

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020321\  
 Data File : BM028644.D  
 Acq On : 03 Feb 2021 15:08  
 Operator : CG/JU  
 Sample : M1292-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OU421-005-0510MS

Quant Time: Feb 03 15:44:19 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 29 16:19:07 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.928  | 152  | 26162    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.739 | 136  | 103003   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.580 | 164  | 57589    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.315 | 188  | 115496   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.462 | 240  | 112011   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.721 | 264  | 117916   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 170597   | 103.01 | ng    | -0.01    |
| 7) Phenol-d6                  | 7.104  | 99   | 218438   | 96.87  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 9.104  | 82   | 131555   | 60.58  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.068 | 330  | 78014    | 102.24 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.198 | 172  | 279699   | 60.93  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.915 | 244  | 342020   | 55.14  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.257  | 88   | 22306    | 33.57  | ng    | # 71     |
| 3) Pyridine                   | 3.687  | 79   | 66675    | 36.24  | ng    | # 56     |
| 4) n-Nitrosodimethylamine     | 3.593  | 42   | 38536    | 36.43  | ng    | # 65     |
| 6) Aniline                    | 7.251  | 93   | 38849    | 15.90  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.492  | 128  | 85229    | 46.28  | ng    | 94       |
| 9) Benzaldehyde               | 7.063  | 77   | 36911    | 31.46  | ng    | 81       |
| 10) Phenol                    | 7.134  | 94   | 102786   | 48.37  | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 7.351  | 93   | 75136    | 43.84  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.810  | 146  | 91609    | 42.16  | ng    | # 92     |
| 13) 1,4-Dichlorobenzene       | 7.963  | 146  | 92443    | 42.07  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.281  | 146  | 89197    | 42.31  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.181  | 79   | 67892    | 43.21  | ng    | # 85     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.463  | 45   | 113515   | 36.70  | ng    | 72       |
| 17) 2-Methylphenol            | 8.386  | 107  | 66862    | 45.43  | ng    | # 87     |
| 18) Hexachloroethane          | 9.004  | 117  | 33561    | 40.57  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.745  | 70   | 56420    | 42.02  | ng    | # 72     |
| 20) 3+4-Methylphenols         | 8.722  | 107  | 89775    | 45.48  | ng    | 89       |
| 22) Acetophenone              | 8.763  | 105  | 114509   | 42.88  | ng    | # 90     |
| 24) Nitrobenzene              | 9.145  | 77   | 85451    | 40.76  | ng    | # 86     |
| 25) Isophorone                | 9.669  | 82   | 150455   | 45.22  | ng    | 96       |
| 26) 2-Nitrophenol             | 9.857  | 139  | 45037    | 47.47  | ng    | # 78     |
| 27) 2,4-Dimethylphenol        | 9.922  | 122  | 73194    | 53.06  | ng    | 88       |
| 28) bis(2-Chloroethoxy)met... | 10.151 | 93   | 94928    | 40.42  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.398 | 162  | 74227    | 45.10  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.604 | 180  | 79783    | 40.80  | ng    | 99       |
| 31) Naphthalene               | 10.792 | 128  | 251126   | 43.15  | ng    | 99       |
| 32) Benzoic acid              | 10.086 | 122  | 57427    | 46.26  | ng    | # 81     |
| 33) 4-Chloroaniline           | 10.904 | 127  | 40466    | 16.74  | ng    | # 90     |
| 34) Hexachlorobutadiene       | 11.063 | 225  | 45200    | 38.75  | ng    | 99       |
| 35) Caprolactam               | 11.710 | 113  | 23390    | 43.90  | ng    | # 61     |
| 36) 4-Chloro-3-methylphenol   | 12.045 | 107  | 76558    | 44.73  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 12.404 | 142  | 174853   | 43.58  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.622 | 142  | 162797   | 42.77  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.769 | 216  | 82621    | 43.50  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.739 | 237  | 48640    | 54.82  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.016 | 196  | 56786    | 44.57  | ng    | 98       |

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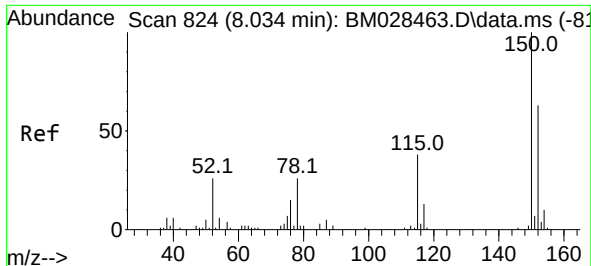
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 29 16:19:07 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.098 | 196  | 61809    | 46.88  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.416 | 154  | 212018   | 43.14  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.457 | 162  | 165556   | 41.22  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.669 | 65   | 49719    | 39.48  | ng    | # 84     |
| 49) Acenaphthylene            | 14.304 | 152  | 264835   | 44.44  | ng    | 100      |
| 50) Dimethylphthalate         | 14.039 | 163  | 202933   | 42.86  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.168 | 165  | 44410    | 44.09  | ng    | # 83     |
| 52) Acenaphthene              | 14.645 | 154  | 157913   | 42.68  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.492 | 138  | 34246    | 30.16  | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 14.710 | 184  | 40452    | 67.43  | ng    | 88       |
| 55) Dibenzofuran              | 14.980 | 168  | 242951   | 42.69  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.821 | 139  | 85034    | 95.11  | ng    | # 71     |
| 57) 2,4-Dinitrotoluene        | 14.957 | 165  | 61372    | 45.74  | ng    | 87       |
| 58) Fluorene                  | 15.627 | 166  | 200720   | 43.05  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.210 | 232  | 53640    | 46.02  | ng    | 95       |
| 60) Diethylphthalate          | 15.398 | 149  | 199385   | 41.48  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.615 | 204  | 94247    | 41.04  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.657 | 138  | 48519    | 39.25  | ng    | # 78     |
| 63) Azobenzene                | 15.910 | 77   | 187248   | 41.50  | ng    | 92       |
| 65) 4,6-Dinitro-2-methylph... | 15.715 | 198  | 26318    | 36.68  | ng    | 81       |
| 66) n-Nitrosodiphenylamine    | 15.833 | 169  | 173138   | 44.77  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.509 | 248  | 58276    | 42.60  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.627 | 284  | 67168    | 42.26  | ng    | 97       |
| 69) Atrazine                  | 16.780 | 200  | 47926    | 41.80  | ng    | 95       |
| 70) Pentachlorophenol         | 16.974 | 266  | 86776    | 100.17 | ng    | 98       |
| 71) Phenanthrene              | 17.357 | 178  | 308948   | 43.50  | ng    | 99       |
| 72) Anthracene                | 17.451 | 178  | 320346   | 46.69  | ng    | 99       |
| 73) Carbazole                 | 17.721 | 167  | 291232   | 44.76  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.268 | 149  | 353652   | 45.18  | ng    | 99       |
| 75) Fluoranthene              | 19.362 | 202  | 358668   | 44.96  | ng    | 97       |
| 77) Benzidine                 | 19.545 | 184  | 44847    | 17.80  | ng    | 99       |
| 78) Pyrene                    | 19.721 | 202  | 364503   | 45.38  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.603 | 149  | 161014   | 45.47  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.444 | 228  | 340427   | 44.01  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.380 | 252  | 96491    | 38.82  | ng    | # 98     |
| 83) Chrysene                  | 21.497 | 228  | 329330   | 44.10  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.362 | 149  | 238291   | 47.59  | ng    | # 95     |
| 85) Di-n-octyl phthalate      | 22.244 | 149  | 414873   | 49.01  | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.021 | 276  | 398868   | 45.40  | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 23.038 | 252  | 353889   | 44.21  | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 23.086 | 252  | 341012   | 43.63  | ng    | # 96     |
| 90) Benzo(a)pyrene            | 23.627 | 252  | 319382   | 43.06  | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 26.032 | 278  | 333239   | 45.85  | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 26.726 | 276  | 330987   | 46.30  | ng    | # 91     |

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

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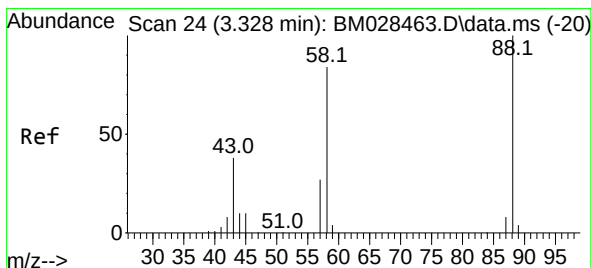
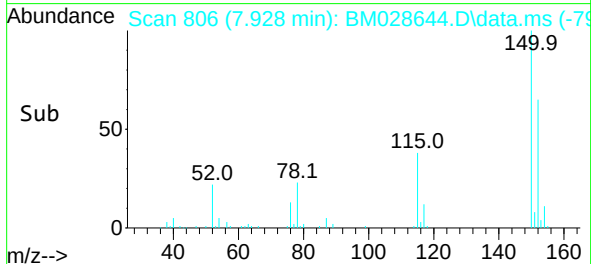
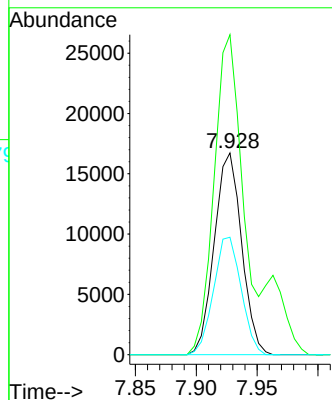
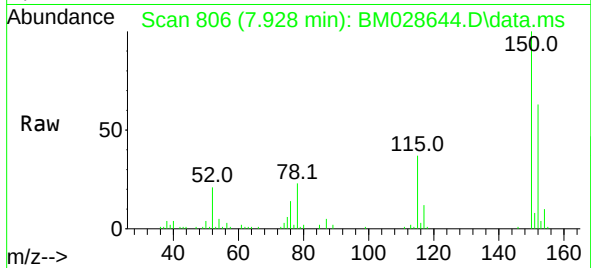




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.928 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

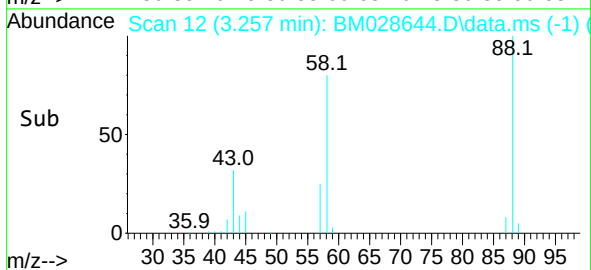
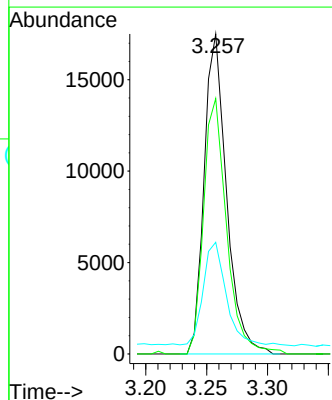
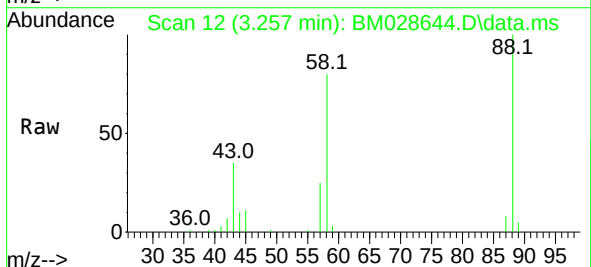
Instrument :  
BNA\_M  
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OU421-005-0510MS

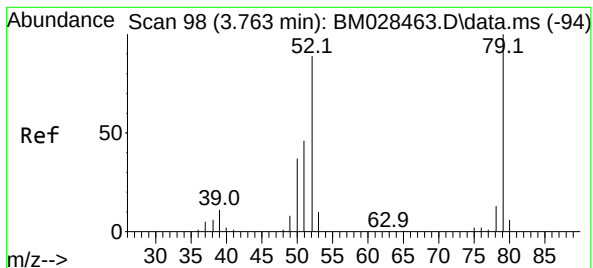
Tgt Ion:152 Resp: 26162  
Ion Ratio Lower Upper  
152 100  
150 158.6 120.6 181.0  
115 58.3 47.2 70.8



#2  
1,4-Dioxane  
Concen: 33.57 ng  
RT: 3.257 min Scan# 12  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion: 88 Resp: 22306  
Ion Ratio Lower Upper  
88 100  
58 82.3 46.2 69.2#  
43 33.8 19.0 28.6#





#3

Pyridine

Concen: 36.24 ng

RT: 3.687 min Scan# 85

Delta R.T. -0.012 min

Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

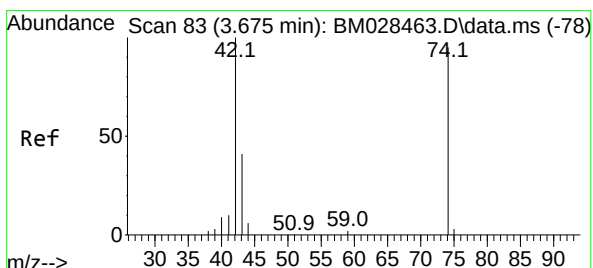
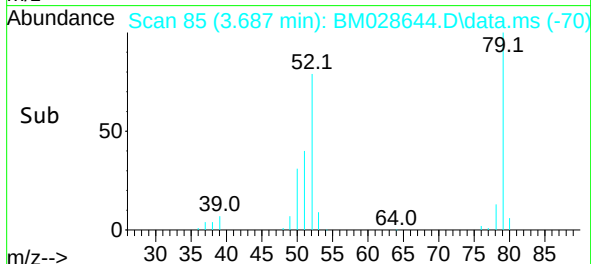
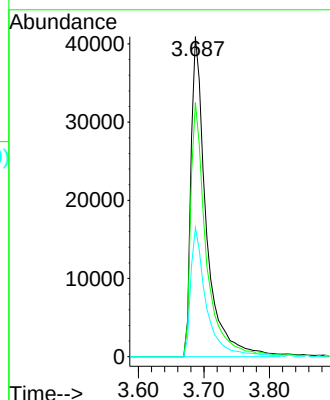
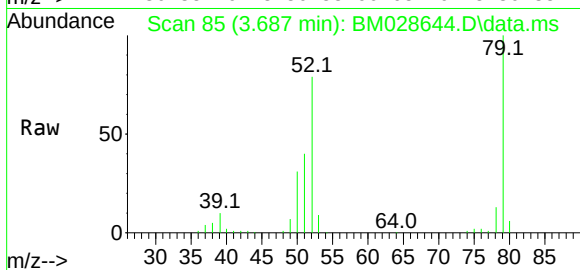
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 66675 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 79.4  | 35.8  | 53.8# |
| 51       | 40.4  | 21.0  | 31.6# |

Instrument :

BNA\_M

ClientSampleId :

OU421-005-0510MS



#4

n-Nitrosodimethylamine

Concen: 36.43 ng

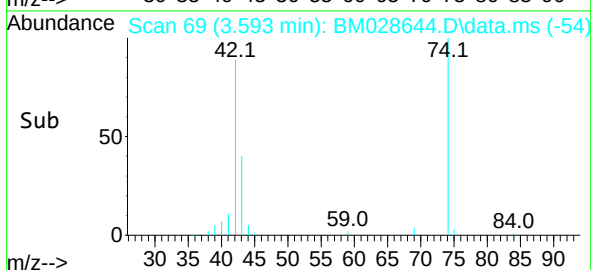
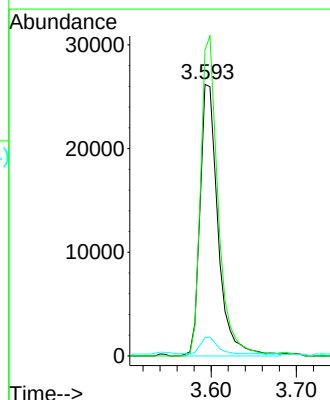
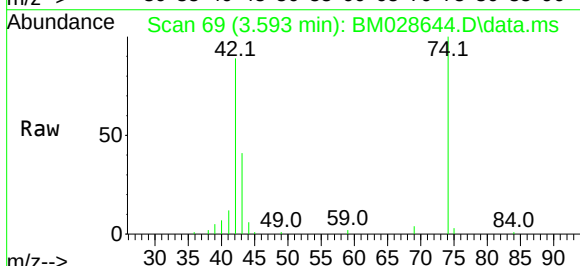
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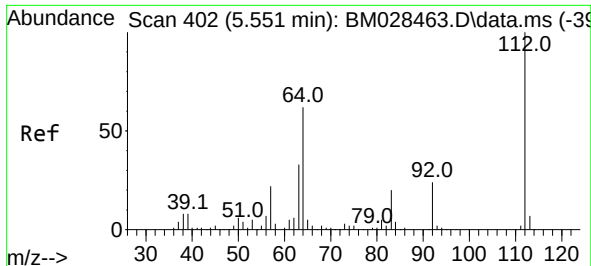
Delta R.T. -0.012 min

Lab File: BM028644.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 38536  |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 112.7 | 127.8 | 191.6# |
| 44       | 6.7   | 4.1   | 6.1#   |

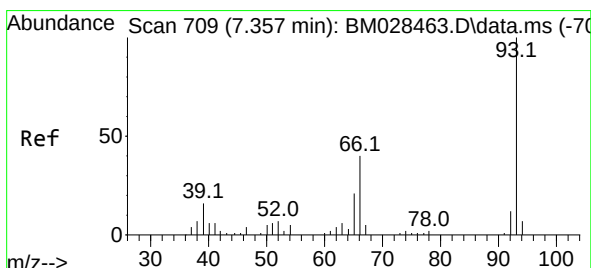
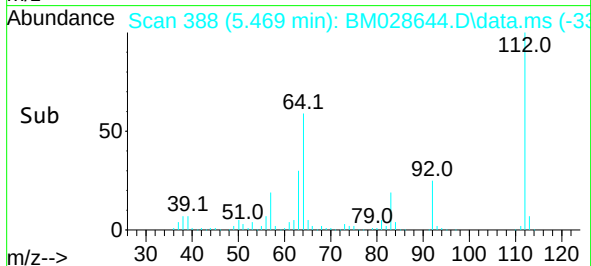
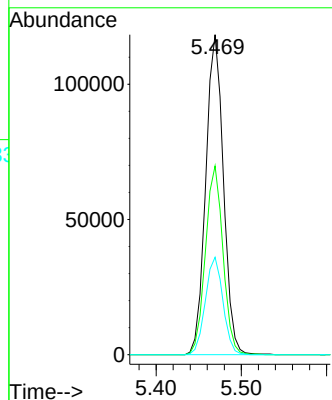
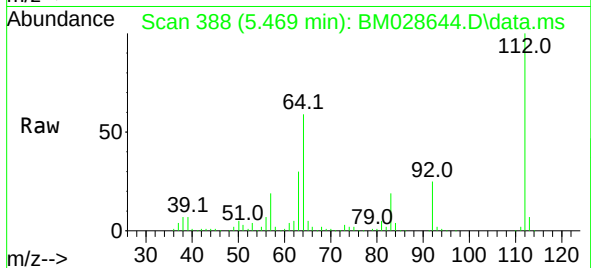




#5  
2-Fluorophenol  
Concen: 103.01 ng  
RT: 5.469 min Scan# 388  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

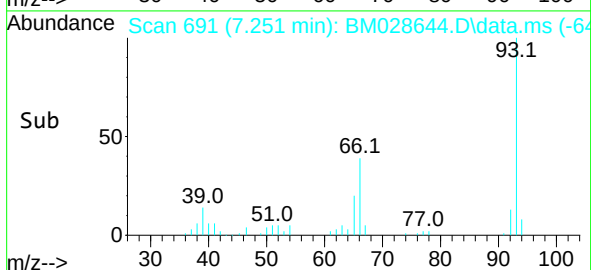
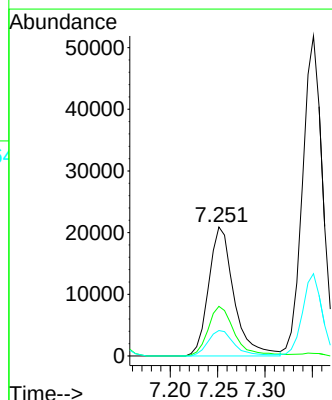
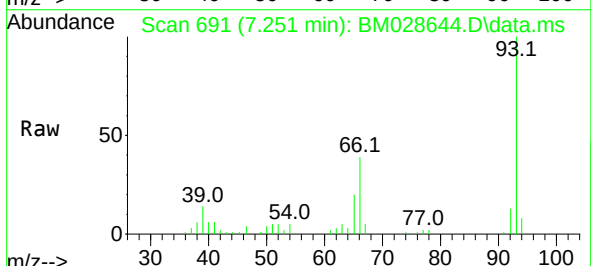
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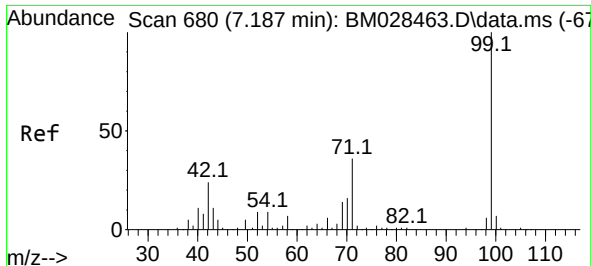
Tgt Ion:112 Resp: 170597  
Ion Ratio Lower Upper  
112 100  
64 59.0 50.6 76.0  
63 30.4 31.0 46.6#



#6  
Aniline  
Concen: 15.90 ng  
RT: 7.251 min Scan# 691  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
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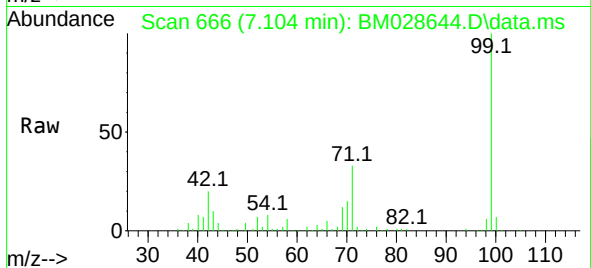
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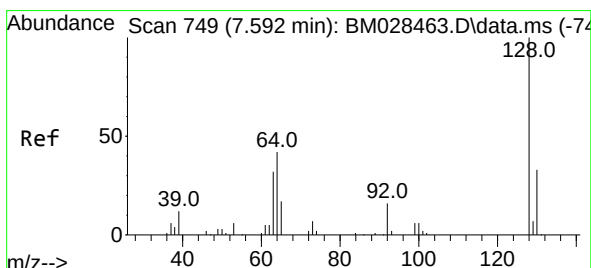
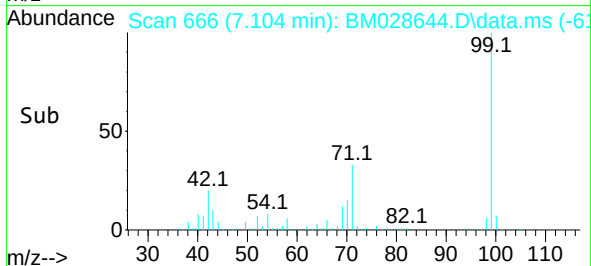
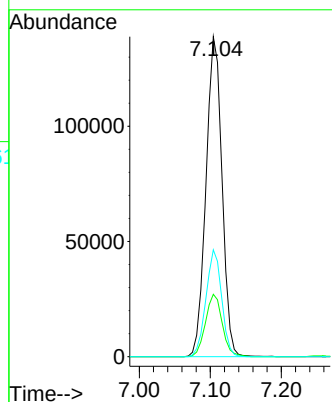


#7  
Phenol-d6  
Concen: 96.87 ng  
RT: 7.104 min Scan# 666  
Delta R.T. -0.018 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

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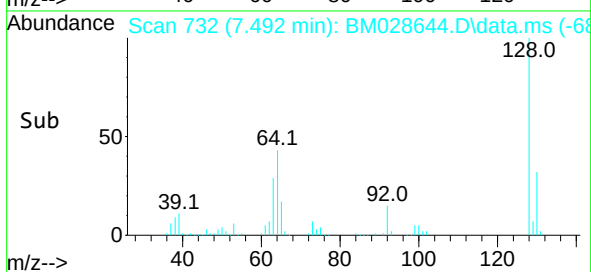
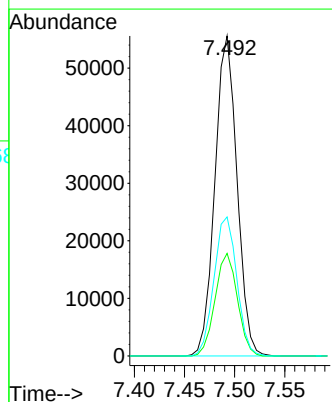
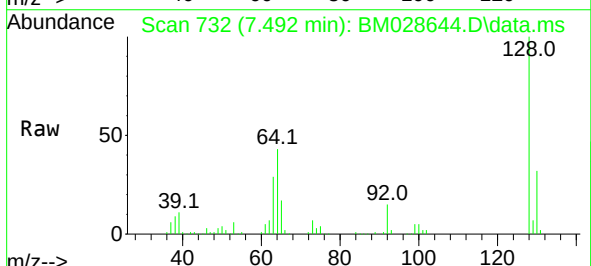


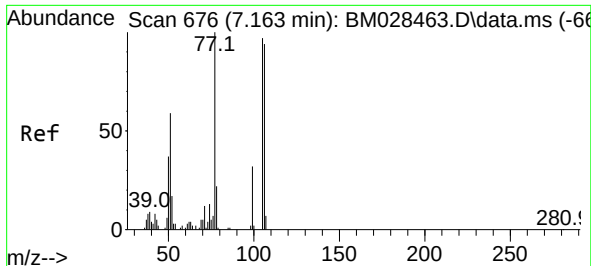
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Ion Ratio Lower Upper  
99 100  
42 19.5 13.5 20.3  
71 33.4 39.4 59.0#



#8  
2-Chlorophenol  
Concen: 46.28 ng  
RT: 7.492 min Scan# 732  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

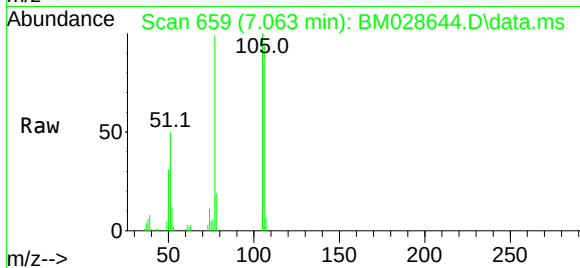
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Ion Ratio Lower Upper  
128 100  
130 32.1 11.5 51.5  
64 43.4 30.1 70.1



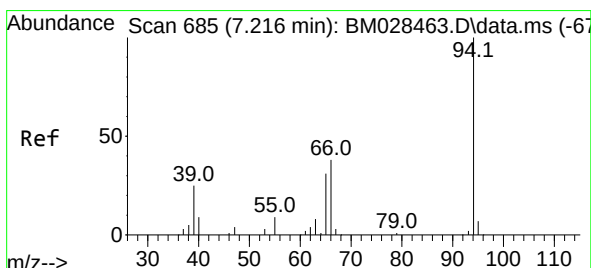
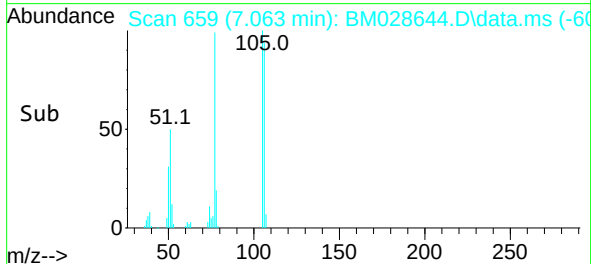
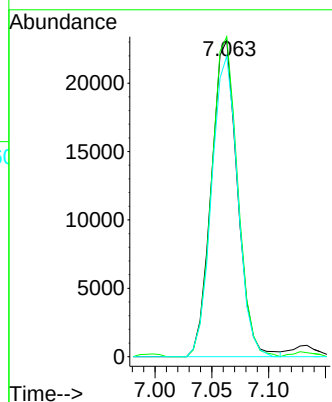


#9  
Benzaldehyde  
Concen: 31.46 ng  
RT: 7.063 min Scan# 659  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

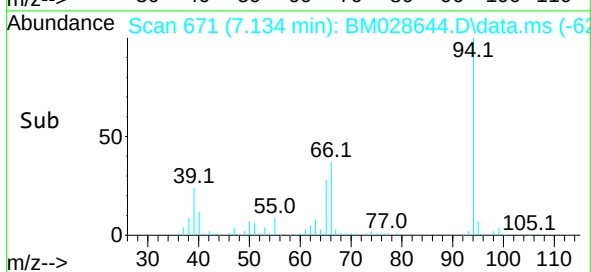
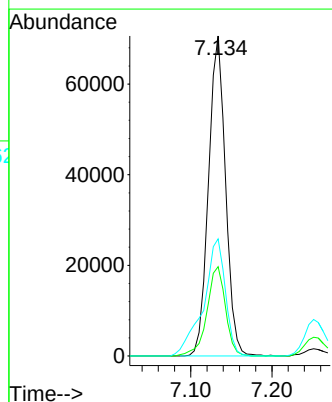
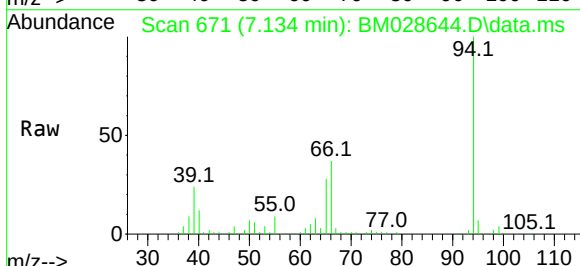


|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 36911 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 105 101.2   | 64.7 104.7  |
| 106 95.1    | 57.5 97.5   |

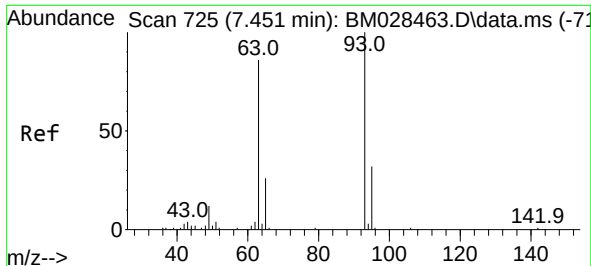


#10  
Phenol  
Concen: 48.37 ng  
RT: 7.134 min Scan# 671  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

|             |              |
|-------------|--------------|
| Tgt Ion: 94 | Resp: 102786 |
| Ion Ratio   | Lower Upper  |
| 94 100      |              |
| 65 27.9     | 16.4 56.4    |
| 66 36.6     | 30.2 70.2    |

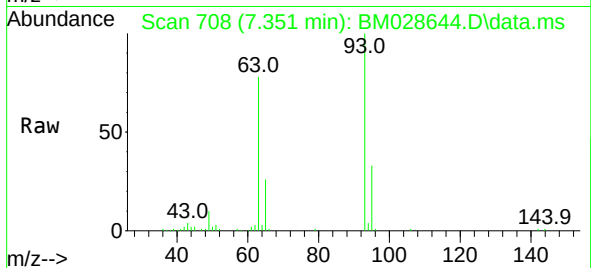




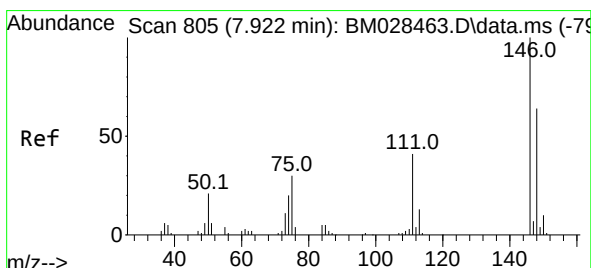
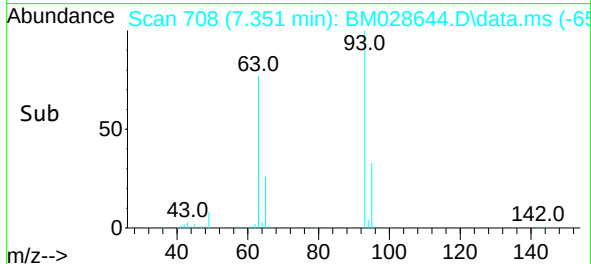
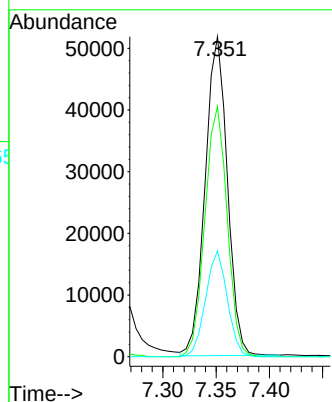


#11  
bis(2-Chloroethyl)ether  
Concen: 43.84 ng  
RT: 7.351 min Scan# 708  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

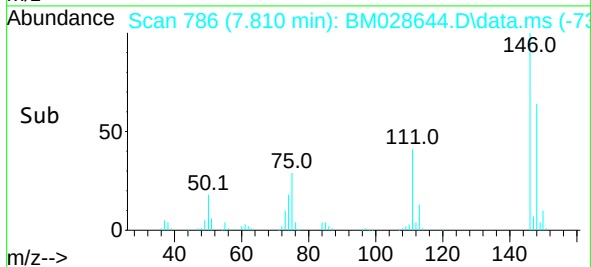
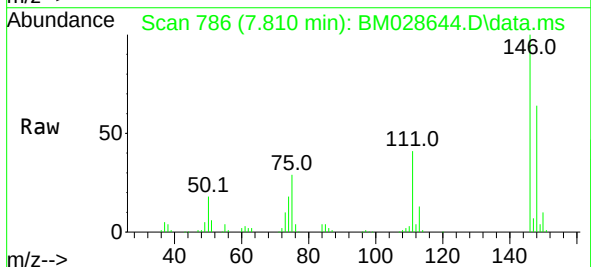
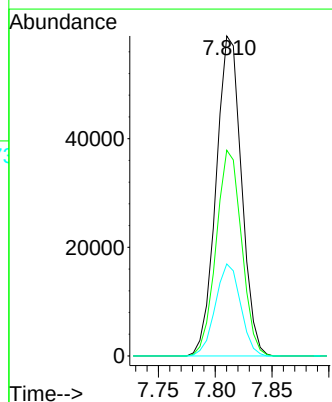


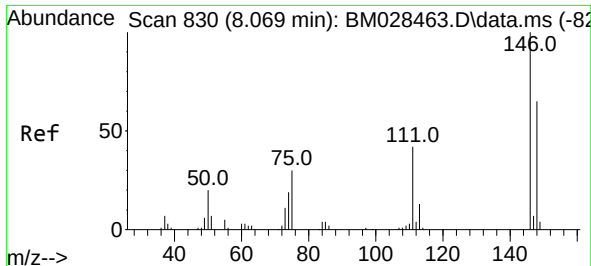
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 75136 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 78.2  | 53.1  | 93.1  |
| 95       | 33.1  | 12.1  | 52.1  |



#12  
1,3-Dichlorobenzene  
Concen: 42.16 ng  
RT: 7.810 min Scan# 786  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 91609 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 64.3  | 51.6  | 77.4  |
| 75       | 28.8  | 33.0  | 49.6  |

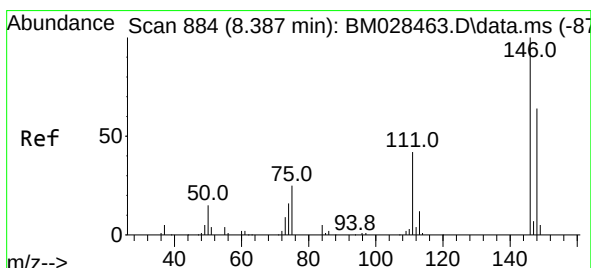
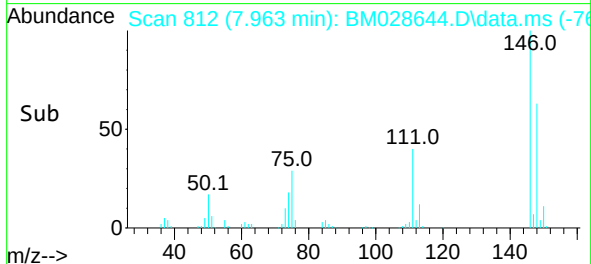
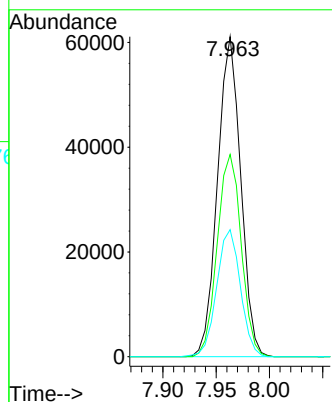
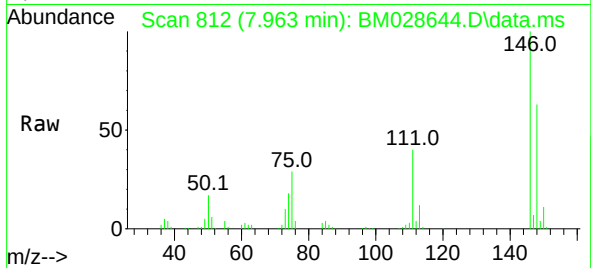




#13  
1,4-Dichlorobenzene  
Concen: 42.07 ng  
RT: 7.963 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

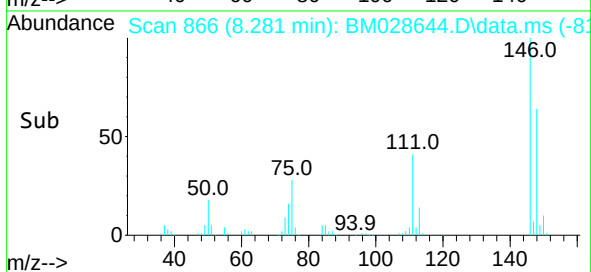
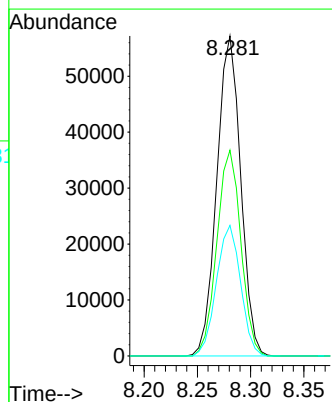
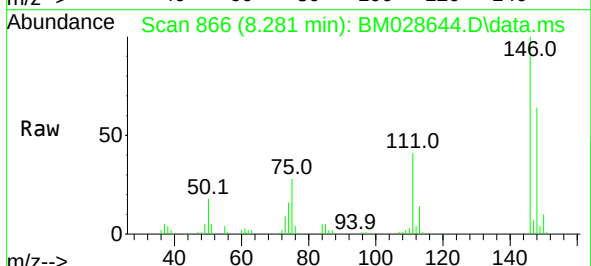
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

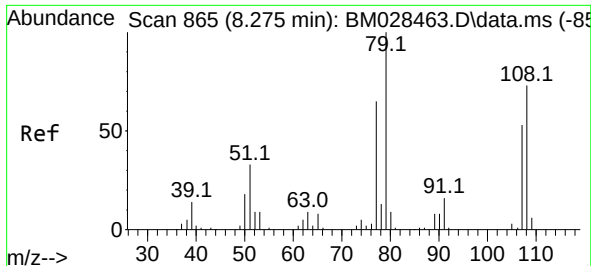
Tgt Ion:146 Resp: 92443  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.4 77.0  
111 39.7 34.4 51.6



#14  
1,2-Dichlorobenzene  
Concen: 42.31 ng  
RT: 8.281 min Scan# 866  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

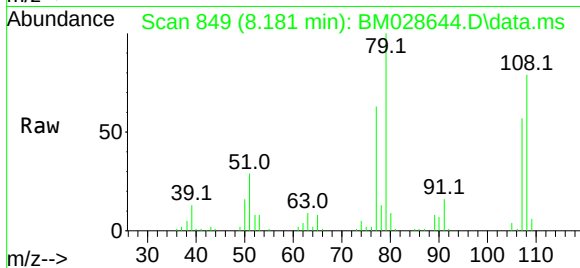
Tgt Ion:146 Resp: 89197  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.3 76.9  
111 40.8 35.4 53.0



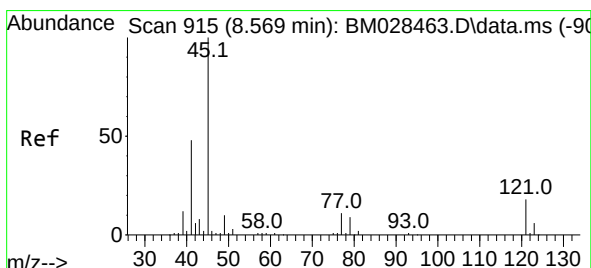
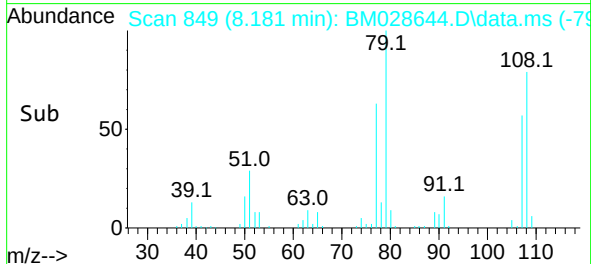
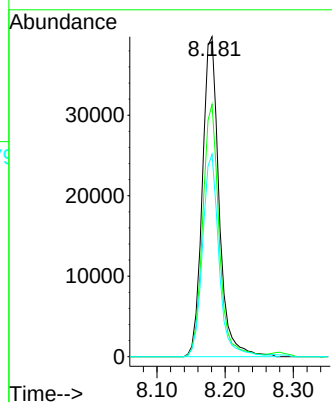


#15  
Benzyl Alcohol  
Concen: 43.21 ng  
RT: 8.181 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

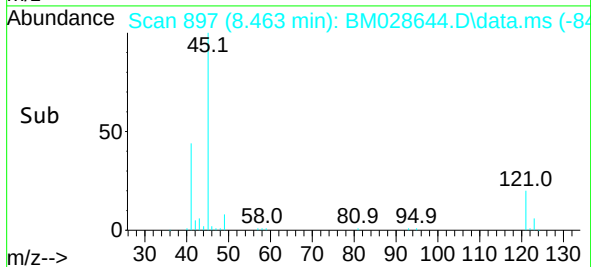
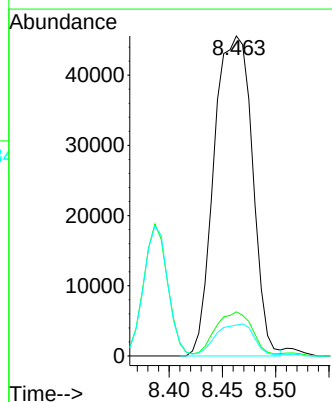
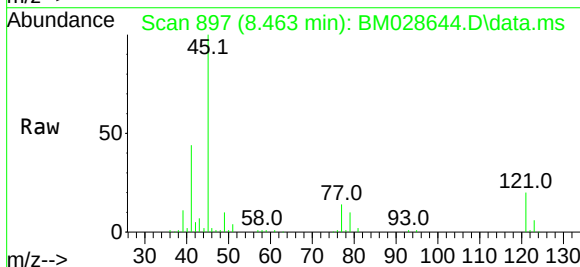


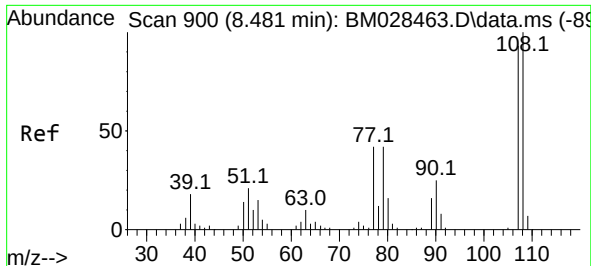
Tgt Ion: 79 Resp: 67892  
Ion Ratio Lower Upper  
79 100  
108 78.8 49.0 73.4#  
77 63.3 55.2 82.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.70 ng  
RT: 8.463 min Scan# 897  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

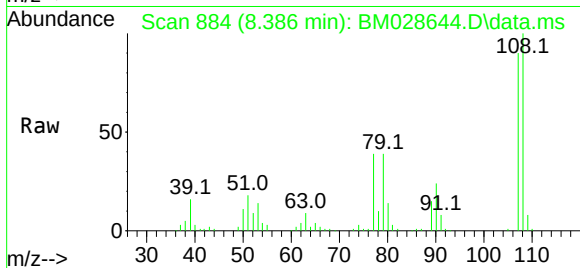
Tgt Ion: 45 Resp: 113515  
Ion Ratio Lower Upper  
45 100  
77 13.8 9.5 49.5  
79 9.6 1.8 41.8



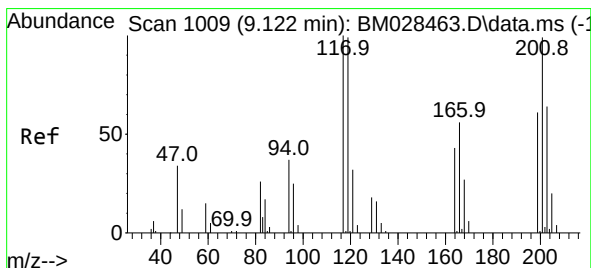
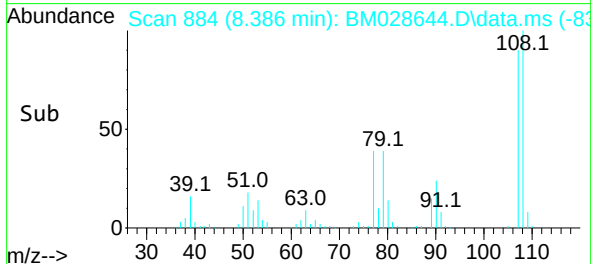
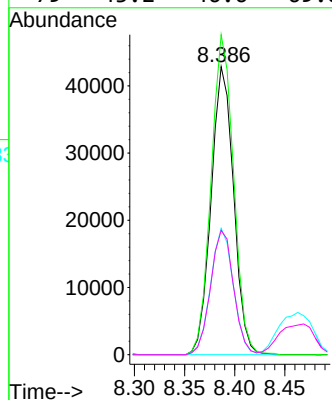


#17  
2-Methylphenol  
Concen: 45.43 ng  
RT: 8.386 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

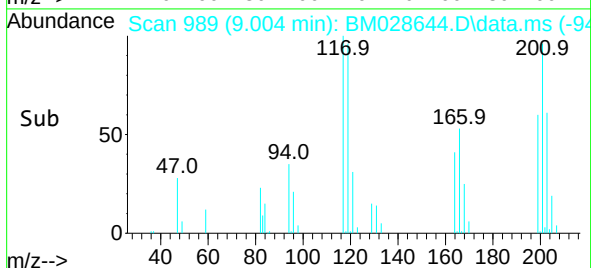
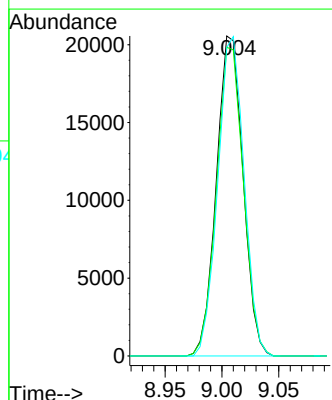
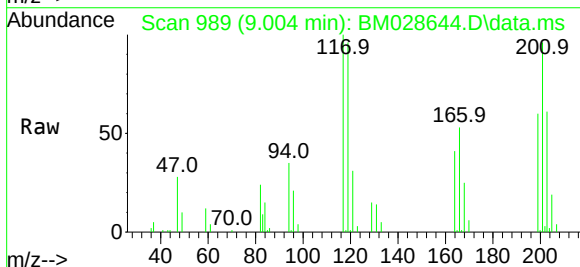


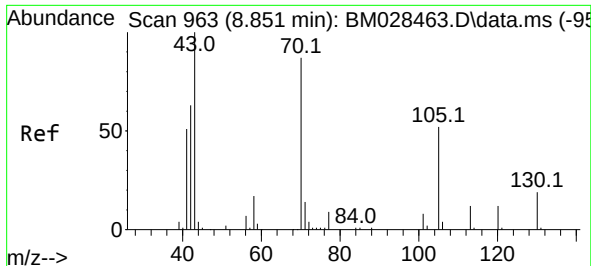
Tgt Ion:107 Resp: 66862  
Ion Ratio Lower Upper  
107 100  
108 111.1 87.8 131.6  
77 43.9 50.9 76.3#  
79 43.2 46.6 69.8#



#18  
Hexachloroethane  
Concen: 40.57 ng  
RT: 9.004 min Scan# 989  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:117 Resp: 33561  
Ion Ratio Lower Upper  
117 100  
119 96.5 73.1 109.7  
201 96.4 88.7 133.1



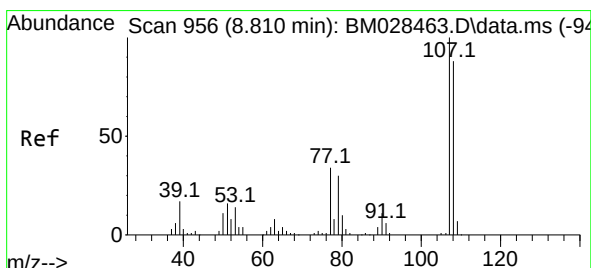
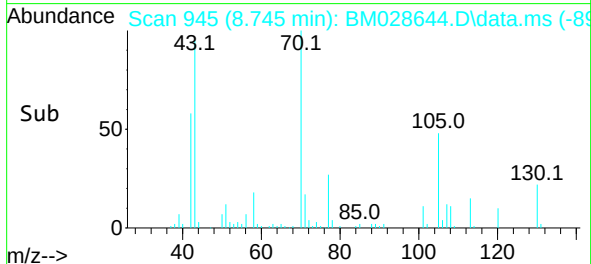
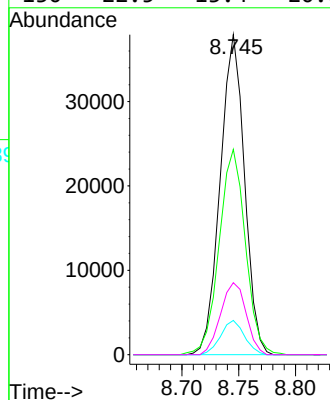
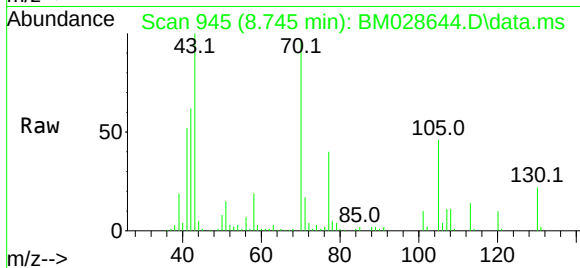


#19

n-Nitroso-di-n-propylamine  
Concen: 42.02 ng  
RT: 8.745 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

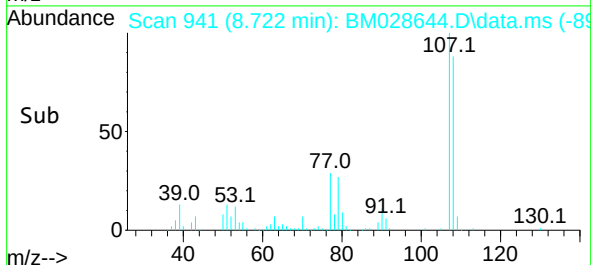
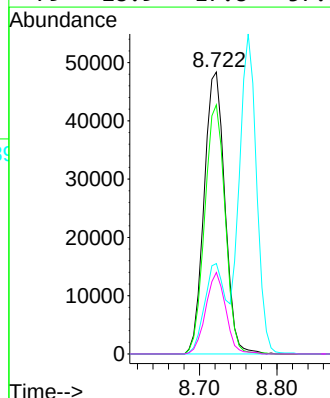
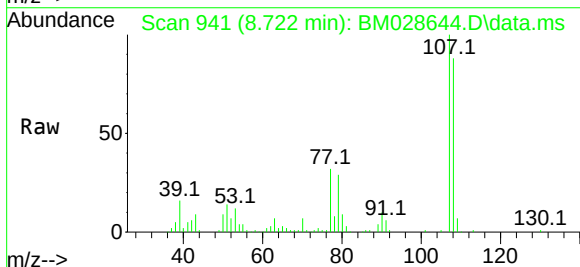
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 56420 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 64.2  | 31.9  | 47.9# |
| 101      | 10.7  | 7.0   | 10.4# |
| 130      | 22.5  | 13.4  | 20.0# |

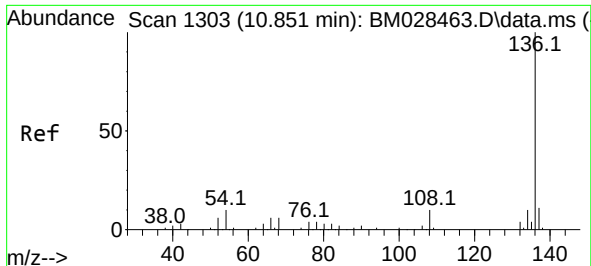


#20

3+4-Methylphenols  
Concen: 45.48 ng  
RT: 8.722 min Scan# 941  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

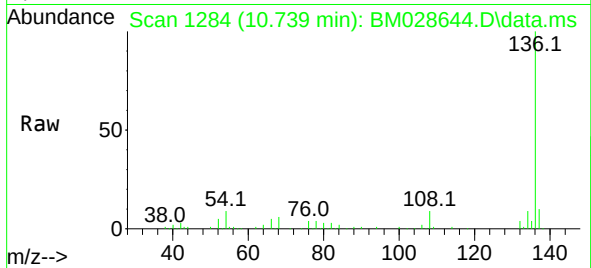
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 89775 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 88.4  | 64.5  | 104.5 |
| 77       | 32.0  | 24.2  | 64.2  |
| 79       | 28.9  | 17.8  | 57.8  |



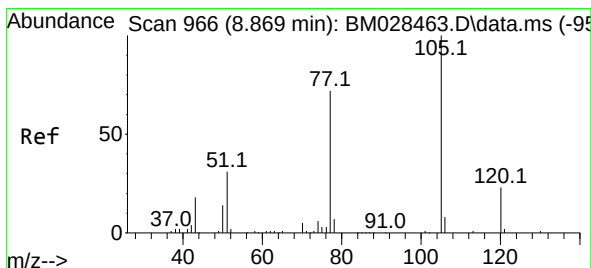
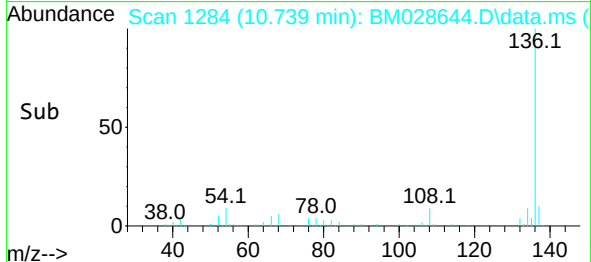
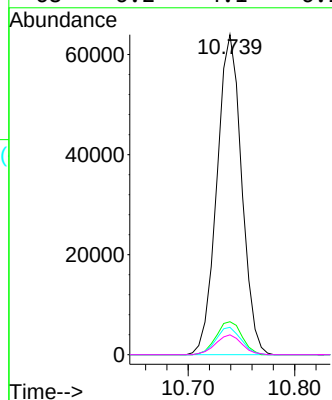


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.739 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

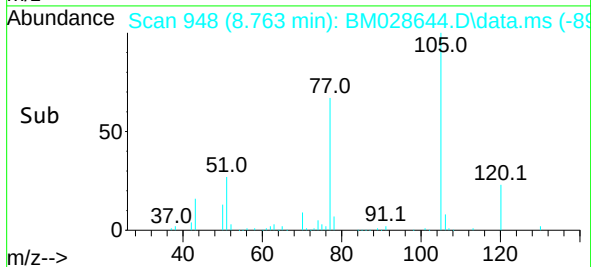
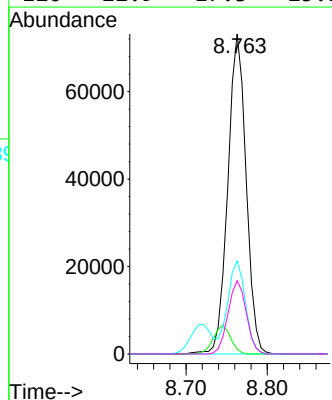
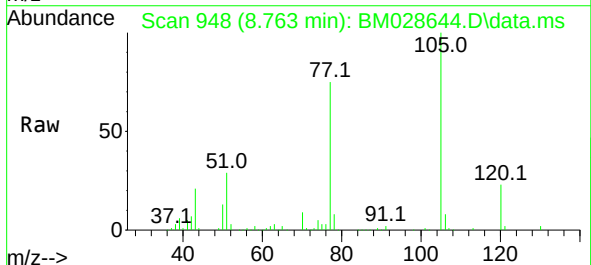


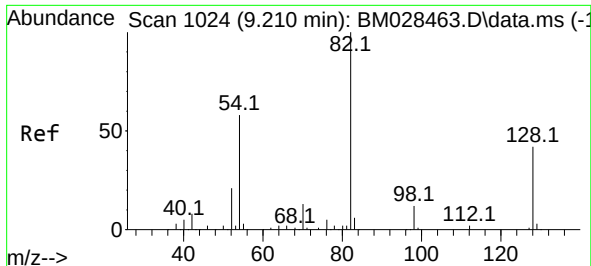
Tgt Ion:136 Resp: 103003  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.6 12.8  
54 8.6 4.6 7.0#  
68 6.2 4.1 6.1#



#22  
Acetophenone  
Concen: 42.88 ng  
RT: 8.763 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:105 Resp: 114509  
Ion Ratio Lower Upper  
105 100  
71 1.5 7.6 11.4#  
51 29.1 18.6 28.0#  
120 22.9 17.3 25.9

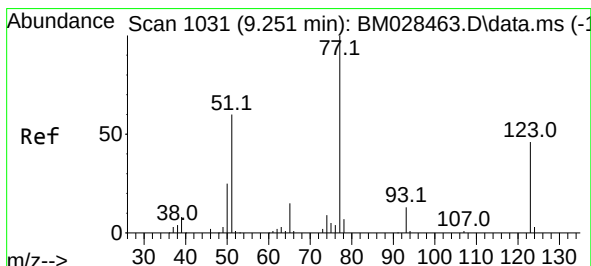
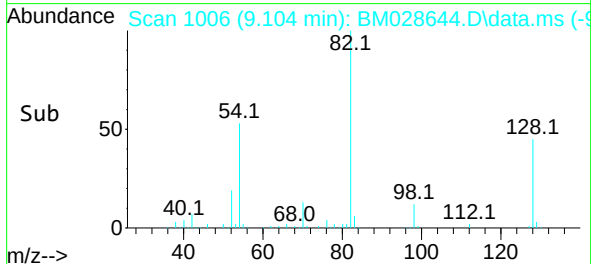
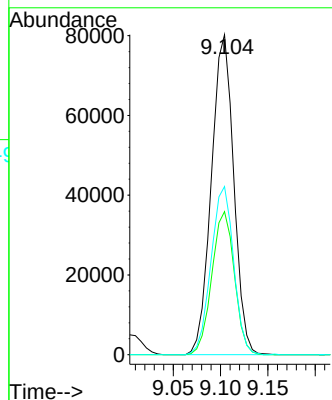
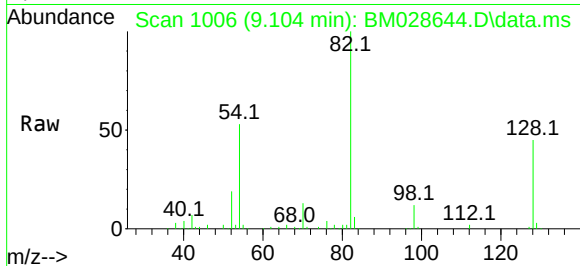




#23  
Nitrobenzene-d5  
Concen: 60.58 ng  
RT: 9.104 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

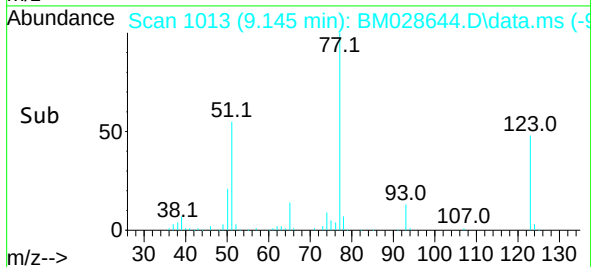
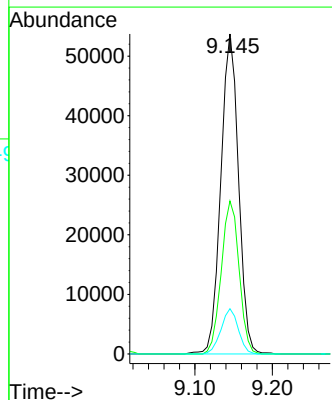
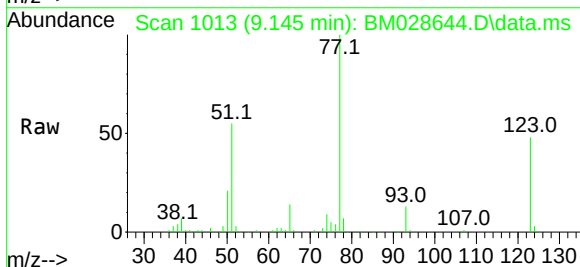
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

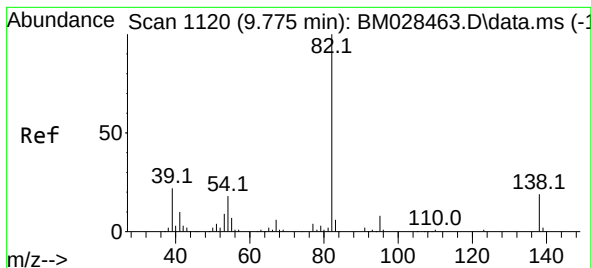
Tgt Ion: 82 Resp: 131555  
Ion Ratio Lower Upper  
82 100  
128 44.7 27.4 41.0#  
54 52.5 31.4 47.0#



#24  
Nitrobenzene  
Concen: 40.76 ng  
RT: 9.145 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion: 77 Resp: 85451  
Ion Ratio Lower Upper  
77 100  
123 47.8 29.1 43.7#  
65 14.2 11.3 16.9





#25

Isophorone

Concen: 45.22 ng

RT: 9.669 min Scan# 1102

Delta R.T. -0.012 min

Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

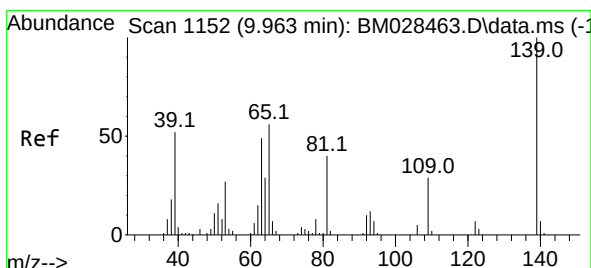
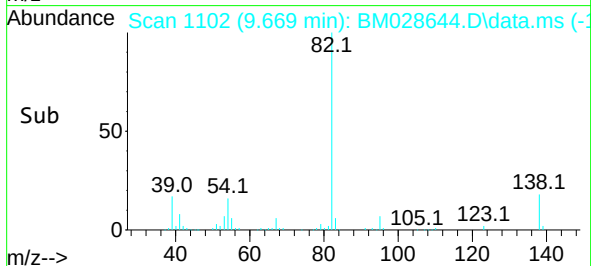
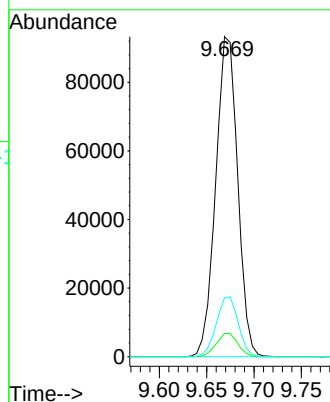
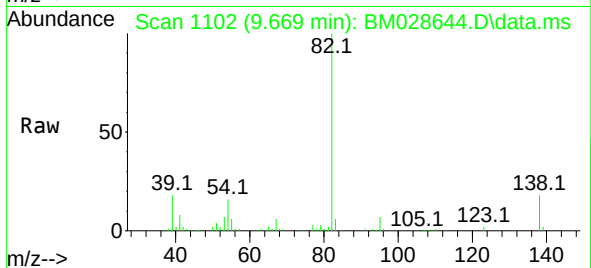
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 150455 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 6.8   | 10.2   |
| 138       | 18.4  | 13.1  | 19.7   |

Instrument :

BNA\_M

ClientSampleId :

OU421-005-0510MS



#26

2-Nitrophenol

Concen: 47.47 ng

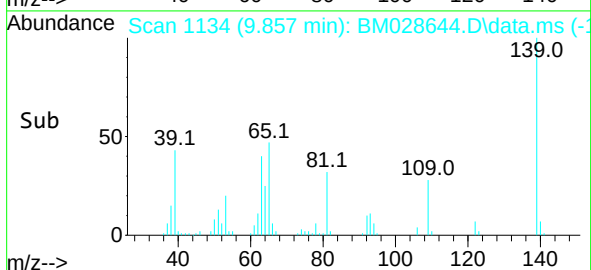
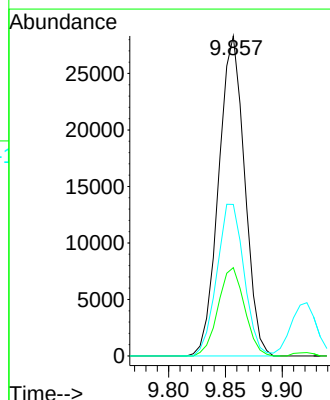
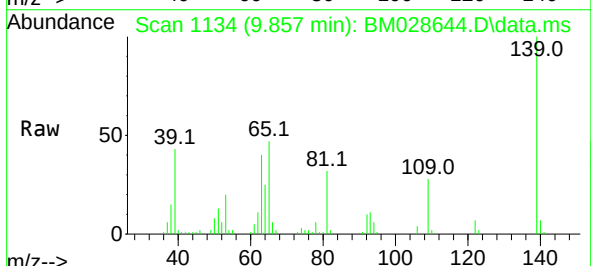
RT: 9.857 min Scan# 1134

Delta R.T. -0.006 min

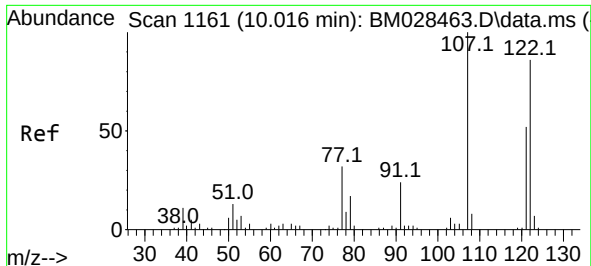
Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 45037 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 27.6  | 33.8  | 50.8# |
| 65        | 47.4  | 51.0  | 76.6# |



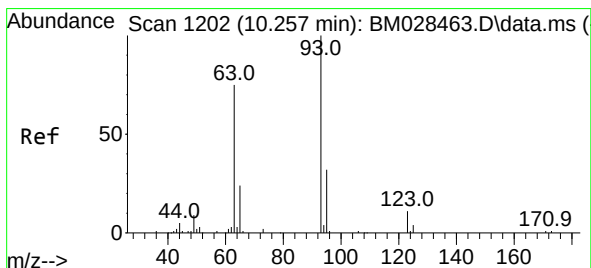
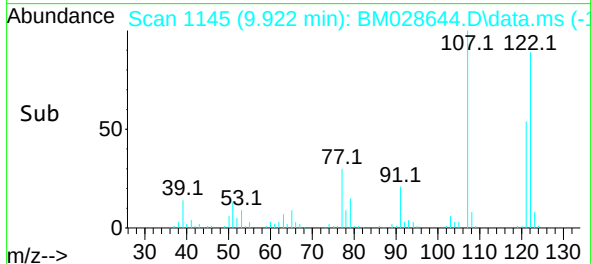
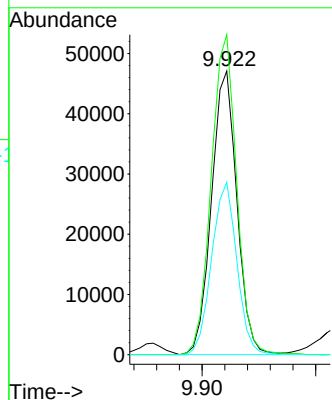
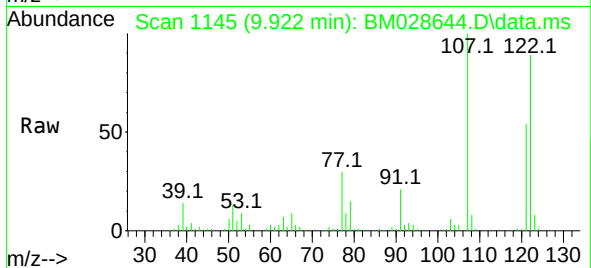




#27  
2,4-Dimethylphenol  
Concen: 53.06 ng  
RT: 9.922 min Scan# 1145  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

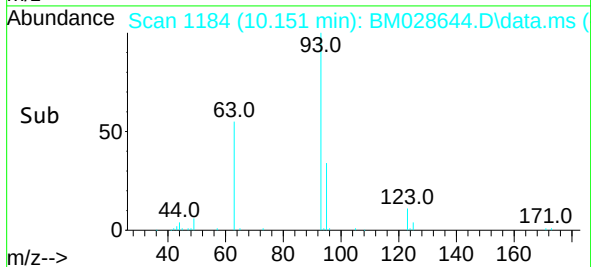
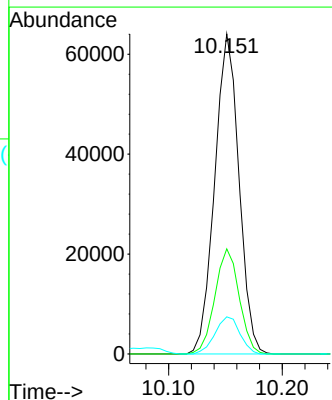
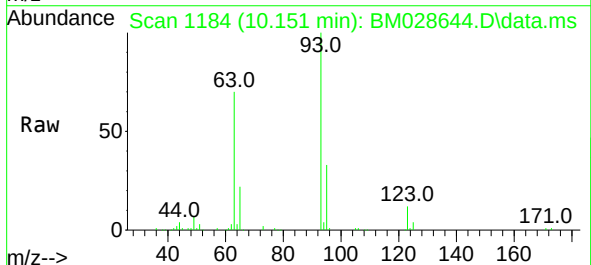
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

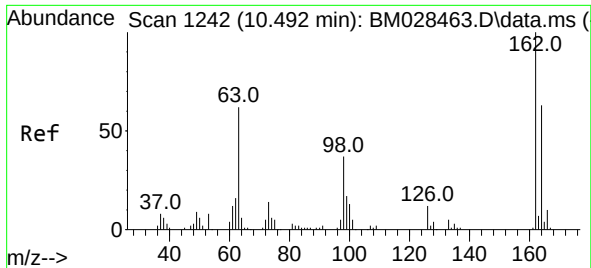
Tgt Ion:122 Resp: 73194  
Ion Ratio Lower Upper  
122 100  
107 112.8 106.6 159.8  
121 60.8 48.8 73.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.42 ng  
RT: 10.151 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion: 93 Resp: 94928  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.5 39.7  
123 11.6 8.6 12.8

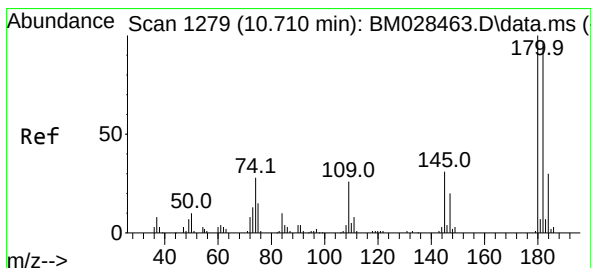
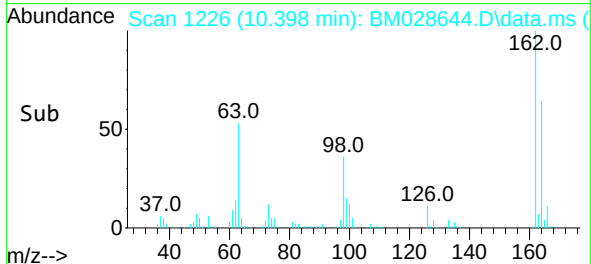
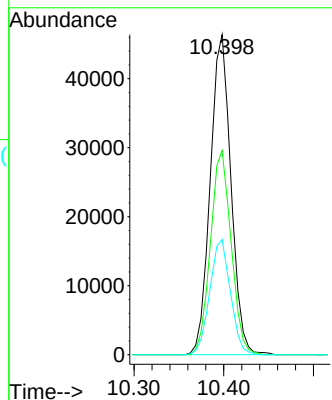
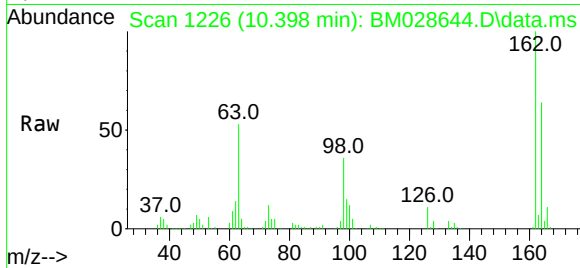




#29  
2,4-Dichlorophenol  
Concen: 45.10 ng  
RT: 10.398 min Scan# 1226  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

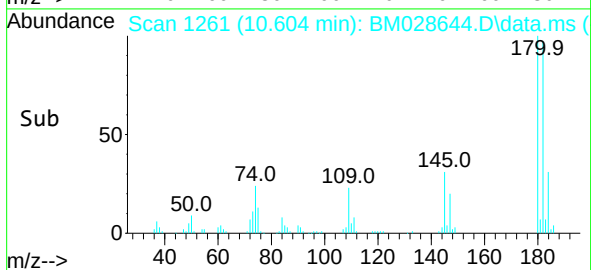
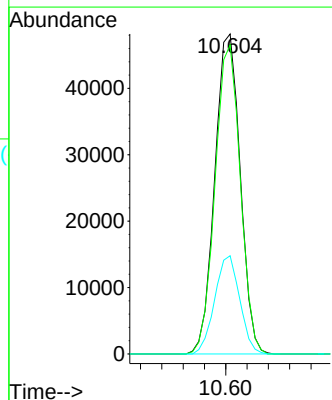
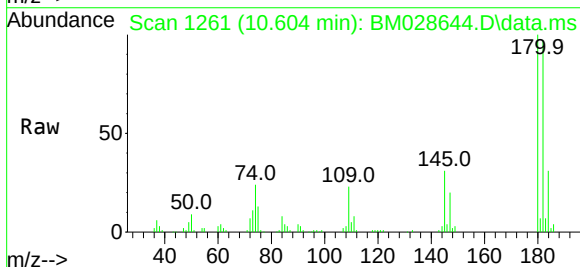
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

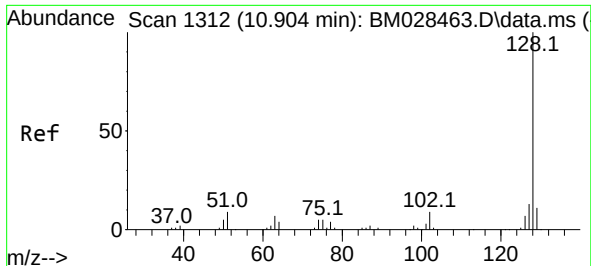
Tgt Ion:162 Resp: 74227  
Ion Ratio Lower Upper  
162 100  
164 63.8 43.2 83.2  
98 36.0 15.7 55.7



#30  
1,2,4-Trichlorobenzene  
Concen: 40.80 ng  
RT: 10.604 min Scan# 1261  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

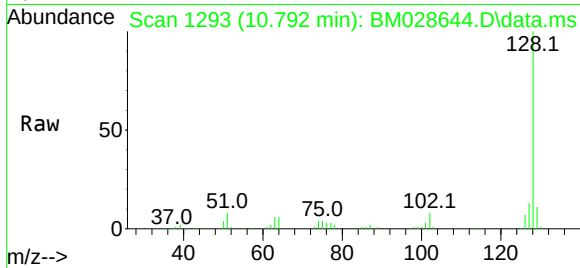
Tgt Ion:180 Resp: 79783  
Ion Ratio Lower Upper  
180 100  
182 96.5 77.7 116.5  
145 30.7 23.4 35.0



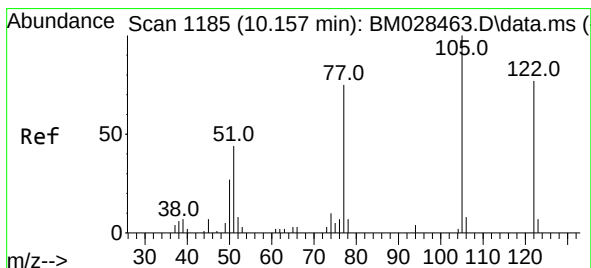
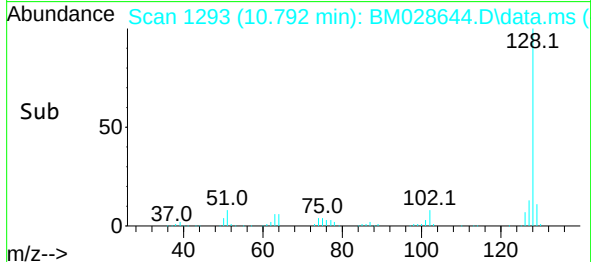
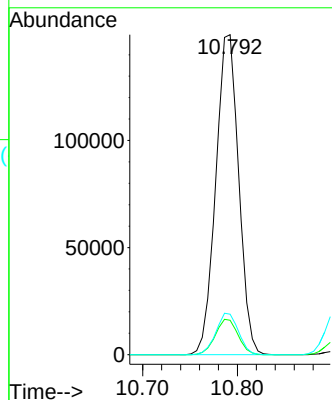


#31  
Naphthalene  
Concen: 43.15 ng  
RT: 10.792 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

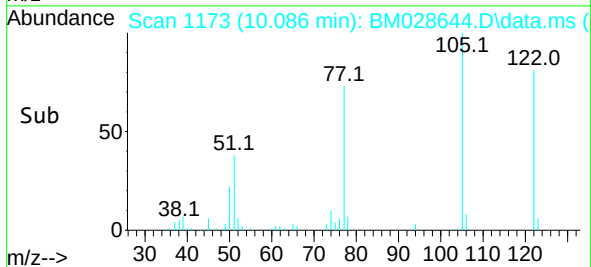
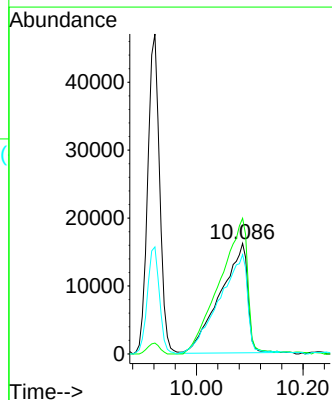
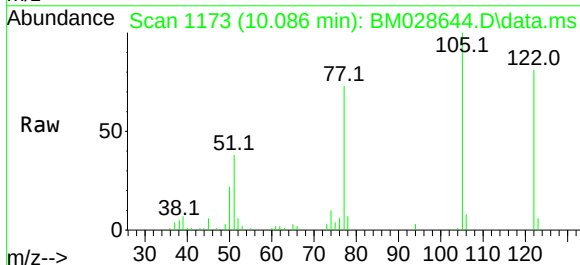


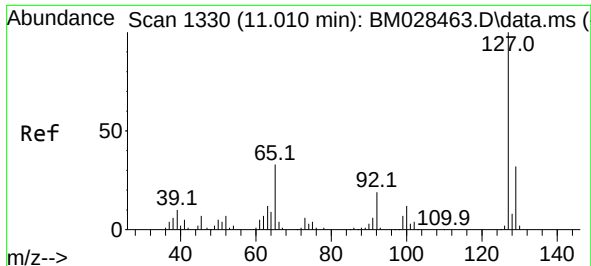
Tgt Ion:128 Resp: 251126  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.4  
127 12.7 10.6 15.8



#32  
Benzoic acid  
Concen: 46.26 ng  
RT: 10.086 min Scan# 1173  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:122 Resp: 57427  
Ion Ratio Lower Upper  
122 100  
105 122.7 114.0 154.0  
77 89.9 101.8 141.8#

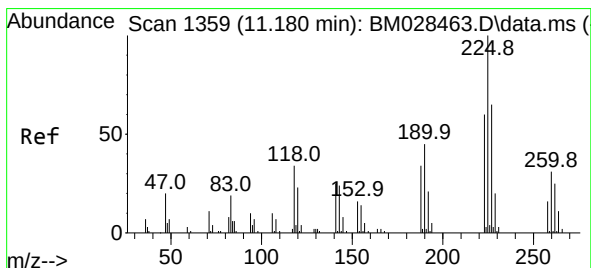
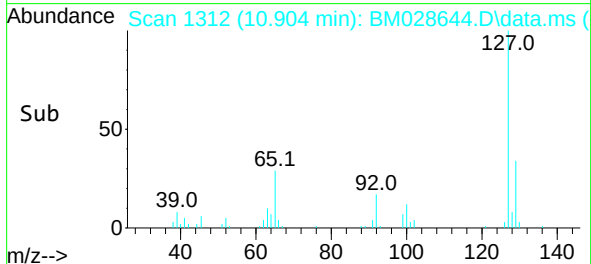
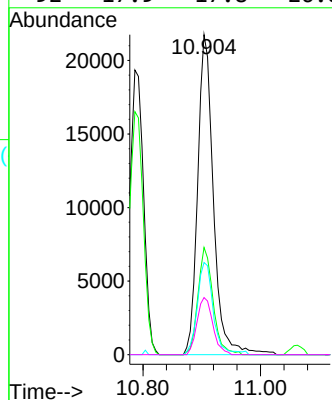
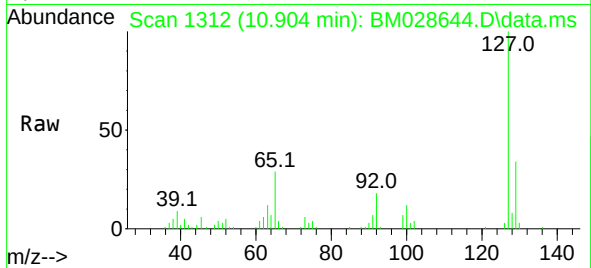




#33  
4-Chloroaniline  
Concen: 16.74 ng  
RT: 10.904 min Scan# 1312  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

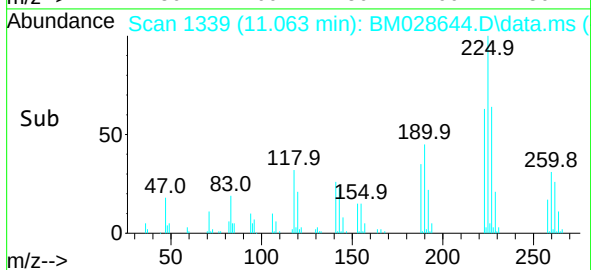
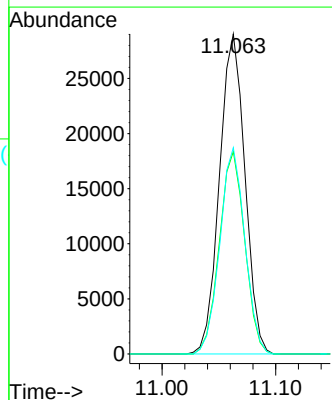
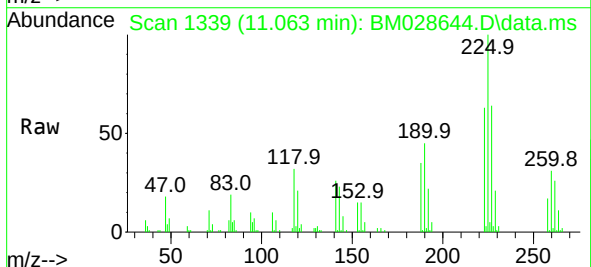
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

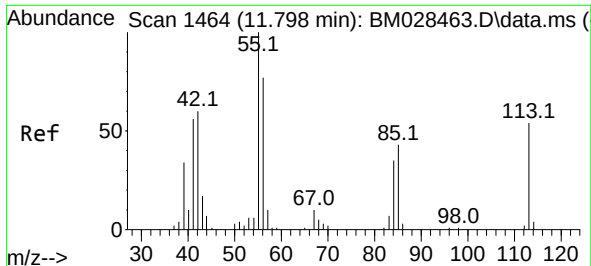
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:127 | Resp: | 40466      |
| Ion Ratio   | Lower | Upper      |
| 127         | 100   |            |
| 129         | 33.5  | 24.7 37.1  |
| 65          | 28.8  | 30.2 45.4# |
| 92          | 17.9  | 17.8 26.8  |



#34  
Hexachlorobutadiene  
Concen: 38.75 ng  
RT: 11.063 min Scan# 1339  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 45200     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.3  | 51.0 76.4 |
| 227         | 64.4  | 50.6 75.8 |

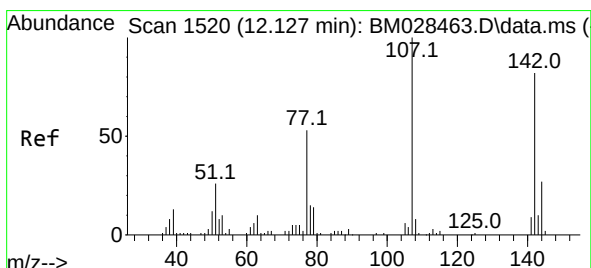
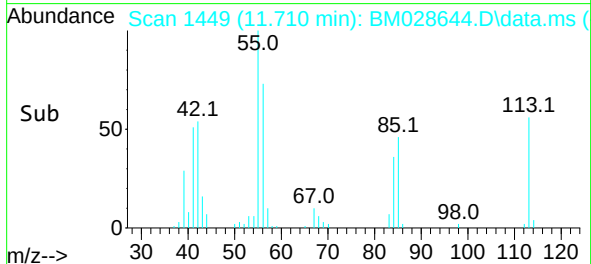
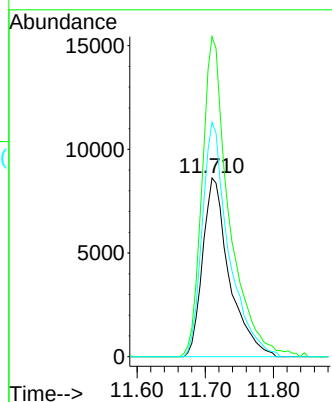
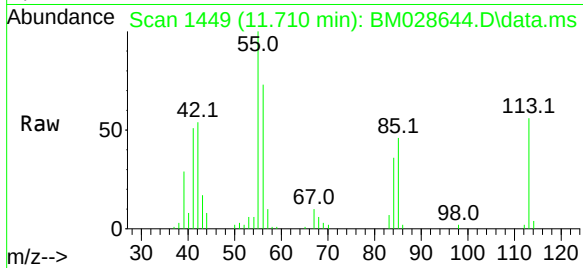




#35  
Caprolactam  
Concen: 43.90 ng  
RT: 11.710 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

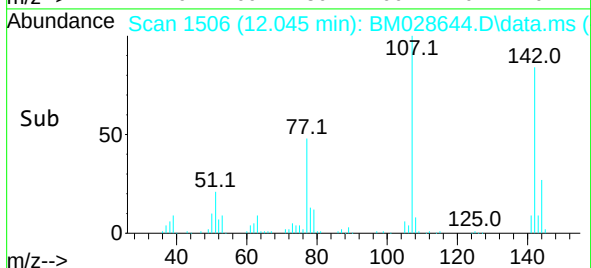
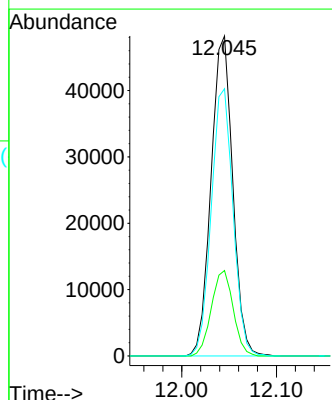
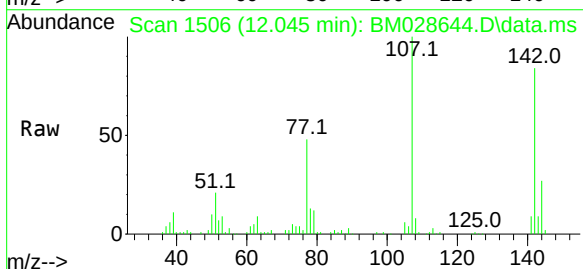
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

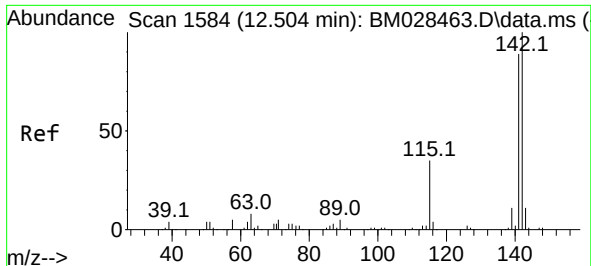
Tgt Ion:113 Resp: 23390  
Ion Ratio Lower Upper  
113 100  
55 179.0 103.2 143.2#  
56 131.0 84.2 124.2#



#36  
4-Chloro-3-methylphenol  
Concen: 44.73 ng  
RT: 12.045 min Scan# 1506  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:107 Resp: 76558  
Ion Ratio Lower Upper  
107 100  
144 26.7 20.1 30.1  
142 83.5 60.3 90.5

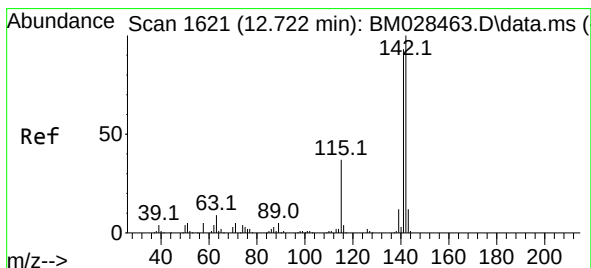
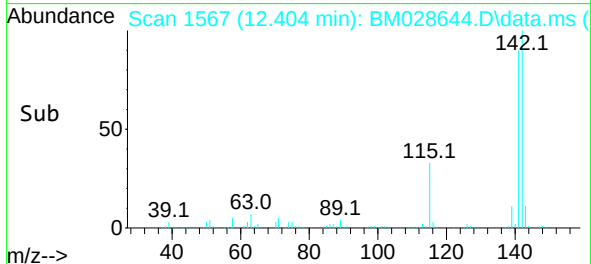
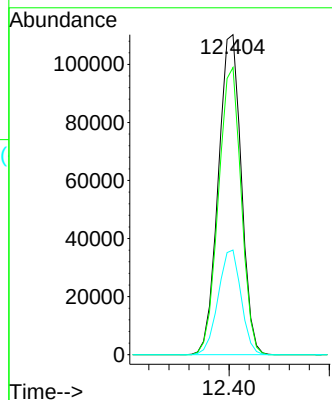
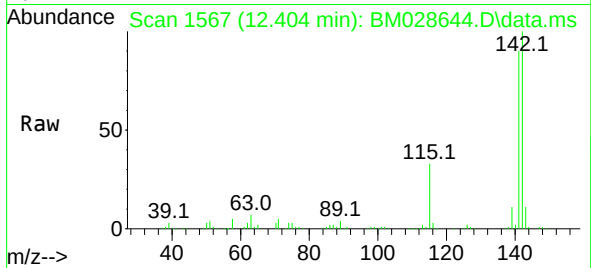




#37  
2-Methylnaphthalene  
Concen: 43.58 ng  
RT: 12.404 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

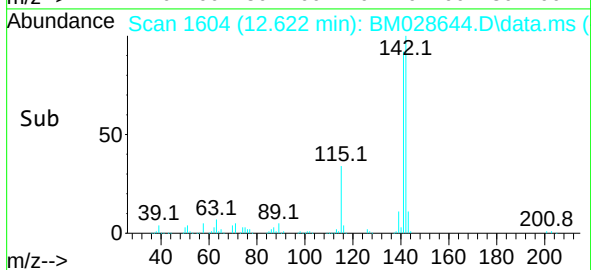
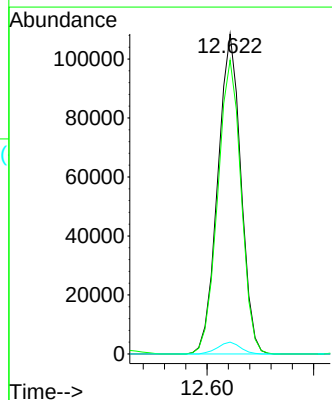
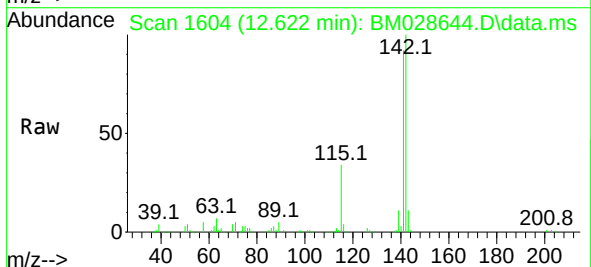
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

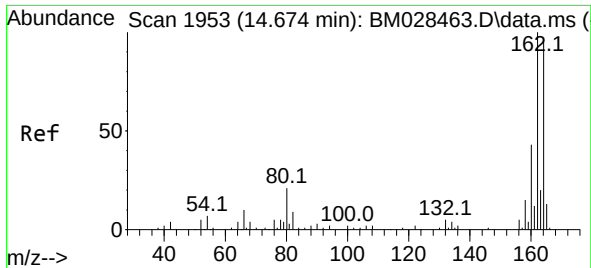
Tgt Ion:142 Resp: 174853  
Ion Ratio Lower Upper  
142 100  
141 89.8 70.3 105.5  
115 32.7 32.2 48.4



#38  
1-Methylnaphthalene  
Concen: 42.77 ng  
RT: 12.622 min Scan# 1604  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:142 Resp: 162797  
Ion Ratio Lower Upper  
142 100  
141 91.8 73.8 110.6  
116 3.7 3.5 5.3

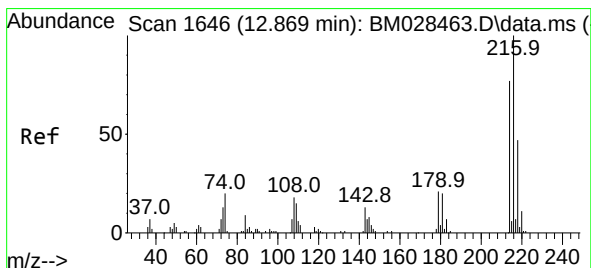
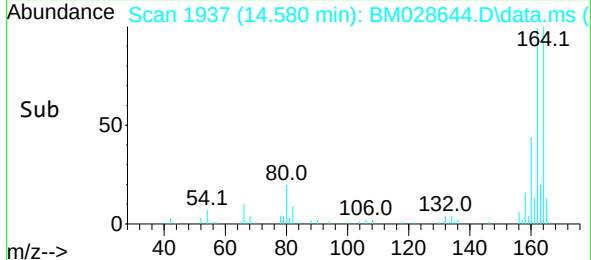
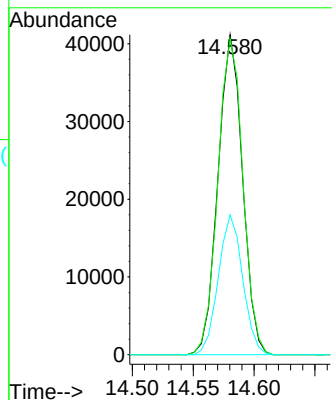
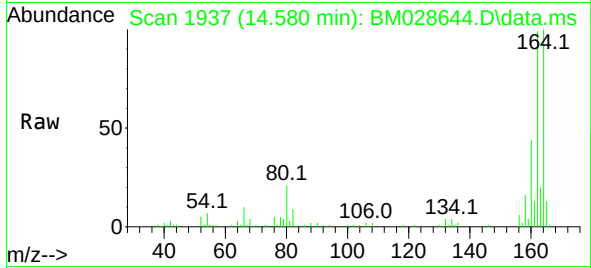




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.580 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

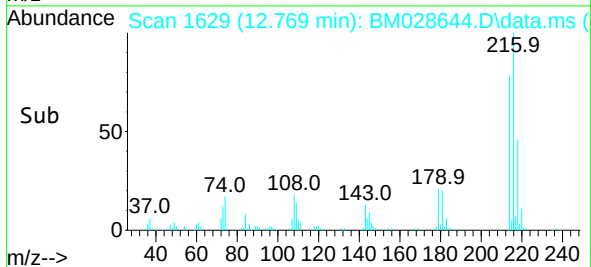
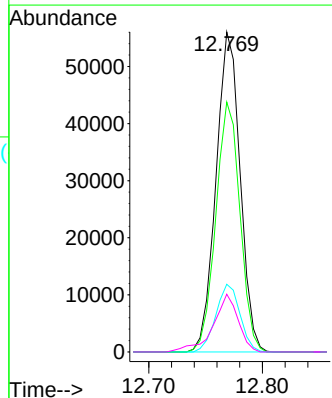
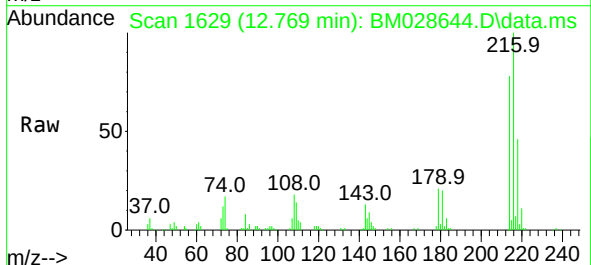
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

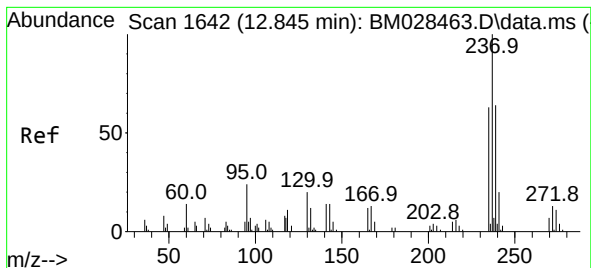
Tgt Ion:164 Resp: 57589  
Ion Ratio Lower Upper  
164 100  
162 98.7 80.4 120.6  
160 43.6 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.50 ng  
RT: 12.769 min Scan# 1629  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:216 Resp: 82621  
Ion Ratio Lower Upper  
216 100  
214 78.2 62.1 93.1  
179 21.1 17.2 25.8  
108 18.8 14.9 22.3



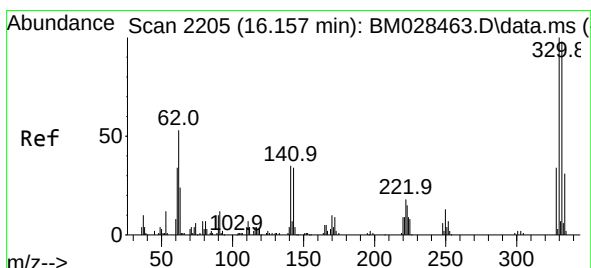
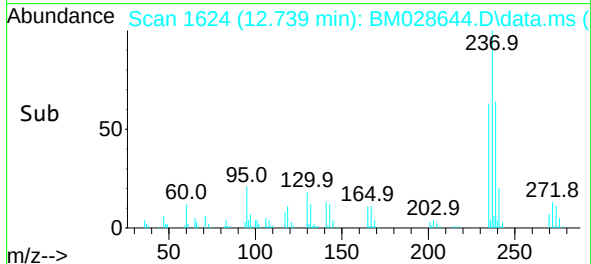
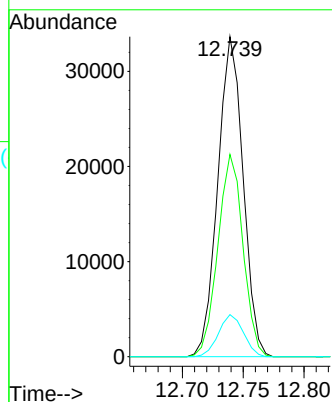
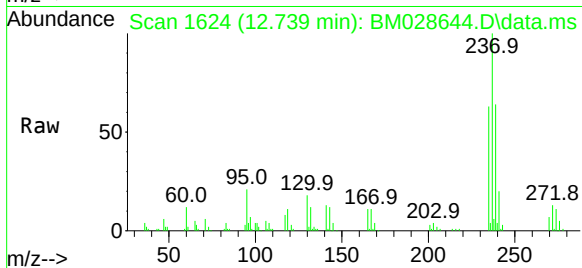


#41

Hexachlorocyclopentadiene  
Concen: 54.82 ng  
RT: 12.739 min Scan# 1624  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

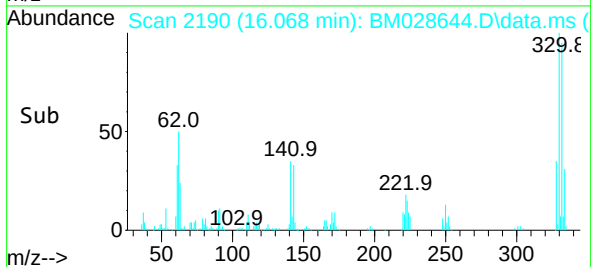
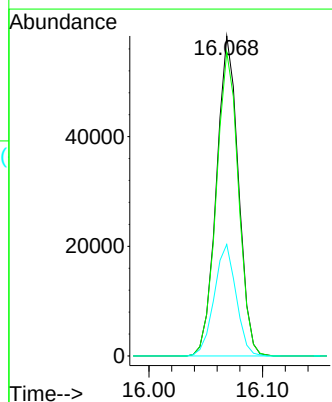
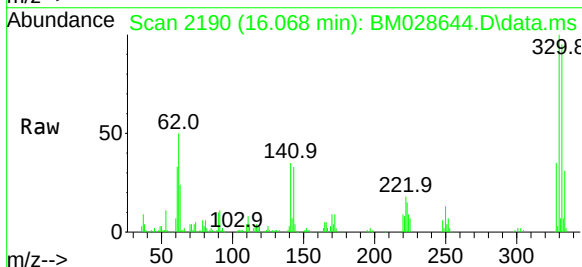
Tgt Ion:237 Resp: 48640  
Ion Ratio Lower Upper  
237 100  
235 63.2 43.1 83.1  
272 13.2 0.0 33.0



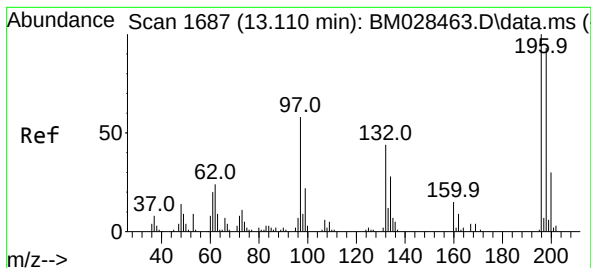
#42

2,4,6-Tribromophenol  
Concen: 102.24 ng  
RT: 16.068 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:330 Resp: 78014  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.8 116.8  
141 34.8 28.4 42.6



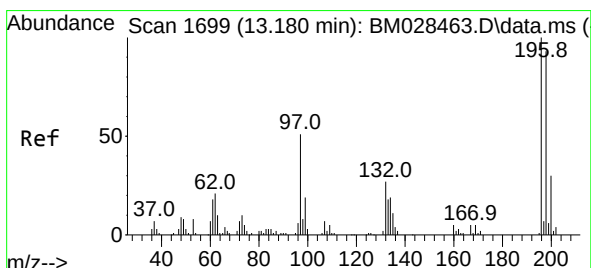
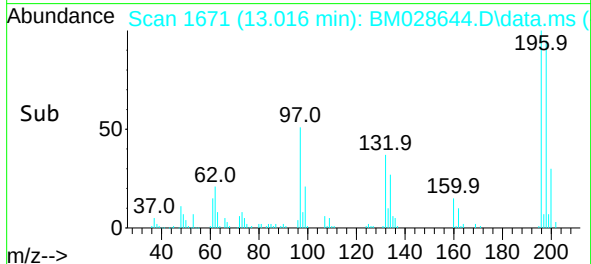
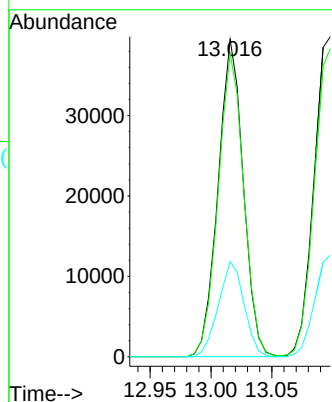
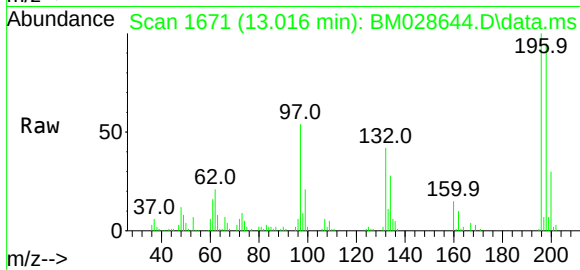




#43  
2,4,6-Trichlorophenol  
Concen: 44.57 ng  
RT: 13.016 min Scan# 1671  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

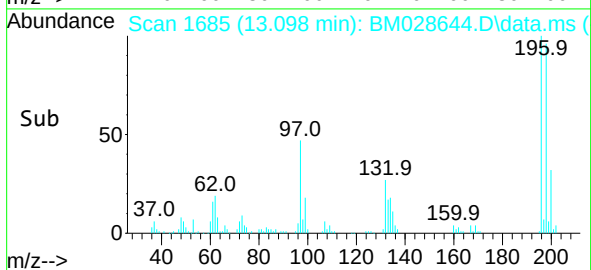
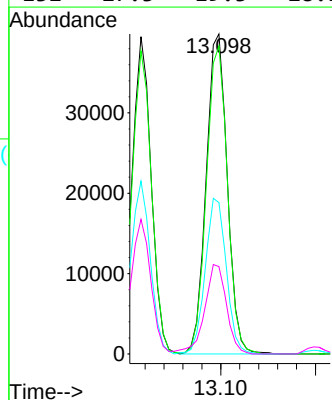
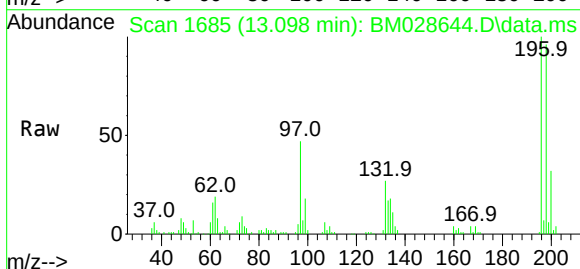
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

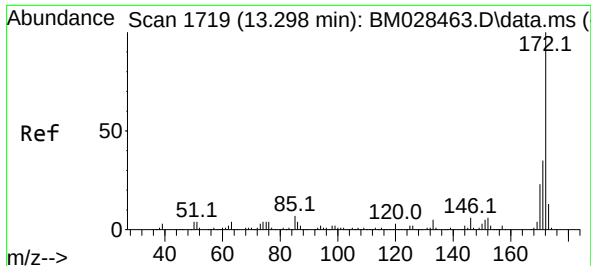
Tgt Ion:196 Resp: 56786  
Ion Ratio Lower Upper  
196 100  
198 95.5 74.9 112.3  
200 30.0 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 46.88 ng  
RT: 13.098 min Scan# 1685  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:196 Resp: 61809  
Ion Ratio Lower Upper  
196 100  
198 96.2 79.0 118.6  
97 47.3 40.5 60.7  
132 27.3 19.3 28.9

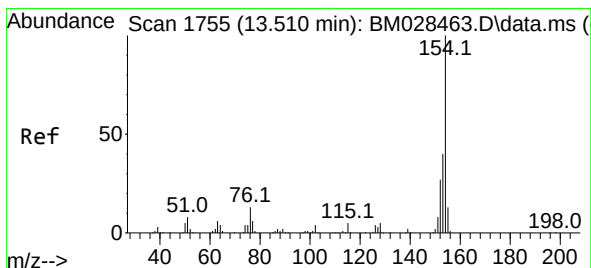
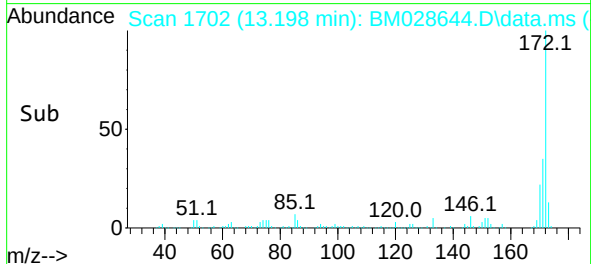
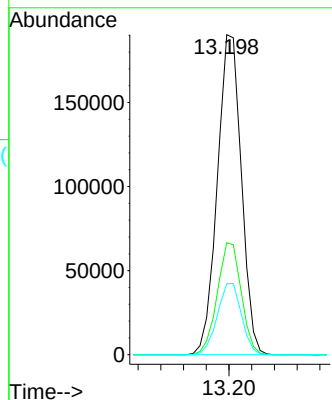
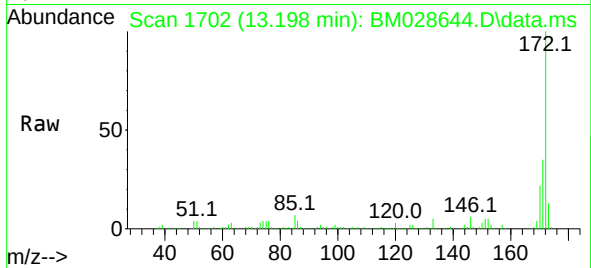




#45  
2-Fluorobiphenyl  
Concen: 60.93 ng  
RT: 13.198 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

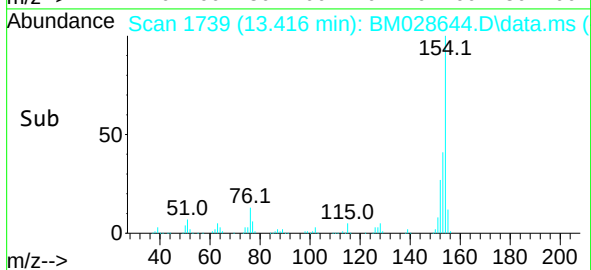
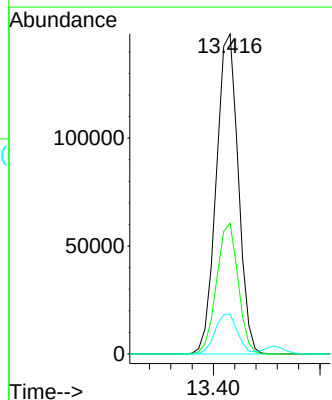
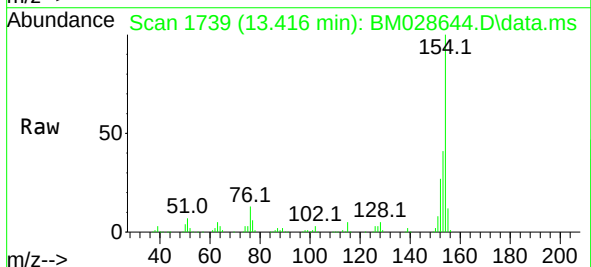
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

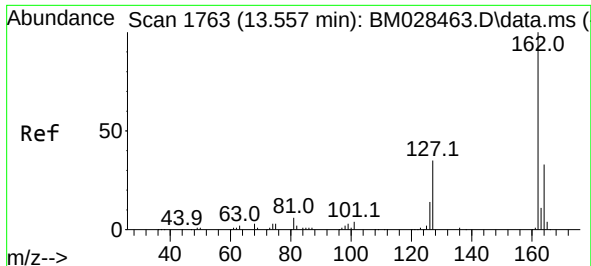
Tgt Ion:172 Resp: 279699  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.8 41.8  
170 22.1 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 43.14 ng  
RT: 13.416 min Scan# 1739  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

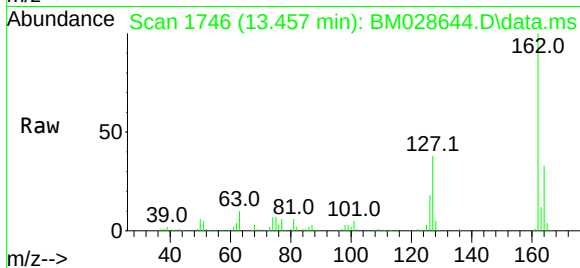
Tgt Ion:154 Resp: 212018  
Ion Ratio Lower Upper  
154 100  
153 40.9 20.0 60.0  
76 12.5 0.0 32.0



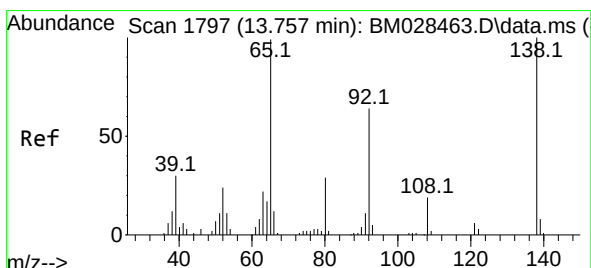
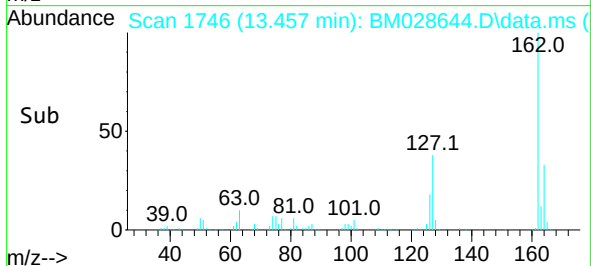
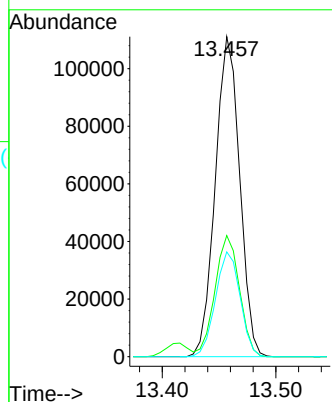


#47  
2-Chloronaphthalene  
Concen: 41.22 ng  
RT: 13.457 min Scan# 1746  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

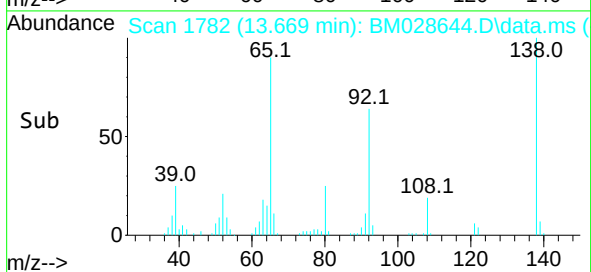
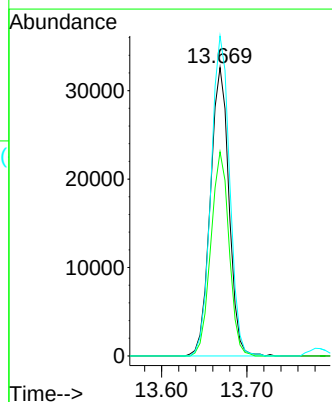
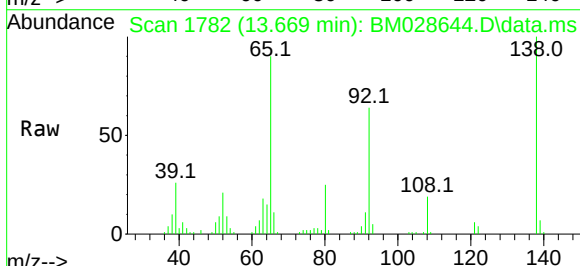


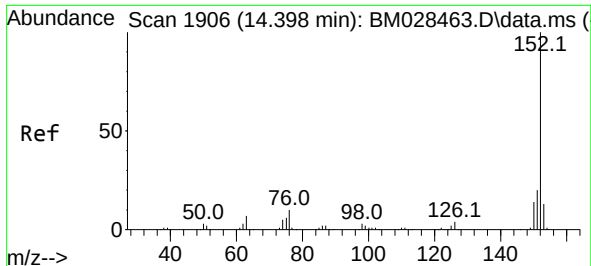
Tgt Ion:162 Resp: 165556  
Ion Ratio Lower Upper  
162 100  
127 37.9 29.6 44.4  
164 32.8 26.2 39.4



#48  
2-Nitroaniline  
Concen: 39.48 ng  
RT: 13.669 min Scan# 1782  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion: 65 Resp: 49719  
Ion Ratio Lower Upper  
65 100  
92 70.8 51.5 77.3  
138 110.9 72.7 109.1#

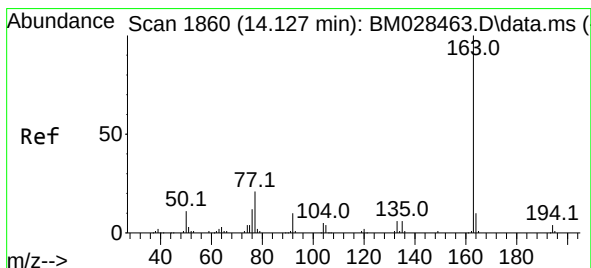
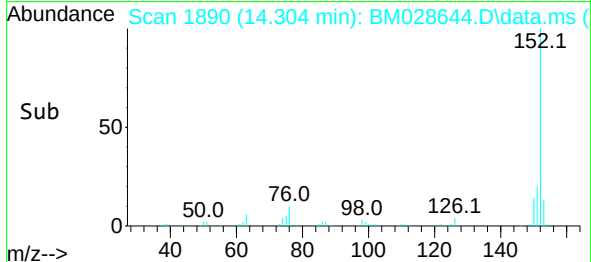
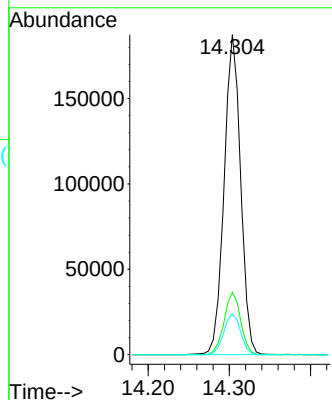
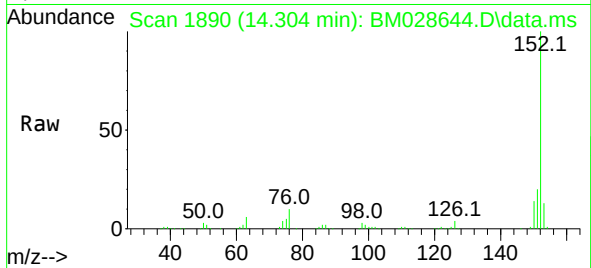




#49  
Acenaphthylene  
Concen: 44.44 ng  
RT: 14.304 min Scan# 1890  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

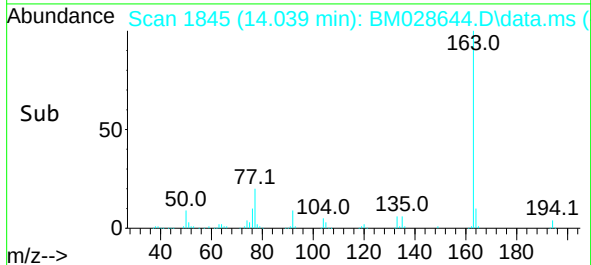
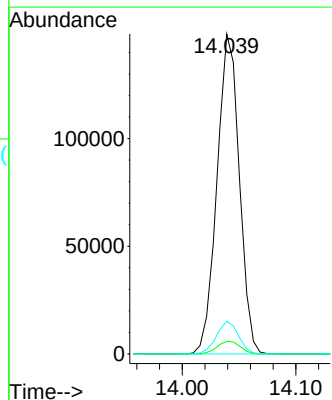
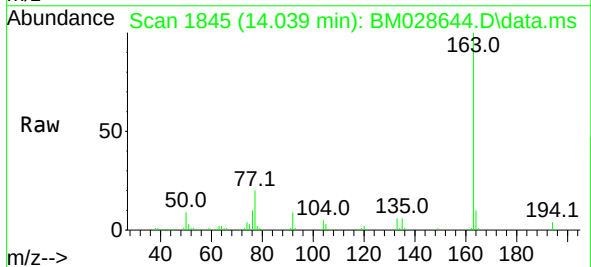
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

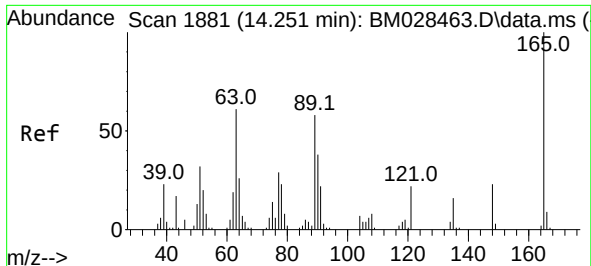
Tgt Ion:152 Resp: 264835  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.8 23.6  
153 12.8 10.4 15.6



#50  
Dimethylphthalate  
Concen: 42.86 ng  
RT: 14.039 min Scan# 1845  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:163 Resp: 202933  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.2  
164 10.2 8.1 12.1

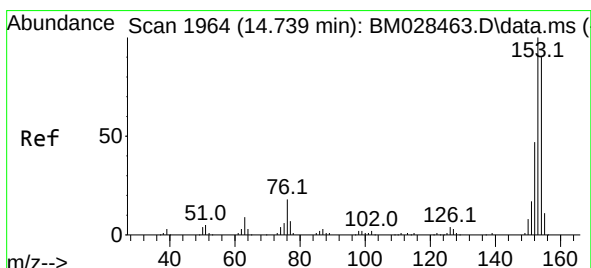
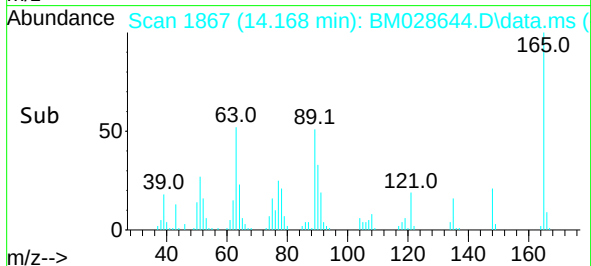
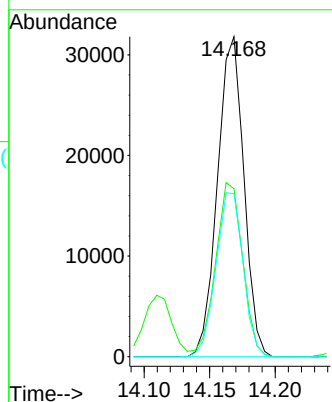
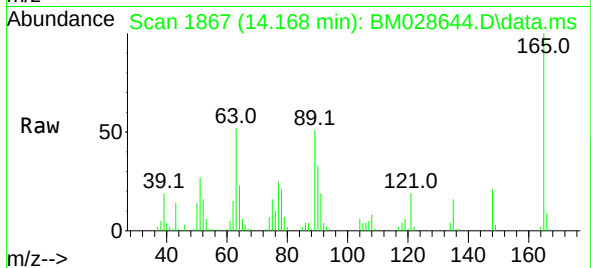




#51  
2,6-Dinitrotoluene  
Concen: 44.09 ng  
RT: 14.168 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

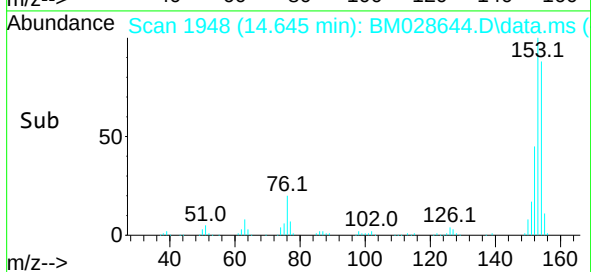
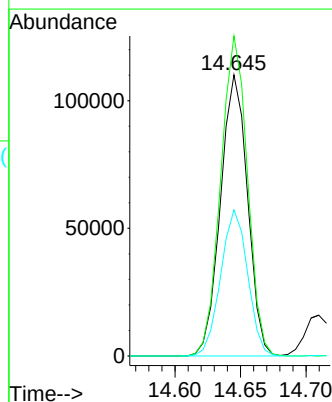
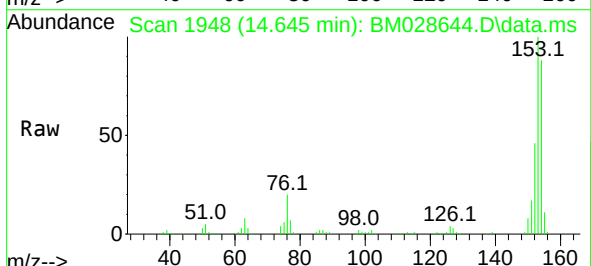
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

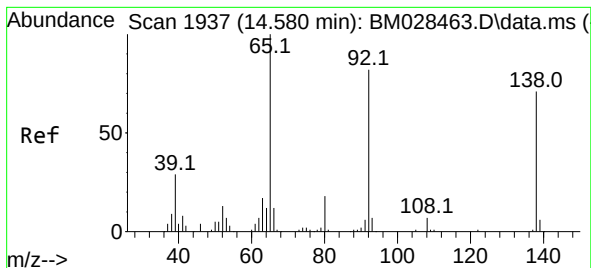
Tgt Ion:165 Resp: 44410  
Ion Ratio Lower Upper  
165 100  
63 52.5 51.1 76.7  
89 51.0 53.3 79.9#



#52  
Acenaphthene  
Concen: 42.68 ng  
RT: 14.645 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:154 Resp: 157913  
Ion Ratio Lower Upper  
154 100  
153 113.9 88.3 132.5  
152 51.9 41.4 62.2

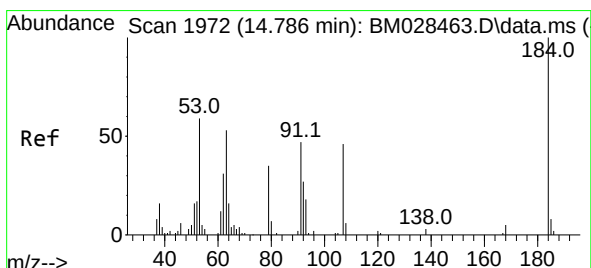
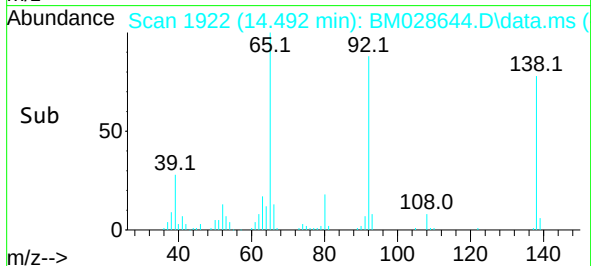
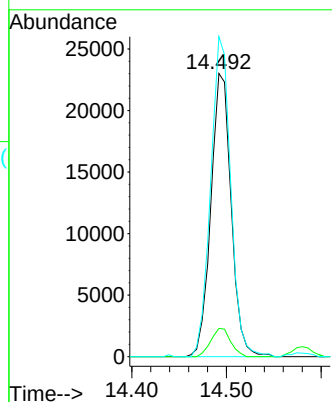
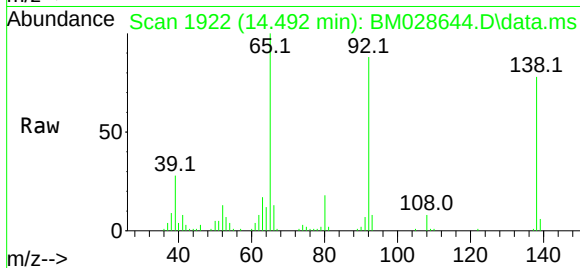




#53  
3-Nitroaniline  
Concen: 30.16 ng  
RT: 14.492 min Scan# 1922  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

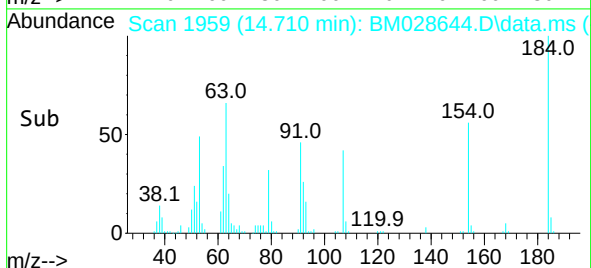
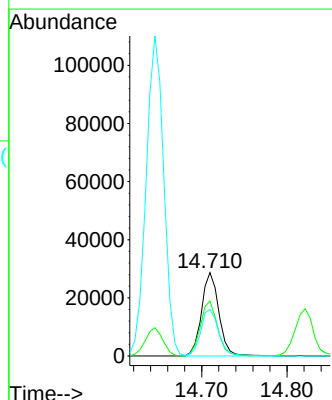
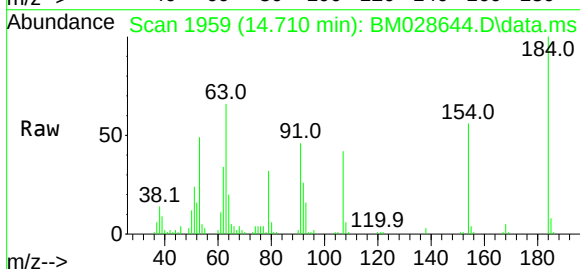
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

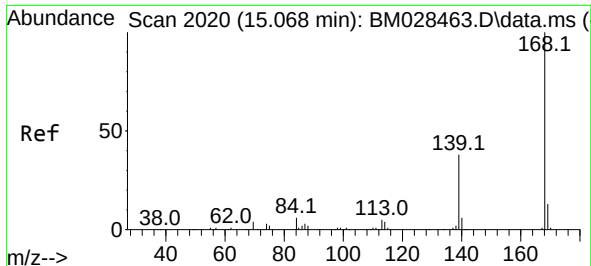
Tgt Ion:138 Resp: 34246  
Ion Ratio Lower Upper  
138 100  
108 10.0 8.6 13.0  
92 113.0 102.1 153.1



#54  
2,4-Dinitrophenol  
Concen: 67.43 ng  
RT: 14.710 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:184 Resp: 40452  
Ion Ratio Lower Upper  
184 100  
63 65.9 60.2 90.2  
154 55.8 52.9 79.3

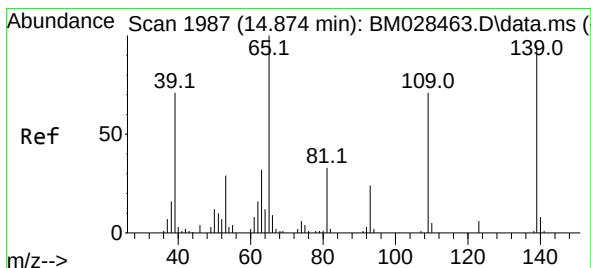
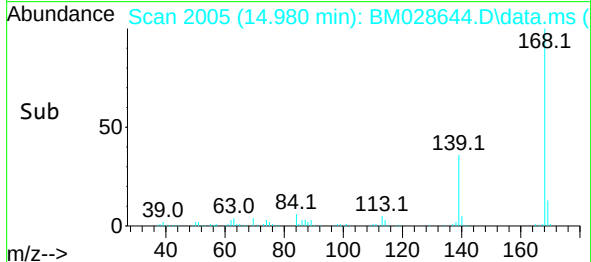
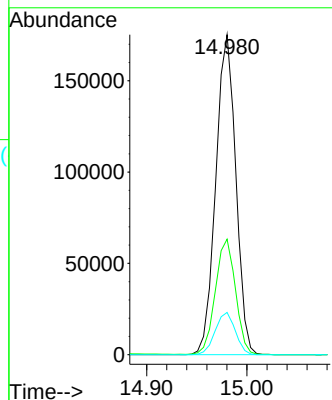
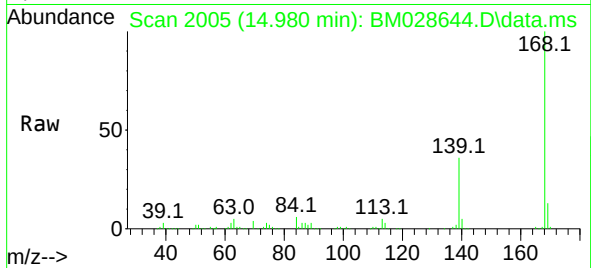




#55  
Dibenzofuran  
Concen: 42.69 ng  
RT: 14.980 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

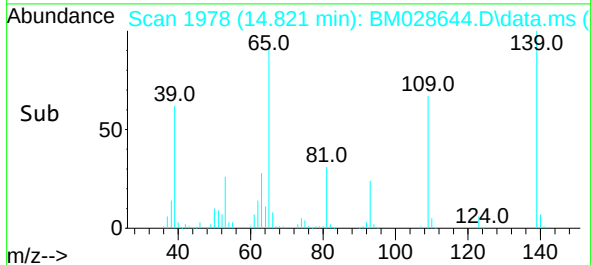
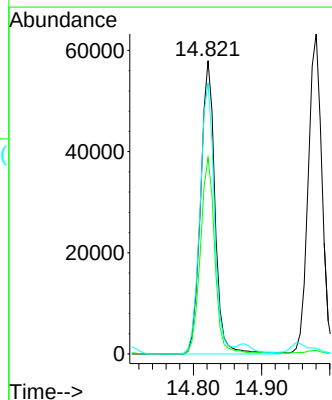
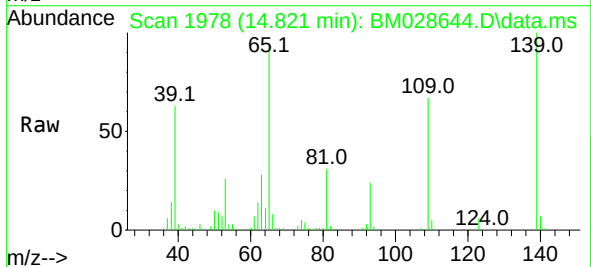
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

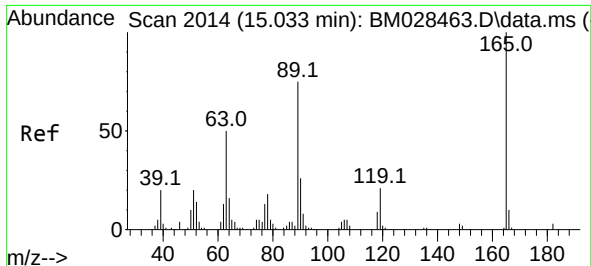
Tgt Ion:168 Resp: 242951  
Ion Ratio Lower Upper  
168 100  
139 36.1 30.2 45.4  
169 13.2 10.6 16.0



#56  
4-Nitrophenol  
Concen: 95.11 ng  
RT: 14.821 min Scan# 1978  
Delta R.T. -0.018 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:139 Resp: 85034  
Ion Ratio Lower Upper  
139 100  
109 67.0 77.0 117.0#  
65 92.5 103.4 143.4#

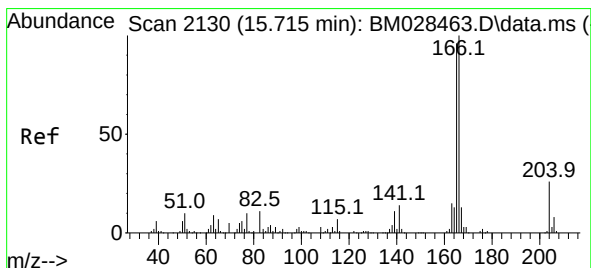
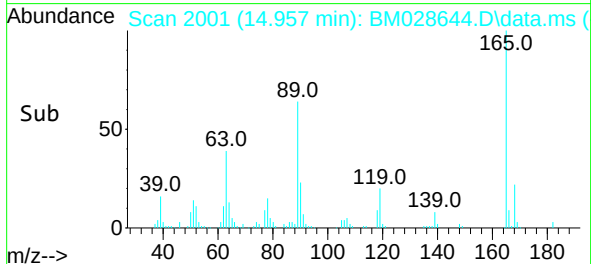
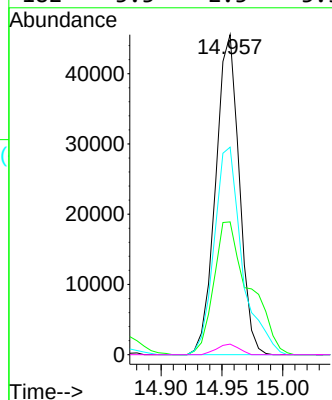
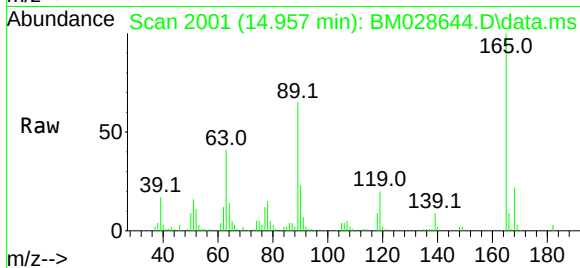




#57  
2,4-Dinitrotoluene  
Concen: 45.74 ng  
RT: 14.957 min Scan# 2001  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

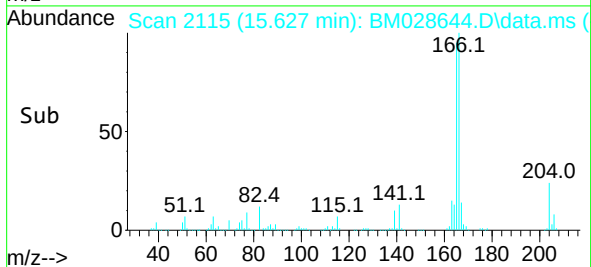
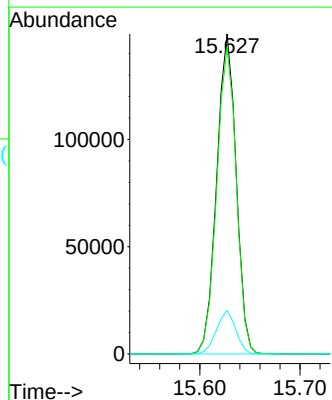
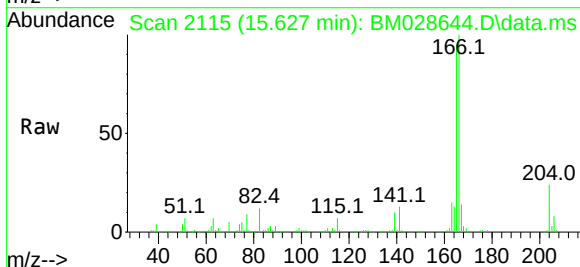
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 61372 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 41.5  | 38.8  | 58.2  |
| 89        | 64.9  | 62.6  | 94.0  |
| 182       | 3.3   | 2.3   | 3.5   |

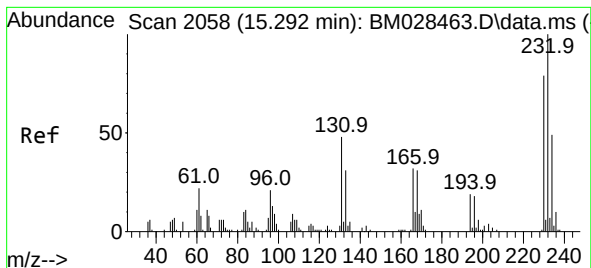


#58  
Fluorene  
Concen: 43.05 ng  
RT: 15.627 min Scan# 2115  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 200720 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 95.5  | 76.2  | 114.2  |
| 167       | 13.5  | 10.7  | 16.1   |

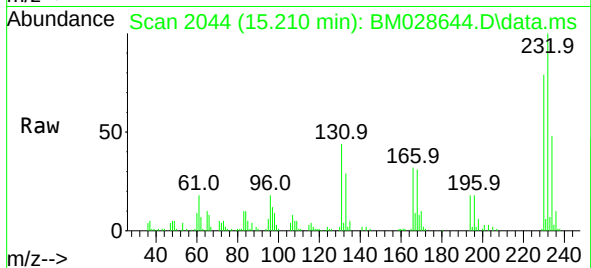






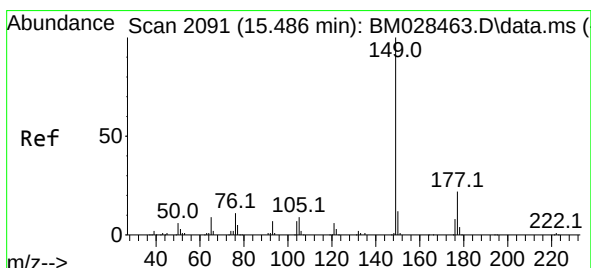
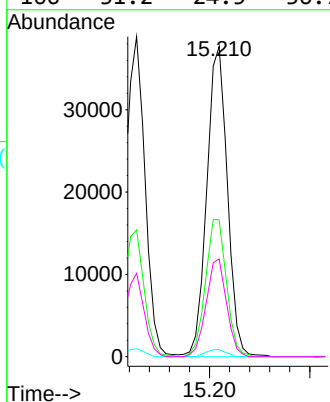
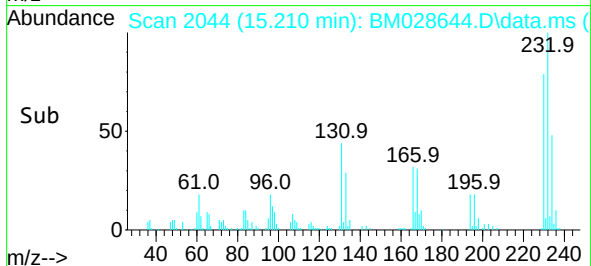
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.02 ng  
RT: 15.210 min Scan# 2044  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

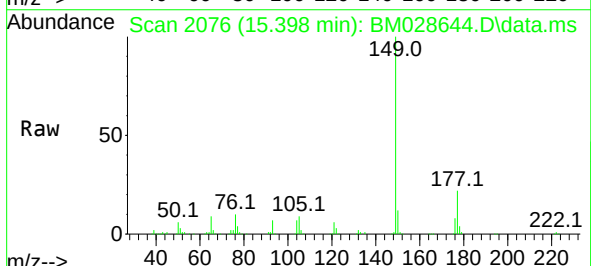


Tgt Ion:232 Resp: 53640

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 45.1  | 32.2  | 48.2  |
| 130 | 2.3   | 1.8   | 2.8   |
| 166 | 31.2  | 24.5  | 36.7  |

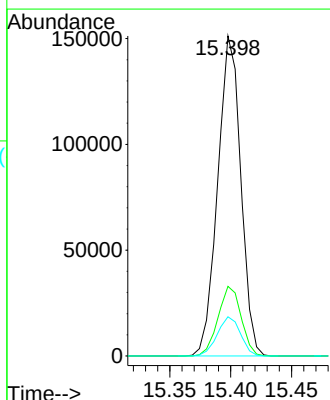
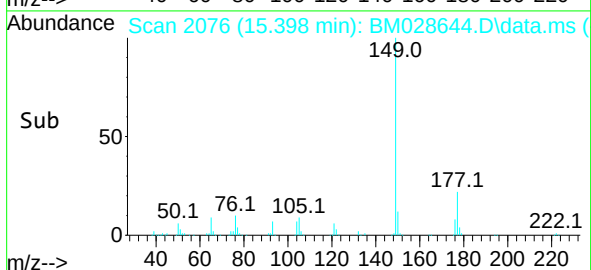


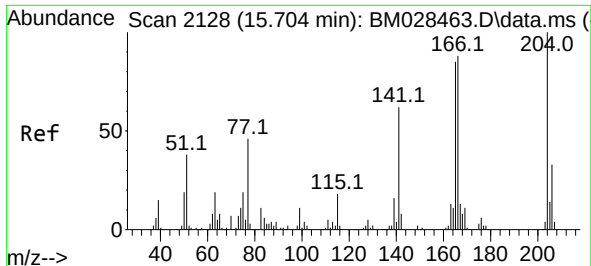
#60  
Diethylphthalate  
Concen: 41.48 ng  
RT: 15.398 min Scan# 2076  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08



Tgt Ion:149 Resp: 199385

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 21.8  | 18.2  | 27.4  |
| 150 | 12.3  | 10.2  | 15.4  |

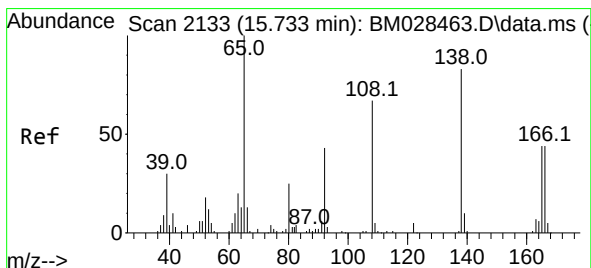
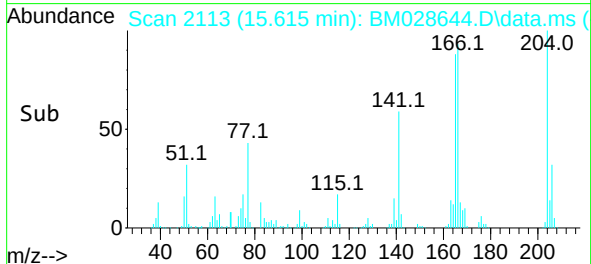
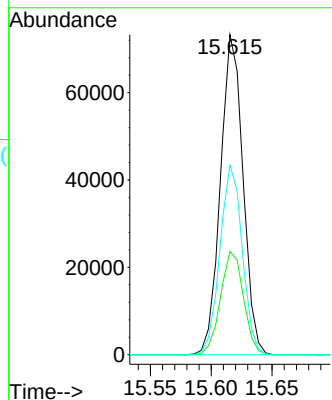
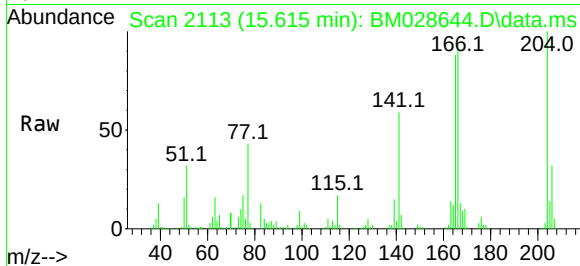




#61  
4-Chlorophenyl-phenylether  
Concen: 41.04 ng  
RT: 15.615 min Scan# 2113  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

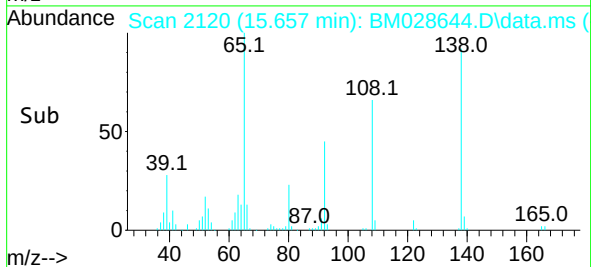
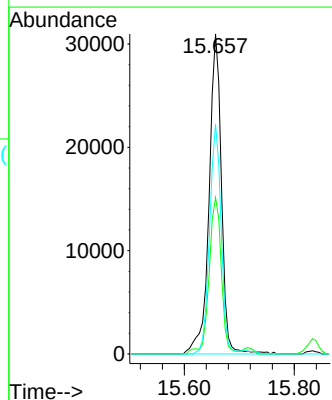
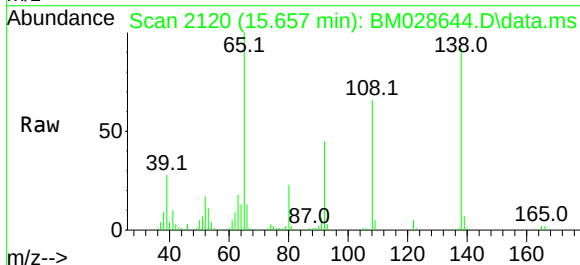
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

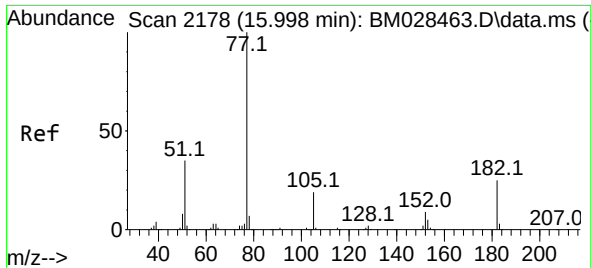
Tgt Ion:204 Resp: 94247  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.1 39.1  
141 59.2 43.7 65.5



#62  
4-Nitroaniline  
Concen: 39.25 ng  
RT: 15.657 min Scan# 2120  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:138 Resp: 48519  
Ion Ratio Lower Upper  
138 100  
92 48.9 35.5 75.5  
108 71.8 80.5 120.5#



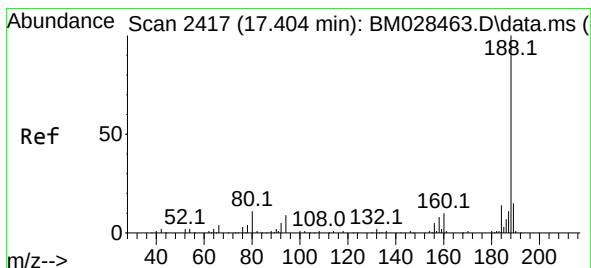
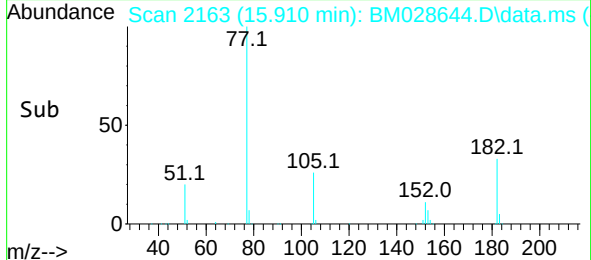
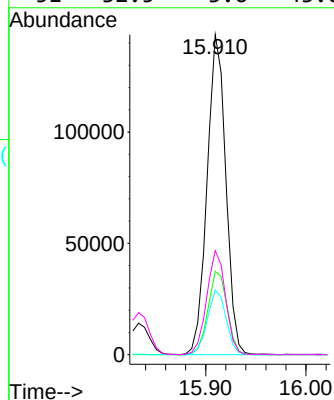
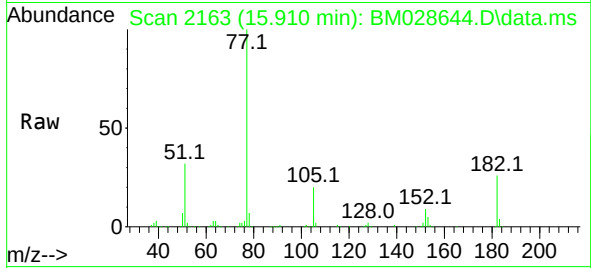


#63  
Azobenzene  
Concen: 41.50 ng  
RT: 15.910 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

Tgt Ion: 77 Resp: 187248

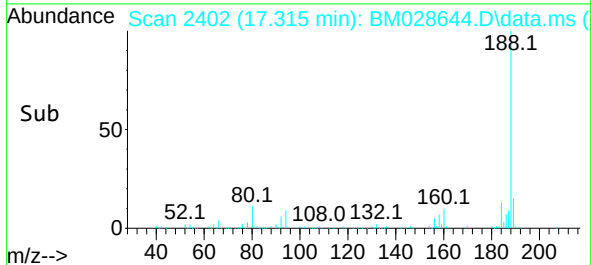
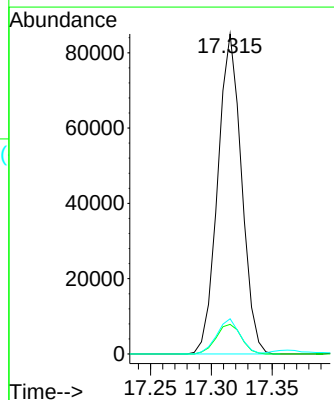
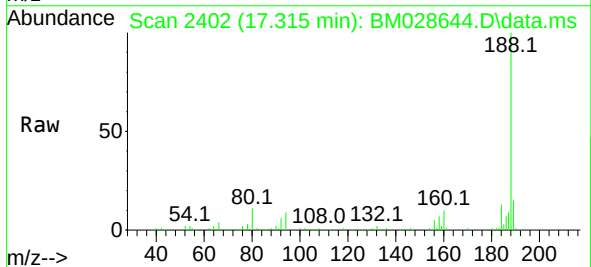
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.0  | 5.8   | 45.8  |
| 105 | 20.3  | 0.0   | 37.2  |
| 51  | 32.5  | 3.6   | 43.6  |

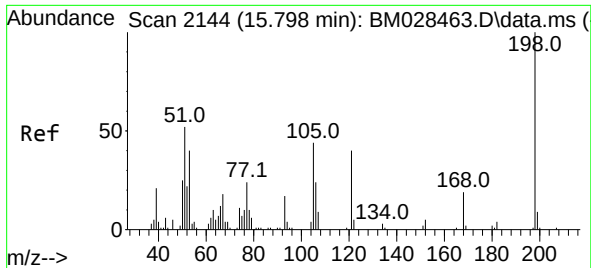


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.315 min Scan# 2402  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion: 188 Resp: 115496

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.3   | 6.2   | 9.4   |
| 80  | 11.0  | 7.5   | 11.3  |

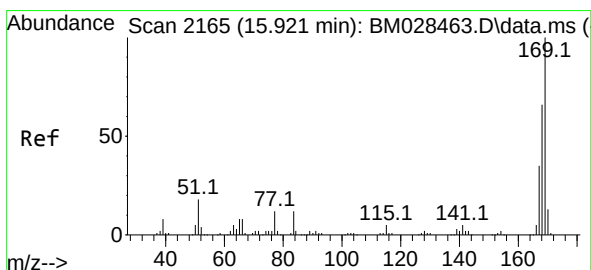
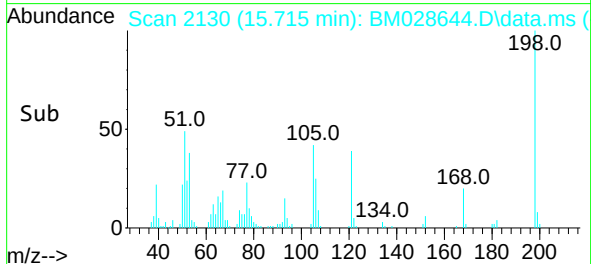
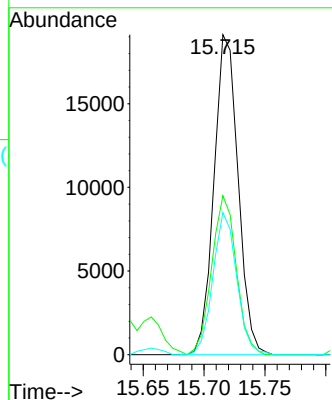
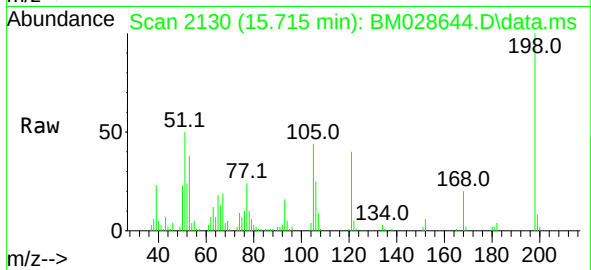




#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.68 ng  
RT: 15.715 min Scan# 2130  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

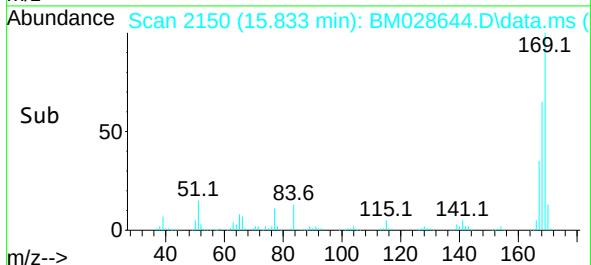
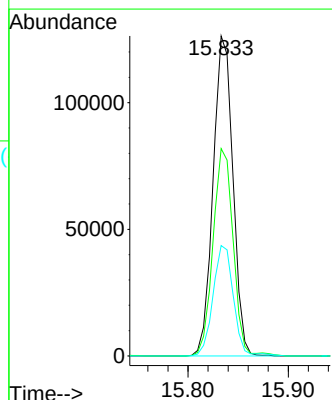
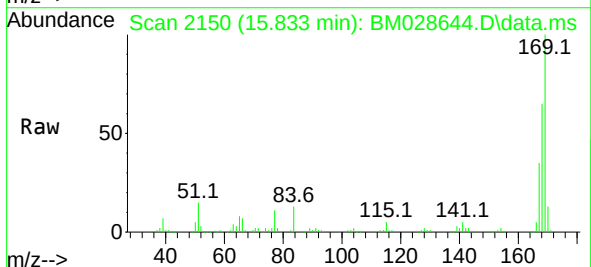
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

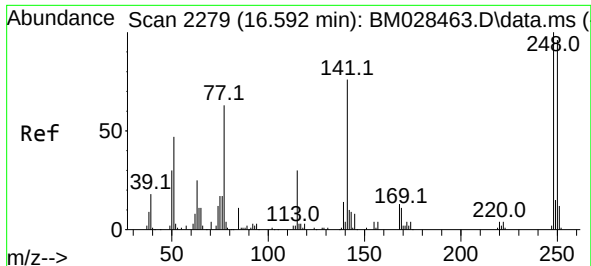
Tgt Ion:198 Resp: 26318  
Ion Ratio Lower Upper  
198 100  
51 49.7 13.0 53.0  
105 44.4 18.7 58.7



#66  
n-Nitrosodiphenylamine  
Concen: 44.77 ng  
RT: 15.833 min Scan# 2150  
Delta R.T. -0.012 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:169 Resp: 173138  
Ion Ratio Lower Upper  
169 100  
168 64.8 53.8 80.8  
167 34.5 29.0 43.4

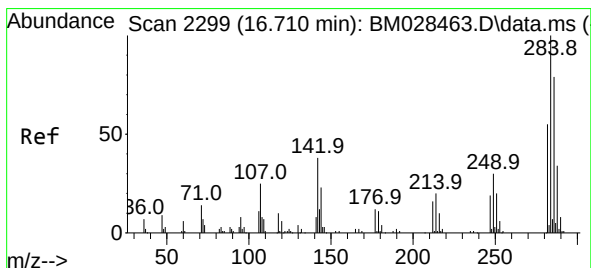
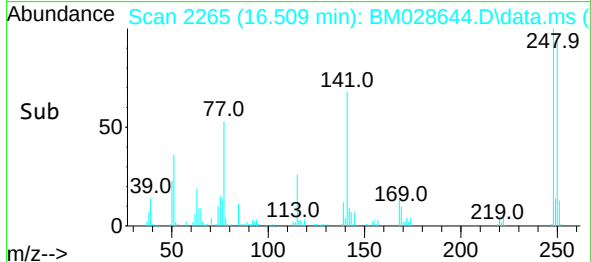
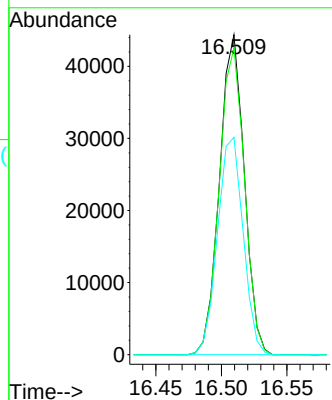
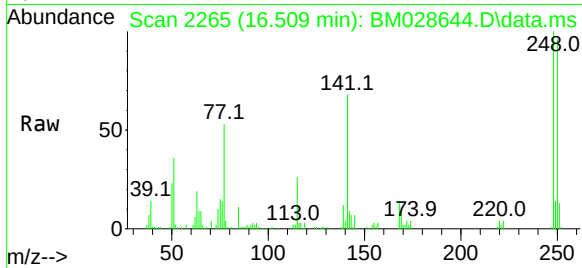




#67  
4-Bromophenyl-phenylether  
Concen: 42.60 ng  
RT: 16.509 min Scan# 2265  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

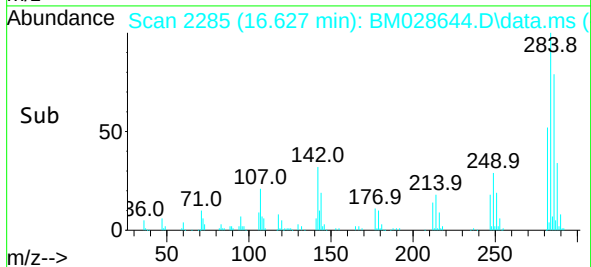
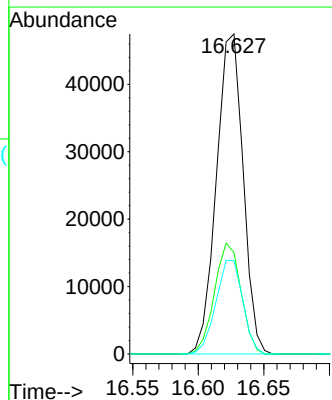
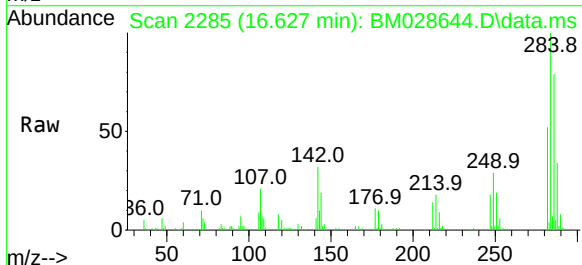
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

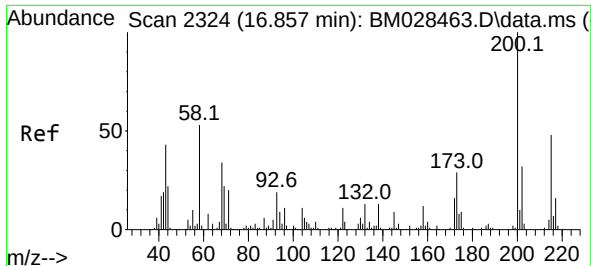
Tgt Ion:248 Resp: 58276  
Ion Ratio Lower Upper  
248 100  
250 95.9 79.1 118.7  
141 67.9 51.8 77.8



#68  
Hexachlorobenzene  
Concen: 42.26 ng  
RT: 16.627 min Scan# 2285  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:284 Resp: 67168  
Ion Ratio Lower Upper  
284 100  
142 31.7 26.1 39.1  
249 29.2 25.6 38.4

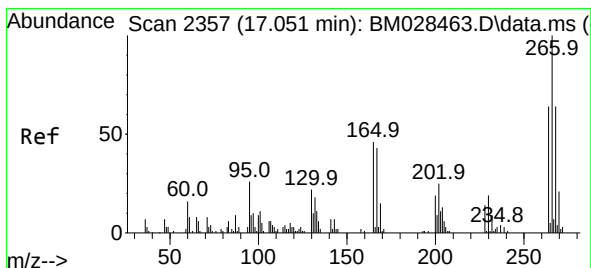
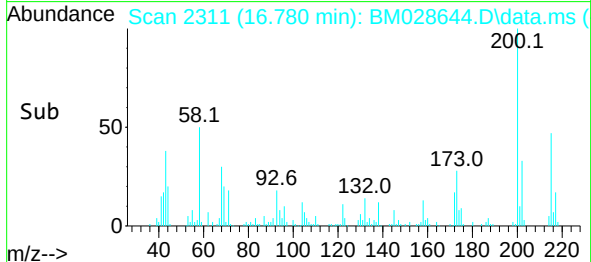
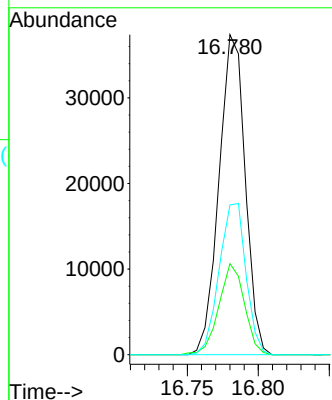
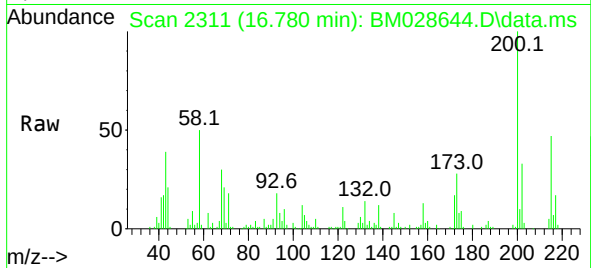




#69  
Atrazine  
Concen: 41.80 ng  
RT: 16.780 min Scan# 2311  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

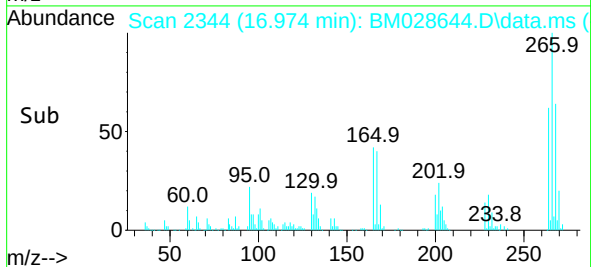
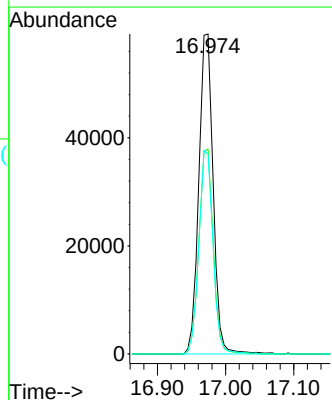
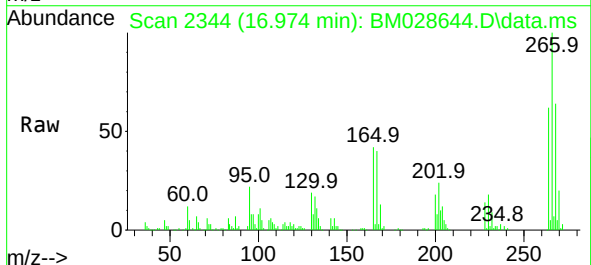
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

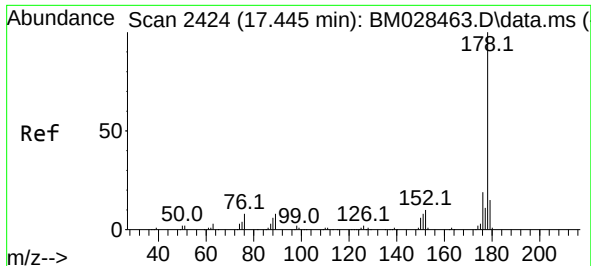
Tgt Ion:200 Resp: 47926  
Ion Ratio Lower Upper  
200 100  
173 28.4 4.9 44.9  
215 46.8 29.0 69.0



#70  
Pentachlorophenol  
Concen: 100.17 ng  
RT: 16.974 min Scan# 2344  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:266 Resp: 86776  
Ion Ratio Lower Upper  
266 100  
268 64.0 49.9 74.9  
264 62.4 50.6 76.0

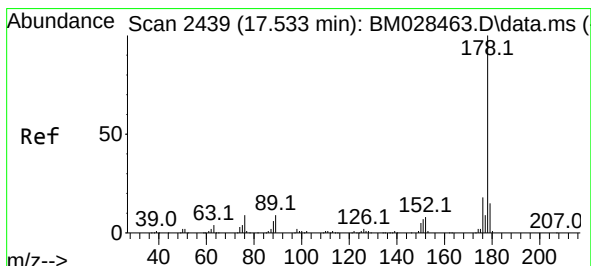
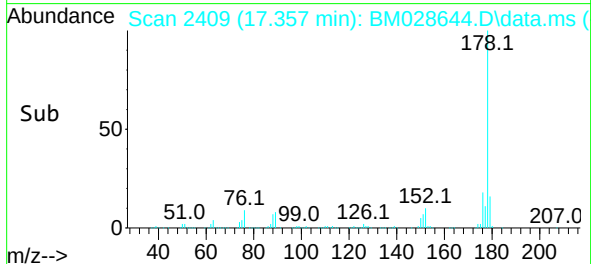
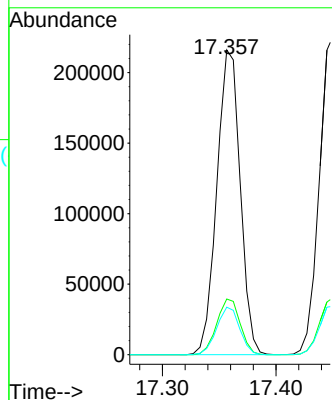
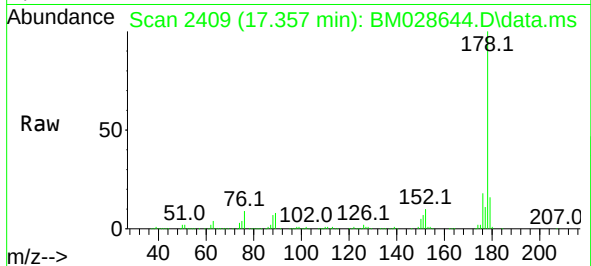




#71  
Phenanthrene  
Concen: 43.50 ng  
RT: 17.357 min Scan# 2409  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

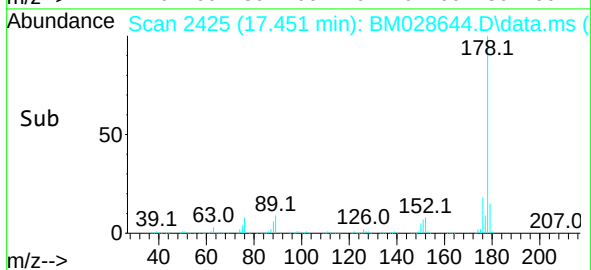
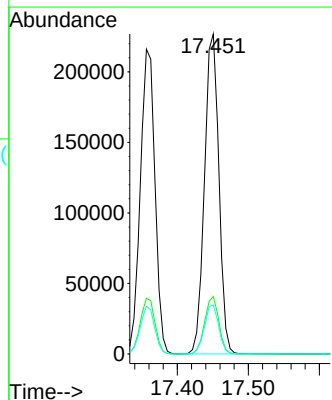
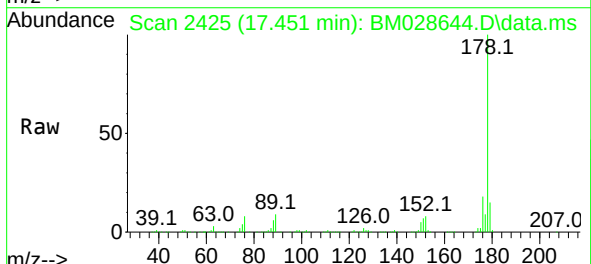
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

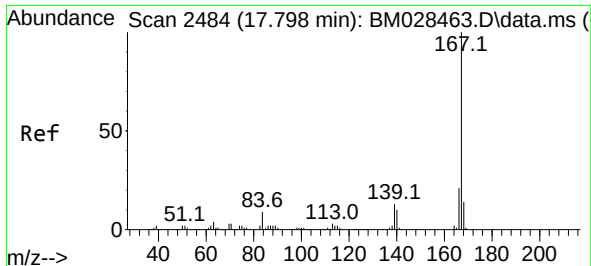
Tgt Ion:178 Resp: 308948  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.0 22.6  
179 15.6 12.2 18.4



#72  
Anthracene  
Concen: 46.69 ng  
RT: 17.451 min Scan# 2425  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

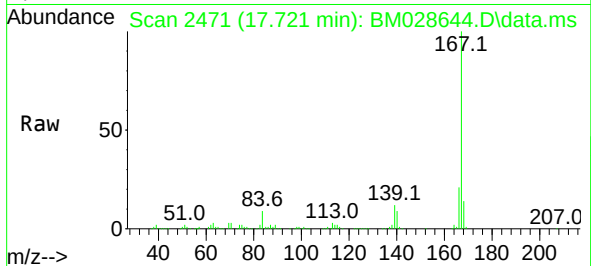
Tgt Ion:178 Resp: 320346  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.0 22.4  
179 15.2 12.5 18.7



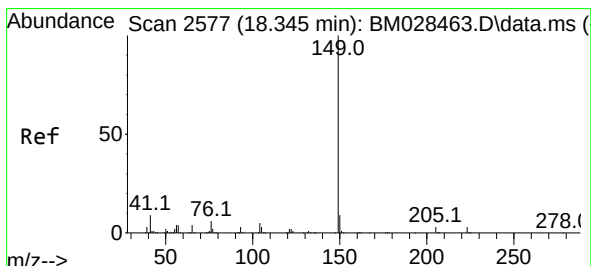
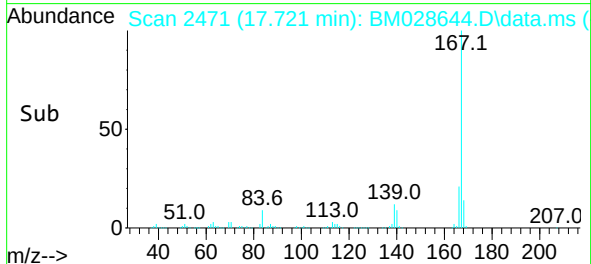
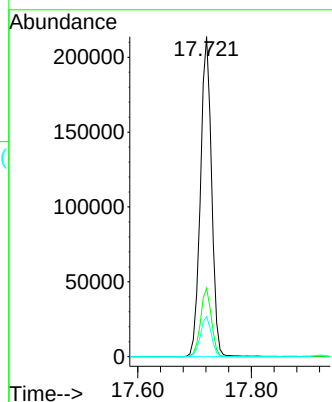


#73  
 Carbazole  
 Concen: 44.76 ng  
 RT: 17.721 min Scan# 2471  
 Delta R.T. -0.006 min  
 Lab File: BM028644.D  
 Acq: 03 Feb 2021 15:08

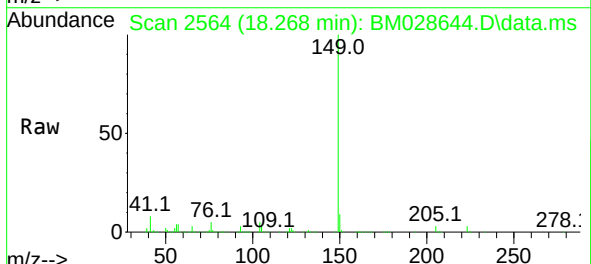
Instrument :  
 BNA\_M  
 ClientSampleId :  
 OU421-005-0510MS



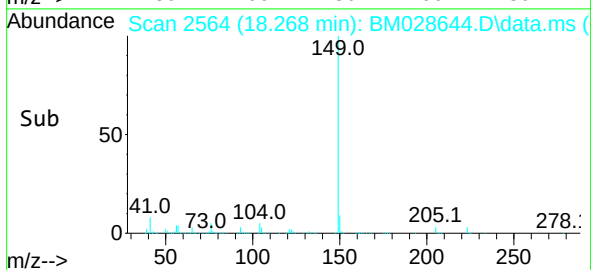
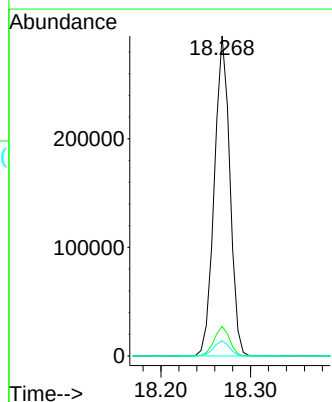
Tgt Ion:167 Resp: 291232  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 16.9 25.3  
 139 12.5 9.9 14.9



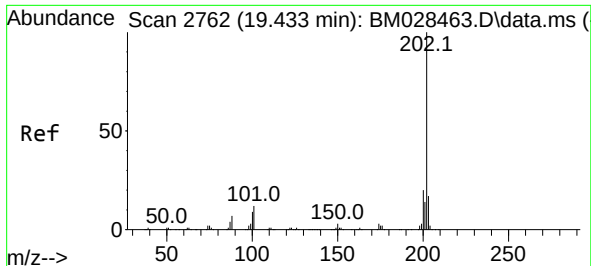
#74  
 Di-n-butylphthalate  
 Concen: 45.18 ng  
 RT: 18.268 min Scan# 2564  
 Delta R.T. -0.006 min  
 Lab File: BM028644.D  
 Acq: 03 Feb 2021 15:08



Tgt Ion:149 Resp: 353652  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 4.7 4.7 7.1



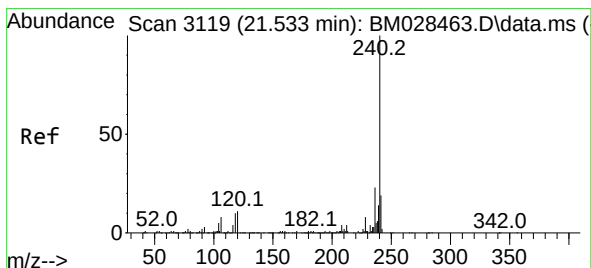
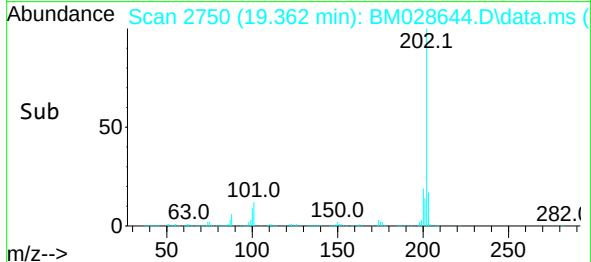
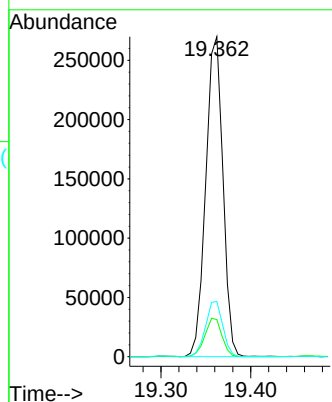
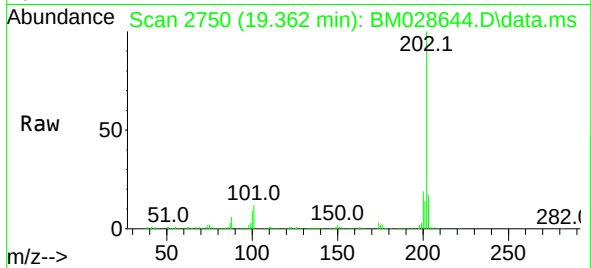




#75  
Fluoranthene  
Concen: 44.96 ng  
RT: 19.362 min Scan# 2750  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

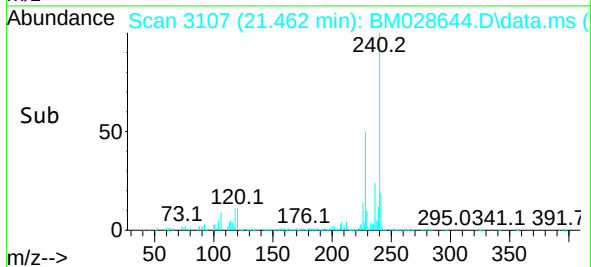
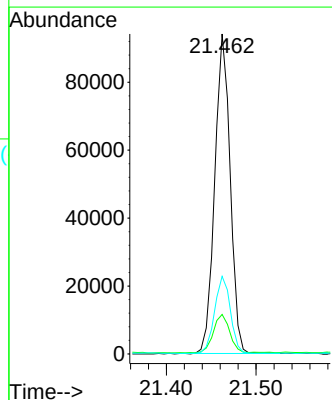
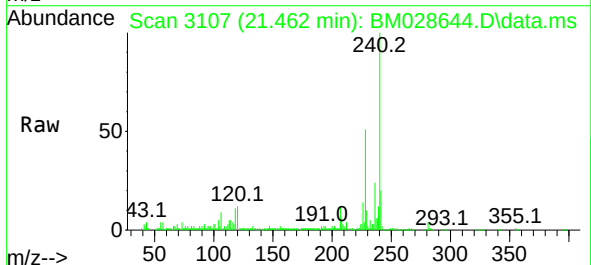
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

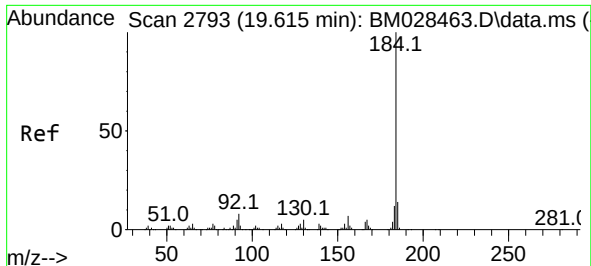
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 358668 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.6  | 0.0   | 28.5   |
| 203       | 17.2  | 0.0   | 37.3   |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.462 min Scan# 3107  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 112011 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 12.3  | 6.4   | 9.6#   |
| 236       | 24.3  | 20.1  | 30.1   |

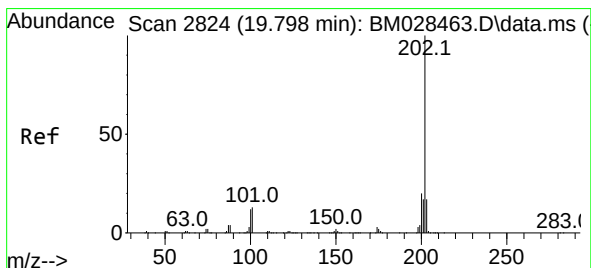
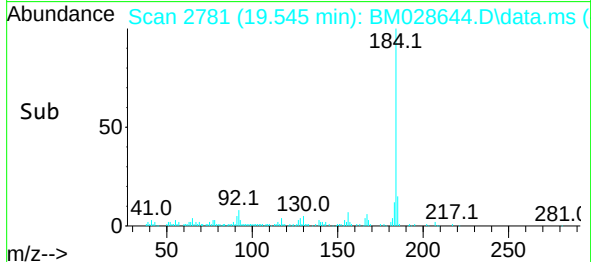
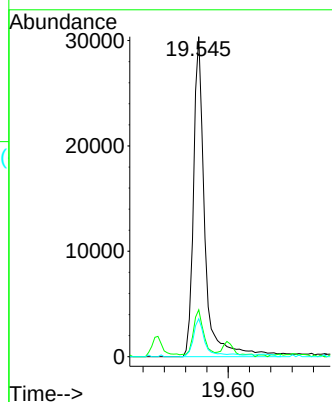
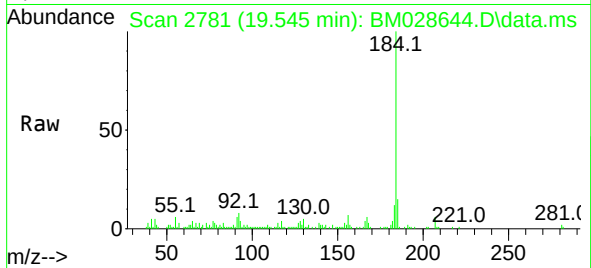




#77  
Benzidine  
Concen: 17.80 ng  
RT: 19.545 min Scan# 2781  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

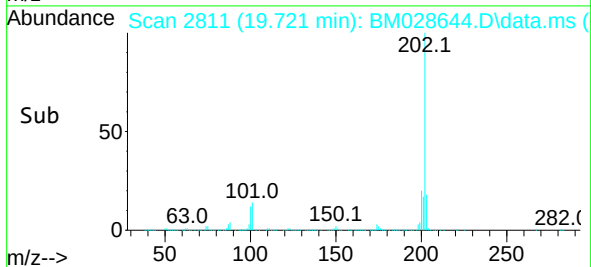
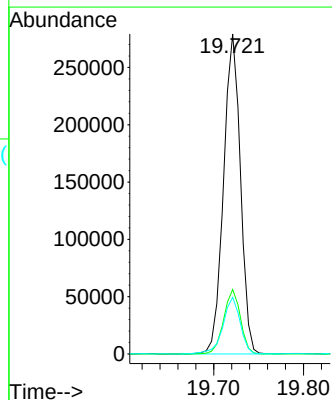
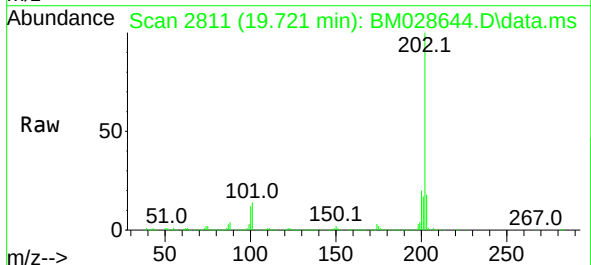
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

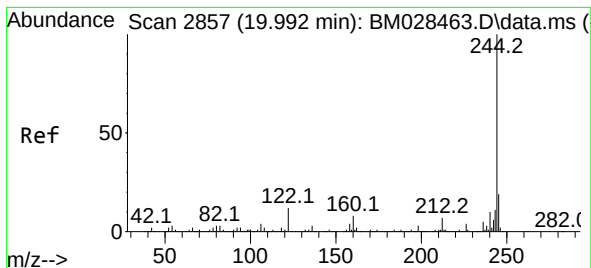
Tgt Ion:184 Resp: 44847  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.0 16.6  
183 11.8 9.7 14.5



#78  
Pyrene  
Concen: 45.38 ng  
RT: 19.721 min Scan# 2811  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:202 Resp: 364503  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.6 24.8  
203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 55.14 ng

RT: 19.915 min Scan# 2844

Delta R.T. -0.006 min

Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

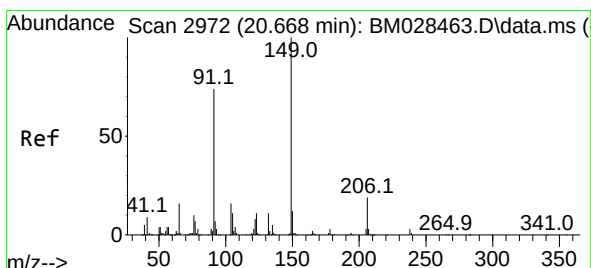
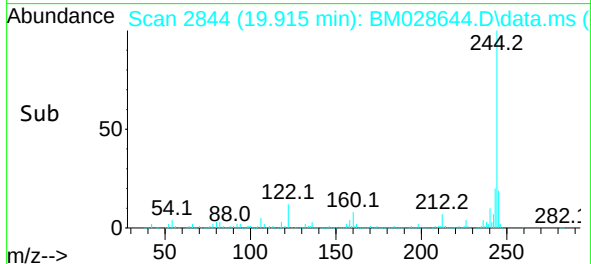
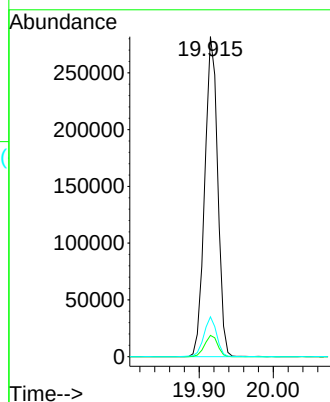
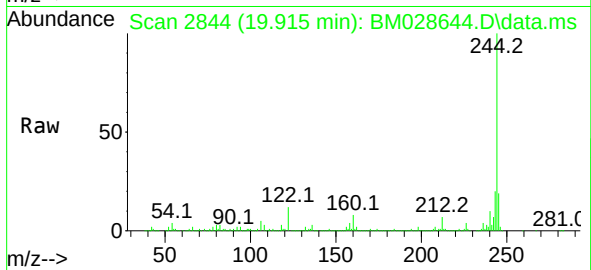
Tgt Ion:244 Resp: 342020

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 12.4 6.5 9.7#



#80

Butylbenzylphthalate

Concen: 45.47 ng

RT: 20.603 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

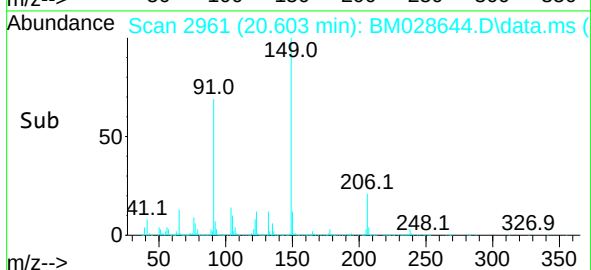
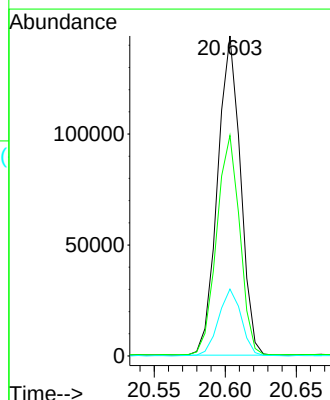
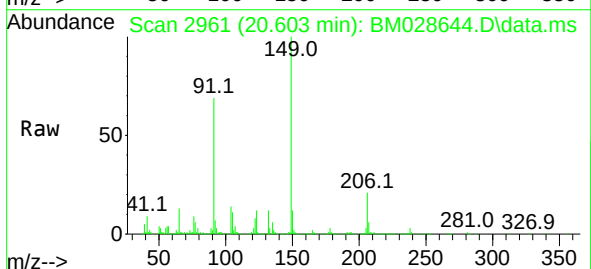
Tgt Ion:149 Resp: 161014

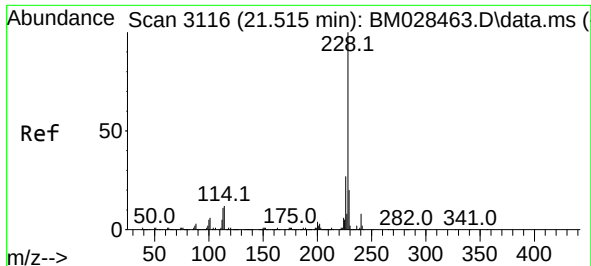
Ion Ratio Lower Upper

149 100

91 68.9 58.1 87.1

206 20.9 18.7 28.1

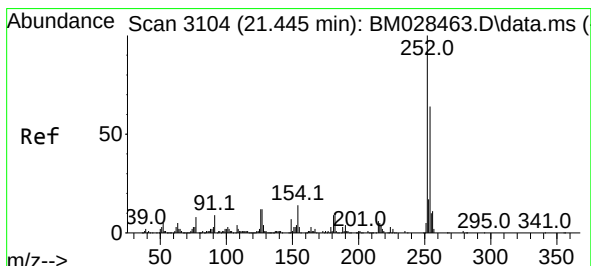
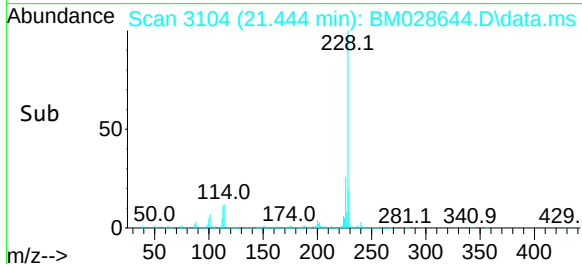
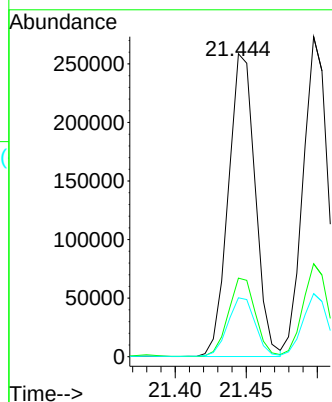
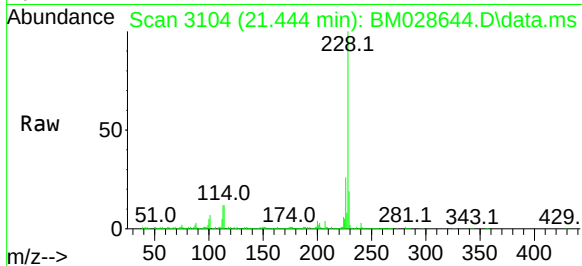




#81  
Benzo(a)anthracene  
Concen: 44.01 ng  
RT: 21.444 min Scan# 3104  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

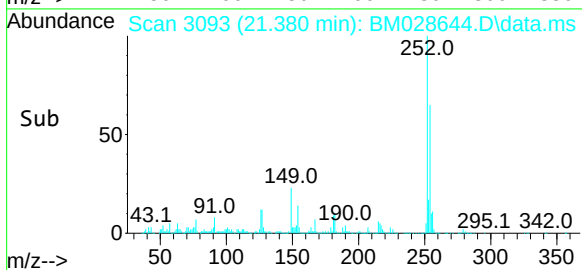
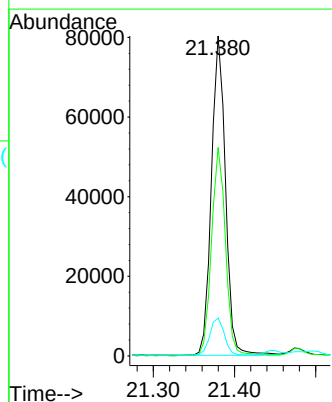
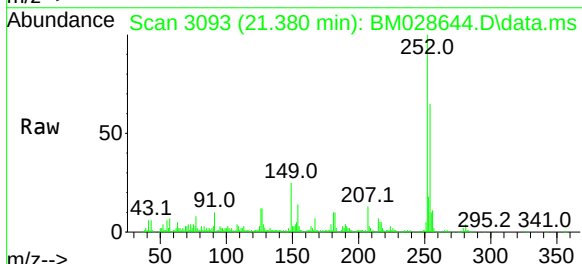
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

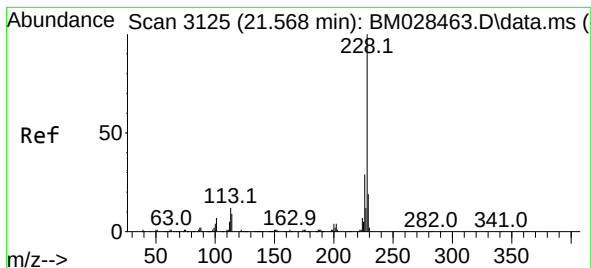
Tgt Ion:228 Resp: 340427  
Ion Ratio Lower Upper  
228 100  
226 25.9 21.1 31.7  
229 19.5 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 38.82 ng  
RT: 21.380 min Scan# 3093  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:252 Resp: 96491  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.4 77.0  
126 11.9 6.8 10.2#





#83

Chrysene

Concen: 44.10 ng

RT: 21.497 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

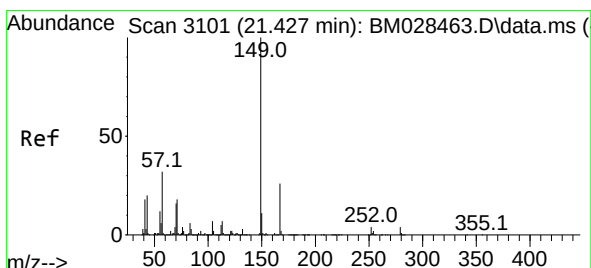
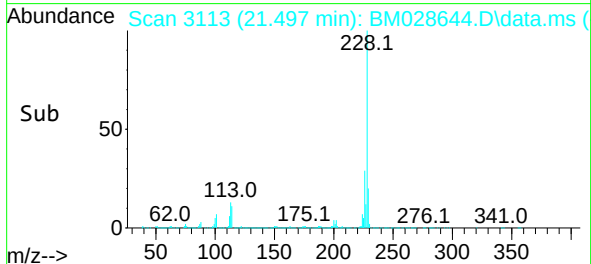
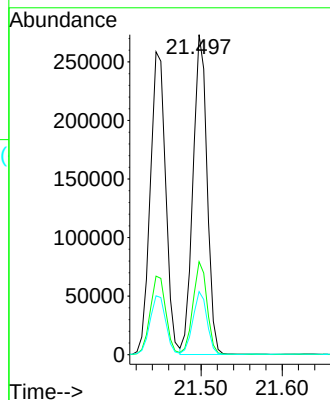
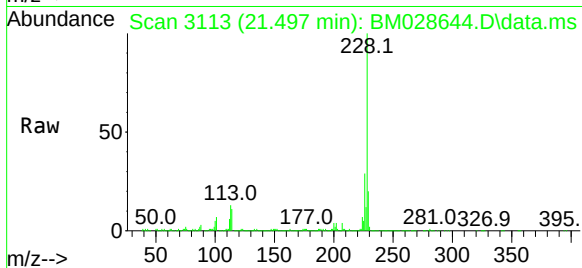
Tgt Ion:228 Resp: 329330

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.59 ng

RT: 21.362 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

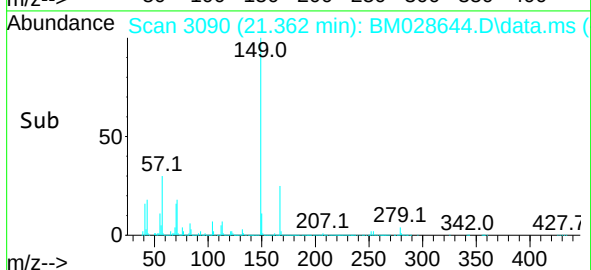
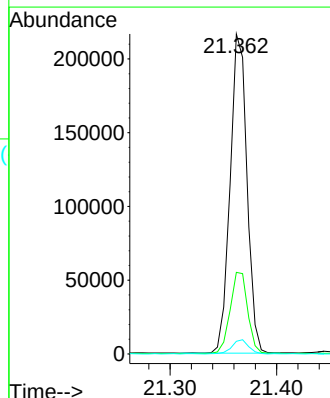
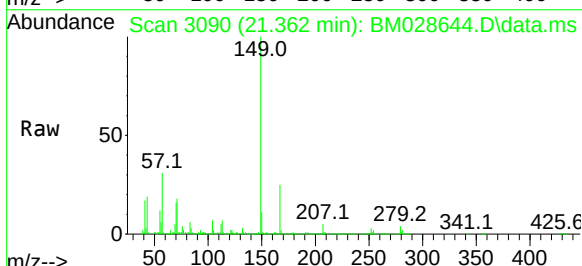
Tgt Ion:149 Resp: 238291

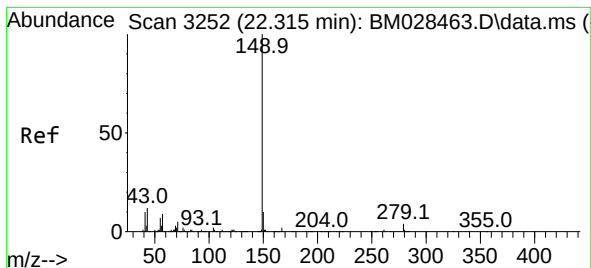
Ion Ratio Lower Upper

149 100

167 25.5 22.7 34.1

279 4.0 4.0 6.0#

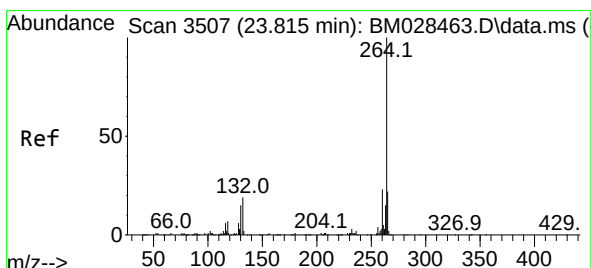
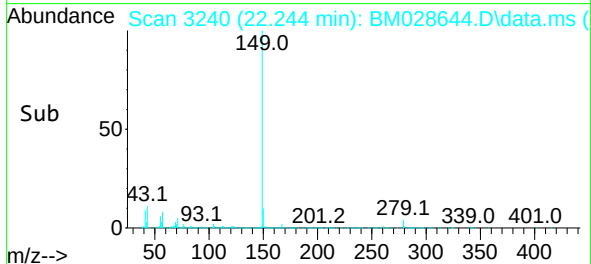
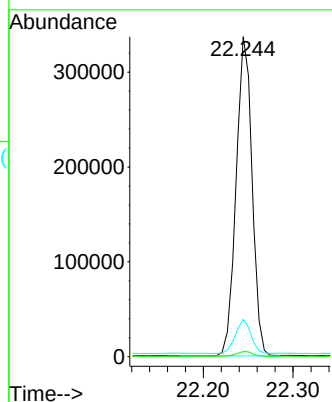
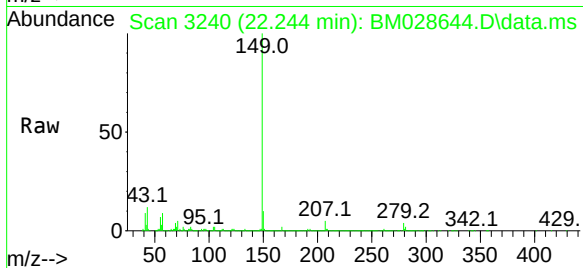




#85  
Di-n-octyl phthalate  
Concen: 49.01 ng  
RT: 22.244 min Scan# 3240  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

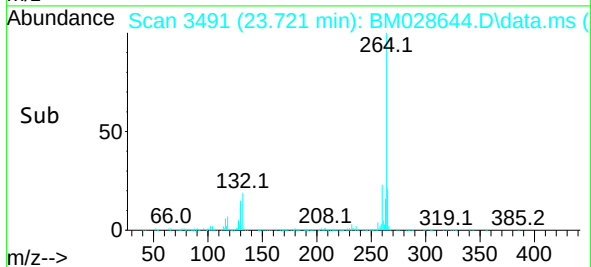
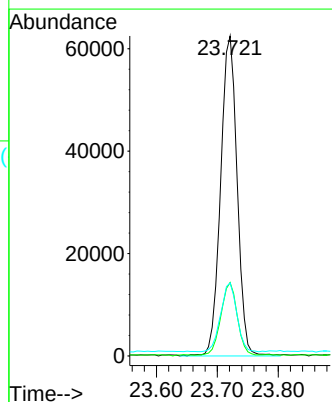
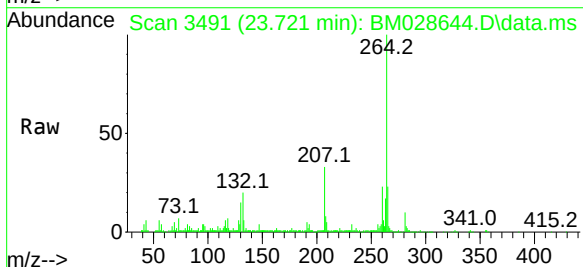
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

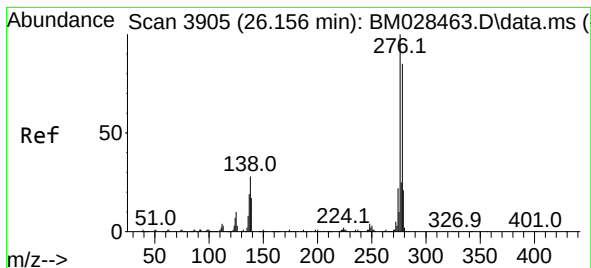
Tgt Ion:149 Resp: 414873  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.5 5.8 8.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.721 min Scan# 3491  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:264 Resp: 117916  
Ion Ratio Lower Upper  
264 100  
260 22.9 19.0 28.4  
265 22.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.40 ng

RT: 26.021 min Scan# 3882

Delta R.T. -0.012 min

Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

Tgt Ion:276 Resp: 398868

Ion Ratio Lower Upper

276 100

138 28.5 14.2 21.4#

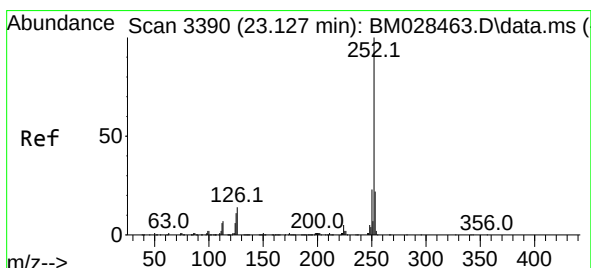
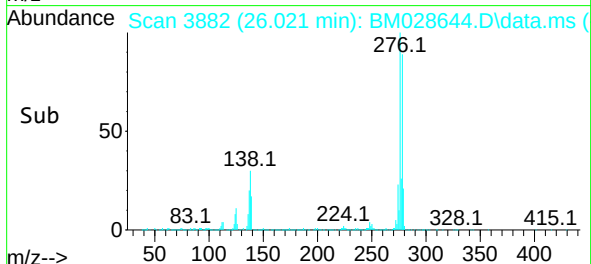
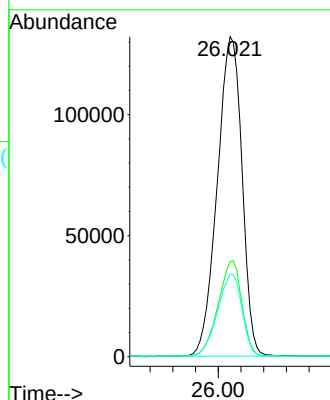
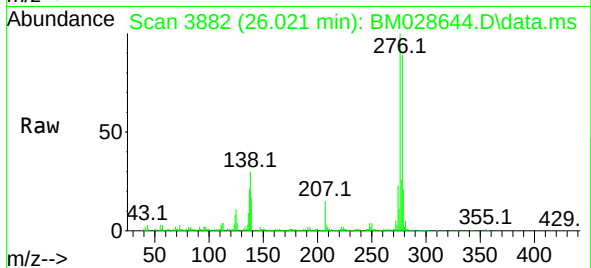
277 25.4 19.8 29.8

Instrument :

BNA\_M

ClientSampleId :

OU421-005-0510MS



#88

Benzo(b)fluoranthene

Concen: 44.21 ng

RT: 23.038 min Scan# 3375

Delta R.T. -0.012 min

Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

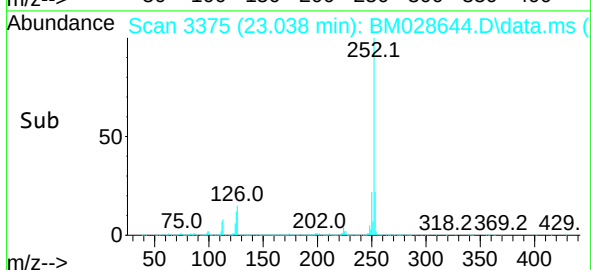
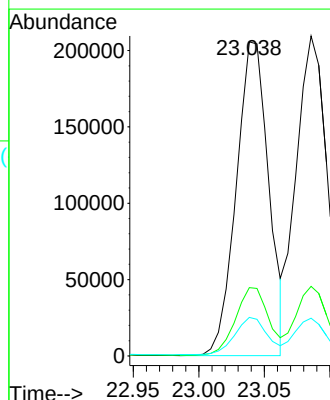
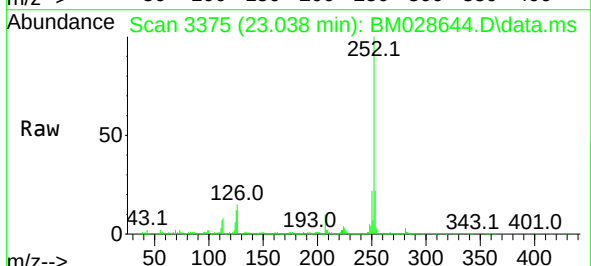
Tgt Ion:252 Resp: 353889

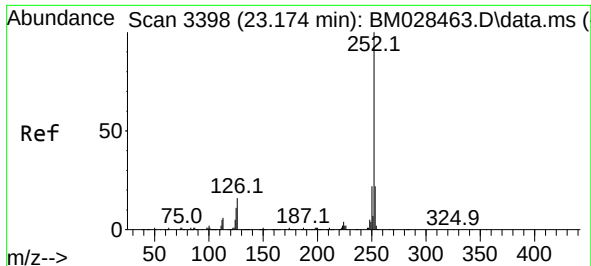
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 12.3 5.7 8.5#

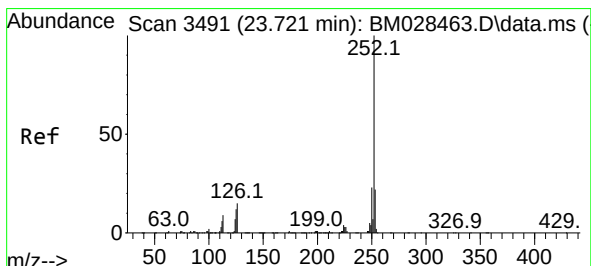
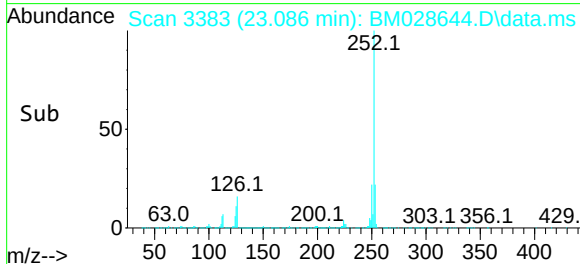
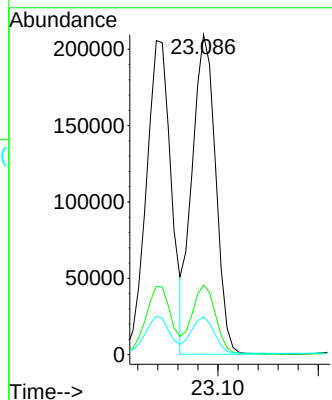
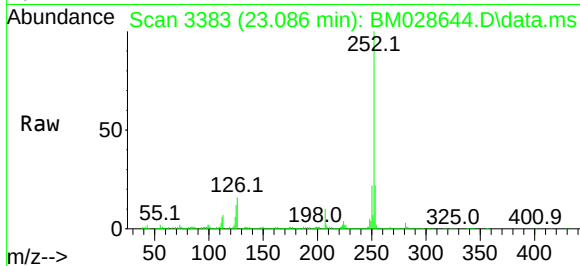




#89  
Benzo(k)fluoranthene  
Concen: 43.63 ng  
RT: 23.086 min Scan# 3383  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

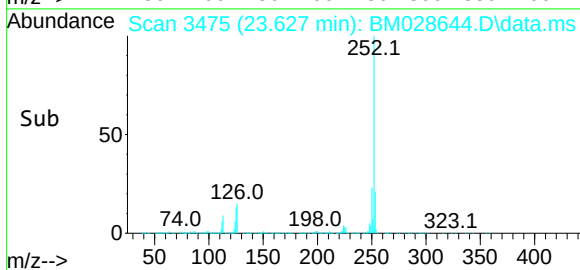
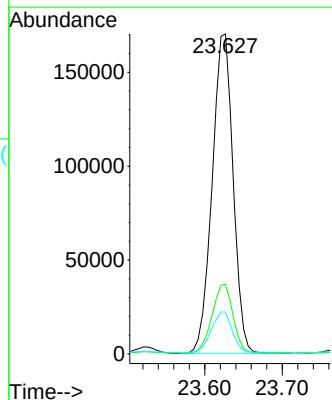
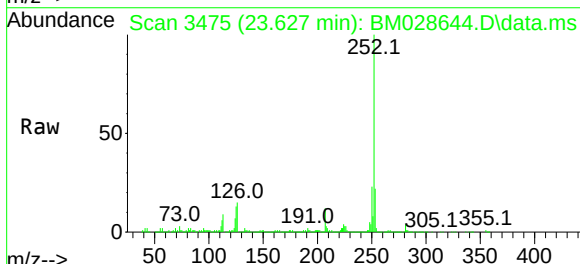
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-005-0510MS

Tgt Ion:252 Resp: 341012  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 11.8 5.6 8.4#

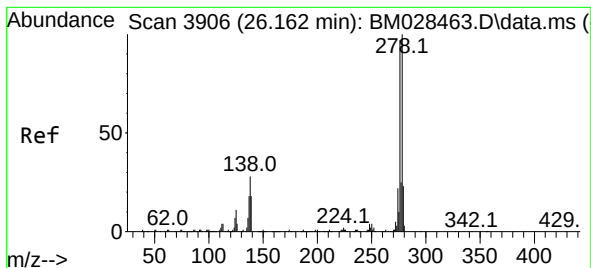


#90  
Benzo(a)pyrene  
Concen: 43.06 ng  
RT: 23.627 min Scan# 3475  
Delta R.T. -0.006 min  
Lab File: BM028644.D  
Acq: 03 Feb 2021 15:08

Tgt Ion:252 Resp: 319382  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.2  
125 13.0 6.6 9.8#







#91

Dibenzo(a,h)anthracene

Concen: 45.85 ng

RT: 26.032 min Scan# 3884

Delta R.T. -0.006 min

Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

Tgt Ion:278 Resp: 333239

Ion Ratio Lower Upper

278 100

139 18.5 9.0 13.6#

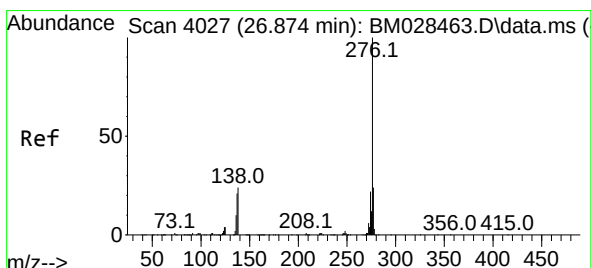
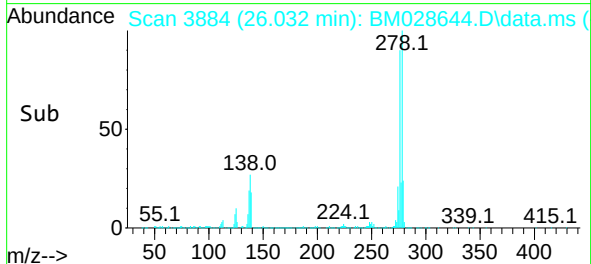
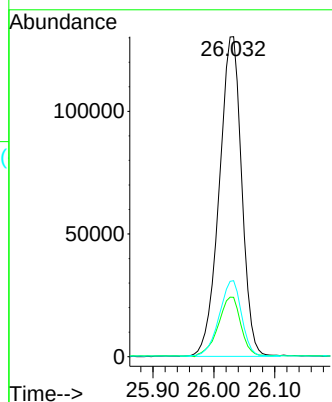
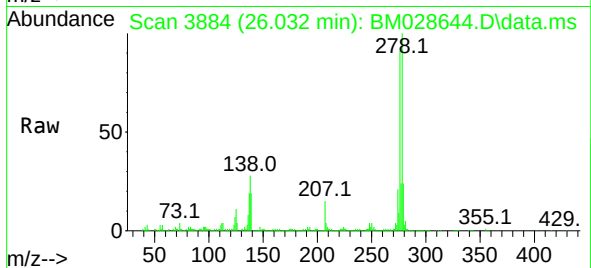
279 23.8 19.0 28.4

Instrument :

BNA\_M

ClientSampleId :

OU421-005-0510MS



#92

Benzo(g,h,i)perylene

Concen: 46.30 ng

RT: 26.726 min Scan# 4002

Delta R.T. -0.006 min

Lab File: BM028644.D

Acq: 03 Feb 2021 15:08

Tgt Ion:276 Resp: 330987

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 24.3 12.2 18.2#

