

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020421\  
 Data File : BF123117.D  
 Acq On : 4 Feb 2021 17:04  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Feb 04 17:36:30 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 29 12:29:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 256411   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 931589   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.945  | 164  | 484031   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.433 | 188  | 873935   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.092 | 240  | 672863   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.574 | 264  | 600511   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1308202  | 78.70 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.528  | 99   | 1715790  | 76.15 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 1554187  | 83.96 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.739 | 330  | 487316   | 92.74 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 2633516  | 80.88 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 3062042  | 89.41 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 312275   | 37.76 | ng    | 95       |
| 3) Pyridine                   | 3.446  | 79   | 828349   | 37.45 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.393  | 42   | 340842   | 36.62 | ng    | 97       |
| 6) Aniline                    | 6.563  | 93   | 1050182  | 37.87 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.686  | 128  | 724169   | 40.19 | ng    | 99       |
| 9) Benzaldehyde               | 6.445  | 77   | 416859   | 40.47 | ng    | 97       |
| 10) Phenol                    | 6.539  | 94   | 915722   | 40.98 | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 704103   | 37.86 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.839  | 146  | 827415   | 39.38 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.916  | 146  | 836424   | 38.22 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 770691   | 37.64 | ng    | 97       |
| 15) Benzyl Alcohol            | 7.039  | 79   | 639646   | 40.49 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 1068425  | 37.26 | ng    | 98       |
| 17) 2-Methylphenol            | 7.151  | 107  | 604633   | 39.44 | ng    | 98       |
| 18) Hexachloroethane          | 7.416  | 117  | 317690   | 41.45 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 508034   | 37.50 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.304  | 107  | 716319   | 39.67 | ng    | 92       |
| 22) Acetophenone              | 7.310  | 105  | 934502   | 38.50 | ng    | # 98     |
| 24) Nitrobenzene              | 7.481  | 77   | 779807   | 40.89 | ng    | 97       |
| 25) Isophorone                | 7.722  | 82   | 1328381  | 39.18 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.798  | 139  | 385981   | 48.94 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.833  | 122  | 563126   | 39.57 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 903119   | 39.04 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 627251   | 42.15 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 696032   | 41.52 | ng    | 99       |
| 31) Naphthalene               | 8.204  | 128  | 2046826  | 40.06 | ng    | 99       |
| 32) Benzoic acid              | 7.957  | 122  | 516627   | 45.37 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 875077   | 38.59 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 416865   | 43.04 | ng    | 99       |
| 35) Caprolactam               | 8.633  | 113  | 204595   | 40.68 | ng    | 88       |
| 36) 4-Chloro-3-methylphenol   | 8.733  | 107  | 647956   | 41.87 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 1341077  | 39.53 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 1266737  | 39.44 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 644380   | 42.79 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 331519   | 46.38 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 461403   | 44.70 | ng    | 98       |

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 ALS Vial : 2 Sample Multiplier: 1

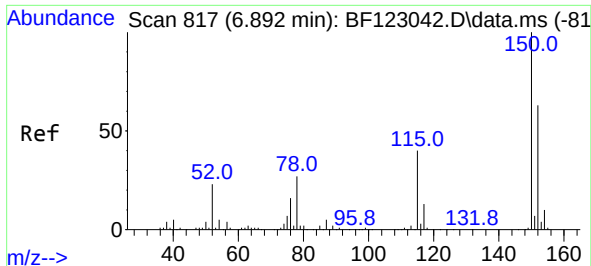
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Feb 04 17:36:30 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 29 12:29:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.216  | 196  | 477712   | 44.25 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 1603441  | 40.39 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.392  | 162  | 1359597  | 40.91 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.480  | 65   | 444765   | 44.15 | ng    | 87       |
| 49) Acenaphthylene            | 9.804  | 152  | 1946944  | 40.03 | ng    | 99       |
| 50) Dimethylphthalate         | 9.663  | 163  | 1559232  | 41.06 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 354682   | 43.84 | ng    | # 87     |
| 52) Acenaphthene              | 9.980  | 154  | 1282099  | 41.03 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.898  | 138  | 397681   | 41.57 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 181833   | 51.79 | ng    | 97       |
| 55) Dibenzofuran              | 10.151 | 168  | 1756087  | 38.62 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 303264   | 43.86 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.127 | 165  | 465909   | 44.29 | ng    | 98       |
| 58) Fluorene                  | 10.492 | 166  | 1349554  | 37.16 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.269 | 232  | 404648   | 44.20 | ng    | 96       |
| 60) Diethylphthalate          | 10.363 | 149  | 1532478  | 41.04 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204  | 682043   | 39.97 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 403697   | 42.00 | ng    | 99       |
| 63) Azobenzene                | 10.645 | 77   | 1422274  | 38.92 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198  | 230669   | 47.84 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.604 | 169  | 1233111  | 39.15 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.980 | 248  | 464482   | 41.73 | ng    | 90       |
| 68) Hexachlorobenzene         | 11.045 | 284  | 507886   | 42.54 | ng    | 96       |
| 69) Atrazine                  | 11.133 | 200  | 353142   | 40.60 | ng    | 99       |
| 70) Pentachlorophenol         | 11.239 | 266  | 307020   | 47.45 | ng    | 99       |
| 71) Phenanthrene              | 11.463 | 178  | 2040369  | 37.59 | ng    | 100      |
| 72) Anthracene                | 11.516 | 178  | 2028073  | 38.95 | ng    | 100      |
| 73) Carbazole                 | 11.663 | 167  | 1853178  | 38.35 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.998 | 149  | 2337617  | 40.80 | ng    | 99       |
| 75) Fluoranthene              | 12.657 | 202  | 2094640  | 38.61 | ng    | 99       |
| 77) Benzidine                 | 12.774 | 184  | 1369098  | 89.92 | ng    | 99       |
| 78) Pyrene                    | 12.886 | 202  | 2100456  | 41.35 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.504 | 149  | 1007880  | 46.11 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.080 | 228  | 1875747  | 41.19 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.039 | 252  | 675016   | 47.10 | ng    | 97       |
| 83) Chrysene                  | 14.115 | 228  | 1818806  | 39.91 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.068 | 149  | 1328315  | 45.74 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 14.680 | 149  | 2194152  | 44.98 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.086 | 276  | 1704789  | 42.63 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.145 | 252  | 1790666  | 41.31 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.174 | 252  | 1680833  | 41.73 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.515 | 252  | 1596961  | 41.95 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.109 | 278  | 1412520  | 42.91 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.551 | 276  | 1351178  | 42.36 | ng    | 99       |

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

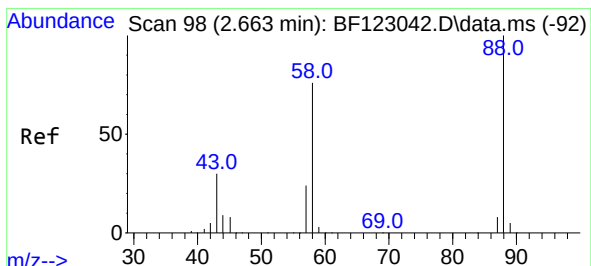
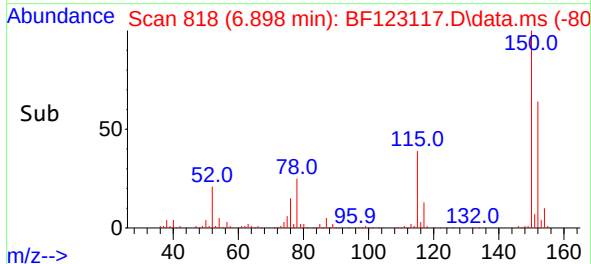
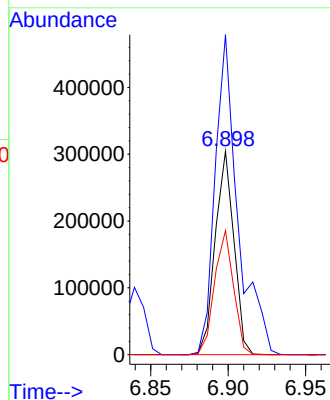
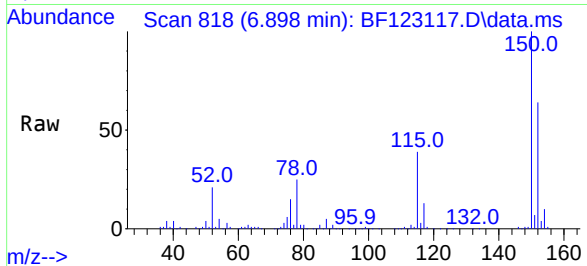




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

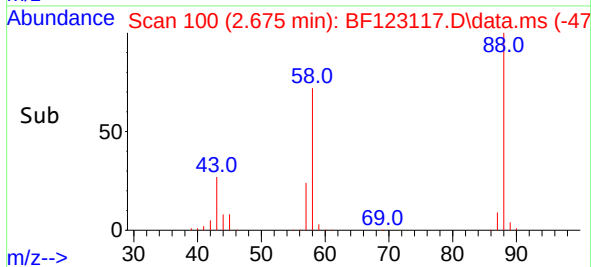
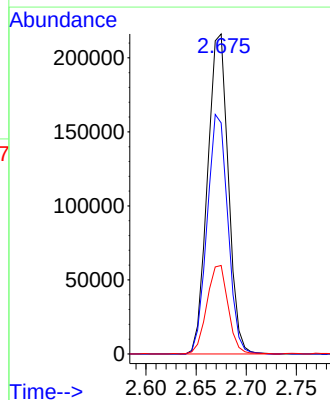
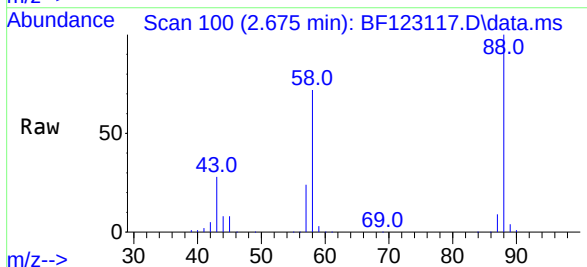
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

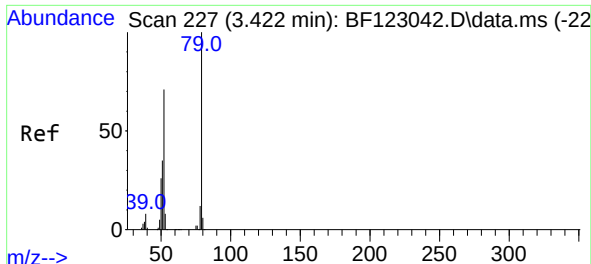
Tgt Ion:152 Resp: 256411  
Ion Ratio Lower Upper  
152 100  
150 157.3 125.8 188.6  
115 61.1 49.3 73.9



#2  
1,4-Dioxane  
Concen: 37.76 ng  
RT: 2.675 min Scan# 100  
Delta R.T. 0.012 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion: 88 Resp: 312275  
Ion Ratio Lower Upper  
88 100  
58 74.7 56.2 84.2  
43 28.4 21.8 32.6

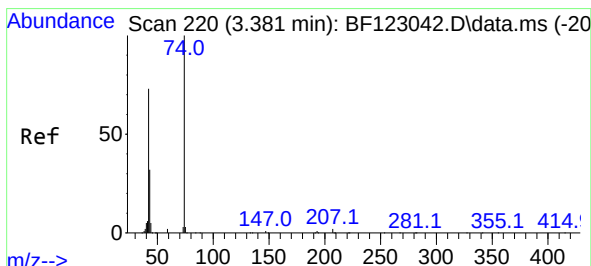
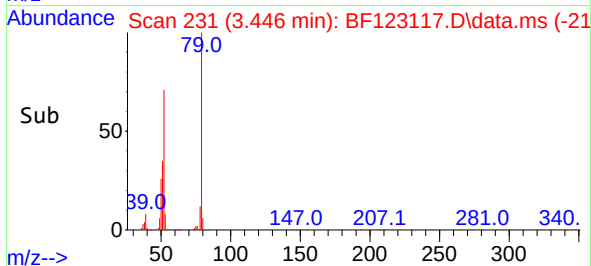
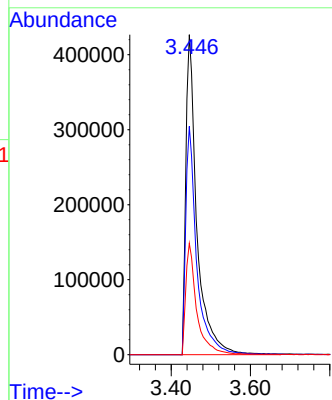
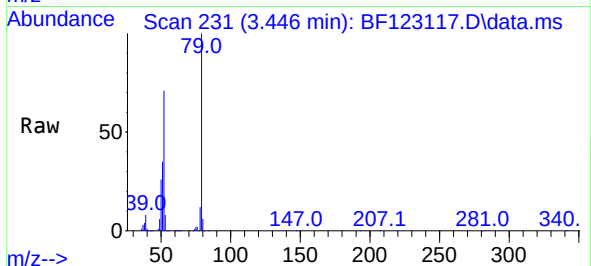




#3  
Pyridine  
Concen: 37.45 ng  
RT: 3.446 min Scan# 231  
Delta R.T. 0.023 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

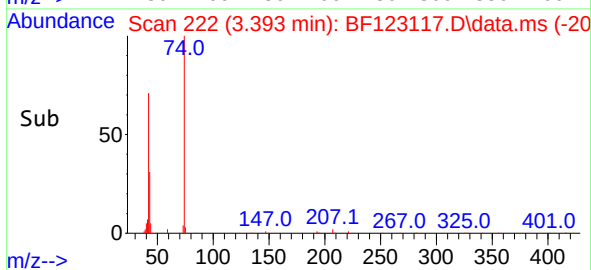
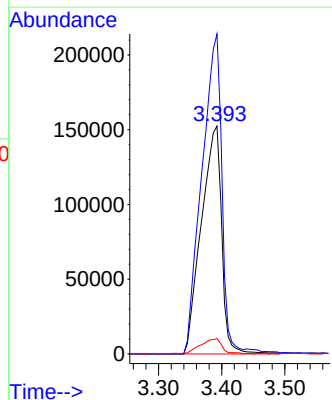
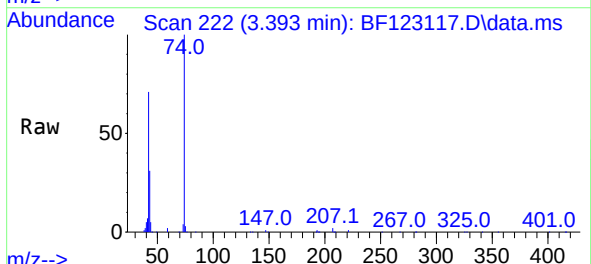
Instrument :  
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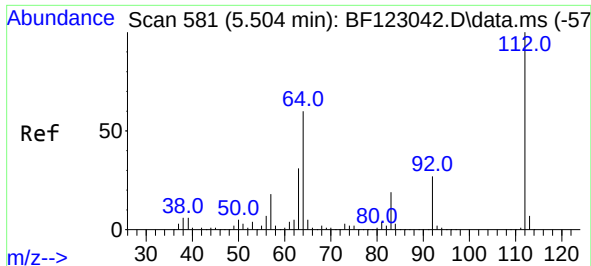
Tgt Ion: 79 Resp: 828349  
Ion Ratio Lower Upper  
79 100  
52 71.4 53.0 79.4  
51 34.8 26.6 39.8



#4  
n-Nitrosodimethylamine  
Concen: 36.62 ng  
RT: 3.393 min Scan# 222  
Delta R.T. 0.012 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion: 42 Resp: 340842  
Ion Ratio Lower Upper  
42 100  
74 140.4 115.2 172.8  
44 6.7 5.4 8.0

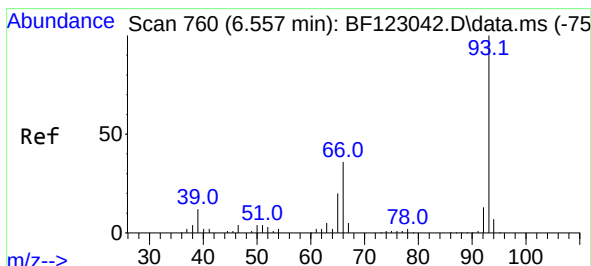
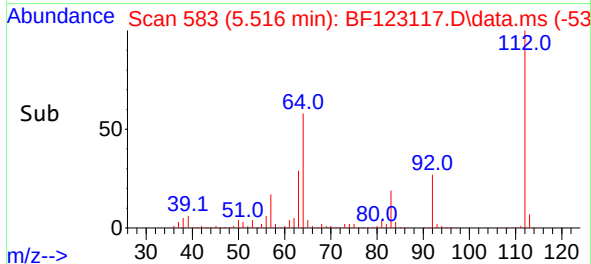
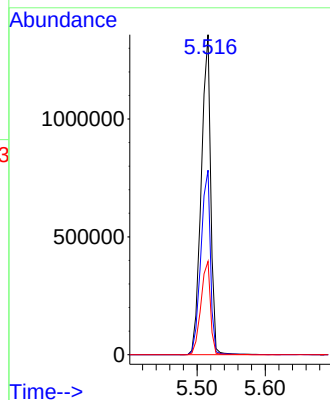
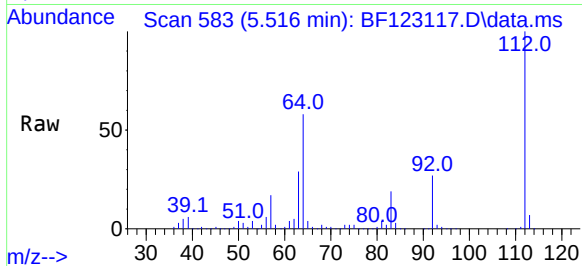




#5  
2-Fluorophenol  
Concen: 78.70 ng  
RT: 5.516 min Scan# 583  
Delta R.T. 0.012 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

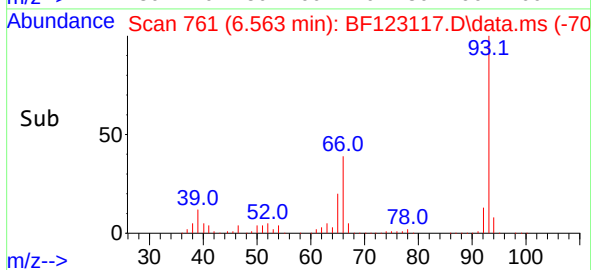
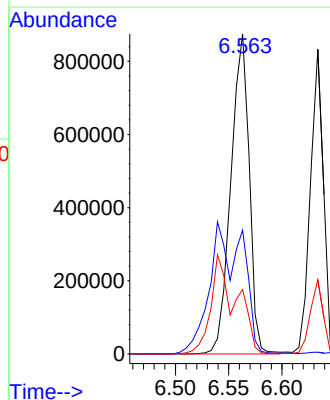
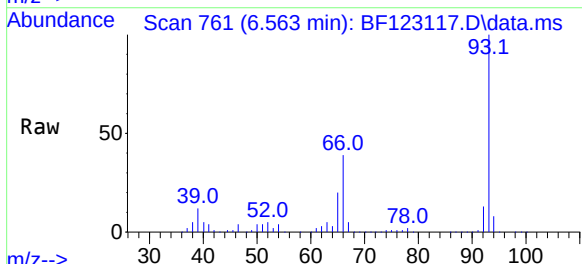
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ClientSampleId :  
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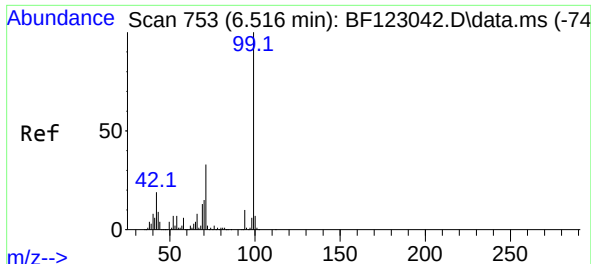
Tgt Ion:112 Resp: 1308202  
Ion Ratio Lower Upper  
112 100  
64 57.7 46.9 70.3  
63 29.1 24.5 36.7



#6  
Aniline  
Concen: 37.87 ng  
RT: 6.563 min Scan# 761  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion: 93 Resp: 1050182  
Ion Ratio Lower Upper  
93 100  
66 38.7 31.3 46.9  
65 20.1 15.6 23.4

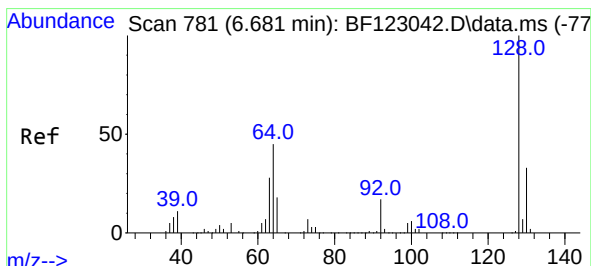
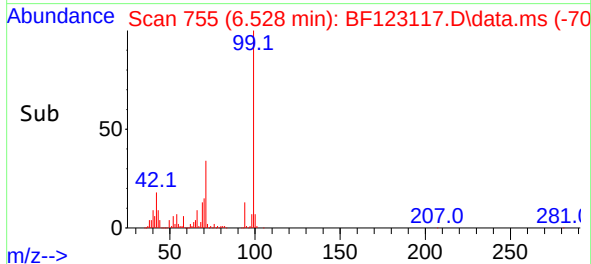
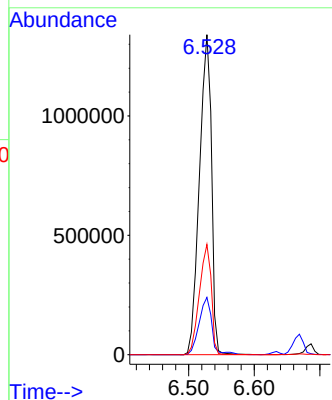
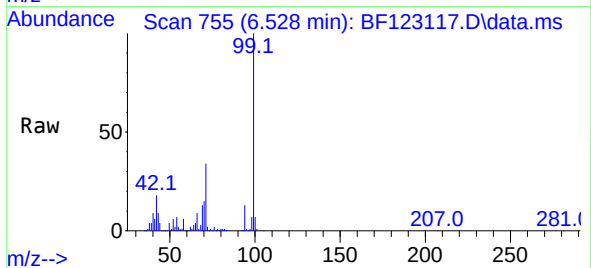




#7  
Phenol-d6  
Concen: 76.15 ng  
RT: 6.528 min Scan# 755  
Delta R.T. 0.012 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

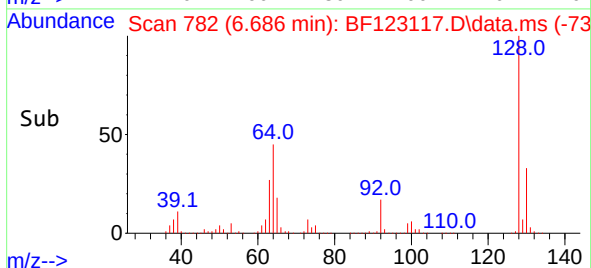
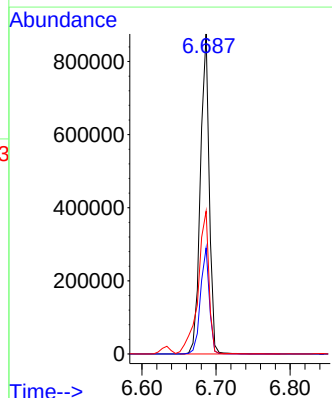
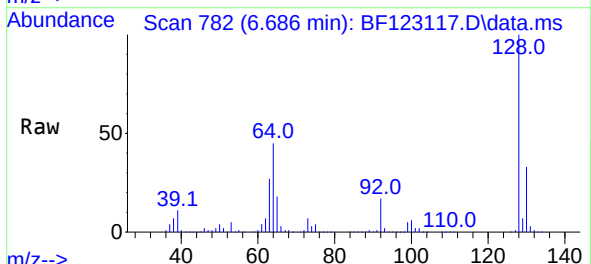
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

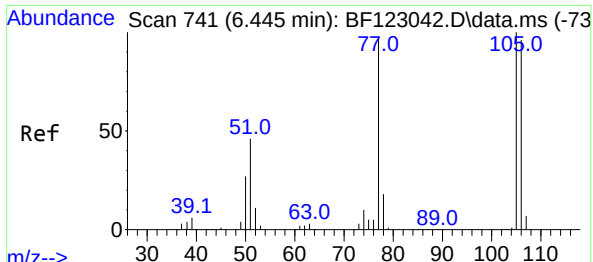
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Ion Ratio Lower Upper  
99 100  
42 17.9 13.8 20.6  
71 34.4 26.9 40.3



#8  
2-Chlorophenol  
Concen: 40.19 ng  
RT: 6.686 min Scan# 782  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:128 Resp: 724169  
Ion Ratio Lower Upper  
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130 33.2 12.3 52.3  
64 44.6 25.5 65.5

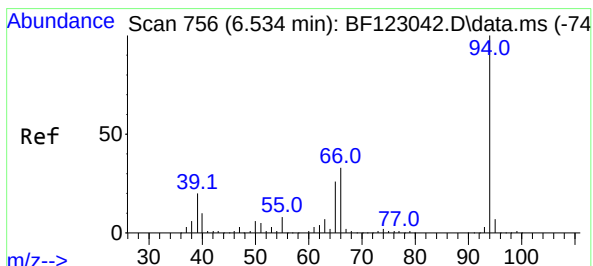
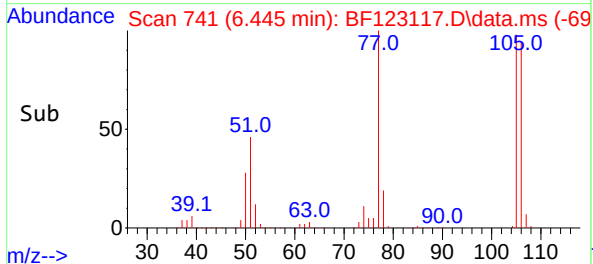
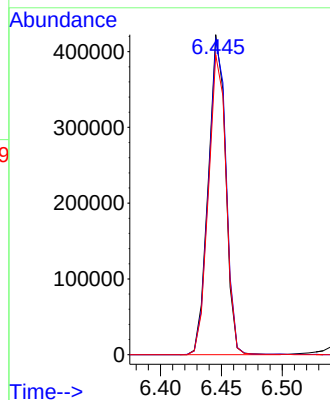
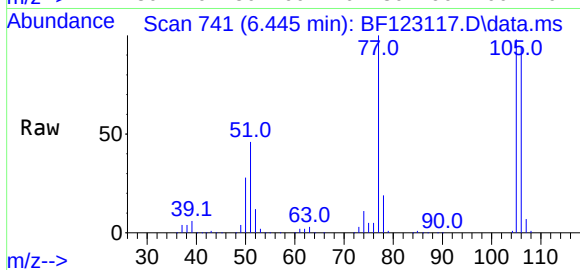




#9  
Benzaldehyde  
Concen: 40.47 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

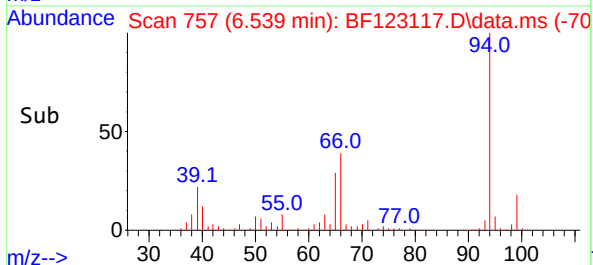
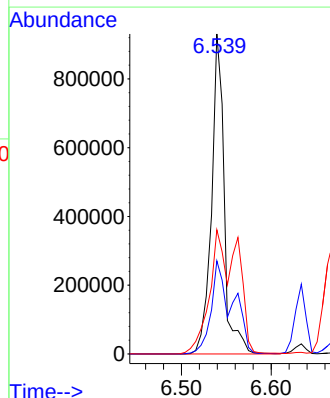
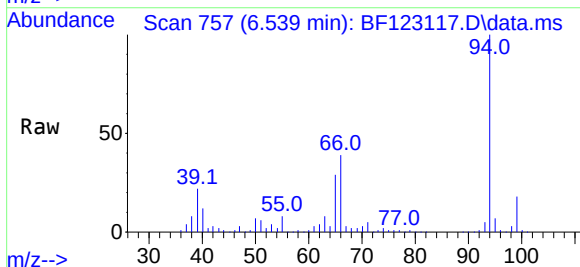
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 77 Resp: 416859  
Ion Ratio Lower Upper  
77 100  
105 98.3 80.6 120.6  
106 93.7 77.2 117.2

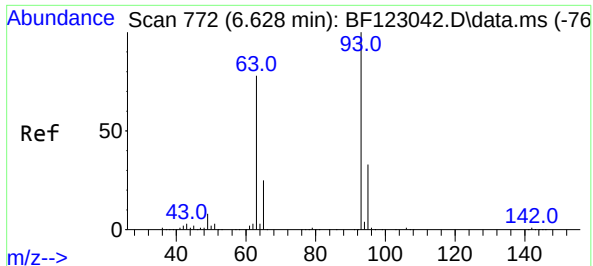


#10  
Phenol  
Concen: 40.98 ng  
RT: 6.539 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion: 94 Resp: 915722  
Ion Ratio Lower Upper  
94 100  
65 29.1 11.2 51.2  
66 38.8 25.8 65.8



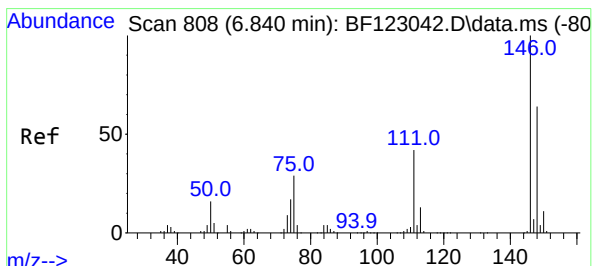
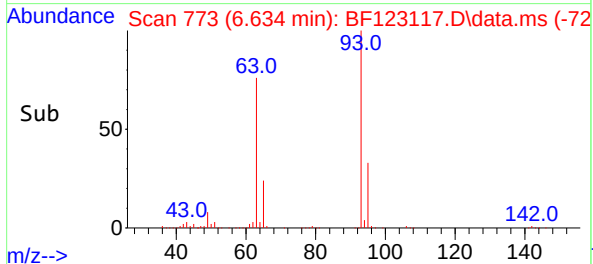
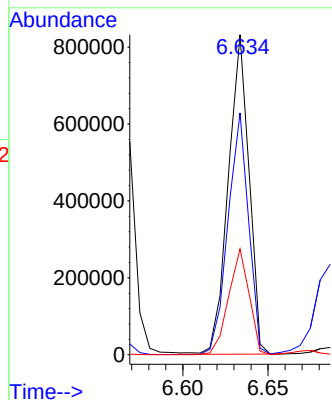
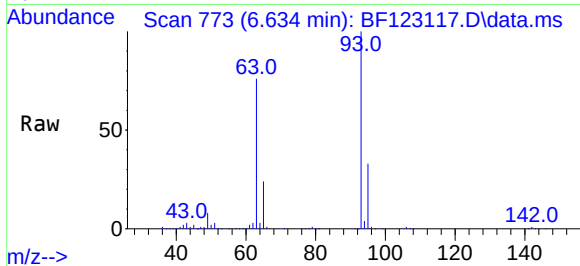




#11  
bis(2-Chloroethyl)ether  
Concen: 37.86 ng  
RT: 6.634 min Scan# 773  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

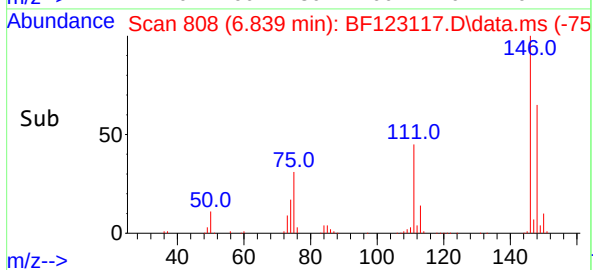
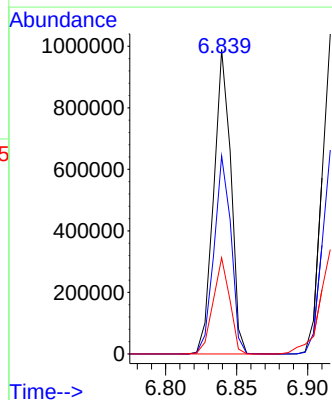
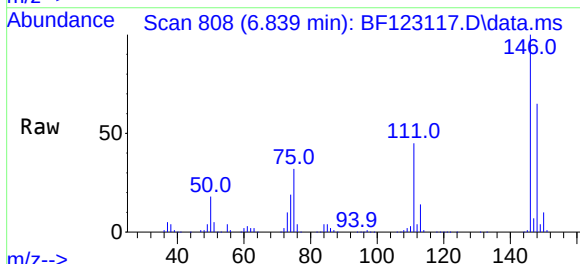
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

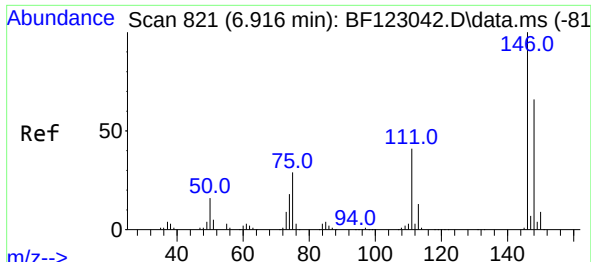
Tgt Ion: 93 Resp: 704103  
Ion Ratio Lower Upper  
93 100  
63 75.6 52.6 92.6  
95 33.0 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 39.38 ng  
RT: 6.839 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:146 Resp: 827415  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.8 77.8  
75 31.6 22.5 33.7

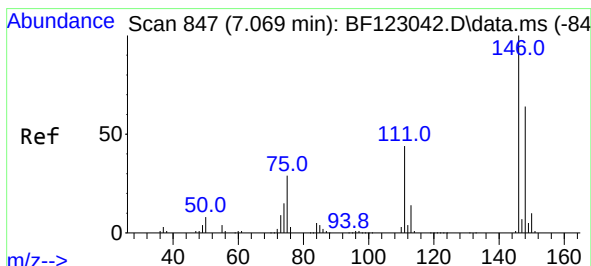
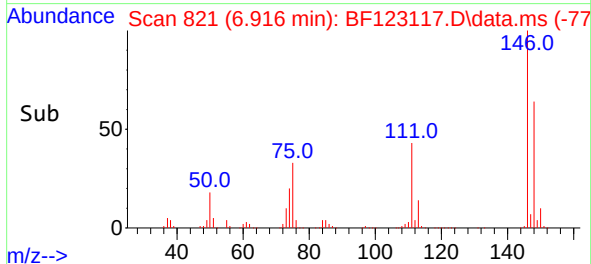
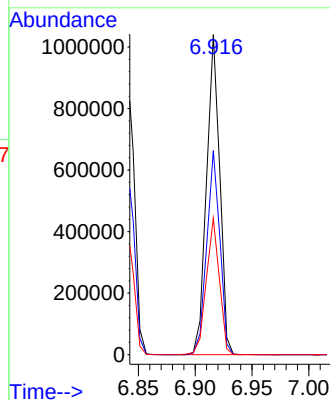
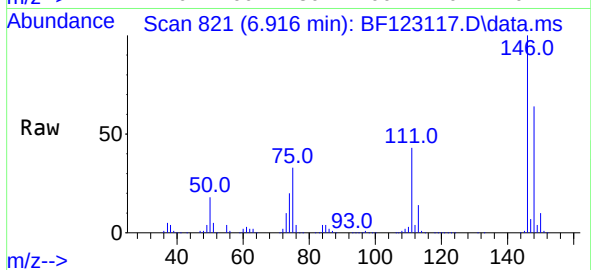




#13  
1,4-Dichlorobenzene  
Concen: 38.22 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

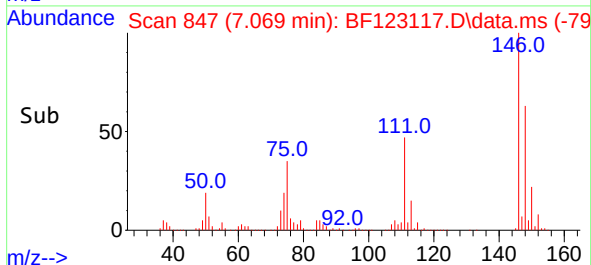
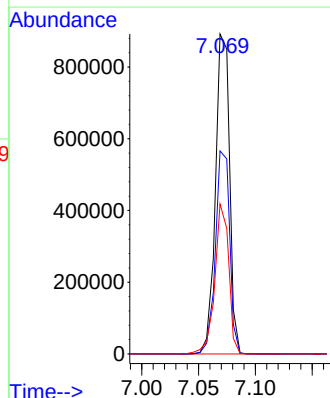
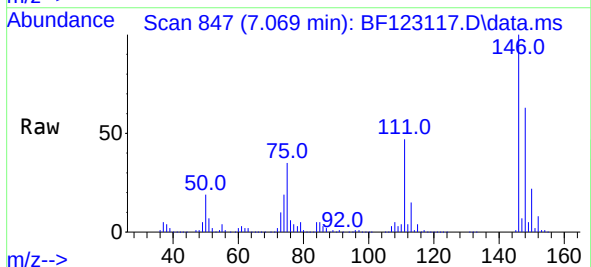
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

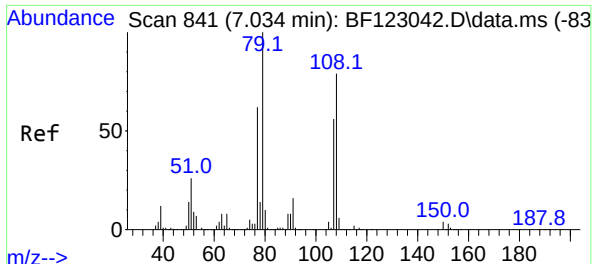
Tgt Ion:146 Resp: 836424  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.0 78.0  
111 42.6 32.3 48.5



#14  
1,2-Dichlorobenzene  
Concen: 37.64 ng  
RT: 7.069 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:146 Resp: 770691  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.5 77.3  
111 46.9 34.2 51.2



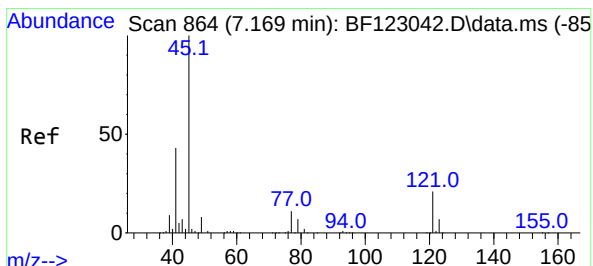
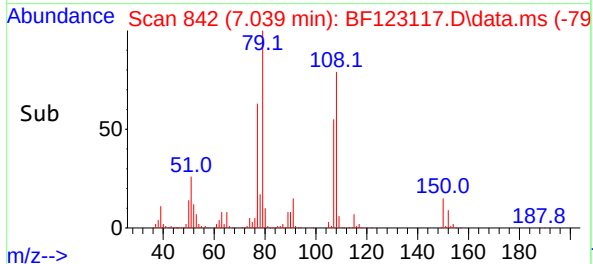
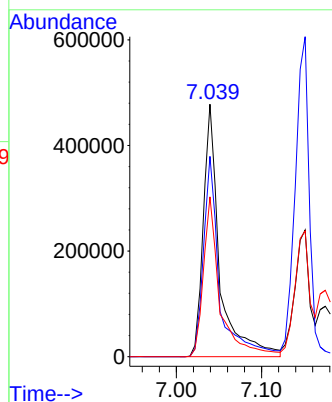
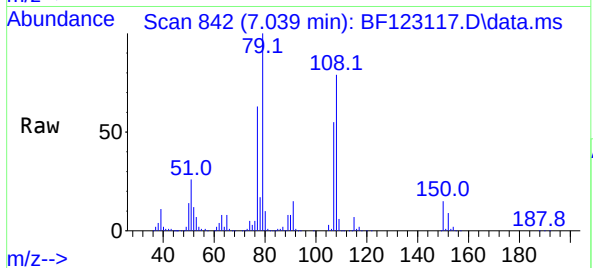


#15

Benzyl Alcohol  
Concen: 40.49 ng  
RT: 7.039 min Scan# 842  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

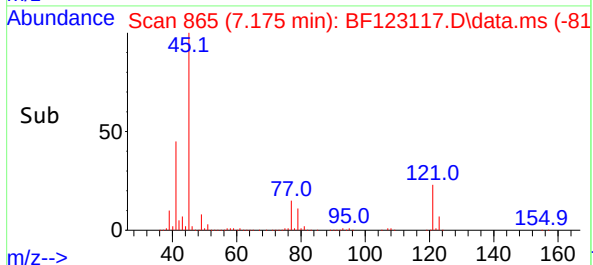
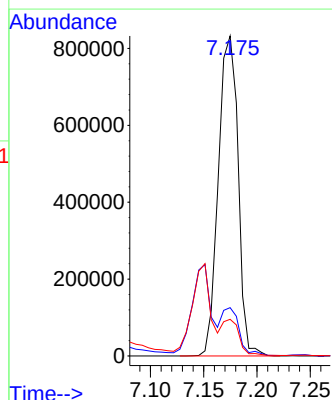
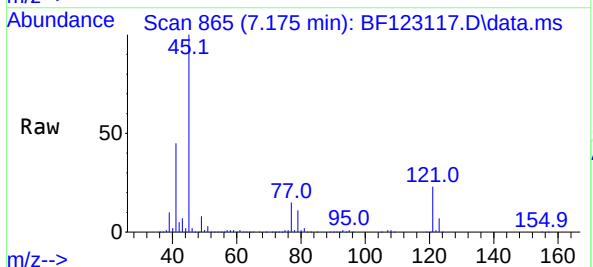
Tgt Ion: 79 Resp: 639646  
Ion Ratio Lower Upper  
79 100  
108 79.4 62.4 93.6  
77 63.3 49.0 73.6

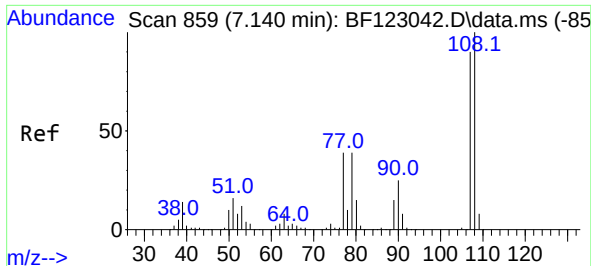


#16

2,2'-oxybis(1-Chloropropane)  
Concen: 37.26 ng  
RT: 7.175 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion: 45 Resp: 1068425  
Ion Ratio Lower Upper  
45 100  
77 15.1 0.0 35.6  
79 11.5 0.0 32.4



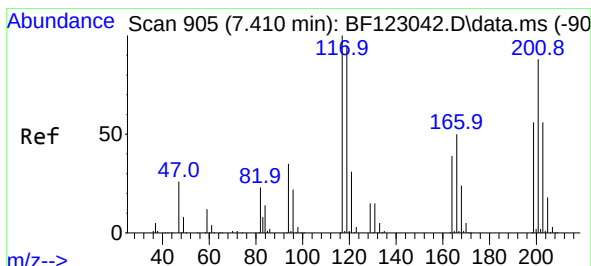
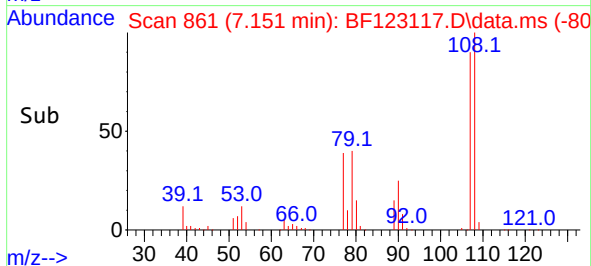
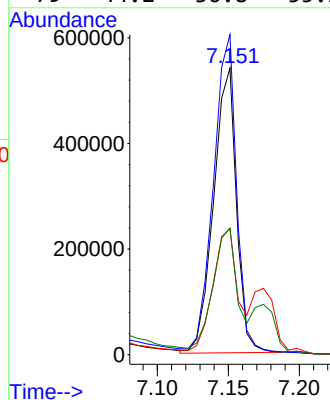
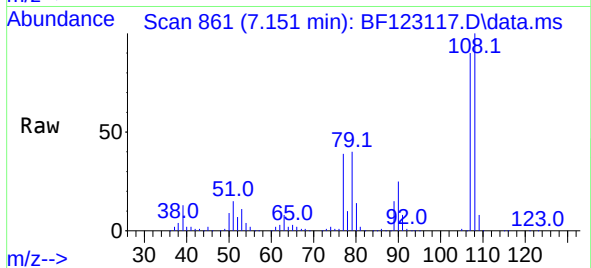


#17  
2-Methylphenol  
Concen: 39.44 ng  
RT: 7.151 min Scan# 861  
Delta R.T. 0.012 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:107 Resp: 604633

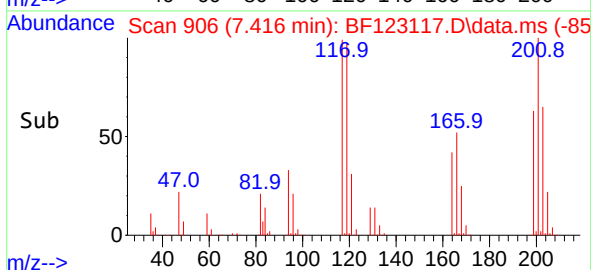
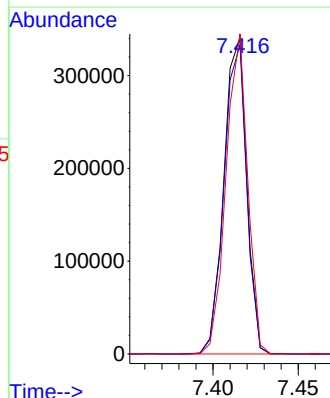
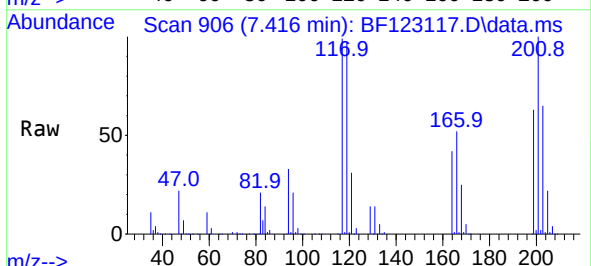
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 111.7 | 91.1  | 136.7 |
| 77  | 43.9  | 36.3  | 54.5  |
| 79  | 44.2  | 36.8  | 55.2  |

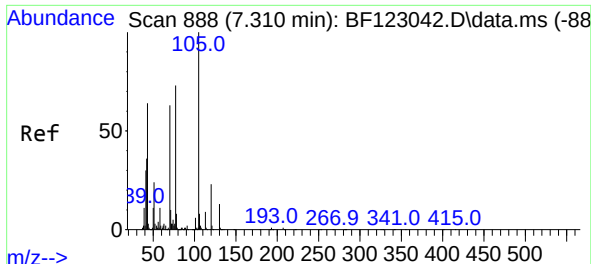


#18  
Hexachloroethane  
Concen: 41.45 ng  
RT: 7.416 min Scan# 906  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:117 Resp: 317690

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.6  | 78.4  | 117.6 |
| 201 | 101.0 | 79.6  | 119.4 |





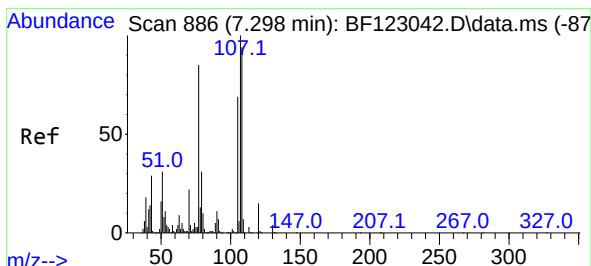
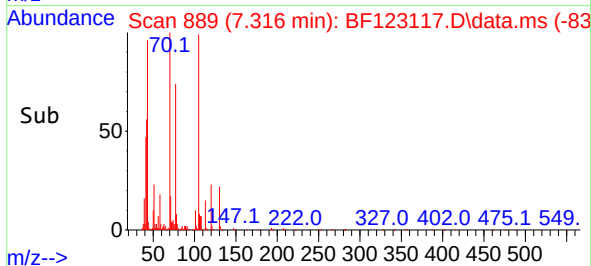
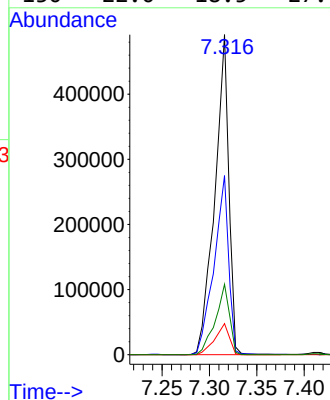
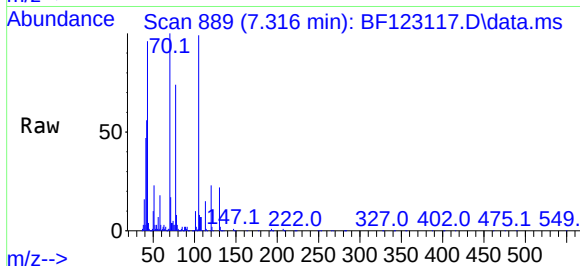
#19

n-Nitroso-di-n-propylamine  
Concen: 37.50 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 70 Resp: 508034

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 55.9  | 43.0  | 64.4  |
| 101 | 9.7   | 7.9   | 11.9  |
| 130 | 22.0  | 18.5  | 27.7  |

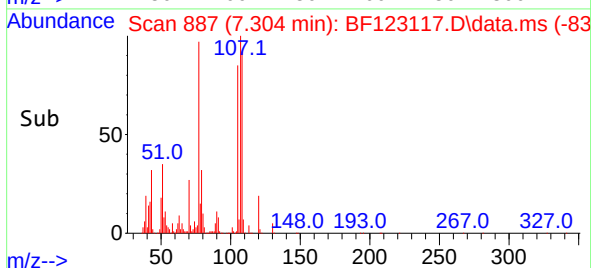
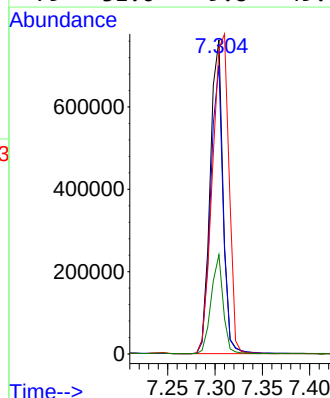
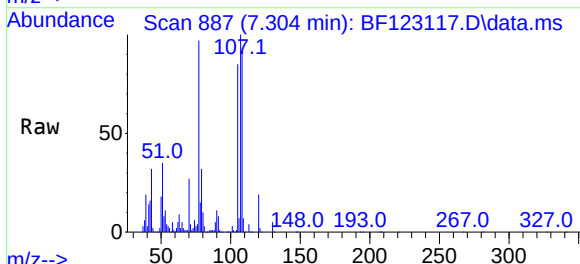


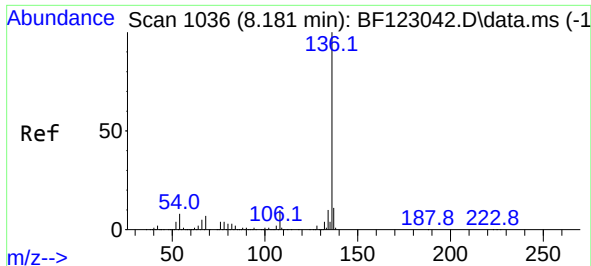
#20

3+4-Methylphenols  
Concen: 39.67 ng  
RT: 7.304 min Scan# 887  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion: 107 Resp: 716319

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.9  | 68.7  | 108.7 |
| 77  | 97.0  | 89.8  | 129.8 |
| 79  | 31.6  | 9.8   | 49.8  |



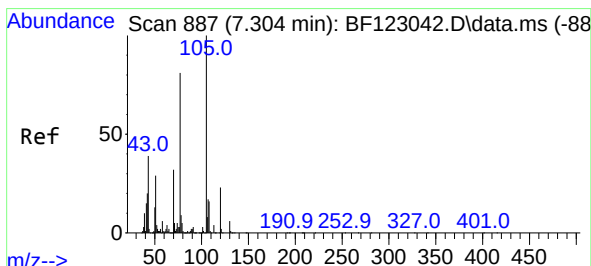
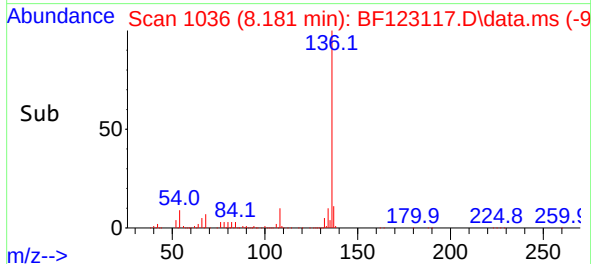
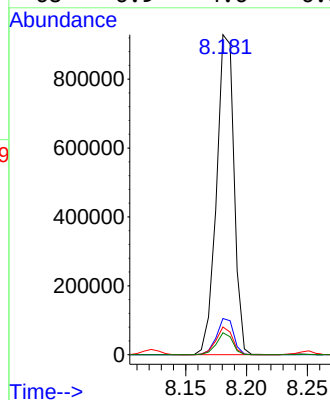
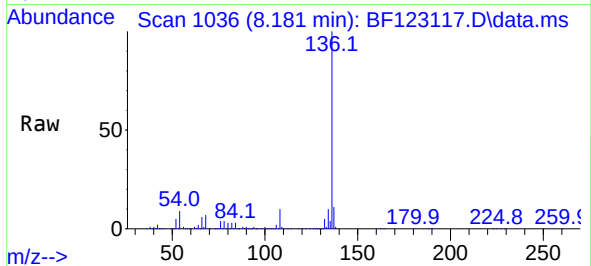


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:136 Resp: 931589

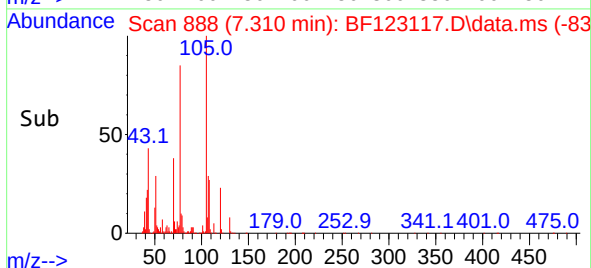
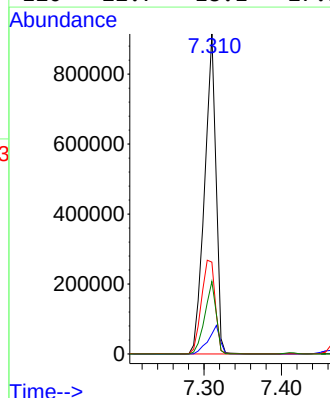
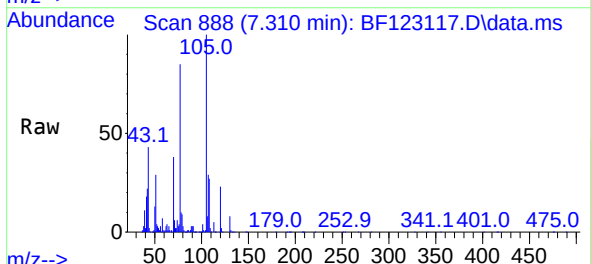
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.8   | 13.2  |
| 54  | 8.6   | 5.5   | 8.3#  |
| 68  | 6.9   | 4.6   | 6.8#  |

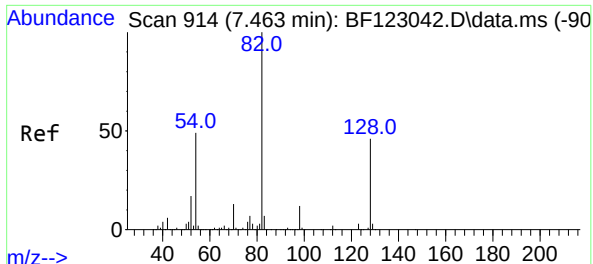


#22  
Acetophenone  
Concen: 38.50 ng  
RT: 7.310 min Scan# 888  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:105 Resp: 934502

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 6.3   | 6.5   | 9.7#  |
| 51  | 28.7  | 24.3  | 36.5  |
| 120 | 22.7  | 18.1  | 27.1  |





#23

Nitrobenzene-d5

Concen: 83.96 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.000 min

Lab File: BF123117.D

Acq: 4 Feb 2021 17:04

Instrument :

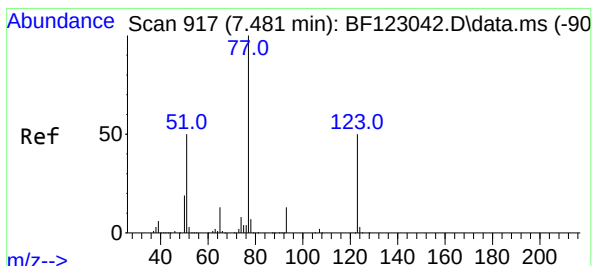
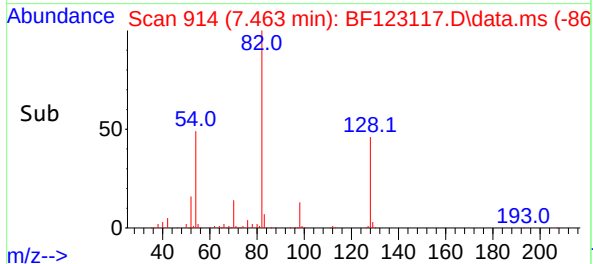
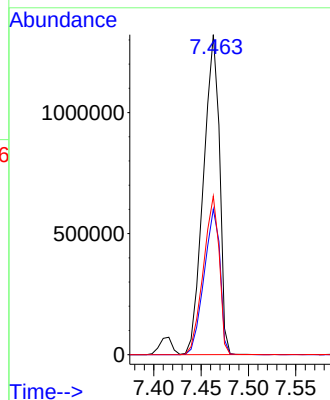
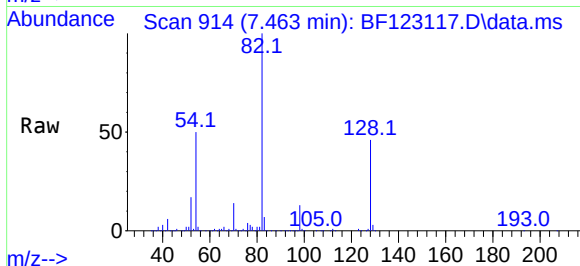
BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1554187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.5  | 37.0  | 55.4  |
| 54  | 49.5  | 38.4  | 57.6  |



#24

Nitrobenzene

Concen: 40.89 ng

RT: 7.481 min Scan# 917

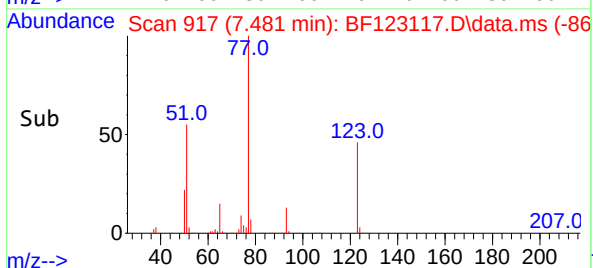
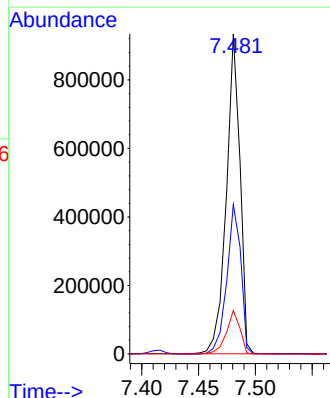
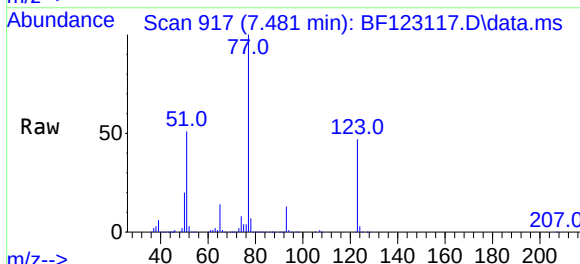
Delta R.T. -0.000 min

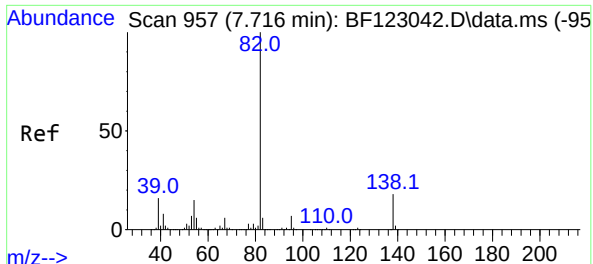
Lab File: BF123117.D

Acq: 4 Feb 2021 17:04

Tgt Ion: 77 Resp: 779807

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.7  | 39.3  | 58.9  |
| 65  | 13.6  | 10.6  | 15.8  |

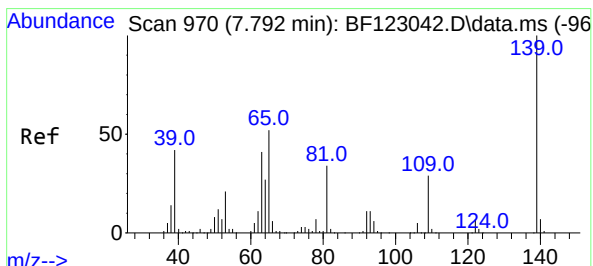
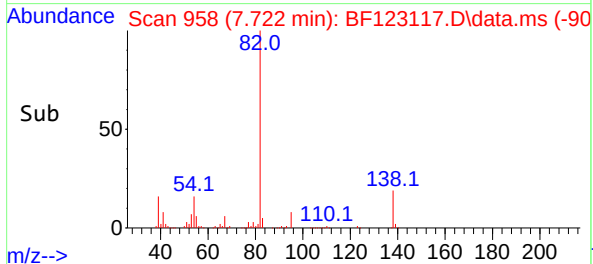
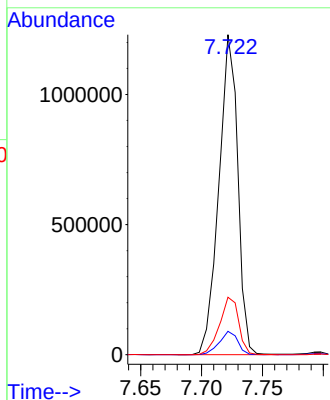
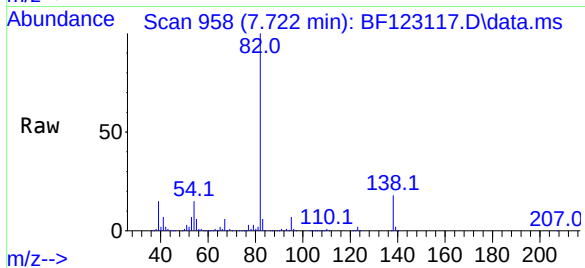




#25  
Isophorone  
Concen: 39.18 ng  
RT: 7.722 min Scan# 958  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

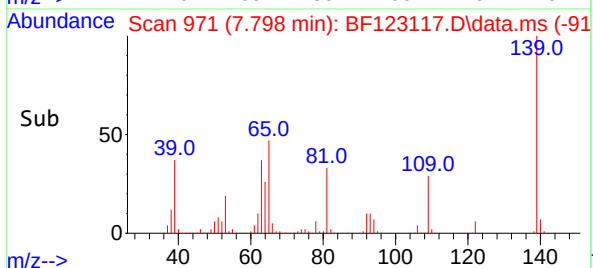
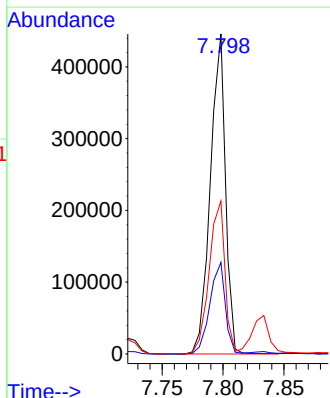
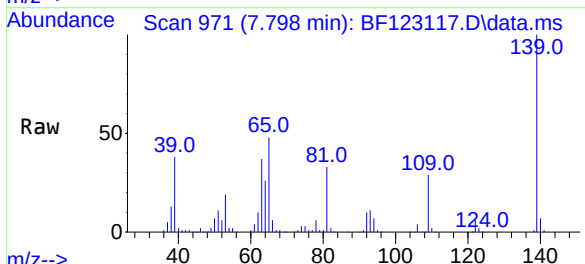
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 82 Resp: 1328381  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.6  
138 18.0 14.6 21.8

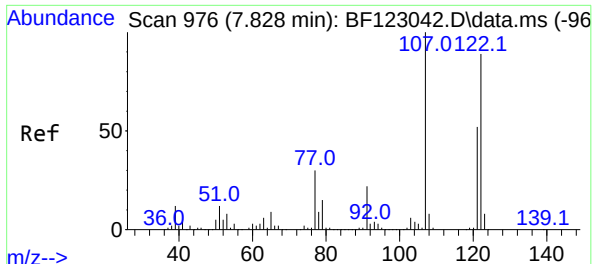


#26  
2-Nitrophenol  
Concen: 48.94 ng  
RT: 7.798 min Scan# 971  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:139 Resp: 385981  
Ion Ratio Lower Upper  
139 100  
109 28.6 24.0 36.0  
65 47.8 40.9 61.3



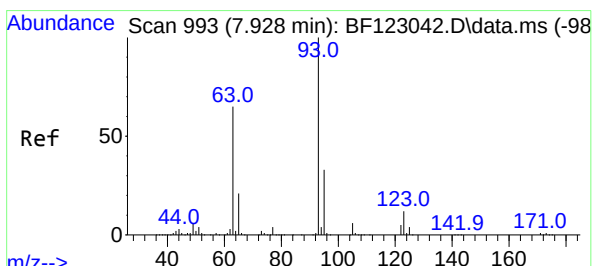
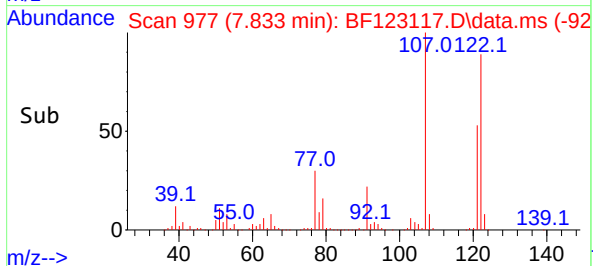
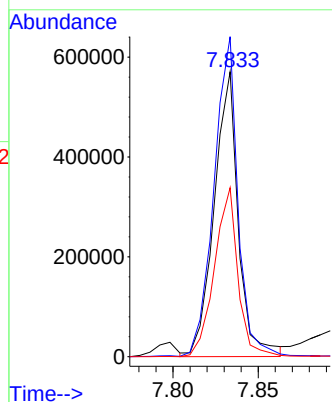
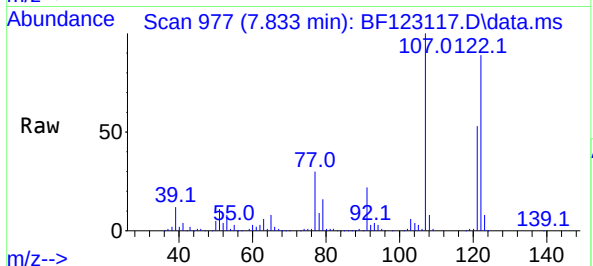




#27  
2,4-Dimethylphenol  
Concen: 39.57 ng  
RT: 7.833 min Scan# 977  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

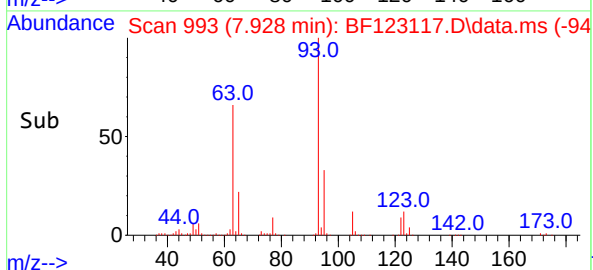
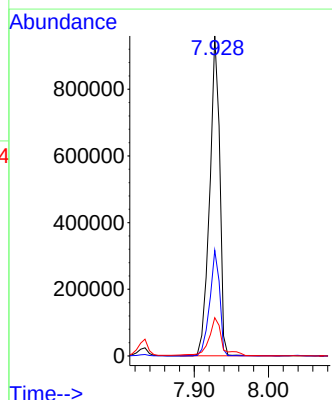
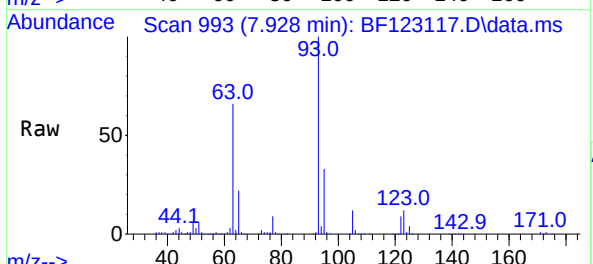
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

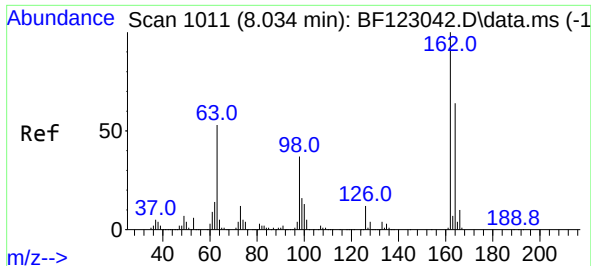
Tgt Ion:122 Resp: 563126  
Ion Ratio Lower Upper  
122 100  
107 112.3 91.8 137.8  
121 59.3 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.04 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion: 93 Resp: 903119  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.2 39.2  
123 12.0 9.2 13.8

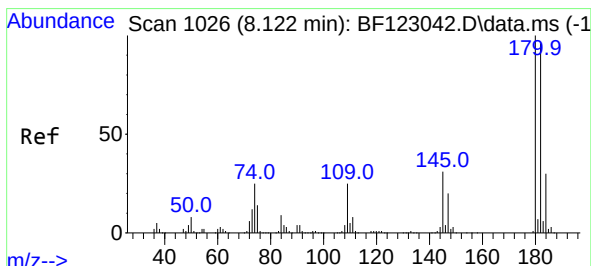
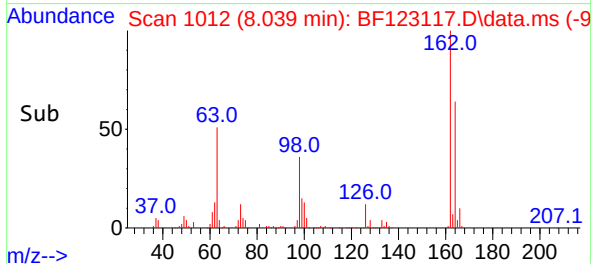
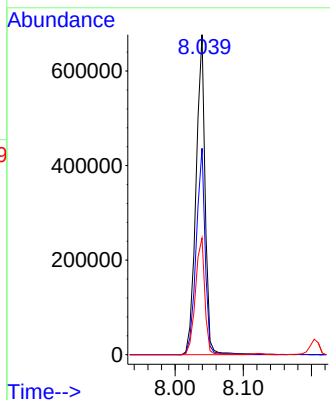
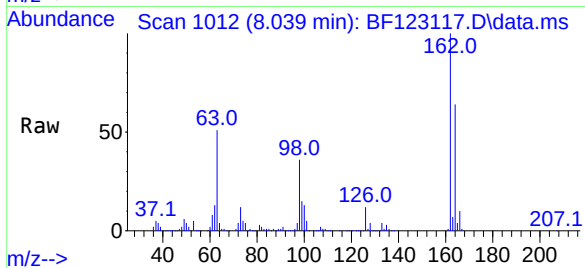




#29  
2,4-Dichlorophenol  
Concen: 42.15 ng  
RT: 8.039 min Scan# 1012  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

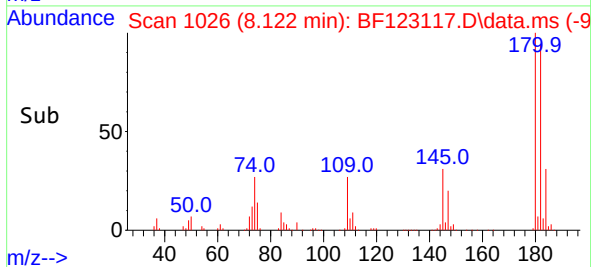
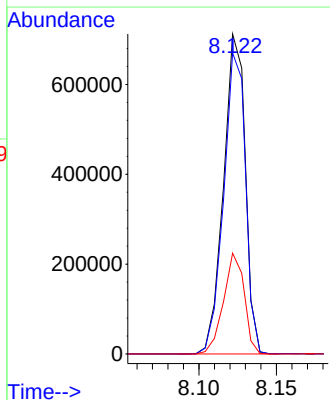
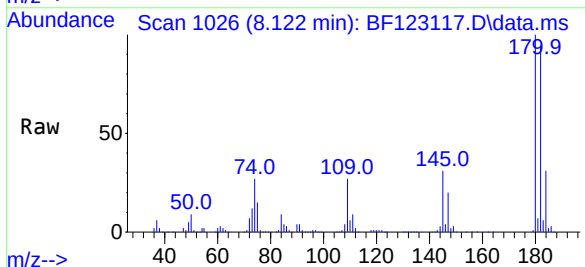
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

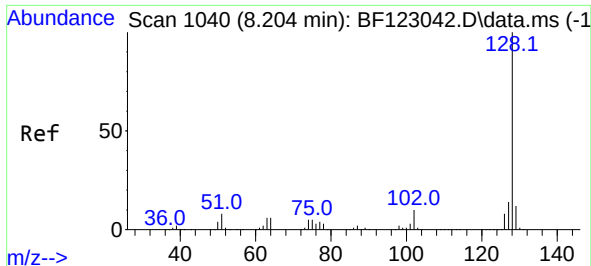
Tgt Ion:162 Resp: 627251  
Ion Ratio Lower Upper  
162 100  
164 64.5 43.2 83.2  
98 36.5 15.2 55.2



#30  
1,2,4-Trichlorobenzene  
Concen: 41.52 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:180 Resp: 696032  
Ion Ratio Lower Upper  
180 100  
182 94.1 75.7 113.5  
145 31.5 25.0 37.4

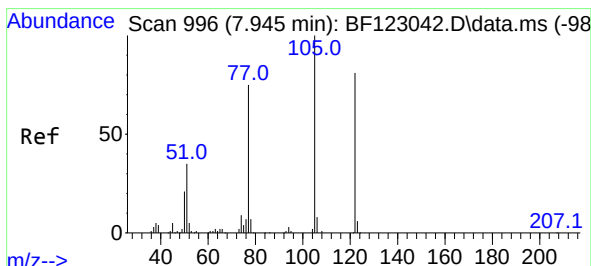
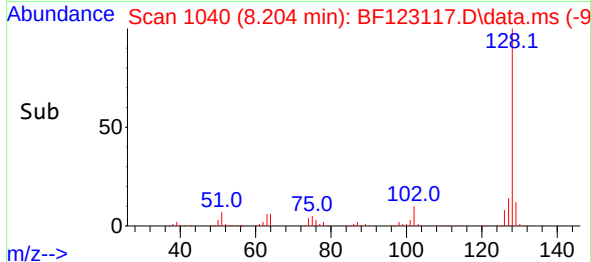
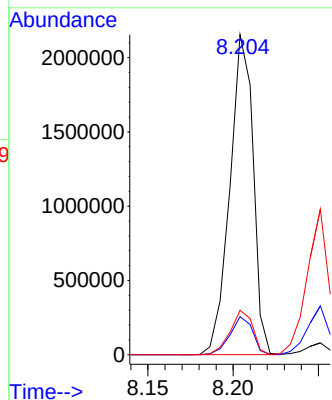
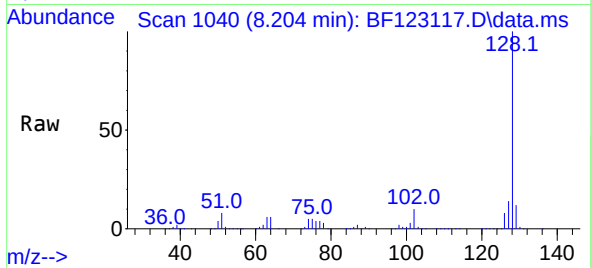




#31  
Naphthalene  
Concen: 40.06 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

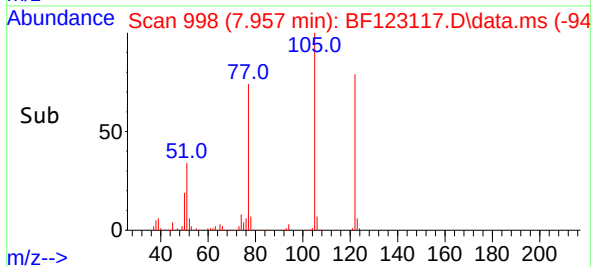
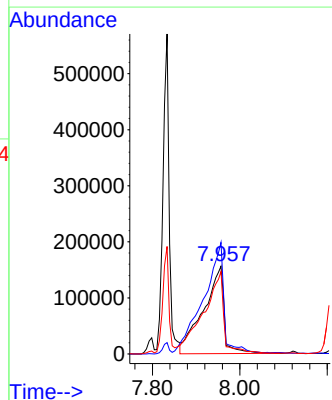
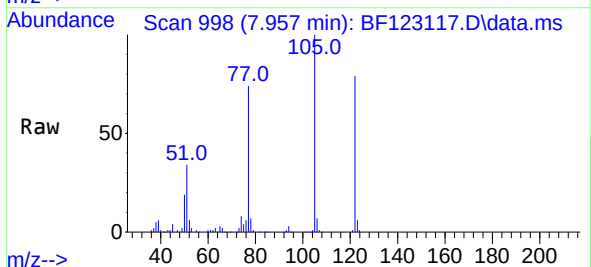
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

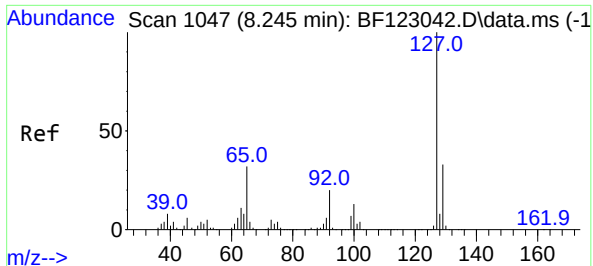
Tgt Ion:128 Resp: 2046826  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.0 13.6  
127 13.8 10.7 16.1



#32  
Benzoic acid  
Concen: 45.37 ng  
RT: 7.957 min Scan# 998  
Delta R.T. 0.012 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:122 Resp: 516627  
Ion Ratio Lower Upper  
122 100  
105 127.0 104.8 144.8  
77 93.8 71.0 111.0



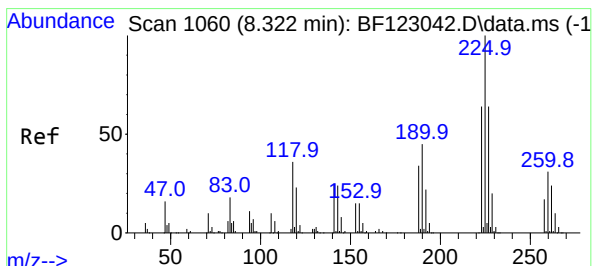
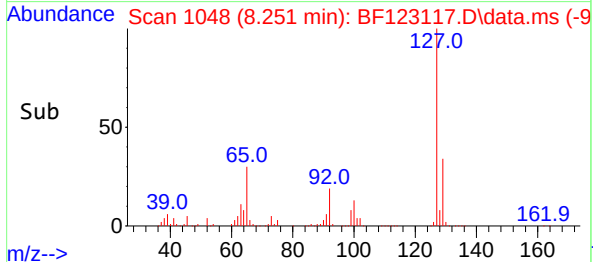
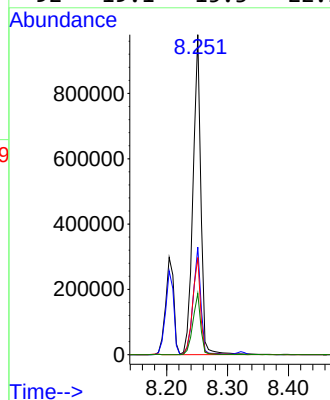
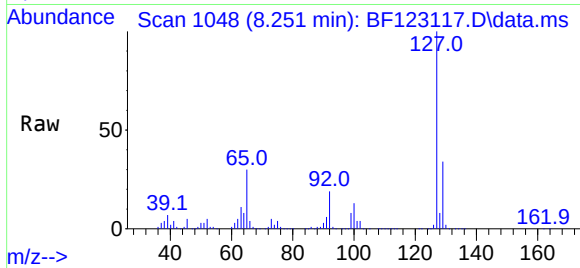


#33  
4-Chloroaniline  
Concen: 38.59 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:127 Resp: 875077

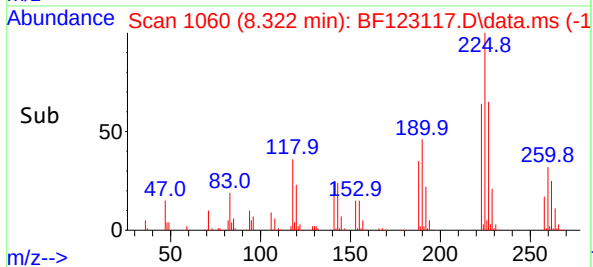
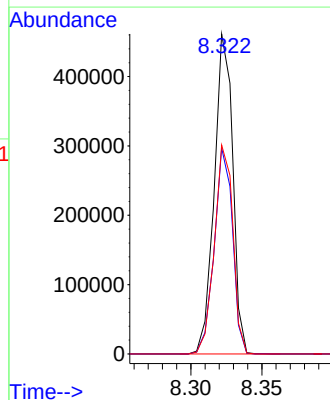
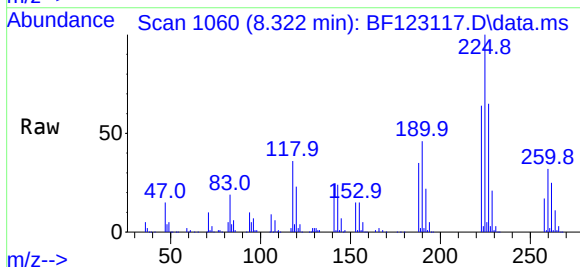
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 33.6  | 26.2  | 39.2  |
| 65  | 30.4  | 22.2  | 33.2  |
| 92  | 19.1  | 15.3  | 22.9  |

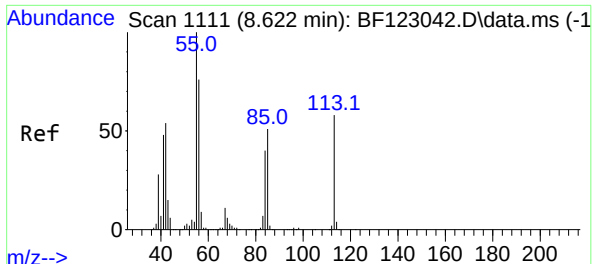


#34  
Hexachlorobutadiene  
Concen: 43.04 ng  
RT: 8.322 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:225 Resp: 416865

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 64.4  | 50.7  | 76.1  |
| 227 | 65.3  | 51.7  | 77.5  |

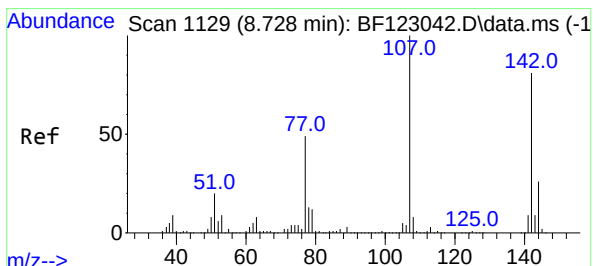
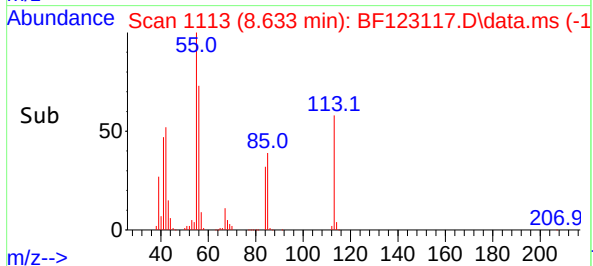
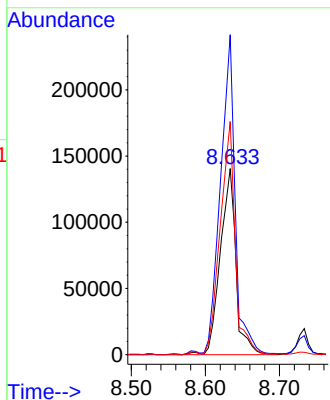
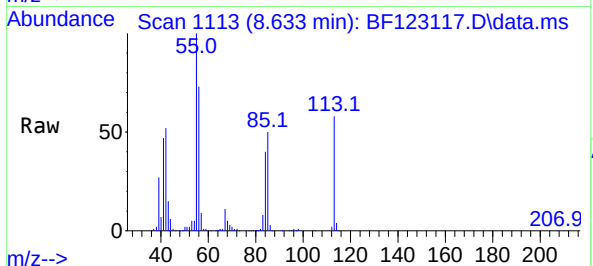




#35  
 Caprolactam  
 Concen: 40.68 ng  
 RT: 8.633 min Scan# 1113  
 Delta R.T. 0.012 min  
 Lab File: BF123117.D  
 Acq: 4 Feb 2021 17:04

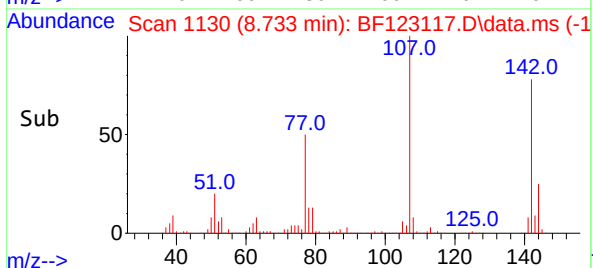
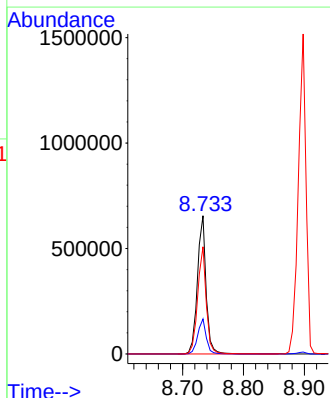
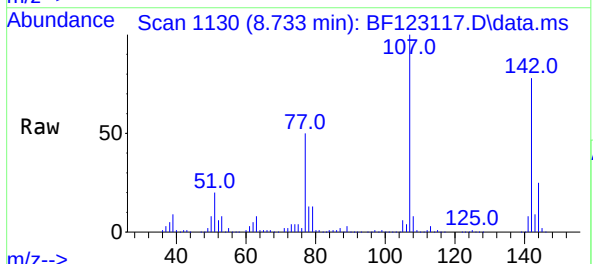
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

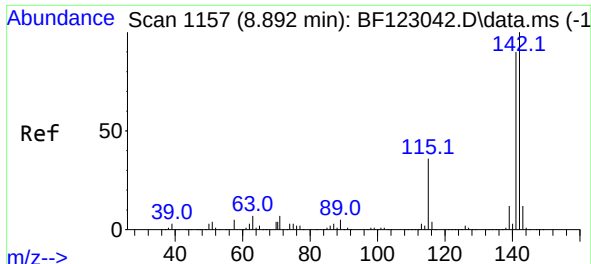
Tgt Ion:113 Resp: 204595  
 Ion Ratio Lower Upper  
 113 100  
 55 172.0 133.7 173.7  
 56 125.3 95.3 135.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.87 ng  
 RT: 8.733 min Scan# 1130  
 Delta R.T. 0.006 min  
 Lab File: BF123117.D  
 Acq: 4 Feb 2021 17:04

Tgt Ion:107 Resp: 647956  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 20.2 30.2  
 142 77.5 64.4 96.6

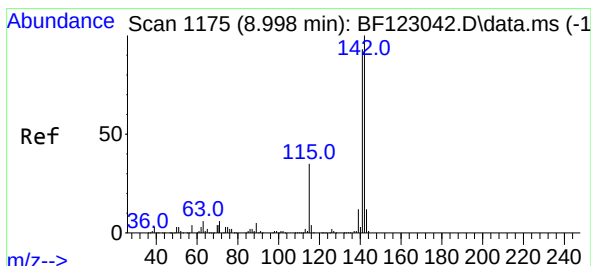
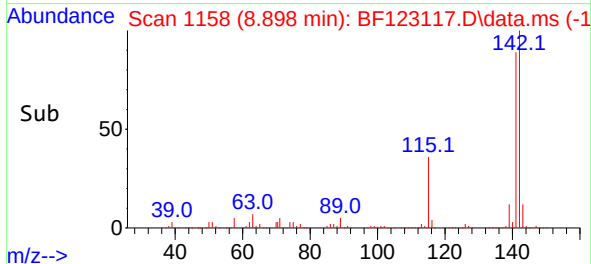
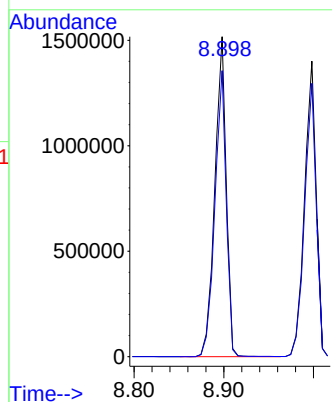
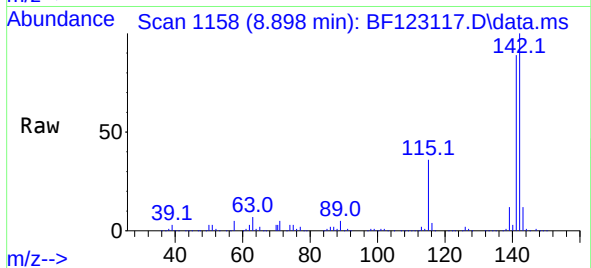




#37  
2-Methylnaphthalene  
Concen: 39.53 ng  
RT: 8.898 min Scan# 1158  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

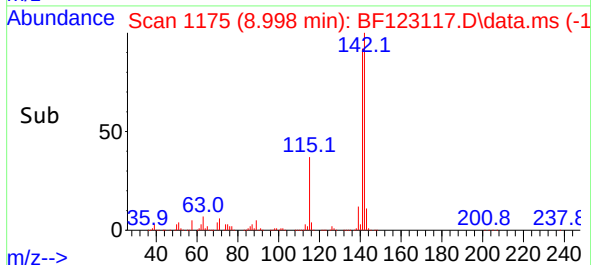
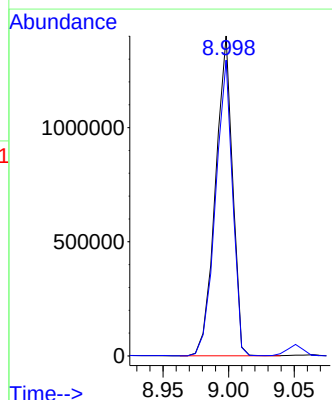
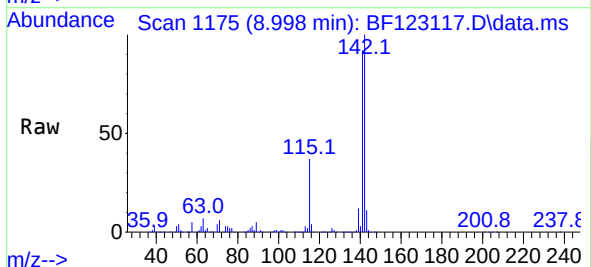
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

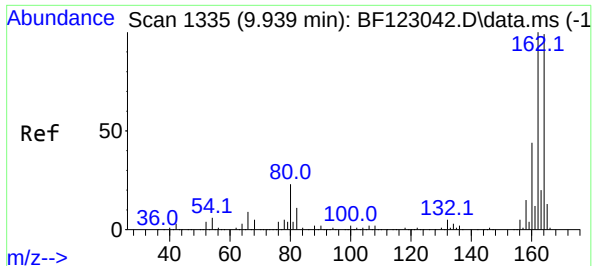
Tgt Ion:142 Resp: 1341077  
Ion Ratio Lower Upper  
142 100  
141 89.4 70.6 106.0



#38  
1-Methylnaphthalene  
Concen: 39.44 ng  
RT: 8.998 min Scan# 1175  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:142 Resp: 1266737  
Ion Ratio Lower Upper  
142 100  
141 92.5 74.5 111.7

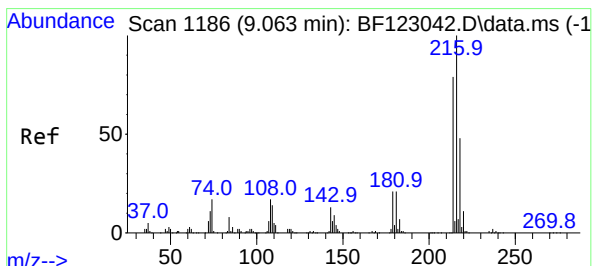
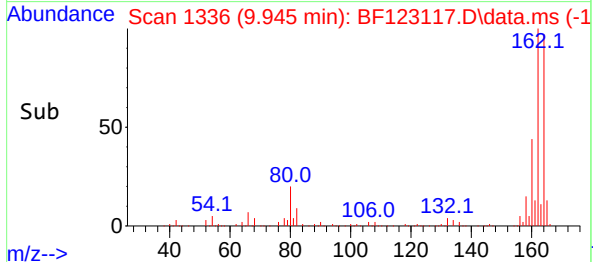
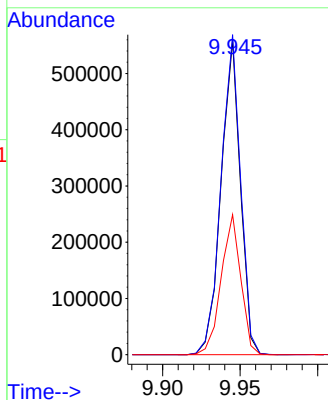
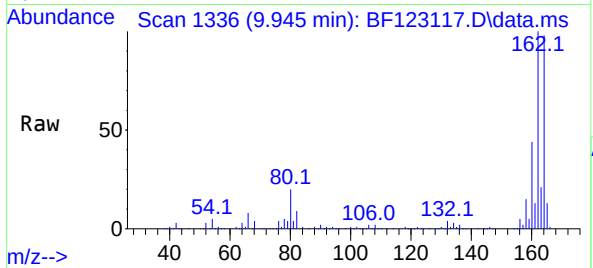




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

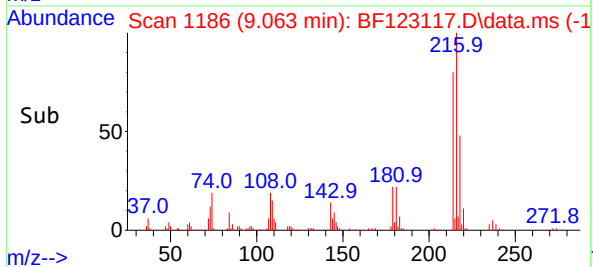
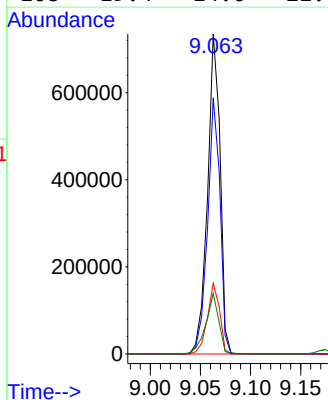
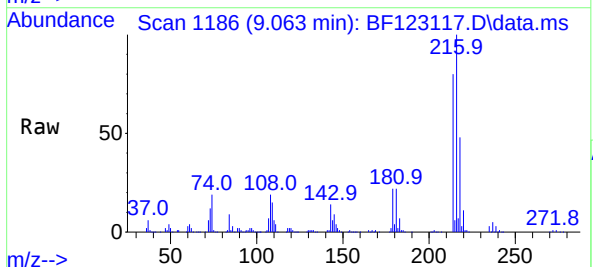
Instrument :  
BNA\_F  
ClientSampleId :  
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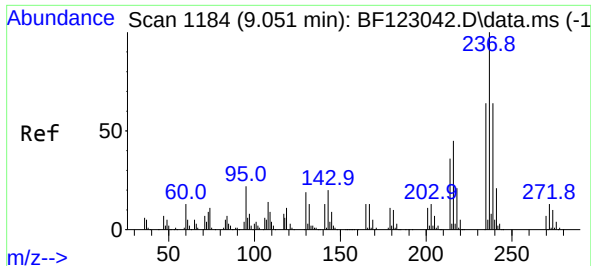
Tgt Ion:164 Resp: 484031  
Ion Ratio Lower Upper  
164 100  
162 101.9 80.8 121.2  
160 44.6 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.79 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:216 Resp: 644380  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.1 94.7  
179 21.5 17.1 25.7  
108 19.4 14.6 21.8

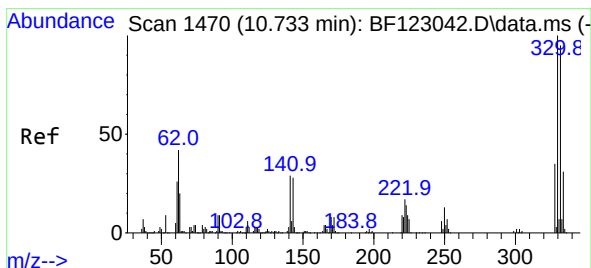
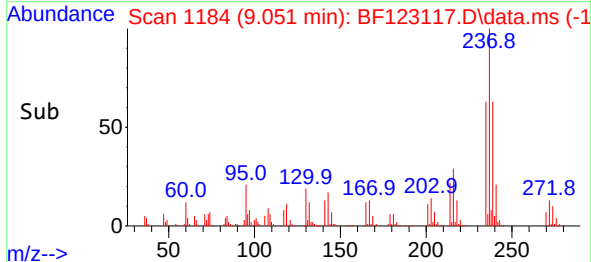
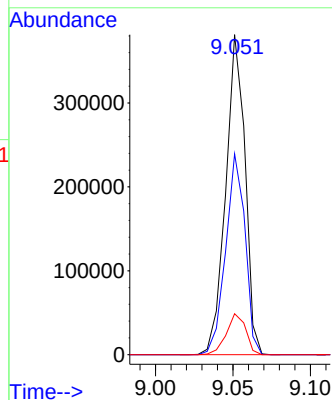
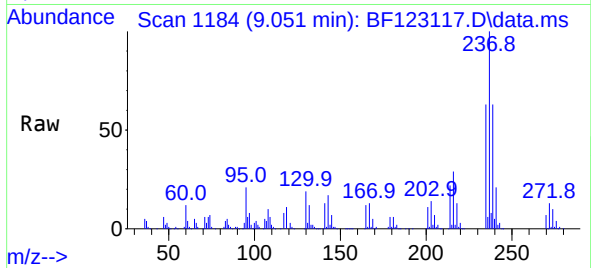




#41  
Hexachlorocyclopentadiene  
Concen: 46.38 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

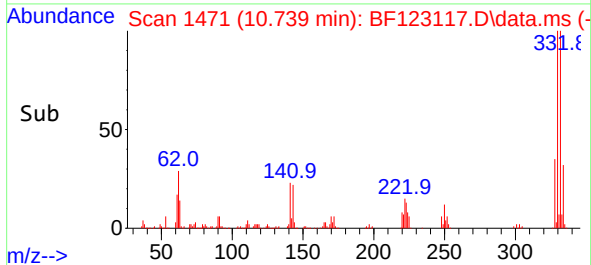
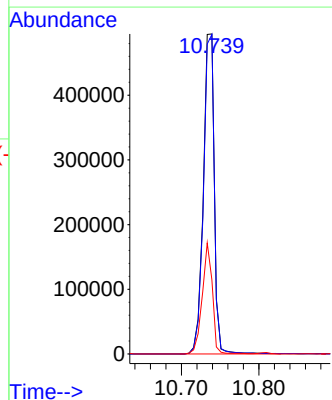
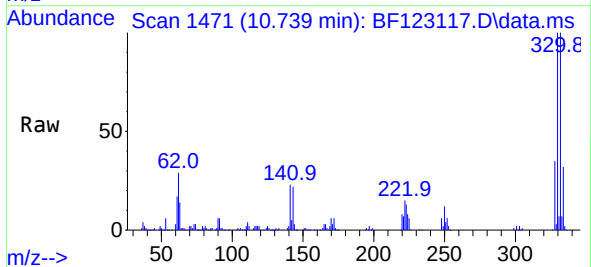
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:237 Resp: 331519  
Ion Ratio Lower Upper  
237 100  
235 62.8 40.9 80.9  
272 12.8 0.0 33.4

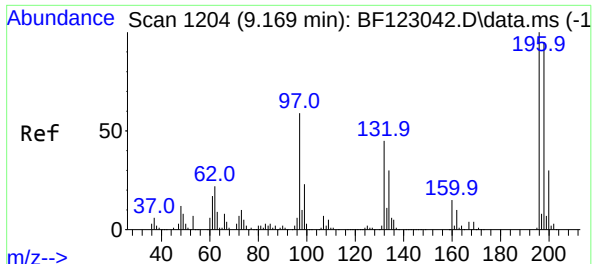


#42  
2,4,6-Tribromophenol  
Concen: 92.74 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:330 Resp: 487316  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.5 116.3  
141 32.0 23.8 35.8



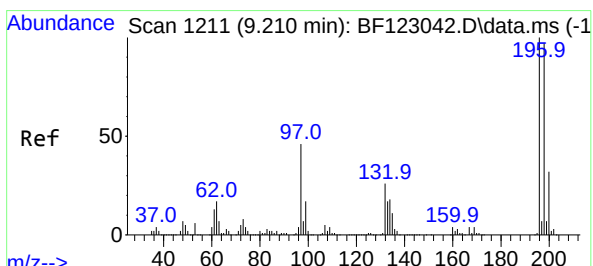
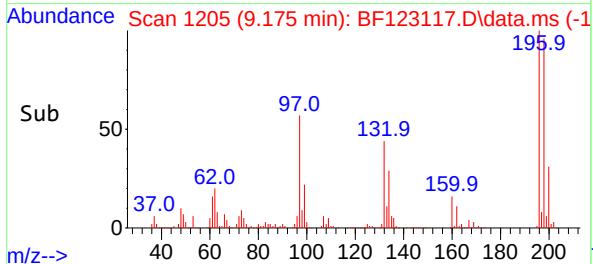
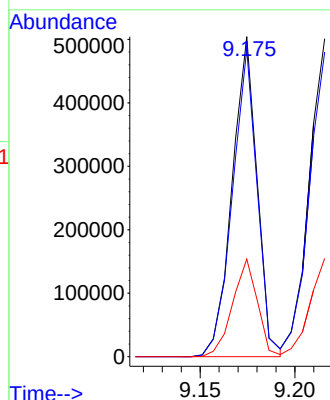
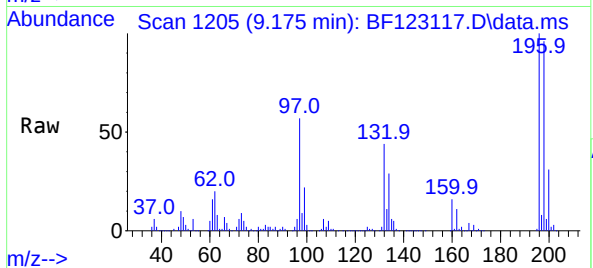




#43  
2,4,6-Trichlorophenol  
Concen: 44.70 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

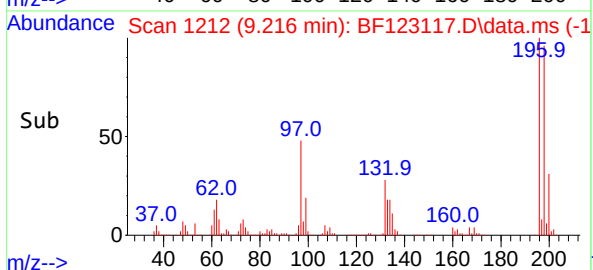
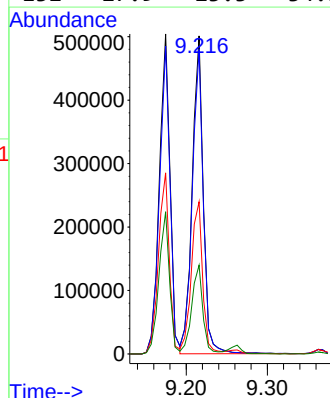
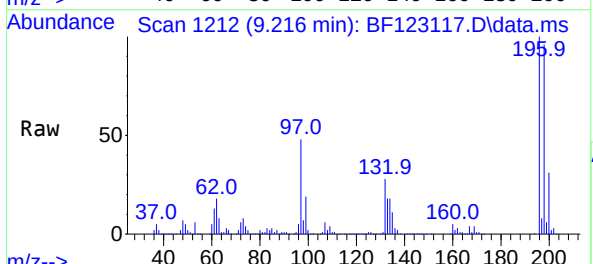
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

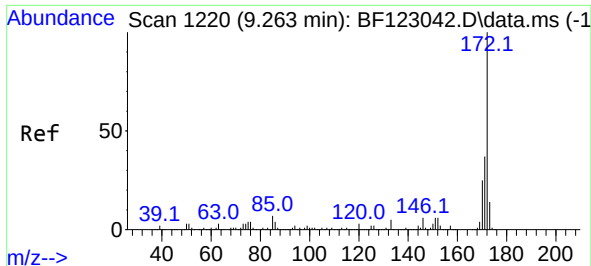
Tgt Ion:196 Resp: 461403  
Ion Ratio Lower Upper  
196 100  
198 96.2 75.1 112.7  
200 30.5 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 44.25 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:196 Resp: 477712  
Ion Ratio Lower Upper  
196 100  
198 95.7 76.5 114.7  
97 47.8 40.1 60.1  
132 27.9 23.3 34.9

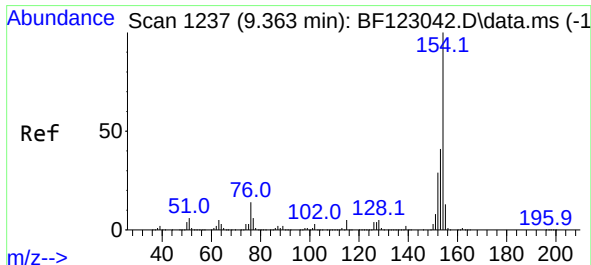
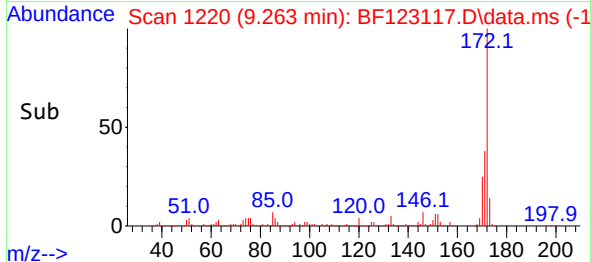
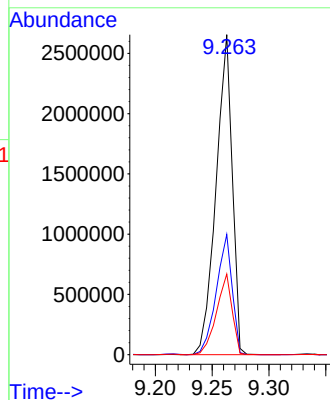
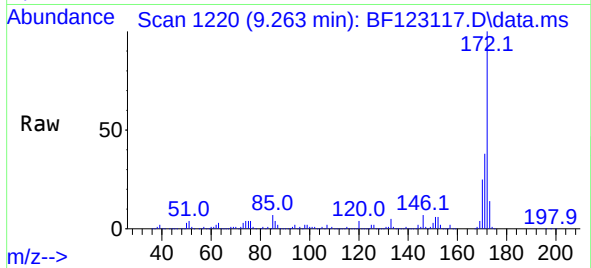




#45  
2-Fluorobiphenyl  
Concen: 80.88 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

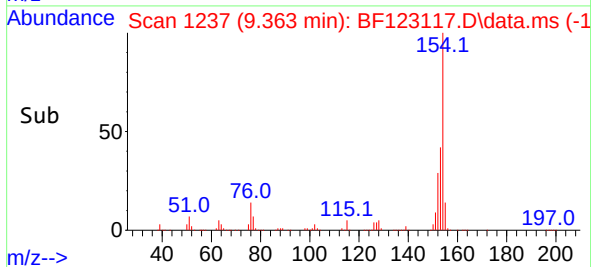
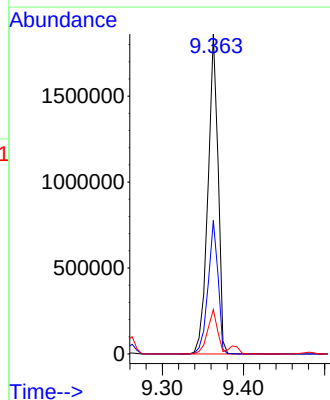
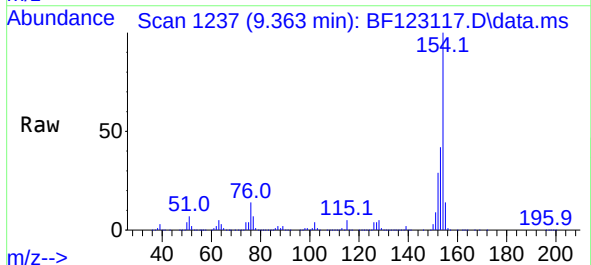
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

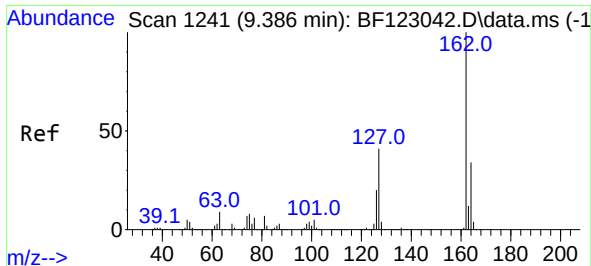
Tgt Ion:172 Resp: 2633516  
Ion Ratio Lower Upper  
172 100  
171 37.6 29.6 44.4  
170 25.2 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 40.39 ng  
RT: 9.363 min Scan# 1237  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:154 Resp: 1603441  
Ion Ratio Lower Upper  
154 100  
153 41.7 21.8 61.8  
76 13.8 0.0 33.4





#47

2-Chloronaphthalene

Concen: 40.91 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BF123117.D

Acq: 4 Feb 2021 17:04

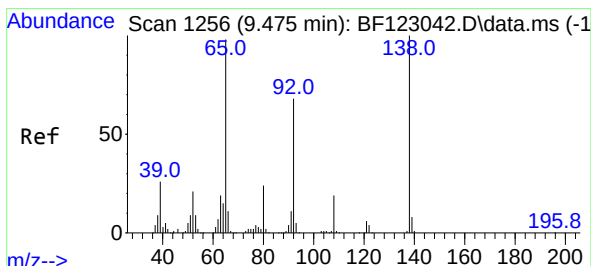
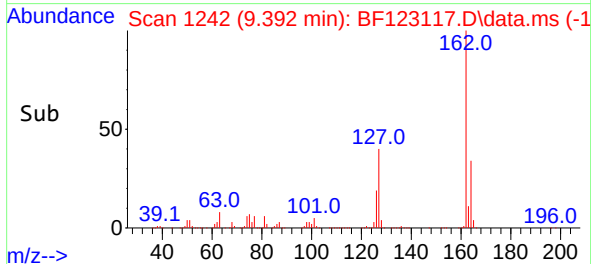
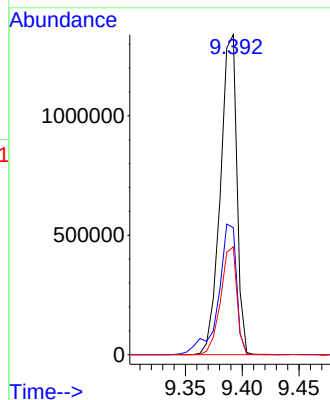
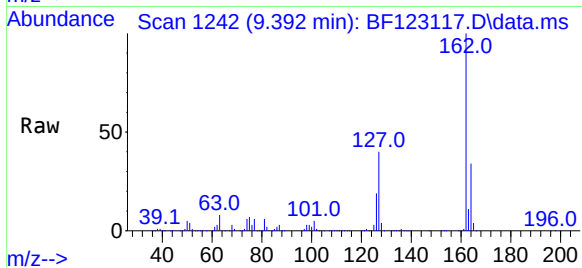
Tgt Ion:162 Resp: 1359597

Ion Ratio Lower Upper

162 100

127 39.7 33.8 50.8

164 33.7 26.5 39.7



#48

2-Nitroaniline

Concen: 44.15 ng

RT: 9.480 min Scan# 1257

Delta R.T. 0.006 min

Lab File: BF123117.D

Acq: 4 Feb 2021 17:04

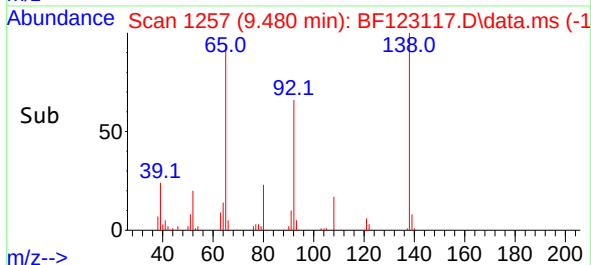
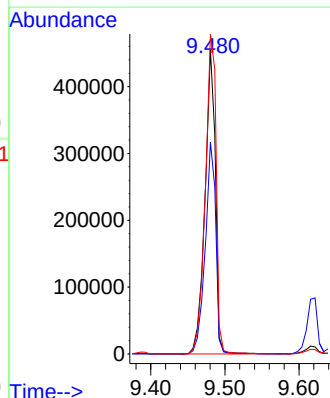
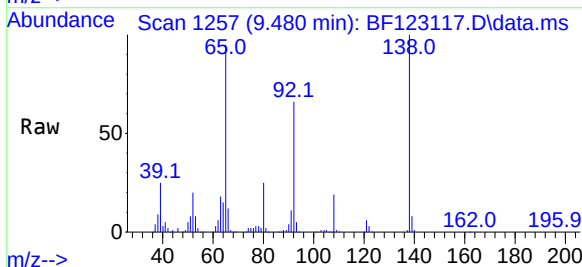
Tgt Ion: 65 Resp: 444765

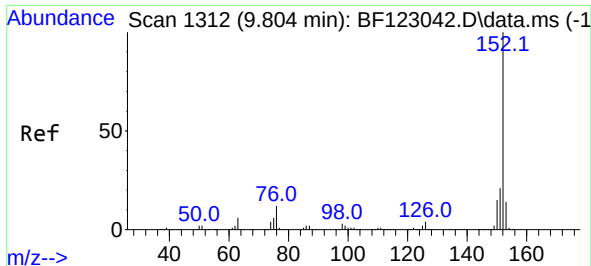
Ion Ratio Lower Upper

65 100

92 69.7 60.0 90.0

138 105.4 100.6 151.0

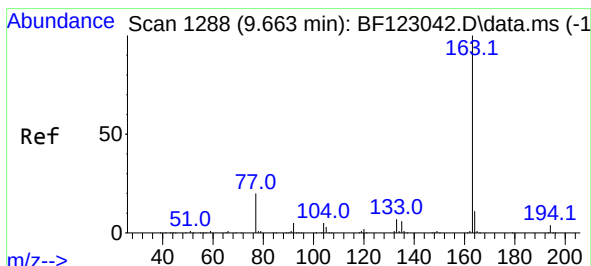
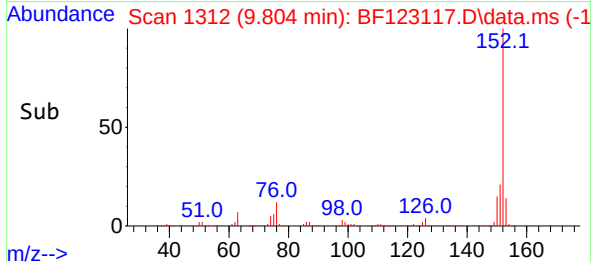
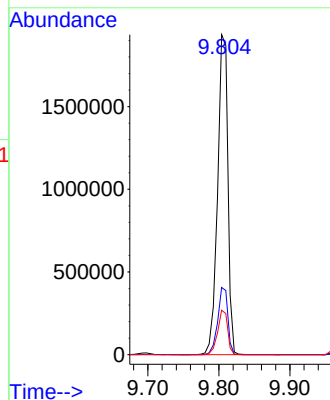
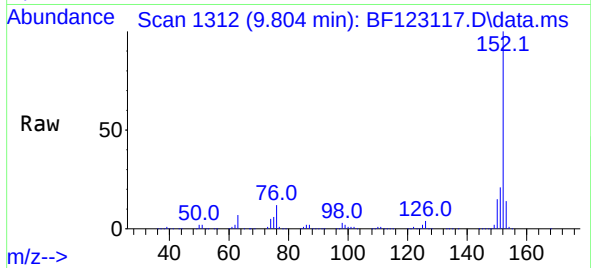




#49  
Acenaphthylene  
Concen: 40.03 ng  
RT: 9.804 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

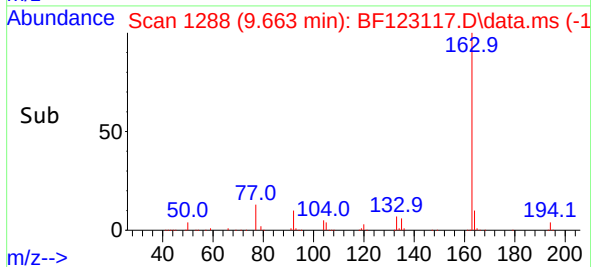
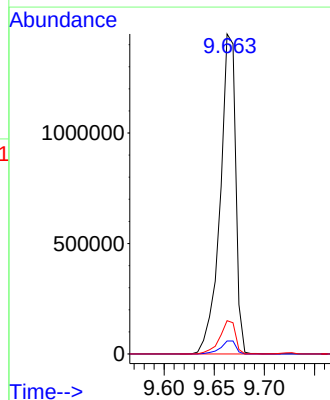
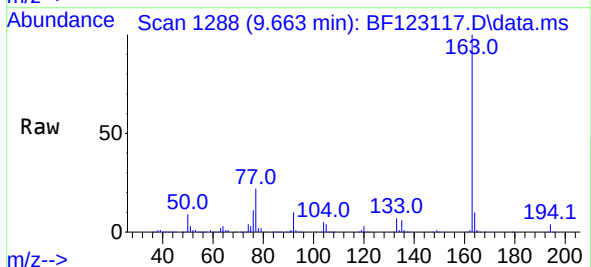
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

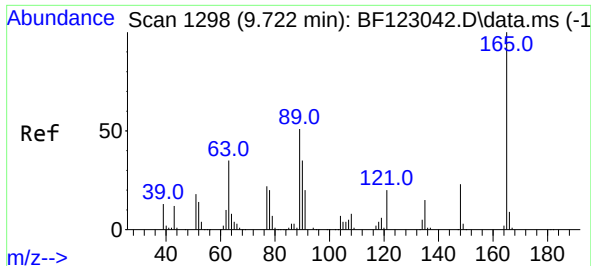
Tgt Ion:152 Resp: 1946944  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.6 25.0  
153 13.9 10.9 16.3



#50  
Dimethylphthalate  
Concen: 41.06 ng  
RT: 9.663 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:163 Resp: 1559232  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.4 8.1 12.1

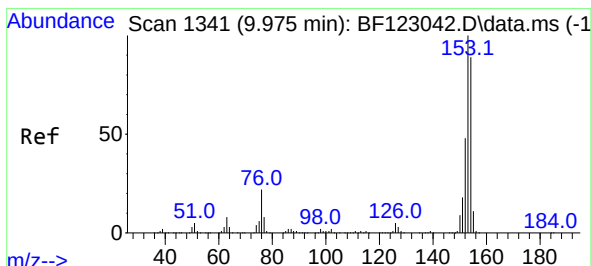
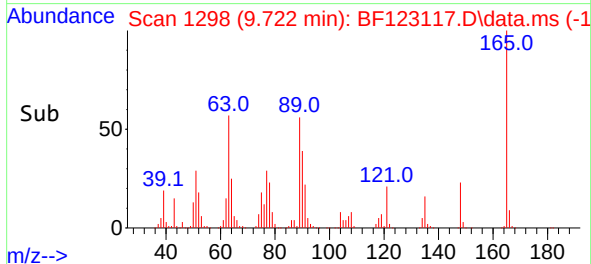
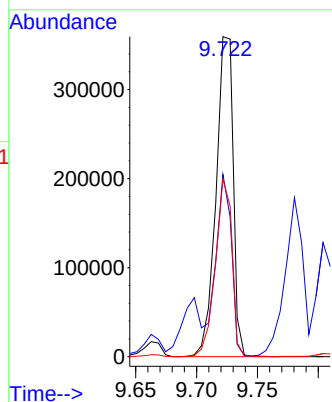
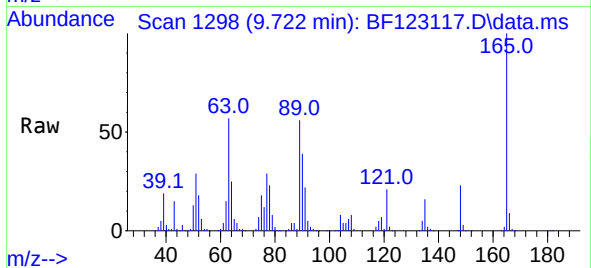




#51  
2,6-Dinitrotoluene  
Concen: 43.84 ng  
RT: 9.722 min Scan# 1298  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

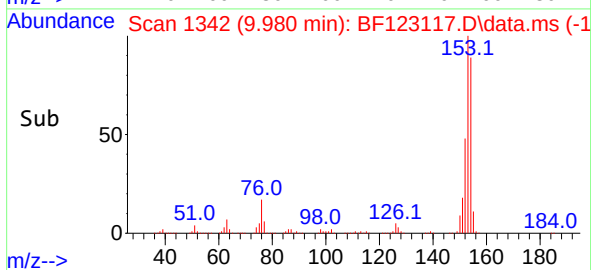
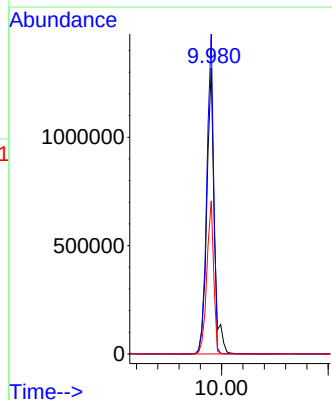
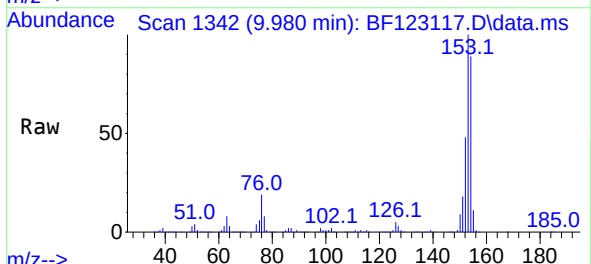
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

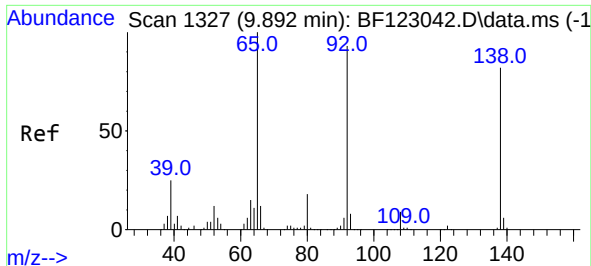
Tgt Ion:165 Resp: 354682  
Ion Ratio Lower Upper  
165 100  
63 56.9 36.6 55.0#  
89 55.5 39.4 59.0



#52  
Acenaphthene  
Concen: 41.03 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:154 Resp: 1282099  
Ion Ratio Lower Upper  
154 100  
153 111.9 89.0 133.6  
152 53.6 42.7 64.1

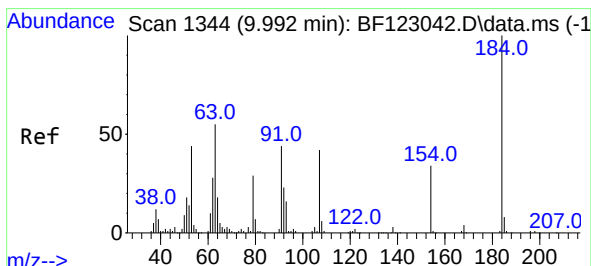
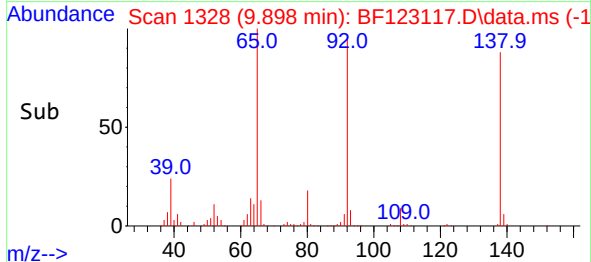
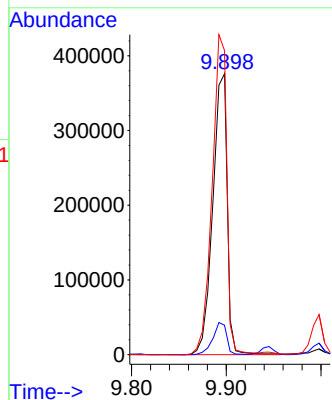
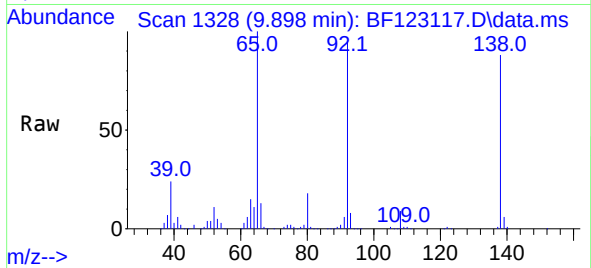




#53  
3-Nitroaniline  
Concen: 41.57 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

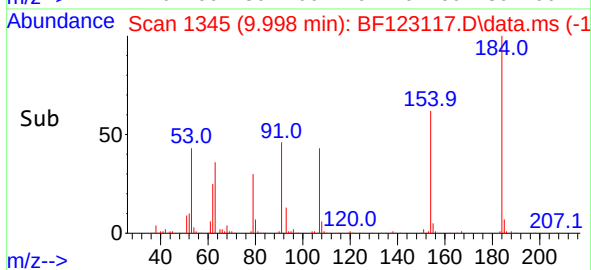
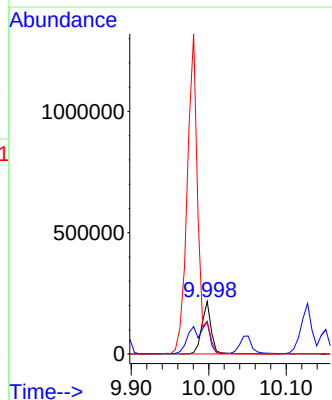
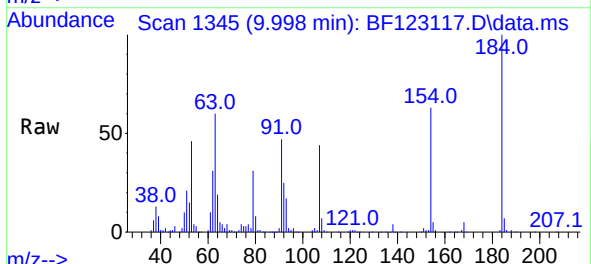
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

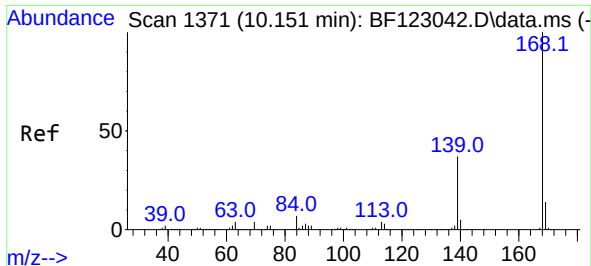
Tgt Ion:138 Resp: 397681  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.2 12.2  
92 108.3 85.4 128.2



#54  
2,4-Dinitrophenol  
Concen: 51.79 ng  
RT: 9.998 min Scan# 1345  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:184 Resp: 181833  
Ion Ratio Lower Upper  
184 100  
63 60.5 51.4 77.2  
154 62.6 49.7 74.5

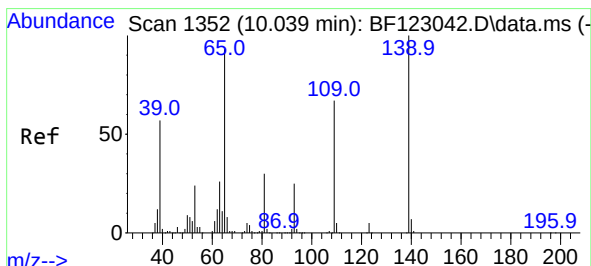
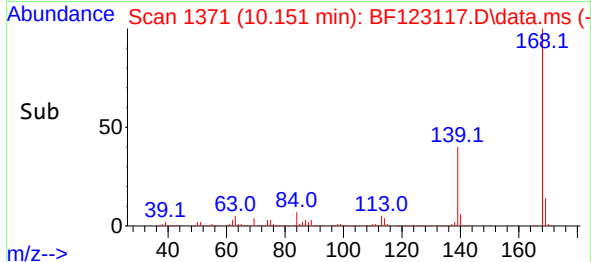
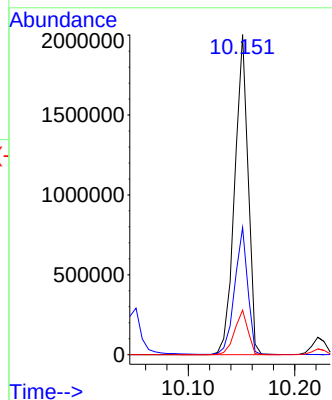
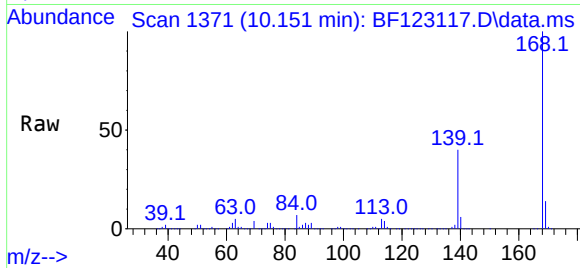




#55  
Dibenzofuran  
Concen: 38.62 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

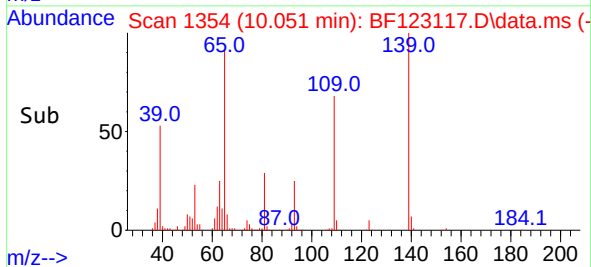
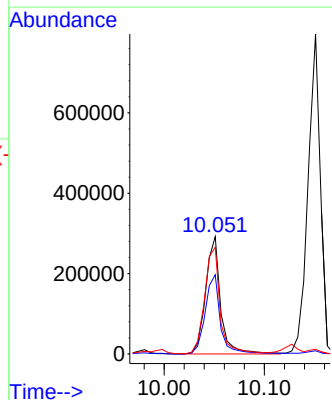
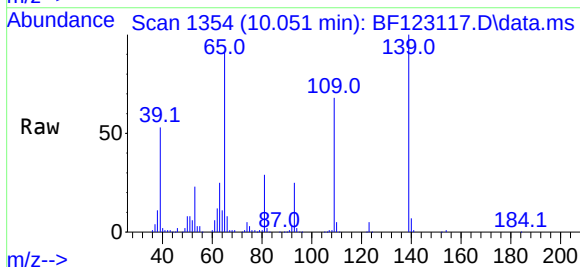
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

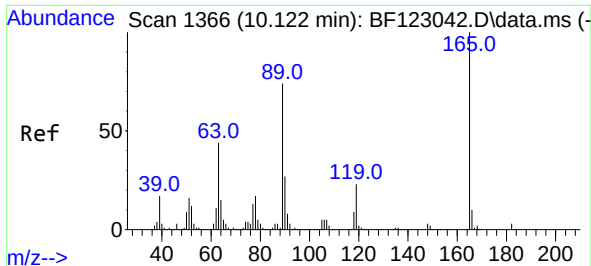
Tgt Ion:168 Resp: 1756087  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.3 46.9  
169 13.9 11.2 16.8



#56  
4-Nitrophenol  
Concen: 43.86 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. 0.012 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:139 Resp: 303264  
Ion Ratio Lower Upper  
139 100  
109 67.6 45.1 85.1  
65 91.0 59.2 99.2

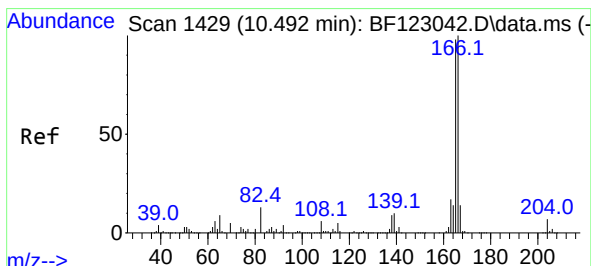
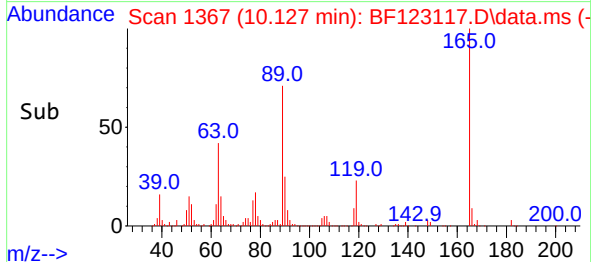
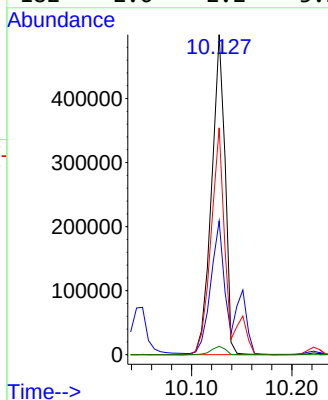
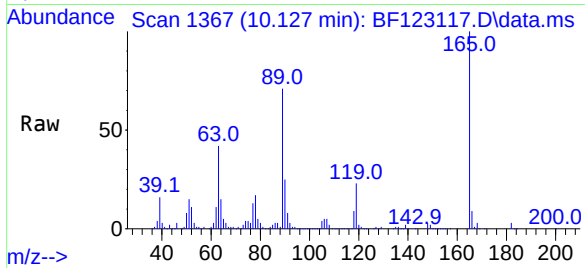




#57  
2,4-Dinitrotoluene  
Concen: 44.29 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

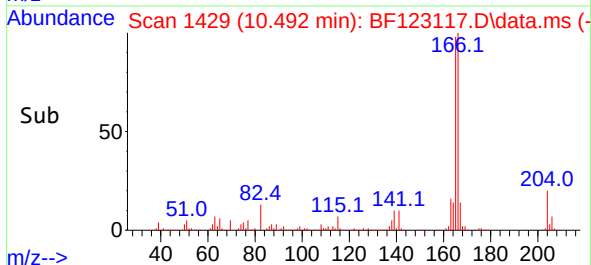
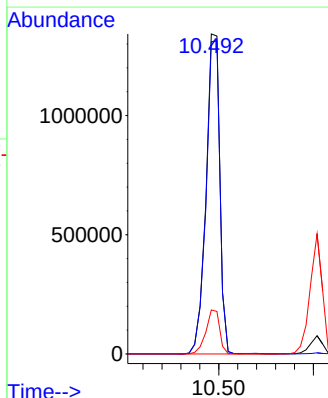
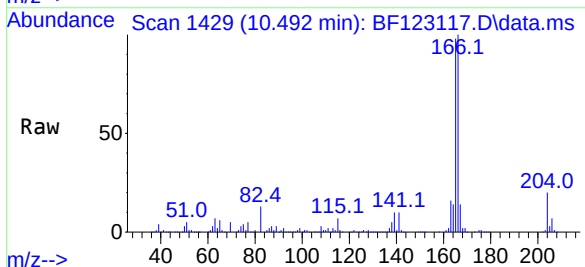
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:165 Resp: 465909  
Ion Ratio Lower Upper  
165 100  
63 41.8 34.3 51.5  
89 70.9 55.2 82.8  
182 2.6 2.2 3.2

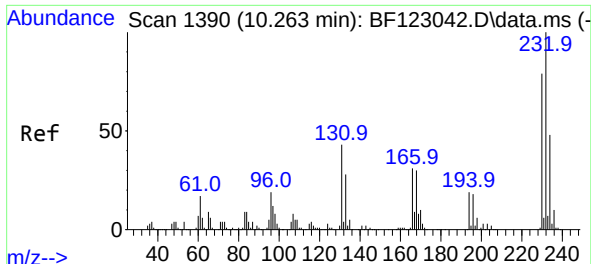


#58  
Fluorene  
Concen: 37.16 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:166 Resp: 1349554  
Ion Ratio Lower Upper  
166 100  
165 97.6 79.4 119.0  
167 13.7 10.9 16.3



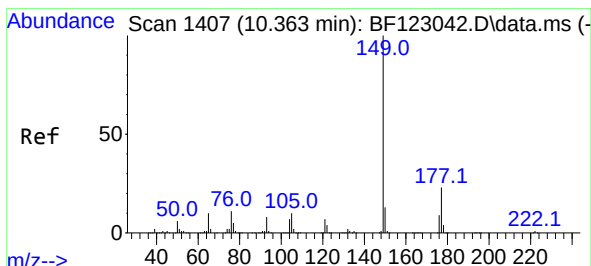
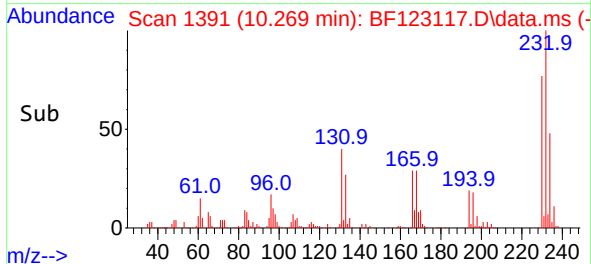
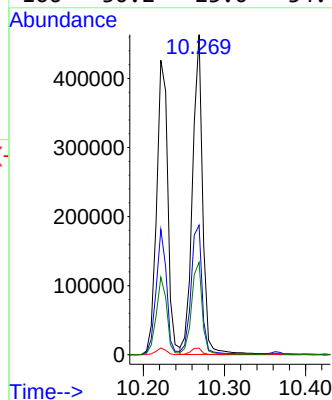
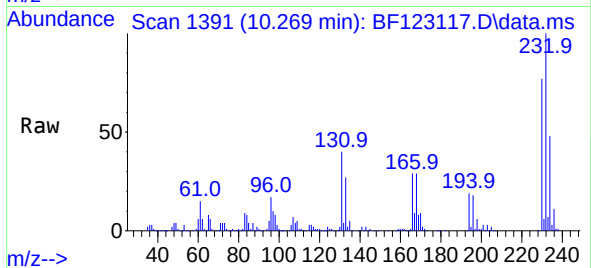




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.20 ng  
RT: 10.269 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

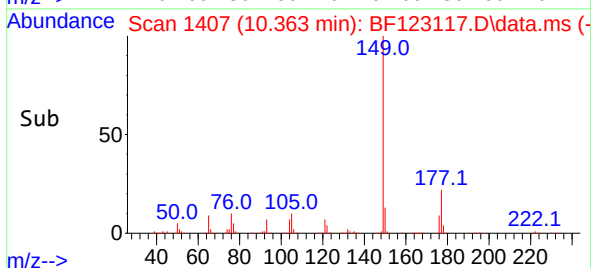
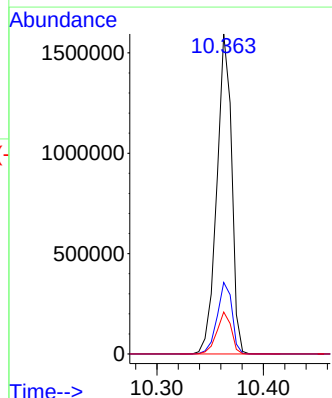
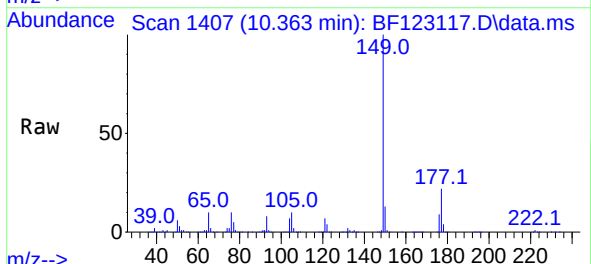
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

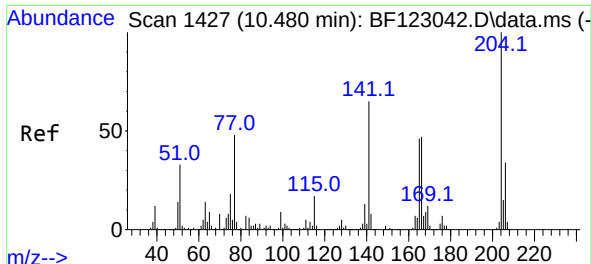
Tgt Ion:232 Resp: 404648  
Ion Ratio Lower Upper  
232 100  
131 44.1 33.0 49.4  
130 2.3 1.7 2.5  
166 30.2 23.0 34.4



#60  
Diethylphthalate  
Concen: 41.04 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:149 Resp: 1532478  
Ion Ratio Lower Upper  
149 100  
177 22.3 18.2 27.4  
150 13.1 10.1 15.1

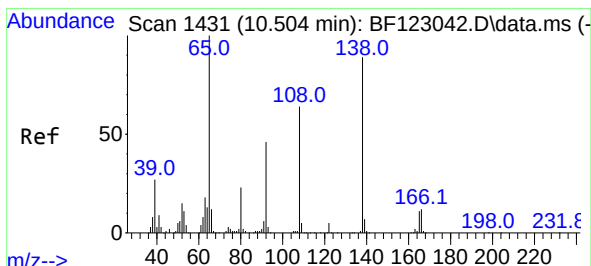
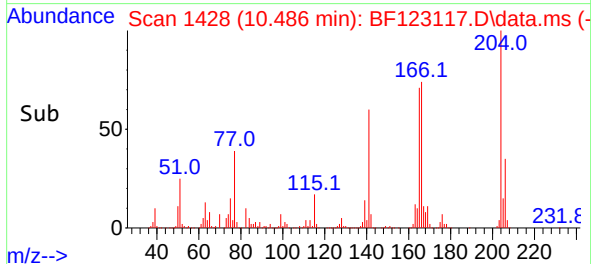
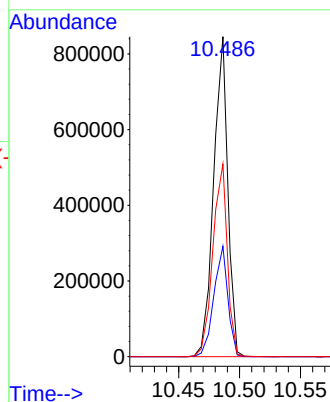
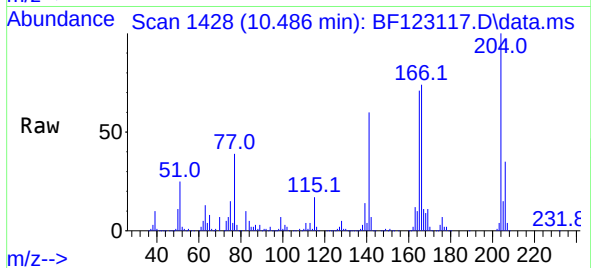




#61  
4-Chlorophenyl-phenylether  
Concen: 39.97 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

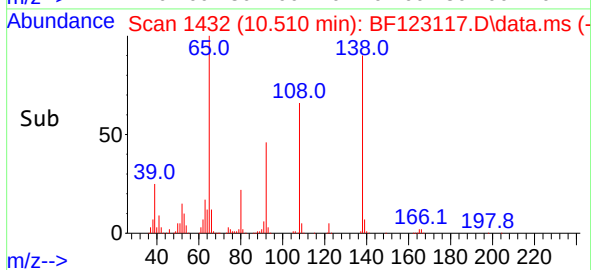
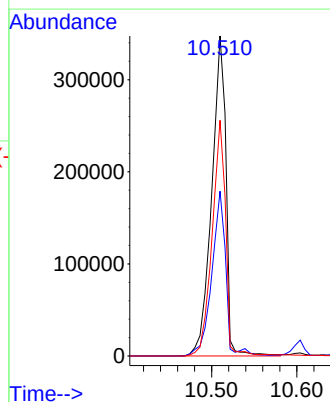
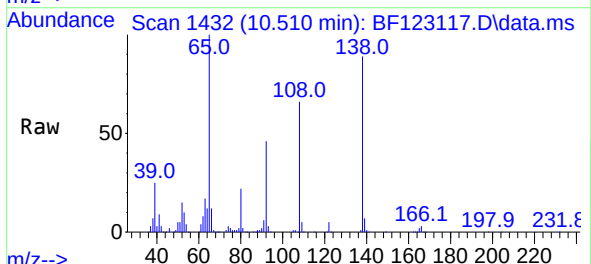
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

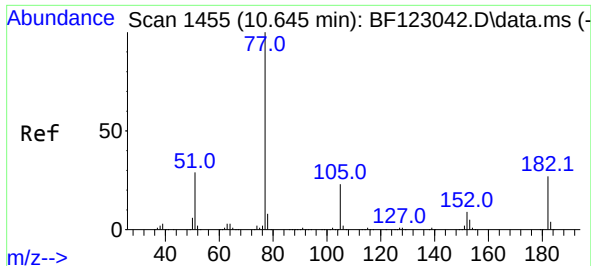
Tgt Ion:204 Resp: 682043  
Ion Ratio Lower Upper  
204 100  
206 34.5 27.0 40.4  
141 60.2 50.4 75.6



#62  
4-Nitroaniline  
Concen: 42.00 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:138 Resp: 403697  
Ion Ratio Lower Upper  
138 100  
92 51.5 31.0 71.0  
108 73.6 54.8 94.8



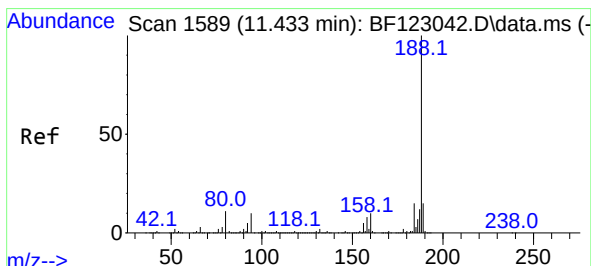
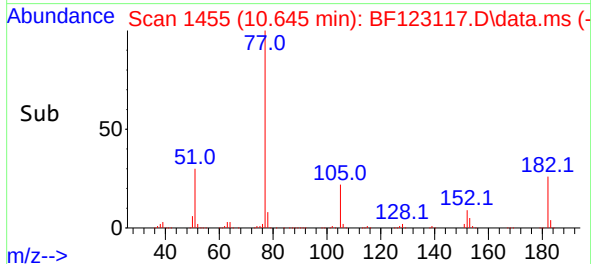
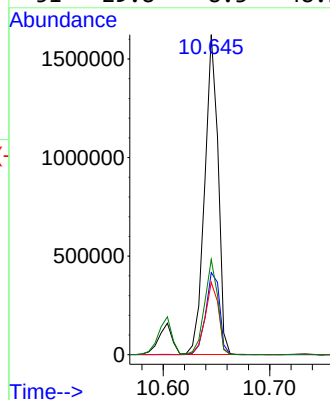
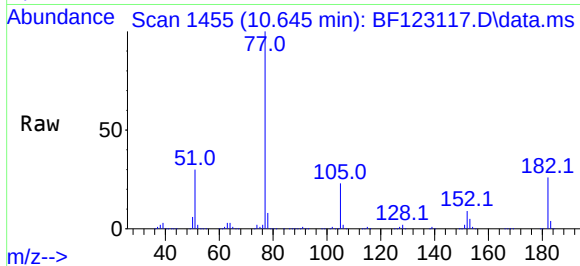


#63  
Azobenzene  
Concen: 38.92 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 77 Resp: 1422274

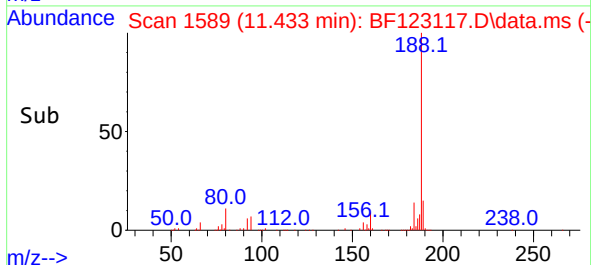
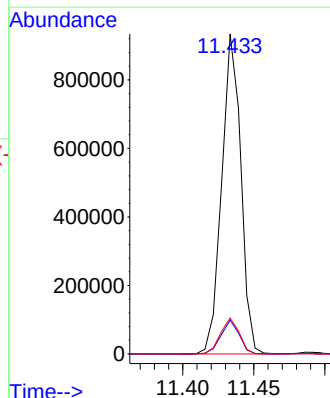
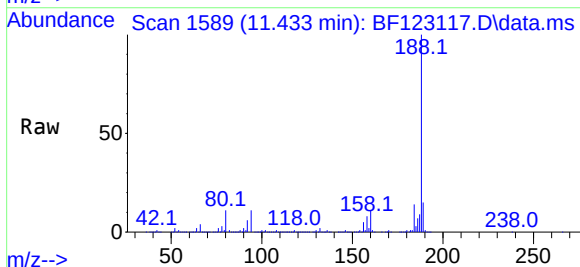
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.7  | 5.6   | 45.6  |
| 105 | 22.6  | 1.8   | 41.8  |
| 51  | 29.8  | 8.3   | 48.3  |

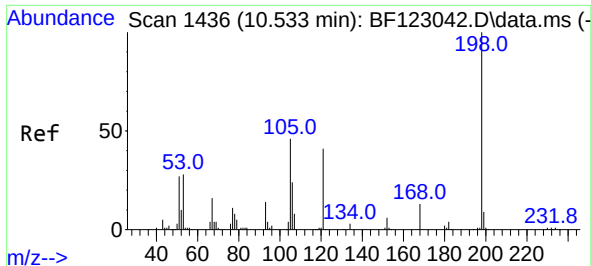


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:188 Resp: 873935

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.6  | 7.4   | 11.2  |
| 80  | 11.3  | 8.2   | 12.4  |

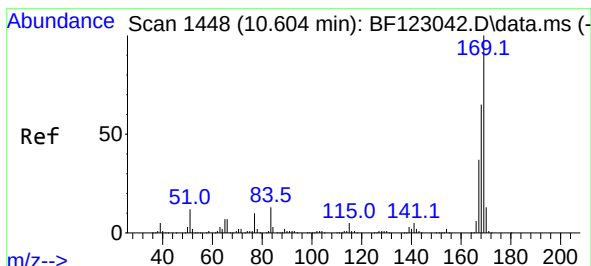
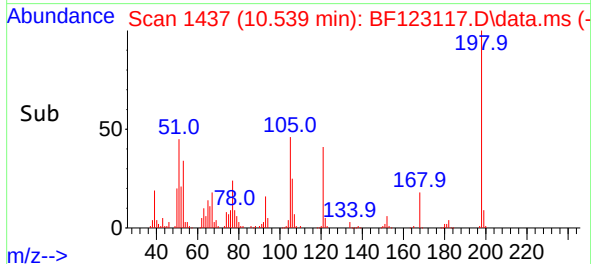
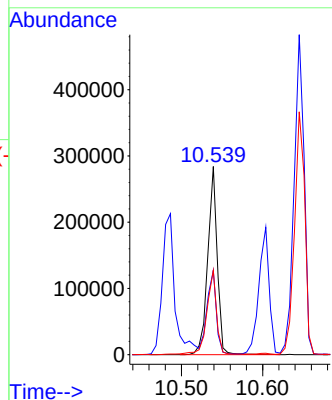
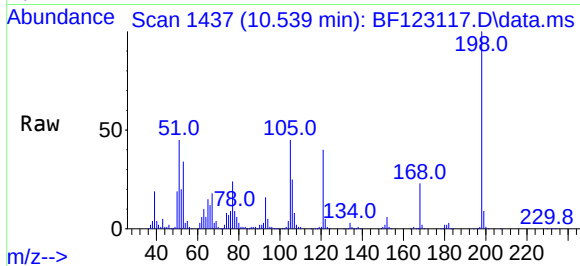




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.84 ng  
RT: 10.539 min Scan# 1437  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

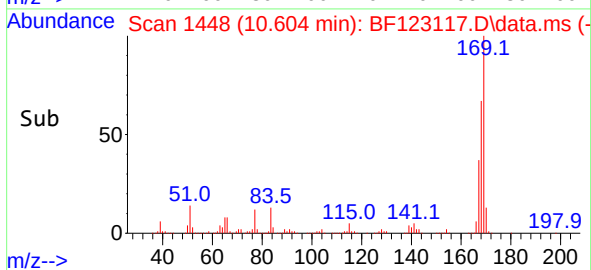
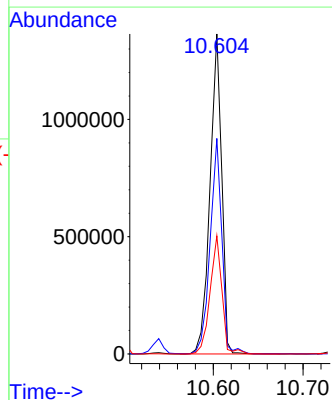
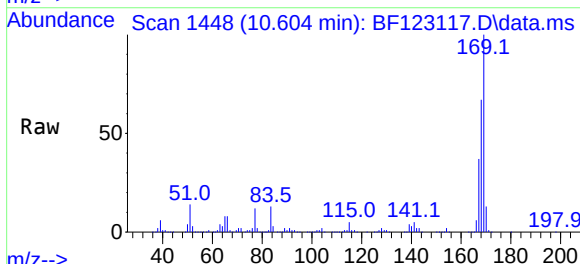
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

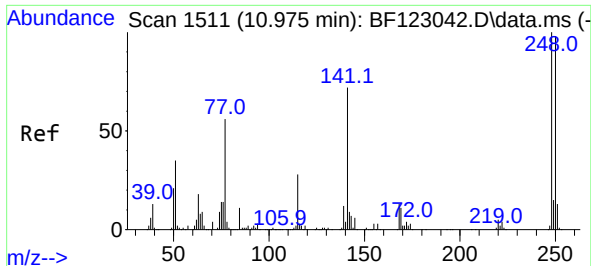
Tgt Ion:198 Resp: 230669  
Ion Ratio Lower Upper  
198 100  
51 44.7 20.3 60.3  
105 44.8 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 39.15 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:169 Resp: 1233111  
Ion Ratio Lower Upper  
169 100  
168 67.3 54.2 81.2  
167 36.9 29.2 43.8

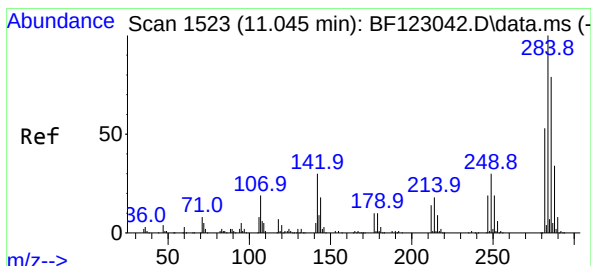
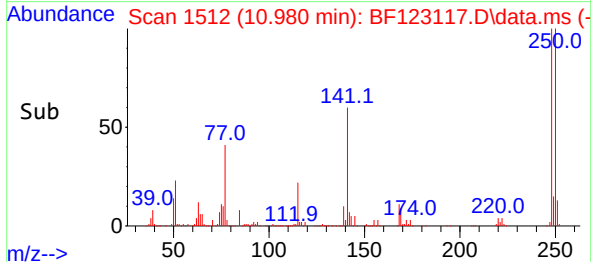
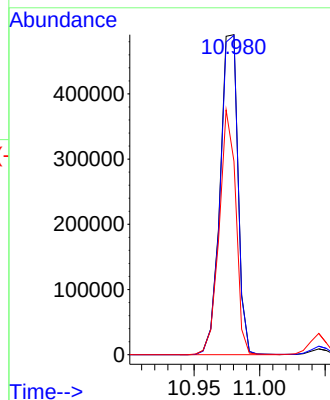
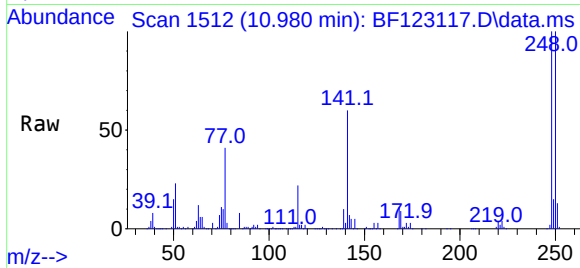




#67  
4-Bromophenyl-phenylether  
Concen: 41.73 ng  
RT: 10.980 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

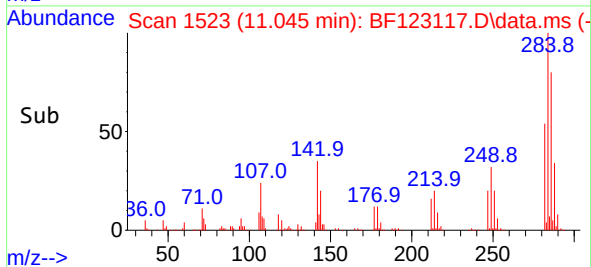
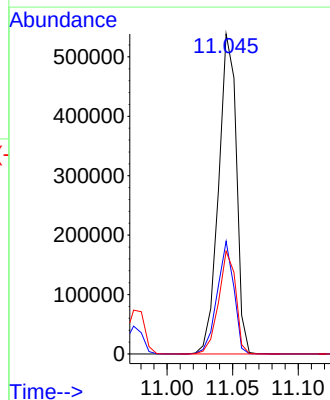
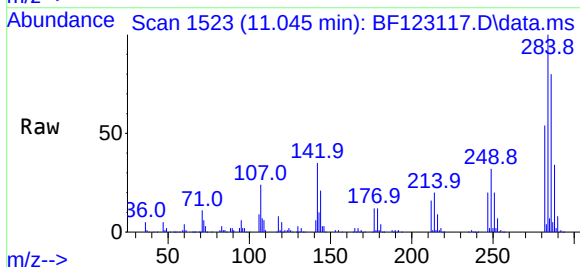
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

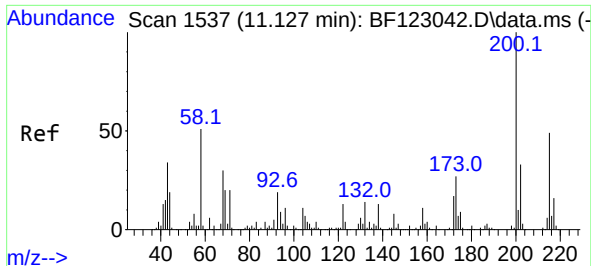
Tgt Ion:248 Resp: 464482  
Ion Ratio Lower Upper  
248 100  
250 99.8 76.8 115.2  
141 60.4 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 42.54 ng  
RT: 11.045 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:284 Resp: 507886  
Ion Ratio Lower Upper  
284 100  
142 35.2 25.6 38.4  
249 32.1 25.1 37.7

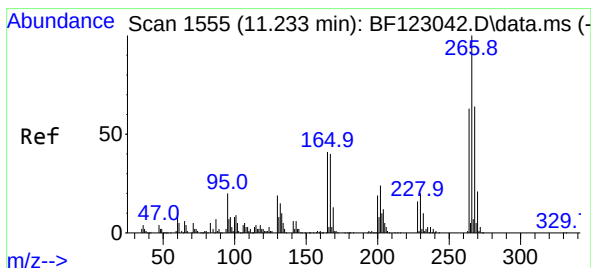
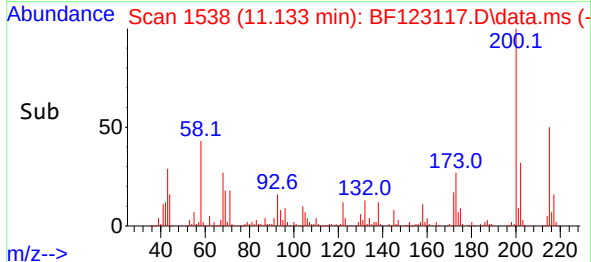
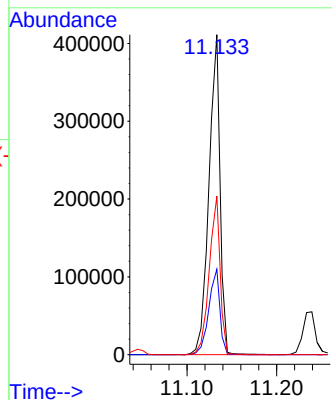
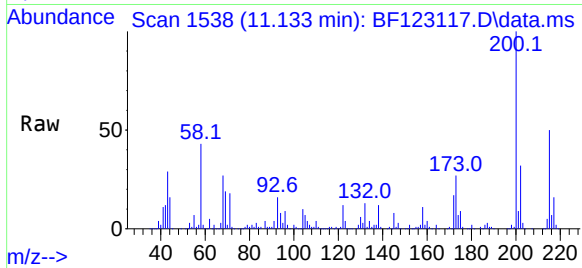




#69  
Atrazine  
Concen: 40.60 ng  
RT: 11.133 min Scan# 1538  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

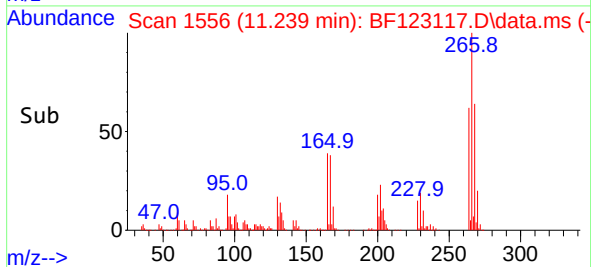
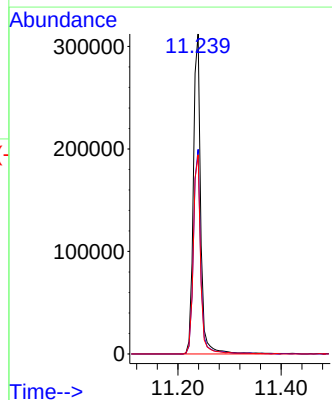
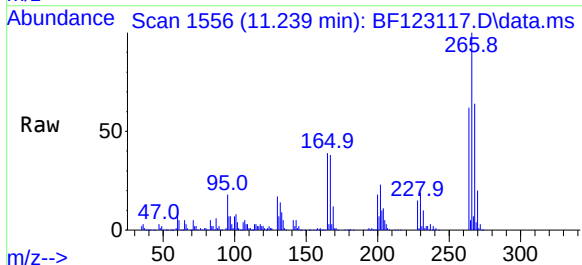
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

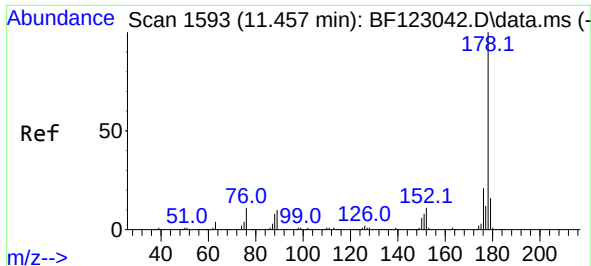
Tgt Ion:200 Resp: 353142  
Ion Ratio Lower Upper  
200 100  
173 26.7 6.6 46.6  
215 49.5 28.1 68.1



#70  
Pentachlorophenol  
Concen: 47.45 ng  
RT: 11.239 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:266 Resp: 307020  
Ion Ratio Lower Upper  
266 100  
268 64.0 50.5 75.7  
264 62.2 49.8 74.8

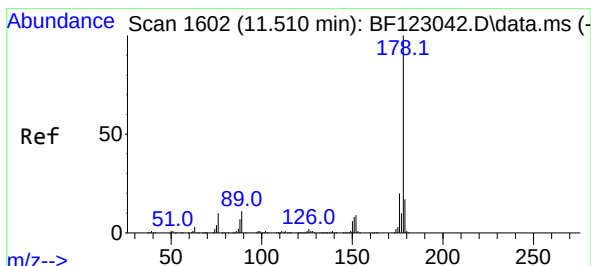
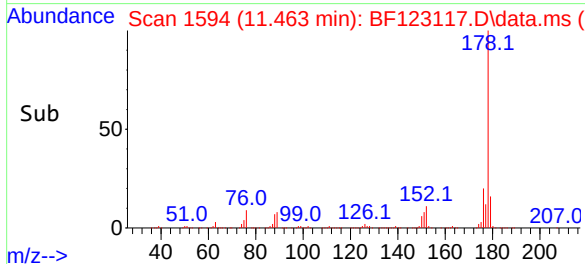
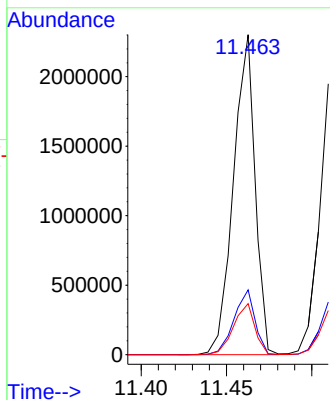
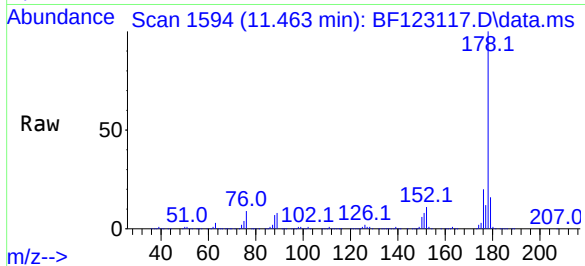




#71  
Phenanthrene  
Concen: 37.59 ng  
RT: 11.463 min Scan# 1594  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

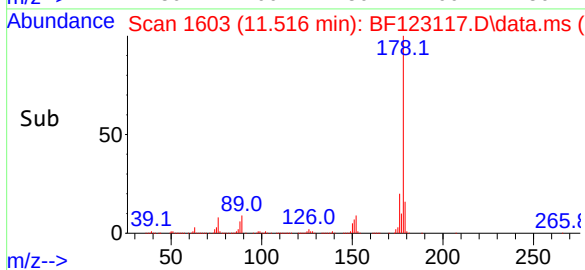
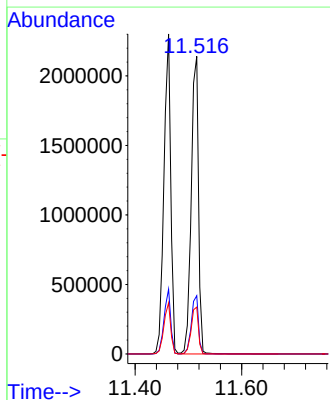
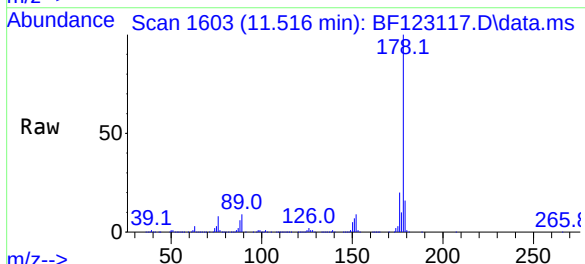
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

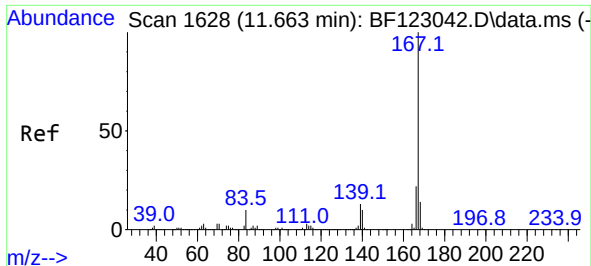
Tgt Ion:178 Resp: 2040369  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.2  
179 15.9 12.7 19.1



#72  
Anthracene  
Concen: 38.95 ng  
RT: 11.516 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

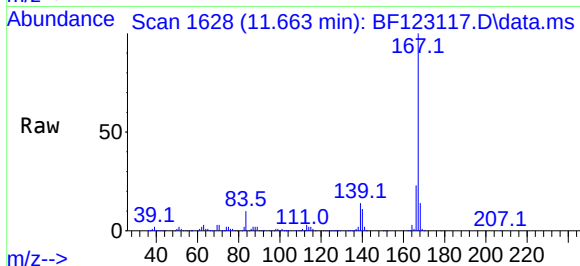
Tgt Ion:178 Resp: 2028073  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 15.7 12.8 19.2





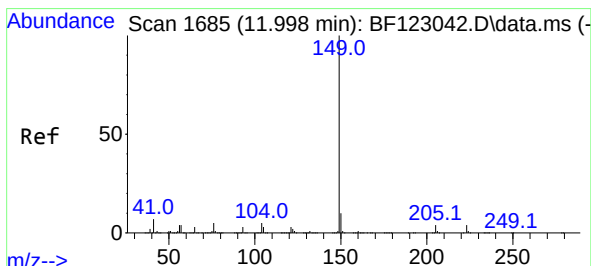
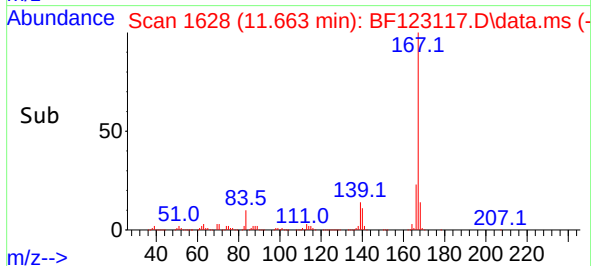
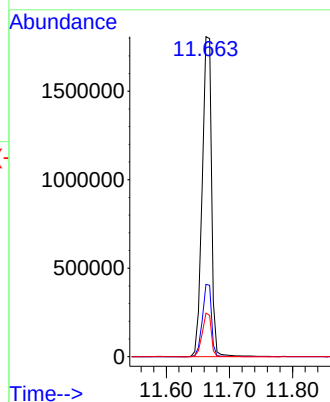
#73  
 Carbazole  
 Concen: 38.35 ng  
 RT: 11.663 min Scan# 1628  
 Delta R.T. -0.000 min  
 Lab File: BF123117.D  
 Acq: 4 Feb 2021 17:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

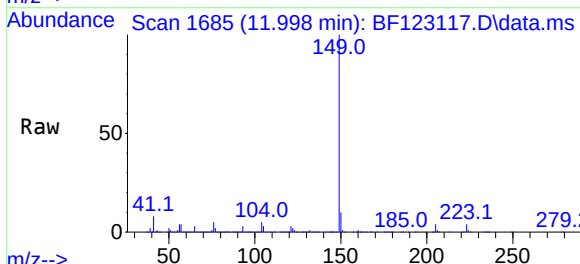


Tgt Ion:167 Resp: 1853178

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.6  | 18.0  | 27.0  |
| 139 | 13.6  | 10.9  | 16.3  |

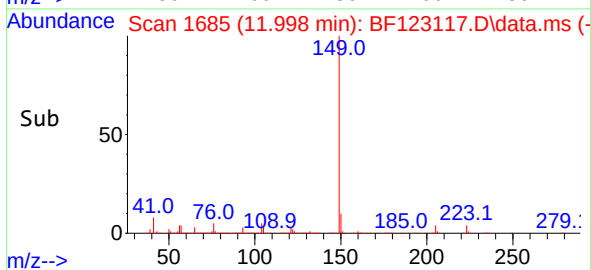
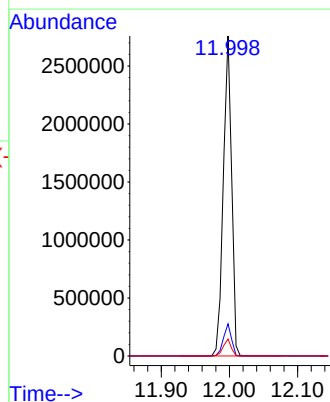


#74  
 Di-n-butylphthalate  
 Concen: 40.80 ng  
 RT: 11.998 min Scan# 1685  
 Delta R.T. -0.000 min  
 Lab File: BF123117.D  
 Acq: 4 Feb 2021 17:04

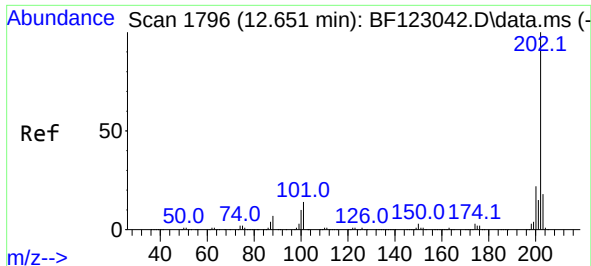


Tgt Ion:149 Resp: 2337617

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.0  | 7.8   | 11.6  |
| 104 | 5.3   | 4.2   | 6.4   |

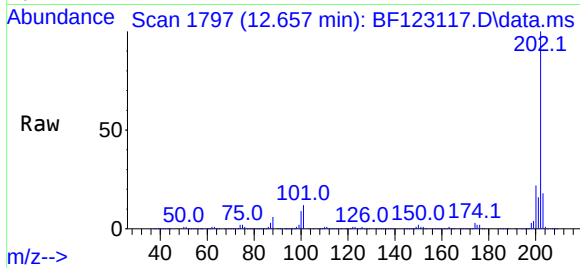




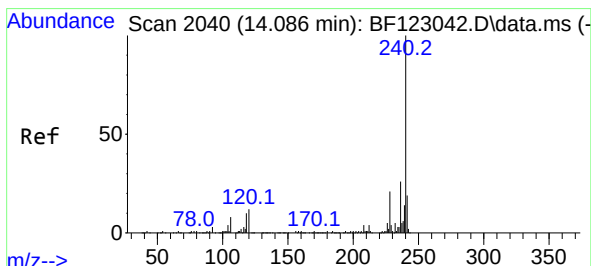
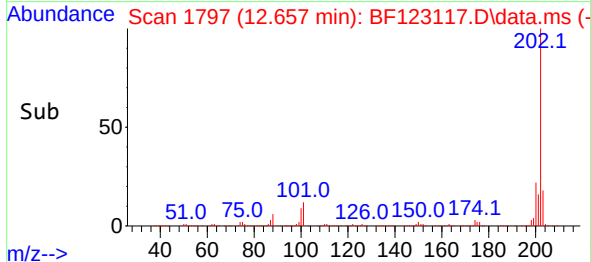
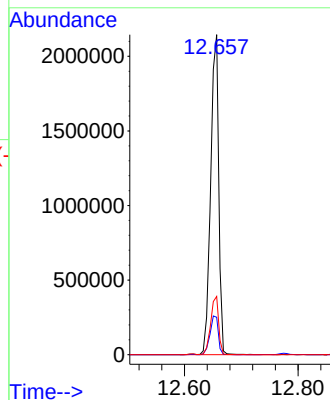


#75  
Fluoranthene  
Concen: 38.61 ng  
RT: 12.657 min Scan# 1797  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

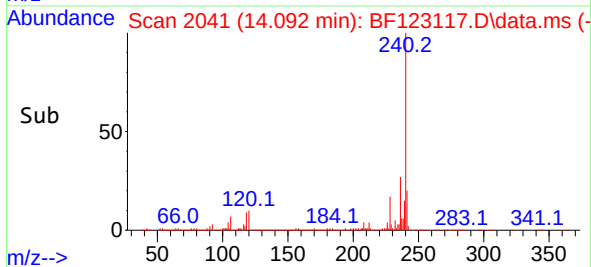
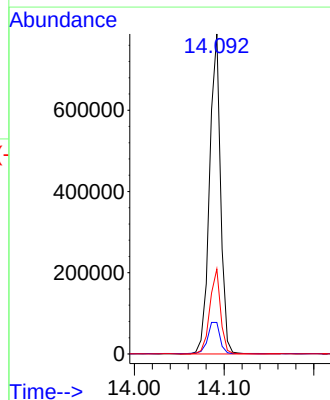
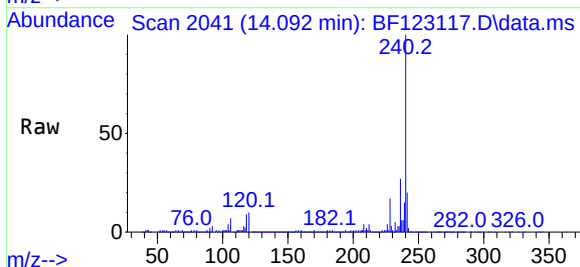


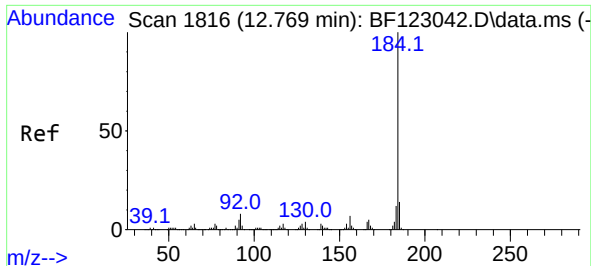
Tgt Ion:202 Resp: 2094640  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 32.2  
203 18.2 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.092 min Scan# 2041  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:240 Resp: 672863  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.6 12.8  
236 26.5 20.3 30.5

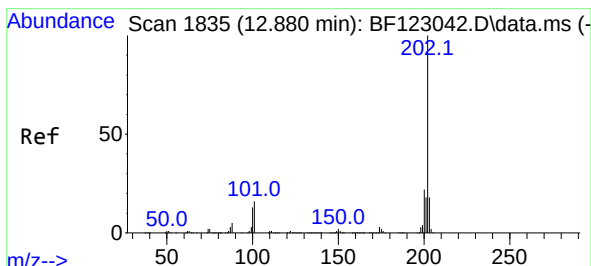
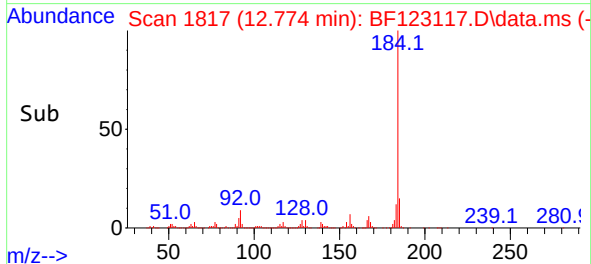
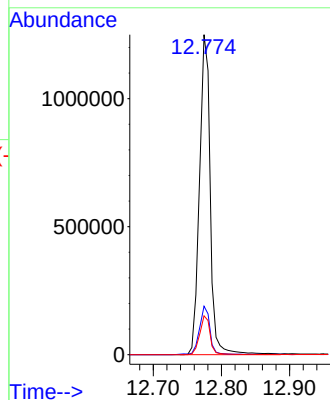
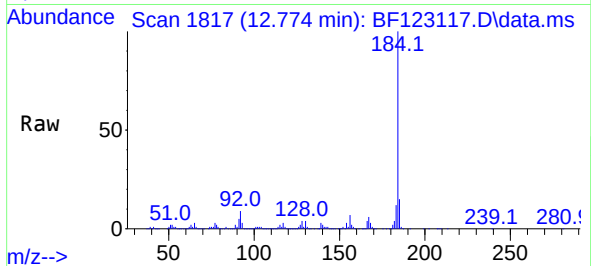




#77  
Benzidine  
Concen: 89.92 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

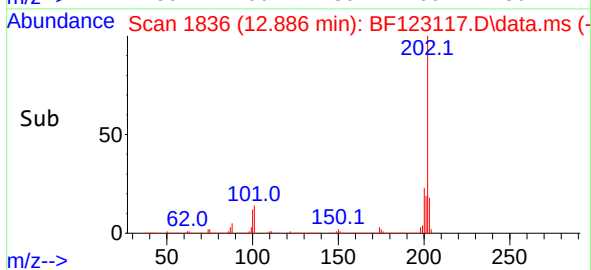
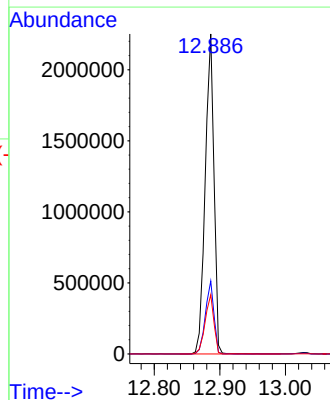
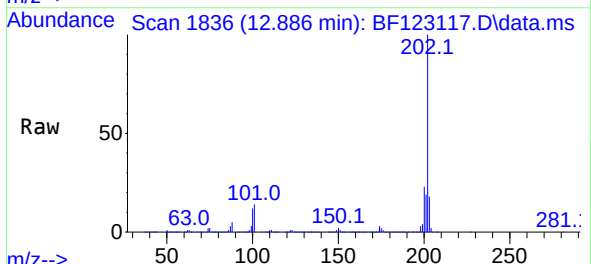
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

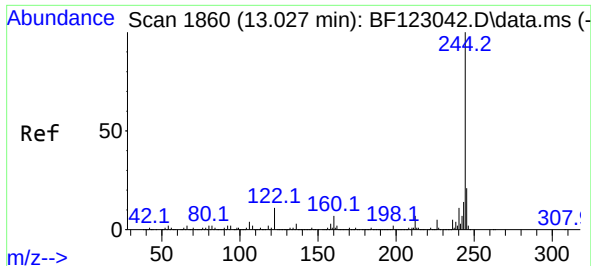
Tgt Ion:184 Resp: 1369098  
Ion Ratio Lower Upper  
184 100  
185 15.1 11.8 17.6  
183 12.2 9.7 14.5



#78  
Pyrene  
Concen: 41.35 ng  
RT: 12.886 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:202 Resp: 2100456  
Ion Ratio Lower Upper  
202 100  
200 22.8 17.6 26.4  
203 18.5 14.6 21.8

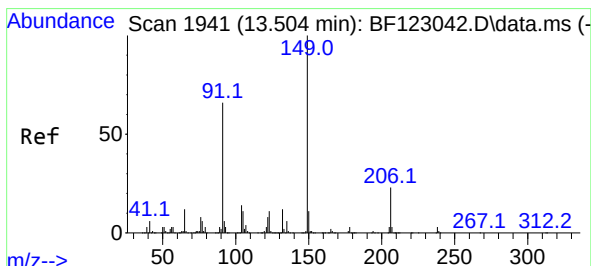
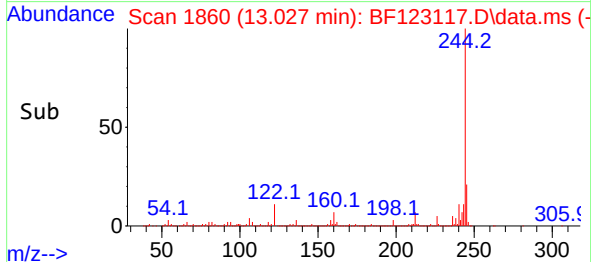
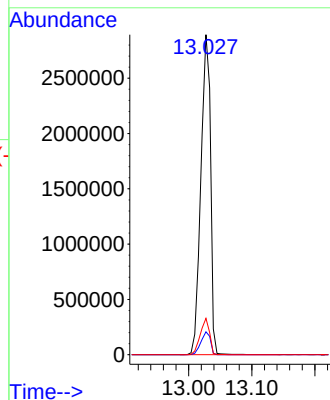
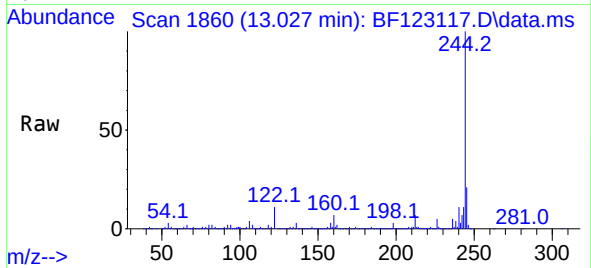




#79  
Terphenyl-d14  
Concen: 89.41 ng  
RT: 13.027 min Scan# 1860  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

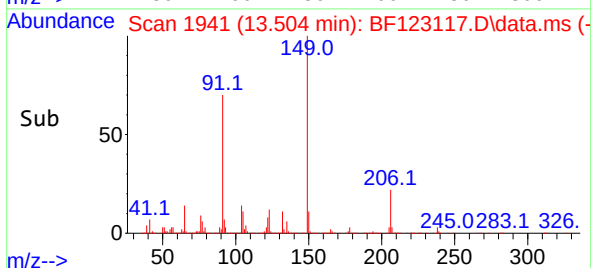
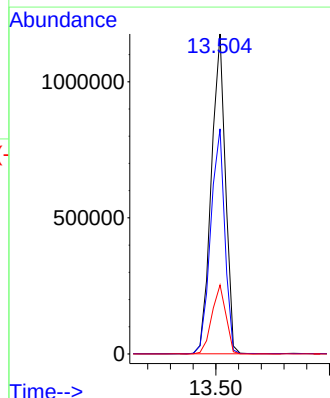
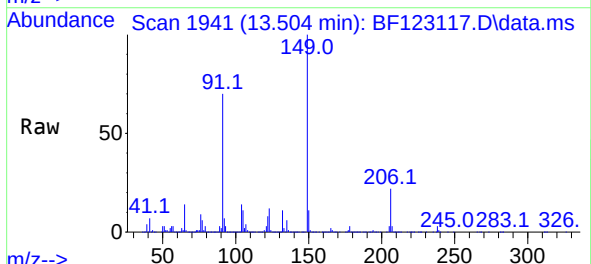
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

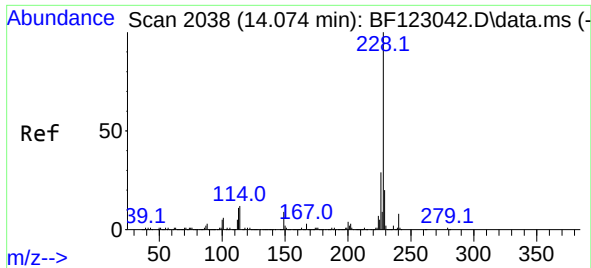
Tgt Ion:244 Resp: 3062042  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.7 8.5  
122 11.3 8.3 12.5



#80  
Butylbenzylphthalate  
Concen: 46.11 ng  
RT: 13.504 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:149 Resp: 1007880  
Ion Ratio Lower Upper  
149 100  
91 70.3 56.5 84.7  
206 21.5 17.0 25.6

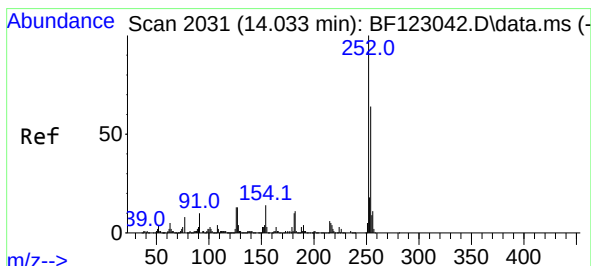
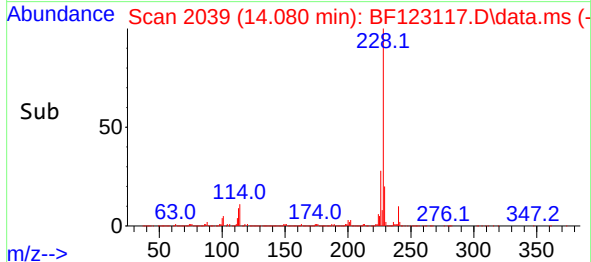
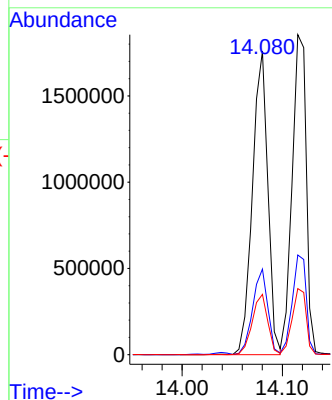
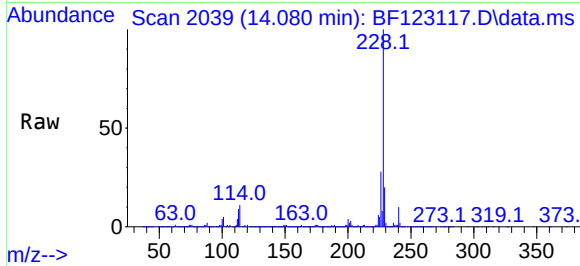




#81  
Benzo(a)anthracene  
Concen: 41.19 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

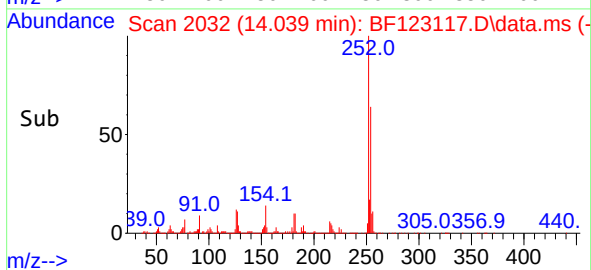
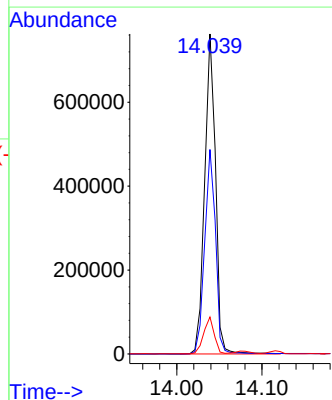
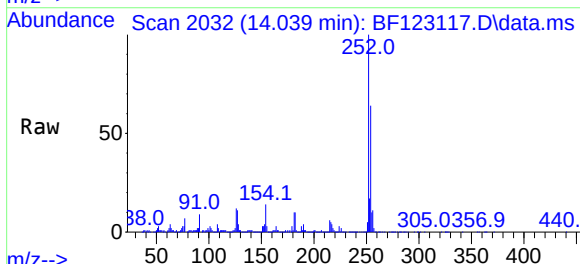
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

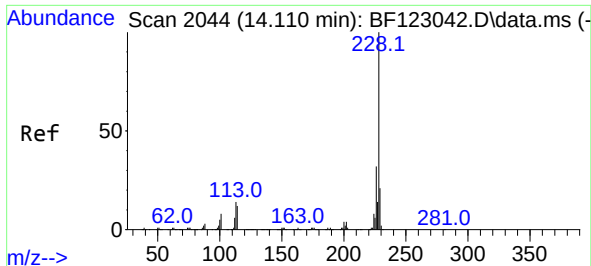
Tgt Ion:228 Resp: 1875747  
Ion Ratio Lower Upper  
228 100  
226 28.2 23.0 34.4  
229 19.9 16.6 24.8



#82  
3,3'-Dichlorobenzidine  
Concen: 47.10 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:252 Resp: 675016  
Ion Ratio Lower Upper  
252 100  
254 63.9 52.7 79.1  
126 11.6 8.0 12.0

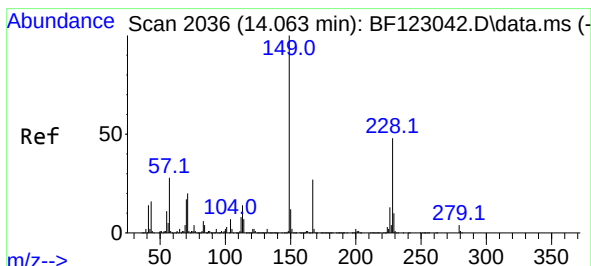
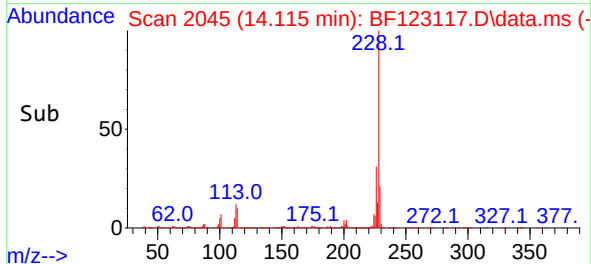
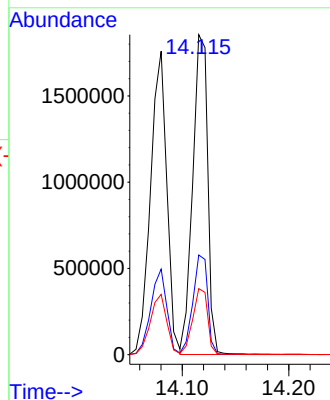
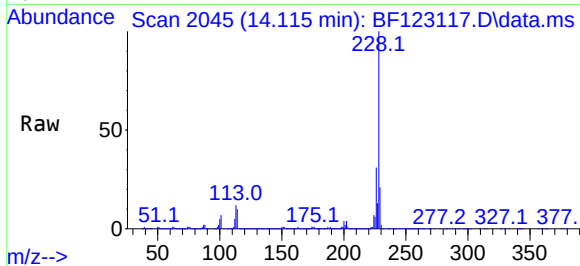




#83  
Chrysene  
Concen: 39.91 ng  
RT: 14.115 min Scan# 2045  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

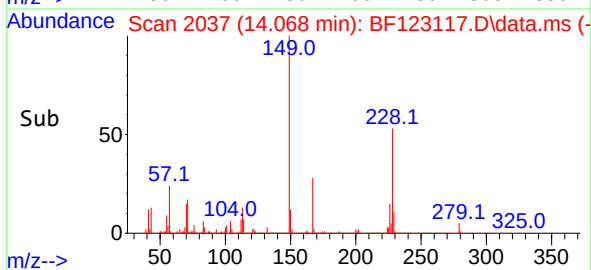
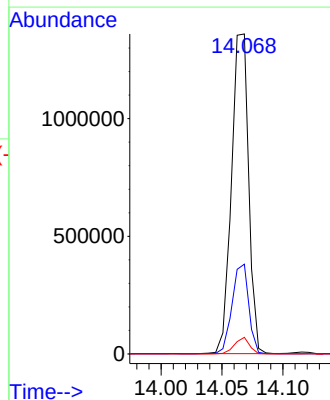
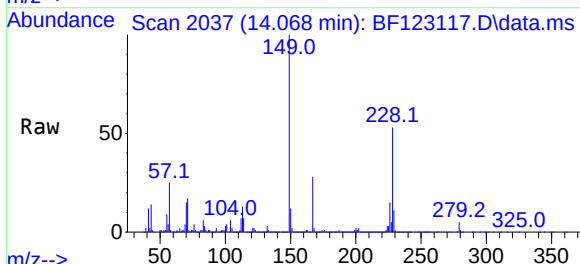
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

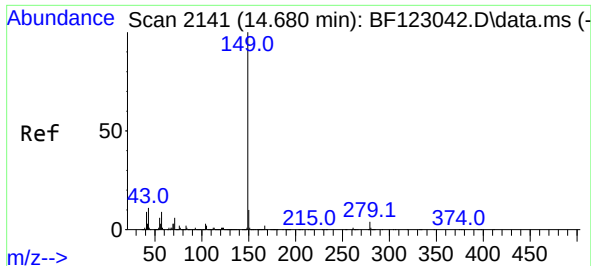
Tgt Ion:228 Resp: 1818806  
Ion Ratio Lower Upper  
228 100  
226 31.2 24.6 36.8  
229 20.7 15.8 23.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.74 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:149 Resp: 1328315  
Ion Ratio Lower Upper  
149 100  
167 28.1 21.4 32.2  
279 5.2 3.4 5.0#

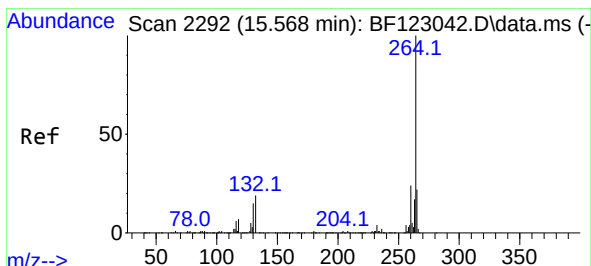
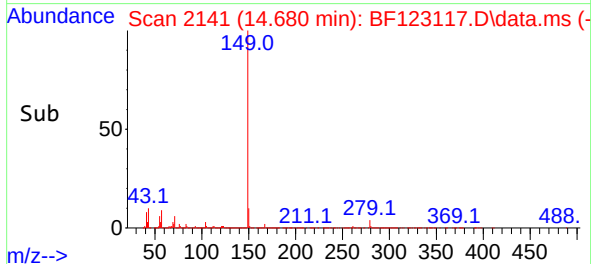
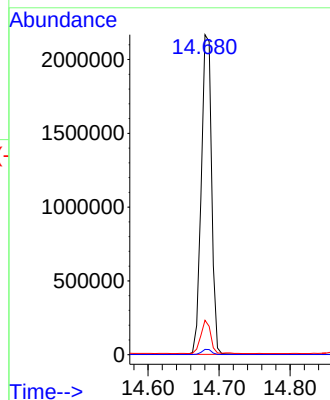
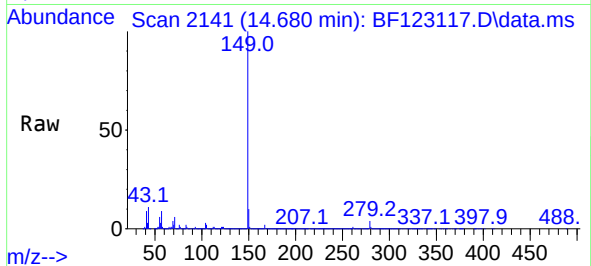




#85  
Di-n-octyl phthalate  
Concen: 44.98 ng  
RT: 14.680 min Scan# 2141  
Delta R.T. -0.000 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

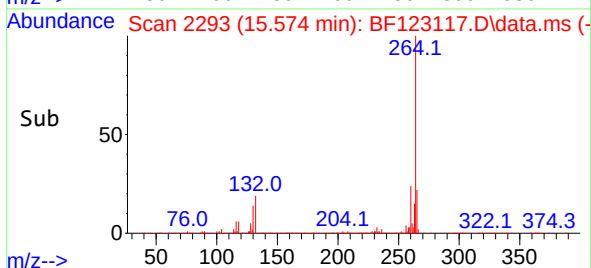
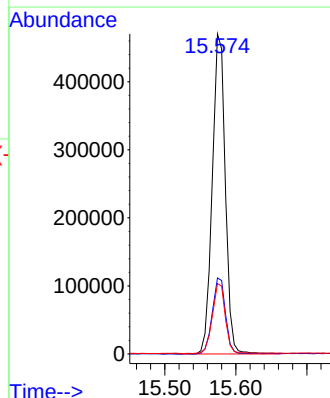
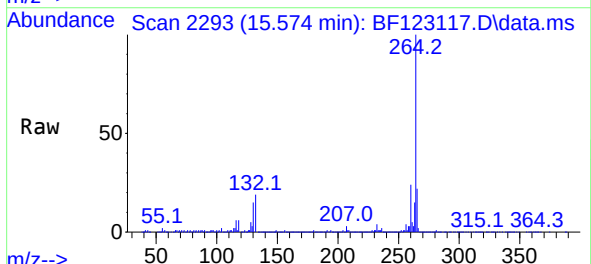
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

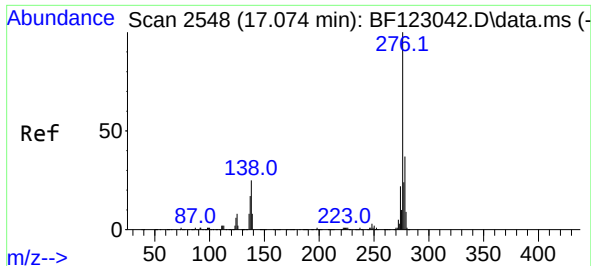
Tgt Ion:149 Resp: 2194152  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.8 7.6 11.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.574 min Scan# 2293  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:264 Resp: 600511  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.6 28.0  
265 22.0 17.0 25.6

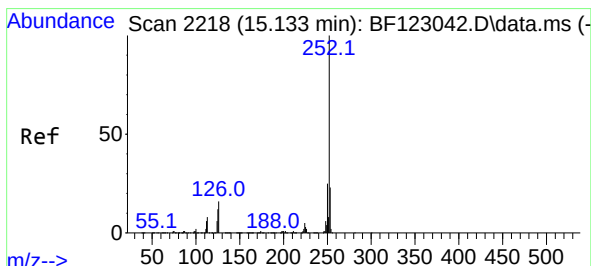
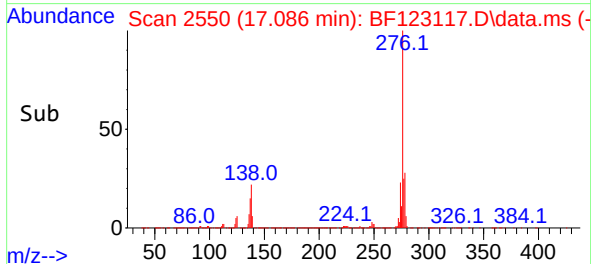
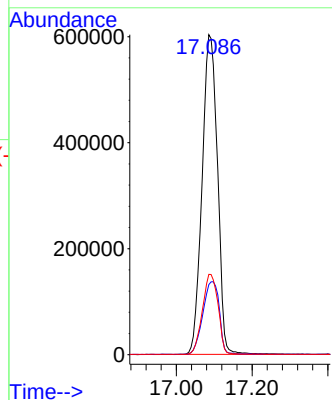
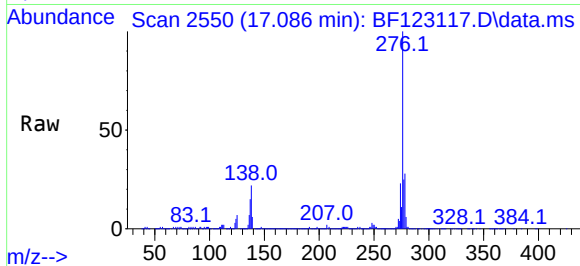




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.63 ng  
RT: 17.086 min Scan# 2550  
Delta R.T. 0.012 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

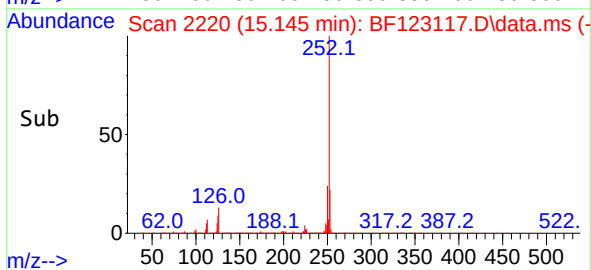
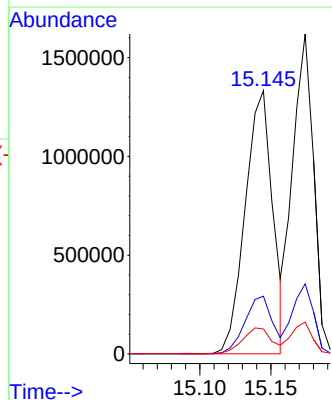
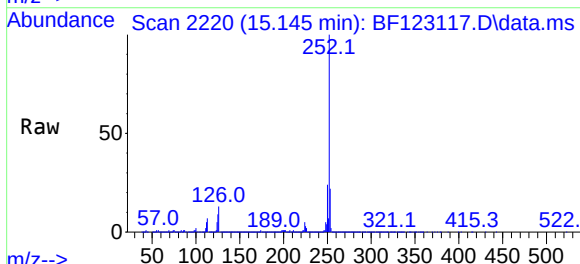
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

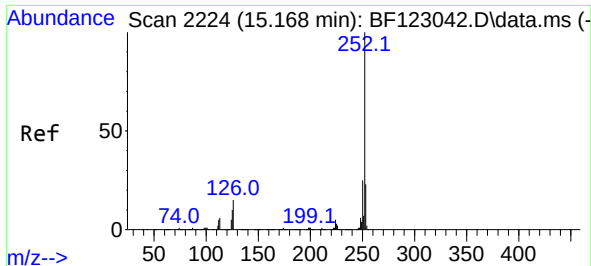
Tgt Ion:276 Resp: 1704789  
Ion Ratio Lower Upper  
276 100  
138 24.3 18.7 28.1  
277 25.5 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 41.31 ng  
RT: 15.145 min Scan# 2220  
Delta R.T. 0.012 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:252 Resp: 1790666  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.3 27.5  
125 9.5 8.1 12.1

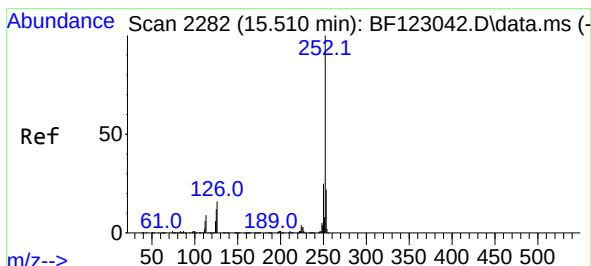
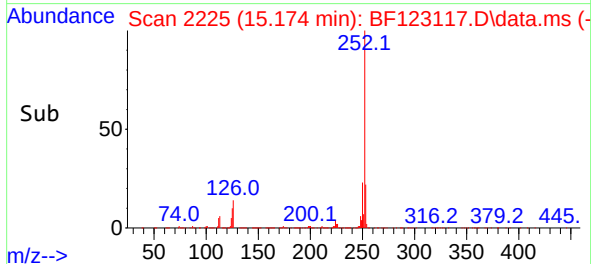
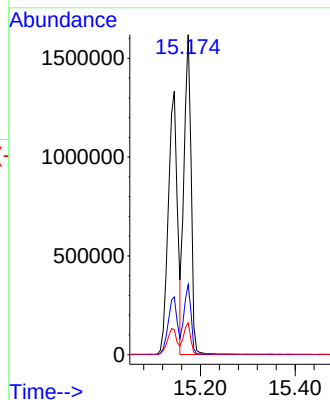
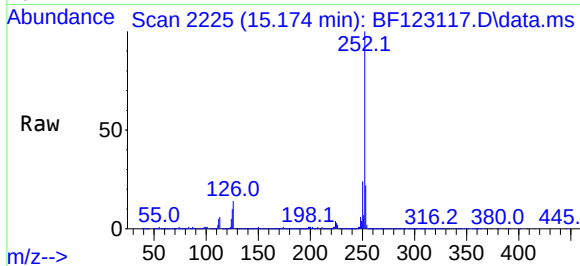




#89  
Benzo(k)fluoranthene  
Concen: 41.73 ng  
RT: 15.174 min Scan# 2225  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

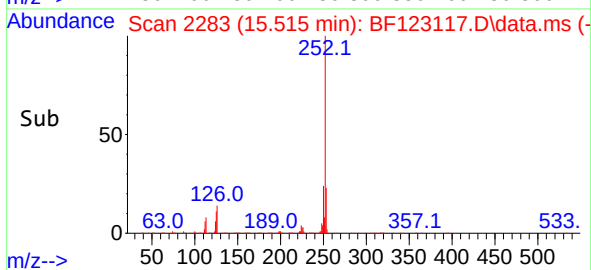
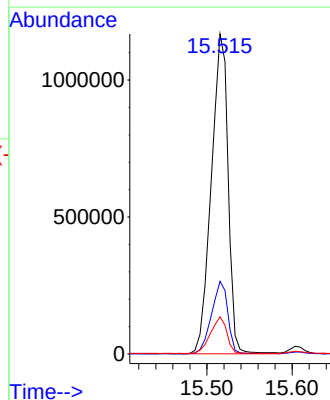
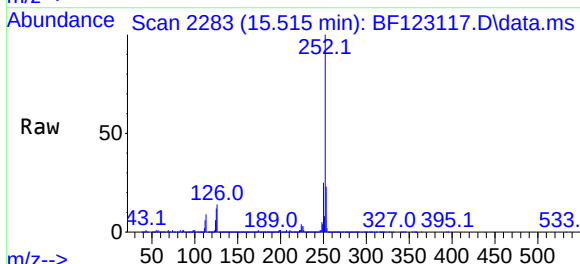
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:252 Resp: 1680833  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 10.0 8.4 12.6

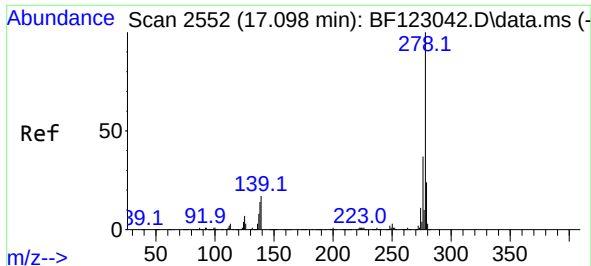


#90  
Benzo(a)pyrene  
Concen: 41.95 ng  
RT: 15.515 min Scan# 2283  
Delta R.T. 0.006 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:252 Resp: 1596961  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.5 26.3  
125 11.6 8.6 12.8



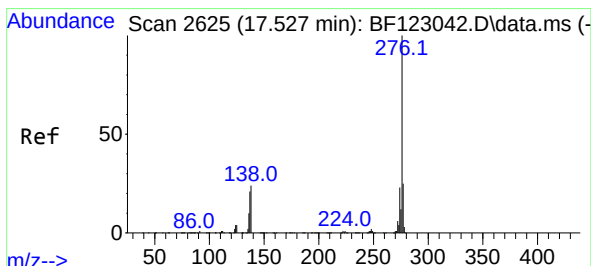
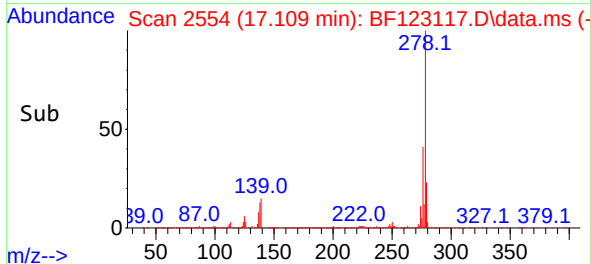
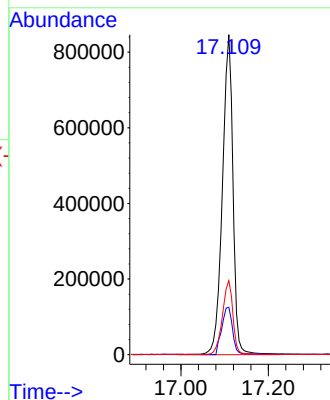
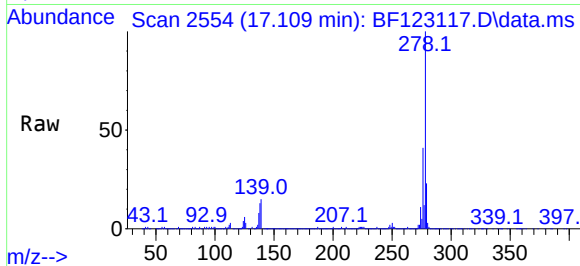




#91  
Dibenzo(a,h)anthracene  
Concen: 42.91 ng  
RT: 17.109 min Scan# 2554  
Delta R.T. 0.012 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:278 Resp: 1412520  
Ion Ratio Lower Upper  
278 100  
139 14.8 12.0 18.0  
279 23.1 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 42.36 ng  
RT: 17.551 min Scan# 2629  
Delta R.T. 0.023 min  
Lab File: BF123117.D  
Acq: 4 Feb 2021 17:04

Tgt Ion:276 Resp: 1351178  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.3 28.9  
138 20.6 16.6 24.8

