

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
 Data File : BM029263.D  
 Acq On : 30 Mar 2021 02:35  
 Operator : CG/JU  
 Sample : M1786-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

Quant Time: Mar 30 05:19:45 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  | 121311   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.539 | 136  | 451575   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.386 | 164  | 250091   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.121 | 188  | 485147   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.292 | 240  | 562227   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.533 | 264  | 589748   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 824951   | 117.22 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.940  | 99   | 1050576  | 104.03 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 8.910  | 82   | 741816   | 79.76  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.874 | 330  | 253983   | 109.66 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.010 | 172  | 1401759  | 79.50  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.745 | 244  | 1903355  | 68.01  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.305  | 88   | 123569   | 38.63  | ng    | 98       |
| 3) Pyridine                   | 3.693  | 79   | 345989   | 44.87  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.604  | 42   | 179520   | 51.88  | ng    | 93       |
| 6) Aniline                    | 7.092  | 93   | 143676   | 13.13  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.328  | 128  | 366198   | 46.11  | ng    | 99       |
| 9) Benzaldehyde               | 6.904  | 77   | 292354   | 46.10  | ng    | 100      |
| 10) Phenol                    | 6.969  | 94   | 465477   | 46.65  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.187  | 93   | 346070   | 48.47  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.651  | 146  | 408787   | 46.02  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.792  | 146  | 418515   | 46.46  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.110  | 146  | 393922   | 45.50  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.998  | 79   | 317414   | 43.45  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.281  | 45   | 499035   | 45.59  | ng    | 99       |
| 17) 2-Methylphenol            | 8.204  | 107  | 298899   | 46.62  | ng    | 99       |
| 18) Hexachloroethane          | 8.834  | 117  | 159947   | 48.87  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.563  | 70   | 292872   | 44.95  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.534  | 107  | 393509   | 45.86  | ng    | 100      |
| 22) Acetophenone              | 8.575  | 105  | 533353   | 47.18  | ng    | 99       |
| 24) Nitrobenzene              | 8.951  | 77   | 436190   | 44.93  | ng    | 99       |
| 25) Isophorone                | 9.475  | 82   | 756131   | 47.33  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.657  | 139  | 185090   | 57.18  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.728  | 122  | 320006   | 51.57  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.957  | 93   | 444671   | 52.64  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.192 | 162  | 284802   | 42.21  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.404 | 180  | 352870   | 46.06  | ng    | 98       |
| 31) Naphthalene               | 10.592 | 128  | 1061180  | 44.58  | ng    | 99       |
| 32) Benzoic acid              | 9.881  | 122  | 215090   | 53.05  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.704 | 127  | 56814    | 6.04   | ng    | 95       |
| 34) Hexachlorobutadiene       | 10.875 | 225  | 209486   | 47.07  | ng    | 98       |
| 35) Caprolactam               | 11.480 | 113  | 68114    | 32.49  | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 11.833 | 107  | 326224   | 45.28  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.204 | 142  | 743708   | 44.68  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.422 | 142  | 686574   | 43.37  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.574 | 216  | 350302   | 49.98  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.557 | 237  | 264006   | 68.65  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.822 | 196  | 231458   | 50.73  | ng    | 99       |

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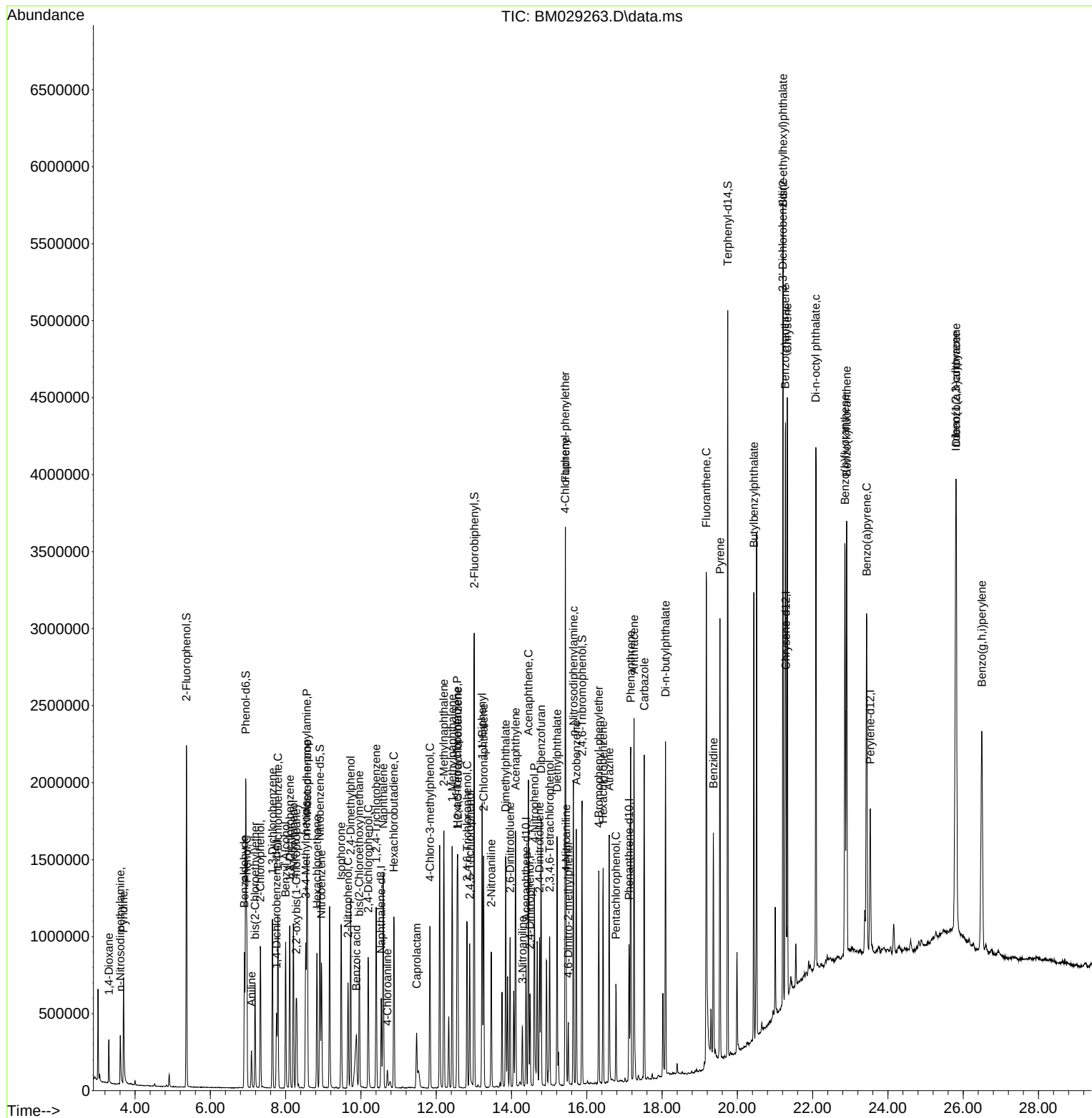
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.892 | 196  | 236924   | 46.71 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.222 | 154  | 909315   | 47.83 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.257 | 162  | 701535   | 46.86 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.463 | 65   | 235877   | 48.17 | ng    | 99       |
| 49) Acenaphthylene            | 14.110 | 152  | 1145935  | 50.32 | ng    | 99       |
| 50) Dimethylphthalate         | 13.845 | 163  | 867225   | 49.62 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.963 | 165  | 179459   | 47.47 | ng    | 99       |
| 52) Acenaphthene              | 14.451 | 154  | 683395   | 47.22 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.292 | 138  | 83376    | 21.79 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.492 | 184  | 105319   | 49.91 | ng    | 96       |
| 55) Dibenzofuran              | 14.786 | 168  | 1009395  | 44.33 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.610 | 139  | 337951   | 96.66 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.745 | 165  | 240869   | 43.77 | ng    | 99       |
| 58) Fluorene                  | 15.433 | 166  | 838238   | 45.41 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.015 | 232  | 161440   | 38.84 | ng    | 98       |
| 60) Diethylphthalate          | 15.210 | 149  | 846391   | 49.16 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.427 | 204  | 394430   | 46.31 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.451 | 138  | 178366   | 39.77 | ng    | 100      |
| 63) Azobenzene                | 15.721 | 77   | 917781   | 46.64 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 198  | 73593    | 27.64 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.645 | 169  | 710029   | 45.72 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.321 | 248  | 220543   | 49.59 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.433 | 284  | 240441   | 45.95 | ng    | 98       |
| 69) Atrazine                  | 16.598 | 200  | 254007   | 51.80 | ng    | 98       |
| 70) Pentachlorophenol         | 16.774 | 266  | 88098    | 27.33 | ng    | 97       |
| 71) Phenanthrene              | 17.168 | 178  | 1257388  | 44.69 | ng    | 99       |
| 72) Anthracene                | 17.257 | 178  | 1317989  | 48.22 | ng    | 100      |
| 73) Carbazole                 | 17.527 | 167  | 1208670  | 44.94 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.092 | 149  | 1455036  | 56.09 | ng    | 99       |
| 75) Fluoranthene              | 19.174 | 202  | 1543542  | 49.66 | ng    | 99       |
| 77) Benzidine                 | 19.362 | 184  | 793726   | 48.87 | ng    | 100      |
| 78) Pyrene                    | 19.539 | 202  | 1606709  | 42.21 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.439 | 149  | 762949   | 52.45 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.274 | 228  | 1755404  | 47.84 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.209 | 252  | 459208   | 41.87 | ng    | 98       |
| 83) Chrysene                  | 21.327 | 228  | 1643515  | 44.77 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.215 | 149  | 1187461  | 56.26 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.086 | 149  | 2178599  | 62.31 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.803 | 276  | 2014696  | 46.71 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 22.862 | 252  | 1756383  | 45.78 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.903 | 252  | 1662712  | 44.60 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.438 | 252  | 1543149  | 44.40 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 25.815 | 278  | 1692845  | 45.85 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 26.497 | 276  | 1632348  | 45.12 | ng    | 99       |

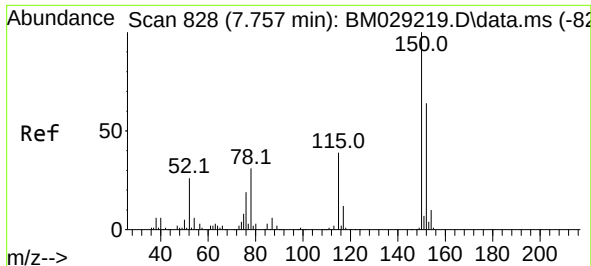
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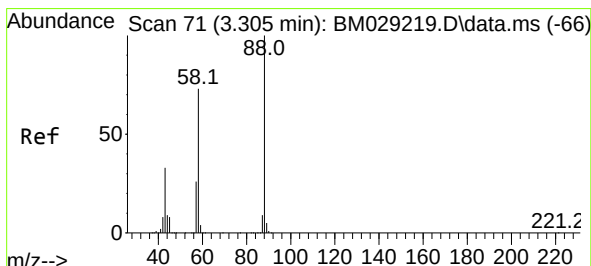
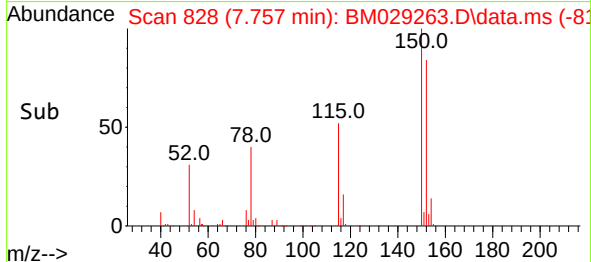
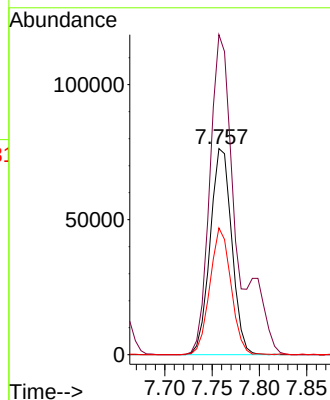
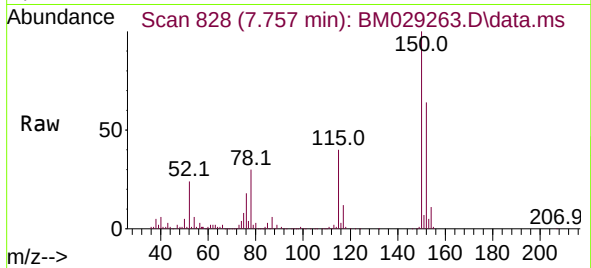




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.757 min Scan# 828  
Delta R.T. 0.005 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

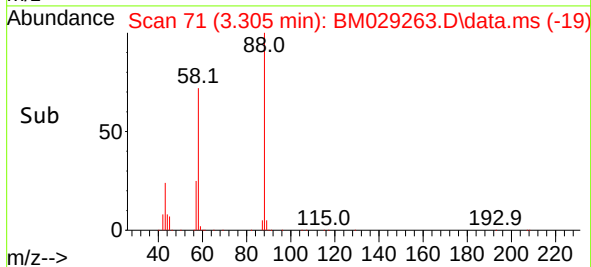
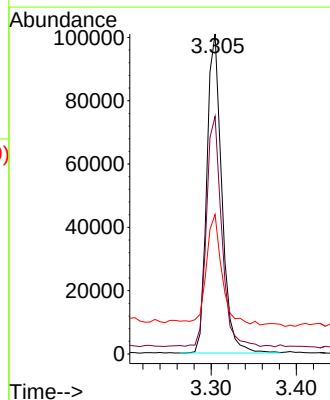
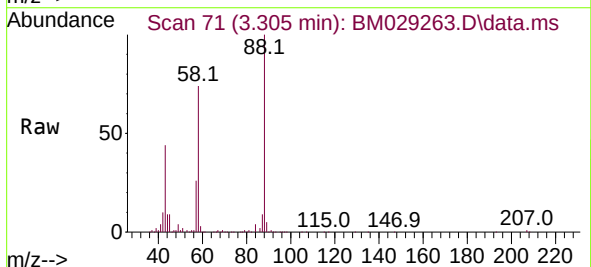
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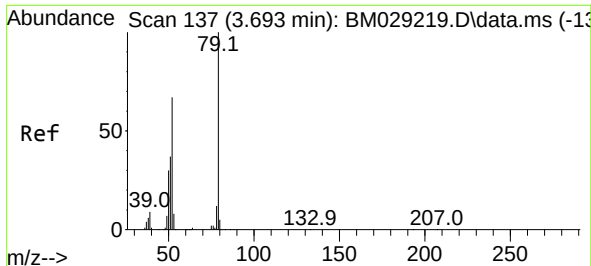
Tgt Ion:152 Resp: 121311  
Ion Ratio Lower Upper  
152 100  
150 155.3 124.3 186.5  
115 61.5 46.4 69.6



#2  
1,4-Dioxane  
Concen: 38.63 ng  
RT: 3.305 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion: 88 Resp: 123569  
Ion Ratio Lower Upper  
88 100  
58 73.8 59.9 89.9  
43 34.7 26.2 39.4

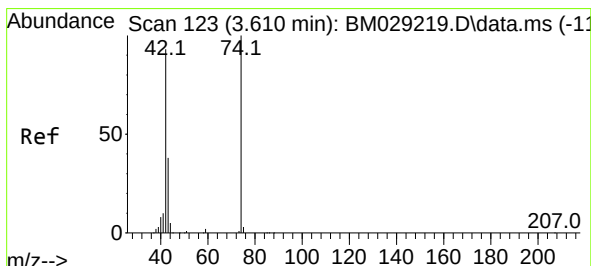
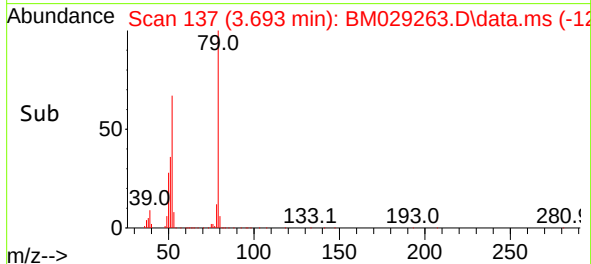
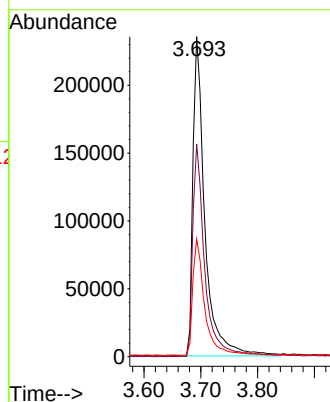
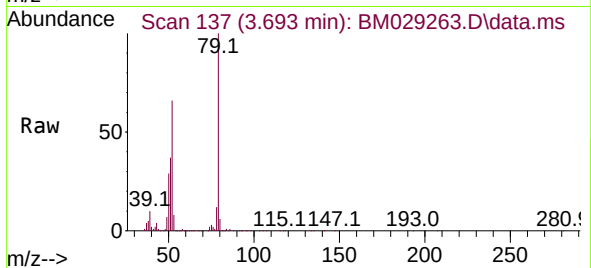




#3  
Pyridine  
Concen: 44.87 ng  
RT: 3.693 min Scan# 137  
Delta R.T. -0.000 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

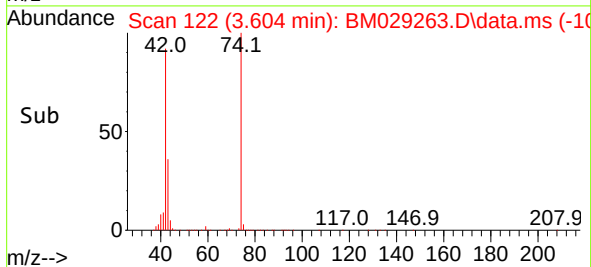
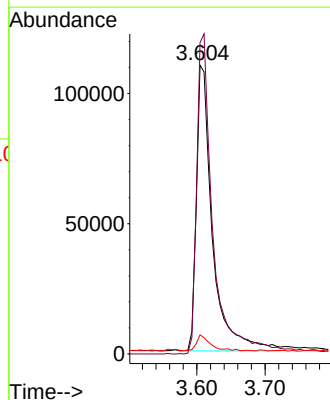
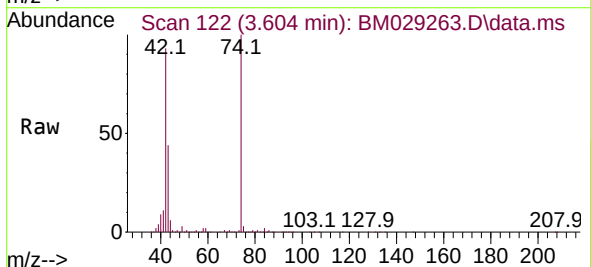
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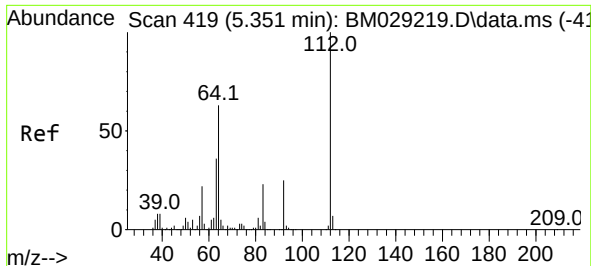
Tgt Ion: 79 Resp: 345989  
Ion Ratio Lower Upper  
79 100  
52 66.4 53.2 79.8  
51 36.7 29.8 44.8



#4  
n-Nitrosodimethylamine  
Concen: 51.88 ng  
RT: 3.604 min Scan# 122  
Delta R.T. -0.000 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion: 42 Resp: 179520  
Ion Ratio Lower Upper  
42 100  
74 107.9 80.6 121.0  
44 6.6 5.4 8.0

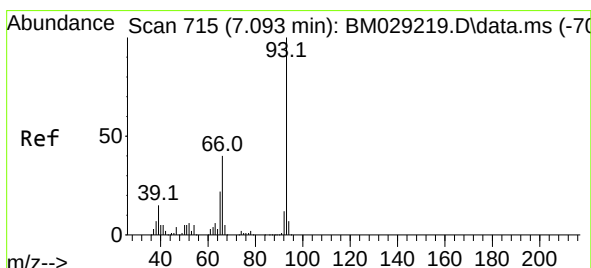
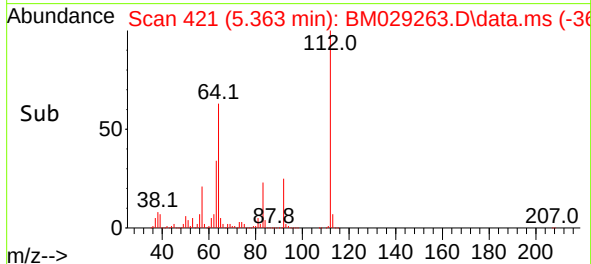
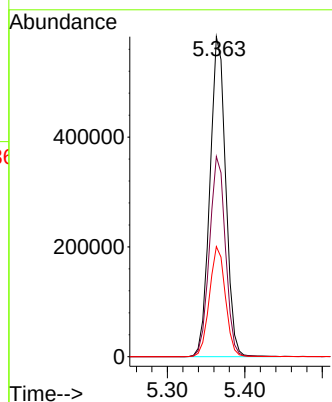
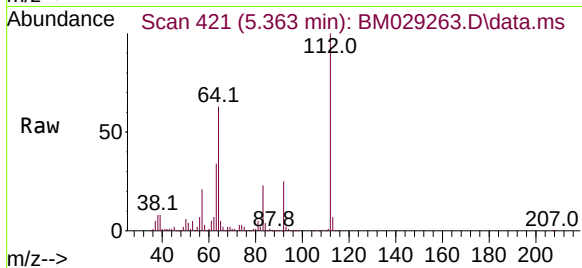




#5  
2-Fluorophenol  
Concen: 117.22 ng  
RT: 5.363 min Scan# 421  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
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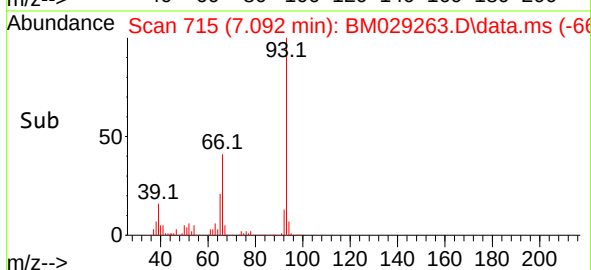
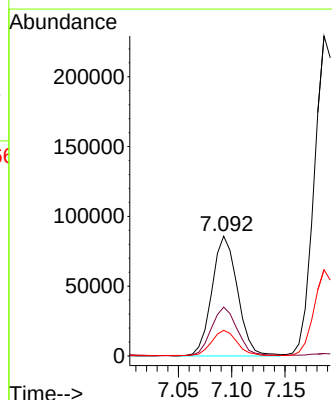
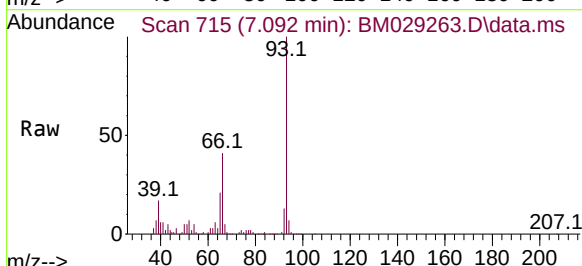
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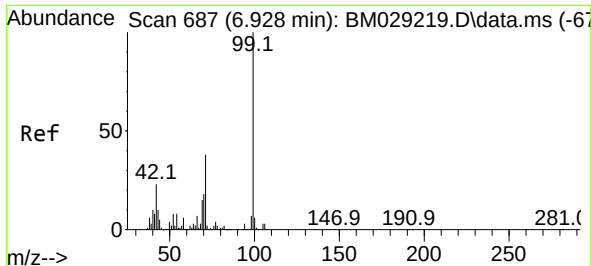
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 824951 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 62.6  | 51.6  | 77.4   |
| 63       | 34.4  | 29.0  | 43.4   |



#6  
Aniline  
Concen: 13.13 ng  
RT: 7.092 min Scan# 715  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 143676 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 40.7  | 33.2  | 49.8   |
| 65       | 21.4  | 17.8  | 26.6   |

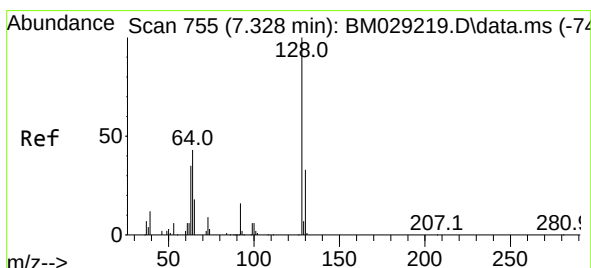
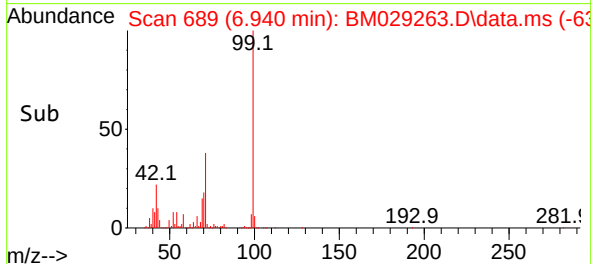
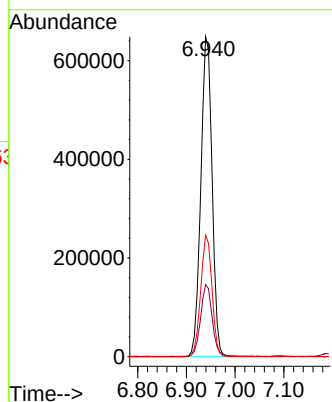
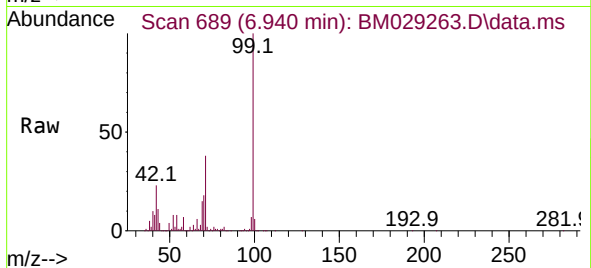




#7  
Phenol-d6  
Concen: 104.03 ng  
RT: 6.940 min Scan# 689  
Delta R.T. 0.017 min  
Lab File: BM029263.D  
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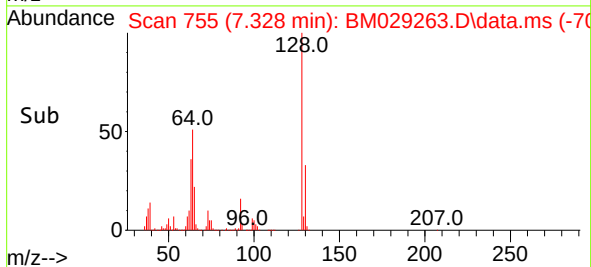
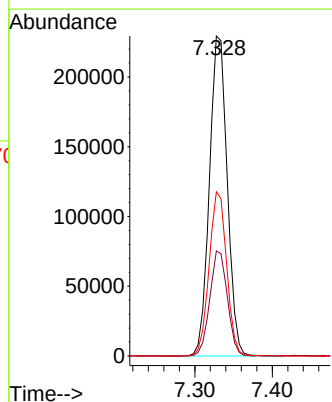
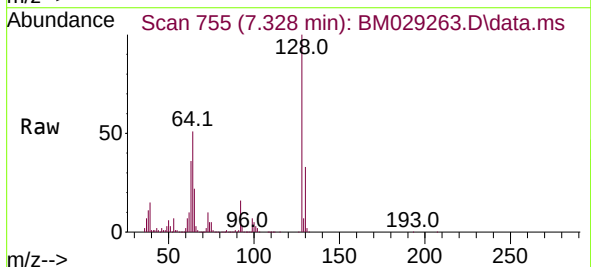
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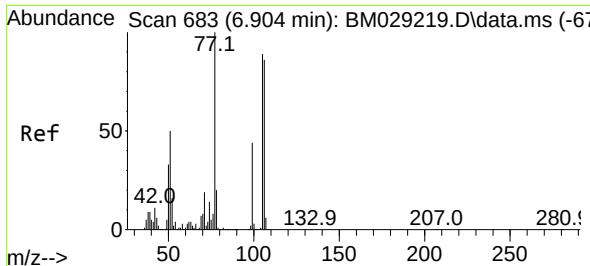
Tgt Ion: 99 Resp: 1050576  
Ion Ratio Lower Upper  
99 100  
42 22.5 18.5 27.7  
71 38.0 31.8 47.6



#8  
2-Chlorophenol  
Concen: 46.11 ng  
RT: 7.328 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion: 128 Resp: 366198  
Ion Ratio Lower Upper  
128 100  
130 32.8 13.1 53.1  
64 51.3 30.9 70.9

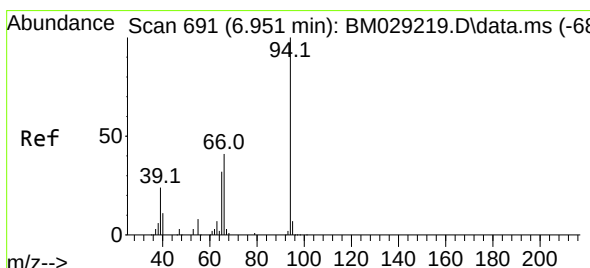
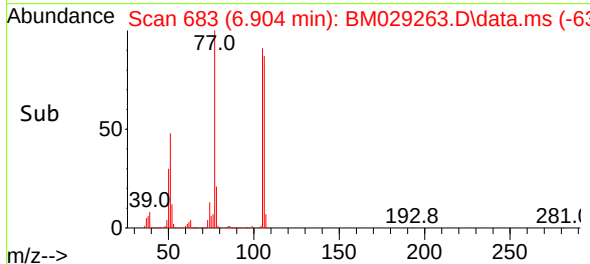
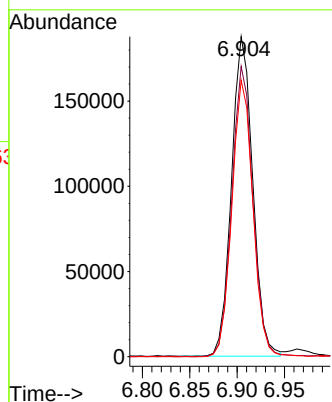
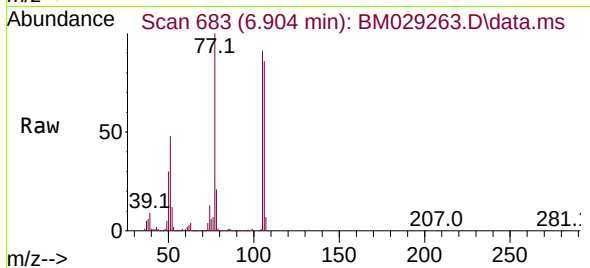




#9  
Benzaldehyde  
Concen: 46.10 ng  
RT: 6.904 min Scan# 683  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

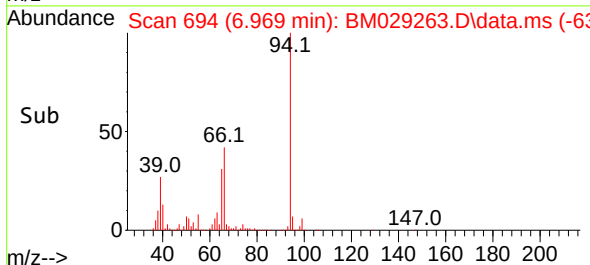
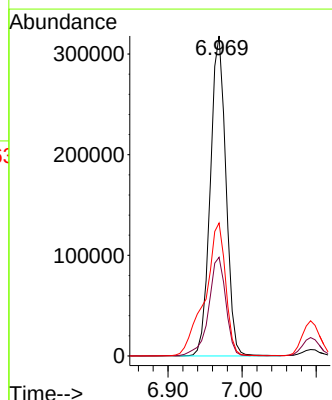
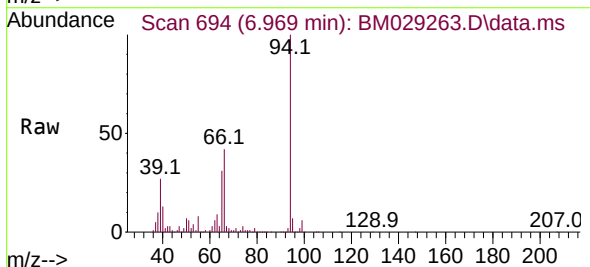
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

Tgt Ion: 77 Resp: 292354  
Ion Ratio Lower Upper  
77 100  
105 90.7 71.4 111.4  
106 86.4 66.5 106.5

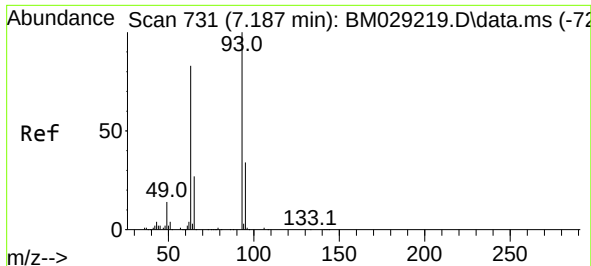


#10  
Phenol  
Concen: 46.65 ng  
RT: 6.969 min Scan# 694  
Delta R.T. 0.023 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion: 94 Resp: 465477  
Ion Ratio Lower Upper  
94 100  
65 30.9 13.0 53.0  
66 41.6 24.1 64.1



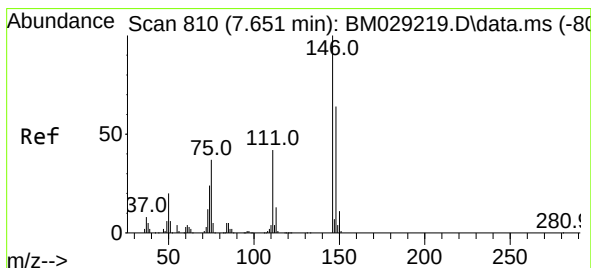
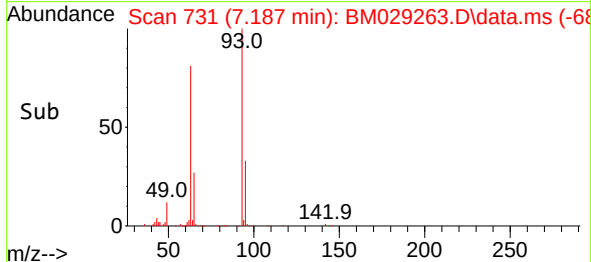
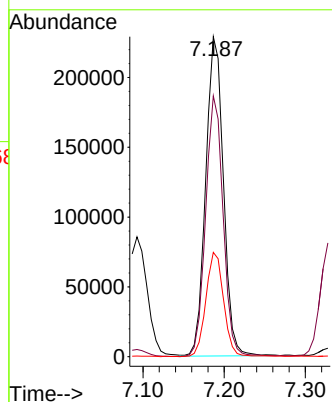
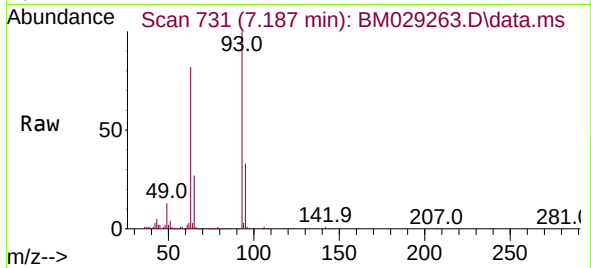




#11  
bis(2-Chloroethyl)ether  
Concen: 48.47 ng  
RT: 7.187 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

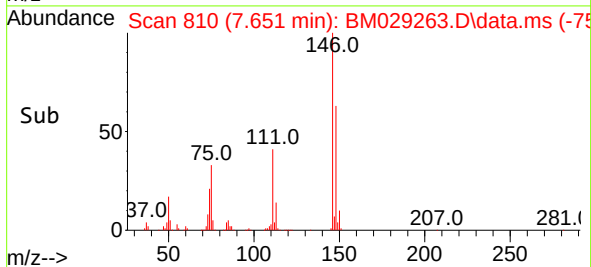
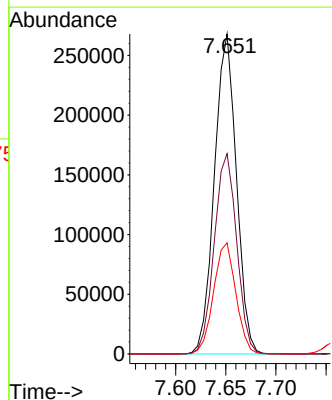
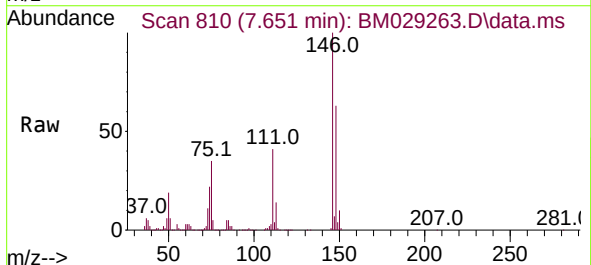
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

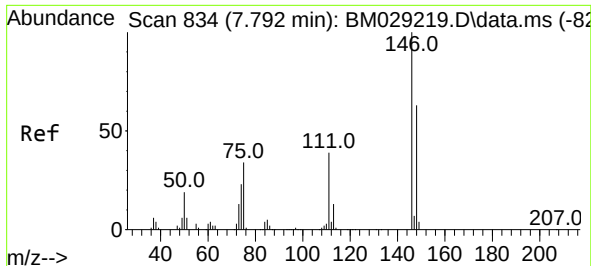
Tgt Ion: 93 Resp: 346070  
Ion Ratio Lower Upper  
93 100  
63 81.5 63.9 103.9  
95 32.6 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 46.02 ng  
RT: 7.651 min Scan# 810  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:146 Resp: 408787  
Ion Ratio Lower Upper  
146 100  
148 62.6 50.5 75.7  
75 34.8 29.7 44.5

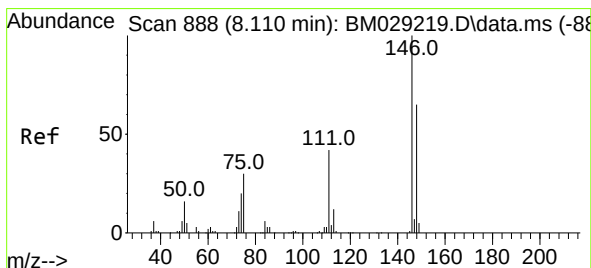
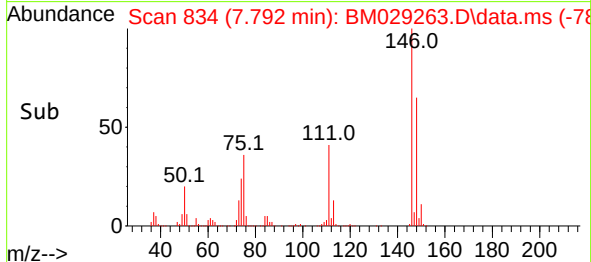
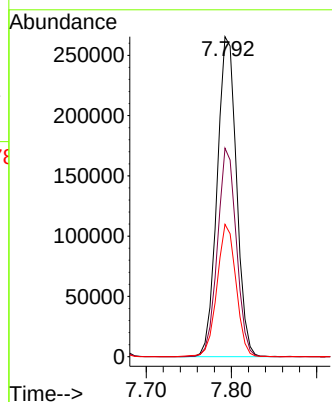
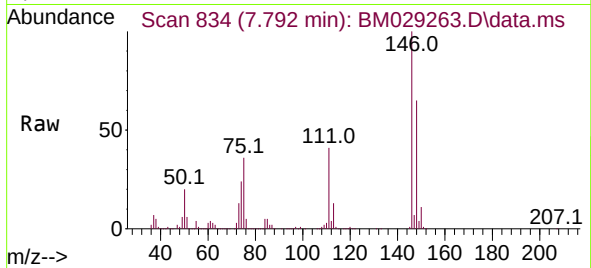




#13  
1,4-Dichlorobenzene  
Concen: 46.46 ng  
RT: 7.792 min Scan# 834  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

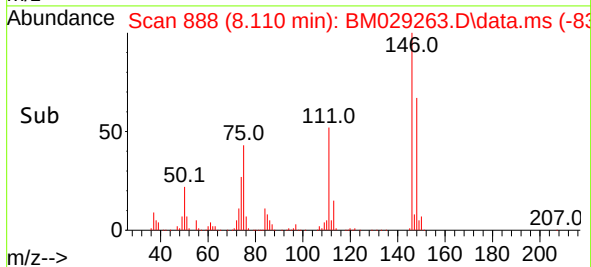
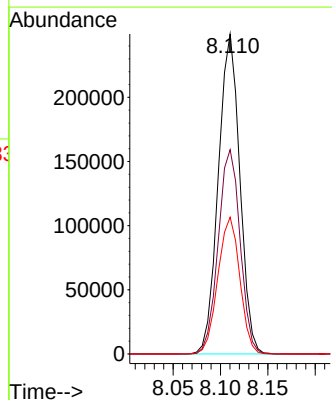
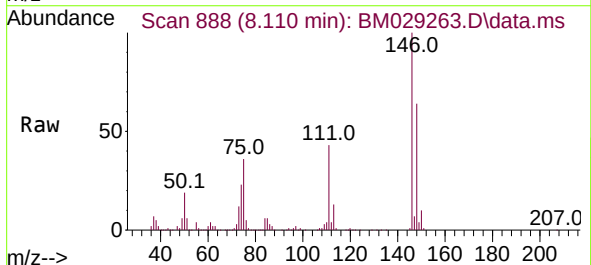
Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

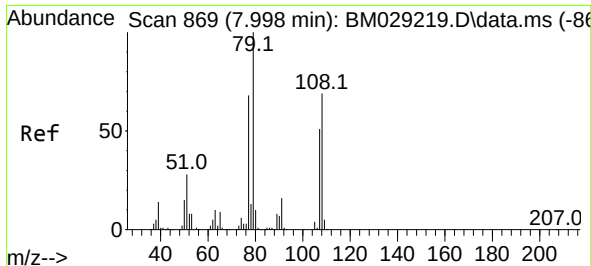
Tgt Ion:146 Resp: 418515  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.8 77.6  
111 41.4 32.8 49.2



#14  
1,2-Dichlorobenzene  
Concen: 45.50 ng  
RT: 8.110 min Scan# 888  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:146 Resp: 393922  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.2 75.4  
111 42.7 35.8 53.8





#15

Benzyl Alcohol

Concen: 43.45 ng

RT: 7.998 min Scan# 869

Delta R.T. 0.006 min

Lab File: BM029263.D

Acq: 30 Mar 2021 02:35

Instrument :

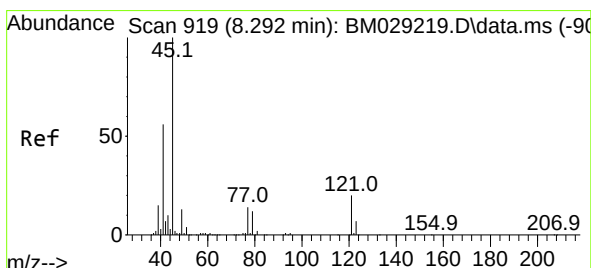
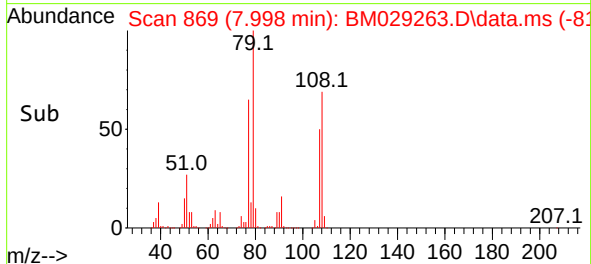
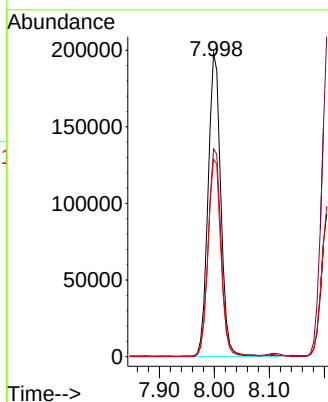
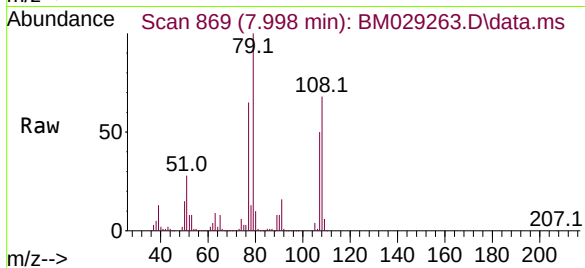
BNA\_M

ClientSampleId :

SP-1MSD

Tgt Ion: 79 Resp: 317414

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 68.5  | 56.6  | 84.8  |
| 77  | 65.1  | 54.9  | 82.3  |



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.59 ng

RT: 8.281 min Scan# 917

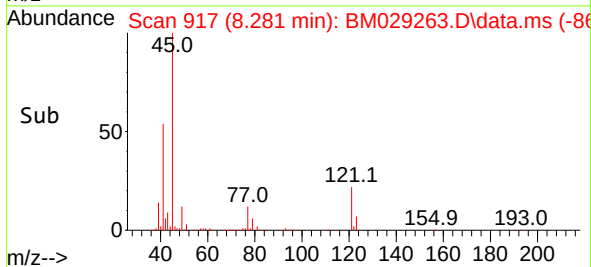
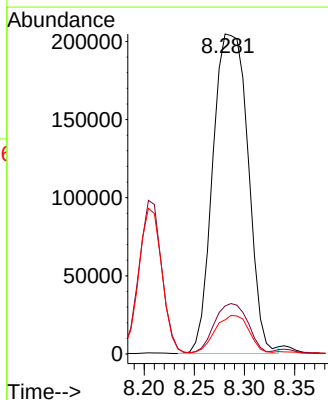
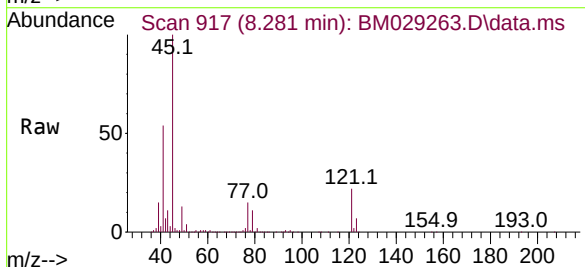
Delta R.T. 0.006 min

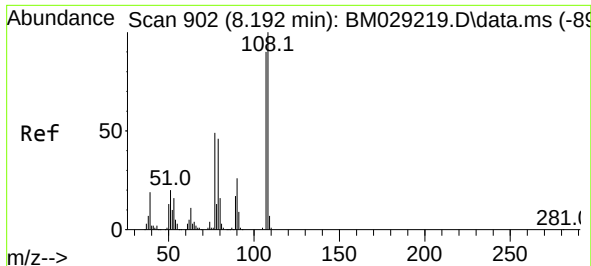
Lab File: BM029263.D

Acq: 30 Mar 2021 02:35

Tgt Ion: 45 Resp: 499035

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 15.0  | 0.0   | 34.5  |
| 79  | 10.7  | 0.0   | 30.9  |

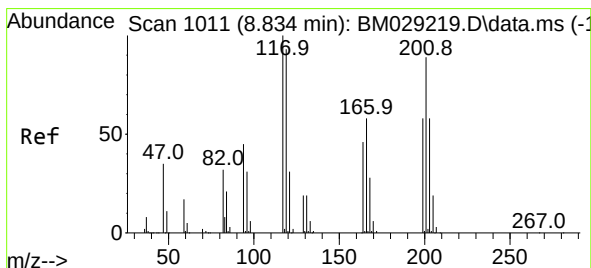
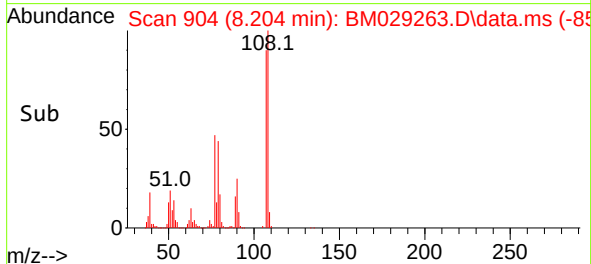
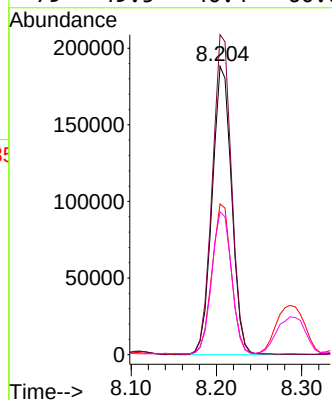
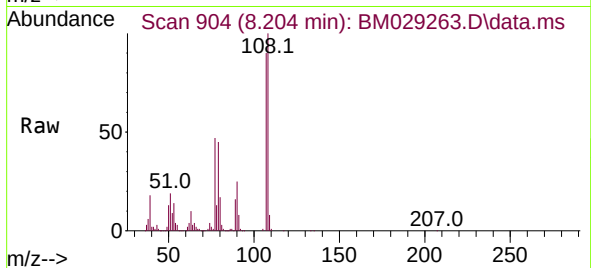




#17  
2-Methylphenol  
Concen: 46.62 ng  
RT: 8.204 min Scan# 904  
Delta R.T. 0.017 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

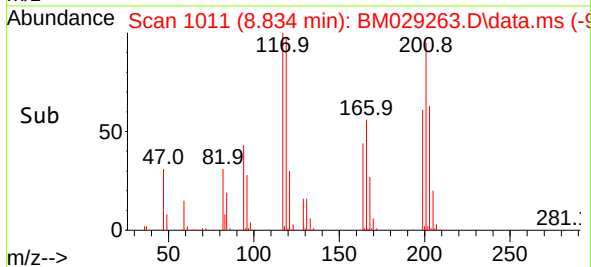
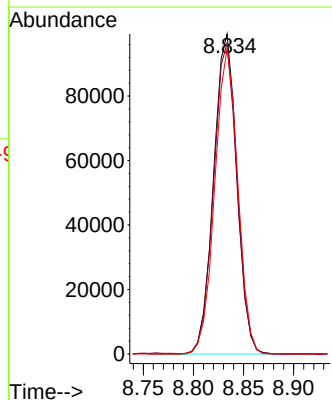
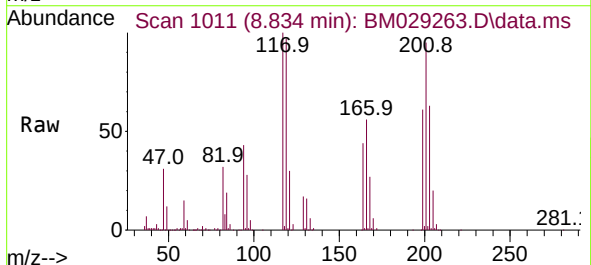
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

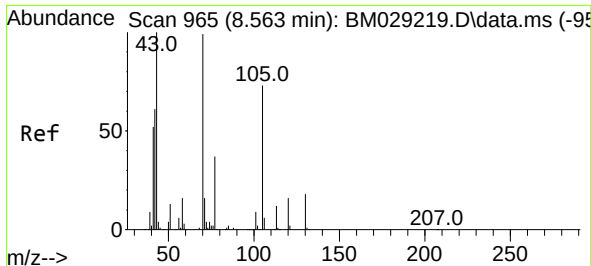
Tgt Ion:107 Resp: 298899  
Ion Ratio Lower Upper  
107 100  
108 111.0 89.8 134.6  
77 52.3 42.8 64.2  
79 49.5 40.4 60.6



#18  
Hexachloroethane  
Concen: 48.87 ng  
RT: 8.834 min Scan# 1011  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:117 Resp: 159947  
Ion Ratio Lower Upper  
117 100  
119 97.1 75.0 112.6  
201 95.4 74.6 111.8

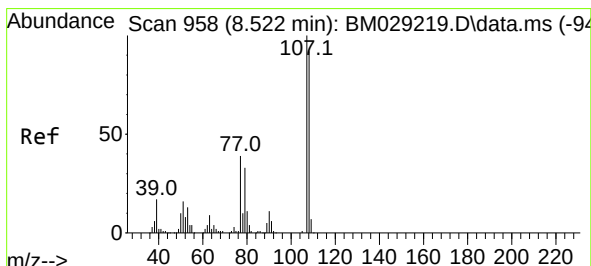
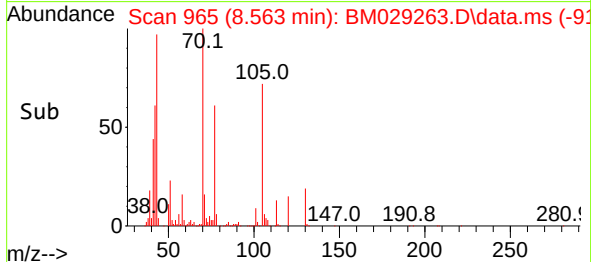
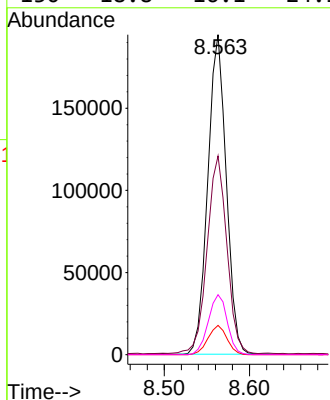
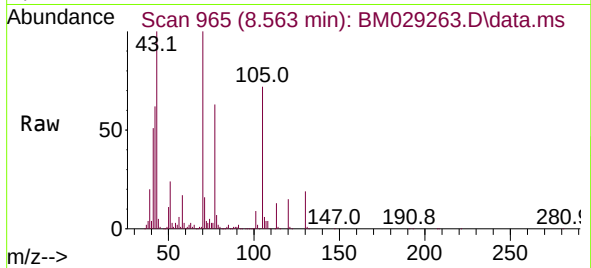




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.95 ng  
RT: 8.563 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

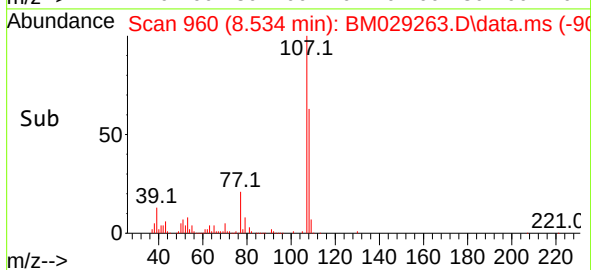
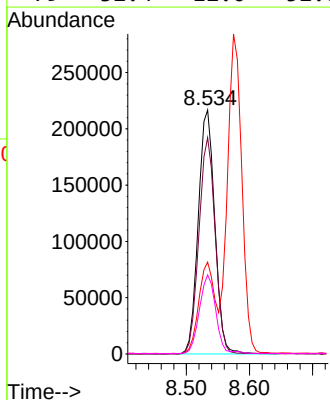
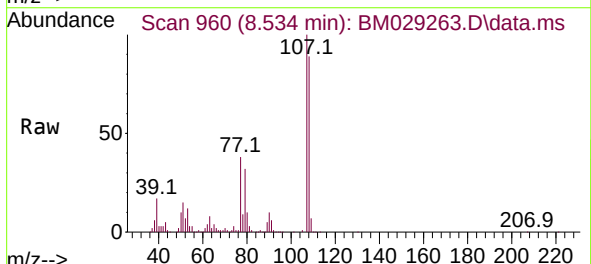
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

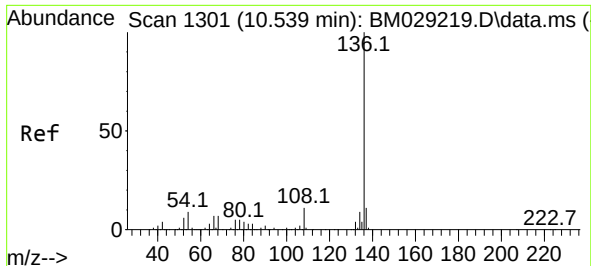
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 292872 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 62.1  | 53.3  | 79.9   |
| 101      | 9.2   | 6.7   | 10.1   |
| 130      | 18.8  | 16.1  | 24.1   |



#20  
3+4-Methylphenols  
Concen: 45.86 ng  
RT: 8.534 min Scan# 960  
Delta R.T. 0.017 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 393509 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.6  | 68.5  | 108.5  |
| 77       | 37.6  | 17.0  | 57.0   |
| 79       | 32.4  | 12.0  | 52.0   |

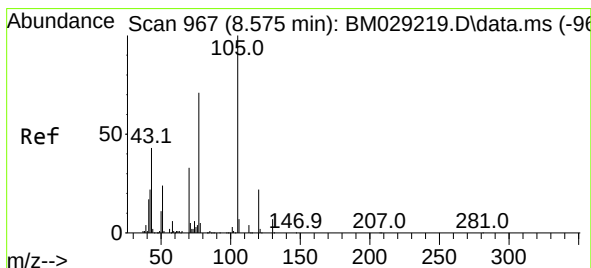
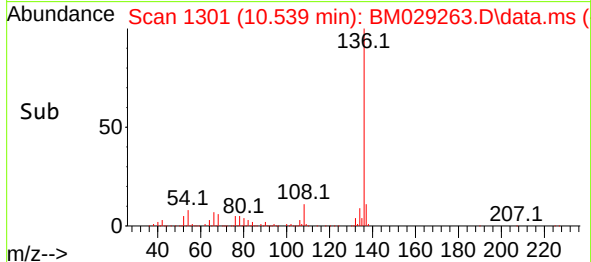
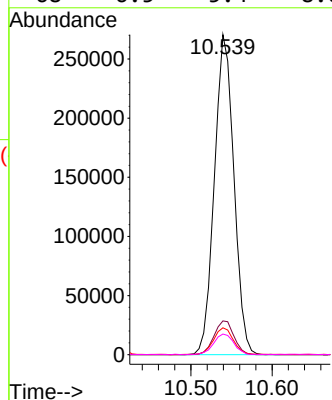
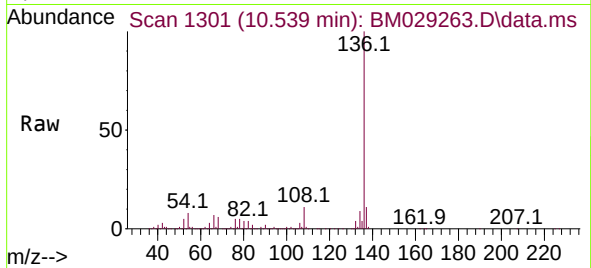




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.539 min Scan# 1301  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

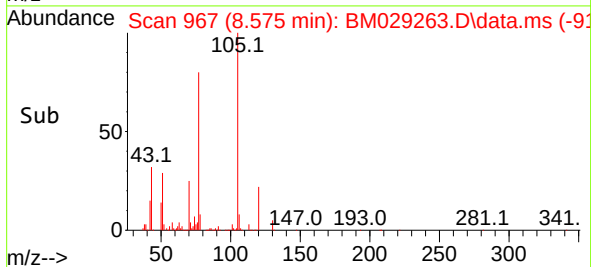
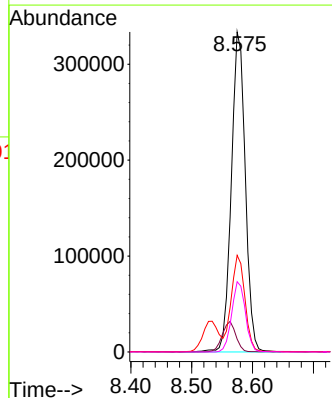
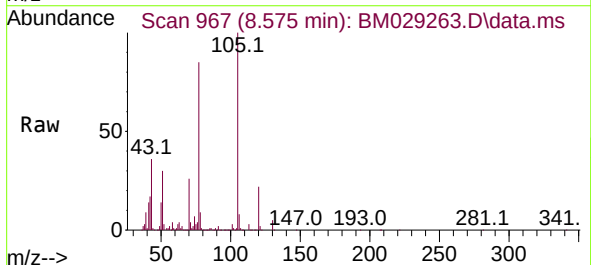
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

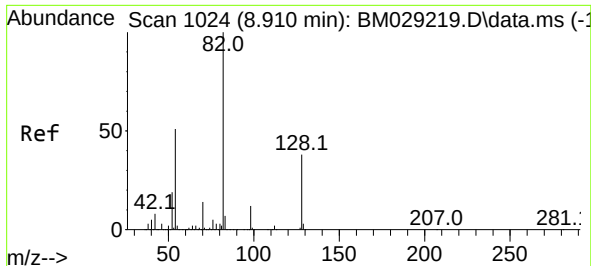
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 451575 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 9.3   | 13.9   |
| 54        | 8.4   | 6.9   | 10.3   |
| 68        | 6.5   | 5.4   | 8.0    |



#22  
Acetophenone  
Concen: 47.18 ng  
RT: 8.575 min Scan# 967  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 533353 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 4.0   | 2.8   | 4.2    |
| 51        | 30.2  | 24.7  | 37.1   |
| 120       | 22.0  | 17.4  | 26.2   |

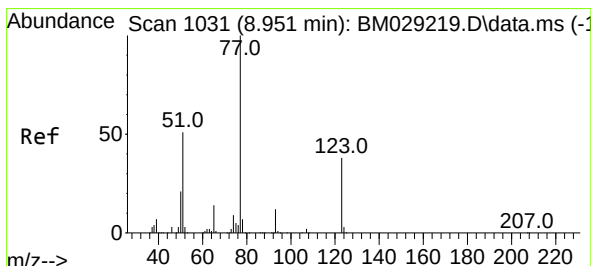
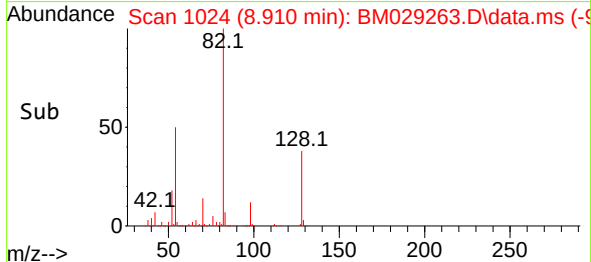
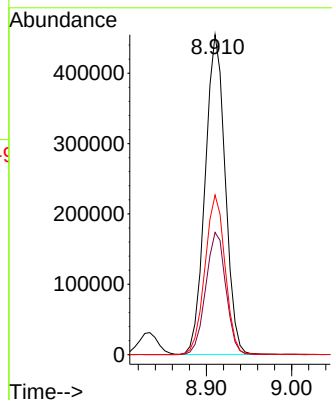
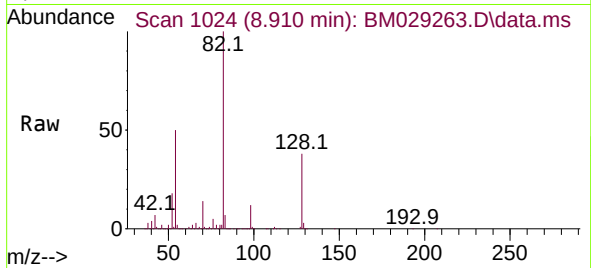




#23  
Nitrobenzene-d5  
Concen: 79.76 ng  
RT: 8.910 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

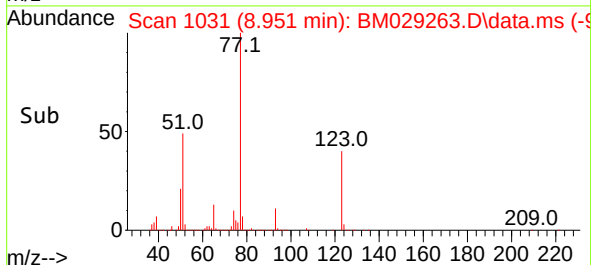
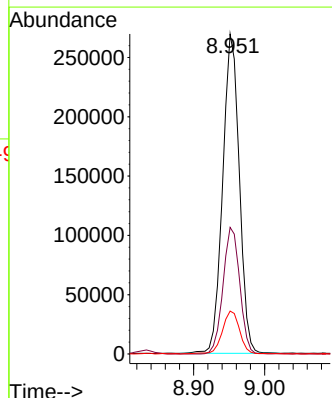
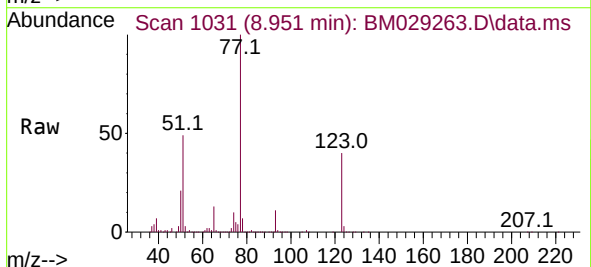
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

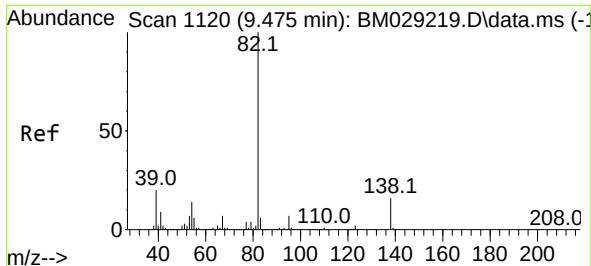
Tgt Ion: 82 Resp: 741816  
Ion Ratio Lower Upper  
82 100  
128 38.2 28.6 42.8  
54 49.9 40.7 61.1



#24  
Nitrobenzene  
Concen: 44.93 ng  
RT: 8.951 min Scan# 1031  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion: 77 Resp: 436190  
Ion Ratio Lower Upper  
77 100  
123 39.5 31.3 46.9  
65 13.4 10.8 16.2

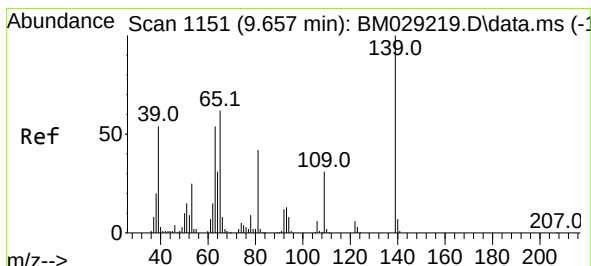
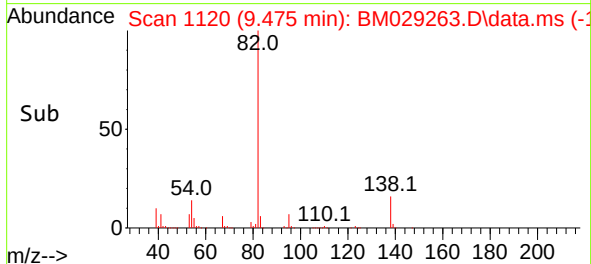
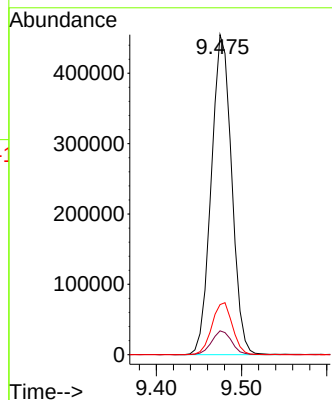
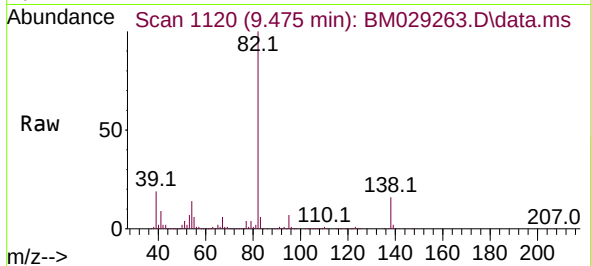




#25  
Isophorone  
Concen: 47.33 ng  
RT: 9.475 min Scan# 1120  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

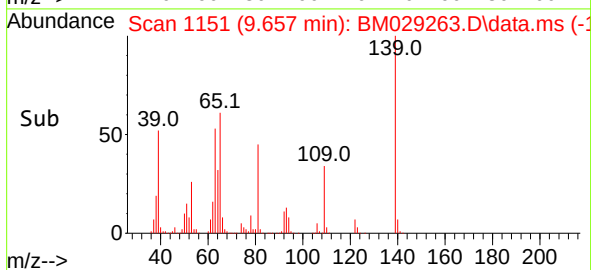
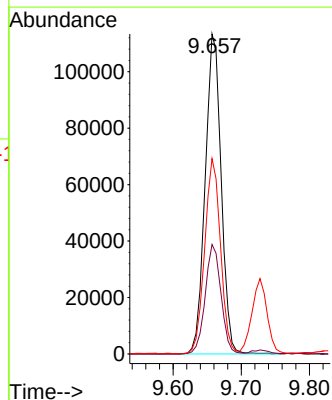
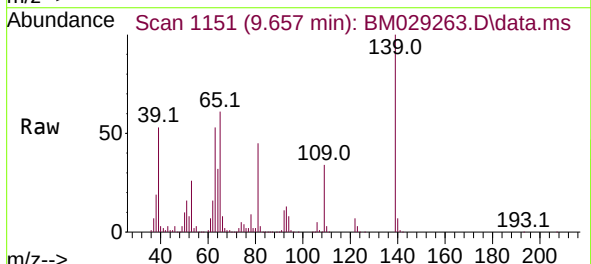
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

Tgt Ion: 82 Resp: 756131  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.6 8.4  
138 15.7 13.3 19.9

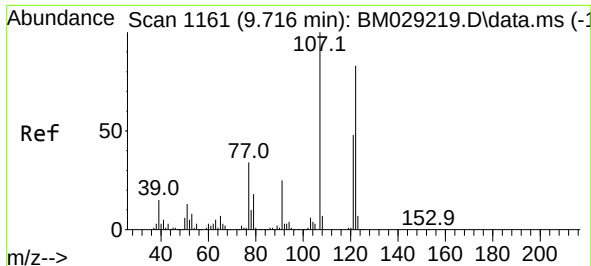


#26  
2-Nitrophenol  
Concen: 57.18 ng  
RT: 9.657 min Scan# 1151  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:139 Resp: 185090  
Ion Ratio Lower Upper  
139 100  
109 34.2 26.6 39.8  
65 61.0 45.6 68.4



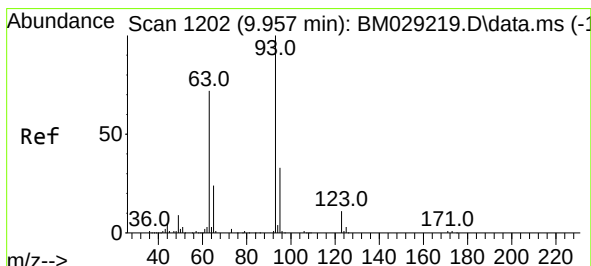
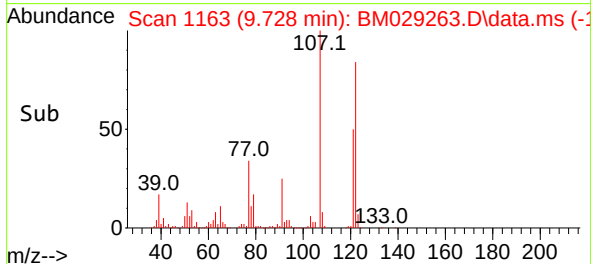
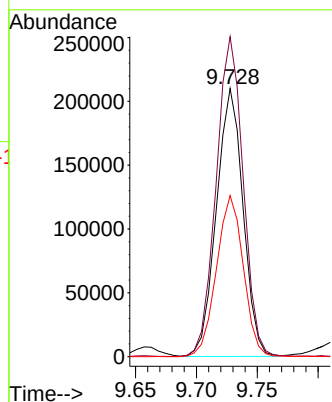
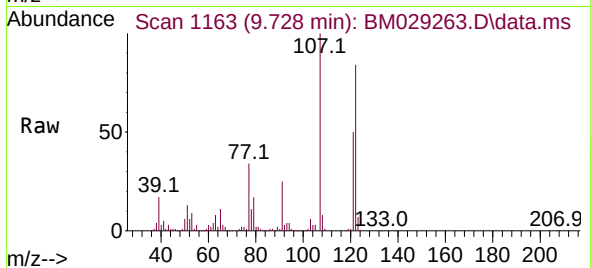




#27  
2,4-Dimethylphenol  
Concen: 51.57 ng  
RT: 9.728 min Scan# 1163  
Delta R.T. 0.017 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

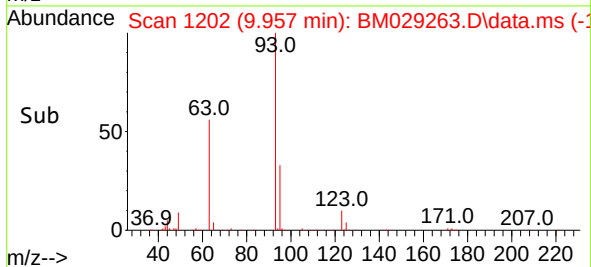
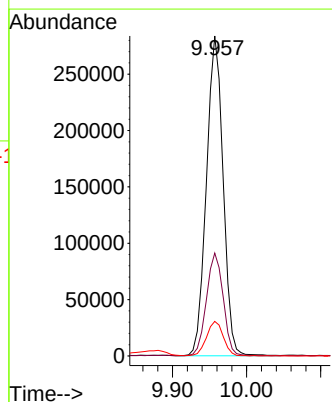
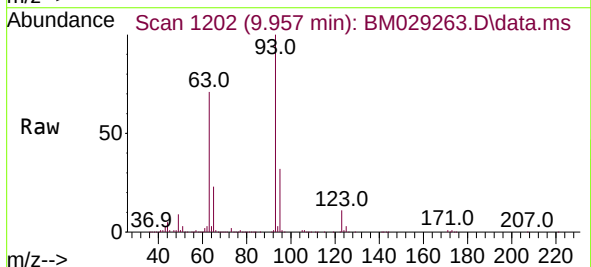
Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

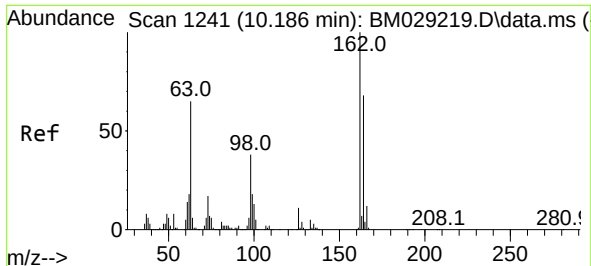
Tgt Ion:122 Resp: 320006  
Ion Ratio Lower Upper  
122 100  
107 119.3 95.0 142.6  
121 60.1 45.8 68.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 52.64 ng  
RT: 9.957 min Scan# 1202  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion: 93 Resp: 444671  
Ion Ratio Lower Upper  
93 100  
95 32.2 26.6 39.8  
123 10.8 8.6 13.0

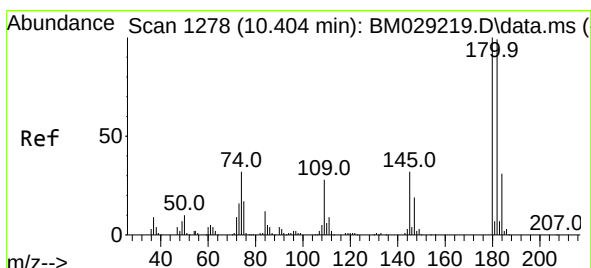
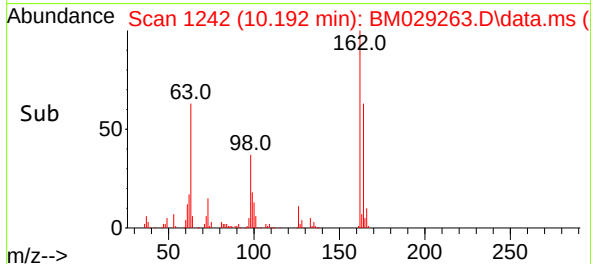
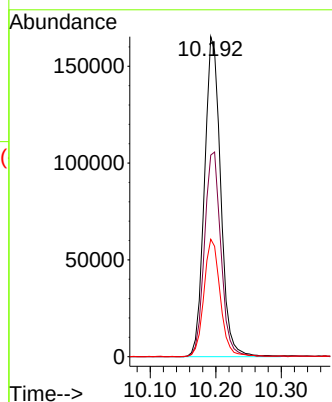
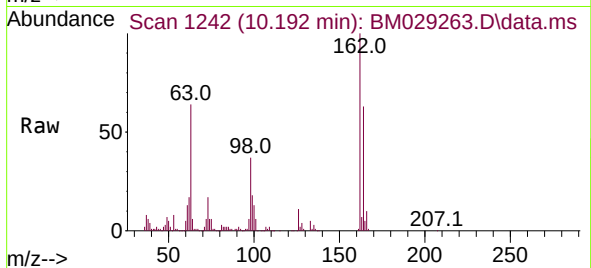




#29  
2,4-Dichlorophenol  
Concen: 42.21 ng  
RT: 10.192 min Scan# 1242  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

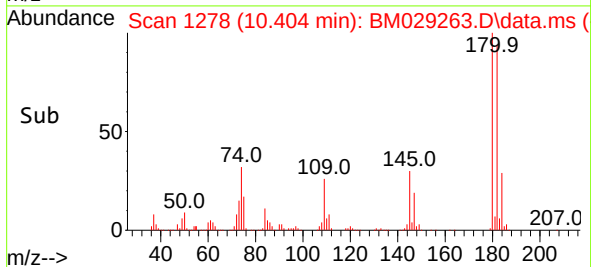
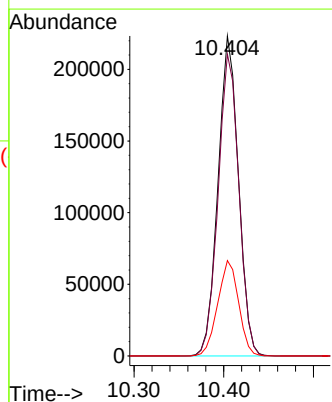
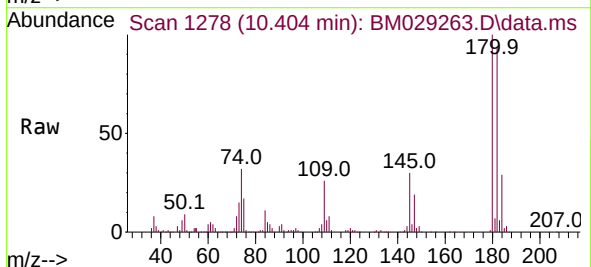
Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

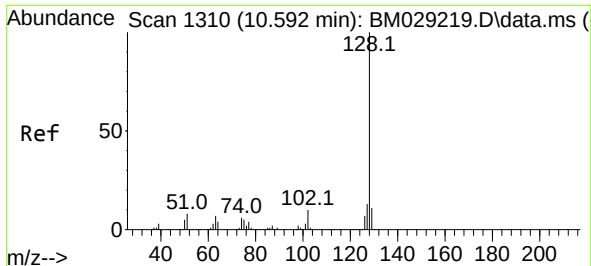
Tgt Ion:162 Resp: 284802  
Ion Ratio Lower Upper  
162 100  
164 63.0 45.7 85.7  
98 36.7 16.3 56.3



#30  
1,2,4-Trichlorobenzene  
Concen: 46.06 ng  
RT: 10.404 min Scan# 1278  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:180 Resp: 352870  
Ion Ratio Lower Upper  
180 100  
182 94.3 77.0 115.4  
145 29.8 25.4 38.2

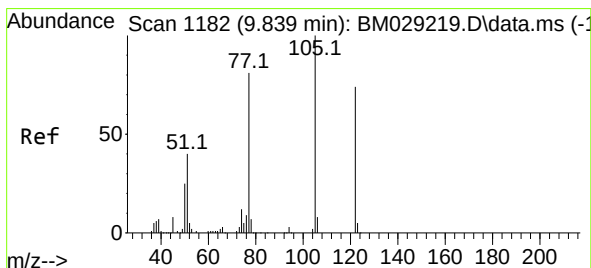
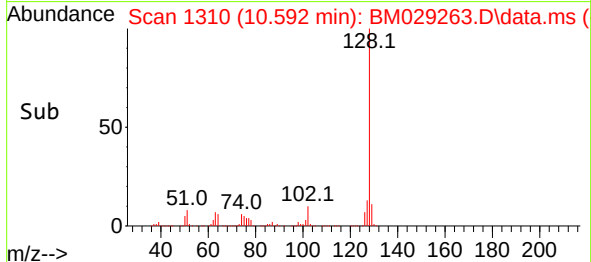
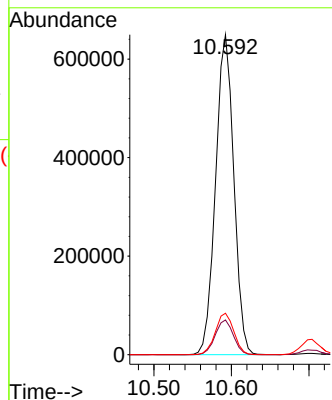
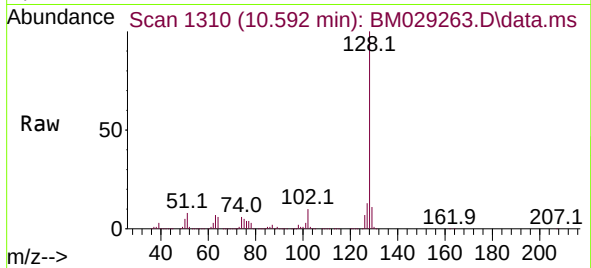




#31  
Naphthalene  
Concen: 44.58 ng  
RT: 10.592 min Scan# 1310  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

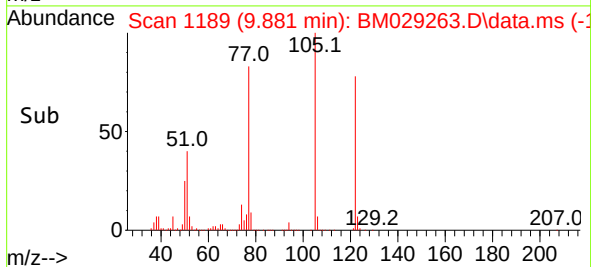
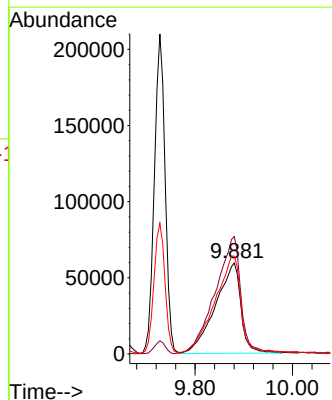
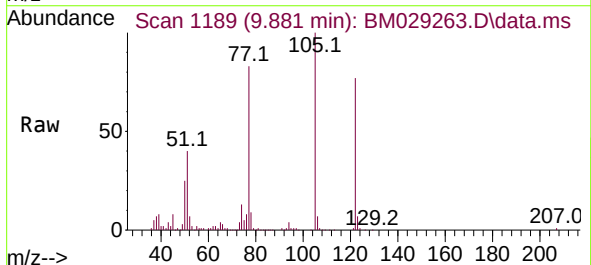
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

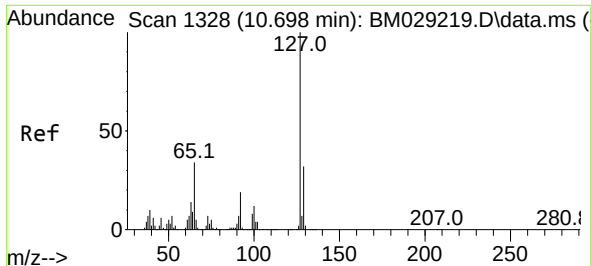
Tgt Ion:128 Resp: 1061180  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.6  
127 13.0 10.7 16.1



#32  
Benzoic acid  
Concen: 53.05 ng  
RT: 9.881 min Scan# 1189  
Delta R.T. 0.053 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:122 Resp: 215090  
Ion Ratio Lower Upper  
122 100  
105 129.1 108.2 148.2  
77 107.5 86.0 126.0

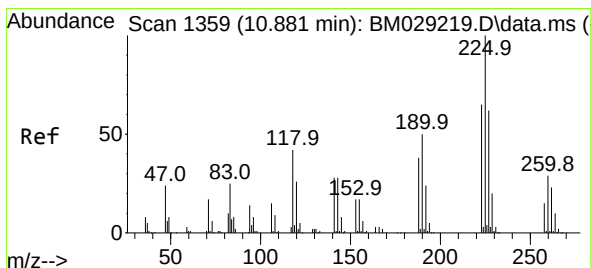
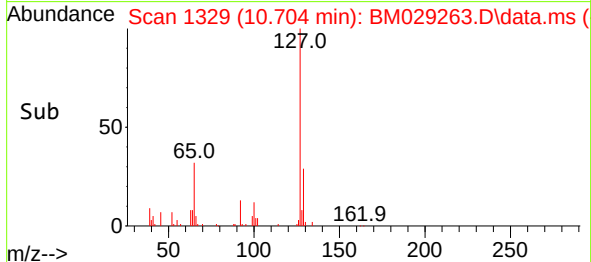
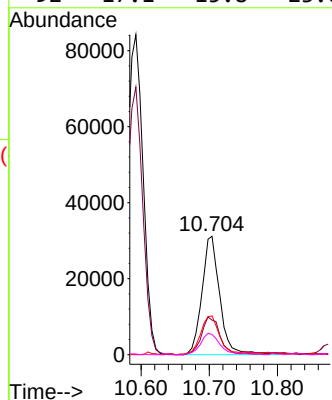
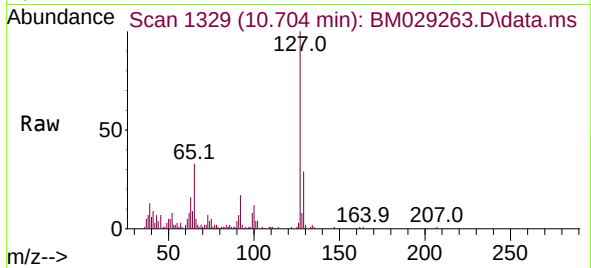




#33  
4-Chloroaniline  
Concen: 6.04 ng  
RT: 10.704 min Scan# 1329  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

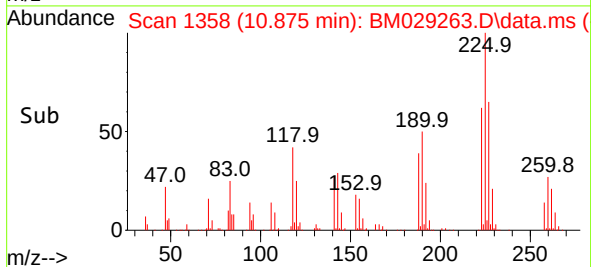
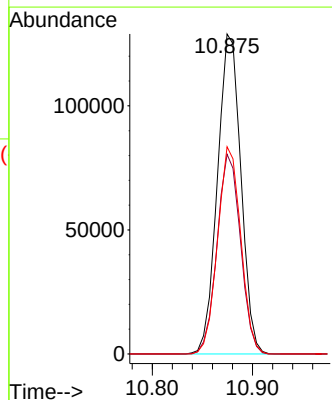
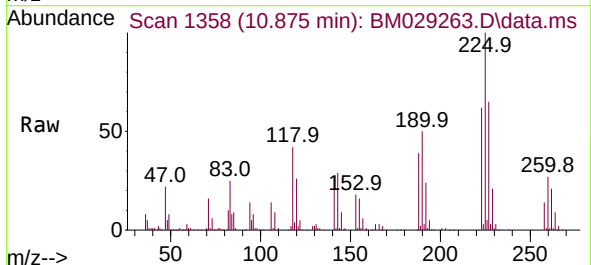
Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

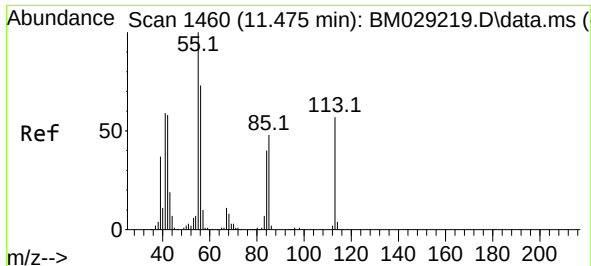
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 56814     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 29.2  | 25.4 38.0 |
| 65          | 32.8  | 28.6 42.8 |
| 92          | 17.1  | 15.8 23.6 |



#34  
Hexachlorobutadiene  
Concen: 47.07 ng  
RT: 10.875 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 209486    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.4  | 51.8 77.8 |
| 227         | 64.7  | 52.2 78.4 |

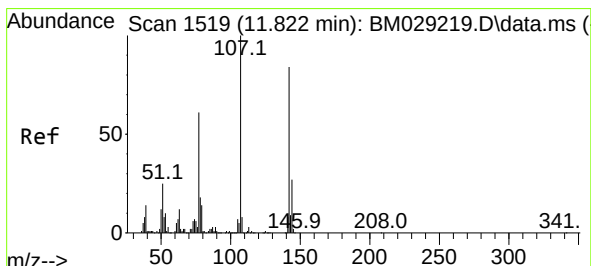
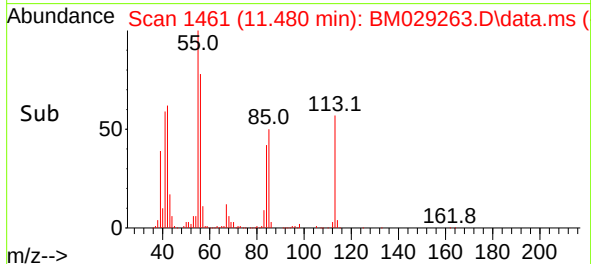
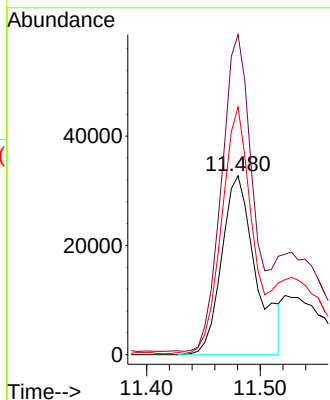
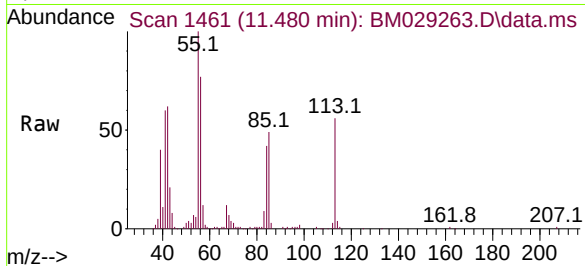




#35  
Caprolactam  
Concen: 32.49 ng  
RT: 11.480 min Scan# 1461  
Delta R.T. 0.017 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

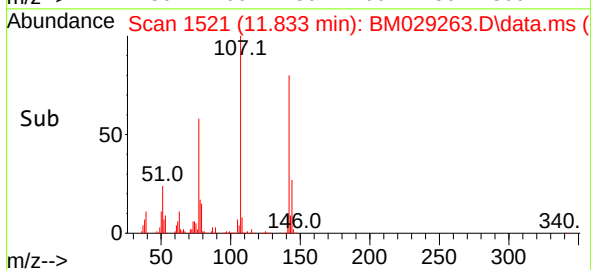
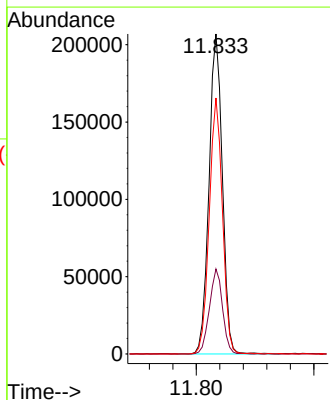
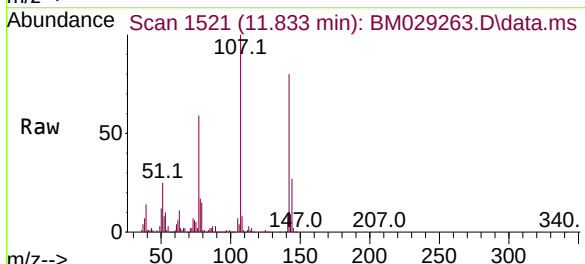
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

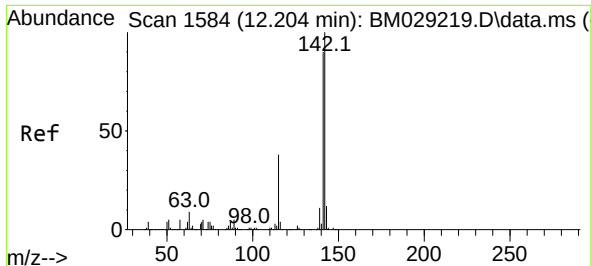
Tgt Ion:113 Resp: 68114  
Ion Ratio Lower Upper  
113 100  
55 178.8 149.4 189.4  
56 138.5 110.8 150.8



#36  
4-Chloro-3-methylphenol  
Concen: 45.28 ng  
RT: 11.833 min Scan# 1521  
Delta R.T. 0.023 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:107 Resp: 326224  
Ion Ratio Lower Upper  
107 100  
144 26.6 22.7 34.1  
142 80.0 67.0 100.4

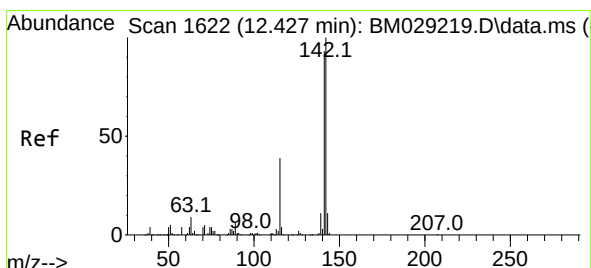
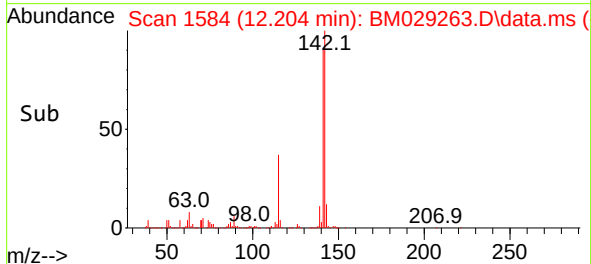
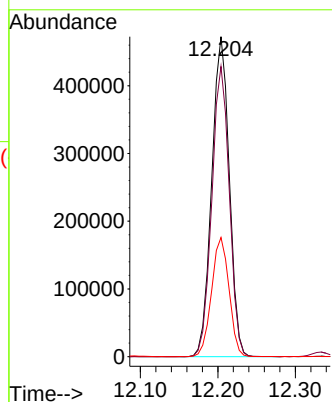
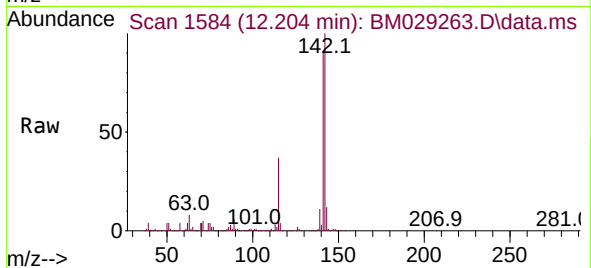




#37  
2-Methylnaphthalene  
Concen: 44.68 ng  
RT: 12.204 min Scan# 1584  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

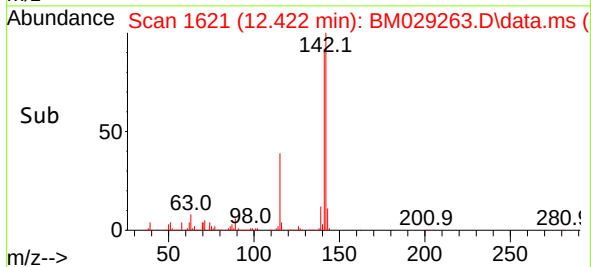
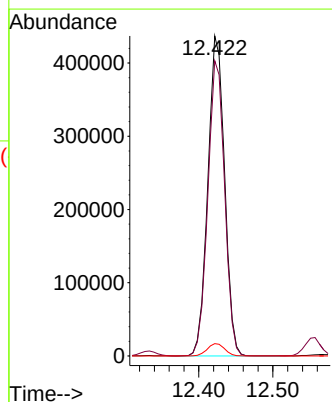
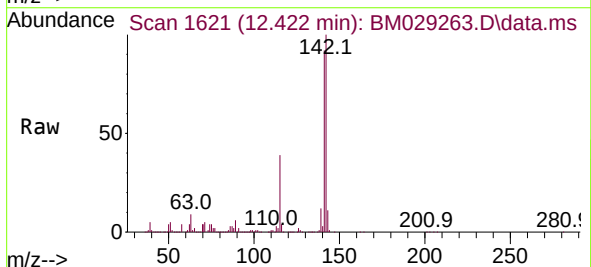
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

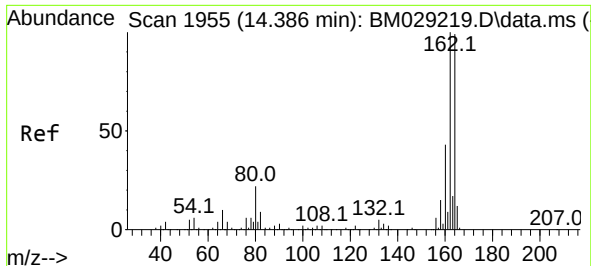
Tgt Ion:142 Resp: 743708  
Ion Ratio Lower Upper  
142 100  
141 90.7 72.0 108.0  
115 37.3 29.8 44.6



#38  
1-Methylnaphthalene  
Concen: 43.37 ng  
RT: 12.422 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:142 Resp: 686574  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.5 110.3  
116 3.9 3.2 4.8

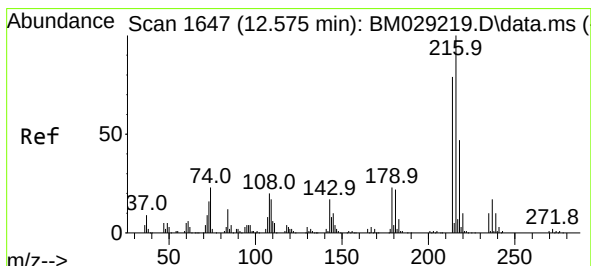
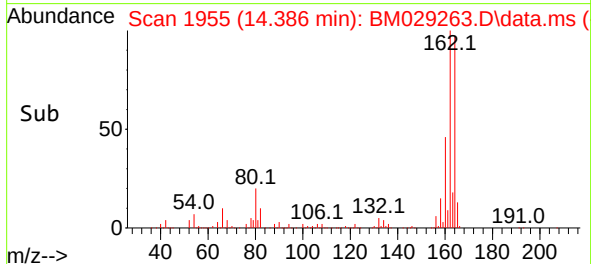
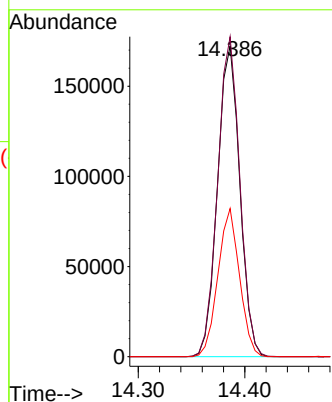
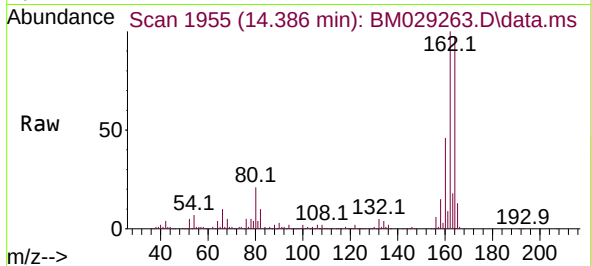




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.386 min Scan# 1955  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

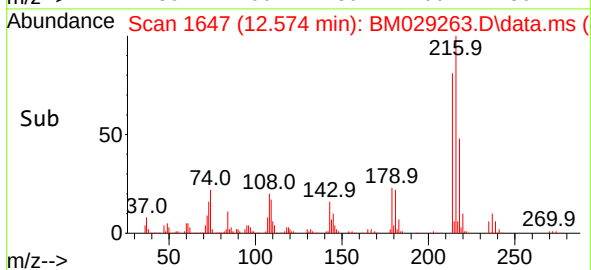
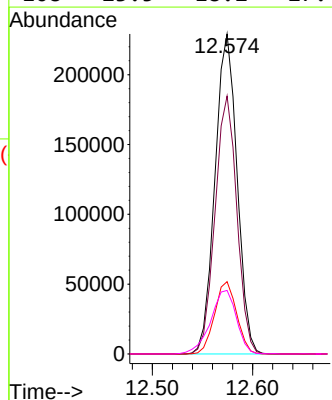
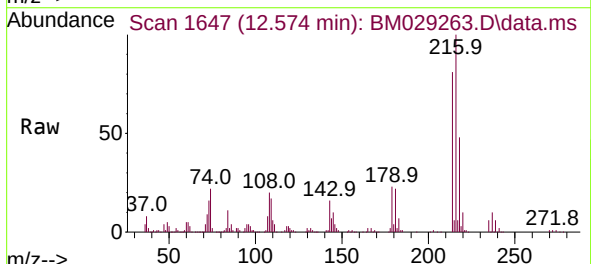
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

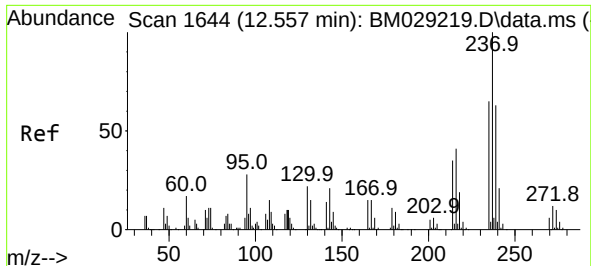
Tgt Ion:164 Resp: 250091  
Ion Ratio Lower Upper  
164 100  
162 103.0 84.4 126.6  
160 47.7 36.6 54.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.98 ng  
RT: 12.574 min Scan# 1647  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:216 Resp: 350302  
Ion Ratio Lower Upper  
216 100  
214 79.6 62.3 93.5  
179 22.6 18.6 27.8  
108 23.5 18.2 27.4

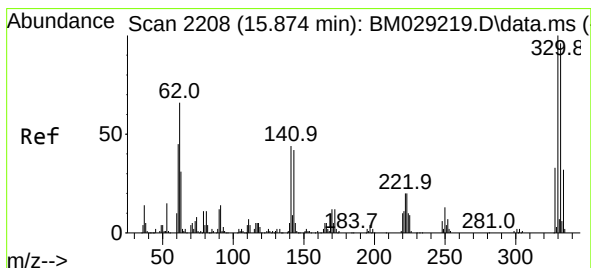
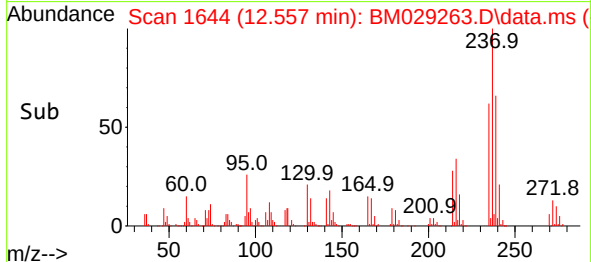
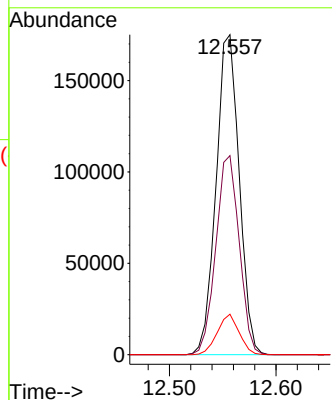
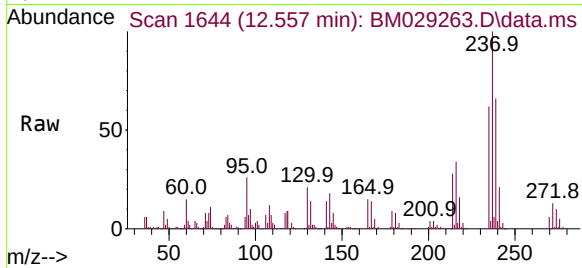




#41  
Hexachlorocyclopentadiene  
Concen: 68.65 ng  
RT: 12.557 min Scan# 1644  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

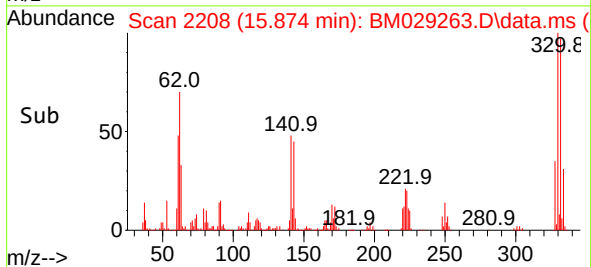
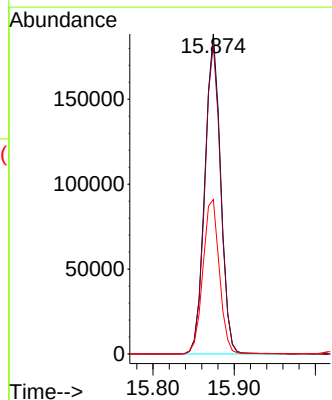
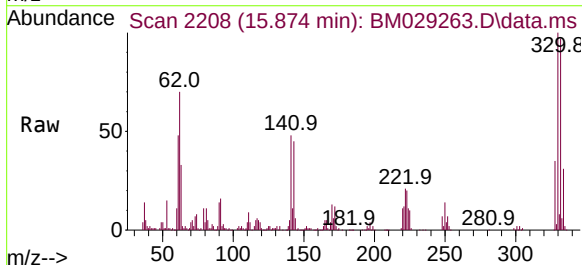
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

Tgt Ion:237 Resp: 264006  
Ion Ratio Lower Upper  
237 100  
235 62.2 41.8 81.8  
272 12.7 0.0 31.1

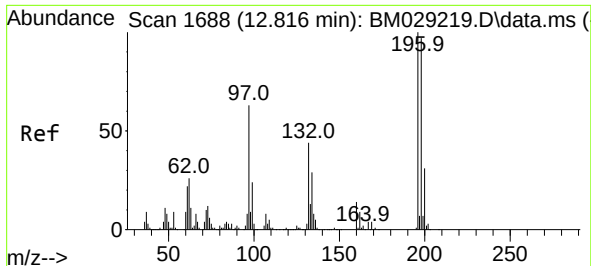


#42  
2,4,6-Tribromophenol  
Concen: 109.66 ng  
RT: 15.874 min Scan# 2208  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:330 Resp: 253983  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.1 115.7  
141 50.6 39.2 58.8



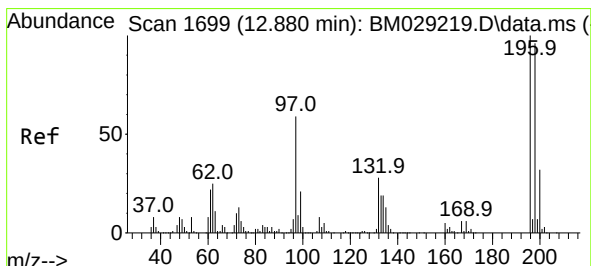
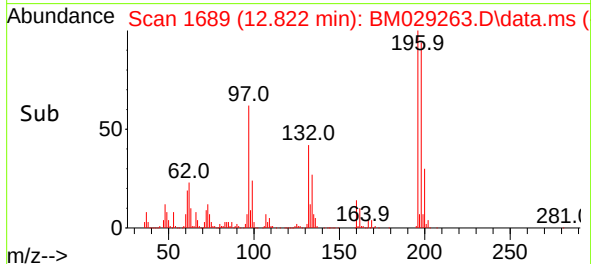
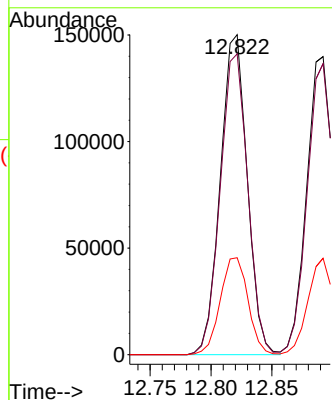
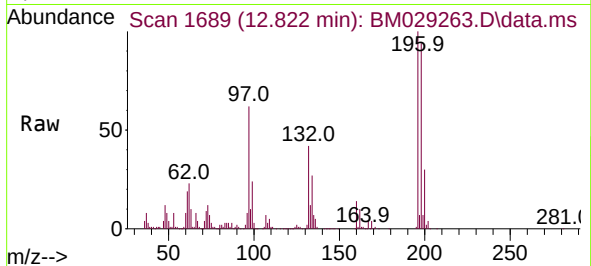




#43  
2,4,6-Trichlorophenol  
Concen: 50.73 ng  
RT: 12.822 min Scan# 1689  
Delta R.T. 0.017 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

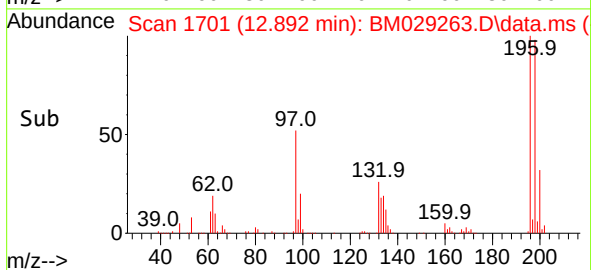
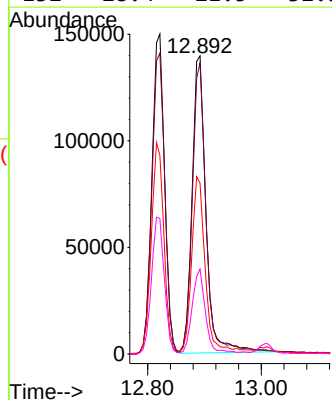
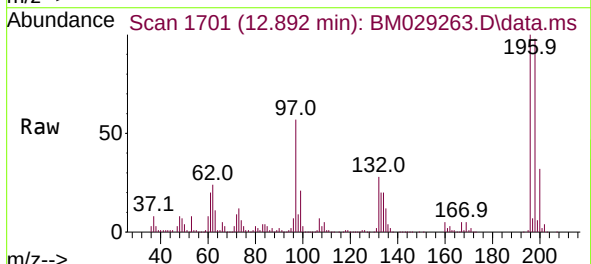
Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

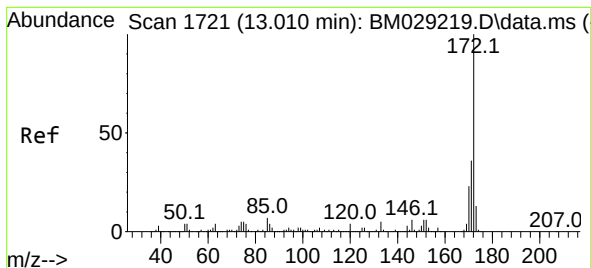
Tgt Ion:196 Resp: 231458  
Ion Ratio Lower Upper  
196 100  
198 94.0 75.3 112.9  
200 30.3 25.2 37.8



#44  
2,4,5-Trichlorophenol  
Concen: 46.71 ng  
RT: 12.892 min Scan# 1701  
Delta R.T. 0.017 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:196 Resp: 236924  
Ion Ratio Lower Upper  
196 100  
198 97.7 74.6 112.0  
97 57.3 46.4 69.6  
132 28.4 21.5 32.3

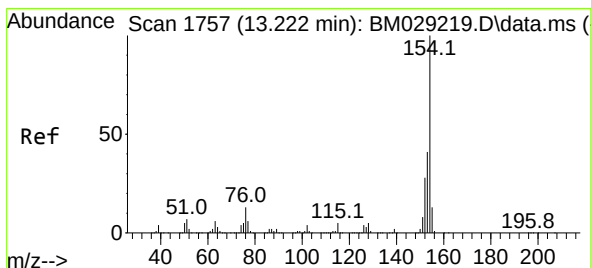
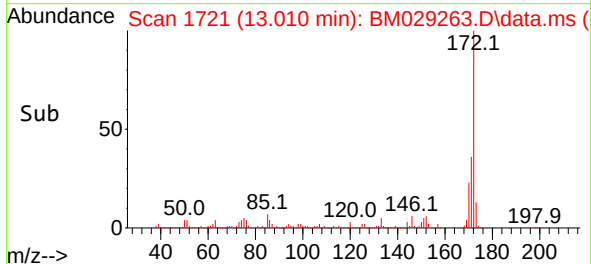
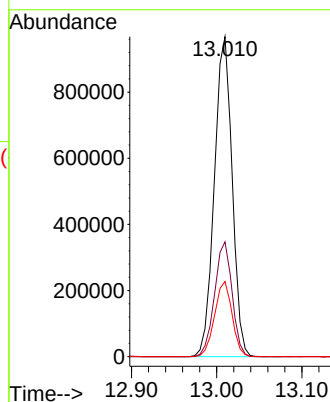
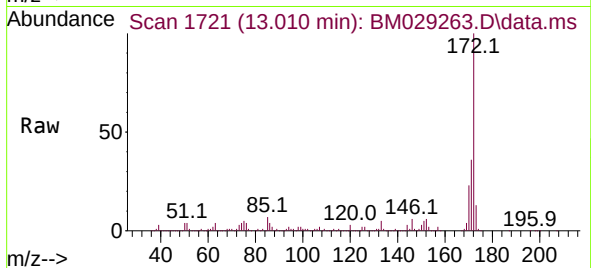




#45  
2-Fluorobiphenyl  
Concen: 79.50 ng  
RT: 13.010 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

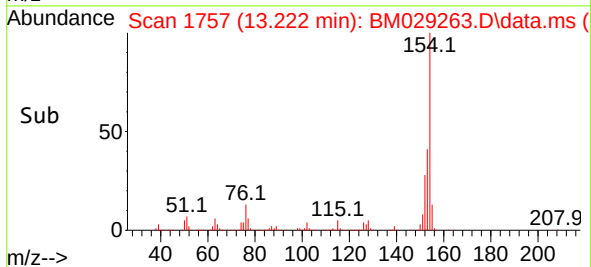
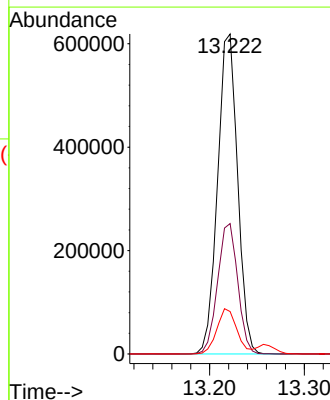
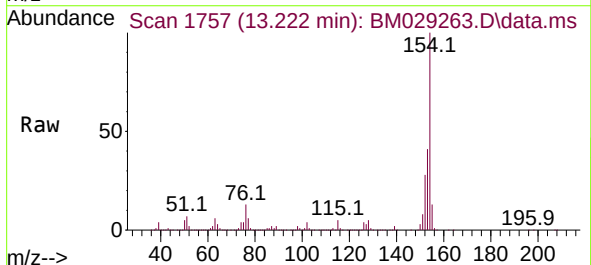
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

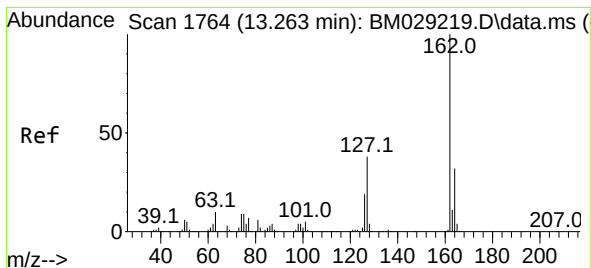
Tgt Ion:172 Resp: 1401759  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.7 43.1  
170 23.5 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 47.83 ng  
RT: 13.222 min Scan# 1757  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:154 Resp: 909315  
Ion Ratio Lower Upper  
154 100  
153 40.8 21.5 61.5  
76 13.3 0.0 33.6

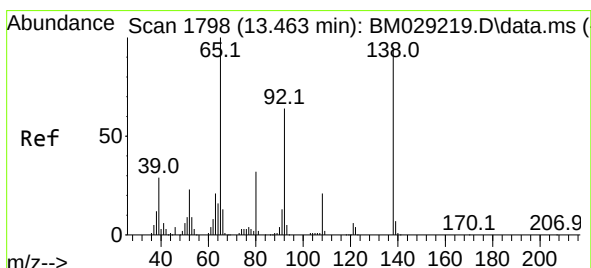
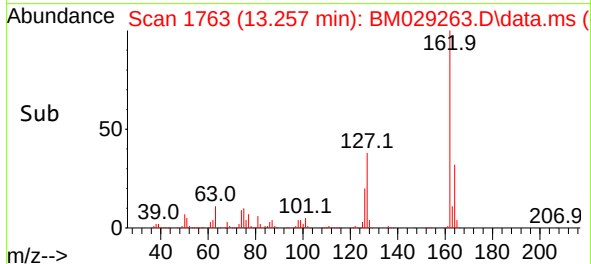
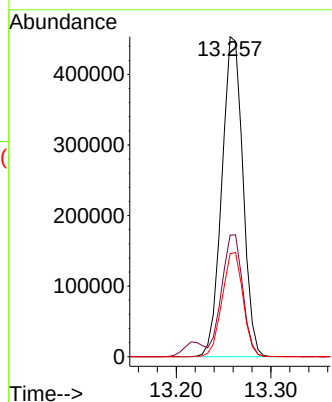
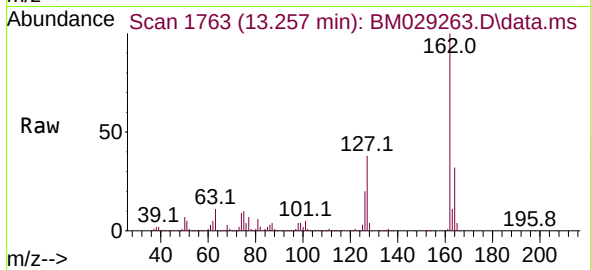




#47  
2-Chloronaphthalene  
Concen: 46.86 ng  
RT: 13.257 min Scan# 1763  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

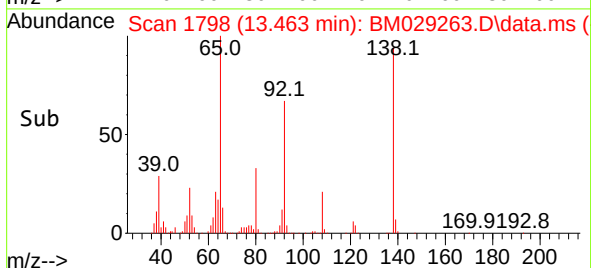
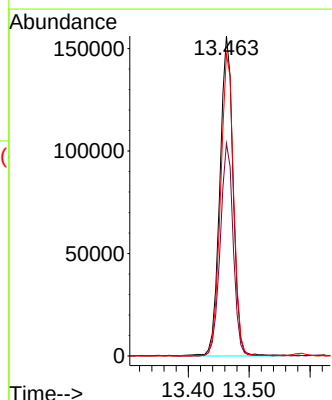
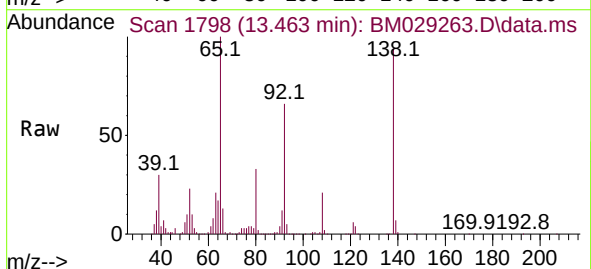
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

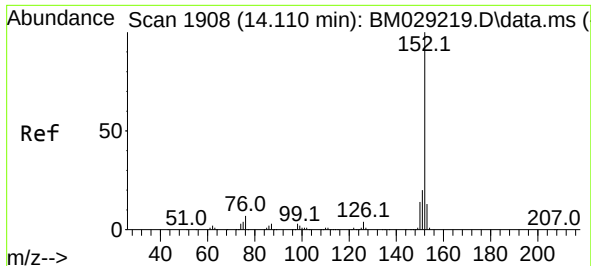
Tgt Ion:162 Resp: 701535  
Ion Ratio Lower Upper  
162 100  
127 38.0 30.4 45.6  
164 32.2 26.3 39.5



#48  
2-Nitroaniline  
Concen: 48.17 ng  
RT: 13.463 min Scan# 1798  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion: 65 Resp: 235877  
Ion Ratio Lower Upper  
65 100  
92 66.5 52.4 78.6  
138 94.3 75.0 112.6

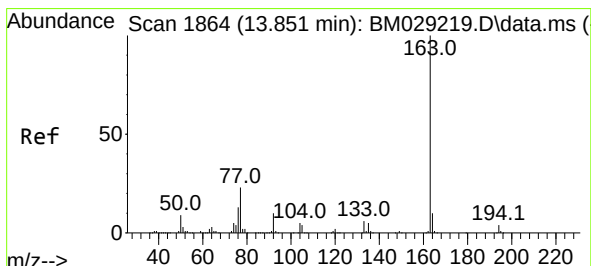
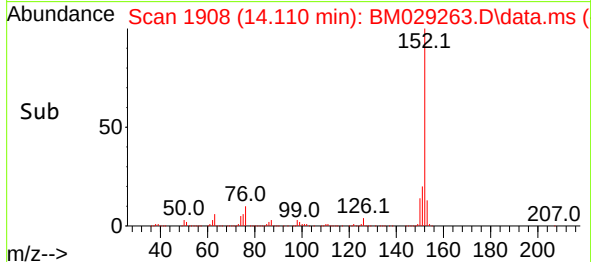
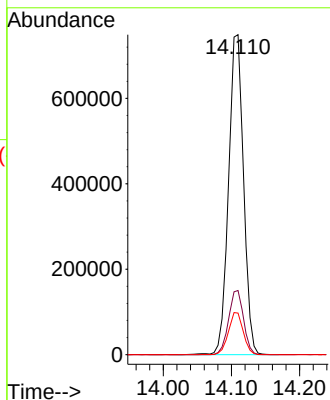
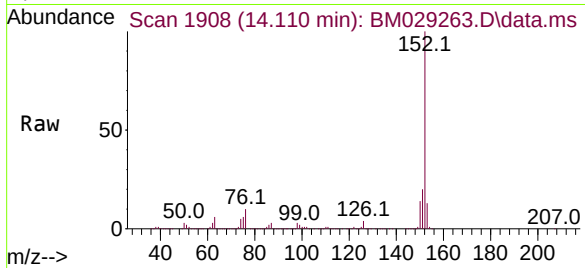




#49  
Acenaphthylene  
Concen: 50.32 ng  
RT: 14.110 min Scan# 1908  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

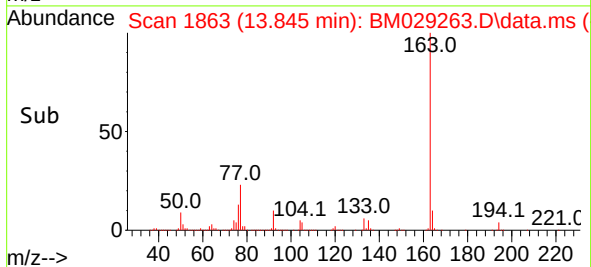
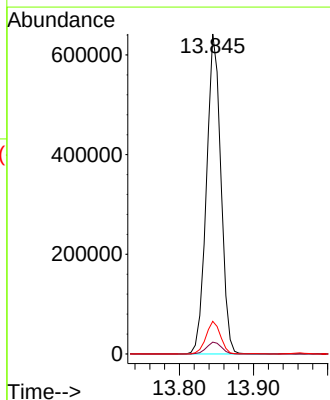
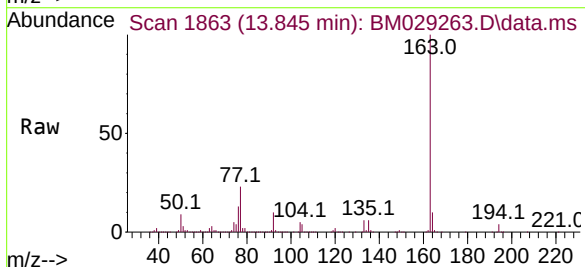
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

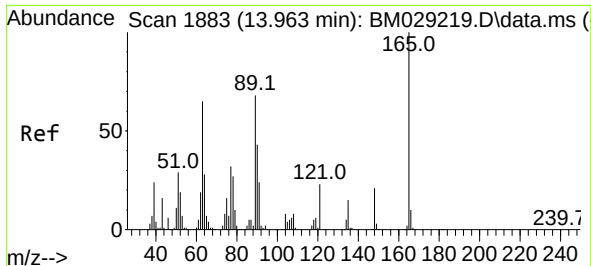
Tgt Ion:152 Resp: 1145935  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.4  
153 13.0 10.2 15.2



#50  
Dimethylphthalate  
Concen: 49.62 ng  
RT: 13.845 min Scan# 1863  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:163 Resp: 867225  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.2 4.8  
164 10.2 7.9 11.9

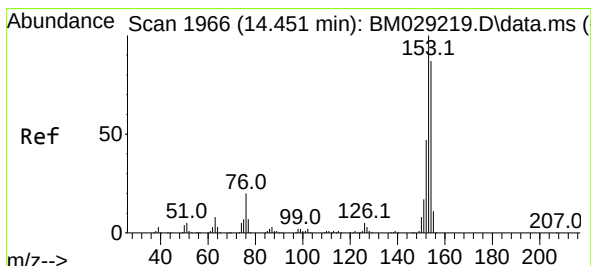
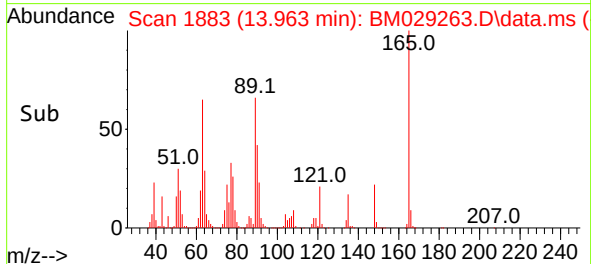
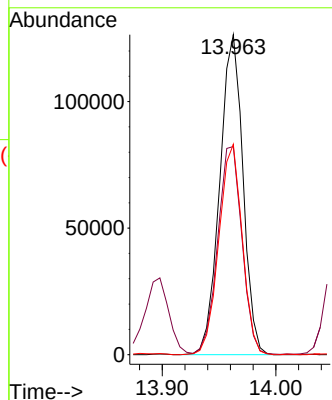
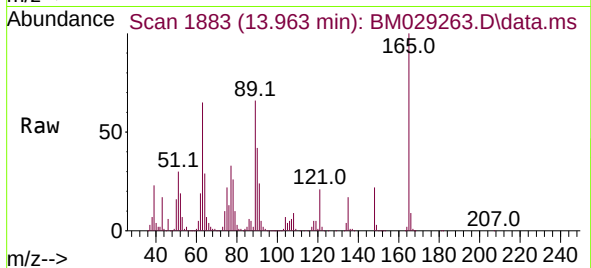




#51  
2,6-Dinitrotoluene  
Concen: 47.47 ng  
RT: 13.963 min Scan# 1883  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

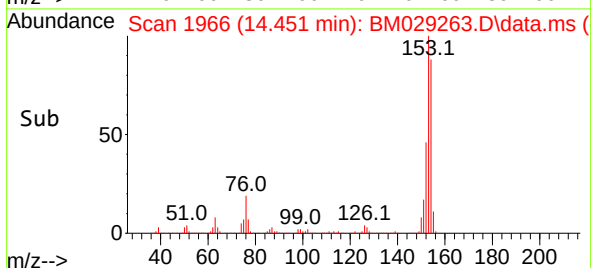
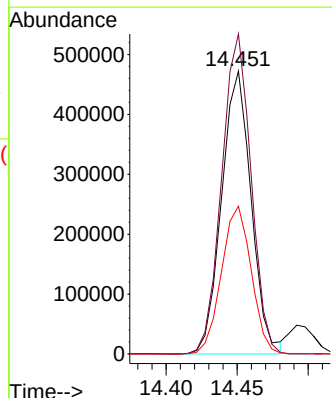
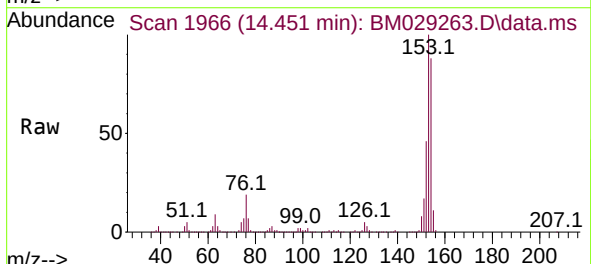
Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

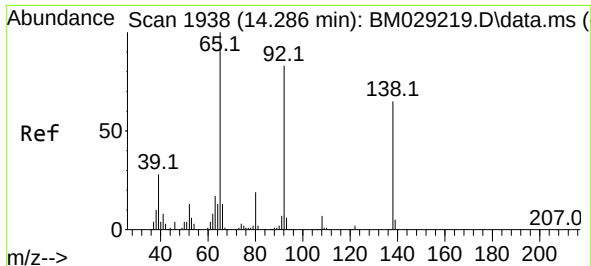
Tgt Ion:165 Resp: 179459  
Ion Ratio Lower Upper  
165 100  
63 65.0 51.4 77.2  
89 65.8 51.4 77.2



#52  
Acenaphthene  
Concen: 47.22 ng  
RT: 14.451 min Scan# 1966  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:154 Resp: 683395  
Ion Ratio Lower Upper  
154 100  
153 113.1 90.5 135.7  
152 52.3 43.4 65.2

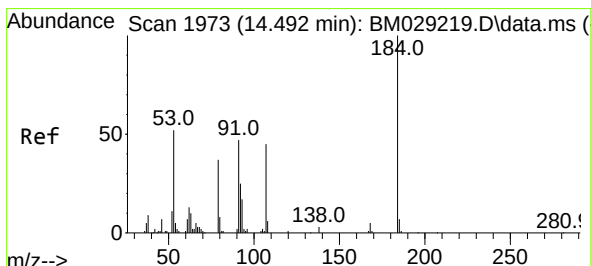
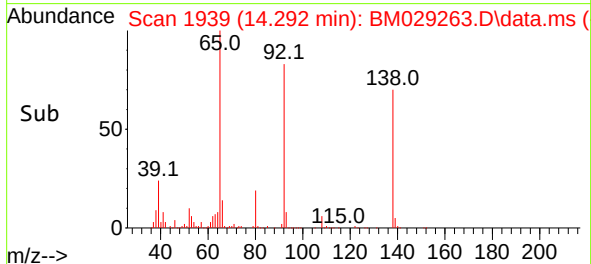
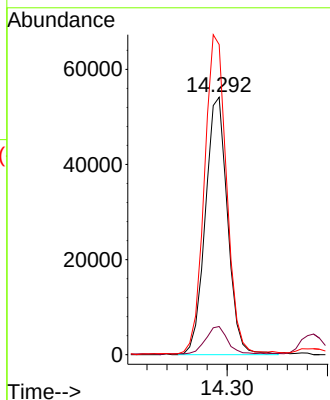
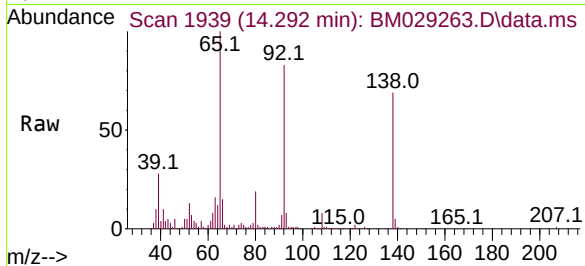




#53  
3-Nitroaniline  
Concen: 21.79 ng  
RT: 14.292 min Scan# 1939  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

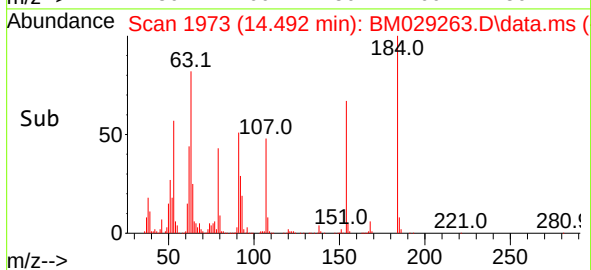
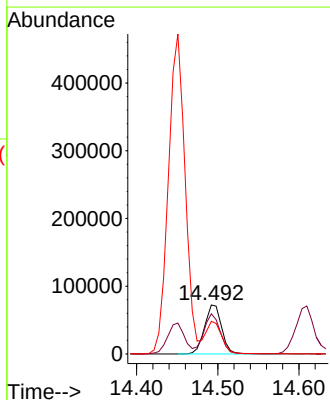
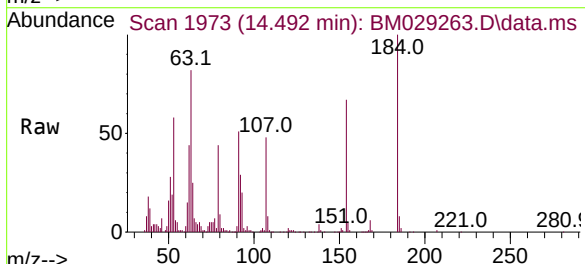
Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

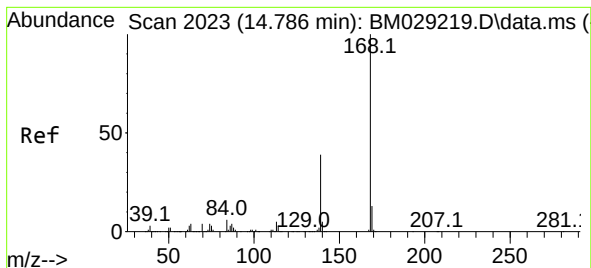
Tgt Ion:138 Resp: 83376  
Ion Ratio Lower Upper  
138 100  
108 10.9 9.0 13.4  
92 120.5 101.4 152.0



#54  
2,4-Dinitrophenol  
Concen: 49.91 ng  
RT: 14.492 min Scan# 1973  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:184 Resp: 105319  
Ion Ratio Lower Upper  
184 100  
63 82.0 61.9 92.9  
154 66.6 52.3 78.5

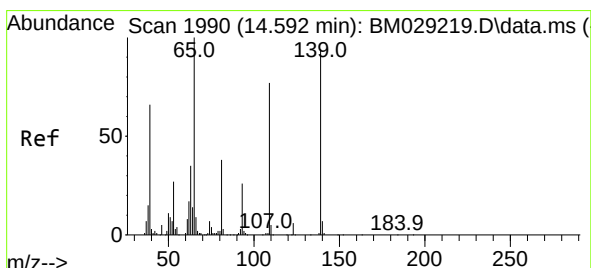
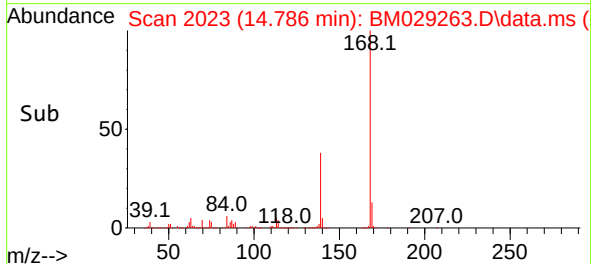
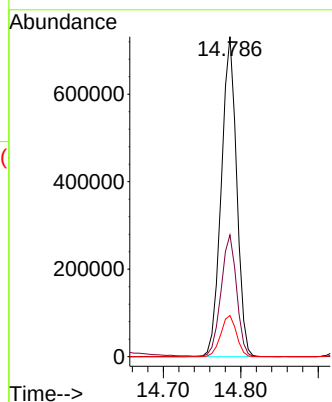
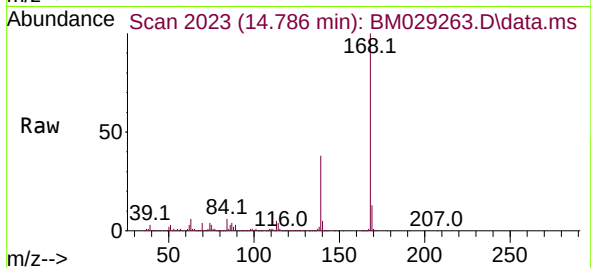




#55  
Dibenzenofuran  
Concen: 44.33 ng  
RT: 14.786 min Scan# 2023  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

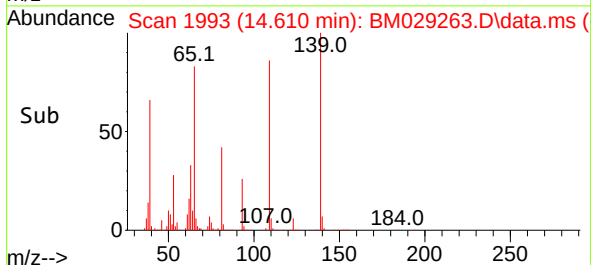
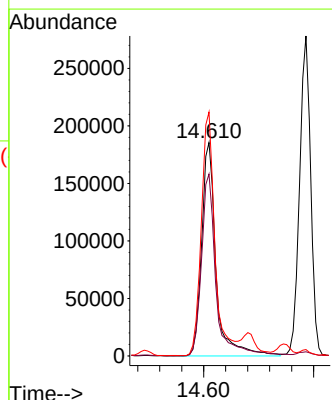
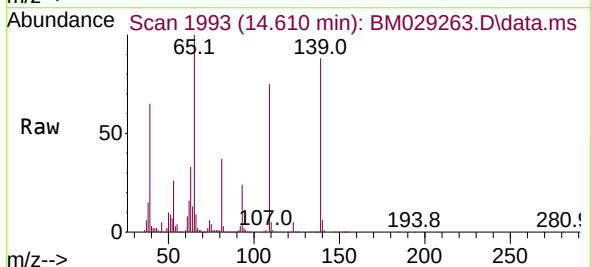
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

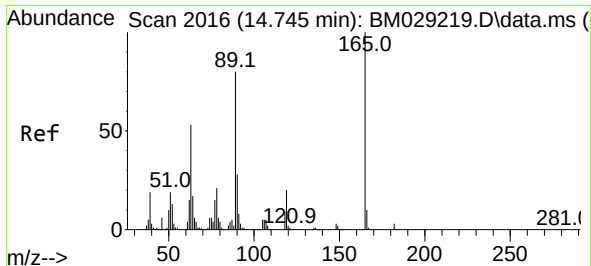
Tgt Ion:168 Resp: 1009395  
Ion Ratio Lower Upper  
168 100  
139 38.0 30.6 46.0  
169 12.8 10.2 15.4



#56  
4-Nitrophenol  
Concen: 96.66 ng  
RT: 14.610 min Scan# 1993  
Delta R.T. 0.029 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:139 Resp: 337951  
Ion Ratio Lower Upper  
139 100  
109 85.2 69.5 109.5  
65 114.2 98.1 138.1



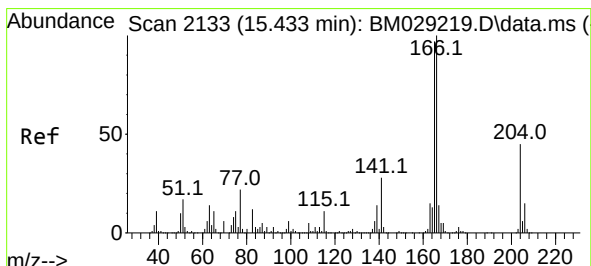
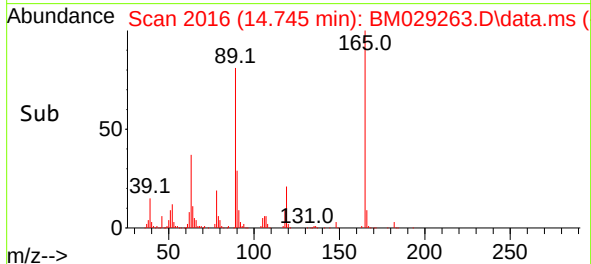
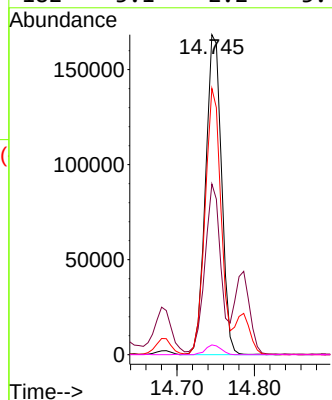
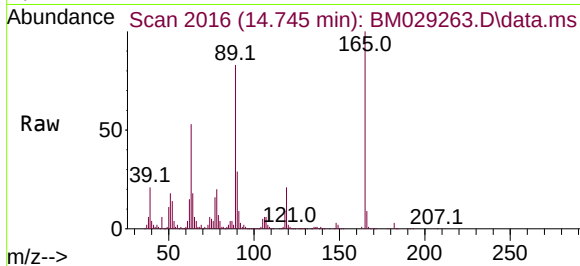


#57  
2,4-Dinitrotoluene  
Concen: 43.77 ng  
RT: 14.745 min Scan# 2016  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

Tgt Ion:165 Resp: 240869

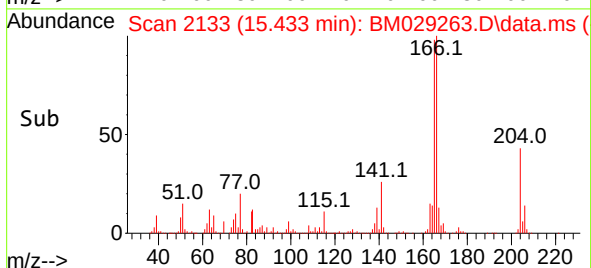
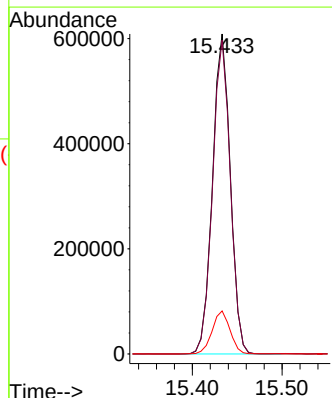
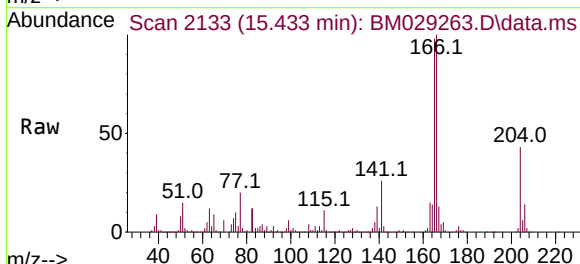
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 53.4  | 42.2  | 63.4  |
| 89  | 83.2  | 65.6  | 98.4  |
| 182 | 3.1   | 2.2   | 3.4   |



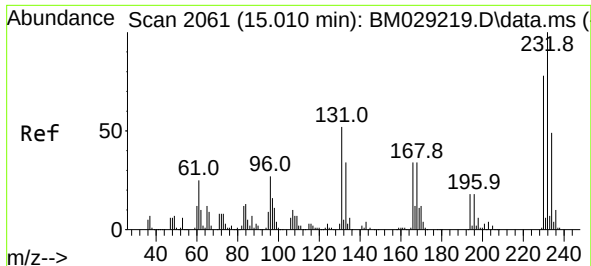
#58  
Fluorene  
Concen: 45.41 ng  
RT: 15.433 min Scan# 2133  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:166 Resp: 838238

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.1  | 79.6  | 119.4 |
| 167 | 13.5  | 11.0  | 16.6  |



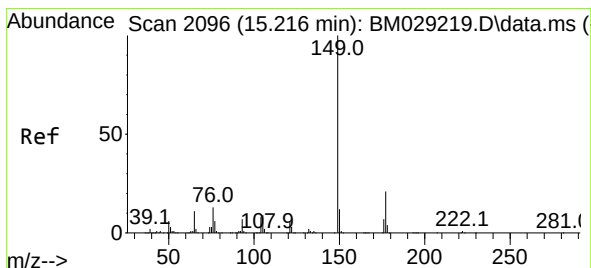
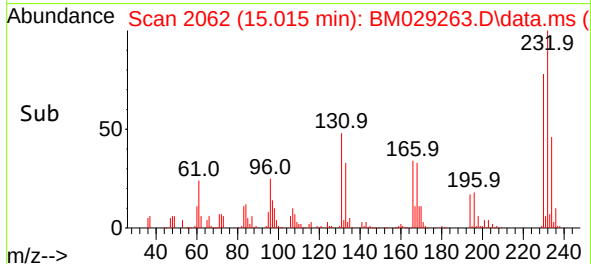
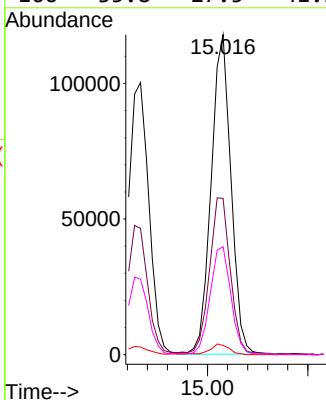
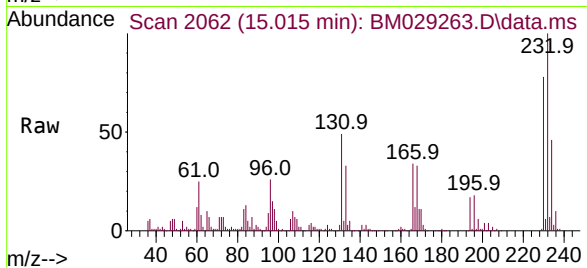




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.84 ng  
RT: 15.015 min Scan# 2062  
Delta R.T. 0.017 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

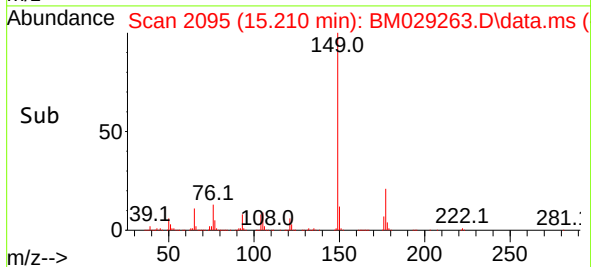
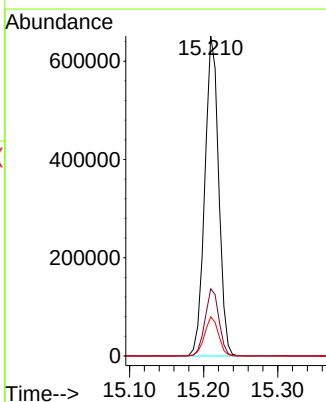
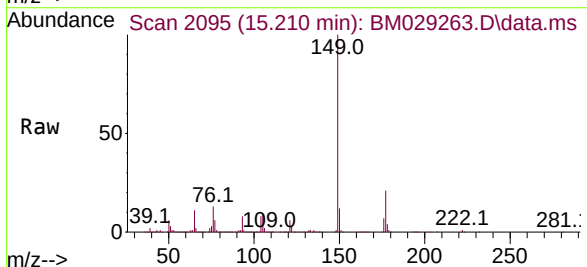
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

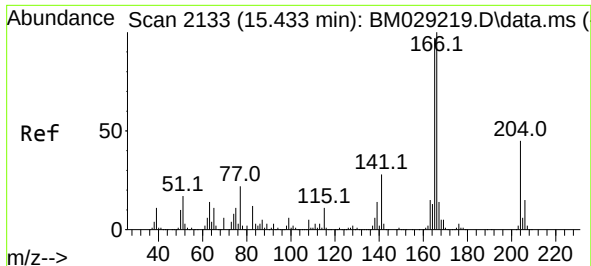
Tgt Ion:232 Resp: 161440  
Ion Ratio Lower Upper  
232 100  
131 52.1 41.1 61.7  
130 3.1 2.6 3.8  
166 35.8 27.5 41.3



#60  
Diethylphthalate  
Concen: 49.16 ng  
RT: 15.210 min Scan# 2095  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:149 Resp: 846391  
Ion Ratio Lower Upper  
149 100  
177 21.0 17.3 25.9  
150 12.2 9.8 14.6

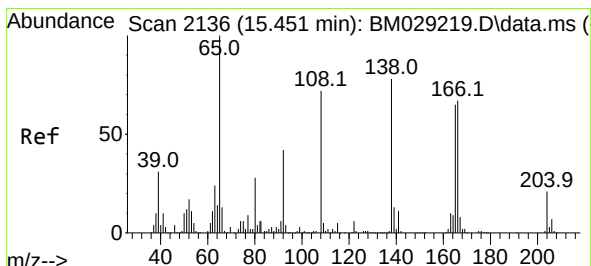
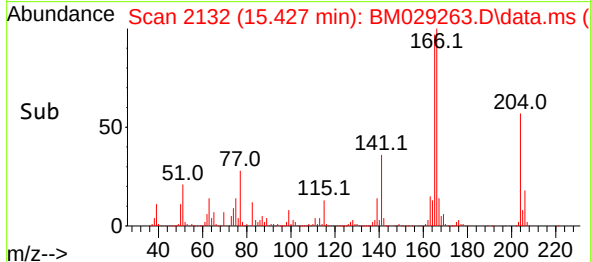
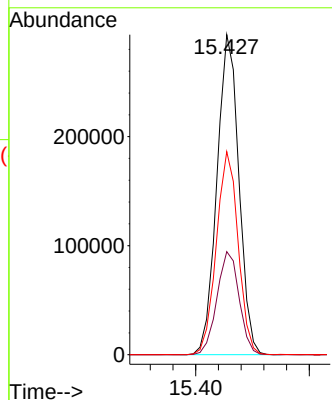
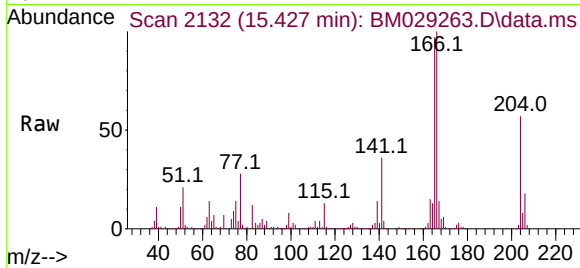




#61  
4-Chlorophenyl-phenylether  
Concen: 46.31 ng  
RT: 15.427 min Scan# 2132  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

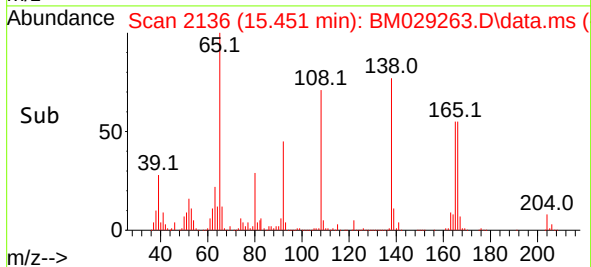
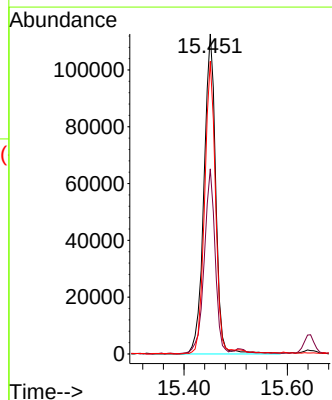
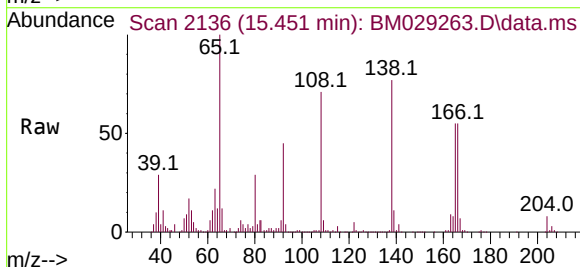
Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

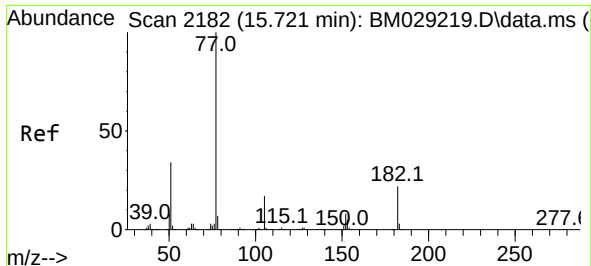
Tgt Ion:204 Resp: 394430  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.7 40.1  
141 63.5 48.4 72.6



#62  
4-Nitroaniline  
Concen: 39.77 ng  
RT: 15.451 min Scan# 2136  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:138 Resp: 178366  
Ion Ratio Lower Upper  
138 100  
92 57.8 38.2 78.2  
108 91.5 71.7 111.7

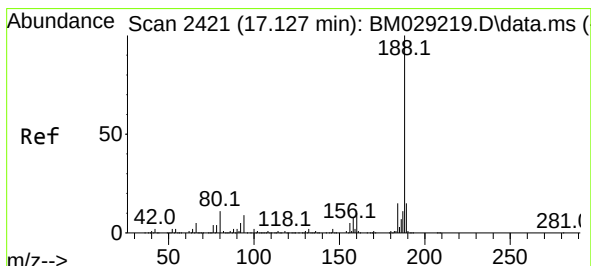
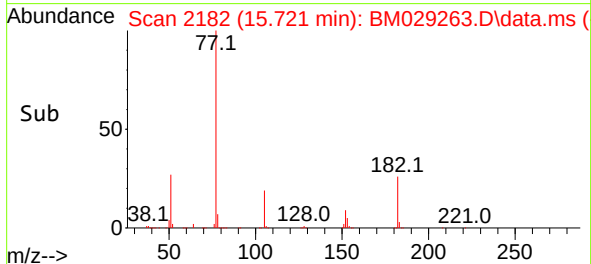
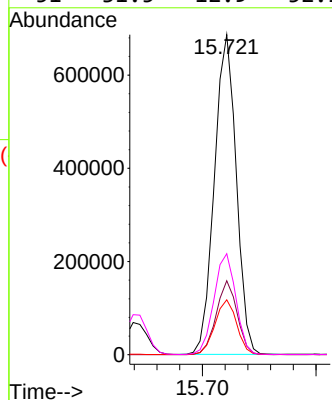
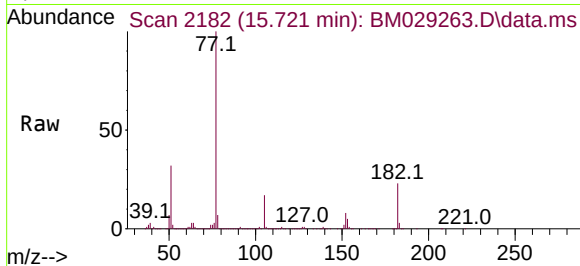




#63  
Azobenzene  
Concen: 46.64 ng  
RT: 15.721 min Scan# 2182  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

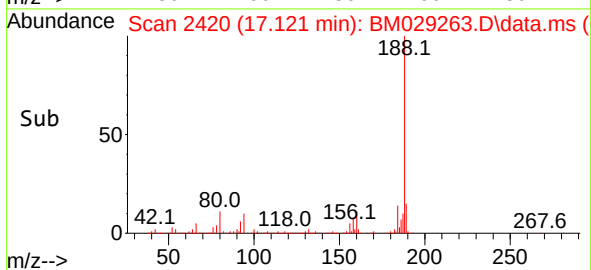
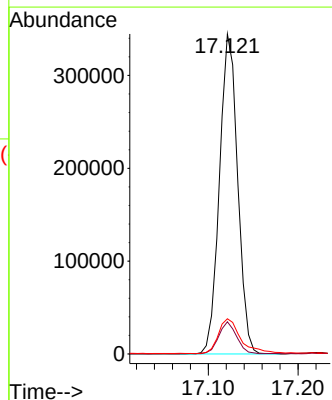
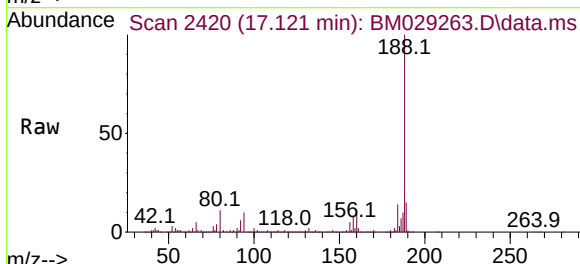
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

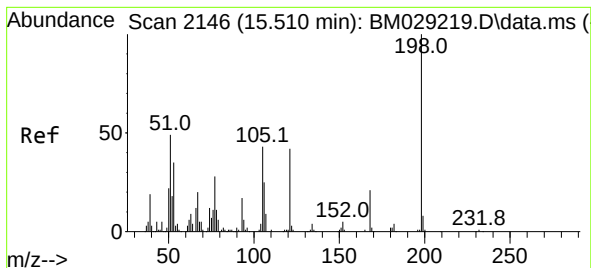
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 917781 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 23.1    | 2.3 42.3     |
| 105 17.2    | 0.0 36.4     |
| 51 31.5     | 12.9 52.9    |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.121 min Scan# 2420  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 485147 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 10.0     | 8.1 12.1     |
| 80 11.0     | 9.2 13.8     |

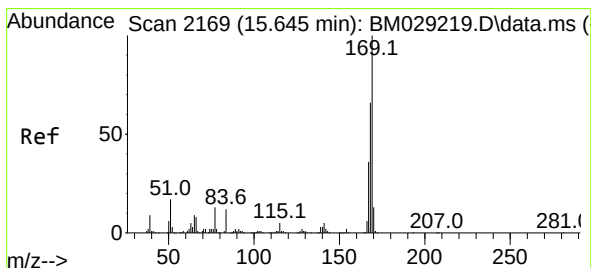
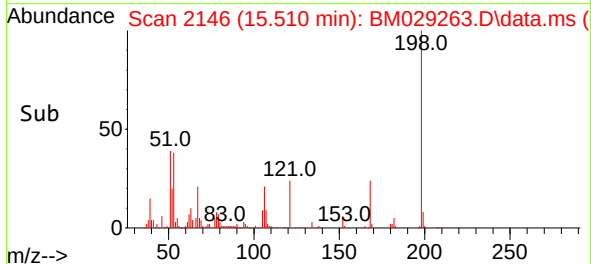
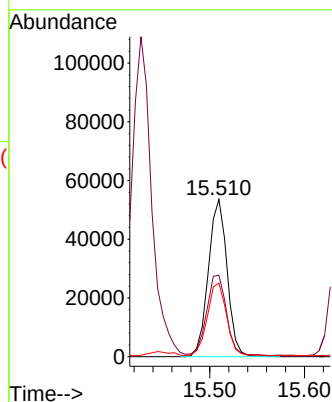
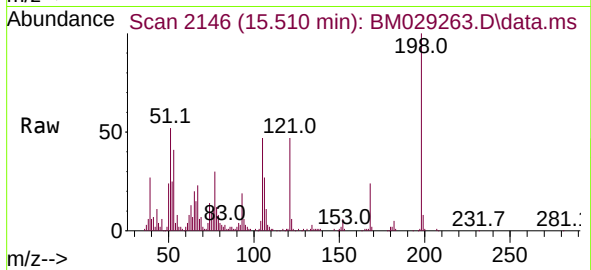




#65  
4,6-Dinitro-2-methylphenol  
Concen: 27.64 ng  
RT: 15.510 min Scan# 2146  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

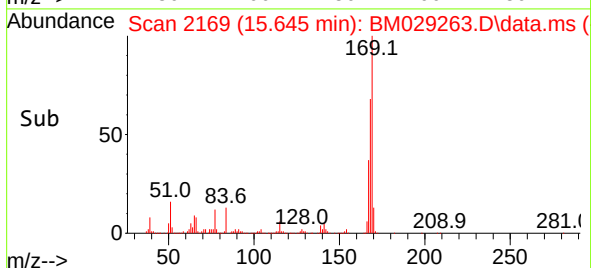
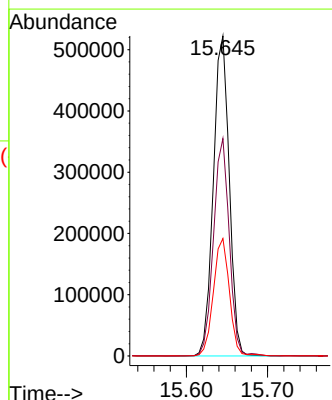
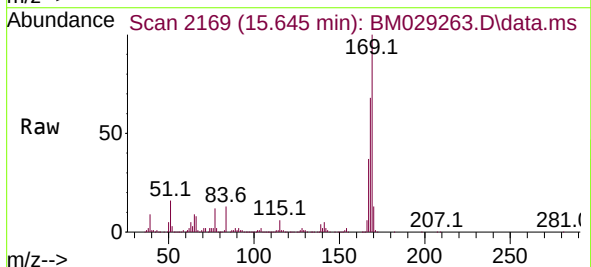
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

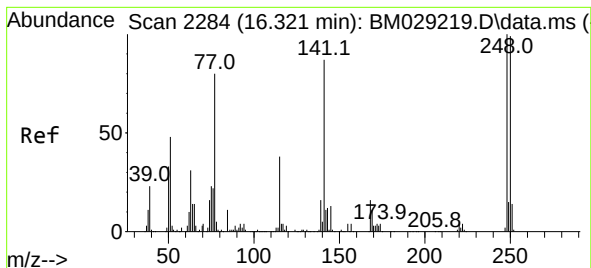
Tgt Ion:198 Resp: 73593  
Ion Ratio Lower Upper  
198 100  
51 51.8 35.1 75.1  
105 46.8 29.4 69.4



#66  
n-Nitrosodiphenylamine  
Concen: 45.72 ng  
RT: 15.645 min Scan# 2169  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:169 Resp: 710029  
Ion Ratio Lower Upper  
169 100  
168 67.9 54.6 81.8  
167 36.7 29.4 44.0

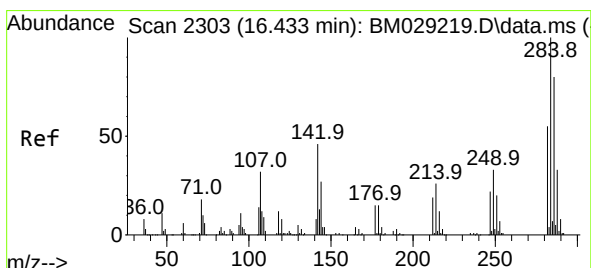
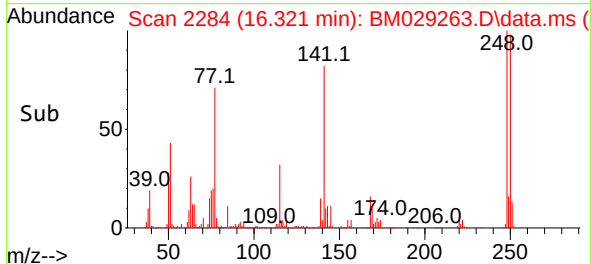
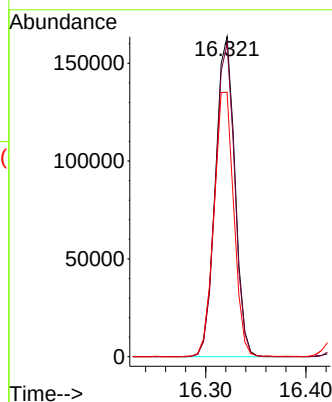
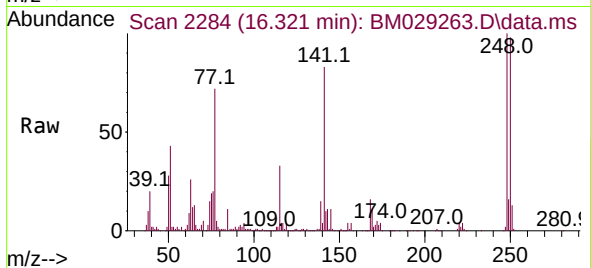




#67  
4-Bromophenyl-phenylether  
Concen: 49.59 ng  
RT: 16.321 min Scan# 2284  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

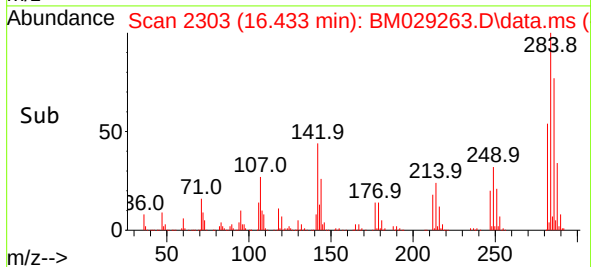
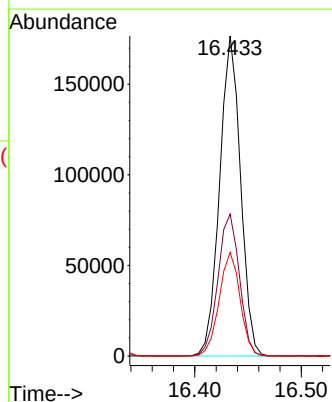
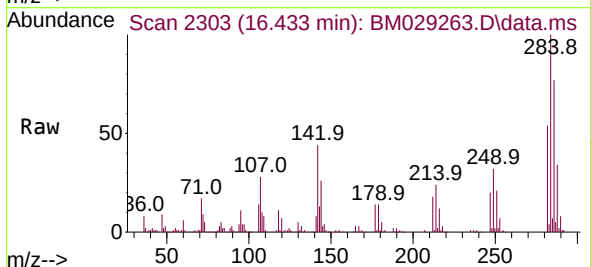
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

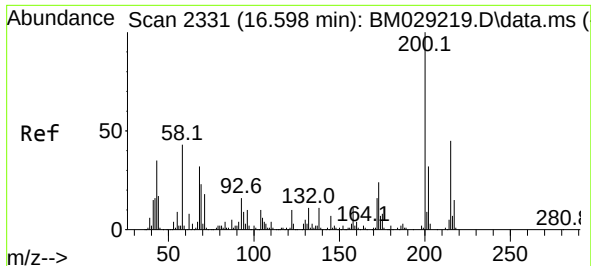
Tgt Ion:248 Resp: 220543  
Ion Ratio Lower Upper  
248 100  
250 97.8 78.4 117.6  
141 82.7 67.1 100.7



#68  
Hexachlorobenzene  
Concen: 45.95 ng  
RT: 16.433 min Scan# 2303  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:284 Resp: 240441  
Ion Ratio Lower Upper  
284 100  
142 44.3 33.4 50.2  
249 32.4 25.9 38.9

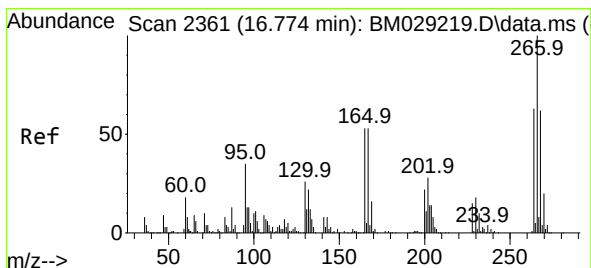
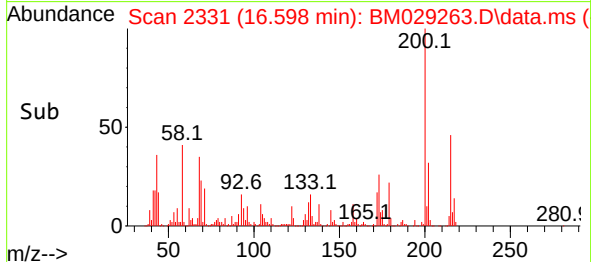
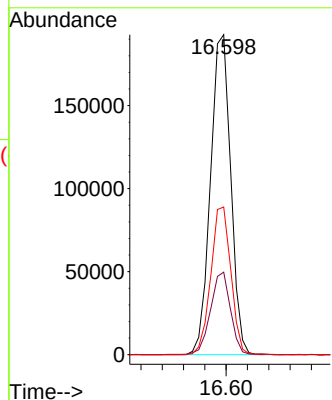
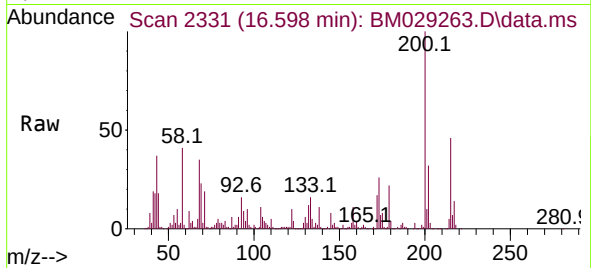




#69  
Atrazine  
Concen: 51.80 ng  
RT: 16.598 min Scan# 2331  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

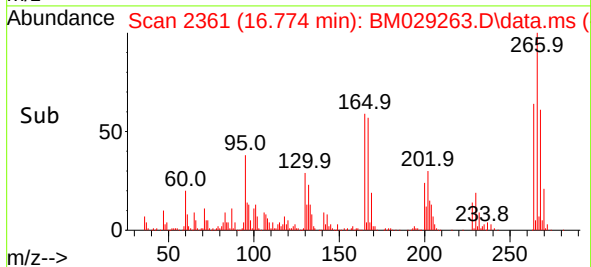
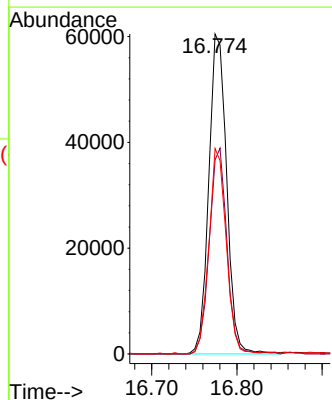
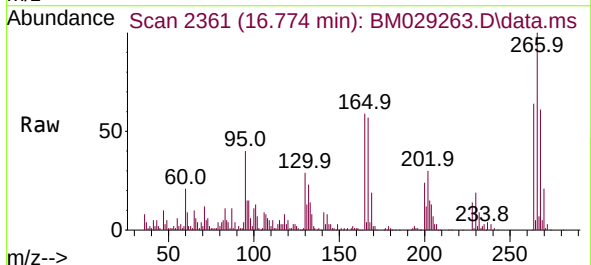
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

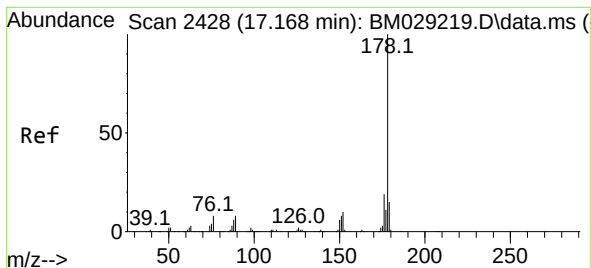
Tgt Ion:200 Resp: 254007  
Ion Ratio Lower Upper  
200 100  
173 25.8 6.1 46.1  
215 46.2 23.8 63.8



#70  
Pentachlorophenol  
Concen: 27.33 ng  
RT: 16.774 min Scan# 2361  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:266 Resp: 88098  
Ion Ratio Lower Upper  
266 100  
268 60.6 52.2 78.2  
264 64.2 50.9 76.3

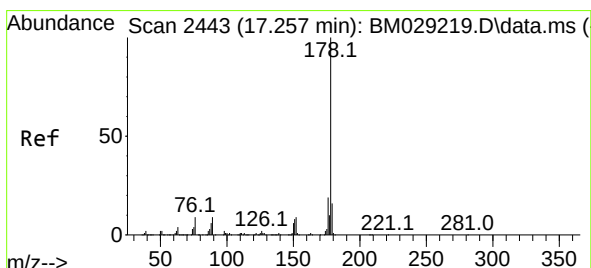
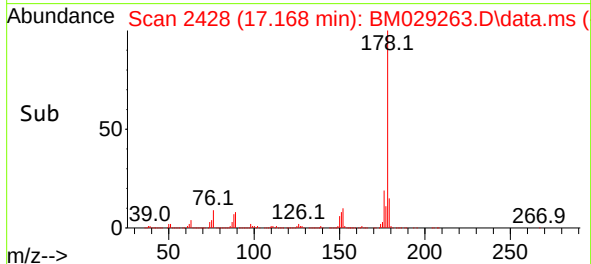
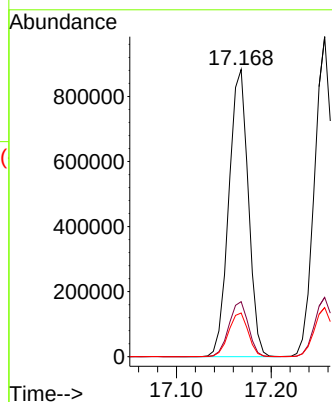
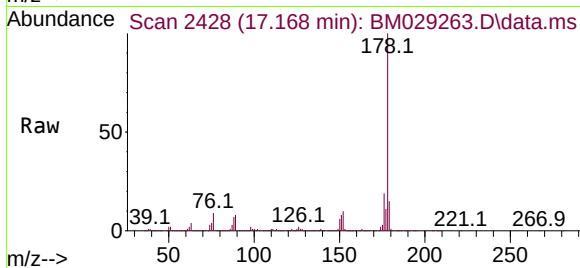




#71  
Phenanthrene  
Concen: 44.69 ng  
RT: 17.168 min Scan# 2428  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

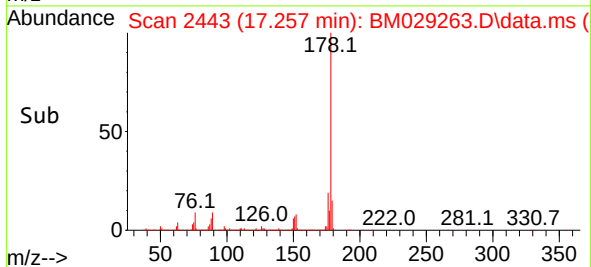
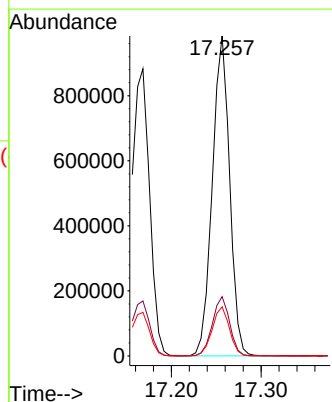
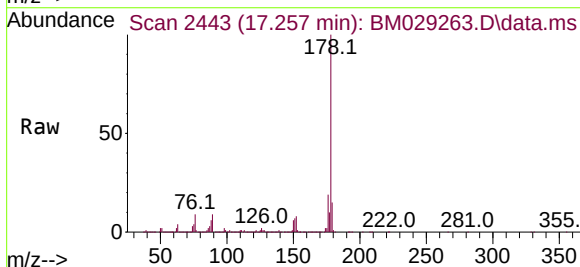
Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

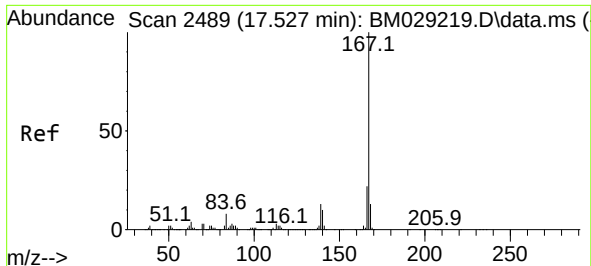
Tgt Ion:178 Resp: 1257388  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.7 23.5  
179 15.2 11.9 17.9



#72  
Anthracene  
Concen: 48.22 ng  
RT: 17.257 min Scan# 2443  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:178 Resp: 1317989  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.9 22.3  
179 15.3 12.1 18.1

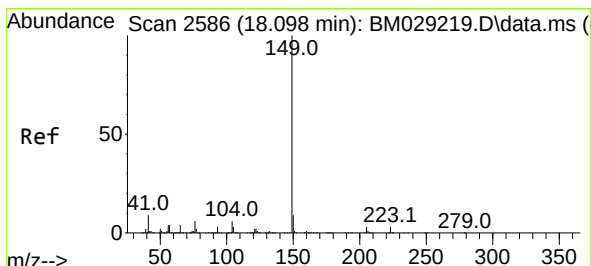
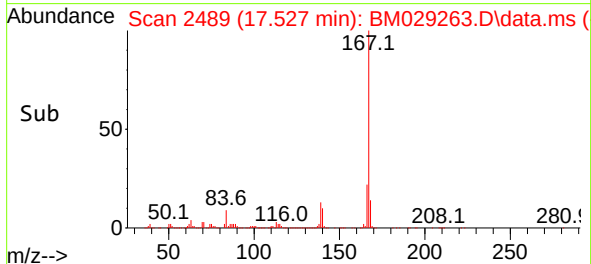
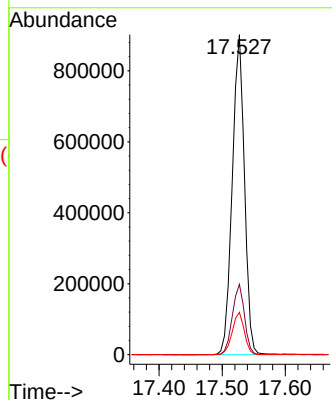
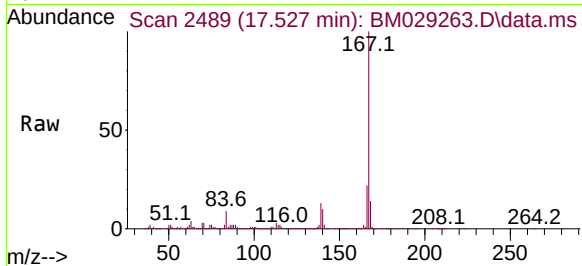




#73  
 Carbazole  
 Concen: 44.94 ng  
 RT: 17.527 min Scan# 2489  
 Delta R.T. 0.011 min  
 Lab File: BM029263.D  
 Acq: 30 Mar 2021 02:35

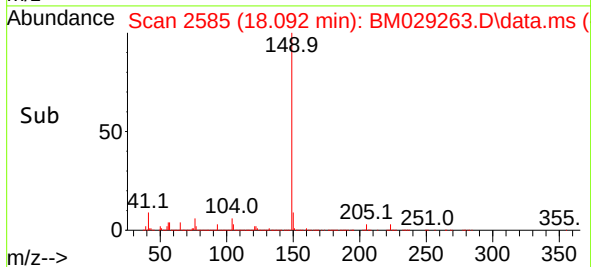
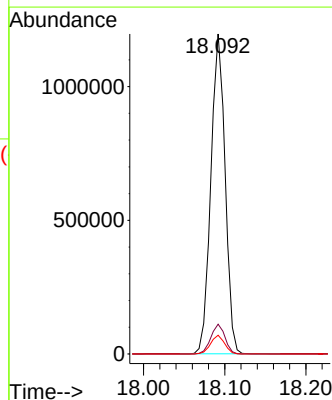
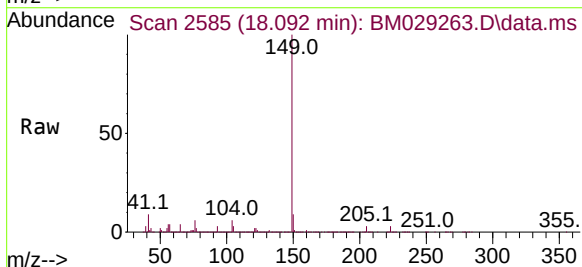
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

Tgt Ion:167 Resp: 1208670  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.5 26.3  
 139 13.2 10.6 15.8

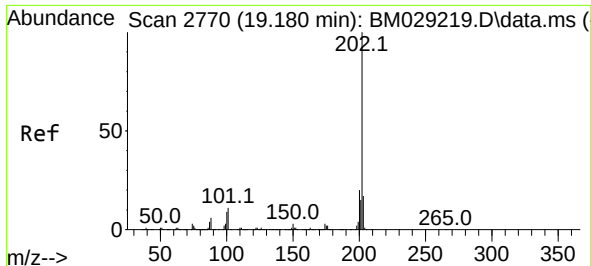


#74  
 Di-n-butylphthalate  
 Concen: 56.09 ng  
 RT: 18.092 min Scan# 2585  
 Delta R.T. 0.006 min  
 Lab File: BM029263.D  
 Acq: 30 Mar 2021 02:35

Tgt Ion:149 Resp: 1455036  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 5.9 4.6 6.8



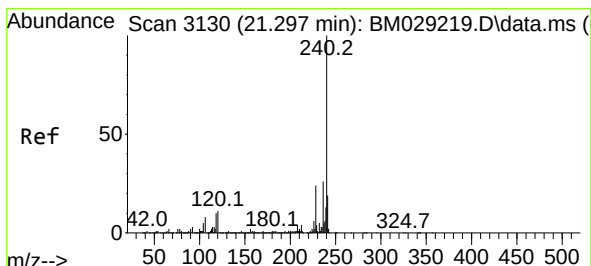
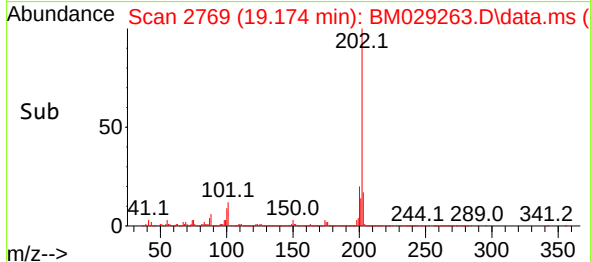
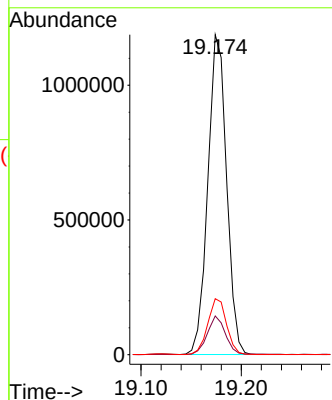
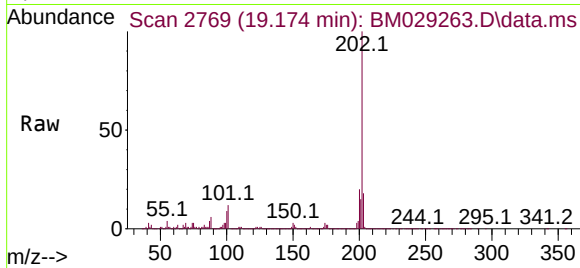




#75  
Fluoranthene  
Concen: 49.66 ng  
RT: 19.174 min Scan# 2769  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

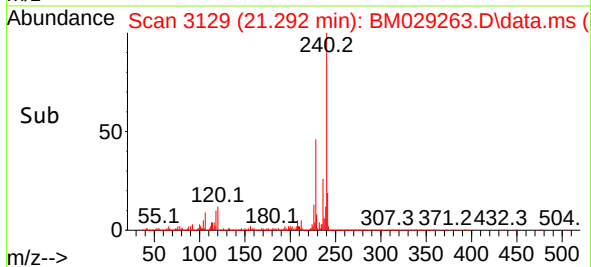
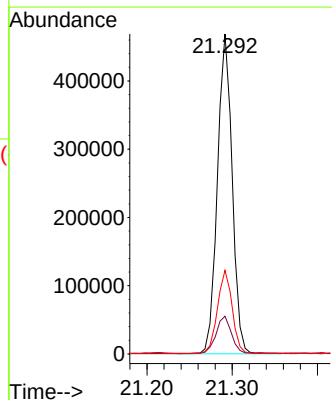
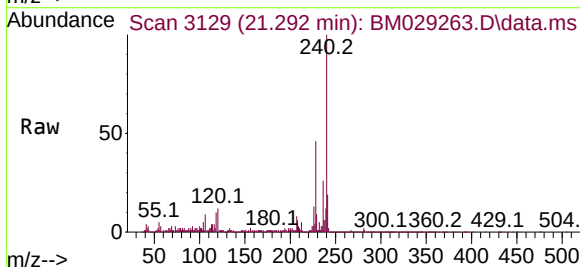
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

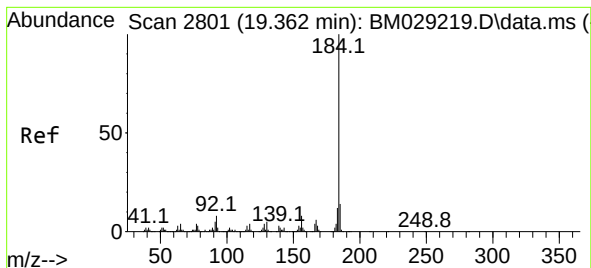
Tgt Ion:202 Resp: 1543542  
Ion Ratio Lower Upper  
202 100  
101 12.1 0.0 31.5  
203 17.5 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.292 min Scan# 3129  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:240 Resp: 562227  
Ion Ratio Lower Upper  
240 100  
120 11.8 9.0 13.6  
236 26.1 20.3 30.5

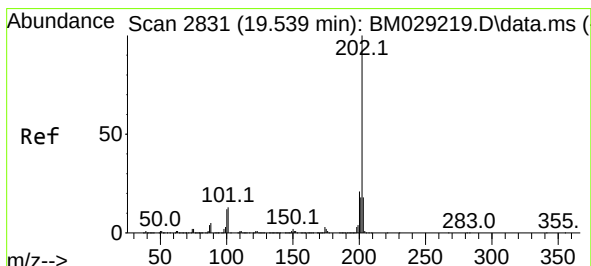
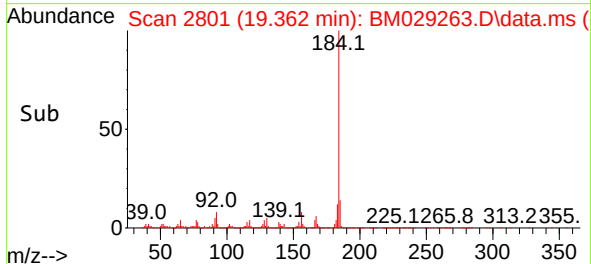
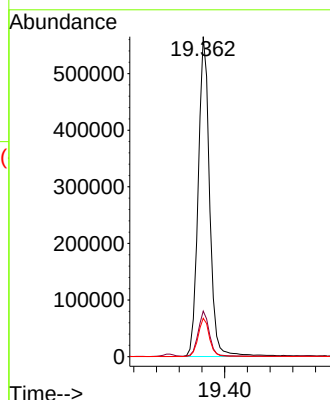
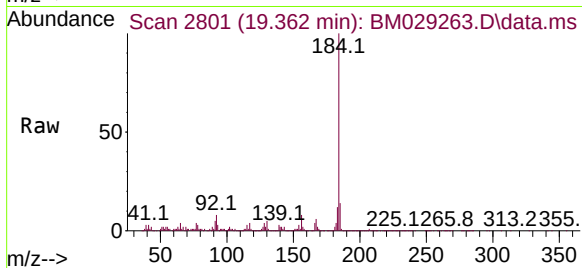




#77  
Benzidine  
Concen: 48.87 ng  
RT: 19.362 min Scan# 2801  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

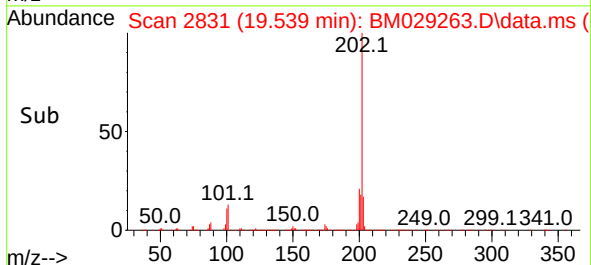
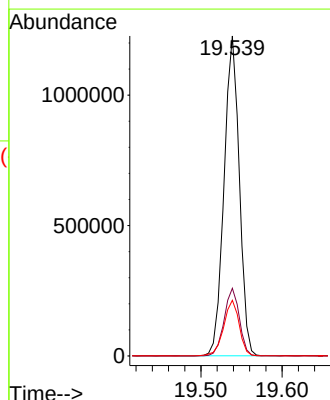
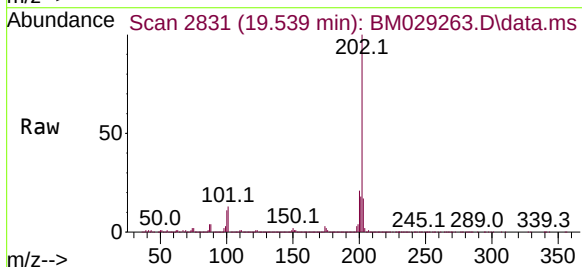
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

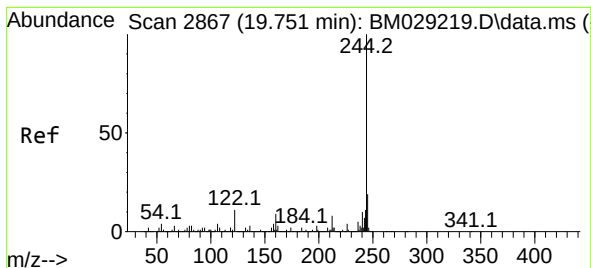
Tgt Ion:184 Resp: 793726  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.3 16.9  
183 12.0 9.8 14.6



#78  
Pyrene  
Concen: 42.21 ng  
RT: 19.539 min Scan# 2831  
Delta R.T. 0.006 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:202 Resp: 1606709  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 68.01 ng

RT: 19.745 min Scan# 2866

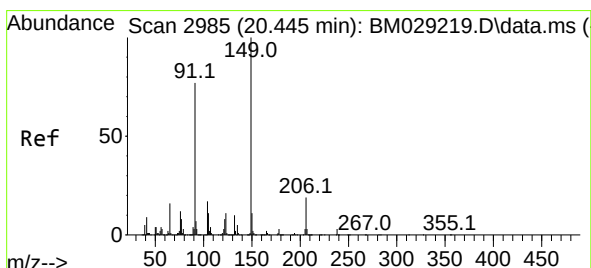
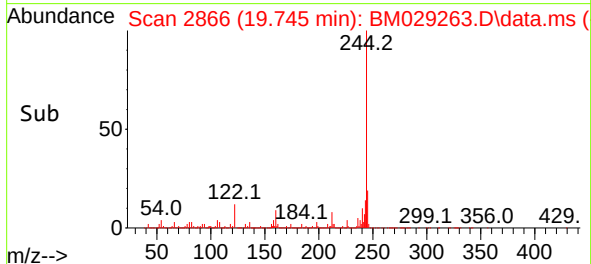
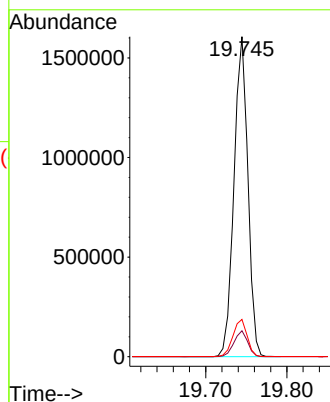
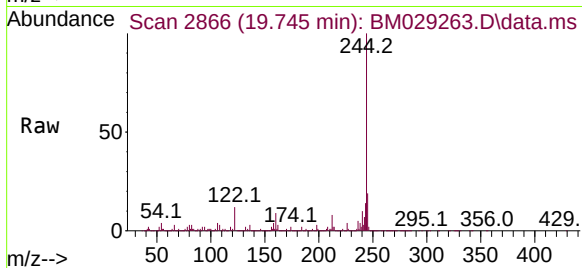
Delta R.T. 0.006 min

Lab File: BM029263.D

Acq: 30 Mar 2021 02:35

Tgt Ion:244 Resp: 1903355

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.1   | 6.5   | 9.7   |
| 122 | 11.7  | 9.2   | 13.8  |



#80

Butylbenzylphthalate

Concen: 52.45 ng

RT: 20.439 min Scan# 2984

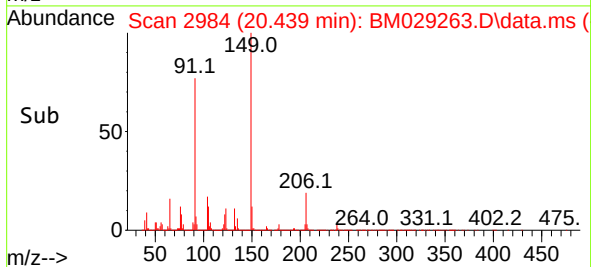
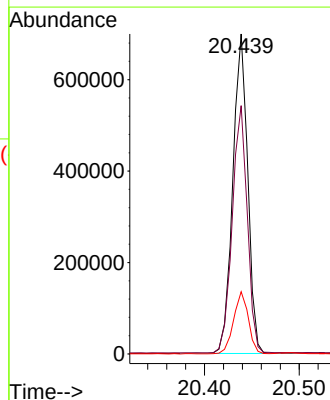
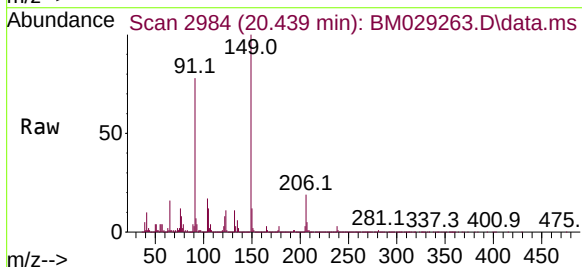
Delta R.T. 0.006 min

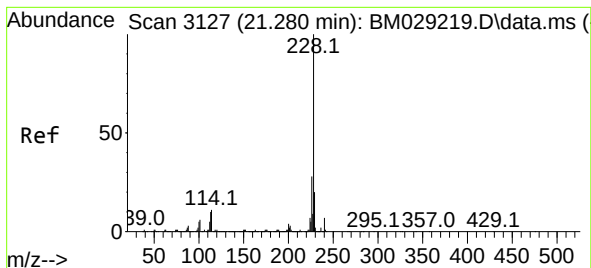
Lab File: BM029263.D

Acq: 30 Mar 2021 02:35

Tgt Ion:149 Resp: 762949

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 77.6  | 60.5  | 90.7  |
| 206 | 19.5  | 15.7  | 23.5  |





#81

Benzo(a)anthracene

Concen: 47.84 ng

RT: 21.274 min Scan# 3126

Delta R.T. 0.006 min

Lab File: BM029263.D

Acq: 30 Mar 2021 02:35

Tgt Ion:228 Resp: 1755404

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

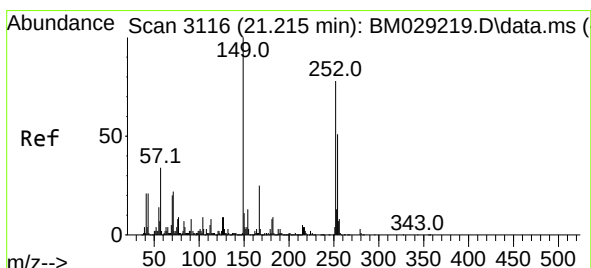
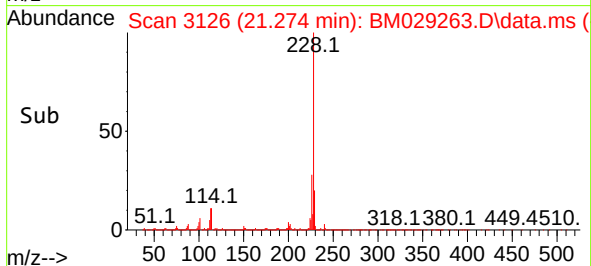
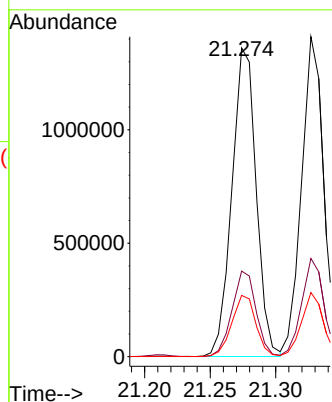
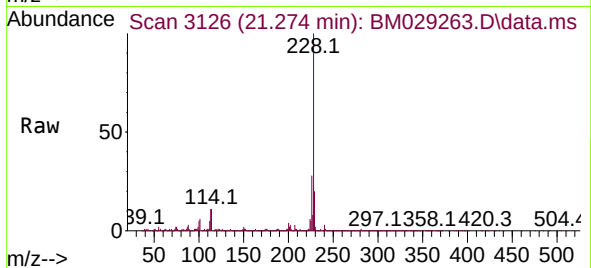
229 19.9 15.7 23.5

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD



#82

3,3'-Dichlorobenzidine

Concen: 41.87 ng

RT: 21.209 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BM029263.D

Acq: 30 Mar 2021 02:35

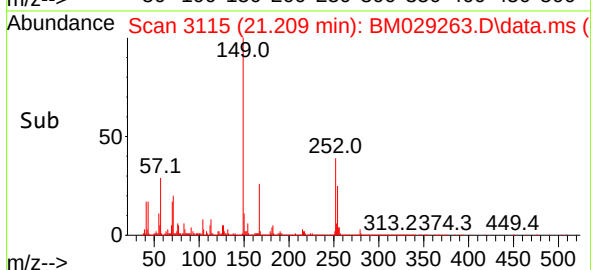
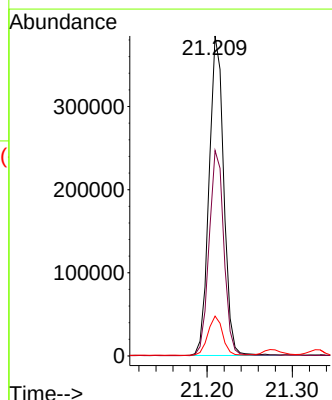
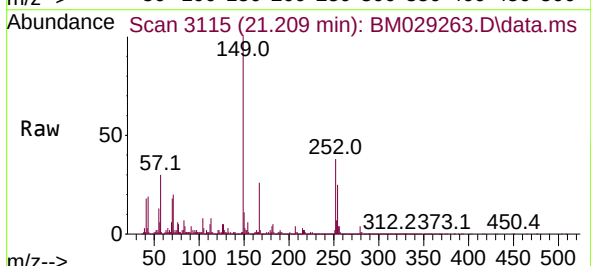
Tgt Ion:252 Resp: 459208

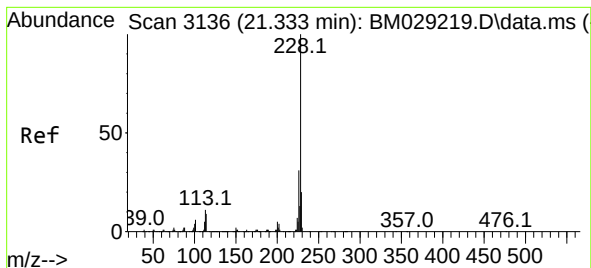
Ion Ratio Lower Upper

252 100

254 64.2 52.6 78.8

126 12.5 10.8 16.2





#83

Chrysene

Concen: 44.77 ng

RT: 21.327 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BM029263.D

Acq: 30 Mar 2021 02:35

Tgt Ion:228 Resp: 1643515

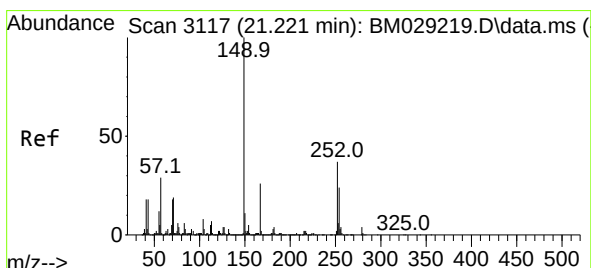
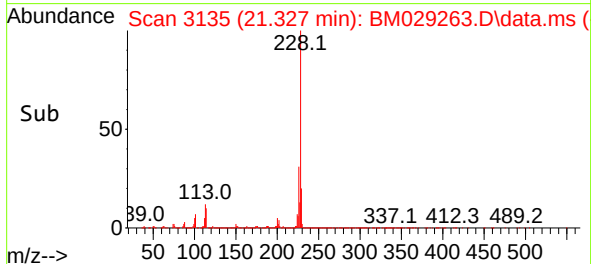
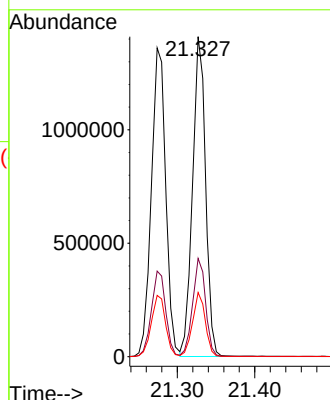
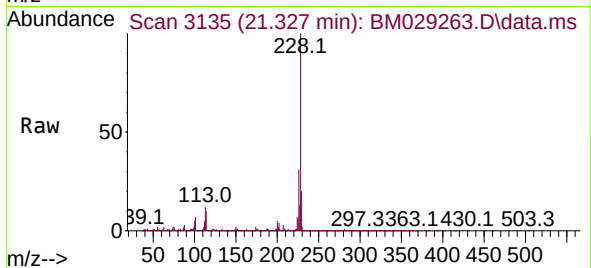
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.7  | 24.7  | 37.1  |
| 229 | 20.0  | 15.8  | 23.6  |

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.26 ng

RT: 21.215 min Scan# 3116

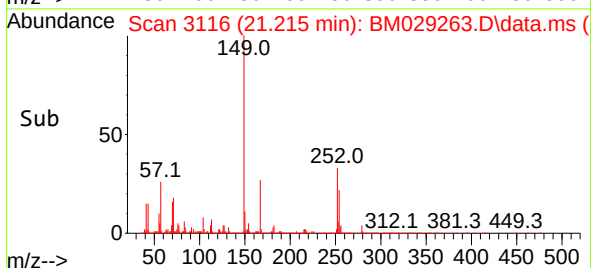
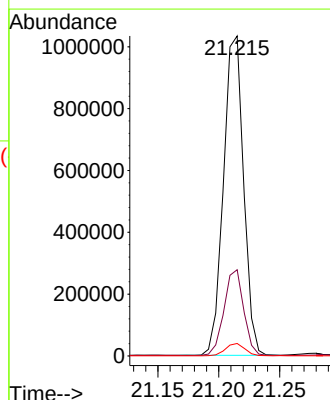
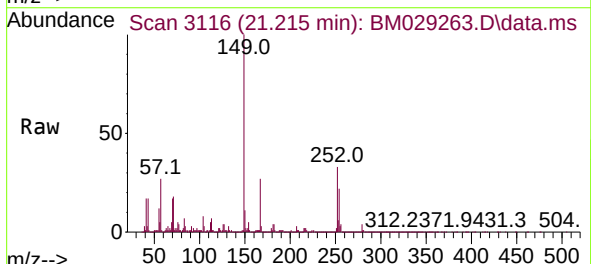
Delta R.T. 0.006 min

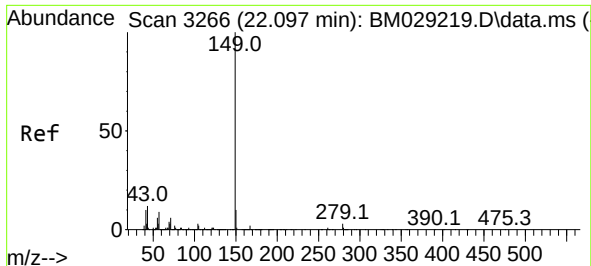
Lab File: BM029263.D

Acq: 30 Mar 2021 02:35

Tgt Ion:149 Resp: 1187461

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.0  | 20.6  | 31.0  |
| 279 | 3.9   | 3.3   | 4.9   |

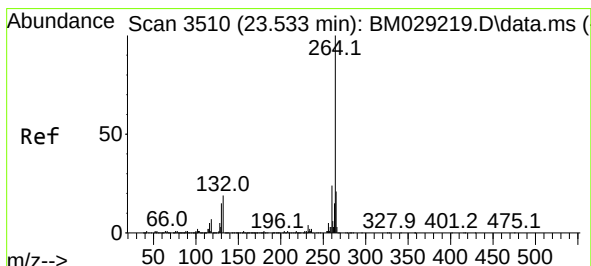
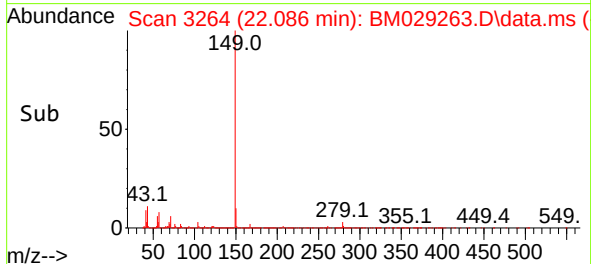
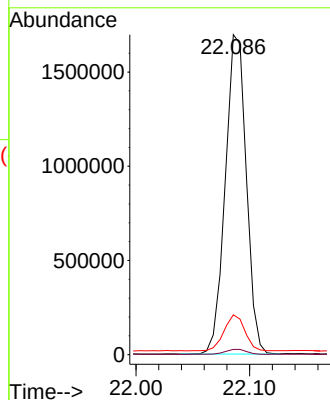
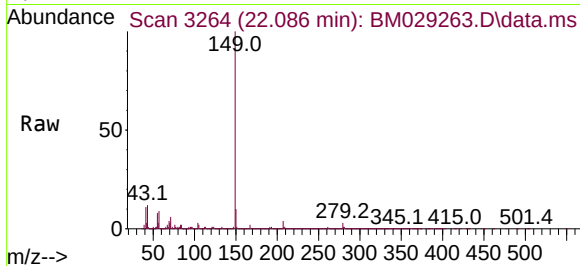




#85  
Di-n-octyl phthalate  
Concen: 62.31 ng  
RT: 22.086 min Scan# 3264  
Delta R.T. -0.000 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

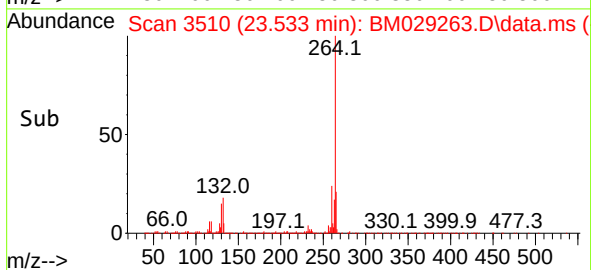
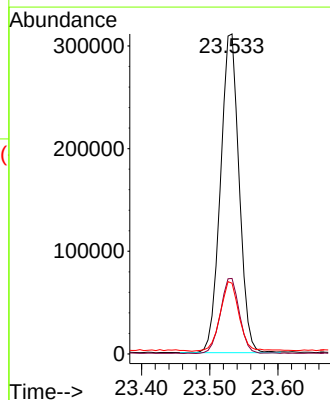
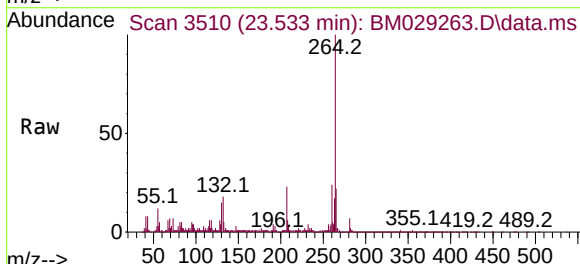
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

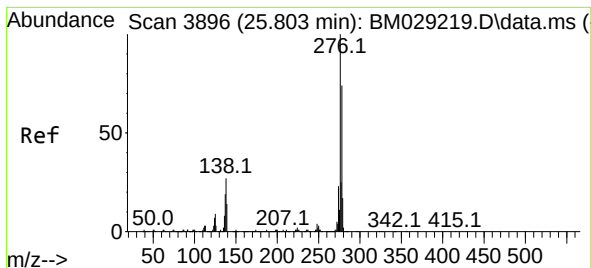
Tgt Ion:149 Resp: 2178599  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.2 9.8 14.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.533 min Scan# 3510  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:264 Resp: 589748  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.6 29.4  
265 22.1 17.8 26.8

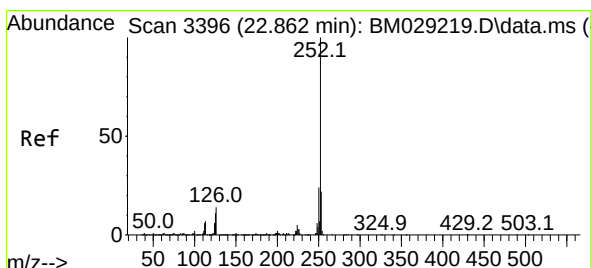
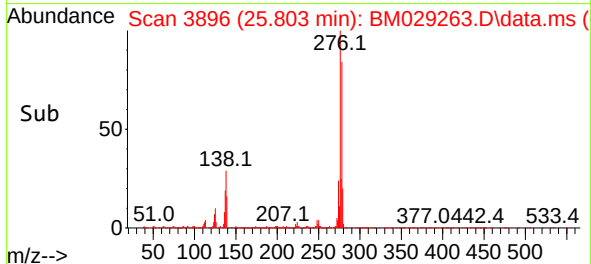
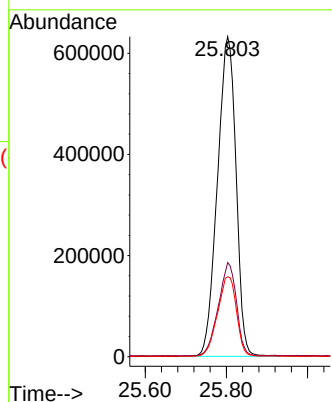
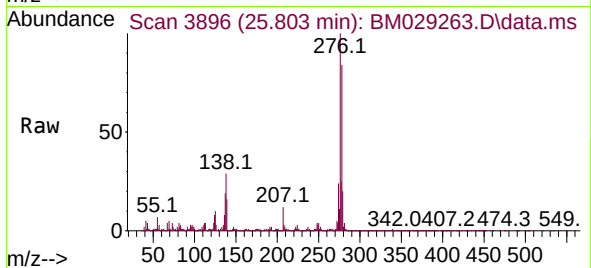




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.71 ng  
RT: 25.803 min Scan# 3896  
Delta R.T. 0.023 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

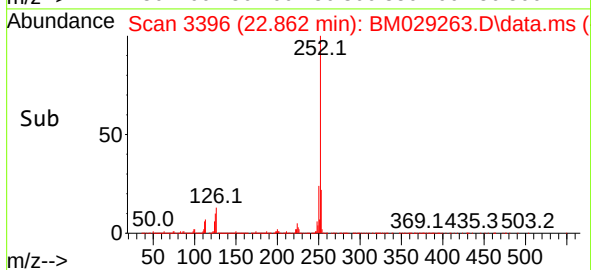
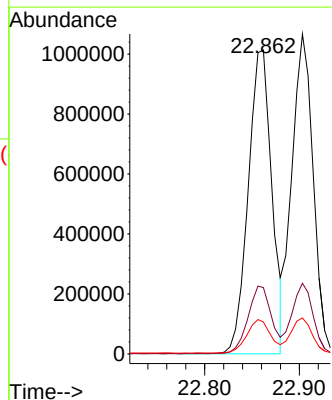
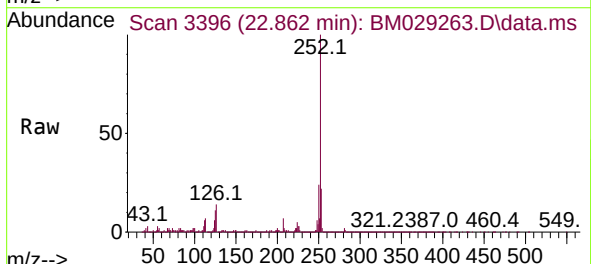
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

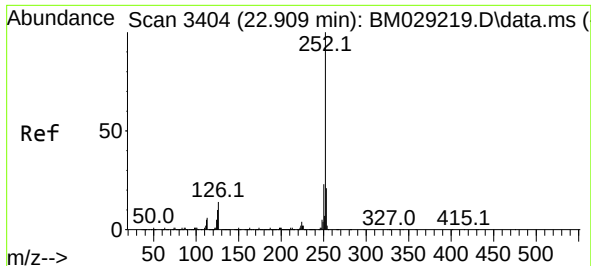
Tgt Ion:276 Resp: 2014696  
Ion Ratio Lower Upper  
276 100  
138 28.2 22.6 34.0  
277 25.3 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 45.78 ng  
RT: 22.862 min Scan# 3396  
Delta R.T. 0.017 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:252 Resp: 1756383  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 10.6 9.0 13.4

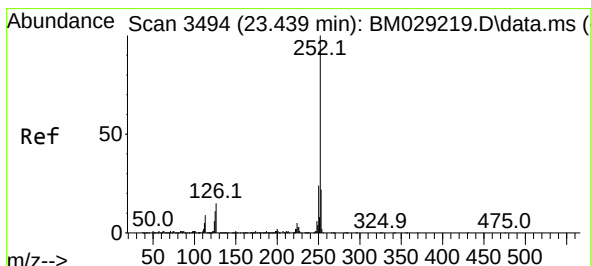
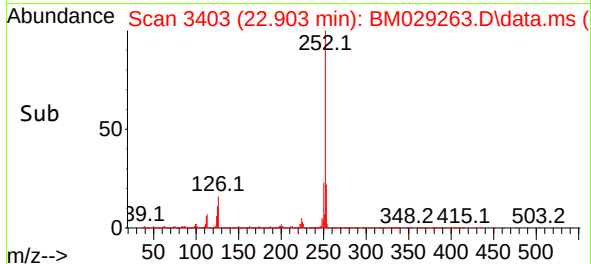
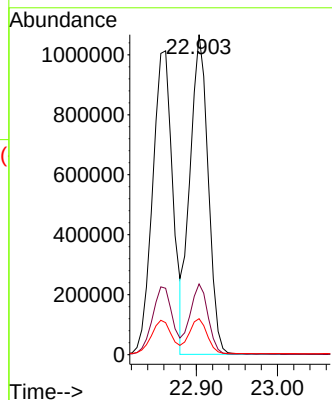
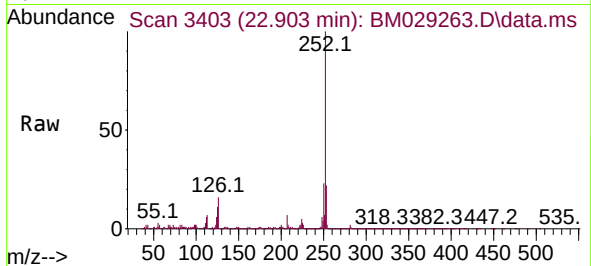




#89  
Benzo(k)fluoranthene  
Concen: 44.60 ng  
RT: 22.903 min Scan# 3403  
Delta R.T. 0.011 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

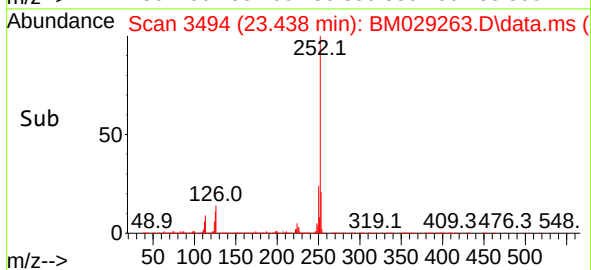
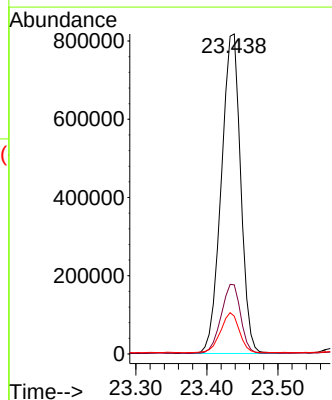
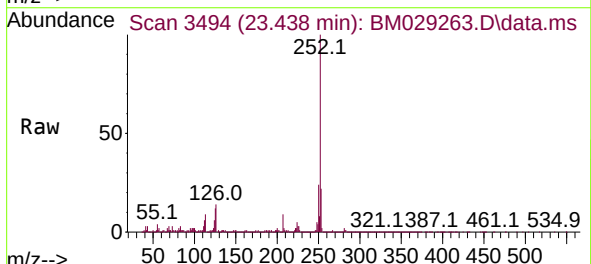
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

Tgt Ion:252 Resp: 1662712  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 11.2 8.7 13.1

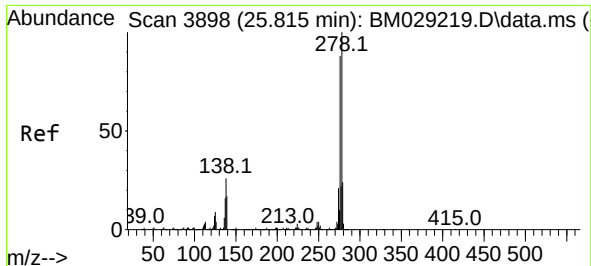


#90  
Benzo(a)pyrene  
Concen: 44.40 ng  
RT: 23.438 min Scan# 3494  
Delta R.T. 0.017 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:252 Resp: 1543149  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.0 25.4  
125 11.8 9.5 14.3



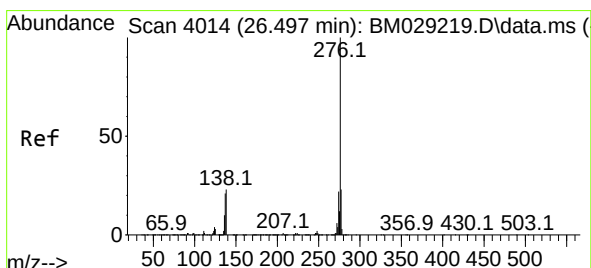
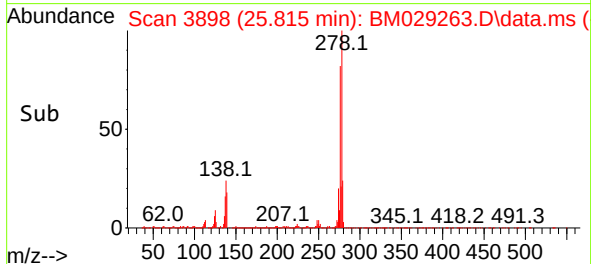
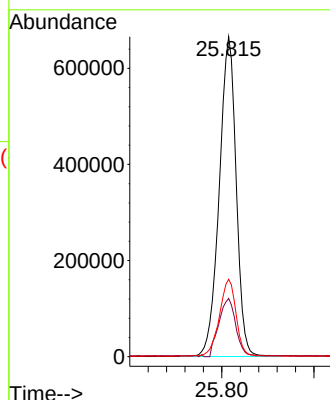
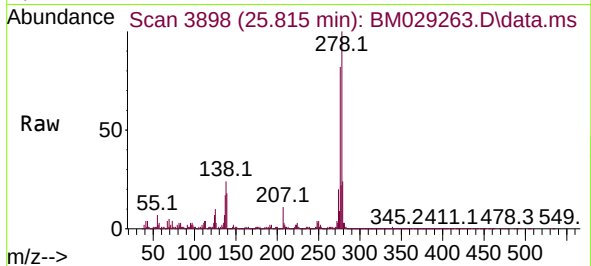




#91  
Dibenzo(a,h)anthracene  
Concen: 45.85 ng  
RT: 25.815 min Scan# 3898  
Delta R.T. 0.023 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Instrument :  
BNA\_M  
ClientSampled :  
SP-1MSD

Tgt Ion:278 Resp: 1692845  
Ion Ratio Lower Upper  
278 100  
139 18.2 14.8 22.2  
279 24.2 19.3 28.9



#92  
Benzo(g,h,i)perylene  
Concen: 45.12 ng  
RT: 26.497 min Scan# 4014  
Delta R.T. 0.023 min  
Lab File: BM029263.D  
Acq: 30 Mar 2021 02:35

Tgt Ion:276 Resp: 1632348  
Ion Ratio Lower Upper  
276 100  
277 23.3 18.7 28.1  
138 24.5 19.0 28.4

