

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041921\  
 Data File : BF123618.D  
 Acq On : 19 Apr 2021 12:38  
 Operator : JU/CG  
 Sample : PB135807BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB135807BS

Quant Time: Apr 19 13:06:40 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 16 10:31:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 288581   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 1126539  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 561529   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 1052436  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 711084   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 529162   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 2156940  | 120.80 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 2831340  | 114.44 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 2053398  | 83.79  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 841347   | 132.31 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 3049950  | 80.97  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 3227931  | 88.23  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.716  | 88   | 337340   | 36.16  | ng    | 97       |
| 3) Pyridine                   | 3.463  | 79   | 956254   | 41.92  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.416  | 42   | 632975   | 46.83  | ng    | 99       |
| 6) Aniline                    | 6.528  | 93   | 1042560  | 35.80  | ng    | # 80     |
| 8) 2-Chlorophenol             | 6.657  | 128  | 888547   | 46.33  | ng    | 99       |
| 9) Benzaldehyde               | 6.410  | 77   | 503333   | 31.16  | ng    | 97       |
| 10) Phenol                    | 6.522  | 94   | 1146605  | 43.64  | ng    | # 77     |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 911661   | 46.66  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 880052   | 44.64  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 900362   | 45.00  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 858614   | 45.67  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 867061   | 44.42  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140  | 45   | 1979917  | 44.89  | ng    | 95       |
| 17) 2-Methylphenol            | 7.128  | 107  | 806374   | 48.93  | ng    | 96       |
| 18) Hexachloroethane          | 7.381  | 117  | 369082   | 46.27  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 703660   | 42.93  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 935011   | 44.47  | ng    | # 89     |
| 22) Acetophenone              | 7.275  | 105  | 1330501  | 42.58  | ng    | # 91     |
| 24) Nitrobenzene              | 7.451  | 77   | 1093755  | 42.39  | ng    | 97       |
| 25) Isophorone                | 7.692  | 82   | 1995634  | 41.98  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 461833   | 52.38  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 809271   | 49.74  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 1124629  | 47.14  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 694733   | 43.85  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 730942   | 42.94  | ng    | 98       |
| 31) Naphthalene               | 8.175  | 128  | 2449326  | 42.21  | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 555848   | 51.03  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.216  | 127  | 491589   | 20.63  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 455739   | 42.66  | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 126080   | 22.80  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 915190   | 44.54  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 1615005  | 42.44  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 1498398  | 41.62  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.033  | 216  | 693164   | 44.73  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 904799   | 112.35 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 495377   | 47.11  | ng    | 95       |

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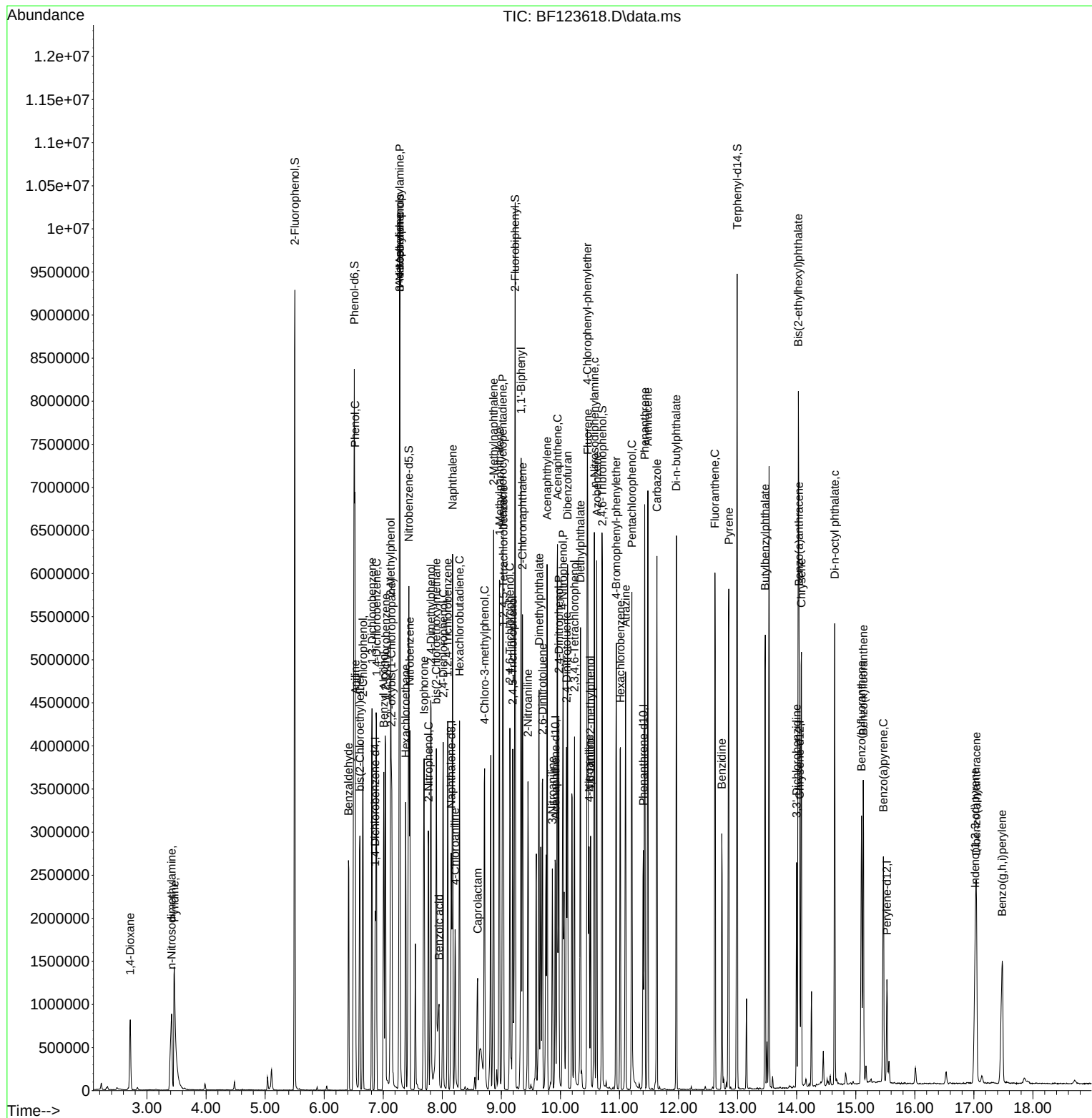
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 536659   | 46.68  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 1942254  | 44.19  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 1444165  | 43.67  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 672151   | 48.78  | ng    | 92       |
| 49) Acenaphthylene            | 9.775  | 152  | 2516372  | 46.51  | ng    | 98       |
| 50) Dimethylphthalate         | 9.639  | 163  | 1706390  | 43.98  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 391062   | 45.92  | ng    | 90       |
| 52) Acenaphthene              | 9.951  | 154  | 1501288  | 43.25  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 313717   | 31.76  | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 467012   | 124.85 | ng    | 95       |
| 55) Dibenzofuran              | 10.122 | 168  | 2132476  | 42.83  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 703331   | 92.92  | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 535711   | 47.10  | ng    | 96       |
| 58) Fluorene                  | 10.463 | 166  | 1662376  | 42.48  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 441236   | 48.20  | ng    | 98       |
| 60) Diethylphthalate          | 10.339 | 149  | 1842186  | 43.38  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 766205   | 42.41  | ng    | 94       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 449207   | 45.03  | ng    | 94       |
| 63) Azobenzene                | 10.616 | 77   | 2011108  | 41.80  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 276298   | 50.32  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 1498278  | 44.47  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 489700   | 44.51  | ng    | 97       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 559748   | 45.14  | ng    | 94       |
| 69) Atrazine                  | 11.104 | 200  | 499088   | 47.53  | ng    | 99       |
| 70) Pentachlorophenol         | 11.210 | 266  | 631603   | 97.49  | ng    | 99       |
| 71) Phenanthrene              | 11.427 | 178  | 2372106  | 43.19  | ng    | 99       |
| 72) Anthracene                | 11.480 | 178  | 2397157  | 43.67  | ng    | 99       |
| 73) Carbazole                 | 11.633 | 167  | 2325362  | 42.44  | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 2776512  | 41.87  | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 2537413  | 42.03  | ng    | 100      |
| 77) Benzidine                 | 12.733 | 184  | 1083103  | 56.03  | ng    | 99       |
| 78) Pyrene                    | 12.851 | 202  | 2561087  | 49.35  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.469 | 149  | 1157997  | 47.49  | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 1946982  | 44.68  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.998 | 252  | 453739   | 32.60  | ng    | # 99     |
| 83) Chrysene                  | 14.080 | 228  | 1904797  | 43.53  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 1431453  | 44.14  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 2290431  | 43.89  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.021 | 276  | 1564631  | 55.42  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 1608371  | 43.05  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 1561362  | 46.72  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 1363559  | 45.88  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.045 | 278  | 1287666  | 53.92  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.480 | 276  | 1332783  | 54.81  | ng    | 97       |

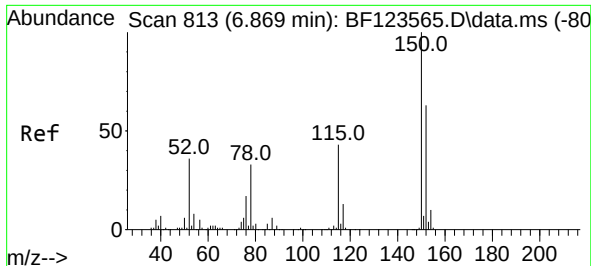
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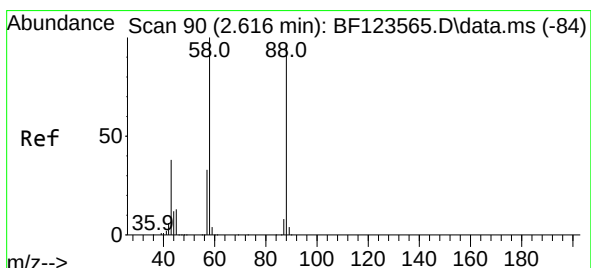
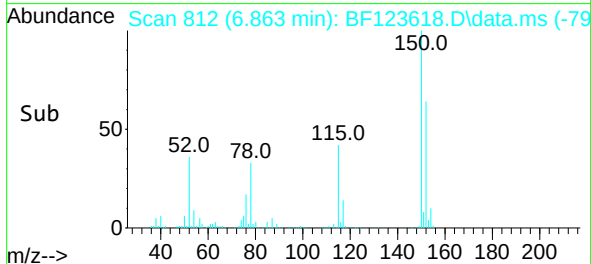
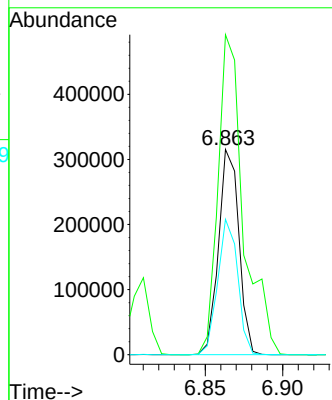
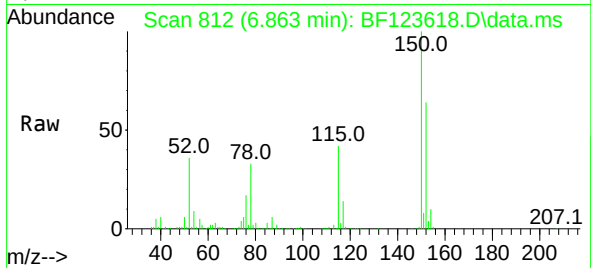




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

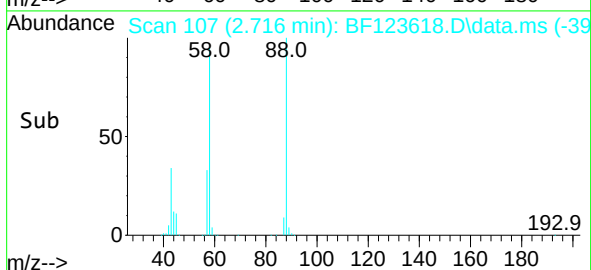
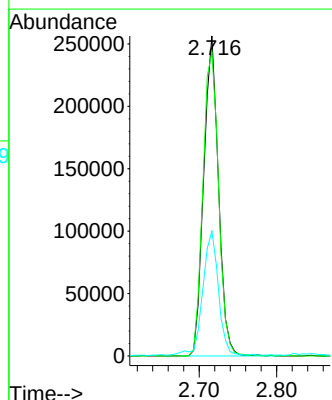
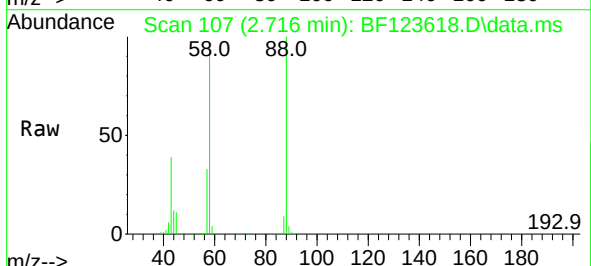
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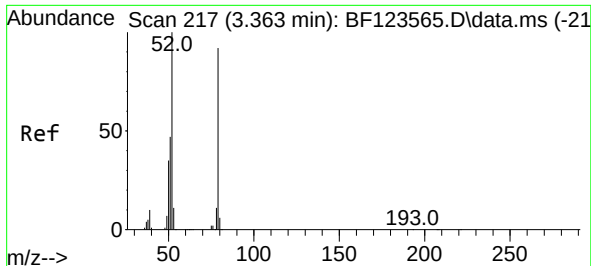
Tgt Ion:152 Resp: 288581  
Ion Ratio Lower Upper  
152 100  
150 155.9 127.0 190.6  
115 65.9 54.3 81.5



#2  
1,4-Dioxane  
Concen: 36.16 ng  
RT: 2.716 min Scan# 107  
Delta R.T. 0.100 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion: 88 Resp: 337340  
Ion Ratio Lower Upper  
88 100  
58 101.1 83.8 125.8  
43 41.3 32.2 48.4

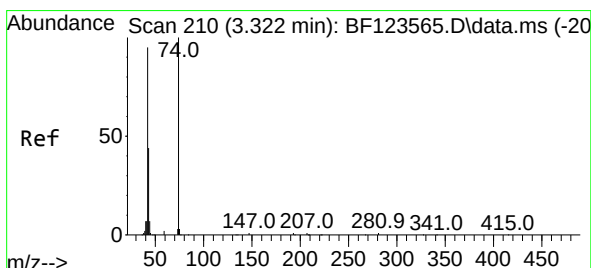
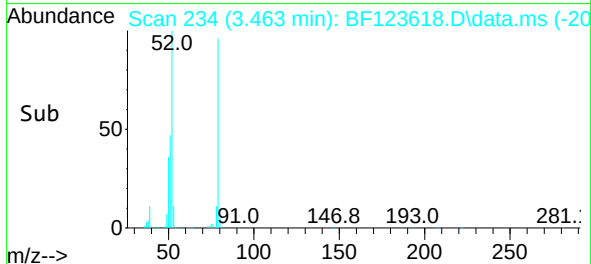
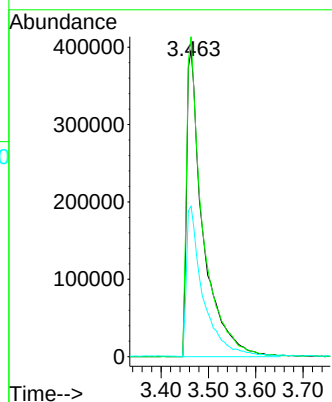
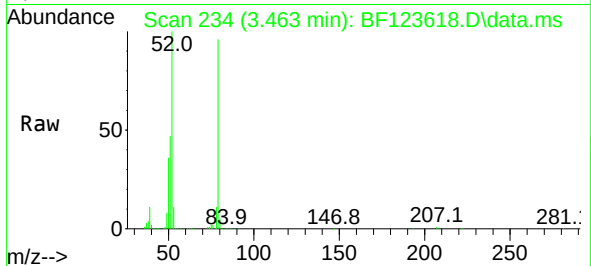




#3  
Pyridine  
Concen: 41.92 ng  
RT: 3.463 min Scan# 234  
Delta R.T. 0.088 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

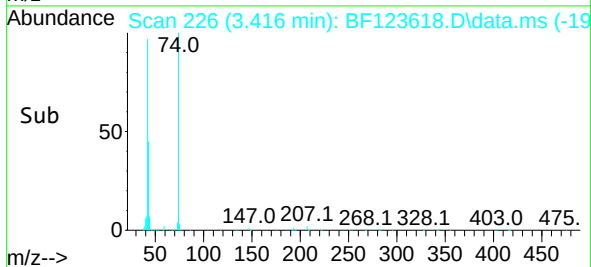
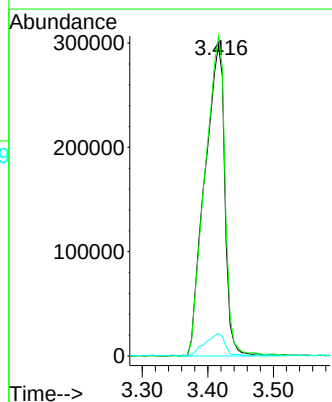
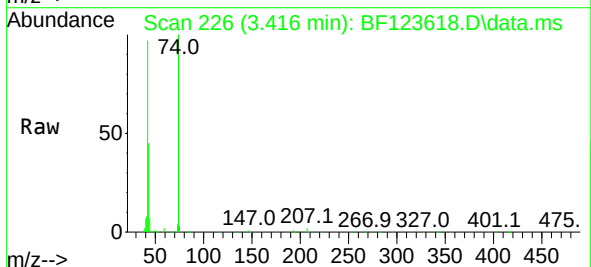
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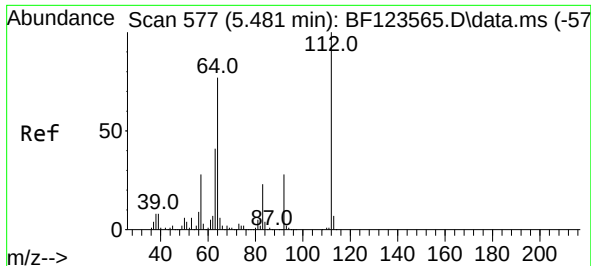
Tgt Ion: 79 Resp: 956254  
Ion Ratio Lower Upper  
79 100  
52 104.5 87.4 131.0  
51 49.1 41.4 62.0



#4  
n-Nitrosodimethylamine  
Concen: 46.83 ng  
RT: 3.416 min Scan# 226  
Delta R.T. 0.094 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion: 42 Resp: 632975  
Ion Ratio Lower Upper  
42 100  
74 103.1 83.5 125.3  
44 7.2 5.7 8.5

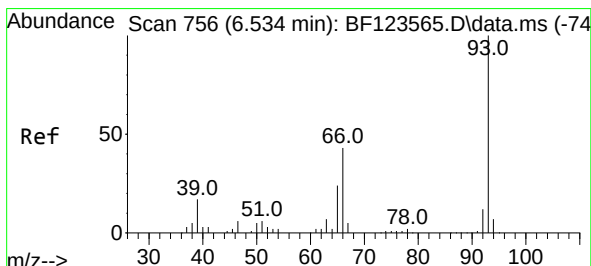
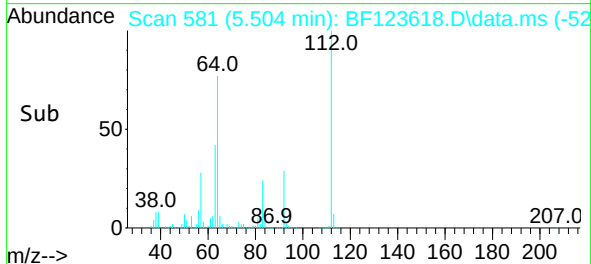
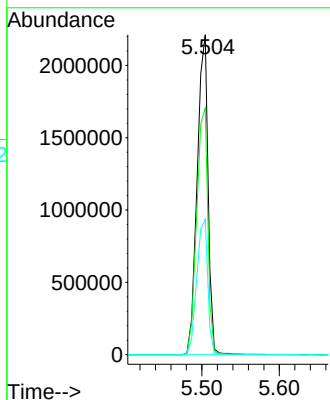
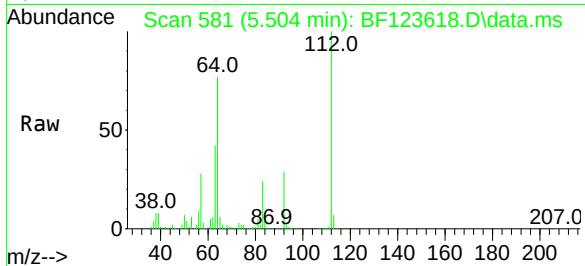




#5  
2-Fluorophenol  
Concen: 120.80 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.024 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

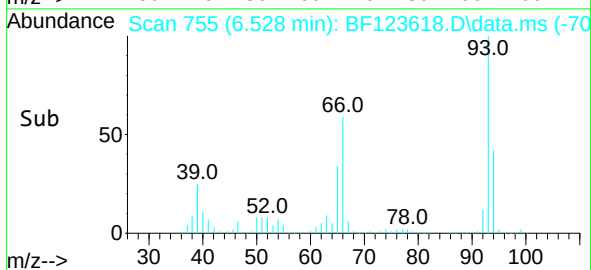
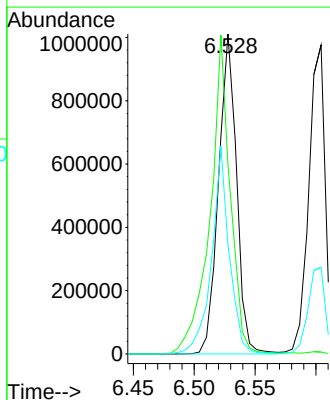
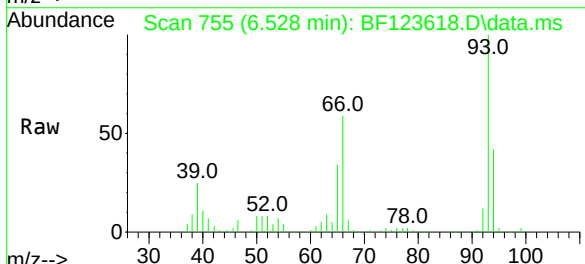
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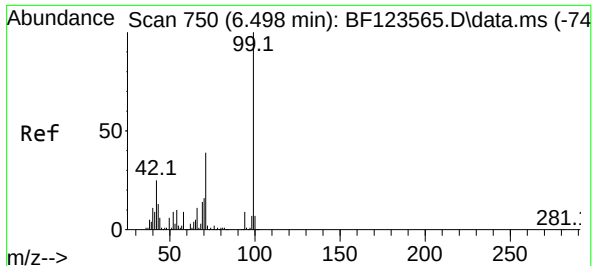
Tgt Ion:112 Resp: 2156940  
Ion Ratio Lower Upper  
112 100  
64 77.1 61.4 92.0  
63 42.3 33.0 49.4



#6  
Aniline  
Concen: 35.80 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion: 93 Resp: 1042560  
Ion Ratio Lower Upper  
93 100  
66 59.2 36.4 54.6#  
65 34.0 19.4 29.0#

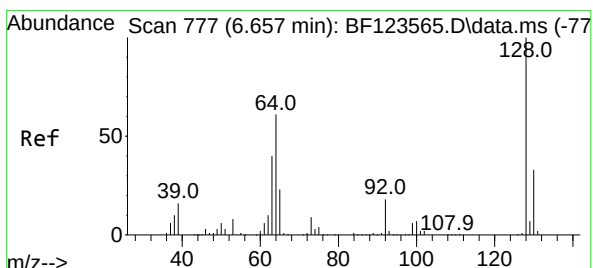
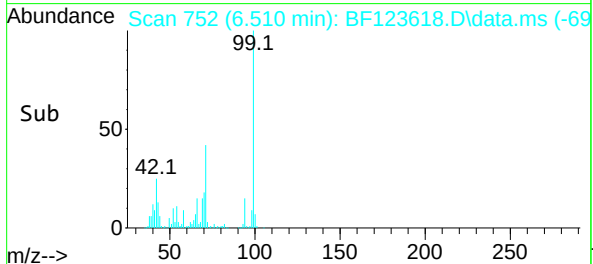
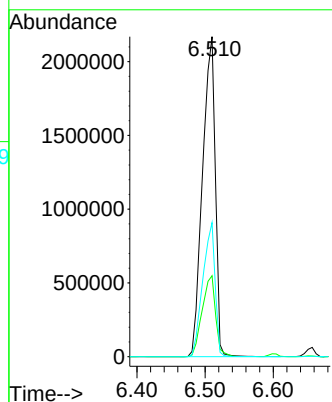
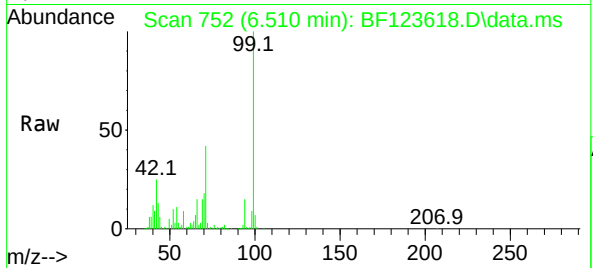




#7  
Phenol-d6  
Concen: 114.44 ng  
RT: 6.510 min Scan# 752  
Delta R.T. 0.012 min  
Lab File: BF123618.D  
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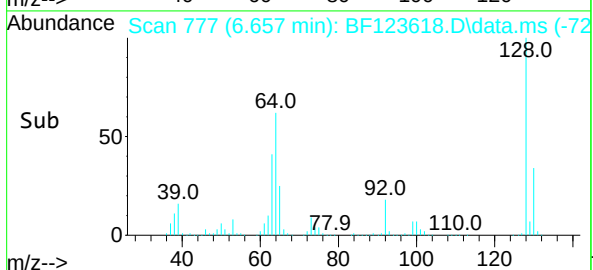
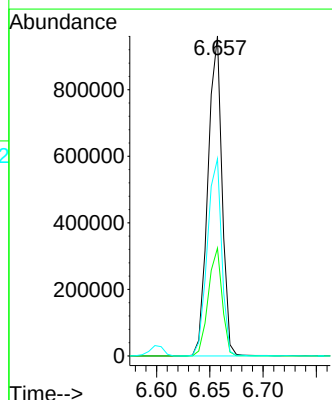
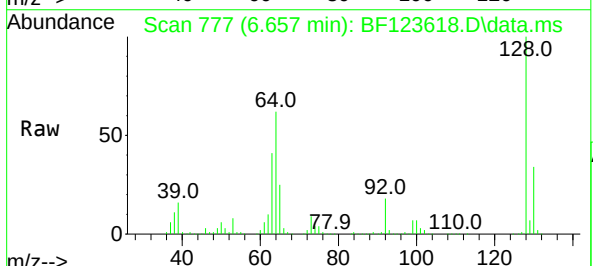
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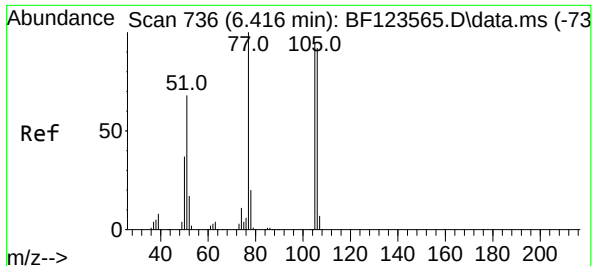
Tgt Ion: 99 Resp: 2831340  
Ion Ratio Lower Upper  
99 100  
42 25.3 19.8 29.8  
71 41.9 31.1 46.7



#8  
2-Chlorophenol  
Concen: 46.33 ng  
RT: 6.657 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:128 Resp: 888547  
Ion Ratio Lower Upper  
128 100  
130 33.7 12.6 52.6  
64 61.6 41.5 81.5

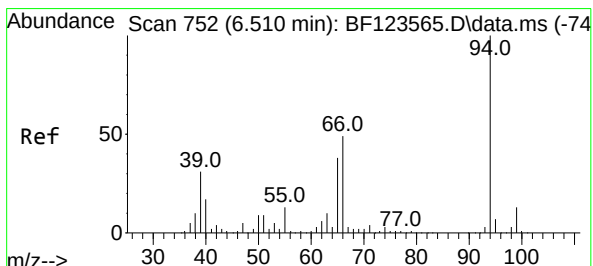
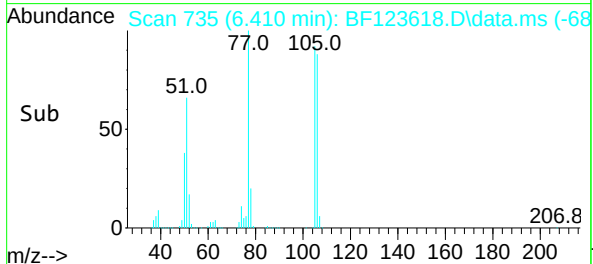
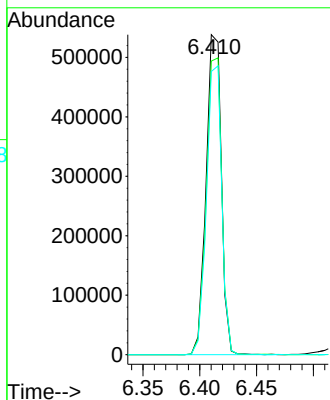
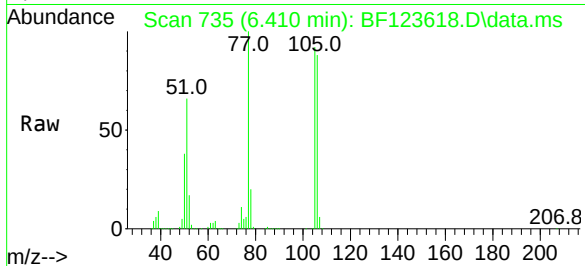




#9  
Benzaldehyde  
Concen: 31.16 ng  
RT: 6.410 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

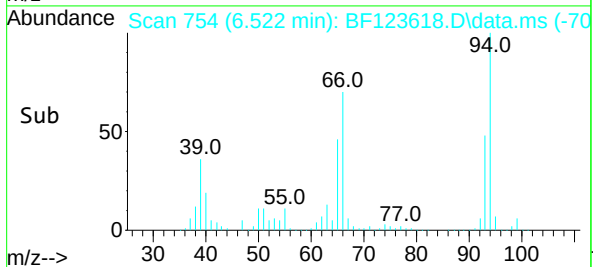
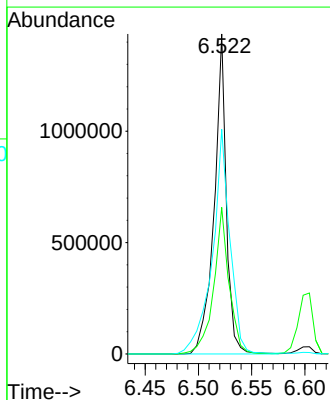
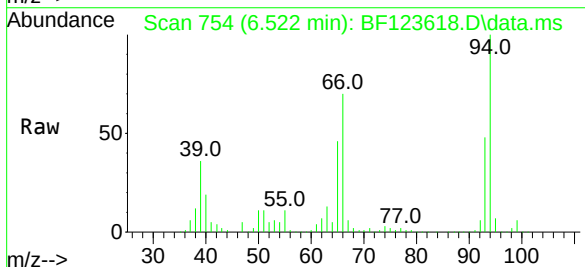
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

Tgt Ion: 77 Resp: 503333  
Ion Ratio Lower Upper  
77 100  
105 91.7 75.2 115.2  
106 88.5 71.6 111.6

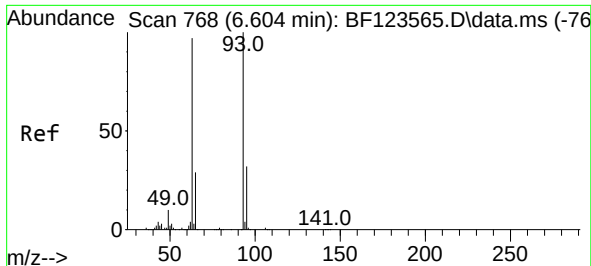


#10  
Phenol  
Concen: 43.64 ng  
RT: 6.522 min Scan# 754  
Delta R.T. 0.012 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion: 94 Resp: 1146605  
Ion Ratio Lower Upper  
94 100  
65 45.8 18.1 58.1  
66 70.2 29.0 69.0#



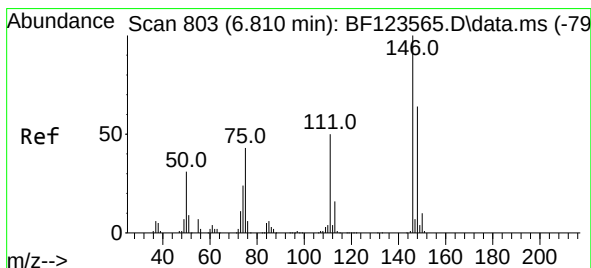
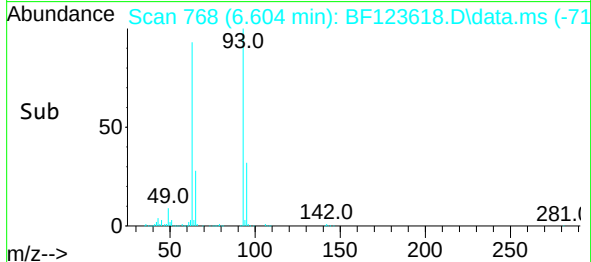
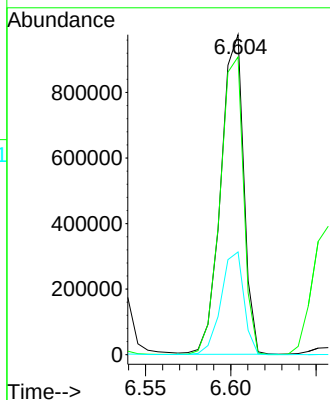
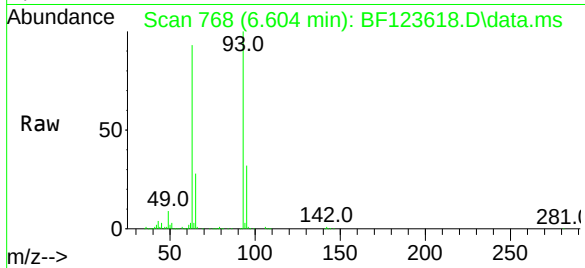




#11  
bis(2-Chloroethyl)ether  
Concen: 46.66 ng  
RT: 6.604 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

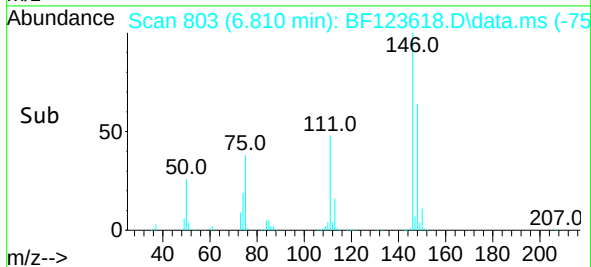
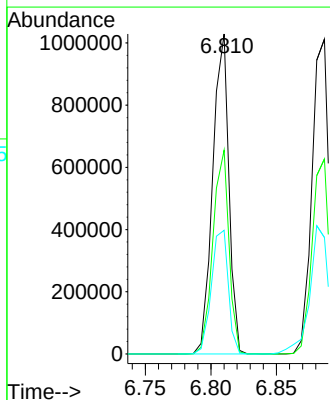
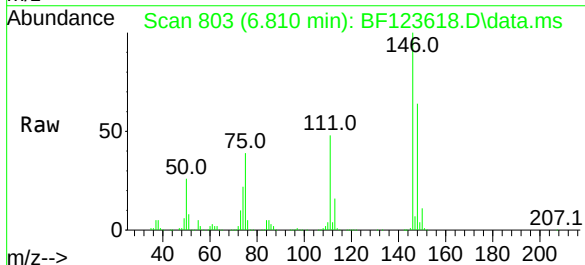
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

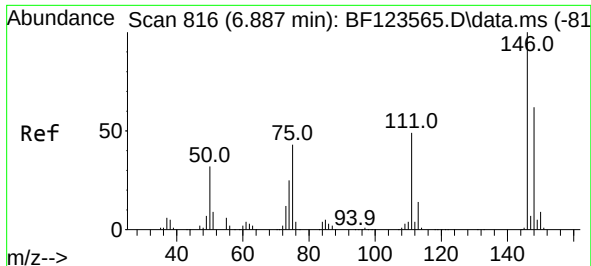
Tgt Ion: 93 Resp: 911661  
Ion Ratio Lower Upper  
93 100  
63 93.1 76.1 116.1  
95 32.1 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 44.64 ng  
RT: 6.810 min Scan# 803  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:146 Resp: 880052  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.9 76.3  
75 38.6 34.2 51.4

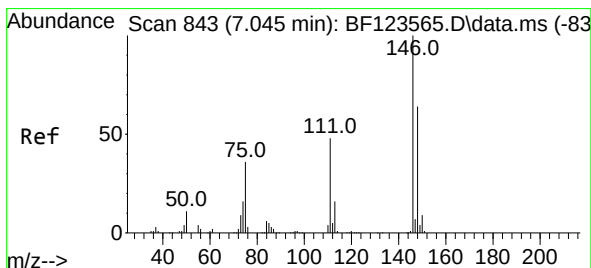
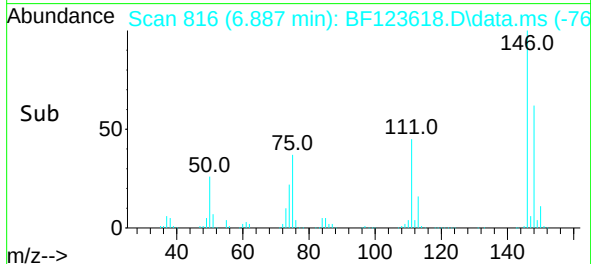
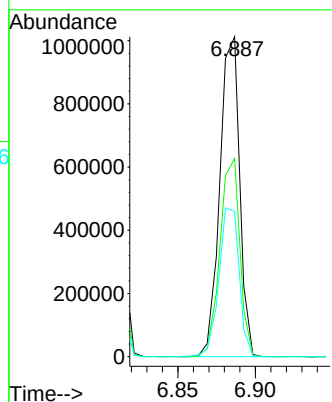
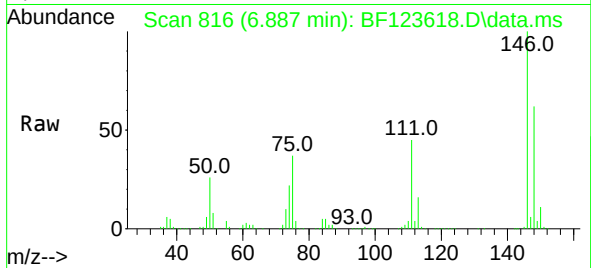




#13  
1,4-Dichlorobenzene  
Concen: 45.00 ng  
RT: 6.887 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

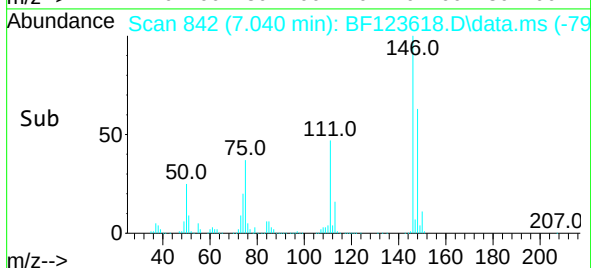
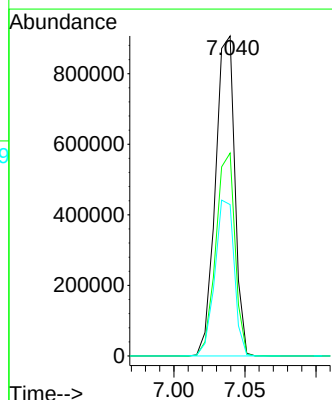
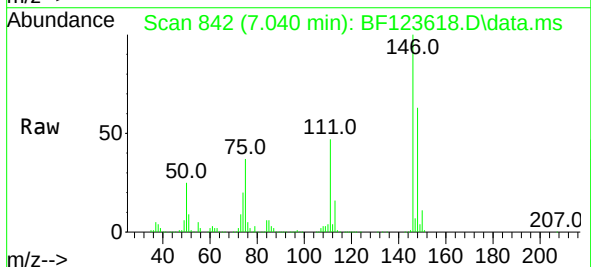
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

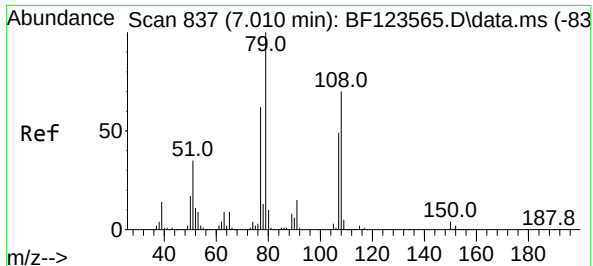
Tgt Ion:146 Resp: 900362  
Ion Ratio Lower Upper  
146 100  
148 61.9 49.9 74.9  
111 45.4 39.5 59.3



#14  
1,2-Dichlorobenzene  
Concen: 45.67 ng  
RT: 7.040 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:146 Resp: 858614  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.6 77.4  
111 47.3 38.4 57.6

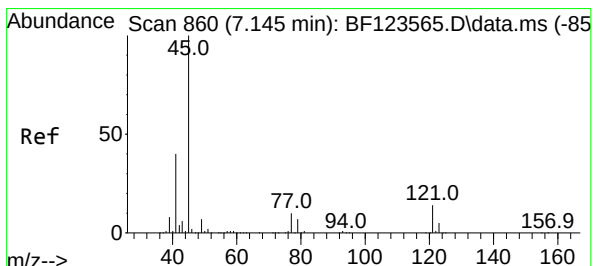
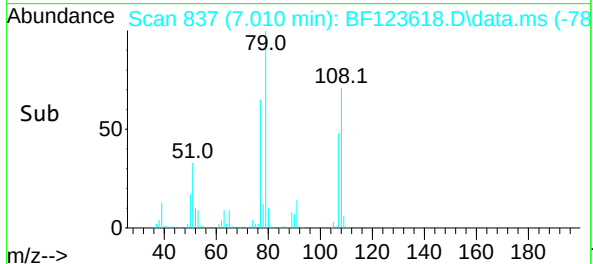
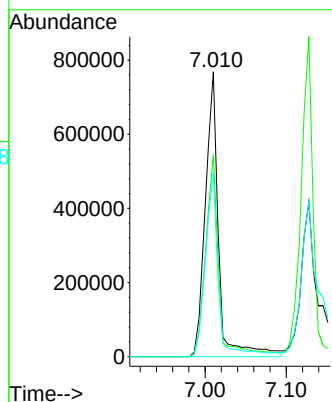
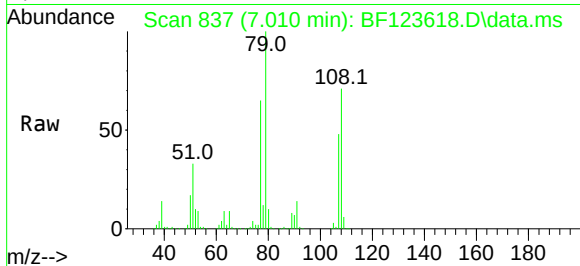




#15  
Benzyl Alcohol  
Concen: 44.42 ng  
RT: 7.010 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

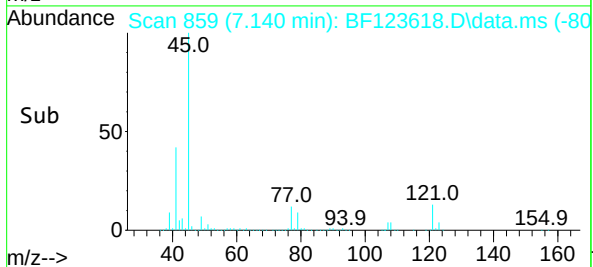
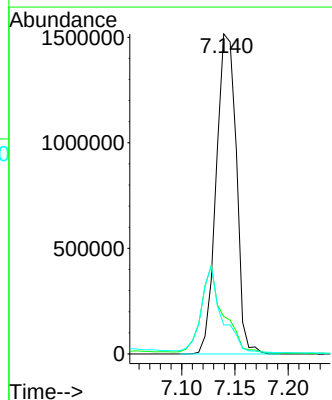
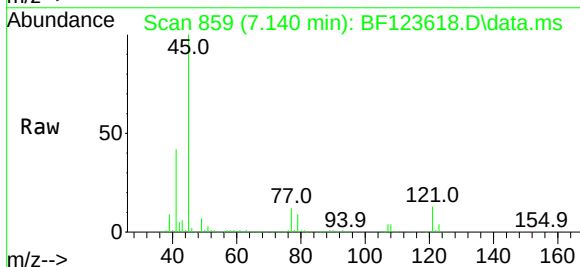
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

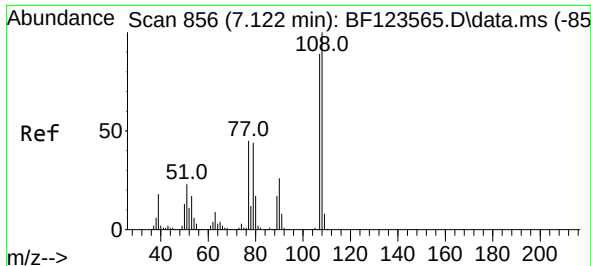
Tgt Ion: 79 Resp: 867061  
Ion Ratio Lower Upper  
79 100  
108 70.9 55.8 83.8  
77 64.5 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.89 ng  
RT: 7.140 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion: 45 Resp: 1979917  
Ion Ratio Lower Upper  
45 100  
77 11.7 0.0 30.0  
79 9.1 0.0 27.3

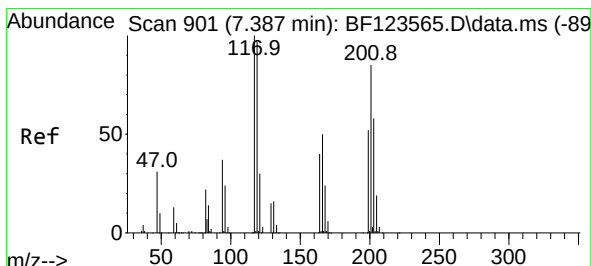
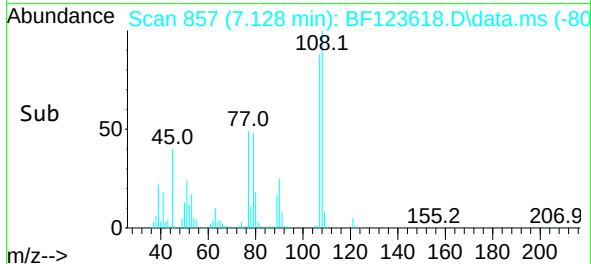
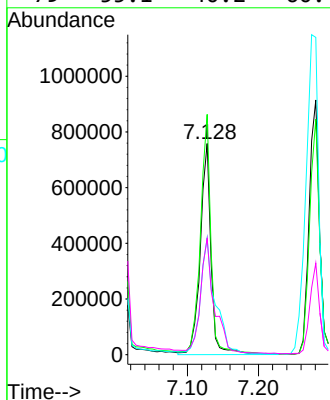
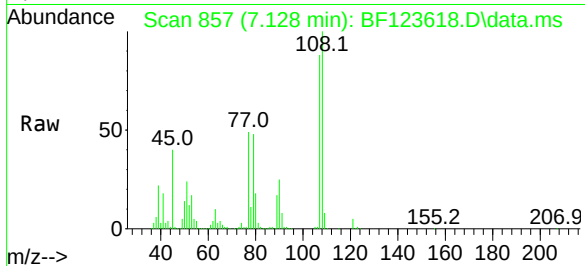




#17  
2-Methylphenol  
Concen: 48.93 ng  
RT: 7.128 min Scan# 857  
Delta R.T. 0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

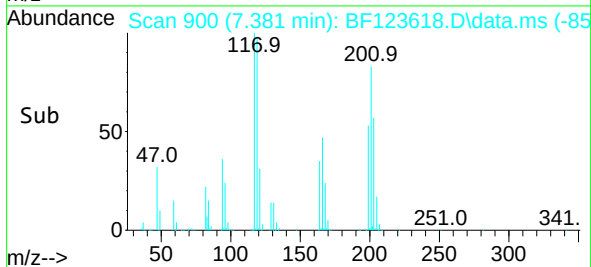
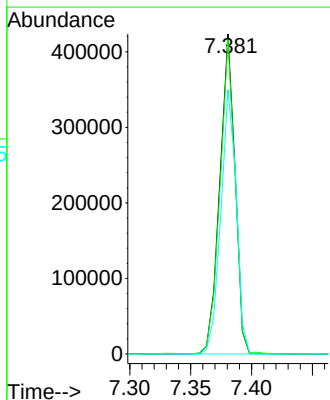
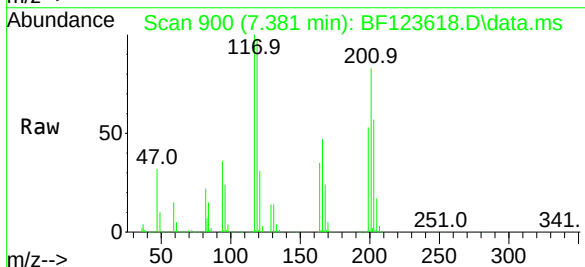
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

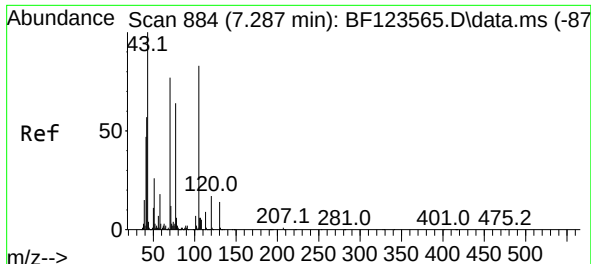
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 806374 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.8 | 89.8  | 134.8  |
| 77       | 55.3  | 40.9  | 61.3   |
| 79       | 55.1  | 40.2  | 60.4   |



#18  
Hexachloroethane  
Concen: 46.27 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 369082 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.2  | 77.8  | 116.8  |
| 201      | 82.6  | 67.8  | 101.8  |

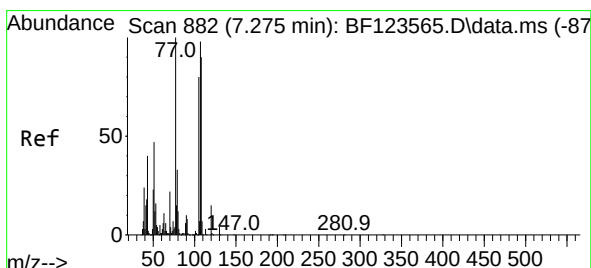
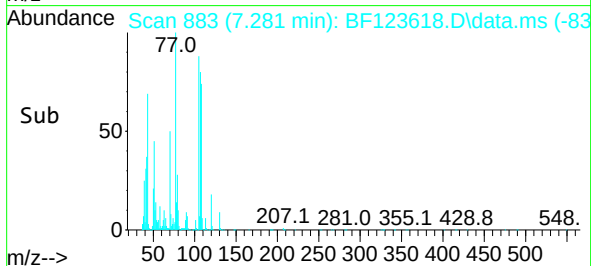
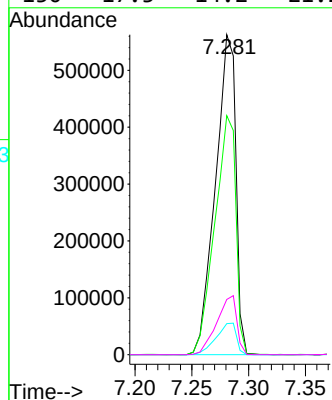
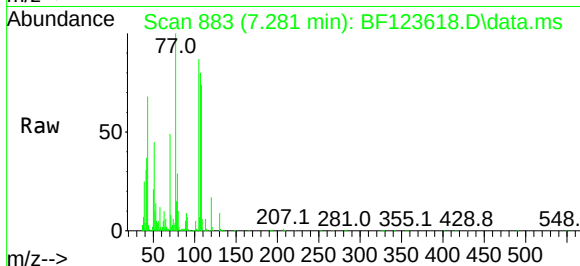




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.93 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

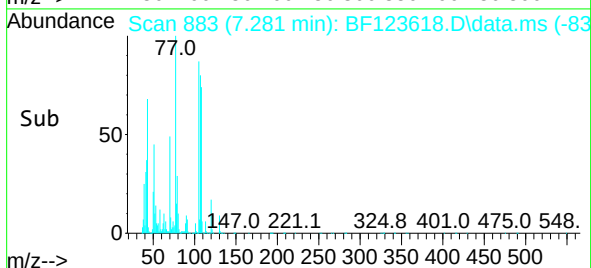
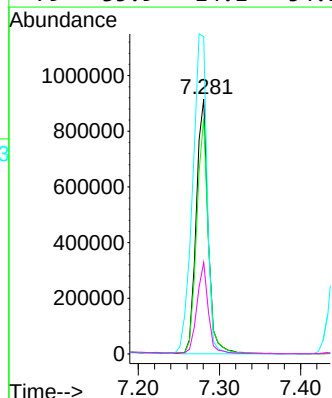
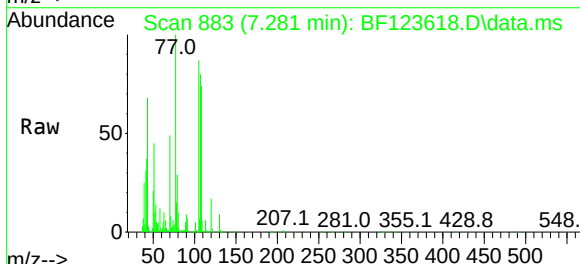
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

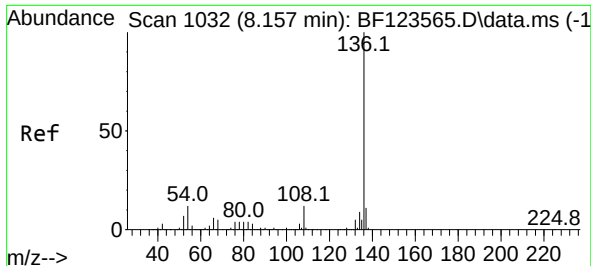
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 703660 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 74.7  | 60.1  | 90.1   |
| 101      | 9.7   | 7.4   | 11.2   |
| 130      | 17.3  | 14.2  | 21.2   |



#20  
3+4-Methylphenols  
Concen: 44.47 ng  
RT: 7.281 min Scan# 883  
Delta R.T. 0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

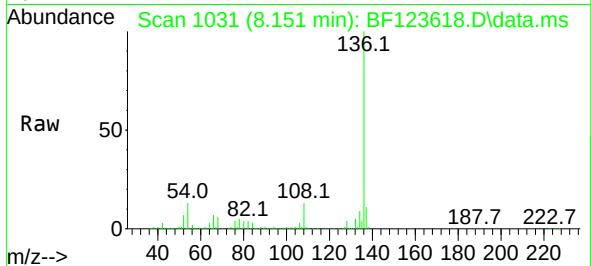
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 935011 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.4  | 71.5  | 111.5  |
| 77       | 124.6 | 82.0  | 122.0# |
| 79       | 35.9  | 14.1  | 54.1   |



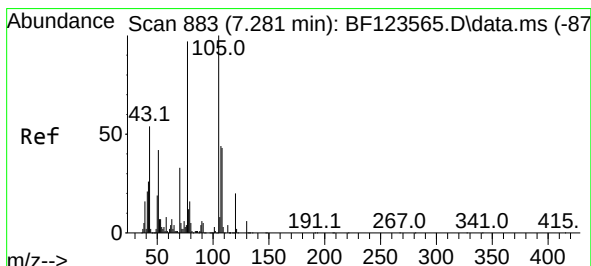
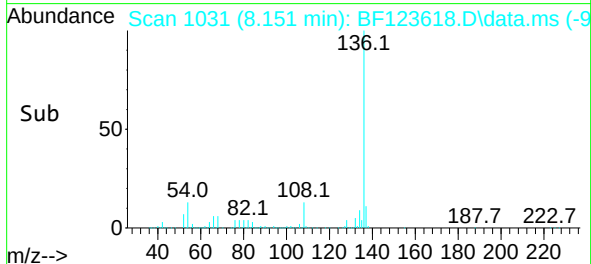
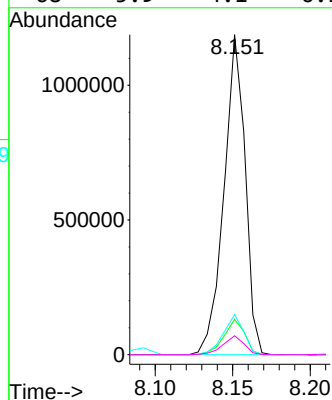


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

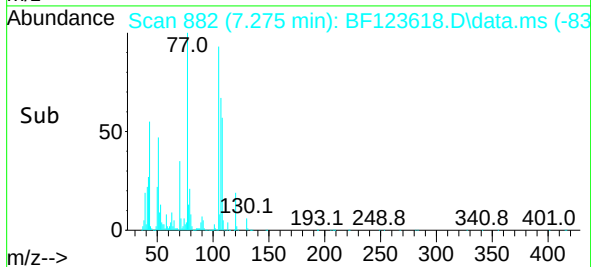
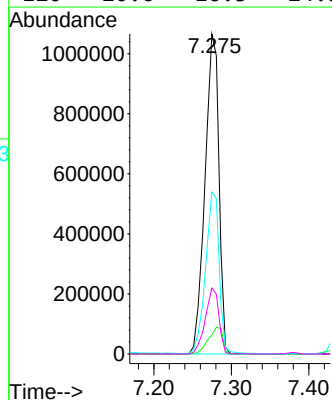
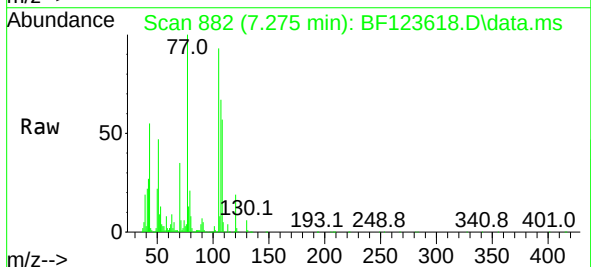


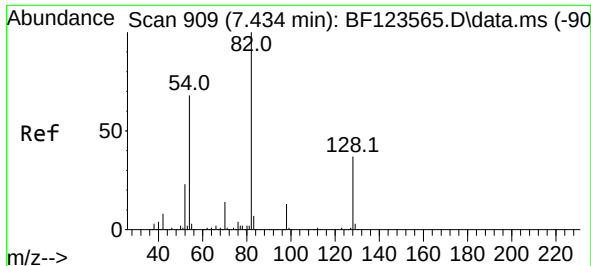
Tgt Ion:136 Resp: 1126539  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.7 13.1  
54 12.6 9.8 14.6  
68 5.9 4.1 6.1



#22  
Acetophenone  
Concen: 42.58 ng  
RT: 7.275 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:105 Resp: 1330501  
Ion Ratio Lower Upper  
105 100  
71 6.0 4.2 6.4  
51 50.6 33.6 50.4#  
120 20.6 16.3 24.5





#23

Nitrobenzene-d5

Concen: 83.79 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

Tgt Ion: 82 Resp: 2053398

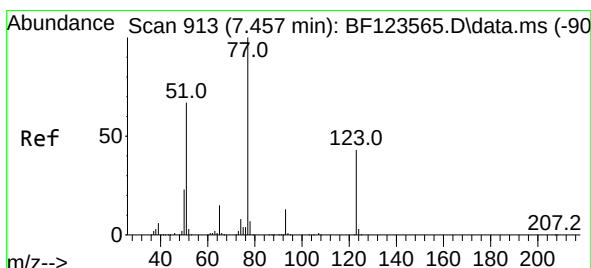
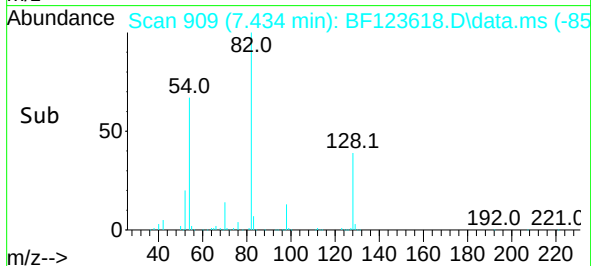
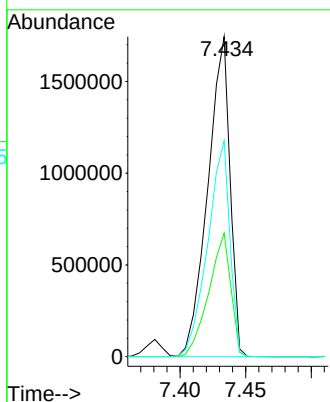
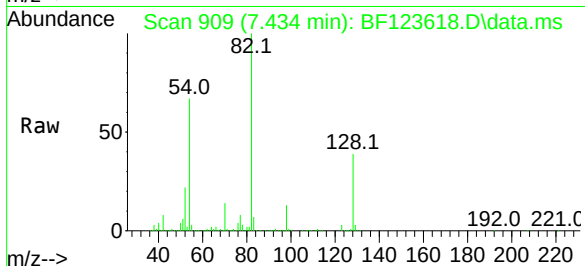
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.6  | 29.4  | 44.2  |
| 54  | 67.5  | 54.1  | 81.1  |

Instrument :

BNA\_F

ClientSampleId :

PB135807BS



#24

Nitrobenzene

Concen: 42.39 ng

RT: 7.451 min Scan# 912

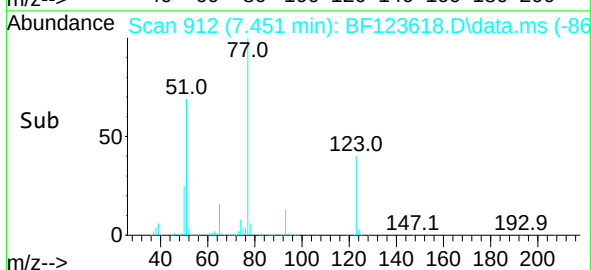
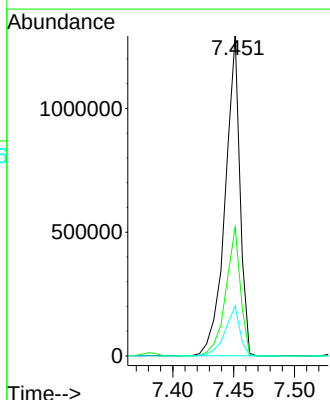
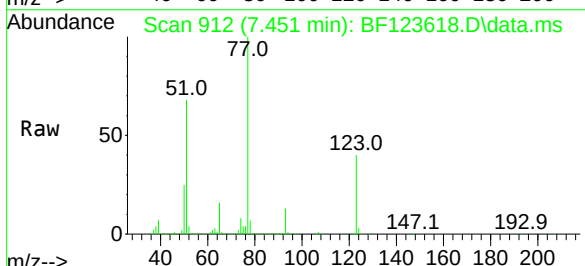
Delta R.T. -0.006 min

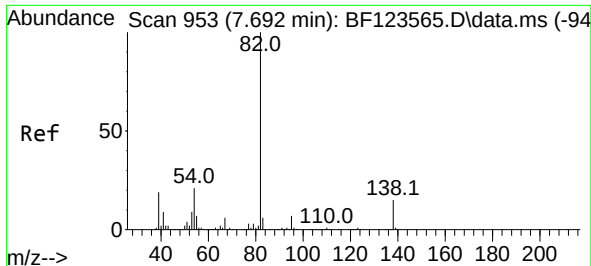
Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

Tgt Ion: 77 Resp: 1093755

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 40.3  | 34.5  | 51.7  |
| 65  | 15.6  | 12.2  | 18.2  |

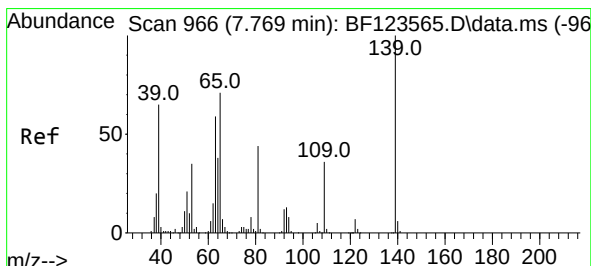
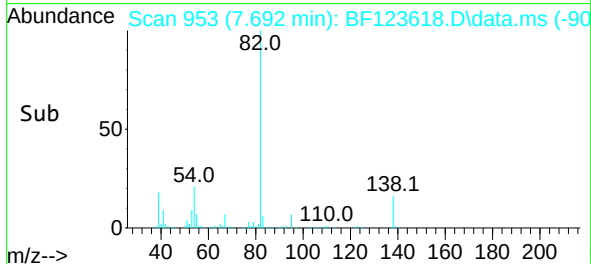
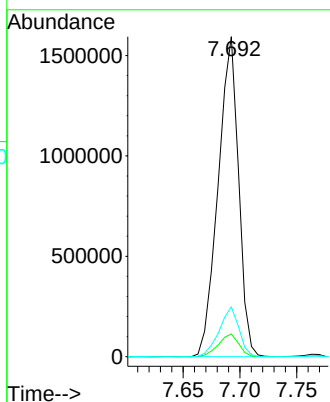
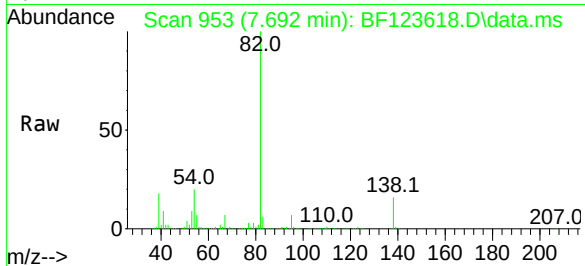




#25  
Isophorone  
Concen: 41.98 ng  
RT: 7.692 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

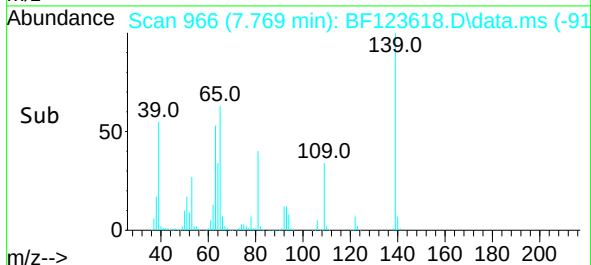
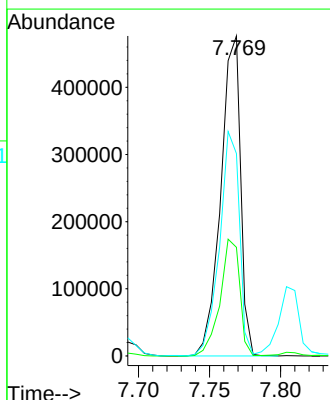
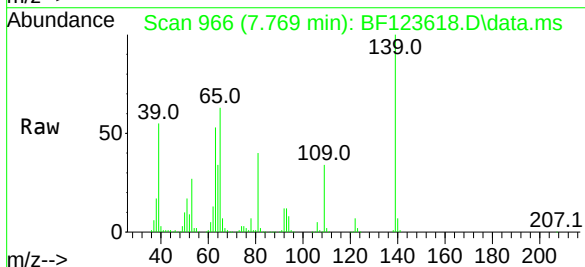
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

Tgt Ion: 82 Resp: 1995634  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.8 8.6  
138 15.5 11.8 17.8

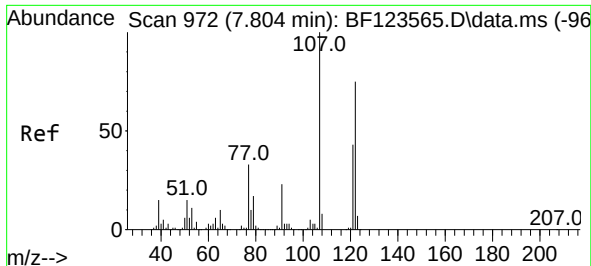


#26  
2-Nitrophenol  
Concen: 52.38 ng  
RT: 7.769 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:139 Resp: 461833  
Ion Ratio Lower Upper  
139 100  
109 33.9 28.6 43.0  
65 63.2 56.8 85.2

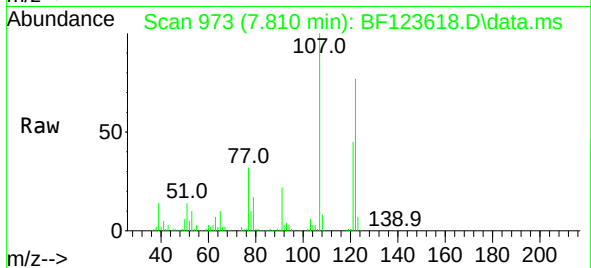




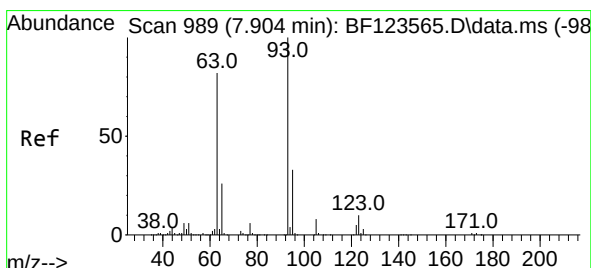
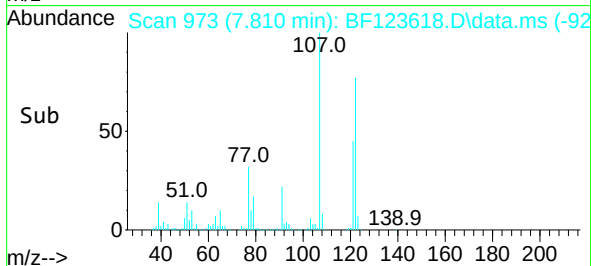
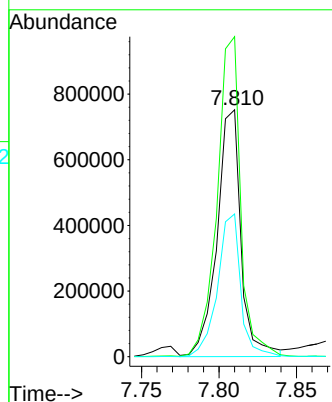


#27  
2,4-Dimethylphenol  
Concen: 49.74 ng  
RT: 7.810 min Scan# 973  
Delta R.T. 0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

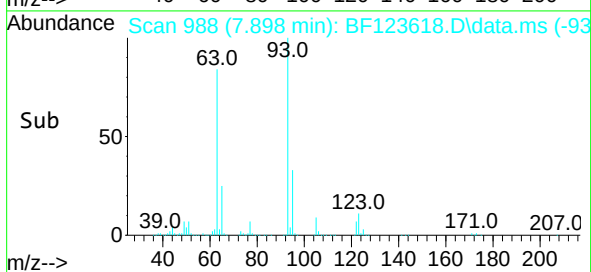
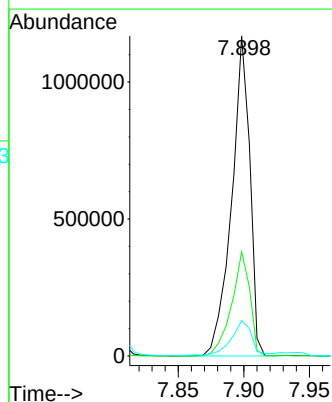
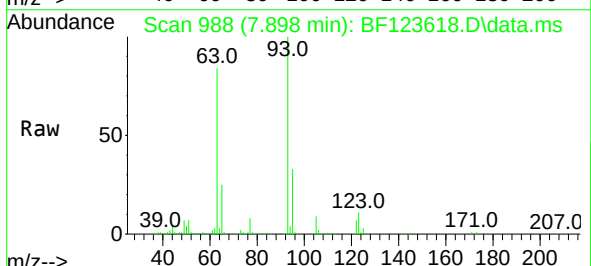


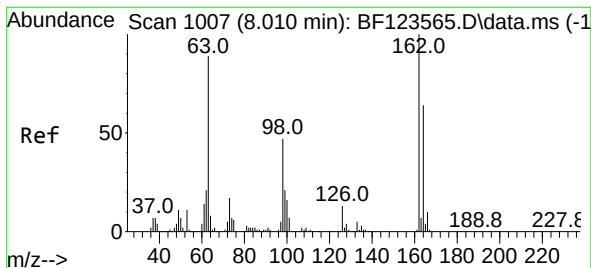
Tgt Ion:122 Resp: 809271  
Ion Ratio Lower Upper  
122 100  
107 129.6 106.3 159.5  
121 57.8 45.4 68.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.14 ng  
RT: 7.898 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion: 93 Resp: 1124629  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.5 39.7  
123 11.1 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 43.85 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

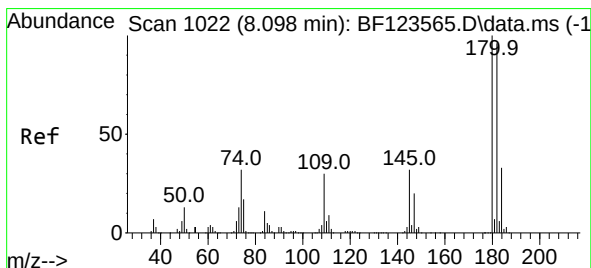
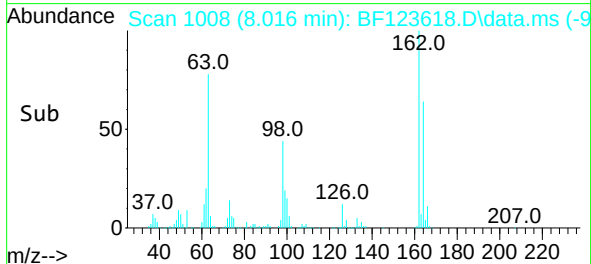
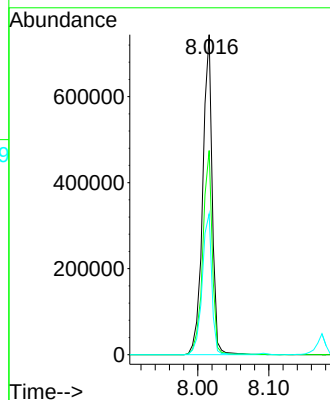
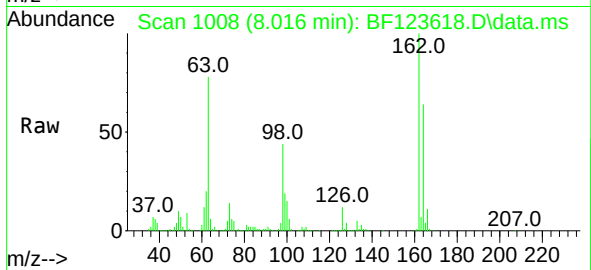
Tgt Ion:162 Resp: 694733

Ion Ratio Lower Upper

162 100

164 63.8 44.1 84.1

98 44.0 27.3 67.3



#30

1,2,4-Trichlorobenzene

Concen: 42.94 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

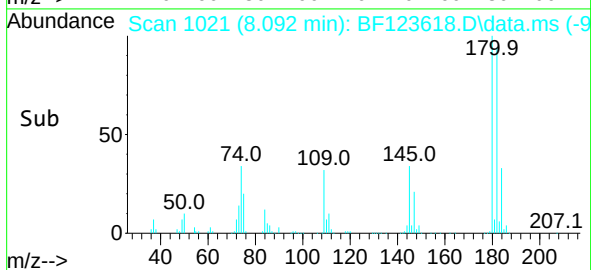
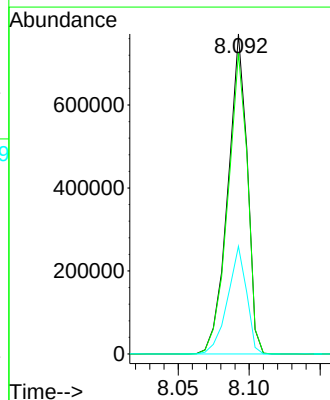
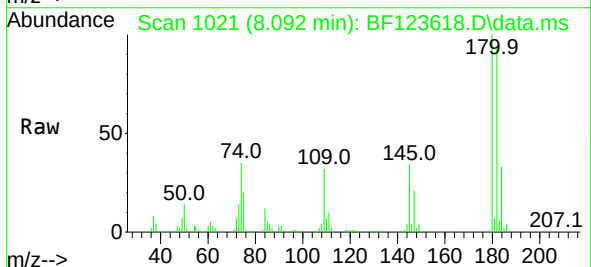
Tgt Ion:180 Resp: 730942

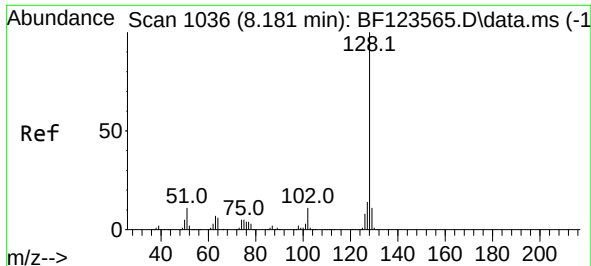
Ion Ratio Lower Upper

180 100

182 94.1 77.2 115.8

145 33.6 26.0 39.0

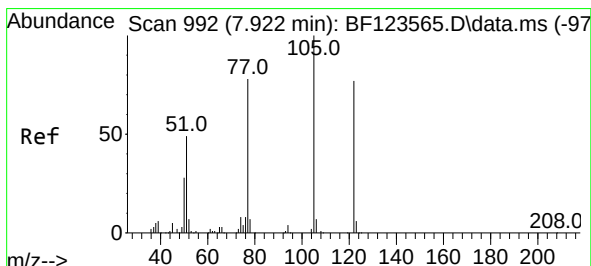
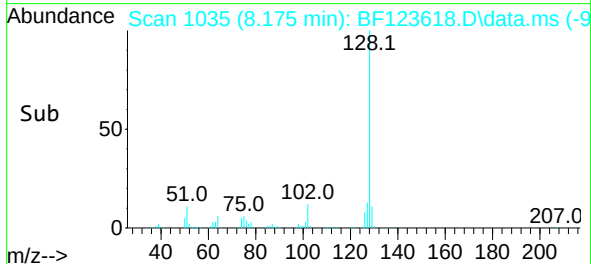
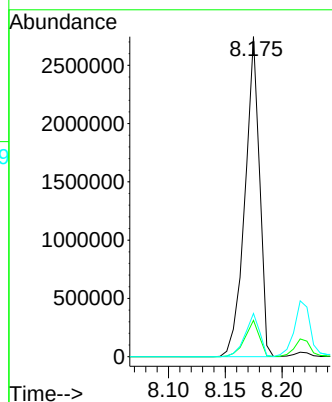
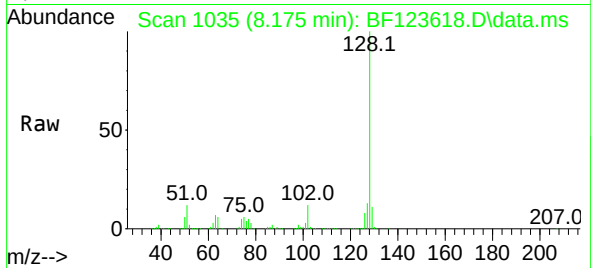




#31  
Naphthalene  
Concen: 42.21 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

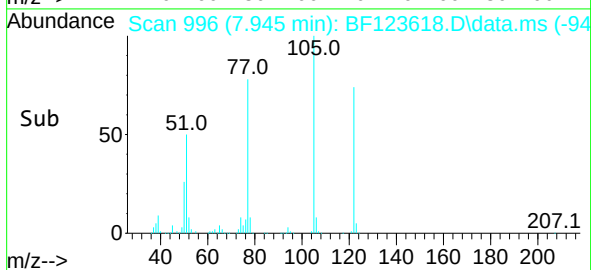
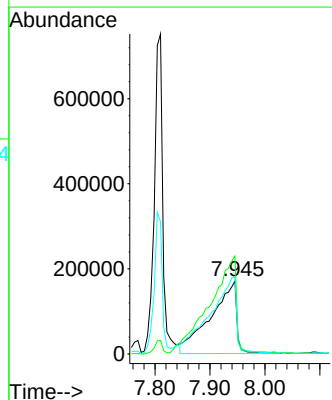
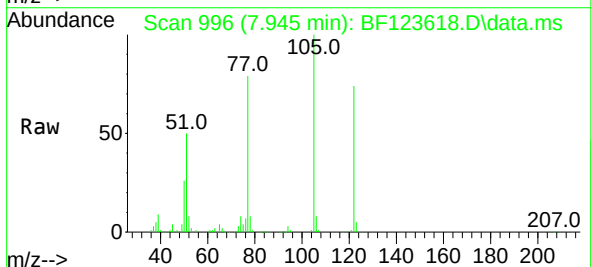
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

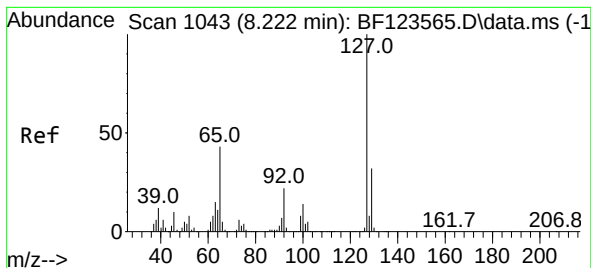
Tgt Ion:128 Resp: 2449326  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 13.5 10.8 16.2



#32  
Benzoic acid  
Concen: 51.03 ng  
RT: 7.945 min Scan# 996  
Delta R.T. 0.024 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:122 Resp: 555848  
Ion Ratio Lower Upper  
122 100  
105 134.5 107.8 147.8  
77 105.9 81.6 121.6

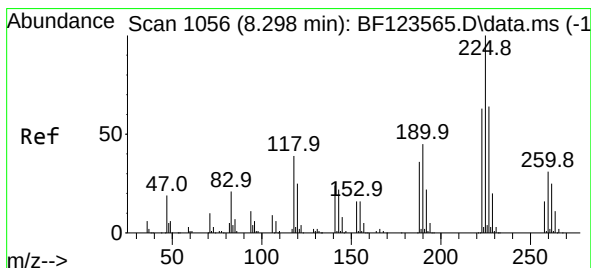
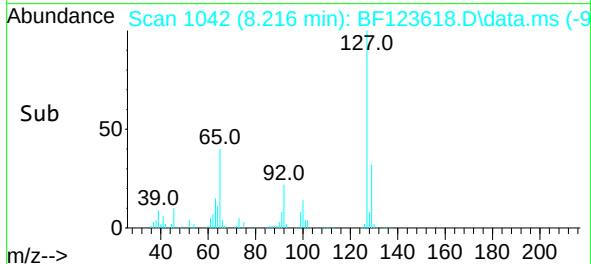
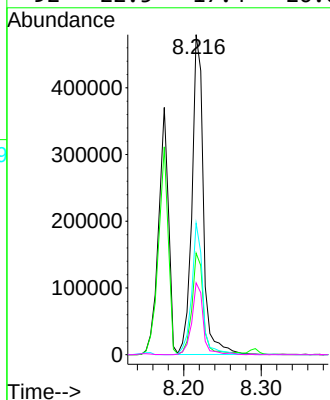
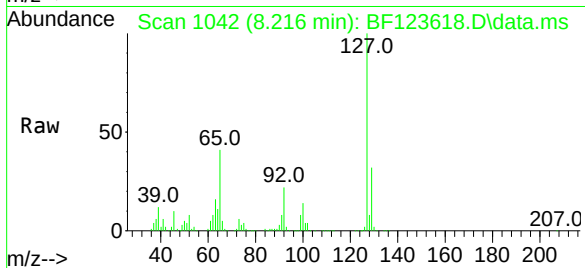




#33  
4-Chloroaniline  
Concen: 20.63 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

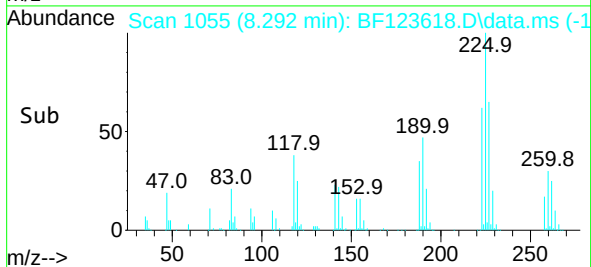
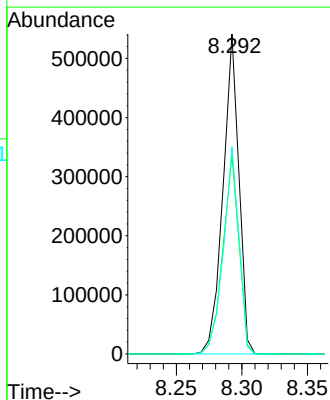
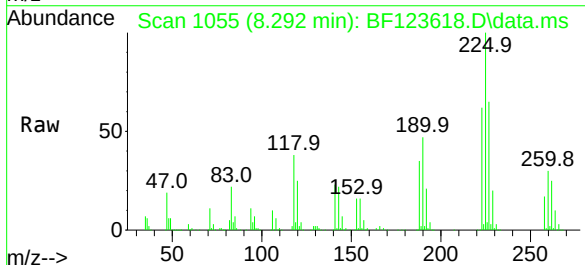
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

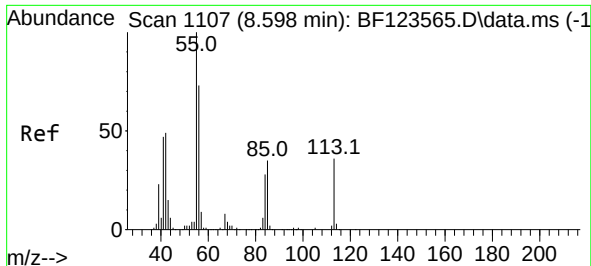
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 491589 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 31.8    | 25.7 38.5    |
| 65 41.1     | 34.5 51.7    |
| 92 22.5     | 17.4 26.0    |



#34  
Hexachlorobutadiene  
Concen: 42.66 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 455739 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 62.1    | 50.4 75.6    |
| 227 64.6    | 51.4 77.0    |

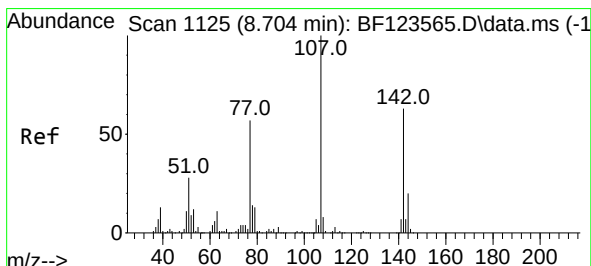
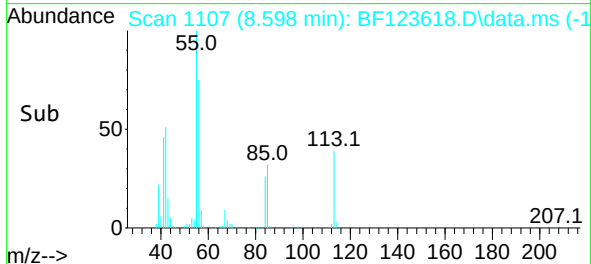
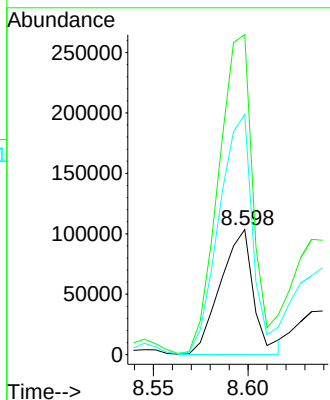
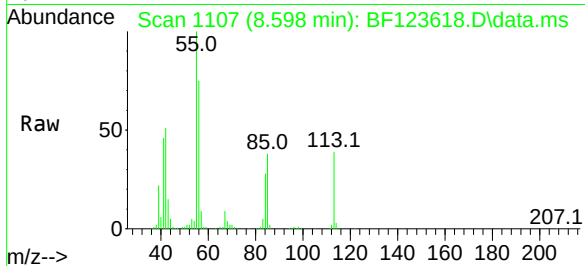




#35  
Caprolactam  
Concen: 22.80 ng  
RT: 8.598 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

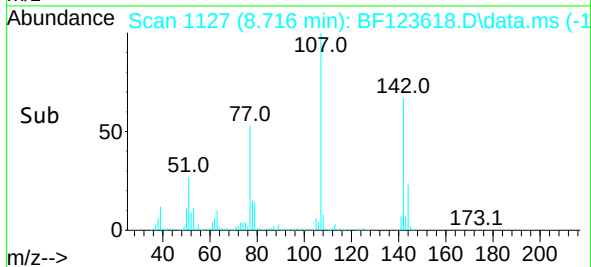
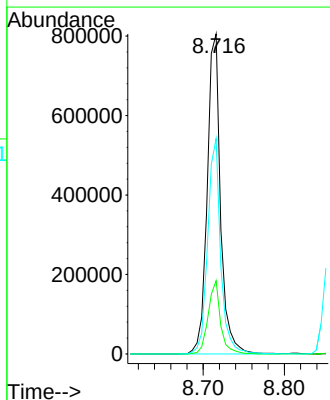
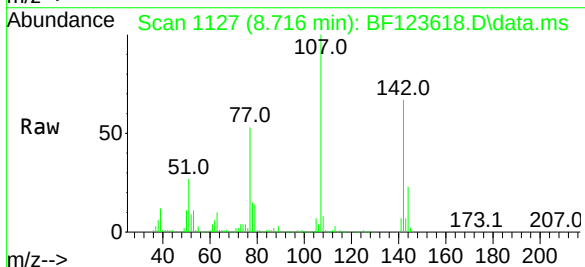
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

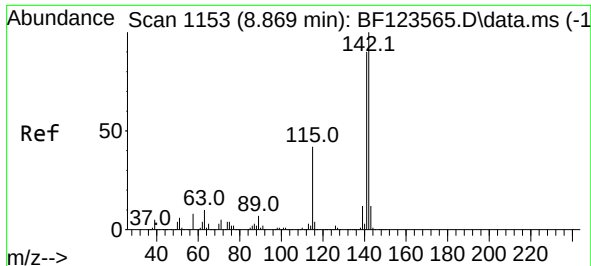
Tgt Ion:113 Resp: 126080  
Ion Ratio Lower Upper  
113 100  
55 255.7 254.9 294.9  
56 191.9 179.4 219.4



#36  
4-Chloro-3-methylphenol  
Concen: 44.54 ng  
RT: 8.716 min Scan# 1127  
Delta R.T. 0.012 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:107 Resp: 915190  
Ion Ratio Lower Upper  
107 100  
144 22.9 16.3 24.5  
142 67.3 50.1 75.1

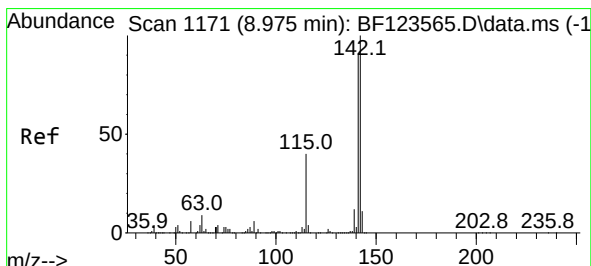
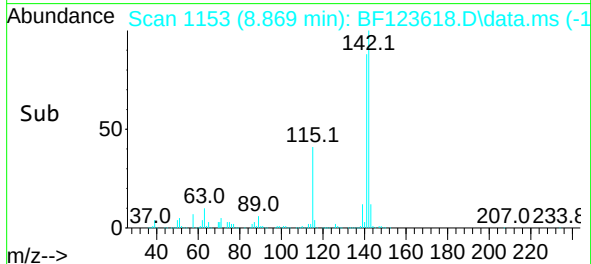
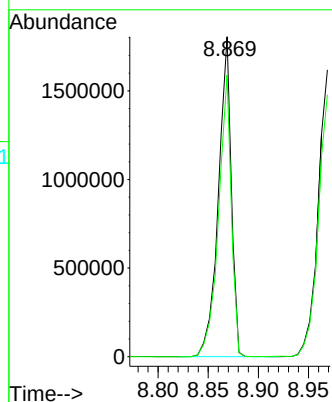
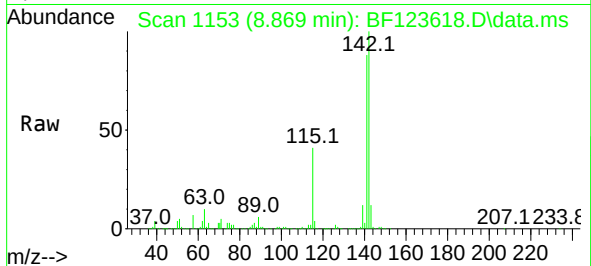




#37  
2-Methylnaphthalene  
Concen: 42.44 ng  
RT: 8.869 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

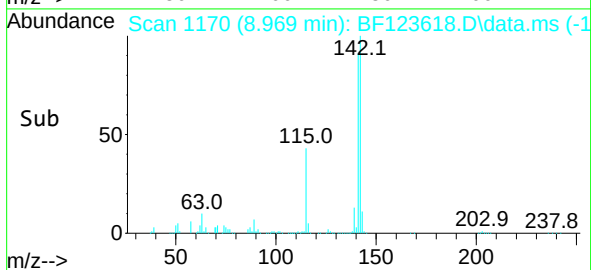
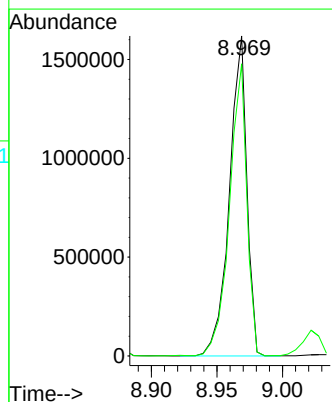
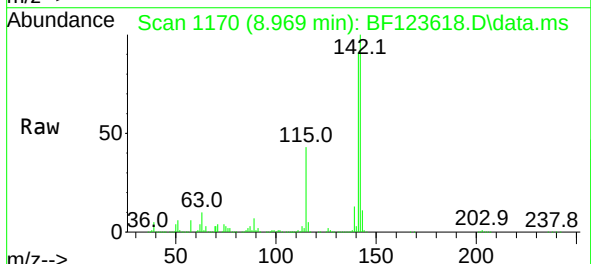
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

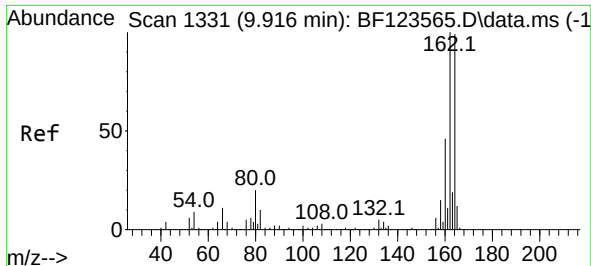
Tgt Ion:142 Resp: 1615005  
Ion Ratio Lower Upper  
142 100  
141 88.0 71.8 107.6



#38  
1-Methylnaphthalene  
Concen: 41.62 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:142 Resp: 1498398  
Ion Ratio Lower Upper  
142 100  
141 91.3 72.8 109.2

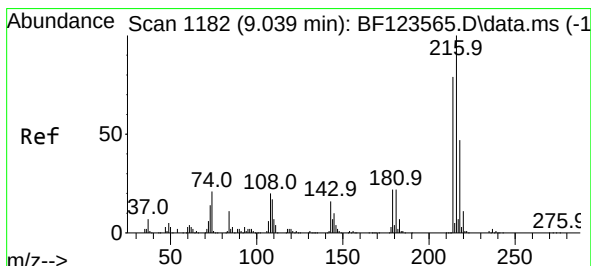
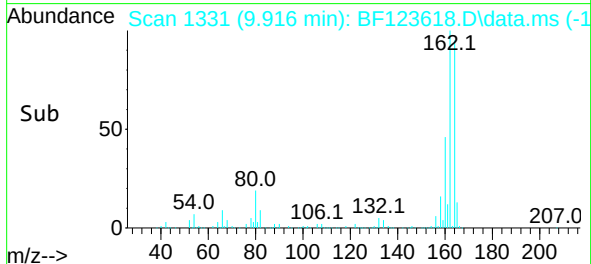
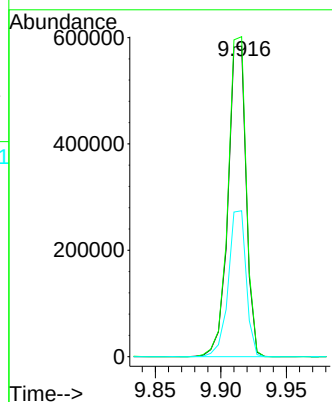
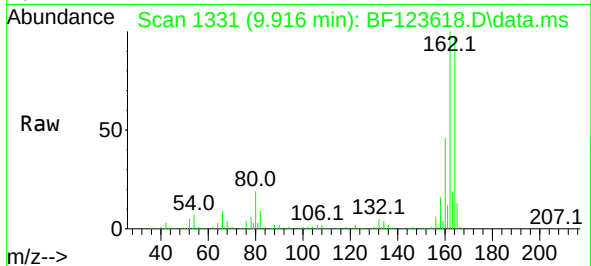




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

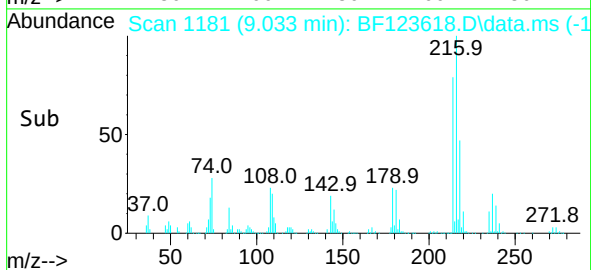
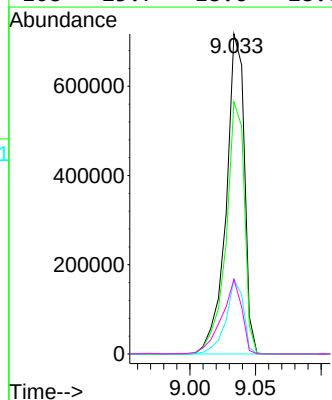
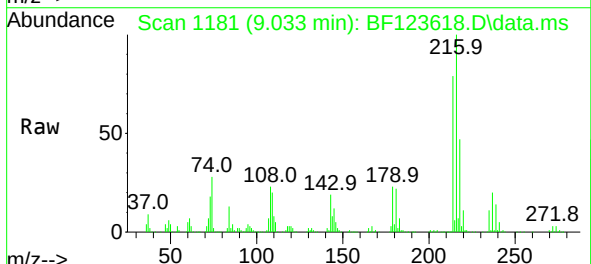
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

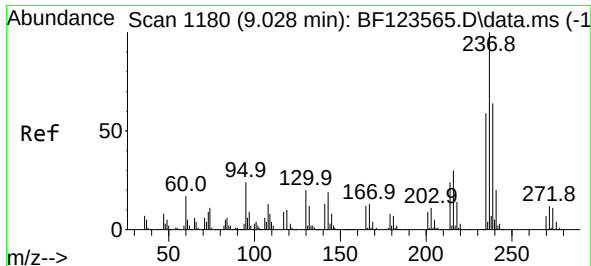
Tgt Ion:164 Resp: 561529  
Ion Ratio Lower Upper  
164 100  
162 103.0 80.7 121.1  
160 47.0 37.3 55.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.73 ng  
RT: 9.033 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:216 Resp: 693164  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.8 95.8  
179 22.4 17.9 26.9  
108 25.7 18.6 28.0

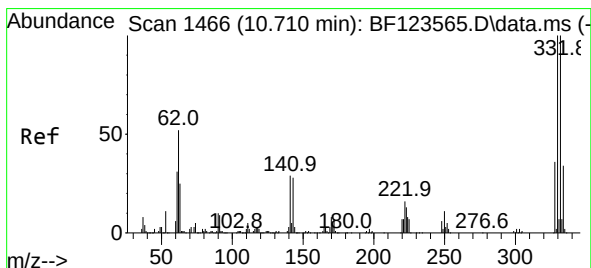
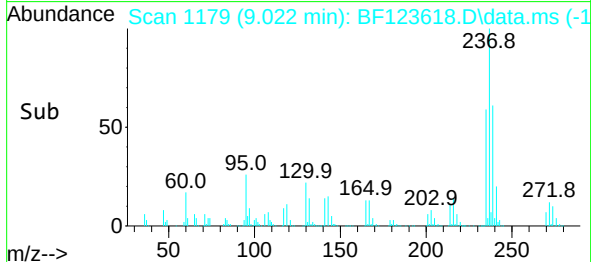
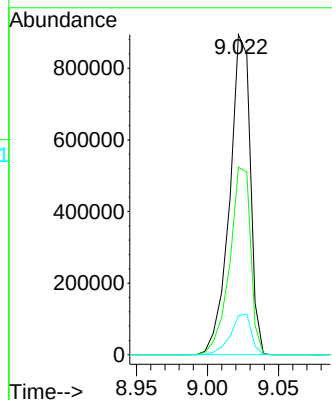
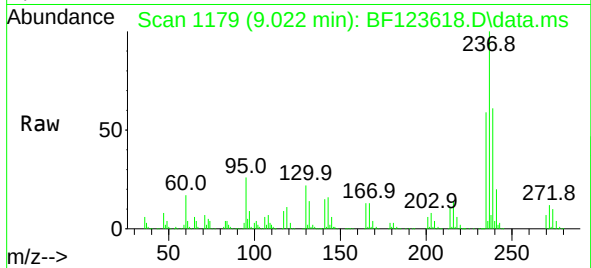




#41  
Hexachlorocyclopentadiene  
Concen: 112.35 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

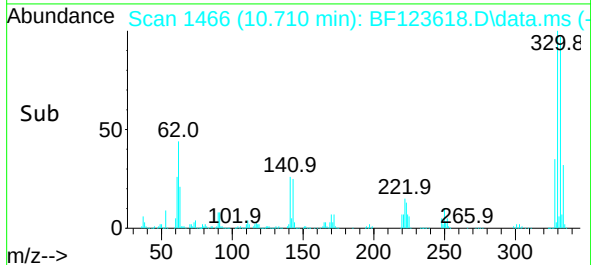
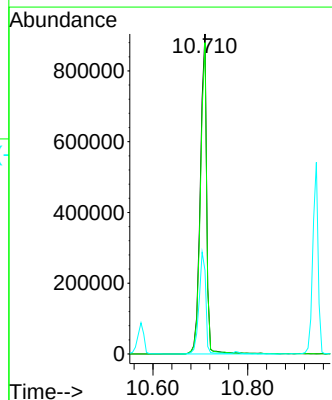
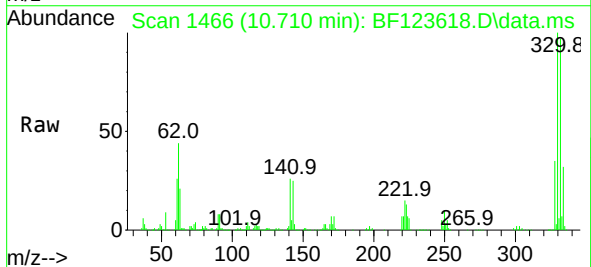
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

Tgt Ion:237 Resp: 904799  
Ion Ratio Lower Upper  
237 100  
235 58.6 38.8 78.8  
272 12.2 0.0 32.4

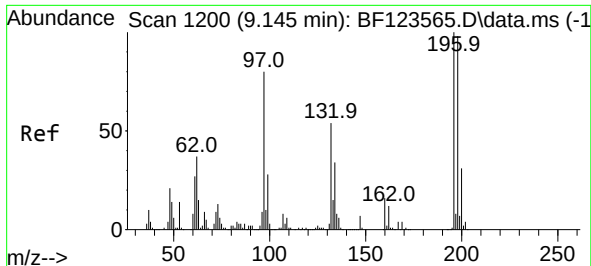


#42  
2,4,6-Tribromophenol  
Concen: 132.31 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:330 Resp: 841347  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.1 115.7  
141 33.4 27.9 41.9



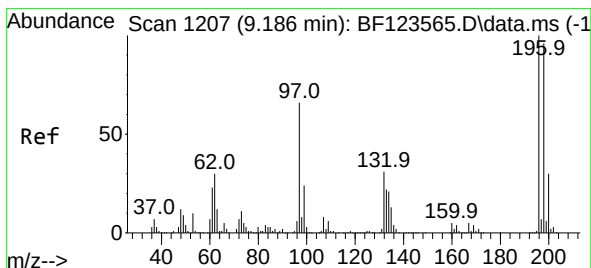
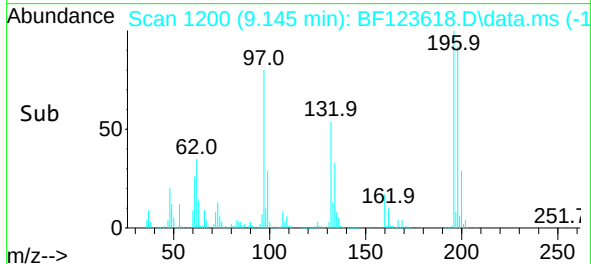
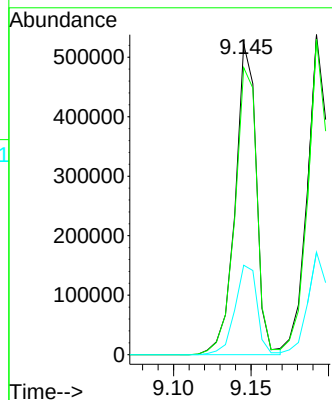
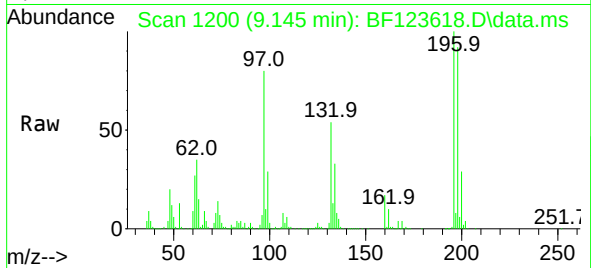




#43  
2,4,6-Trichlorophenol  
Concen: 47.11 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

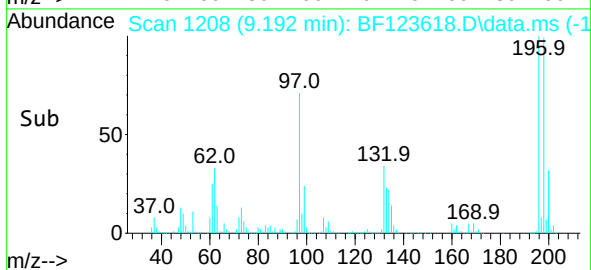
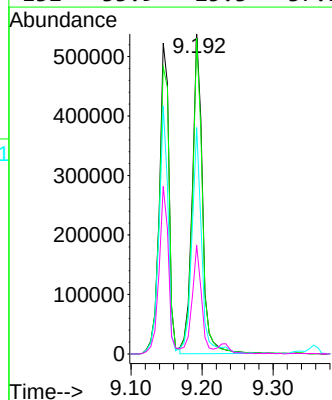
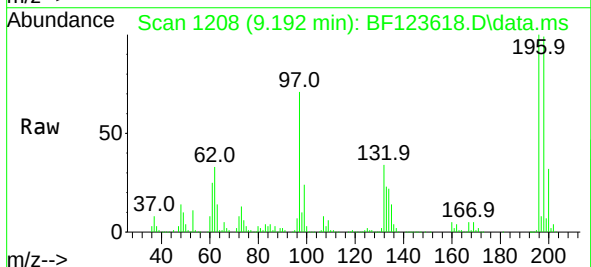
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

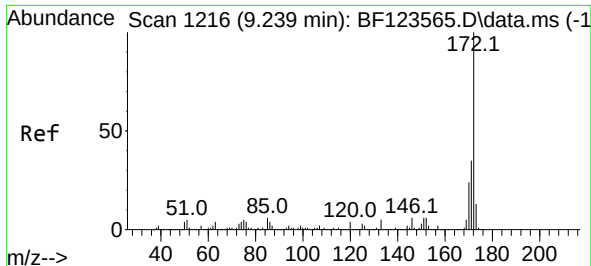
Tgt Ion:196 Resp: 495377  
Ion Ratio Lower Upper  
196 100  
198 92.4 78.2 117.2  
200 28.8 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 46.68 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. 0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:196 Resp: 536659  
Ion Ratio Lower Upper  
196 100  
198 98.6 76.5 114.7  
97 70.8 52.9 79.3  
132 33.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 80.97 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

Instrument :

BNA\_F

ClientSampleId :

PB135807BS

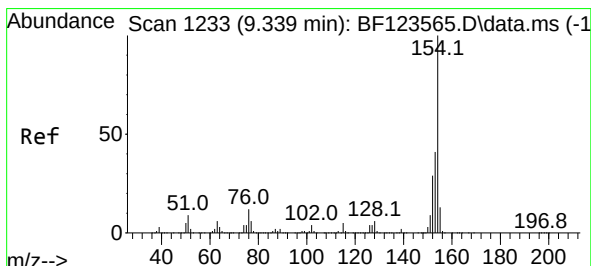
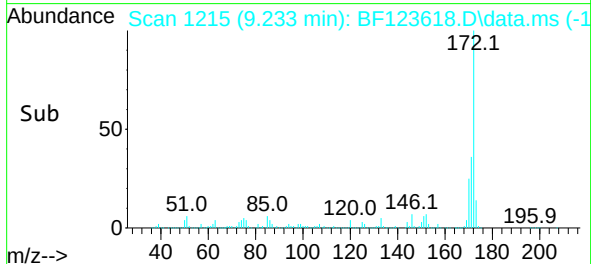
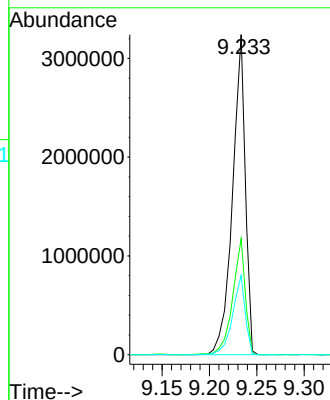
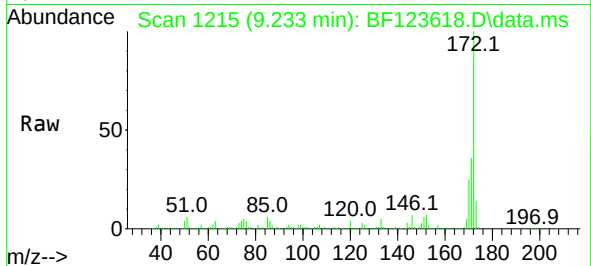
Tgt Ion:172 Resp: 3049950

Ion Ratio Lower Upper

172 100

171 36.3 28.1 42.1

170 24.8 19.2 28.8



#46

1,1'-Biphenyl

Concen: 44.19 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

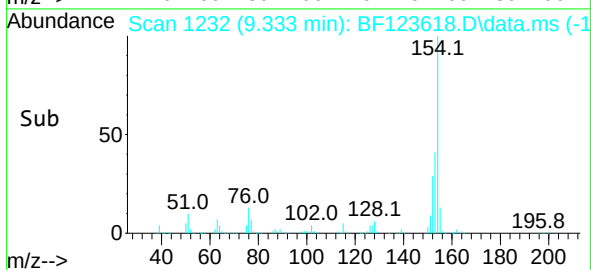
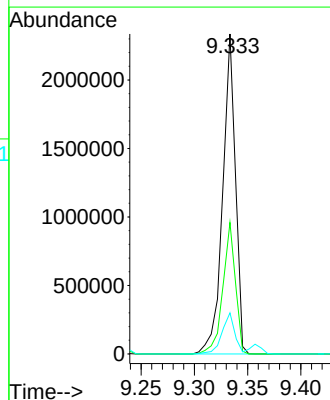
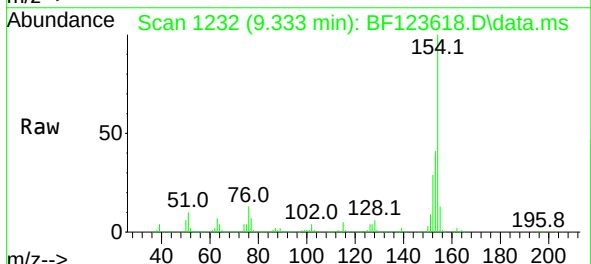
Tgt Ion:154 Resp: 1942254

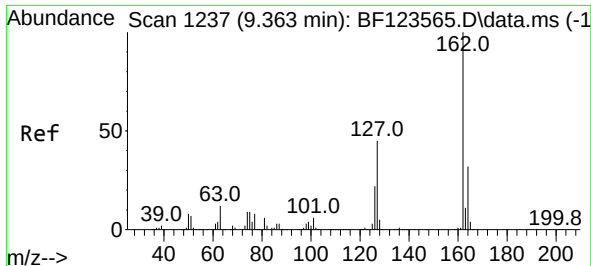
Ion Ratio Lower Upper

154 100

153 41.1 20.7 60.7

76 12.9 0.0 31.7

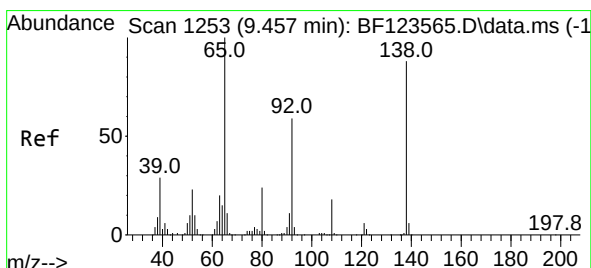
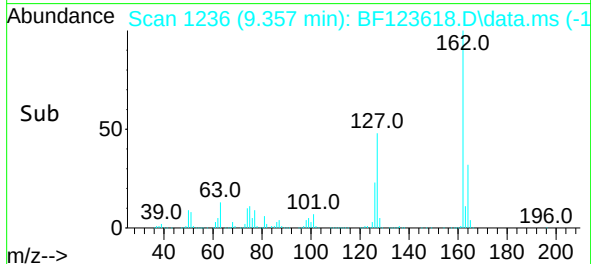
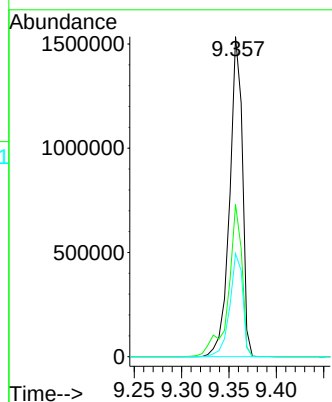
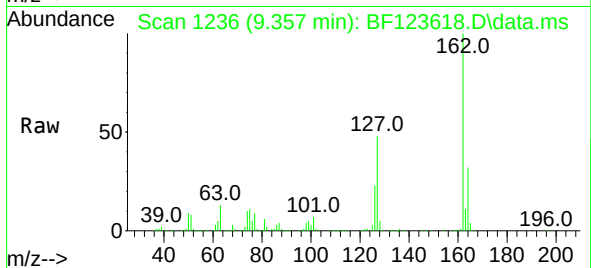




#47  
2-Chloronaphthalene  
Concen: 43.67 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

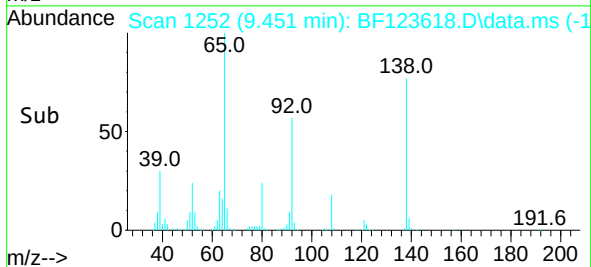
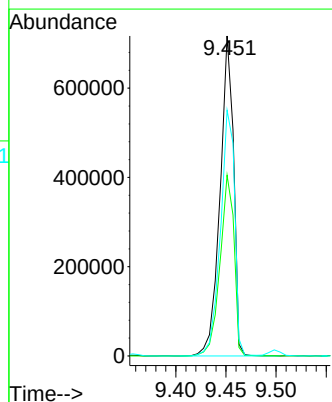
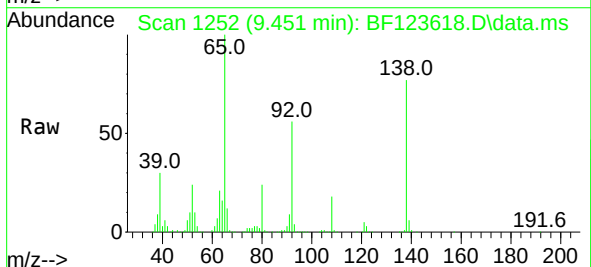
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

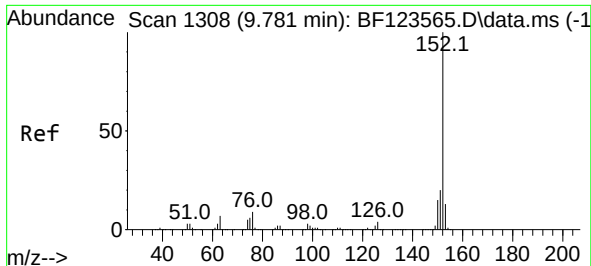
Tgt Ion:162 Resp: 1444165  
Ion Ratio Lower Upper  
162 100  
127 47.6 36.2 54.2  
164 32.2 25.4 38.2



#48  
2-Nitroaniline  
Concen: 48.78 ng  
RT: 9.451 min Scan# 1252  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion: 65 Resp: 672151  
Ion Ratio Lower Upper  
65 100  
92 56.5 47.1 70.7  
138 76.8 70.2 105.2

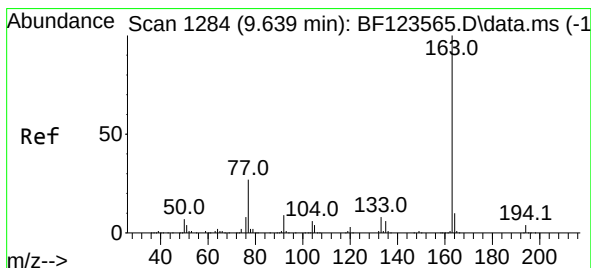
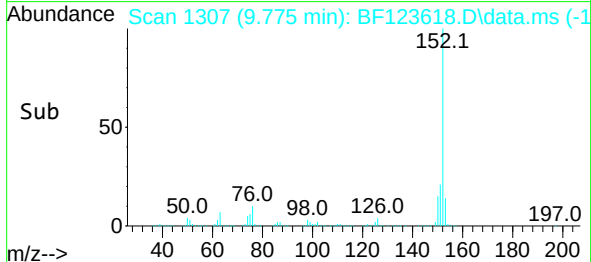
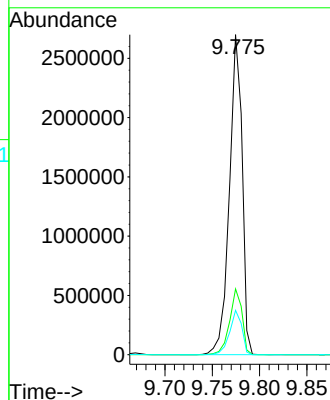
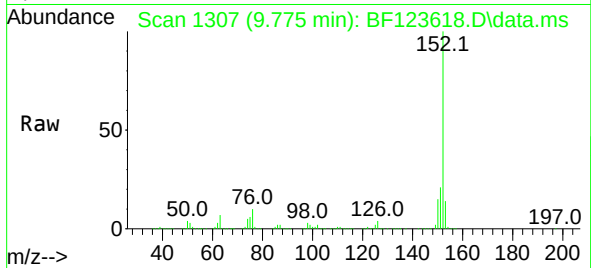




#49  
Acenaphthylene  
Concen: 46.51 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

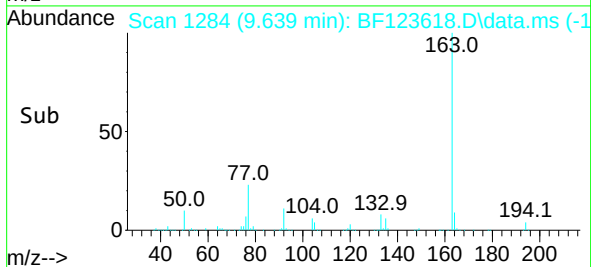
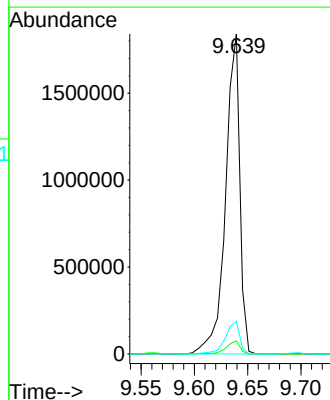
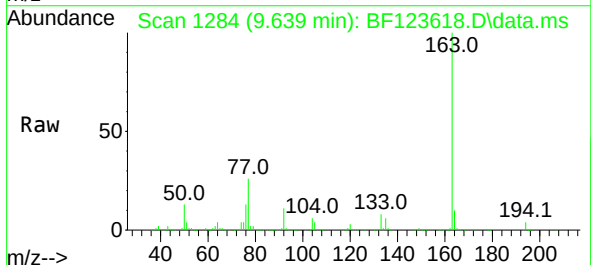
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

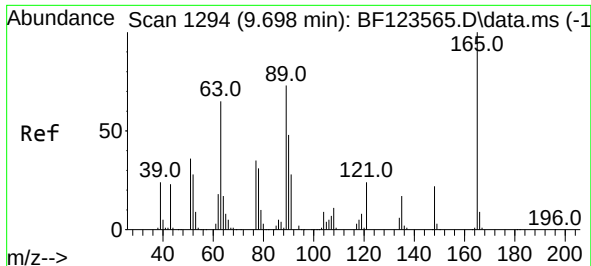
Tgt Ion:152 Resp: 2516372  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.0 24.0  
153 13.8 10.4 15.6



#50  
Dimethylphthalate  
Concen: 43.98 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:163 Resp: 1706390  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.1 4.7  
164 10.2 8.2 12.2

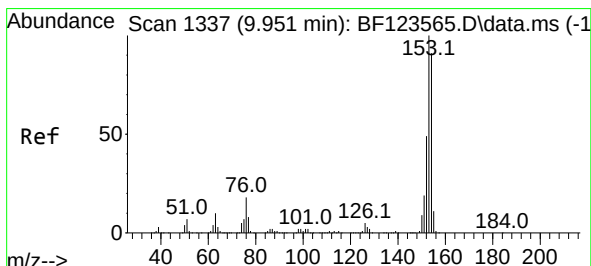
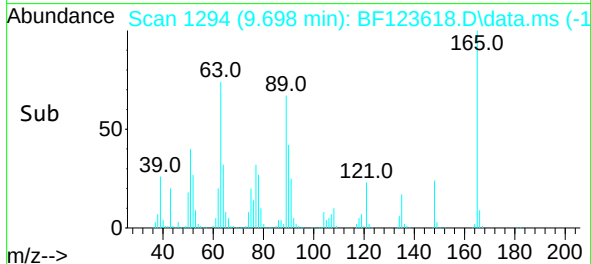
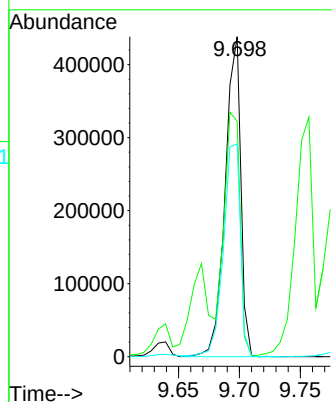
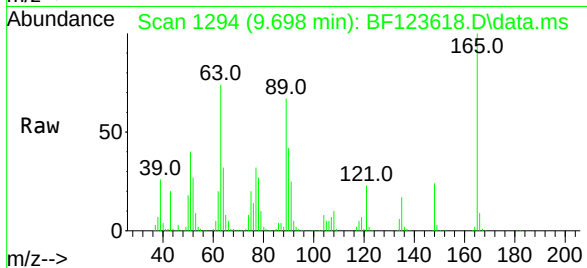




#51  
2,6-Dinitrotoluene  
Concen: 45.92 ng  
RT: 9.698 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

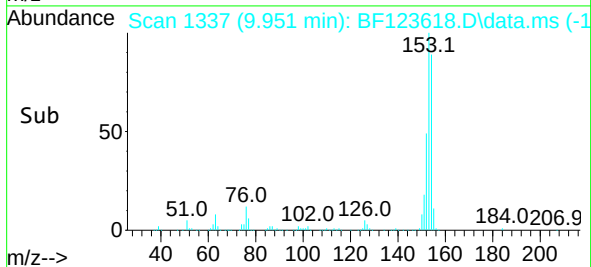
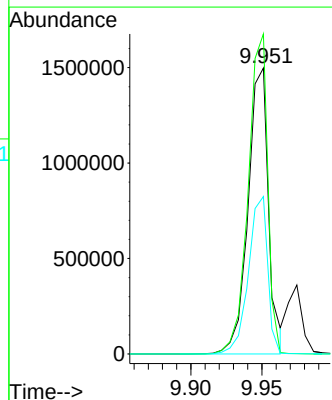
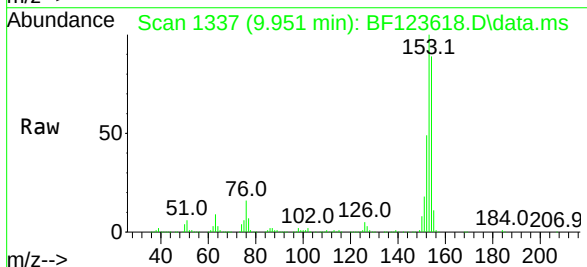
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

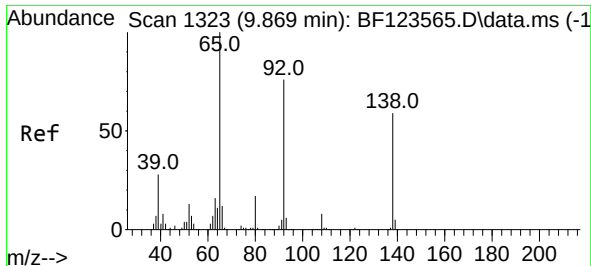
Tgt Ion:165 Resp: 391062  
Ion Ratio Lower Upper  
165 100  
63 73.6 67.7 101.5  
89 66.5 58.8 88.2



#52  
Acenaphthene  
Concen: 43.25 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:154 Resp: 1501288  
Ion Ratio Lower Upper  
154 100  
153 111.9 88.1 132.1  
152 55.1 43.4 65.0

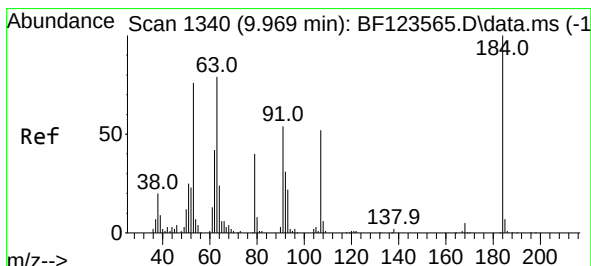
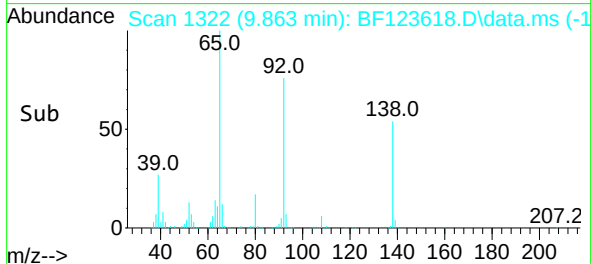
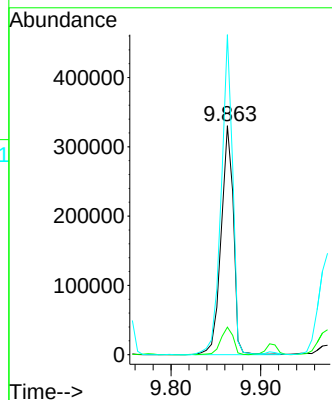
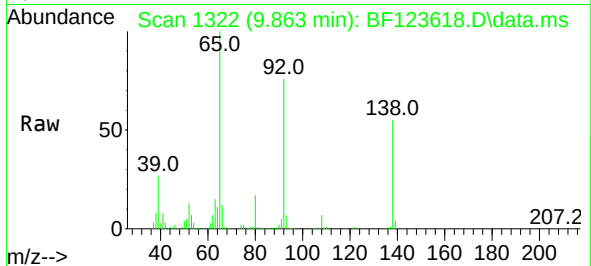




#53  
3-Nitroaniline  
Concen: 31.76 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

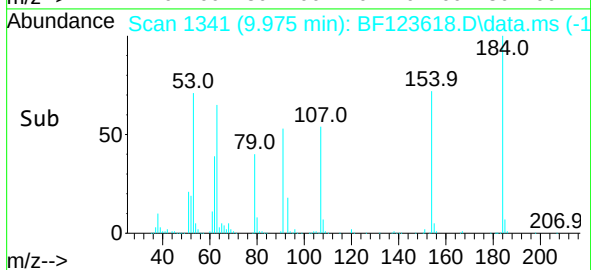
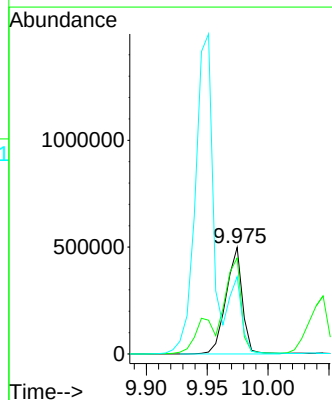
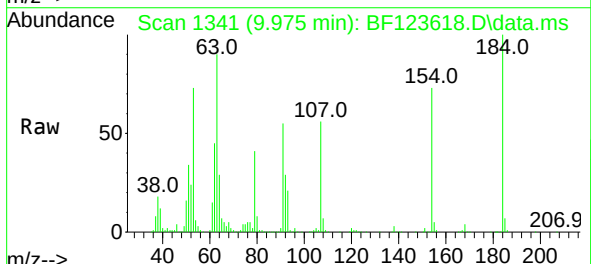
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

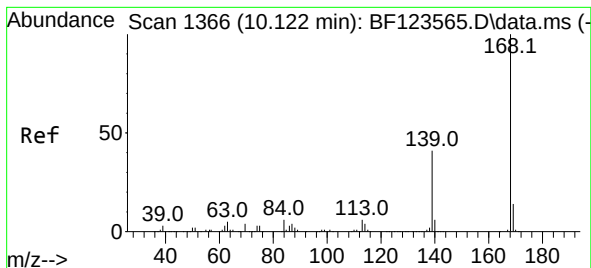
Tgt Ion:138 Resp: 313717  
Ion Ratio Lower Upper  
138 100  
108 12.0 10.2 15.4  
92 139.8 103.3 154.9



#54  
2,4-Dinitrophenol  
Concen: 124.85 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:184 Resp: 467012  
Ion Ratio Lower Upper  
184 100  
63 90.2 73.5 110.3  
154 72.5 52.5 78.7

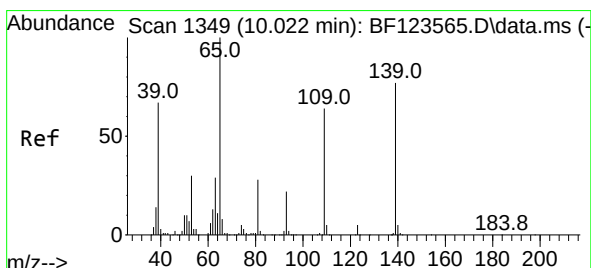
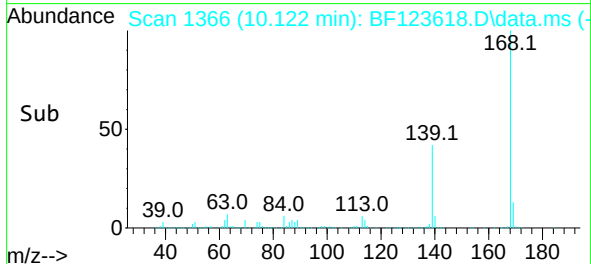
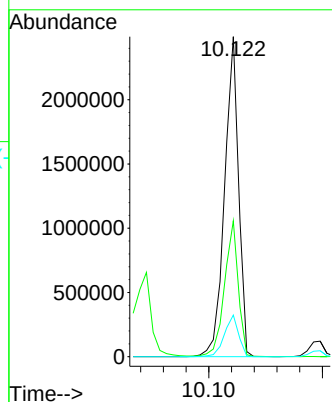
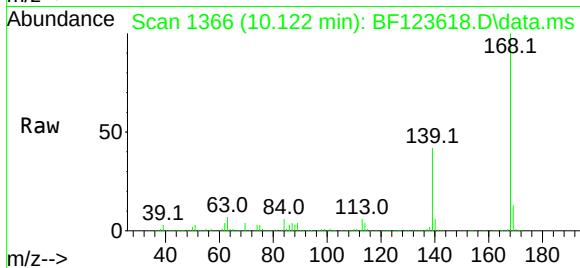




#55  
Dibenzofuran  
Concen: 42.83 ng  
RT: 10.122 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

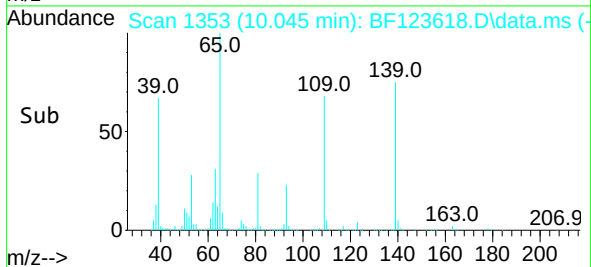
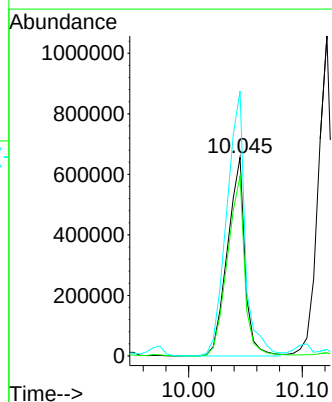
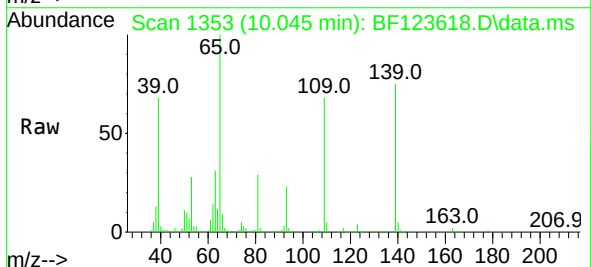
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BNA\_F  
ClientSampleId :  
PB135807BS

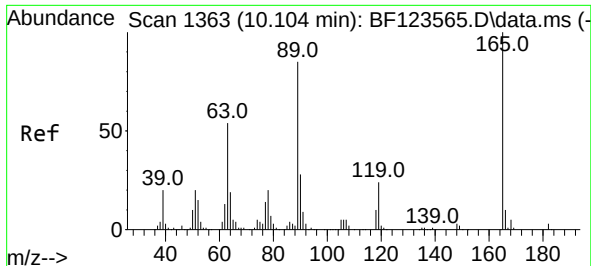
Tgt Ion:168 Resp: 2132476  
Ion Ratio Lower Upper  
168 100  
139 42.4 33.2 49.8  
169 13.0 10.8 16.2



#56  
4-Nitrophenol  
Concen: 92.92 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. 0.024 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:139 Resp: 703331  
Ion Ratio Lower Upper  
139 100  
109 90.7 63.2 103.2  
65 133.4 110.0 150.0

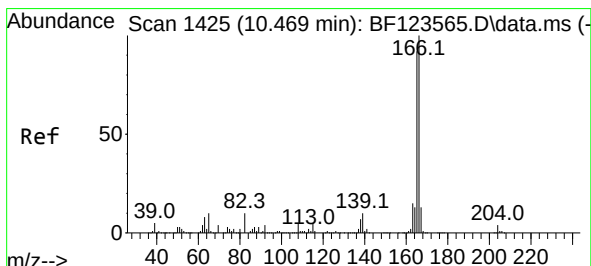
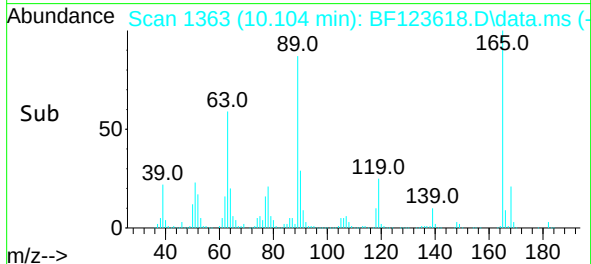
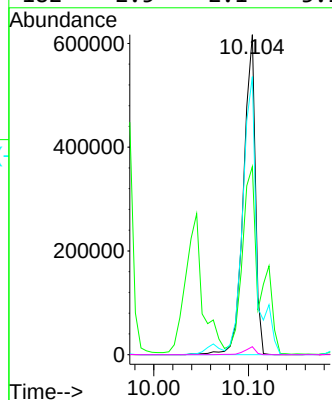
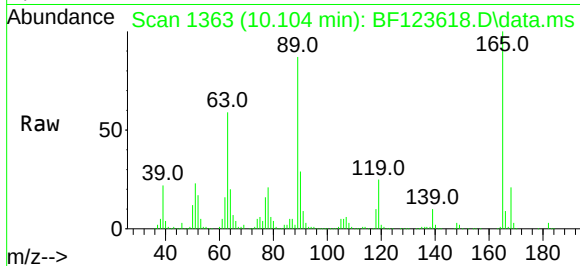




#57  
2,4-Dinitrotoluene  
Concen: 47.10 ng  
RT: 10.104 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

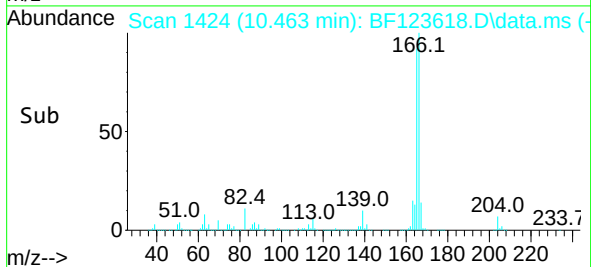
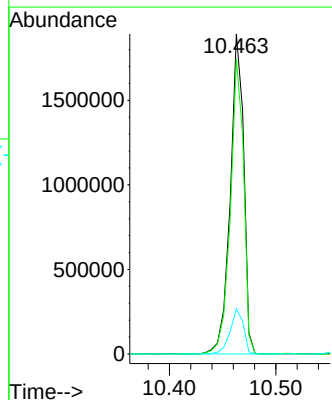
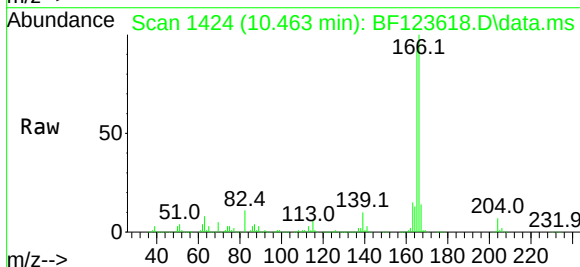
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

Tgt Ion:165 Resp: 535711  
Ion Ratio Lower Upper  
165 100  
63 58.7 43.5 65.3  
89 86.9 67.7 101.5  
182 2.5 2.1 3.1

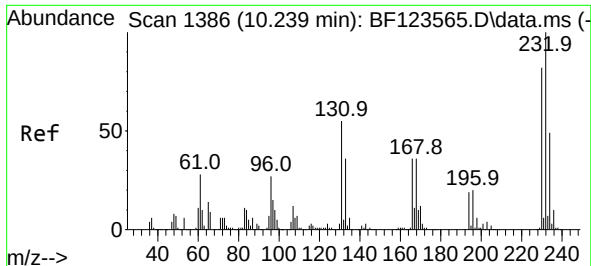


#58  
Fluorene  
Concen: 42.48 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:166 Resp: 1662376  
Ion Ratio Lower Upper  
166 100  
165 92.2 73.5 110.3  
167 14.1 10.7 16.1



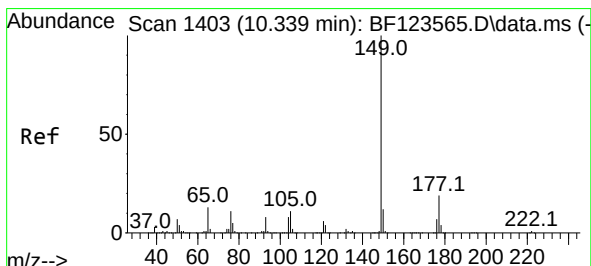
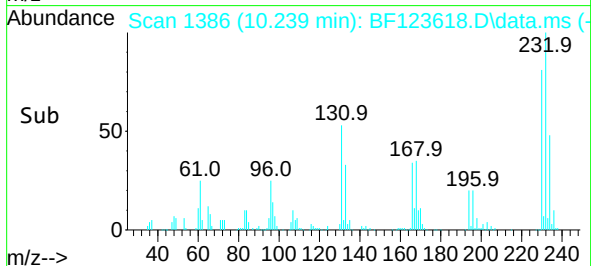
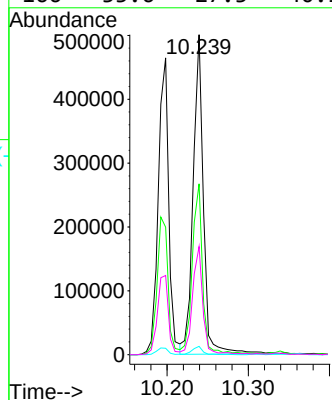
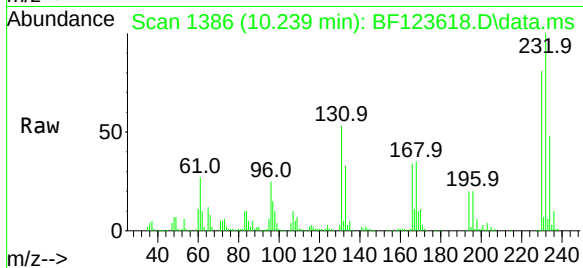




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.20 ng  
RT: 10.239 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

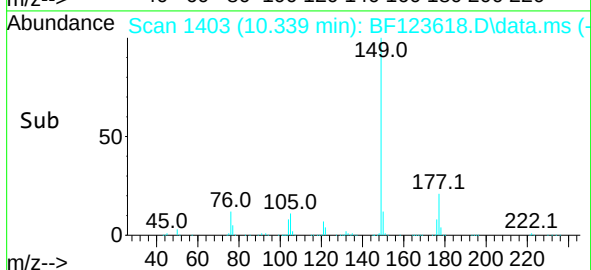
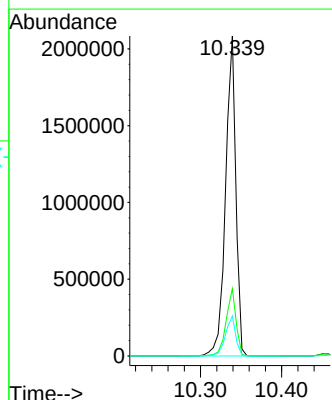
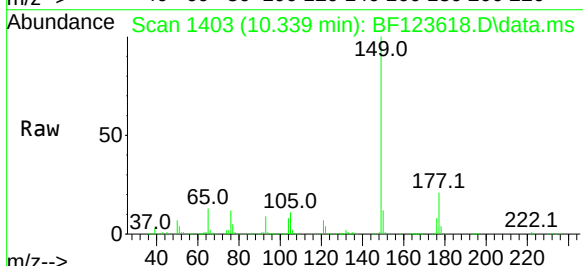
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

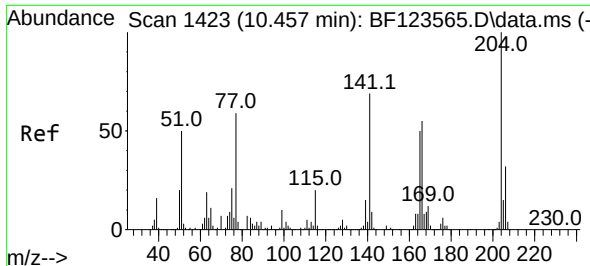
Tgt Ion:232 Resp: 441236  
Ion Ratio Lower Upper  
232 100  
131 52.6 43.2 64.8  
130 2.8 2.2 3.2  
166 33.6 27.3 40.9



#60  
Diethylphthalate  
Concen: 43.38 ng  
RT: 10.339 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:149 Resp: 1842186  
Ion Ratio Lower Upper  
149 100  
177 21.0 15.4 23.2  
150 12.5 9.9 14.9

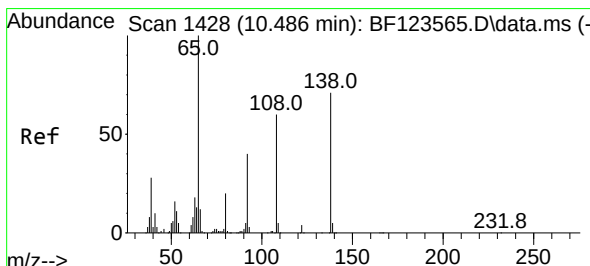
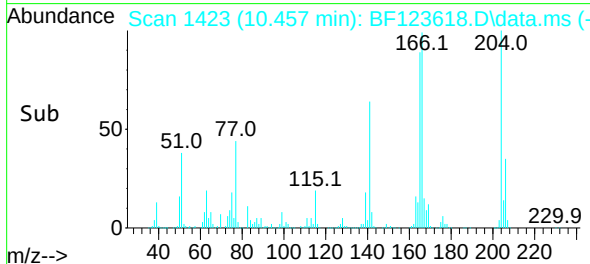
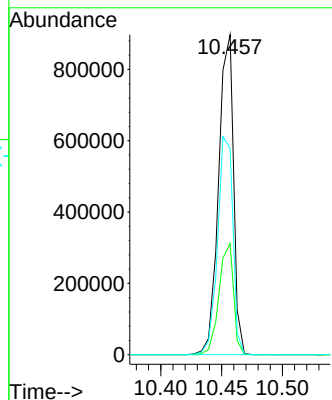
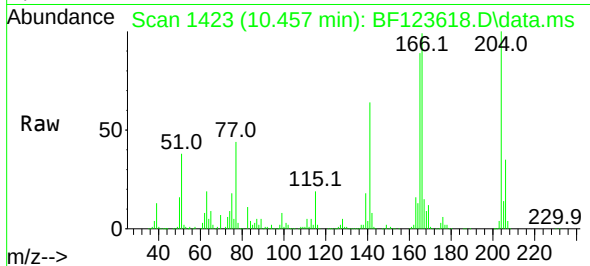




#61  
4-Chlorophenyl-phenylether  
Concen: 42.41 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

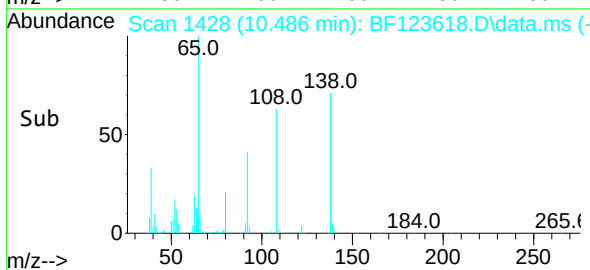
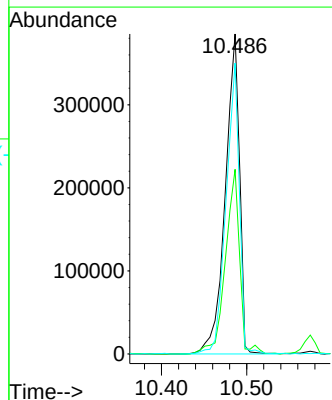
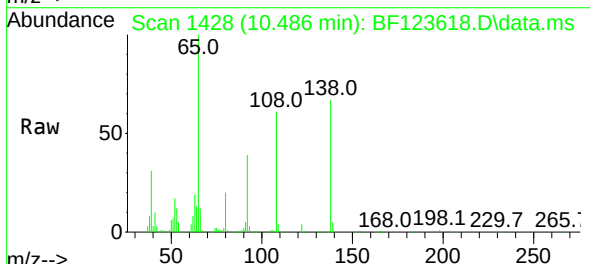
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

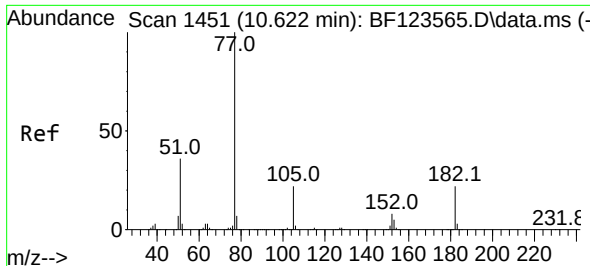
Tgt Ion:204 Resp: 766205  
Ion Ratio Lower Upper  
204 100  
206 34.7 25.7 38.5  
141 64.4 55.5 83.3



#62  
4-Nitroaniline  
Concen: 45.03 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:138 Resp: 449207  
Ion Ratio Lower Upper  
138 100  
92 57.7 35.8 75.8  
108 90.9 63.6 103.6

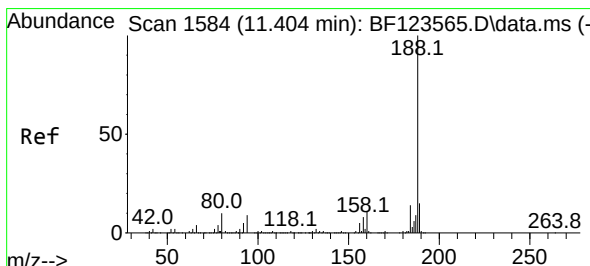
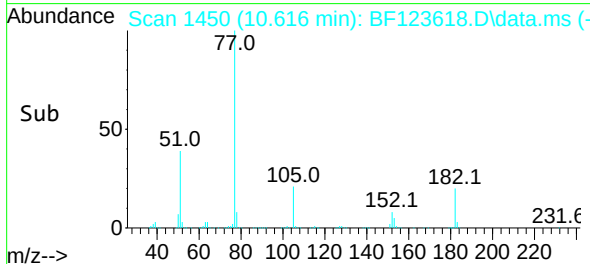
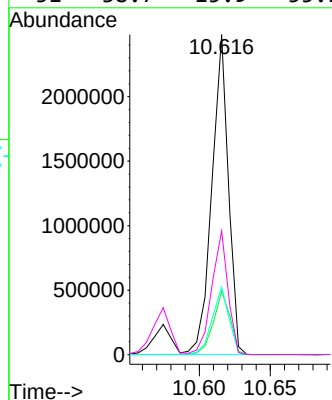
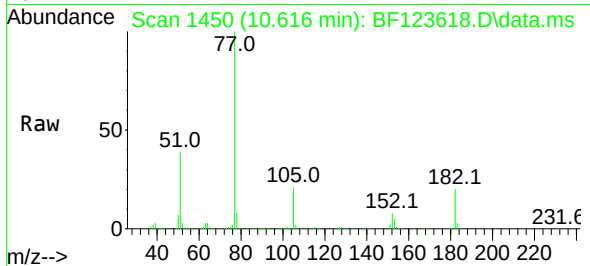




#63  
Azobenzene  
Concen: 41.80 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

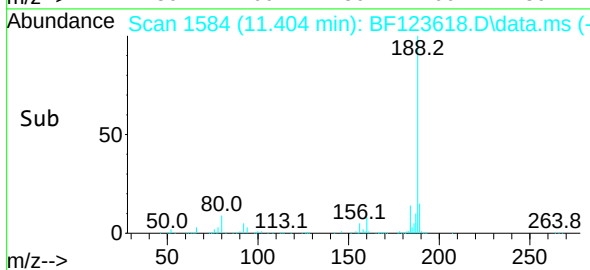
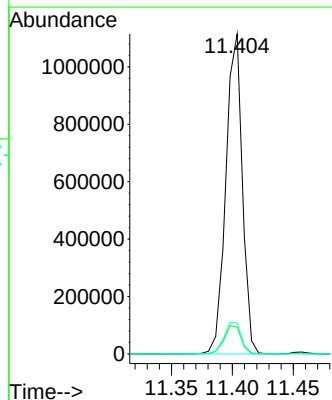
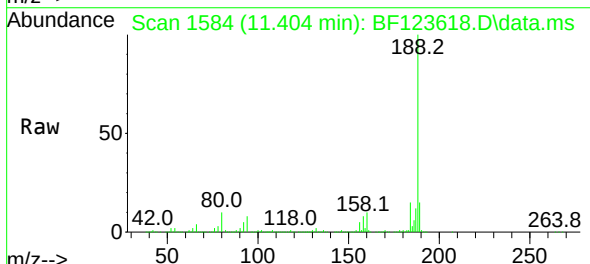
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

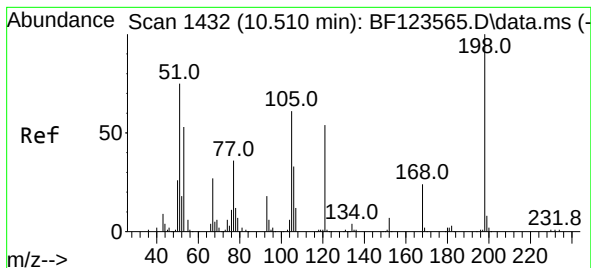
Tgt Ion: 77 Resp: 2011108  
Ion Ratio Lower Upper  
77 100  
182 19.9 1.7 41.7  
105 21.2 1.7 41.7  
51 38.7 15.9 55.9



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion: 188 Resp: 1052436  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.9 10.3  
80 9.6 8.2 12.2

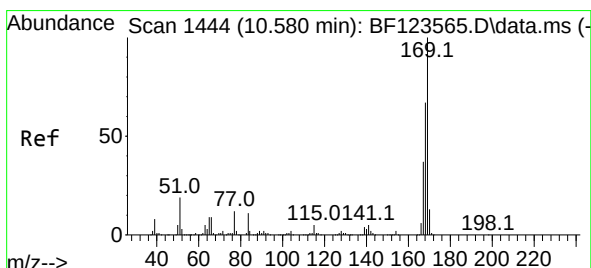
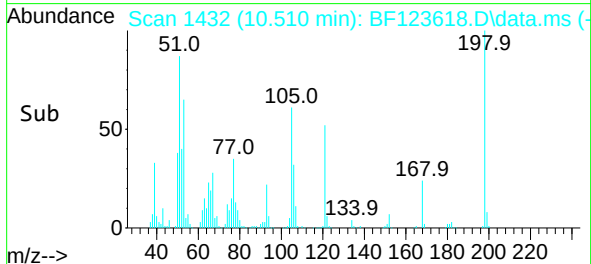
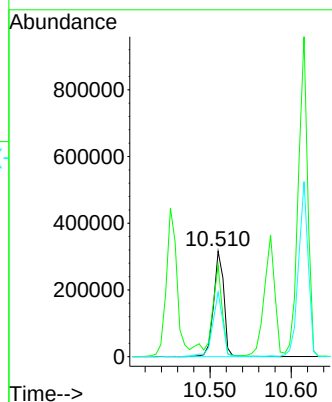
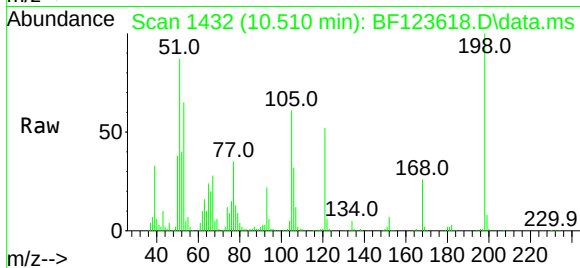




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.32 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

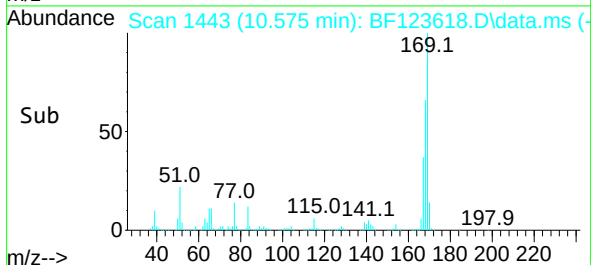
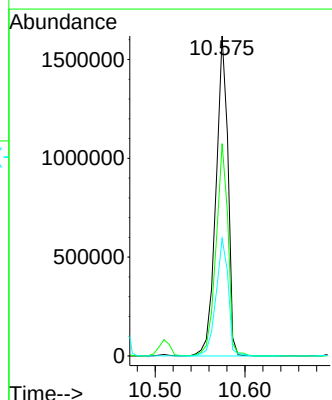
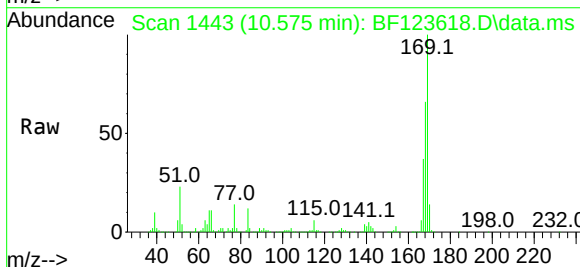
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

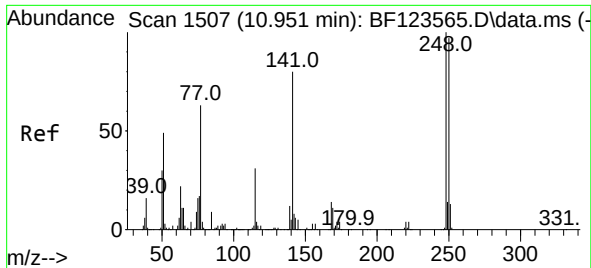
Tgt Ion:198 Resp: 276298  
Ion Ratio Lower Upper  
198 100  
51 86.5 64.8 104.8  
105 61.2 42.6 82.6



#66  
n-Nitrosodiphenylamine  
Concen: 44.47 ng  
RT: 10.575 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:169 Resp: 1498278  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.3 79.9  
167 36.7 29.9 44.9

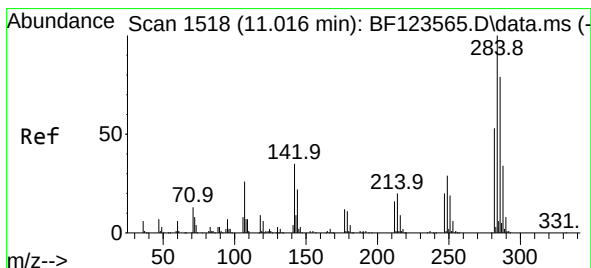
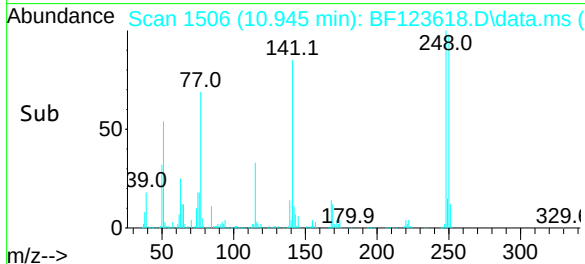
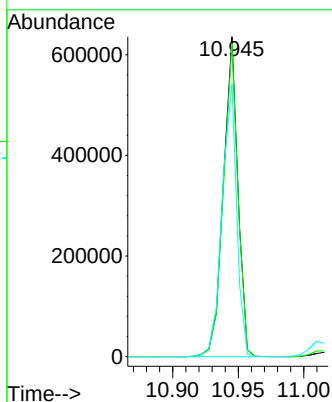
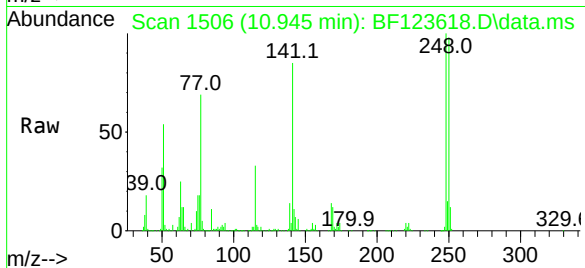




#67  
4-Bromophenyl-phenylether  
Concen: 44.51 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

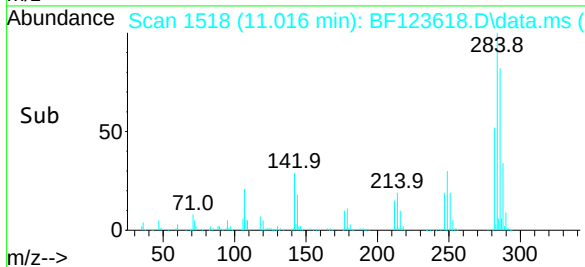
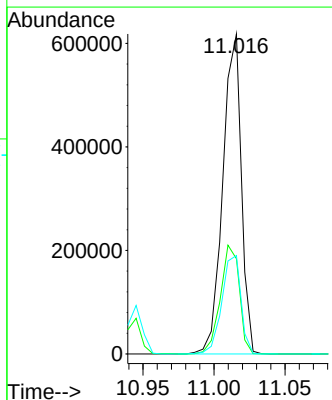
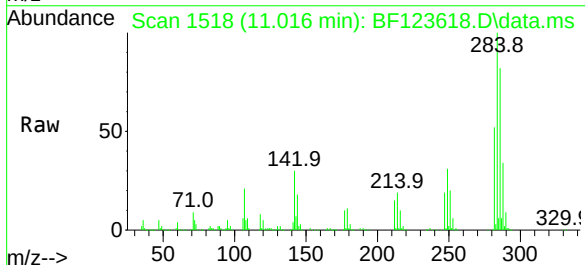
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

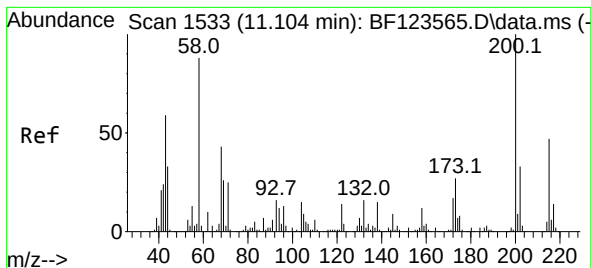
Tgt Ion:248 Resp: 489700  
Ion Ratio Lower Upper  
248 100  
250 97.9 77.4 116.2  
141 85.2 63.7 95.5



#68  
Hexachlorobenzene  
Concen: 45.14 ng  
RT: 11.016 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:284 Resp: 559748  
Ion Ratio Lower Upper  
284 100  
142 29.7 28.3 42.5  
249 30.8 23.5 35.3





#69

Atrazine

Concen: 47.53 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

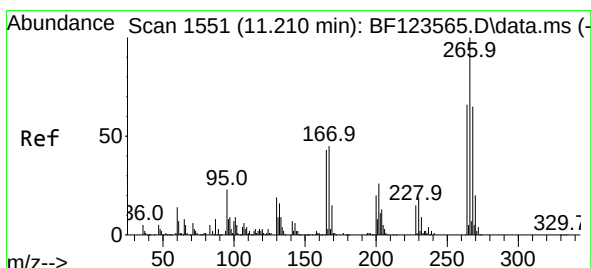
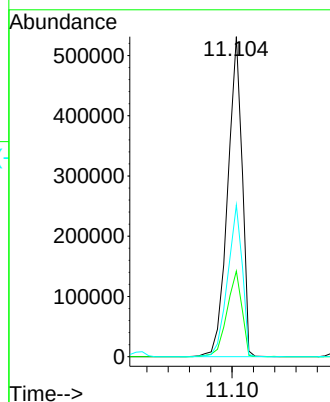
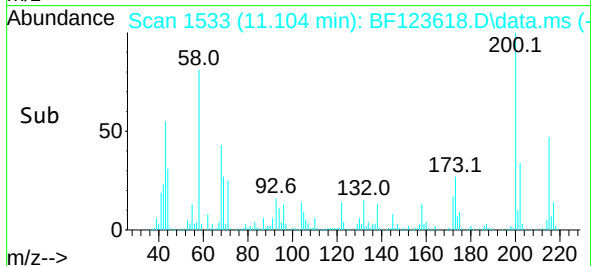
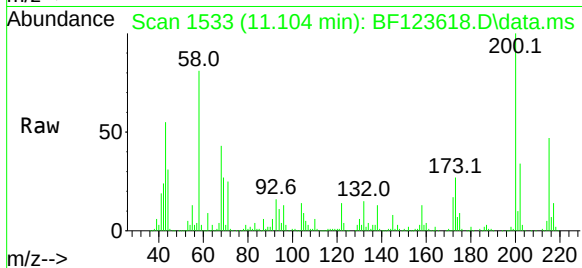
Tgt Ion:200 Resp: 499088

Ion Ratio Lower Upper

200 100

173 26.8 6.9 46.9

215 47.4 26.5 66.5



#70

Pentachlorophenol

Concen: 97.49 ng

RT: 11.210 min Scan# 1551

Delta R.T. 0.000 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

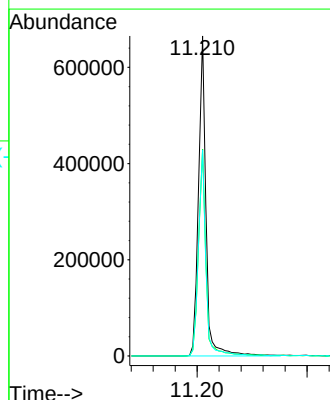
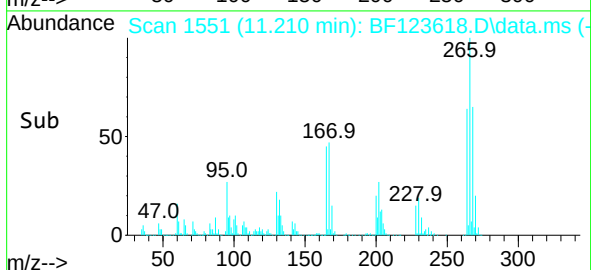
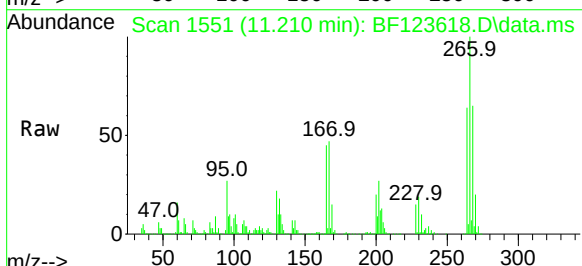
Tgt Ion:266 Resp: 631603

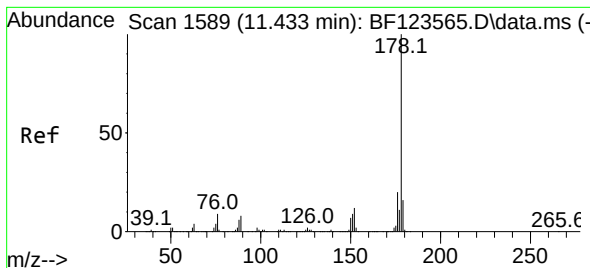
Ion Ratio Lower Upper

266 100

268 64.7 51.6 77.4

264 64.4 52.6 78.8

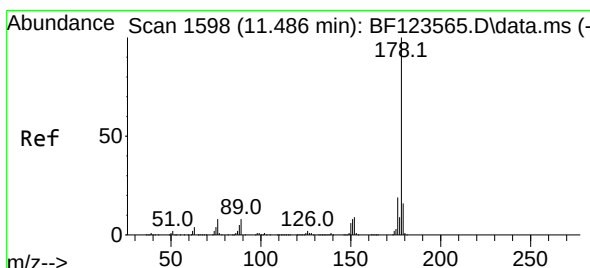
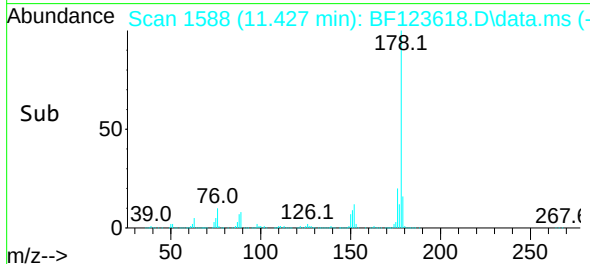
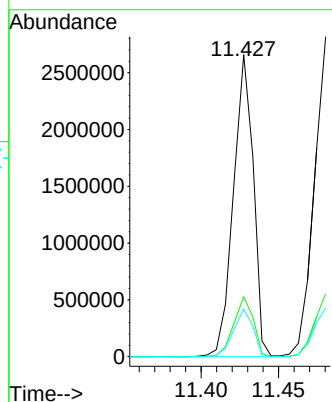
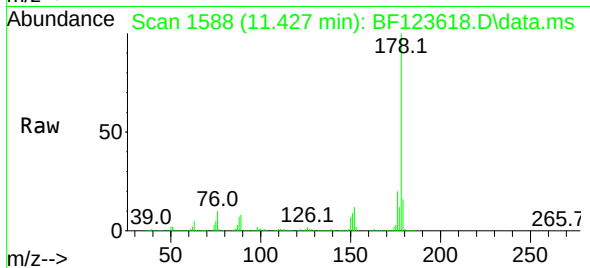




#71  
Phenanthrene  
Concen: 43.19 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

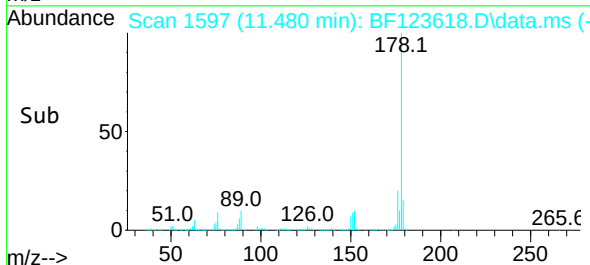
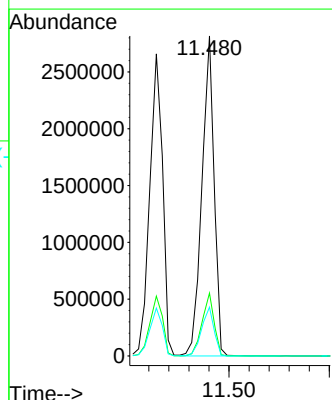
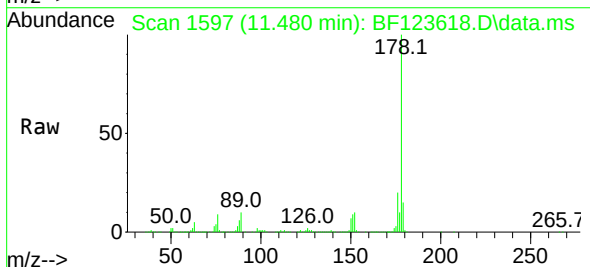
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

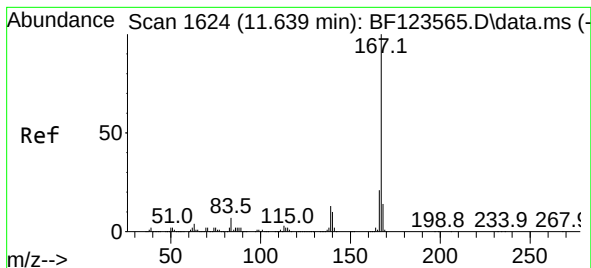
Tgt Ion:178 Resp: 2372106  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.6 23.4  
179 15.8 12.5 18.7



#72  
Anthracene  
Concen: 43.67 ng  
RT: 11.480 min Scan# 1597  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:178 Resp: 2397157  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.0  
179 15.2 12.6 18.8





#73

Carbazole

Concen: 42.44 ng

RT: 11.633 min Scan# 1623

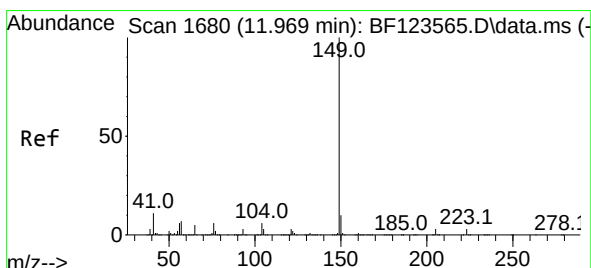
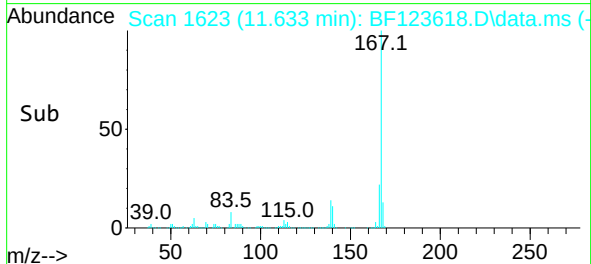
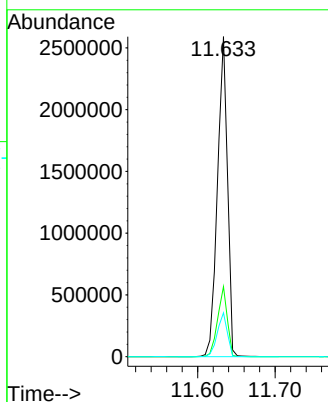
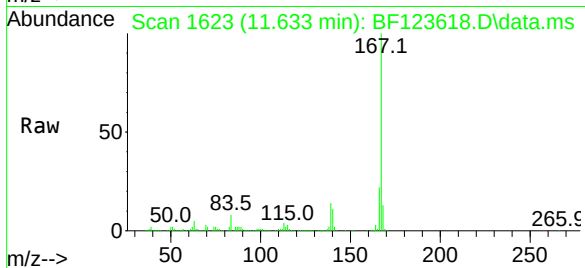
Delta R.T. -0.006 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

Tgt Ion:167 Resp: 2325362

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.0  | 25.6  |
| 139 | 13.7  | 10.4  | 15.6  |



#74

Di-n-butylphthalate

Concen: 41.87 ng

RT: 11.963 min Scan# 1679

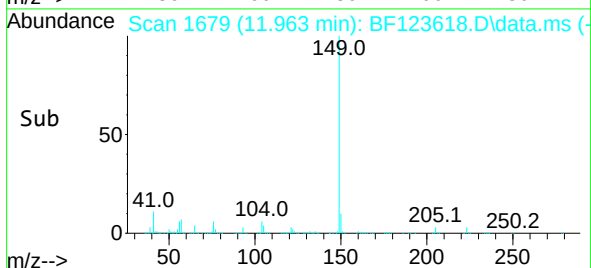
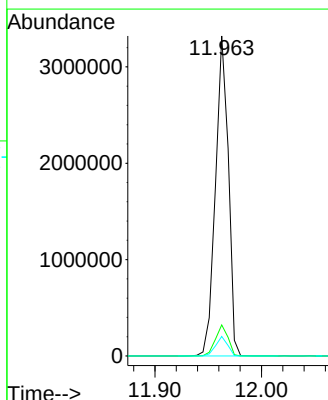
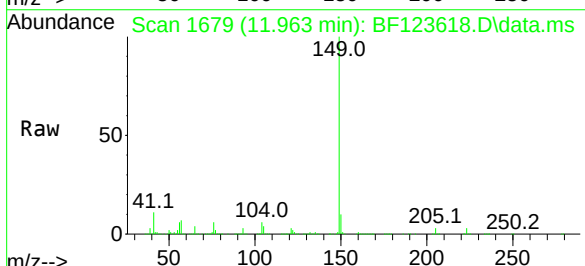
Delta R.T. -0.006 min

Lab File: BF123618.D

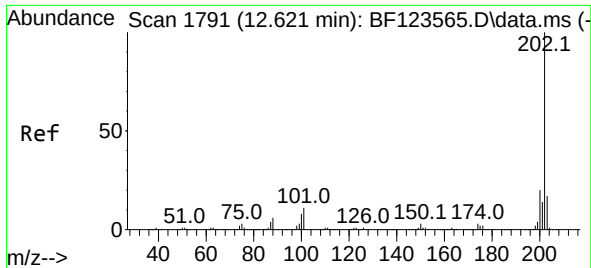
Acq: 19 Apr 2021 12:38

Tgt Ion:149 Resp: 2776512

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.7   | 7.8   | 11.8  |
| 104 | 6.1   | 4.6   | 6.8   |



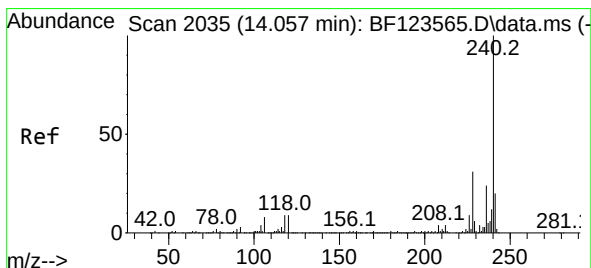
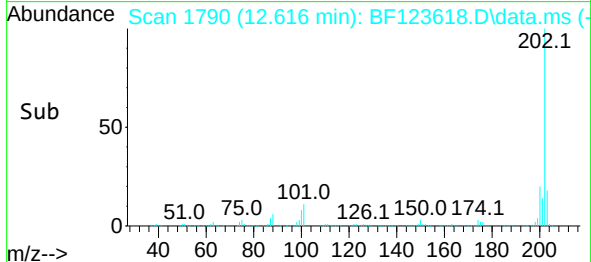
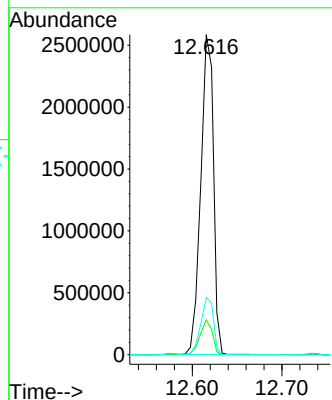
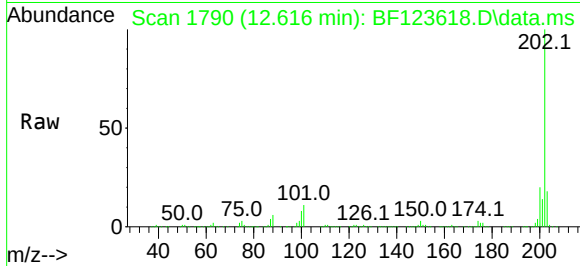




#75  
Fluoranthene  
Concen: 42.03 ng  
RT: 12.616 min Scan# 1790  
Delta R.T. -0.012 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

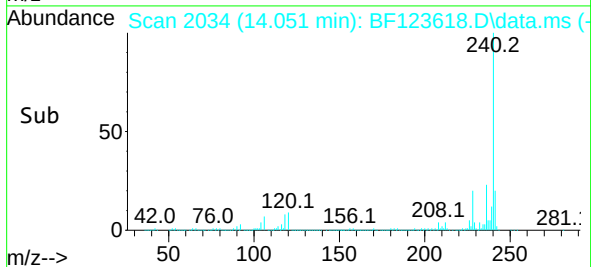
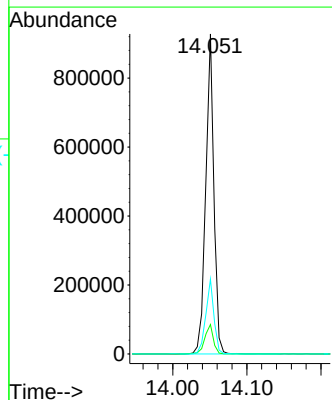
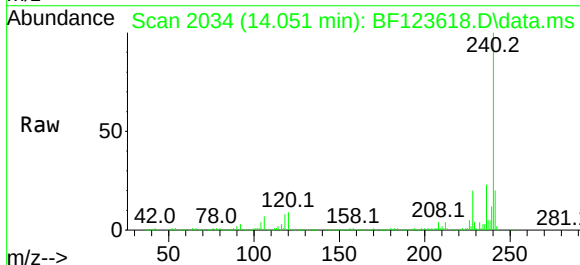
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

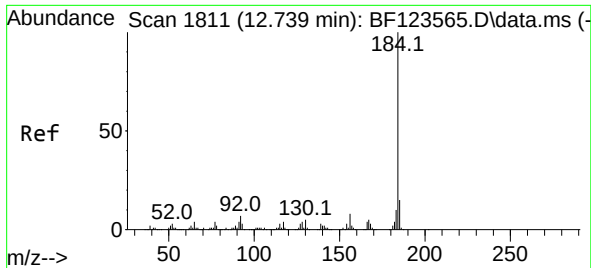
Tgt Ion:202 Resp: 2537413  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 30.9  
203 17.8 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:240 Resp: 711084  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.2 10.8  
236 23.4 19.0 28.4

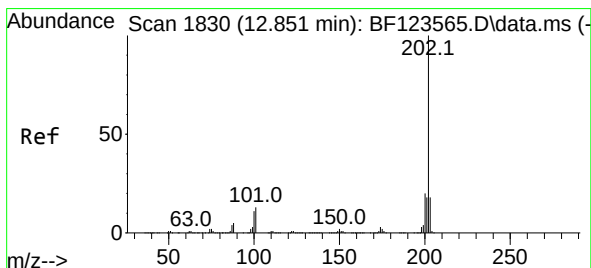
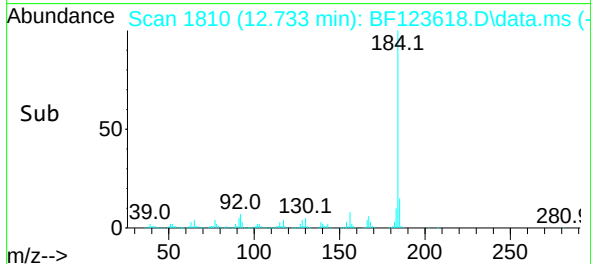
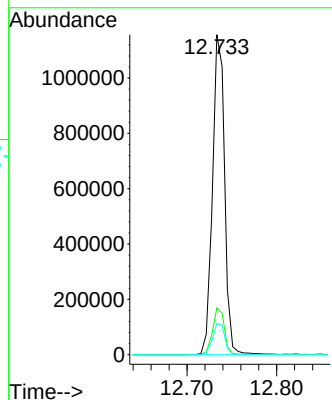
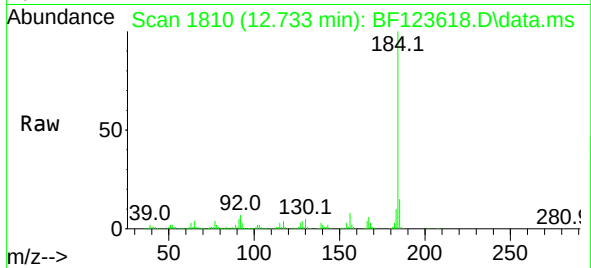




#77  
Benzidine  
Concen: 56.03 ng  
RT: 12.733 min Scan# 1810  
Delta R.T. -0.012 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

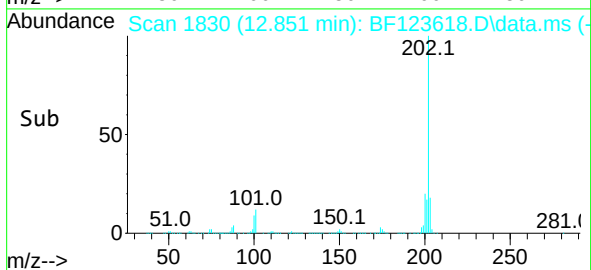
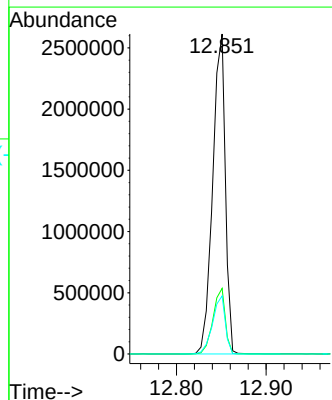
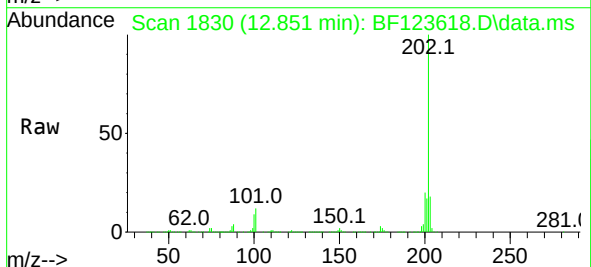
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

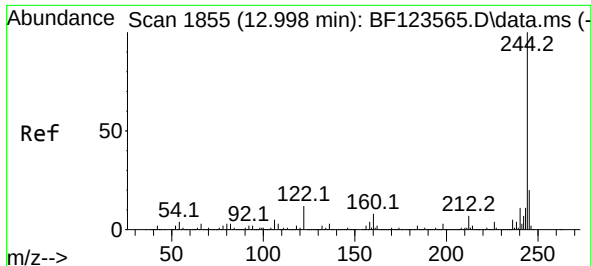
Tgt Ion:184 Resp: 1083103  
Ion Ratio Lower Upper  
184 100  
185 14.6 12.1 18.1  
183 9.8 7.8 11.8



#78  
Pyrene  
Concen: 49.35 ng  
RT: 12.851 min Scan# 1830  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:202 Resp: 2561087  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.1 24.1  
203 18.1 14.8 22.2

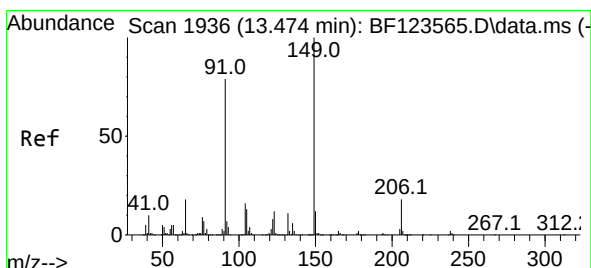
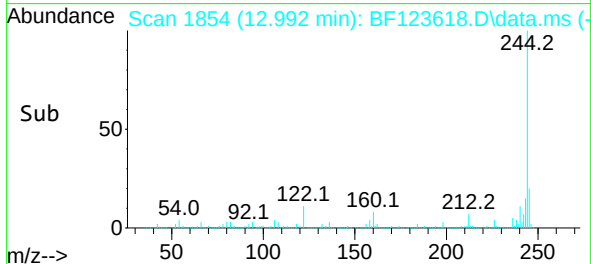
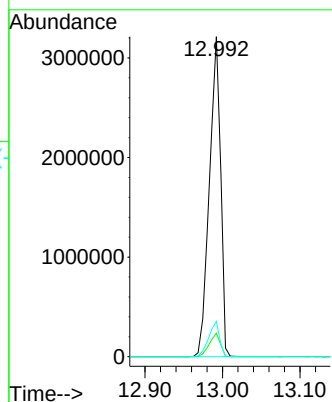
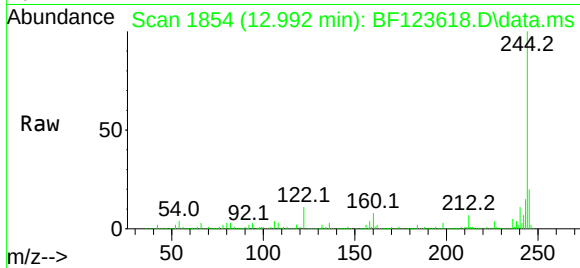




#79  
 Terphenyl-d14  
 Concen: 88.23 ng  
 RT: 12.992 min Scan# 1854  
 Delta R.T. -0.006 min  
 Lab File: BF123618.D  
 Acq: 19 Apr 2021 12:38

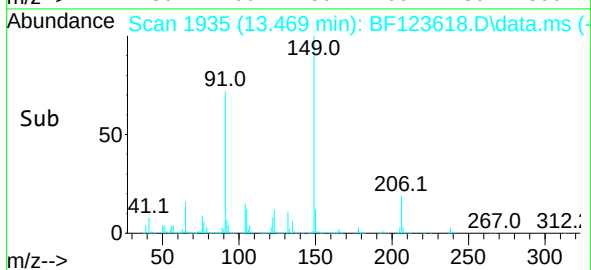
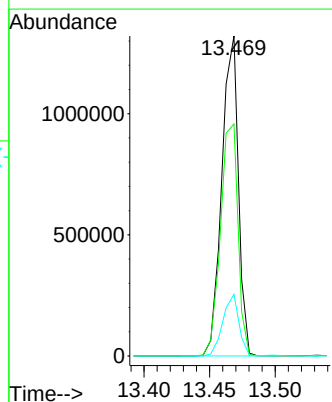
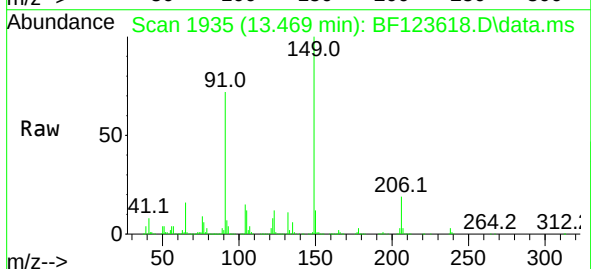
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB135807BS

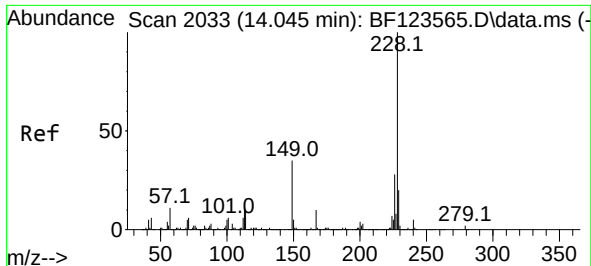
Tgt Ion:244 Resp: 3227931  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.7 8.5  
 122 11.1 9.7 14.5



#80  
 Butylbenzylphthalate  
 Concen: 47.49 ng  
 RT: 13.469 min Scan# 1935  
 Delta R.T. -0.006 min  
 Lab File: BF123618.D  
 Acq: 19 Apr 2021 12:38

Tgt Ion:149 Resp: 1157997  
 Ion Ratio Lower Upper  
 149 100  
 91 72.5 63.6 95.4  
 206 19.2 14.5 21.7

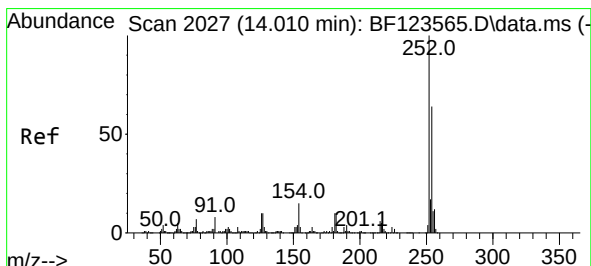
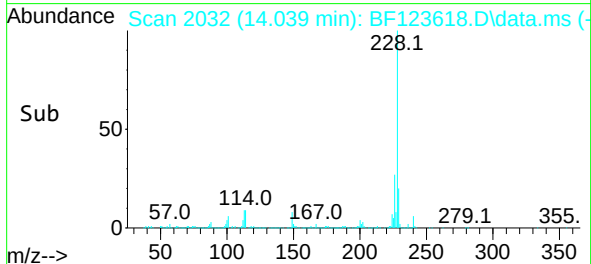
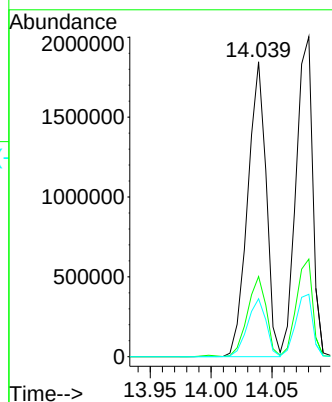
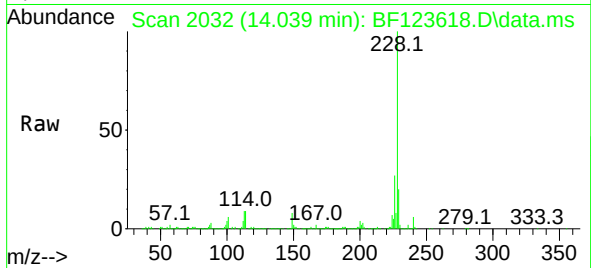




#81  
Benzo(a)anthracene  
Concen: 44.68 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

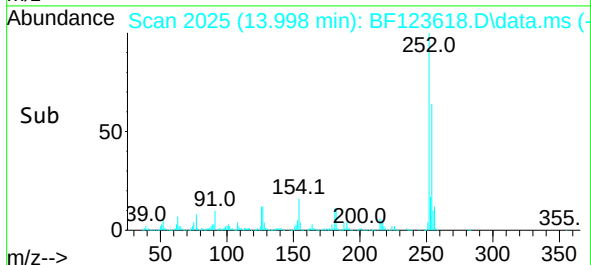
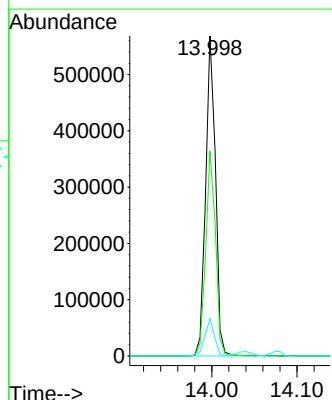
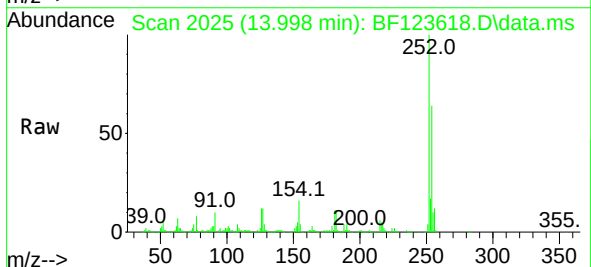
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

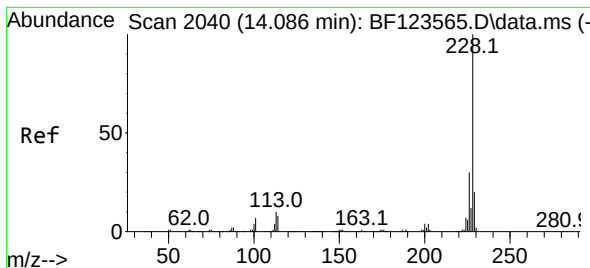
Tgt Ion:228 Resp: 1946982  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.4 33.6  
229 19.7 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 32.60 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.012 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:252 Resp: 453739  
Ion Ratio Lower Upper  
252 100  
254 64.0 51.1 76.7  
126 11.7 7.7 11.5#





#83

Chrysene

Concen: 43.53 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

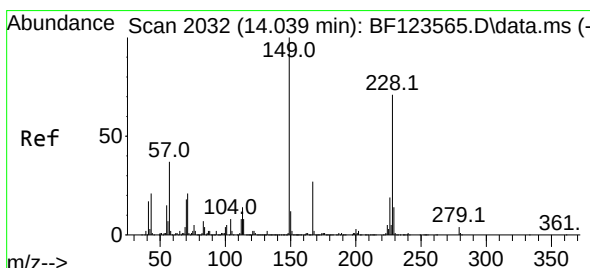
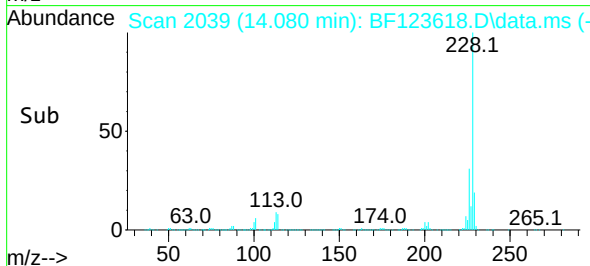
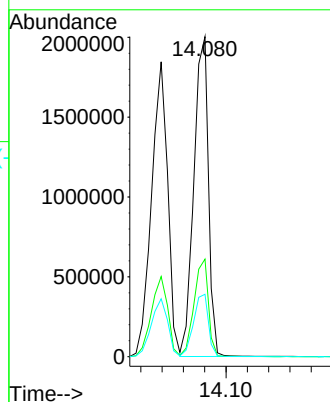
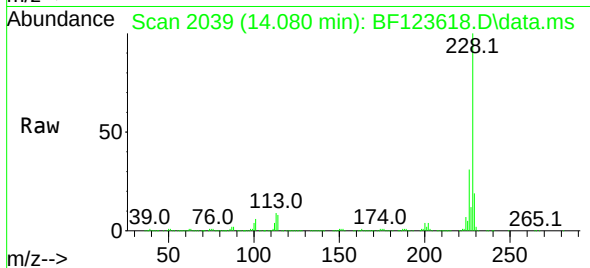
Tgt Ion:228 Resp: 1904797

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.5 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.14 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

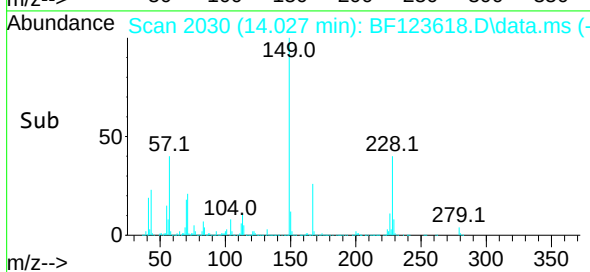
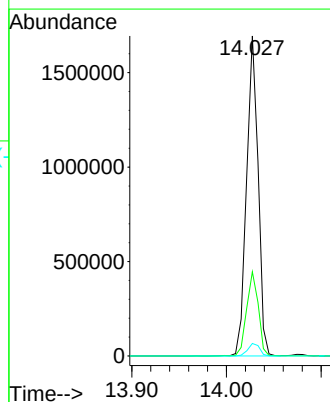
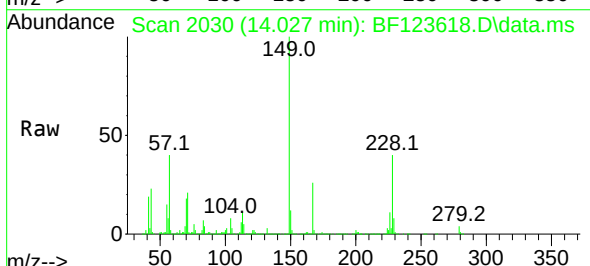
Tgt Ion:149 Resp: 1431453

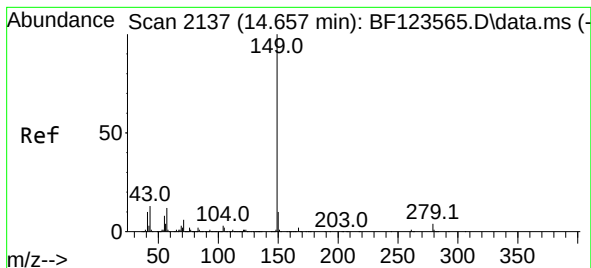
Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.6

279 3.9 3.3 4.9

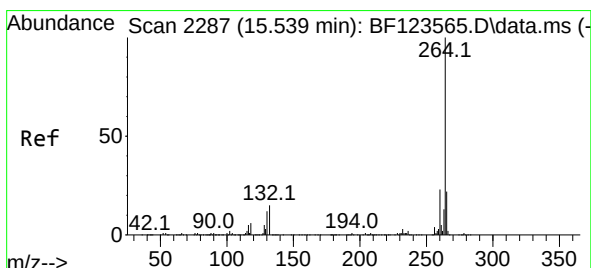
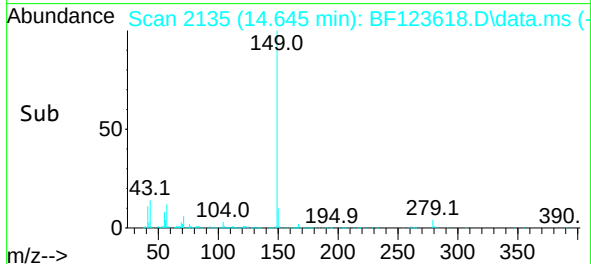
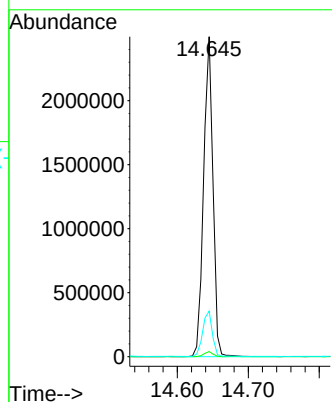
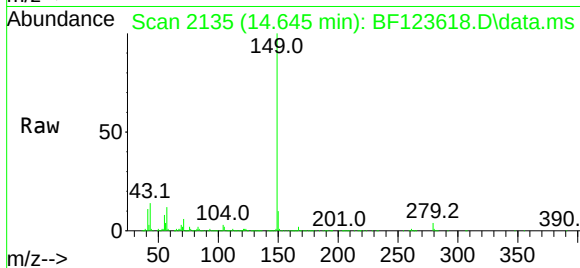




#85  
Di-n-octyl phthalate  
Concen: 43.89 ng  
RT: 14.645 min Scan# 2135  
Delta R.T. -0.012 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

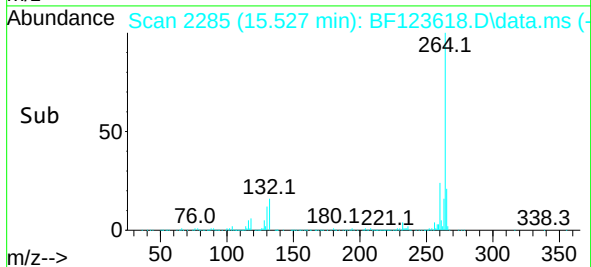
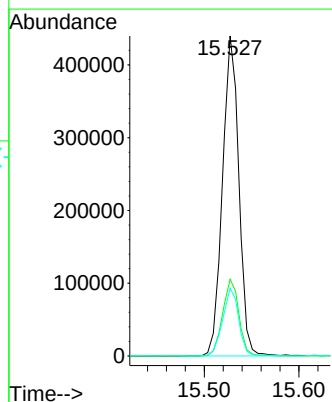
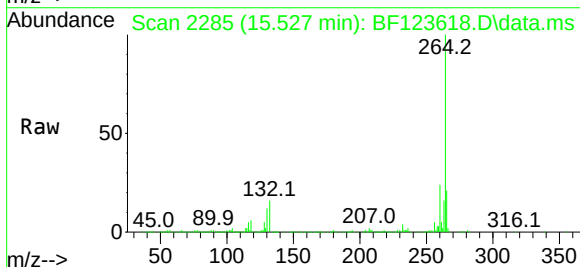
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

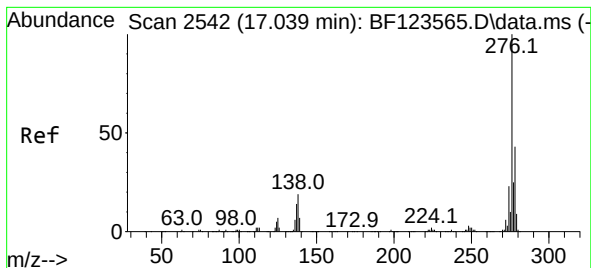
Tgt Ion:149 Resp: 2290431  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 14.7 11.8 17.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.527 min Scan# 2285  
Delta R.T. -0.012 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:264 Resp: 529162  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.7 28.1  
265 21.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.42 ng

RT: 17.021 min Scan# 2539

Delta R.T. -0.018 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

Tgt Ion:276 Resp: 1564631

Ion Ratio Lower Upper

276 100

138 21.0 16.2 24.2

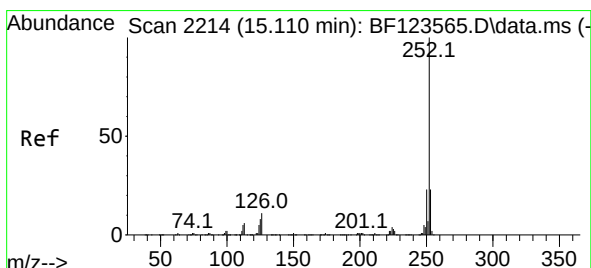
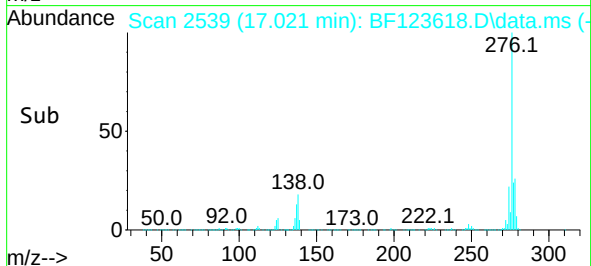
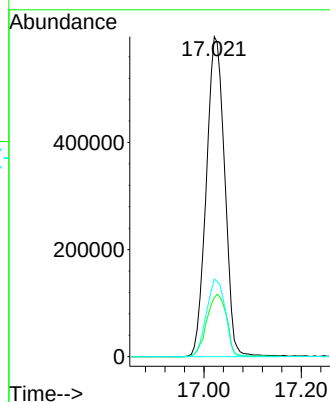
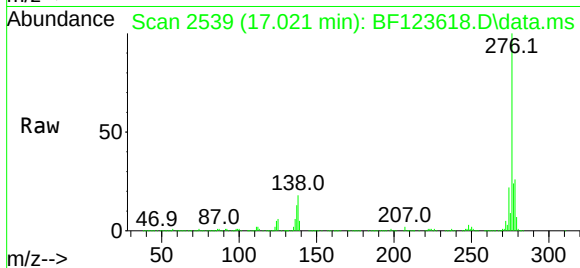
277 24.8 20.1 30.1

Instrument :

BNA\_F

ClientSampleId :

PB135807BS



#88

Benzo(b)fluoranthene

Concen: 43.05 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF123618.D

Acq: 19 Apr 2021 12:38

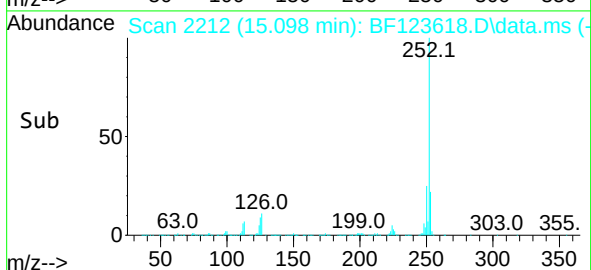
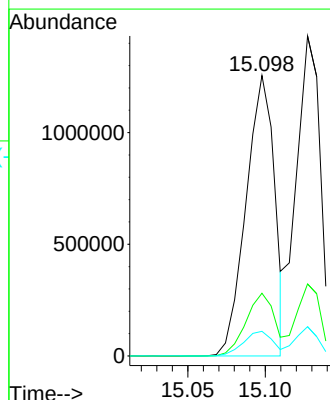
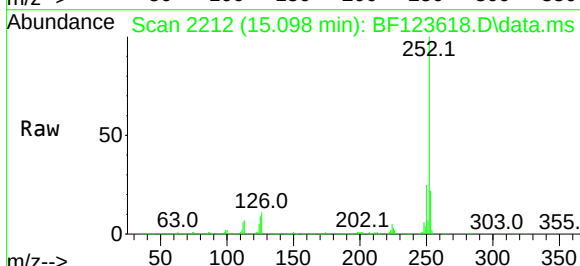
Tgt Ion:252 Resp: 1608371

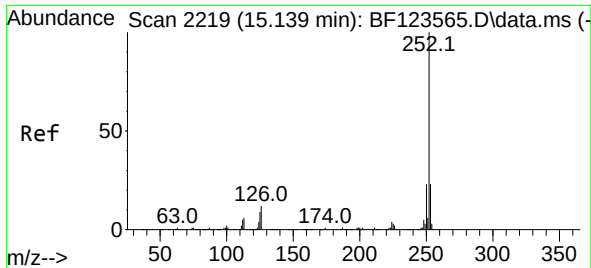
Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 8.8 6.2 9.4

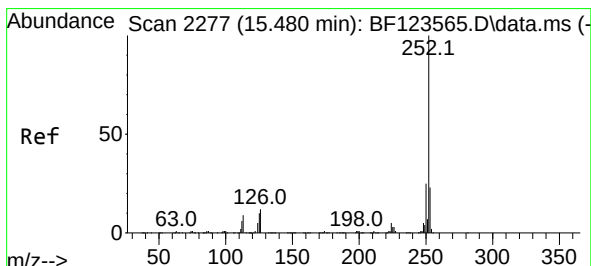
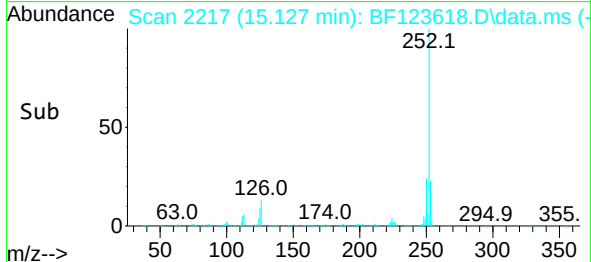
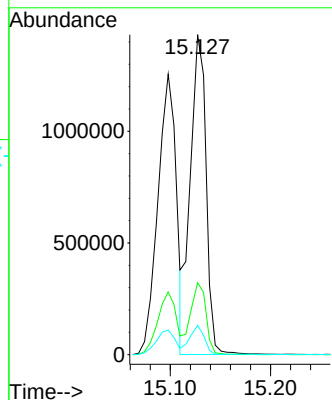
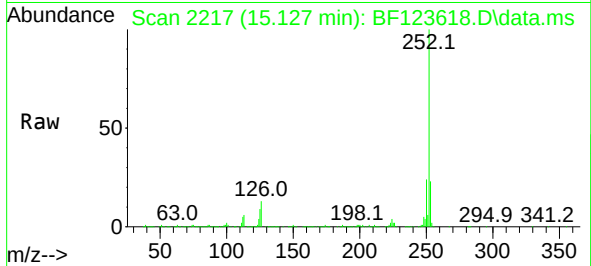




#89  
Benzo(k)fluoranthene  
Concen: 46.72 ng  
RT: 15.127 min Scan# 2217  
Delta R.T. -0.012 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

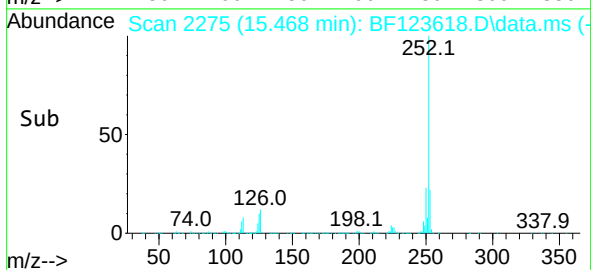
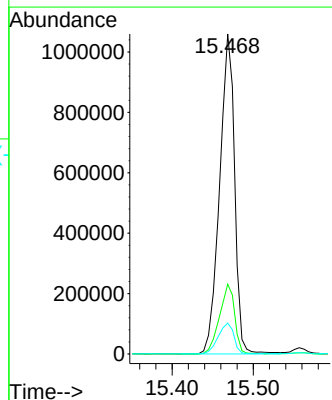
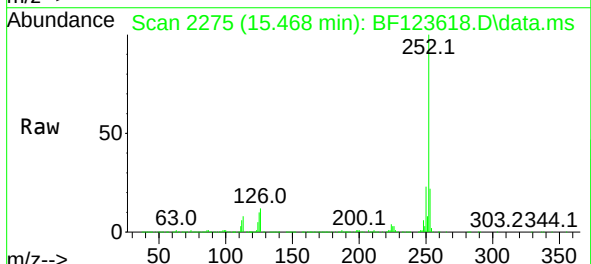
Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

Tgt Ion:252 Resp: 1561362  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.9 26.9  
125 9.1 7.0 10.6

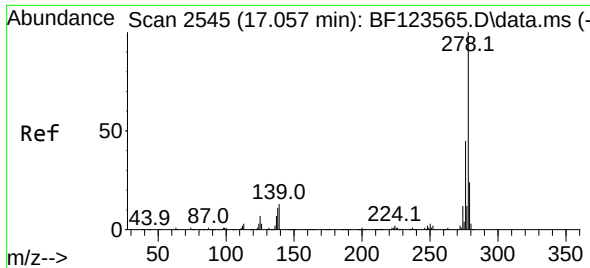


#90  
Benzo(a)pyrene  
Concen: 45.88 ng  
RT: 15.468 min Scan# 2275  
Delta R.T. -0.012 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:252 Resp: 1363559  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.4 27.6  
125 9.7 8.0 12.0



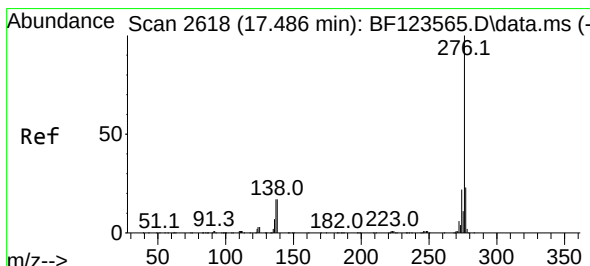
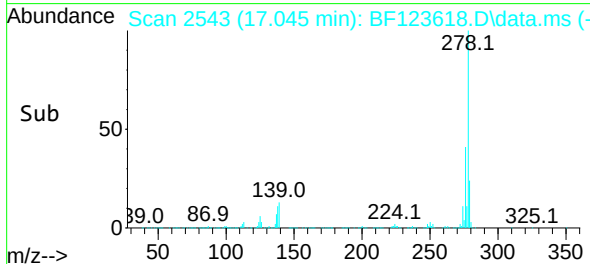
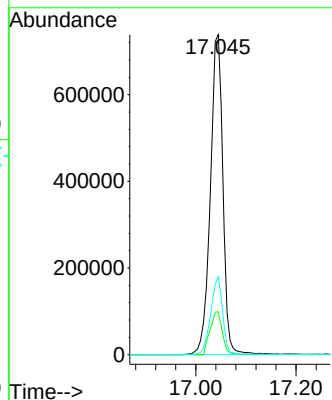
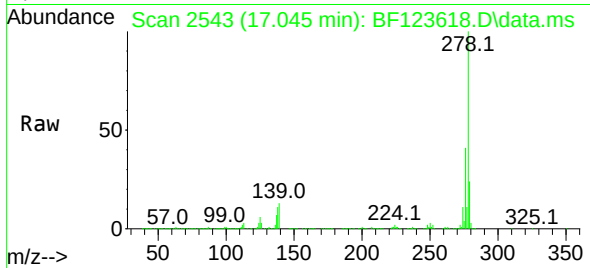




#91  
Dibenzo(a,h)anthracene  
Concen: 53.92 ng  
RT: 17.045 min Scan# 2543  
Delta R.T. -0.012 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB135807BS

Tgt Ion:278 Resp: 1287666  
Ion Ratio Lower Upper  
278 100  
139 13.4 10.2 15.2  
279 24.3 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 54.81 ng  
RT: 17.480 min Scan# 2617  
Delta R.T. -0.006 min  
Lab File: BF123618.D  
Acq: 19 Apr 2021 12:38

Tgt Ion:276 Resp: 1332783  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.2 27.2  
138 19.1 13.8 20.6

