

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010521\  
 Data File : BF122921.D  
 Acq On : 5 Jan 2021 14:13  
 Operator : JU/CG  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Jan 05 14:57:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF010521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 05 14:20:20 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.804  | 152  | 87706    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.092  | 136  | 305811   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.851  | 164  | 158170   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.339 | 188  | 282588   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.992 | 240  | 226267   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.456 | 264  | 213773   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 551691   | 99.58  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.451  | 99   | 686231   | 93.40  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.375  | 82   | 604065   | 98.97  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 200031   | 96.62  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.174  | 172  | 1122322  | 95.97  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 1294624  | 100.15 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.498  | 88   | 126182   | 48.46  | ng    | 97       |
| 3) Pyridine                   | 3.240  | 79   | 326563   | 47.45  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.198  | 42   | 129128   | 46.79  | ng    | 93       |
| 6) Aniline                    | 6.469  | 93   | 394778   | 45.65  | ng    | # 85     |
| 8) 2-Chlorophenol             | 6.592  | 128  | 295608   | 48.41  | ng    | 98       |
| 9) Benzaldehyde               | 6.357  | 77   | 165636   | 37.25  | ng    | 93       |
| 10) Phenol                    | 6.463  | 94   | 354544   | 46.57  | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 6.545  | 93   | 273380   | 47.00  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.745  | 146  | 354408   | 49.05  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.822  | 146  | 357059   | 49.01  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.981  | 146  | 328350   | 46.69  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.957  | 79   | 234789   | 46.41  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.086  | 45   | 343431   | 41.41  | ng    | 93       |
| 17) 2-Methylphenol            | 7.069  | 107  | 231717   | 47.74  | ng    | 98       |
| 18) Hexachloroethane          | 7.316  | 117  | 128343   | 49.43  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.228  | 70   | 184526   | 43.84  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.222  | 107  | 281678   | 45.94  | ng    | 90       |
| 22) Acetophenone              | 7.222  | 105  | 374282   | 49.22  | ng    | 97       |
| 24) Nitrobenzene              | 7.392  | 77   | 294796   | 48.55  | ng    | 98       |
| 25) Isophorone                | 7.633  | 82   | 492179   | 46.82  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.710  | 139  | 154744   | 52.25  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 211724   | 48.78  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.845  | 93   | 340382   | 47.28  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 247642   | 48.85  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.033  | 180  | 287609   | 50.08  | ng    | 100      |
| 31) Naphthalene               | 8.116  | 128  | 833867   | 49.41  | ng    | 99       |
| 32) Benzoic acid              | 7.898  | 122  | 154118   | 44.56  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.169  | 127  | 341945   | 48.47  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.233  | 225  | 178767   | 50.57  | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 72811    | 47.69  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 244713   | 49.01  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.810  | 142  | 543663   | 48.70  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.910  | 142  | 510076   | 48.30  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.975  | 216  | 267400   | 51.04  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.963  | 237  | 66550    | 28.73  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 174703   | 48.28  | ng    | 97       |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

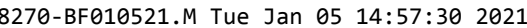
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

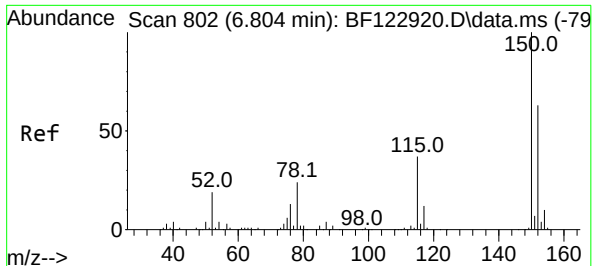
Quant Time: Jan 05 14:57:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF010521.M  
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 QLast Update : Tue Jan 05 14:20:20 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.133  | 196  | 182085   | 48.69 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.274  | 154  | 655338   | 49.92 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.298  | 162  | 548171   | 50.40 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.398  | 65   | 152625   | 48.13 | ng    | 94       |
| 49) Acenaphthylene            | 9.716  | 152  | 788969   | 49.11 | ng    | 98       |
| 50) Dimethylphthalate         | 9.574  | 163  | 621417   | 49.19 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.639  | 165  | 134514   | 50.42 | ng    | 91       |
| 52) Acenaphthene              | 9.886  | 154  | 478424   | 46.03 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.810  | 138  | 151013   | 48.99 | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 9.927  | 184  | 61570    | 47.20 | ng    | 93       |
| 55) Dibenzofuran              | 10.057 | 168  | 701216   | 47.96 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.986  | 139  | 89884    | 40.89 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 172205   | 48.46 | ng    | 97       |
| 58) Fluorene                  | 10.404 | 166  | 557321   | 47.93 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 151102   | 45.98 | ng    | 99       |
| 60) Diethylphthalate          | 10.274 | 149  | 600538   | 48.88 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.392 | 204  | 281590   | 49.18 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.427 | 138  | 152614   | 48.77 | ng    | 98       |
| 63) Azobenzene                | 10.551 | 77   | 534220   | 47.30 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.463 | 198  | 91189    | 52.92 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.516 | 169  | 493979   | 49.47 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.880 | 248  | 189812   | 49.57 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 207498   | 49.02 | ng    | 97       |
| 69) Atrazine                  | 11.039 | 200  | 153883   | 47.46 | ng    | 99       |
| 70) Pentachlorophenol         | 11.151 | 266  | 87583    | 39.05 | ng    | 99       |
| 71) Phenanthrene              | 11.368 | 178  | 831473   | 49.51 | ng    | 99       |
| 72) Anthracene                | 11.421 | 178  | 832083   | 49.96 | ng    | 98       |
| 73) Carbazole                 | 11.574 | 167  | 740246   | 49.01 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 941676   | 49.62 | ng    | 98       |
| 75) Fluoranthene              | 12.563 | 202  | 858051   | 48.72 | ng    | 96       |
| 77) Benzidine                 | 12.680 | 184  | 234179   | 47.85 | ng    | 100      |
| 78) Pyrene                    | 12.792 | 202  | 869404   | 49.70 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 388830   | 49.34 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 769081   | 50.86 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 258693   | 47.76 | ng    | 98       |
| 83) Chrysene                  | 14.021 | 228  | 749595   | 49.81 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.962 | 149  | 546499   | 50.65 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.580 | 149  | 877157   | 49.00 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.921 | 276  | 719008   | 51.24 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 699351   | 46.63 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.062 | 252  | 725059   | 52.87 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 656593   | 50.04 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.933 | 278  | 593205   | 51.65 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.362 | 276  | 576560   | 51.87 | ng    | 97       |

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

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Response via : Initial Calibration

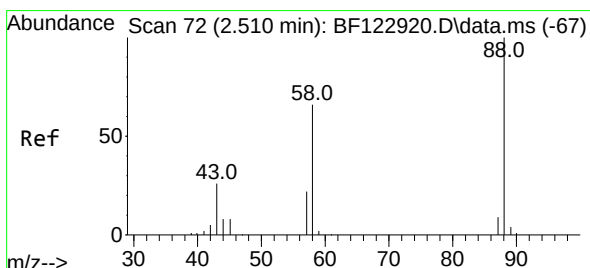
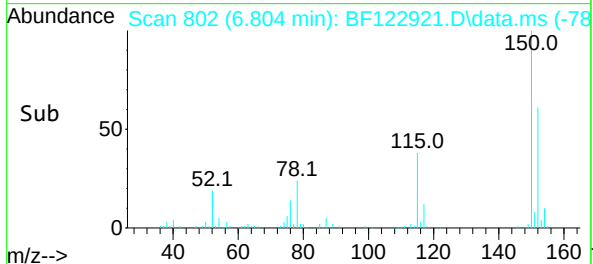
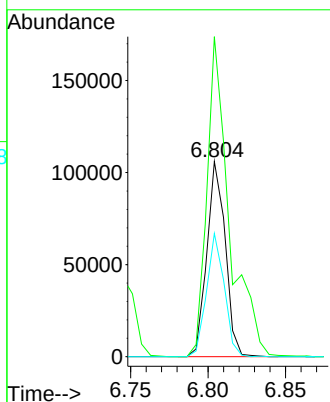
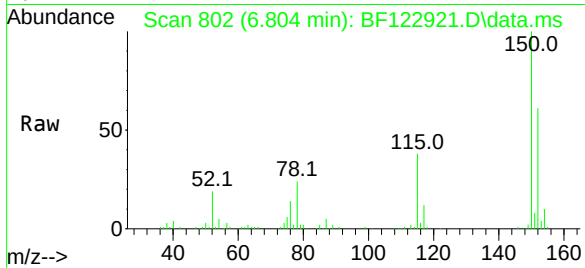




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.804 min Scan# 802  
 Delta R.T. 0.000 min  
 Lab File: BF122921.D  
 Acq: 5 Jan 2021 14:13

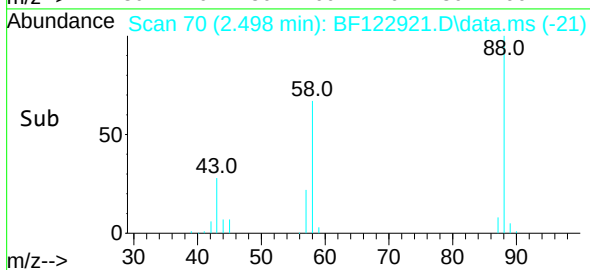
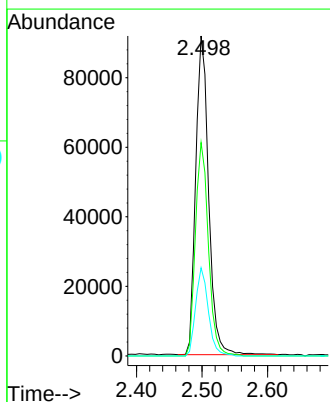
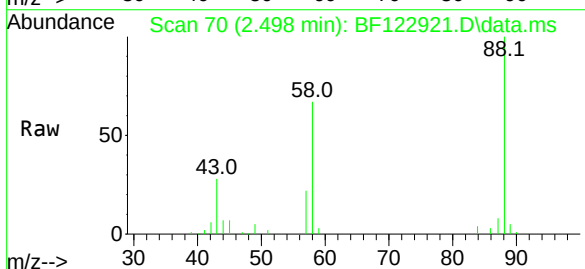
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

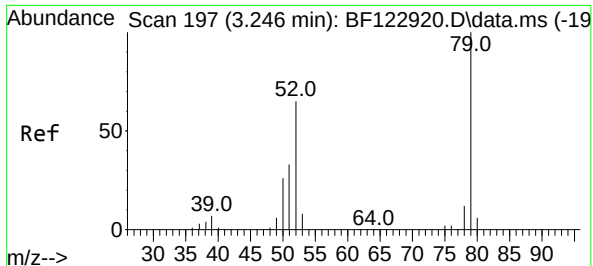
Tgt Ion:152 Resp: 87706  
 Ion Ratio Lower Upper  
 152 100  
 150 163.9 125.8 188.6  
 115 63.1 49.3 73.9



#2  
 1,4-Dioxane  
 Concen: 48.46 ng  
 RT: 2.498 min Scan# 70  
 Delta R.T. -0.012 min  
 Lab File: BF122921.D  
 Acq: 5 Jan 2021 14:13

Tgt Ion: 88 Resp: 126182  
 Ion Ratio Lower Upper  
 88 100  
 58 67.1 56.2 84.2  
 43 27.2 21.8 32.6

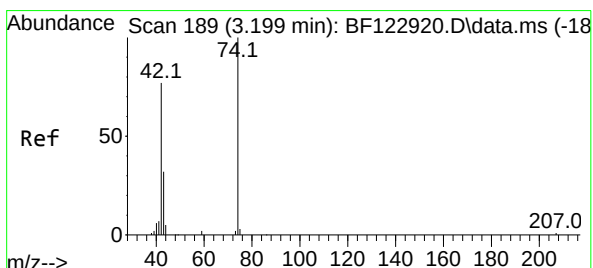
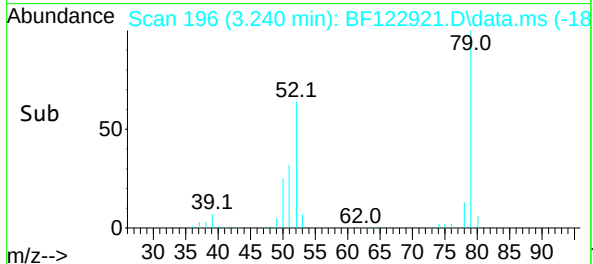
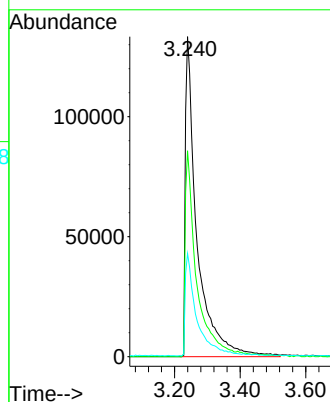
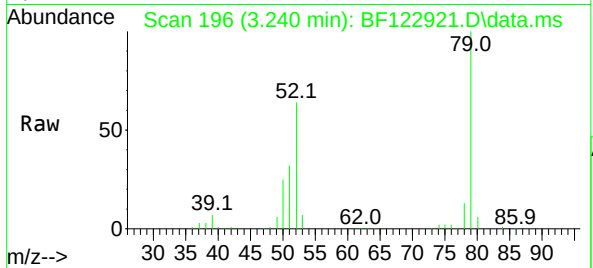




#3  
Pyridine  
Concen: 47.45 ng  
RT: 3.240 min Scan# 196  
Delta R.T. -0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

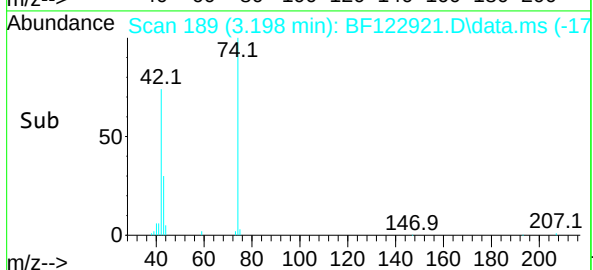
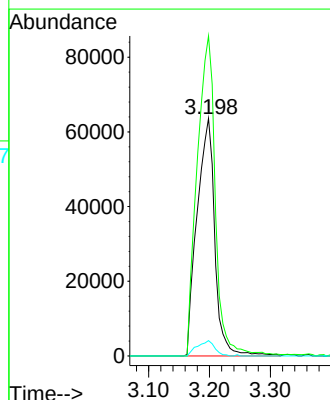
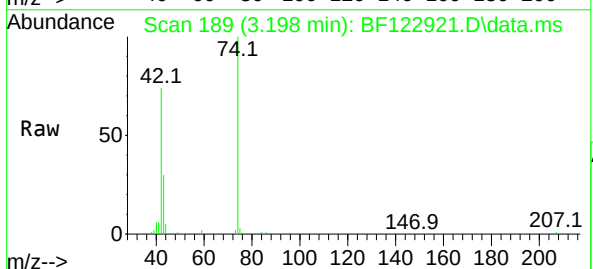
Instrument :  
BNA\_F  
ClientSampleId :  
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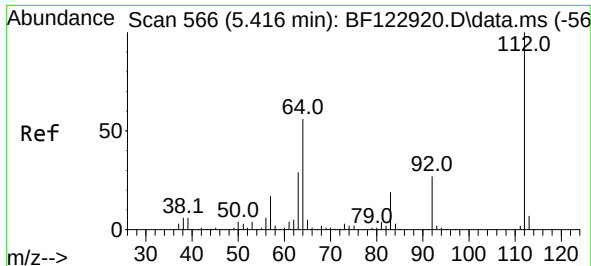
Tgt Ion: 79 Resp: 326563  
Ion Ratio Lower Upper  
79 100  
52 64.3 53.0 79.4  
51 32.2 26.6 39.8



#4  
n-Nitrosodimethylamine  
Concen: 46.79 ng  
RT: 3.198 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion: 42 Resp: 129128  
Ion Ratio Lower Upper  
42 100  
74 134.7 115.2 172.8  
44 6.5 5.4 8.0

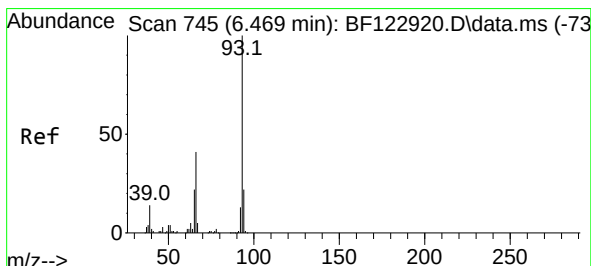
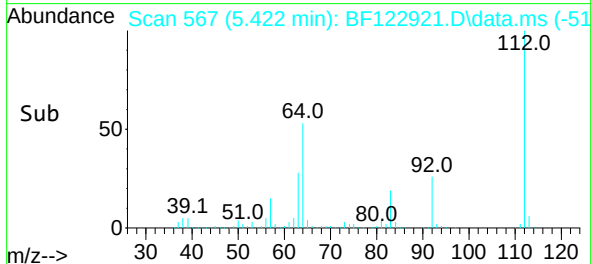
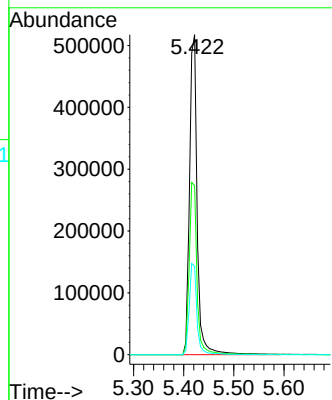
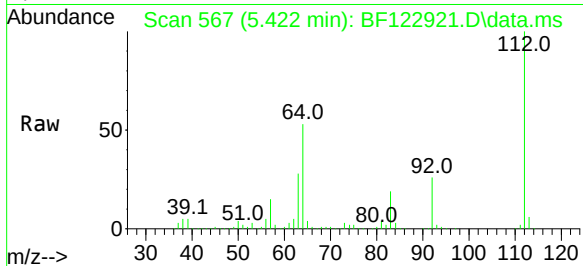




#5  
2-Fluorophenol  
Concen: 99.58 ng  
RT: 5.422 min Scan# 567  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

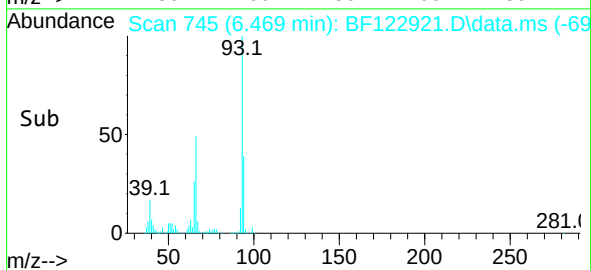
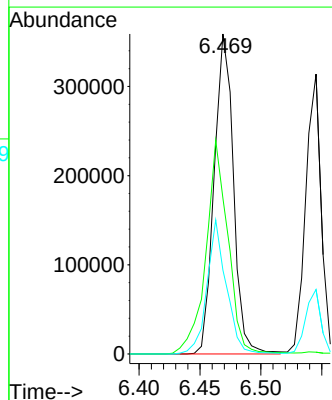
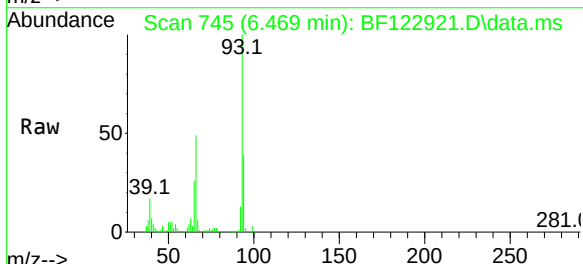
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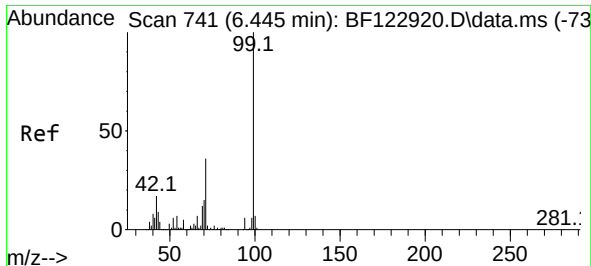
Tgt Ion:112 Resp: 551691  
Ion Ratio Lower Upper  
112 100  
64 52.8 46.9 70.3  
63 27.6 24.5 36.7



#6  
Aniline  
Concen: 45.65 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion: 93 Resp: 394778  
Ion Ratio Lower Upper  
93 100  
66 48.6 31.3 46.9#  
65 26.2 15.6 23.4#

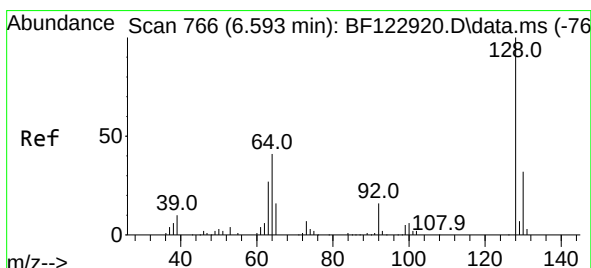
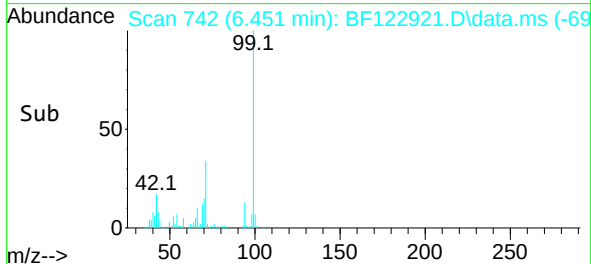
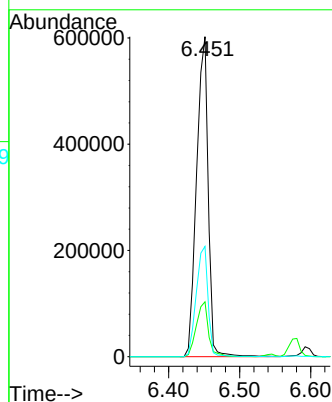
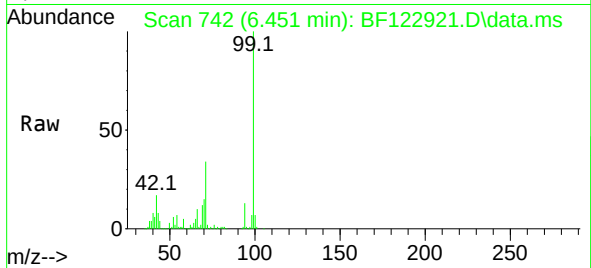




#7  
Phenol-d6  
Concen: 93.40 ng  
RT: 6.451 min Scan# 742  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

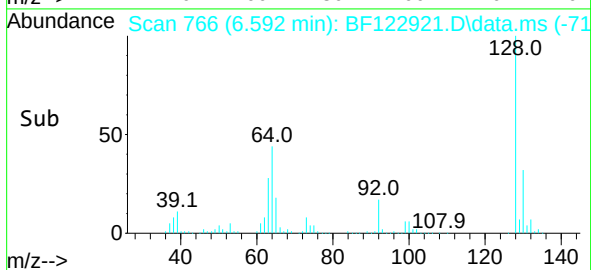
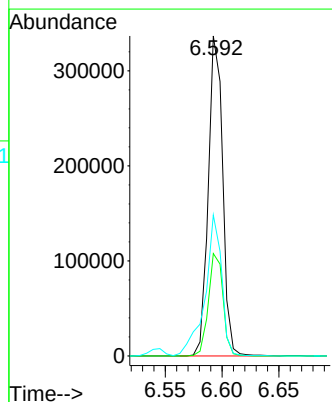
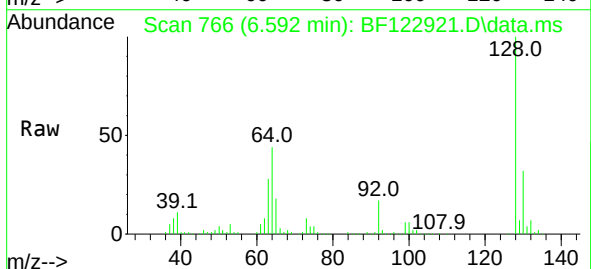
Instrument :  
BNA\_F  
ClientSampleId :  
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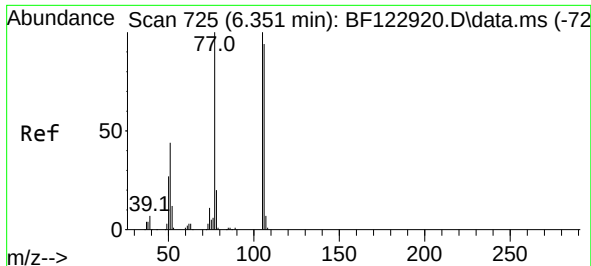
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Ion Ratio Lower Upper  
99 100  
42 17.2 13.8 20.6  
71 34.5 26.9 40.3



#8  
2-Chlorophenol  
Concen: 48.41 ng  
RT: 6.592 min Scan# 766  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion: 128 Resp: 295608  
Ion Ratio Lower Upper  
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130 32.0 12.3 52.3  
64 44.1 25.5 65.5

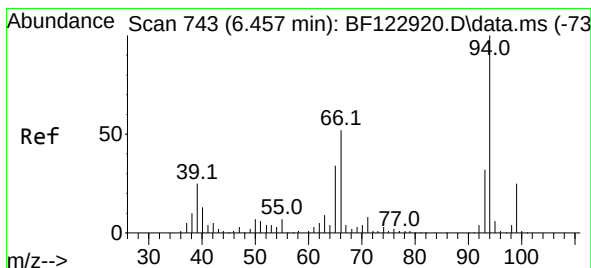
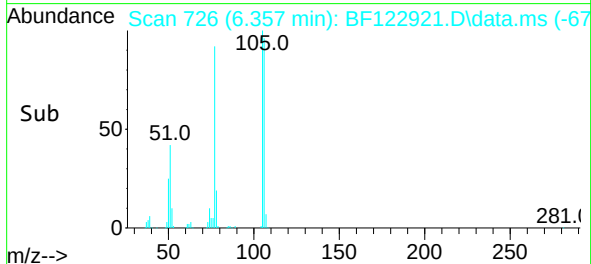
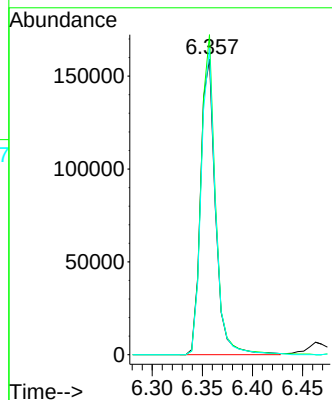
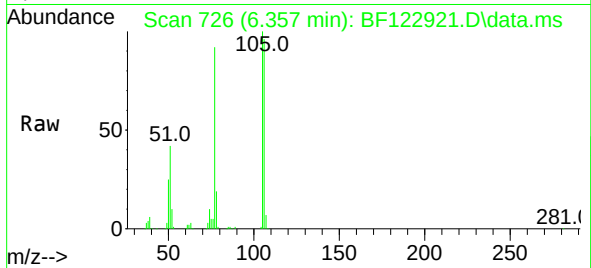




#9  
Benzaldehyde  
Concen: 37.25 ng  
RT: 6.357 min Scan# 726  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

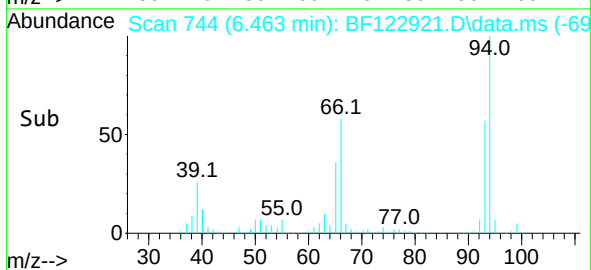
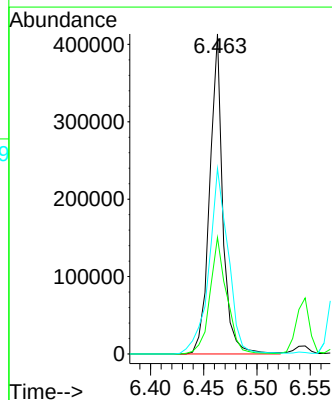
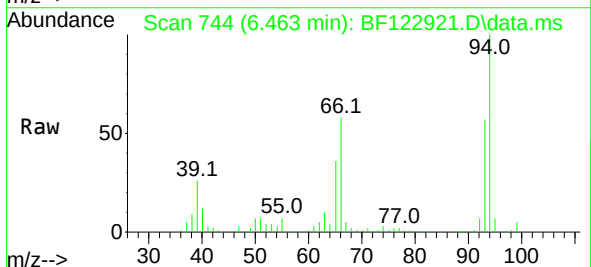
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion: 77 Resp: 165636  
Ion Ratio Lower Upper  
77 100  
105 108.3 80.6 120.6  
106 103.7 77.2 117.2

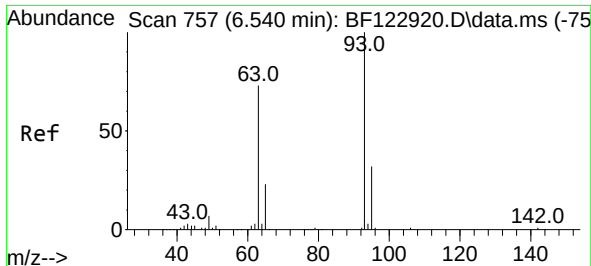


#10  
Phenol  
Concen: 46.57 ng  
RT: 6.463 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion: 94 Resp: 354544  
Ion Ratio Lower Upper  
94 100  
65 36.4 11.2 51.2  
66 58.0 25.8 65.8



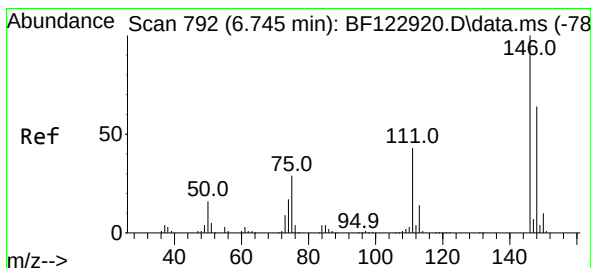
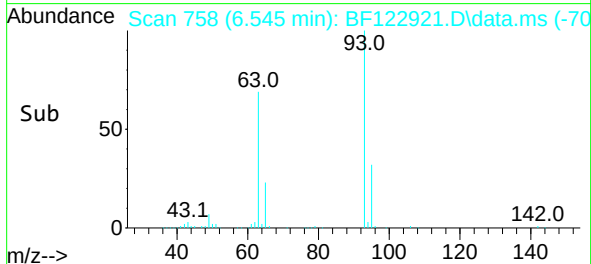
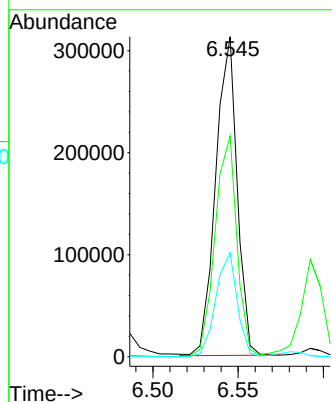
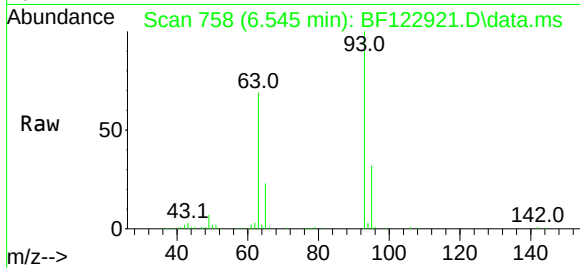




#11  
bis(2-Chloroethyl)ether  
Concen: 47.00 ng  
RT: 6.545 min Scan# 758  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

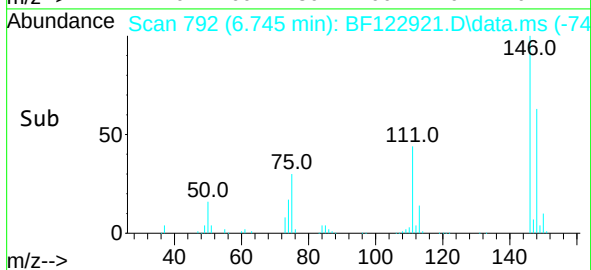
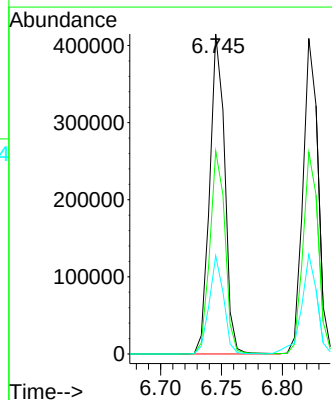
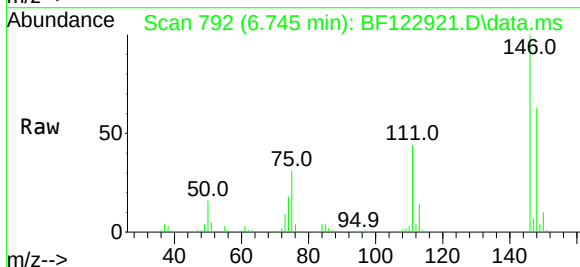
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

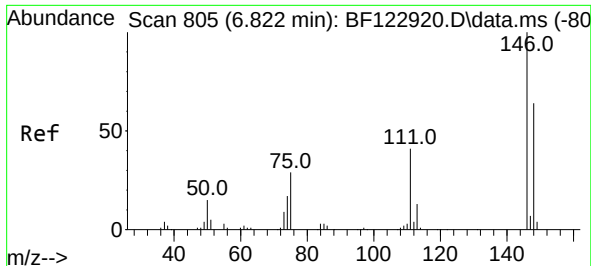
Tgt Ion: 93 Resp: 273380  
Ion Ratio Lower Upper  
93 100  
63 69.0 52.6 92.6  
95 32.5 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 49.05 ng  
RT: 6.745 min Scan# 792  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion: 146 Resp: 354408  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.8 77.8  
75 30.7 22.5 33.7

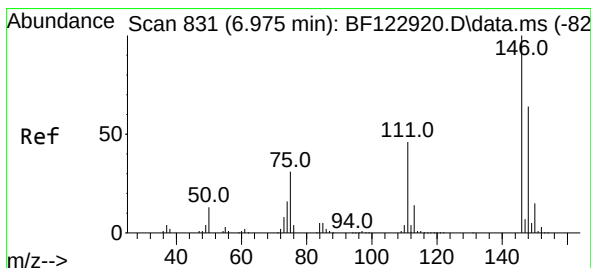
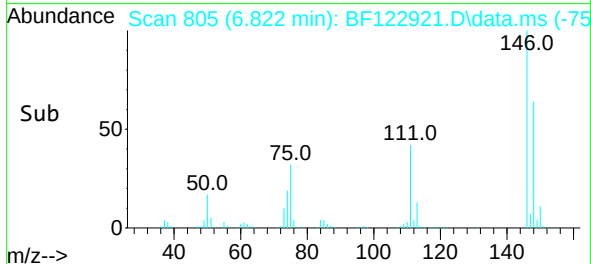
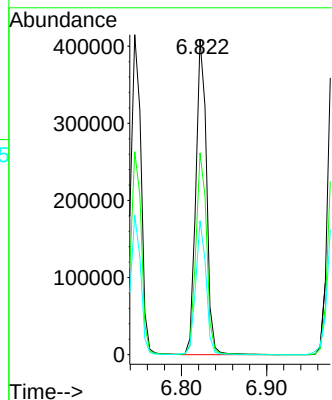
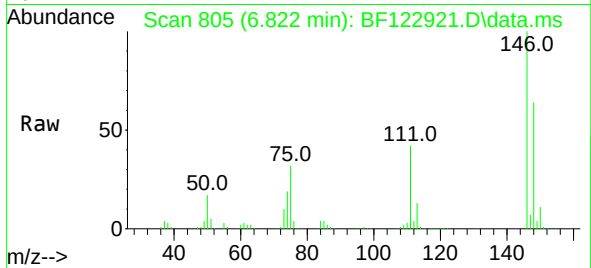




#13  
1,4-Dichlorobenzene  
Concen: 49.01 ng  
RT: 6.822 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

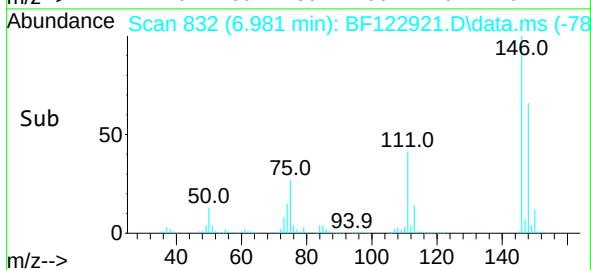
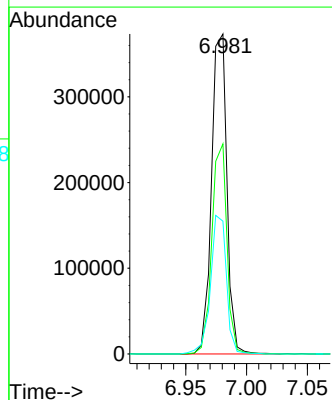
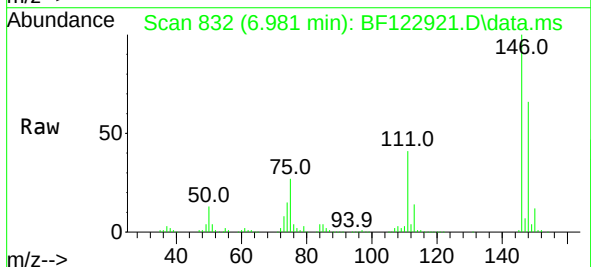
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

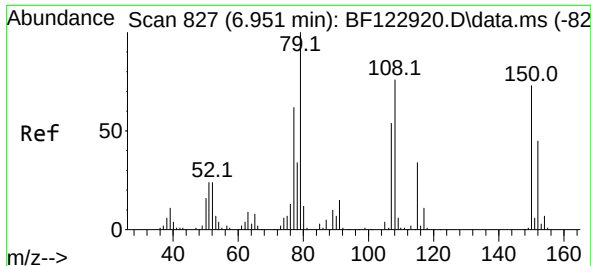
Tgt Ion:146 Resp: 357059  
Ion Ratio Lower Upper  
146 100  
148 63.9 52.0 78.0  
111 42.5 32.3 48.5



#14  
1,2-Dichlorobenzene  
Concen: 46.69 ng  
RT: 6.981 min Scan# 832  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:146 Resp: 328350  
Ion Ratio Lower Upper  
146 100  
148 65.6 51.5 77.3  
111 41.5 34.2 51.2

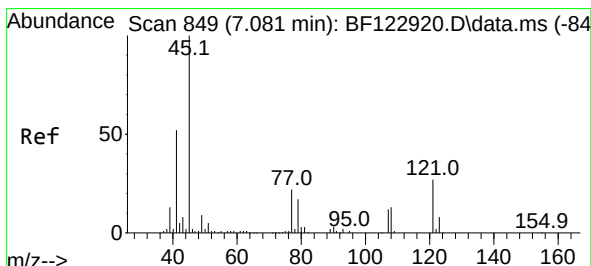
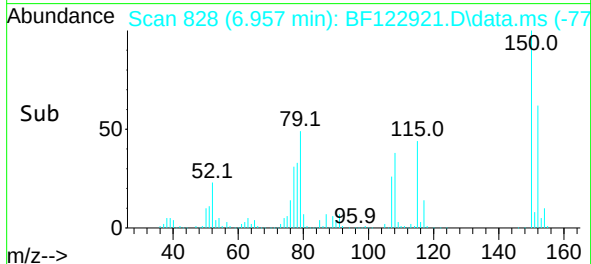
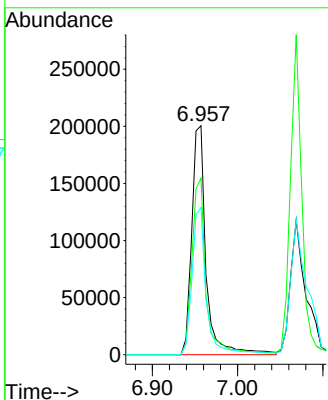
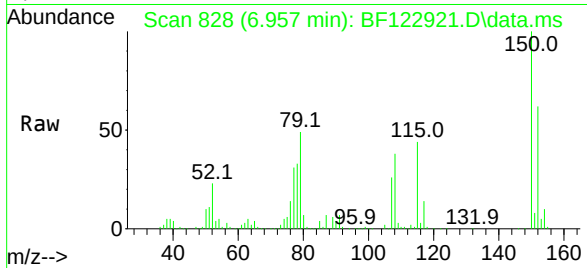




#15  
Benzyl Alcohol  
Concen: 46.41 ng  
RT: 6.957 min Scan# 828  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

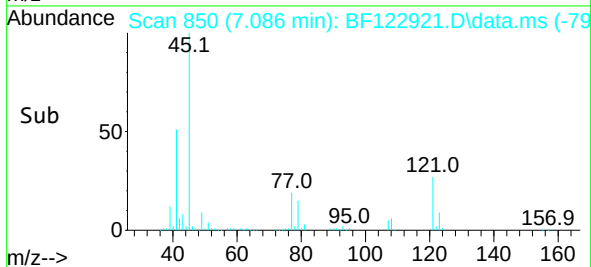
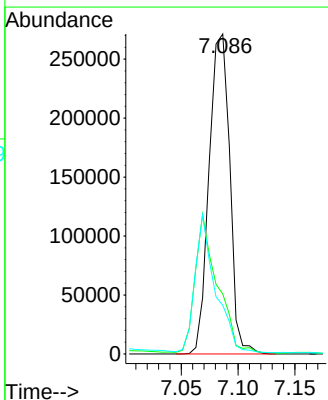
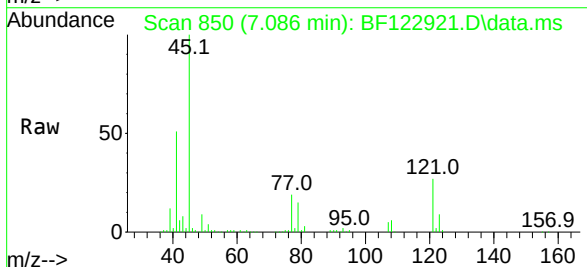
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

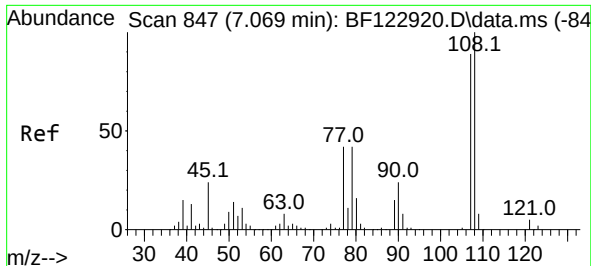
Tgt Ion: 79 Resp: 234789  
Ion Ratio Lower Upper  
79 100  
108 77.1 62.4 93.6  
77 64.3 49.0 73.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.41 ng  
RT: 7.086 min Scan# 850  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion: 45 Resp: 343431  
Ion Ratio Lower Upper  
45 100  
77 18.7 0.0 35.6  
79 15.2 0.0 32.4

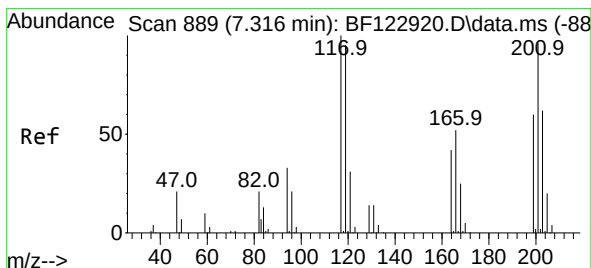
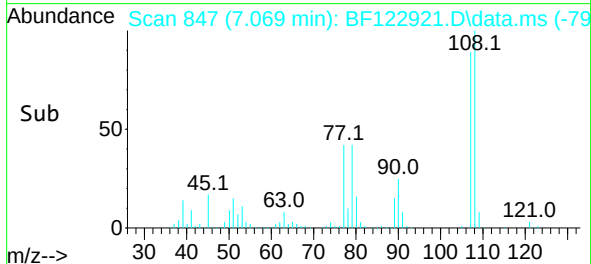
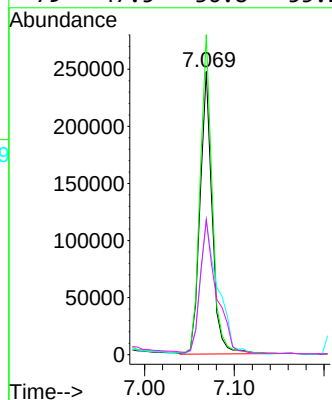
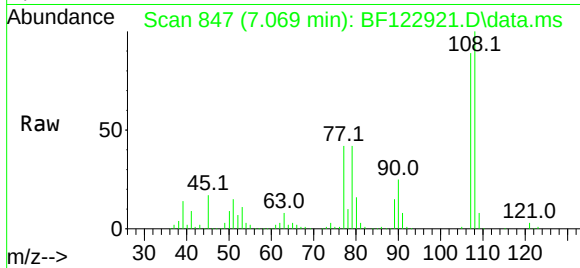




#17  
2-Methylphenol  
Concen: 47.74 ng  
RT: 7.069 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

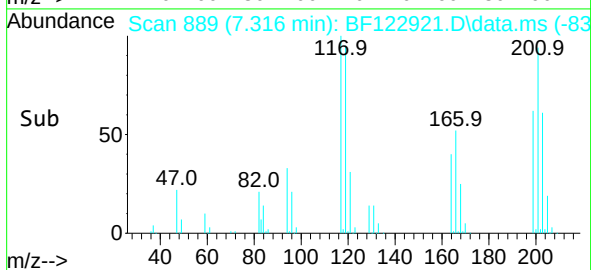
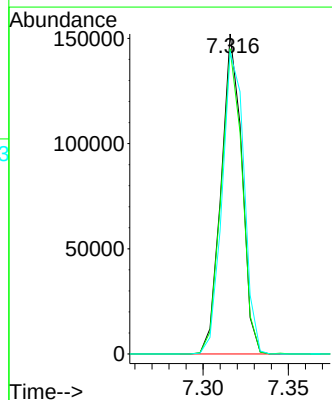
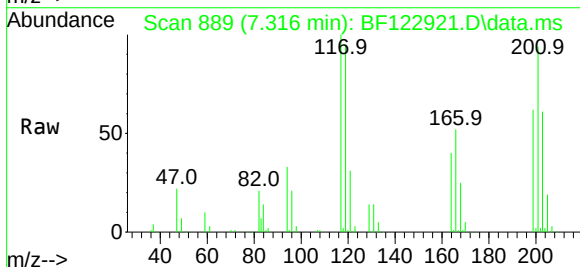
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

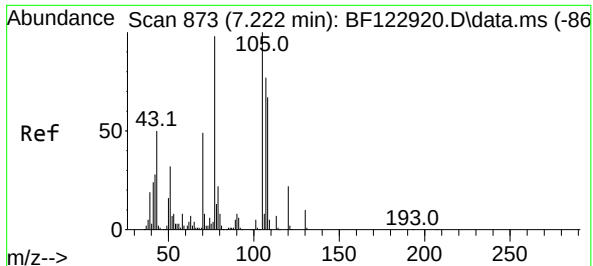
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 231717 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.0 | 91.1  | 136.7  |
| 77       | 47.8  | 36.3  | 54.5   |
| 79       | 47.5  | 36.8  | 55.2   |



#18  
Hexachloroethane  
Concen: 49.43 ng  
RT: 7.316 min Scan# 889  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 128343 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.4  | 78.4  | 117.6  |
| 201      | 94.3  | 79.6  | 119.4  |





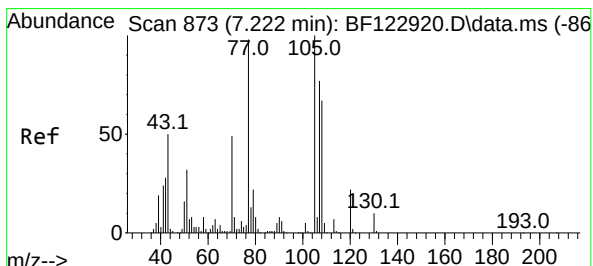
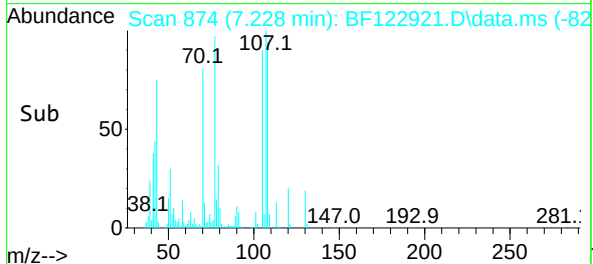
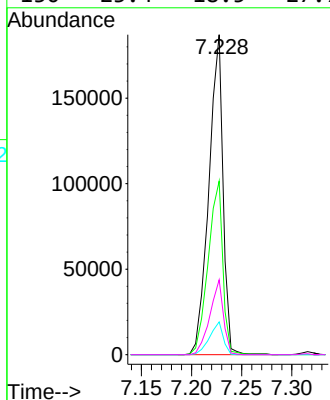
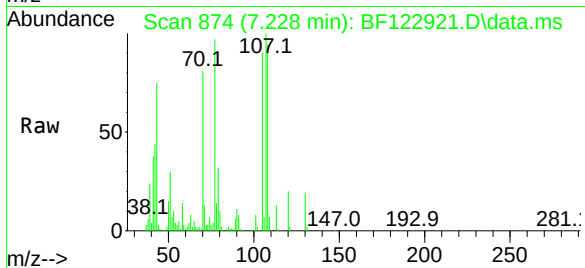
#19

n-Nitroso-di-n-propylamine  
Concen: 43.84 ng  
RT: 7.228 min Scan# 874  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion: 70 Resp: 184526

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 54.3  | 43.0  | 64.4  |
| 101 | 10.2  | 7.9   | 11.9  |
| 130 | 23.4  | 18.5  | 27.7  |

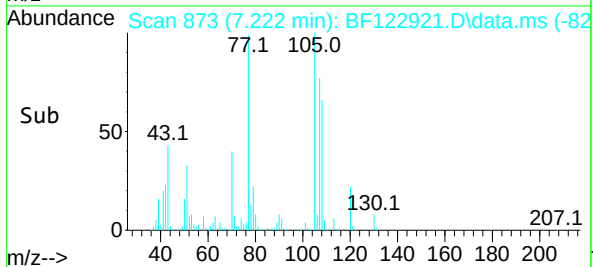
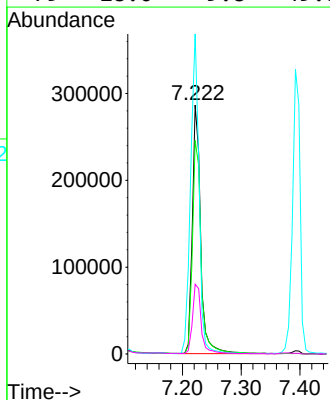
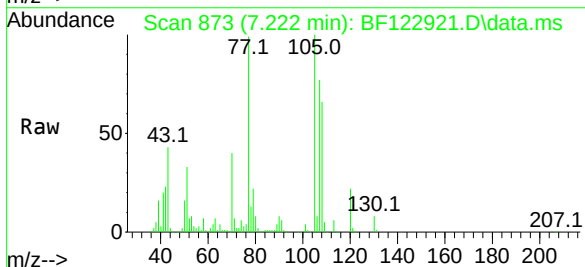


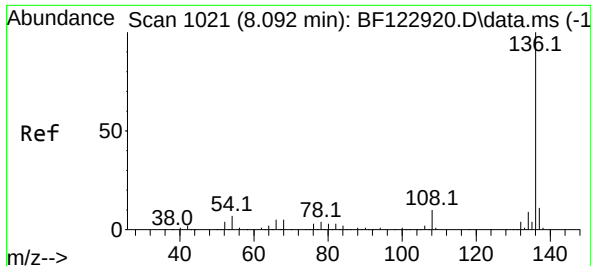
#20

3+4-Methylphenols  
Concen: 45.94 ng  
RT: 7.222 min Scan# 873  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion: 107 Resp: 281678

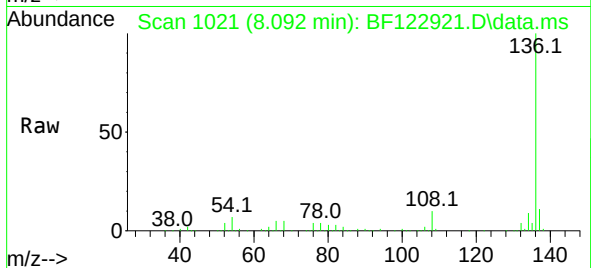
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 85.7  | 68.7  | 108.7 |
| 77  | 128.6 | 89.8  | 129.8 |
| 79  | 28.0  | 9.8   | 49.8  |



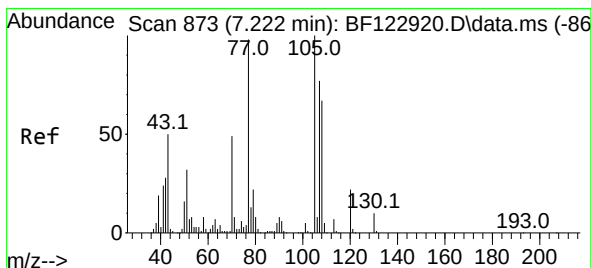
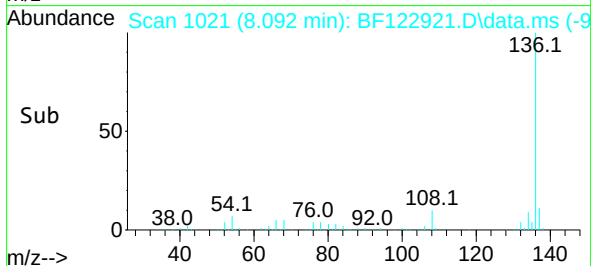
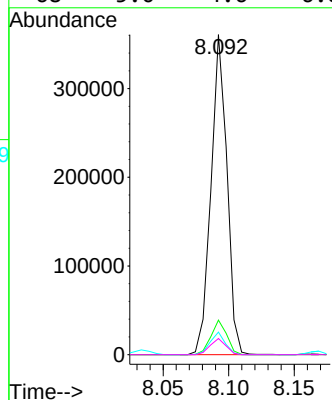


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

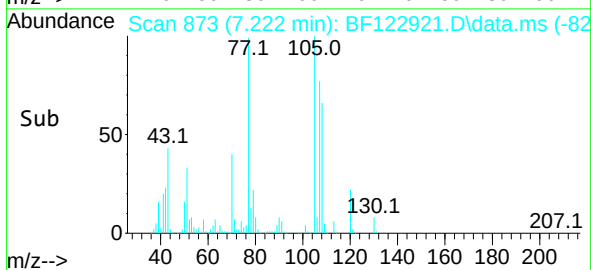
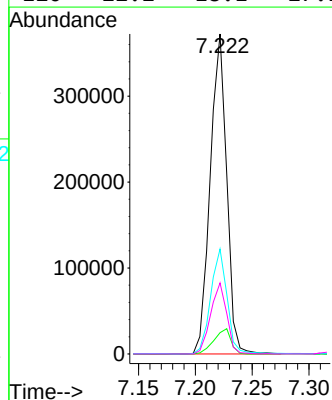
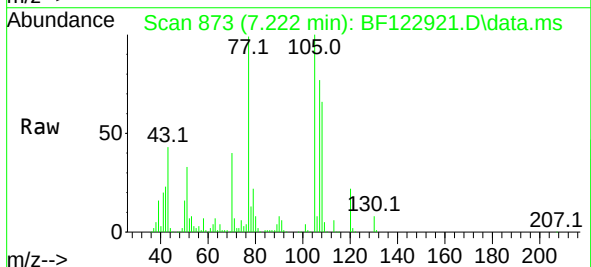


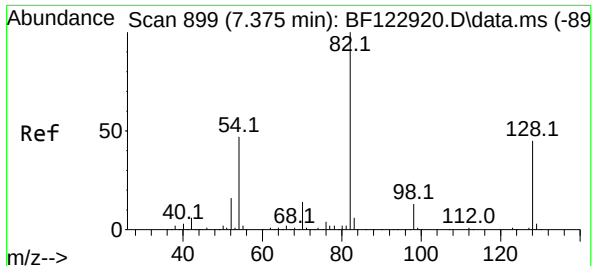
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:136 | Resp: | 305811 |
| Ion | Ratio   | Lower | Upper  |
| 136 | 100     |       |        |
| 137 | 10.8    | 8.8   | 13.2   |
| 54  | 7.1     | 5.5   | 8.3    |
| 68  | 5.0     | 4.6   | 6.8    |



#22  
Acetophenone  
Concen: 49.22 ng  
RT: 7.222 min Scan# 873  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 374282 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 6.6     | 6.5   | 9.7    |
| 51  | 32.8    | 24.3  | 36.5   |
| 120 | 22.2    | 18.1  | 27.1   |





#23

Nitrobenzene-d5

Concen: 98.97 ng

RT: 7.375 min Scan# 899

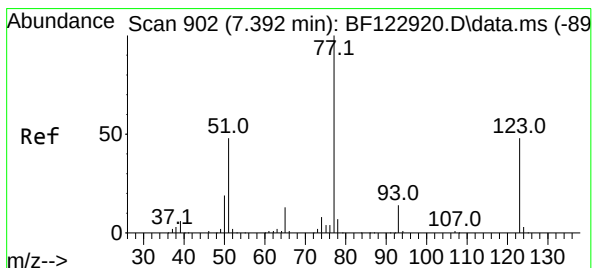
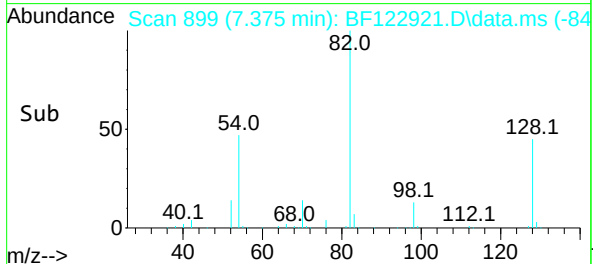
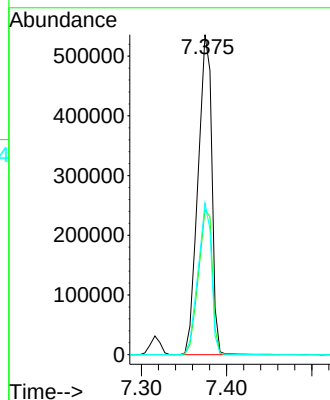
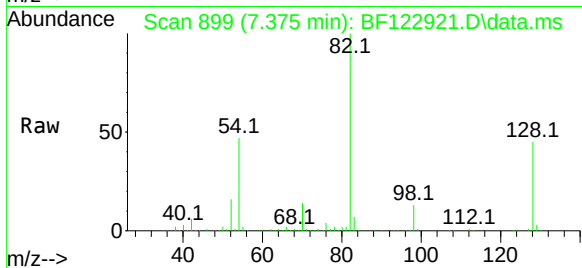
Delta R.T. -0.000 min

Lab File: BF122921.D

Acq: 5 Jan 2021 14:13

Tgt Ion: 82 Resp: 604065

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.3  | 37.0  | 55.4  |
| 54  | 47.4  | 38.4  | 57.6  |



#24

Nitrobenzene

Concen: 48.55 ng

RT: 7.392 min Scan# 902

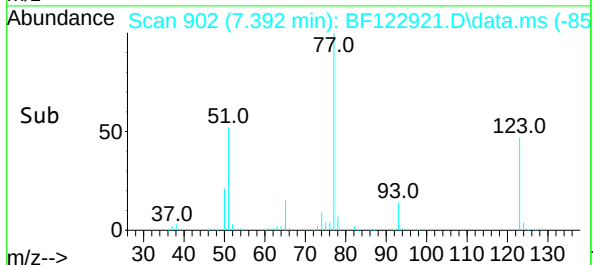
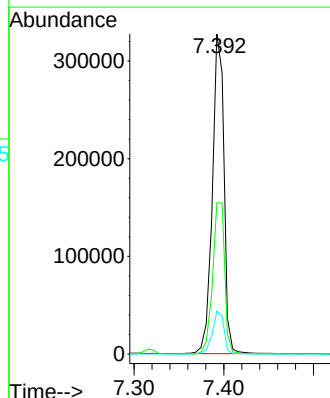
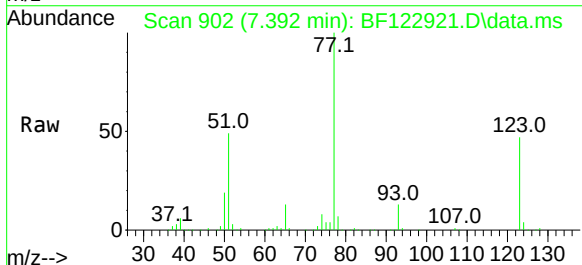
Delta R.T. -0.000 min

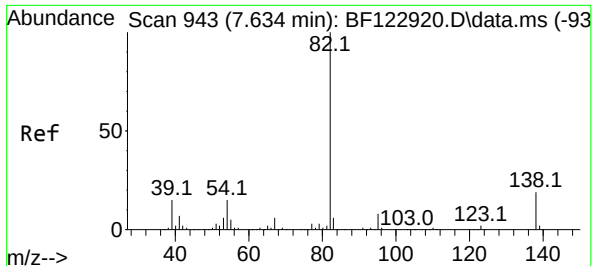
Lab File: BF122921.D

Acq: 5 Jan 2021 14:13

Tgt Ion: 77 Resp: 294796

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.3  | 39.3  | 58.9  |
| 65  | 13.4  | 10.6  | 15.8  |

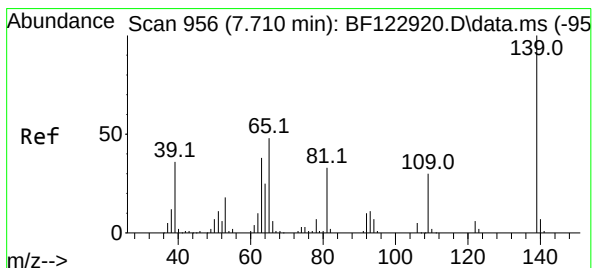
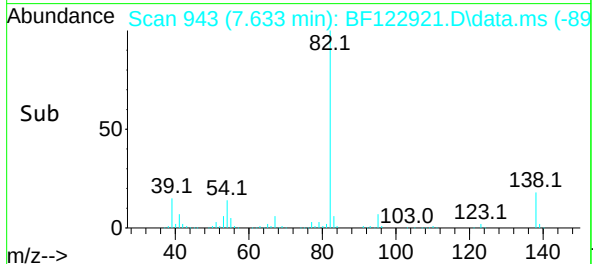
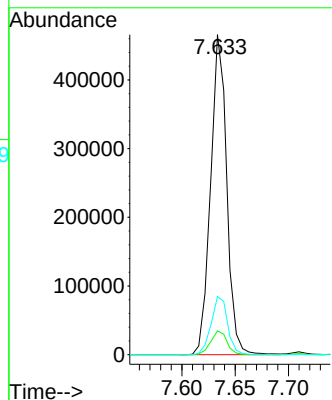
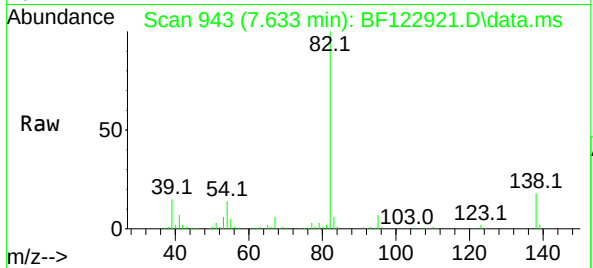




#25  
Isophorone  
Concen: 46.82 ng  
RT: 7.633 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

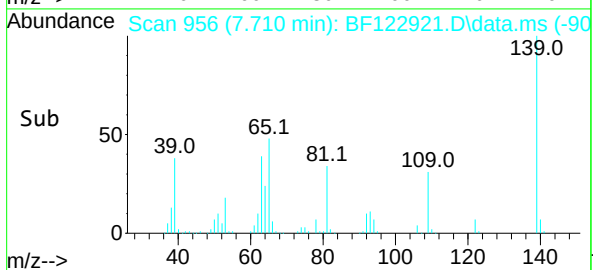
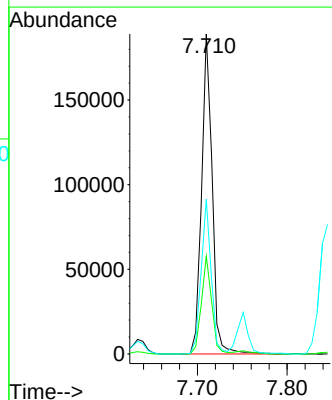
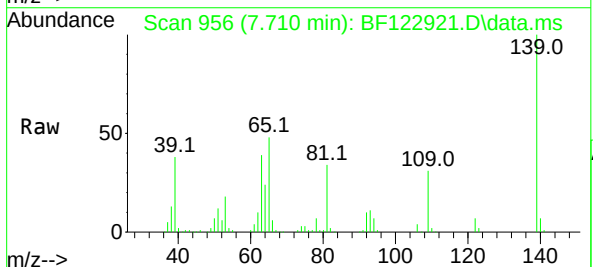
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion: 82 Resp: 492179  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.8 8.6  
138 18.2 14.6 21.8

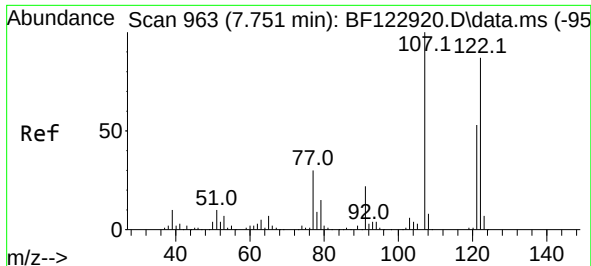


#26  
2-Nitrophenol  
Concen: 52.25 ng  
RT: 7.710 min Scan# 956  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:139 Resp: 154744  
Ion Ratio Lower Upper  
139 100  
109 30.6 24.0 36.0  
65 48.4 40.9 61.3



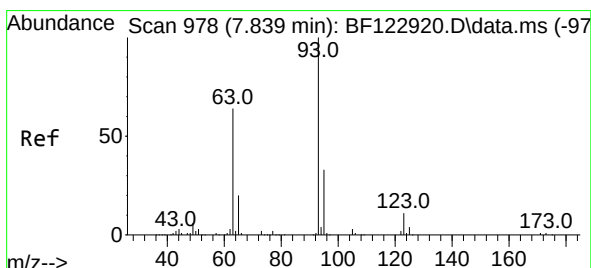
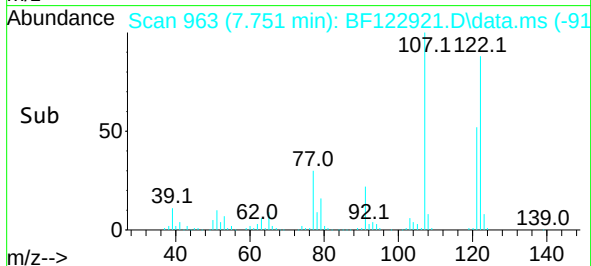
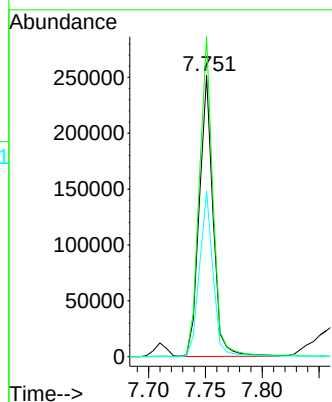
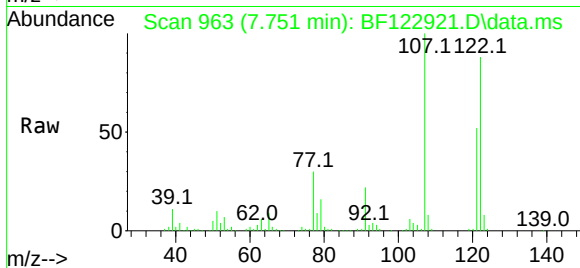




#27  
2,4-Dimethylphenol  
Concen: 48.78 ng  
RT: 7.751 min Scan# 963  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

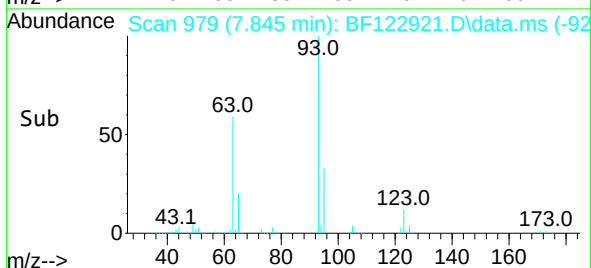
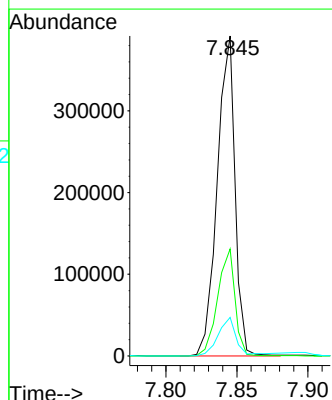
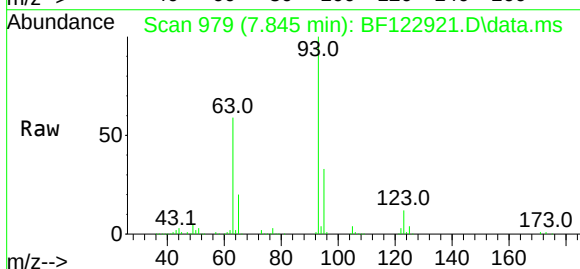
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

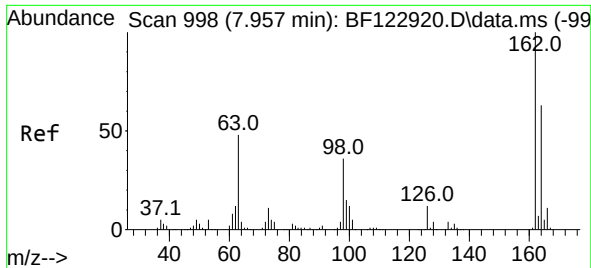
Tgt Ion:122 Resp: 211724  
Ion Ratio Lower Upper  
122 100  
107 113.8 91.8 137.8  
121 58.9 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.28 ng  
RT: 7.845 min Scan# 979  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion: 93 Resp: 340382  
Ion Ratio Lower Upper  
93 100  
95 33.4 26.2 39.2  
123 12.0 9.2 13.8

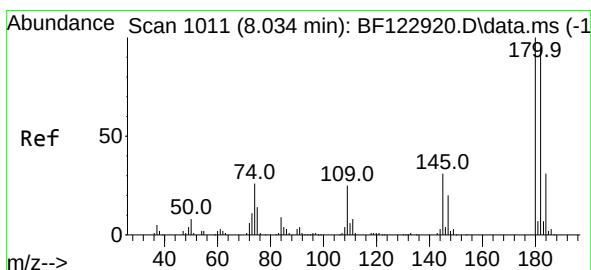
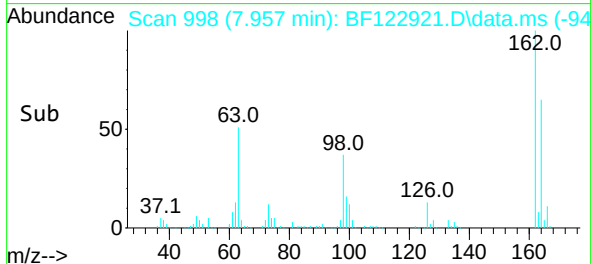
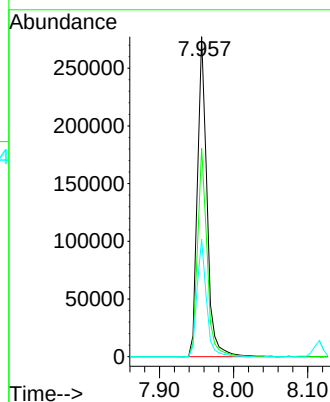
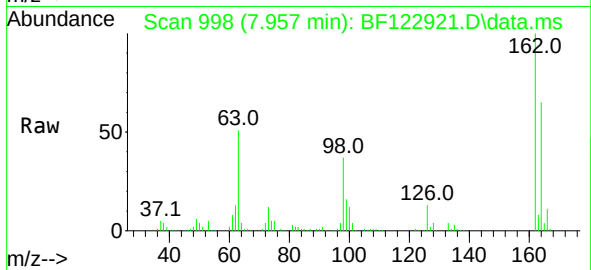




#29  
2,4-Dichlorophenol  
Concen: 48.85 ng  
RT: 7.957 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

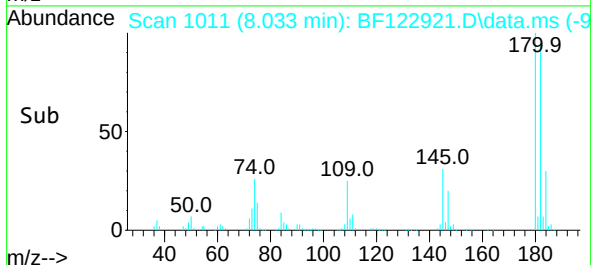
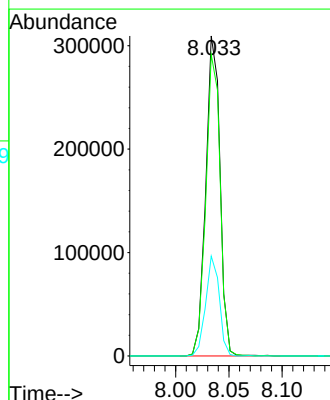
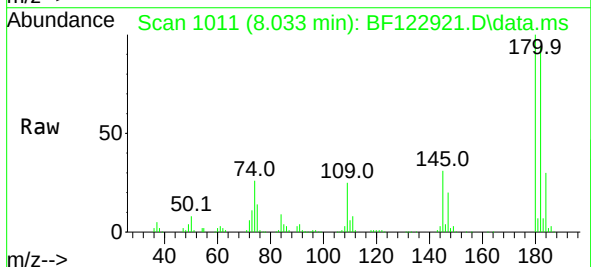
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

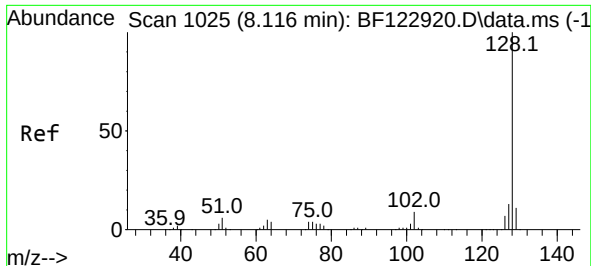
Tgt Ion:162 Resp: 247642  
Ion Ratio Lower Upper  
162 100  
164 65.2 43.2 83.2  
98 36.7 15.2 55.2



#30  
1,2,4-Trichlorobenzene  
Concen: 50.08 ng  
RT: 8.033 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:180 Resp: 287609  
Ion Ratio Lower Upper  
180 100  
182 94.2 75.7 113.5  
145 31.2 25.0 37.4

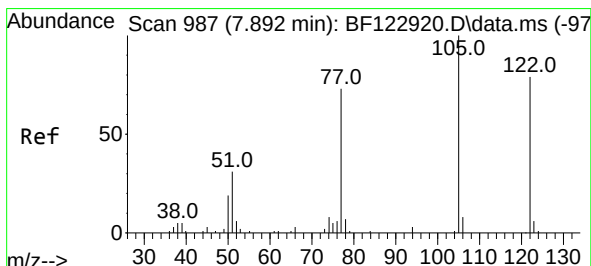
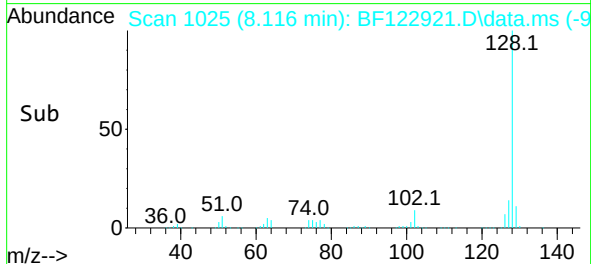
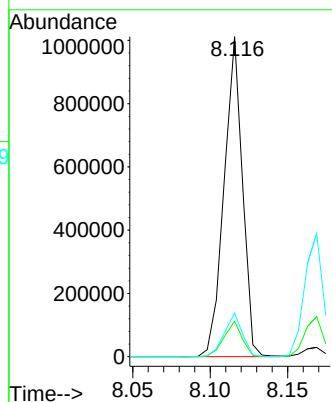
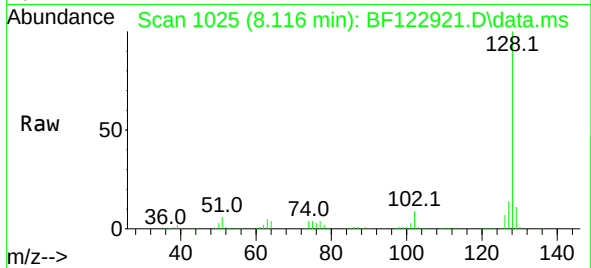




#31  
Naphthalene  
Concen: 49.41 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

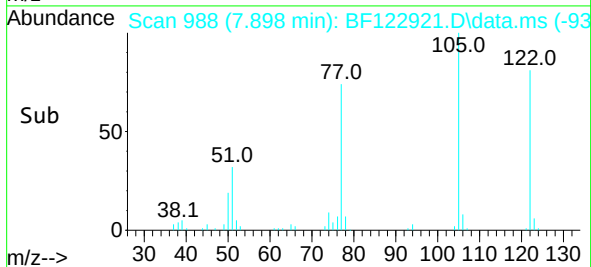
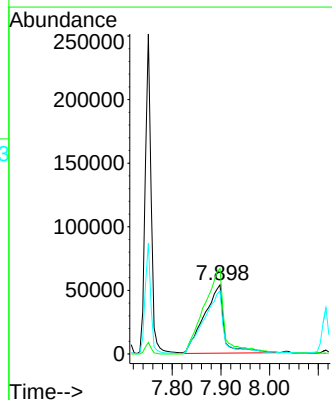
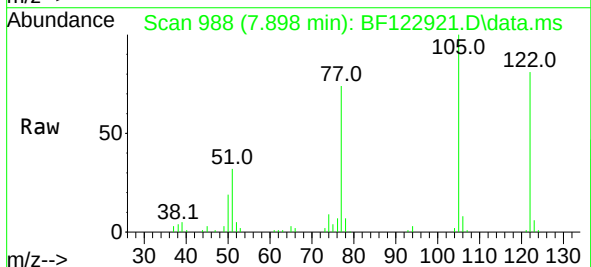
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

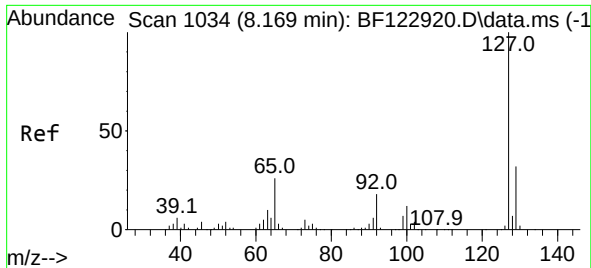
Tgt Ion:128 Resp: 833867  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.6 10.7 16.1



#32  
Benzoic acid  
Concen: 44.56 ng  
RT: 7.898 min Scan# 988  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:122 Resp: 154118  
Ion Ratio Lower Upper  
122 100  
105 123.3 104.8 144.8  
77 91.5 71.0 111.0

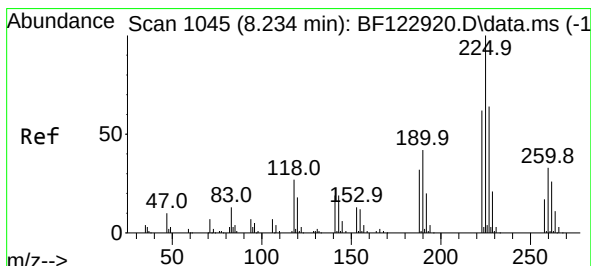
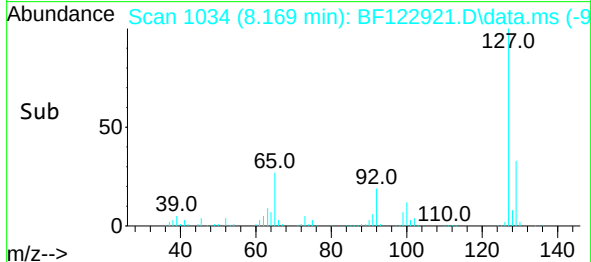
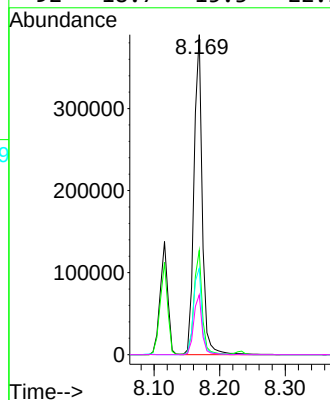
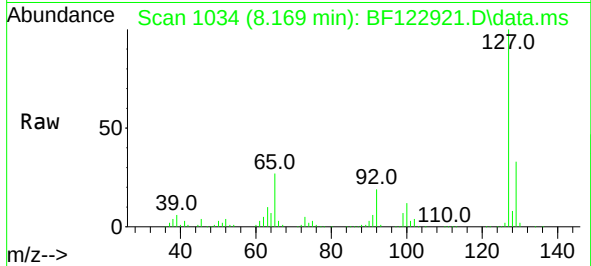




#33  
4-Chloroaniline  
Concen: 48.47 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

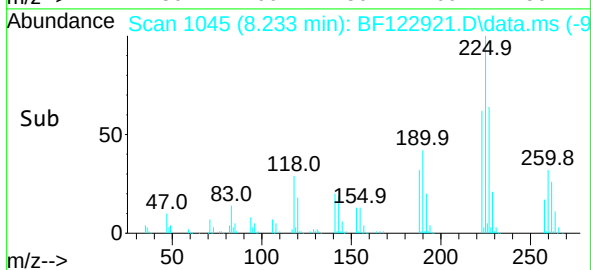
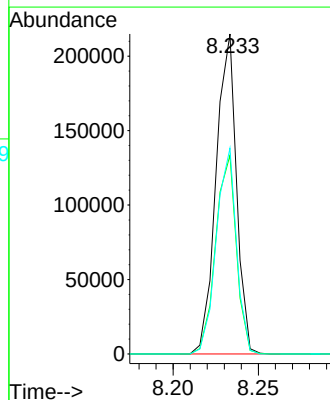
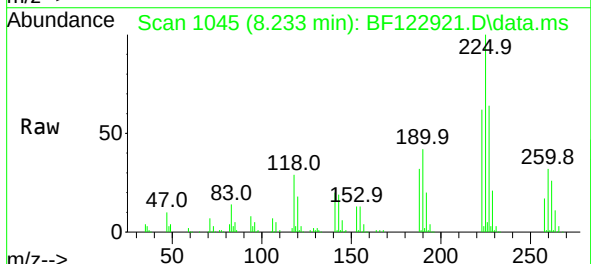
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

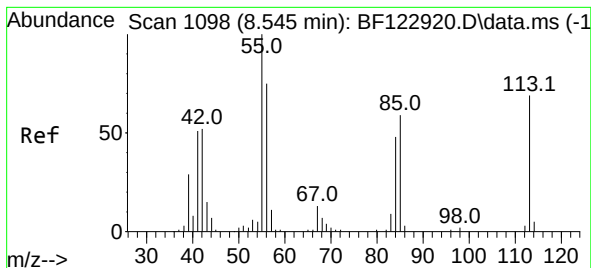
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 341945 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.2  | 39.2   |
| 65       | 27.0  | 22.2  | 33.2   |
| 92       | 18.7  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 50.57 ng  
RT: 8.233 min Scan# 1045  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 178767 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.0  | 50.7  | 76.1   |
| 227      | 64.3  | 51.7  | 77.5   |

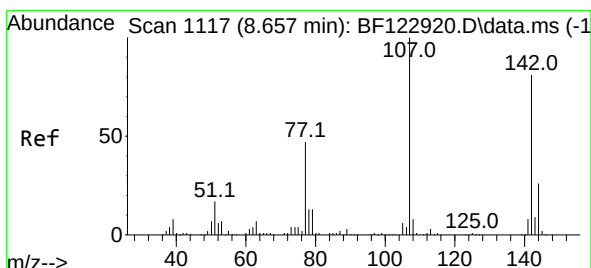
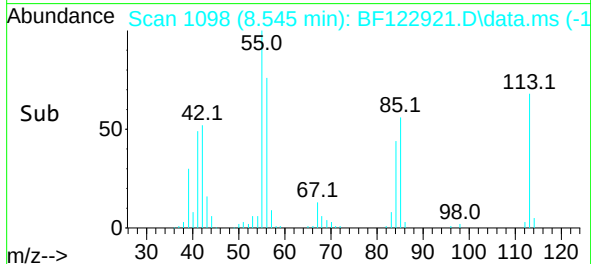
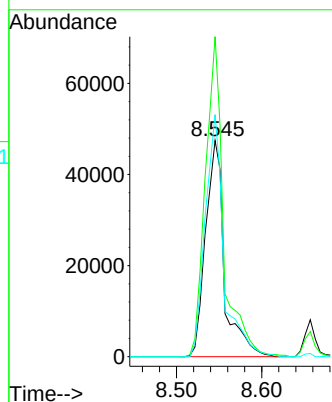
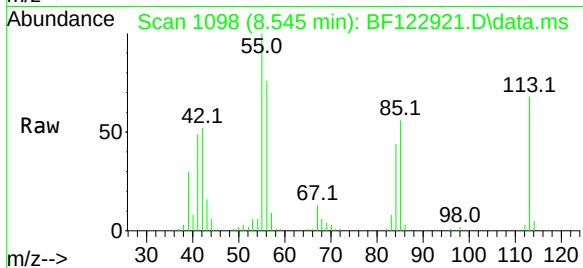




#35  
Caprolactam  
Concen: 47.69 ng  
RT: 8.545 min Scan# 1098  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

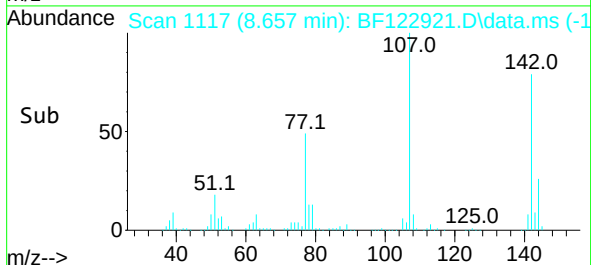
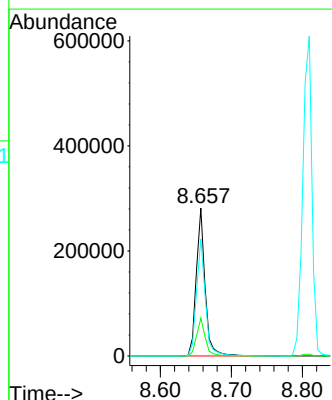
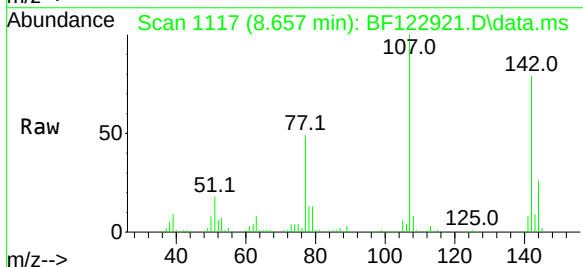
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

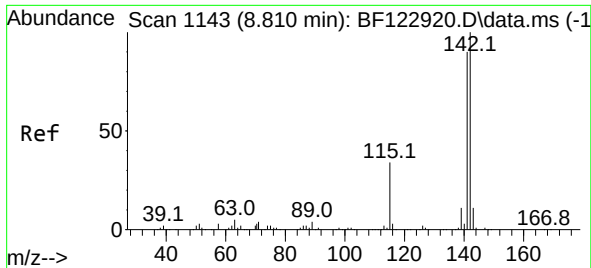
Tgt Ion:113 Resp: 72811  
Ion Ratio Lower Upper  
113 100  
55 148.0 133.7 173.7  
56 111.9 95.3 135.3



#36  
4-Chloro-3-methylphenol  
Concen: 49.01 ng  
RT: 8.657 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:107 Resp: 244713  
Ion Ratio Lower Upper  
107 100  
144 25.6 20.2 30.2  
142 79.2 64.4 96.6

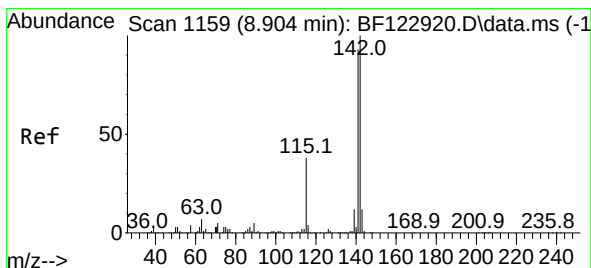
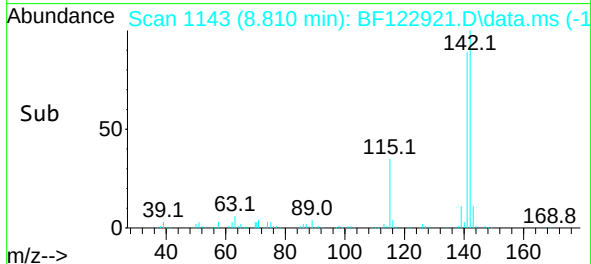
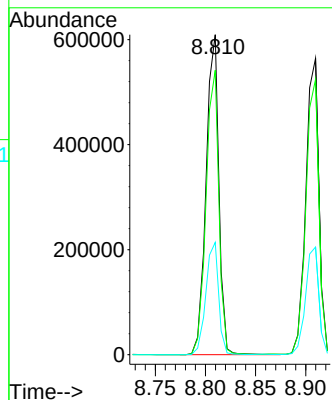
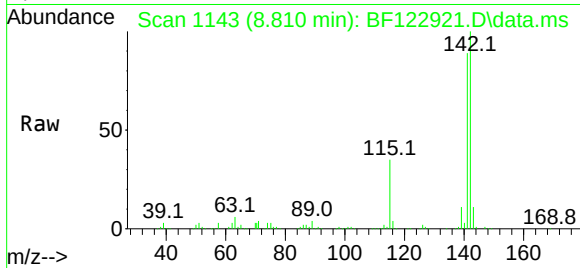




#37  
2-Methylnaphthalene  
Concen: 48.70 ng  
RT: 8.810 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

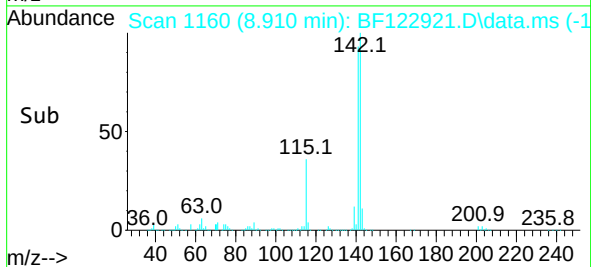
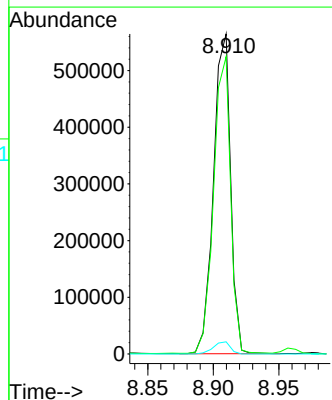
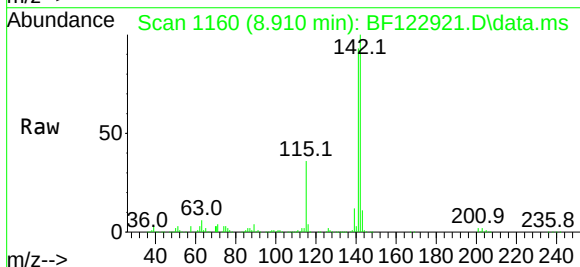
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

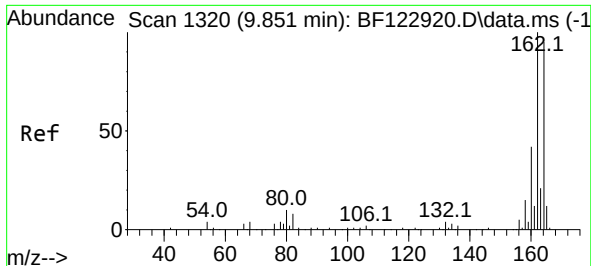
Tgt Ion:142 Resp: 543663  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.6 106.0  
115 35.1 28.7 43.1



#38  
1-Methylnaphthalene  
Concen: 48.30 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:142 Resp: 510076  
Ion Ratio Lower Upper  
142 100  
141 92.9 74.5 111.7  
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF122921.D

Acq: 5 Jan 2021 14:13

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

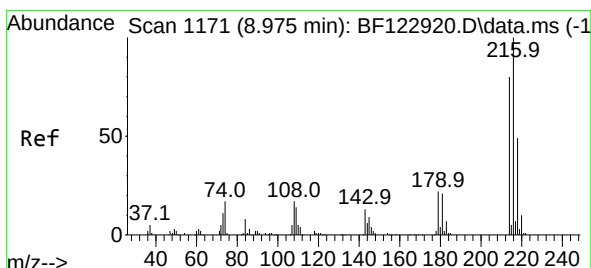
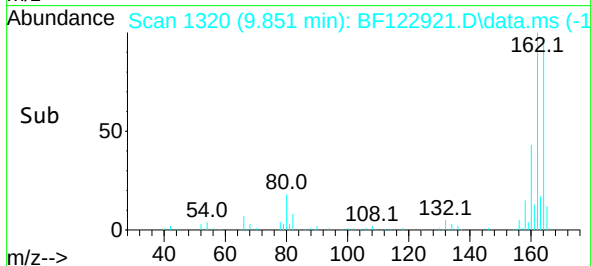
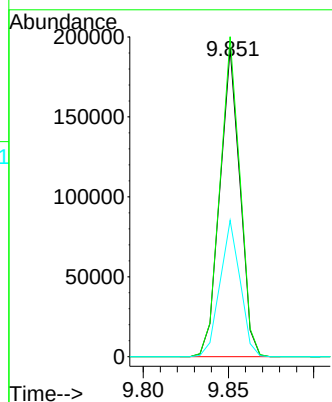
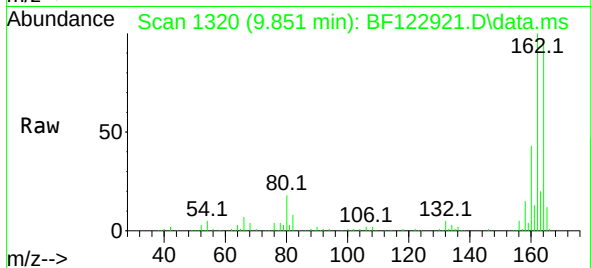
Tgt Ion:164 Resp: 158170

Ion Ratio Lower Upper

164 100

162 103.8 80.8 121.2

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.04 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF122921.D

Acq: 5 Jan 2021 14:13

Tgt Ion:216 Resp: 267400

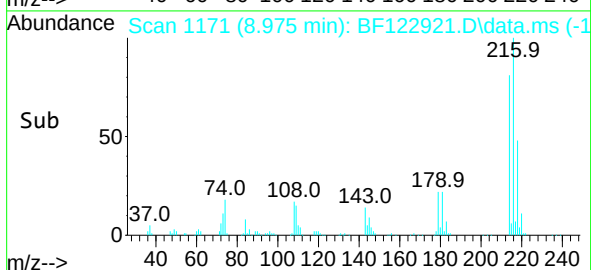
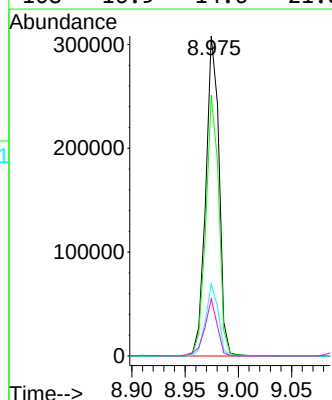
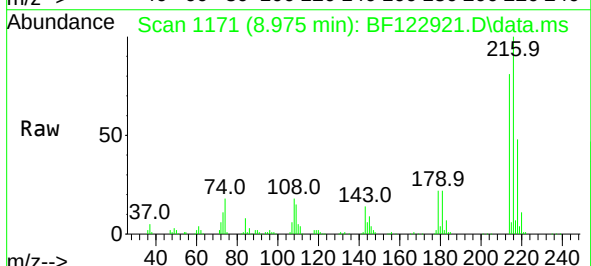
Ion Ratio Lower Upper

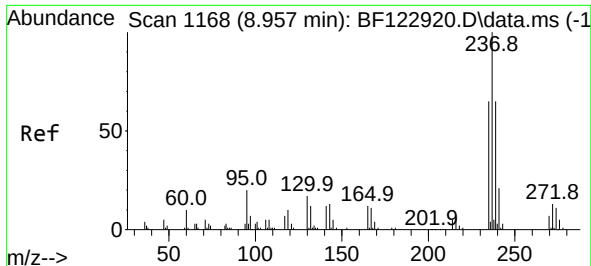
216 100

214 79.7 63.1 94.7

179 21.5 17.1 25.7

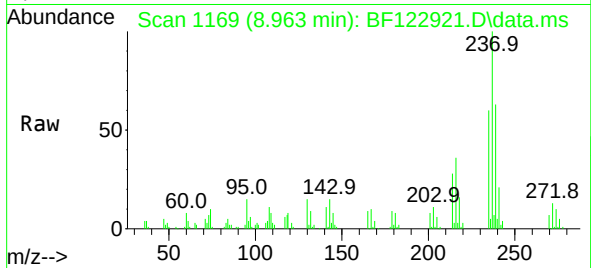
108 16.9 14.6 21.8



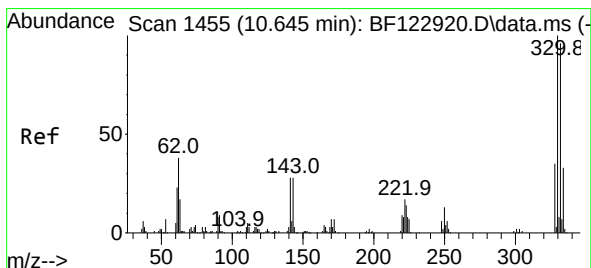
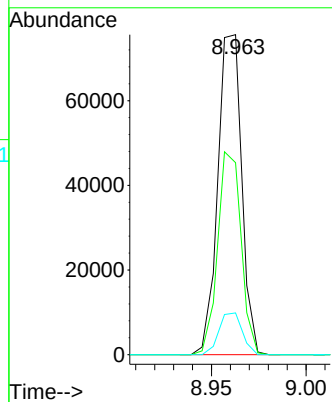
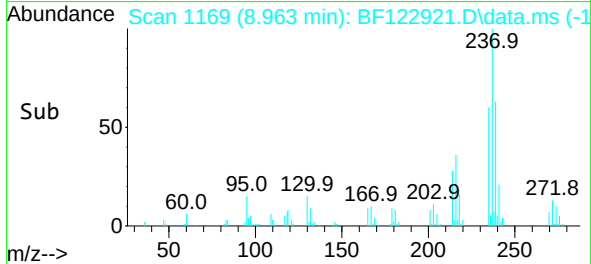


#41  
Hexachlorocyclopentadiene  
Concen: 28.73 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

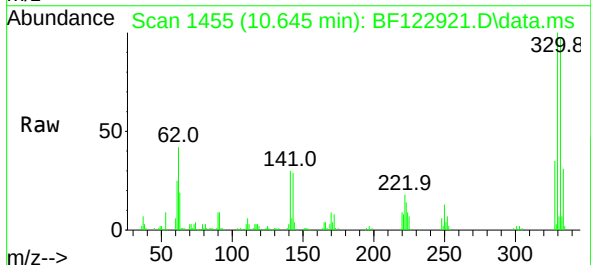
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050



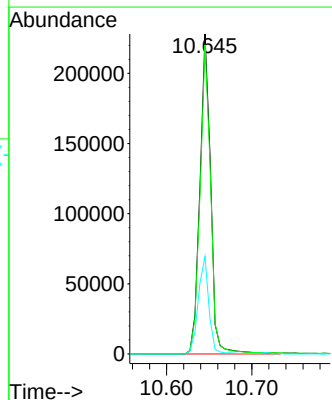
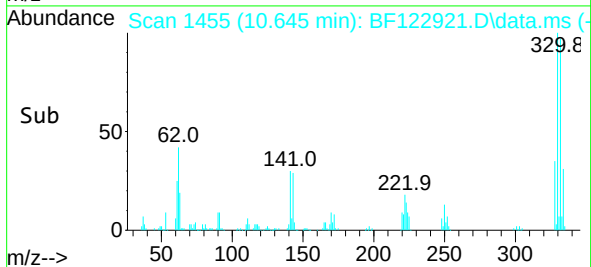
Tgt Ion:237 Resp: 66550  
Ion Ratio Lower Upper  
237 100  
235 60.0 40.9 80.9  
272 13.1 0.0 33.4



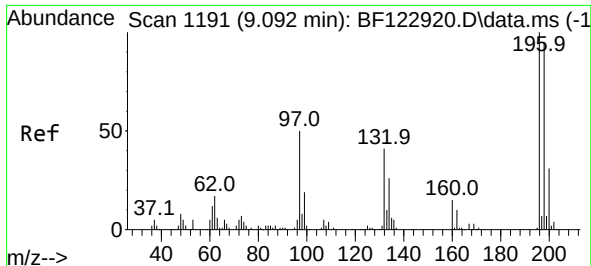
#42  
2,4,6-Tribromophenol  
Concen: 96.62 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13



Tgt Ion:330 Resp: 200031  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.5 116.3  
141 30.2 23.8 35.8



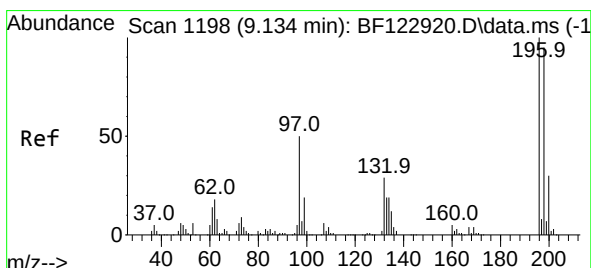
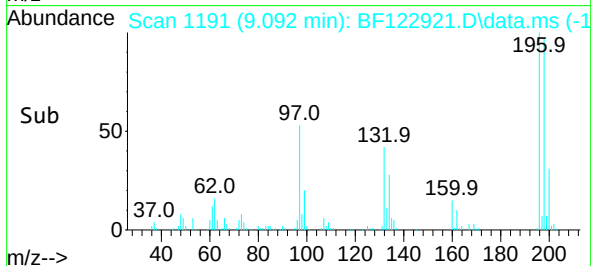
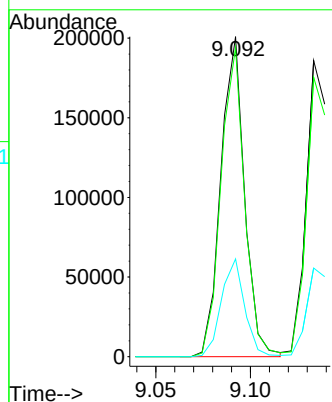
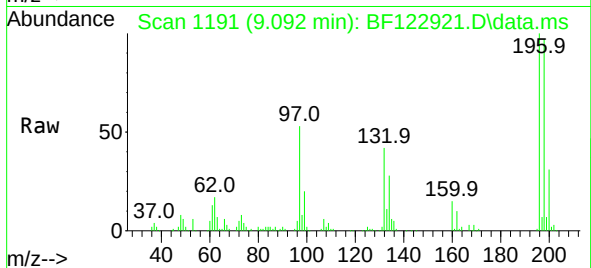




#43  
2,4,6-Trichlorophenol  
Concen: 48.28 ng  
RT: 9.092 min Scan# 1191  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

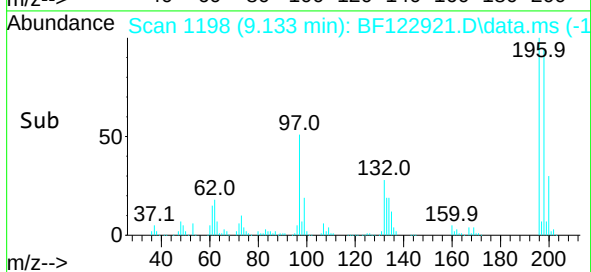
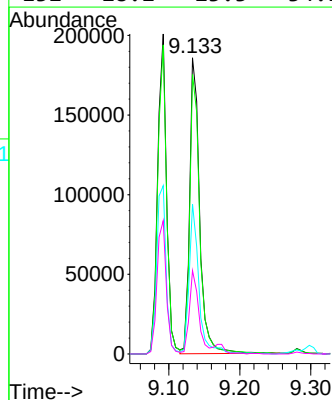
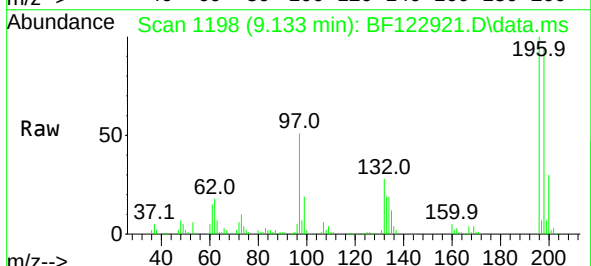
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

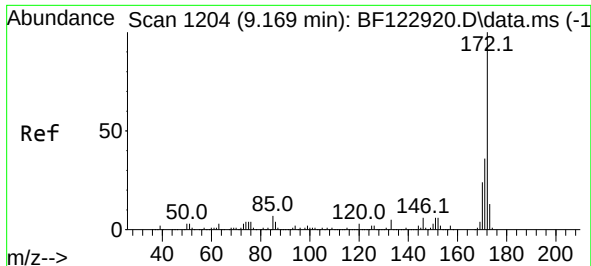
Tgt Ion:196 Resp: 174703  
Ion Ratio Lower Upper  
196 100  
198 96.6 75.1 112.7  
200 30.6 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 48.69 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:196 Resp: 182085  
Ion Ratio Lower Upper  
196 100  
198 94.4 76.5 114.7  
97 50.6 40.1 60.1  
132 28.2 23.3 34.9

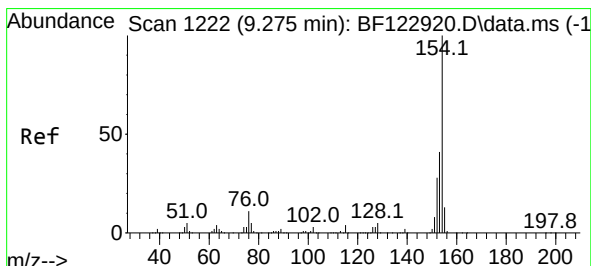
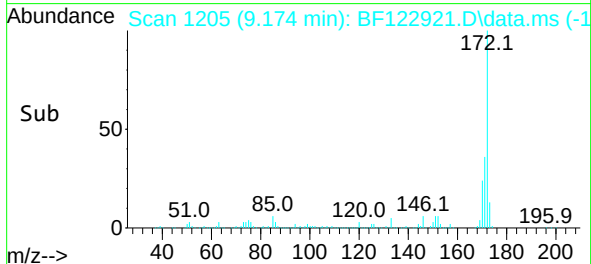
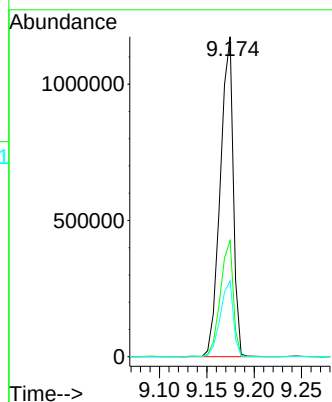
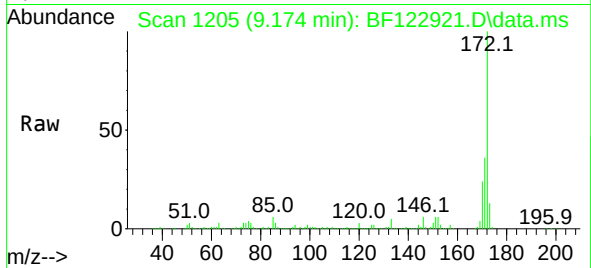




#45  
2-Fluorobiphenyl  
Concen: 95.97 ng  
RT: 9.174 min Scan# 1205  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

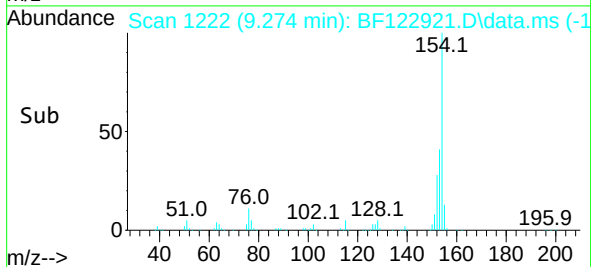
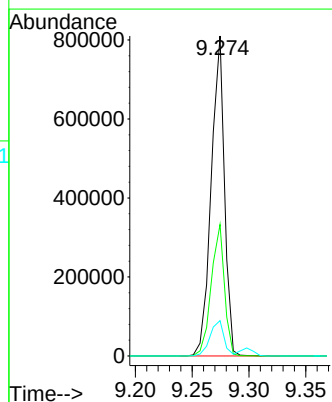
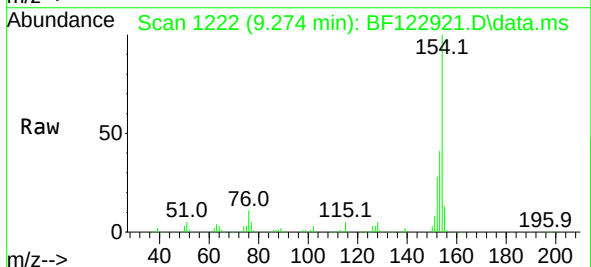
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

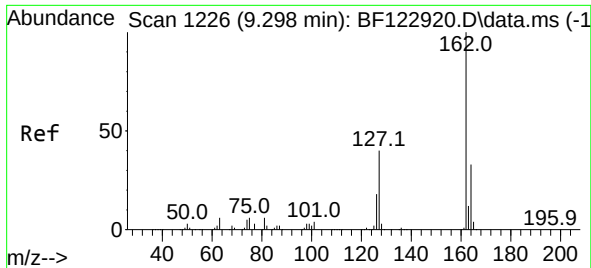
Tgt Ion:172 Resp: 1122322  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.6 44.4  
170 23.7 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 49.92 ng  
RT: 9.274 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:154 Resp: 655338  
Ion Ratio Lower Upper  
154 100  
153 41.1 21.8 61.8  
76 11.0 0.0 33.4

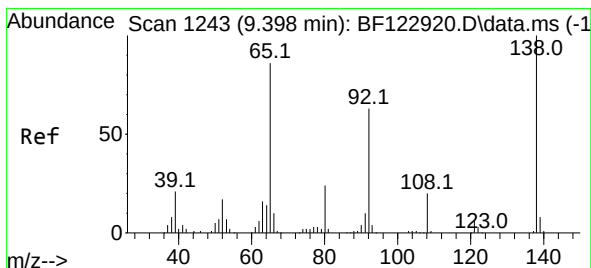
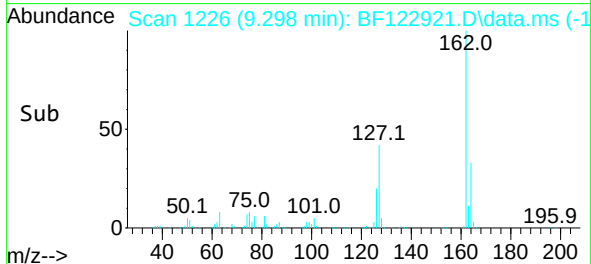
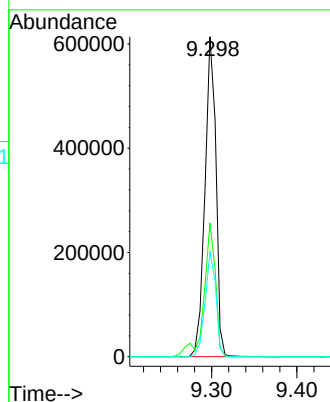
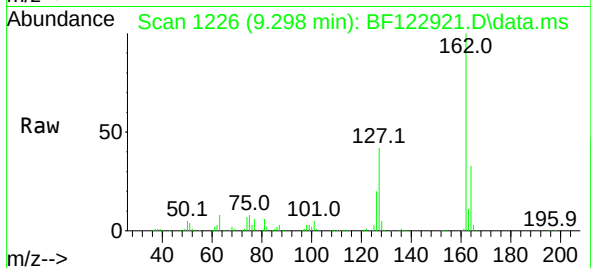




#47  
2-Chloronaphthalene  
Concen: 50.40 ng  
RT: 9.298 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

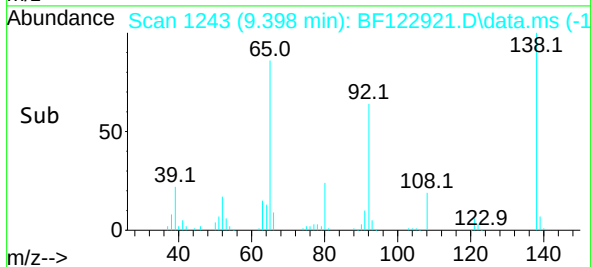
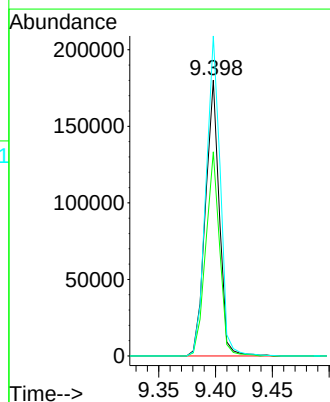
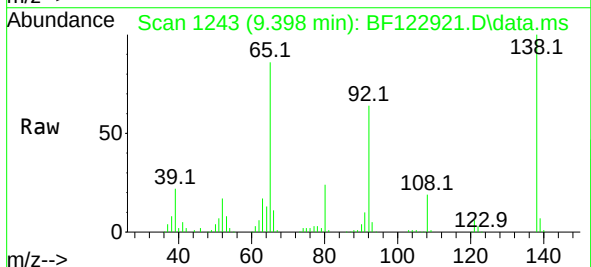
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

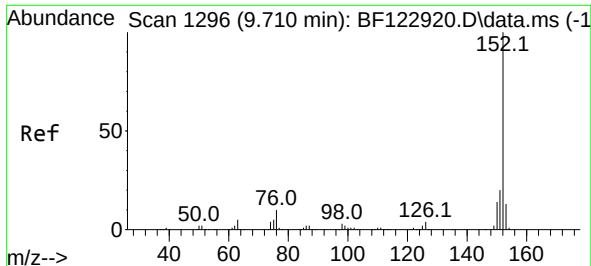
Tgt Ion:162 Resp: 548171  
Ion Ratio Lower Upper  
162 100  
127 41.8 33.8 50.8  
164 32.7 26.5 39.7



#48  
2-Nitroaniline  
Concen: 48.13 ng  
RT: 9.398 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion: 65 Resp: 152625  
Ion Ratio Lower Upper  
65 100  
92 74.0 60.0 90.0  
138 116.0 100.6 151.0





#49

Acenaphthylene

Concen: 49.11 ng

RT: 9.716 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BF122921.D

Acq: 5 Jan 2021 14:13

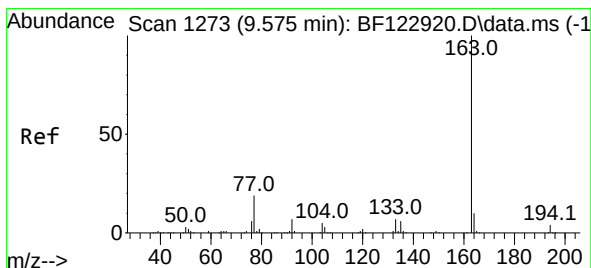
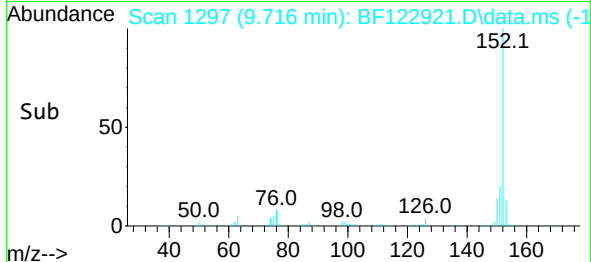
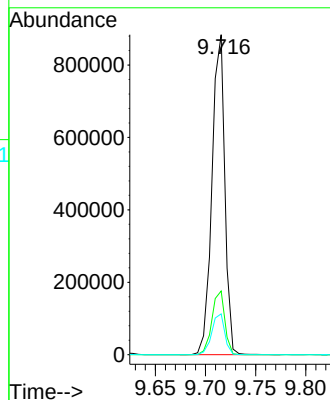
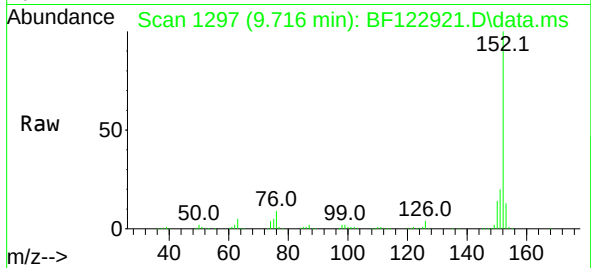
Tgt Ion:152 Resp: 788969

Ion Ratio Lower Upper

152 100

151 19.9 16.6 25.0

153 12.7 10.9 16.3



#50

Dimethylphthalate

Concen: 49.19 ng

RT: 9.574 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF122921.D

Acq: 5 Jan 2021 14:13

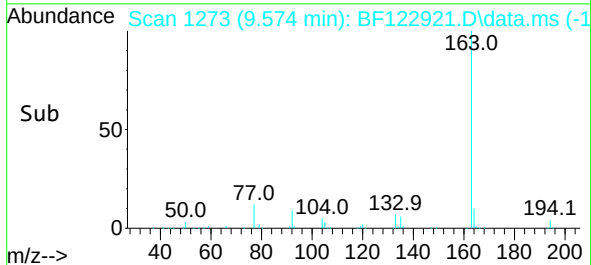
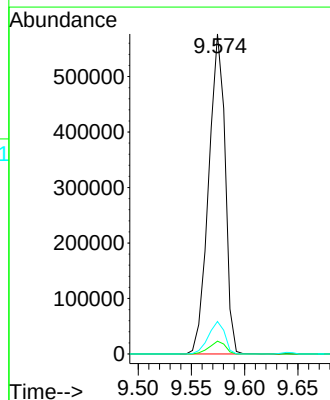
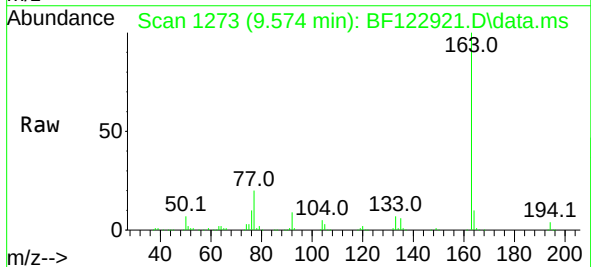
Tgt Ion:163 Resp: 621417

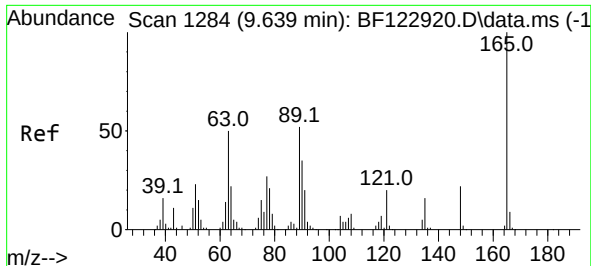
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.2 8.1 12.1

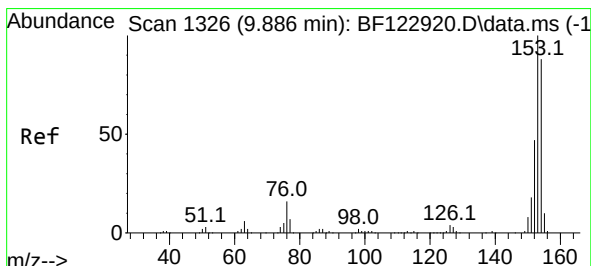
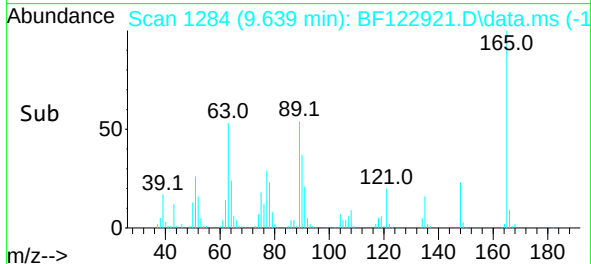
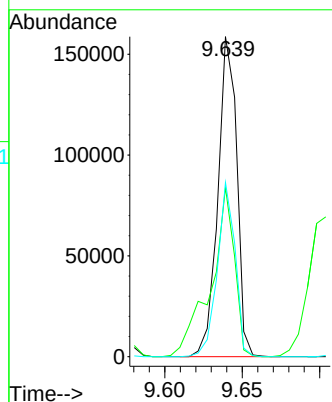
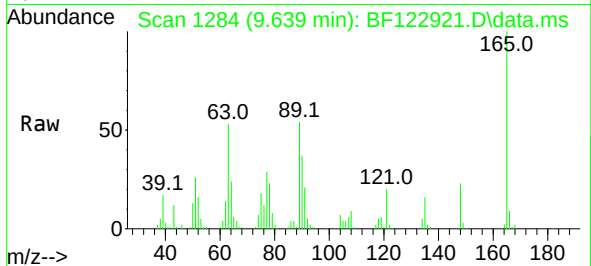




#51  
2,6-Dinitrotoluene  
Concen: 50.42 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

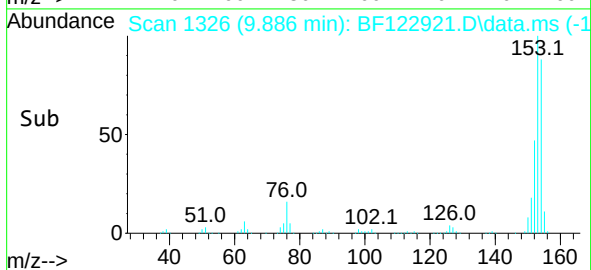
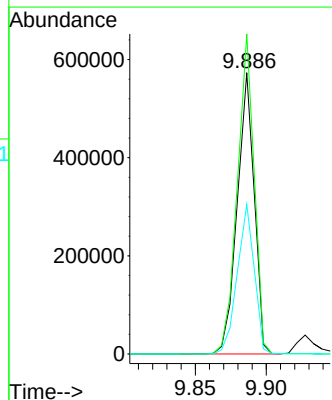
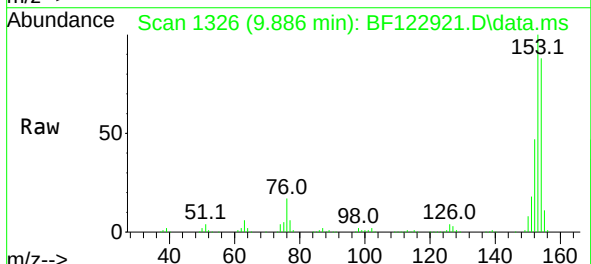
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

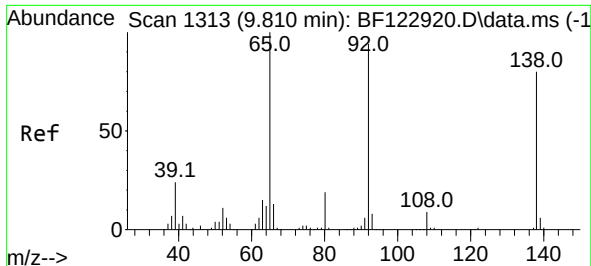
Tgt Ion:165 Resp: 134514  
Ion Ratio Lower Upper  
165 100  
63 52.9 36.6 55.0  
89 54.4 39.4 59.0



#52  
Acenaphthene  
Concen: 46.03 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:154 Resp: 478424  
Ion Ratio Lower Upper  
154 100  
153 113.8 89.0 133.6  
152 53.2 42.7 64.1

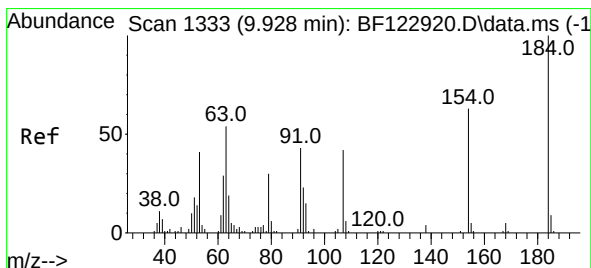
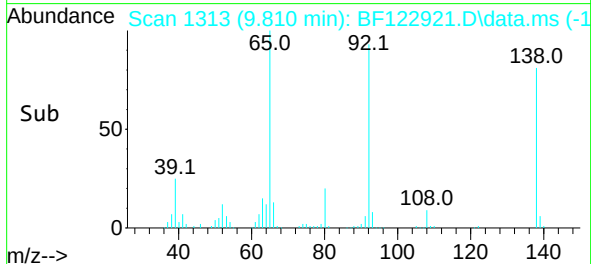
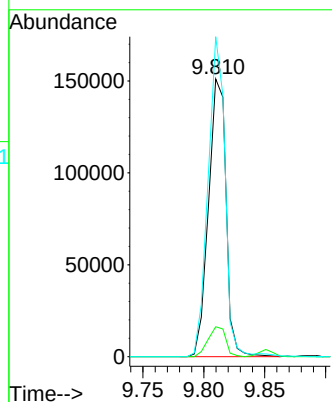
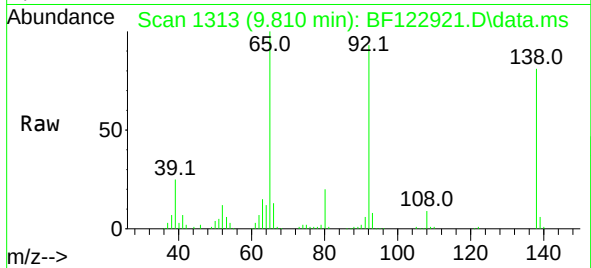




#53  
3-Nitroaniline  
Concen: 48.99 ng  
RT: 9.810 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

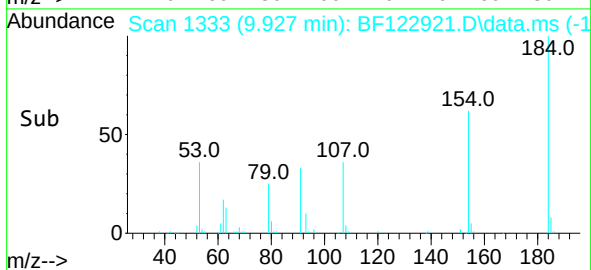
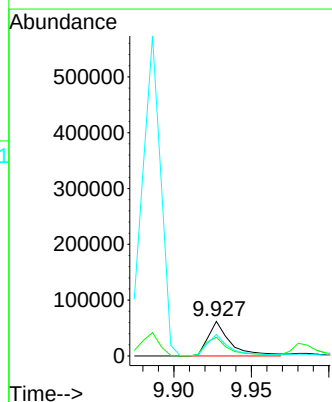
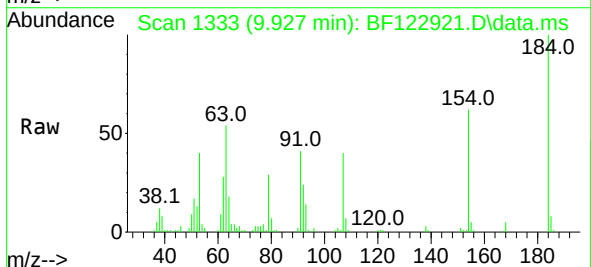
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

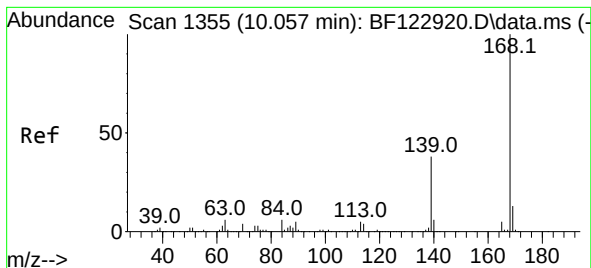
Tgt Ion:138 Resp: 151013  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.2 12.2  
92 115.2 85.4 128.2



#54  
2,4-Dinitrophenol  
Concen: 47.20 ng  
RT: 9.927 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:184 Resp: 61570  
Ion Ratio Lower Upper  
184 100  
63 54.0 51.4 77.2  
154 62.0 49.7 74.5

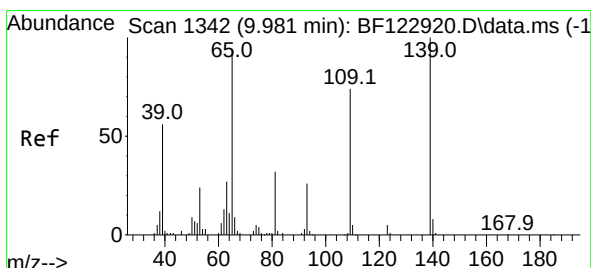
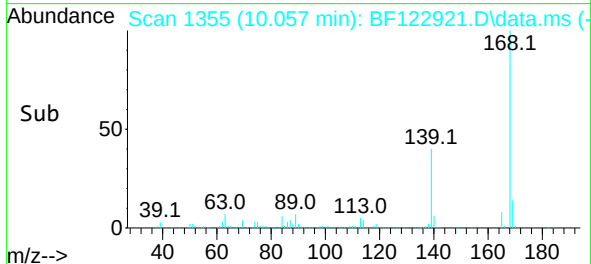
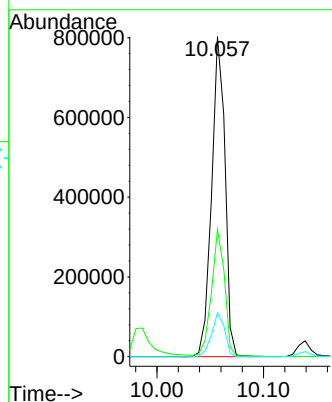
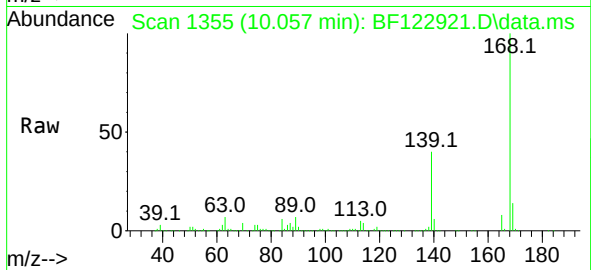




#55  
Dibenzofuran  
Concen: 47.96 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

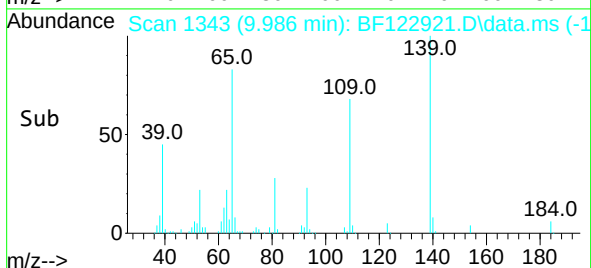
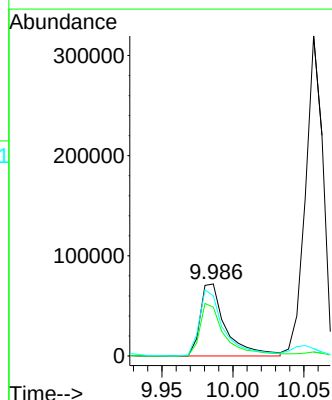
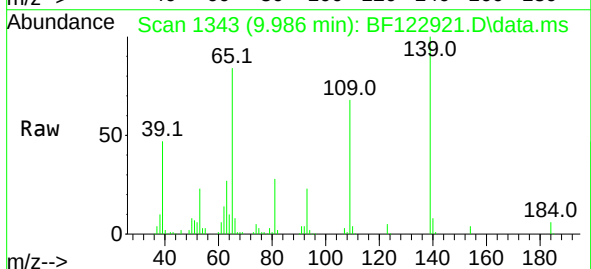
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

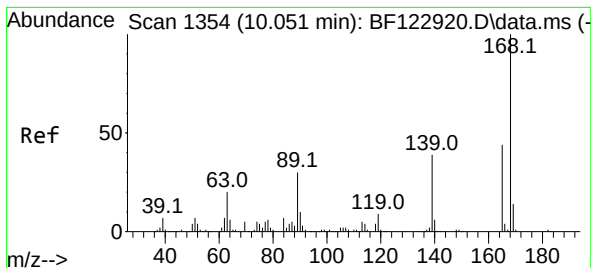
Tgt Ion:168 Resp: 701216  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.3 46.9  
169 13.7 11.2 16.8



#56  
4-Nitrophenol  
Concen: 40.89 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:139 Resp: 89884  
Ion Ratio Lower Upper  
139 100  
109 67.7 45.1 85.1  
65 83.6 59.2 99.2



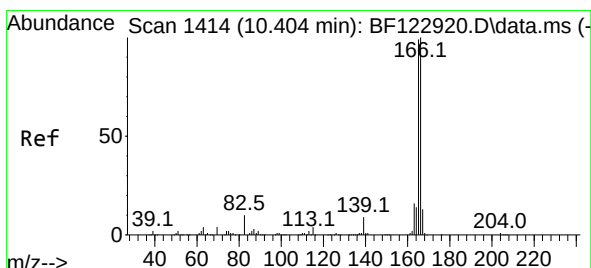
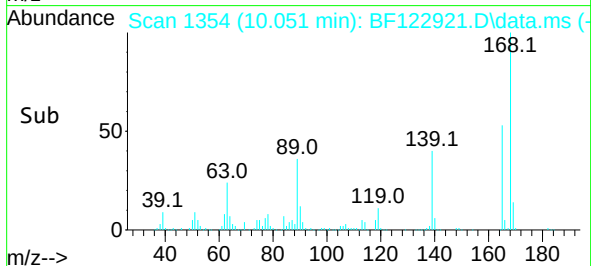
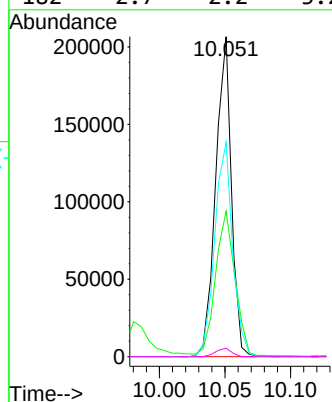
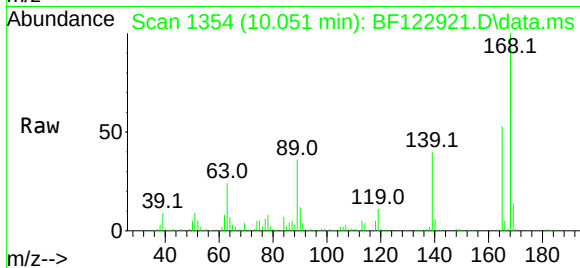


#57  
2,4-Dinitrotoluene  
Concen: 48.46 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion:165 Resp: 172205

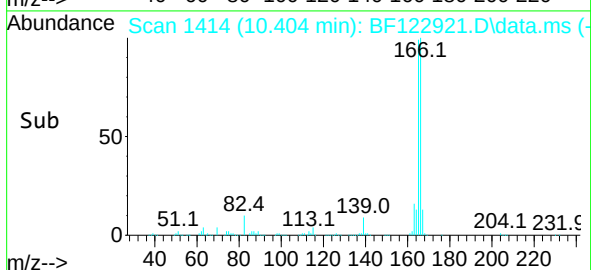
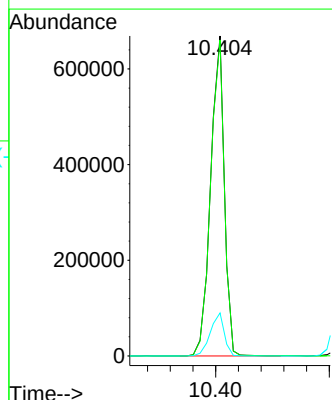
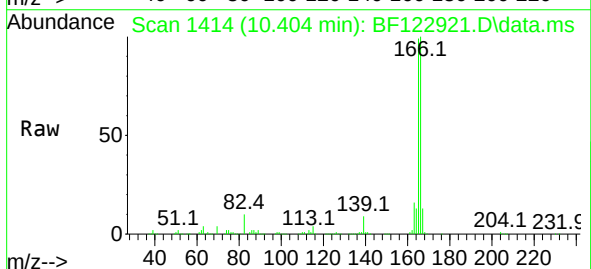
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 45.5  | 34.3  | 51.5  |
| 89  | 67.0  | 55.2  | 82.8  |
| 182 | 2.7   | 2.2   | 3.2   |



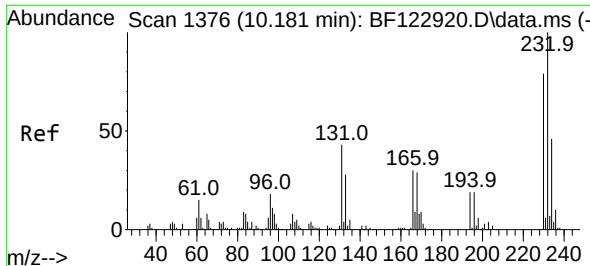
#58  
Fluorene  
Concen: 47.93 ng  
RT: 10.404 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:166 Resp: 557321

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.8  | 79.4  | 119.0 |
| 167 | 13.5  | 10.9  | 16.3  |



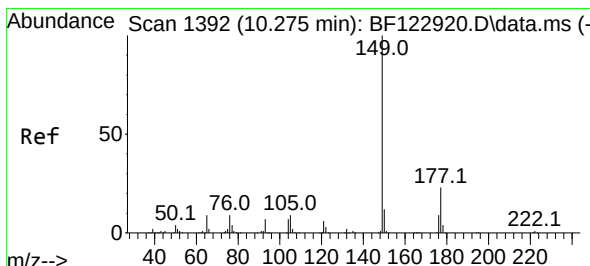
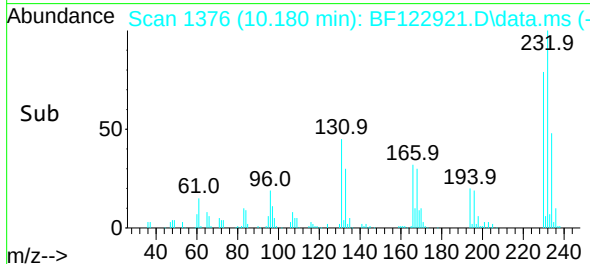
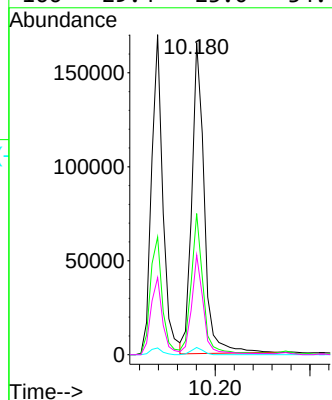
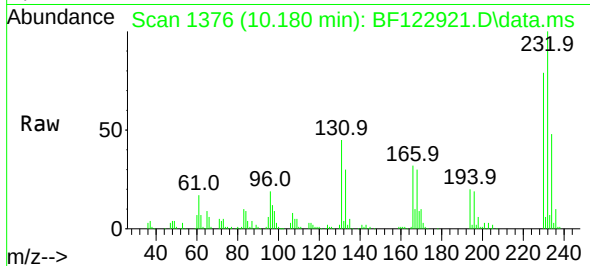




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.98 ng  
RT: 10.180 min Scan# 1376  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

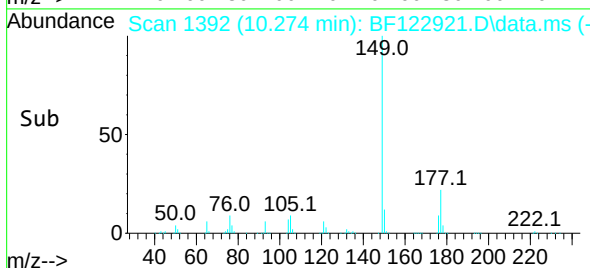
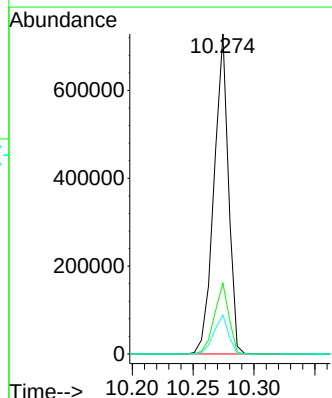
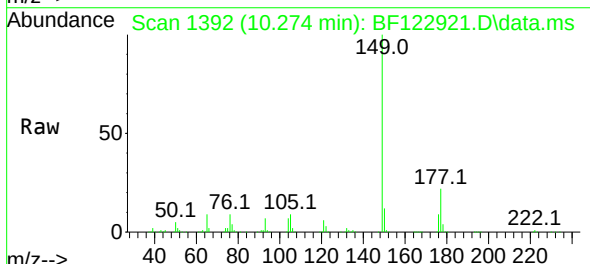
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

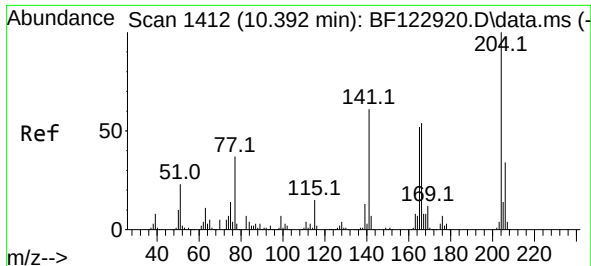
Tgt Ion:232 Resp: 151102  
Ion Ratio Lower Upper  
232 100  
131 41.9 33.0 49.4  
130 2.2 1.7 2.5  
166 29.4 23.0 34.4



#60  
Diethylphthalate  
Concen: 48.88 ng  
RT: 10.274 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:149 Resp: 600538  
Ion Ratio Lower Upper  
149 100  
177 22.1 18.2 27.4  
150 12.2 10.1 15.1

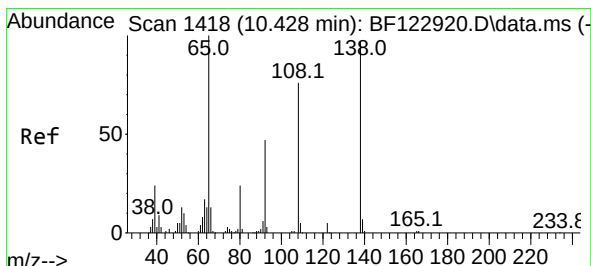
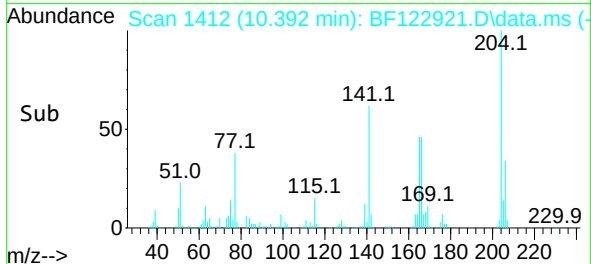
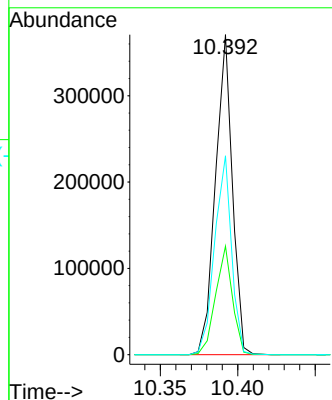
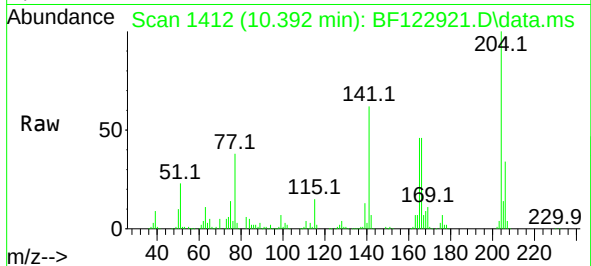




#61  
4-Chlorophenyl-phenylether  
Concen: 49.18 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

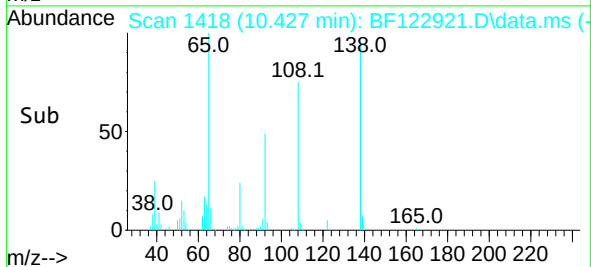
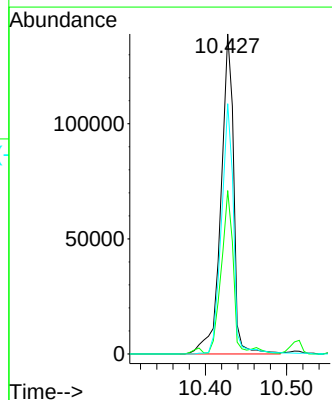
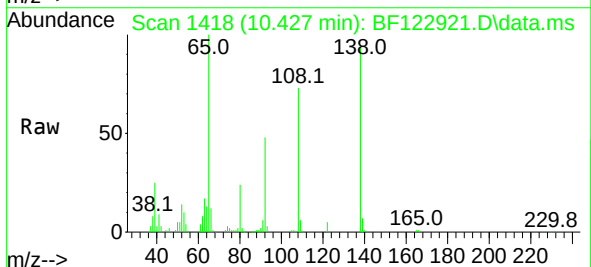
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

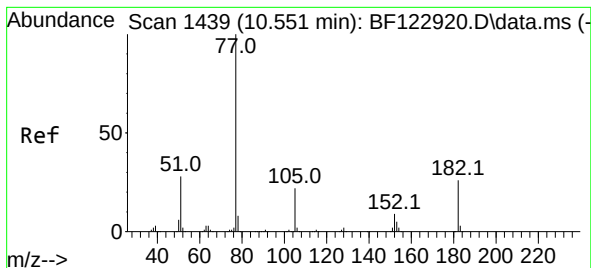
Tgt Ion:204 Resp: 281590  
Ion Ratio Lower Upper  
204 100  
206 33.9 27.0 40.4  
141 62.1 50.4 75.6



#62  
4-Nitroaniline  
Concen: 48.77 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:138 Resp: 152614  
Ion Ratio Lower Upper  
138 100  
92 51.1 31.0 71.0  
108 78.2 54.8 94.8

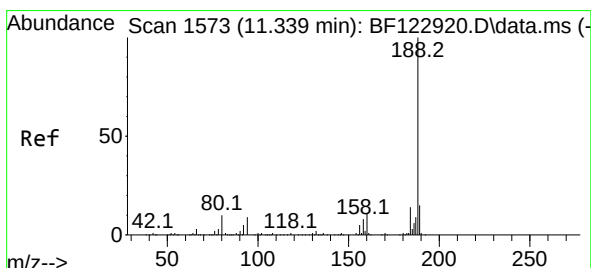
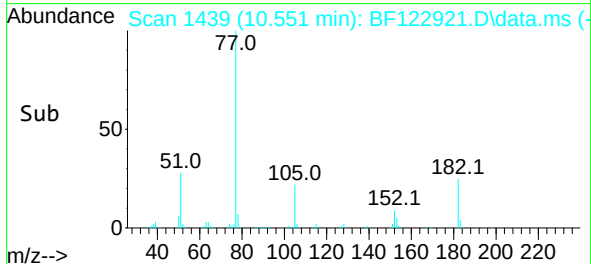
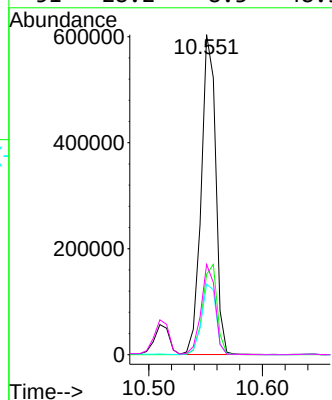
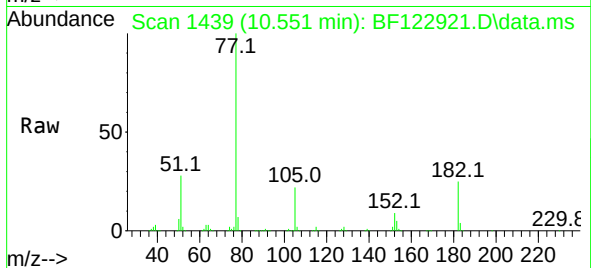




#63  
Azobenzene  
Concen: 47.30 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

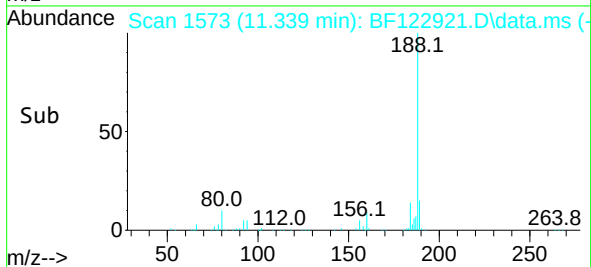
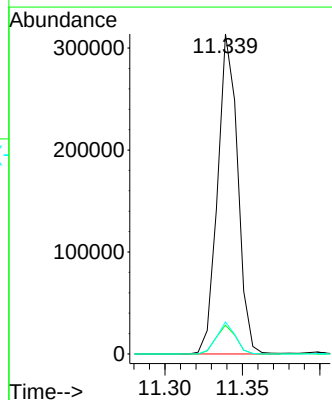
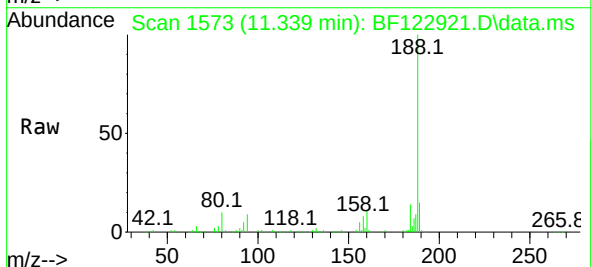
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

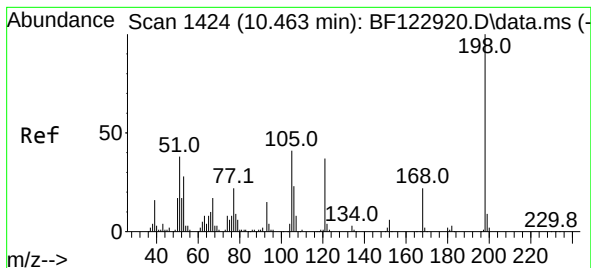
Tgt Ion: 77 Resp: 534220  
Ion Ratio Lower Upper  
77 100  
182 25.1 5.6 45.6  
105 22.1 1.8 41.8  
51 28.2 8.3 48.3



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.339 min Scan# 1573  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion: 188 Resp: 282588  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.4 11.2  
80 10.0 8.2 12.4

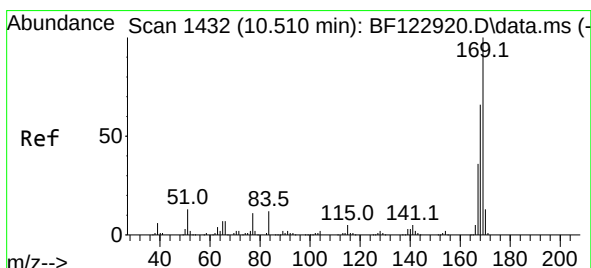
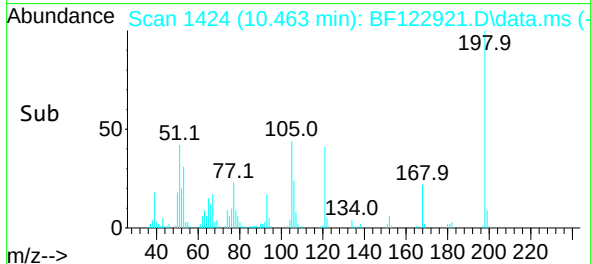
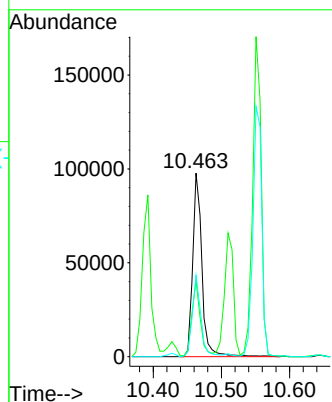
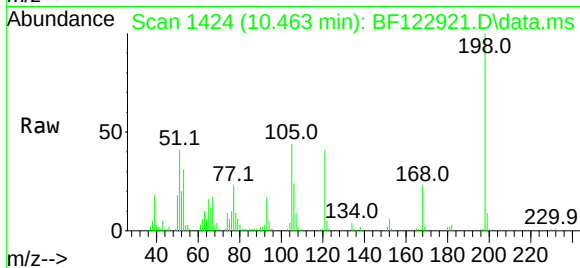




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.92 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

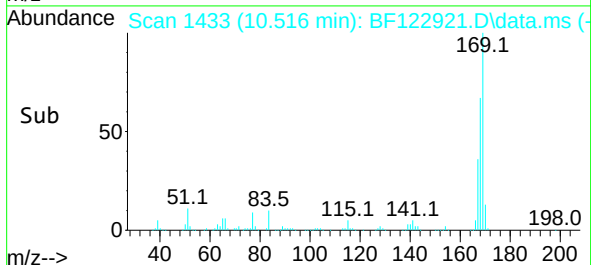
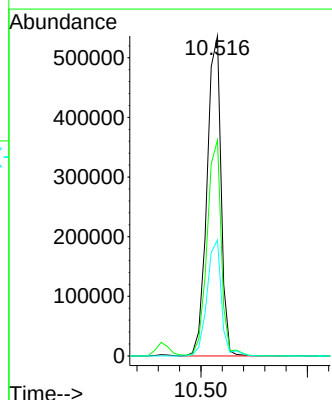
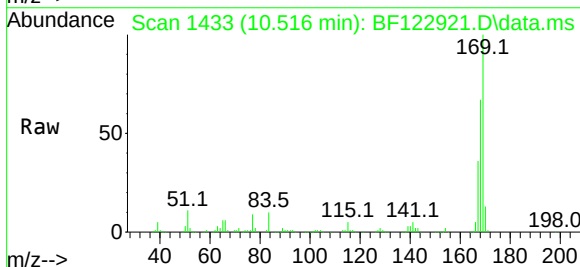
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

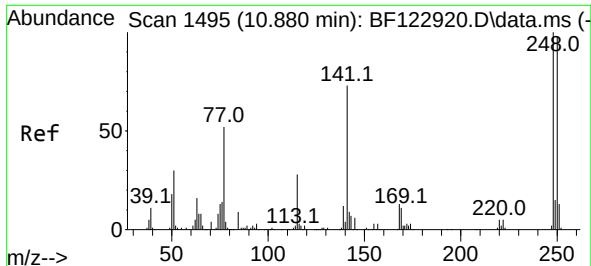
Tgt Ion:198 Resp: 91189  
Ion Ratio Lower Upper  
198 100  
51 41.5 20.3 60.3  
105 44.2 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 49.47 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:169 Resp: 493979  
Ion Ratio Lower Upper  
169 100  
168 67.5 54.2 81.2  
167 36.3 29.2 43.8

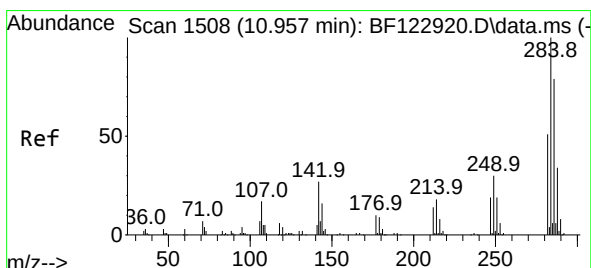
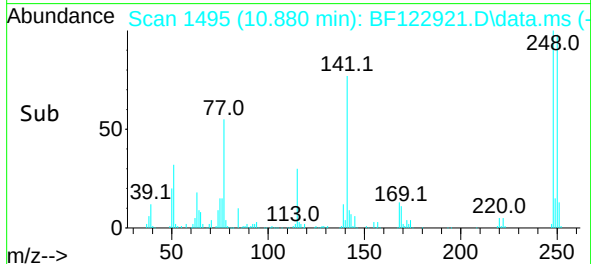
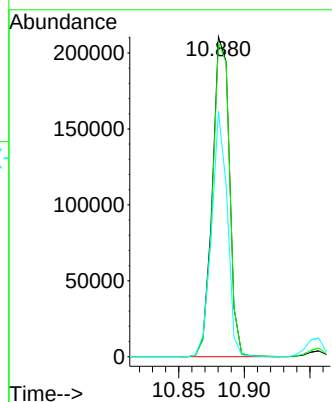
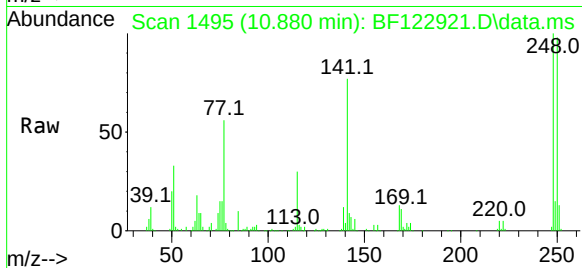




#67  
4-Bromophenyl-phenylether  
Concen: 49.57 ng  
RT: 10.880 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

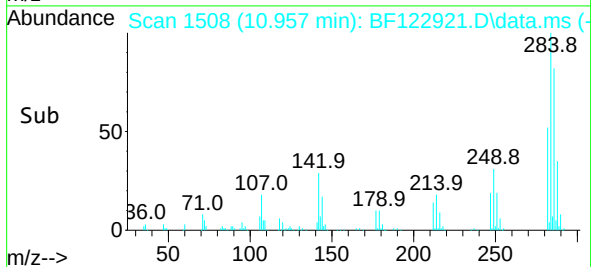
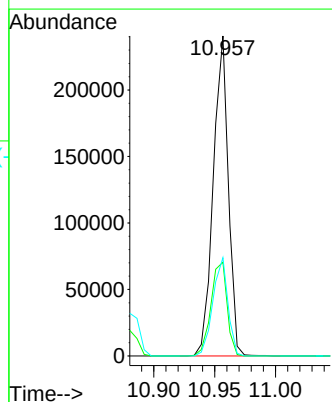
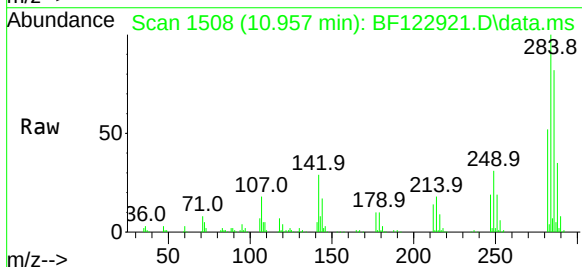
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

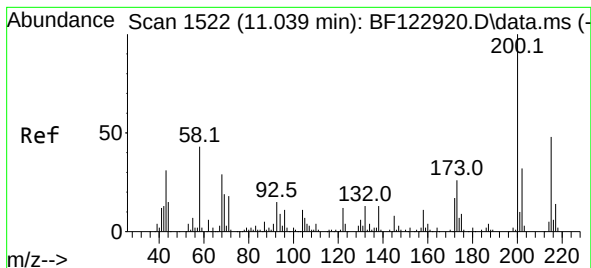
Tgt Ion:248 Resp: 189812  
Ion Ratio Lower Upper  
248 100  
250 98.1 76.8 115.2  
141 76.6 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 49.02 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:284 Resp: 207498  
Ion Ratio Lower Upper  
284 100  
142 29.3 25.6 38.4  
249 30.7 25.1 37.7





#69

Atrazine

Concen: 47.46 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.000 min

Lab File: BF122921.D

Acq: 5 Jan 2021 14:13

Tgt Ion:200 Resp: 153883

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

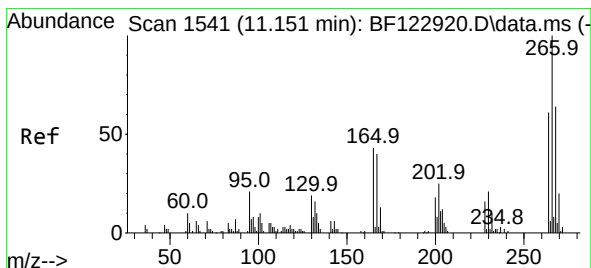
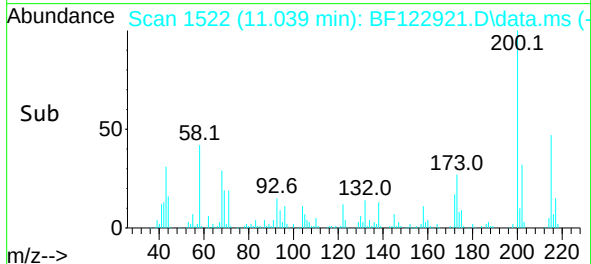
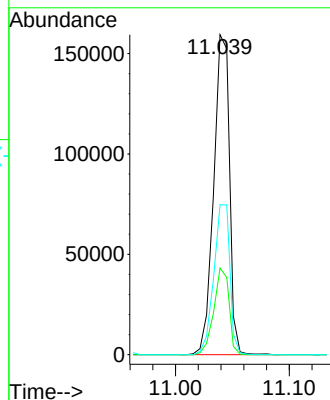
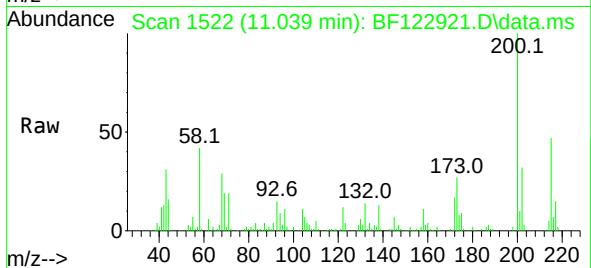
215 46.9 28.1 68.1

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050



#70

Pentachlorophenol

Concen: 39.05 ng

RT: 11.151 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF122921.D

Acq: 5 Jan 2021 14:13

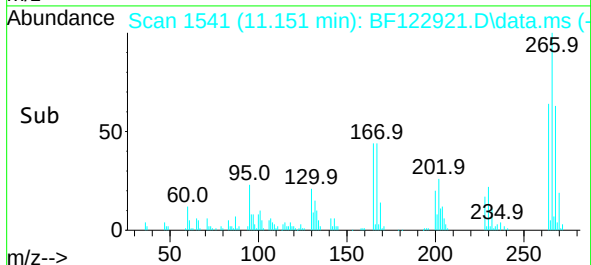
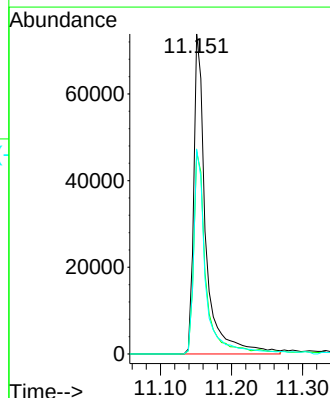
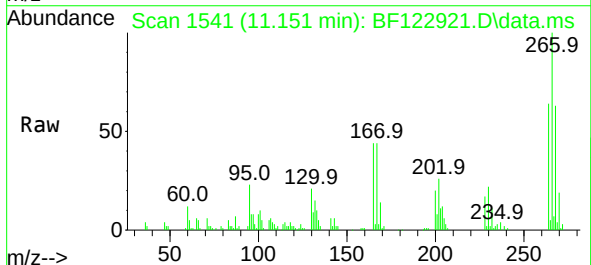
Tgt Ion:266 Resp: 87583

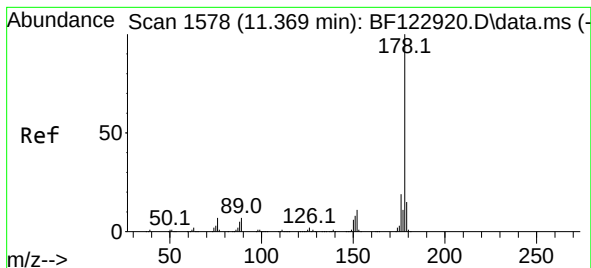
Ion Ratio Lower Upper

266 100

268 63.1 50.5 75.7

264 64.0 49.8 74.8

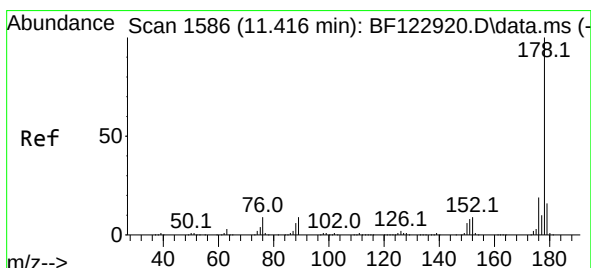
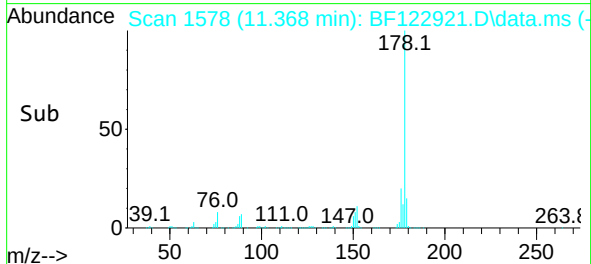
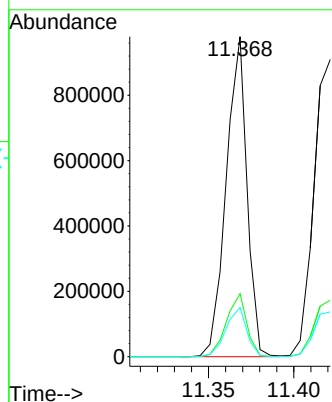
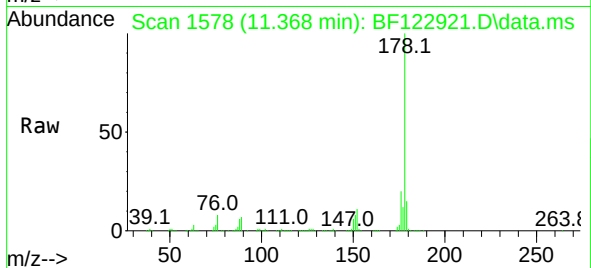




#71  
Phenanthrene  
Concen: 49.51 ng  
RT: 11.368 min Scan# 1578  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

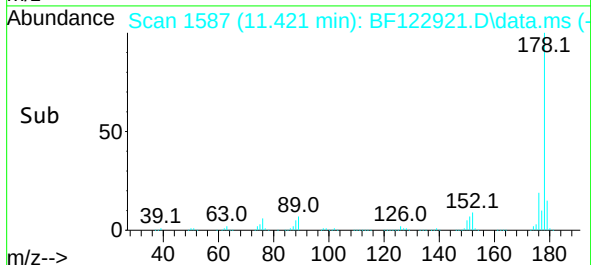
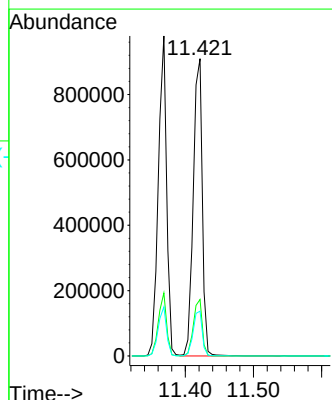
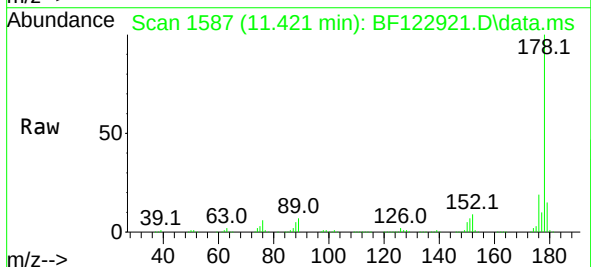
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

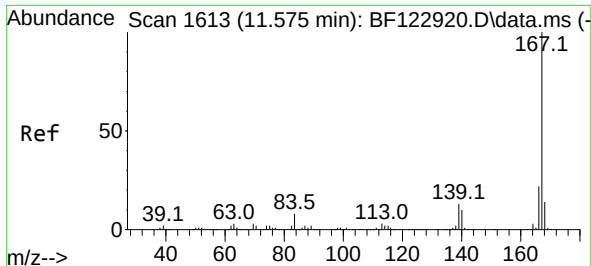
Tgt Ion:178 Resp: 831473  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.2 24.2  
179 15.4 12.7 19.1



#72  
Anthracene  
Concen: 49.96 ng  
RT: 11.421 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:178 Resp: 832083  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.6 23.4  
179 15.1 12.8 19.2

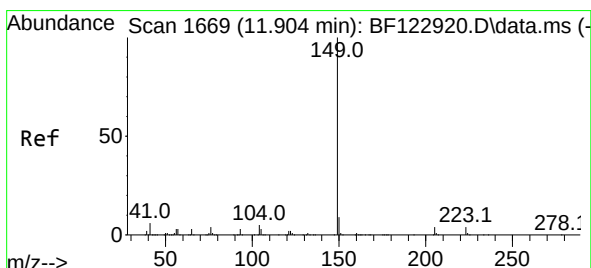
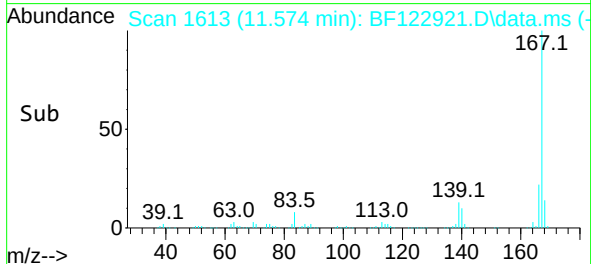
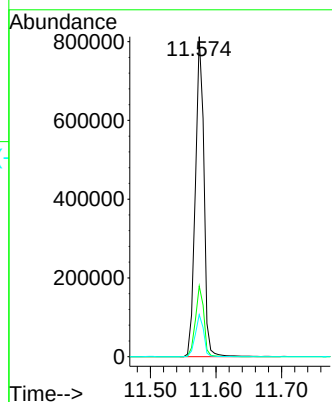
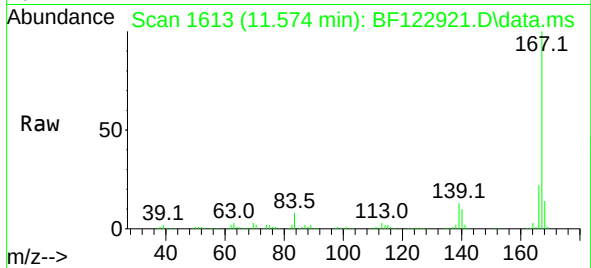




#73  
 Carbazole  
 Concen: 49.01 ng  
 RT: 11.574 min Scan# 1613  
 Delta R.T. -0.000 min  
 Lab File: BF122921.D  
 Acq: 5 Jan 2021 14:13

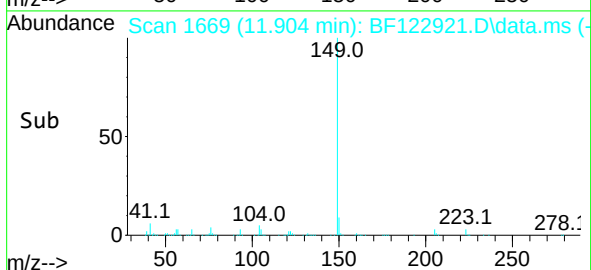
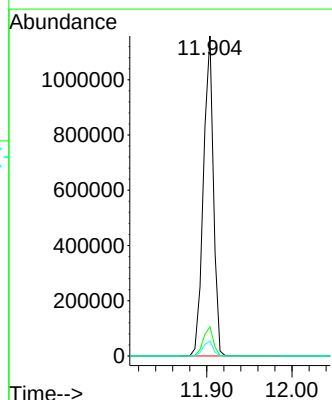
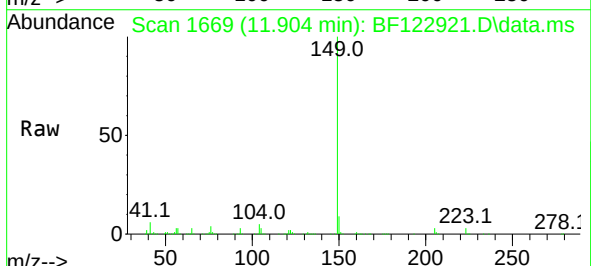
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:167 Resp: 740246  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 18.0 27.0  
 139 13.2 10.9 16.3

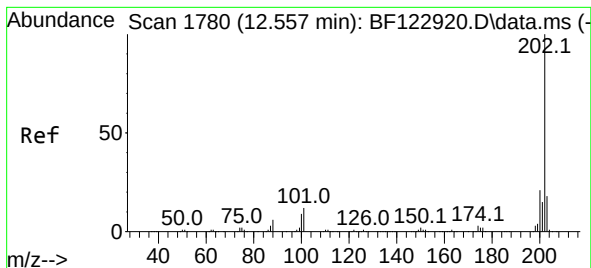


#74  
 Di-n-butylphthalate  
 Concen: 49.62 ng  
 RT: 11.904 min Scan# 1669  
 Delta R.T. -0.000 min  
 Lab File: BF122921.D  
 Acq: 5 Jan 2021 14:13

Tgt Ion:149 Resp: 941676  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.8 11.6  
 104 4.6 4.2 6.4

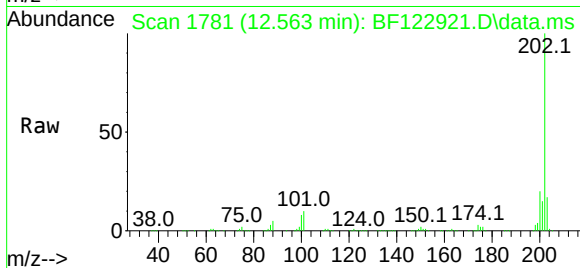




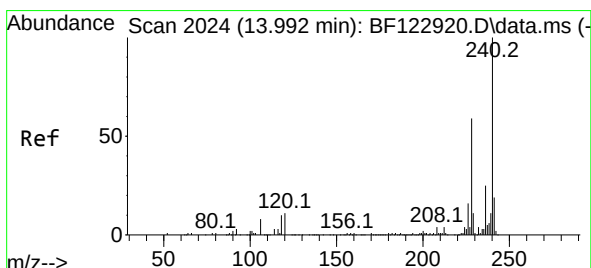
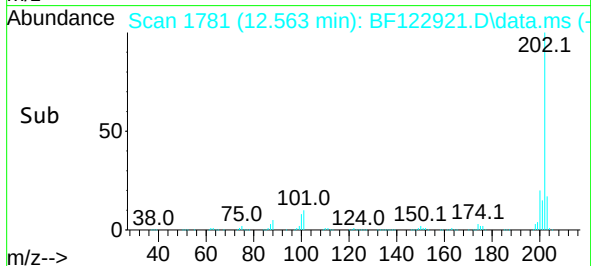
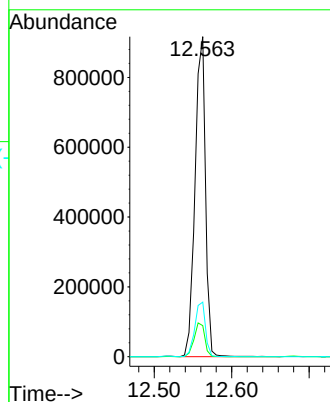


#75  
Fluoranthene  
Concen: 48.72 ng  
RT: 12.563 min Scan# 1781  
Delta R.T. 0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

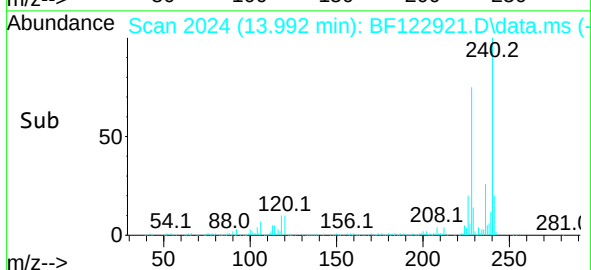
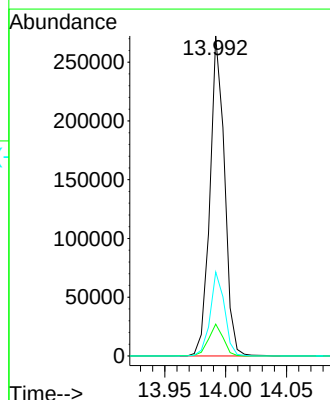
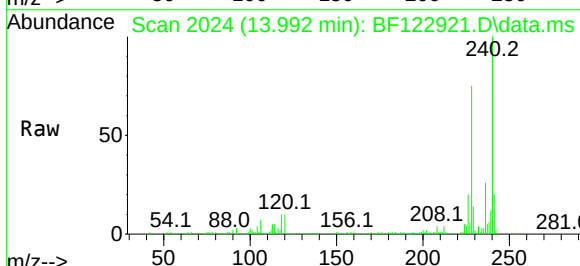


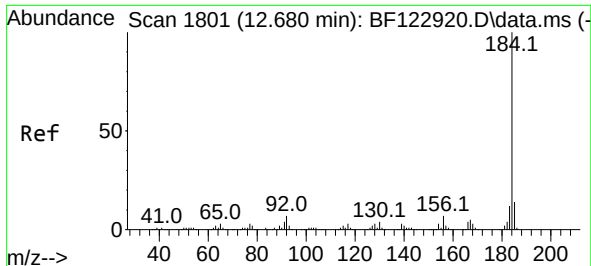
Tgt Ion:202 Resp: 858051  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 32.2  
203 17.1 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:240 Resp: 226267  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.6 12.8  
236 26.2 20.3 30.5

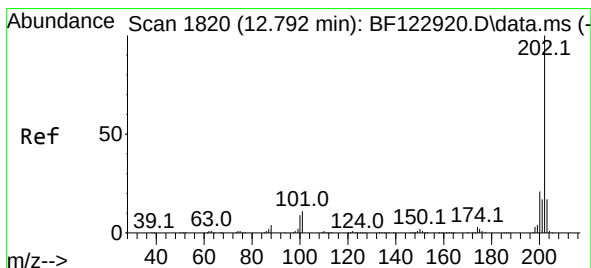
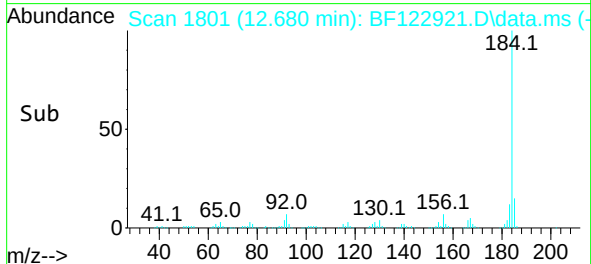
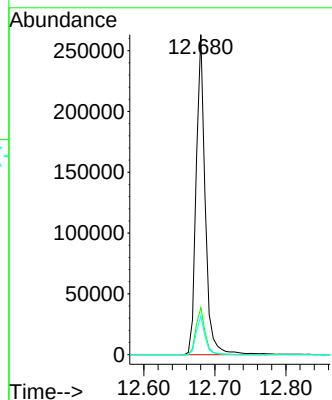
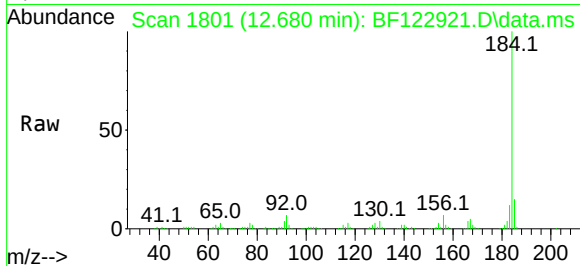




#77  
Benzidine  
Concen: 47.85 ng  
RT: 12.680 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

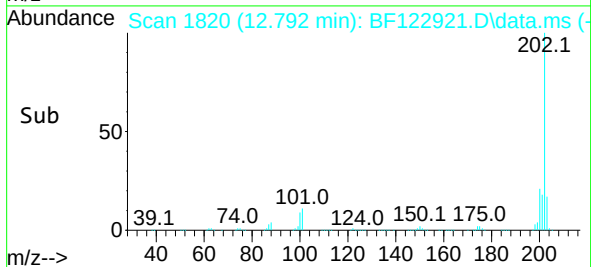
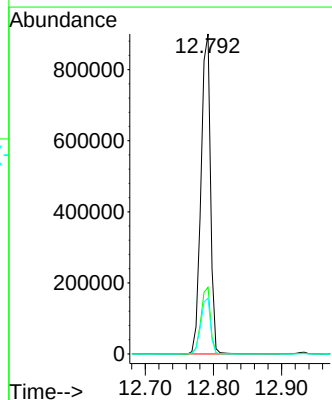
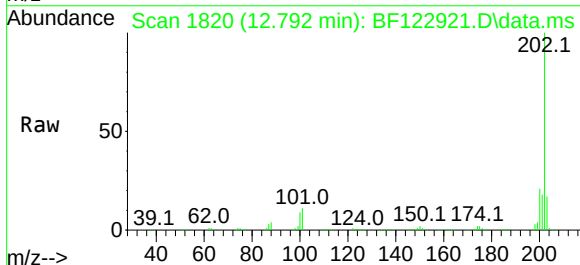
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

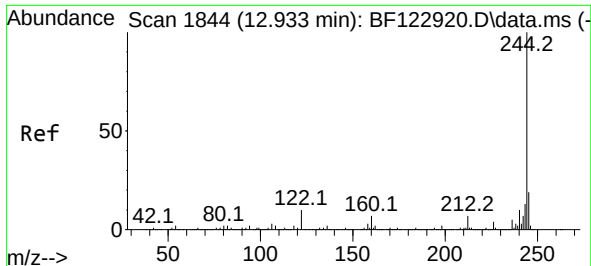
Tgt Ion:184 Resp: 234179  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.8 17.6  
183 12.1 9.7 14.5



#78  
Pyrene  
Concen: 49.70 ng  
RT: 12.792 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

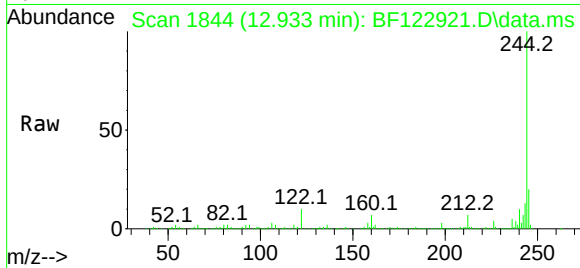
Tgt Ion:202 Resp: 869404  
Ion Ratio Lower Upper  
202 100  
200 20.9 17.6 26.4  
203 17.5 14.6 21.8





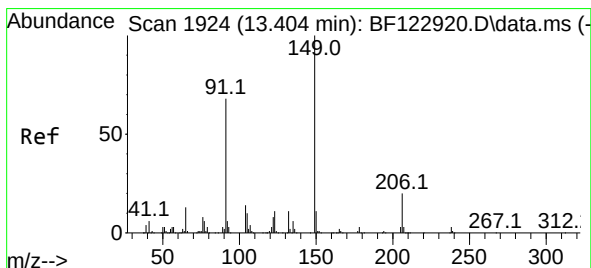
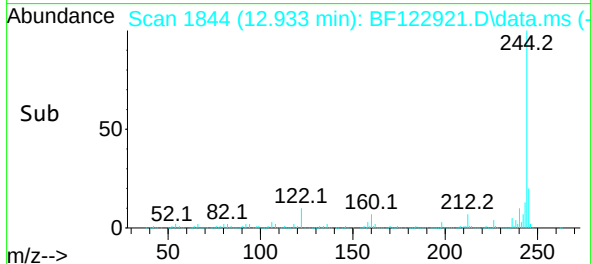
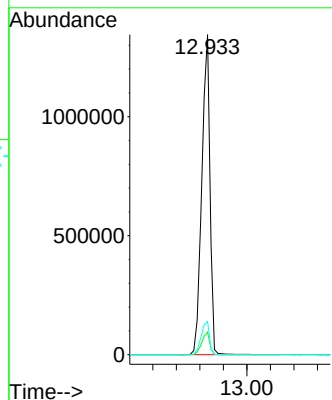
#79  
 Terphenyl-d14  
 Concen: 100.15 ng  
 RT: 12.933 min Scan# 1844  
 Delta R.T. -0.000 min  
 Lab File: BF122921.D  
 Acq: 5 Jan 2021 14:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050



Tgt Ion:244 Resp: 1294624  

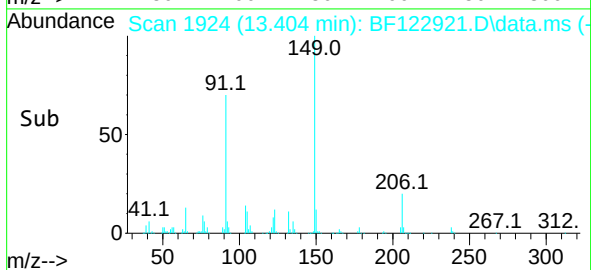
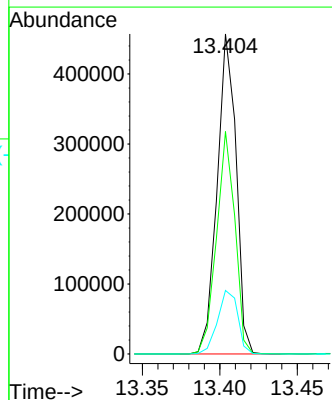
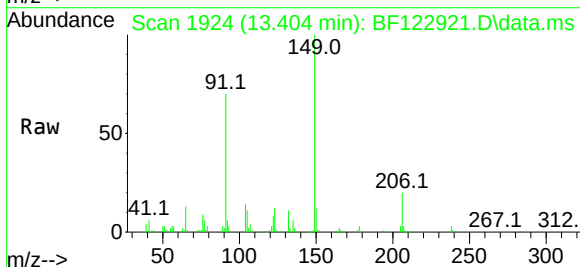
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 5.7   | 8.5   |
| 122 | 10.3  | 8.3   | 12.5  |

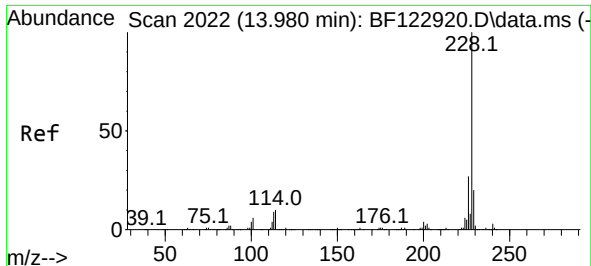


#80  
 Butylbenzylphthalate  
 Concen: 49.34 ng  
 RT: 13.404 min Scan# 1924  
 Delta R.T. -0.000 min  
 Lab File: BF122921.D  
 Acq: 5 Jan 2021 14:13

Tgt Ion:149 Resp: 388830  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 69.5  | 56.5  | 84.7  |
| 206 | 19.8  | 17.0  | 25.6  |

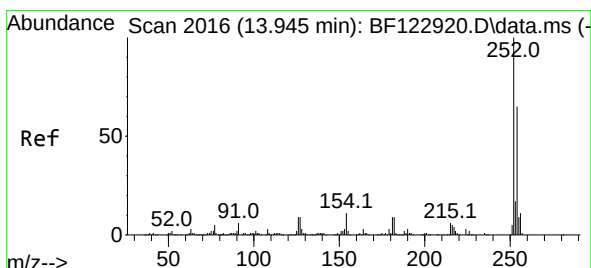
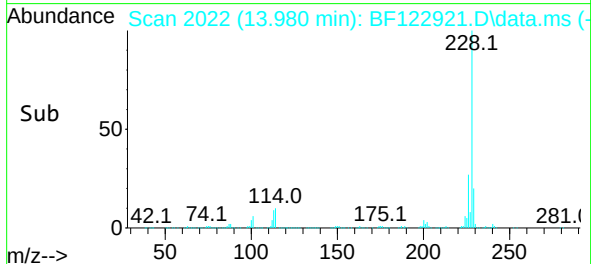
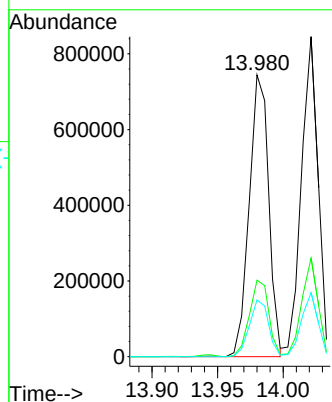
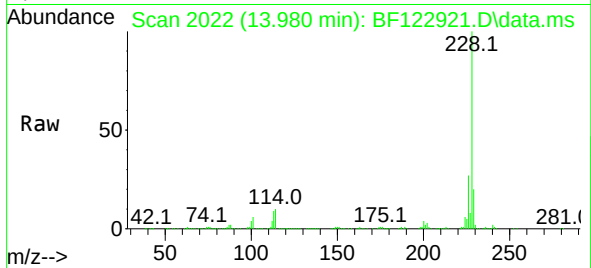




#81  
Benzo(a)anthracene  
Concen: 50.86 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

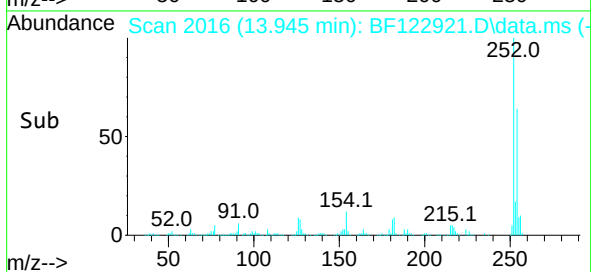
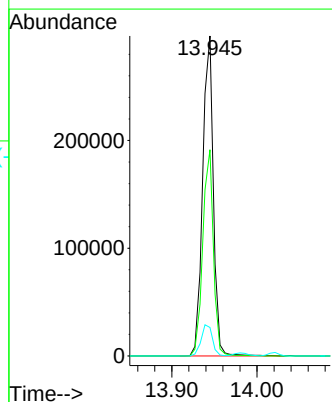
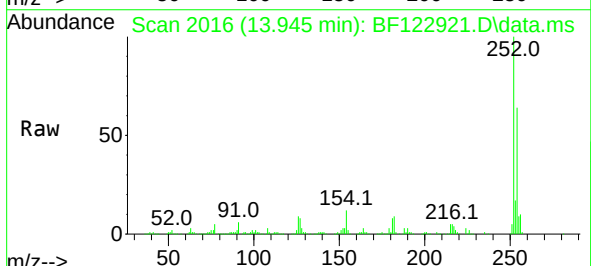
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

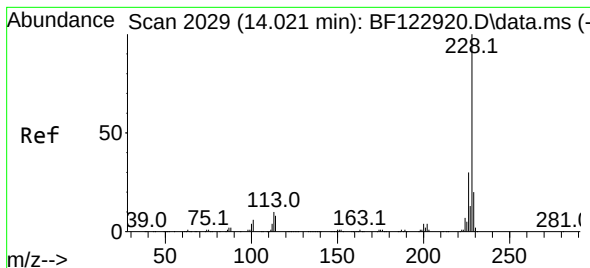
Tgt Ion:228 Resp: 769081  
Ion Ratio Lower Upper  
228 100  
226 27.1 23.0 34.4  
229 20.1 16.6 24.8



#82  
3,3'-Dichlorobenzidine  
Concen: 47.76 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:252 Resp: 258693  
Ion Ratio Lower Upper  
252 100  
254 64.5 52.7 79.1  
126 8.9 8.0 12.0





#83

Chrysene

Concen: 49.81 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF122921.D

Acq: 5 Jan 2021 14:13

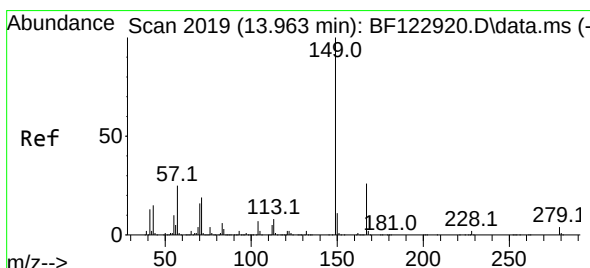
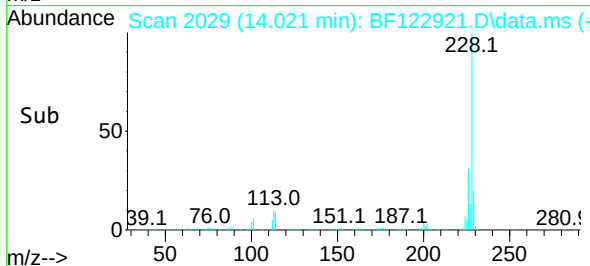
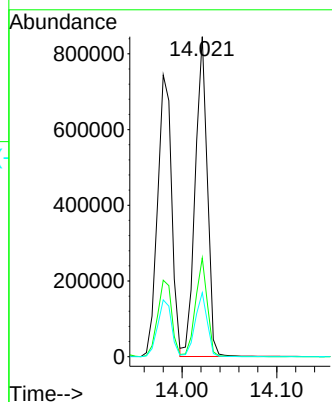
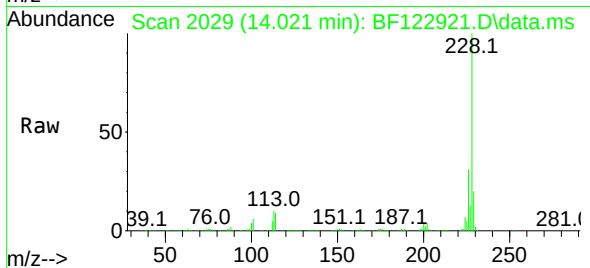
Tgt Ion:228 Resp: 749595

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.65 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF122921.D

Acq: 5 Jan 2021 14:13

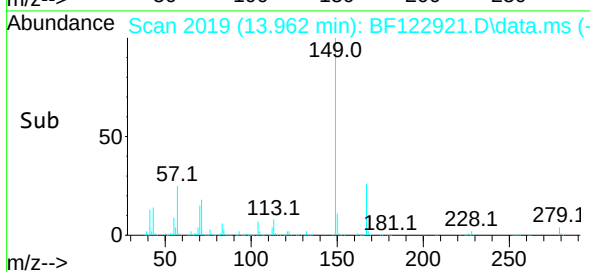
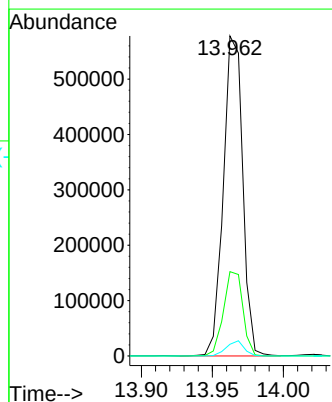
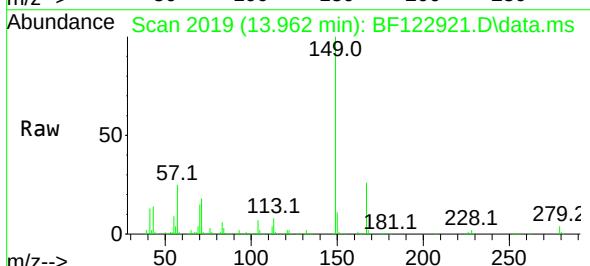
Tgt Ion:149 Resp: 546499

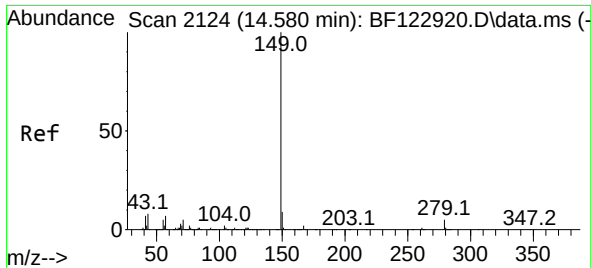
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

279 3.7 3.4 5.0

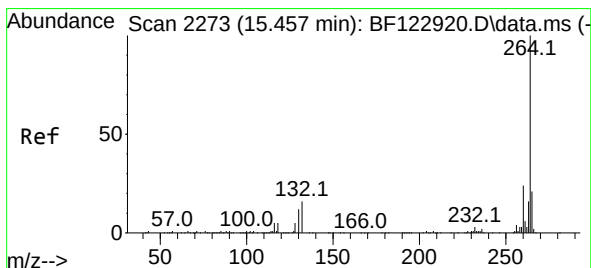
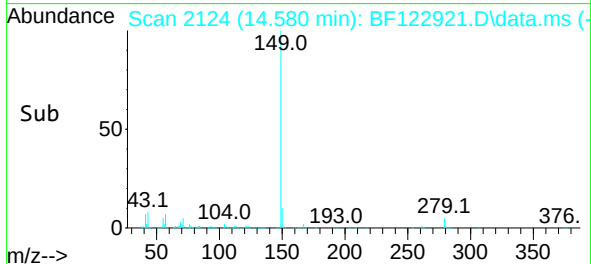
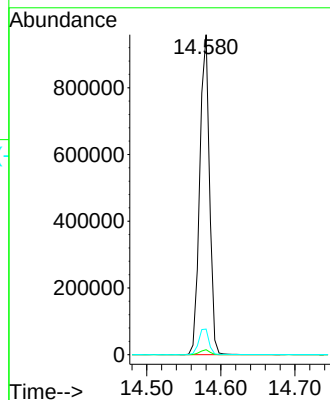
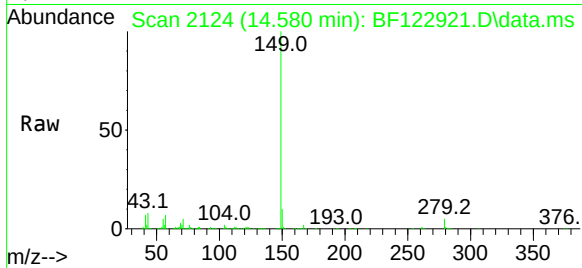




#85  
Di-n-octyl phthalate  
Concen: 49.00 ng  
RT: 14.580 min Scan# 2124  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

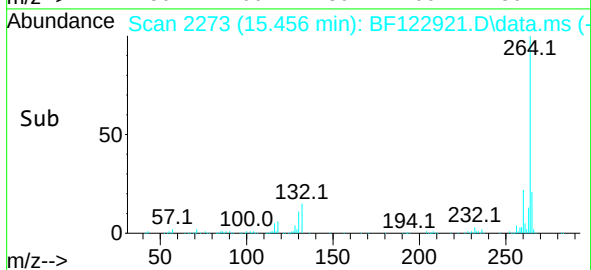
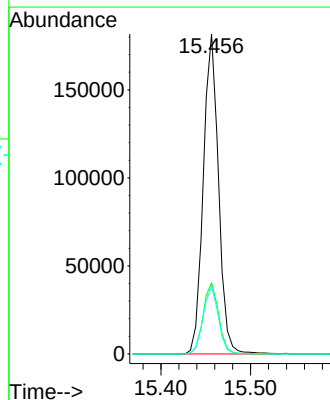
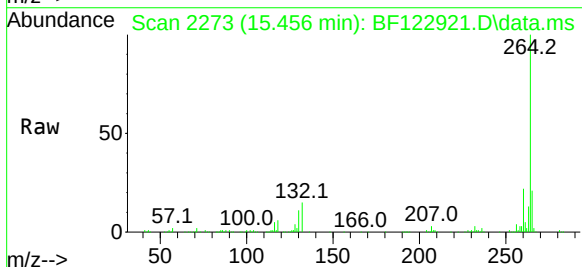
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

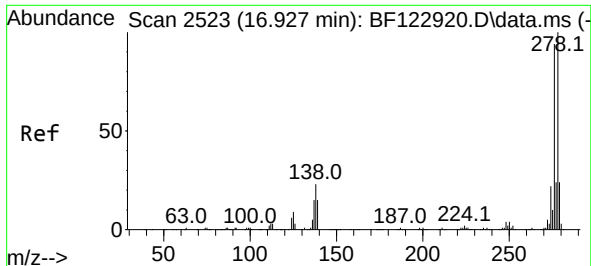
Tgt Ion:149 Resp: 877157  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 8.6 7.6 11.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.456 min Scan# 2273  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:264 Resp: 213773  
Ion Ratio Lower Upper  
264 100  
260 22.2 18.6 28.0  
265 21.3 17.0 25.6

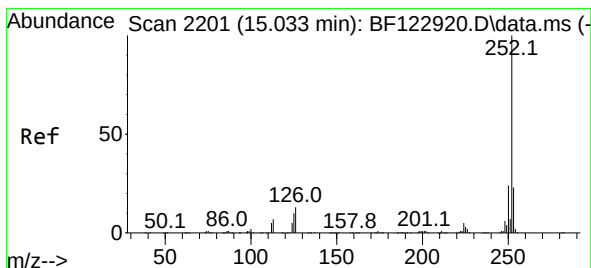
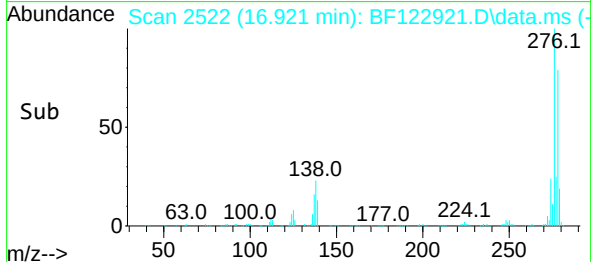
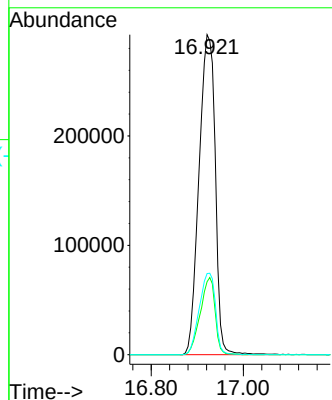
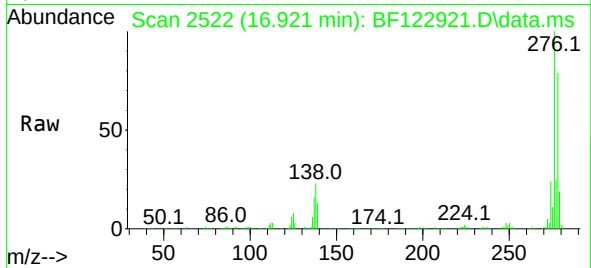




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 51.24 ng  
RT: 16.921 min Scan# 2522  
Delta R.T. -0.006 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

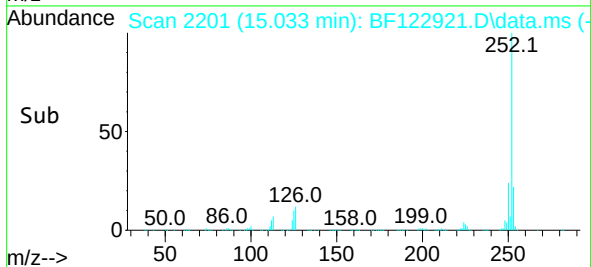
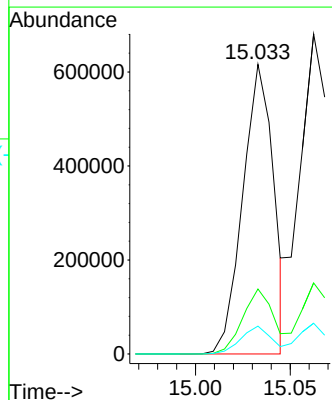
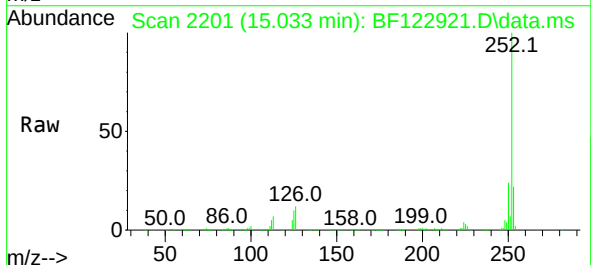
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

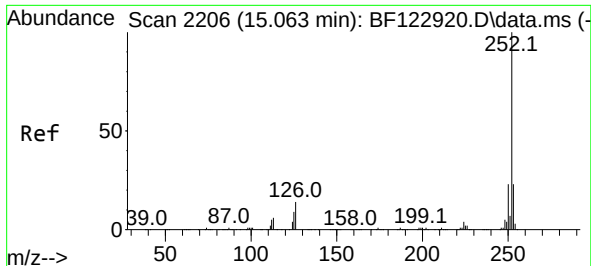
Tgt Ion:276 Resp: 719008  
Ion Ratio Lower Upper  
276 100  
138 22.0 18.7 28.1  
277 25.3 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 46.63 ng  
RT: 15.033 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:252 Resp: 699351  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.3 27.5  
125 9.6 8.1 12.1

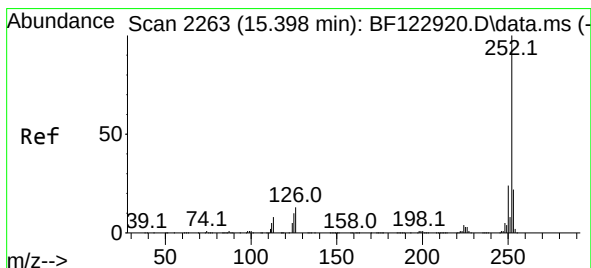
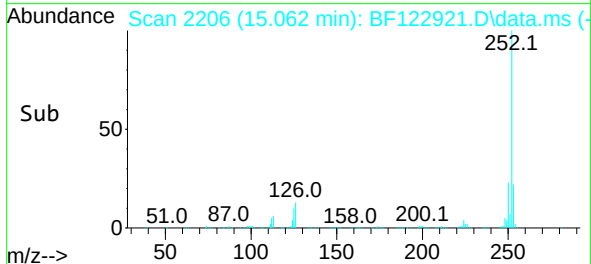
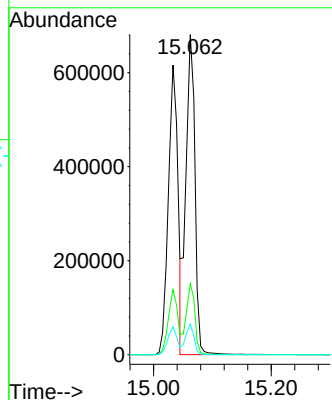
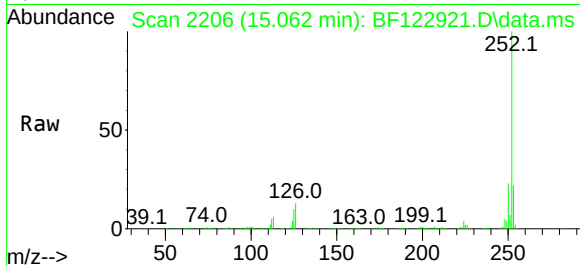




#89  
Benzo(k)fluoranthene  
Concen: 52.87 ng  
RT: 15.062 min Scan# 2206  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

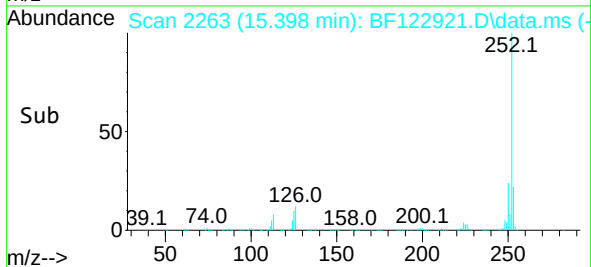
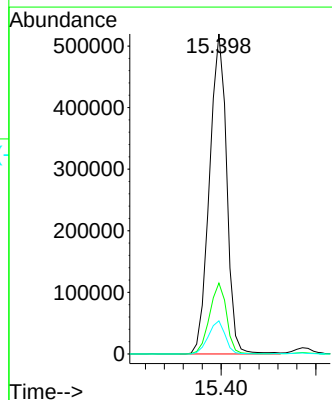
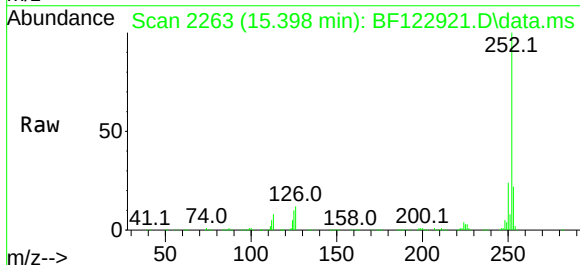
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion:252 Resp: 725059  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.8  
125 9.6 8.4 12.6

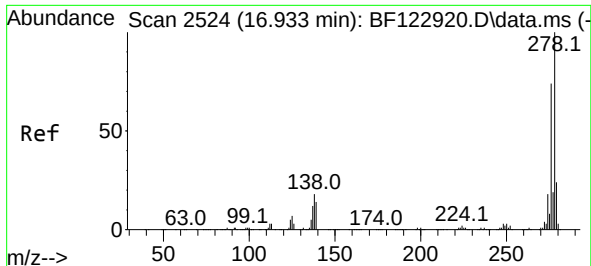


#90  
Benzo(a)pyrene  
Concen: 50.04 ng  
RT: 15.398 min Scan# 2263  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:252 Resp: 656593  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 10.3 8.6 12.8



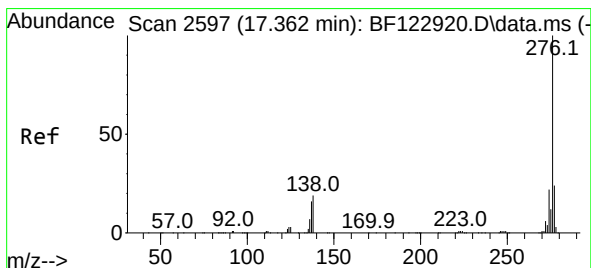
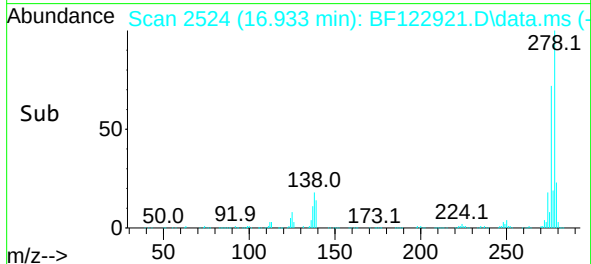
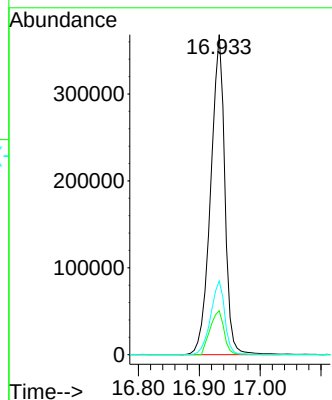
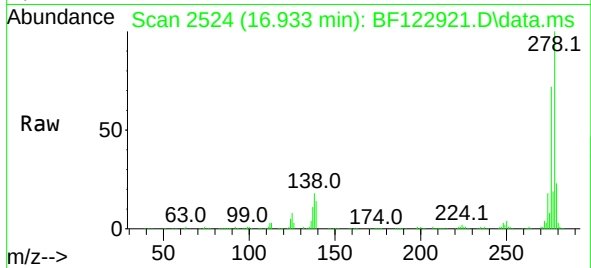




#91  
Dibenzo(a,h)anthracene  
Concen: 51.65 ng  
RT: 16.933 min Scan# 2524  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion:278 Resp: 593205  
Ion Ratio Lower Upper  
278 100  
139 13.8 12.0 18.0  
279 23.0 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 51.87 ng  
RT: 17.362 min Scan# 2597  
Delta R.T. -0.000 min  
Lab File: BF122921.D  
Acq: 5 Jan 2021 14:13

Tgt Ion:276 Resp: 576560  
Ion Ratio Lower Upper  
276 100  
277 23.0 19.3 28.9  
138 19.3 16.6 24.8

