

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
 Data File : BM029258.D  
 Acq On : 29 Mar 2021 23:34  
 Operator : CG/JU  
 Sample : M1828-02MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FS-SB13(25-26)MSD

Quant Time: Mar 30 05:17:09 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 29 11:14:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.757  | 152  | 114929   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.539 | 136  | 451925   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.380 | 164  | 261557   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.121 | 188  | 538175   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.291 | 240  | 599941   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.527 | 264  | 608114   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.357  | 112  | 480238   | 72.03  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.934  | 99   | 623864   | 65.20  | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.904  | 82   | 420582   | 45.18  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.868 | 330  | 174636   | 72.10  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.004 | 172  | 671066   | 36.39  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.739 | 244  | 908059   | 30.41  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.299  | 88   | 112102   | 36.99  | ng    | 98       |
| 3) Pyridine                   | 3.693  | 79   | 316802   | 43.37  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.604  | 42   | 156219   | 47.65  | ng    | 90       |
| 6) Aniline                    | 7.087  | 93   | 269230   | 25.97  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.328  | 128  | 326564   | 43.41  | ng    | 99       |
| 9) Benzaldehyde               | 6.904  | 77   | 247863   | 41.25  | ng    | 99       |
| 10) Phenol                    | 6.957  | 94   | 412322   | 43.62  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.186  | 93   | 302950   | 44.79  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.645  | 146  | 356433   | 42.35  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.792  | 146  | 361284   | 42.33  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.104  | 146  | 343256   | 41.85  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.998  | 79   | 305492   | 44.14  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.286  | 45   | 432093   | 41.66  | ng    | 100      |
| 17) 2-Methylphenol            | 8.198  | 107  | 265558   | 43.72  | ng    | 99       |
| 18) Hexachloroethane          | 8.828  | 117  | 138755   | 44.75  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.557  | 70   | 253381   | 41.05  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.528  | 107  | 355516   | 43.73  | ng    | 99       |
| 22) Acetophenone              | 8.575  | 105  | 471725   | 41.70  | ng    | 99       |
| 24) Nitrobenzene              | 8.951  | 77   | 384788   | 39.61  | ng    | 97       |
| 25) Isophorone                | 9.475  | 82   | 660254   | 41.29  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.657  | 139  | 164732   | 50.85  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.722  | 122  | 285605   | 45.99  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.951  | 93   | 390907   | 46.24  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.186 | 162  | 274331   | 40.62  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.404 | 180  | 310473   | 40.49  | ng    | 99       |
| 31) Naphthalene               | 10.586 | 128  | 945970   | 39.71  | ng    | 99       |
| 32) Benzoic acid              | 9.863  | 122  | 201231   | 49.88  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.698 | 127  | 97417    | 10.35  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.874 | 225  | 179832   | 40.38  | ng    | 98       |
| 35) Caprolactam               | 11.480 | 113  | 55568    | 27.39  | ng    | # 78     |
| 36) 4-Chloro-3-methylphenol   | 11.827 | 107  | 301688   | 41.84  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.198 | 142  | 676328   | 40.60  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.421 | 142  | 622962   | 39.32  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.569 | 216  | 322527   | 44.00  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.551 | 237  | 415711   | 103.36 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.816 | 196  | 216839   | 45.44  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
 Data File : BM029258.D  
 Acq On : 29 Mar 2021 23:34  
 Operator : CG/JU  
 Sample : M1828-02MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

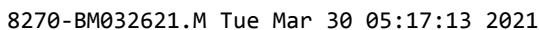
Instrument :  
 BNA\_M  
 ClientSampleId :  
 FS-SB13(25-26)MSD

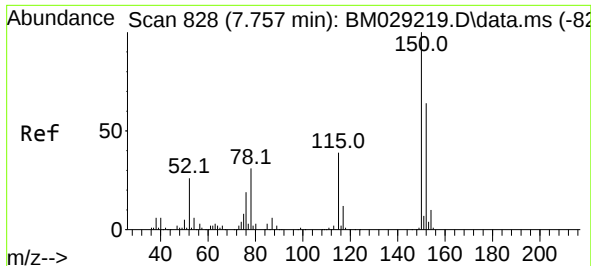
Quant Time: Mar 30 05:17:09 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 29 11:14:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.880 | 196  | 225879   | 42.58 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.216 | 154  | 842778   | 42.39 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.257 | 162  | 649868   | 41.51 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.457 | 65   | 218645   | 43.07 | ng    | 98       |
| 49) Acenaphthylene            | 14.104 | 152  | 1074376  | 45.11 | ng    | 100      |
| 50) Dimethylphthalate         | 13.845 | 163  | 768985   | 42.07 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.957 | 165  | 170677   | 43.17 | ng    | 98       |
| 52) Acenaphthene              | 14.445 | 154  | 647263   | 42.76 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.286 | 138  | 101191   | 25.28 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.492 | 184  | 164868   | 71.36 | ng    | 99       |
| 55) Dibenzofuran              | 14.780 | 168  | 952296   | 39.99 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.598 | 139  | 330199   | 90.31 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.745 | 165  | 231292   | 40.45 | ng    | 97       |
| 58) Fluorene                  | 15.427 | 166  | 803917   | 41.64 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.010 | 232  | 181880   | 41.84 | ng    | 98       |
| 60) Diethylphthalate          | 15.210 | 149  | 791263   | 43.94 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.427 | 204  | 370812   | 41.63 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.445 | 138  | 189208   | 40.28 | ng    | 97       |
| 63) Azobenzene                | 15.715 | 77   | 874568   | 42.49 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 198  | 103095   | 33.51 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.639 | 169  | 681475   | 39.55 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.315 | 248  | 212155   | 43.00 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.433 | 284  | 229793   | 39.59 | ng    | 99       |
| 69) Atrazine                  | 16.592 | 200  | 244717   | 44.99 | ng    | 97       |
| 70) Pentachlorophenol         | 16.774 | 266  | 221100   | 61.83 | ng    | 99       |
| 71) Phenanthrene              | 17.162 | 178  | 1239832  | 39.73 | ng    | 99       |
| 72) Anthracene                | 17.251 | 178  | 1283839  | 42.34 | ng    | 99       |
| 73) Carbazole                 | 17.521 | 167  | 1204205  | 40.36 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.092 | 149  | 1454778  | 50.55 | ng    | 100      |
| 75) Fluoranthene              | 19.174 | 202  | 1568258  | 45.49 | ng    | 99       |
| 77) Benzidine                 | 19.362 | 184  | 937508   | 54.09 | ng    | 100      |
| 78) Pyrene                    | 19.533 | 202  | 1566729  | 38.57 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.439 | 149  | 751812   | 48.71 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.274 | 228  | 1601633  | 40.91 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.209 | 252  | 333818   | 28.53 | ng    | 98       |
| 83) Chrysene                  | 21.327 | 228  | 1514109  | 38.65 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.209 | 149  | 1139030  | 50.93 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.086 | 149  | 2015673  | 54.56 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.791 | 276  | 1874805  | 42.15 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 22.856 | 252  | 1585131  | 40.07 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 22.897 | 252  | 1554153  | 40.43 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.427 | 252  | 1413874  | 39.45 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 25.803 | 278  | 1572584  | 41.30 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.485 | 276  | 1512595  | 40.55 | ng    | 99       |

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

Quant Time: Mar 30 05:17:09 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 29 11:14:33 2021  
Response via : Initial Calibration

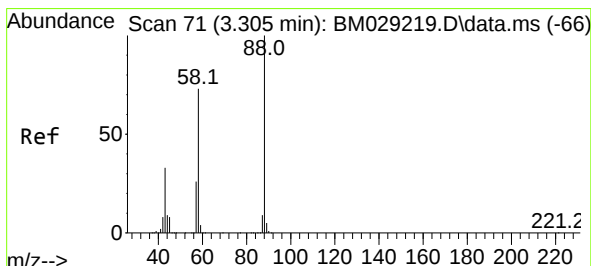
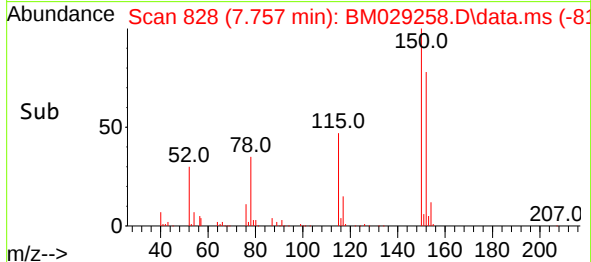
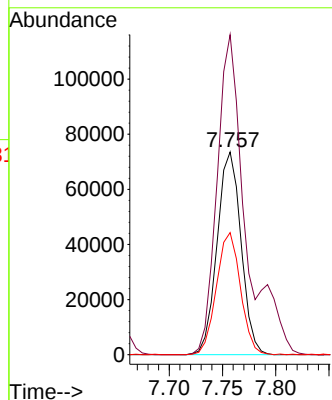
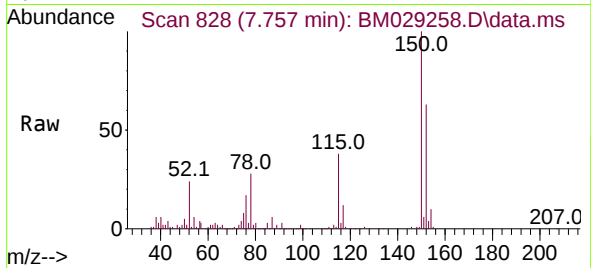




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.757 min Scan# 828  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

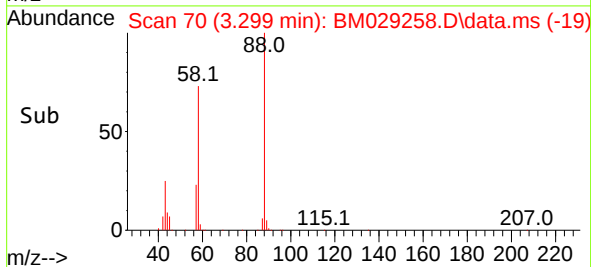
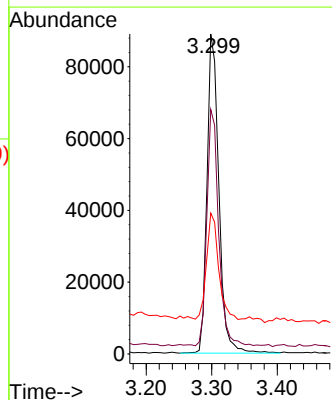
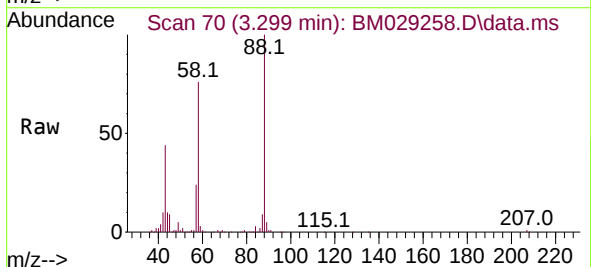
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

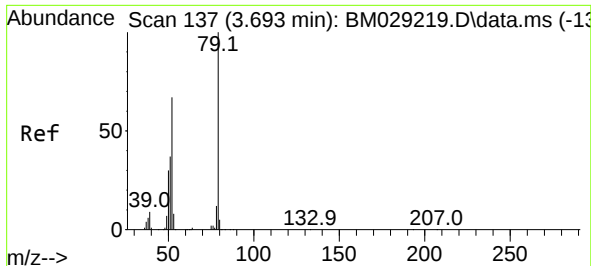
Tgt Ion:152 Resp: 114929  
Ion Ratio Lower Upper  
152 100  
150 157.9 124.3 186.5  
115 60.2 46.4 69.6



#2  
1,4-Dioxane  
Concen: 36.99 ng  
RT: 3.299 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion: 88 Resp: 112102  
Ion Ratio Lower Upper  
88 100  
58 73.5 59.9 89.9  
43 34.7 26.2 39.4

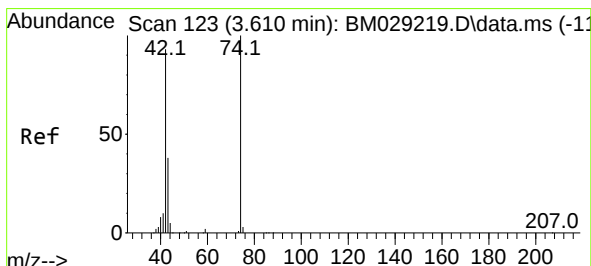
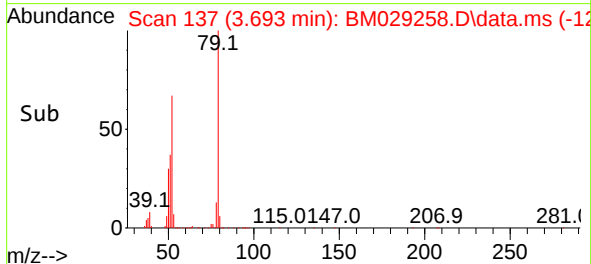
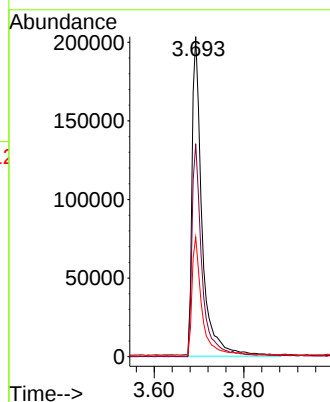
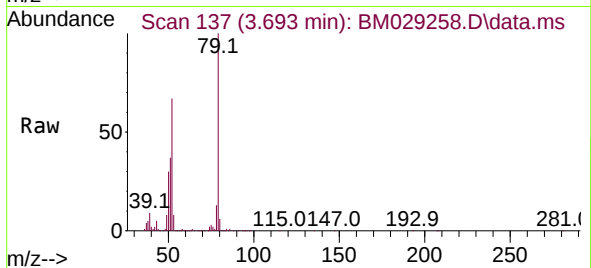




#3  
Pyridine  
Concen: 43.37 ng  
RT: 3.693 min Scan# 137  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

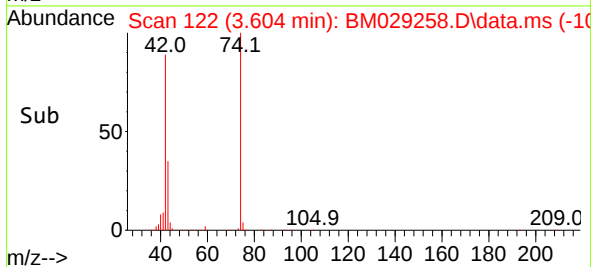
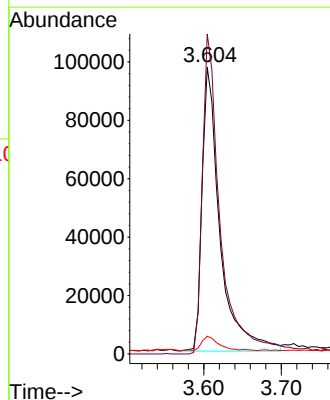
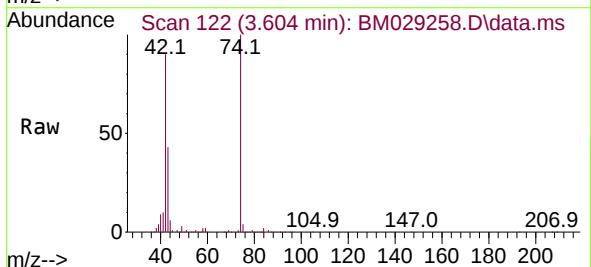
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

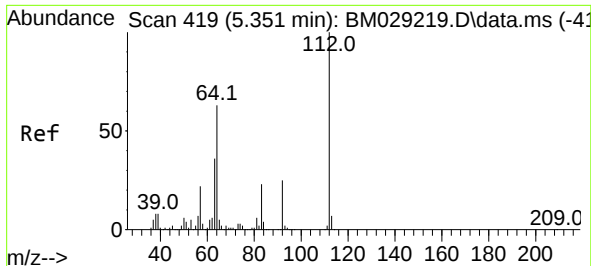
Tgt Ion: 79 Resp: 316802  
Ion Ratio Lower Upper  
79 100  
52 66.6 53.2 79.8  
51 37.4 29.8 44.8



#4  
n-Nitrosodimethylamine  
Concen: 47.65 ng  
RT: 3.604 min Scan# 122  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion: 42 Resp: 156219  
Ion Ratio Lower Upper  
42 100  
74 111.6 80.6 121.0  
44 6.2 5.4 8.0

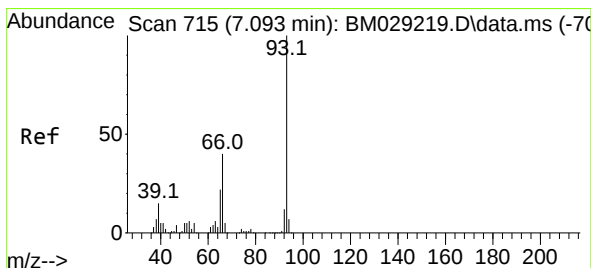
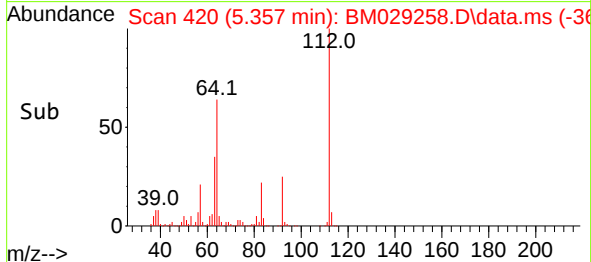
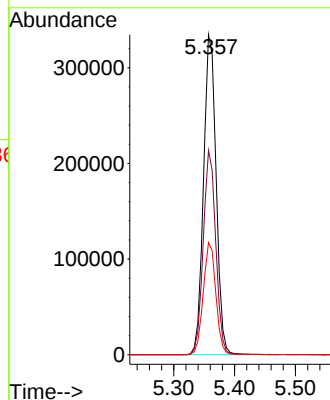
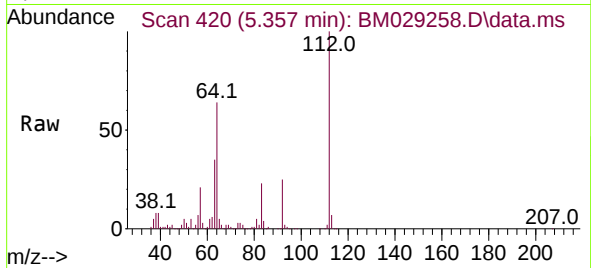




#5  
2-Fluorophenol  
Concen: 72.03 ng  
RT: 5.357 min Scan# 420  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

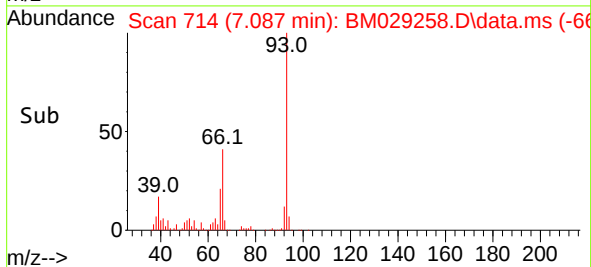
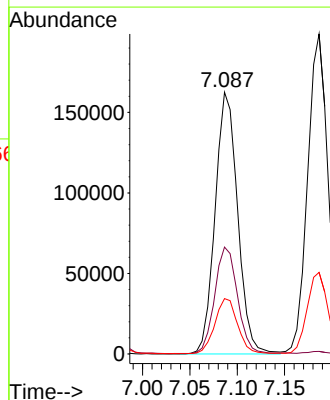
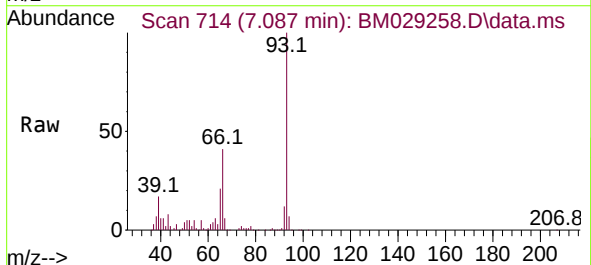
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

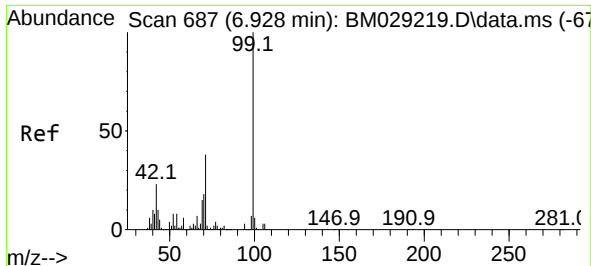
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 480238 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 63.9  | 51.6  | 77.4   |
| 63       | 35.1  | 29.0  | 43.4   |



#6  
Aniline  
Concen: 25.97 ng  
RT: 7.087 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 269230 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 40.8  | 33.2  | 49.8   |
| 65       | 21.2  | 17.8  | 26.6   |

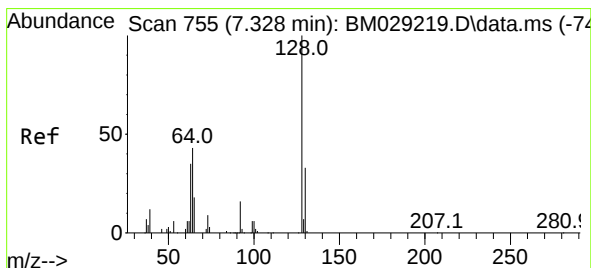
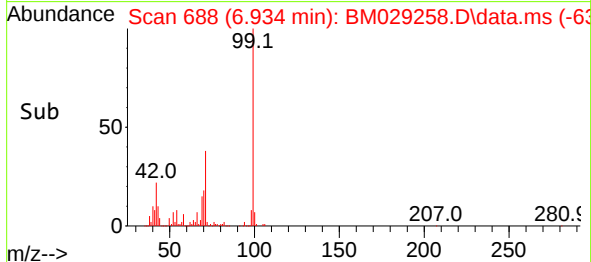
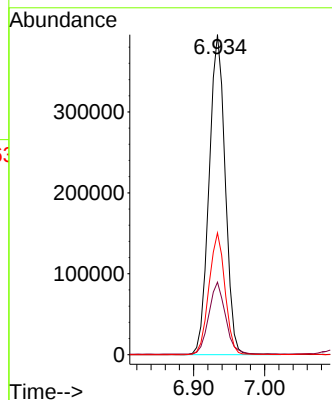
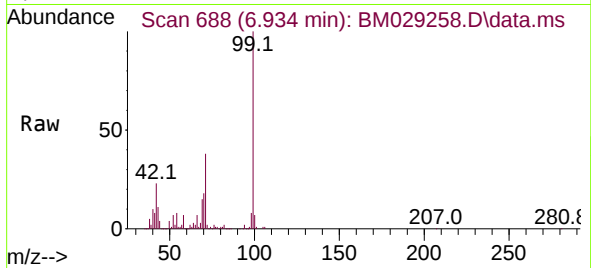




#7  
Phenol-d6  
Concen: 65.20 ng  
RT: 6.934 min Scan# 688  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

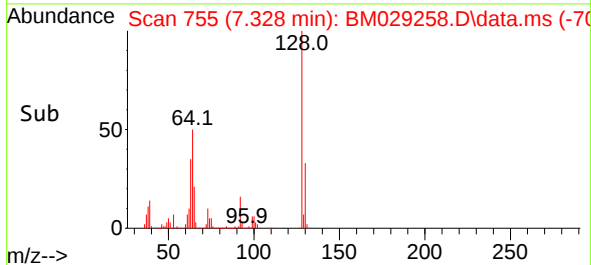
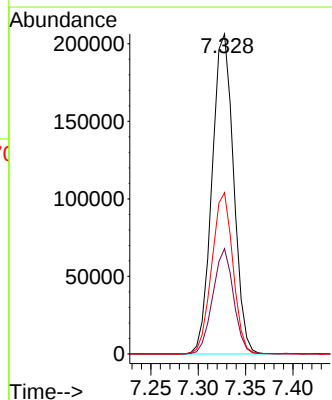
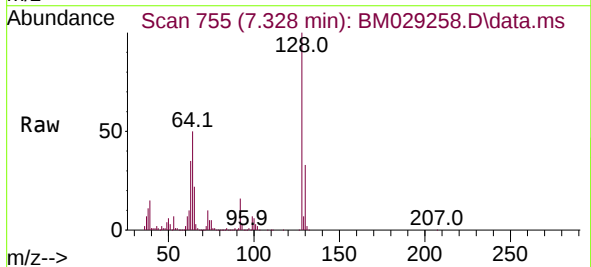
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

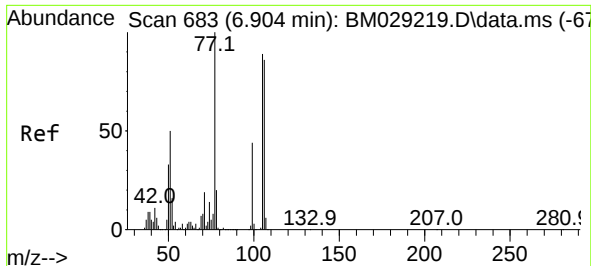
Tgt Ion: 99 Resp: 623864  
Ion Ratio Lower Upper  
99 100  
42 22.7 18.5 27.7  
71 38.1 31.8 47.6



#8  
2-Chlorophenol  
Concen: 43.41 ng  
RT: 7.328 min Scan# 755  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion: 128 Resp: 326564  
Ion Ratio Lower Upper  
128 100  
130 32.9 13.1 53.1  
64 50.4 30.9 70.9

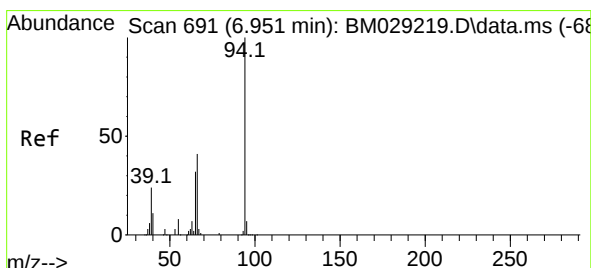
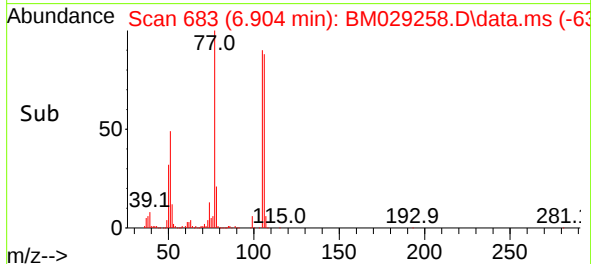
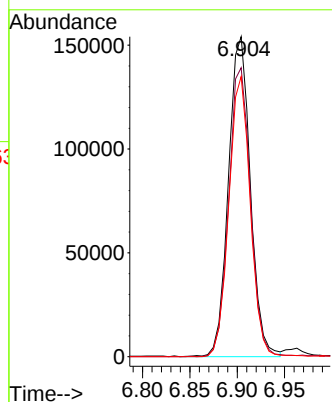
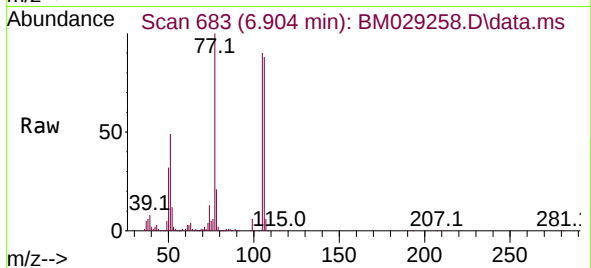




#9  
Benzaldehyde  
Concen: 41.25 ng  
RT: 6.904 min Scan# 683  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

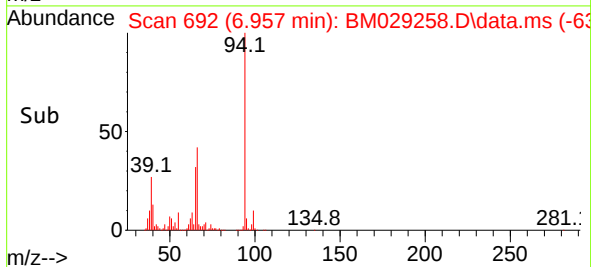
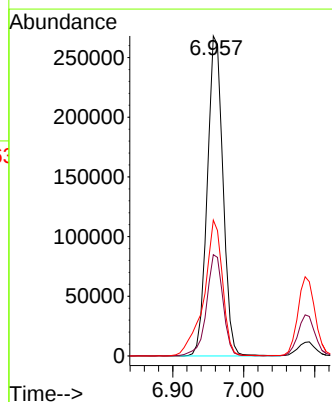
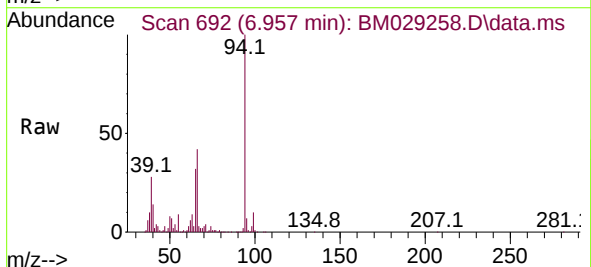
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

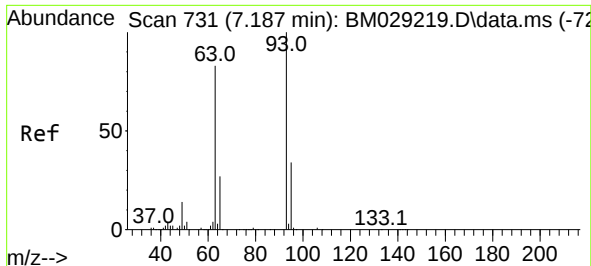
Tgt Ion: 77 Resp: 247863  
Ion Ratio Lower Upper  
77 100  
105 90.3 71.4 111.4  
106 87.5 66.5 106.5



#10  
Phenol  
Concen: 43.62 ng  
RT: 6.957 min Scan# 692  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion: 94 Resp: 412322  
Ion Ratio Lower Upper  
94 100  
65 31.6 13.0 53.0  
66 42.4 24.1 64.1

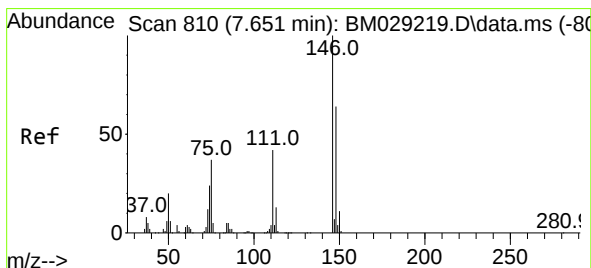
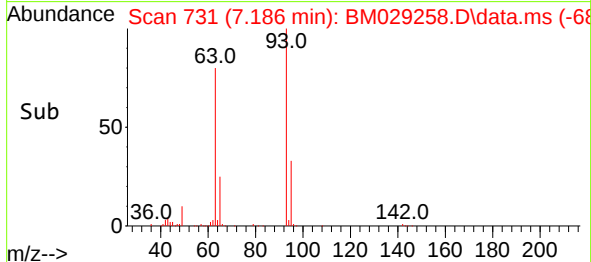
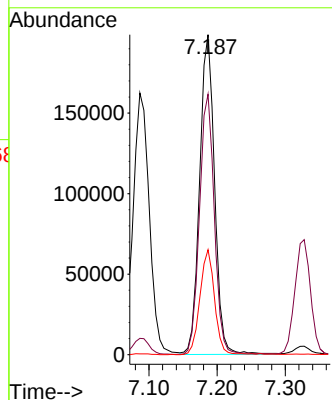
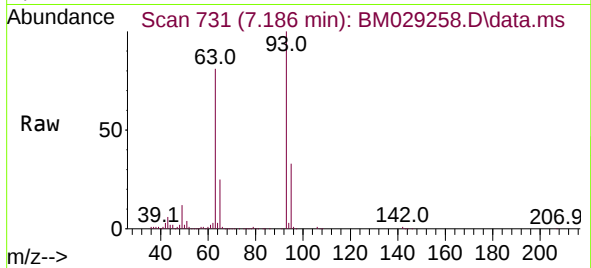




#11  
bis(2-Chloroethyl)ether  
Concen: 44.79 ng  
RT: 7.186 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

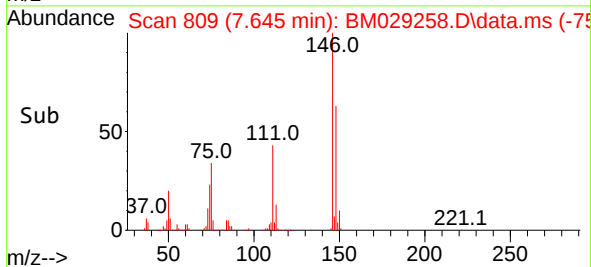
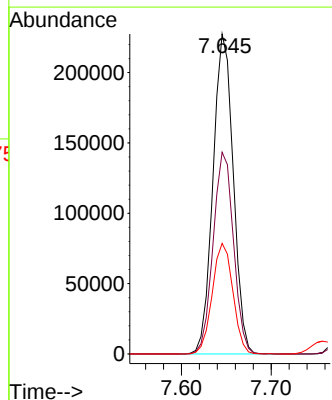
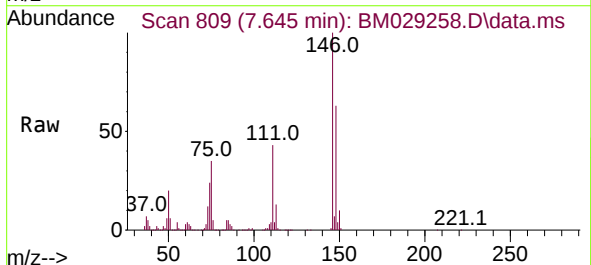
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

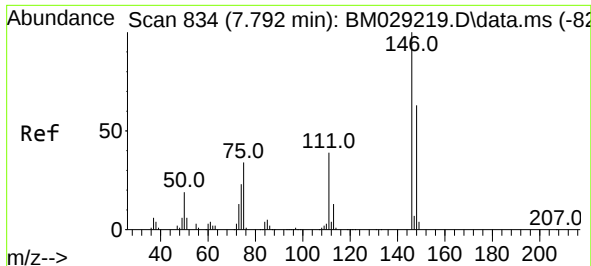
Tgt Ion: 93 Resp: 302950  
Ion Ratio Lower Upper  
93 100  
63 81.4 63.9 103.9  
95 32.8 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 42.35 ng  
RT: 7.645 min Scan# 809  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:146 Resp: 356433  
Ion Ratio Lower Upper  
146 100  
148 63.1 50.5 75.7  
75 34.5 29.7 44.5

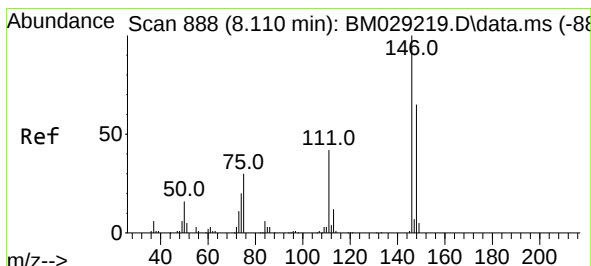
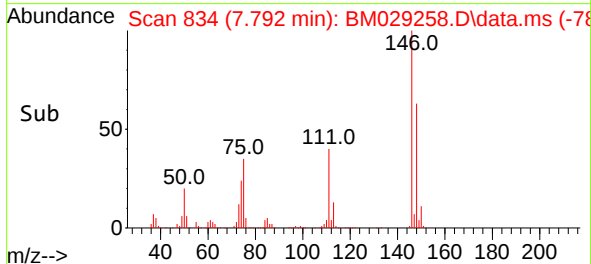
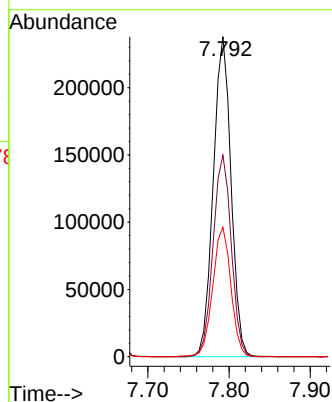
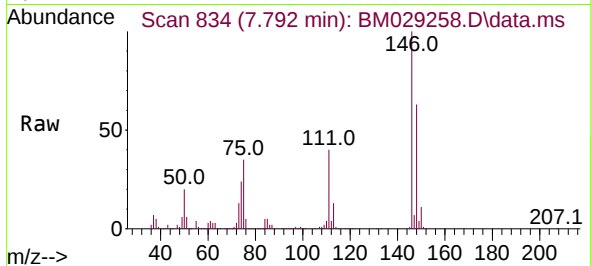




#13  
1,4-Dichlorobenzene  
Concen: 42.33 ng  
RT: 7.792 min Scan# 834  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

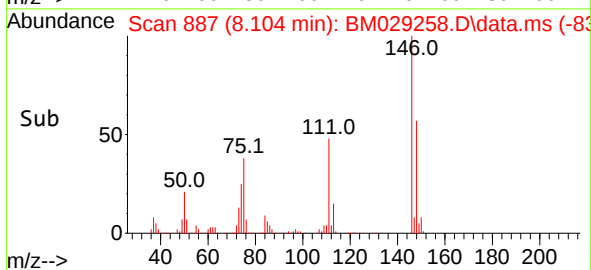
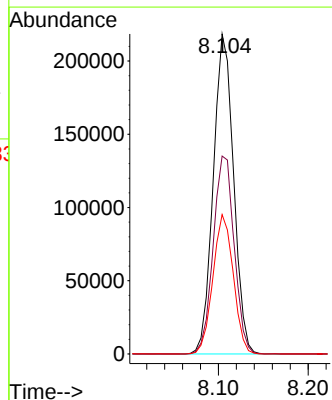
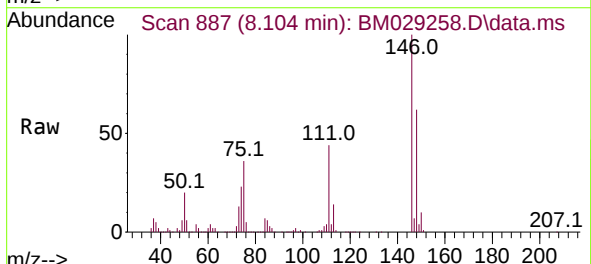
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

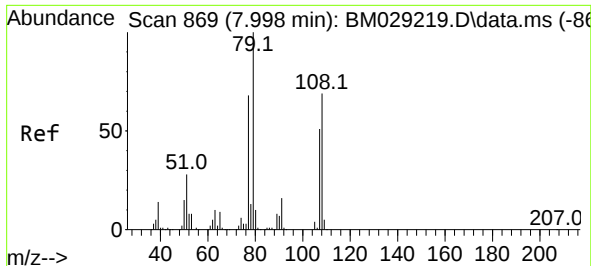
Tgt Ion:146 Resp: 361284  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.8 77.6  
111 40.5 32.8 49.2



#14  
1,2-Dichlorobenzene  
Concen: 41.85 ng  
RT: 8.104 min Scan# 887  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:146 Resp: 343256  
Ion Ratio Lower Upper  
146 100  
148 61.9 50.2 75.4  
111 43.6 35.8 53.8

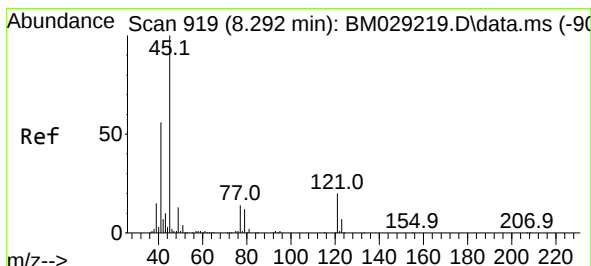
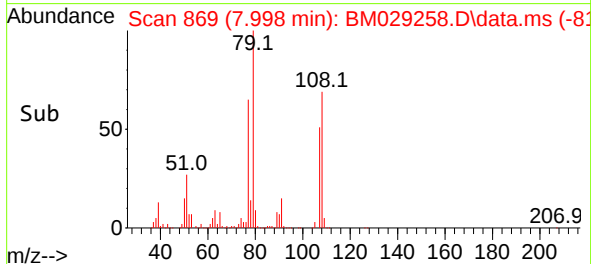
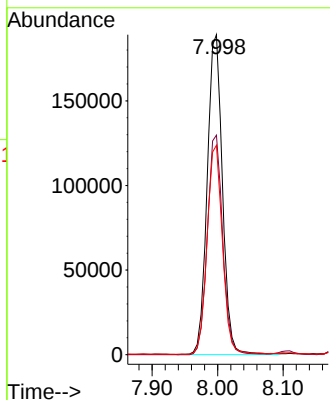
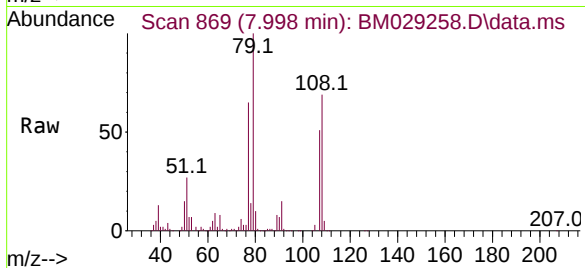




#15  
Benzyl Alcohol  
Concen: 44.14 ng  
RT: 7.998 min Scan# 869  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

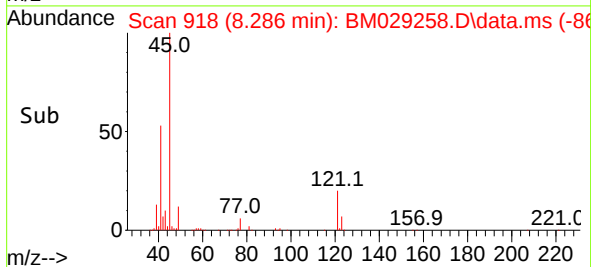
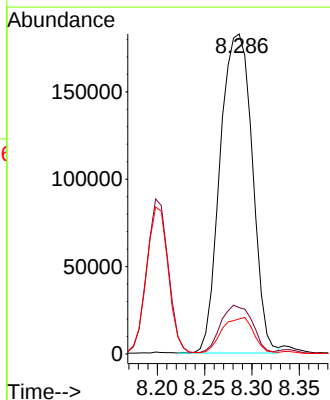
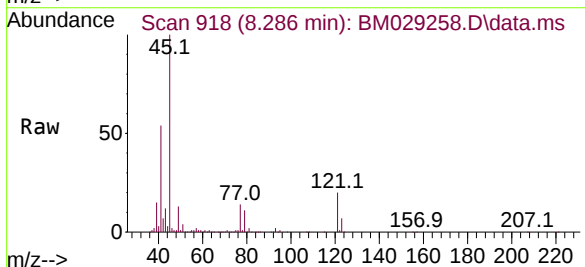
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

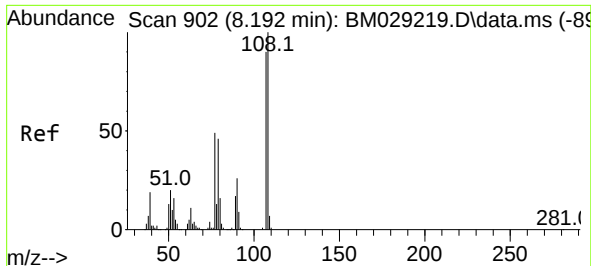
Tgt Ion: 79 Resp: 305492  
Ion Ratio Lower Upper  
79 100  
108 68.6 56.6 84.8  
77 65.5 54.9 82.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.66 ng  
RT: 8.286 min Scan# 918  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion: 45 Resp: 432093  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 34.5  
79 10.9 0.0 30.9

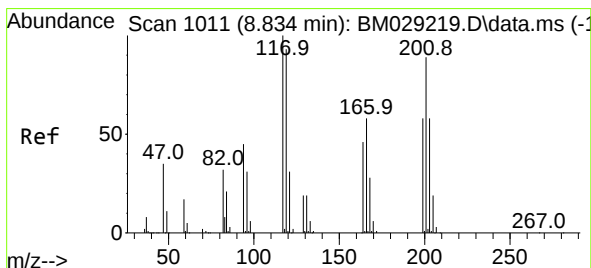
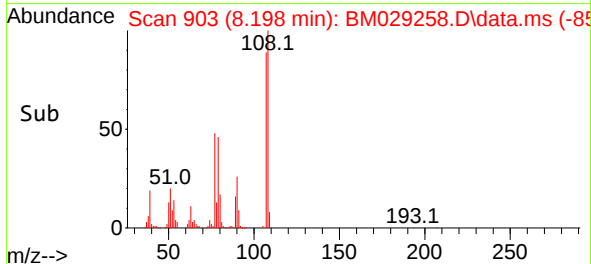
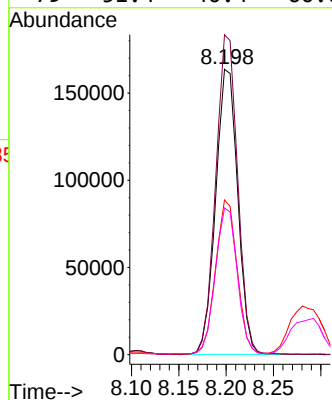
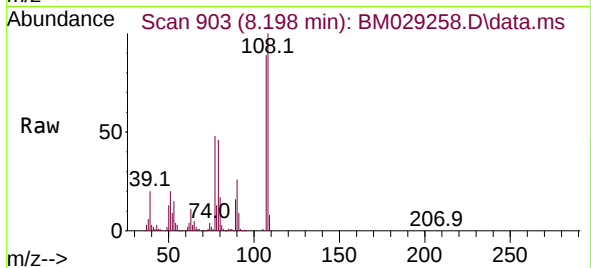




#17  
2-Methylphenol  
Concen: 43.72 ng  
RT: 8.198 min Scan# 903  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

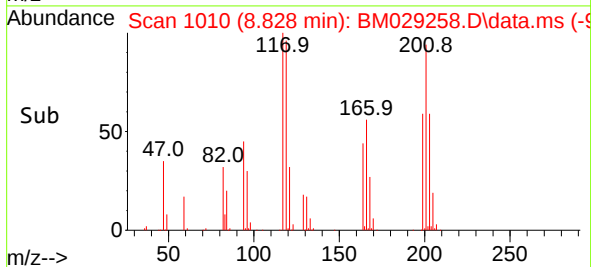
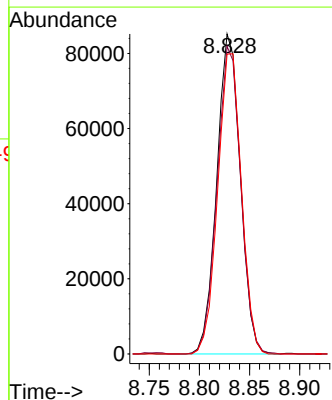
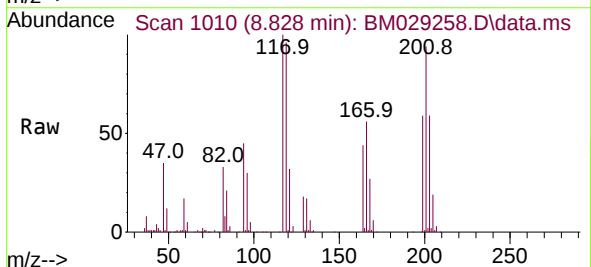
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

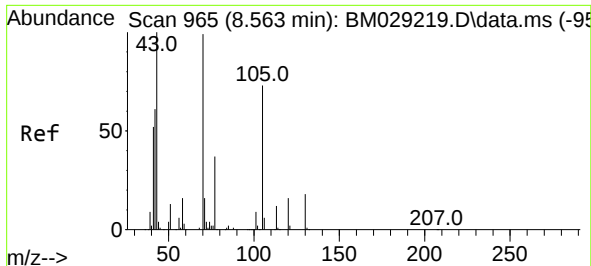
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 265558 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.1 | 89.8  | 134.6  |
| 77       | 54.2  | 42.8  | 64.2   |
| 79       | 51.4  | 40.4  | 60.6   |



#18  
Hexachloroethane  
Concen: 44.75 ng  
RT: 8.828 min Scan# 1010  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 138755 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.1  | 75.0  | 112.6  |
| 201      | 93.7  | 74.6  | 111.8  |

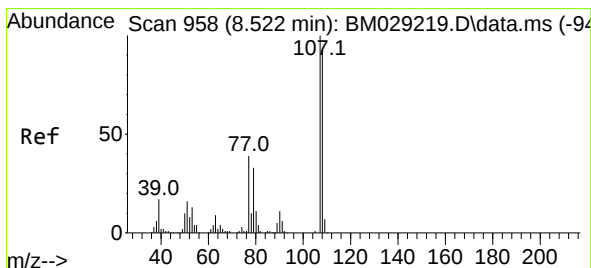
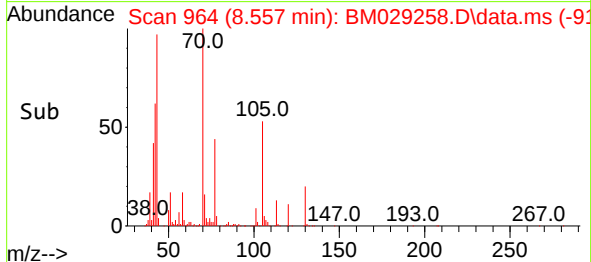
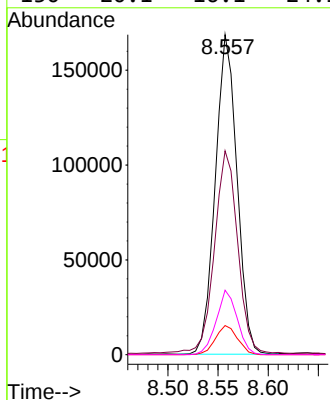
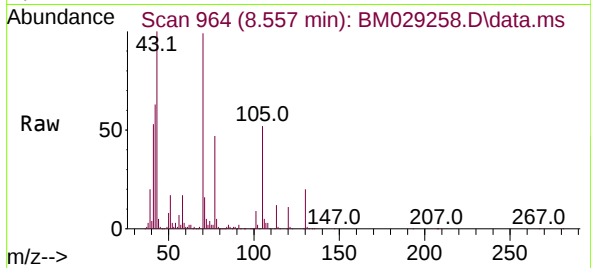




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.05 ng  
RT: 8.557 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

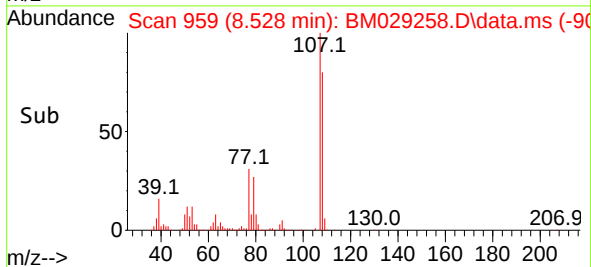
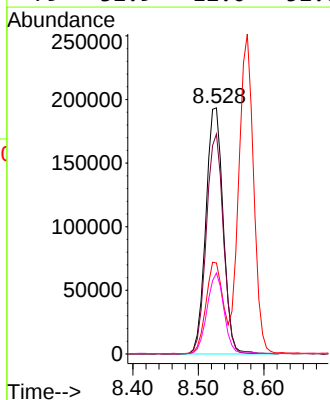
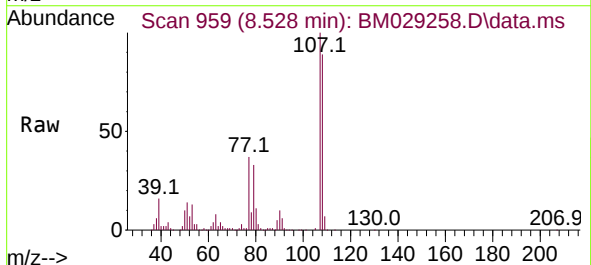
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

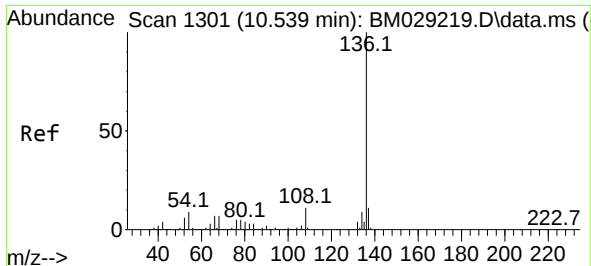
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 253381 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 63.7  | 53.3  | 79.9   |
| 101      | 9.1   | 6.7   | 10.1   |
| 130      | 20.1  | 16.1  | 24.1   |



#20  
3+4-Methylphenols  
Concen: 43.73 ng  
RT: 8.528 min Scan# 959  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 355516 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.3  | 68.5  | 108.5  |
| 77       | 37.0  | 17.0  | 57.0   |
| 79       | 32.9  | 12.0  | 52.0   |

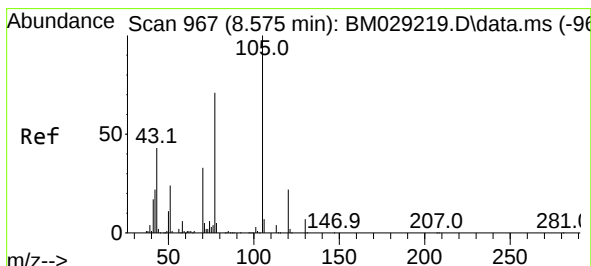
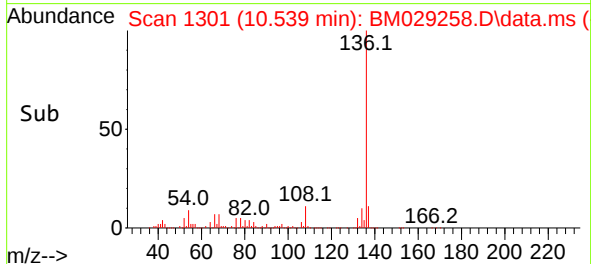
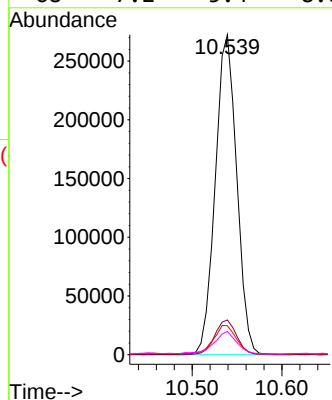
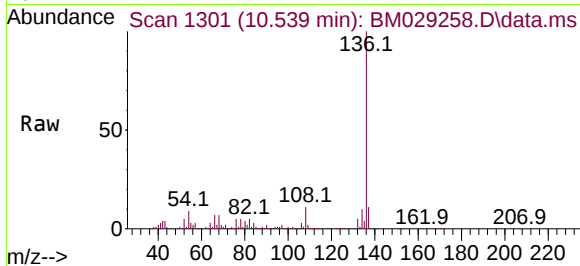




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.539 min Scan# 1301  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

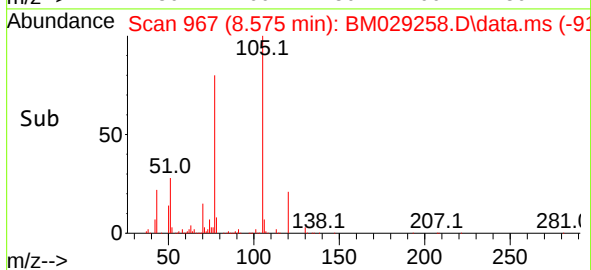
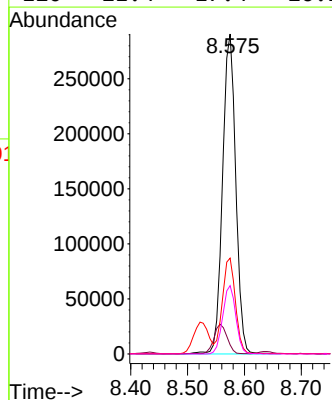
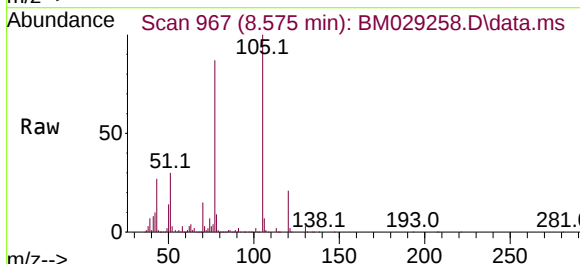
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

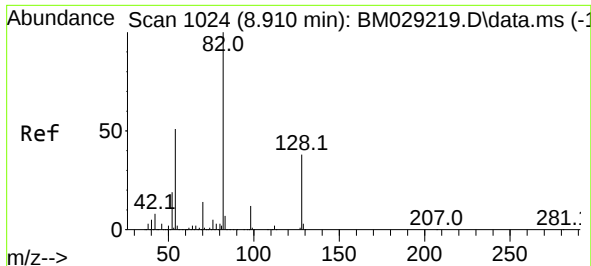
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 451925 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.8  | 9.3   | 13.9   |
| 54        | 9.1   | 6.9   | 10.3   |
| 68        | 7.2   | 5.4   | 8.0    |



#22  
Acetophenone  
Concen: 41.70 ng  
RT: 8.575 min Scan# 967  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 471725 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.8   | 2.8   | 4.2    |
| 51        | 30.0  | 24.7  | 37.1   |
| 120       | 21.4  | 17.4  | 26.2   |





#23

Nitrobenzene-d5

Concen: 45.18 ng

RT: 8.904 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BM029258.D

Acq: 29 Mar 2021 23:34

Tgt Ion: 82 Resp: 420582

Ion Ratio Lower Upper

82 100

128 37.6 28.6 42.8

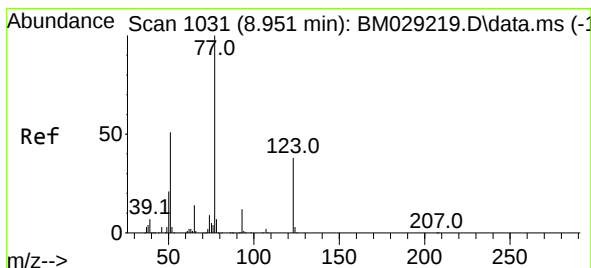
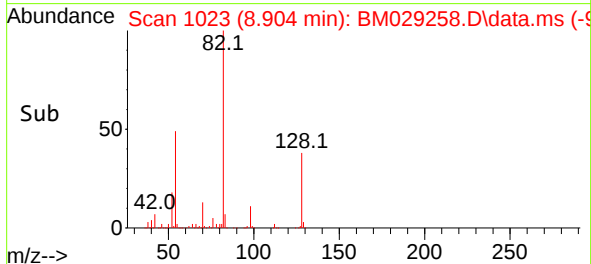
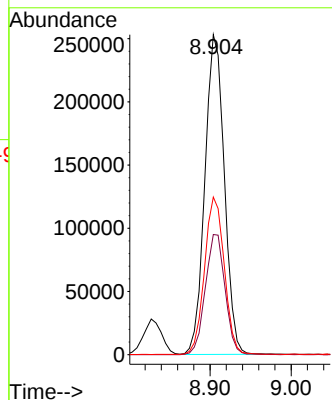
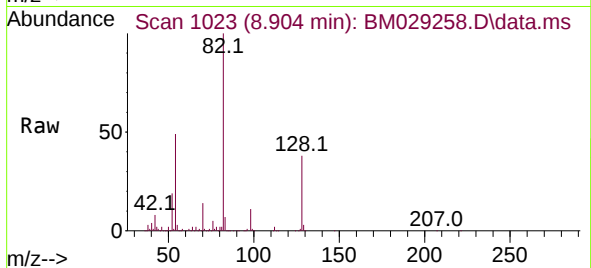
54 49.2 40.7 61.1

Instrument :

BNA\_M

ClientSampleId :

FS-SB13(25-26)MSD



#24

Nitrobenzene

Concen: 39.61 ng

RT: 8.951 min Scan# 1031

Delta R.T. 0.005 min

Lab File: BM029258.D

Acq: 29 Mar 2021 23:34

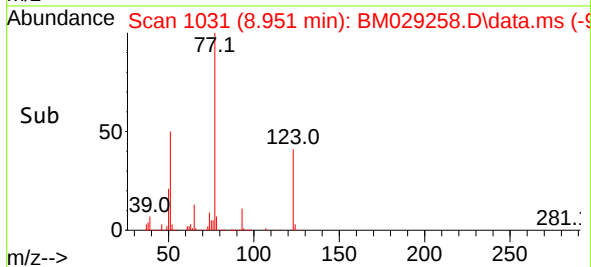
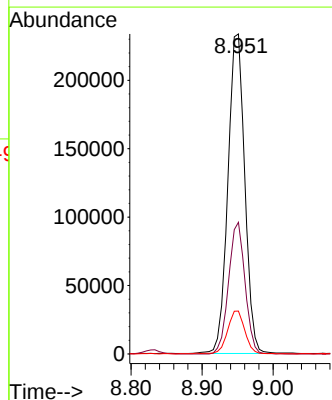
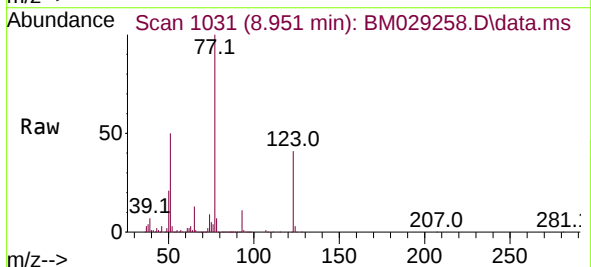
Tgt Ion: 77 Resp: 384788

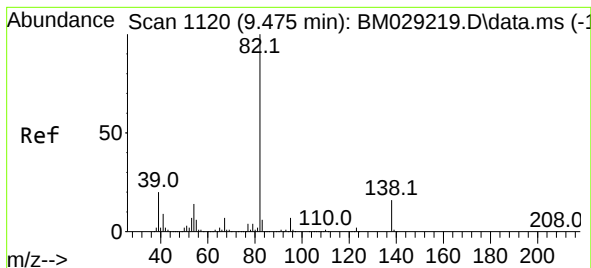
Ion Ratio Lower Upper

77 100

123 41.2 31.3 46.9

65 13.4 10.8 16.2





#25

Isophorone

Concen: 41.29 ng

RT: 9.475 min Scan# 1120

Delta R.T. 0.005 min

Lab File: BM029258.D

Acq: 29 Mar 2021 23:34

Instrument :

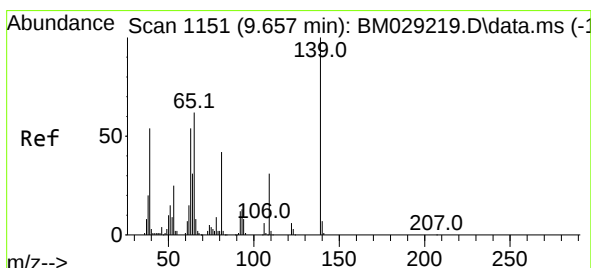
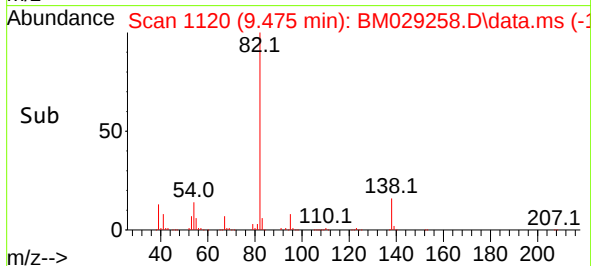
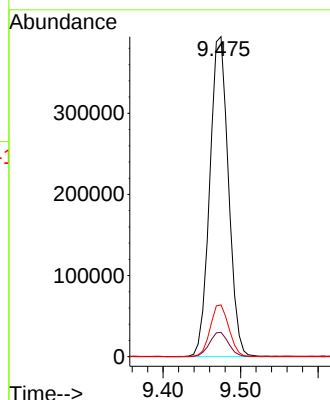
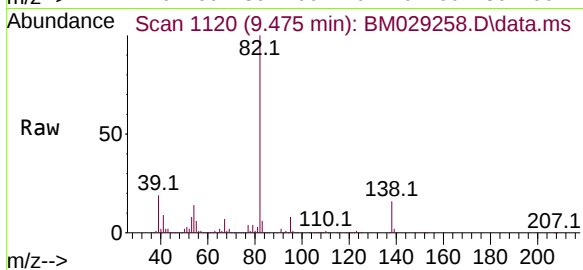
BNA\_M

ClientSampleId :

FS-SB13(25-26)MSD

Tgt Ion: 82 Resp: 660254

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.6   | 5.6   | 8.4   |
| 138 | 16.2  | 13.3  | 19.9  |



#26

2-Nitrophenol

Concen: 50.85 ng

RT: 9.657 min Scan# 1151

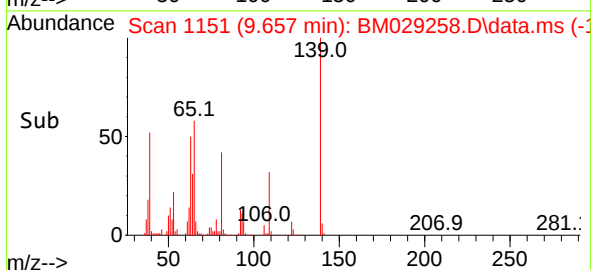
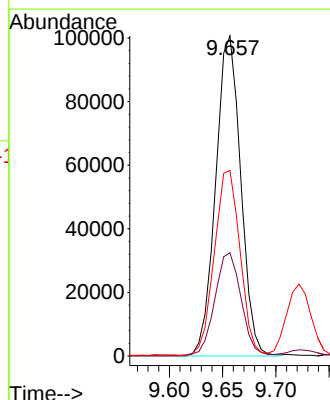
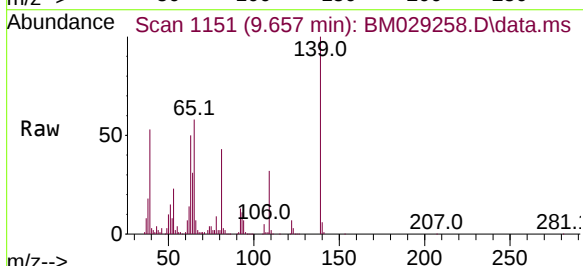
Delta R.T. 0.005 min

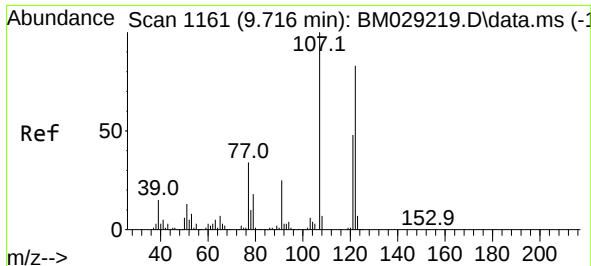
Lab File: BM029258.D

Acq: 29 Mar 2021 23:34

Tgt Ion: 139 Resp: 164732

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 32.3  | 26.6  | 39.8  |
| 65  | 58.0  | 45.6  | 68.4  |

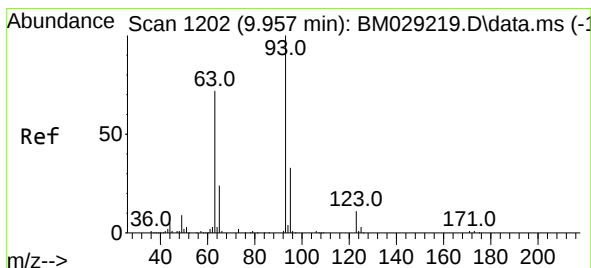
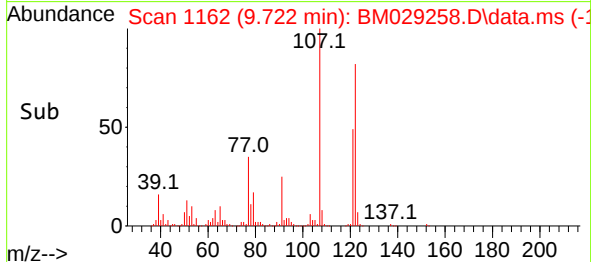
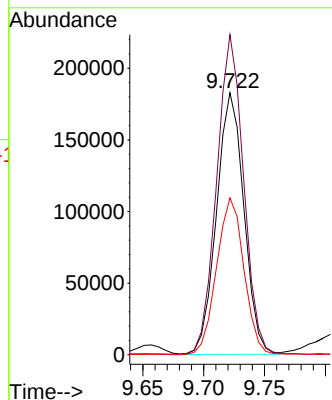
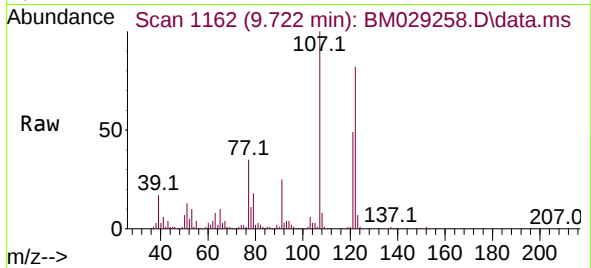




#27  
2,4-Dimethylphenol  
Concen: 45.99 ng  
RT: 9.722 min Scan# 1162  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

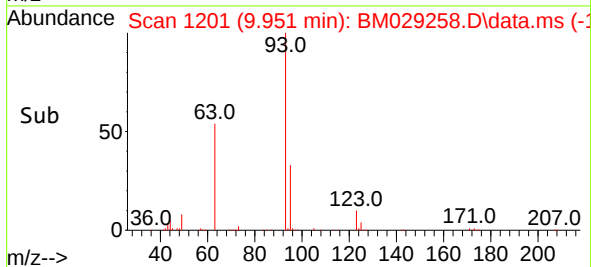
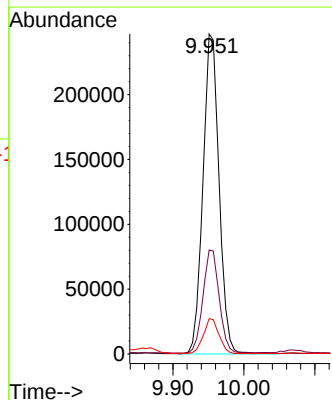
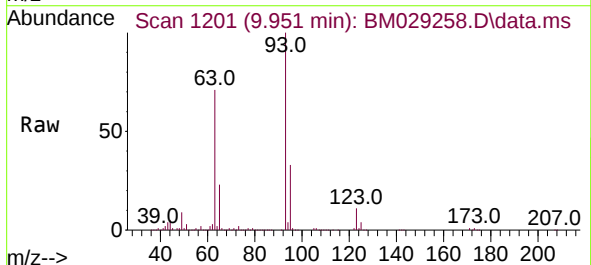
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

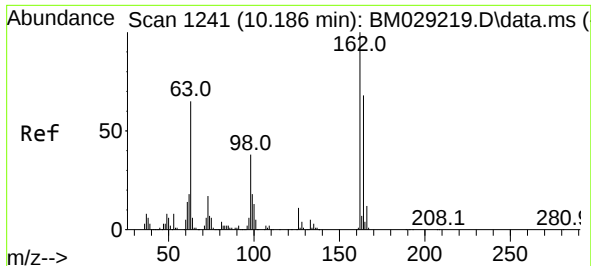
Tgt Ion:122 Resp: 285605  
Ion Ratio Lower Upper  
122 100  
107 122.1 95.0 142.6  
121 59.8 45.8 68.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.24 ng  
RT: 9.951 min Scan# 1201  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion: 93 Resp: 390907  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.6 39.8  
123 11.0 8.6 13.0

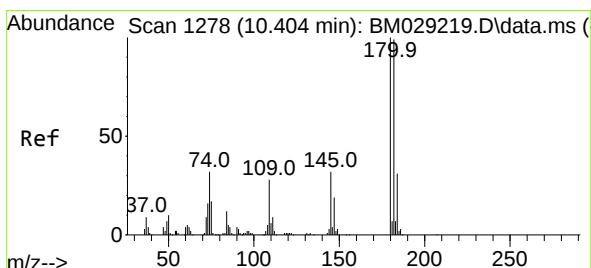
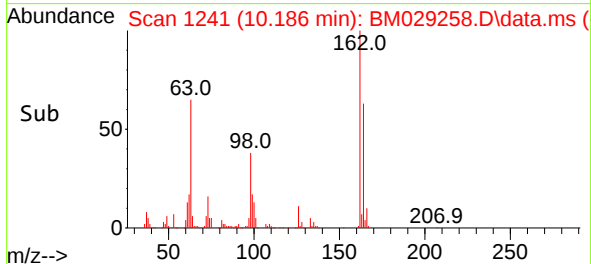
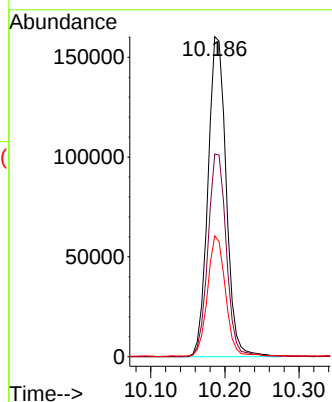
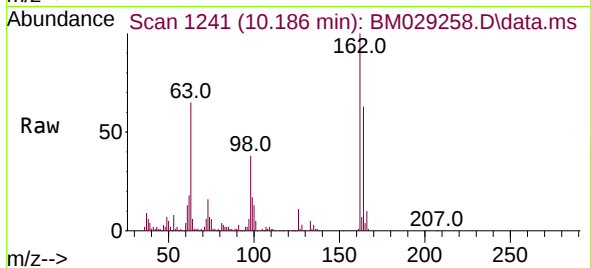




#29  
2,4-Dichlorophenol  
Concen: 40.62 ng  
RT: 10.186 min Scan# 1241  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

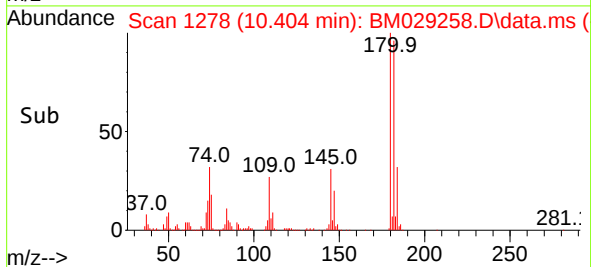
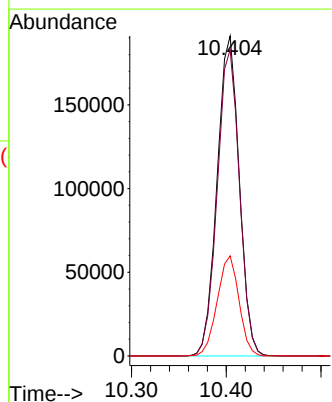
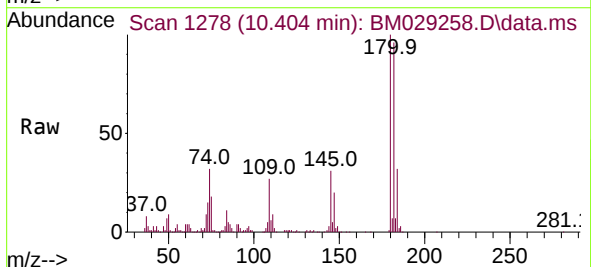
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

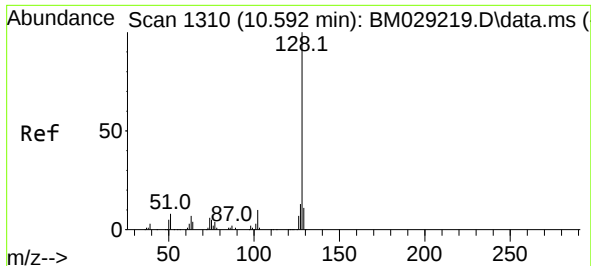
Tgt Ion:162 Resp: 274331  
Ion Ratio Lower Upper  
162 100  
164 63.4 45.7 85.7  
98 37.7 16.3 56.3



#30  
1,2,4-Trichlorobenzene  
Concen: 40.49 ng  
RT: 10.404 min Scan# 1278  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:180 Resp: 310473  
Ion Ratio Lower Upper  
180 100  
182 95.7 77.0 115.4  
145 31.3 25.4 38.2

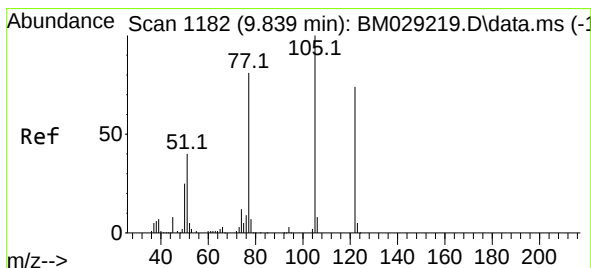
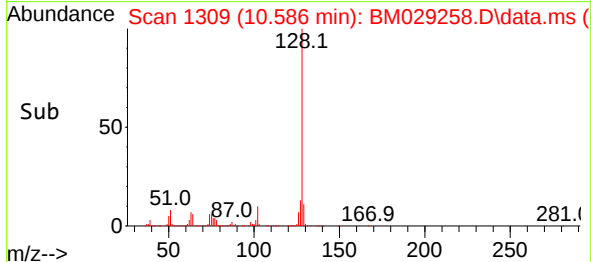
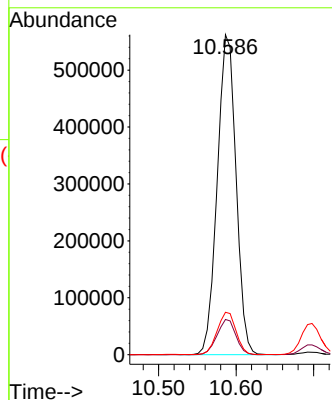
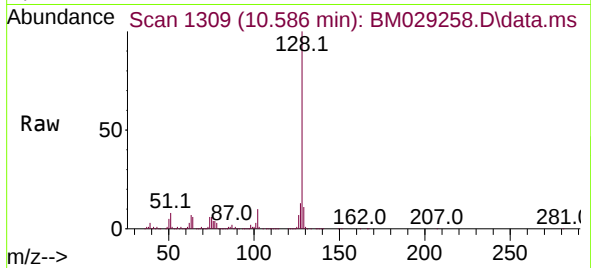




#31  
Naphthalene  
Concen: 39.71 ng  
RT: 10.586 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

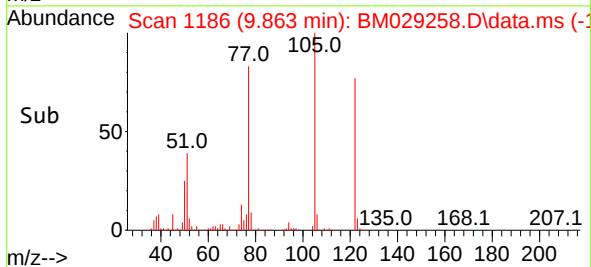
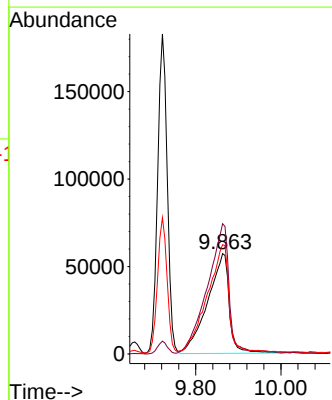
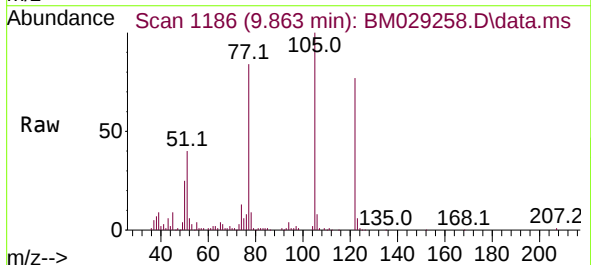
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

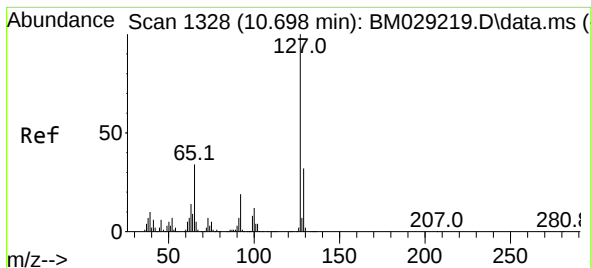
Tgt Ion:128 Resp: 945970  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 49.88 ng  
RT: 9.863 min Scan# 1186  
Delta R.T. 0.035 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:122 Resp: 201231  
Ion Ratio Lower Upper  
122 100  
105 129.8 108.2 148.2  
77 108.9 86.0 126.0

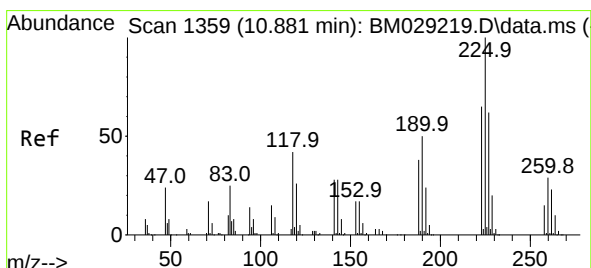
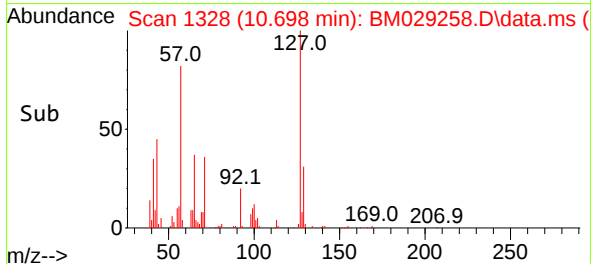
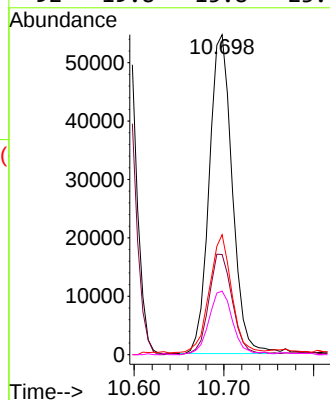
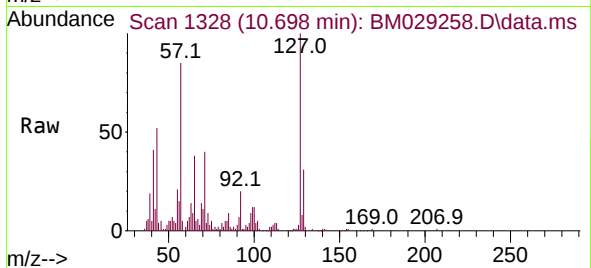




#33  
4-Chloroaniline  
Concen: 10.35 ng  
RT: 10.698 min Scan# 1328  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

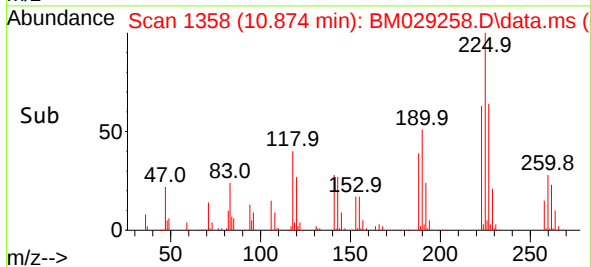
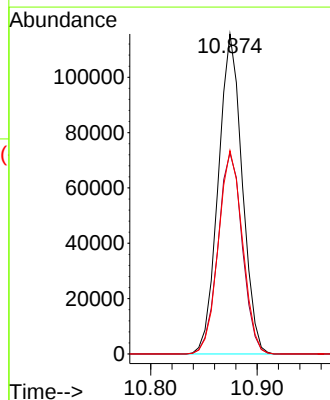
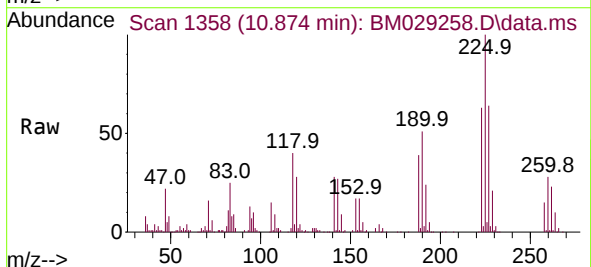
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

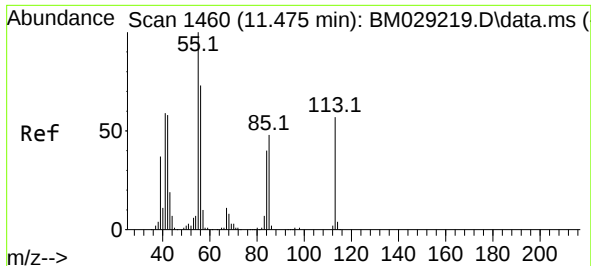
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 97417 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.3  | 25.4  | 38.0  |
| 65        | 37.5  | 28.6  | 42.8  |
| 92        | 19.8  | 15.8  | 23.6  |



#34  
Hexachlorobutadiene  
Concen: 40.38 ng  
RT: 10.874 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 179832 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.8  | 51.8  | 77.8   |
| 227       | 63.6  | 52.2  | 78.4   |

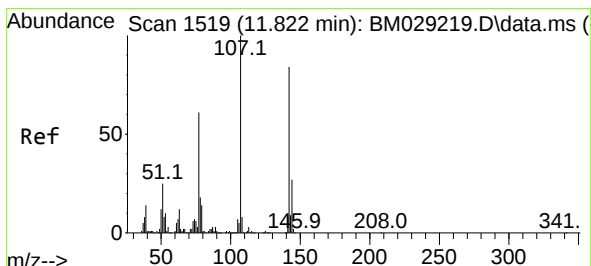
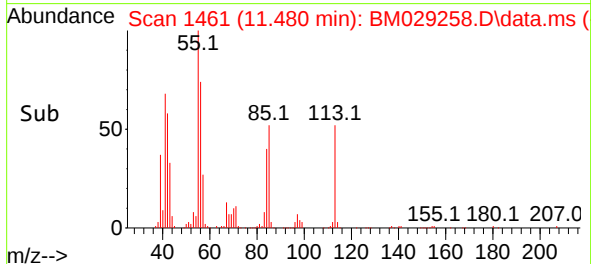
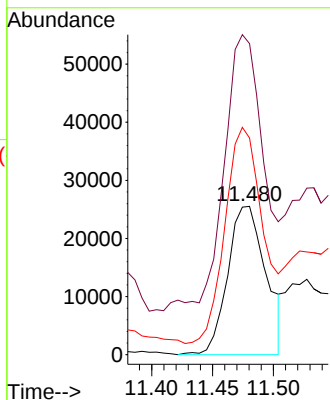
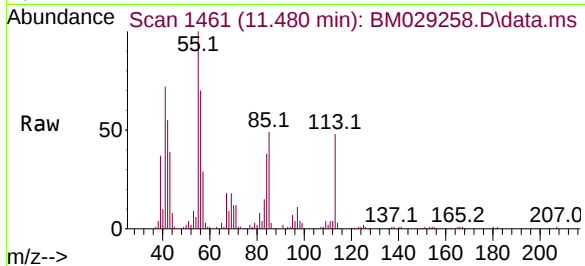




#35  
Caprolactam  
Concen: 27.39 ng  
RT: 11.480 min Scan# 1461  
Delta R.T. 0.017 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

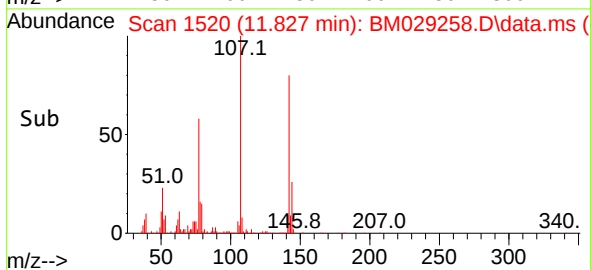
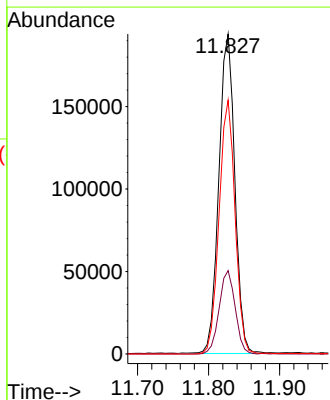
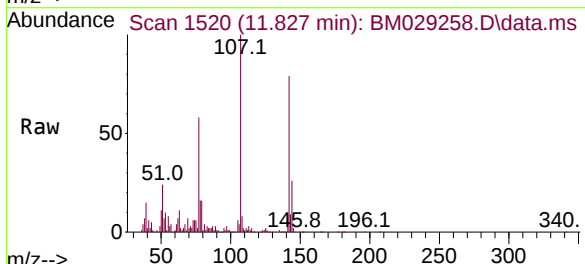
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

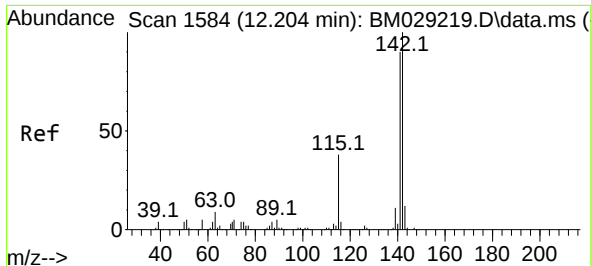
Tgt Ion:113 Resp: 55568  
Ion Ratio Lower Upper  
113 100  
55 209.6 149.4 189.4#  
56 146.1 110.8 150.8



#36  
4-Chloro-3-methylphenol  
Concen: 41.84 ng  
RT: 11.827 min Scan# 1520  
Delta R.T. 0.017 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:107 Resp: 301688  
Ion Ratio Lower Upper  
107 100  
144 26.1 22.7 34.1  
142 79.3 67.0 100.4

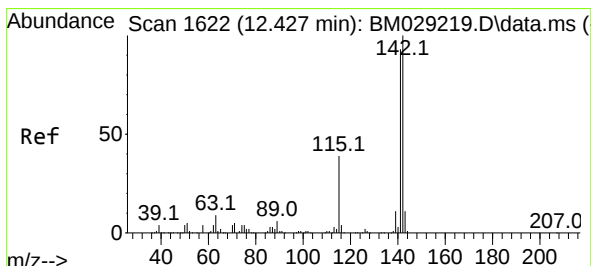
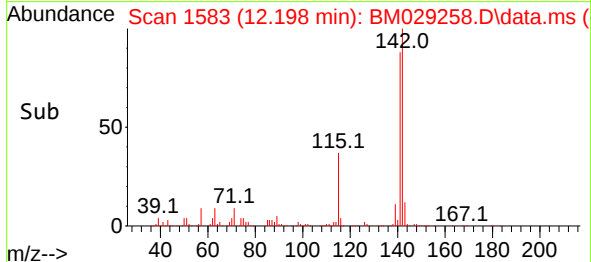
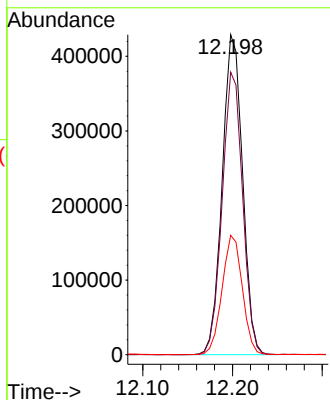
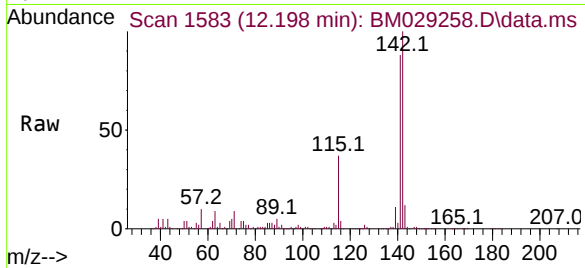




#37  
2-Methylnaphthalene  
Concen: 40.60 ng  
RT: 12.198 min Scan# 1583  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

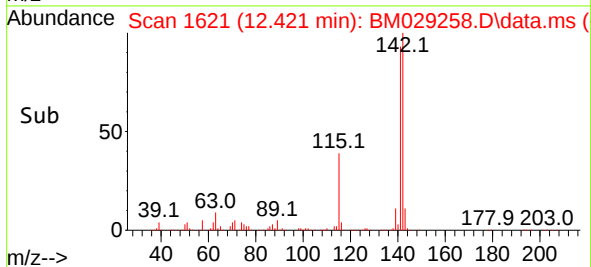
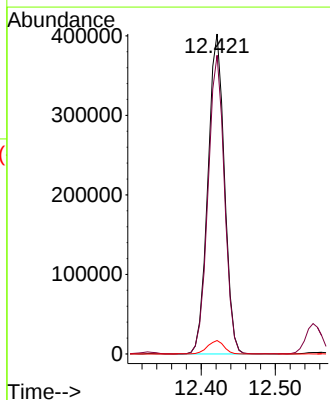
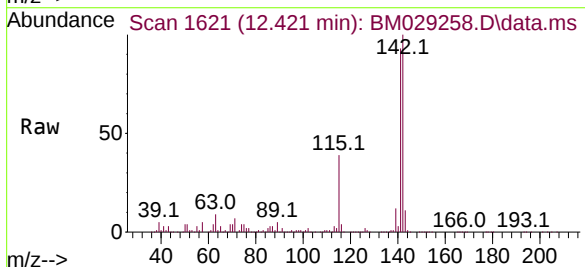
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

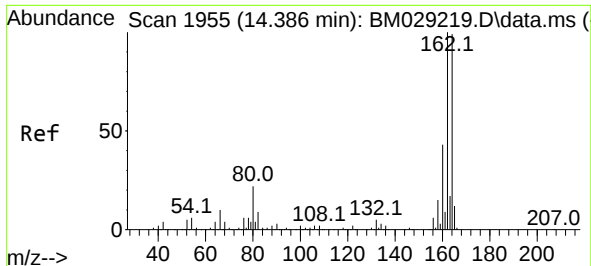
Tgt Ion:142 Resp: 676328  
Ion Ratio Lower Upper  
142 100  
141 88.3 72.0 108.0  
115 37.3 29.8 44.6



#38  
1-Methylnaphthalene  
Concen: 39.32 ng  
RT: 12.421 min Scan# 1621  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:142 Resp: 622962  
Ion Ratio Lower Upper  
142 100  
141 93.4 73.5 110.3  
116 4.2 3.2 4.8

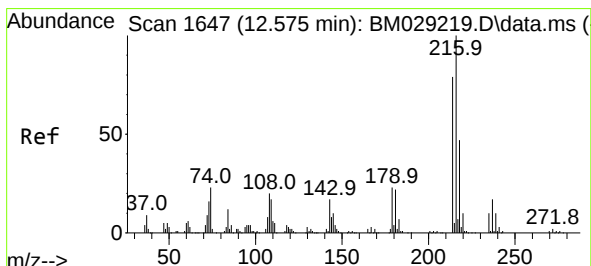
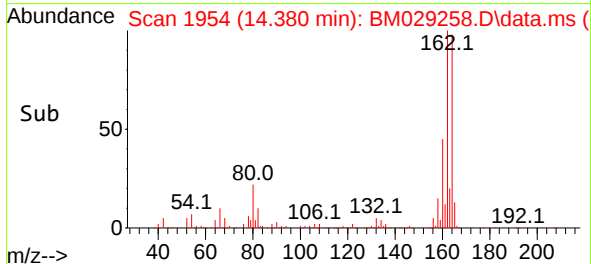
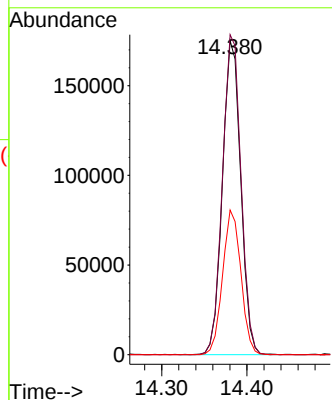
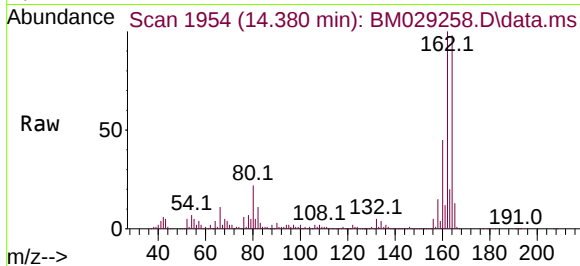




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.380 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

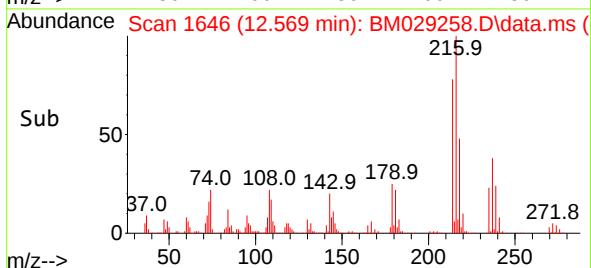
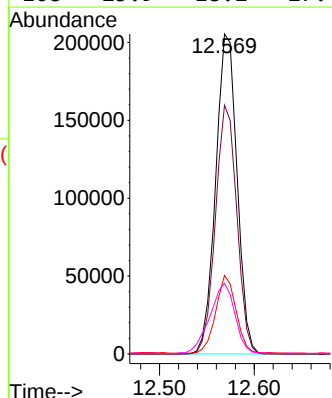
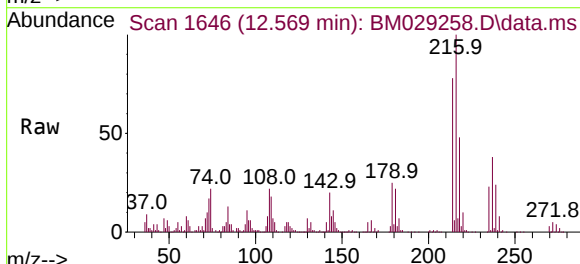
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

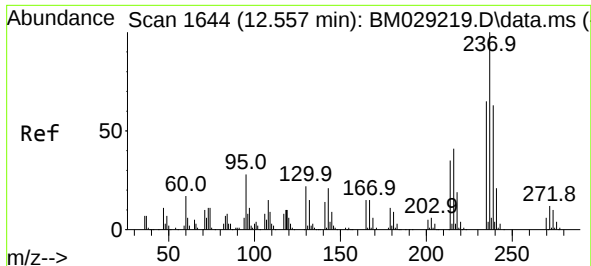
Tgt Ion:164 Resp: 261557  
Ion Ratio Lower Upper  
164 100  
162 101.9 84.4 126.6  
160 46.1 36.6 54.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.00 ng  
RT: 12.569 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:216 Resp: 322527  
Ion Ratio Lower Upper  
216 100  
214 77.5 62.3 93.5  
179 23.4 18.6 27.8  
108 25.9 18.2 27.4

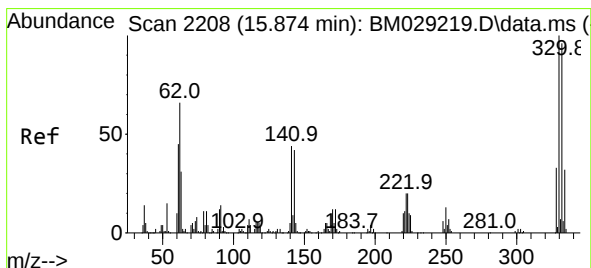
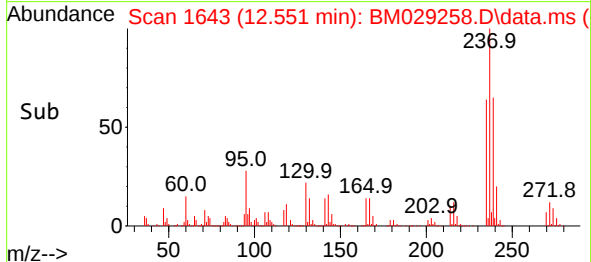
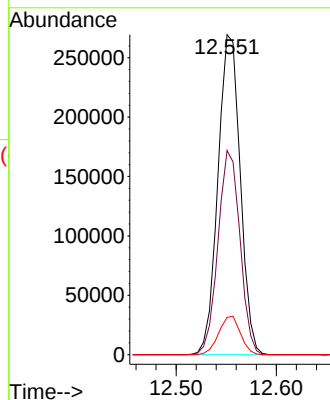
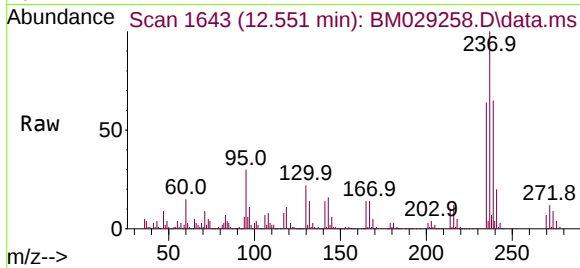




#41  
Hexachlorocyclopentadiene  
Concen: 103.36 ng  
RT: 12.551 min Scan# 1643  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

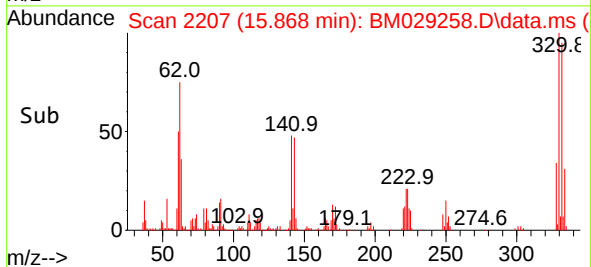
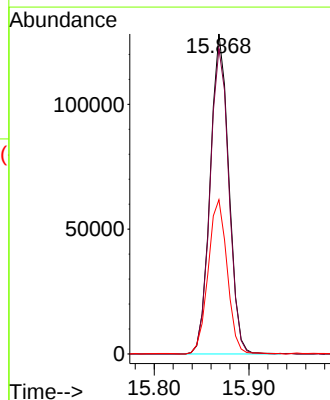
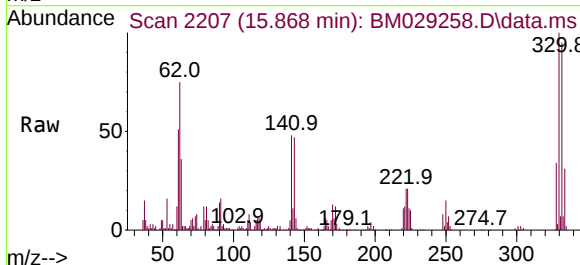
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

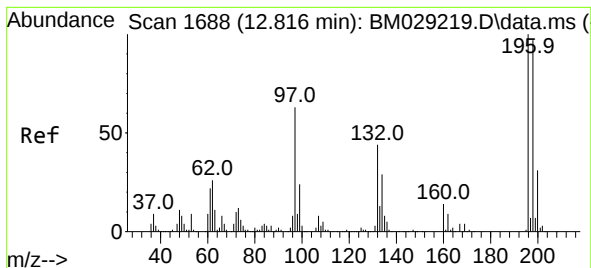
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 415711 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.8  | 41.8  | 81.8   |
| 272      | 11.7  | 0.0   | 31.1   |



#42  
2,4,6-Tribromophenol  
Concen: 72.10 ng  
RT: 15.868 min Scan# 2207  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 174636 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.7  | 77.1  | 115.7  |
| 141      | 49.4  | 39.2  | 58.8   |

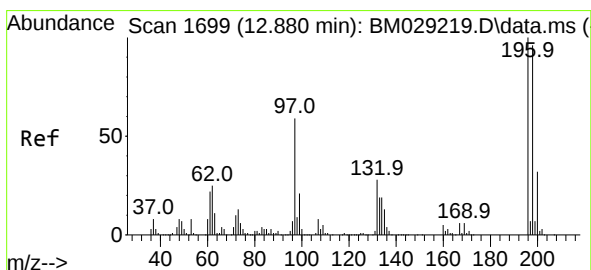
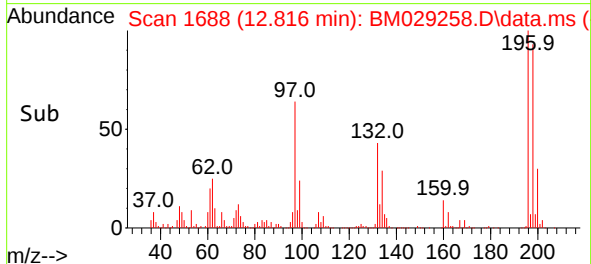
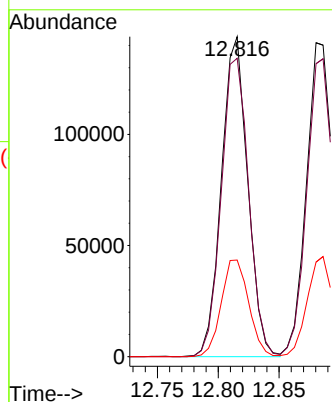
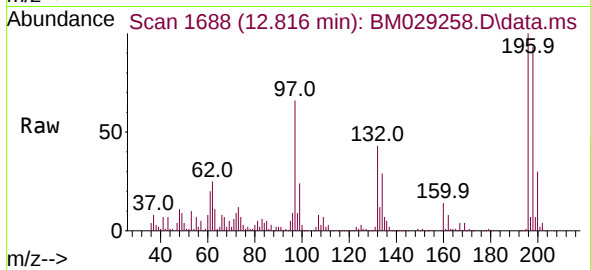




#43  
2,4,6-Trichlorophenol  
Concen: 45.44 ng  
RT: 12.816 min Scan# 1688  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

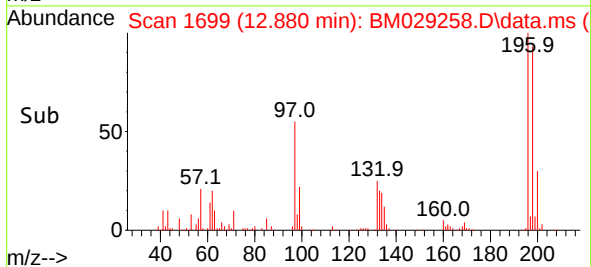
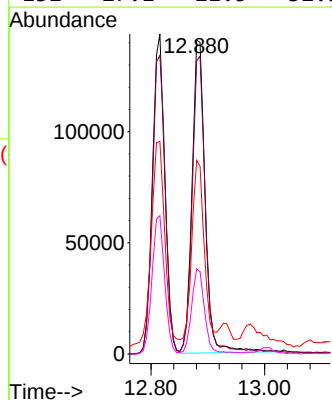
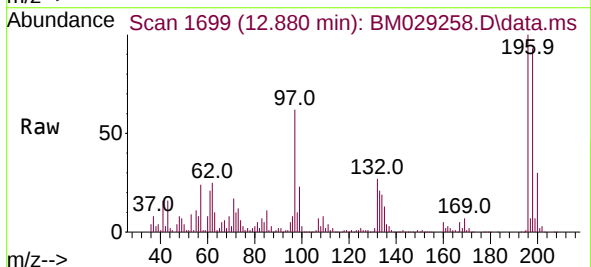
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

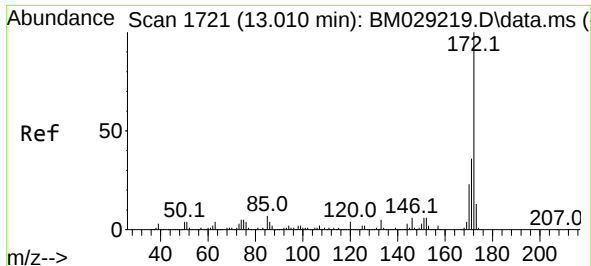
Tgt Ion:196 Resp: 216839  
Ion Ratio Lower Upper  
196 100  
198 93.2 75.3 112.9  
200 30.2 25.2 37.8



#44  
2,4,5-Trichlorophenol  
Concen: 42.58 ng  
RT: 12.880 min Scan# 1699  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:196 Resp: 225879  
Ion Ratio Lower Upper  
196 100  
198 93.3 74.6 112.0  
97 61.7 46.4 69.6  
132 27.1 21.5 32.3

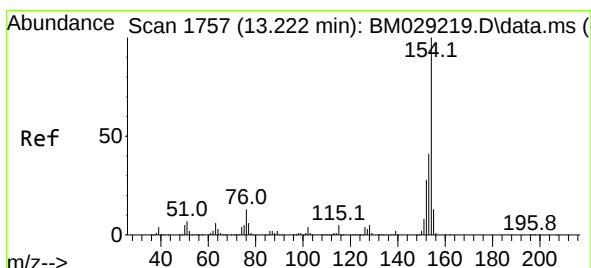
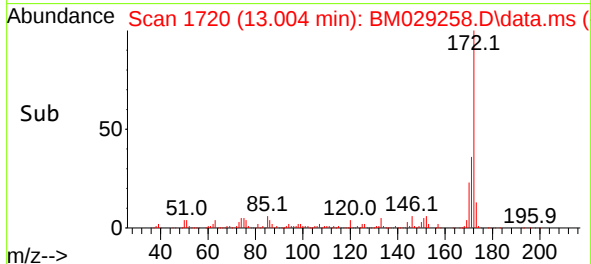
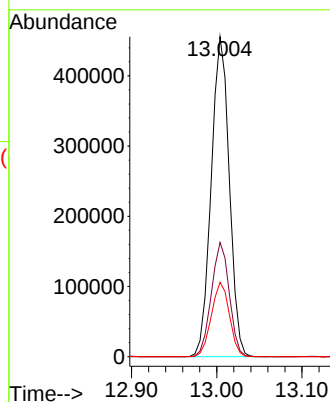
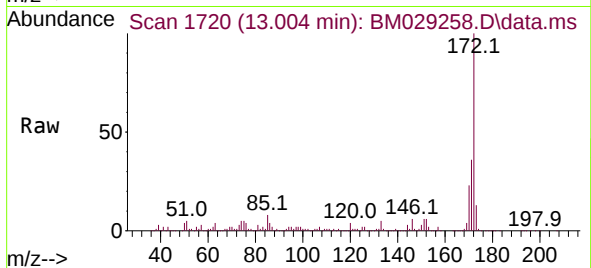




#45  
2-Fluorobiphenyl  
Concen: 36.39 ng  
RT: 13.004 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

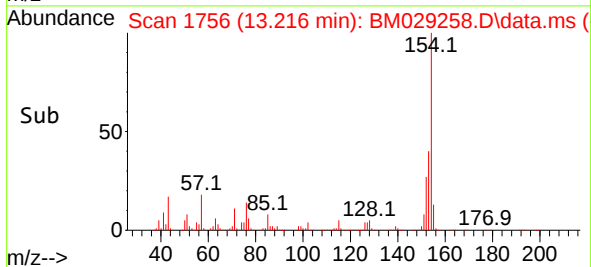
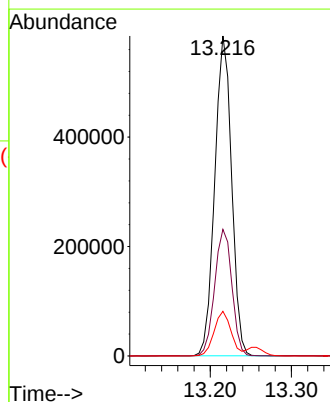
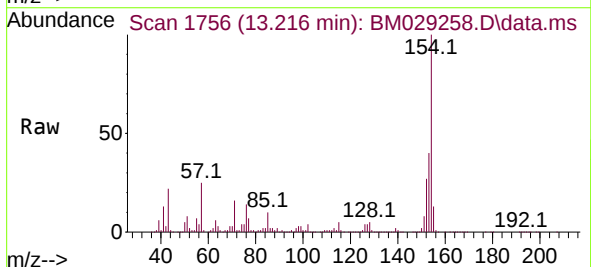
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

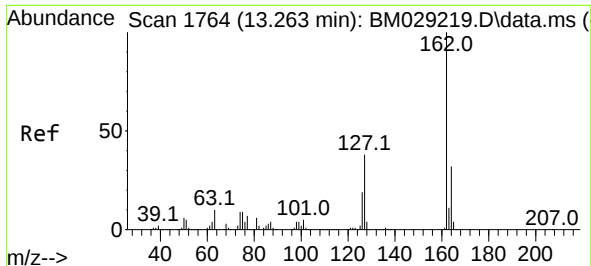
Tgt Ion:172 Resp: 671066  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.7 43.1  
170 23.3 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 42.39 ng  
RT: 13.216 min Scan# 1756  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:154 Resp: 842778  
Ion Ratio Lower Upper  
154 100  
153 39.6 21.5 61.5  
76 13.9 0.0 33.6

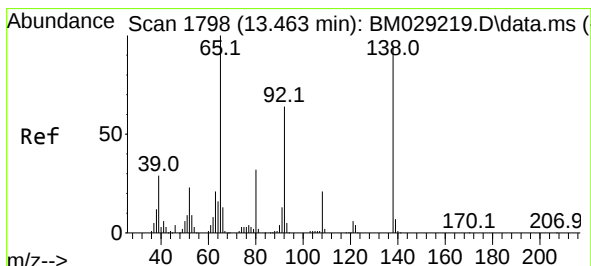
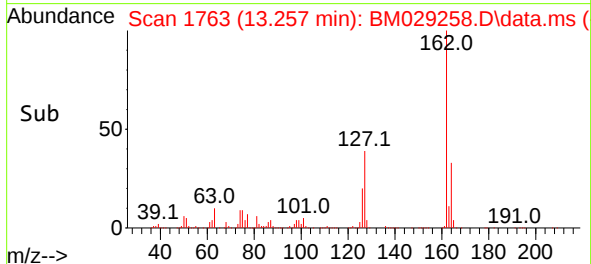
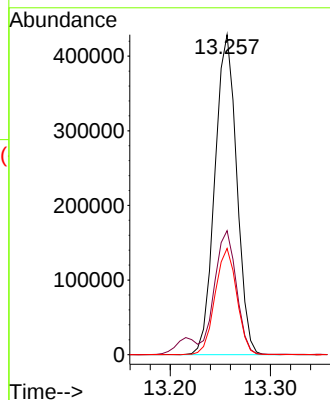
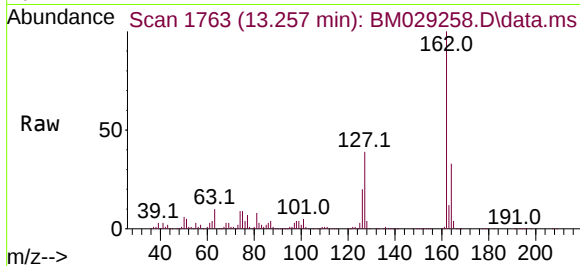




#47  
2-Chloronaphthalene  
Concen: 41.51 ng  
RT: 13.257 min Scan# 1763  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

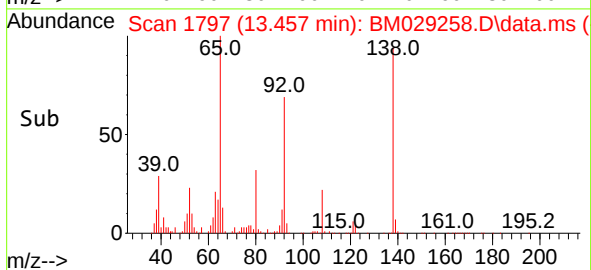
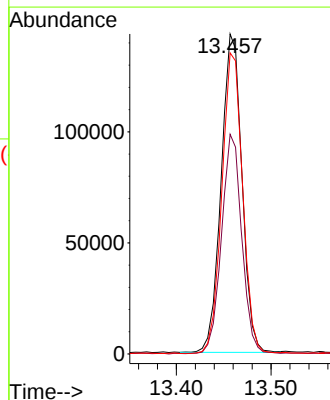
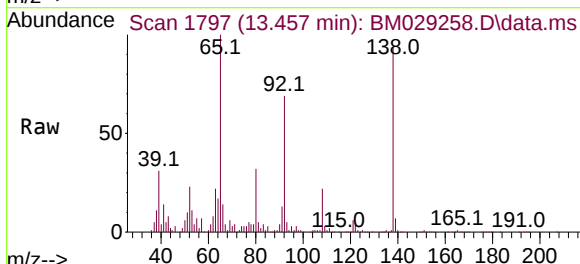
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

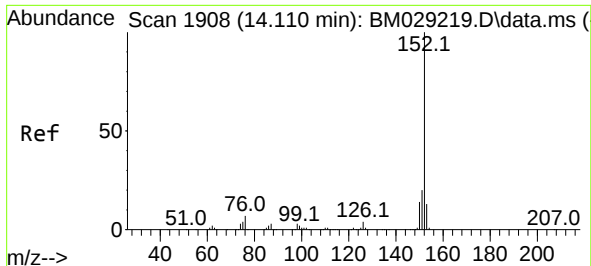
Tgt Ion:162 Resp: 649868  
Ion Ratio Lower Upper  
162 100  
127 38.7 30.4 45.6  
164 33.2 26.3 39.5



#48  
2-Nitroaniline  
Concen: 43.07 ng  
RT: 13.457 min Scan# 1797  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion: 65 Resp: 218645  
Ion Ratio Lower Upper  
65 100  
92 68.7 52.4 78.6  
138 94.1 75.0 112.6

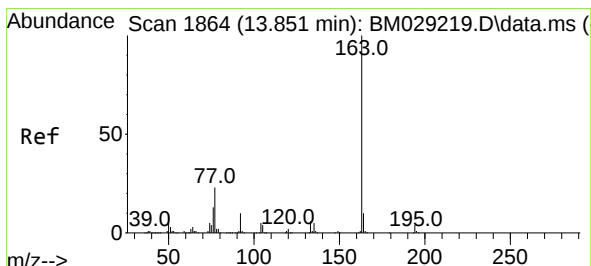
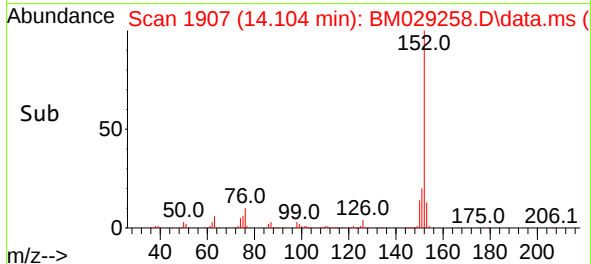
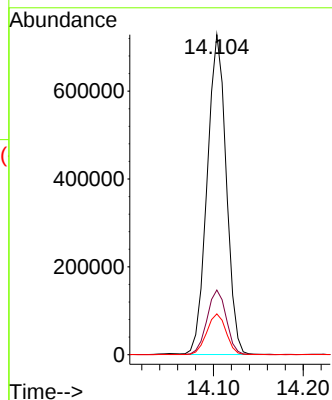
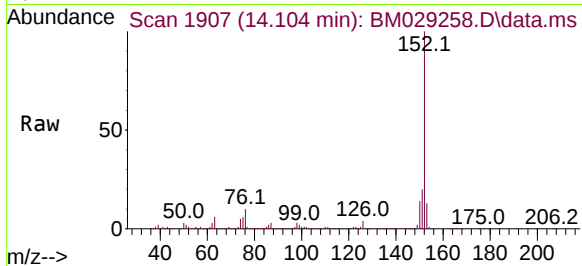




#49  
Acenaphthylene  
Concen: 45.11 ng  
RT: 14.104 min Scan# 1907  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

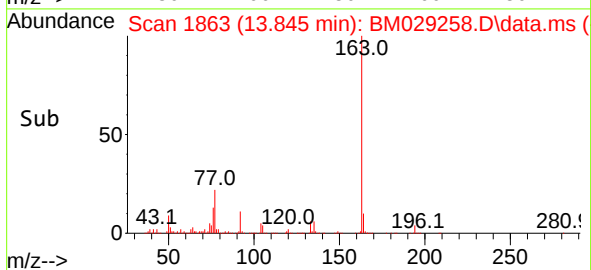
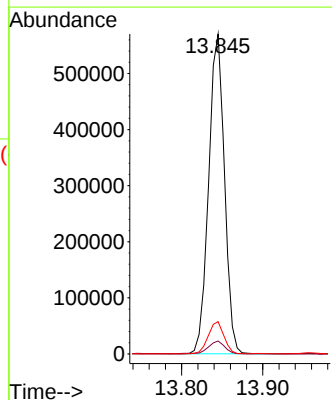
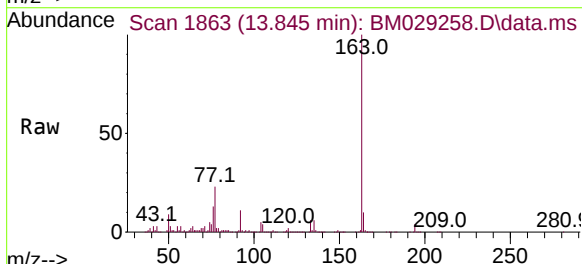
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

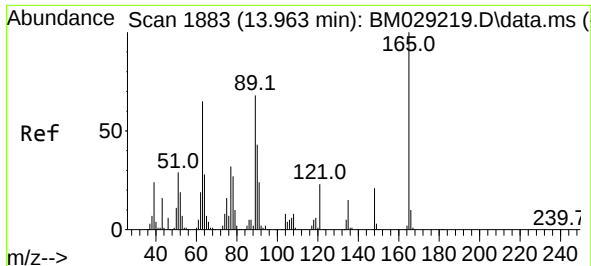
Tgt Ion:152 Resp: 1074376  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.4  
153 12.8 10.2 15.2



#50  
Dimethylphthalate  
Concen: 42.07 ng  
RT: 13.845 min Scan# 1863  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:163 Resp: 768985  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.1 7.9 11.9

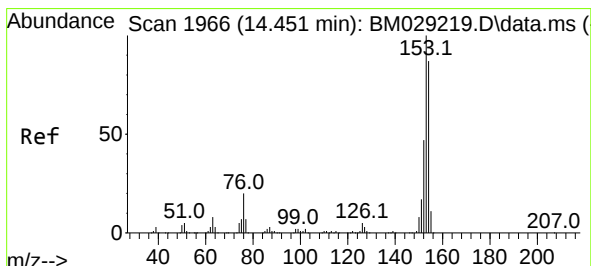
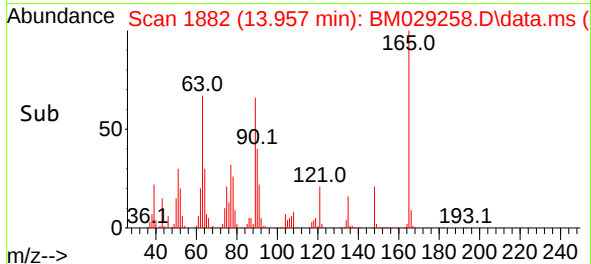
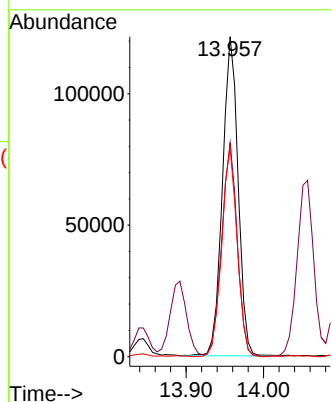
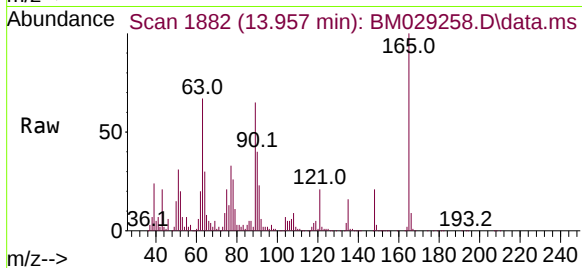




#51  
2,6-Dinitrotoluene  
Concen: 43.17 ng  
RT: 13.957 min Scan# 1882  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

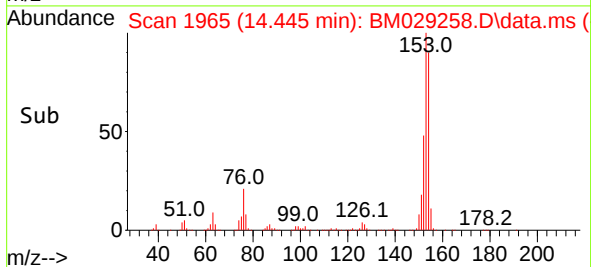
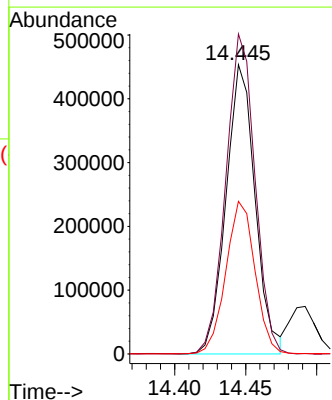
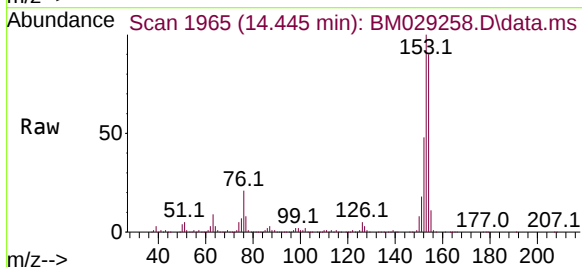
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

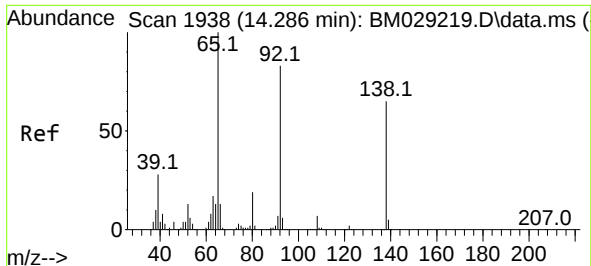
Tgt Ion:165 Resp: 170677  
Ion Ratio Lower Upper  
165 100  
63 66.8 51.4 77.2  
89 65.3 51.4 77.2



#52  
Acenaphthene  
Concen: 42.76 ng  
RT: 14.445 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:154 Resp: 647263  
Ion Ratio Lower Upper  
154 100  
153 110.6 90.5 135.7  
152 52.8 43.4 65.2

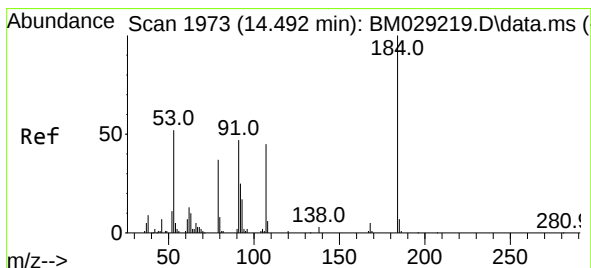
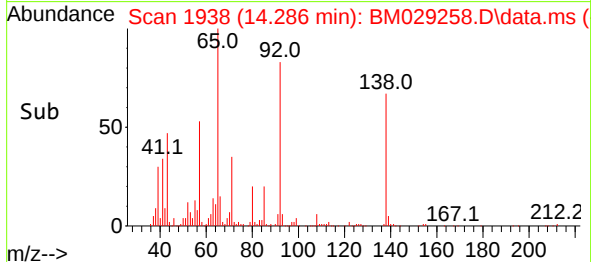
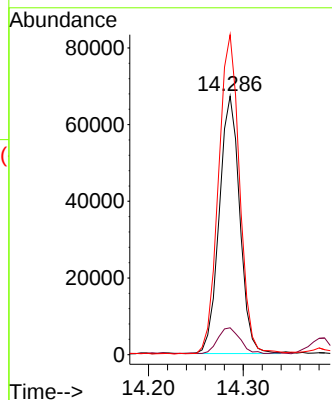
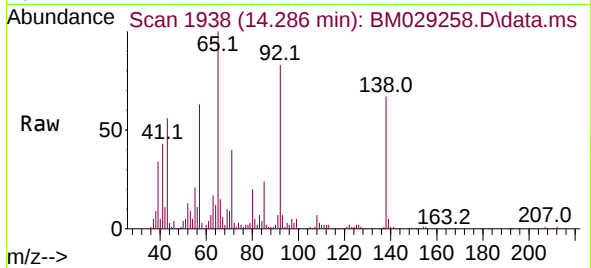




#53  
3-Nitroaniline  
Concen: 25.28 ng  
RT: 14.286 min Scan# 1938  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

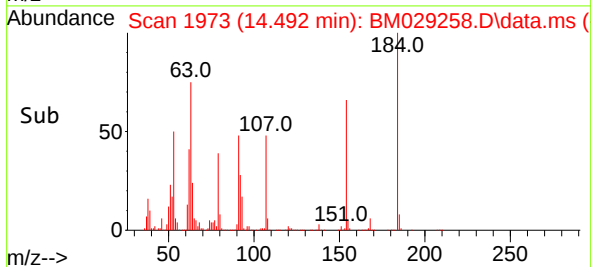
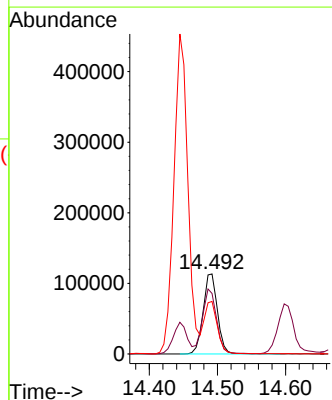
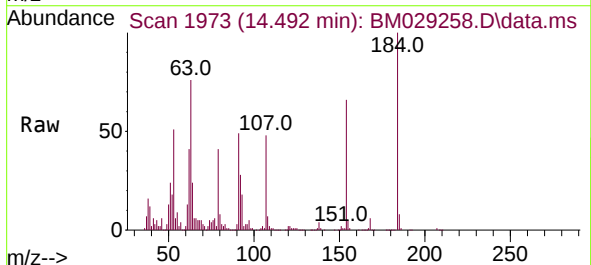
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

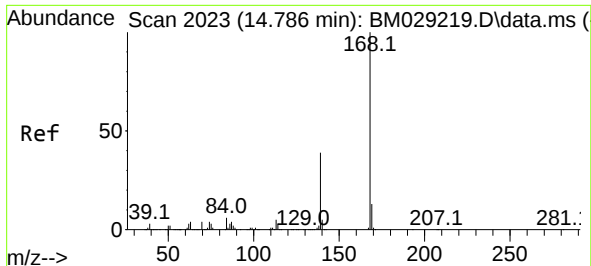
Tgt Ion:138 Resp: 101191  
Ion Ratio Lower Upper  
138 100  
108 10.4 9.0 13.4  
92 123.7 101.4 152.0



#54  
2,4-Dinitrophenol  
Concen: 71.36 ng  
RT: 14.492 min Scan# 1973  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:184 Resp: 164868  
Ion Ratio Lower Upper  
184 100  
63 75.6 61.9 92.9  
154 65.7 52.3 78.5

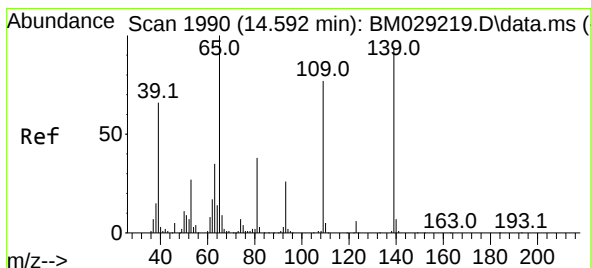
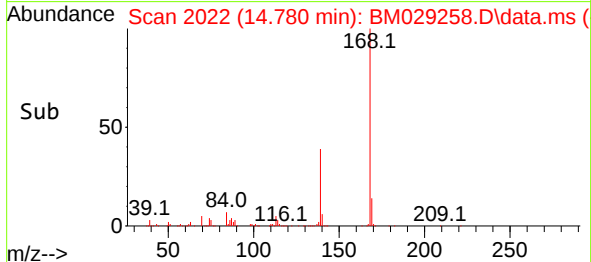
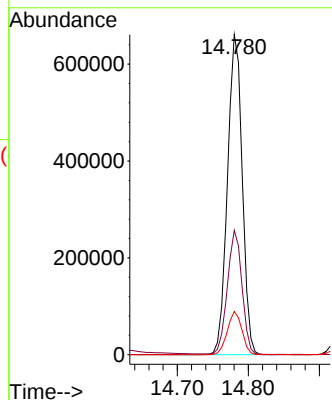
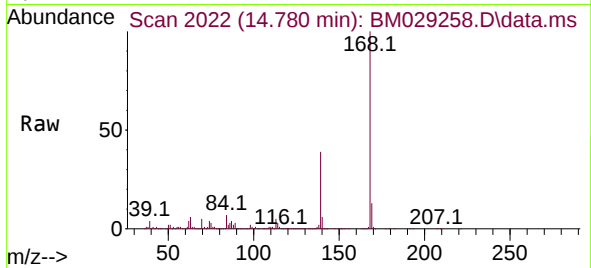




#55  
Dibenzenofuran  
Concen: 39.99 ng  
RT: 14.780 min Scan# 2022  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

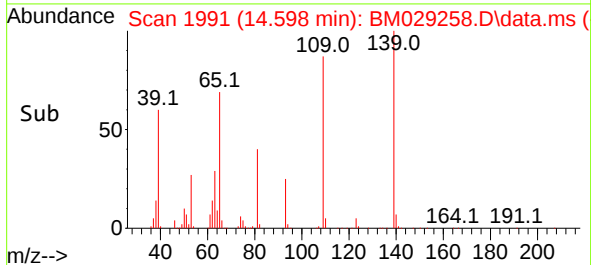
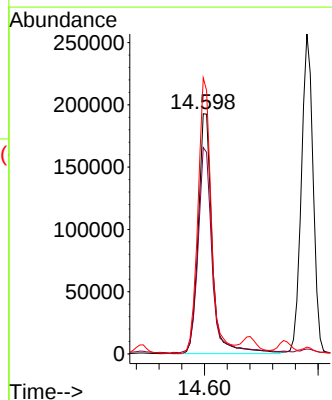
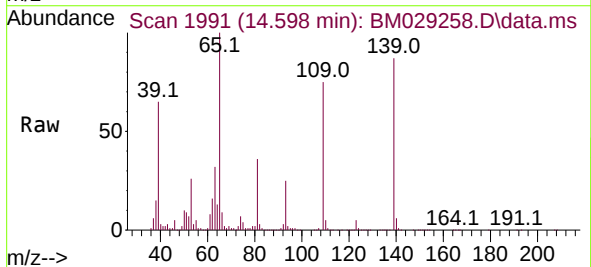
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

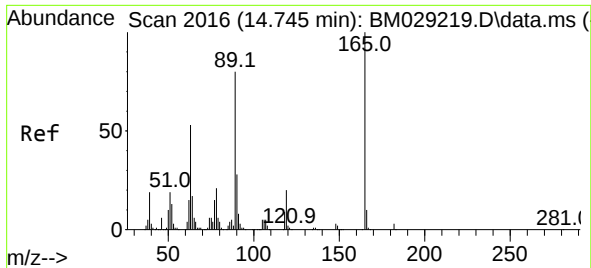
Tgt Ion:168 Resp: 952296  
Ion Ratio Lower Upper  
168 100  
139 38.9 30.6 46.0  
169 13.5 10.2 15.4



#56  
4-Nitrophenol  
Concen: 90.31 ng  
RT: 14.598 min Scan# 1991  
Delta R.T. 0.017 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:139 Resp: 330199  
Ion Ratio Lower Upper  
139 100  
109 86.0 69.5 109.5  
65 115.0 98.1 138.1

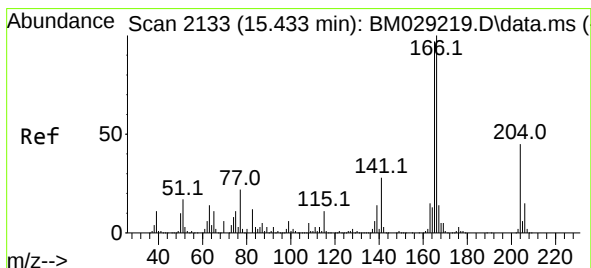
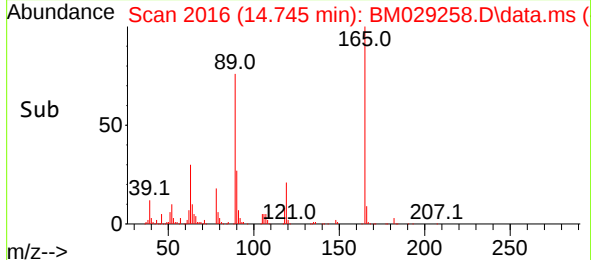
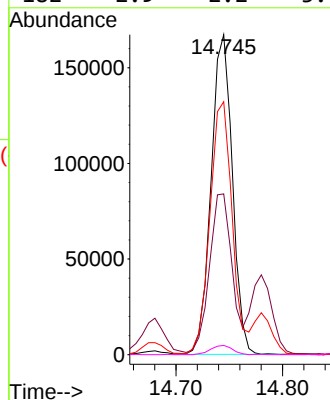
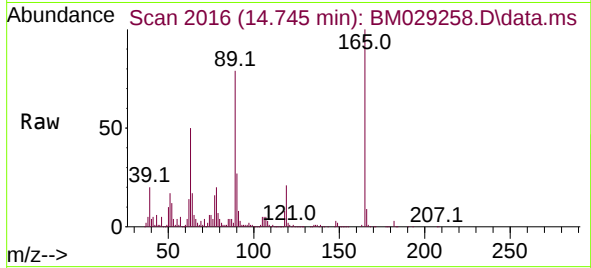




#57  
2,4-Dinitrotoluene  
Concen: 40.45 ng  
RT: 14.745 min Scan# 2016  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

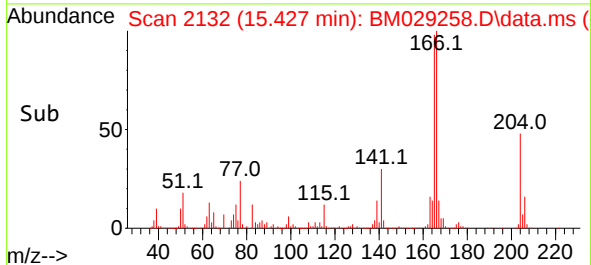
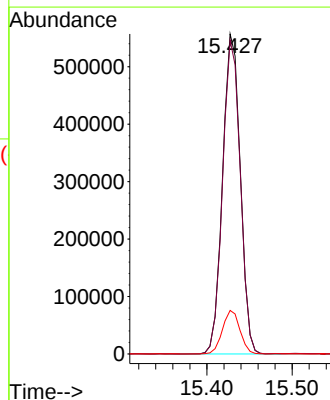
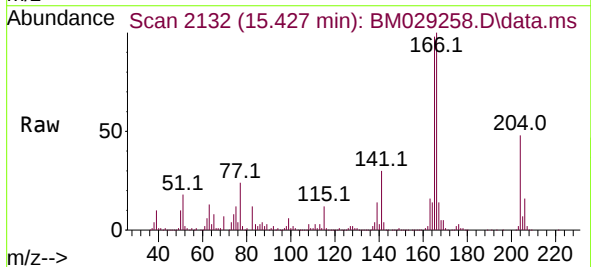
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

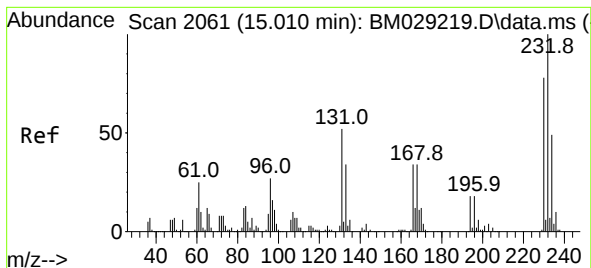
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 231292 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 50.2  | 42.2  | 63.4   |
| 89        | 79.0  | 65.6  | 98.4   |
| 182       | 2.9   | 2.2   | 3.4    |



#58  
Fluorene  
Concen: 41.64 ng  
RT: 15.427 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 803917 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.1  | 79.6  | 119.4  |
| 167       | 13.6  | 11.0  | 16.6   |

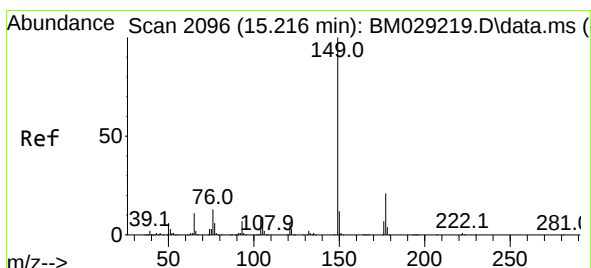
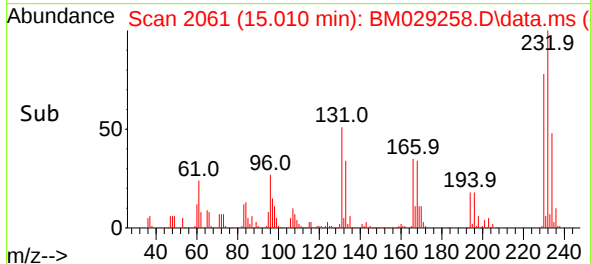
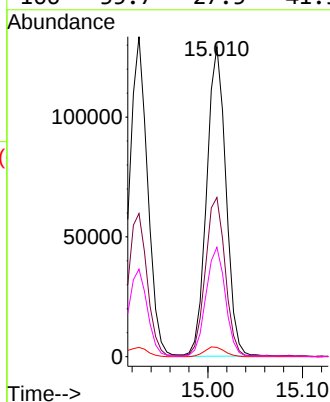
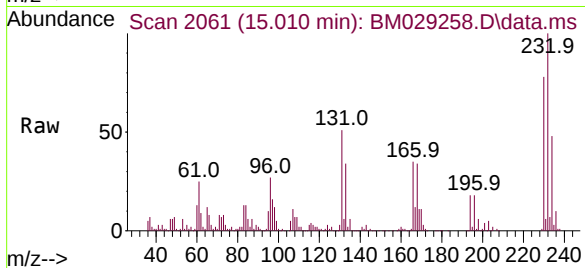




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.84 ng  
RT: 15.010 min Scan# 2061  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

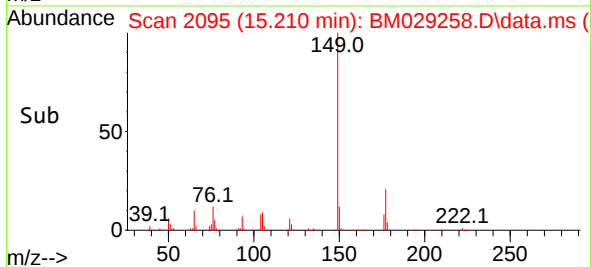
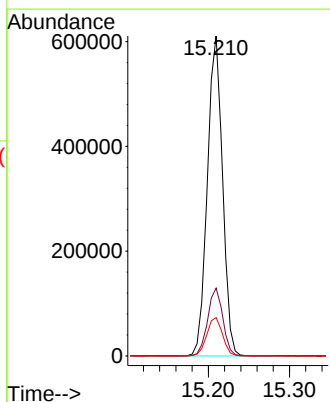
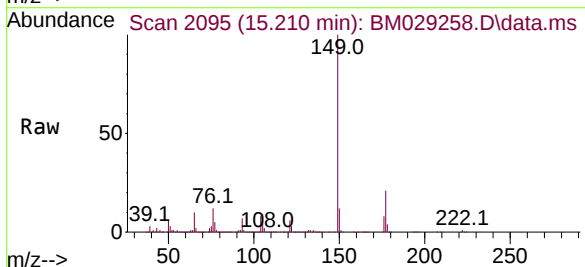
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

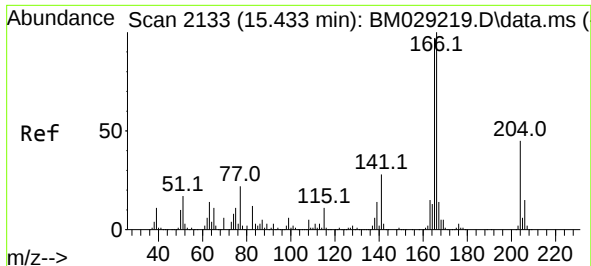
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 181880    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 52.4  | 41.1 61.7 |
| 130         | 3.3   | 2.6 3.8   |
| 166         | 35.7  | 27.5 41.3 |



#60  
Diethylphthalate  
Concen: 43.94 ng  
RT: 15.210 min Scan# 2095  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 791263    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 21.2  | 17.3 25.9 |
| 150         | 12.0  | 9.8 14.6  |

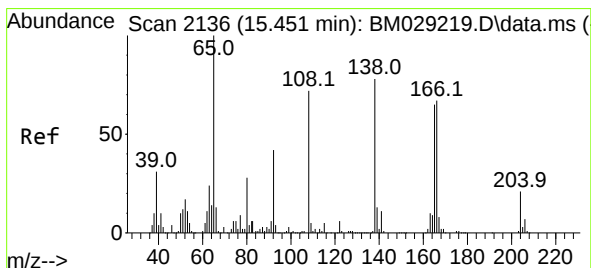
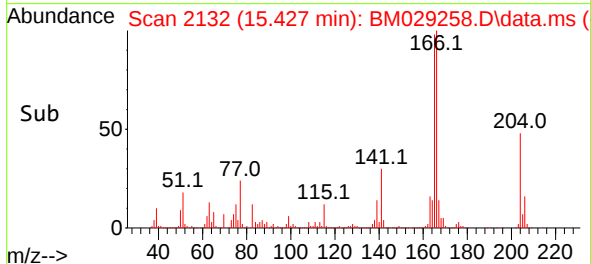
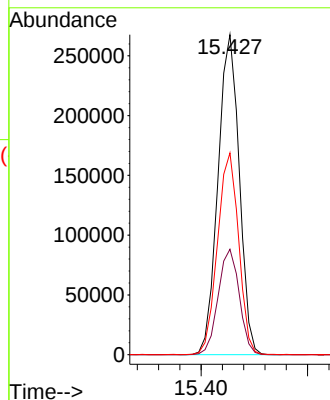
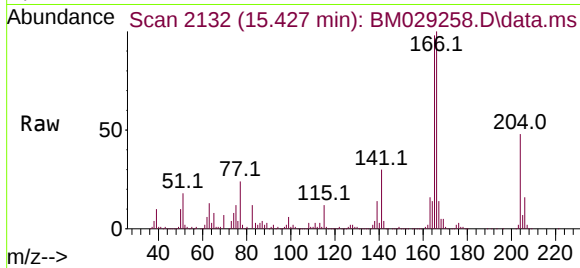




#61  
4-Chlorophenyl-phenylether  
Concen: 41.63 ng  
RT: 15.427 min Scan# 2132  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

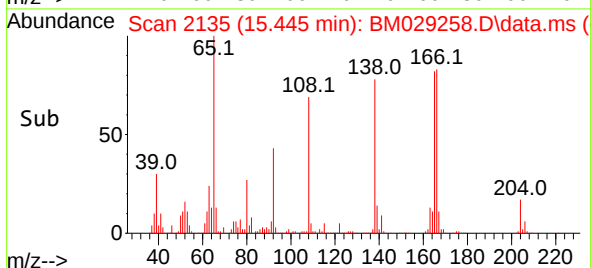
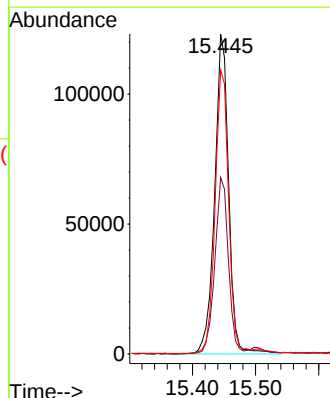
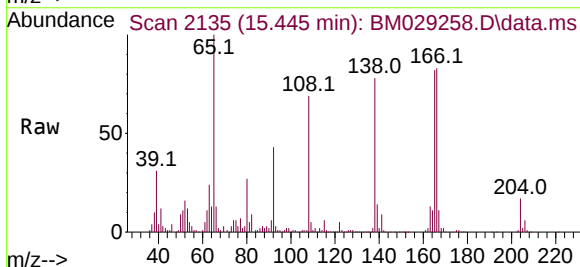
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

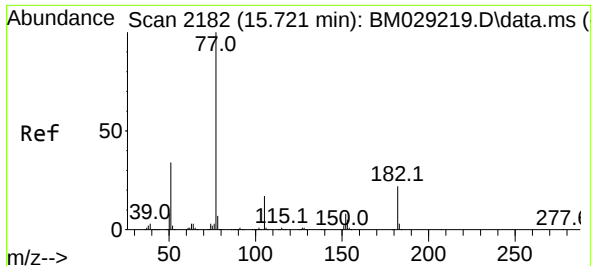
Tgt Ion:204 Resp: 370812  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.7 40.1  
141 63.1 48.4 72.6



#62  
4-Nitroaniline  
Concen: 40.28 ng  
RT: 15.445 min Scan# 2135  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:138 Resp: 189208  
Ion Ratio Lower Upper  
138 100  
92 55.2 38.2 78.2  
108 88.8 71.7 111.7

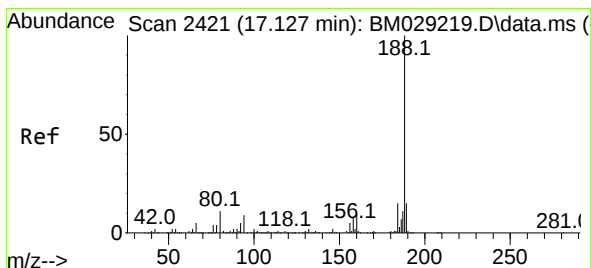
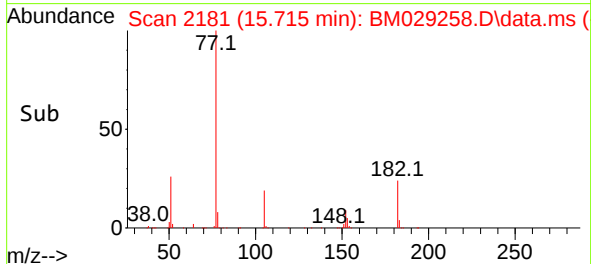
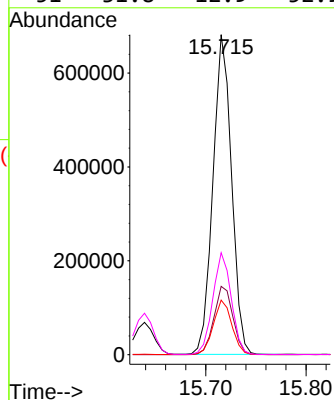
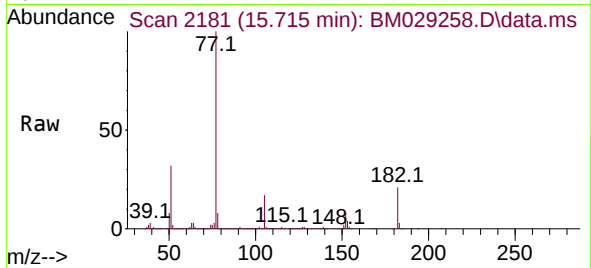




#63  
Azobenzene  
Concen: 42.49 ng  
RT: 15.715 min Scan# 2181  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

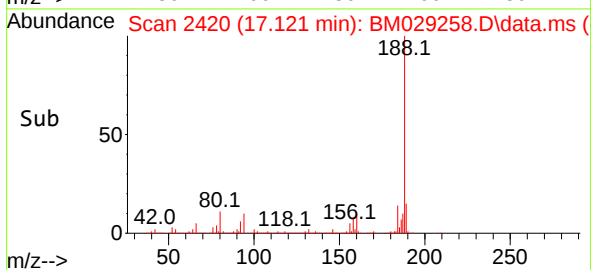
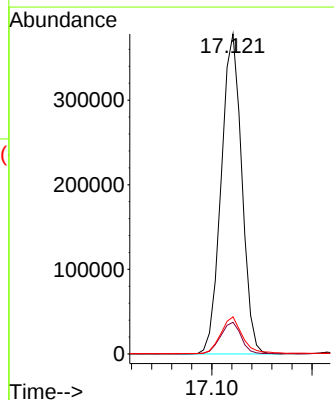
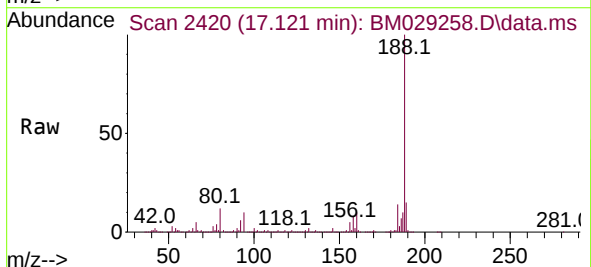
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

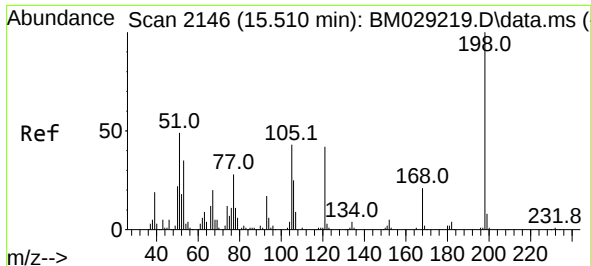
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 874568 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 21.4    | 2.3 42.3     |
| 105 17.1    | 0.0 36.4     |
| 51 31.8     | 12.9 52.9    |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.121 min Scan# 2420  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 538175 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 9.9       | 8.1 12.1     |
| 80 11.6      | 9.2 13.8     |

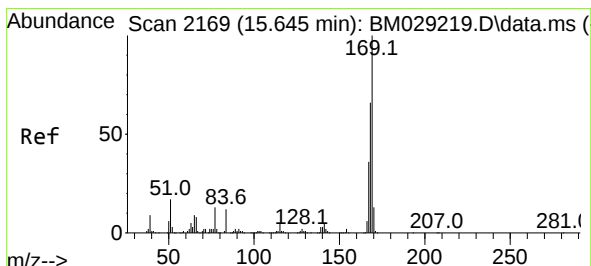
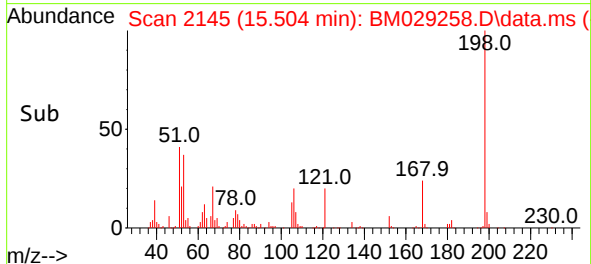
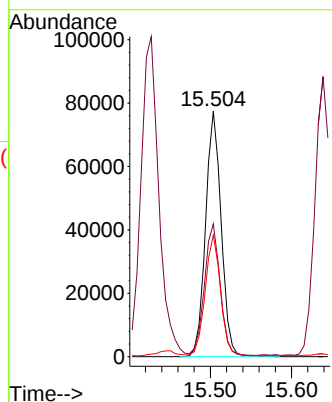
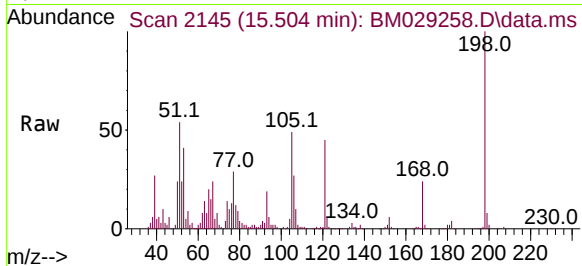




#65  
4,6-Dinitro-2-methylphenol  
Concen: 33.51 ng  
RT: 15.504 min Scan# 2145  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

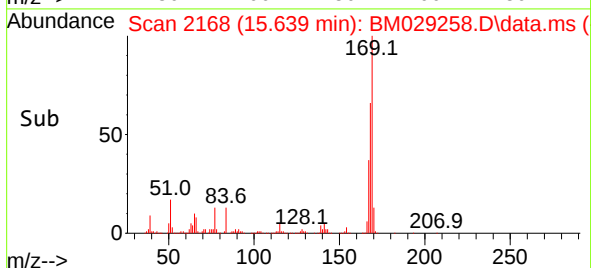
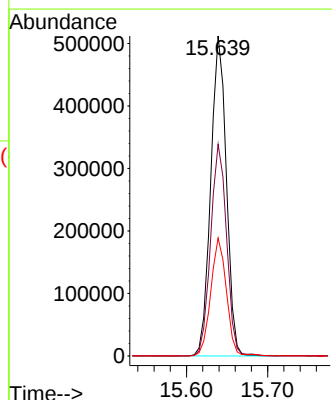
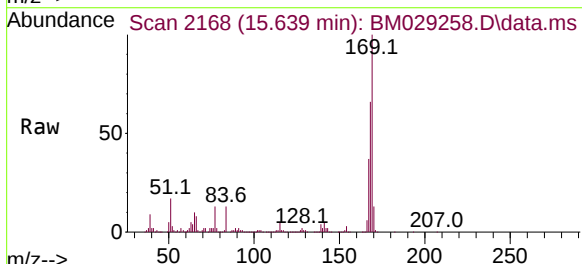
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

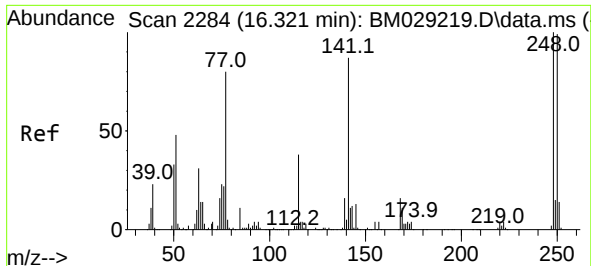
Tgt Ion:198 Resp: 103095  
Ion Ratio Lower Upper  
198 100  
51 54.1 35.1 75.1  
105 49.5 29.4 69.4



#66  
n-Nitrosodiphenylamine  
Concen: 39.55 ng  
RT: 15.639 min Scan# 2168  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:169 Resp: 681475  
Ion Ratio Lower Upper  
169 100  
168 66.2 54.6 81.8  
167 36.9 29.4 44.0

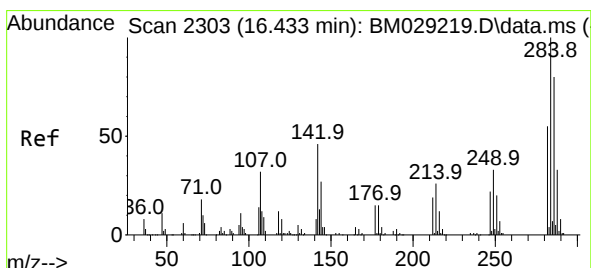
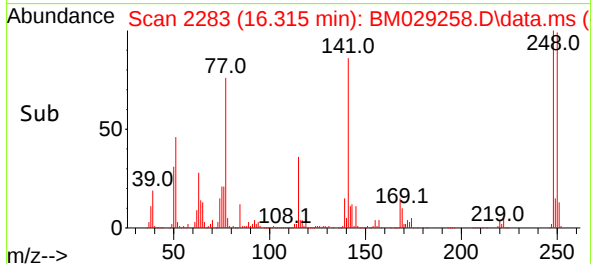
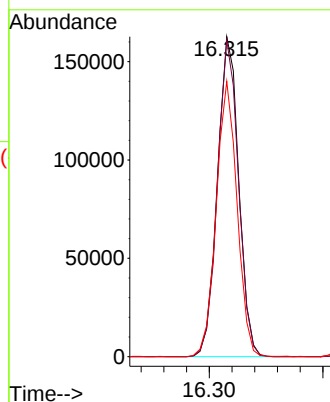
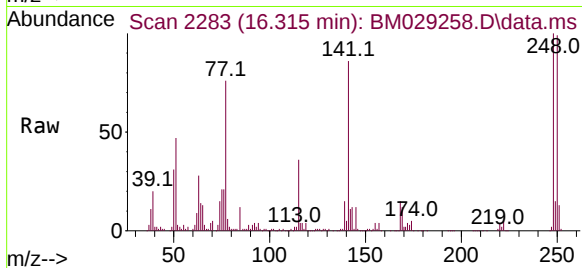




#67  
4-Bromophenyl-phenylether  
Concen: 43.00 ng  
RT: 16.315 min Scan# 2283  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

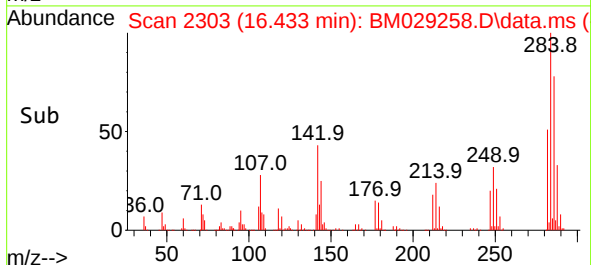
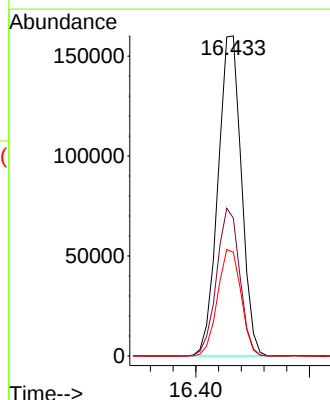
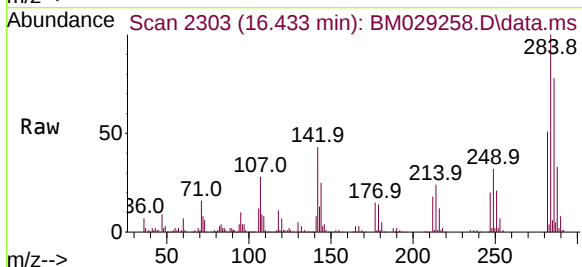
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

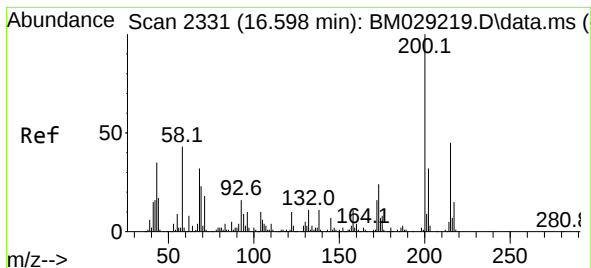
Tgt Ion:248 Resp: 212155  
Ion Ratio Lower Upper  
248 100  
250 98.9 78.4 117.6  
141 86.1 67.1 100.7



#68  
Hexachlorobenzene  
Concen: 39.59 ng  
RT: 16.433 min Scan# 2303  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:284 Resp: 229793  
Ion Ratio Lower Upper  
284 100  
142 43.1 33.4 50.2  
249 32.5 25.9 38.9





#69

Atrazine

Concen: 44.99 ng

RT: 16.592 min Scan# 2330

Delta R.T. 0.005 min

Lab File: BM029258.D

Acq: 29 Mar 2021 23:34

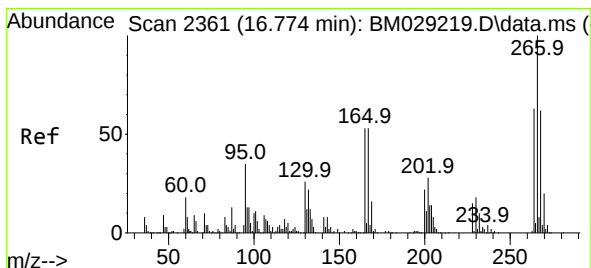
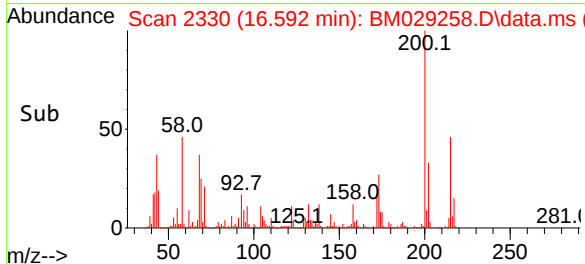
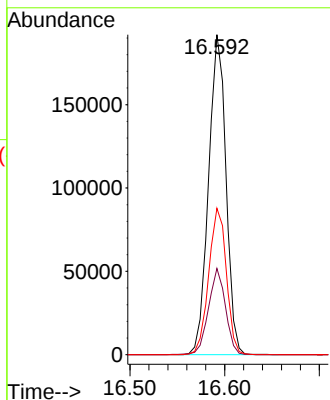
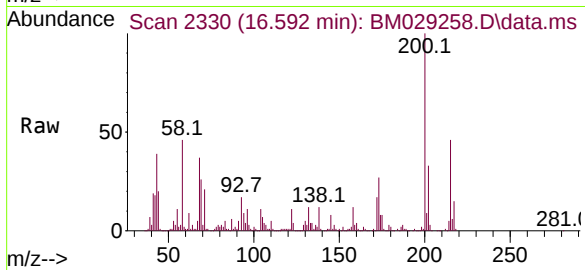
Tgt Ion:200 Resp: 244717

Ion Ratio Lower Upper

200 100

173 27.0 6.1 46.1

215 45.8 23.8 63.8



#70

Pentachlorophenol

Concen: 61.83 ng

RT: 16.774 min Scan# 2361

Delta R.T. 0.011 min

Lab File: BM029258.D

Acq: 29 Mar 2021 23:34

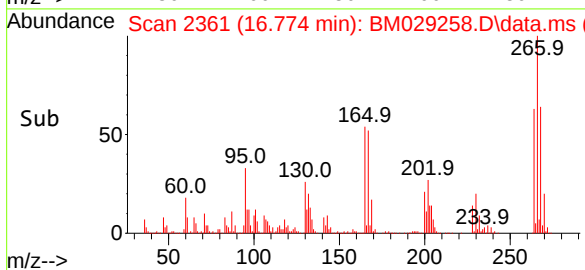
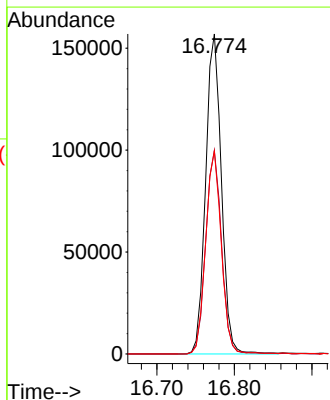
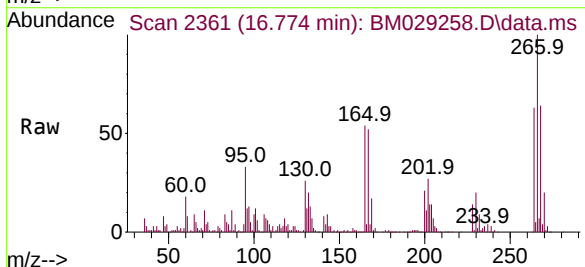
Tgt Ion:266 Resp: 221100

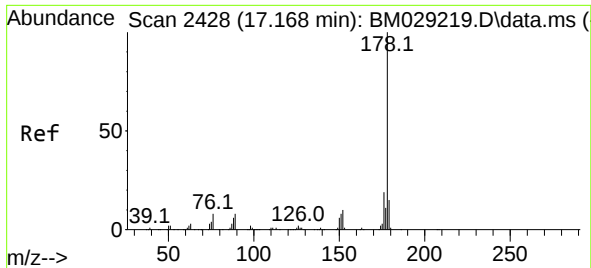
Ion Ratio Lower Upper

266 100

268 63.6 52.2 78.2

264 63.4 50.9 76.3

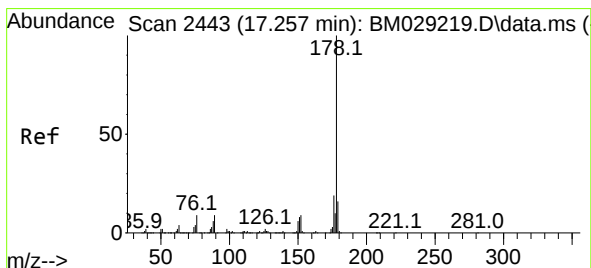
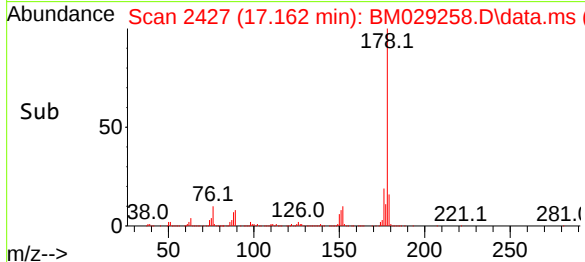
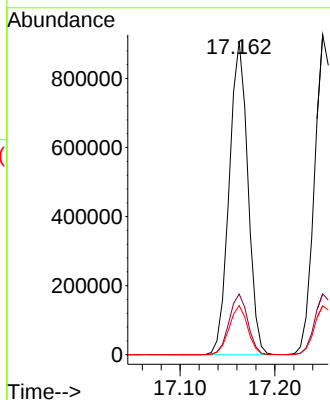
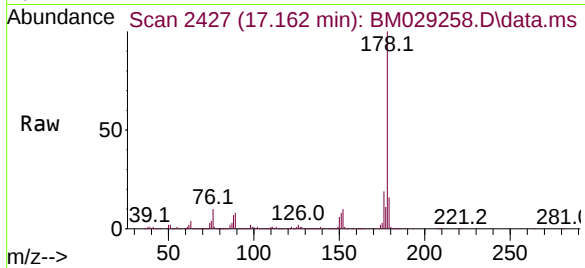




#71  
Phenanthrene  
Concen: 39.73 ng  
RT: 17.162 min Scan# 2427  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

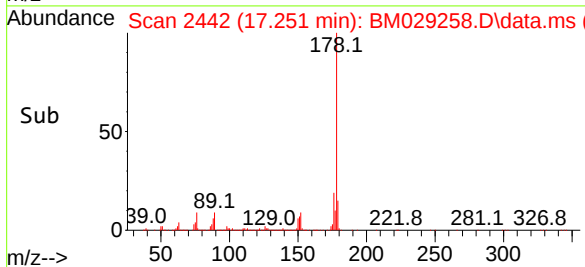
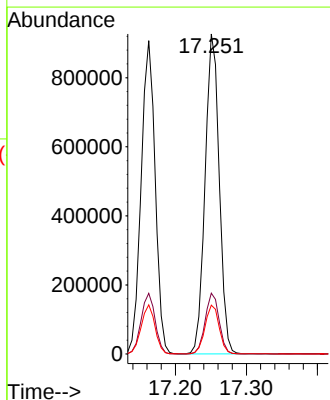
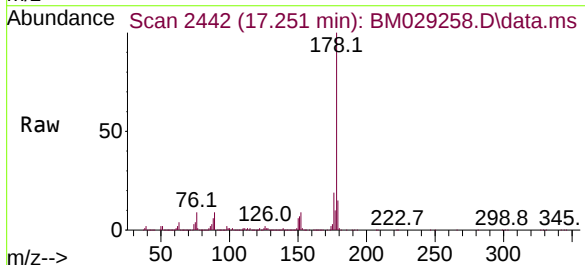
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

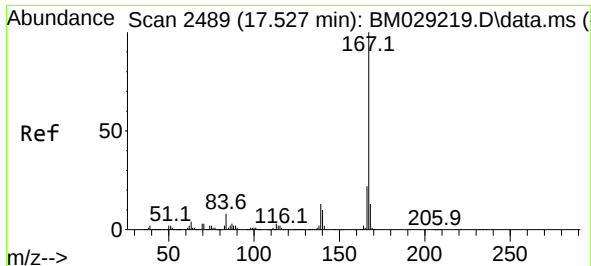
Tgt Ion:178 Resp: 1239832  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.7 23.5  
179 15.7 11.9 17.9



#72  
Anthracene  
Concen: 42.34 ng  
RT: 17.251 min Scan# 2442  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:178 Resp: 1283839  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.9 22.3  
179 15.3 12.1 18.1

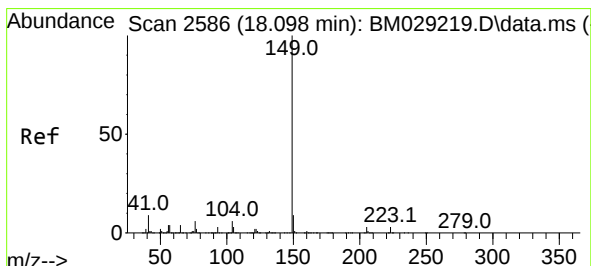
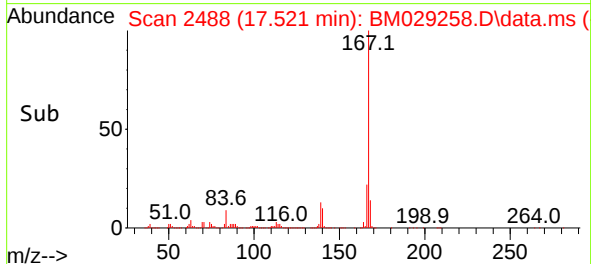
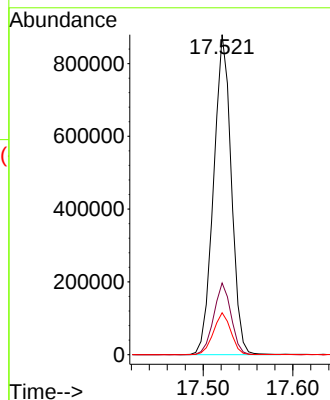
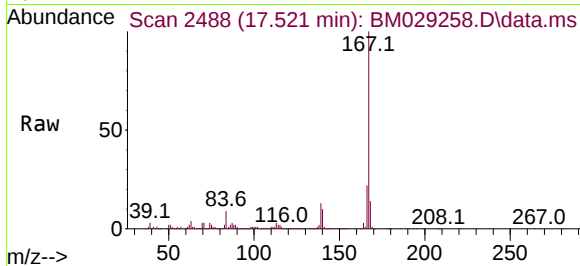




#73  
 Carbazole  
 Concen: 40.36 ng  
 RT: 17.521 min Scan# 2488  
 Delta R.T. 0.005 min  
 Lab File: BM029258.D  
 Acq: 29 Mar 2021 23:34

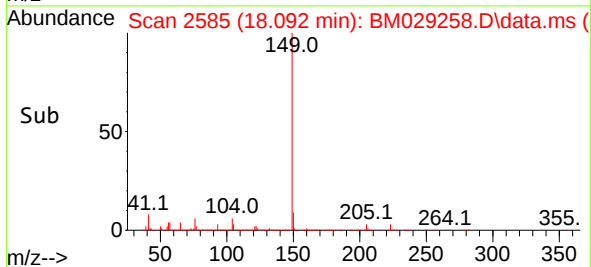
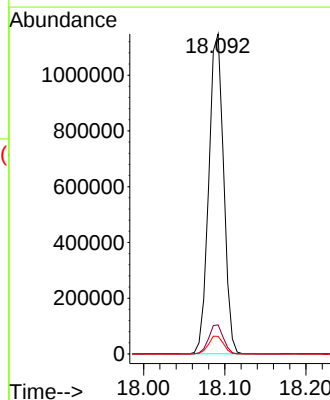
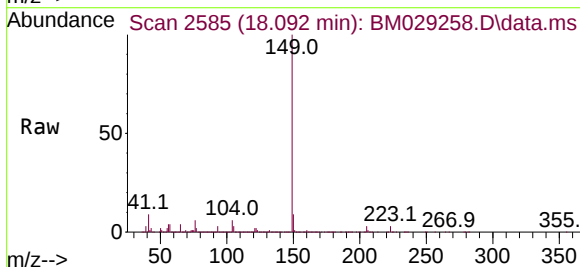
Instrument :  
 BNA\_M  
 ClientSampleId :  
 FS-SB13(25-26)MSD

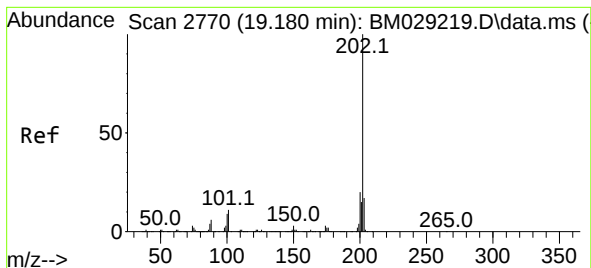
Tgt Ion:167 Resp: 1204205  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.5 26.3  
 139 13.1 10.6 15.8



#74  
 Di-n-butylphthalate  
 Concen: 50.55 ng  
 RT: 18.092 min Scan# 2585  
 Delta R.T. 0.005 min  
 Lab File: BM029258.D  
 Acq: 29 Mar 2021 23:34

Tgt Ion:149 Resp: 1454778  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 5.5 4.6 6.8

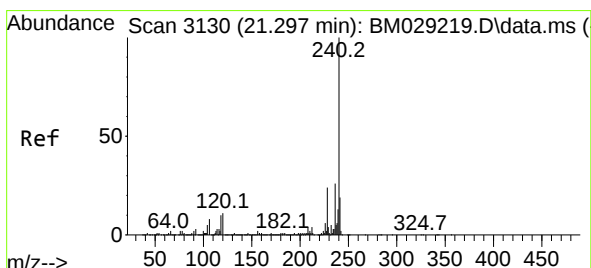
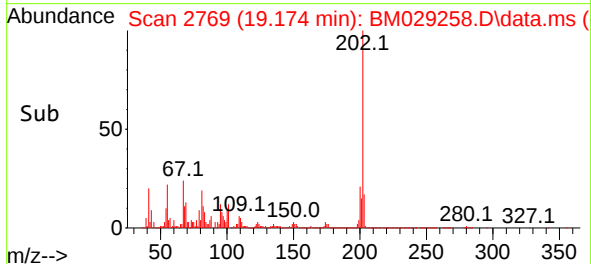
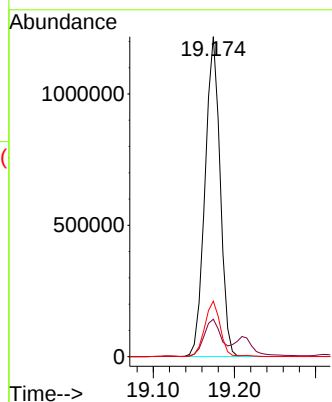
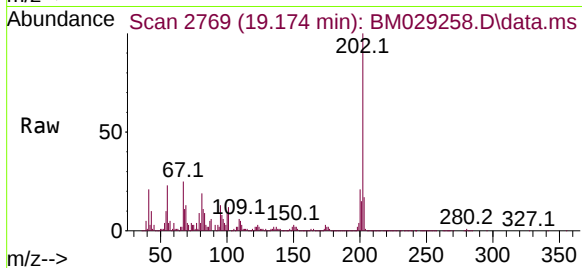




#75  
Fluoranthene  
Concen: 45.49 ng  
RT: 19.174 min Scan# 2769  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

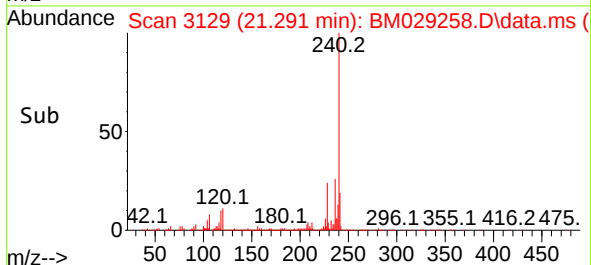
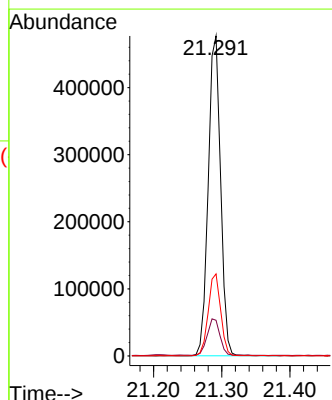
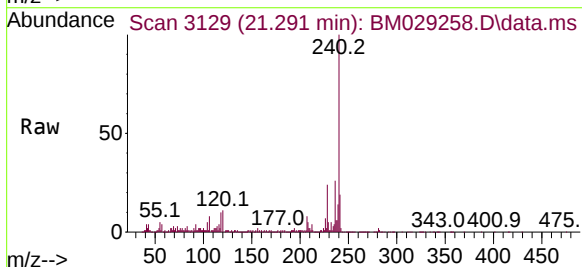
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

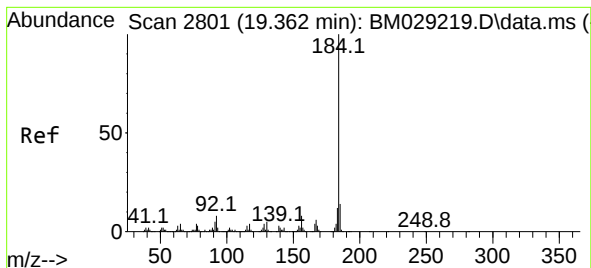
Tgt Ion:202 Resp: 1568258  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 31.5  
203 17.4 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.291 min Scan# 3129  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:240 Resp: 599941  
Ion Ratio Lower Upper  
240 100  
120 11.1 9.0 13.6  
236 25.7 20.3 30.5

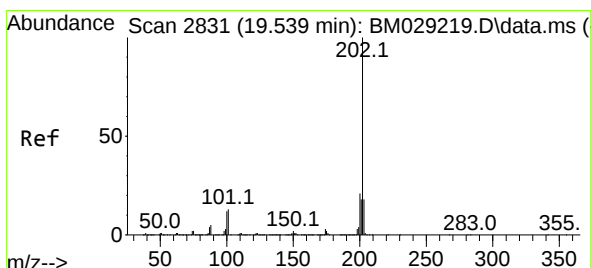
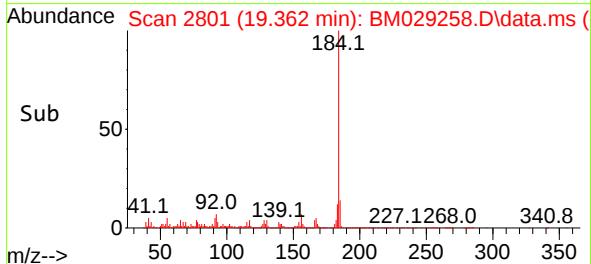
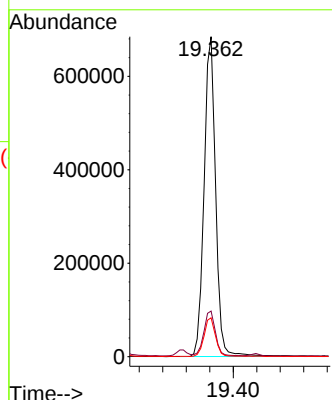
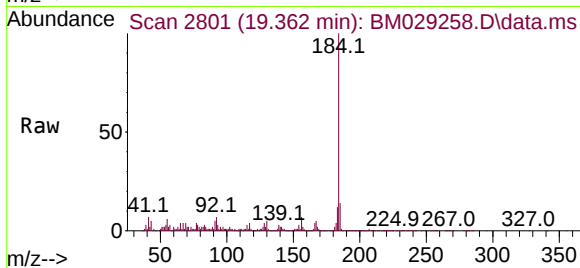




#77  
Benzidine  
Concen: 54.09 ng  
RT: 19.362 min Scan# 2801  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

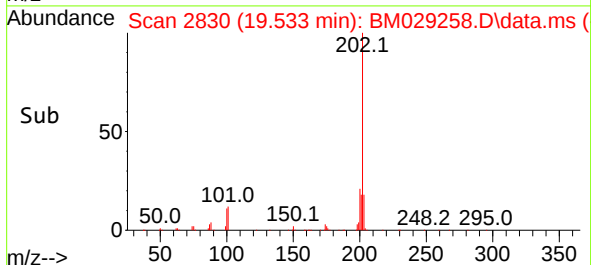
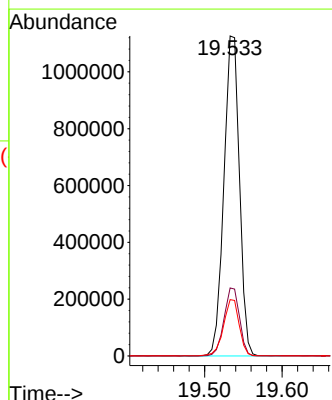
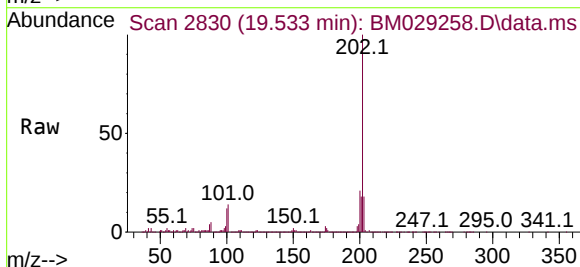
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

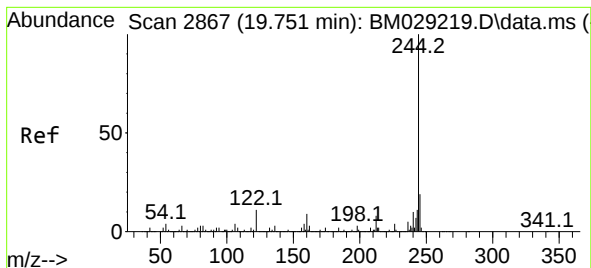
Tgt Ion:184 Resp: 937508  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.3 16.9  
183 12.1 9.8 14.6



#78  
Pyrene  
Concen: 38.57 ng  
RT: 19.533 min Scan# 2830  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:202 Resp: 1566729  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.6  
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 30.41 ng

RT: 19.739 min Scan# 2865

Delta R.T. -0.000 min

Lab File: BM029258.D

Acq: 29 Mar 2021 23:34

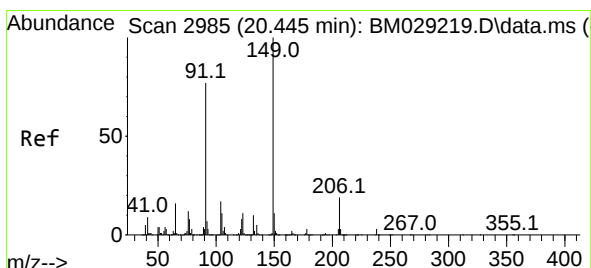
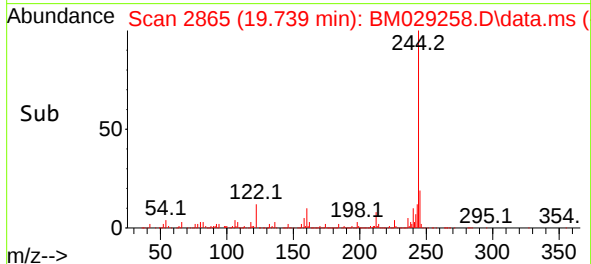
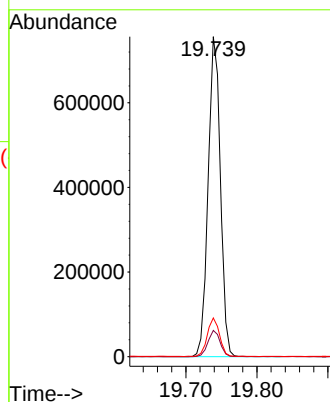
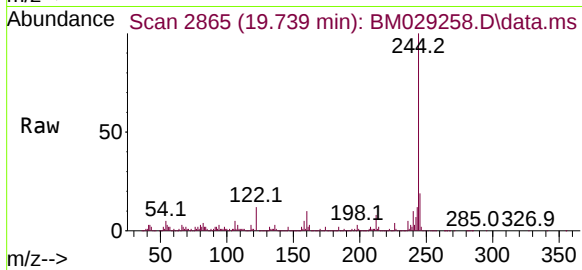
Tgt Ion:244 Resp: 908059

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 12.1 9.2 13.8



#80

Butylbenzylphthalate

Concen: 48.71 ng

RT: 20.439 min Scan# 2984

Delta R.T. 0.005 min

Lab File: BM029258.D

Acq: 29 Mar 2021 23:34

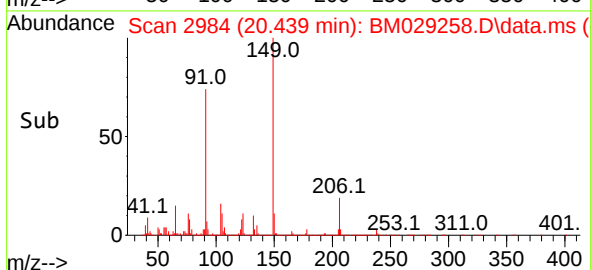
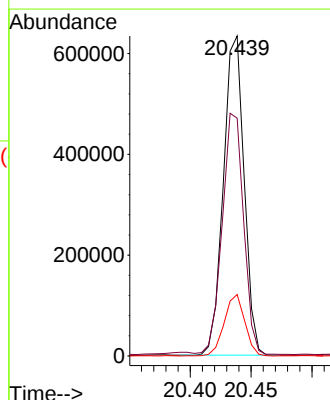
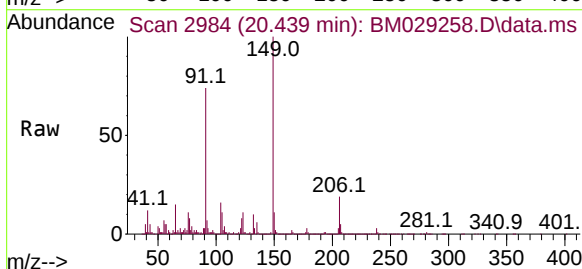
Tgt Ion:149 Resp: 751812

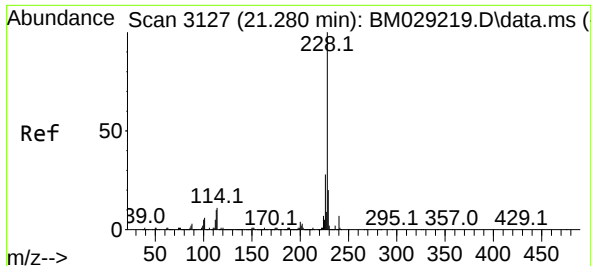
Ion Ratio Lower Upper

149 100

91 74.3 60.5 90.7

206 19.2 15.7 23.5

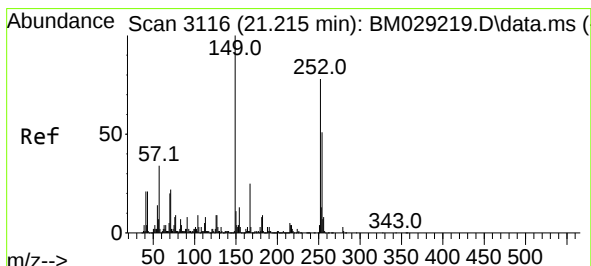
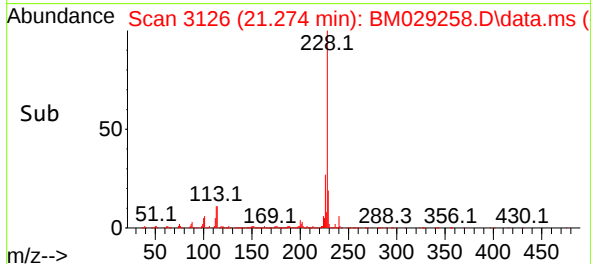
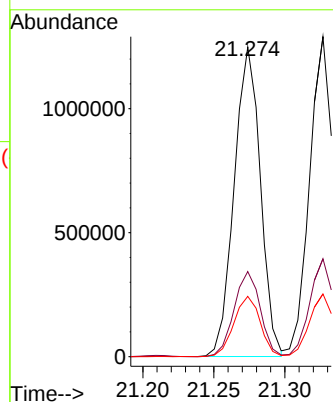
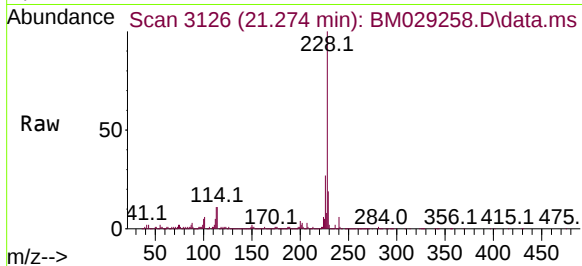




#81  
Benzo(a)anthracene  
Concen: 40.91 ng  
RT: 21.274 min Scan# 3126  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

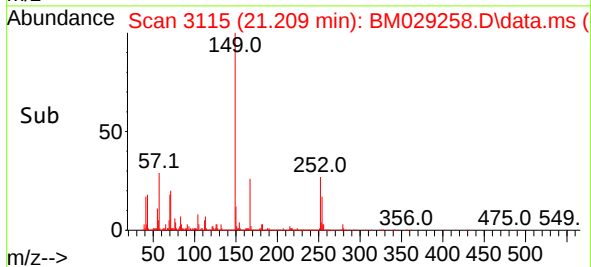
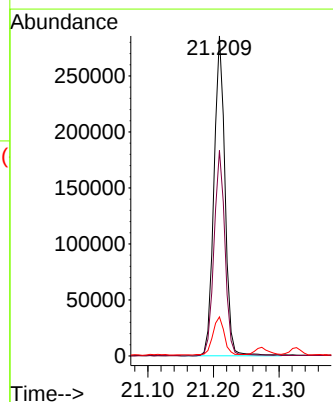
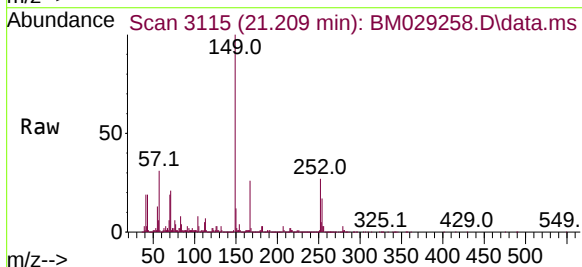
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

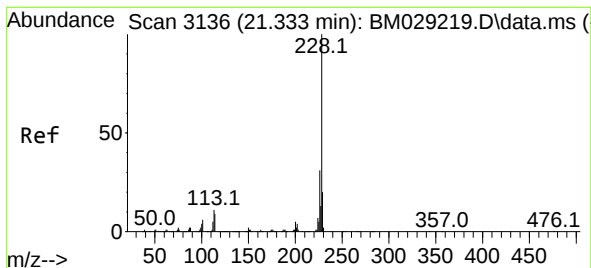
Tgt Ion:228 Resp: 1601633  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.9 32.9  
229 19.5 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 28.53 ng  
RT: 21.209 min Scan# 3115  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:252 Resp: 333818  
Ion Ratio Lower Upper  
252 100  
254 64.2 52.6 78.8  
126 12.2 10.8 16.2





#83

Chrysene

Concen: 38.65 ng

RT: 21.327 min Scan# 3135

Delta R.T. 0.005 min

Lab File: BM029258.D

Acq: 29 Mar 2021 23:34

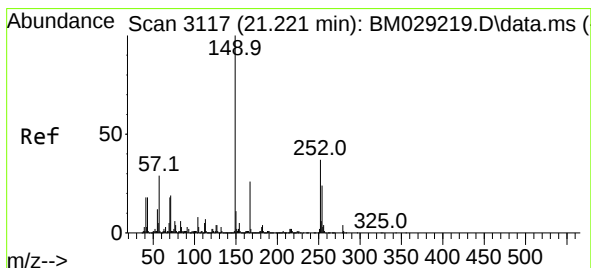
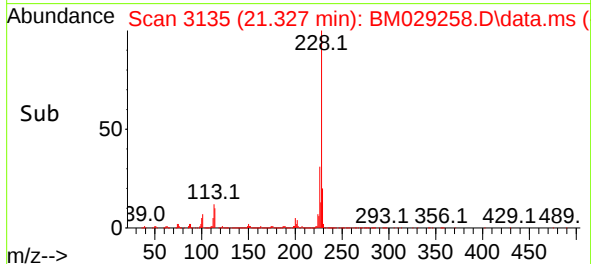
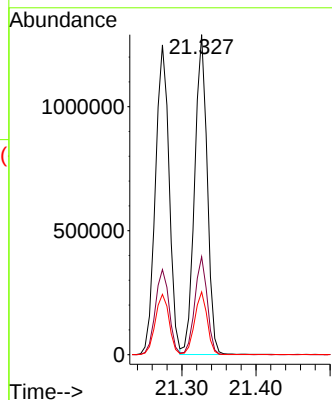
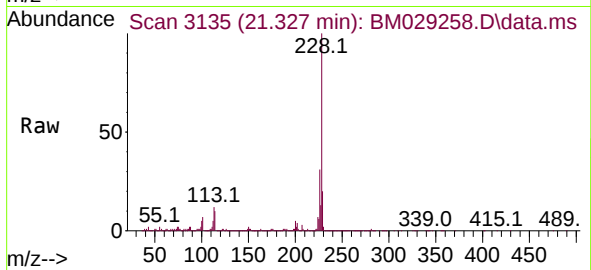
Tgt Ion:228 Resp: 1514109

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.93 ng

RT: 21.209 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM029258.D

Acq: 29 Mar 2021 23:34

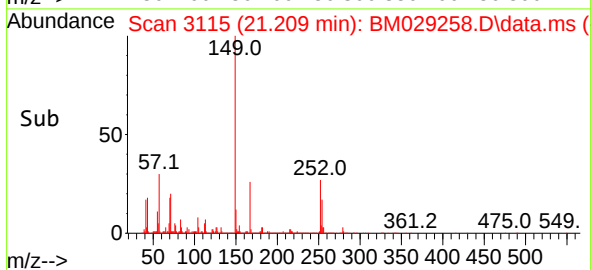
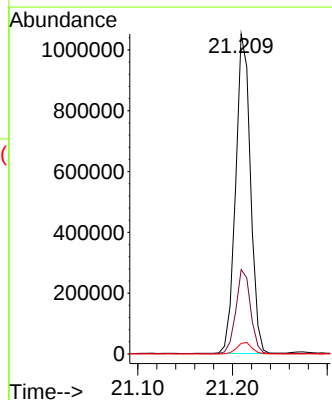
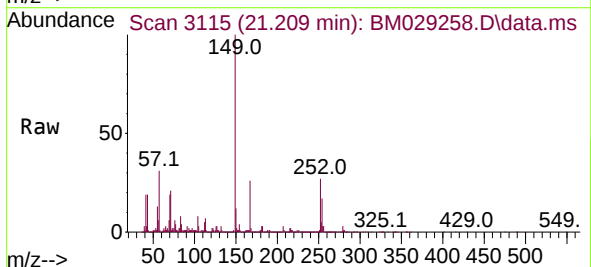
Tgt Ion:149 Resp: 1139030

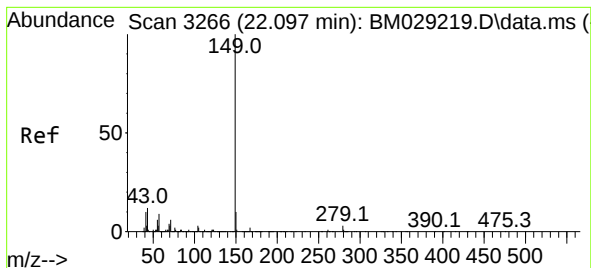
Ion Ratio Lower Upper

149 100

167 26.3 20.6 31.0

279 3.3 3.3 4.9

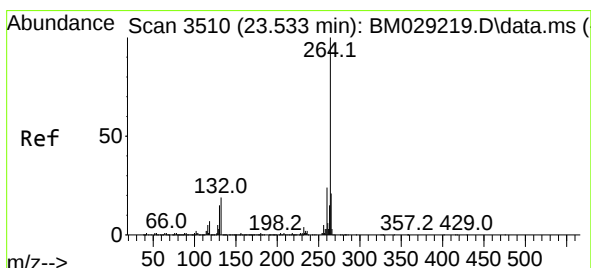
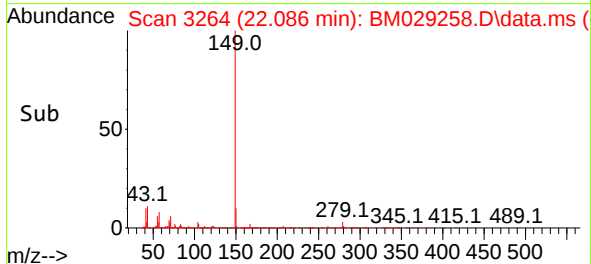
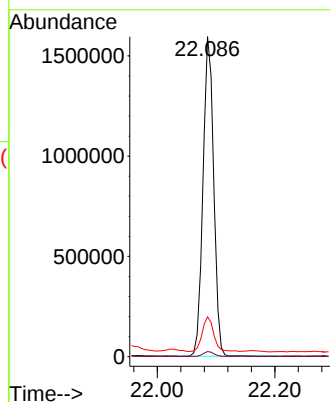
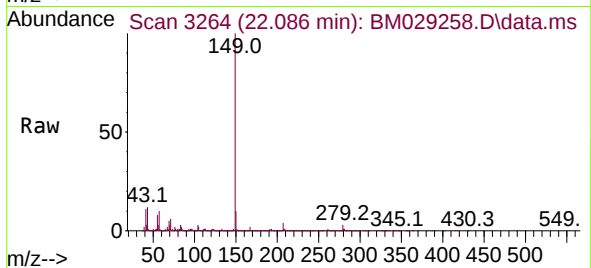




#85  
Di-n-octyl phthalate  
Concen: 54.56 ng  
RT: 22.086 min Scan# 3264  
Delta R.T. -0.000 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

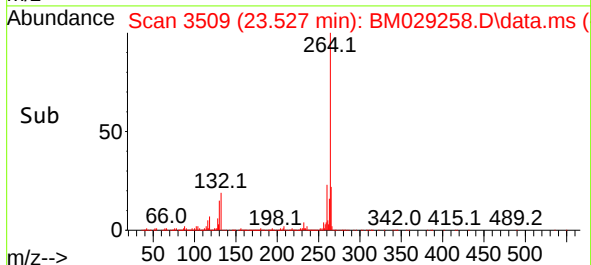
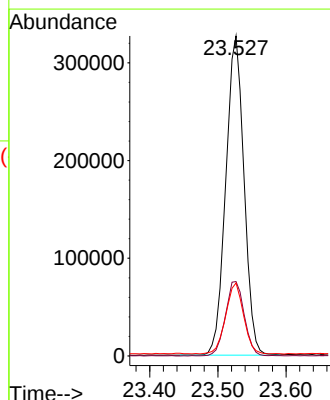
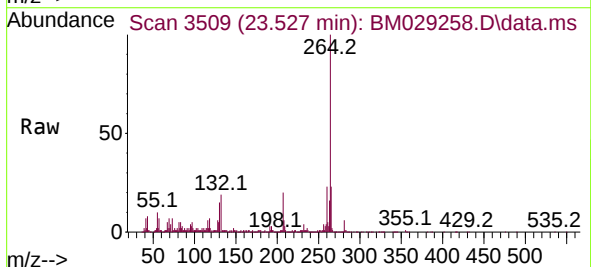
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

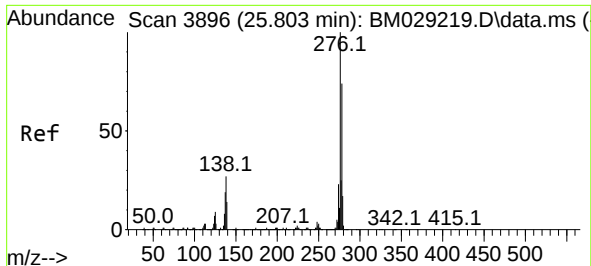
Tgt Ion:149 Resp: 2015673  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.9 9.8 14.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.527 min Scan# 3509  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:264 Resp: 608114  
Ion Ratio Lower Upper  
264 100  
260 23.3 19.6 29.4  
265 22.8 17.8 26.8

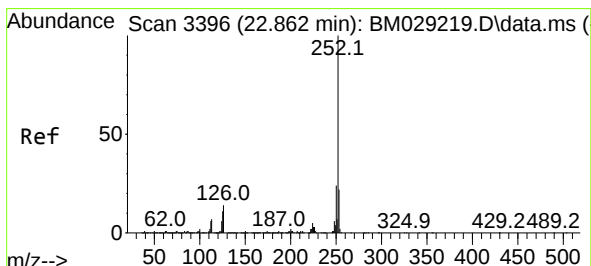
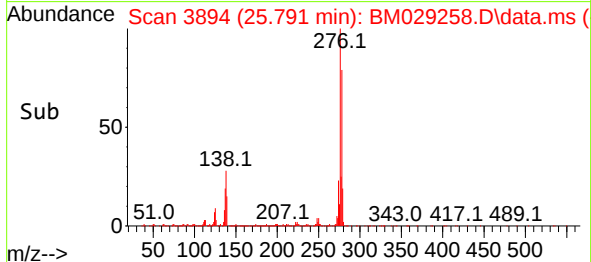
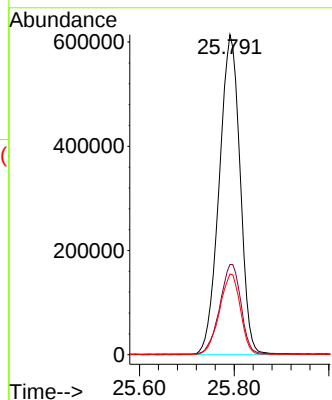
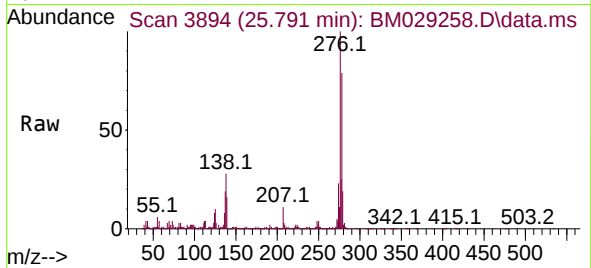




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.15 ng  
RT: 25.791 min Scan# 3894  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

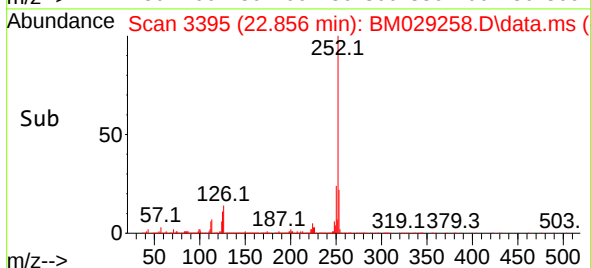
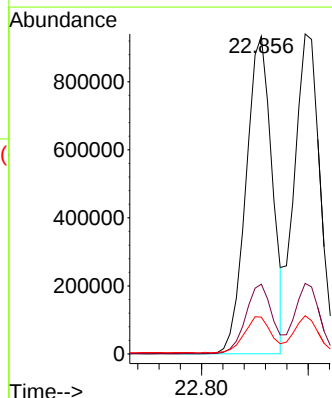
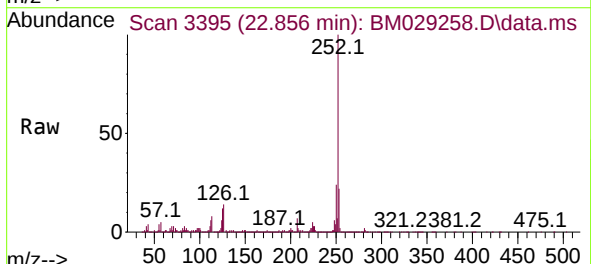
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

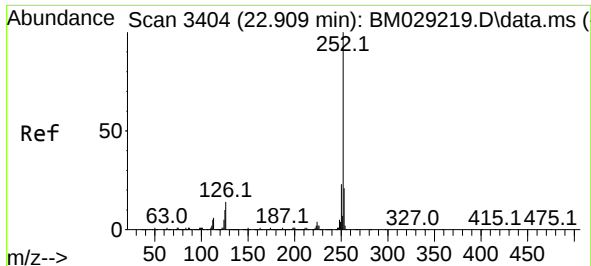
Tgt Ion:276 Resp: 1874805  
Ion Ratio Lower Upper  
276 100  
138 28.4 22.6 34.0  
277 25.3 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 40.07 ng  
RT: 22.856 min Scan# 3395  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:252 Resp: 1585131  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 11.6 9.0 13.4

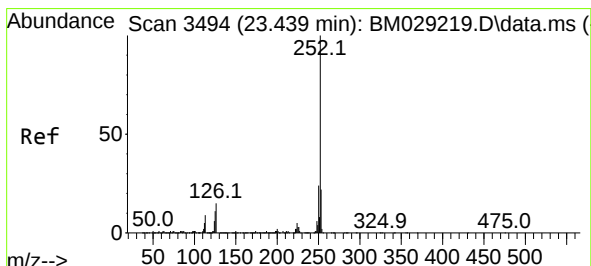
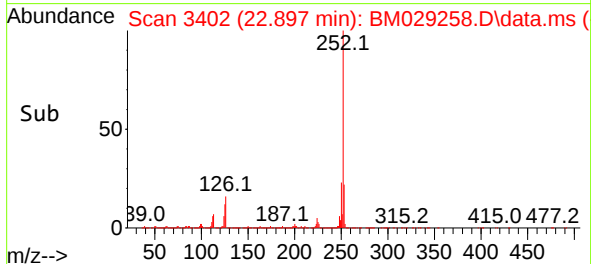
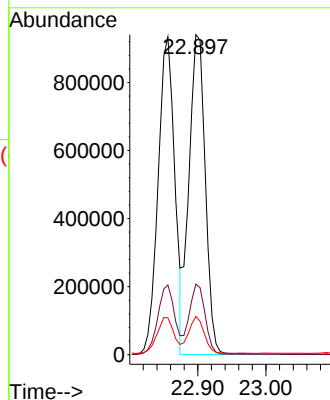
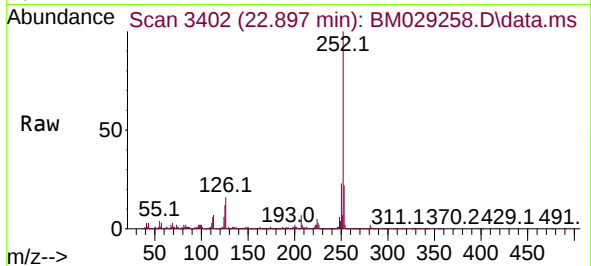




#89  
Benzo(k)fluoranthene  
Concen: 40.43 ng  
RT: 22.897 min Scan# 3402  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

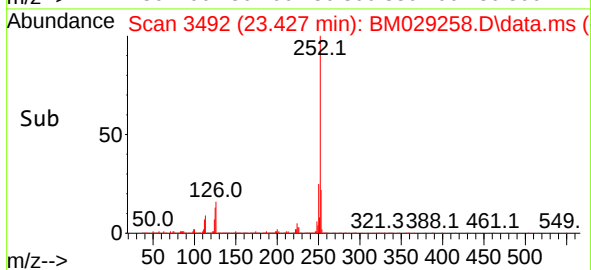
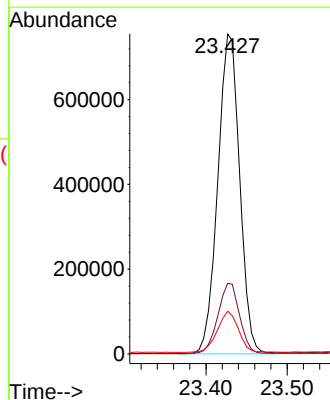
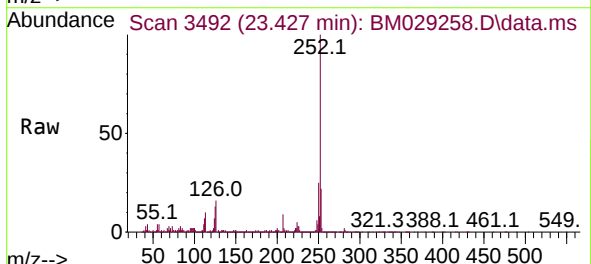
Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

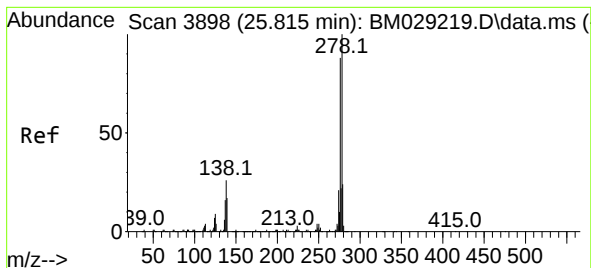
Tgt Ion:252 Resp: 1554153  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 12.0 8.7 13.1



#90  
Benzo(a)pyrene  
Concen: 39.45 ng  
RT: 23.427 min Scan# 3492  
Delta R.T. 0.005 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:252 Resp: 1413874  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.0 25.4  
125 13.3 9.5 14.3

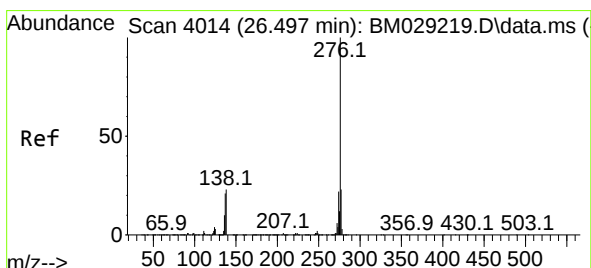
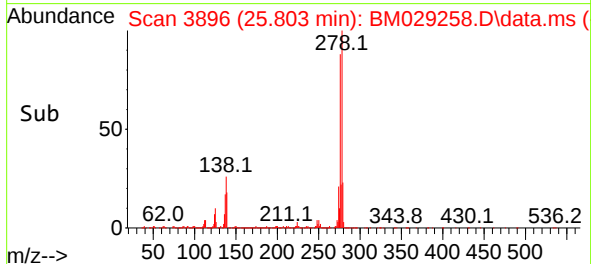
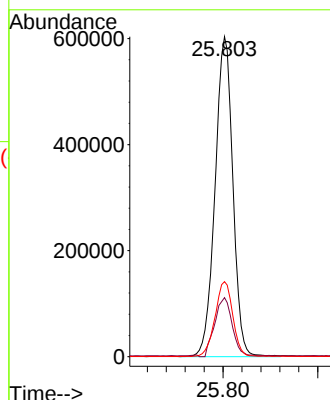
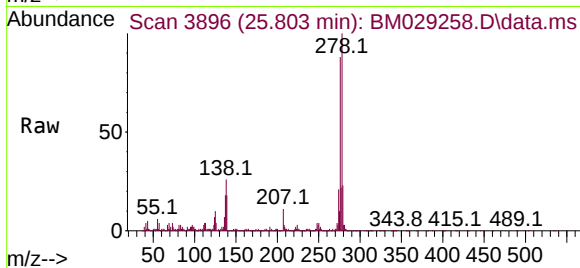




#91  
Dibenzo(a,h)anthracene  
Concen: 41.30 ng  
RT: 25.803 min Scan# 3896  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB13(25-26)MSD

Tgt Ion:278 Resp: 1572584  
Ion Ratio Lower Upper  
278 100  
139 18.5 14.8 22.2  
279 23.5 19.3 28.9



#92  
Benzo(g,h,i)perylene  
Concen: 40.55 ng  
RT: 26.485 min Scan# 4012  
Delta R.T. 0.011 min  
Lab File: BM029258.D  
Acq: 29 Mar 2021 23:34

Tgt Ion:276 Resp: 1512595  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.7 28.1  
138 24.1 19.0 28.4

