

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052021\  
 Data File : BF124007.D  
 Acq On : 20 May 2021 14:03  
 Operator : JU/CG  
 Sample : M2457-02MS 2X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4MS

Quant Time: May 20 14:23:49 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 19:05:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 46097    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.192  | 136  | 185040   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.945  | 164  | 113937   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.439 | 188  | 194908   | 20.00 | ng    | 0.01     |
| 76) Chrysene-d12              | 14.092 | 240  | 130383   | 20.00 | ng    | 0.02     |
| 86) Perylene-d12              | 15.580 | 264  | 101239   | 20.00 | ng    | 0.03     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 142718   | 43.47 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 181270   | 42.56 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 136036   | 31.68 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 62839    | 45.92 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 250409   | 27.05 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.021 | 244  | 213971   | 24.86 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 22169    | 15.38 | ng    | 95       |
| 3) Pyridine                   | 3.440  | 79   | 55399    | 14.89 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.375  | 42   | 42123    | 17.43 | ng    | 94       |
| 6) Aniline                    | 6.563  | 93   | 28930    | 5.98  | ng    | # 85     |
| 8) 2-Chlorophenol             | 6.687  | 128  | 64941    | 19.01 | ng    | 100      |
| 9) Benzaldehyde               | 6.451  | 77   | 53569    | 29.07 | ng    | 91       |
| 10) Phenol                    | 6.539  | 94   | 89748    | 20.85 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 66628    | 19.92 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.922  | 146  | 79829    | 20.06 | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 6.922  | 146  | 79829    | 19.60 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 72885    | 19.15 | ng    | 96       |
| 15) Benzyl Alcohol            | 7.039  | 79   | 73425    | 19.96 | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181  | 45   | 131718   | 19.56 | ng    | 96       |
| 17) 2-Methylphenol            | 7.151  | 107  | 57167    | 20.63 | ng    | 99       |
| 18) Hexachloroethane          | 7.422  | 117  | 29620    | 19.63 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 58860    | 20.45 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.304  | 107  | 76075    | 20.84 | ng    | # 88     |
| 22) Acetophenone              | 7.310  | 105  | 102179   | 19.45 | ng    | # 97     |
| 24) Nitrobenzene              | 7.481  | 77   | 78286    | 17.83 | ng    | 94       |
| 25) Isophorone                | 7.722  | 82   | 147828   | 17.89 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.804  | 139  | 35815    | 21.68 | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 7.833  | 122  | 65286    | 20.64 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.933  | 93   | 85187    | 20.51 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 8.045  | 162  | 62579    | 19.55 | ng    | 86       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 66214    | 18.40 | ng    | 98       |
| 31) Naphthalene               | 8.216  | 128  | 360941   | 32.96 | ng    | 99       |
| 32) Benzoic acid              | 7.928  | 122  | 31014    | 17.87 | ng    | 90       |
| 33) 4-Chloroaniline           | 8.257  | 127  | 13592    | 3.26  | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.328  | 225  | 42522    | 18.04 | ng    | 97       |
| 35) Caprolactam               | 8.610  | 113  | 18952    | 21.74 | ng    | # 92     |
| 36) 4-Chloro-3-methylphenol   | 8.733  | 107  | 69539    | 19.86 | ng    | 87       |
| 37) 2-Methylnaphthalene       | 8.904  | 142  | 196644   | 26.49 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 9.004  | 142  | 177043   | 25.56 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.069  | 216  | 72683    | 17.69 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.057  | 237  | 37941    | 14.52 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.180  | 196  | 46343    | 17.38 | ng    | 96       |

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 Sample : M2457-02MS 2X  
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 ALS Vial : 7 Sample Multiplier: 1

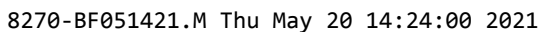
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4MS

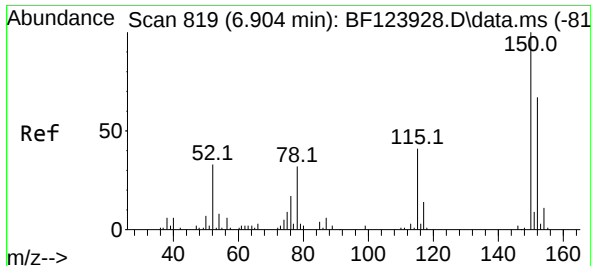
Quant Time: May 20 14:23:49 2021  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 19:05:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.216  | 196  | 48770    | 17.61  | ng    | 92       |
| 46) 1,1'-Biphenyl             | 9.369  | 154  | 200540   | 19.98  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.392  | 162  | 140088   | 17.58  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.480  | 65   | 56385    | 20.95  | ng    | 93       |
| 49) Acenaphthylene            | 9.810  | 152  | 228694   | 19.42  | ng    | 96       |
| 50) Dimethylphthalate         | 9.663  | 163  | 180572   | 19.85  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.727  | 165  | 38023    | 20.67  | ng    | # 75     |
| 52) Acenaphthene              | 9.980  | 154  | 300665   | 37.29  | ng    | 93       |
| 53) 3-Nitroaniline            | 9.892  | 138  | 20133    | 11.01  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 10.004 | 184  | 27298    | 32.37  | ng    | # 90     |
| 55) Dibenzofuran              | 10.151 | 168  | 386595   | 33.39  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 57025    | 37.70  | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.127 | 165  | 55261    | 24.49  | ng    | # 89     |
| 58) Fluorene                  | 10.498 | 166  | 339366   | 38.90  | ng    | 92       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.269 | 232  | 41526    | 18.23  | ng    | # 94     |
| 60) Diethylphthalate          | 10.363 | 149  | 179005   | 19.87  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204  | 80943    | 18.51  | ng    | 93       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 34145    | 18.77  | ng    | 92       |
| 63) Azobenzene                | 10.645 | 77   | 182338   | 18.20  | ng    | 85       |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198  | 20110    | 19.64  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.604 | 169  | 151296   | 20.32  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.974 | 248  | 50487    | 19.71  | ng    | # 83     |
| 68) Hexachlorobenzene         | 11.045 | 284  | 55061    | 19.25  | ng    | 95       |
| 69) Atrazine                  | 11.133 | 200  | 49568    | 23.57  | ng    | 92       |
| 70) Pentachlorophenol         | 11.245 | 266  | 55559    | 32.77  | ng    | 96       |
| 71) Phenanthrene              | 11.480 | 178  | 2966661  | 240.16 | ng    | 100      |
| 72) Anthracene                | 11.521 | 178  | 950386   | 75.92  | ng    | 99       |
| 73) Carbazole                 | 11.669 | 167  | 426929   | 38.99  | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.992 | 149  | 280275   | 20.45  | ng    | 98       |
| 75) Fluoranthene              | 12.668 | 202  | 2758977  | 215.70 | ng    | 100      |
| 77) Benzidine                 | 12.774 | 184  | 48054    | 15.27  | ng    | # 91     |
| 78) Pyrene                    | 12.898 | 202  | 2197960  | 189.88 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 97153    | 21.40  | ng    | 92       |
| 81) Benzo(a)anthracene        | 14.080 | 228  | 1107764  | 117.48 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.039 | 252  | 24407    | 8.33   | ng    | 89       |
| 83) Chrysene                  | 14.121 | 228  | 914280   | 100.81 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149  | 147452   | 23.02  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.674 | 149  | 229051   | 23.66  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.103 | 276  | 346465   | 44.31  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.157 | 252  | 965646   | 123.30 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 965646   | 135.30 | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.533 | 252  | 649372   | 95.92  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.333 | 278  | 36210    | 5.50   | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.568 | 276  | 293346   | 44.42  | ng    | 95       |

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

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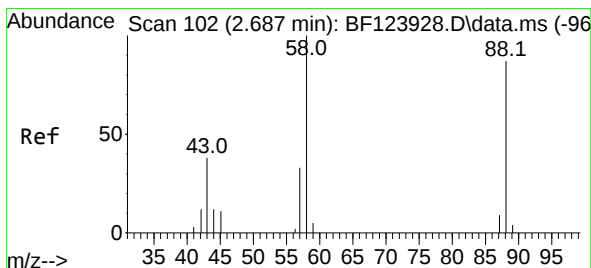
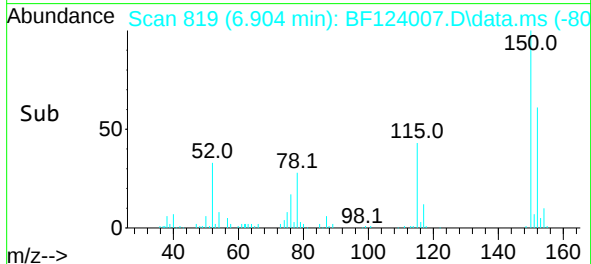
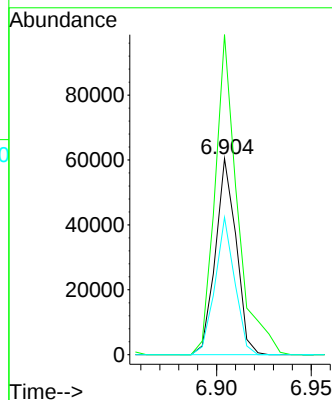
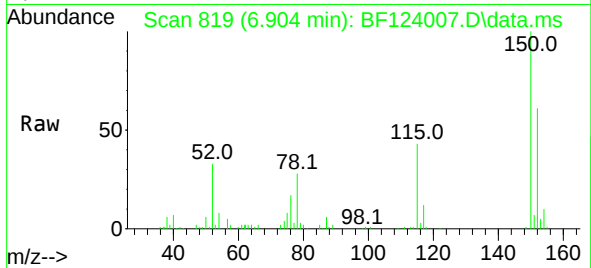




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.904 min Scan# 819  
 Delta R.T. 0.000 min  
 Lab File: BF124007.D  
 Acq: 20 May 2021 14:03

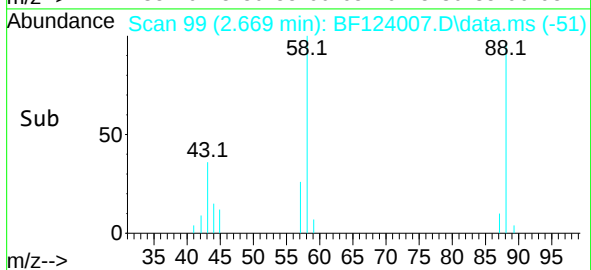
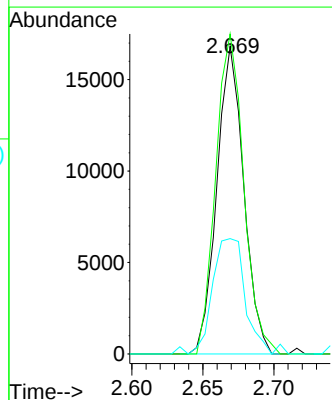
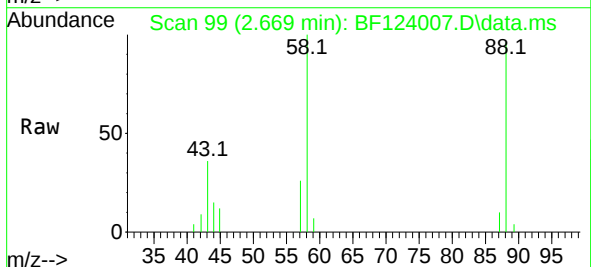
Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-4MS

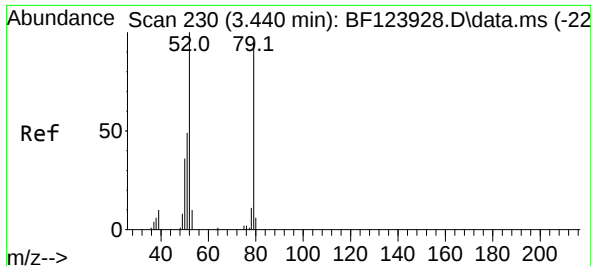
Tgt Ion:152 Resp: 46097  
 Ion Ratio Lower Upper  
 152 100  
 150 163.1 127.0 190.6  
 115 70.0 54.3 81.5



#2  
 1,4-Dioxane  
 Concen: 15.38 ng  
 RT: 2.669 min Scan# 99  
 Delta R.T. -0.018 min  
 Lab File: BF124007.D  
 Acq: 20 May 2021 14:03

Tgt Ion: 88 Resp: 22169  
 Ion Ratio Lower Upper  
 88 100  
 58 107.8 83.8 125.8  
 43 46.3 32.2 48.4

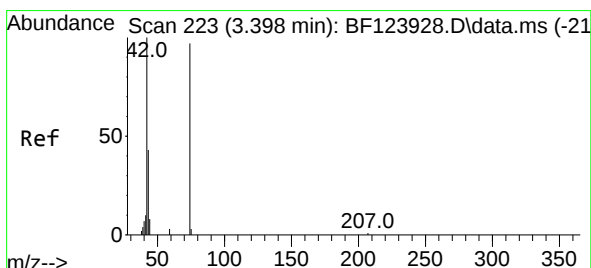
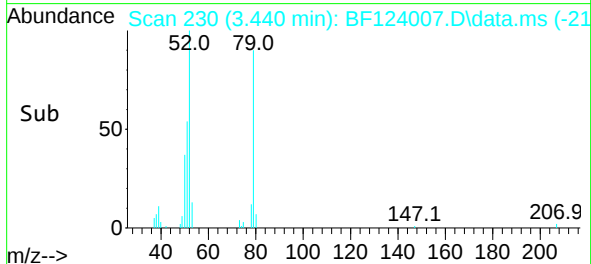
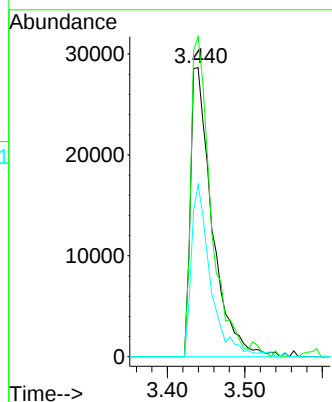
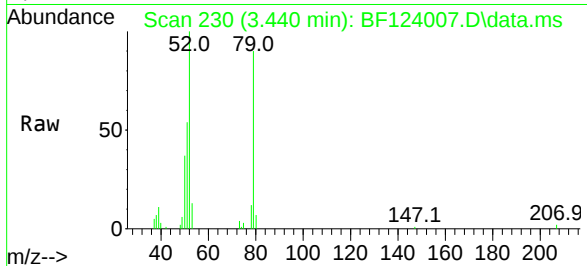




#3  
Pyridine  
Concen: 14.89 ng  
RT: 3.440 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

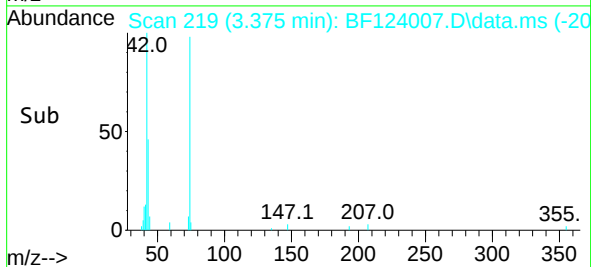
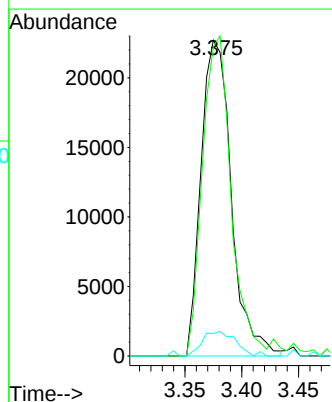
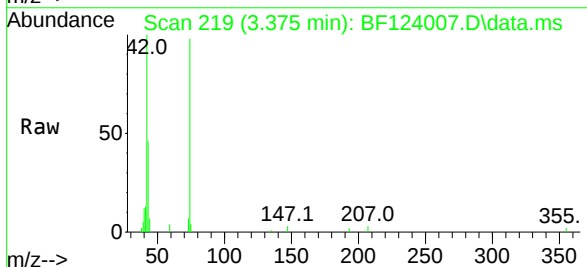
Instrument :  
BNA\_F  
ClientSampleId :  
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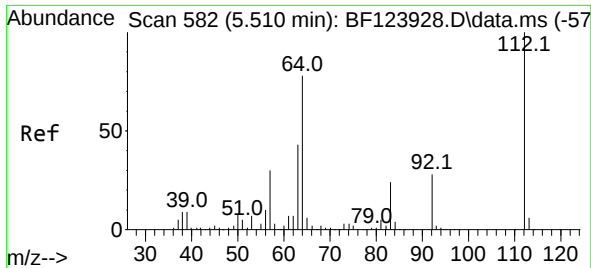
Tgt Ion: 79 Resp: 55399  
Ion Ratio Lower Upper  
79 100  
52 110.8 87.4 131.0  
51 59.6 41.4 62.0



#4  
n-Nitrosodimethylamine  
Concen: 17.43 ng  
RT: 3.375 min Scan# 219  
Delta R.T. -0.024 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion: 42 Resp: 42123  
Ion Ratio Lower Upper  
42 100  
74 98.0 83.5 125.3  
44 7.2 5.7 8.5

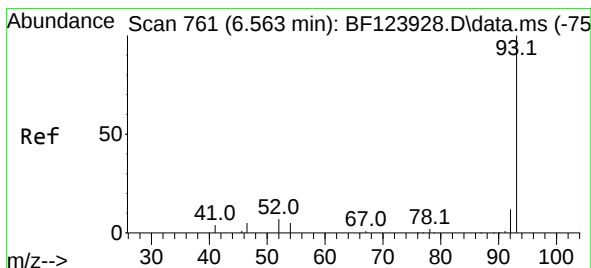
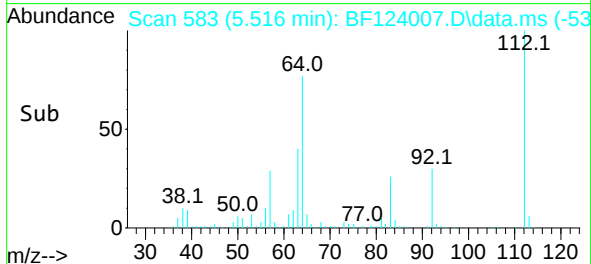
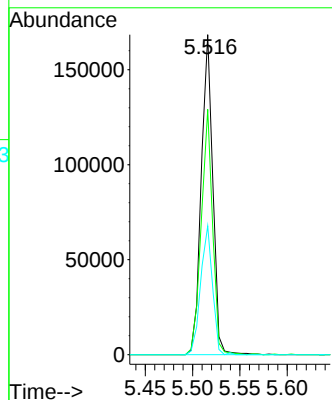
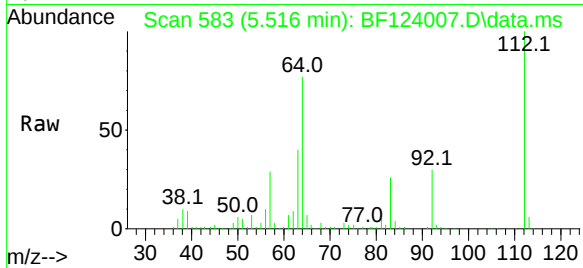




#5  
2-Fluorophenol  
Concen: 43.47 ng  
RT: 5.516 min Scan# 583  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

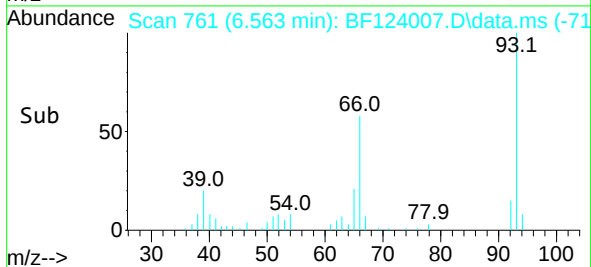
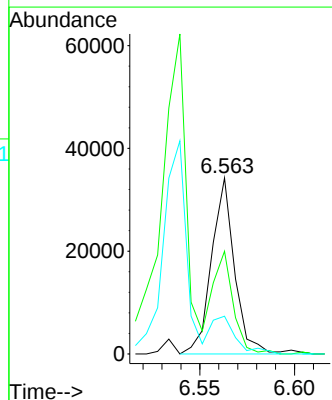
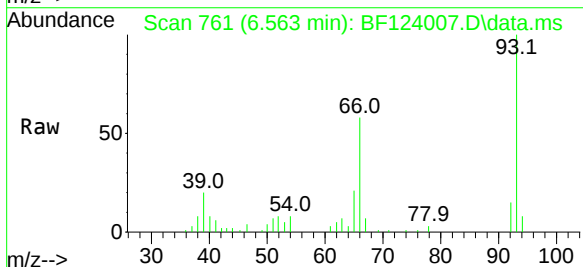
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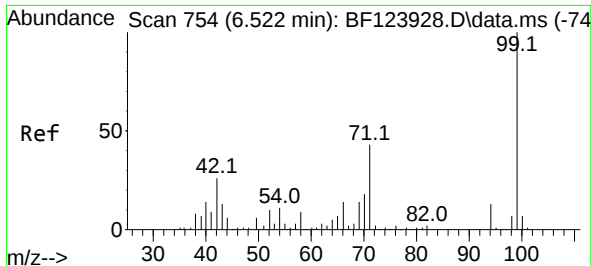
Tgt Ion:112 Resp: 142718  
Ion Ratio Lower Upper  
112 100  
64 76.7 61.4 92.0  
63 40.2 33.0 49.4



#6  
Aniline  
Concen: 5.98 ng  
RT: 6.563 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion: 93 Resp: 28930  
Ion Ratio Lower Upper  
93 100  
66 58.4 36.4 54.6#  
65 21.5 19.4 29.0

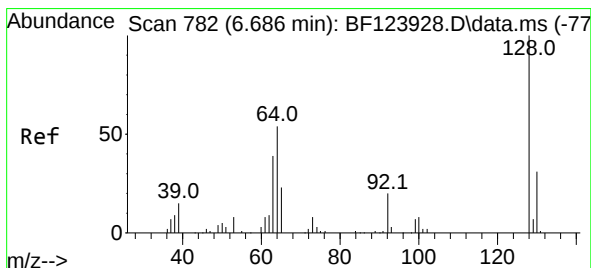
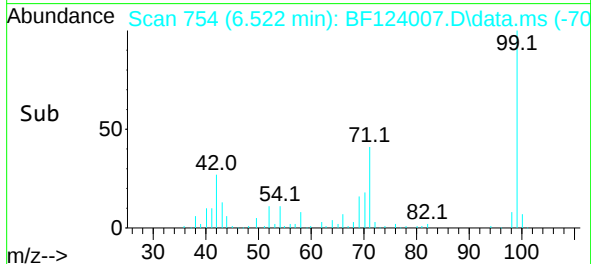
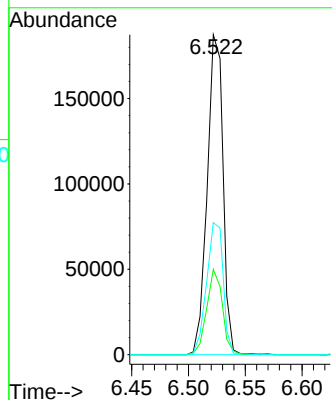
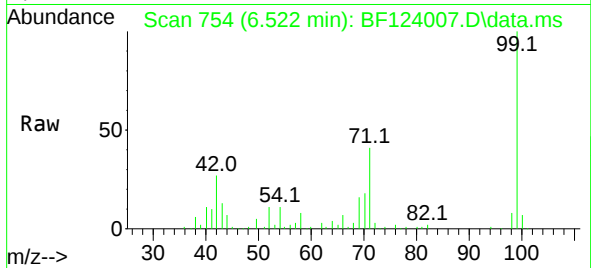




#7  
Phenol-d6  
Concen: 42.56 ng  
RT: 6.522 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

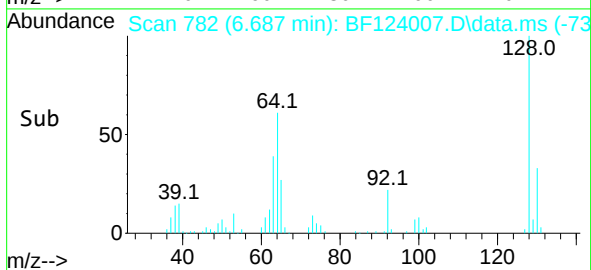
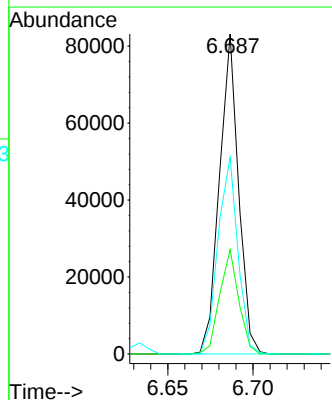
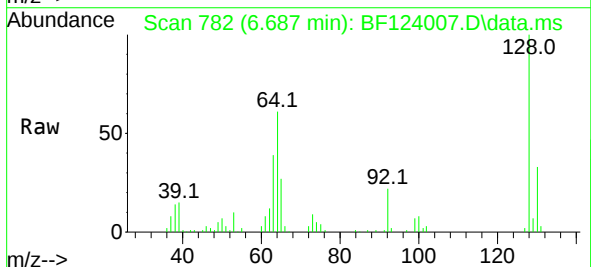
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

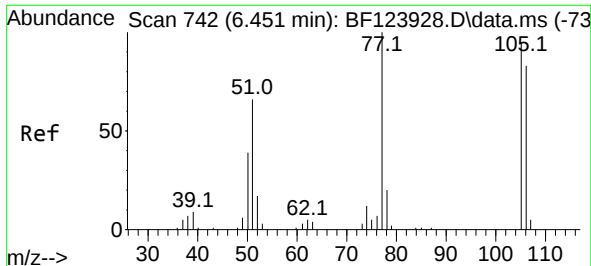
Tgt Ion: 99 Resp: 181270  
Ion Ratio Lower Upper  
99 100  
42 26.6 19.8 29.8  
71 41.3 31.1 46.7



#8  
2-Chlorophenol  
Concen: 19.01 ng  
RT: 6.687 min Scan# 782  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:128 Resp: 64941  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.6 52.6  
64 61.5 41.5 81.5

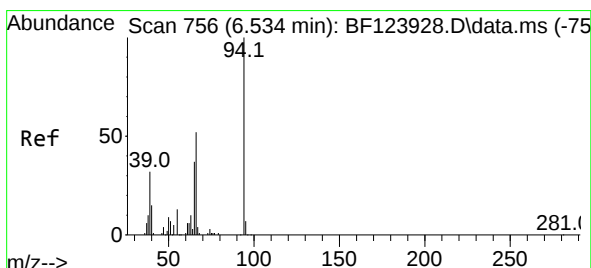
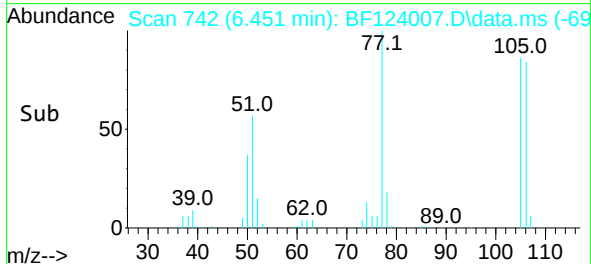
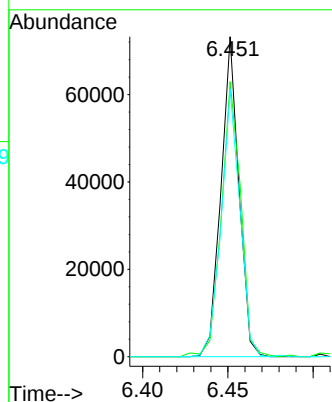
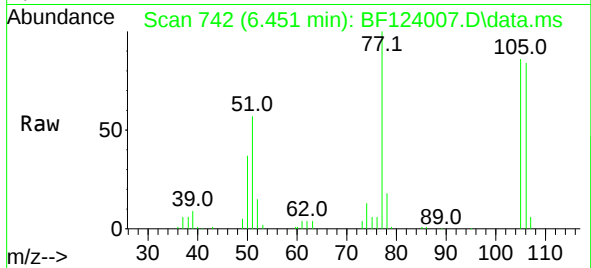




#9  
Benzaldehyde  
Concen: 29.07 ng  
RT: 6.451 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

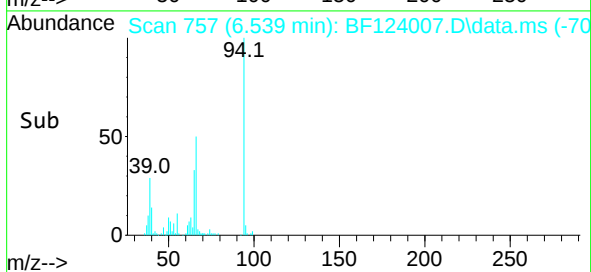
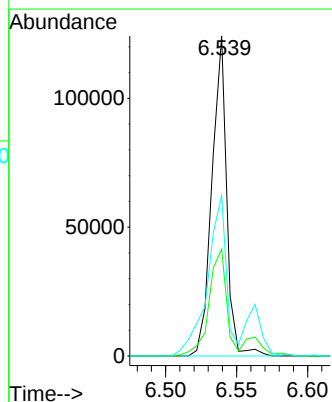
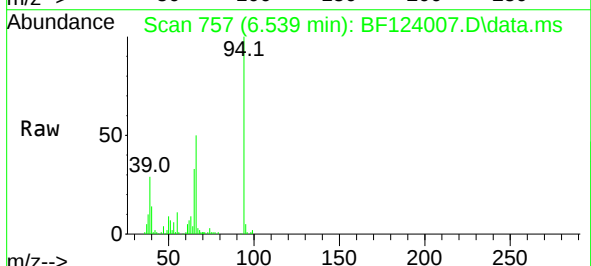
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

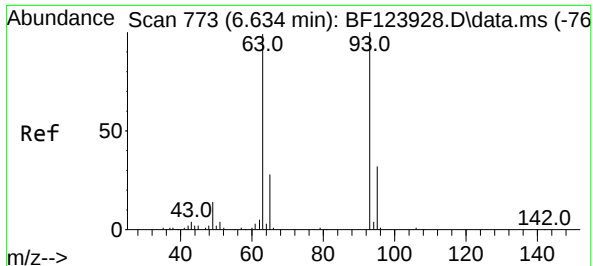
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 53569 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 86.0  | 75.2  | 115.2 |
| 106      | 83.6  | 71.6  | 111.6 |



#10  
Phenol  
Concen: 20.85 ng  
RT: 6.539 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 89748 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 33.4  | 18.1  | 58.1  |
| 66       | 50.1  | 29.0  | 69.0  |

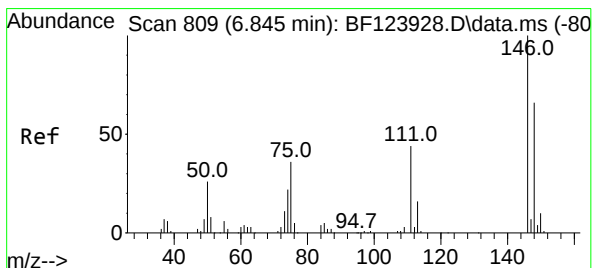
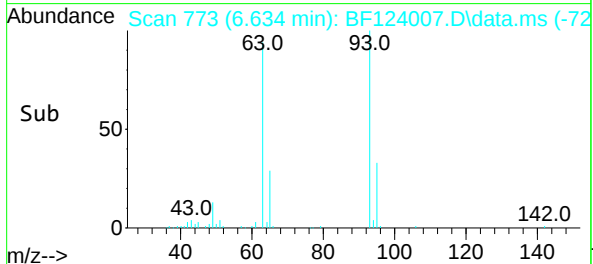
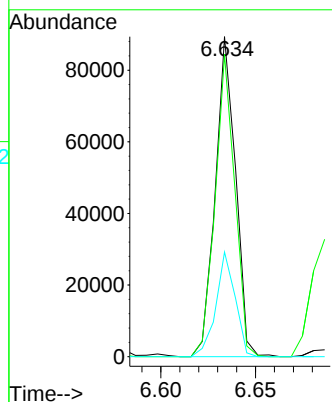
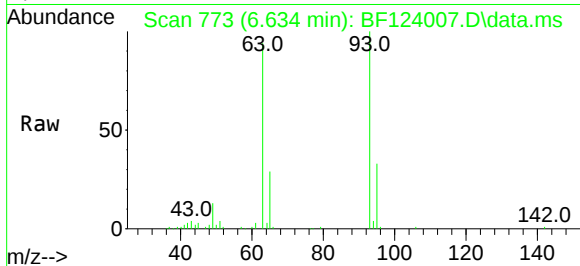




#11  
bis(2-Chloroethyl)ether  
Concen: 19.92 ng  
RT: 6.634 min Scan# 773  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

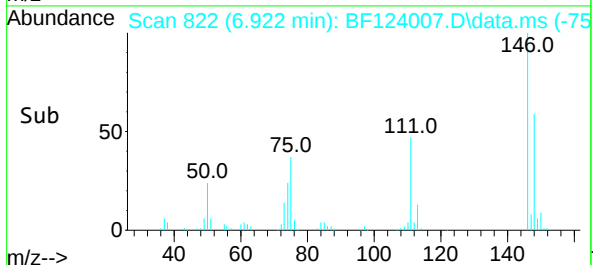
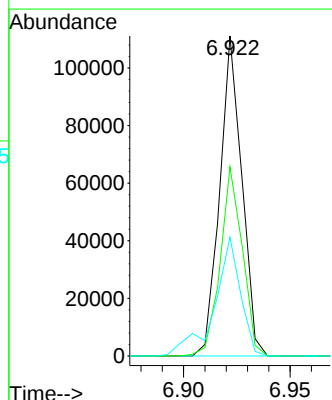
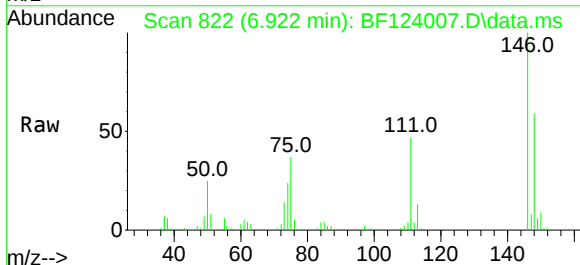
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

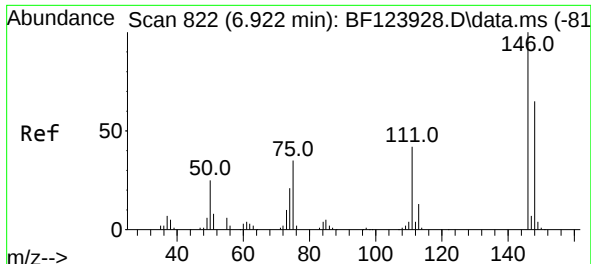
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 66628 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 94.5  | 76.1  | 116.1 |
| 95       | 32.7  | 11.5  | 51.5  |



#12  
1,3-Dichlorobenzene  
Concen: 20.06 ng  
RT: 6.922 min Scan# 822  
Delta R.T. 0.076 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 79829 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 59.1  | 50.9  | 76.3  |
| 75       | 37.1  | 34.2  | 51.4  |

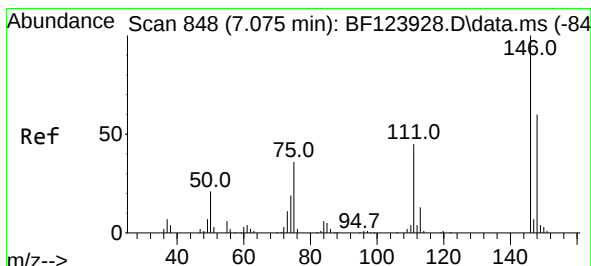
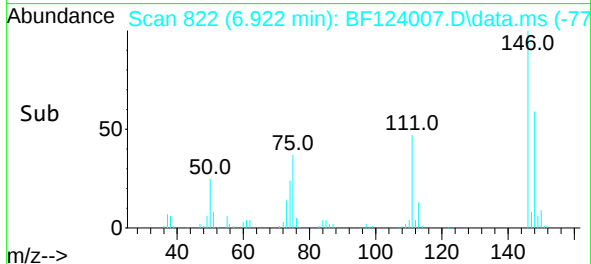
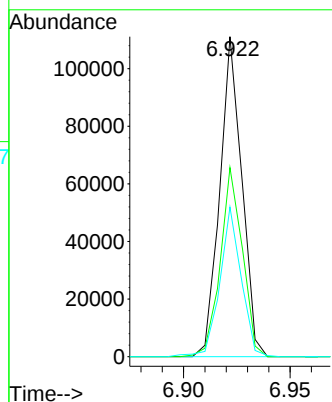
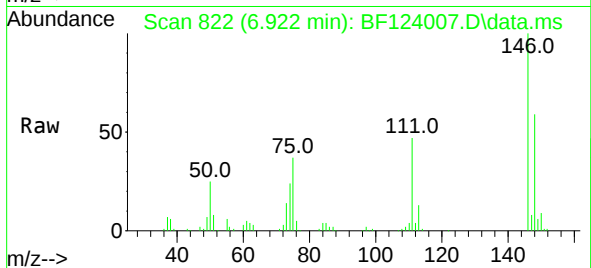




#13  
1,4-Dichlorobenzene  
Concen: 19.60 ng  
RT: 6.922 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

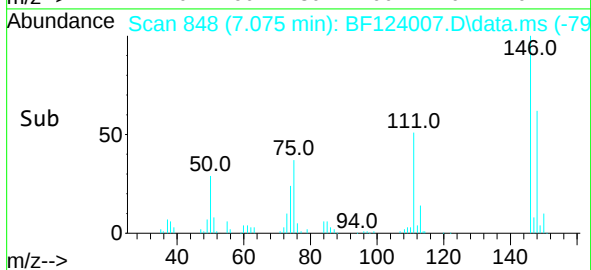
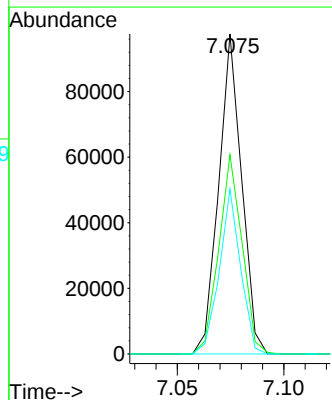
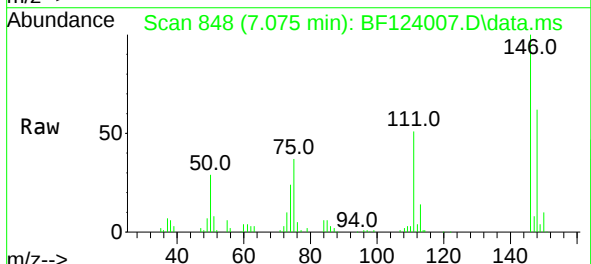
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

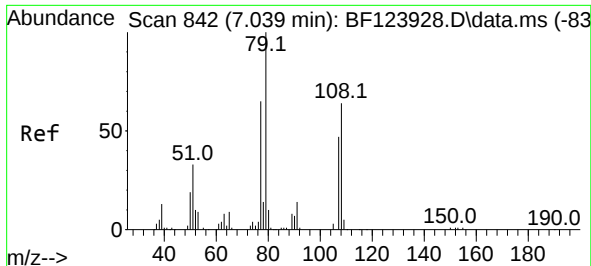
Tgt Ion:146 Resp: 79829  
Ion Ratio Lower Upper  
146 100  
148 59.1 49.9 74.9  
111 46.8 39.5 59.3



#14  
1,2-Dichlorobenzene  
Concen: 19.15 ng  
RT: 7.075 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:146 Resp: 72885  
Ion Ratio Lower Upper  
146 100  
148 62.2 51.6 77.4  
111 51.5 38.4 57.6





#15

Benzyl Alcohol

Concen: 19.96 ng

RT: 7.039 min Scan# 842

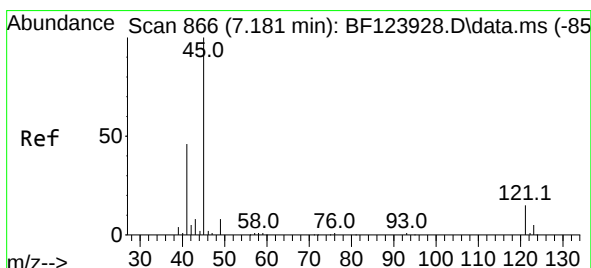
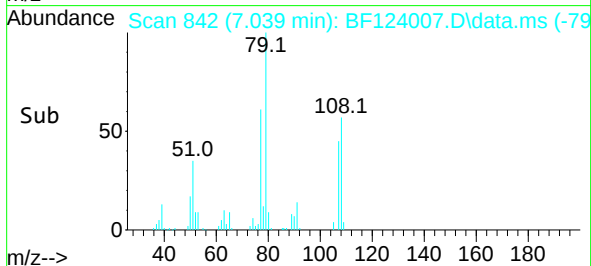
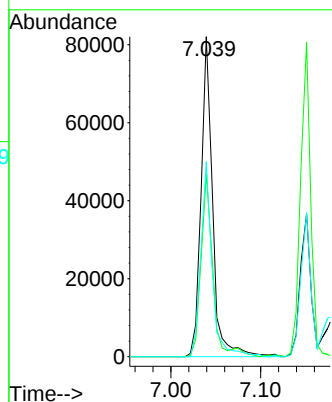
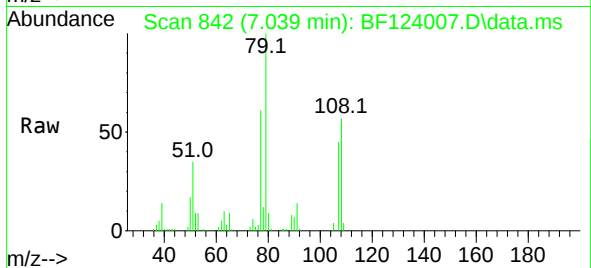
Delta R.T. 0.000 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 73425 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 57.1  | 55.8  | 83.8  |
| 77        | 61.0  | 49.9  | 74.9  |

Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.56 ng

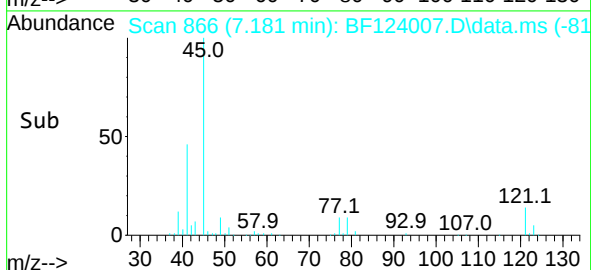
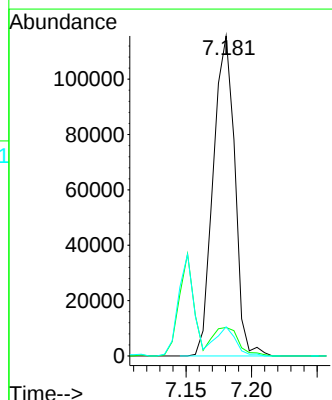
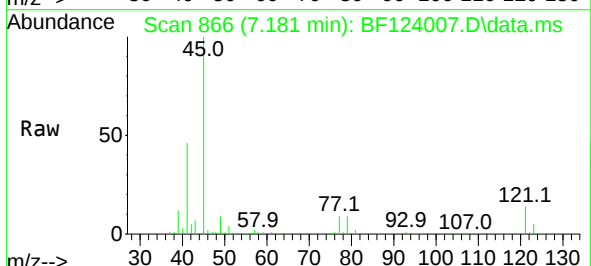
RT: 7.181 min Scan# 866

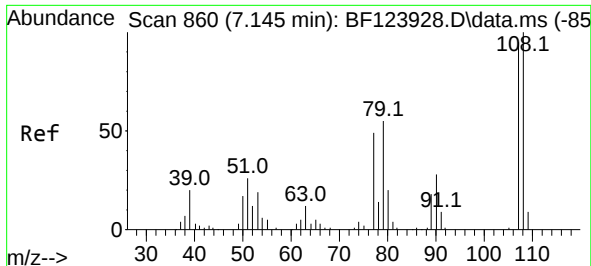
Delta R.T. 0.000 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 131718 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 8.9   | 0.0   | 30.0   |
| 79        | 9.1   | 0.0   | 27.3   |

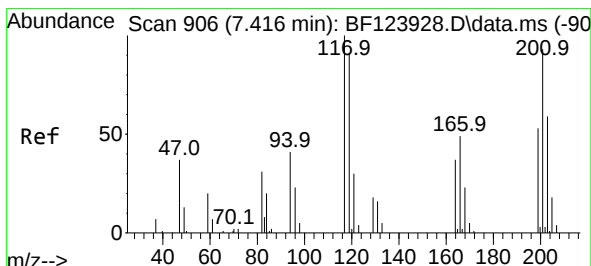
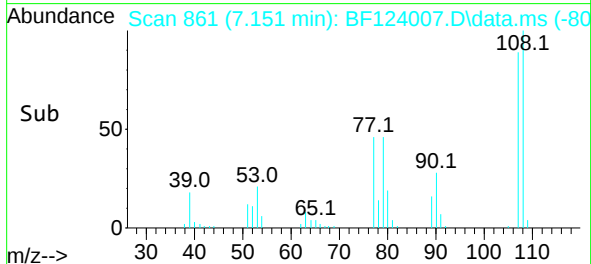
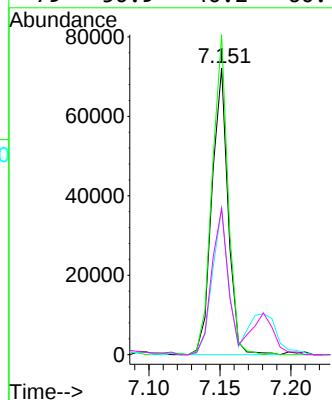
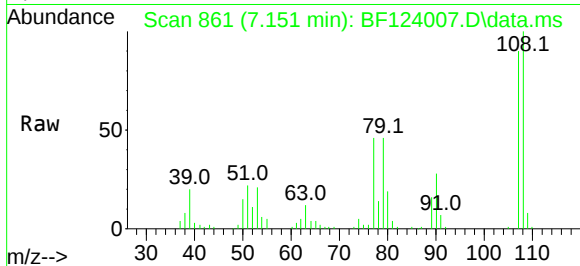




#17  
2-Methylphenol  
Concen: 20.63 ng  
RT: 7.151 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

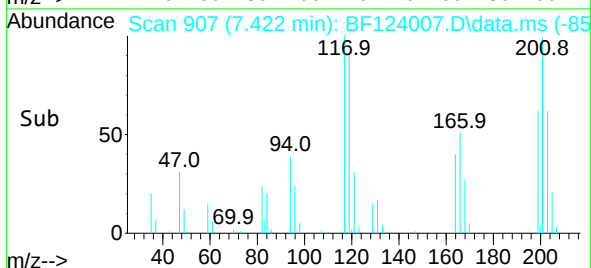
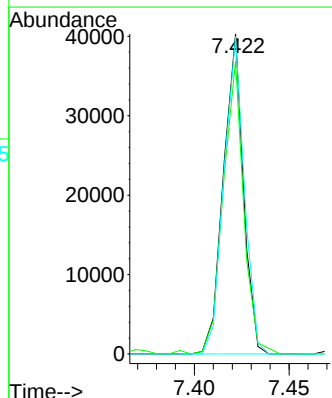
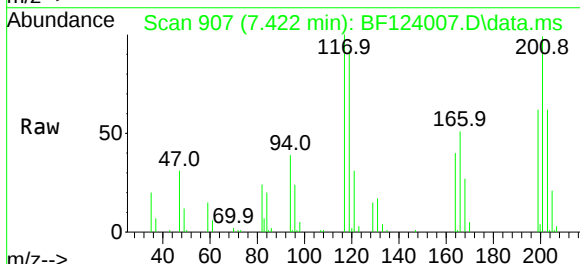
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

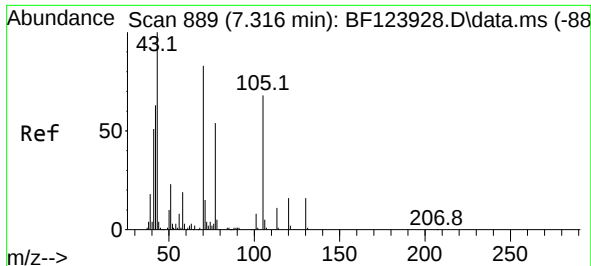
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 57167 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 111.6 | 89.8  | 134.8 |
| 77       | 51.2  | 40.9  | 61.3  |
| 79       | 50.9  | 40.2  | 60.4  |



#18  
Hexachloroethane  
Concen: 19.63 ng  
RT: 7.422 min Scan# 907  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 29620 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.5  | 77.8  | 116.8 |
| 201      | 99.2  | 67.8  | 101.8 |

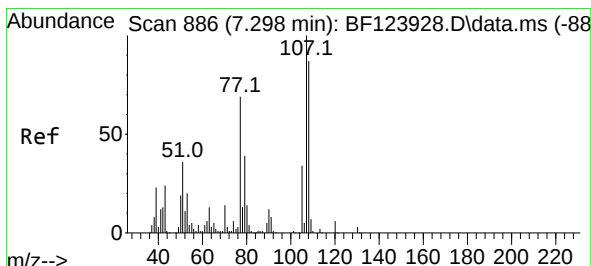
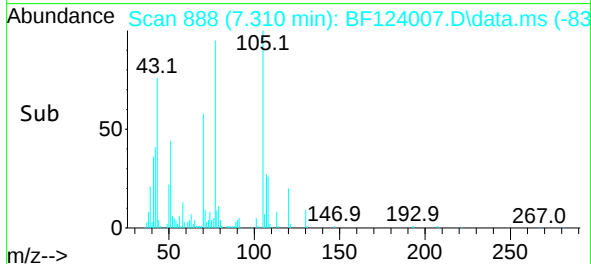
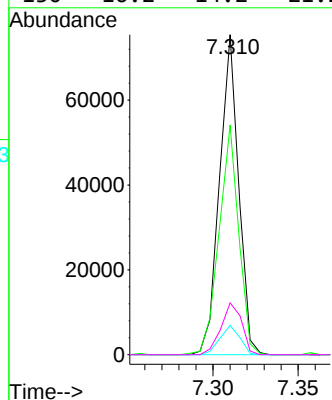
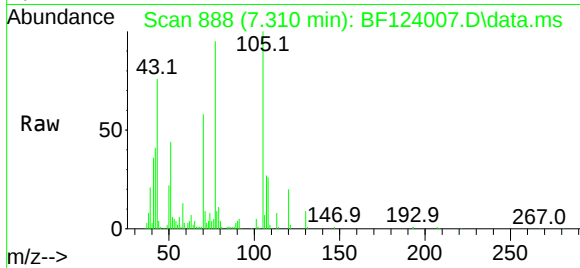




#19  
n-Nitroso-di-n-propylamine  
Concen: 20.45 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

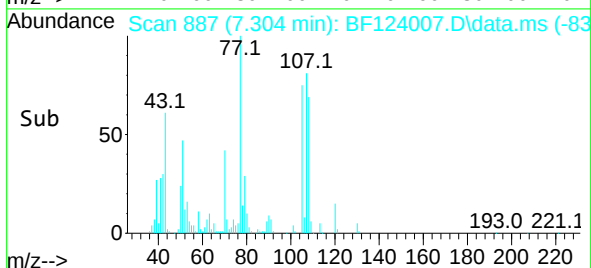
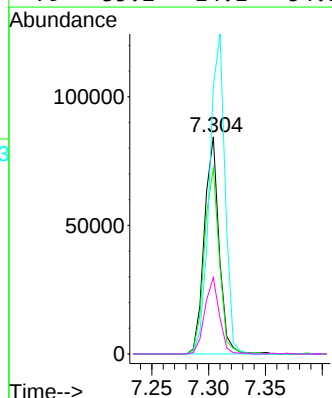
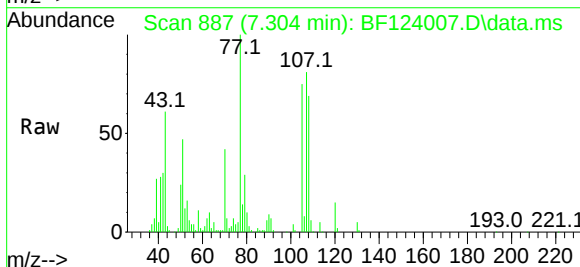
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

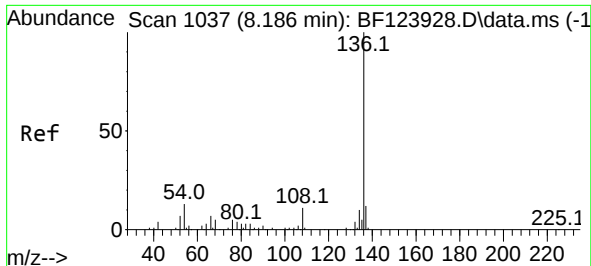
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 58860 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 71.8  | 60.1  | 90.1  |
| 101      | 9.2   | 7.4   | 11.2  |
| 130      | 16.2  | 14.2  | 21.2  |



#20  
3+4-Methylphenols  
Concen: 20.84 ng  
RT: 7.304 min Scan# 887  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 76075  |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.5  | 71.5  | 111.5  |
| 77       | 123.1 | 82.0  | 122.0# |
| 79       | 35.2  | 14.1  | 54.1   |

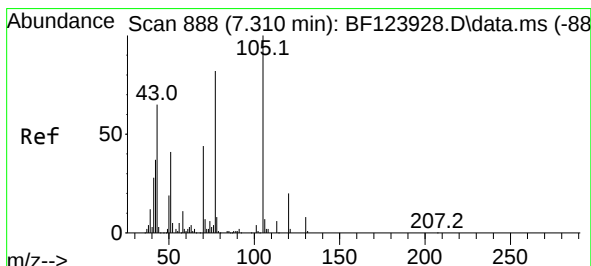
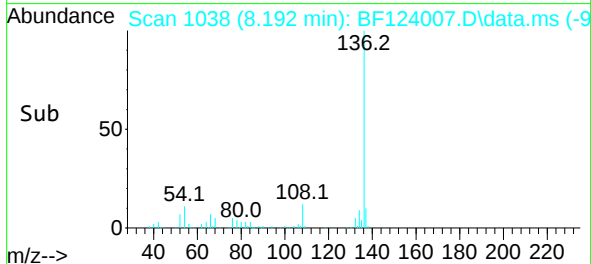
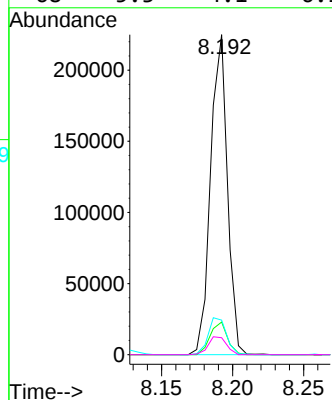
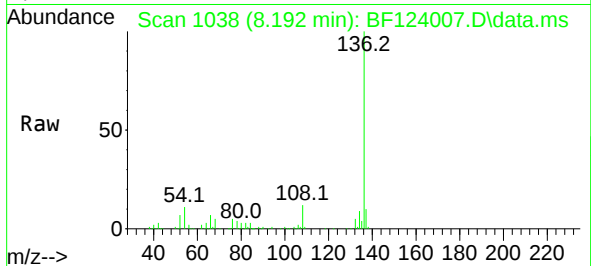




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

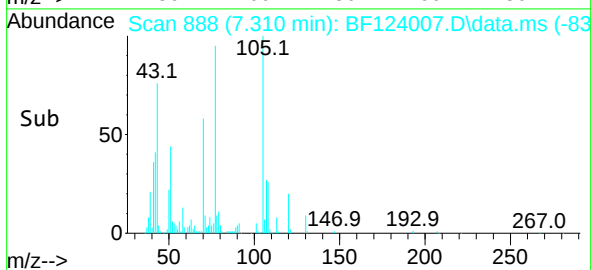
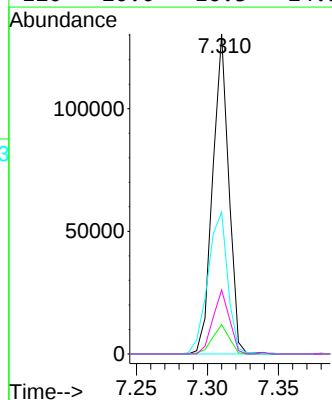
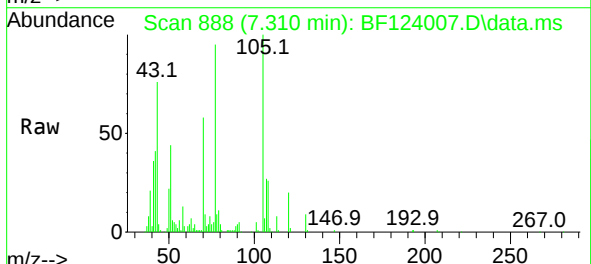
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

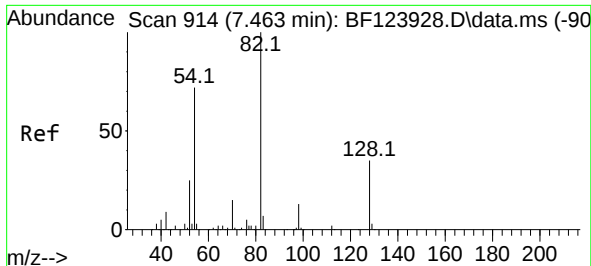
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 185040 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.2    | 8.7 13.1     |
| 54 10.8     | 9.8 14.6     |
| 68 5.3      | 4.1 6.1      |



#22  
Acetophenone  
Concen: 19.45 ng  
RT: 7.310 min Scan# 888  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

|             |              |
|-------------|--------------|
| Tgt Ion:105 | Resp: 102179 |
| Ion Ratio   | Lower Upper  |
| 105 100     |              |
| 71 9.1      | 4.2 6.4#     |
| 51 44.3     | 33.6 50.4    |
| 120 20.0    | 16.3 24.5    |





#23

Nitrobenzene-d5

Concen: 31.68 ng

RT: 7.463 min Scan# 914

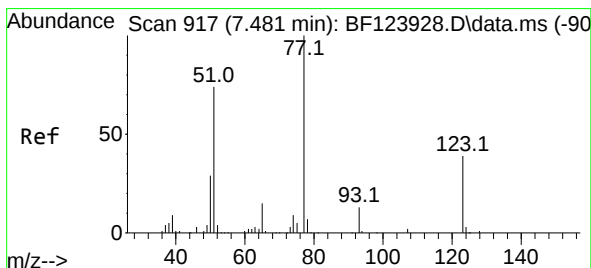
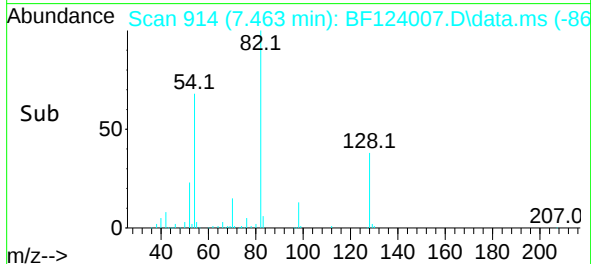
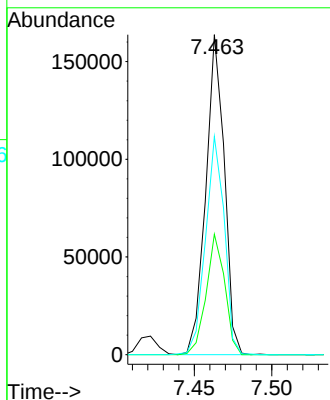
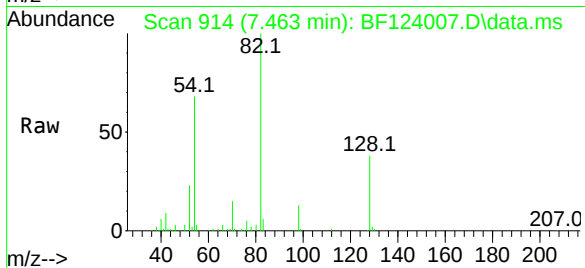
Delta R.T. 0.000 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

Tgt Ion: 82 Resp: 136036

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.6  | 29.4  | 44.2  |
| 54  | 68.1  | 54.1  | 81.1  |



#24

Nitrobenzene

Concen: 17.83 ng

RT: 7.481 min Scan# 917

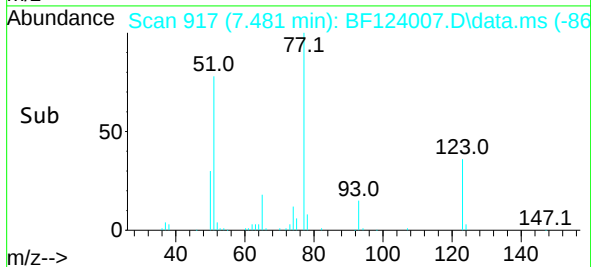
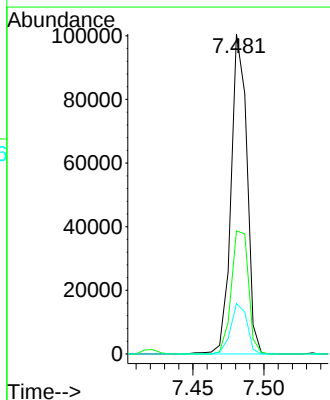
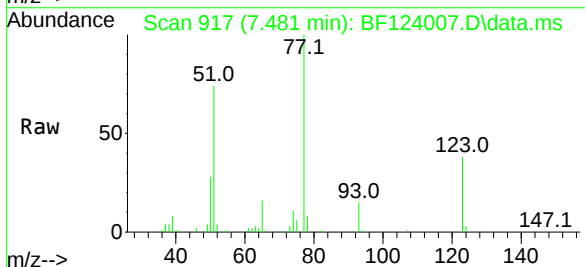
Delta R.T. 0.000 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

Tgt Ion: 77 Resp: 78286

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 38.5  | 34.5  | 51.7  |
| 65  | 15.8  | 12.2  | 18.2  |

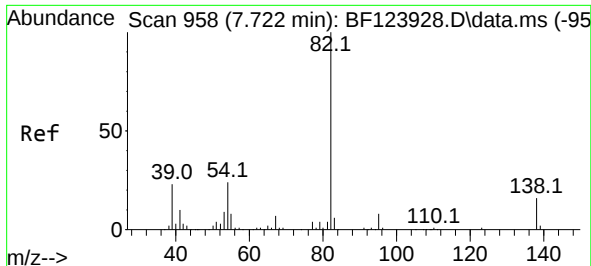


Instrument :

BNA\_F

ClientSampleId :

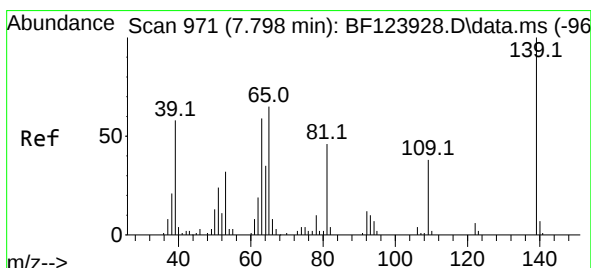
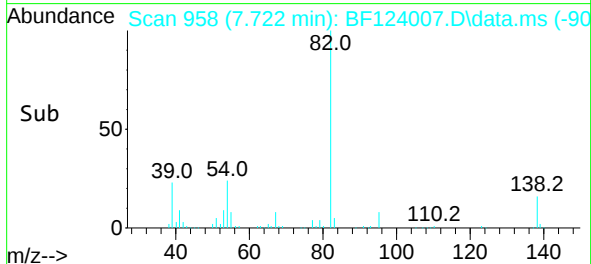
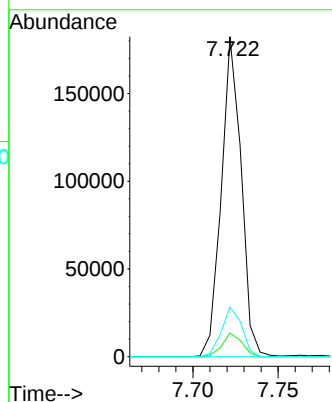
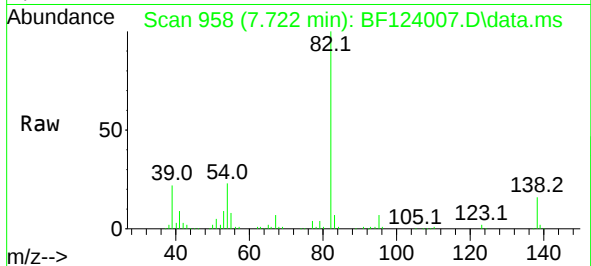
TP-4MS



#25  
Isophorone  
Concen: 17.89 ng  
RT: 7.722 min Scan# 958  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

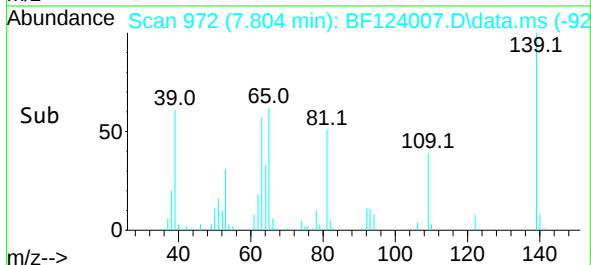
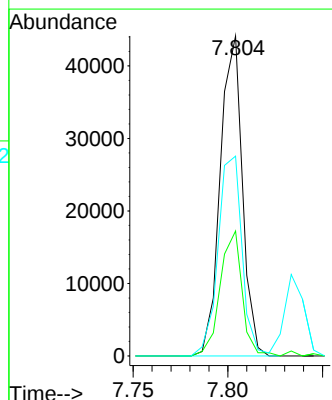
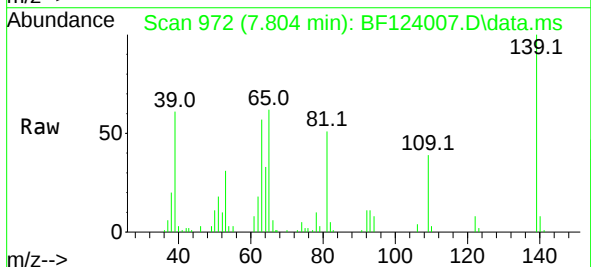
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

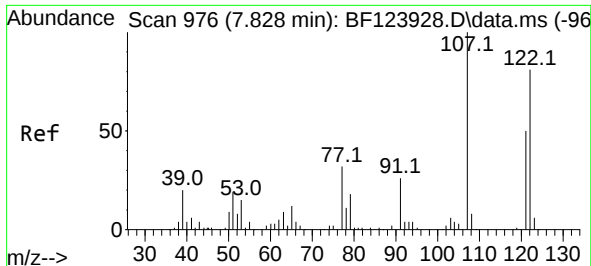
Tgt Ion: 82 Resp: 147828  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.8 8.6  
138 15.5 11.8 17.8



#26  
2-Nitrophenol  
Concen: 21.68 ng  
RT: 7.804 min Scan# 972  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:139 Resp: 35815  
Ion Ratio Lower Upper  
139 100  
109 39.0 28.6 43.0  
65 62.5 56.8 85.2





#27

2,4-Dimethylphenol

Concen: 20.64 ng

RT: 7.833 min Scan# 977

Delta R.T. 0.006 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

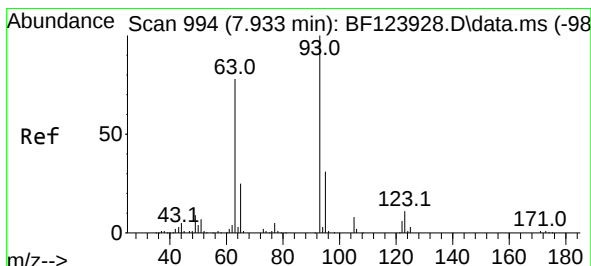
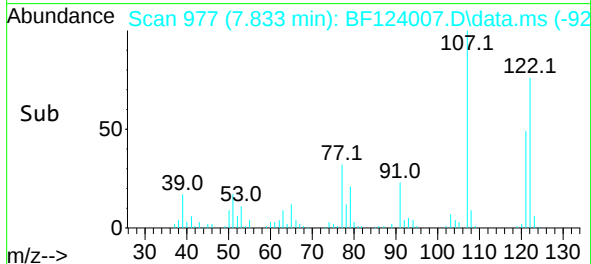
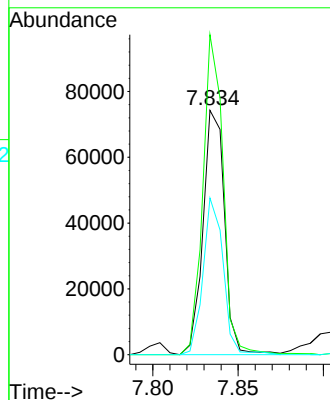
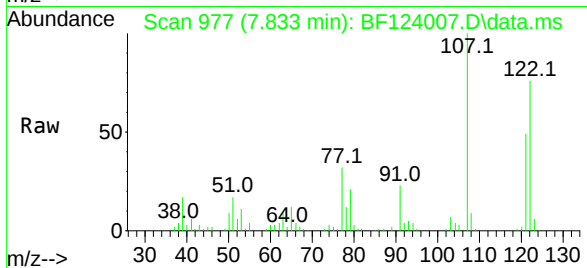
Tgt Ion:122 Resp: 65286

Ion Ratio Lower Upper

122 100

107 131.0 106.3 159.5

121 64.1 45.4 68.0



#28

bis(2-Chloroethoxy)methane

Concen: 20.51 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

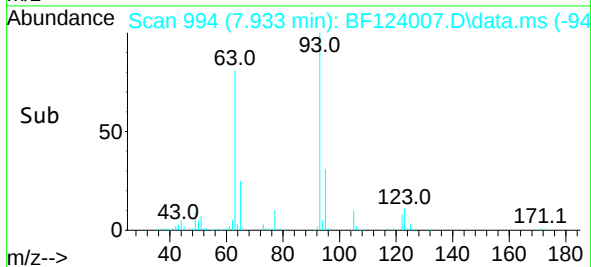
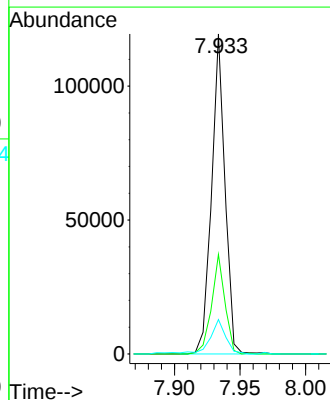
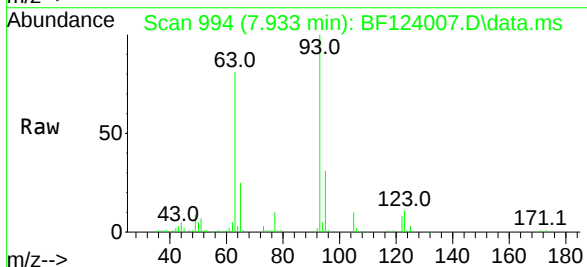
Tgt Ion: 93 Resp: 85187

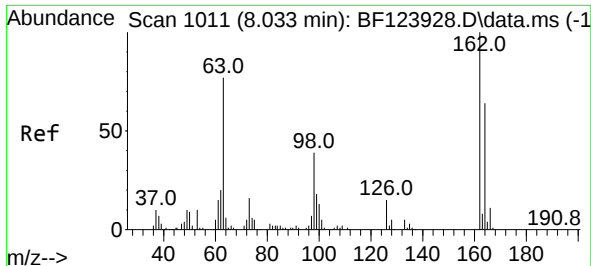
Ion Ratio Lower Upper

93 100

95 31.1 26.5 39.7

123 10.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 19.55 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.012 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

Tgt Ion:162 Resp: 62579

Ion Ratio Lower Upper

162 100

164 57.8 44.1 84.1

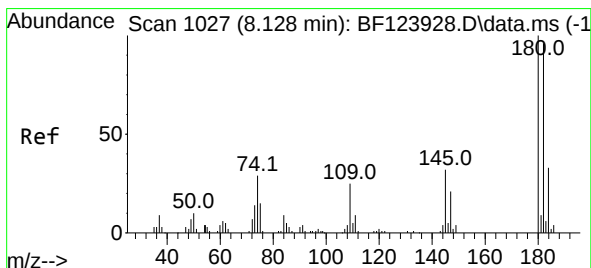
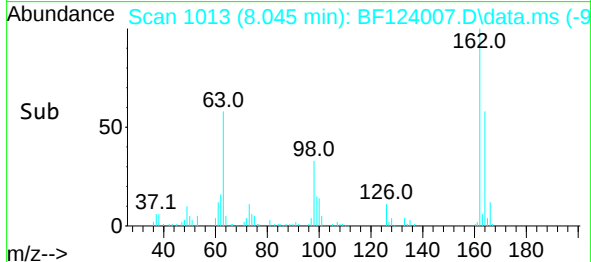
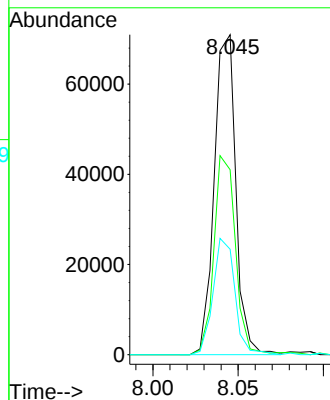
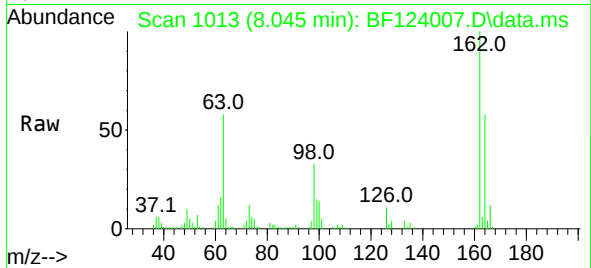
98 33.0 27.3 67.3

Instrument :

BNA\_F

ClientSampleId :

TP-4MS



#30

1,2,4-Trichlorobenzene

Concen: 18.40 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

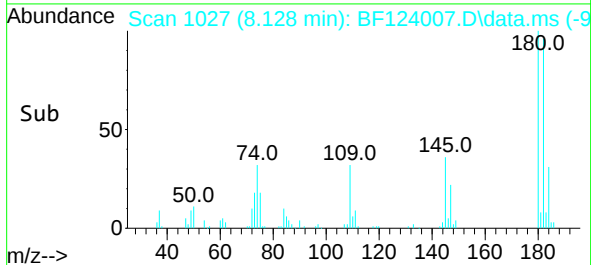
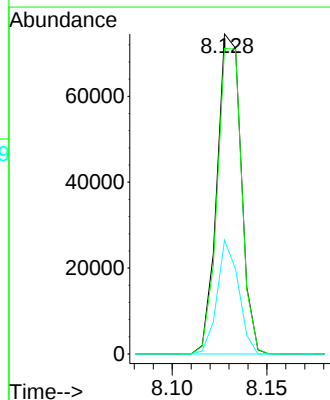
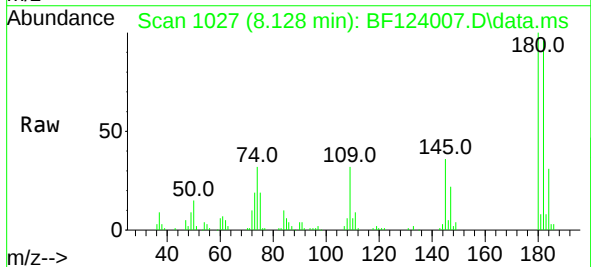
Tgt Ion:180 Resp: 66214

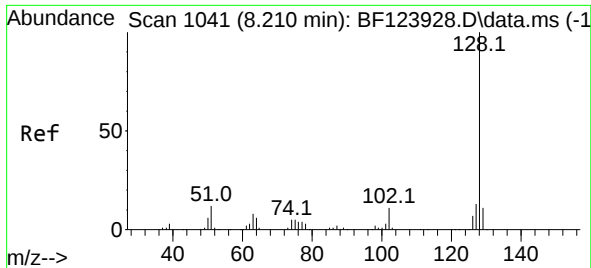
Ion Ratio Lower Upper

180 100

182 95.5 77.2 115.8

145 35.6 26.0 39.0

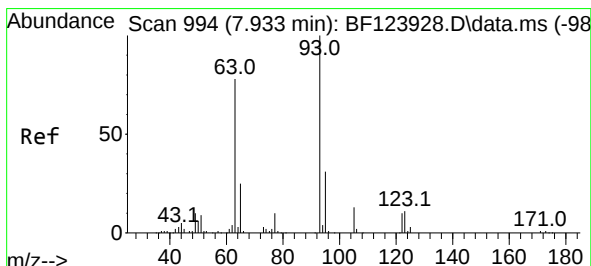
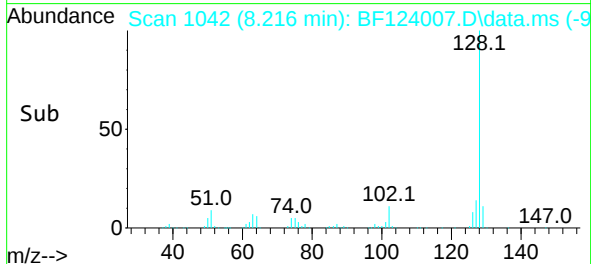
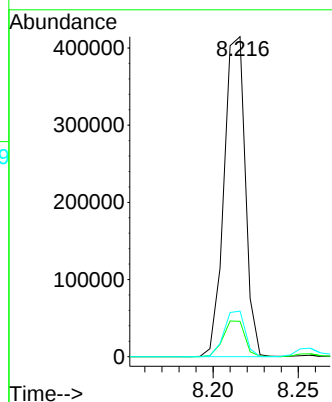
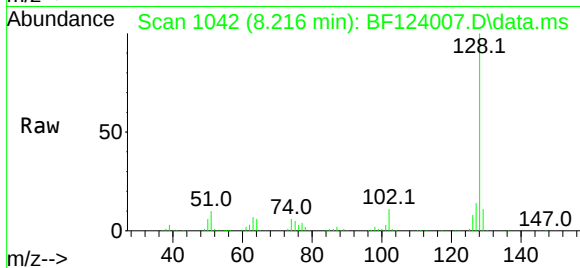




#31  
Naphthalene  
Concen: 32.96 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

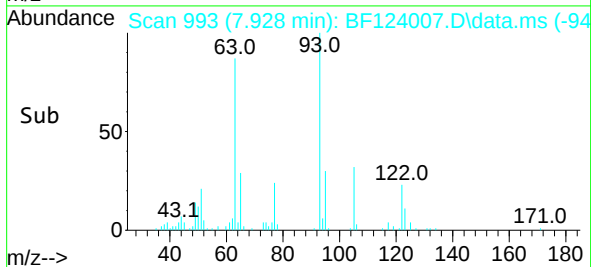
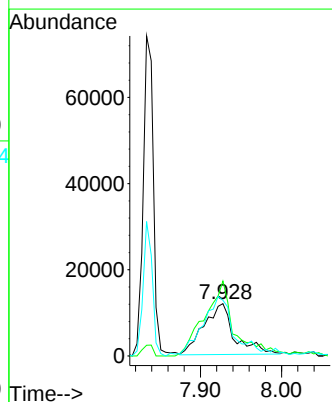
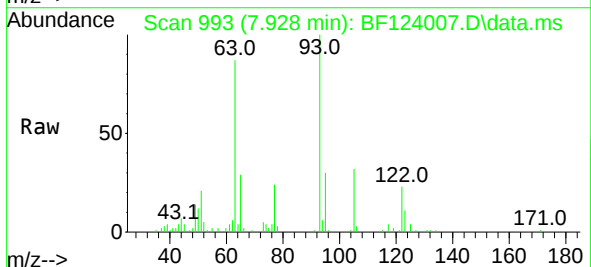
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

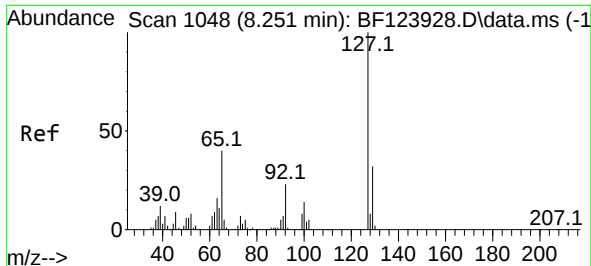
Tgt Ion:128 Resp: 360941  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 14.3 10.8 16.2



#32  
Benzoic acid  
Concen: 17.87 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:122 Resp: 31014  
Ion Ratio Lower Upper  
122 100  
105 143.1 107.8 147.8  
77 106.4 81.6 121.6

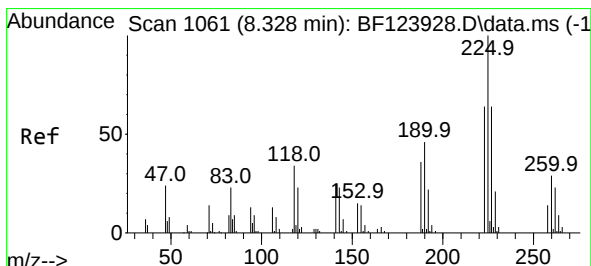
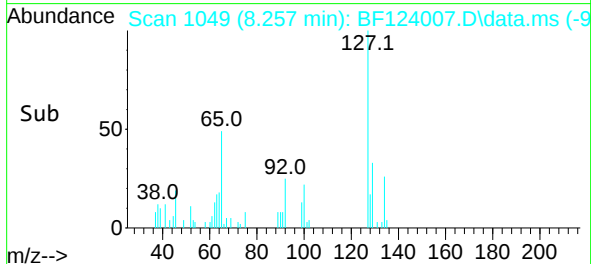
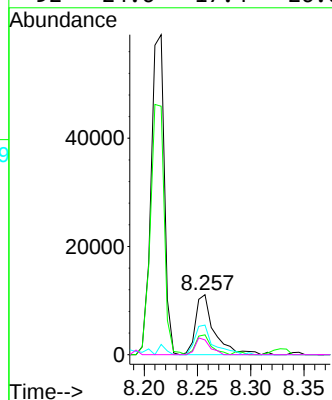
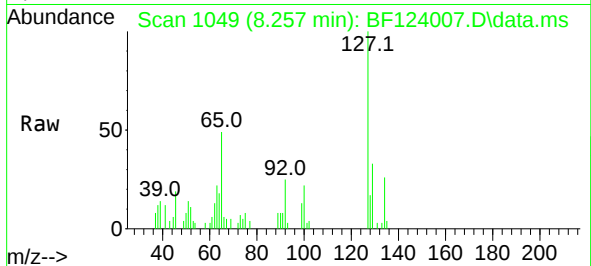




#33  
4-Chloroaniline  
Concen: 3.26 ng  
RT: 8.257 min Scan# 1049  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

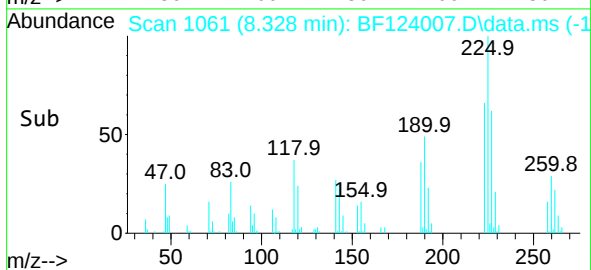
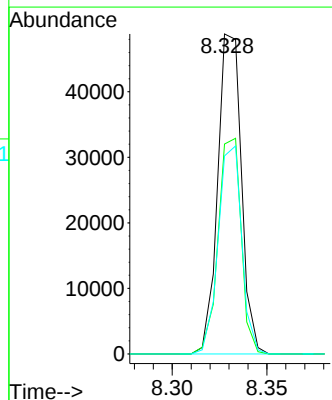
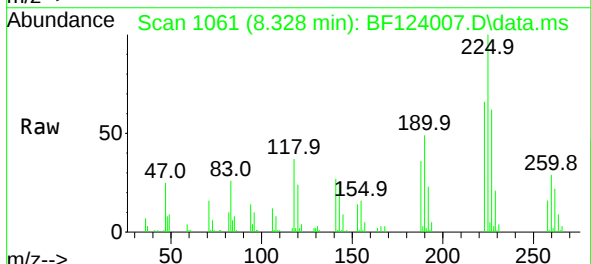
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

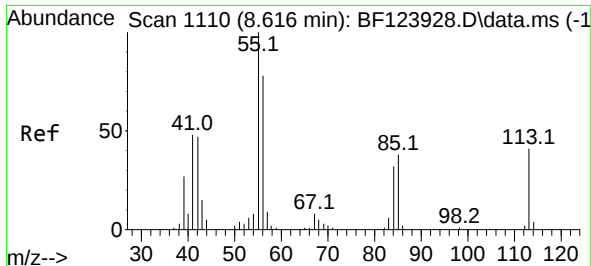
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 13592 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 33.1  | 25.7  | 38.5  |
| 65        | 49.2  | 34.5  | 51.7  |
| 92        | 24.6  | 17.4  | 26.0  |



#34  
Hexachlorobutadiene  
Concen: 18.04 ng  
RT: 8.328 min Scan# 1061  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 42522 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 65.6  | 50.4  | 75.6  |
| 227       | 61.9  | 51.4  | 77.0  |

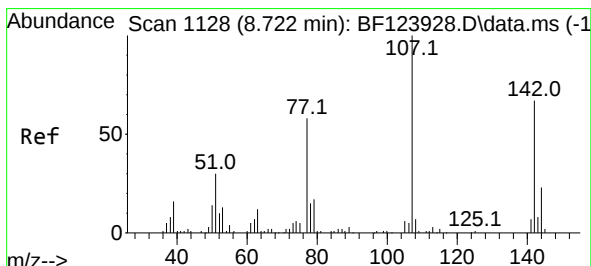
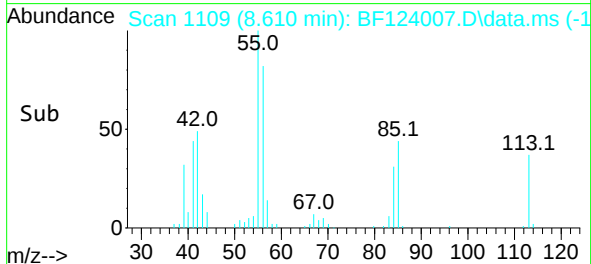
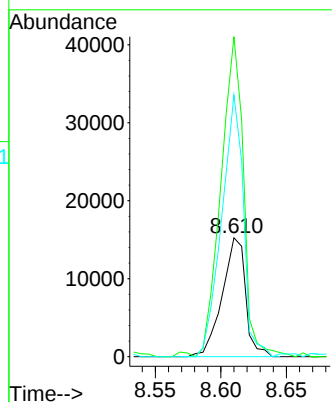
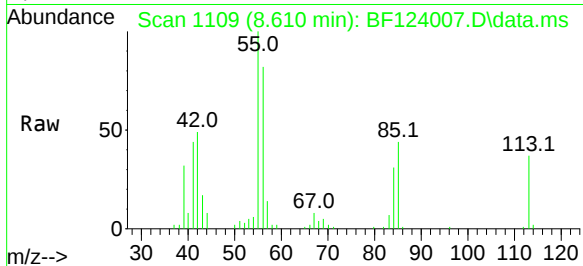




#35  
Caprolactam  
Concen: 21.74 ng  
RT: 8.610 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

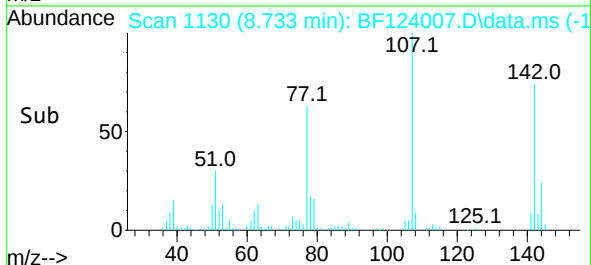
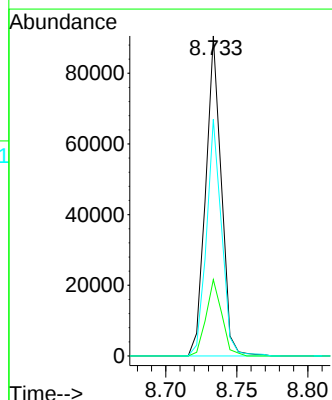
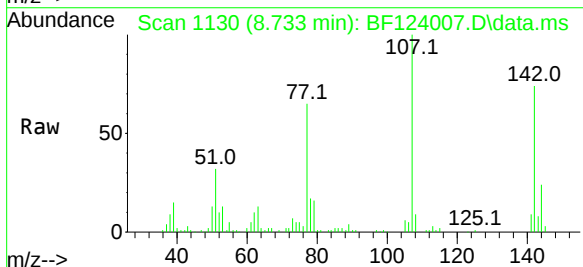
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

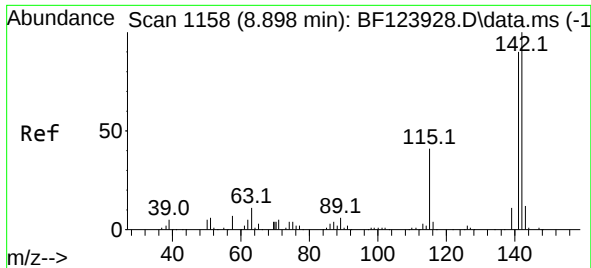
Tgt Ion:113 Resp: 18952  
Ion Ratio Lower Upper  
113 100  
55 269.1 254.9 294.9  
56 220.0 179.4 219.4#



#36  
4-Chloro-3-methylphenol  
Concen: 19.86 ng  
RT: 8.733 min Scan# 1130  
Delta R.T. 0.012 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:107 Resp: 69539  
Ion Ratio Lower Upper  
107 100  
144 23.8 16.3 24.5  
142 74.0 50.1 75.1

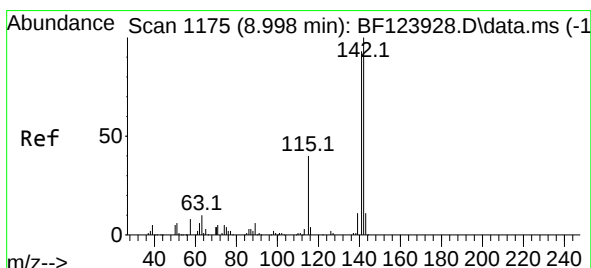
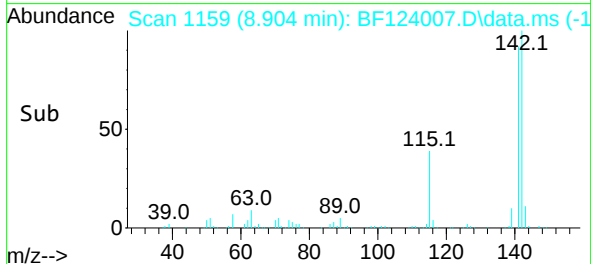
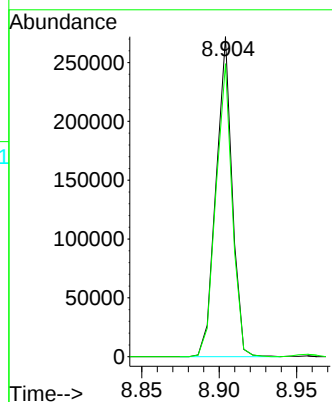
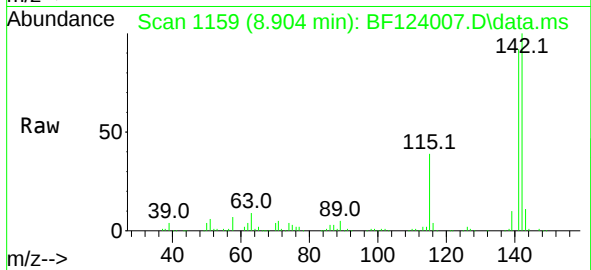




#37  
2-Methylnaphthalene  
Concen: 26.49 ng  
RT: 8.904 min Scan# 1159  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

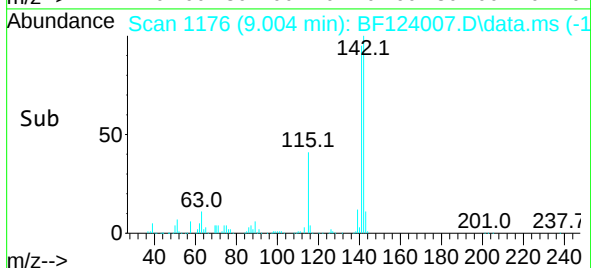
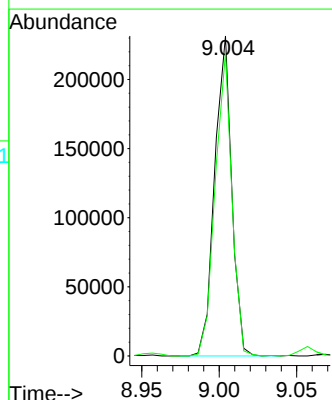
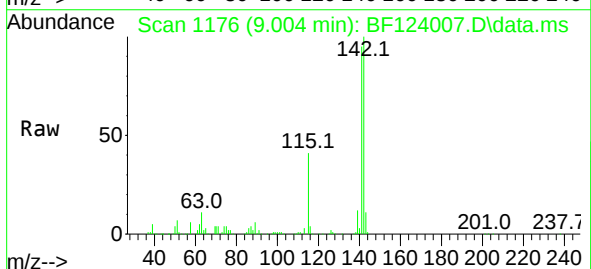
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

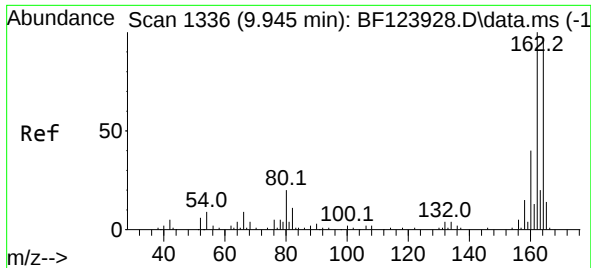
Tgt Ion:142 Resp: 196644  
Ion Ratio Lower Upper  
142 100  
141 91.6 71.8 107.6



#38  
1-Methylnaphthalene  
Concen: 25.56 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:142 Resp: 177043  
Ion Ratio Lower Upper  
142 100  
141 94.8 72.8 109.2



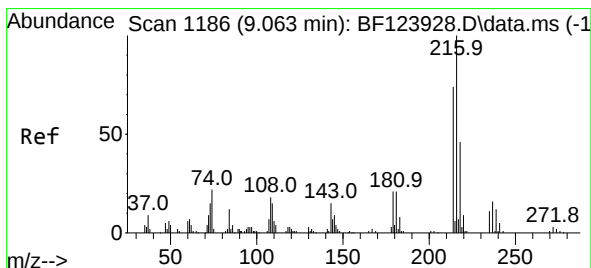
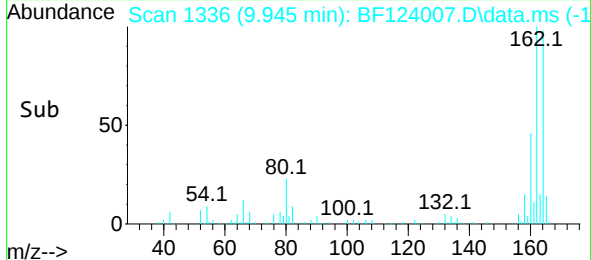
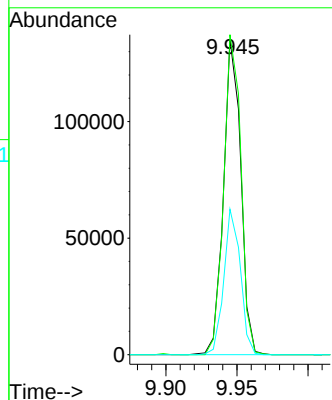
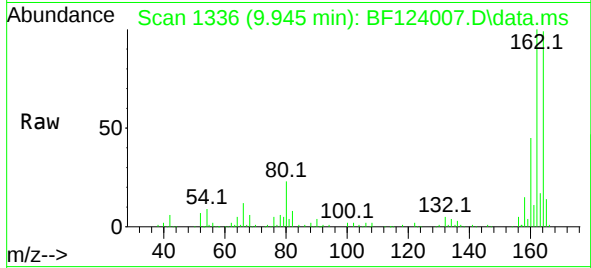


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

Tgt Ion:164 Resp: 113937

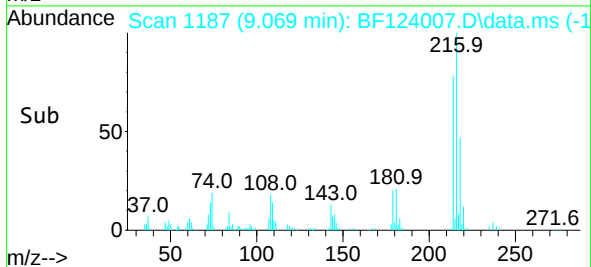
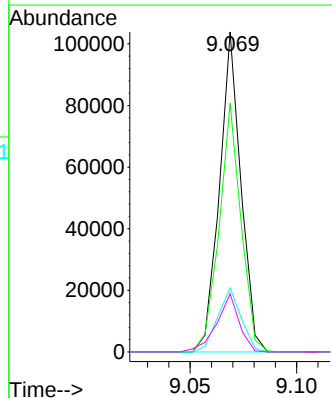
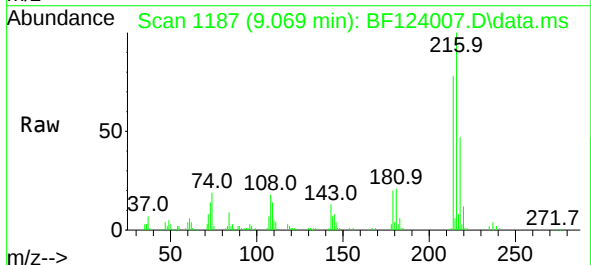
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.4 | 80.7  | 121.1 |
| 160 | 46.1  | 37.3  | 55.9  |

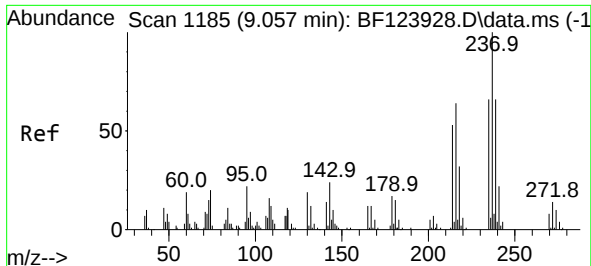


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 17.69 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:216 Resp: 72683

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.8  | 63.8  | 95.8  |
| 179 | 21.8  | 17.9  | 26.9  |
| 108 | 19.0  | 18.6  | 28.0  |

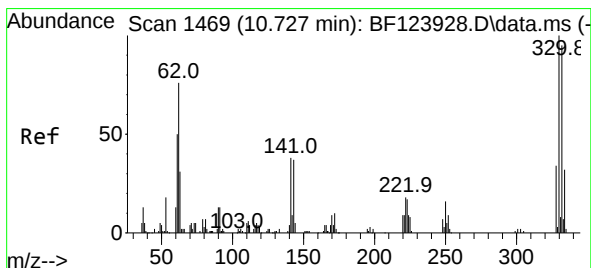
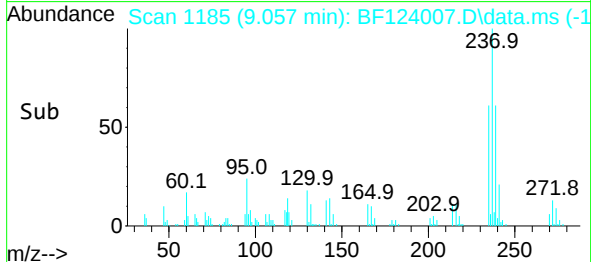
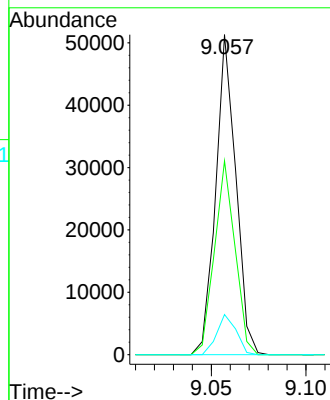
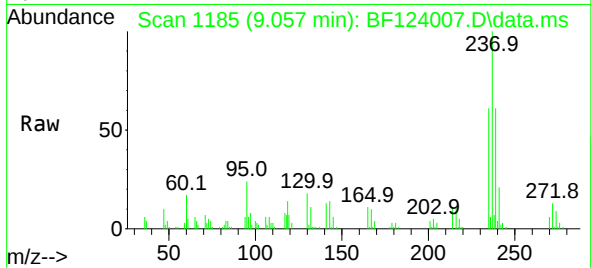




#41  
Hexachlorocyclopentadiene  
Concen: 14.52 ng  
RT: 9.057 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

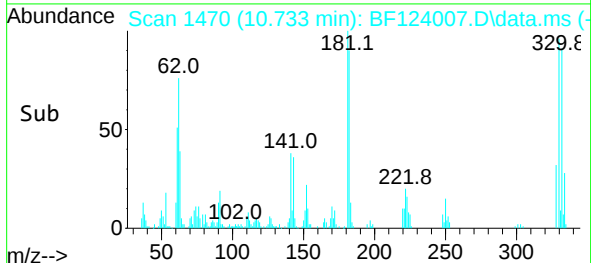
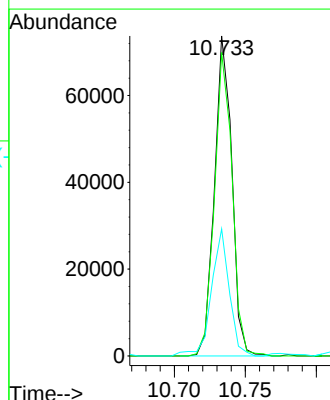
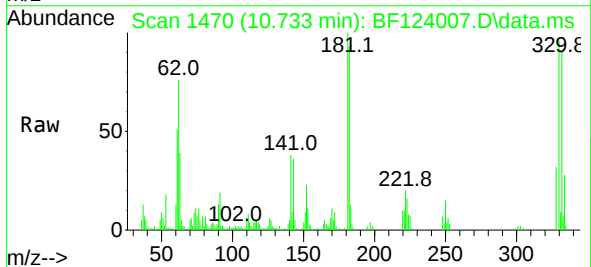
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

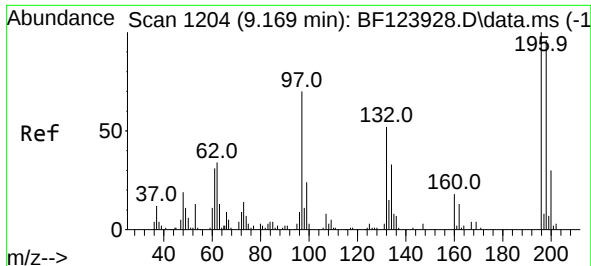
Tgt Ion:237 Resp: 37941  
Ion Ratio Lower Upper  
237 100  
235 60.5 38.8 78.8  
272 12.6 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 45.92 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:330 Resp: 62839  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.1 115.7  
141 40.6 27.9 41.9

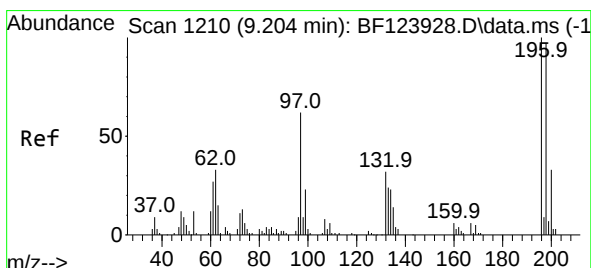
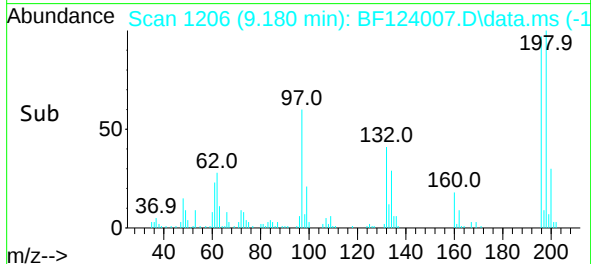
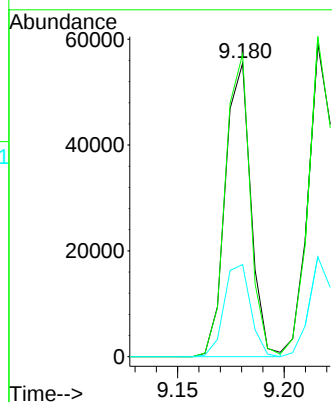
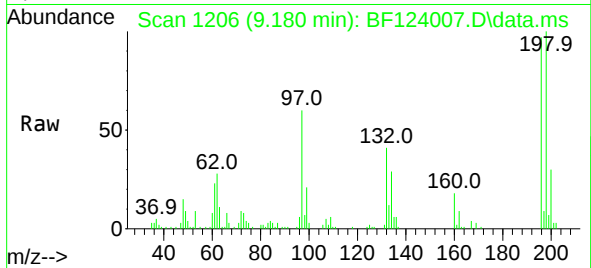




#43  
2,4,6-Trichlorophenol  
Concen: 17.38 ng  
RT: 9.180 min Scan# 1206  
Delta R.T. 0.012 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

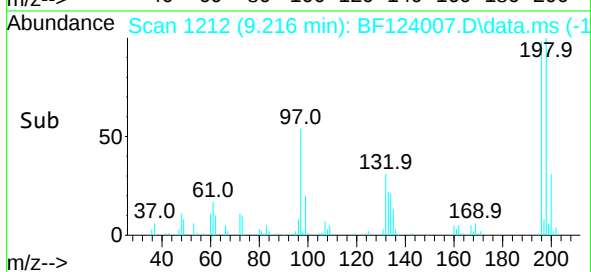
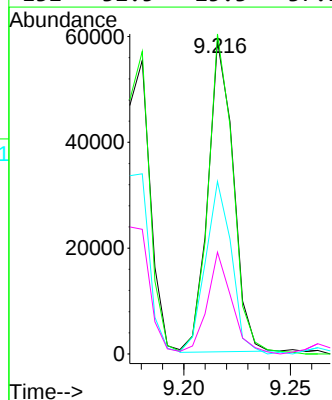
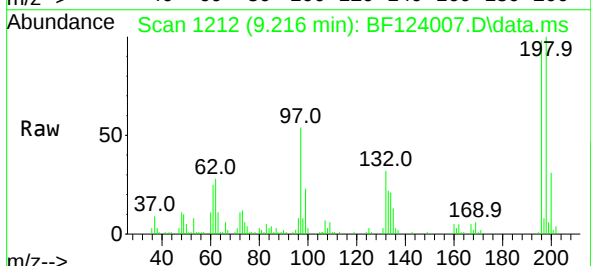
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

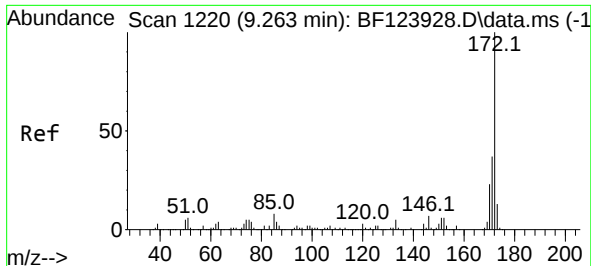
Tgt Ion:196 Resp: 46343  
Ion Ratio Lower Upper  
196 100  
198 103.1 78.2 117.2  
200 31.4 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 17.61 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. 0.012 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:196 Resp: 48770  
Ion Ratio Lower Upper  
196 100  
198 102.3 76.5 114.7  
97 55.1 52.9 79.3  
132 32.5 25.3 37.9

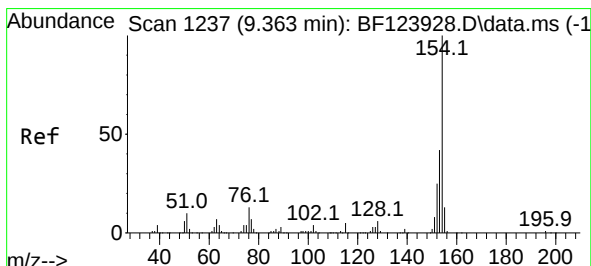
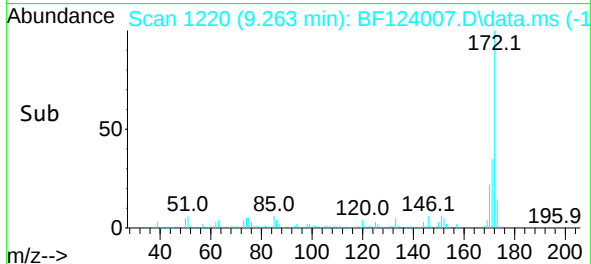
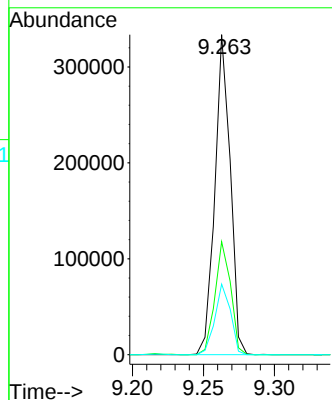
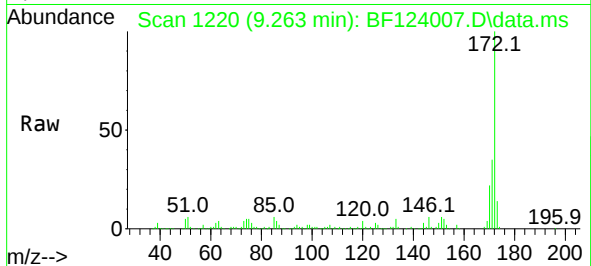




#45  
2-Fluorobiphenyl  
Concen: 27.05 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

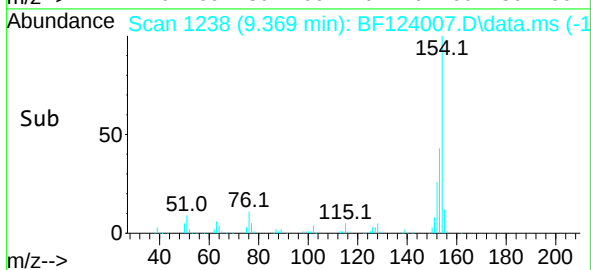
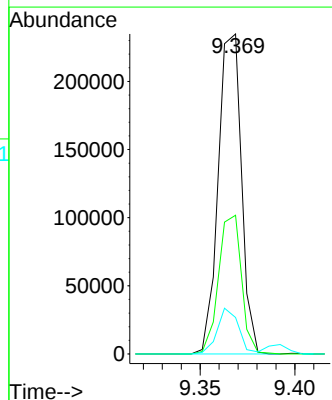
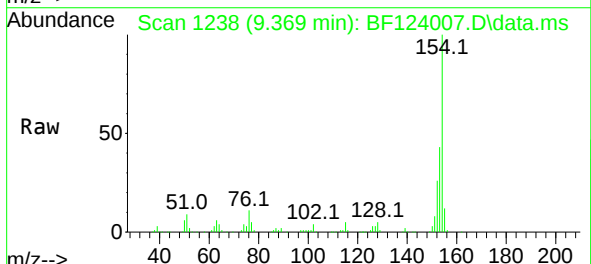
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

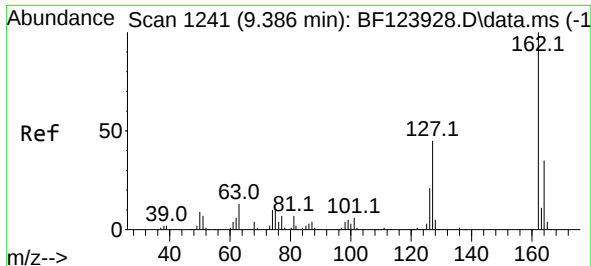
Tgt Ion:172 Resp: 250409  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.1 42.1  
170 22.0 19.2 28.8



#46  
1,1'-Biphenyl  
Concen: 19.98 ng  
RT: 9.369 min Scan# 1238  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:154 Resp: 200540  
Ion Ratio Lower Upper  
154 100  
153 43.3 20.7 60.7  
76 11.4 0.0 31.7

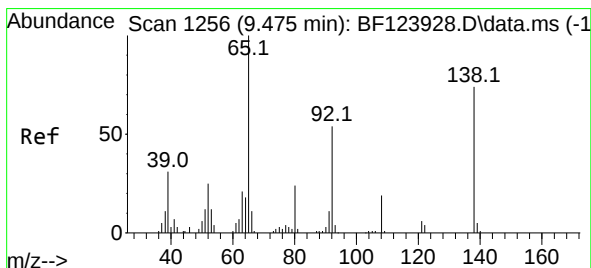
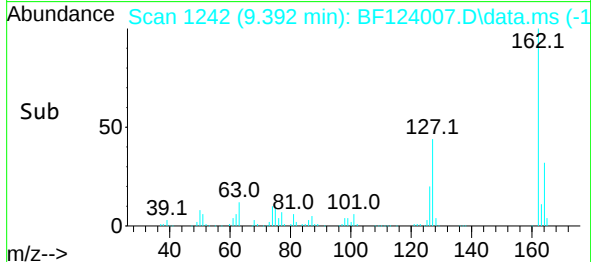
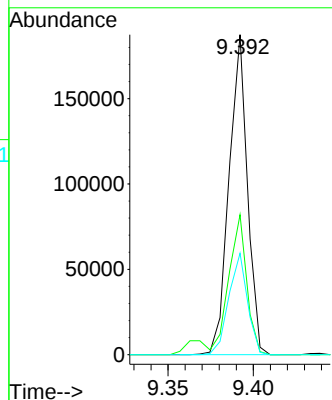
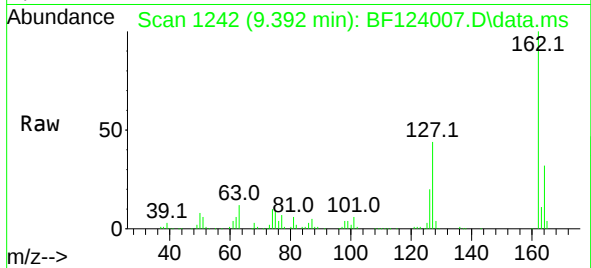




#47  
2-Chloronaphthalene  
Concen: 17.58 ng  
RT: 9.392 min Scan# 1242  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

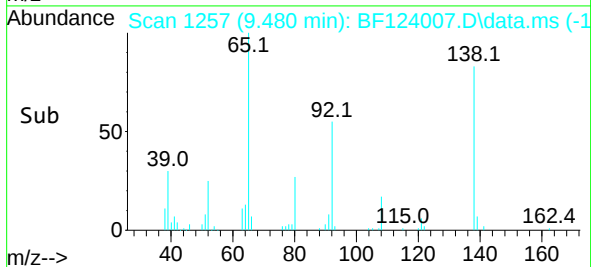
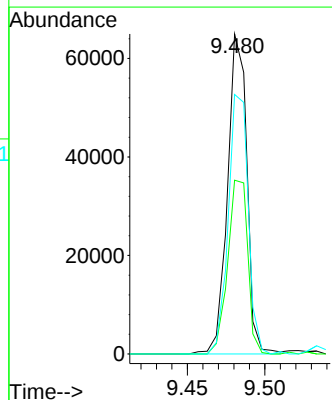
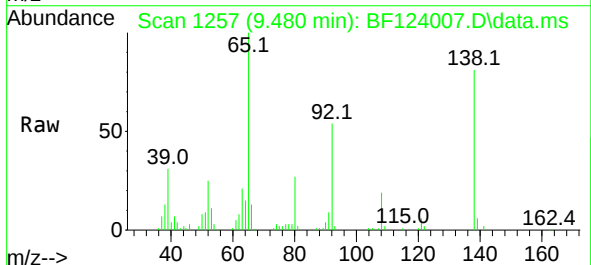
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

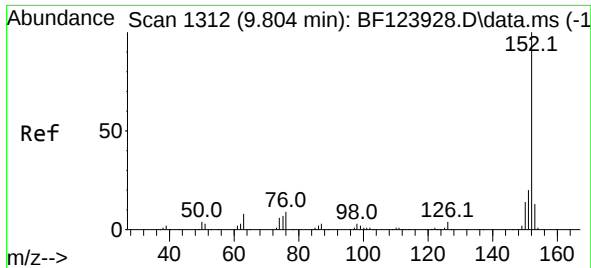
Tgt Ion:162 Resp: 140088  
Ion Ratio Lower Upper  
162 100  
127 43.8 36.2 54.2  
164 31.7 25.4 38.2



#48  
2-Nitroaniline  
Concen: 20.95 ng  
RT: 9.480 min Scan# 1257  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion: 65 Resp: 56385  
Ion Ratio Lower Upper  
65 100  
92 54.3 47.1 70.7  
138 81.1 70.2 105.2





#49

Acenaphthylene

Concen: 19.42 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

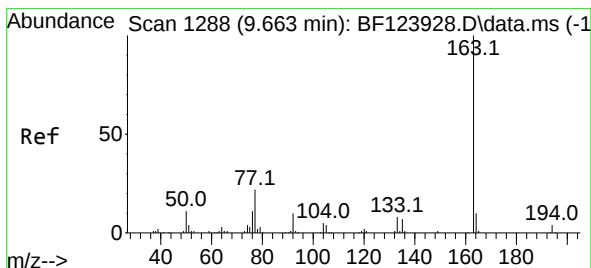
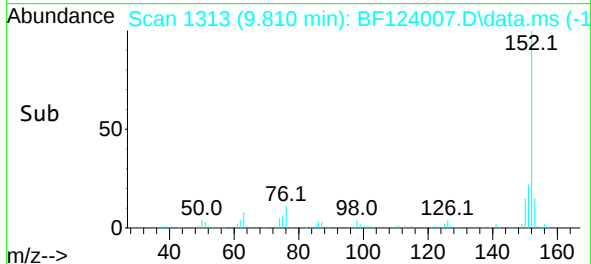
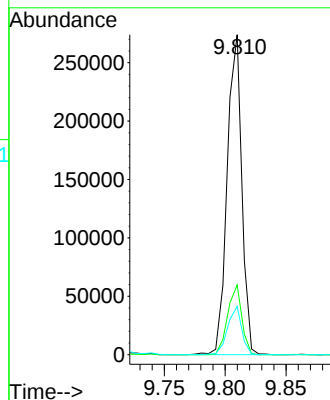
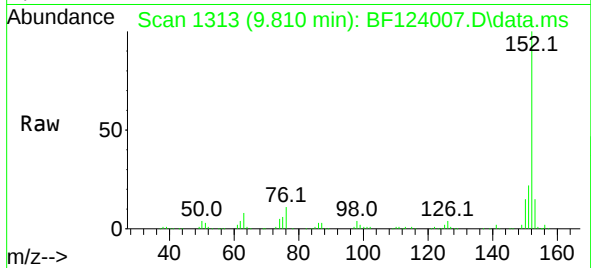
Tgt Ion:152 Resp: 228694

Ion Ratio Lower Upper

152 100

151 21.8 16.0 24.0

153 15.1 10.4 15.6



#50

Dimethylphthalate

Concen: 19.85 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

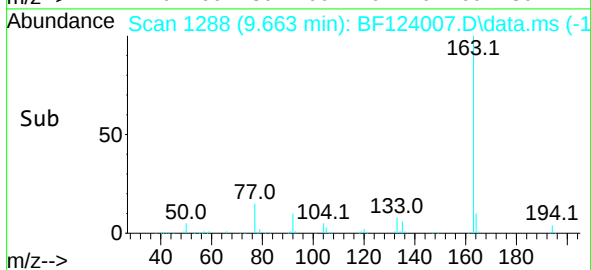
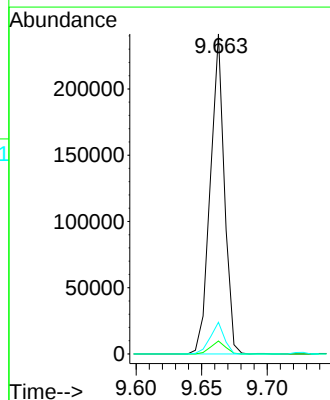
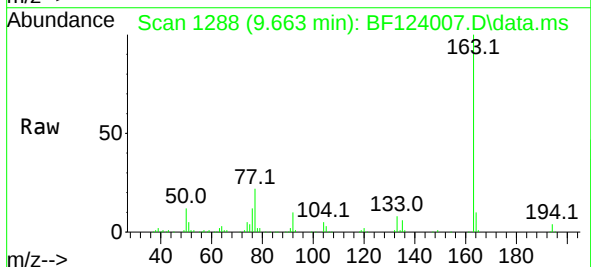
Tgt Ion:163 Resp: 180572

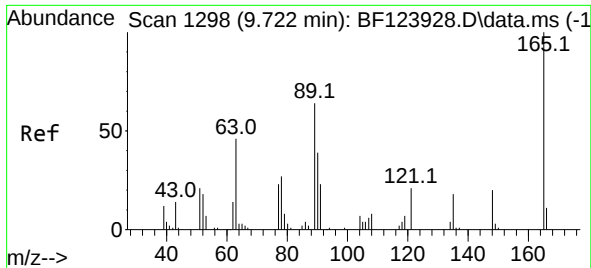
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 8.2 12.2

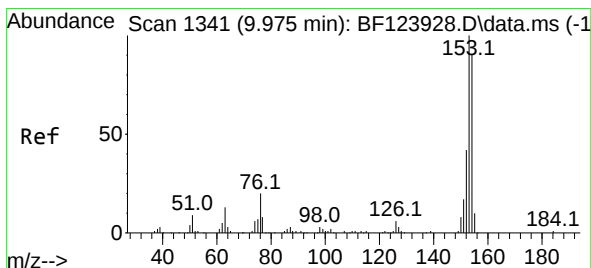
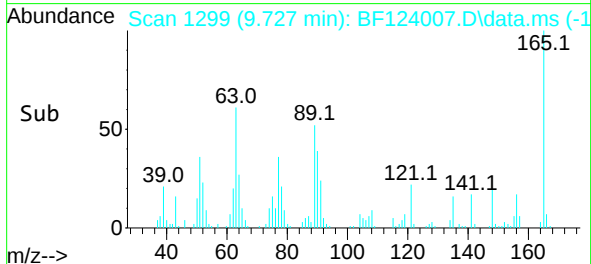
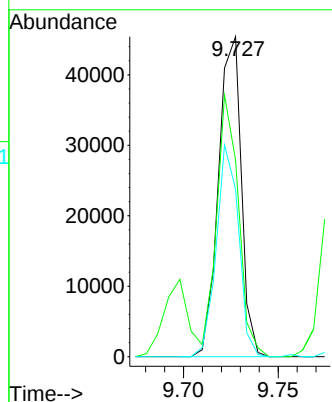
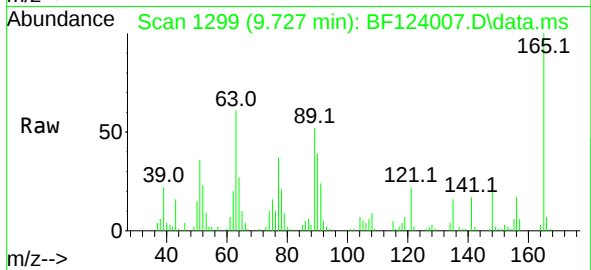




#51  
2,6-Dinitrotoluene  
Concen: 20.67 ng  
RT: 9.727 min Scan# 1299  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

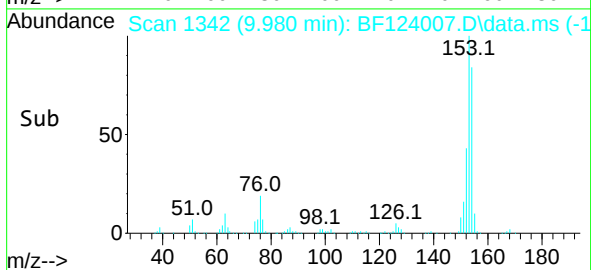
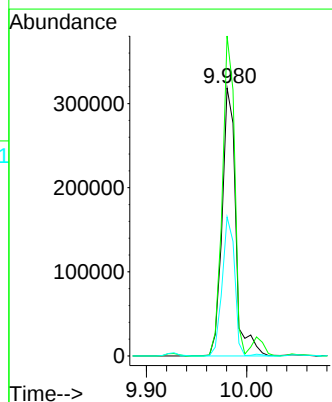
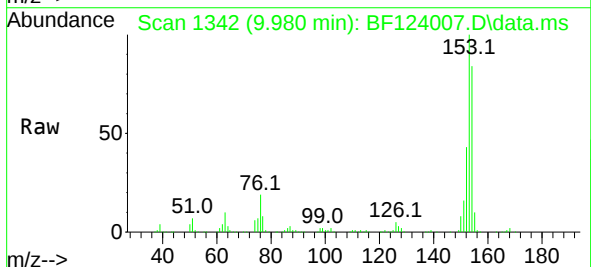
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

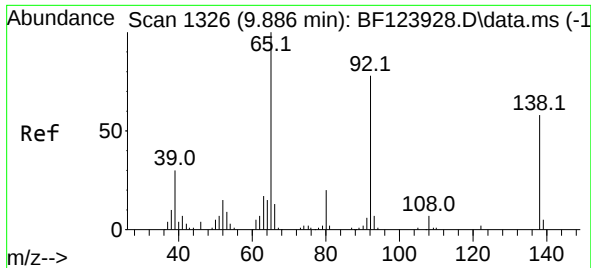
Tgt Ion:165 Resp: 38023  
Ion Ratio Lower Upper  
165 100  
63 61.4 67.7 101.5#  
89 52.4 58.8 88.2#



#52  
Acenaphthene  
Concen: 37.29 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:154 Resp: 300665  
Ion Ratio Lower Upper  
154 100  
153 119.4 88.1 132.1  
152 51.9 43.4 65.0

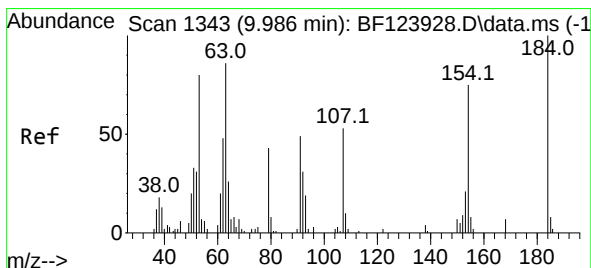
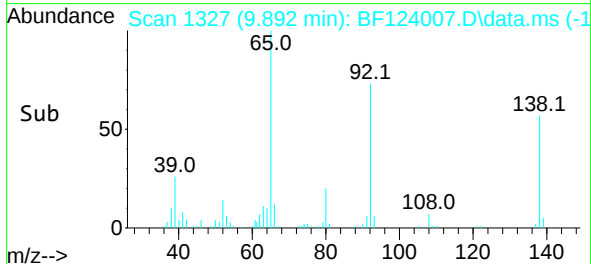
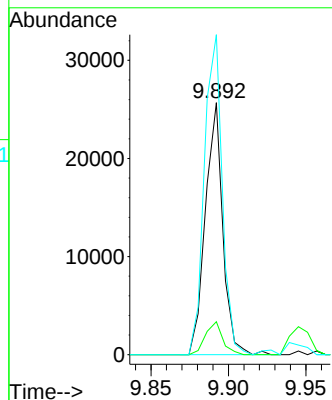
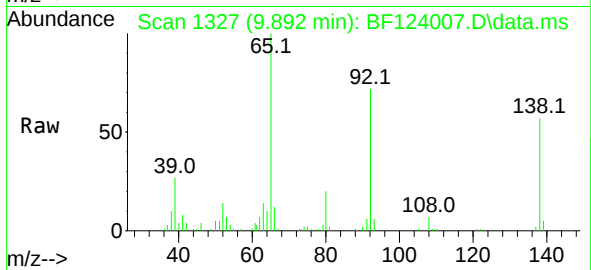




#53  
3-Nitroaniline  
Concen: 11.01 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

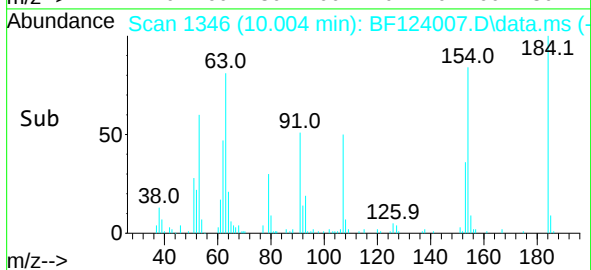
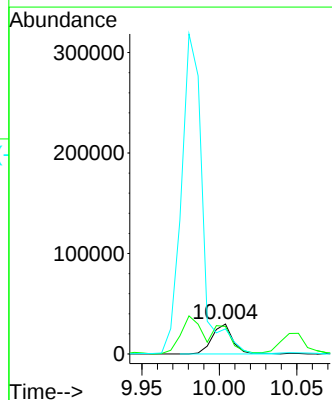
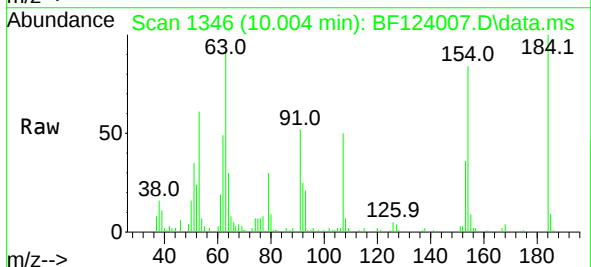
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

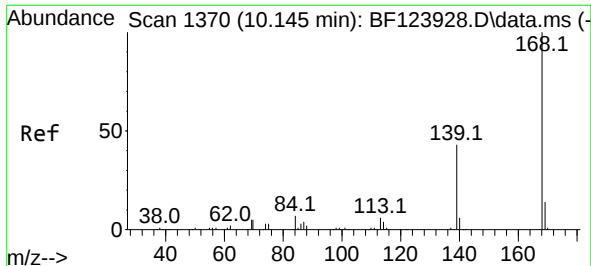
Tgt Ion:138 Resp: 20133  
Ion Ratio Lower Upper  
138 100  
108 13.1 10.2 15.4  
92 127.0 103.3 154.9



#54  
2,4-Dinitrophenol  
Concen: 32.37 ng  
RT: 10.004 min Scan# 1346  
Delta R.T. 0.018 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:184 Resp: 27298  
Ion Ratio Lower Upper  
184 100  
63 91.9 73.5 110.3  
154 83.8 52.5 78.7#

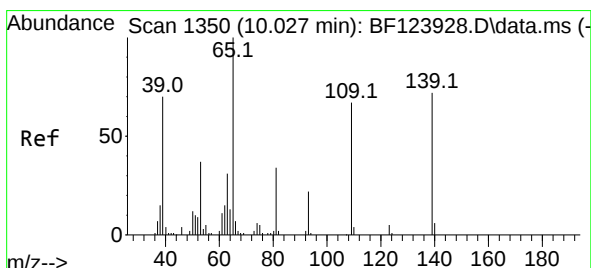
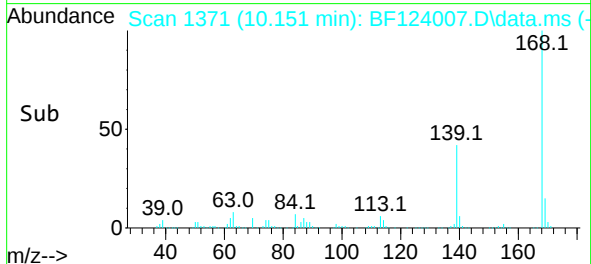
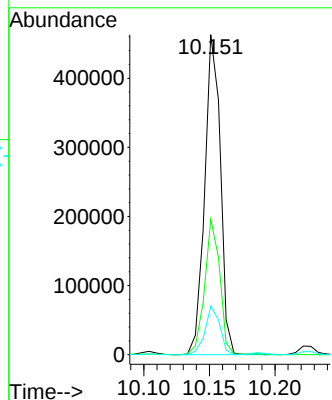
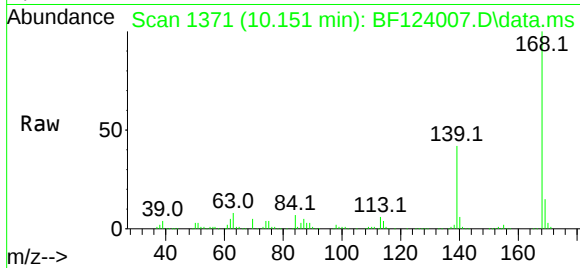




#55  
Dibenzofuran  
Concen: 33.39 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

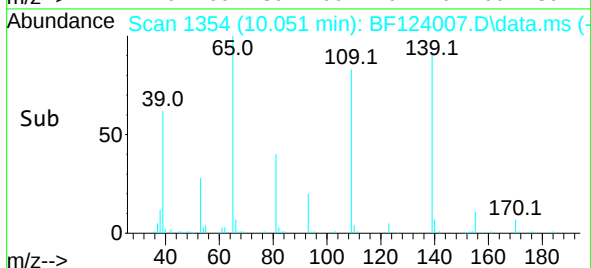
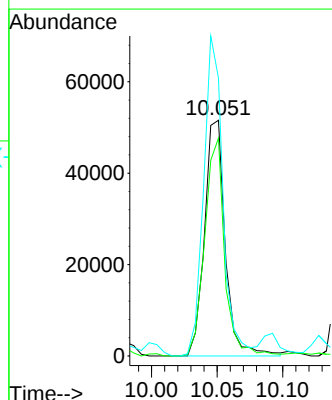
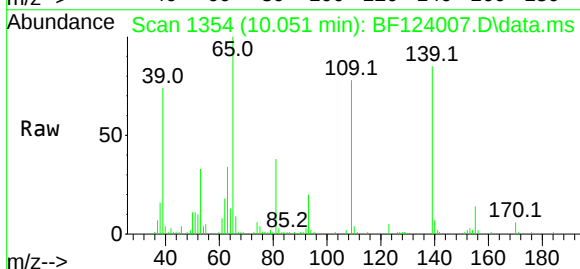
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

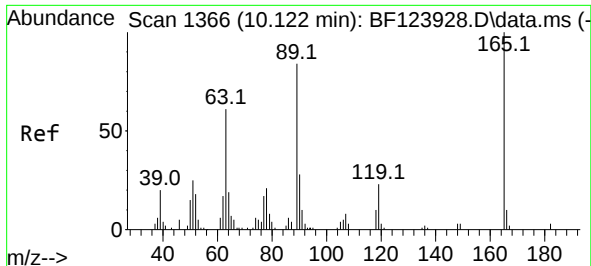
Tgt Ion:168 Resp: 386595  
Ion Ratio Lower Upper  
168 100  
139 42.3 33.2 49.8  
169 15.1 10.8 16.2



#56  
4-Nitrophenol  
Concen: 37.70 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. 0.024 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:139 Resp: 57025  
Ion Ratio Lower Upper  
139 100  
109 92.4 63.2 103.2  
65 118.0 110.0 150.0

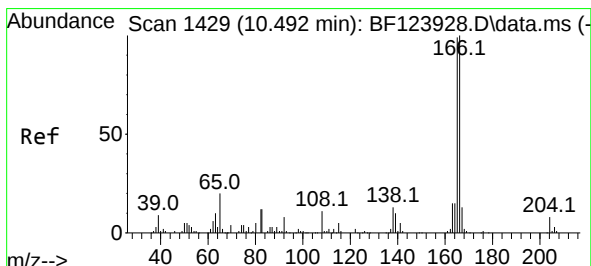
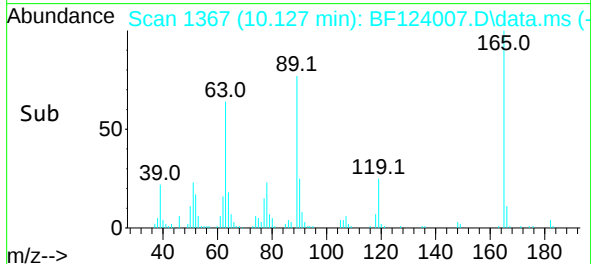
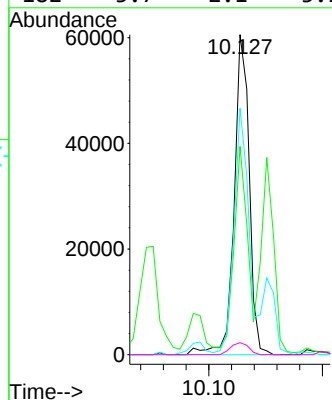
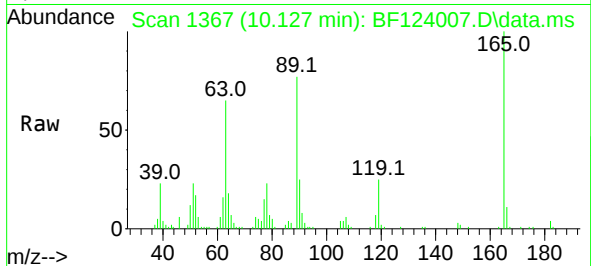




#57  
2,4-Dinitrotoluene  
Concen: 24.49 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

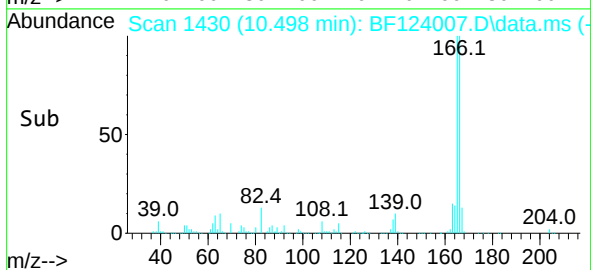
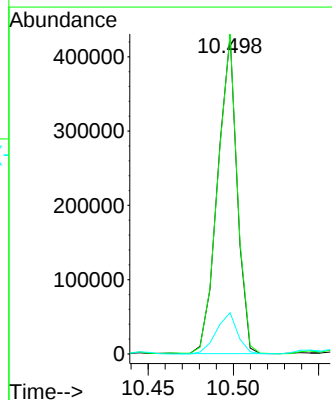
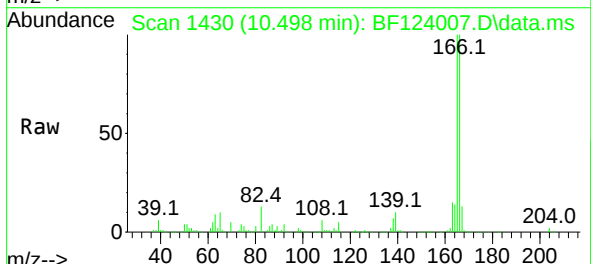
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

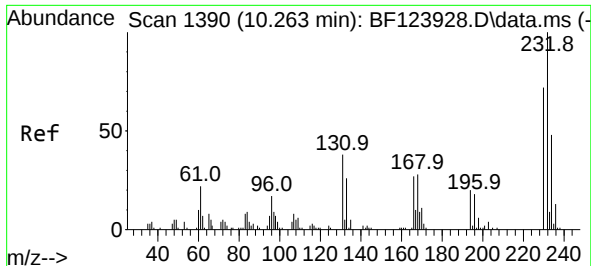
Tgt Ion:165 Resp: 55261  
Ion Ratio Lower Upper  
165 100  
63 65.1 43.5 65.3  
89 77.0 67.7 101.5  
182 3.7 2.1 3.1#



#58  
Fluorene  
Concen: 38.90 ng  
RT: 10.498 min Scan# 1430  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:166 Resp: 339366  
Ion Ratio Lower Upper  
166 100  
165 100.2 73.5 110.3  
167 12.9 10.7 16.1

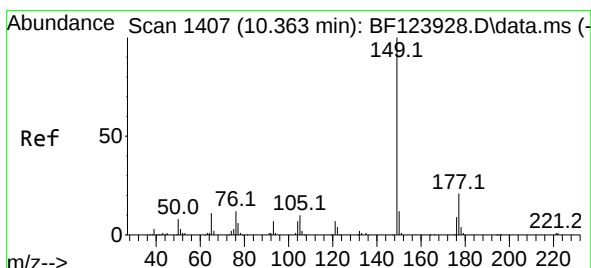
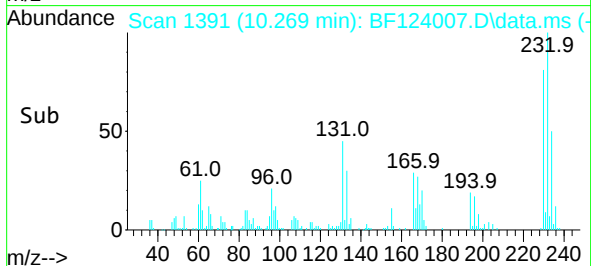
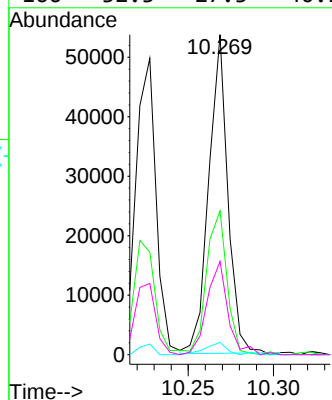
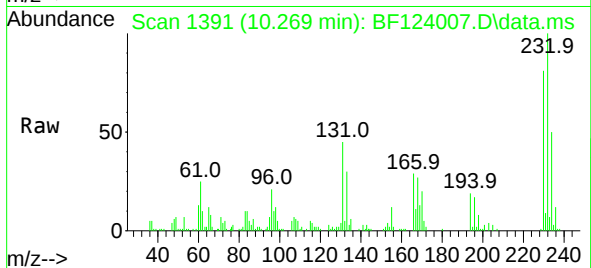




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 18.23 ng  
RT: 10.269 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

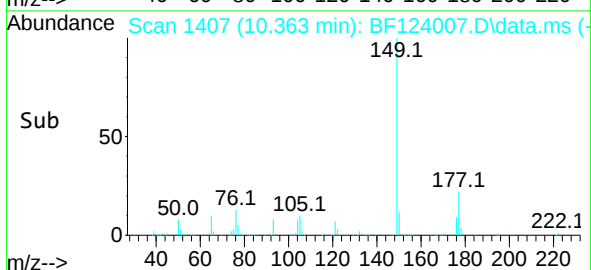
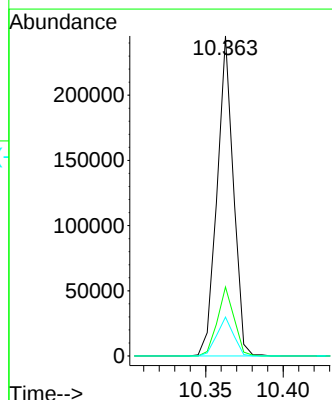
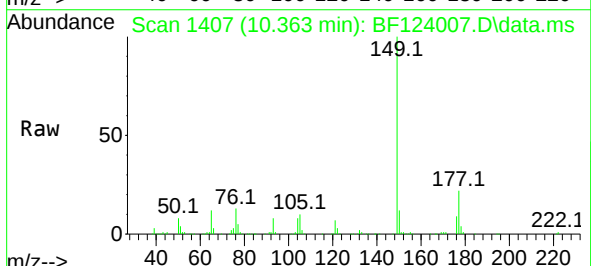
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

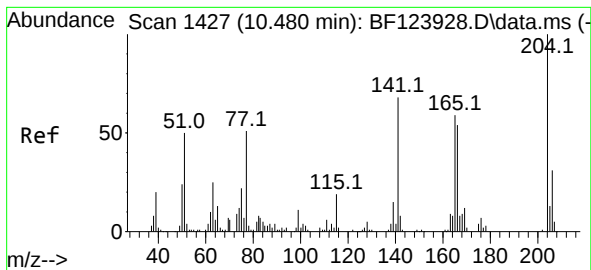
Tgt Ion:232 Resp: 41526  
Ion Ratio Lower Upper  
232 100  
131 48.0 43.2 64.8  
130 4.5 2.2 3.2#  
166 32.3 27.3 40.9



#60  
Diethylphthalate  
Concen: 19.87 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:149 Resp: 179005  
Ion Ratio Lower Upper  
149 100  
177 21.5 15.4 23.2  
150 12.2 9.9 14.9

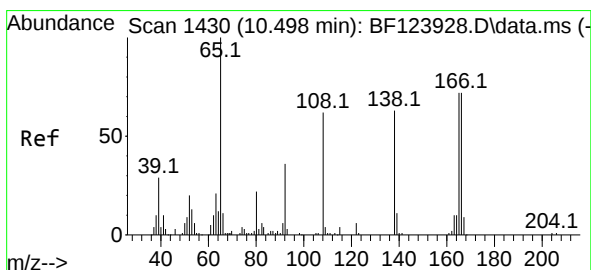
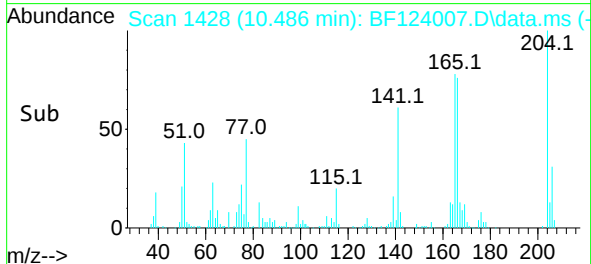
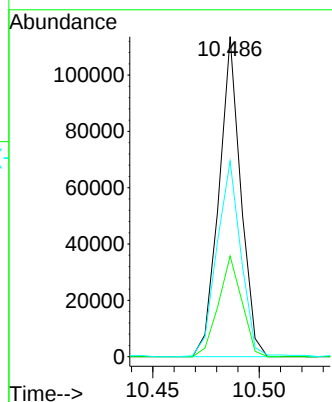
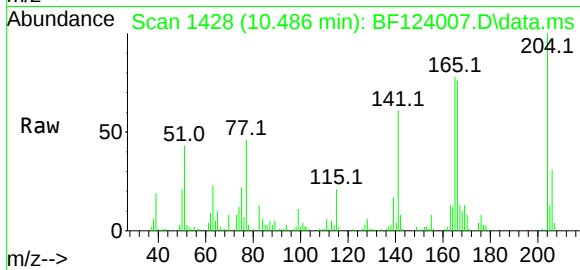




#61  
4-Chlorophenyl-phenylether  
Concen: 18.51 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

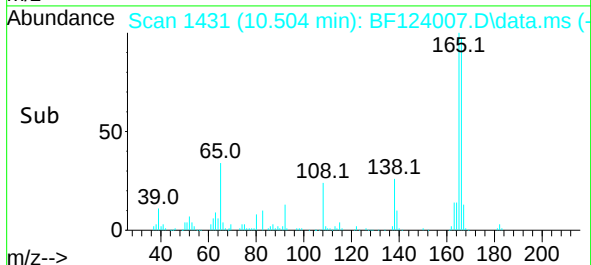
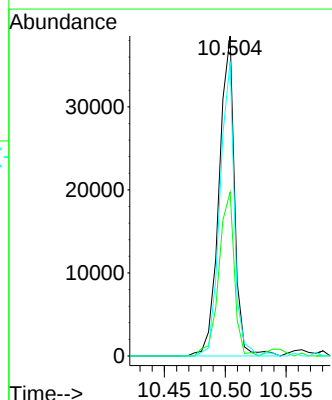
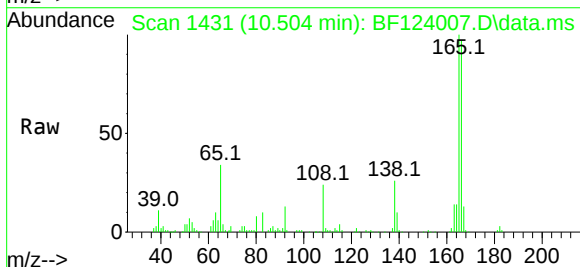
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

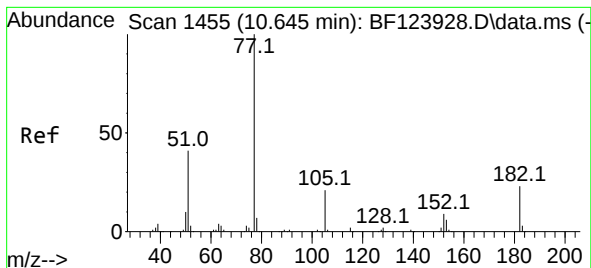
Tgt Ion:204 Resp: 80943  
Ion Ratio Lower Upper  
204 100  
206 31.5 25.7 38.5  
141 61.2 55.5 83.3



#62  
4-Nitroaniline  
Concen: 18.77 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:138 Resp: 34145  
Ion Ratio Lower Upper  
138 100  
92 51.2 35.8 75.8  
108 92.0 63.6 103.6





#63

Azobenzene

Concen: 18.20 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

Tgt Ion: 77 Resp: 182338

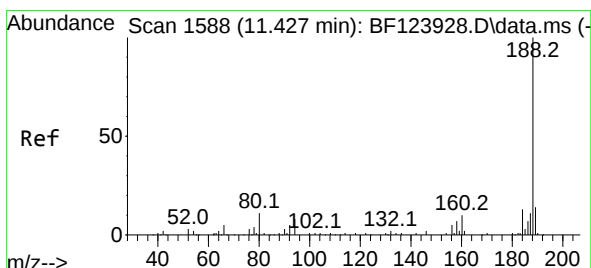
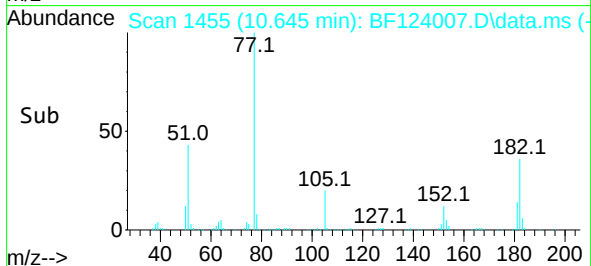
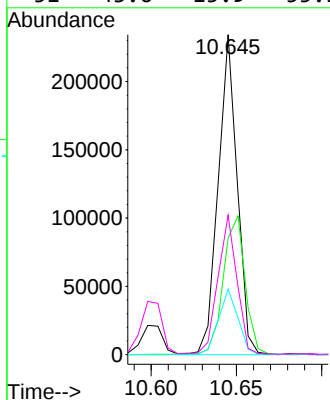
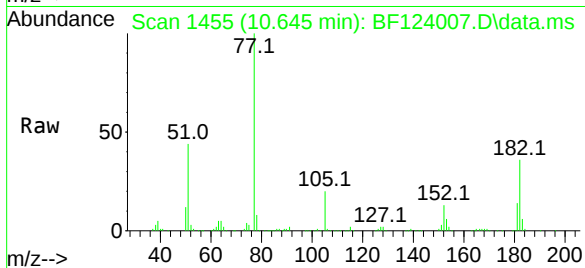
Ion Ratio Lower Upper

77 100

182 36.5 1.7 41.7

105 20.5 1.7 41.7

51 43.6 15.9 55.9



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.012 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

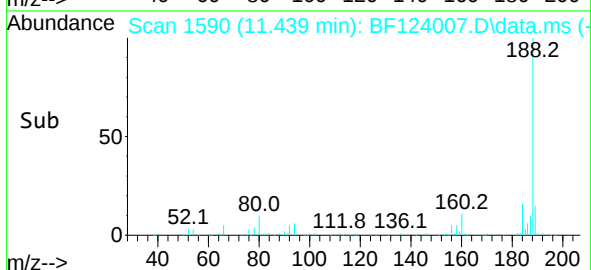
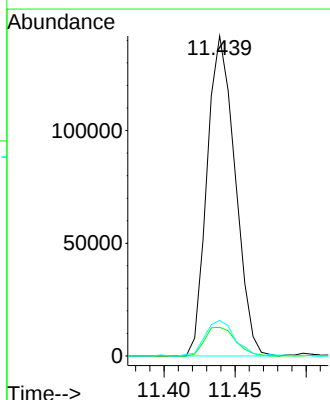
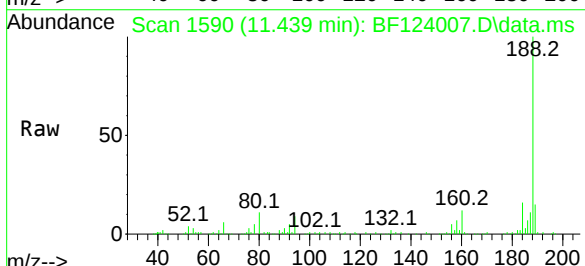
Tgt Ion: 188 Resp: 194908

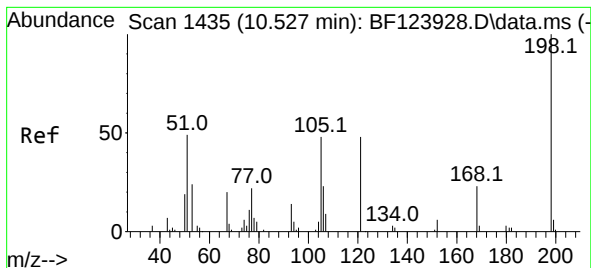
Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

80 11.1 8.2 12.2

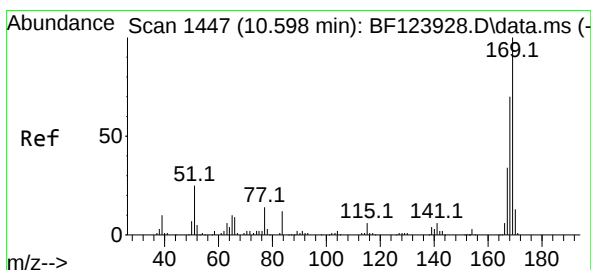
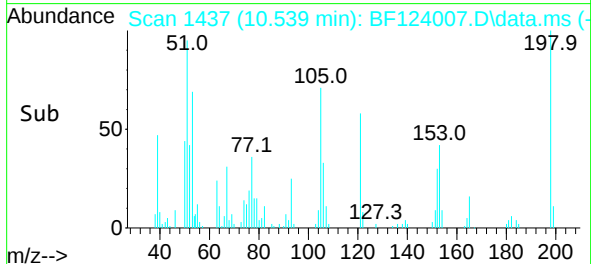
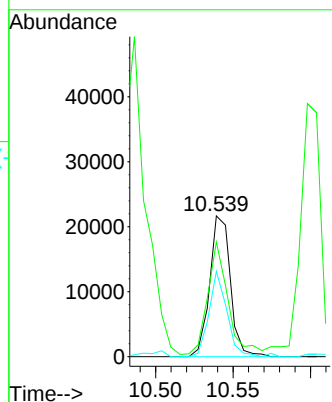
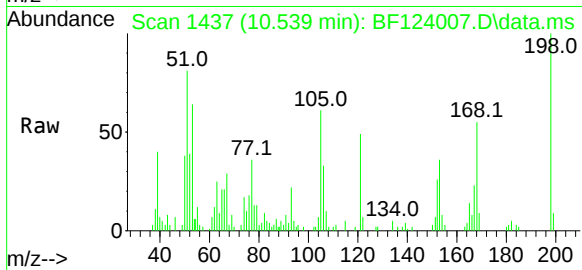




#65  
4,6-Dinitro-2-methylphenol  
Concen: 19.64 ng  
RT: 10.539 min Scan# 1437  
Delta R.T. 0.012 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

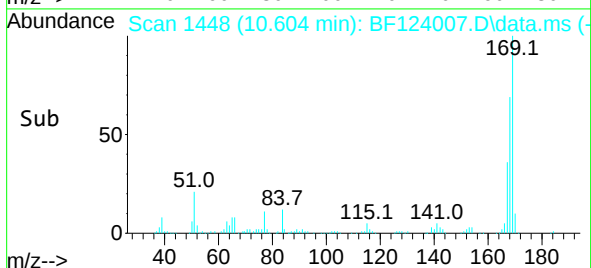
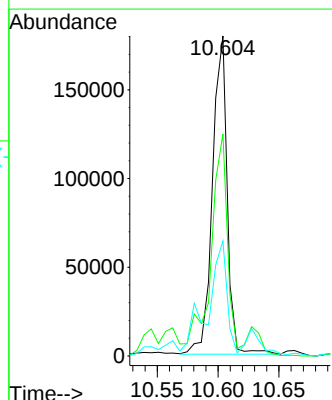
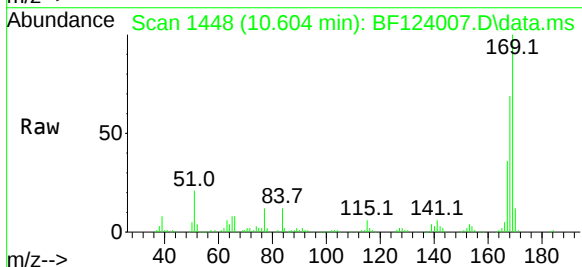
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

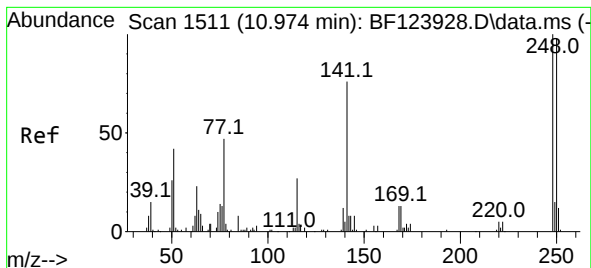
Tgt Ion:198 Resp: 20110  
Ion Ratio Lower Upper  
198 100  
51 81.5 64.8 104.8  
105 60.7 42.6 82.6



#66  
n-Nitrosodiphenylamine  
Concen: 20.32 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:169 Resp: 151296  
Ion Ratio Lower Upper  
169 100  
168 69.3 53.3 79.9  
167 35.9 29.9 44.9

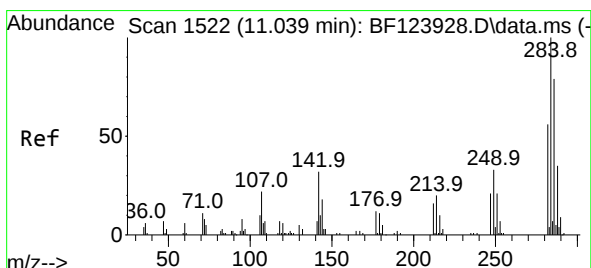
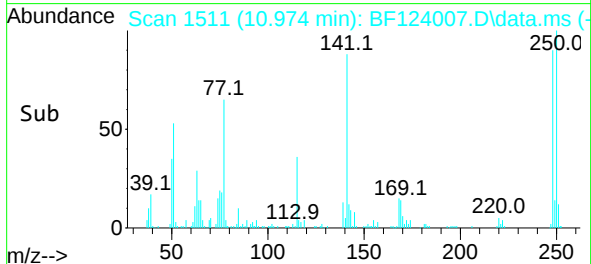
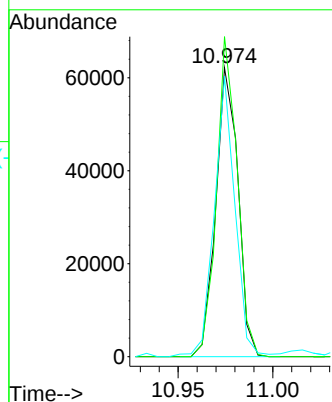
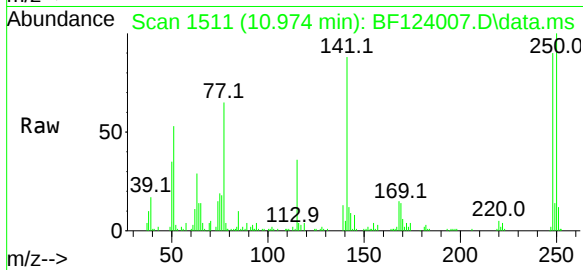




#67  
4-Bromophenyl-phenylether  
Concen: 19.71 ng  
RT: 10.974 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

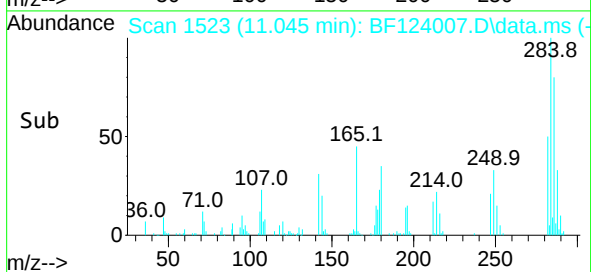
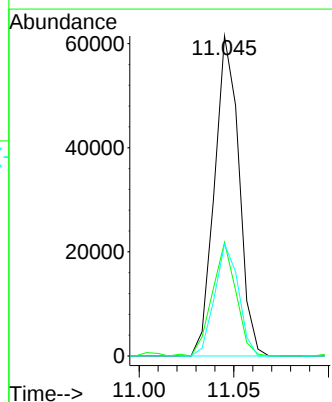
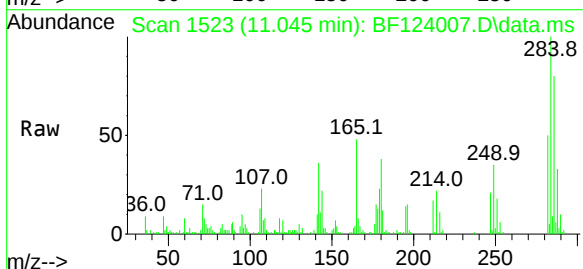
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

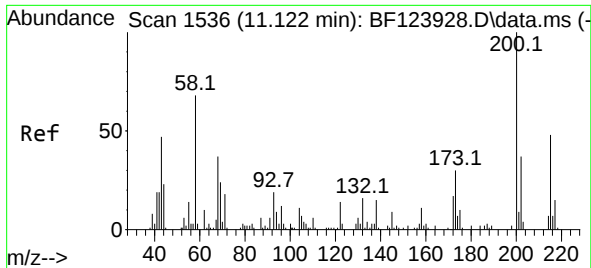
Tgt Ion:248 Resp: 50487  
Ion Ratio Lower Upper  
248 100  
250 110.8 77.4 116.2  
141 97.1 63.7 95.5#



#68  
Hexachlorobenzene  
Concen: 19.25 ng  
RT: 11.045 min Scan# 1523  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:284 Resp: 55061  
Ion Ratio Lower Upper  
284 100  
142 35.5 28.3 42.5  
249 34.9 23.5 35.3

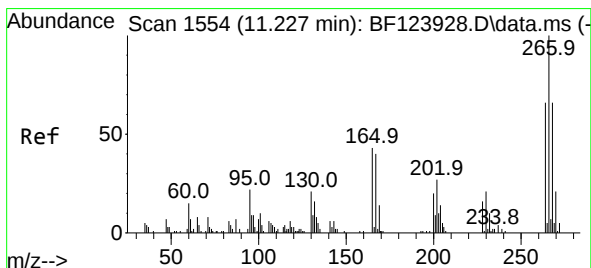
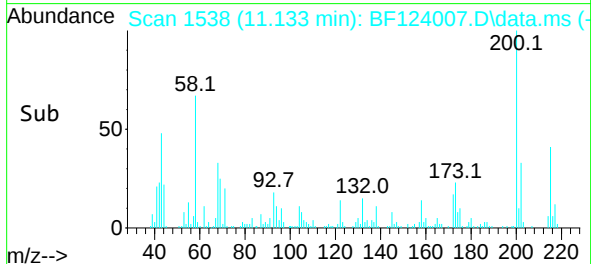
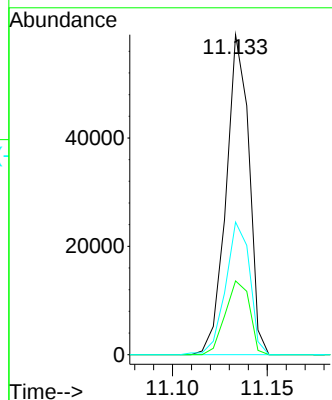
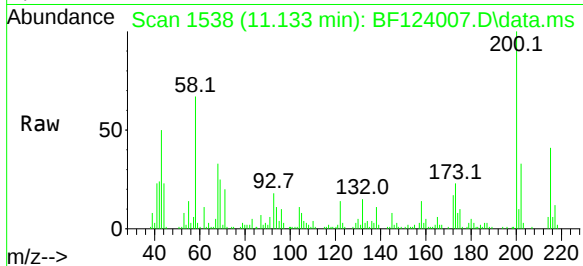




#69  
Atrazine  
Concen: 23.57 ng  
RT: 11.133 min Scan# 1538  
Delta R.T. 0.012 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

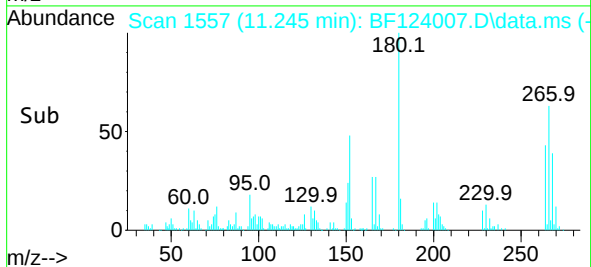
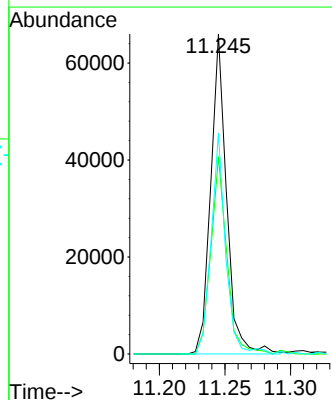
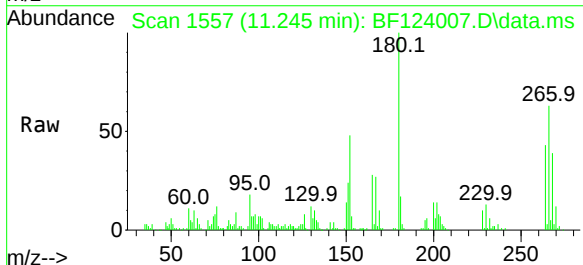
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

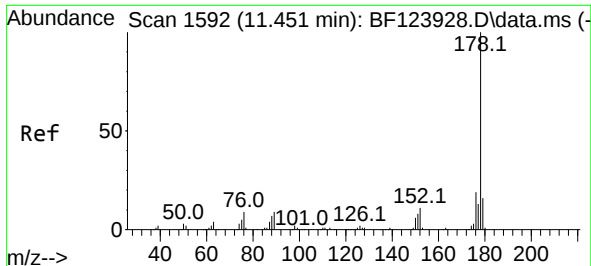
Tgt Ion:200 Resp: 49568  
Ion Ratio Lower Upper  
200 100  
173 23.1 6.9 46.9  
215 41.4 26.5 66.5



#70  
Pentachlorophenol  
Concen: 32.77 ng  
RT: 11.245 min Scan# 1557  
Delta R.T. 0.018 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:266 Resp: 55559  
Ion Ratio Lower Upper  
266 100  
268 61.6 51.6 77.4  
264 69.1 52.6 78.8

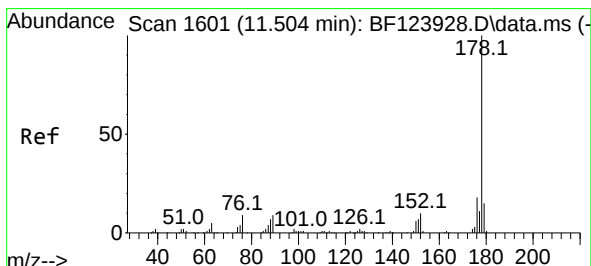
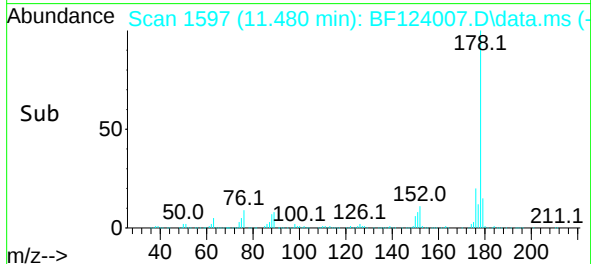
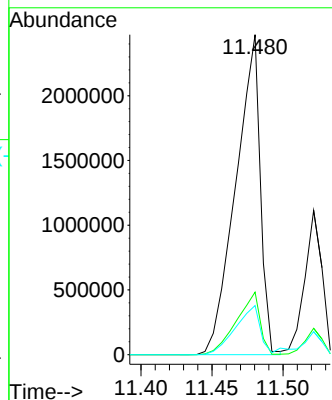
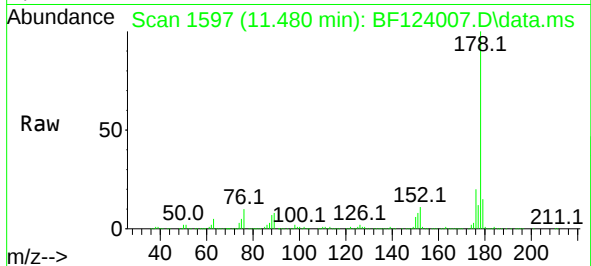




#71  
Phenanthrene  
Concen: 240.16 ng  
RT: 11.480 min Scan# 1597  
Delta R.T. 0.029 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

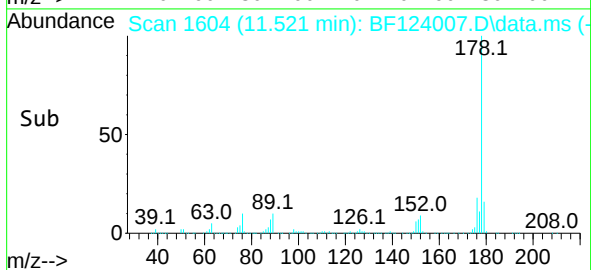
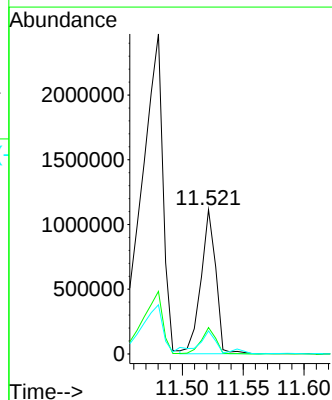
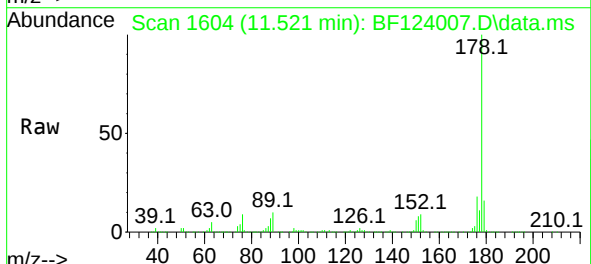
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

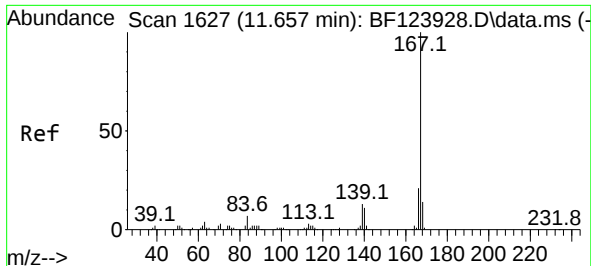
Tgt Ion:178 Resp: 2966661  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.4 12.5 18.7



#72  
Anthracene  
Concen: 75.92 ng  
RT: 11.521 min Scan# 1604  
Delta R.T. 0.018 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:178 Resp: 950386  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.4 23.0  
179 15.9 12.6 18.8

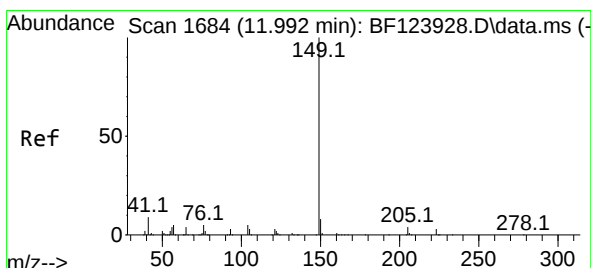
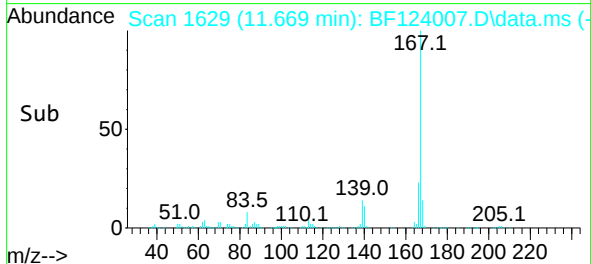
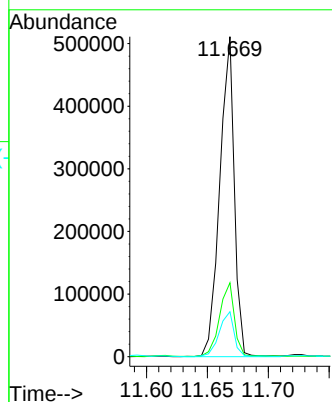
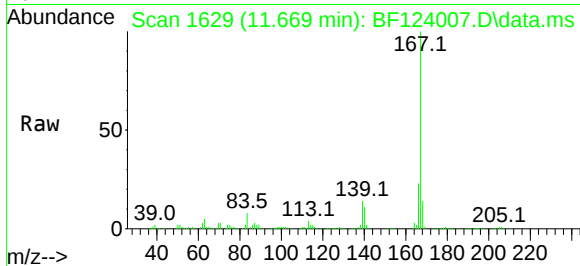




#73  
Carbazole  
Concen: 38.99 ng  
RT: 11.669 min Scan# 1629  
Delta R.T. 0.012 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

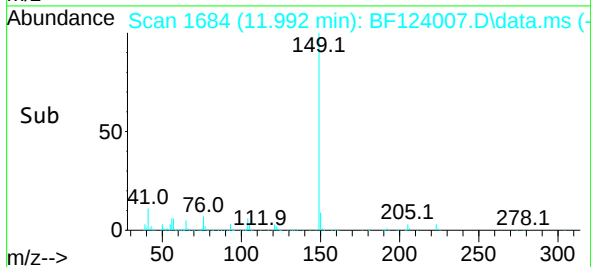
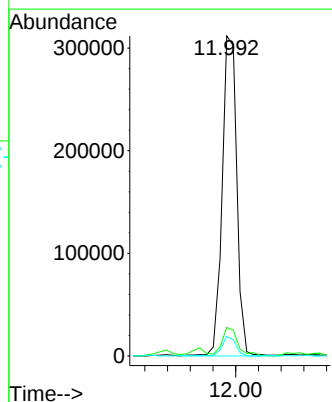
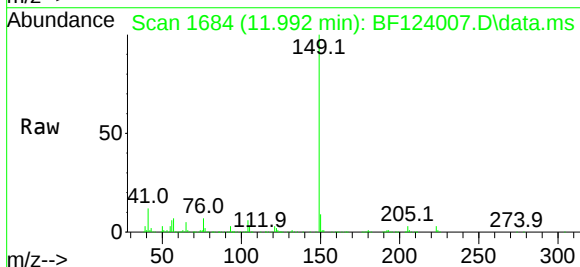
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

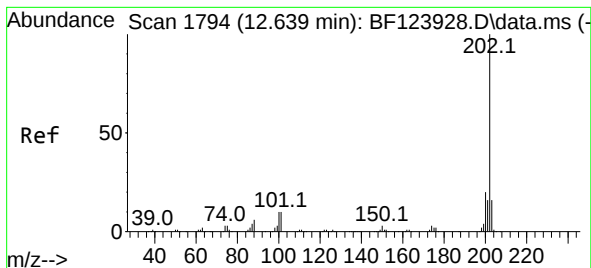
Tgt Ion:167 Resp: 426929  
Ion Ratio Lower Upper  
167 100  
166 23.1 17.0 25.6  
139 14.0 10.4 15.6



#74  
Di-n-butylphthalate  
Concen: 20.45 ng  
RT: 11.992 min Scan# 1684  
Delta R.T. 0.000 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:149 Resp: 280275  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.8 11.8  
104 6.1 4.6 6.8

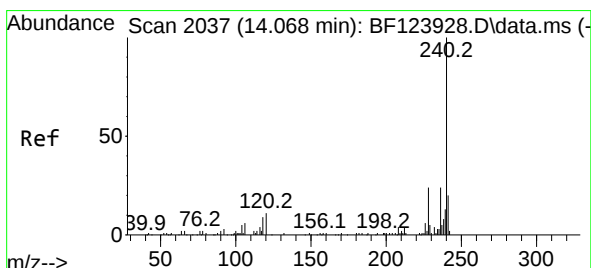
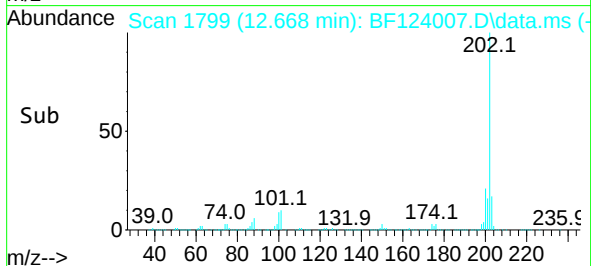
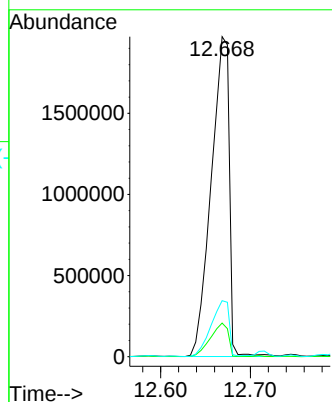
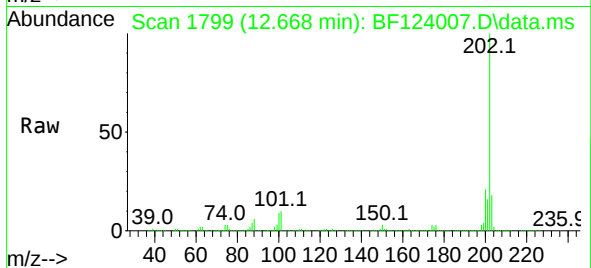




#75  
Fluoranthene  
Concen: 215.70 ng  
RT: 12.668 min Scan# 1799  
Delta R.T. 0.029 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

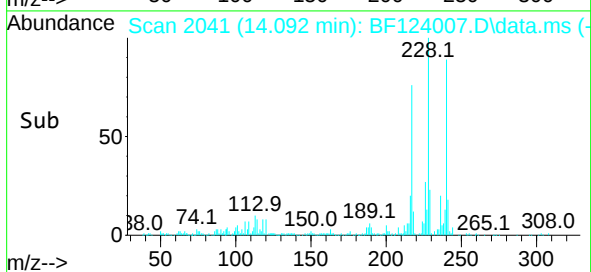
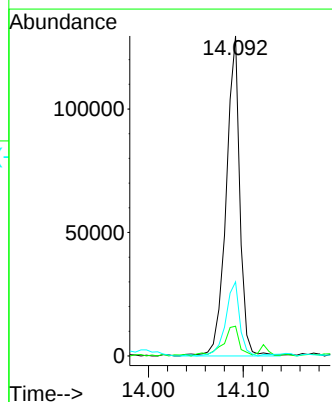
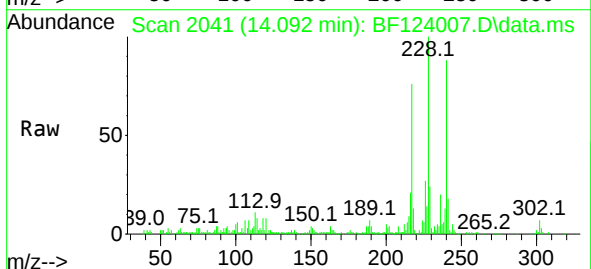
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

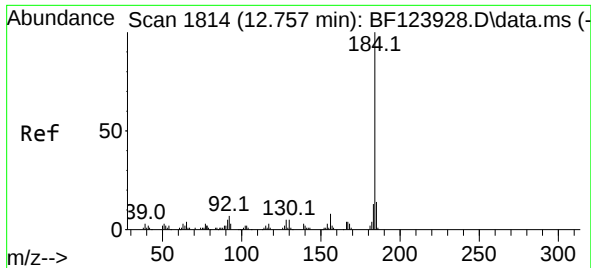
Tgt Ion:202 Resp: 2758977  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 30.9  
203 17.5 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.092 min Scan# 2041  
Delta R.T. 0.024 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:240 Resp: 130383  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.2 10.8  
236 23.1 19.0 28.4

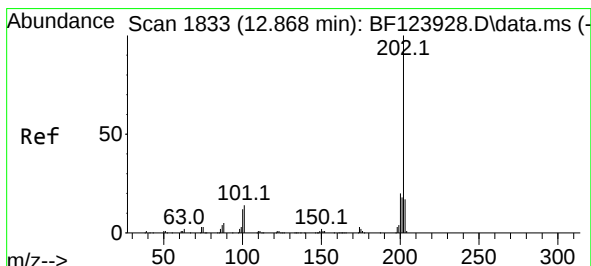
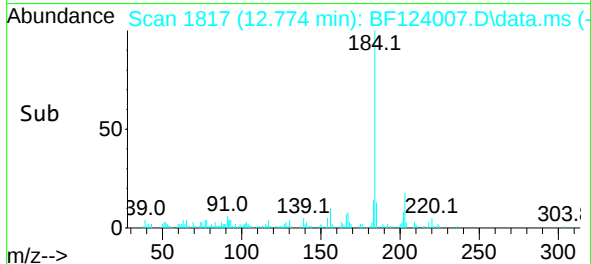
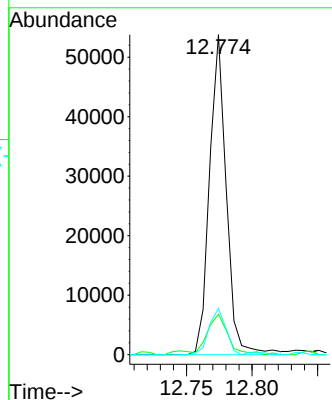
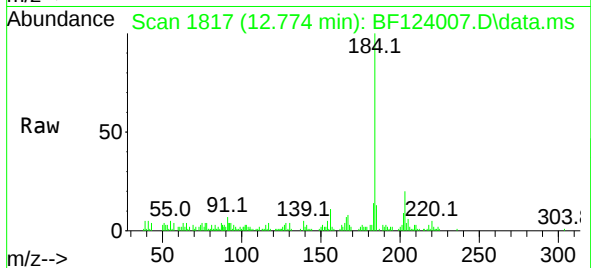




#77  
Benzidine  
Concen: 15.27 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. 0.018 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

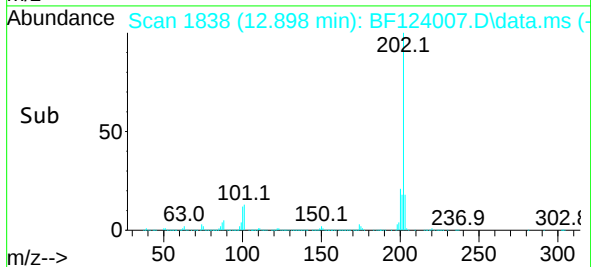
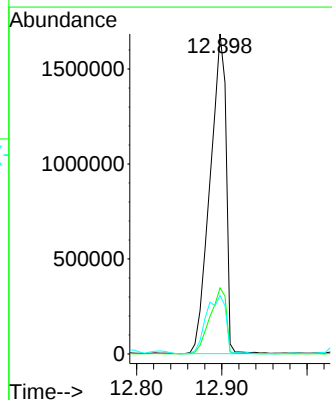
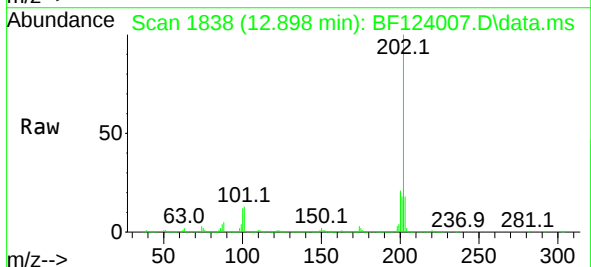
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

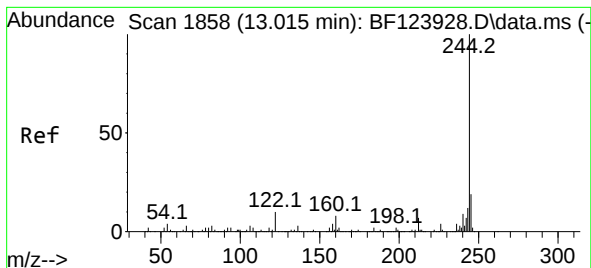
Tgt Ion:184 Resp: 48054  
Ion Ratio Lower Upper  
184 100  
185 12.7 12.1 18.1  
183 14.4 7.8 11.8#



#78  
Pyrene  
Concen: 189.88 ng  
RT: 12.898 min Scan# 1838  
Delta R.T. 0.029 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:202 Resp: 2197960  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.1 24.1  
203 18.3 14.8 22.2





#79

Terphenyl-d14

Concen: 24.86 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.006 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

Tgt Ion:244 Resp: 213971

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

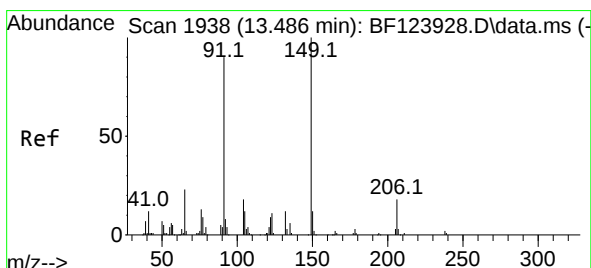
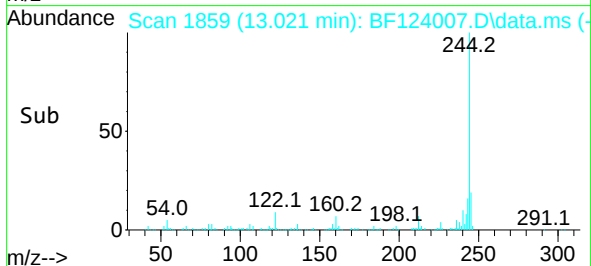
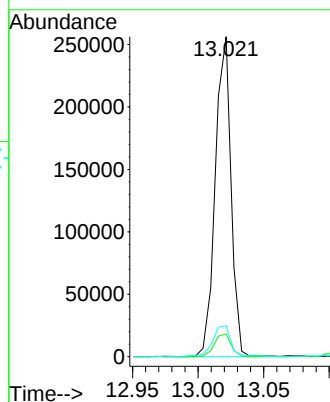
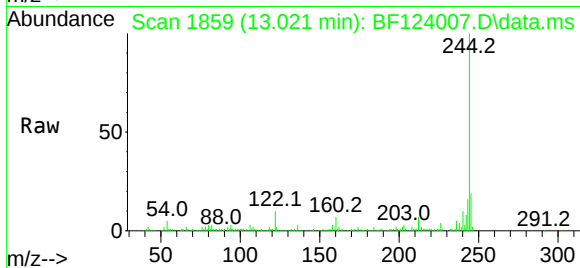
122 9.7 9.7 14.5#

Instrument :

BNA\_F

ClientSampleId :

TP-4MS



#80

Butylbenzylphthalate

Concen: 21.40 ng

RT: 13.498 min Scan# 1940

Delta R.T. 0.012 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

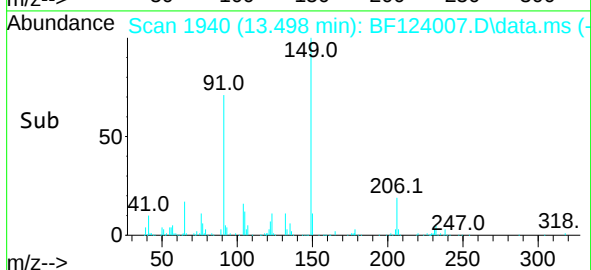
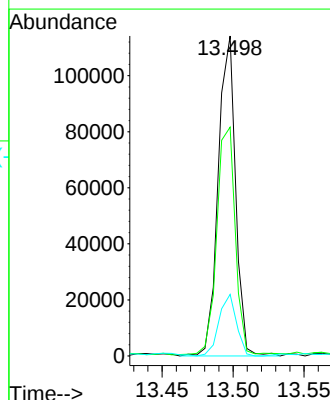
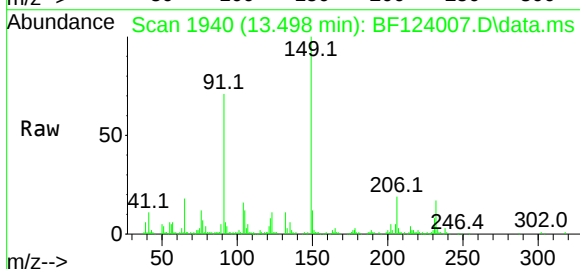
Tgt Ion:149 Resp: 97153

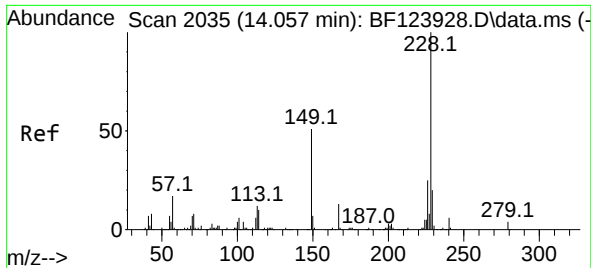
Ion Ratio Lower Upper

149 100

91 71.5 63.6 95.4

206 19.3 14.5 21.7

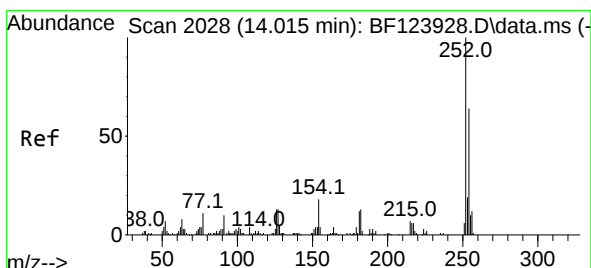
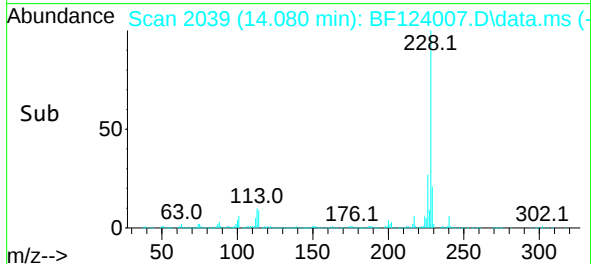
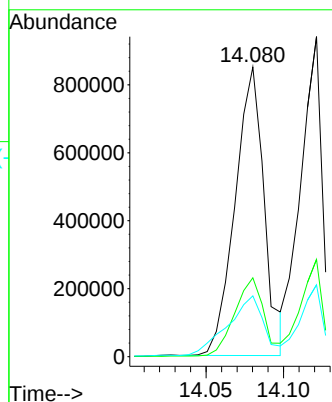
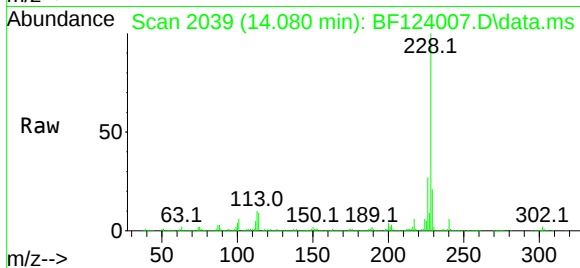




#81  
Benzo(a)anthracene  
Concen: 117.48 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. 0.024 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

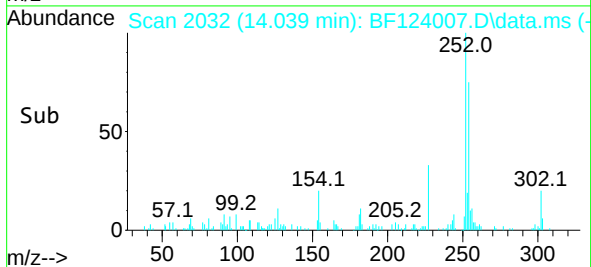
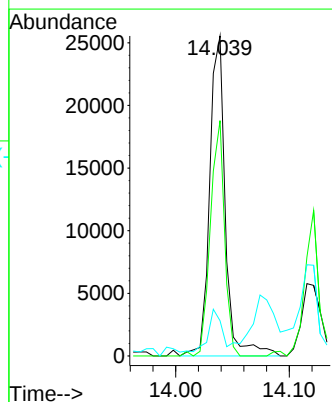
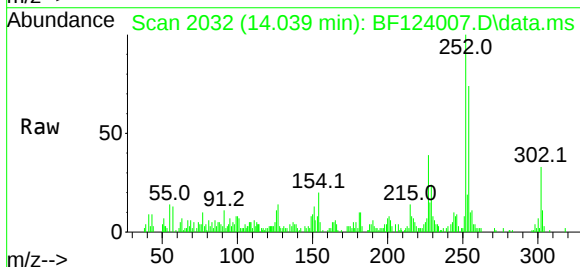
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

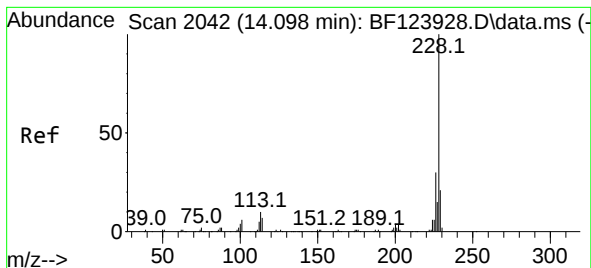
Tgt Ion:228 Resp: 1107764  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.4 33.6  
229 21.0 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 8.33 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.024 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:252 Resp: 24407  
Ion Ratio Lower Upper  
252 100  
254 73.5 51.1 76.7  
126 11.0 7.7 11.5





#83

Chrysene

Concen: 100.81 ng

RT: 14.121 min Scan# 2046

Delta R.T. 0.024 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

Tgt Ion:228 Resp: 914280

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

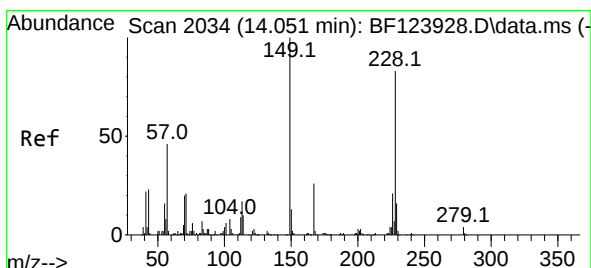
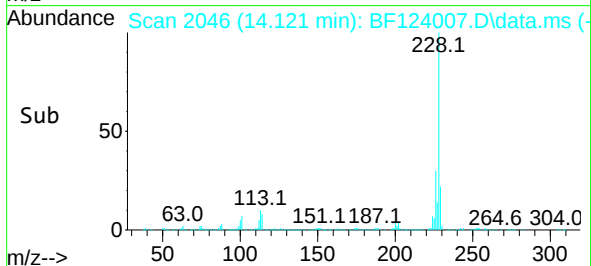
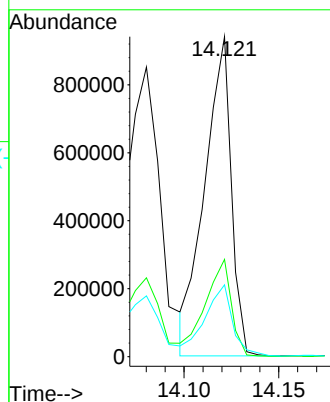
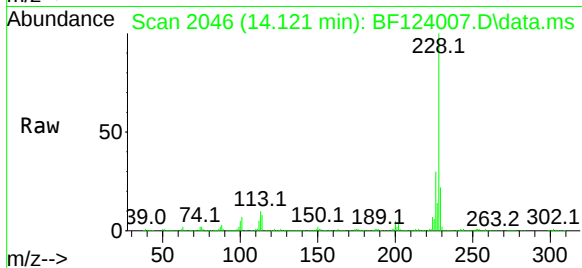
229 22.5 16.2 24.2

Instrument :

BNA\_F

ClientSampleId :

TP-4MS



#84

Bis(2-ethylhexyl)phthalate

Concen: 23.02 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

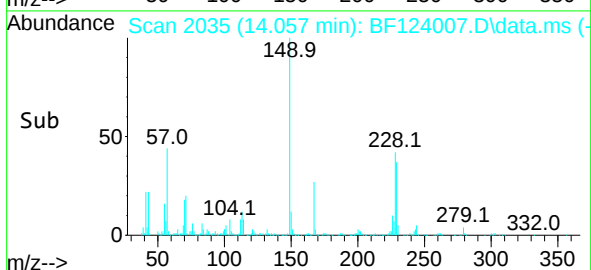
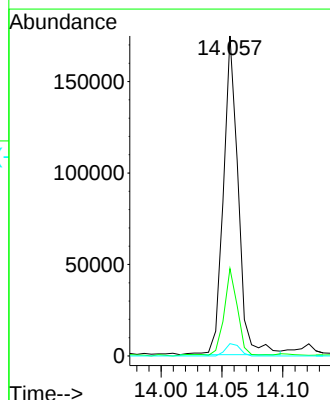
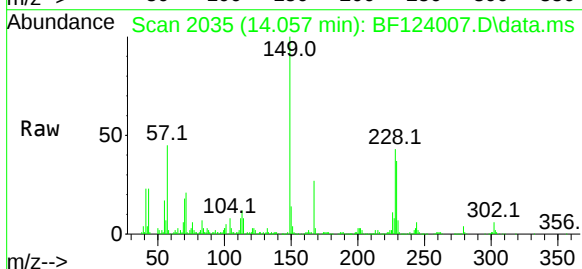
Tgt Ion:149 Resp: 147452

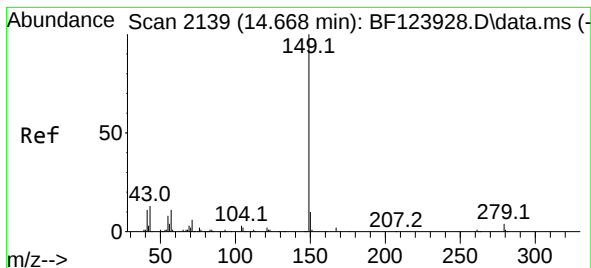
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 3.9 3.3 4.9

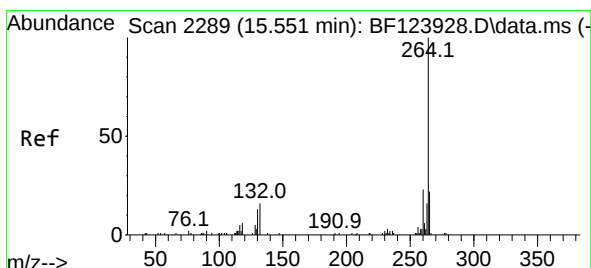
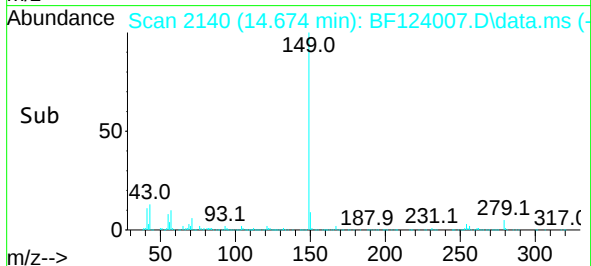
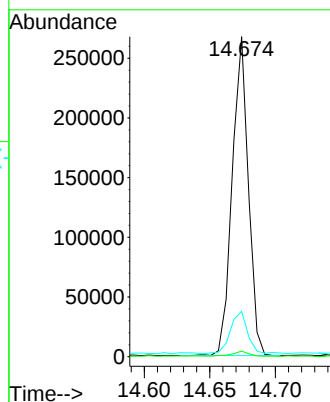
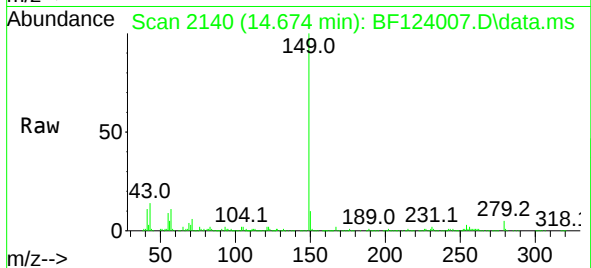




#85  
Di-n-octyl phthalate  
Concen: 23.66 ng  
RT: 14.674 min Scan# 2140  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

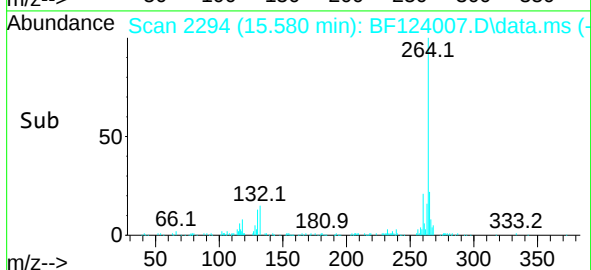
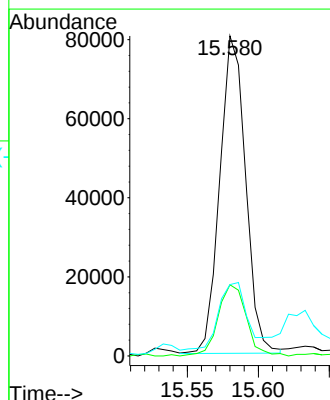
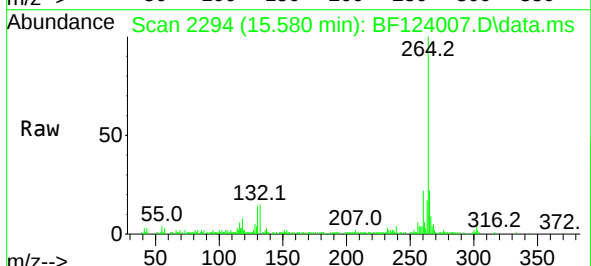
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

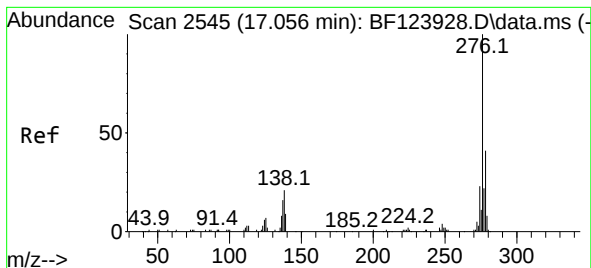
Tgt Ion:149 Resp: 229051  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 14.4 11.8 17.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.580 min Scan# 2294  
Delta R.T. 0.029 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:264 Resp: 101239  
Ion Ratio Lower Upper  
264 100  
260 22.2 18.7 28.1  
265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.31 ng

RT: 17.103 min Scan# 2553

Delta R.T. 0.047 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

Tgt Ion:276 Resp: 346465

Ion Ratio Lower Upper

276 100

138 21.5 16.2 24.2

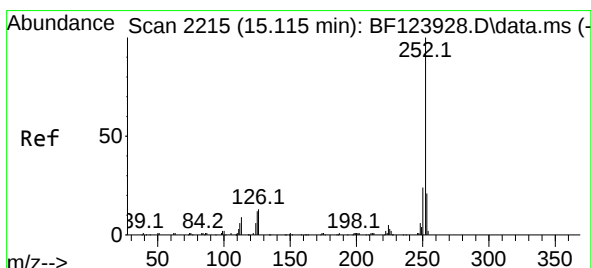
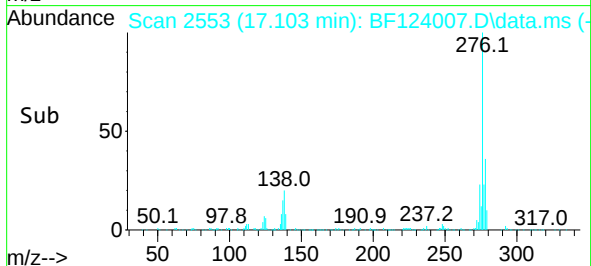
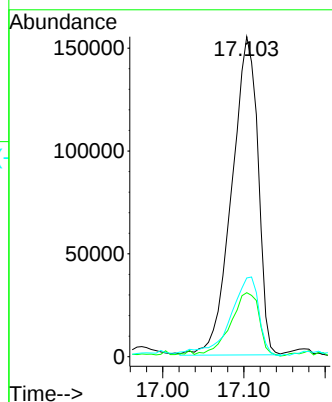
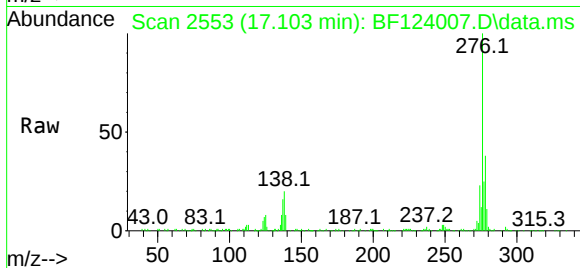
277 27.3 20.1 30.1

Instrument :

BNA\_F

ClientSampled :

TP-4MS



#88

Benzo(b)fluoranthene

Concen: 123.30 ng

RT: 15.157 min Scan# 2222

Delta R.T. 0.041 min

Lab File: BF124007.D

Acq: 20 May 2021 14:03

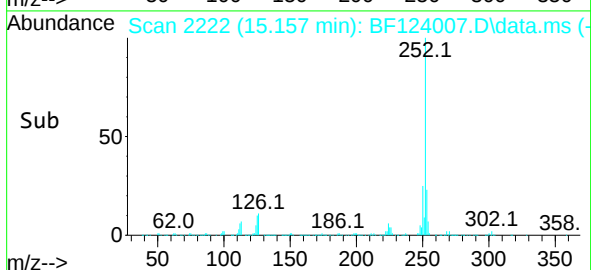
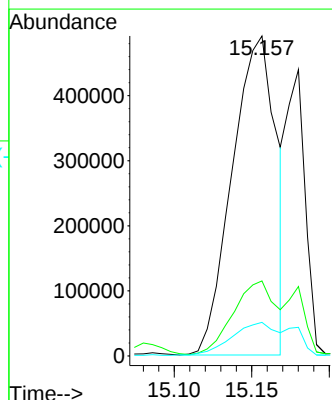
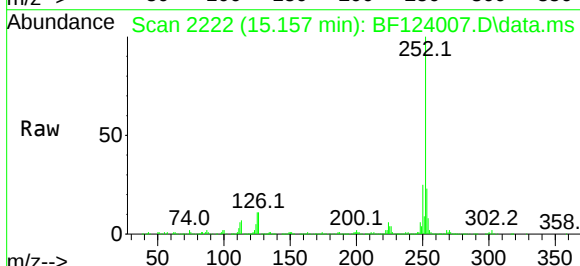
Tgt Ion:252 Resp: 965646

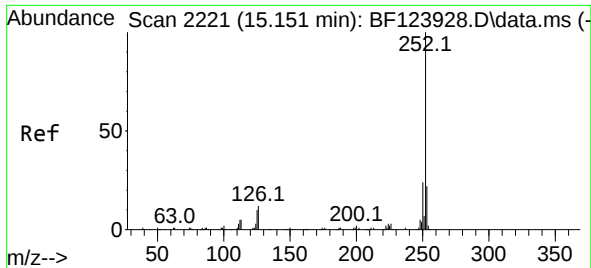
Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

125 10.5 6.2 9.4#

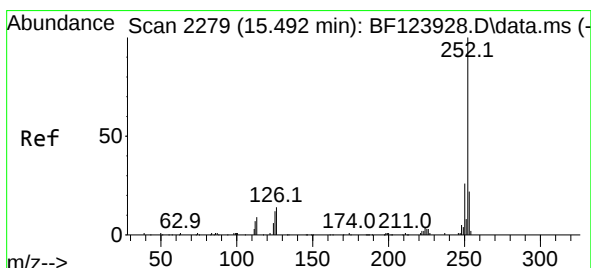
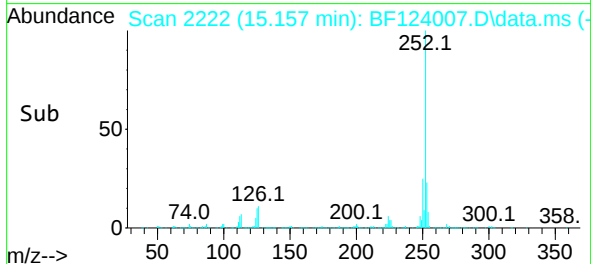
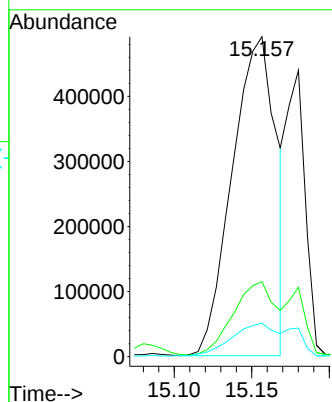
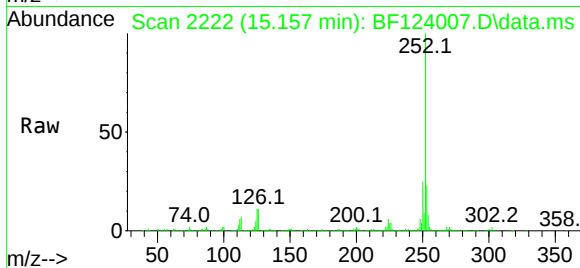




#89  
Benzo(k)fluoranthene  
Concen: 135.30 ng  
RT: 15.157 min Scan# 2222  
Delta R.T. 0.006 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

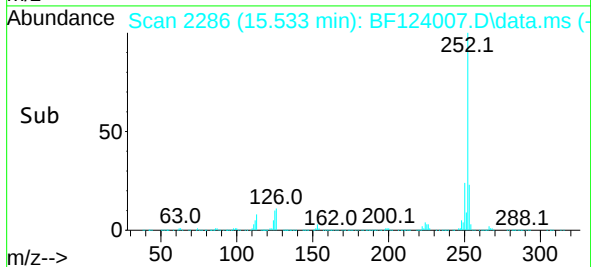
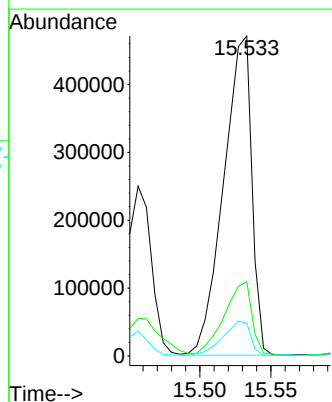
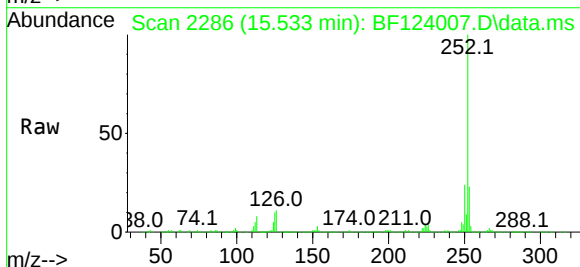
Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

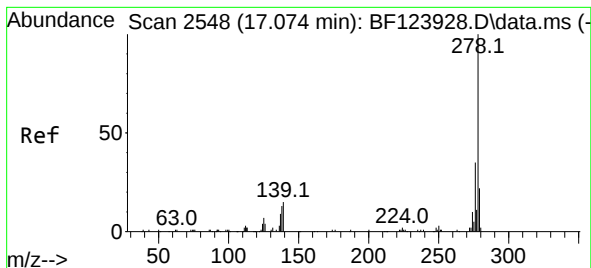
Tgt Ion:252 Resp: 965646  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.9 26.9  
125 10.5 7.0 10.6



#90  
Benzo(a)pyrene  
Concen: 95.92 ng  
RT: 15.533 min Scan# 2286  
Delta R.T. 0.041 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:252 Resp: 649372  
Ion Ratio Lower Upper  
252 100  
253 23.2 18.4 27.6  
125 10.2 8.0 12.0

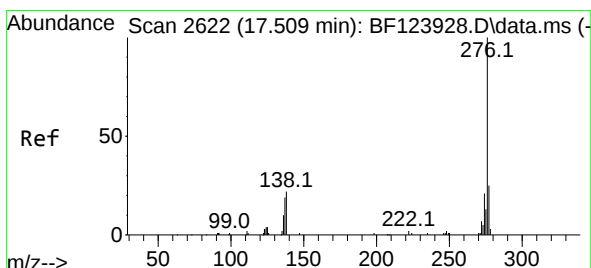
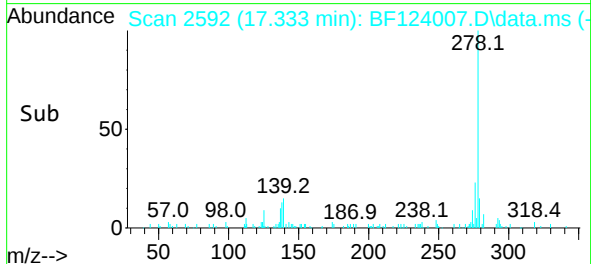
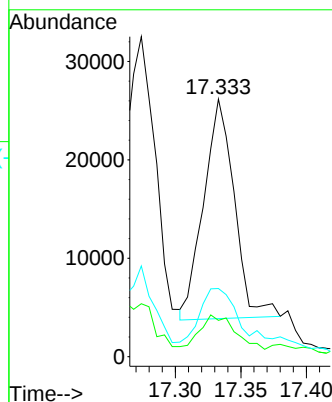
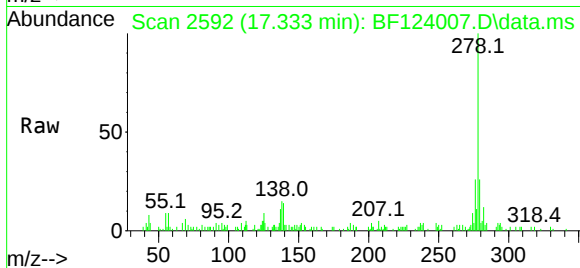




#91  
Dibenzo(a,h)anthracene  
Concen: 5.50 ng  
RT: 17.333 min Scan# 2592  
Delta R.T. 0.259 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Instrument :  
BNA\_F  
ClientSampled :  
TP-4MS

Tgt Ion:278 Resp: 36210  
Ion Ratio Lower Upper  
278 100  
139 14.1 10.2 15.2  
279 26.5 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 44.42 ng  
RT: 17.568 min Scan# 2632  
Delta R.T. 0.059 min  
Lab File: BF124007.D  
Acq: 20 May 2021 14:03

Tgt Ion:276 Resp: 293346  
Ion Ratio Lower Upper  
276 100  
277 24.9 18.2 27.2  
138 19.3 13.8 20.6

