

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082021\  
 Data File : BF125143.D  
 Acq On : 20 Aug 2021 19:43  
 Operator : JU/CG  
 Sample : M3476-01MSD 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-03-081821MSD

Quant Time: Aug 21 02:01:43 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 18 17:03:50 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.922  | 152  | 189351   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.204  | 136  | 701767   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.963  | 164  | 333264   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.451 | 188  | 522667   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.098 | 240  | 363756   | 20.000 | ng    | # 0.01   |
| 86) Perylene-d12              | 15.598 | 264  | 246104   | 20.000 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 482355   | 38.558 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.540  | 99   | 597301   | 36.917 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 380630   | 27.306 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.751 | 330  | 126703   | 38.087 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.281  | 172  | 678099   | 28.359 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.033 | 244  | 595246   | 26.069 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.740  | 88   | 94790    | 15.356 | ng    | # 100    |
| 3) Pyridine                   | 3.504  | 79   | 210468   | 12.915 | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.452  | 42   | 137424   | 16.852 | ng    | # 43     |
| 6) Aniline                    | 6.581  | 93   | 271355   | 14.278 | ng    | # 94     |
| 8) 2-Chlorophenol             | 6.704  | 128  | 233331   | 18.283 | ng    | 85       |
| 9) Benzaldehyde               | 6.469  | 77   | 174425   | 15.362 | ng    | 94       |
| 10) Phenol                    | 6.551  | 94   | 299713   | 17.689 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.651  | 93   | 247989   | 18.584 | ng    | 85       |
| 12) 1,3-Dichlorobenzene       | 6.863  | 146  | 262210   | 17.731 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.940  | 146  | 266359   | 18.076 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.092  | 146  | 255875   | 18.457 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.057  | 79   | 217631   | 17.470 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.192  | 45   | 490711   | 18.337 | ng    | 99       |
| 17) 2-Methylphenol            | 7.163  | 107  | 194704   | 18.162 | ng    | 94       |
| 18) Hexachloroethane          | 7.434  | 117  | 83836    | 16.247 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.328  | 70   | 181482   | 18.649 | ng    | # 80     |
| 20) 3+4-Methylphenols         | 7.316  | 107  | 249348   | 18.529 | ng    | 88       |
| 22) Acetophenone              | 7.328  | 105  | 349397   | 19.346 | ng    | # 96     |
| 24) Nitrobenzene              | 7.498  | 77   | 270120   | 17.784 | ng    | # 87     |
| 25) Isophorone                | 7.739  | 82   | 474697   | 17.653 | ng    | # 89     |
| 26) 2-Nitrophenol             | 7.816  | 139  | 114698   | 18.912 | ng    | # 80     |
| 27) 2,4-Dimethylphenol        | 7.851  | 122  | 202948   | 19.114 | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 7.951  | 93   | 303606   | 20.391 | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 8.057  | 162  | 190336   | 17.578 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.145  | 180  | 209990   | 17.784 | ng    | 93       |
| 31) Naphthalene               | 8.228  | 128  | 663362   | 18.457 | ng    | 99       |
| 32) Benzoic acid              | 7.934  | 122  | 119427   | 16.572 | ng    | # 80     |
| 33) 4-Chloroaniline           | 8.269  | 127  | 166604   | 11.759 | ng    | # 90     |
| 34) Hexachlorobutadiene       | 8.345  | 225  | 135836   | 18.041 | ng    | 98       |
| 35) Caprolactam               | 8.622  | 113  | 60254    | 21.483 | ng    | # 44     |
| 36) 4-Chloro-3-methylphenol   | 8.745  | 107  | 200869   | 18.171 | ng    | 92       |
| 37) 2-Methylnaphthalene       | 8.916  | 142  | 449893   | 18.943 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.016  | 142  | 413278   | 18.635 | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 9.081  | 216  | 206671   | 18.981 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.069  | 237  | 20146    | 3.522  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.192  | 196  | 138727   | 18.095 | ng    | 96       |

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 Sample : M3476-01MSD 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

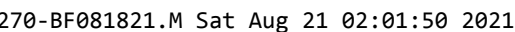
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-03-081821MSD

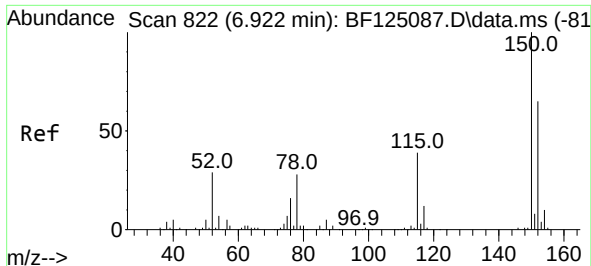
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.228  | 196  | 138439   | 17.164 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.381  | 154  | 490484   | 18.255 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.404  | 162  | 389562   | 17.842 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.498  | 65   | 138651   | 20.486 | ng #  | 81       |
| 49) Acenaphthylene            | 9.822  | 152  | 644179   | 20.247 | ng    | 99       |
| 50) Dimethylphthalate         | 9.675  | 163  | 469397   | 20.325 | ng #  | 97       |
| 51) 2,6-Dinitrotoluene        | 9.739  | 165  | 92731    | 18.517 | ng    | 90       |
| 52) Acenaphthene              | 9.998  | 154  | 364752   | 18.493 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.904  | 138  | 88743    | 16.433 | ng #  | 70       |
| 54) 2,4-Dinitrophenol         | 10.010 | 184  | 6260     | 3.165  | ng #  | 74       |
| 55) Dibenzofuran              | 10.169 | 168  | 521981   | 18.389 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.057 | 139  | 143600   | 33.578 | ng #  | 76       |
| 57) 2,4-Dinitrotoluene        | 10.139 | 165  | 115234   | 19.013 | ng #  | 96       |
| 58) Fluorene                  | 10.510 | 166  | 424956   | 20.250 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.281 | 232  | 100359   | 16.766 | ng #  | 88       |
| 60) Diethylphthalate          | 10.375 | 149  | 450901   | 20.027 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.504 | 204  | 194158   | 18.299 | ng #  | 83       |
| 62) 4-Nitroaniline            | 10.516 | 138  | 87264    | 17.969 | ng #  | 83       |
| 63) Azobenzene                | 10.663 | 77   | 426036   | 16.870 | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 10.545 | 198  | 6619     | 2.393  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.616 | 169  | 356368   | 19.042 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.992 | 248  | 117811   | 18.771 | ng    | 93       |
| 68) Hexachlorobenzene         | 11.057 | 284  | 116219   | 18.000 | ng #  | 89       |
| 69) Atrazine                  | 11.139 | 200  | 117163   | 21.817 | ng    | 93       |
| 70) Pentachlorophenol         | 11.251 | 266  | 122903   | 32.600 | ng    | 92       |
| 71) Phenanthrene              | 11.475 | 178  | 895245   | 31.086 | ng    | 97       |
| 72) Anthracene                | 11.527 | 178  | 657296   | 23.155 | ng    | 98       |
| 73) Carbazole                 | 11.675 | 167  | 473869   | 18.268 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.010 | 149  | 644200   | 20.927 | ng    | 98       |
| 75) Fluoranthene              | 12.669 | 202  | 1203571  | 42.118 | ng    | 96       |
| 77) Benzidine                 | 12.780 | 184  | 165073   | 12.994 | ng    | 97       |
| 78) Pyrene                    | 12.898 | 202  | 1214499  | 38.922 | ng    | 95       |
| 80) Butylbenzylphthalate      | 13.510 | 149  | 239689   | 19.549 | ng    | 92       |
| 81) Benzo(a)anthracene        | 14.086 | 228  | 832431   | 31.761 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 14.045 | 252  | 150476   | 18.522 | ng #  | 97       |
| 83) Chrysene                  | 14.121 | 228  | 750514   | 28.956 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.068 | 149  | 343312   | 20.373 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.686 | 149  | 560220   | 19.988 | ng #  | 97       |
| 88) Benzo(b)fluoranthene      | 15.157 | 252  | 652758   | 36.305 | ng #  | 94       |
| 89) Benzo(k)fluoranthene      | 15.180 | 252  | 447157   | 26.652 | ng    | 96       |
| 90) Benzo(a)pyrene            | 15.463 | 252  | 165211   | 10.402 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.574 | 276  | 350324   | 23.707 | ng #  | 88       |

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

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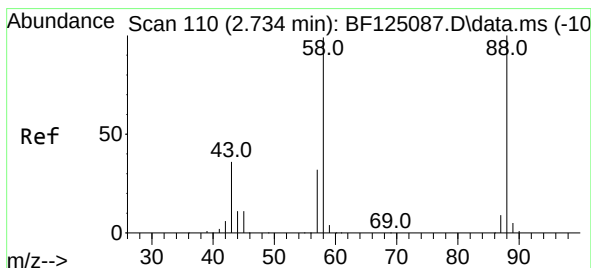
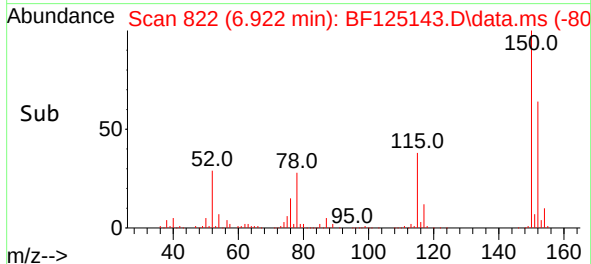
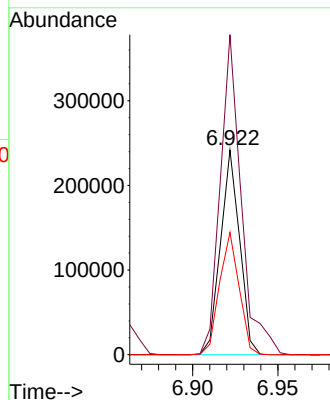
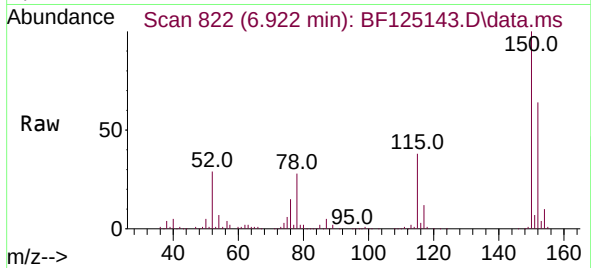




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.922 min Scan# 822  
Delta R.T. -0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

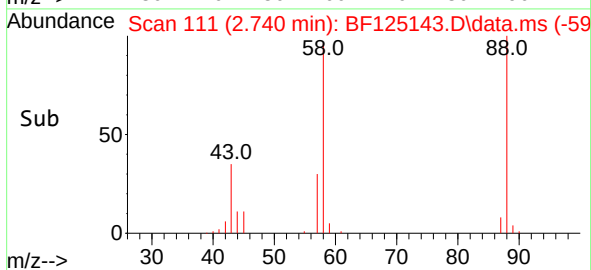
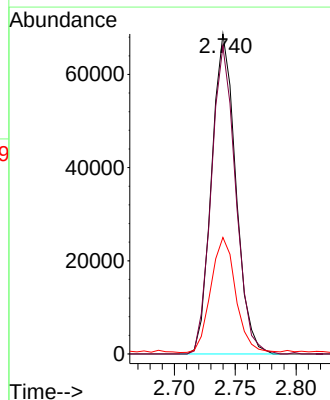
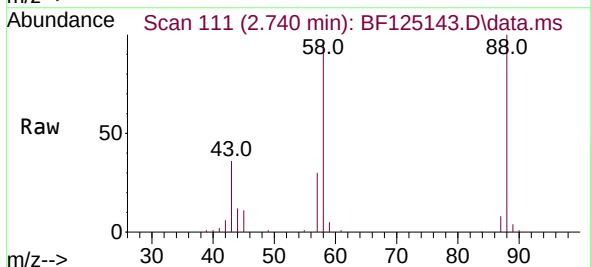
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

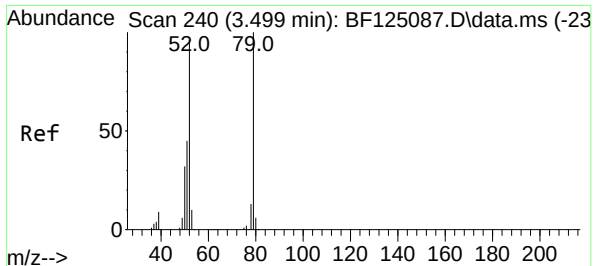
Tgt Ion:152 Resp: 189351  
Ion Ratio Lower Upper  
152 100  
150 156.4 117.6 176.4  
115 59.7 47.1 70.7



#2  
1,4-Dioxane  
Concen: 15.356 ng  
RT: 2.740 min Scan# 111  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion: 88 Resp: 94790  
Ion Ratio Lower Upper  
88 100  
58 96.7 0.0 0.0#  
43 36.9 0.0 0.0#

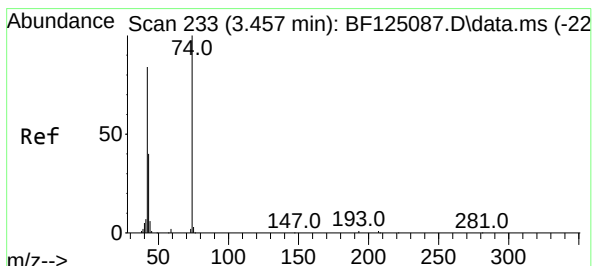
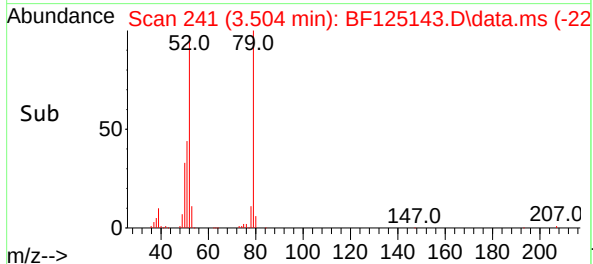
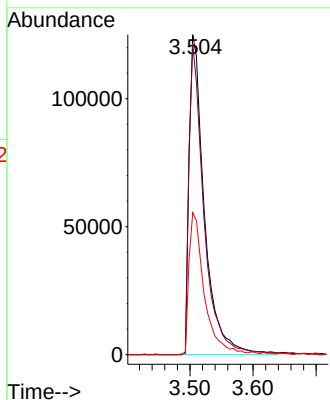
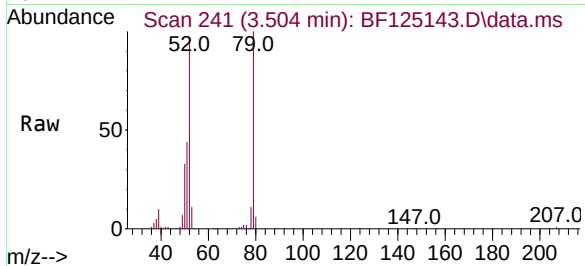




#3  
Pyridine  
Concen: 12.915 ng  
RT: 3.504 min Scan# 241  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

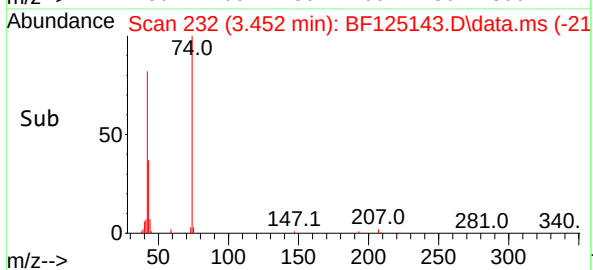
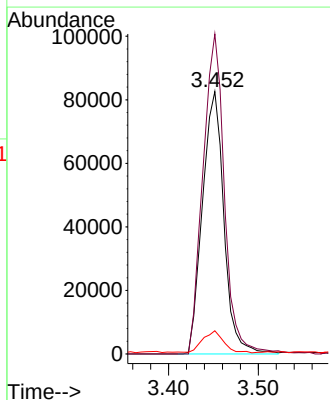
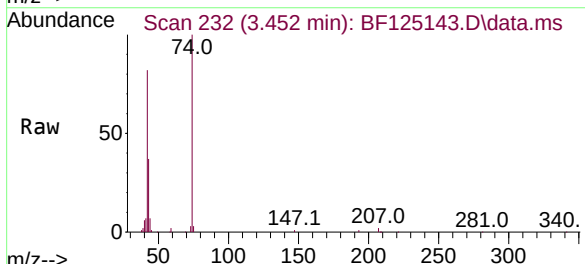
Instrument :  
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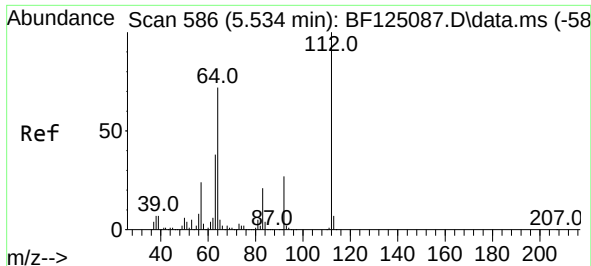
Tgt Ion: 79 Resp: 210468  
Ion Ratio Lower Upper  
79 100  
52 97.0 70.3 105.5  
51 44.4 44.1 66.1



#4  
n-Nitrosodimethylamine  
Concen: 16.852 ng  
RT: 3.452 min Scan# 232  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion: 42 Resp: 137424  
Ion Ratio Lower Upper  
42 100  
74 121.9 59.0 88.6#  
44 8.8 0.0 0.0#

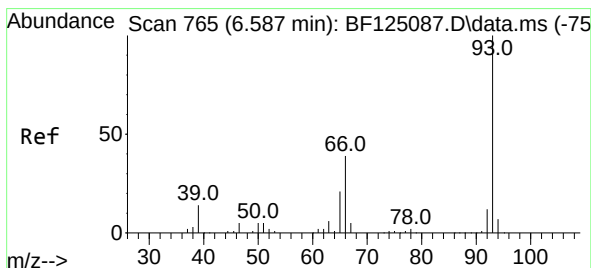
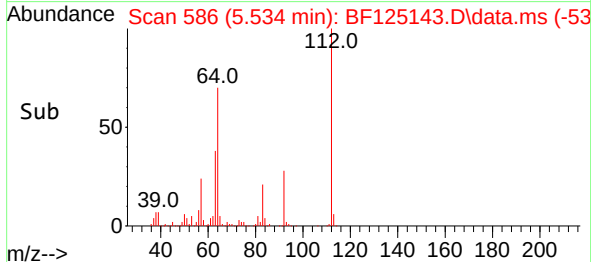
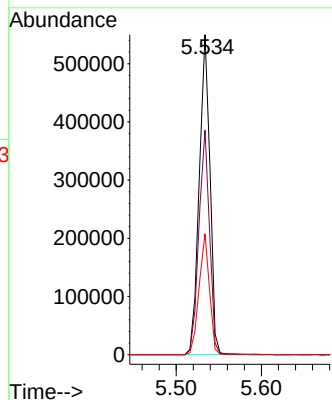
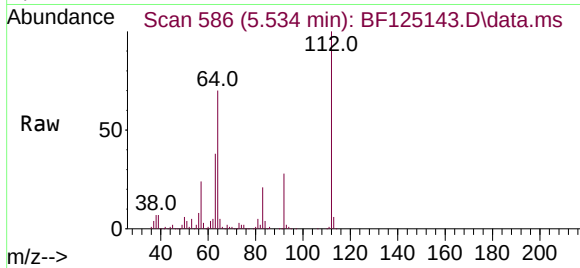




#5  
2-Fluorophenol  
Concen: 38.558 ng  
RT: 5.534 min Scan# 586  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

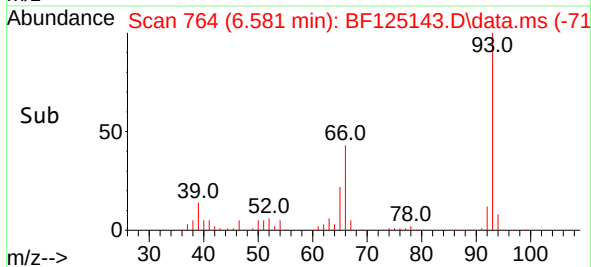
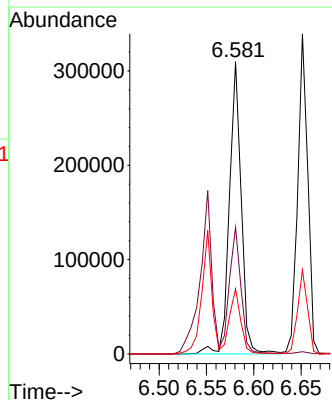
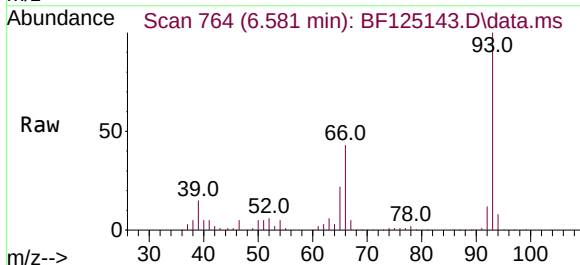
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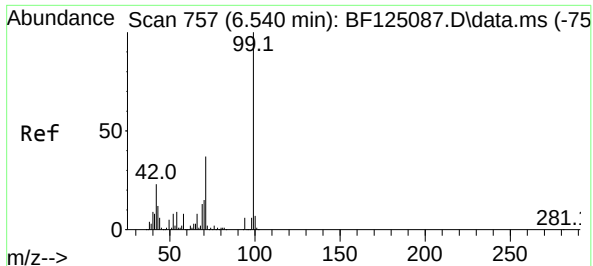
Tgt Ion:112 Resp: 482355  
Ion Ratio Lower Upper  
112 100  
64 70.1 44.2 66.2#  
63 37.8 26.2 39.2



#6  
Aniline  
Concen: 14.278 ng  
RT: 6.581 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion: 93 Resp: 271355  
Ion Ratio Lower Upper  
93 100  
66 43.4 32.7 49.1  
65 22.3 14.2 21.4#

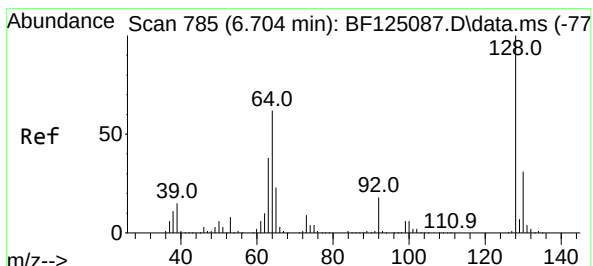
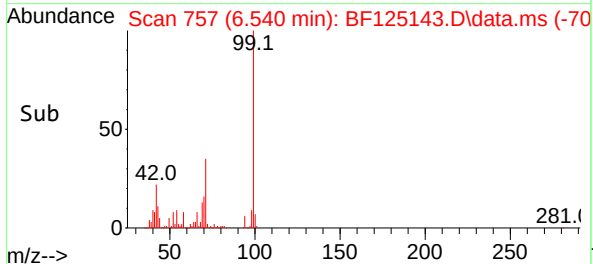
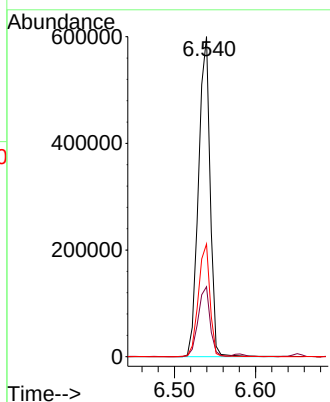
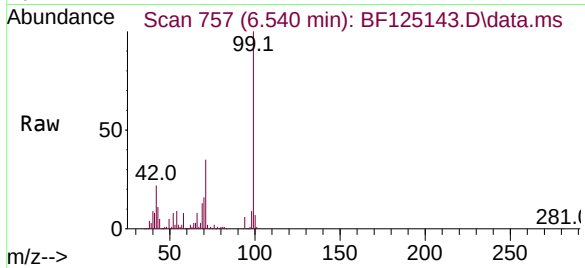




#7  
Phenol-d6  
Concen: 36.917 ng  
RT: 6.540 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

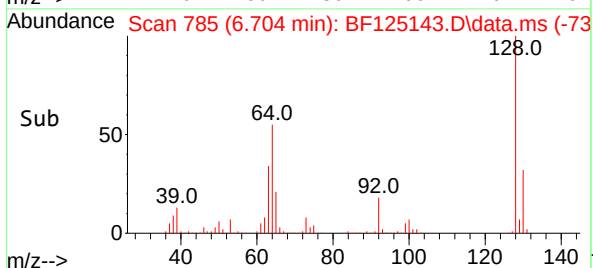
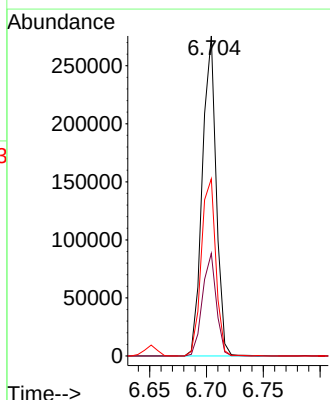
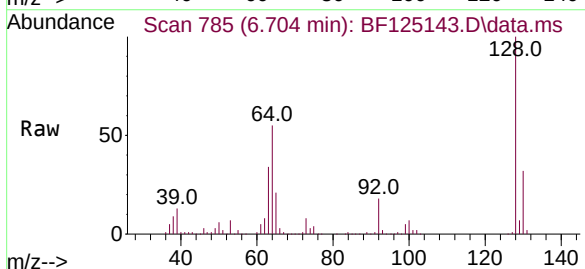
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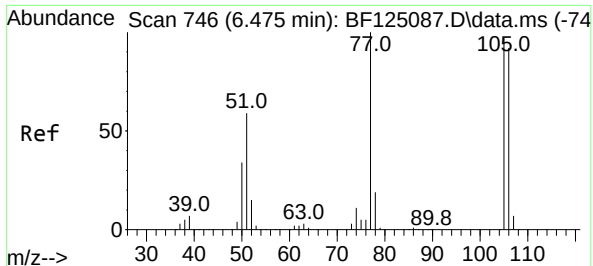
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Ion Ratio Lower Upper  
99 100  
42 21.9 23.5 35.3#  
71 35.2 25.6 38.4



#8  
2-Chlorophenol  
Concen: 18.283 ng  
RT: 6.704 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
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Tgt Ion: 128 Resp: 233331  
Ion Ratio Lower Upper  
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64 55.4 20.3 60.3

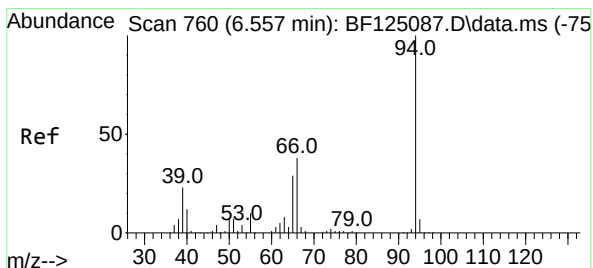
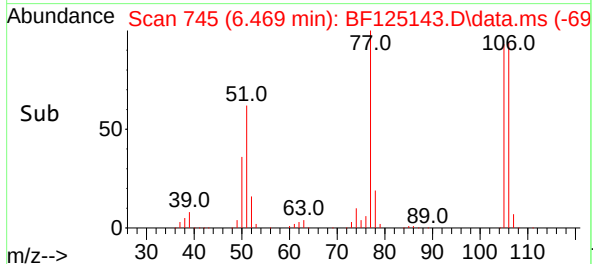
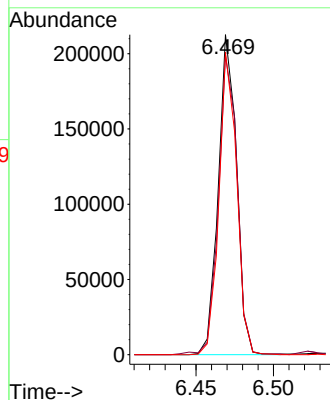
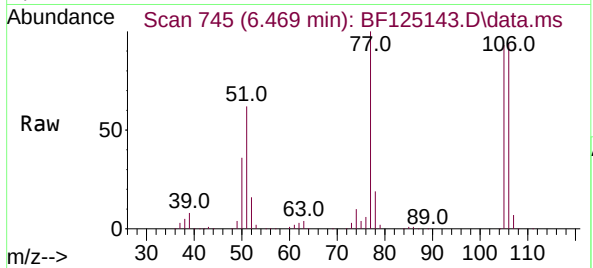




#9  
Benzaldehyde  
Concen: 15.362 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

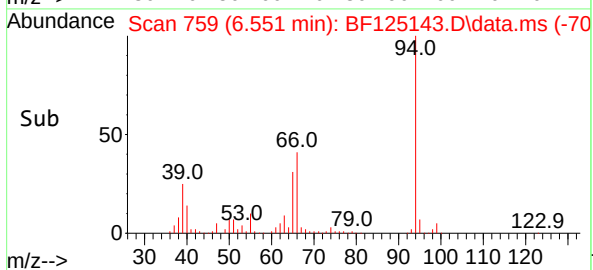
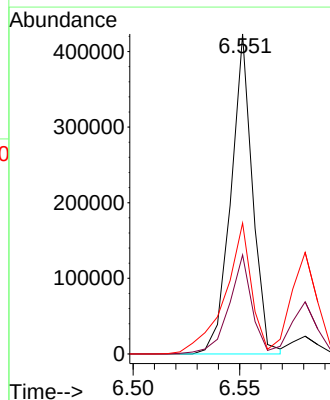
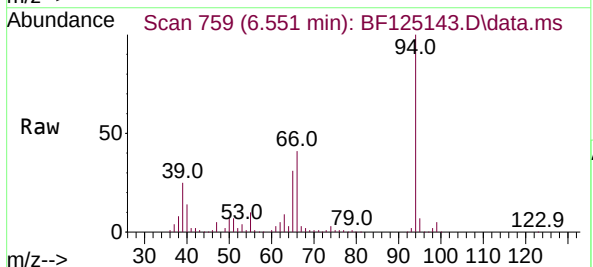
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

Tgt Ion: 77 Resp: 174425  
Ion Ratio Lower Upper  
77 100  
105 93.5 75.9 115.9  
106 94.5 84.0 124.0

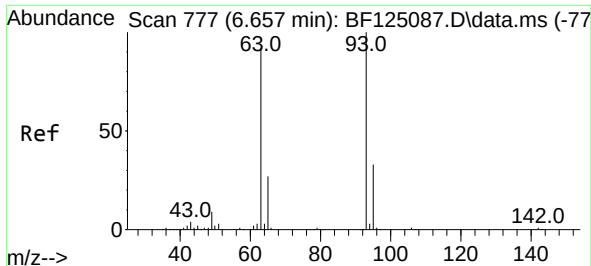


#10  
Phenol  
Concen: 17.689 ng  
RT: 6.551 min Scan# 759  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion: 94 Resp: 299713  
Ion Ratio Lower Upper  
94 100  
65 30.9 9.3 49.3  
66 40.9 20.3 60.3

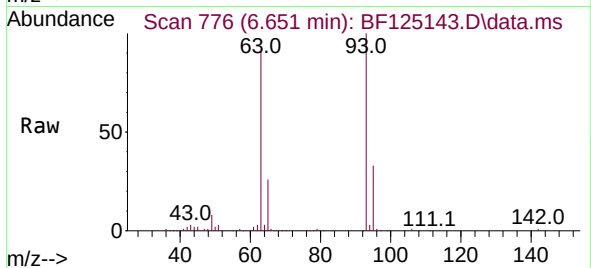






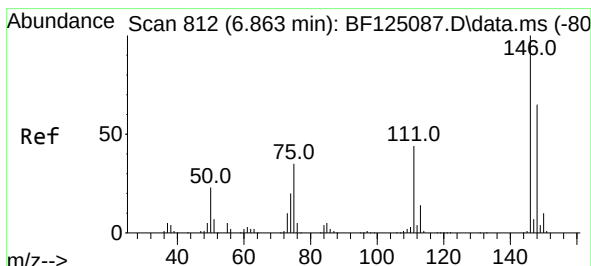
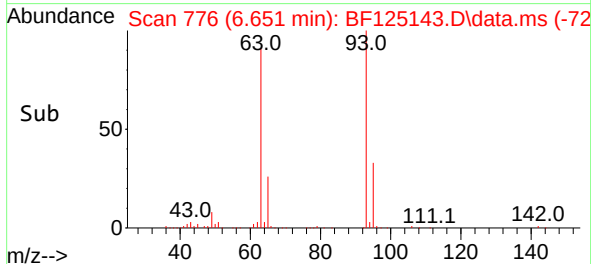
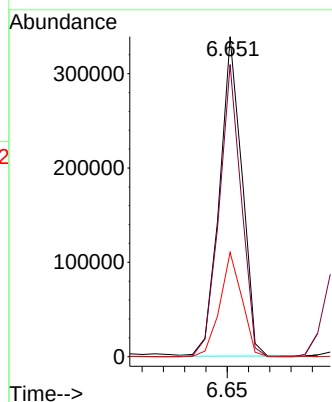
#11  
bis(2-Chloroethyl)ether  
Concen: 18.584 ng  
RT: 6.651 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD



Tgt Ion: 93 Resp: 247989

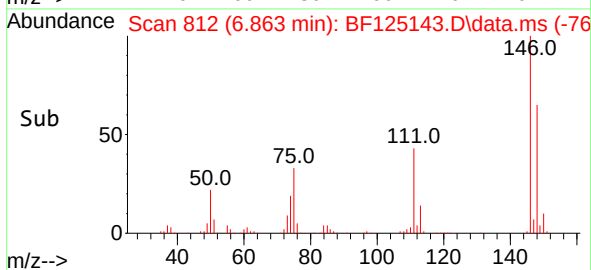
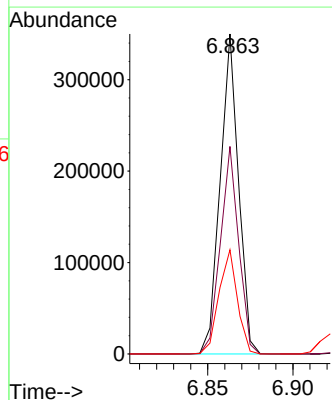
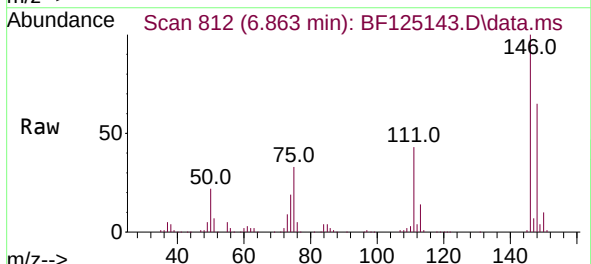
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 91.3  | 54.4  | 94.4  |
| 95  | 32.6  | 11.4  | 51.4  |

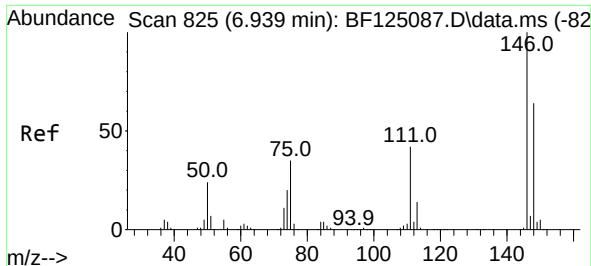


#12  
1,3-Dichlorobenzene  
Concen: 17.731 ng  
RT: 6.863 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion: 146 Resp: 262210

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.9  | 49.7  | 74.5  |
| 75  | 32.6  | 25.2  | 37.8  |

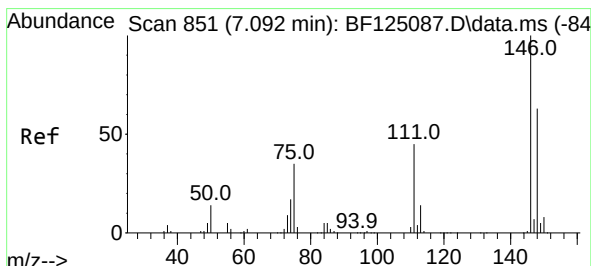
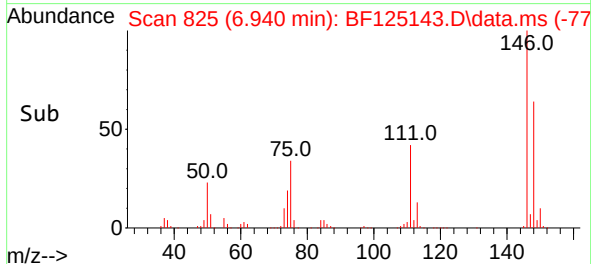
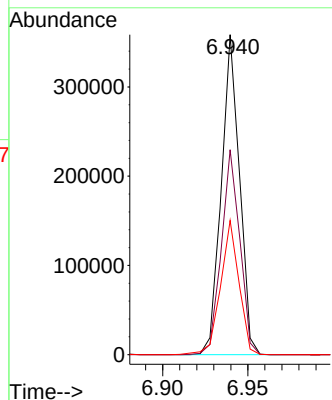
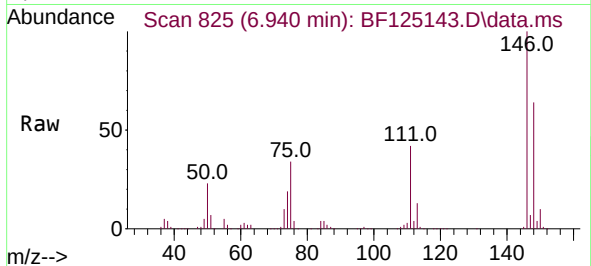




#13  
1,4-Dichlorobenzene  
Concen: 18.076 ng  
RT: 6.940 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

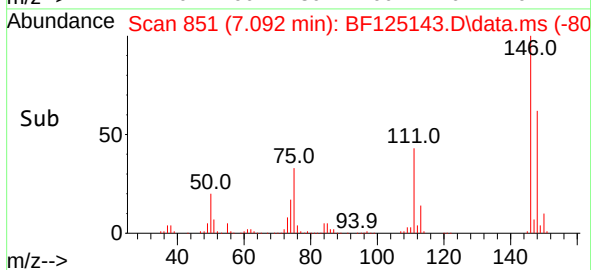
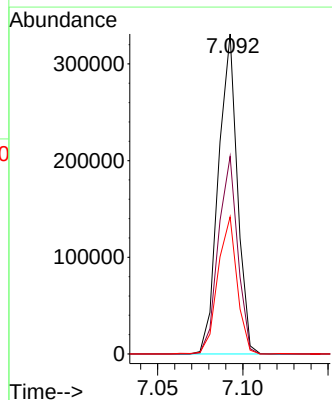
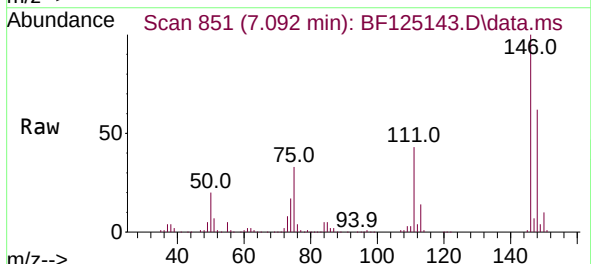
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

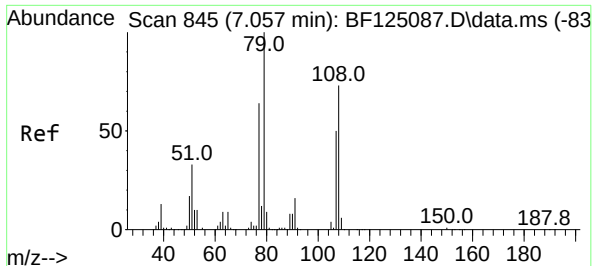
Tgt Ion:146 Resp: 266359  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.9 77.9  
111 41.9 31.8 47.6



#14  
1,2-Dichlorobenzene  
Concen: 18.457 ng  
RT: 7.092 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:146 Resp: 255875  
Ion Ratio Lower Upper  
146 100  
148 61.8 50.6 75.8  
111 42.9 33.5 50.3

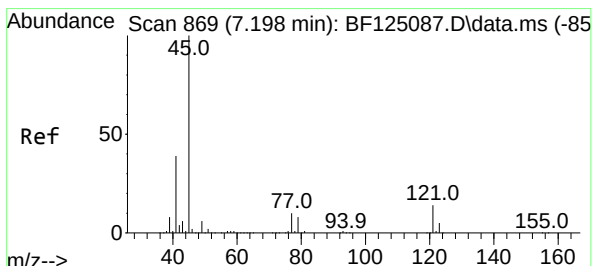
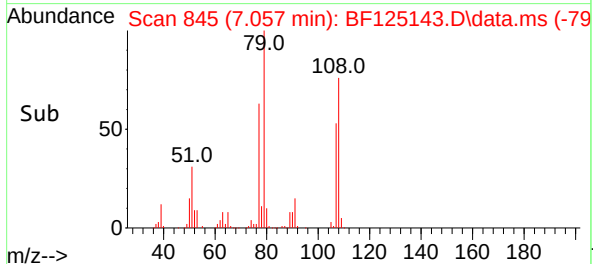
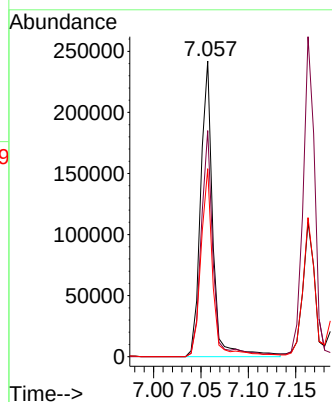
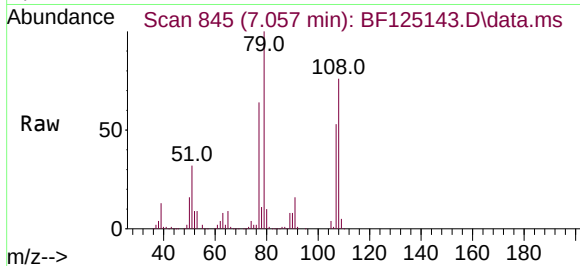




#15  
Benzyl Alcohol  
Concen: 17.470 ng  
RT: 7.057 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

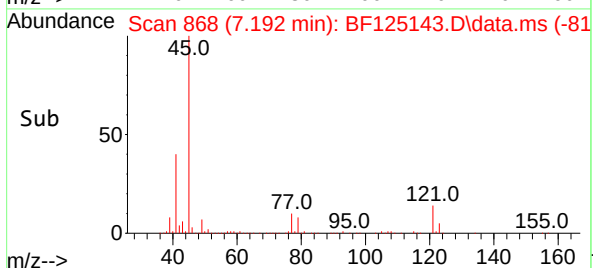
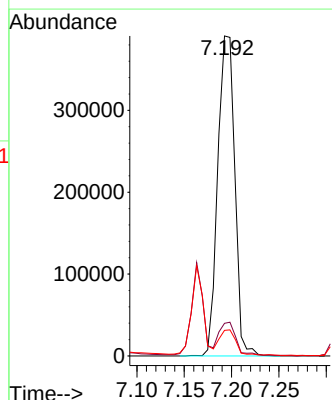
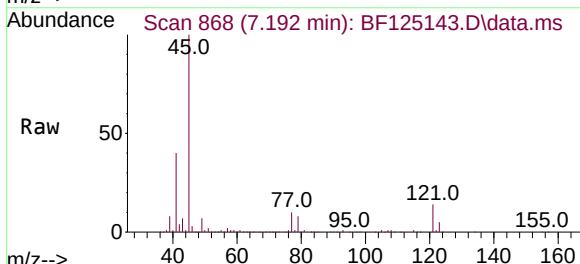
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

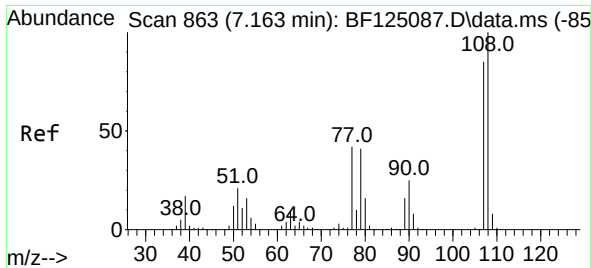
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 217631 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 76.5  | 60.4  | 90.6   |
| 77       | 63.6  | 51.5  | 77.3   |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 18.337 ng  
RT: 7.192 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 490711 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 10.2  | 0.0   | 30.6   |
| 79       | 8.0   | 0.0   | 27.5   |

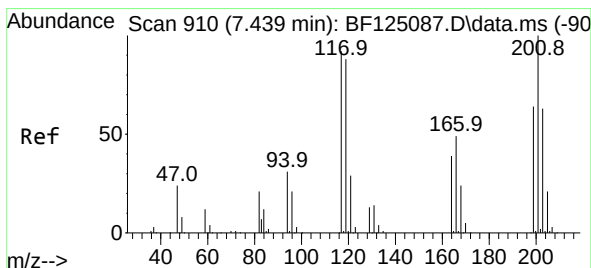
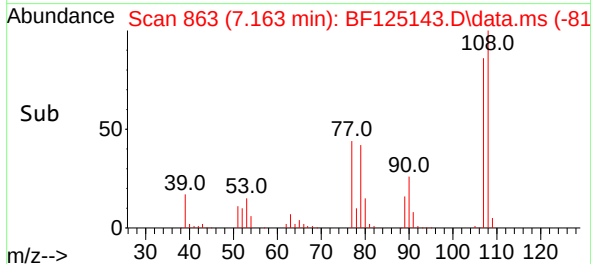
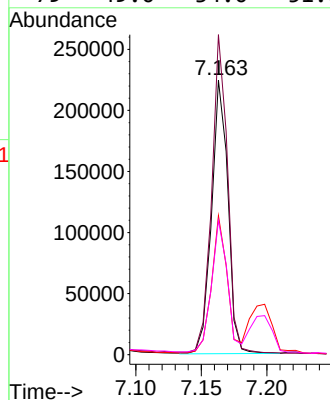
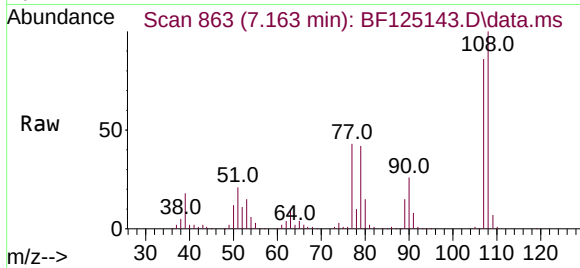




#17  
2-Methylphenol  
Concen: 18.162 ng  
RT: 7.163 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

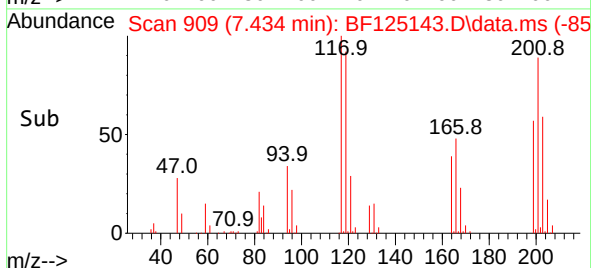
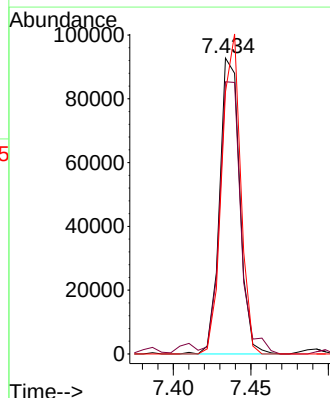
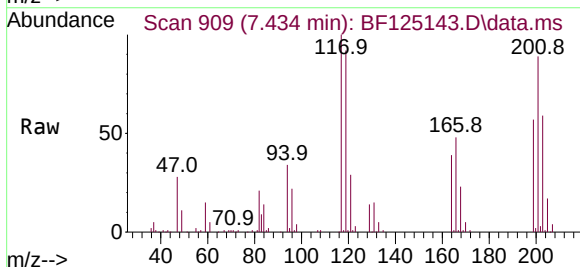
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

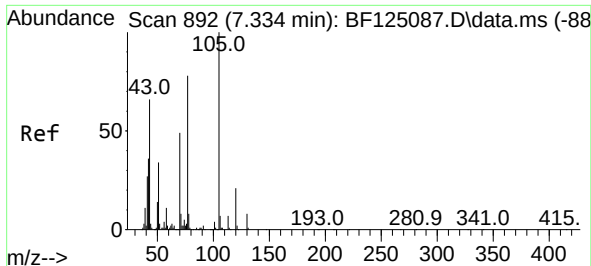
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 194704 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.6 | 90.6  | 135.8  |
| 77       | 50.7  | 35.7  | 53.5   |
| 79       | 49.0  | 34.0  | 51.0   |



#18  
Hexachloroethane  
Concen: 16.247 ng  
RT: 7.434 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

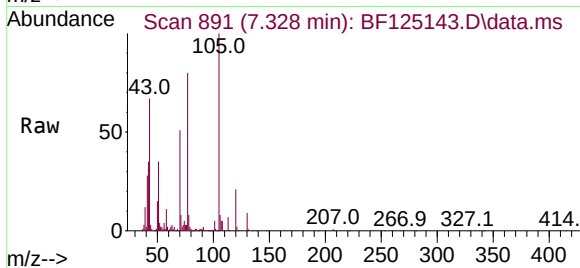
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 83836 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.0  | 73.4  | 110.2 |
| 201      | 88.6  | 64.9  | 97.3  |



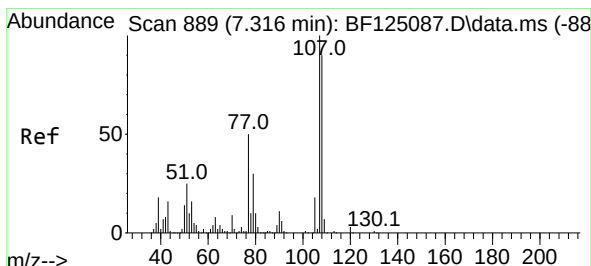
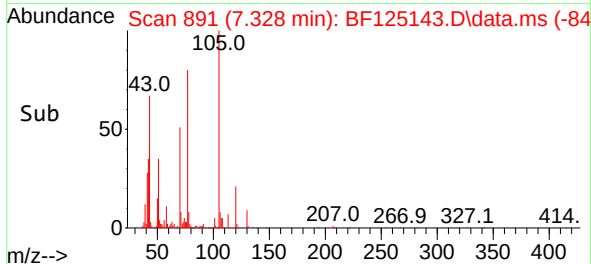
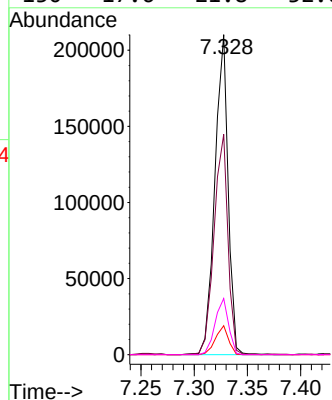


#19  
n-Nitroso-di-n-propylamine  
Concen: 18.649 ng  
RT: 7.328 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

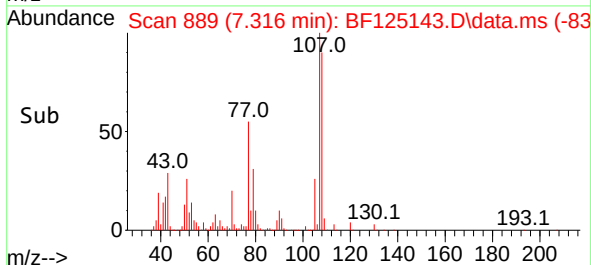
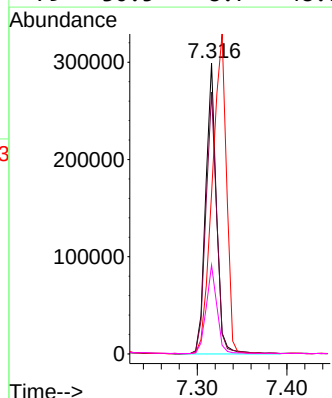
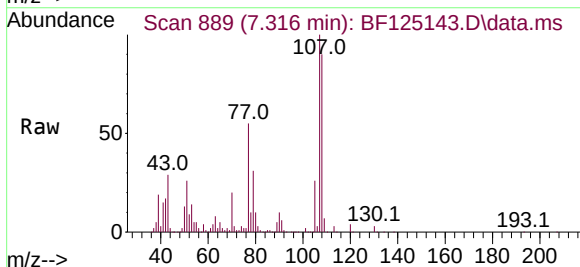


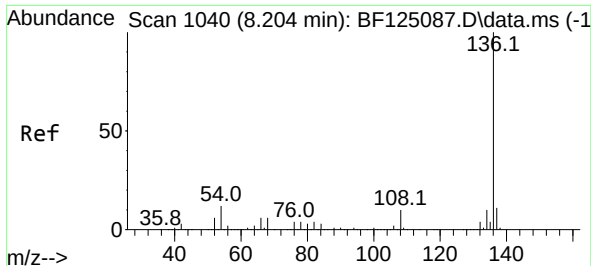
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 70      | 100   |       |        |
| 42      | 68.9  | 72.2  | 108.2# |
| 101     | 9.1   | 7.8   | 11.8   |
| 130     | 17.6  | 21.8  | 32.6#  |



#20  
3+4-Methylphenols  
Concen: 18.529 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.0  | 76.6  | 116.6 |
| 77      | 55.1  | 53.3  | 93.3  |
| 79      | 30.5  | 8.7   | 48.7  |

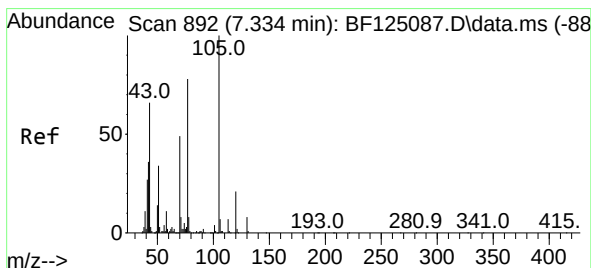
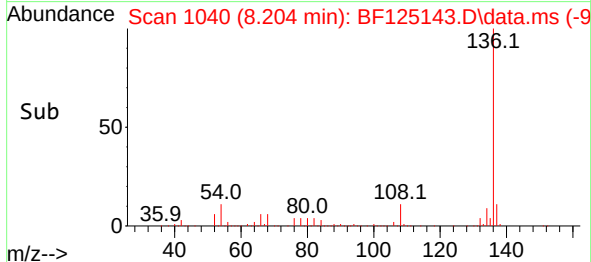
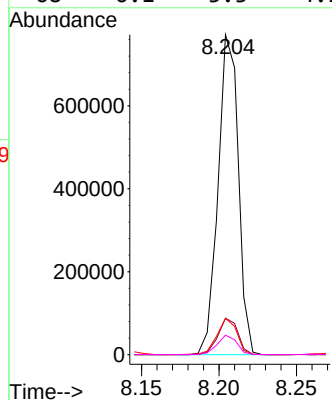
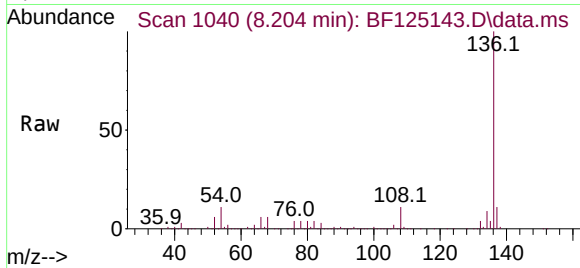




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

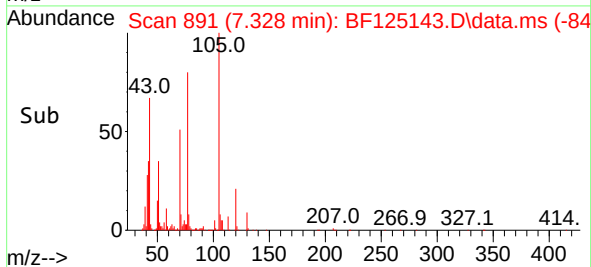
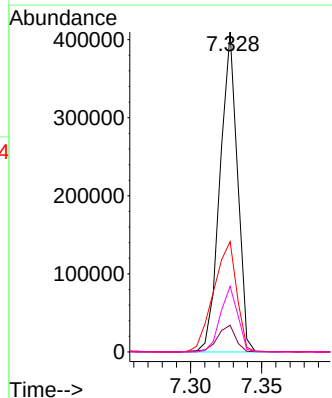
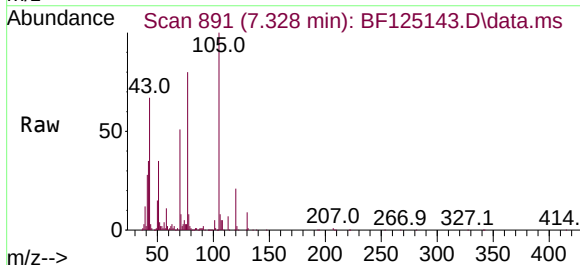
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

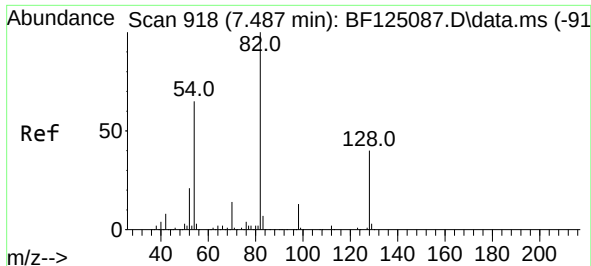
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 701767 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 9.8   | 14.6   |
| 54       | 11.4  | 6.4   | 9.6#   |
| 68       | 6.1   | 3.3   | 4.9#   |



#22  
Acetophenone  
Concen: 19.346 ng  
RT: 7.328 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 349397 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 8.3   | 5.5   | 8.3#   |
| 51       | 34.5  | 26.0  | 39.0   |
| 120      | 20.5  | 18.5  | 27.7   |





#23

Nitrobenzene-d5

Concen: 27.306 ng

RT: 7.481 min Scan# 917

Delta R.T. -0.006 min

Lab File: BF125143.D

Acq: 20 Aug 2021 19:43

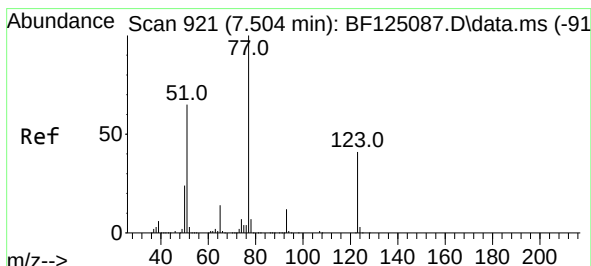
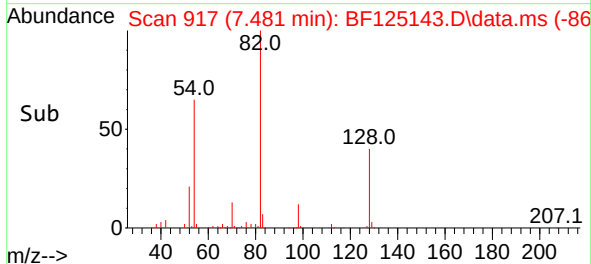
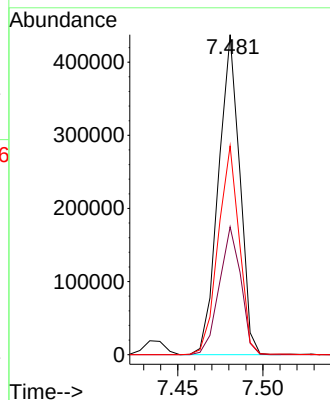
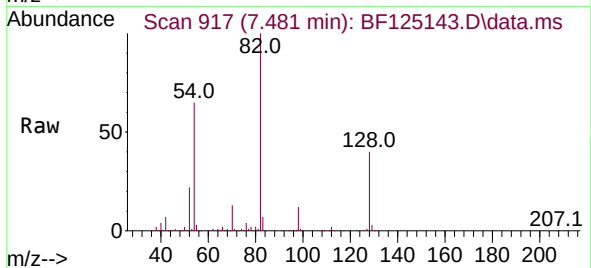
Tgt Ion: 82 Resp: 380630

Ion Ratio Lower Upper

82 100

128 39.9 40.6 60.8#

54 65.3 49.6 74.4



#24

Nitrobenzene

Concen: 17.784 ng

RT: 7.498 min Scan# 920

Delta R.T. -0.006 min

Lab File: BF125143.D

Acq: 20 Aug 2021 19:43

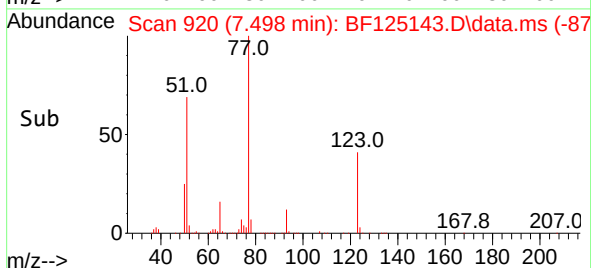
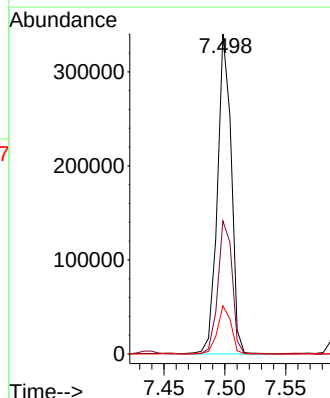
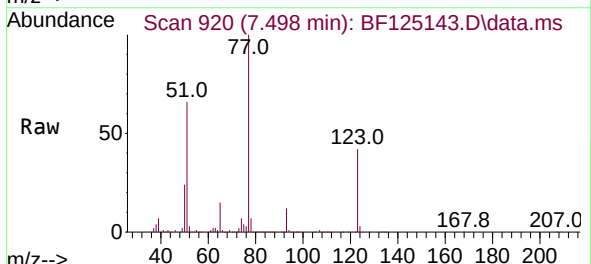
Tgt Ion: 77 Resp: 270120

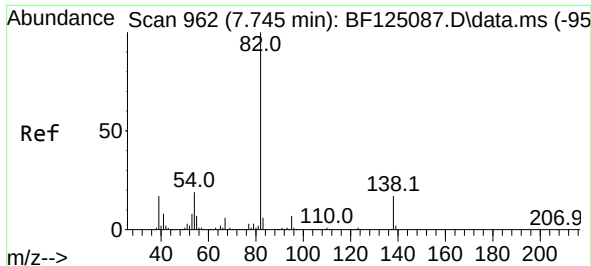
Ion Ratio Lower Upper

77 100

123 41.6 42.3 63.5#

65 15.0 12.4 18.6

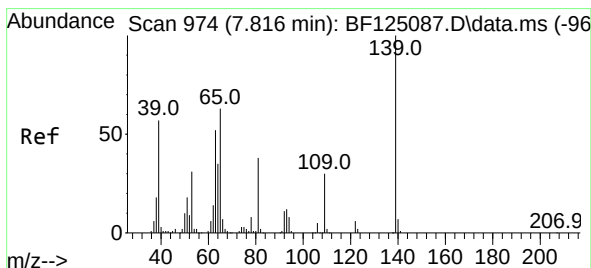
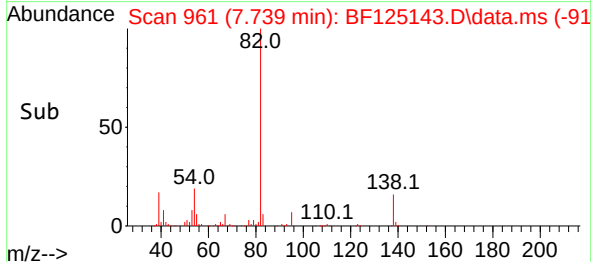
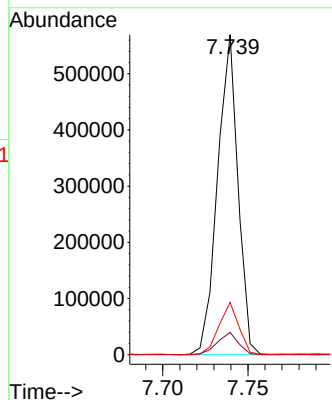
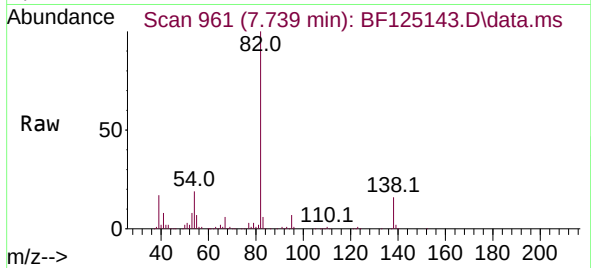




#25  
Isophorone  
Concen: 17.653 ng  
RT: 7.739 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

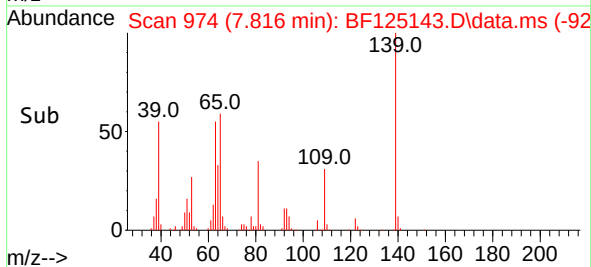
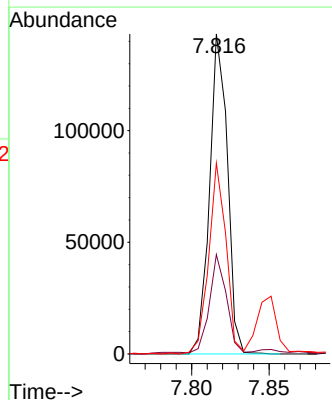
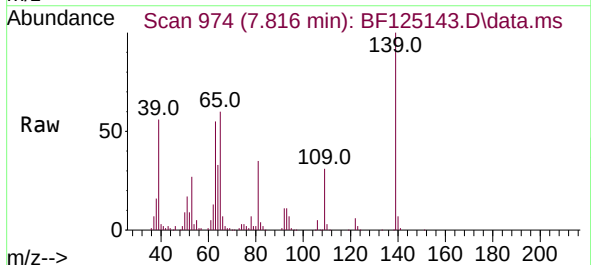
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

Tgt Ion: 82 Resp: 474697  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.5 9.7  
138 16.3 18.4 27.6#

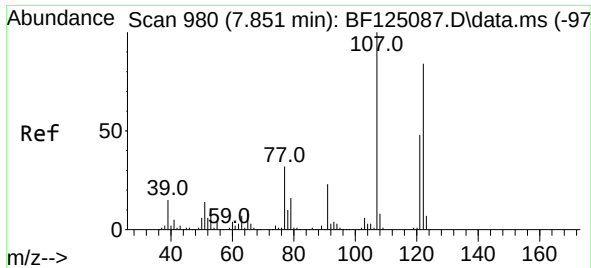


#26  
2-Nitrophenol  
Concen: 18.912 ng  
RT: 7.816 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:139 Resp: 114698  
Ion Ratio Lower Upper  
139 100  
109 31.1 26.0 39.0  
65 59.6 31.0 46.4#



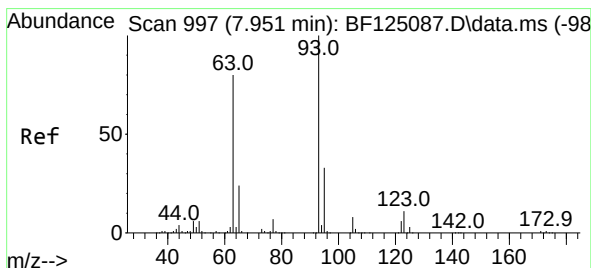
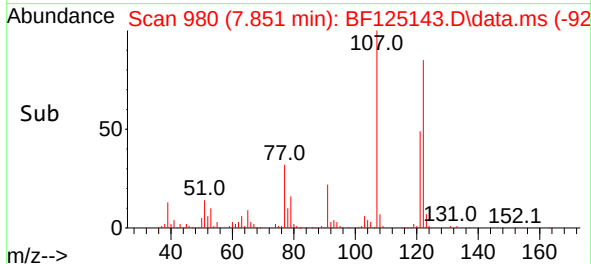
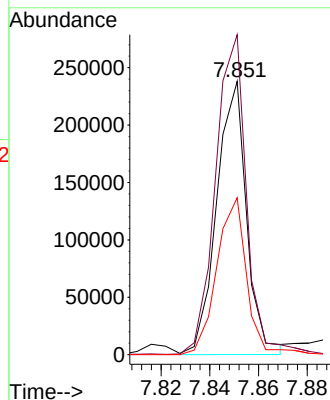
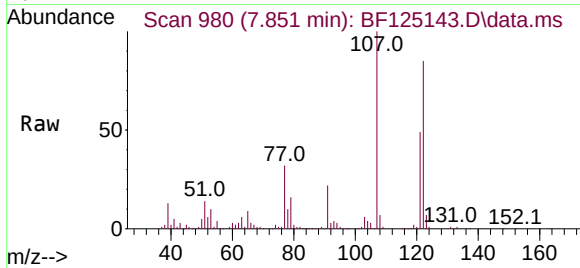




#27  
2,4-Dimethylphenol  
Concen: 19.114 ng  
RT: 7.851 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

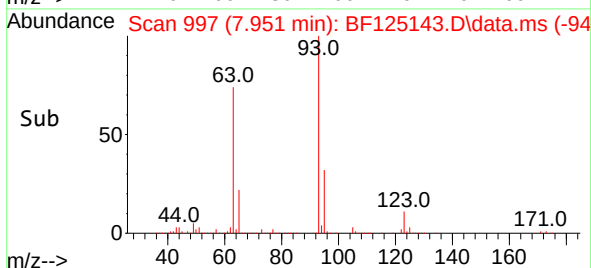
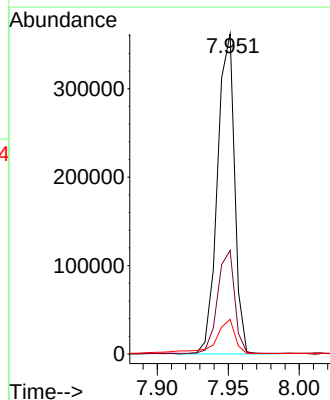
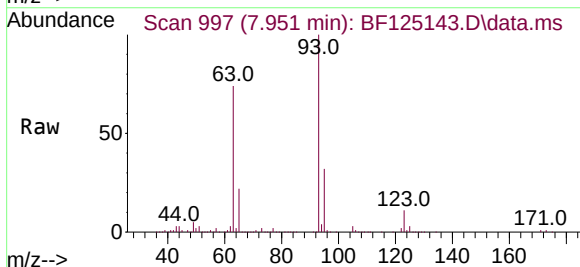
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

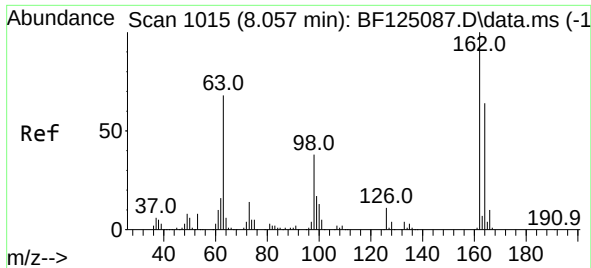
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 202948 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 117.1 | 85.0  | 127.6  |
| 121      | 57.5  | 43.3  | 64.9   |



#28  
bis(2-Chloroethoxy)methane  
Concen: 20.391 ng  
RT: 7.951 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 303606 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.4  | 26.1  | 39.1   |
| 123      | 10.8  | 11.7  | 17.5#  |

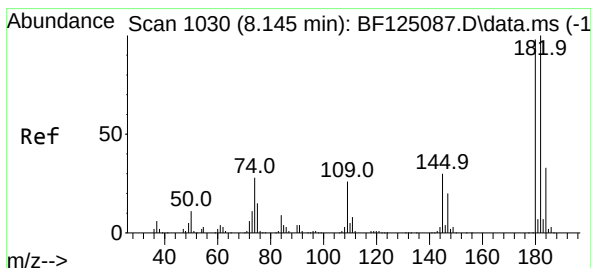
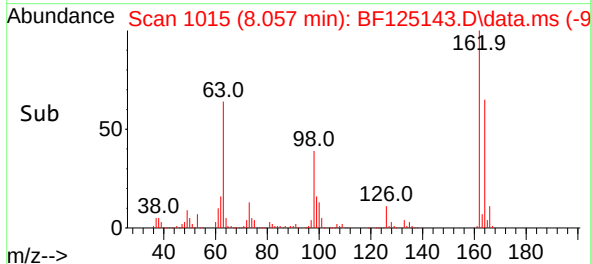
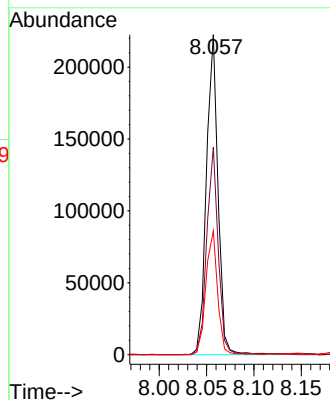
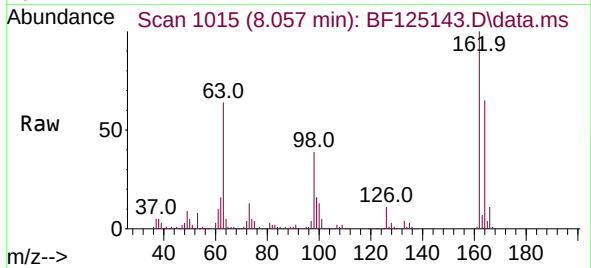




#29  
2,4-Dichlorophenol  
Concen: 17.578 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

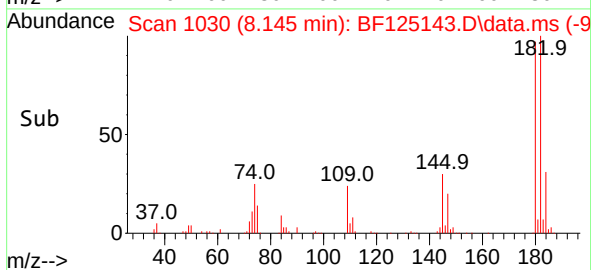
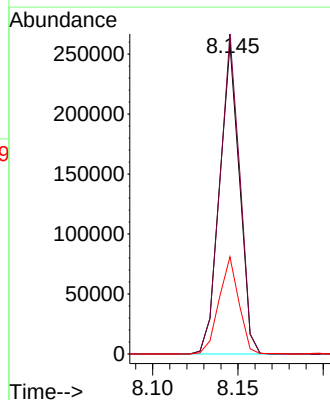
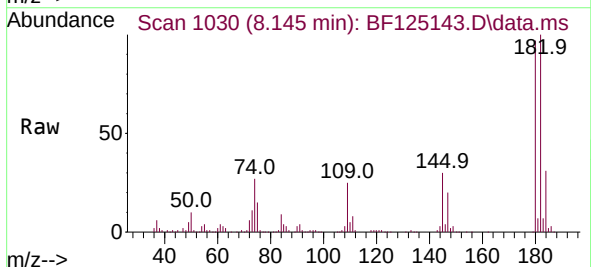
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

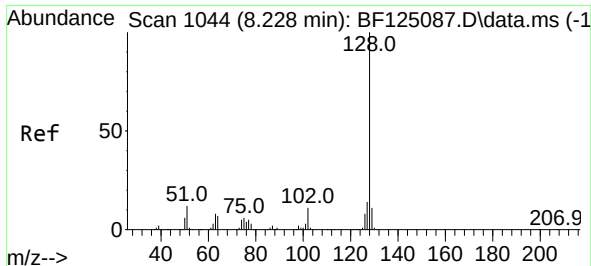
Tgt Ion:162 Resp: 190336  
Ion Ratio Lower Upper  
162 100  
164 64.9 44.5 84.5  
98 38.7 13.0 53.0



#30  
1,2,4-Trichlorobenzene  
Concen: 17.784 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:180 Resp: 209990  
Ion Ratio Lower Upper  
180 100  
182 103.4 76.8 115.2  
145 31.4 26.7 40.1

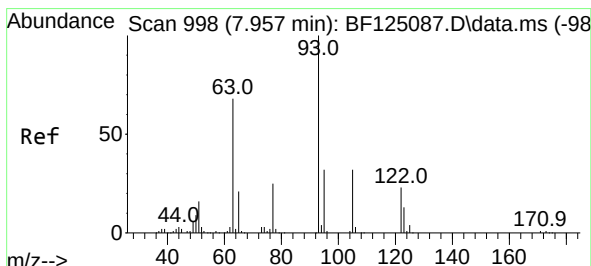
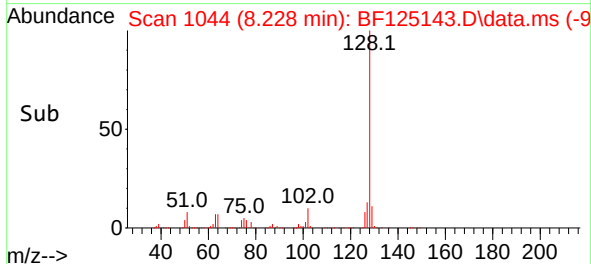
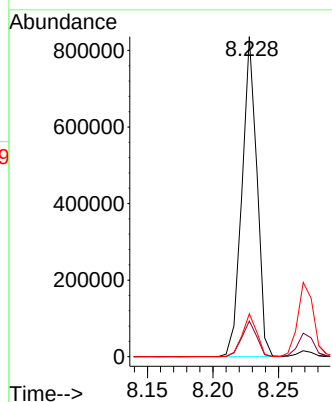
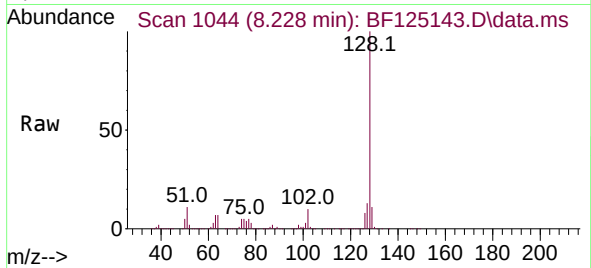




#31  
Naphthalene  
Concen: 18.457 ng  
RT: 8.228 min Scan# 1044  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

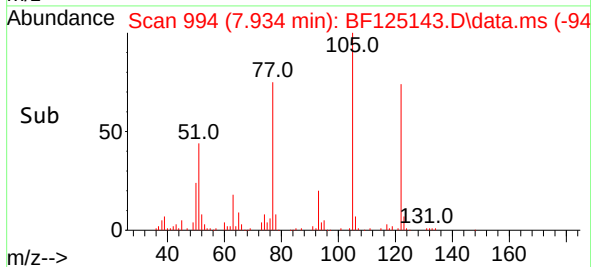
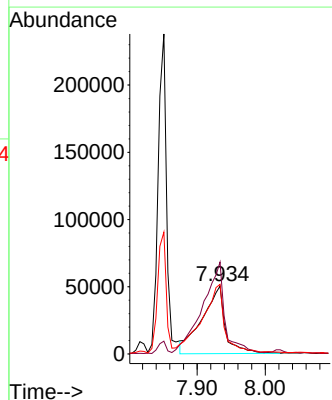
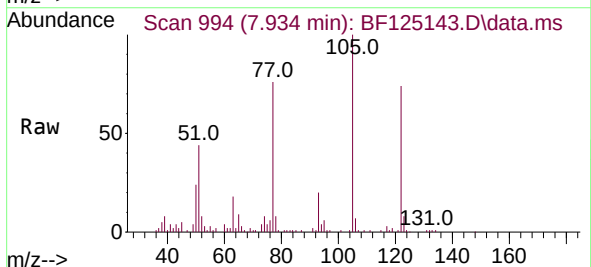
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

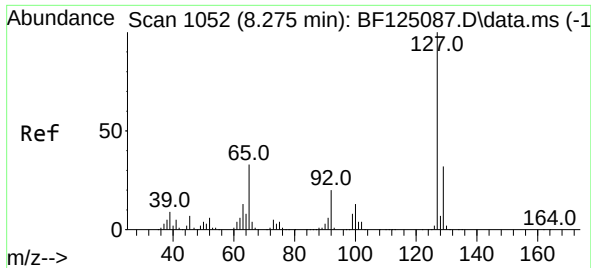
Tgt Ion:128 Resp: 663362  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.4 14.0  
127 13.4 10.9 16.3



#32  
Benzoic acid  
Concen: 16.572 ng  
RT: 7.934 min Scan# 994  
Delta R.T. -0.024 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:122 Resp: 119427  
Ion Ratio Lower Upper  
122 100  
105 135.6 97.6 137.6  
77 102.7 59.6 99.6#

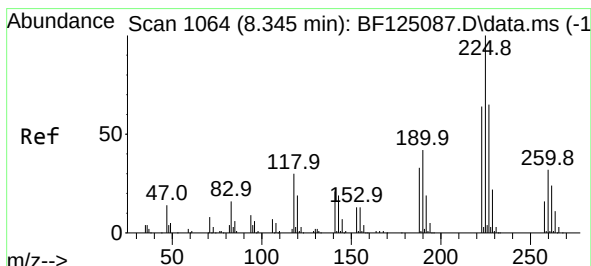
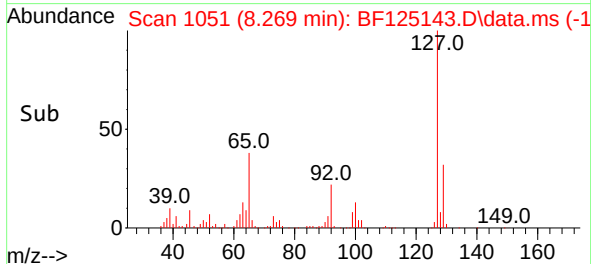
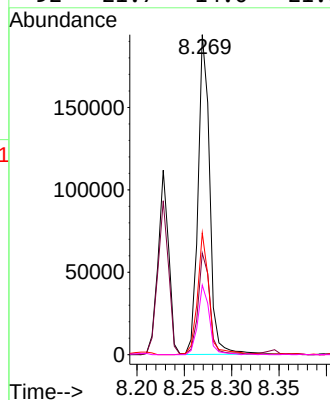
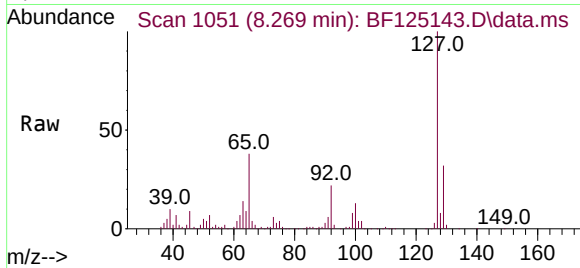




#33  
4-Chloroaniline  
Concen: 11.759 ng  
RT: 8.269 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

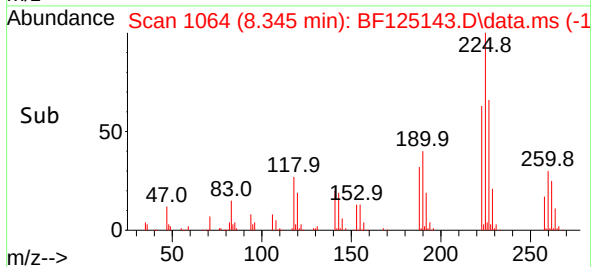
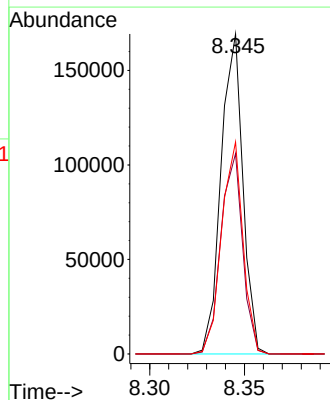
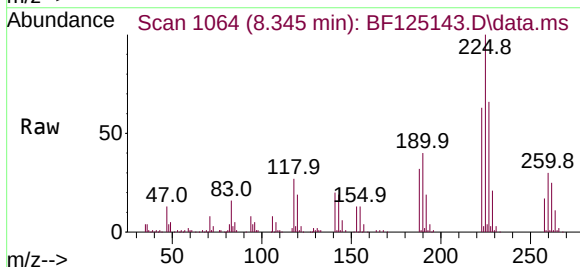
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

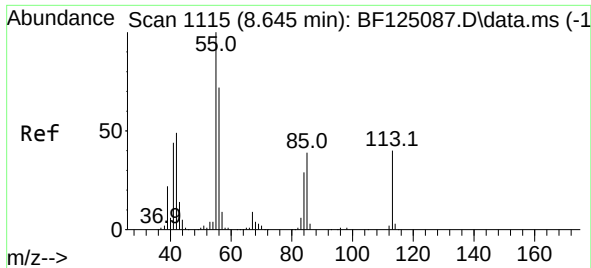
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.8  | 25.7  | 38.5  |
| 65      | 38.1  | 21.2  | 31.8# |
| 92      | 21.7  | 14.0  | 21.0# |



#34  
Hexachlorobutadiene  
Concen: 18.041 ng  
RT: 8.345 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 50.6  | 76.0  |
| 227     | 66.3  | 50.6  | 75.8  |

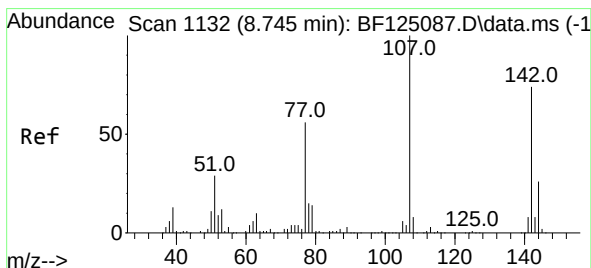
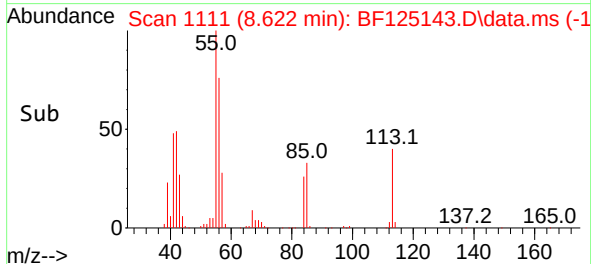
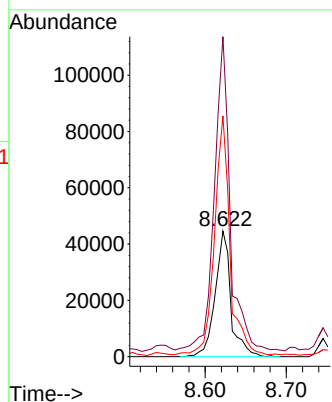
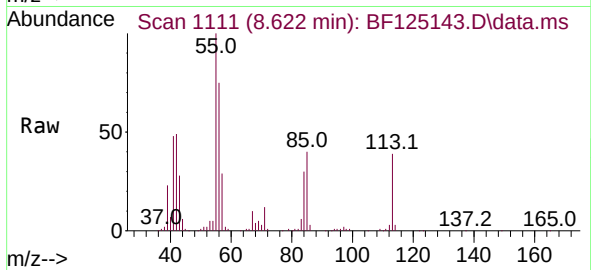




#35  
 Caprolactam  
 Concen: 21.483 ng  
 RT: 8.622 min Scan# 1111  
 Delta R.T. -0.023 min  
 Lab File: BF125143.D  
 Acq: 20 Aug 2021 19:43

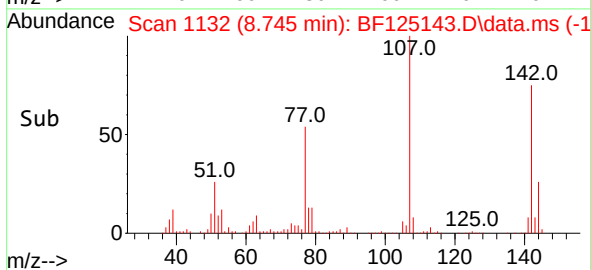
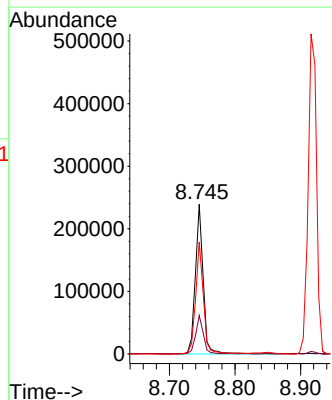
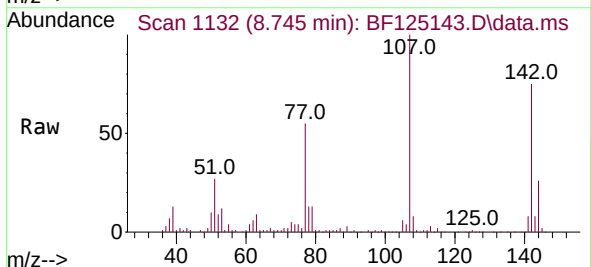
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-03-081821MSD

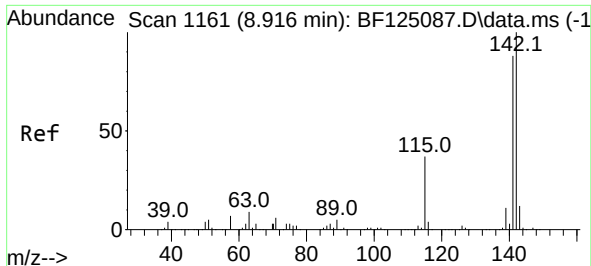
Tgt Ion:113 Resp: 60254  
 Ion Ratio Lower Upper  
 113 100  
 55 254.7 154.1 194.1#  
 56 191.5 108.7 148.7#



#36  
 4-Chloro-3-methylphenol  
 Concen: 18.171 ng  
 RT: 8.745 min Scan# 1132  
 Delta R.T. 0.000 min  
 Lab File: BF125143.D  
 Acq: 20 Aug 2021 19:43

Tgt Ion:107 Resp: 200869  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 21.9 32.9  
 142 74.8 67.1 100.7

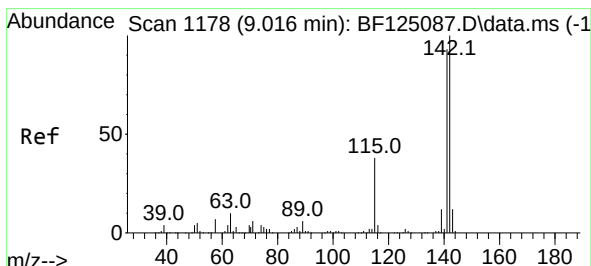
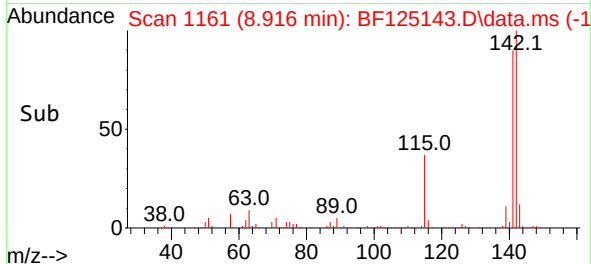
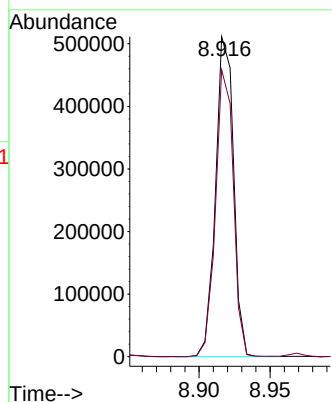
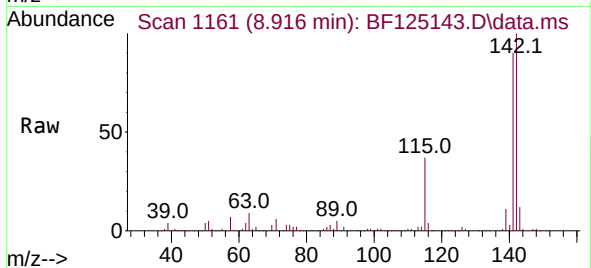




#37  
2-Methylnaphthalene  
Concen: 18.943 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

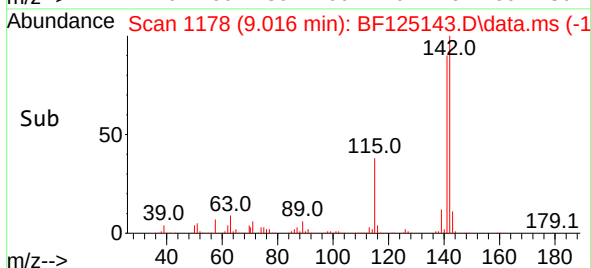
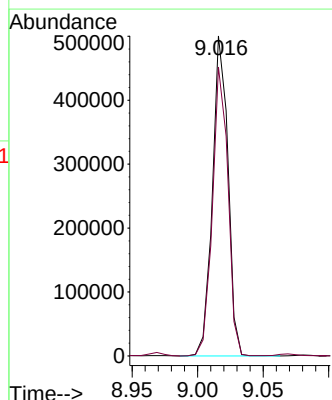
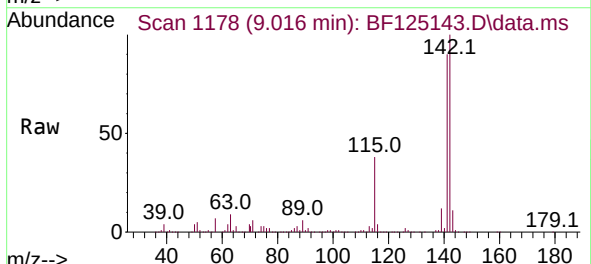
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

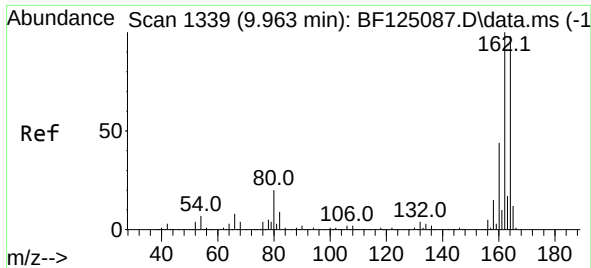
Tgt Ion:142 Resp: 449893  
Ion Ratio Lower Upper  
142 100  
141 89.7 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 18.635 ng  
RT: 9.016 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:142 Resp: 413278  
Ion Ratio Lower Upper  
142 100  
141 90.3 76.0 114.0

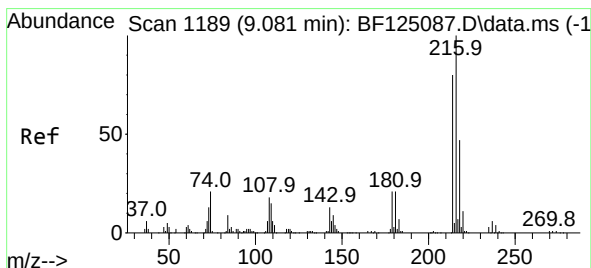
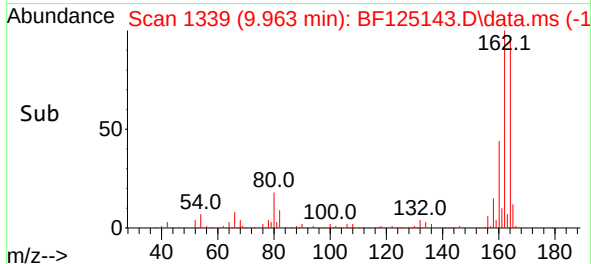
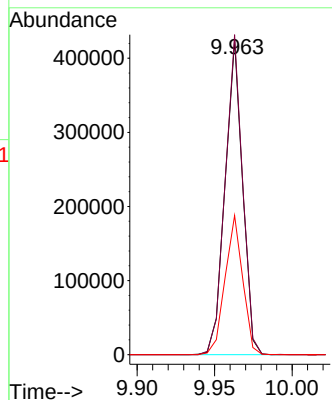
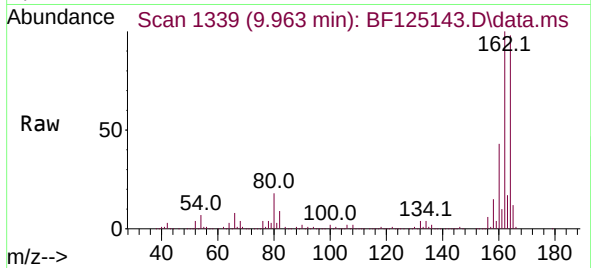




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

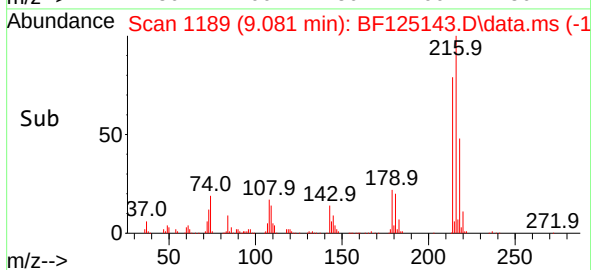
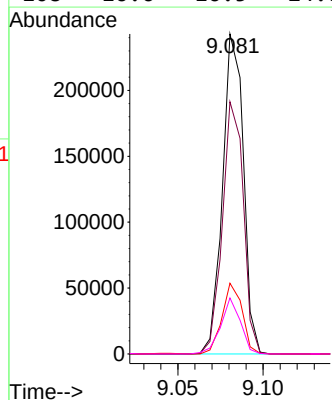
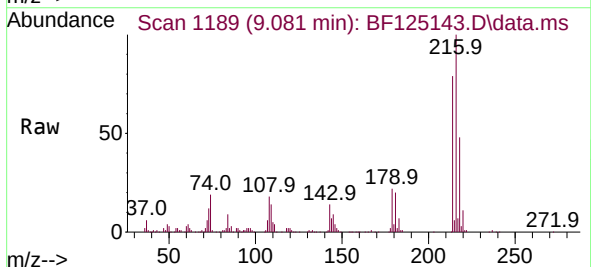
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

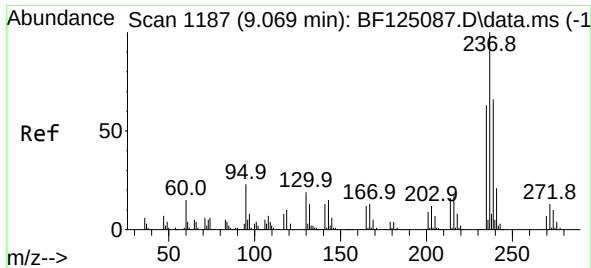
Tgt Ion:164 Resp: 333264  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.3 121.9  
160 44.2 38.0 57.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 18.981 ng  
RT: 9.081 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:216 Resp: 206671  
Ion Ratio Lower Upper  
216 100  
214 79.1 64.9 97.3  
179 21.3 17.4 26.2  
108 16.6 16.5 24.7

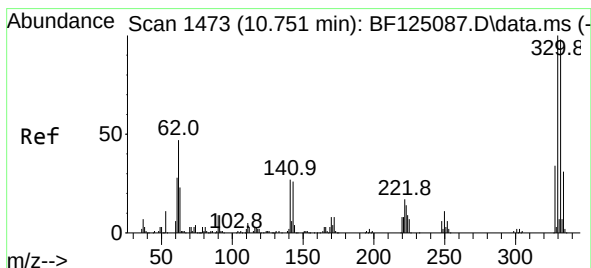
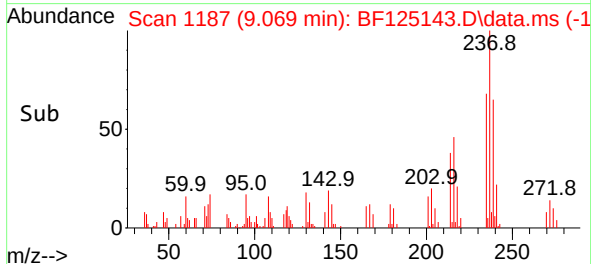
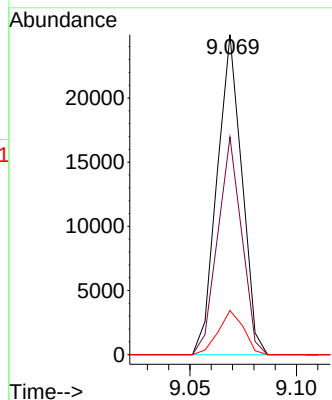
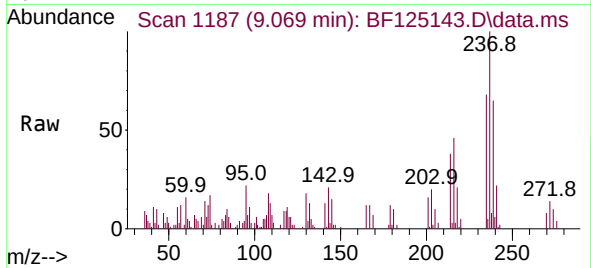




#41  
Hexachlorocyclopentadiene  
Concen: 3.522 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

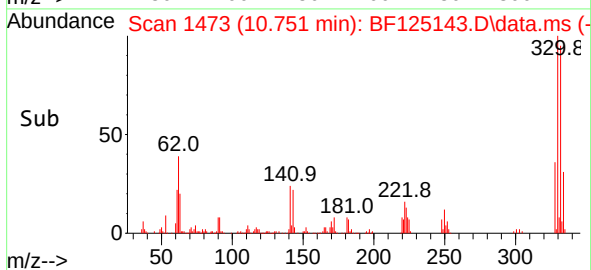
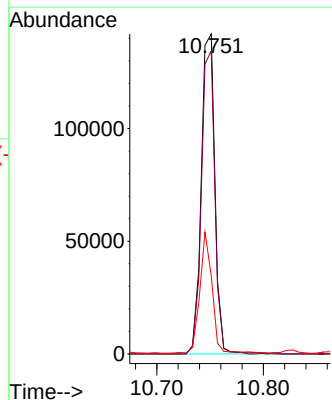
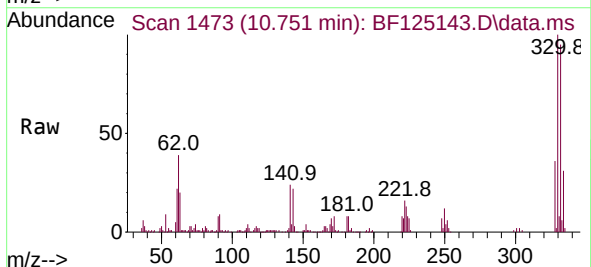
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 20146     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 68.0  | 44.7 84.7 |
| 272         | 13.8  | 0.0 31.6  |

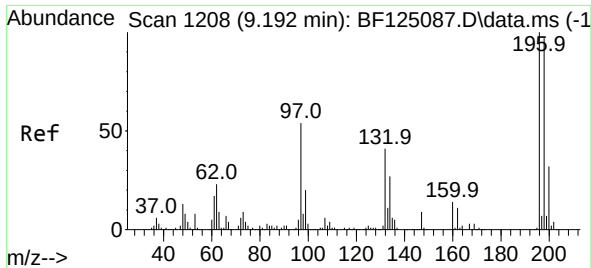


#42  
2,4,6-Tribromophenol  
Concen: 38.087 ng  
RT: 10.751 min Scan# 1473  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 126703     |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 93.3  | 76.2 114.4 |
| 141         | 33.9  | 44.6 66.8# |



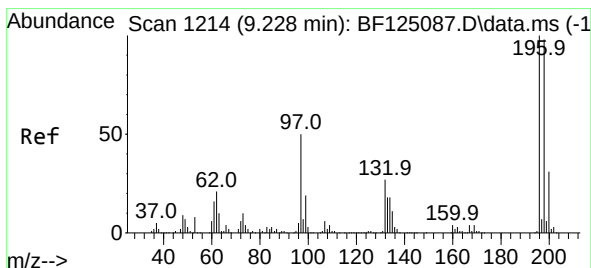
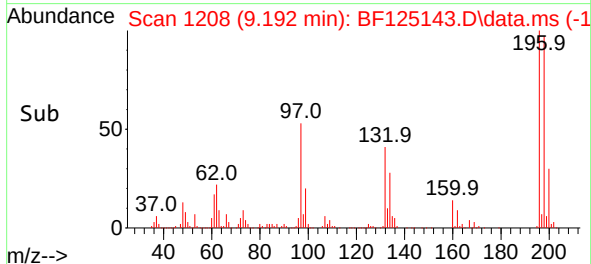
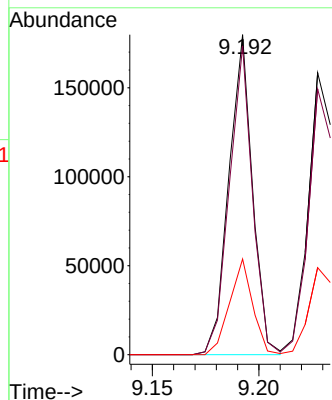
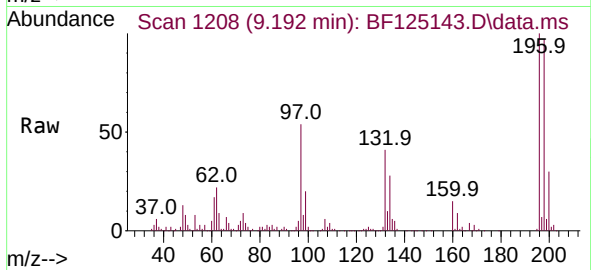




#43  
2,4,6-Trichlorophenol  
Concen: 18.095 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

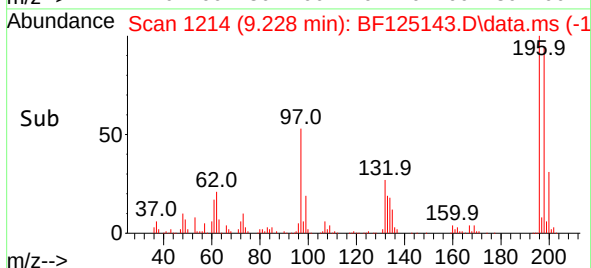
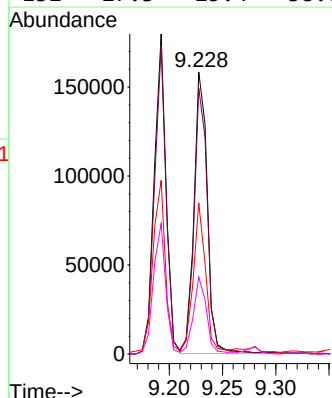
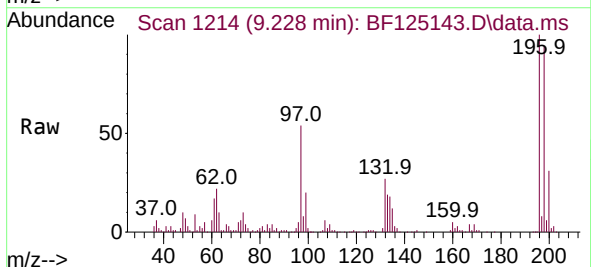
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

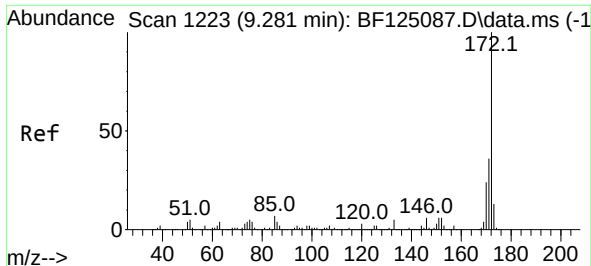
Tgt Ion:196 Resp: 138727  
Ion Ratio Lower Upper  
196 100  
198 96.5 74.9 112.3  
200 29.9 27.0 40.4



#44  
2,4,5-Trichlorophenol  
Concen: 17.164 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:196 Resp: 138439  
Ion Ratio Lower Upper  
196 100  
198 94.3 80.2 120.2  
97 53.6 44.0 66.0  
132 27.3 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 28.359 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF125143.D

Acq: 20 Aug 2021 19:43

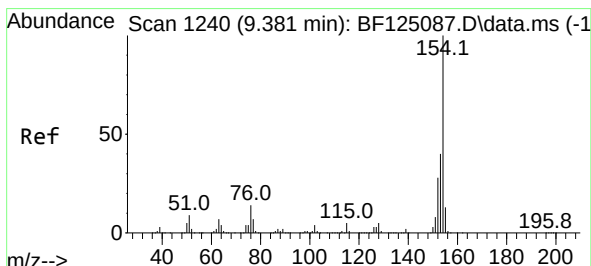
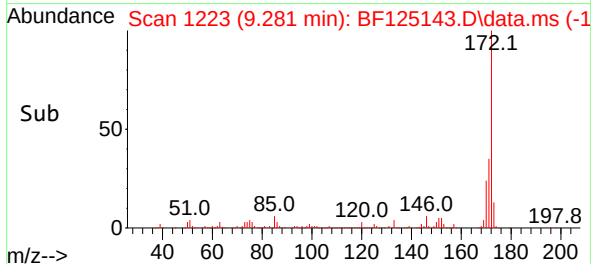
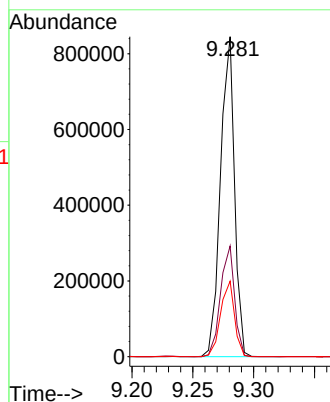
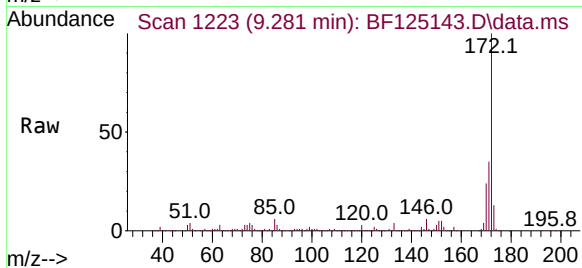
Tgt Ion:172 Resp: 678099

Ion Ratio Lower Upper

172 100

171 34.6 26.5 39.7

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 18.255 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF125143.D

Acq: 20 Aug 2021 19:43

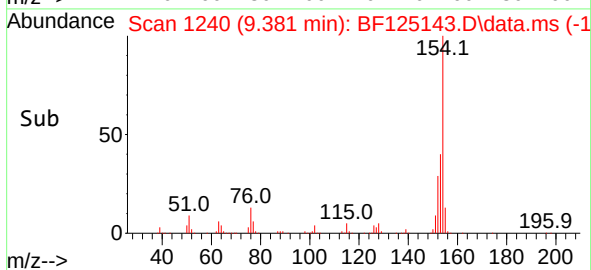
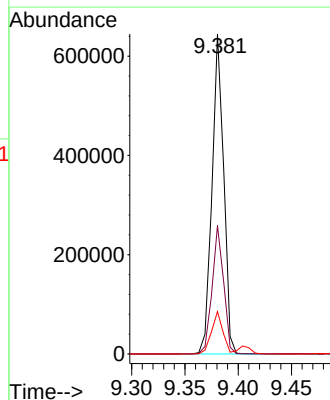
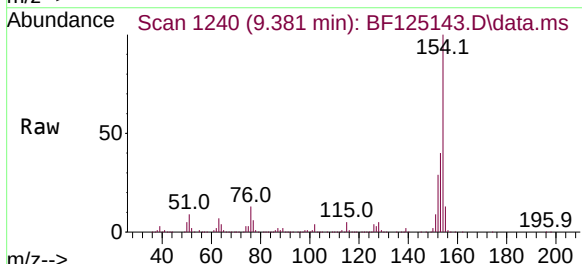
Tgt Ion:154 Resp: 490484

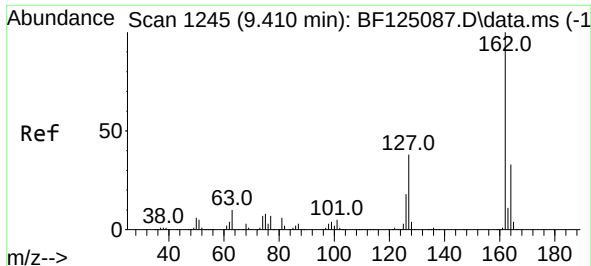
Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 13.2 0.0 30.3

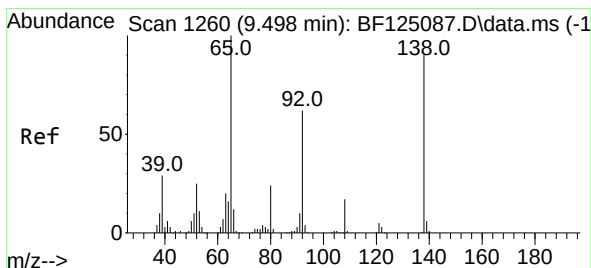
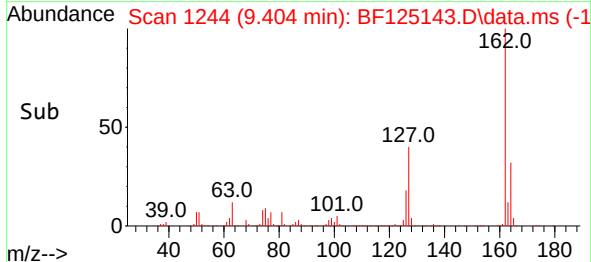
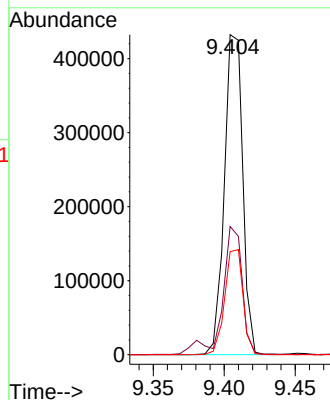
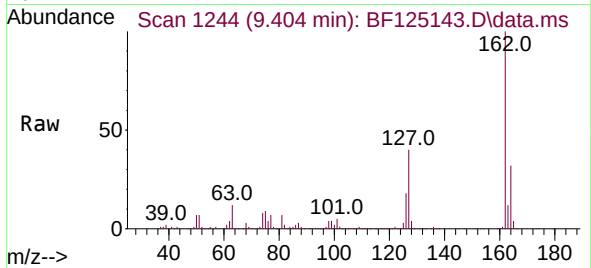




#47  
2-Chloronaphthalene  
Concen: 17.842 ng  
RT: 9.404 min Scan# 1244  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

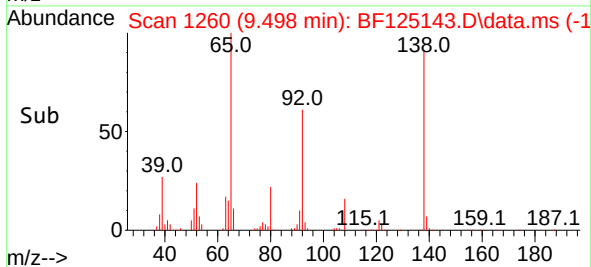
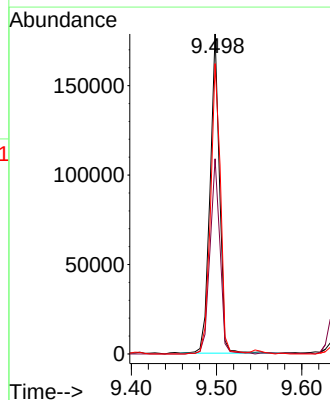
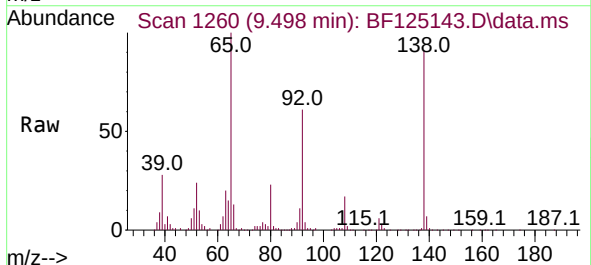
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

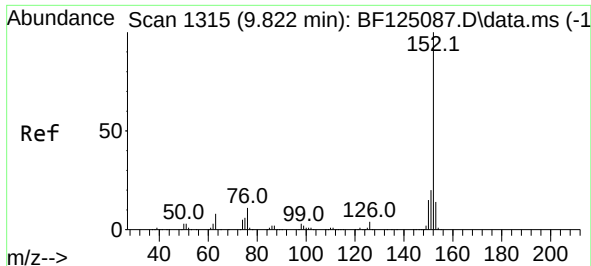
Tgt Ion:162 Resp: 389562  
Ion Ratio Lower Upper  
162 100  
127 40.1 33.0 49.4  
164 32.2 25.8 38.8



#48  
2-Nitroaniline  
Concen: 20.486 ng  
RT: 9.498 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion: 65 Resp: 138651  
Ion Ratio Lower Upper  
65 100  
92 61.0 55.5 83.3  
138 90.8 93.5 140.3#





#49

Acenaphthylene

Concen: 20.247 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BF125143.D

Acq: 20 Aug 2021 19:43

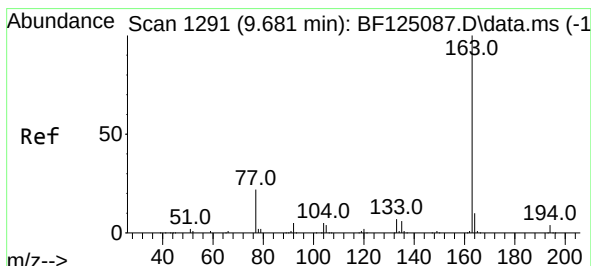
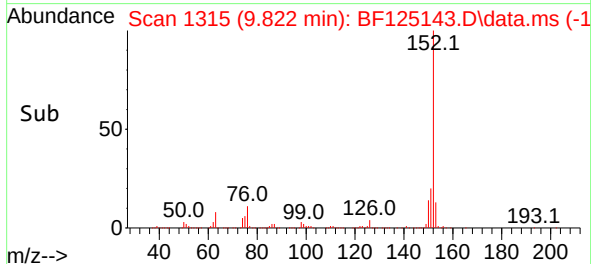
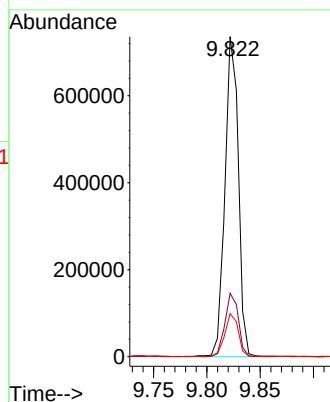
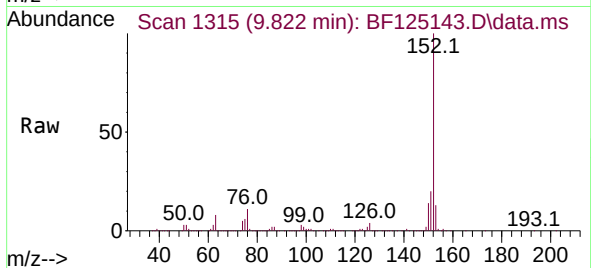
Instrument :

BNA\_F

ClientSampleId :

OR-03-081821MSD

|             |                |
|-------------|----------------|
| Tgt Ion:152 | Resp: 644179   |
| Ion Ratio   | Lower Upper    |
| 152         | 100            |
| 151         | 19.8 15.7 23.5 |
| 153         | 13.4 9.8 14.8  |



#50

Dimethylphthalate

Concen: 20.325 ng

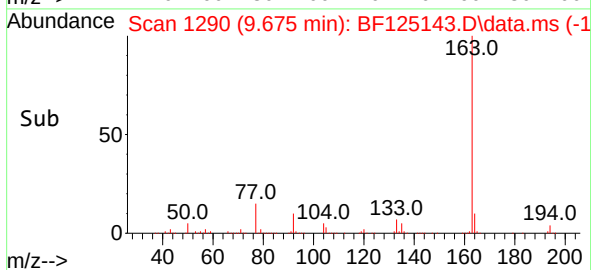
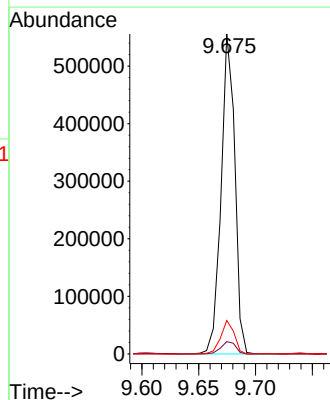
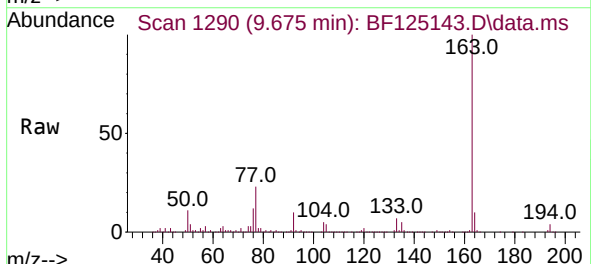
RT: 9.675 min Scan# 1290

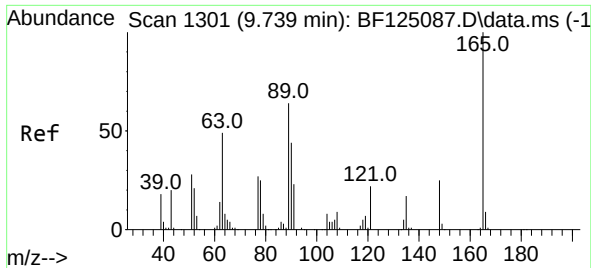
Delta R.T. -0.006 min

Lab File: BF125143.D

Acq: 20 Aug 2021 19:43

|             |               |
|-------------|---------------|
| Tgt Ion:163 | Resp: 469397  |
| Ion Ratio   | Lower Upper   |
| 163         | 100           |
| 194         | 3.8 2.6 3.8#  |
| 164         | 10.5 7.4 11.0 |

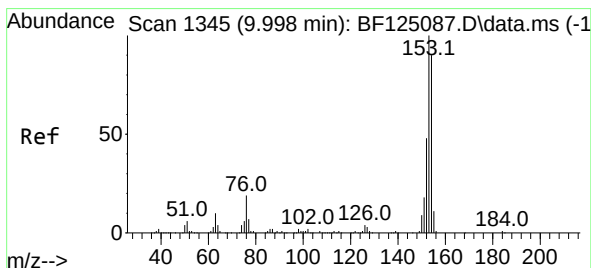
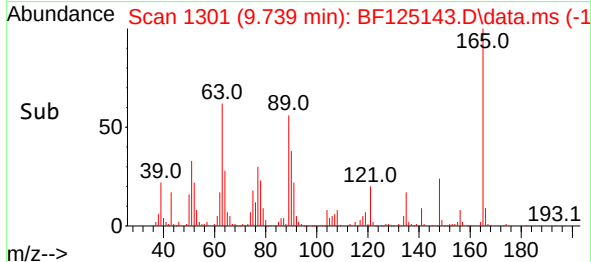
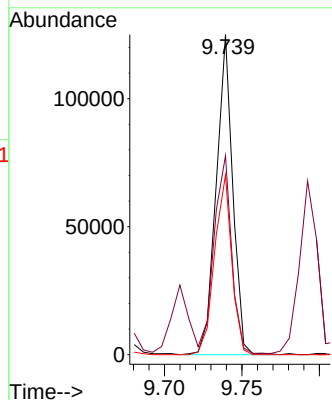
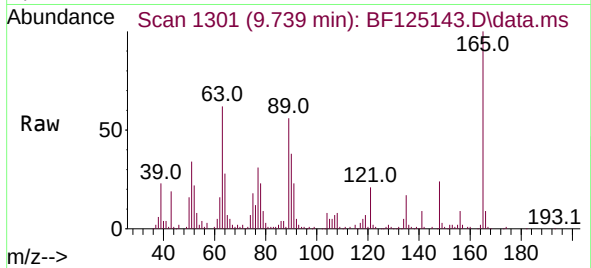




#51  
2,6-Dinitrotoluene  
Concen: 18.517 ng  
RT: 9.739 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

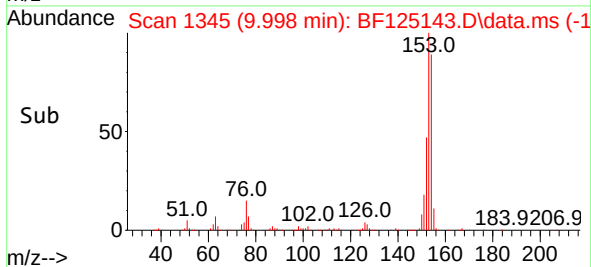
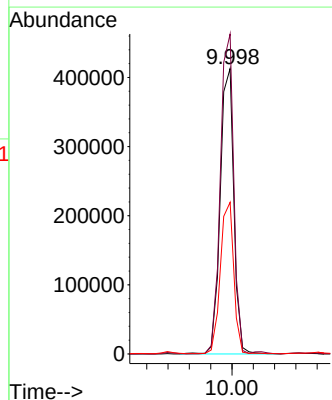
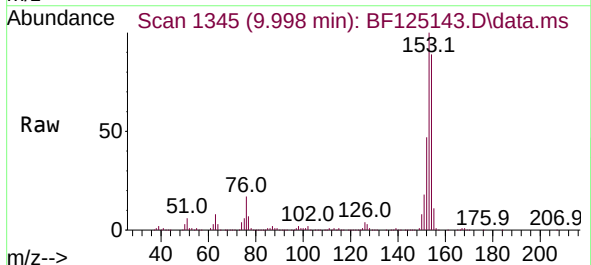
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

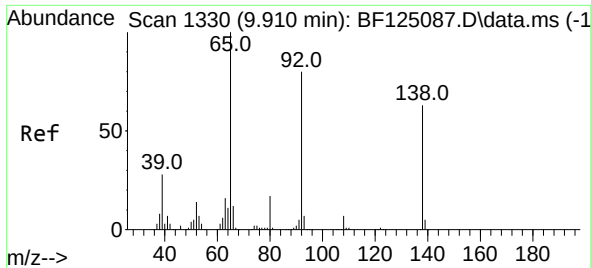
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 92731 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 62.2  | 42.6  | 63.8  |
| 89        | 56.2  | 40.6  | 60.8  |



#52  
Acenaphthene  
Concen: 18.493 ng  
RT: 9.998 min Scan# 1345  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 364752 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.1 | 89.4  | 134.2  |
| 152       | 53.1  | 40.5  | 60.7   |

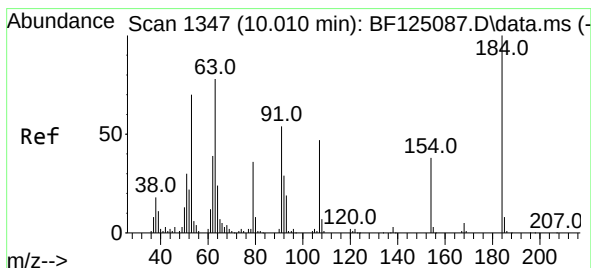
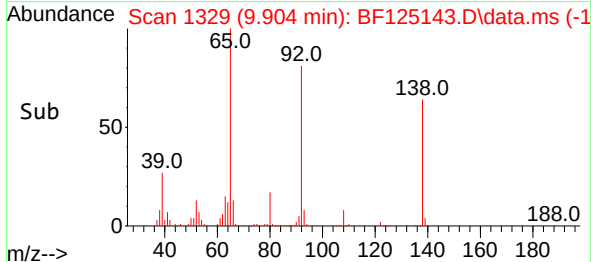
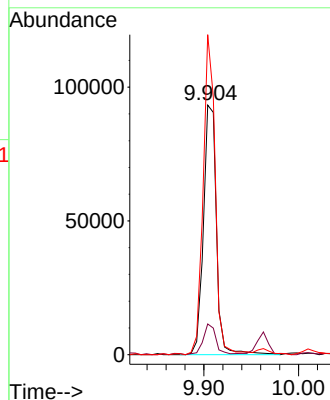
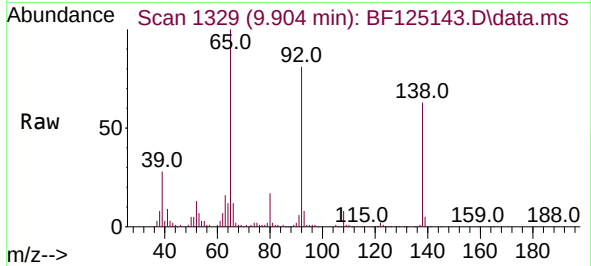




#53  
3-Nitroaniline  
Concen: 16.433 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

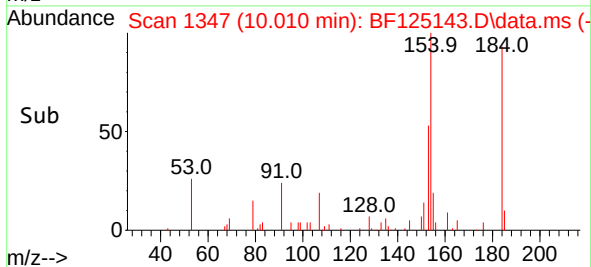
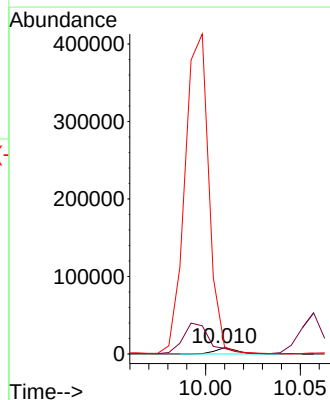
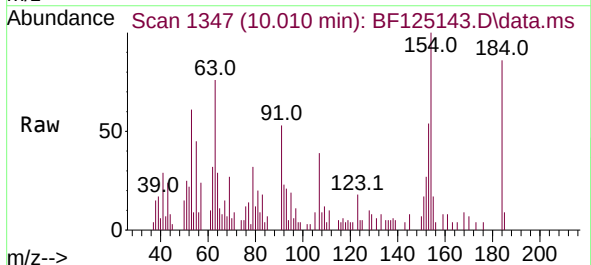
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

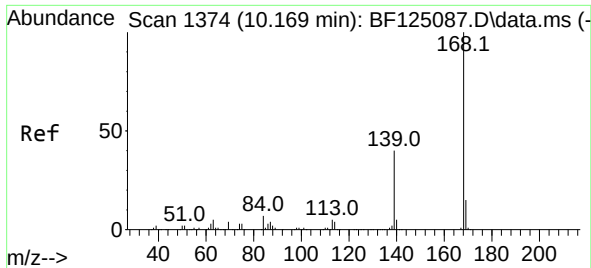
Tgt Ion:138 Resp: 88743  
Ion Ratio Lower Upper  
138 100  
108 12.3 9.3 13.9  
92 128.2 76.5 114.7#



#54  
2,4-Dinitrophenol  
Concen: 3.165 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:184 Resp: 6260  
Ion Ratio Lower Upper  
184 100  
63 89.1 59.3 88.9#  
154 116.6 68.6 102.8#

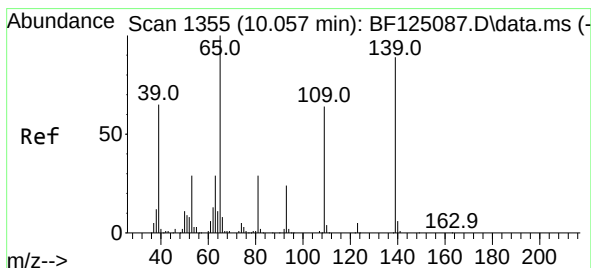
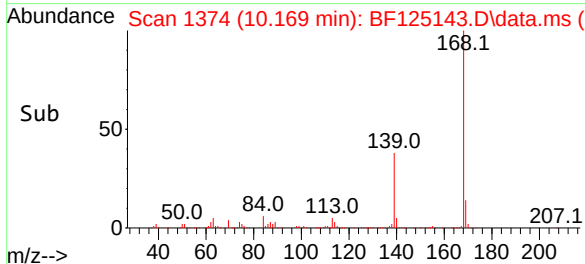
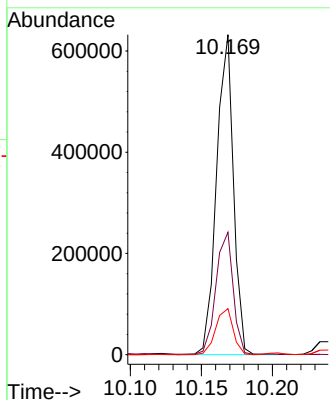
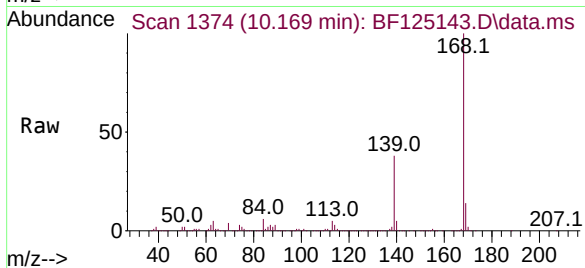




#55  
Dibenzofuran  
Concen: 18.389 ng  
RT: 10.169 min Scan# 1374  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

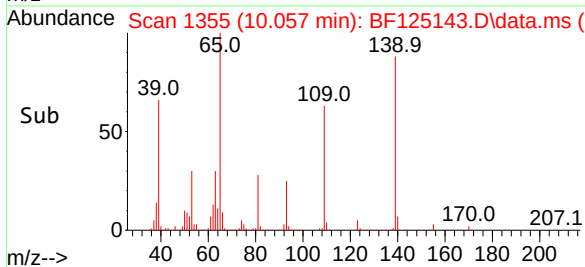
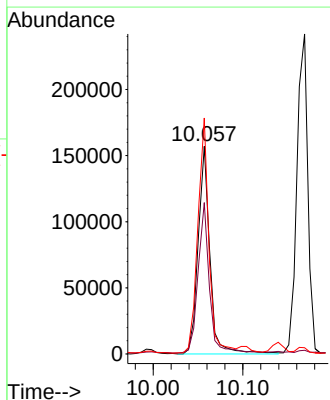
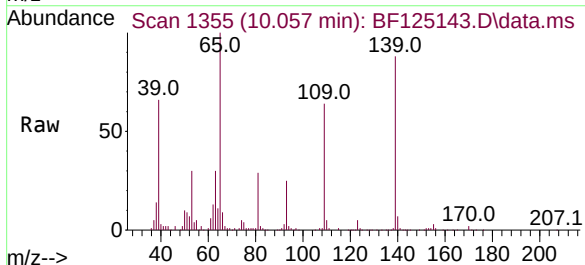
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

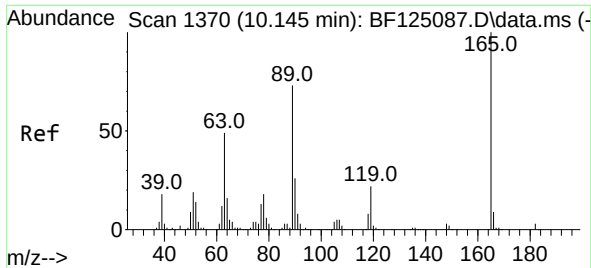
Tgt Ion:168 Resp: 521981  
Ion Ratio Lower Upper  
168 100  
139 38.3 32.7 49.1  
169 14.4 11.2 16.8



#56  
4-Nitrophenol  
Concen: 33.578 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:139 Resp: 143600  
Ion Ratio Lower Upper  
139 100  
109 72.9 60.4 100.4  
65 113.7 58.4 98.4#

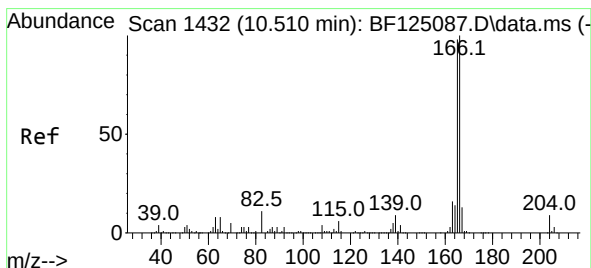
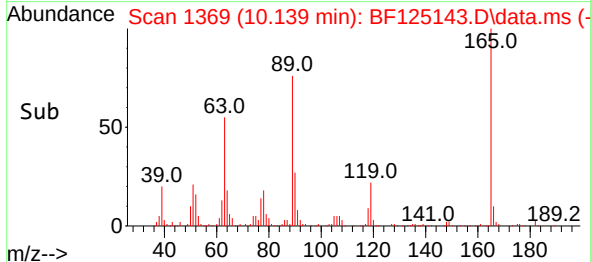
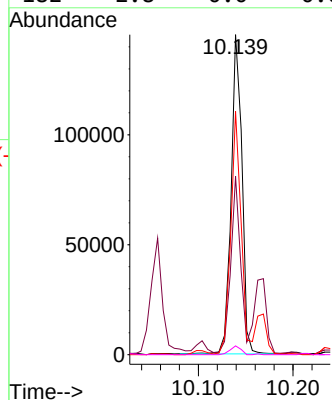
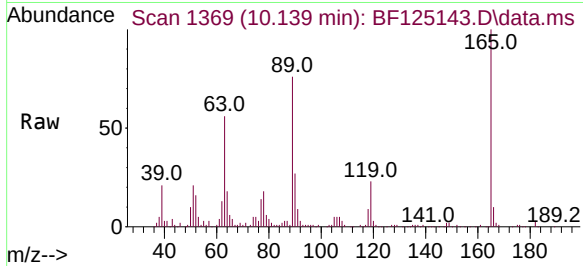




#57  
2,4-Dinitrotoluene  
Concen: 19.013 ng  
RT: 10.139 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

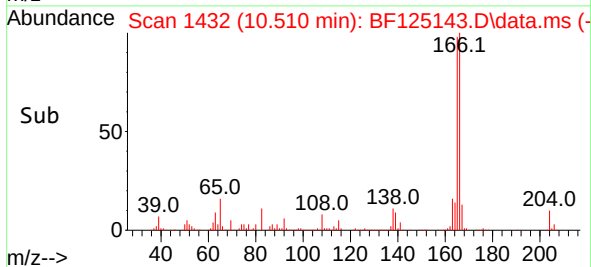
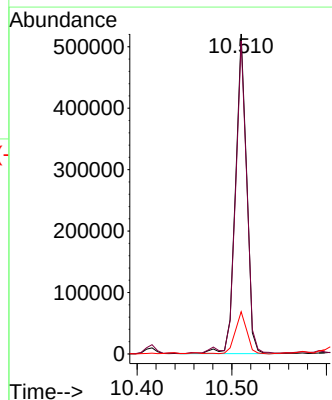
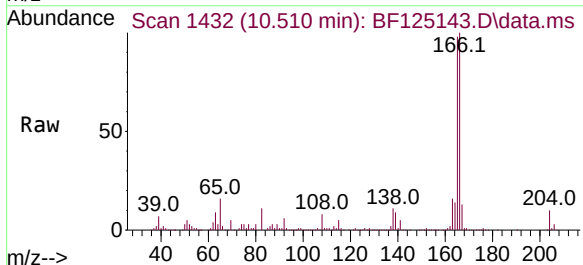
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

Tgt Ion:165 Resp: 115234  
Ion Ratio Lower Upper  
165 100  
63 55.8 40.9 61.3  
89 76.0 59.7 89.5  
182 2.8 0.0 0.0#

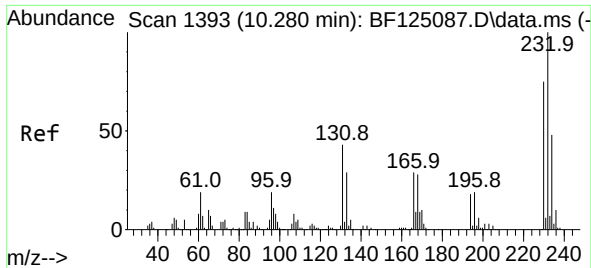


#58  
Fluorene  
Concen: 20.250 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:166 Resp: 424956  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.1 117.1  
167 13.2 11.1 16.7





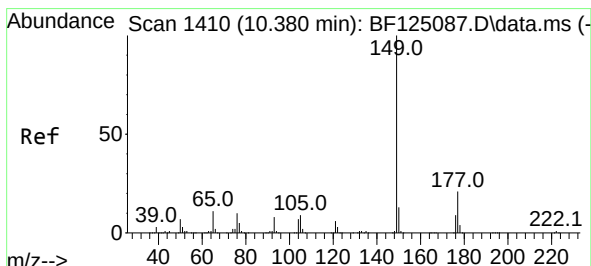
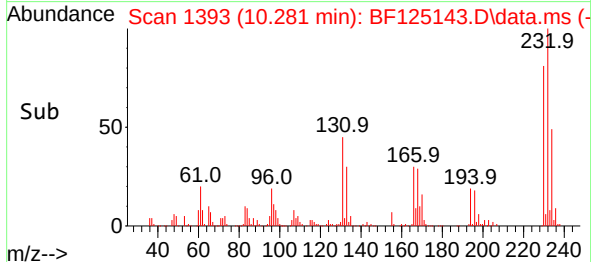
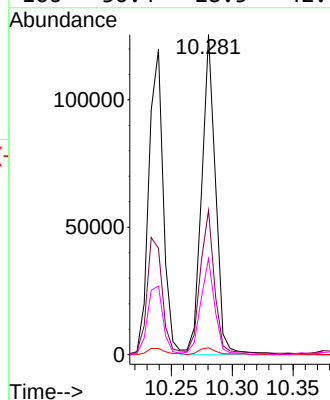
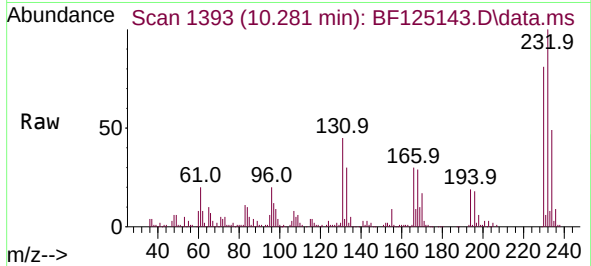


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 16.766 ng  
RT: 10.281 min Scan# 1393  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

Tgt Ion:232 Resp: 100359

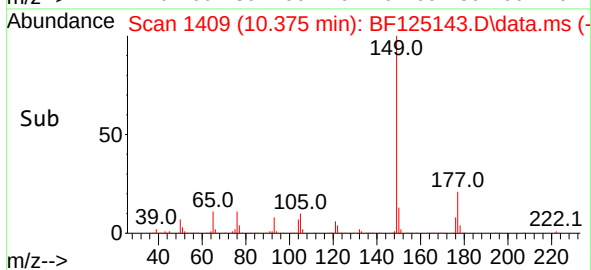
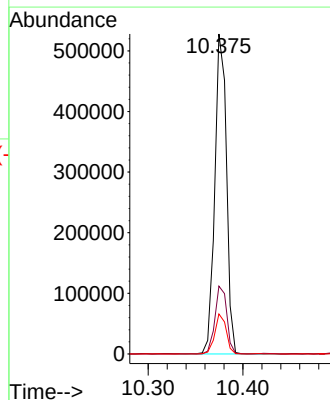
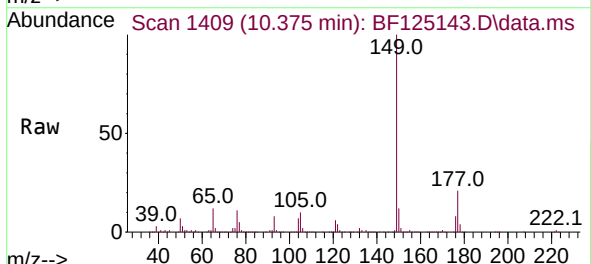
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 46.2  | 45.4  | 68.0  |
| 130 | 2.9   | 0.0   | 0.0#  |
| 166 | 30.4  | 28.5  | 42.7  |

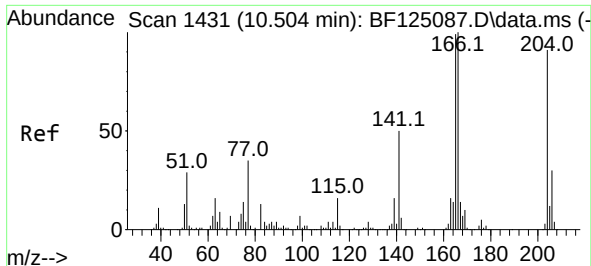


#60  
Diethylphthalate  
Concen: 20.027 ng  
RT: 10.375 min Scan# 1409  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:149 Resp: 450901

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 21.2  | 16.5  | 24.7  |
| 150 | 12.5  | 10.1  | 15.1  |

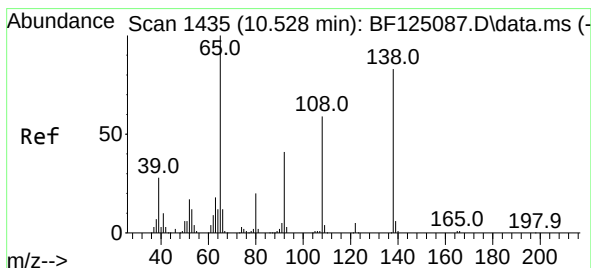
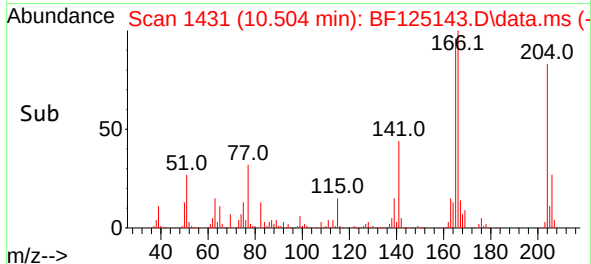
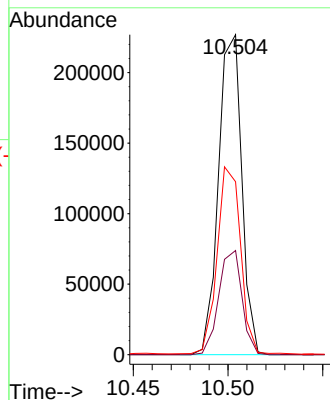
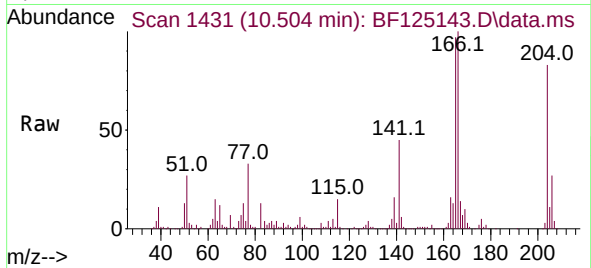




#61  
4-Chlorophenyl-phenylether  
Concen: 18.299 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

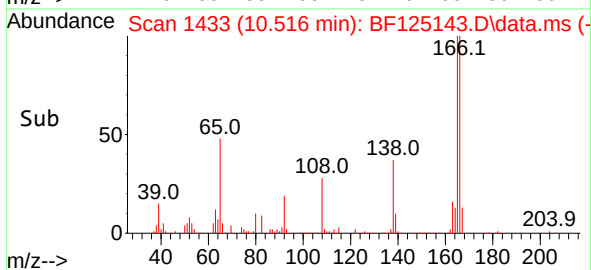
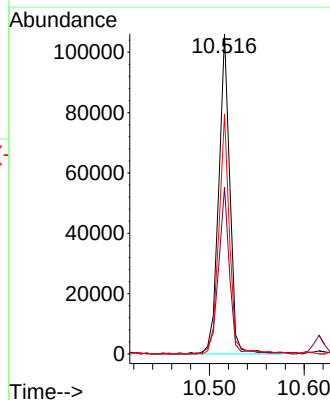
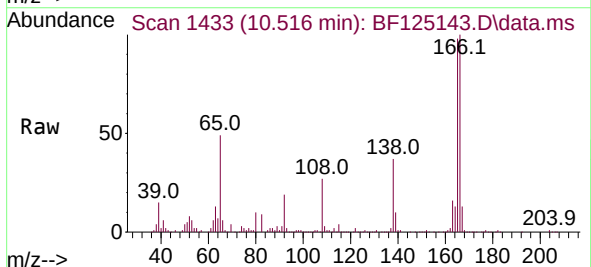
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

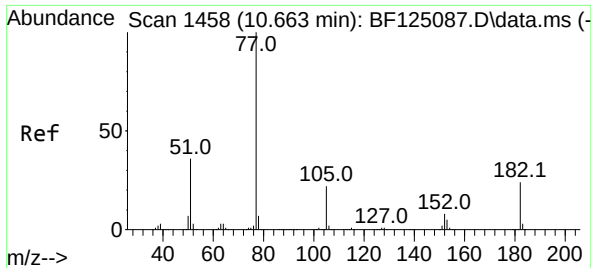
Tgt Ion:204 Resp: 194158  
Ion Ratio Lower Upper  
204 100  
206 32.6 27.6 41.4  
141 54.0 58.6 88.0#



#62  
4-Nitroaniline  
Concen: 17.969 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. -0.012 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:138 Resp: 87264  
Ion Ratio Lower Upper  
138 100  
92 52.2 29.6 69.6  
108 75.0 78.1 118.1#

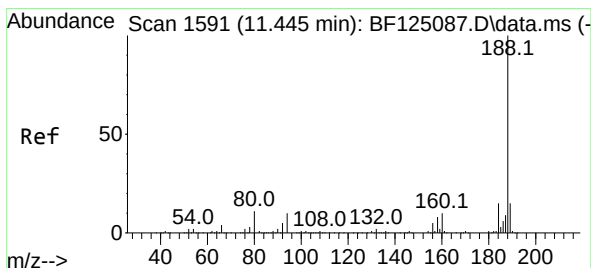
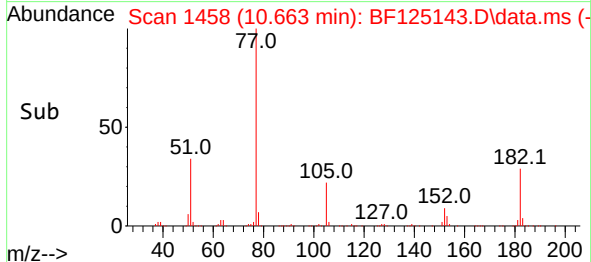
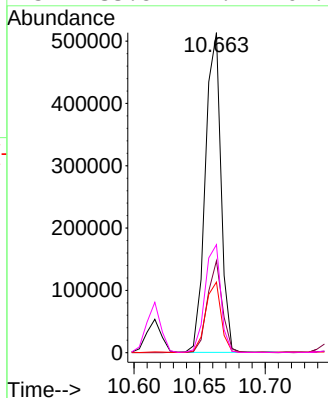
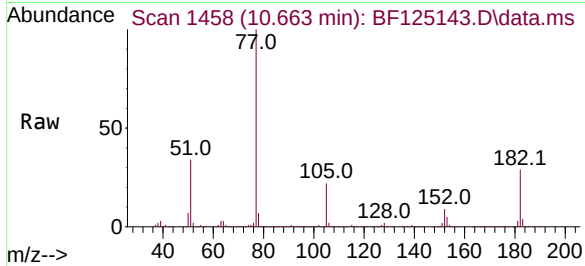




#63  
Azobenzene  
Concen: 16.870 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

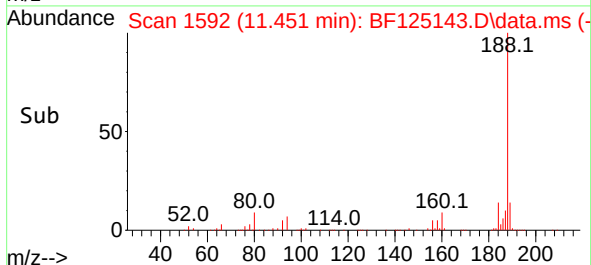
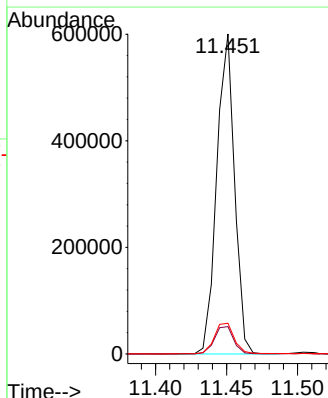
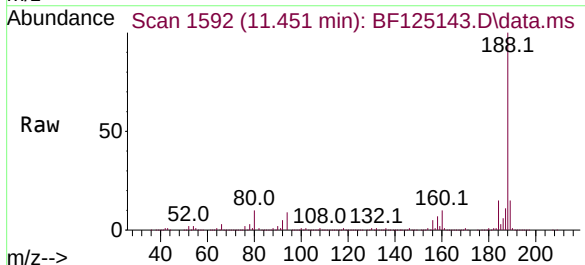
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

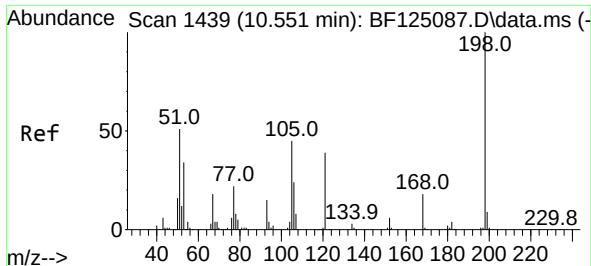
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 426036 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 28.7    | 6.3 46.3     |
| 105 22.1    | 2.9 42.9     |
| 51 33.8     | 24.1 64.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 522667 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 8.6       | 6.7 10.1     |
| 80 9.6       | 7.5 11.3     |

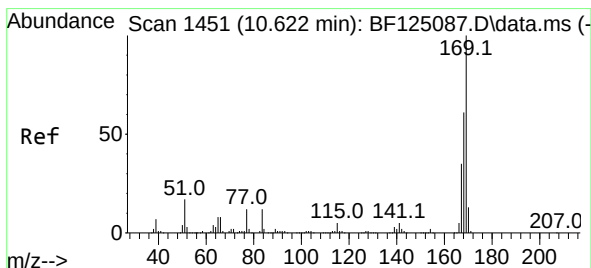
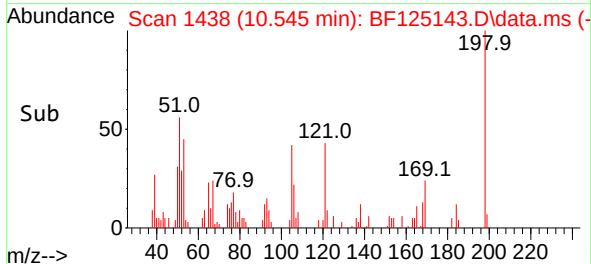
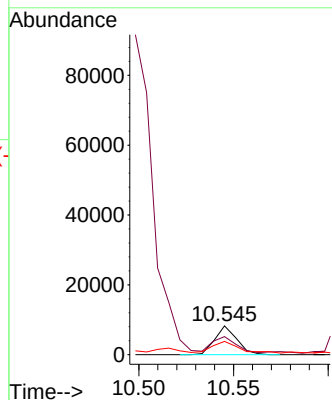
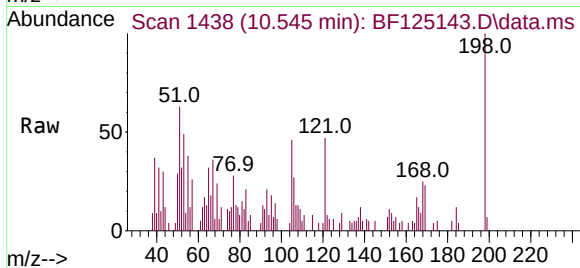




#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.393 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

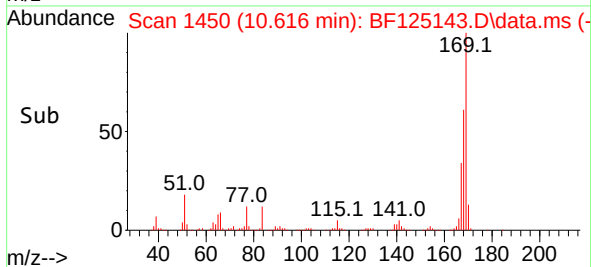
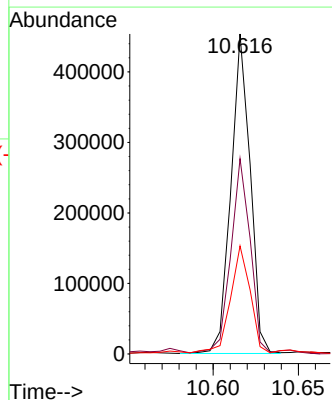
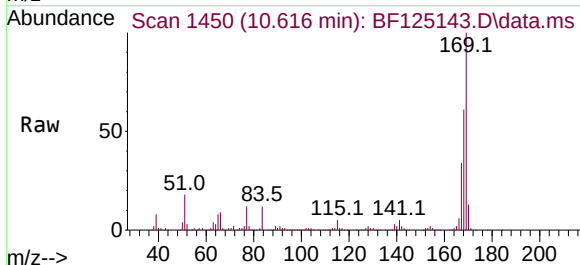
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

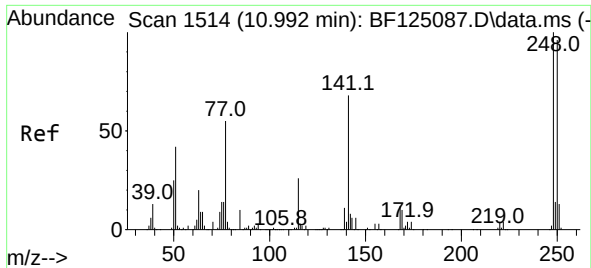
Tgt Ion:198 Resp: 6619  
Ion Ratio Lower Upper  
198 100  
51 62.9 45.3 85.3  
105 46.1 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 19.042 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:169 Resp: 356368  
Ion Ratio Lower Upper  
169 100  
168 61.1 50.8 76.2  
167 33.8 28.8 43.2

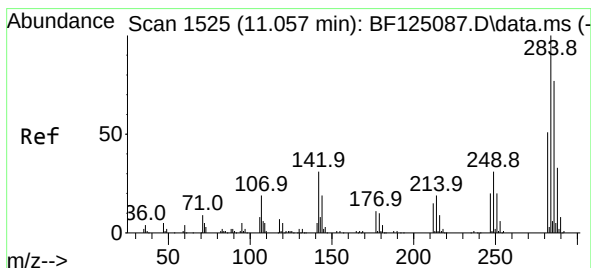
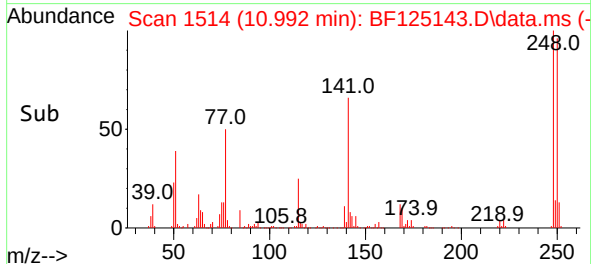
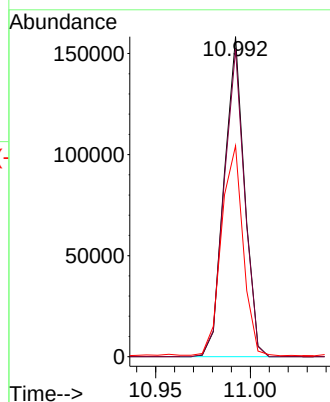
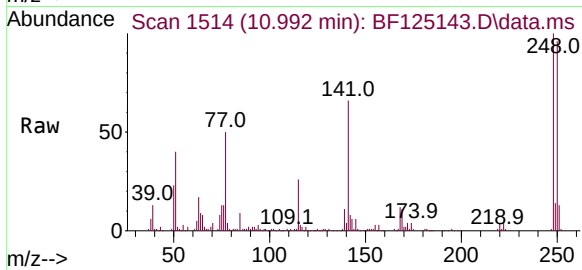




#67  
4-Bromophenyl-phenylether  
Concen: 18.771 ng  
RT: 10.992 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

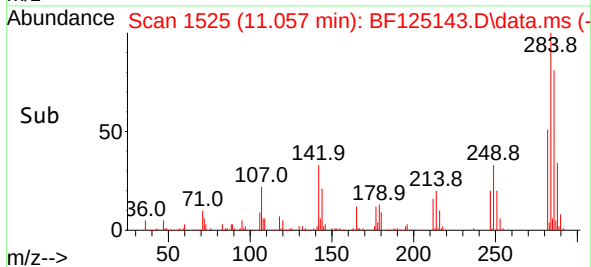
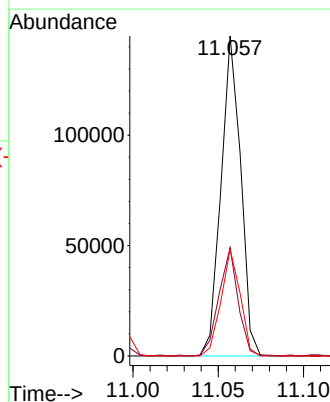
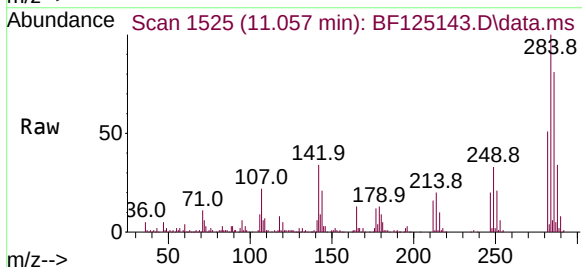
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

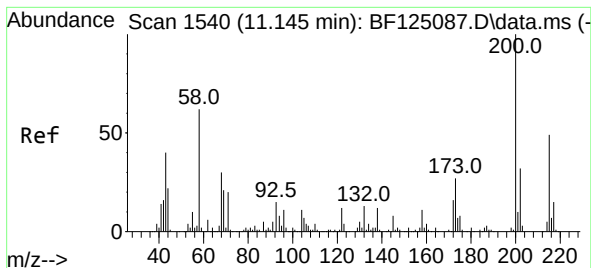
Tgt Ion:248 Resp: 117811  
Ion Ratio Lower Upper  
248 100  
250 96.0 74.2 111.4  
141 65.9 60.4 90.6



#68  
Hexachlorobenzene  
Concen: 18.000 ng  
RT: 11.057 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:284 Resp: 116219  
Ion Ratio Lower Upper  
284 100  
142 33.9 36.4 54.6#  
249 33.3 25.6 38.4





#69

Atrazine

Concen: 21.817 ng

RT: 11.139 min Scan# 1539

Delta R.T. -0.006 min

Lab File: BF125143.D

Acq: 20 Aug 2021 19:43

Tgt Ion:200 Resp: 117163

Ion Ratio Lower Upper

200 100

173 28.0 11.1 51.1

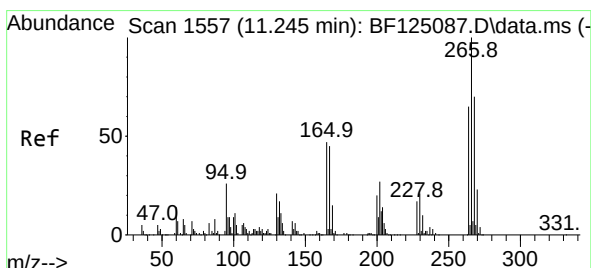
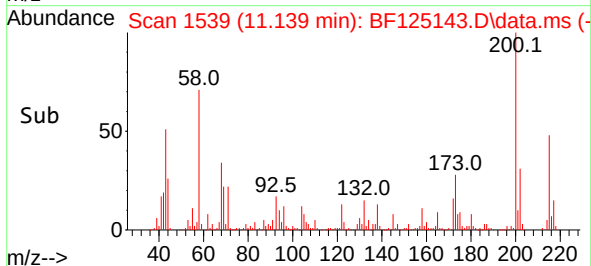
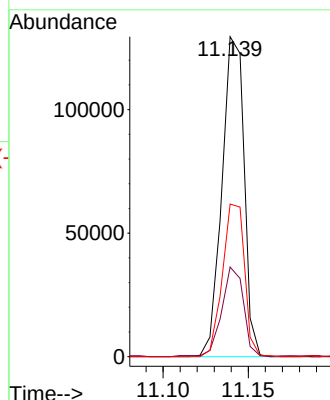
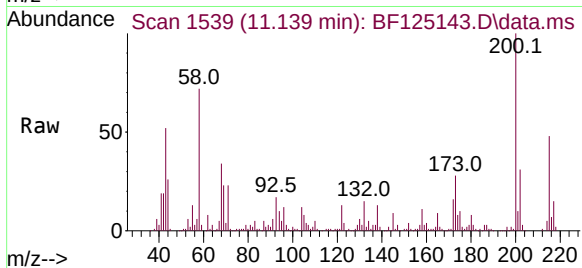
215 47.7 22.7 62.7

Instrument :

BNA\_F

ClientSampleId :

OR-03-081821MSD



#70

Pentachlorophenol

Concen: 32.600 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.006 min

Lab File: BF125143.D

Acq: 20 Aug 2021 19:43

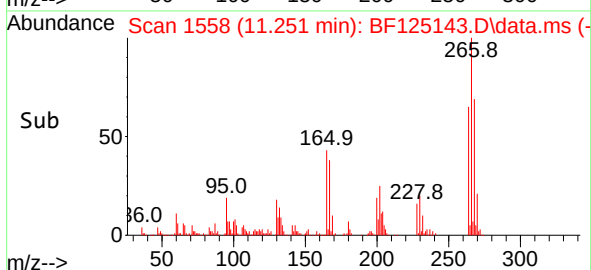
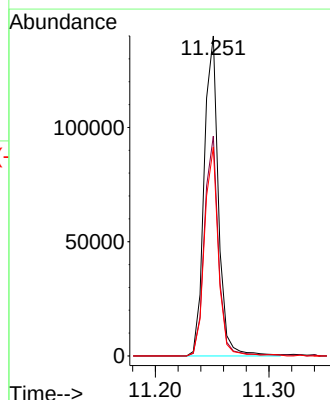
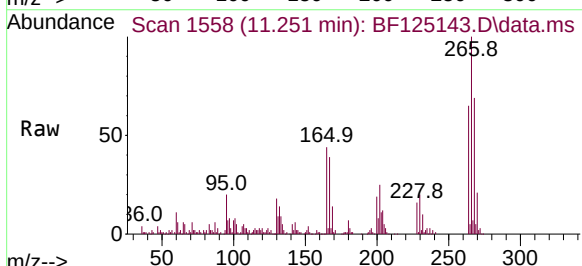
Tgt Ion:266 Resp: 122903

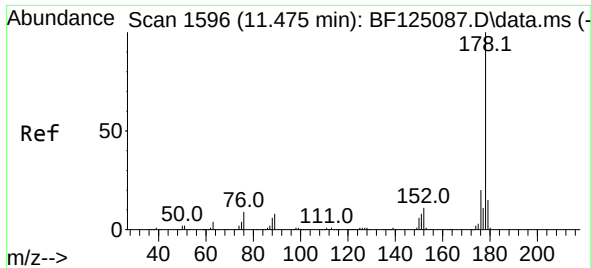
Ion Ratio Lower Upper

266 100

268 68.7 48.9 73.3

264 65.2 55.9 83.9

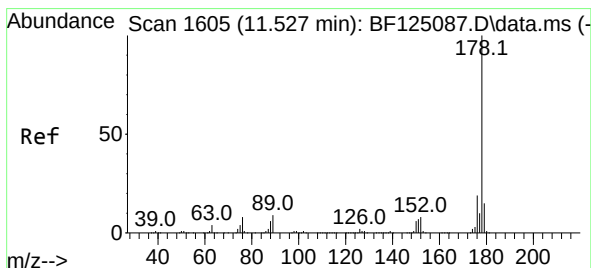
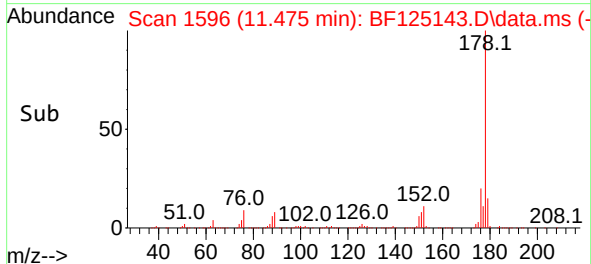
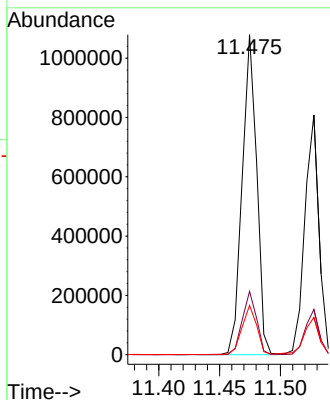
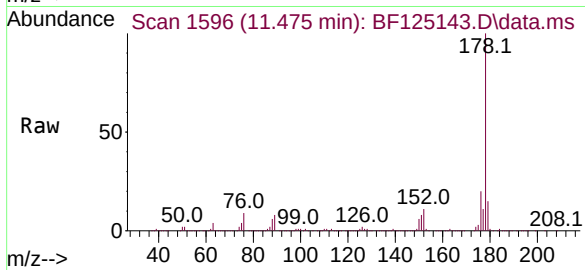




#71  
Phenanthrene  
Concen: 31.086 ng  
RT: 11.475 min Scan# 1596  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

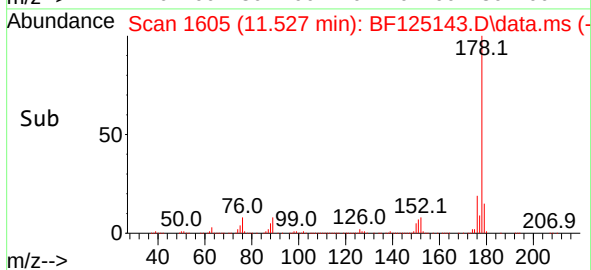
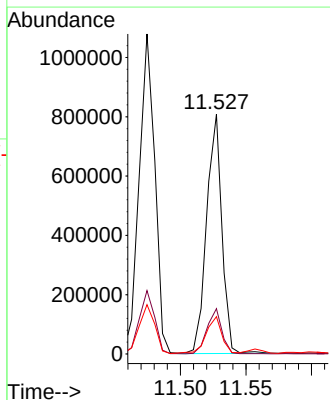
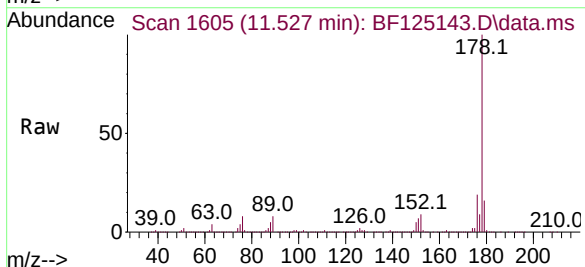
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

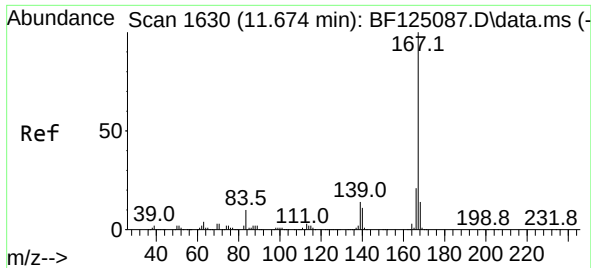
Tgt Ion:178 Resp: 895245  
Ion Ratio Lower Upper  
178 100  
176 19.8 14.7 22.1  
179 15.4 11.5 17.3



#72  
Anthracene  
Concen: 23.155 ng  
RT: 11.527 min Scan# 1605  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:178 Resp: 657296  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.3 21.5  
179 15.6 12.2 18.4

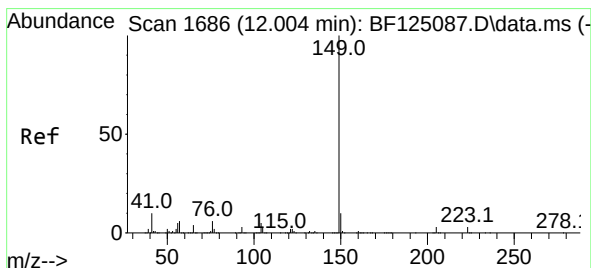
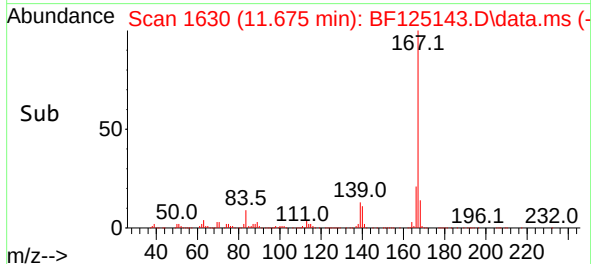
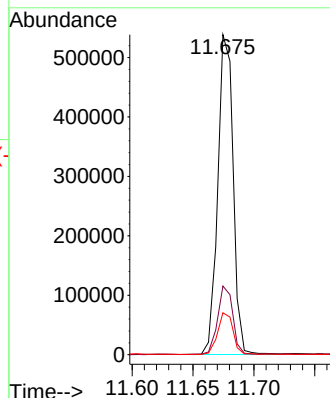
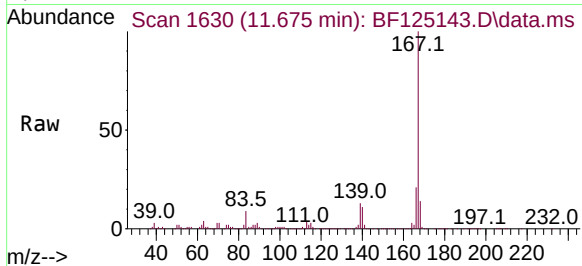




#73  
Carbazole  
Concen: 18.268 ng  
RT: 11.675 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

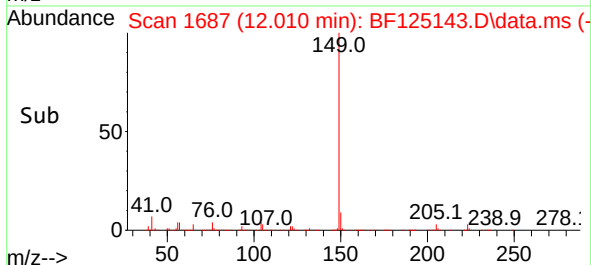
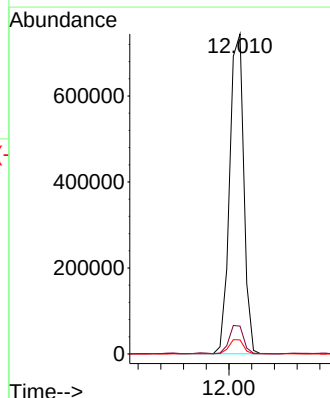
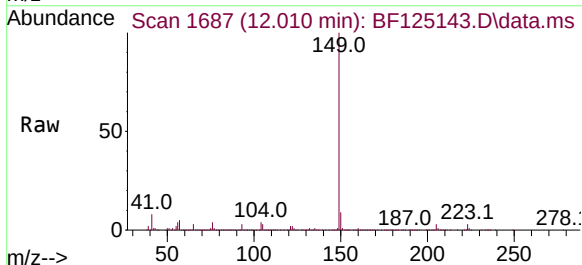
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

Tgt Ion:167 Resp: 473869  
Ion Ratio Lower Upper  
167 100  
166 21.4 17.4 26.0  
139 13.1 11.0 16.4

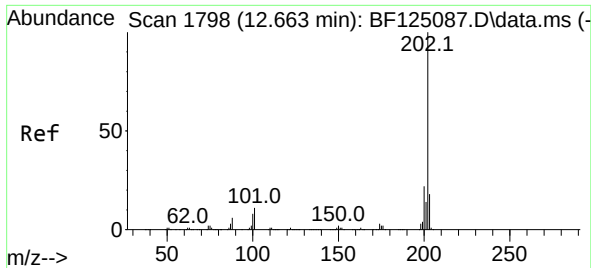


#74  
Di-n-butylphthalate  
Concen: 20.927 ng  
RT: 12.010 min Scan# 1687  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:149 Resp: 644200  
Ion Ratio Lower Upper  
149 100  
150 8.7 7.4 11.2  
104 4.4 4.1 6.1



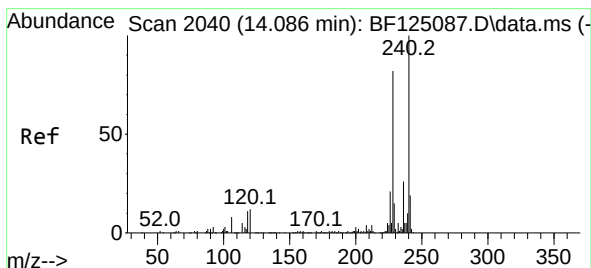
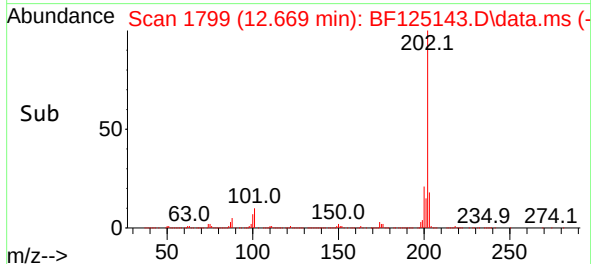
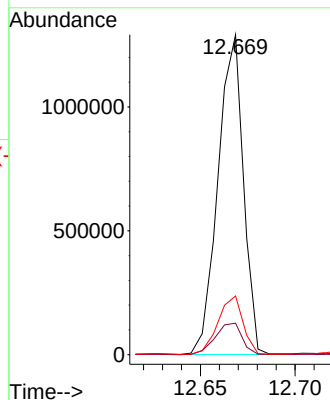
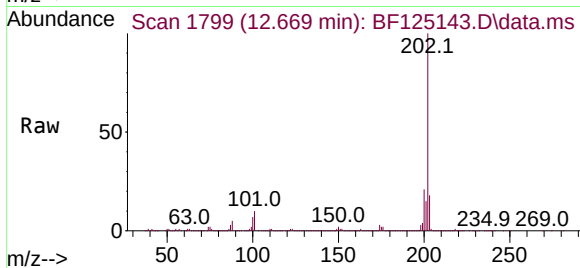




#75  
Fluoranthene  
Concen: 42.118 ng  
RT: 12.669 min Scan# 1799  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

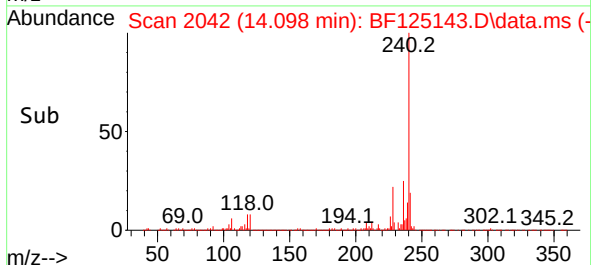
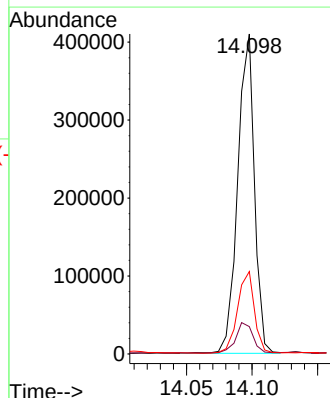
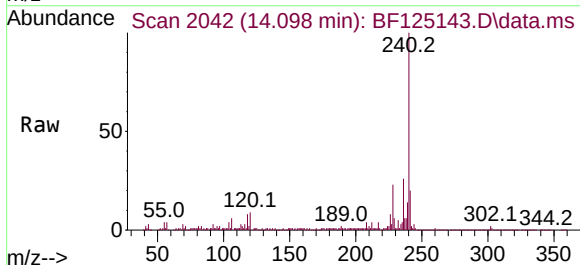
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

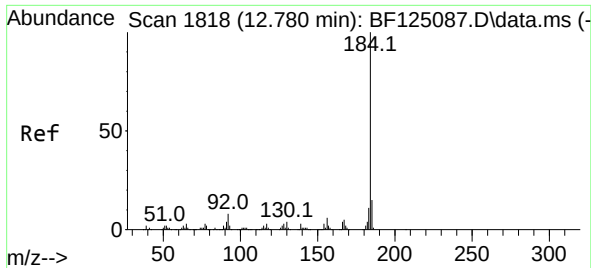
Tgt Ion:202 Resp: 1203571  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 30.7  
203 18.3 0.0 36.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.098 min Scan# 2042  
Delta R.T. 0.012 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:240 Resp: 363756  
Ion Ratio Lower Upper  
240 100  
120 8.6 10.8 16.2#  
236 25.8 21.6 32.4

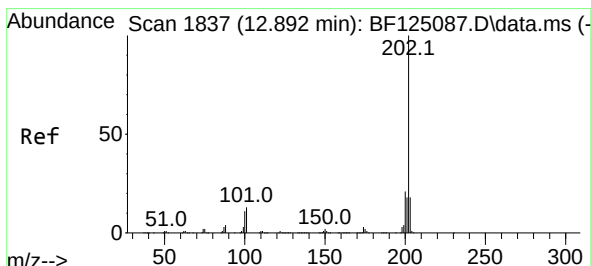
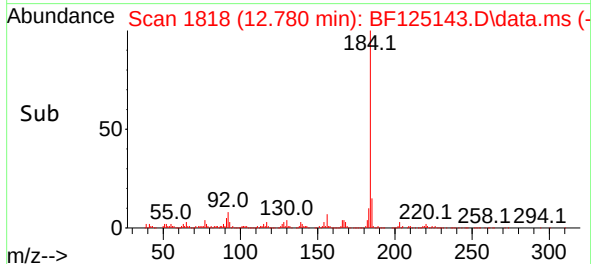
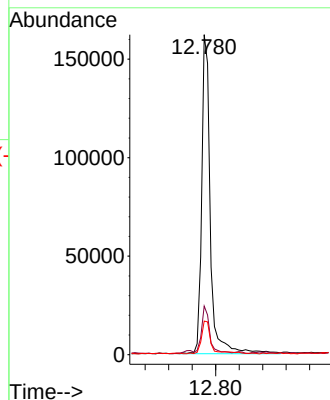
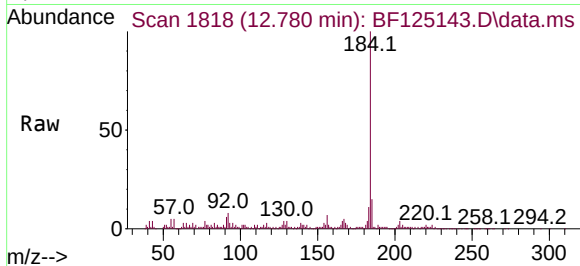




#77  
Benzidine  
Concen: 12.994 ng  
RT: 12.780 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

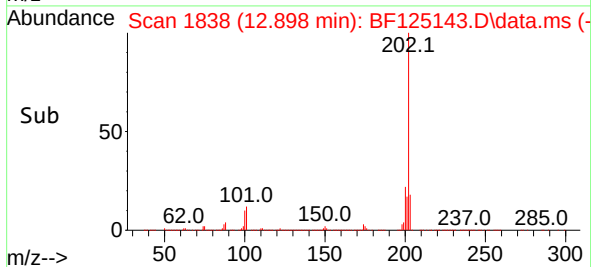
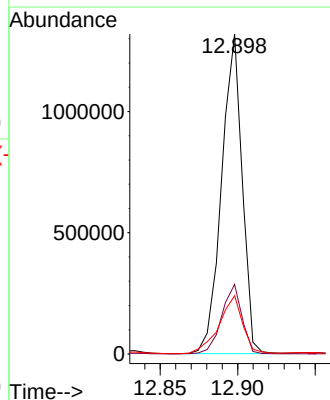
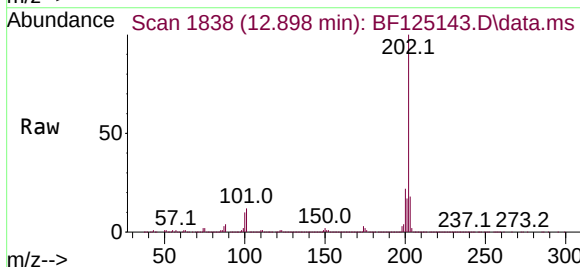
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

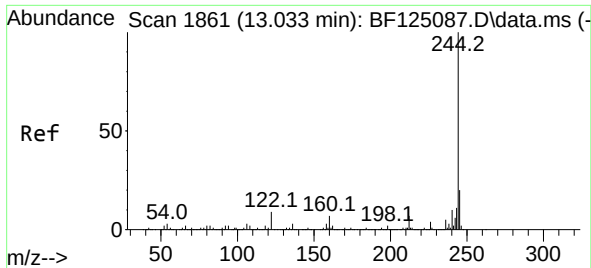
Tgt Ion:184 Resp: 165073  
Ion Ratio Lower Upper  
184 100  
185 15.2 10.8 16.2  
183 10.5 8.1 12.1



#78  
Pyrene  
Concen: 38.922 ng  
RT: 12.898 min Scan# 1838  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:202 Resp: 1214499  
Ion Ratio Lower Upper  
202 100  
200 21.8 15.3 22.9  
203 18.2 13.4 20.0

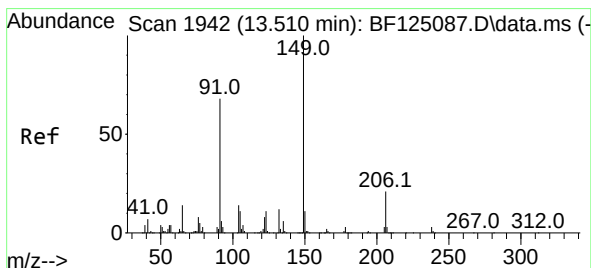
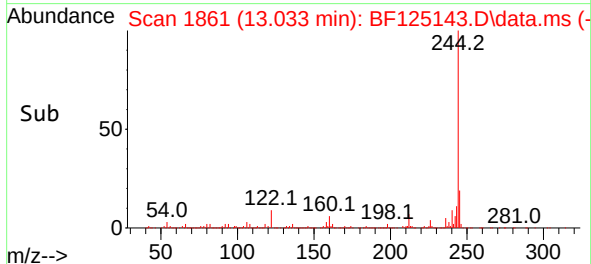
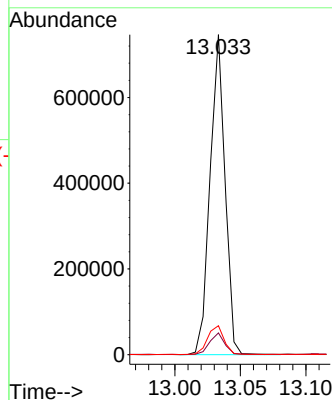
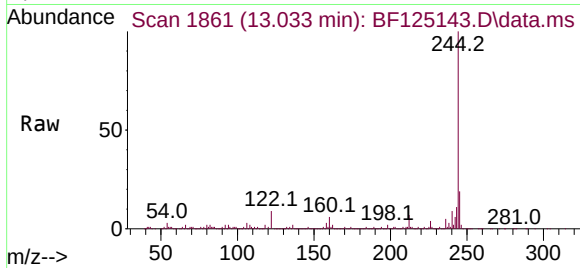




#79  
Terphenyl-d14  
Concen: 26.069 ng  
RT: 13.033 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

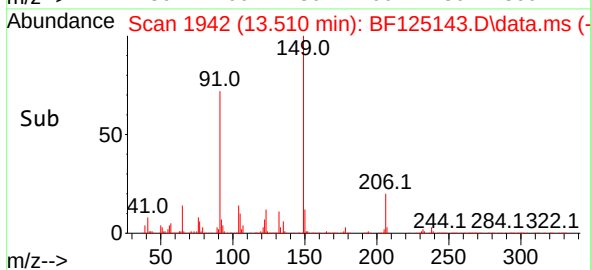
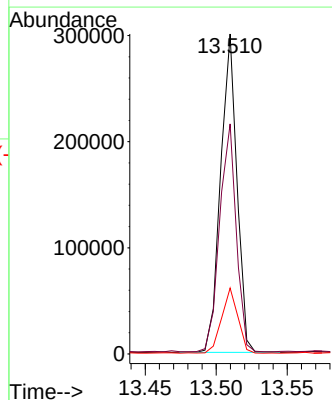
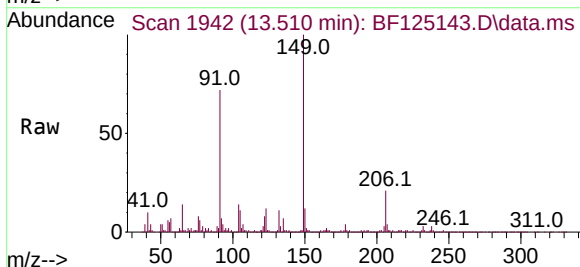
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

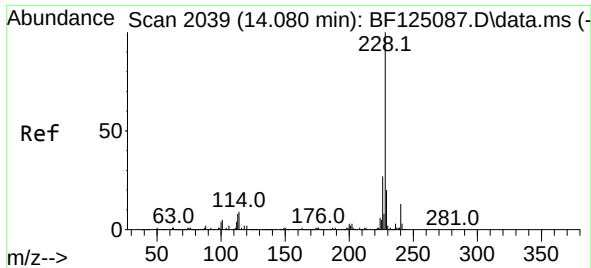
Tgt Ion:244 Resp: 595246  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 9.0 9.0 13.4



#80  
Butylbenzylphthalate  
Concen: 19.549 ng  
RT: 13.510 min Scan# 1942  
Delta R.T. 0.000 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:149 Resp: 239689  
Ion Ratio Lower Upper  
149 100  
91 71.9 51.8 77.8  
206 20.6 14.5 21.7

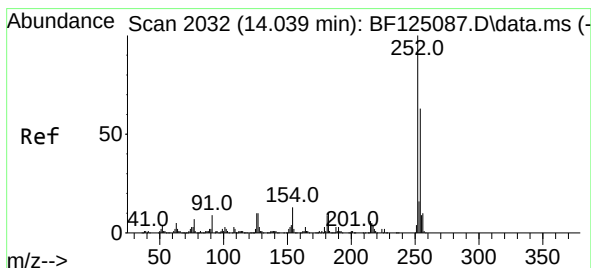
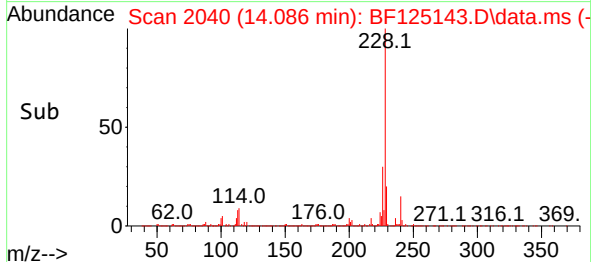
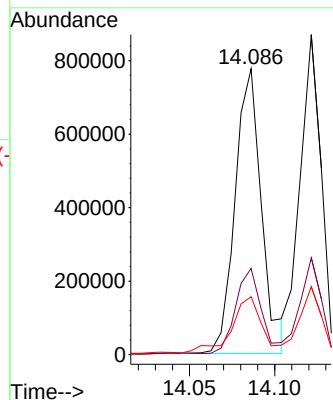
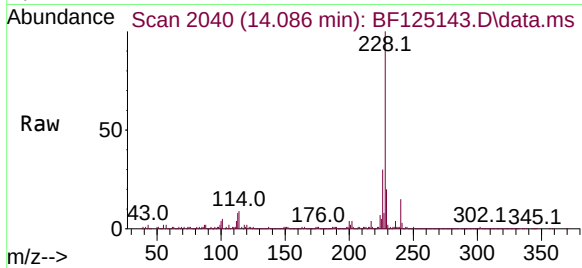




#81  
Benzo(a)anthracene  
Concen: 31.761 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

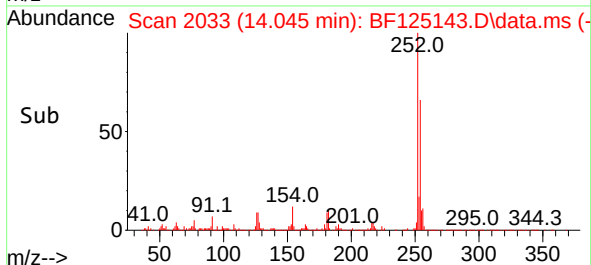
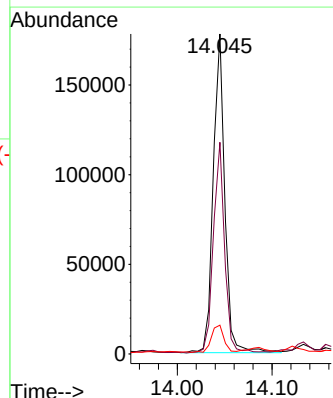
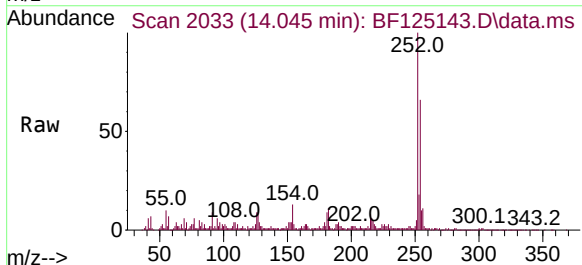
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

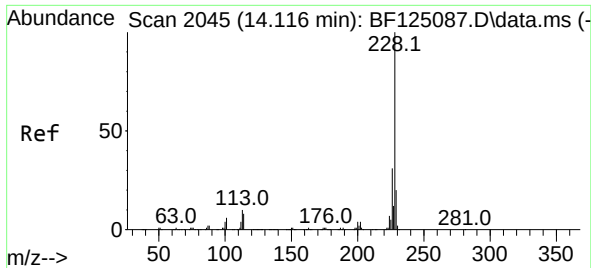
Tgt Ion:228 Resp: 832431  
Ion Ratio Lower Upper  
228 100  
226 30.2 21.6 32.4  
229 20.2 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 18.522 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:252 Resp: 150476  
Ion Ratio Lower Upper  
252 100  
254 66.1 51.4 77.0  
126 9.0 9.5 14.3#

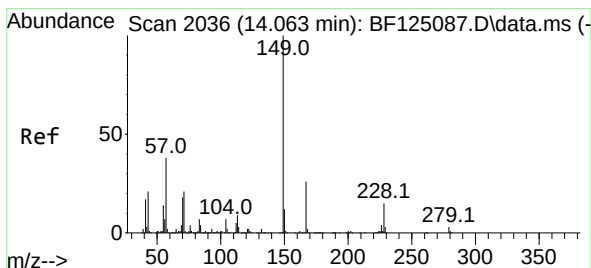
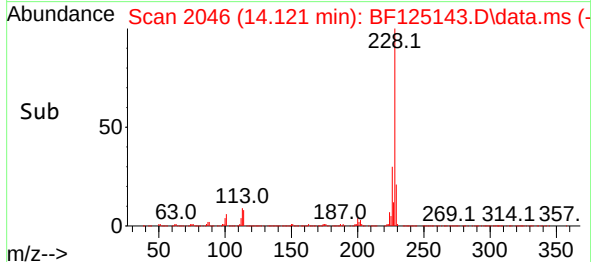
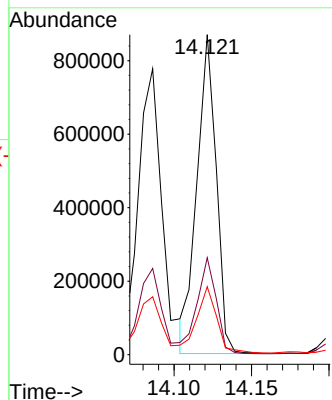
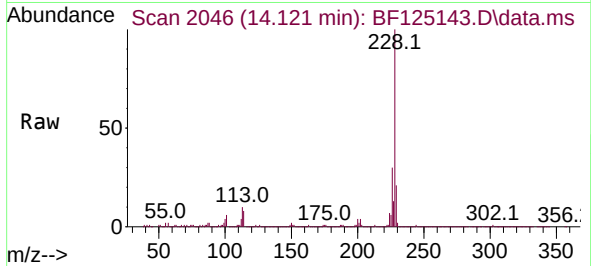




#83  
Chrysene  
Concen: 28.956 ng  
RT: 14.121 min Scan# 2046  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

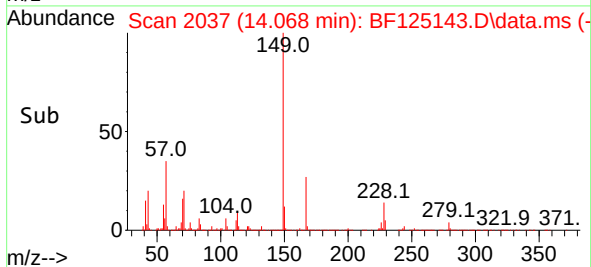
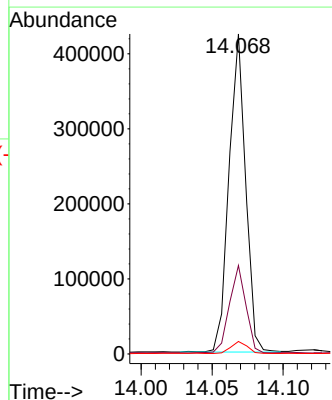
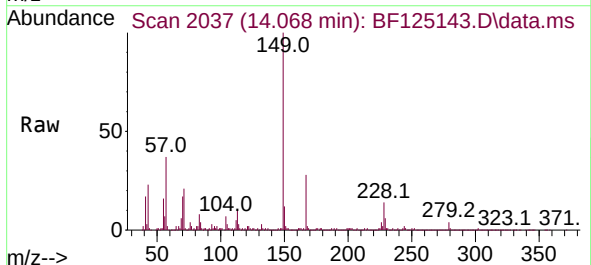
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

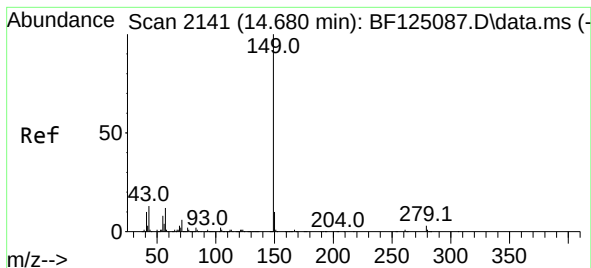
Tgt Ion:228 Resp: 750514  
Ion Ratio Lower Upper  
228 100  
226 30.3 22.6 34.0  
229 21.3 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 20.373 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:149 Resp: 343312  
Ion Ratio Lower Upper  
149 100  
167 27.6 21.4 32.0  
279 3.9 2.6 4.0

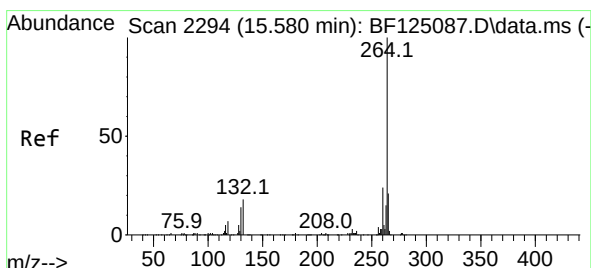
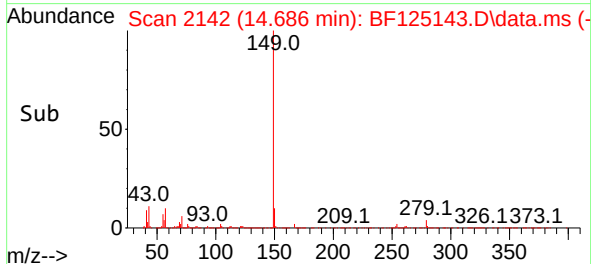
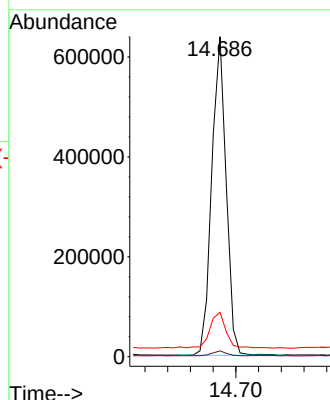
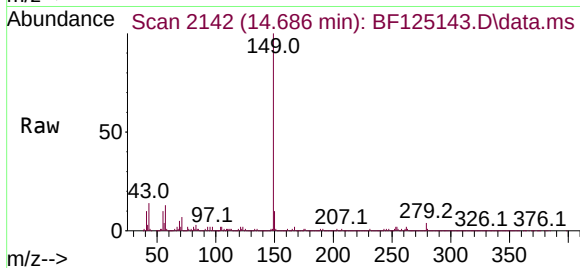




#85  
Di-n-octyl phthalate  
Concen: 19.988 ng  
RT: 14.686 min Scan# 2142  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

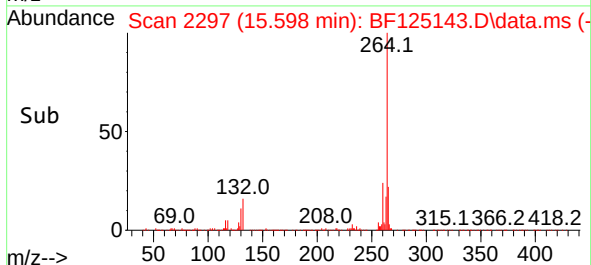
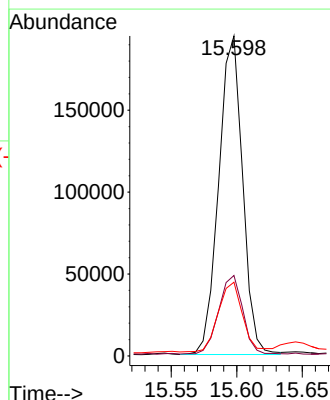
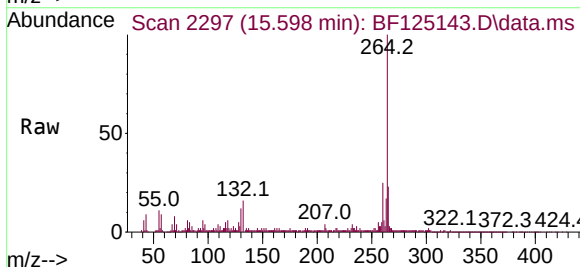
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

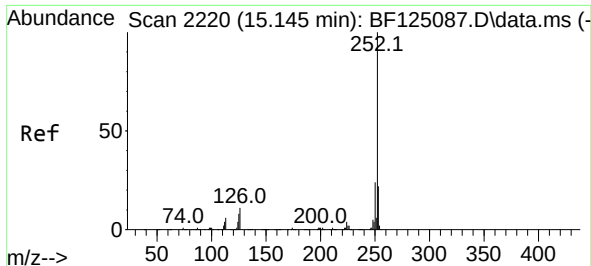
Tgt Ion:149 Resp: 560220  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.0 1.6#  
43 13.6 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.598 min Scan# 2297  
Delta R.T. 0.018 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:264 Resp: 246104  
Ion Ratio Lower Upper  
264 100  
260 25.2 19.6 29.4  
265 23.0 17.2 25.8

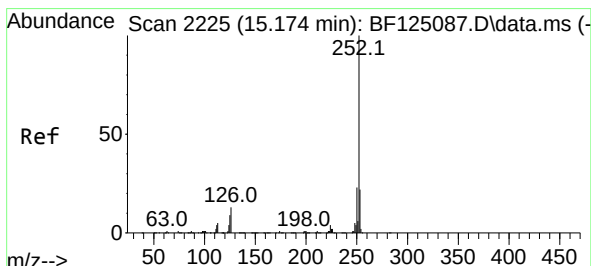
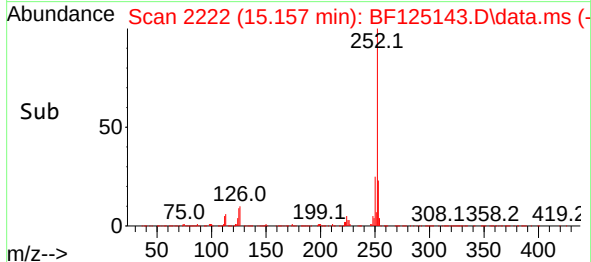
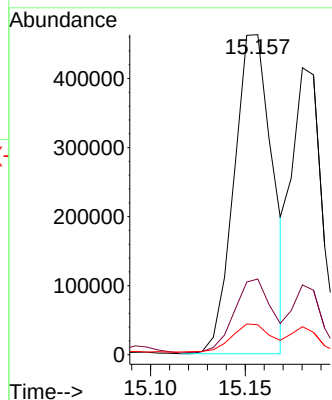
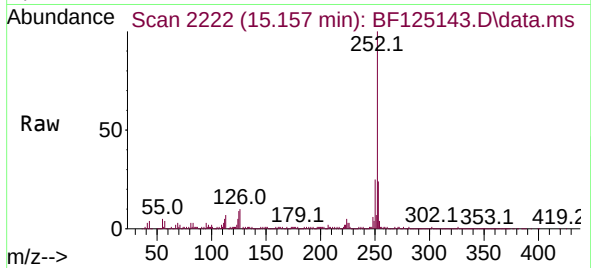




#88  
Benzo(b)fluoranthene  
Concen: 36.305 ng  
RT: 15.157 min Scan# 2222  
Delta R.T. 0.012 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

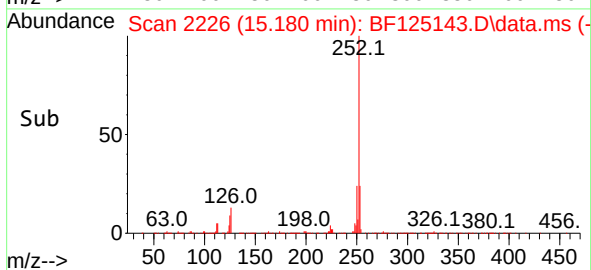
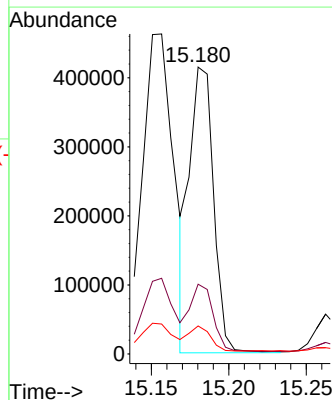
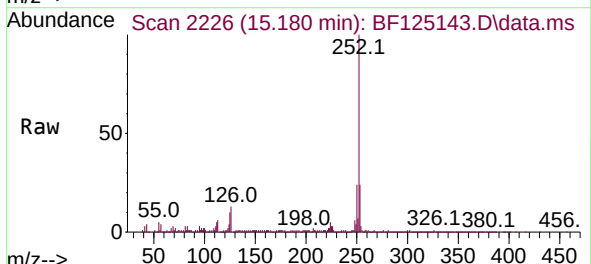
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-081821MSD

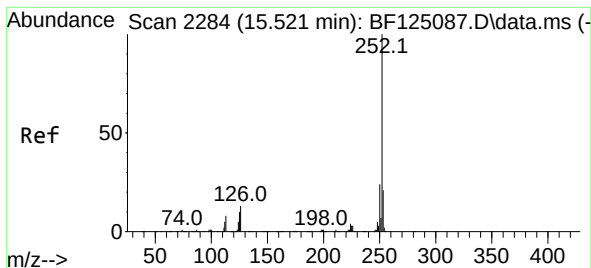
Tgt Ion:252 Resp: 652758  
Ion Ratio Lower Upper  
252 100  
253 23.6 16.8 25.2  
125 9.3 9.8 14.8#



#89  
Benzo(k)fluoranthene  
Concen: 26.652 ng  
RT: 15.180 min Scan# 2226  
Delta R.T. 0.006 min  
Lab File: BF125143.D  
Acq: 20 Aug 2021 19:43

Tgt Ion:252 Resp: 447157  
Ion Ratio Lower Upper  
252 100  
253 24.3 17.8 26.8  
125 9.8 7.2 10.8





#90

Benzo(a)pyrene

Concen: 10.402 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.059 min

Lab File: BF125143.D

Acq: 20 Aug 2021 19:43

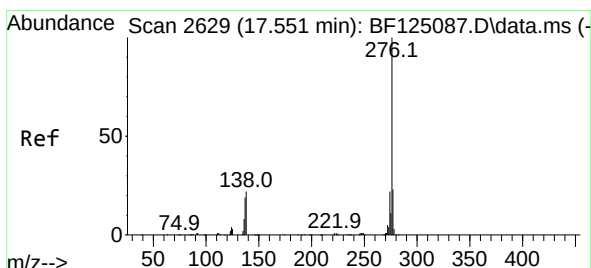
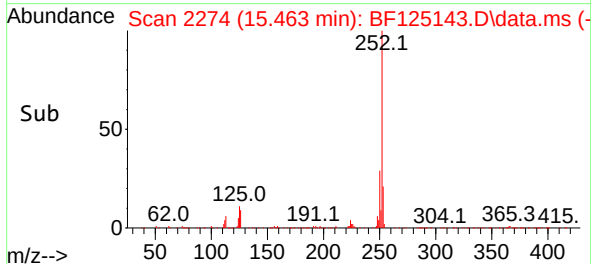
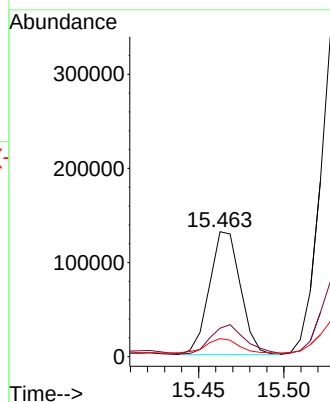
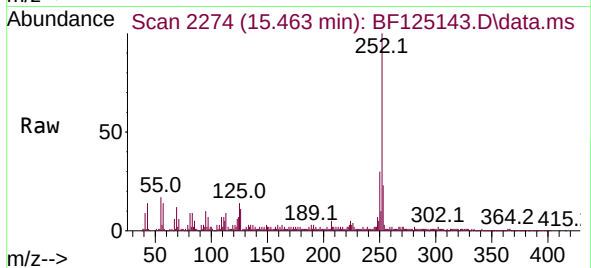
Instrument :

BNA\_F

ClientSampleId :

OR-03-081821MSD

|             |                |
|-------------|----------------|
| Tgt Ion:252 | Resp: 165211   |
| Ion Ratio   | Lower Upper    |
| 252         | 100            |
| 253         | 22.8 18.4 27.6 |
| 125         | 14.4 9.9 14.9  |



#92

Benzo(g,h,i)perylene

Concen: 23.707 ng

RT: 17.574 min Scan# 2633

Delta R.T. 0.024 min

Lab File: BF125143.D

Acq: 20 Aug 2021 19:43

|             |                 |
|-------------|-----------------|
| Tgt Ion:276 | Resp: 350324    |
| Ion Ratio   | Lower Upper     |
| 276         | 100             |
| 277         | 23.7 22.0 33.0  |
| 138         | 18.6 22.2 33.4# |

