

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060921\  
 Data File : BM030349.D  
 Acq On : 09 Jun 2021 19:21  
 Operator : CG/JU  
 Sample : M2612-19MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 18-B12(78-82)MS

Manual Integrations  
 APPROVED

mohammad  
 6/11/2021 1:28:02 PM

Quant Time: Jun 10 02:27:26 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 08 20:51:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.851  | 152  | 242334   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.639 | 136  | 1031751  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.474 | 164  | 701109   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.209 | 188  | 1483457  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.368 | 240  | 1336512  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.650 | 264  | 1190952  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 885232   | 59.384  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.016  | 99   | 1262280  | 58.494  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.004  | 82   | 734093   | 34.663  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 573220   | 65.029  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.098 | 172  | 1972643  | 37.001  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.815 | 244  | 3479685  | 45.730  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.352  | 88   | 218956   | 33.977  | ng    | # 88     |
| 3) Pyridine                   | 3.752  | 79   | 516072   | 31.372  | ng    | # 85     |
| 4) n-Nitrosodimethylamine     | 3.657  | 42   | 327863   | 39.261  | ng    | # 84     |
| 6) Aniline                    | 7.181  | 93   | 1105407  | 44.888  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.416  | 128  | 794377   | 45.403  | ng    | 98       |
| 9) Benzaldehyde               | 6.992  | 77   | 528776   | 58.666  | ng    | 92       |
| 10) Phenol                    | 7.040  | 94   | 1026503  | 47.087  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.275  | 93   | 767144   | 44.662  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.739  | 146  | 796530   | 41.322  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.887  | 146  | 822626   | 41.877  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.204  | 146  | 793865   | 41.544  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.087  | 79   | 623684   | 41.183  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.375  | 45   | 1151796  | 41.673  | ng    | 90       |
| 17) 2-Methylphenol            | 8.287  | 107  | 677354   | 47.947  | ng    | 93       |
| 18) Hexachloroethane          | 8.928  | 117  | 302777   | 42.885  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.657  | 70   | 611005   | 42.645  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.616  | 107  | 919828   | 47.856  | ng    | 97       |
| 22) Acetophenone              | 8.669  | 105  | 1173065  | 42.554  | ng    | 98       |
| 24) Nitrobenzene              | 9.045  | 77   | 864642   | 39.138  | ng    | 98       |
| 25) Isophorone                | 9.575  | 82   | 1598965  | 39.393  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.757  | 139  | 405833   | 42.362  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.816  | 122  | 773807   | 49.251  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.051 | 93   | 1038575  | 45.002  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.286 | 162  | 809350   | 45.952  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.504 | 180  | 831183   | 41.343  | ng    | 99       |
| 31) Naphthalene               | 10.692 | 128  | 2401029  | 39.949  | ng    | 99       |
| 32) Benzoic acid              | 9.957  | 122  | 527185   | 43.712  | ng    | 92       |
| 33) 4-Chloroaniline           | 10.804 | 127  | 521748   | 21.331  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.975 | 225  | 487430   | 40.615  | ng    | 97       |
| 35) Caprolactam               | 11.598 | 113  | 255004m  | 42.771  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.916 | 107  | 837629   | 45.401  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.298 | 142  | 1831471  | 41.532  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.522 | 142  | 1699319  | 40.459  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.669 | 216  | 969086   | 42.882  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.651 | 237  | 1351935  | 109.107 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.904 | 196  | 686215   | 44.916  | ng    | 100      |

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Manual Integrations  
 APPROVED

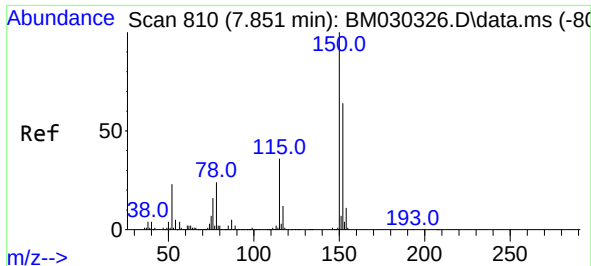
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.974 | 196  | 752698   | 44.916  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.310 | 154  | 2335267  | 41.130  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.351 | 162  | 1857265  | 40.470  | ng    | 97       |
| 48) 2-Nitroaniline            | 13.551 | 65   | 547870   | 39.917  | ng    | 99       |
| 49) Acenaphthylene            | 14.198 | 152  | 2941719  | 41.843  | ng    | 100      |
| 50) Dimethylphthalate         | 13.933 | 163  | 3102221  | 55.599  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.051 | 165  | 526855   | 42.834  | ng    | 94       |
| 52) Acenaphthene              | 14.539 | 154  | 1778990  | 39.615  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.380 | 138  | 531636   | 39.496  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.586 | 184  | 639801   | 74.558  | ng    | 87       |
| 55) Dibenzofuran              | 14.874 | 168  | 2828567  | 39.586  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.686 | 139  | 909744   | 87.104  | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 715620   | 41.586  | ng    | 98       |
| 58) Fluorene                  | 15.521 | 166  | 2428469  | 41.196  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.098 | 232  | 651036   | 44.886  | ng    | 98       |
| 60) Diethylphthalate          | 15.292 | 149  | 2484451  | 44.542  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204  | 1236794  | 42.570  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.539 | 138  | 554766   | 39.146  | ng    | 89       |
| 63) Azobenzene                | 15.804 | 77   | 2298166  | 40.793  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 198  | 396627   | 40.579  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.727 | 169  | 2115693  | 41.010  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248  | 714092   | 41.307  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.521 | 284  | 836903   | 42.695  | ng    | 97       |
| 69) Atrazine                  | 16.674 | 200  | 724662   | 52.449  | ng    | 96       |
| 70) Pentachlorophenol         | 16.862 | 266  | 1125450  | 98.096  | ng    | 97       |
| 71) Phenanthrene              | 17.251 | 178  | 3790953  | 40.612  | ng    | 99       |
| 72) Anthracene                | 17.345 | 178  | 3878909  | 42.797  | ng    | 100      |
| 73) Carbazole                 | 17.609 | 167  | 3422846  | 39.601  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.168 | 149  | 4499354  | 49.931  | ng    | 99       |
| 75) Fluoranthene              | 19.256 | 202  | 4380115  | 41.340  | ng    | 97       |
| 77) Benzidine                 | 19.445 | 184  | 3625109  | 153.297 | ng    | 98       |
| 78) Pyrene                    | 19.621 | 202  | 4474442  | 44.181  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.509 | 149  | 1832537  | 44.067  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.350 | 228  | 3980026  | 40.916  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.286 | 252  | 1400396  | 47.556  | ng    | 99       |
| 83) Chrysene                  | 21.403 | 228  | 3847995  | 40.705  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.280 | 149  | 2819253  | 44.969  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.168 | 149  | 4320022  | 44.738  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.979 | 276  | 3977478  | 43.909  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.962 | 252  | 3839278  | 42.593  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.009 | 252  | 3500470  | 39.762  | ng    | # 99     |
| 90) Benzo(a)pyrene            | 23.550 | 252  | 3520529  | 44.168  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 25.985 | 278  | 3386852  | 43.365  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 26.685 | 276  | 3262256  | 43.914  | ng    | 97       |

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





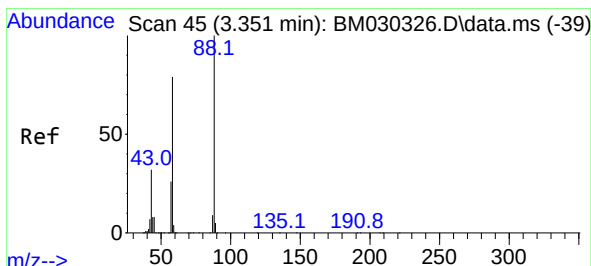
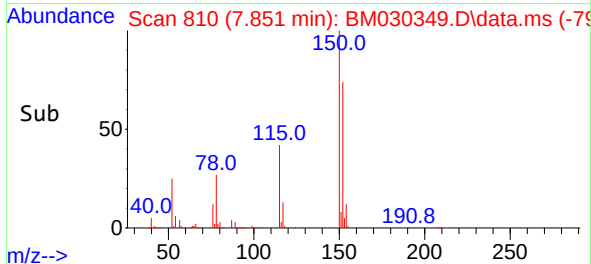
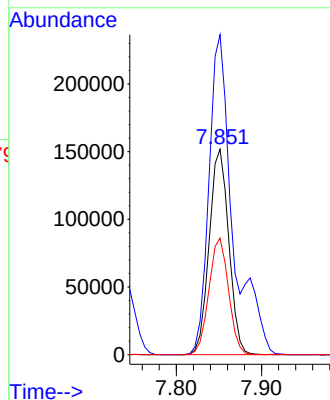
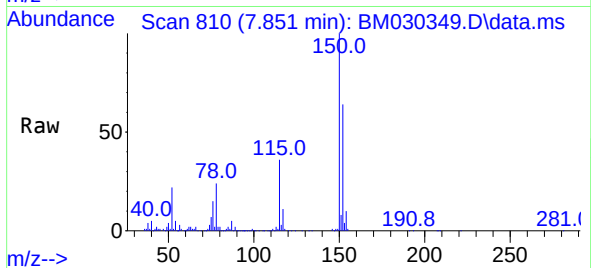
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.851 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion: 152 Resp: 242334  
Ion Ratio Lower Upper  
152 100  
150 155.8 125.9 188.9  
115 56.8 44.6 67.0

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BNA\_M  
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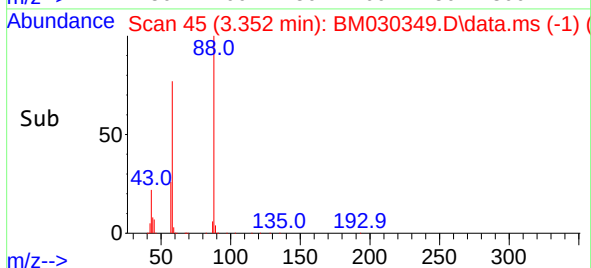
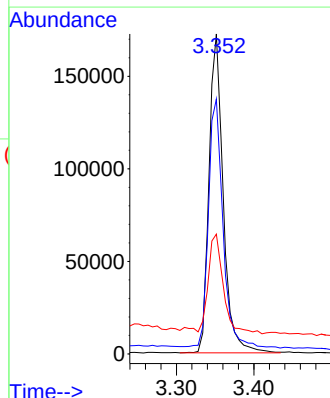
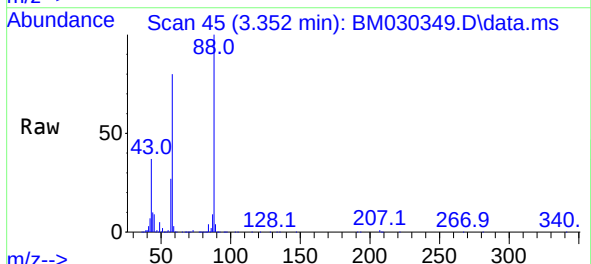
Manual Integrations  
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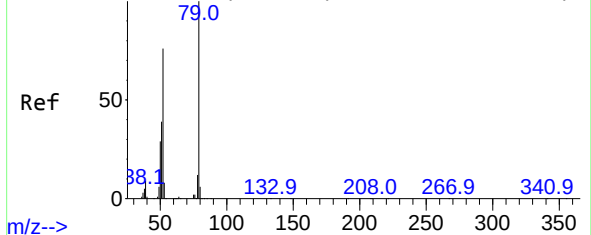


#2  
1,4-Dioxane  
Concen: 33.977 ng  
RT: 3.352 min Scan# 45  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion: 88 Resp: 218956  
Ion Ratio Lower Upper  
88 100  
58 81.1 53.6 80.4#  
43 32.1 25.8 38.6



Abundance Scan 113 (3.751 min): BM030326.D\data.ms (-10)



#3

Pyridine

Concen: 31.372 ng

RT: 3.752 min Scan# 113

Delta R.T. 0.000 min

Lab File: BM030349.D

Acq: 09 Jun 2021 19:21

Tgt Ion: 79 Resp: 516072

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 75.0  | 48.2  | 72.2# |
| 51  | 39.2  | 27.9  | 41.9  |

Instrument :

BNA\_M

ClientSampleId :

18-B12(78-82)MS

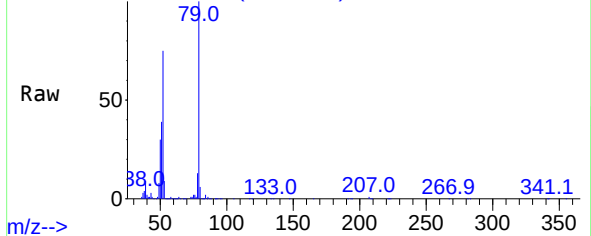
Manual Integrations

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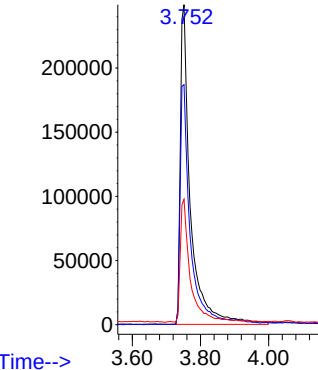
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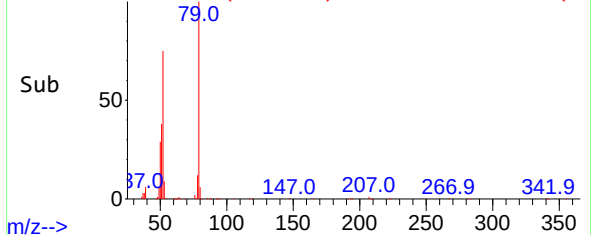
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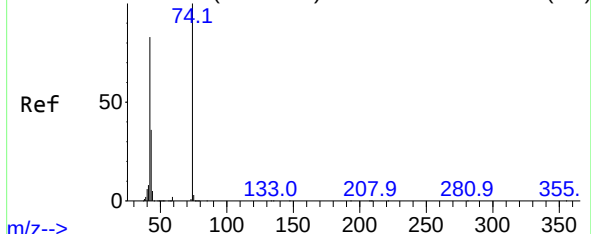
Abundance



Abundance Scan 113 (3.752 min): BM030349.D\data.ms (-96)



Abundance Scan 97 (3.657 min): BM030326.D\data.ms (-91)



#4

n-Nitrosodimethylamine

Concen: 39.261 ng

RT: 3.657 min Scan# 97

Delta R.T. 0.000 min

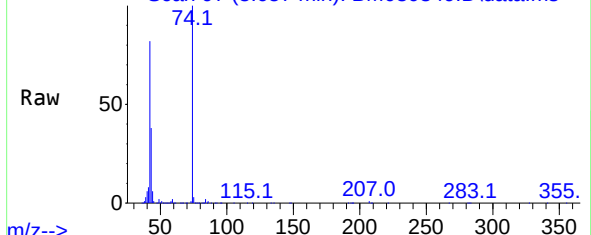
Lab File: BM030349.D

Acq: 09 Jun 2021 19:21

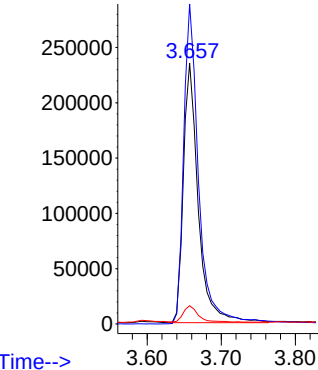
Tgt Ion: 42 Resp: 327863

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 122.6 | 84.1  | 126.1 |
| 44  | 7.0   | 4.5   | 6.7#  |

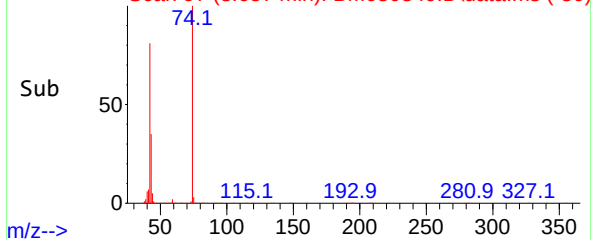
Abundance Scan 97 (3.657 min): BM030349.D\data.ms

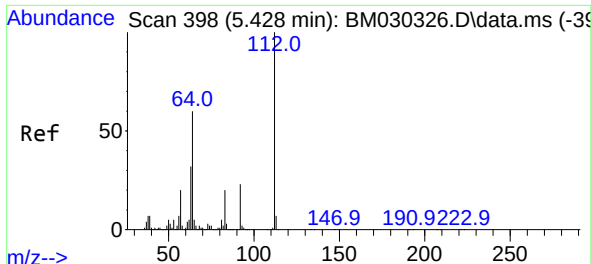


Abundance



Abundance Scan 97 (3.657 min): BM030349.D\data.ms (-80)





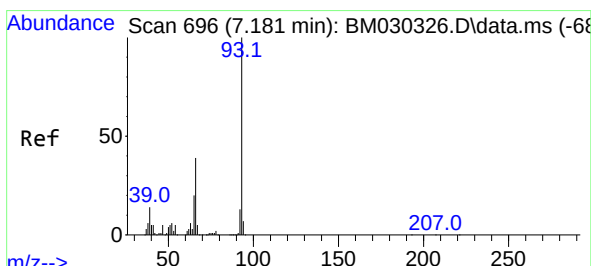
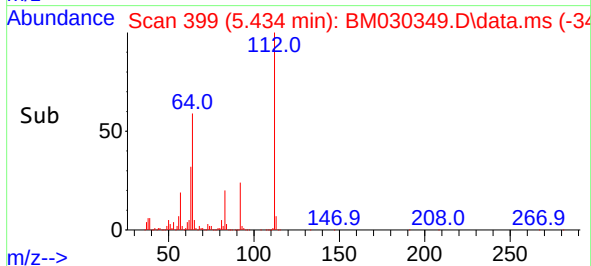
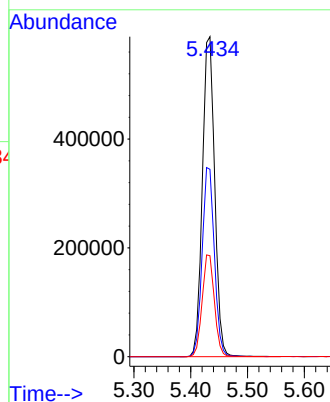
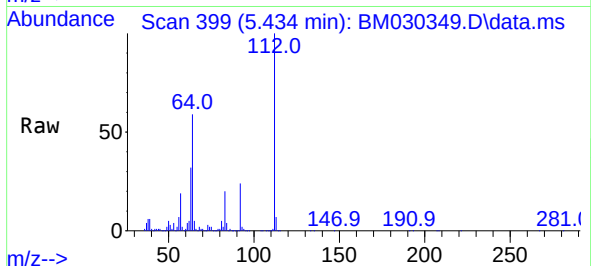
#5  
2-Fluorophenol  
Concen: 59.384 ng  
RT: 5.434 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 885232 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 58.5  | 47.1  | 70.7   |
| 63       | 31.5  | 27.3  | 40.9   |

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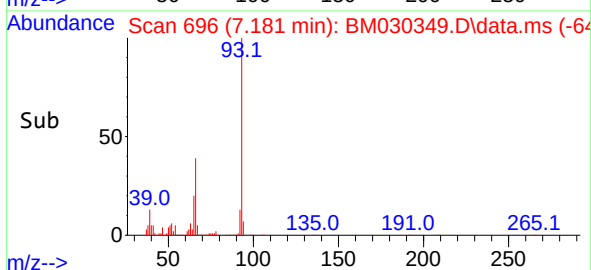
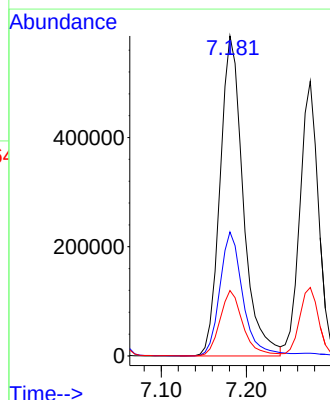
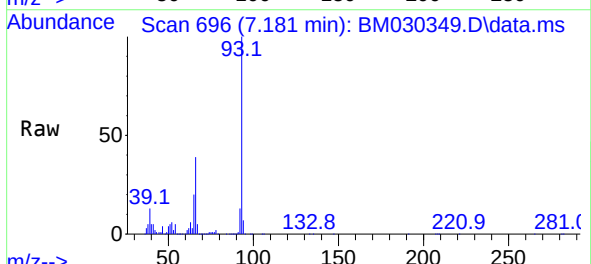
Manual Integrations  
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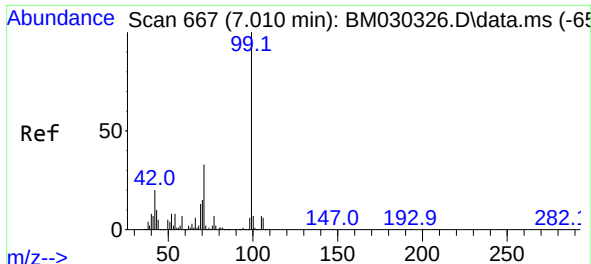
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6/11/2021 1:28:02 PM



#6  
Aniline  
Concen: 44.888 ng  
RT: 7.181 min Scan# 696  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 1105407 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 66       | 38.7  | 32.7  | 49.1    |
| 65       | 20.5  | 16.8  | 25.2    |





#7  
Phenol-d6  
Concen: 58.494 ng  
RT: 7.016 min Scan# 668  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

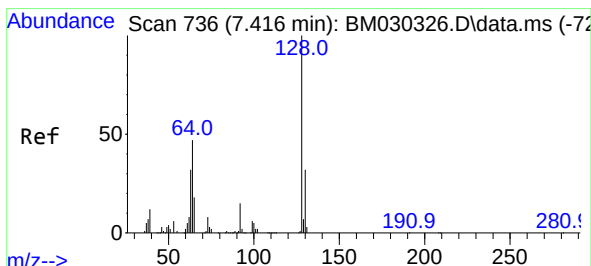
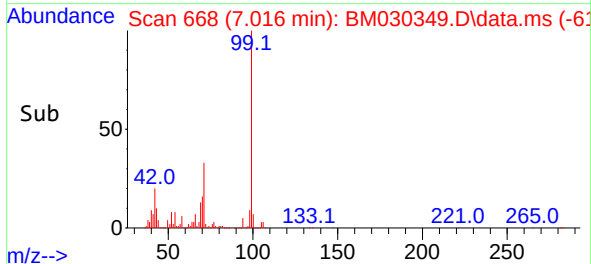
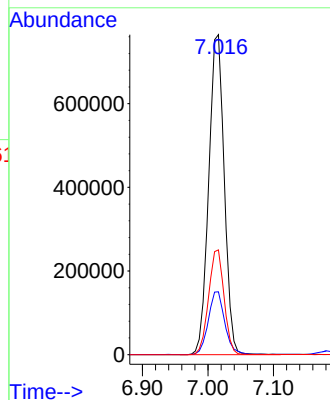
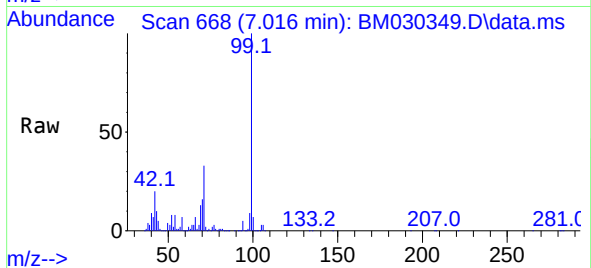
Tgt Ion: 99 Resp: 1262280

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.7  | 18.0  | 27.0  |
| 71  | 32.7  | 30.9  | 46.3  |

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Manual Integrations  
APPROVED

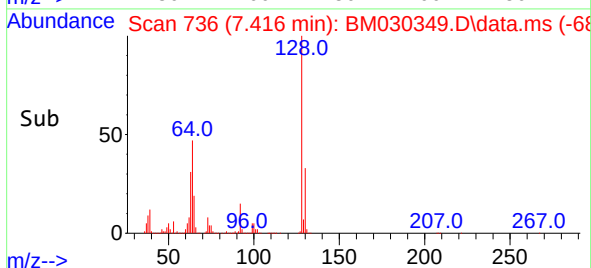
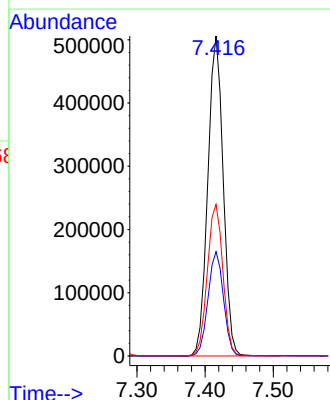
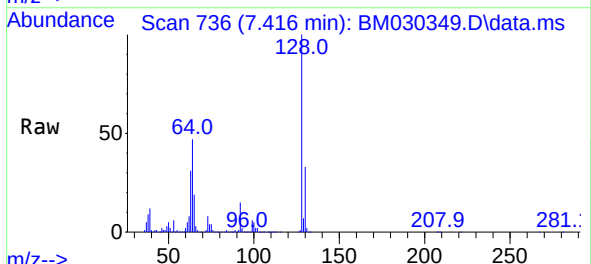
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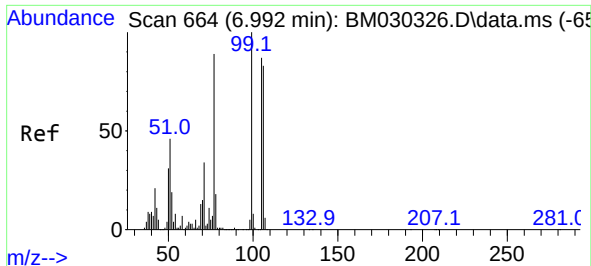


#8  
2-Chlorophenol  
Concen: 45.403 ng  
RT: 7.416 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion: 128 Resp: 794377

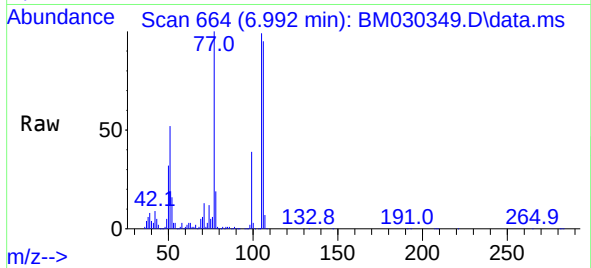
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.6  | 13.5  | 53.5  |
| 64  | 47.3  | 25.7  | 65.7  |





#9  
Benzaldehyde  
Concen: 58.666 ng  
RT: 6.992 min Scan# 664  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

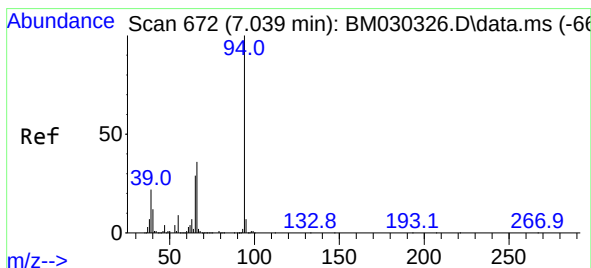
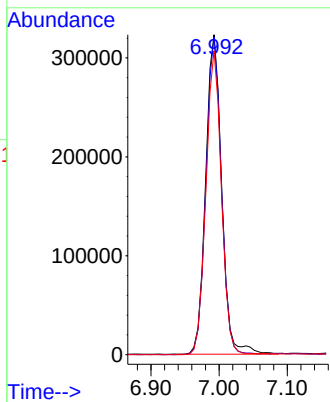
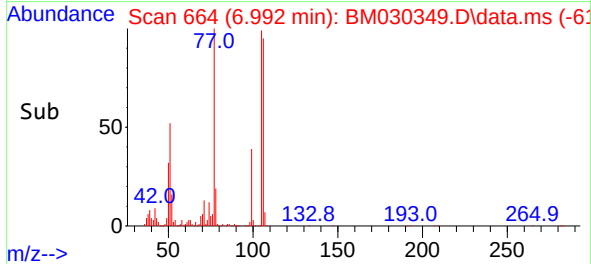
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



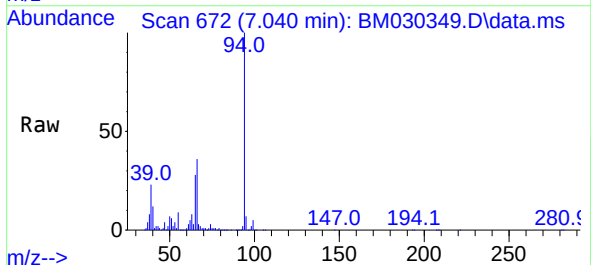
Tgt Ion: 77 Resp: 528776  
Ion Ratio Lower Upper  
77 100  
105 99.3 71.2 111.2  
106 94.9 68.6 108.6

Manual Integrations  
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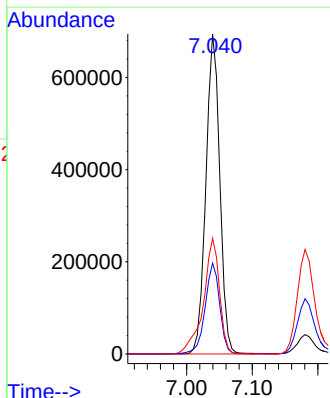
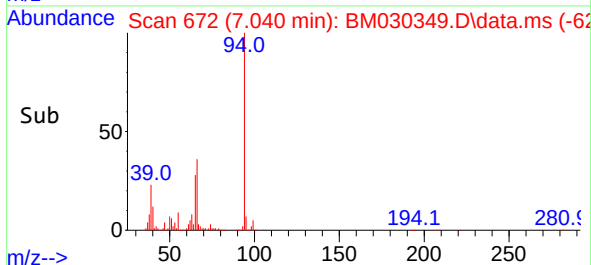
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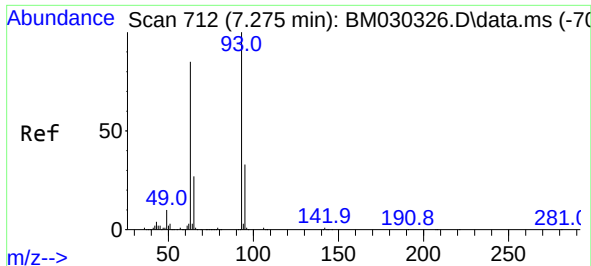
#10  
Phenol  
Concen: 47.087 ng  
RT: 7.040 min Scan# 672  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion: 94 Resp: 1026503  
Ion Ratio Lower Upper  
94 100  
65 28.4 11.9 51.9  
66 36.1 22.6 62.6

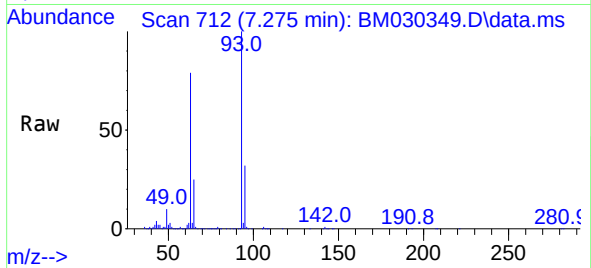






#11  
bis(2-Chloroethyl)ether  
Concen: 44.662 ng  
RT: 7.275 min Scan# 712  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

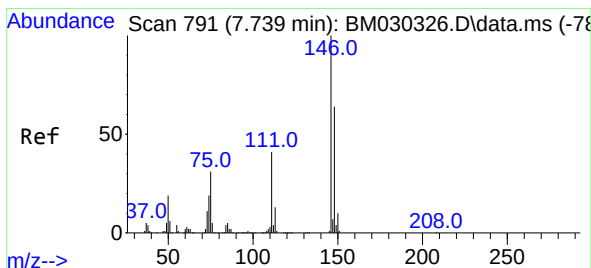
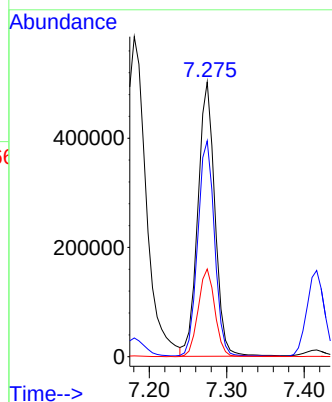
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



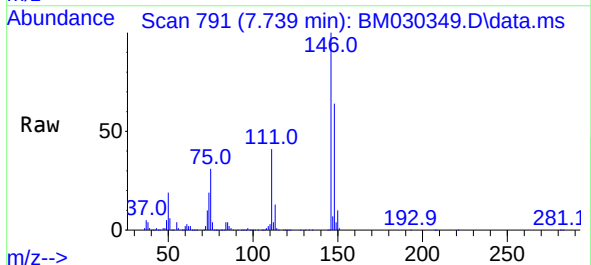
Tgt Ion: 93 Resp: 767144  
Ion Ratio Lower Upper  
93 100  
63 78.6 54.3 94.3  
95 31.9 12.7 52.7

Manual Integrations  
APPROVED

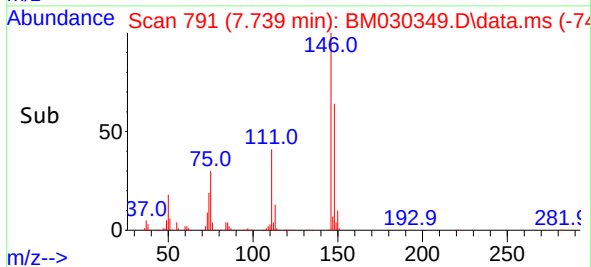
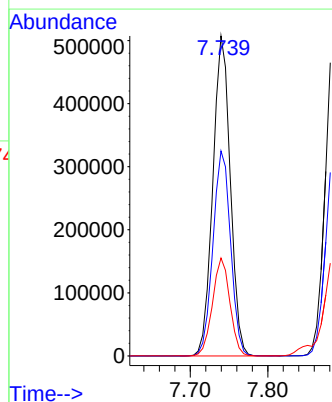
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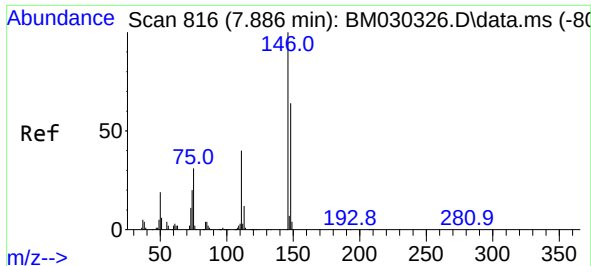


#12  
1,3-Dichlorobenzene  
Concen: 41.322 ng  
RT: 7.739 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion: 146 Resp: 796530  
Ion Ratio Lower Upper  
146 100  
148 64.0 52.2 78.4  
75 30.6 25.8 38.8





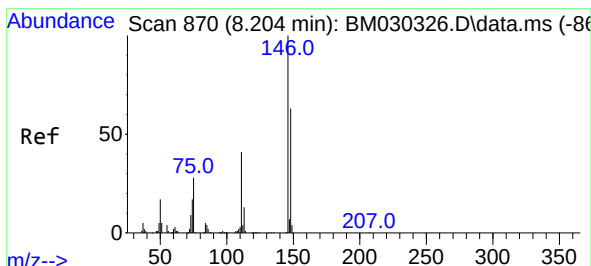
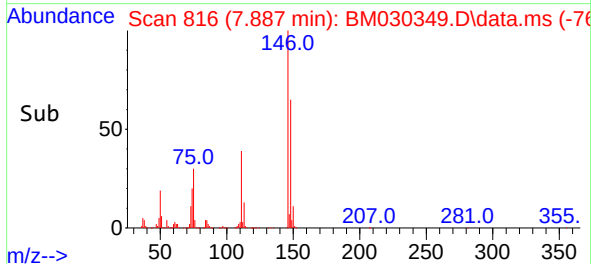
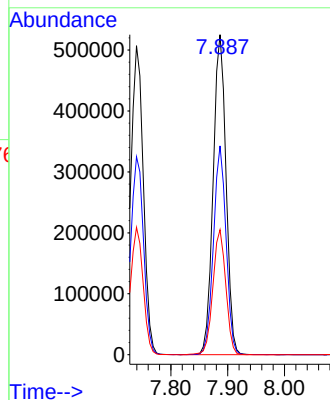
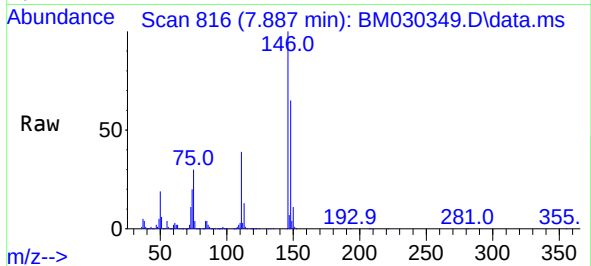
#13  
1,4-Dichlorobenzene  
Concen: 41.877 ng  
RT: 7.887 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:146 Resp: 822626  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.8 77.8  
111 39.1 31.0 46.6

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

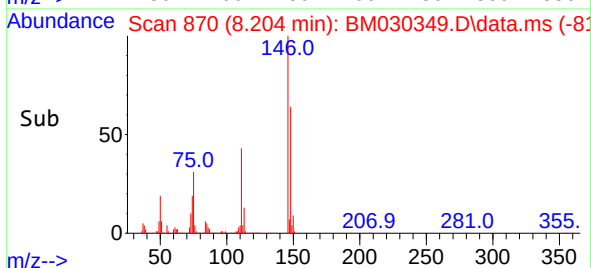
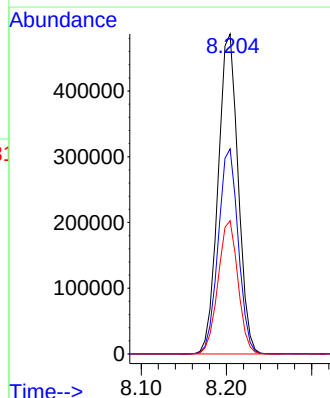
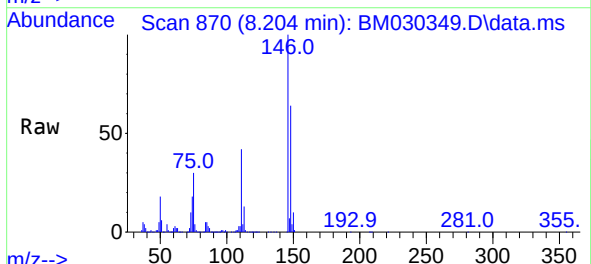
Manual Integrations  
APPROVED

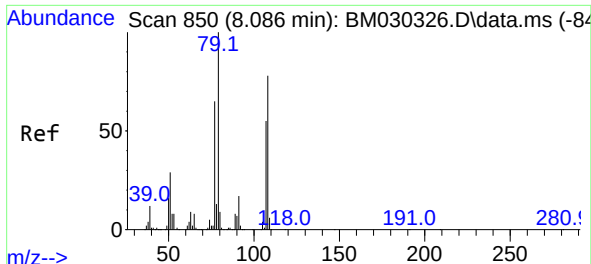
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#14  
1,2-Dichlorobenzene  
Concen: 41.544 ng  
RT: 8.204 min Scan# 870  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

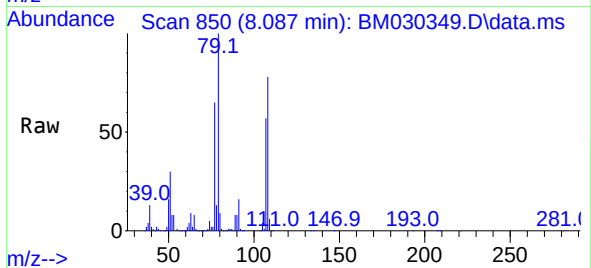
Tgt Ion:146 Resp: 793865  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.7 77.5  
111 41.6 32.6 49.0





#15  
Benzyl Alcohol  
Concen: 41.183 ng  
RT: 8.087 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

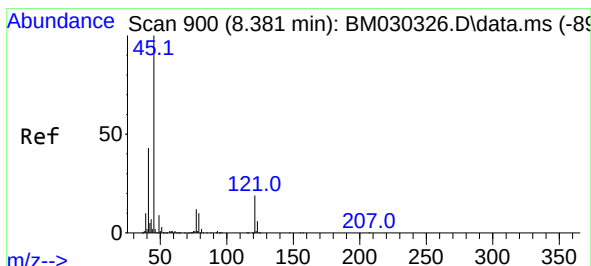
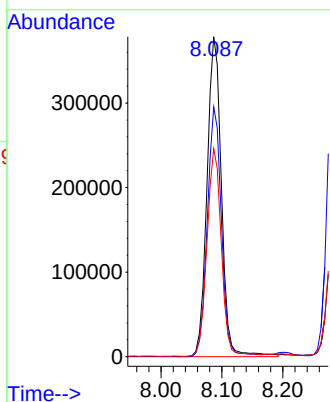
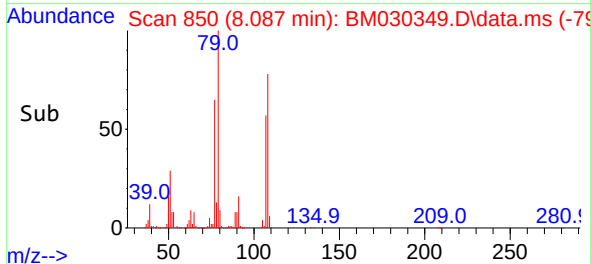
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



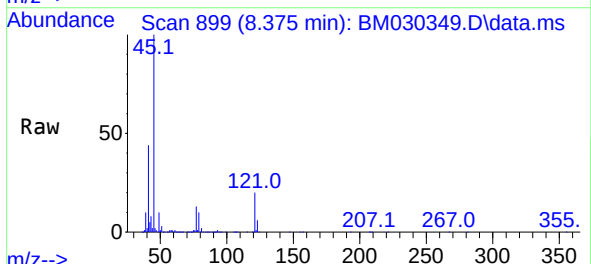
Tgt Ion: 79 Resp: 623684  
Ion Ratio Lower Upper  
79 100  
108 78.1 57.0 85.4  
77 65.0 54.6 81.8

Manual Integrations  
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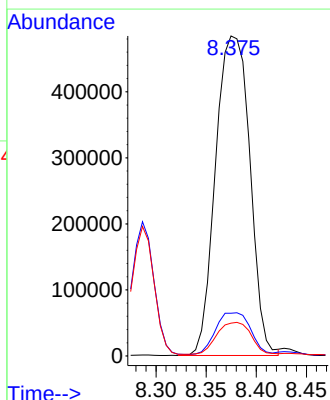
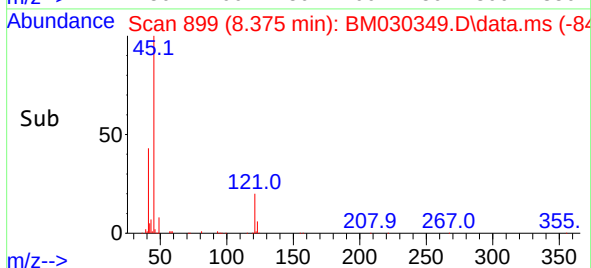
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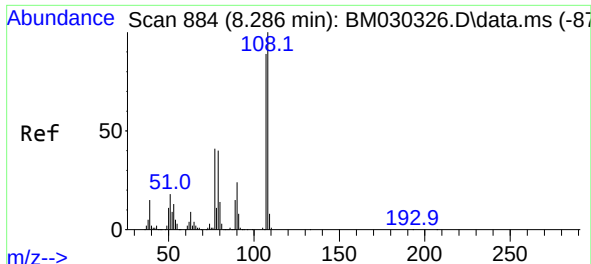


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.673 ng  
RT: 8.375 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion: 45 Resp: 1151796  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 38.0  
79 10.3 0.0 34.1





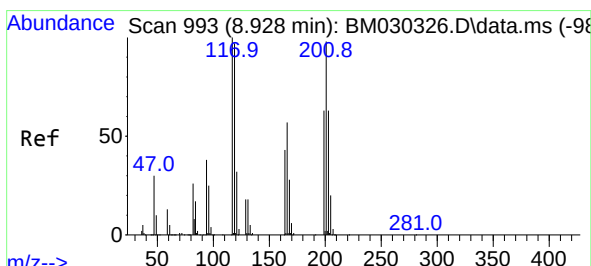
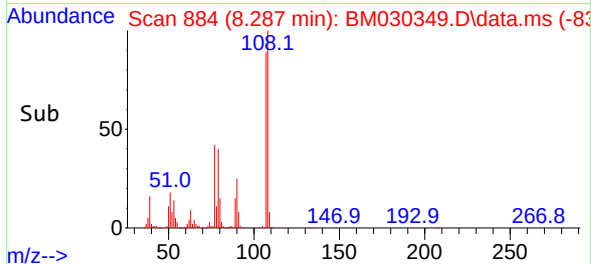
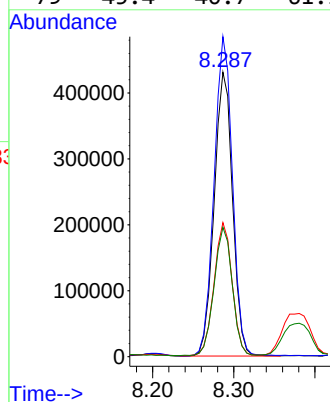
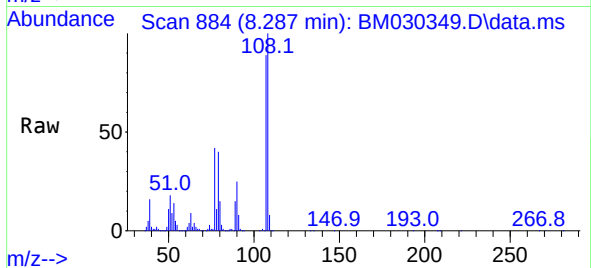
#17  
2-Methylphenol  
Concen: 47.947 ng  
RT: 8.287 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 677354 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.5 | 85.0  | 127.6  |
| 77       | 47.1  | 41.3  | 61.9   |
| 79       | 45.4  | 40.7  | 61.1   |

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

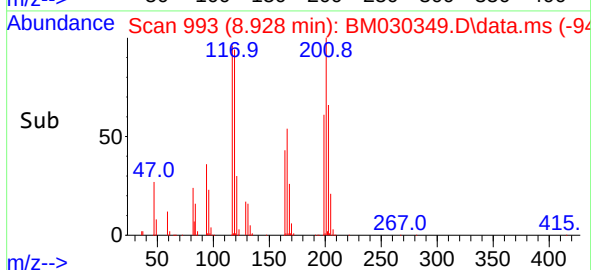
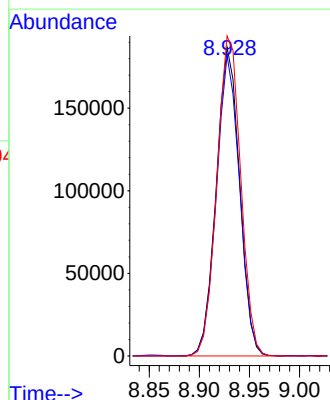
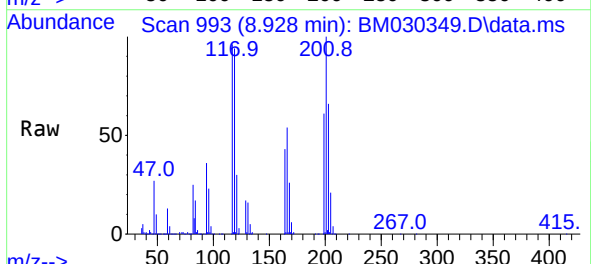
Manual Integrations  
APPROVED

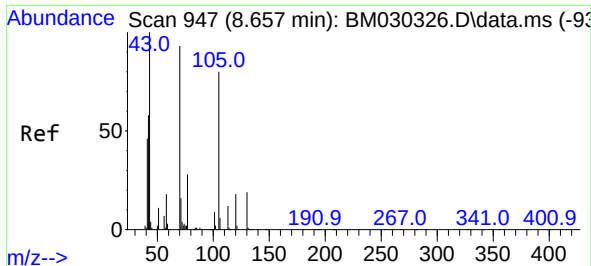
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#18  
Hexachloroethane  
Concen: 42.885 ng  
RT: 8.928 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

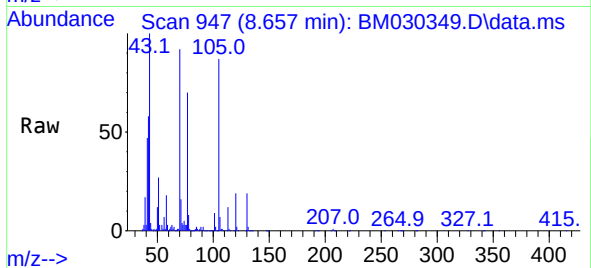
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 302777 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.4  | 76.2  | 114.2  |
| 201      | 103.7 | 89.8  | 134.6  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.645 ng  
RT: 8.657 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

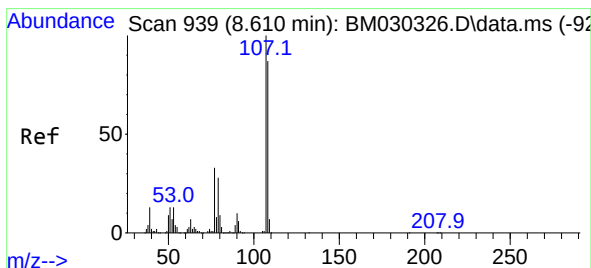
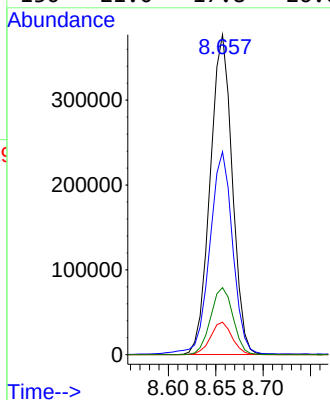
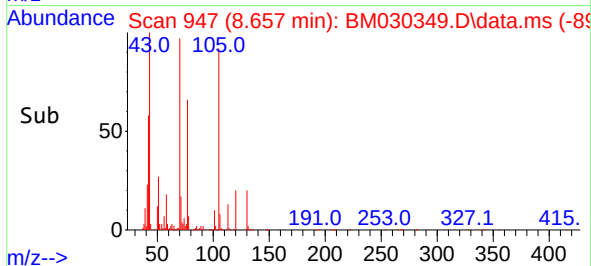
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



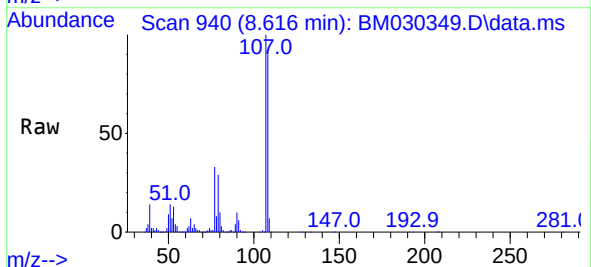
Tgt Ion: 70 Resp: 611005  
Ion Ratio Lower Upper  
70 100  
42 63.4 51.4 77.0  
101 10.2 8.1 12.1  
130 21.0 17.8 26.6

Manual Integrations  
APPROVED

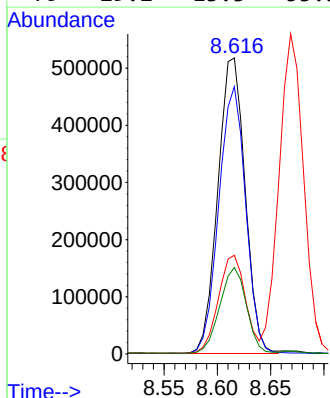
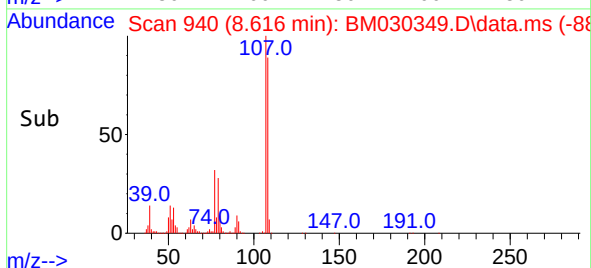
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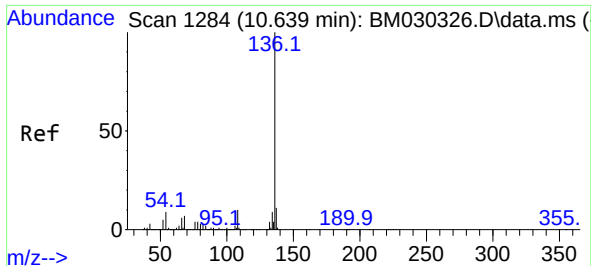


#20  
3+4-Methylphenols  
Concen: 47.856 ng  
RT: 8.616 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

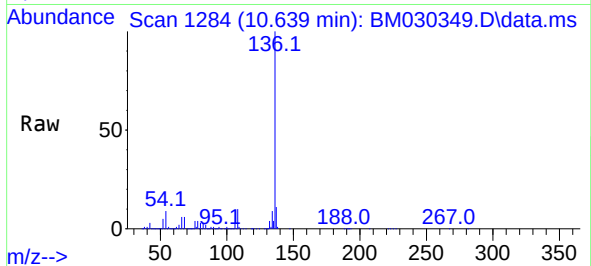


Tgt Ion: 107 Resp: 919828  
Ion Ratio Lower Upper  
107 100  
108 90.3 69.9 109.9  
77 33.3 17.3 57.3  
79 29.2 13.3 53.3

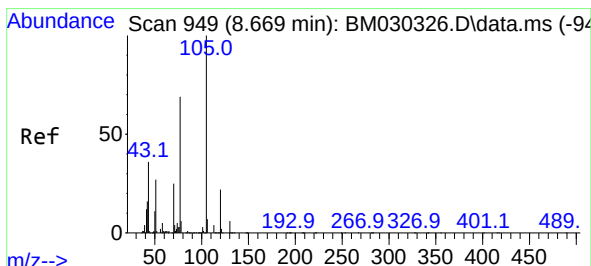
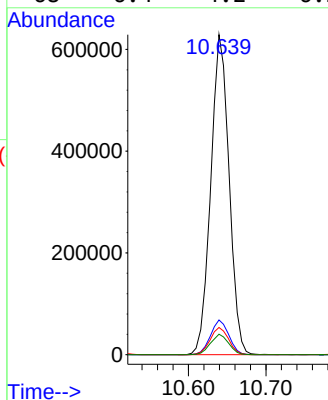
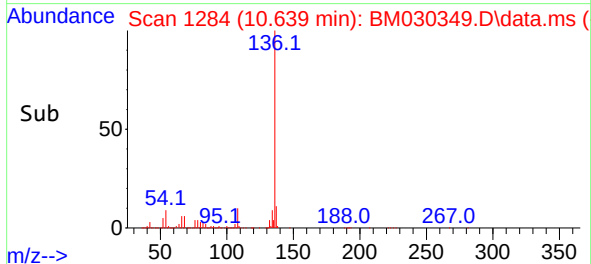




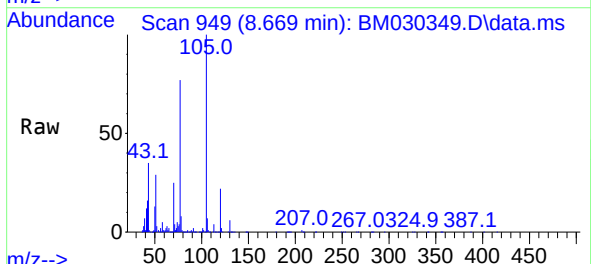
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.639 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



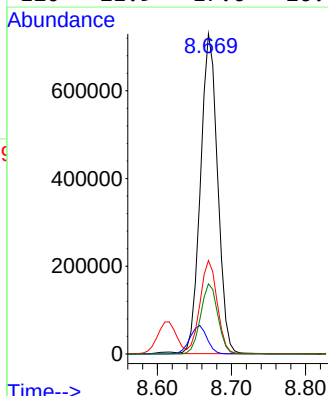
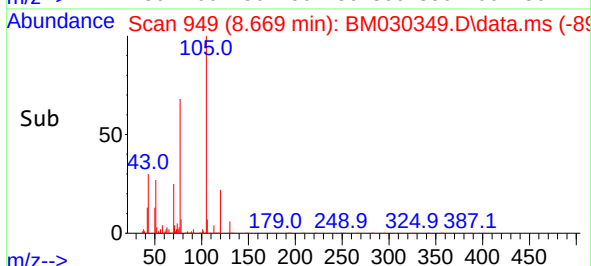
Tgt Ion:136 Resp: 1031751  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.4 12.6  
54 8.5 5.5 8.3#  
68 6.4 4.2 6.2#



#22  
Acetophenone  
Concen: 42.554 ng  
RT: 8.669 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



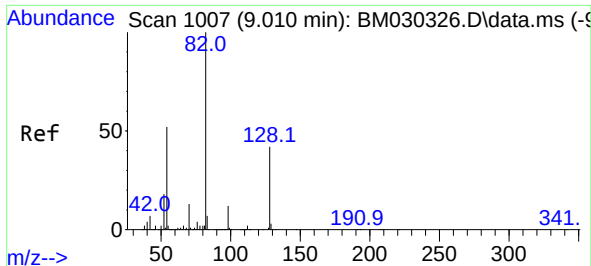
Tgt Ion:105 Resp: 1173065  
Ion Ratio Lower Upper  
105 100  
71 4.0 3.4 5.0  
51 29.2 22.2 33.4  
120 21.9 17.6 26.4



Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

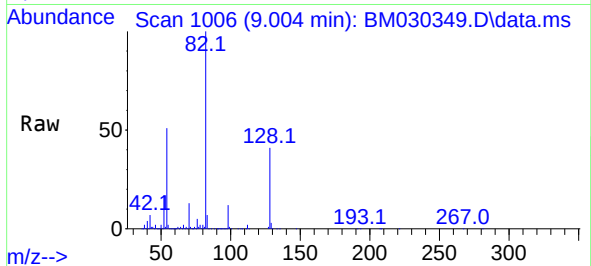
Manual Integrations  
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#23  
Nitrobenzene-d5  
Concen: 34.663 ng  
RT: 9.004 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

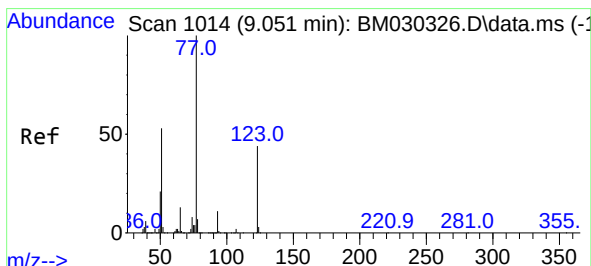
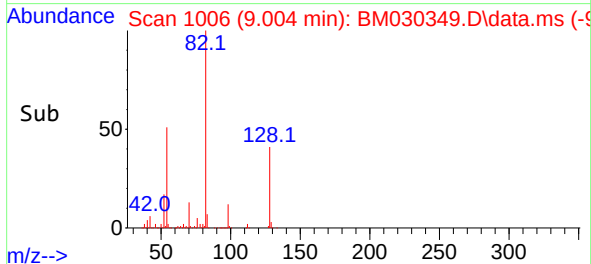
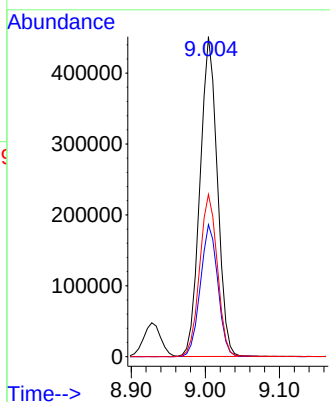
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



Tgt Ion: 82 Resp: 734093  
Ion Ratio Lower Upper  
82 100  
128 41.2 31.1 46.7  
54 50.7 37.3 55.9

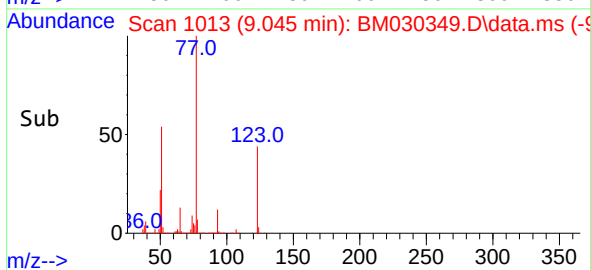
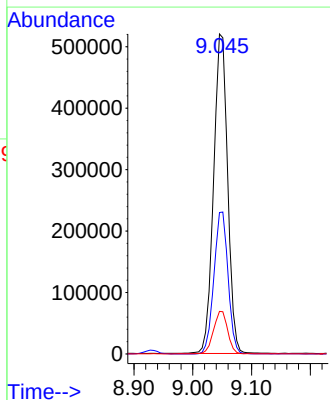
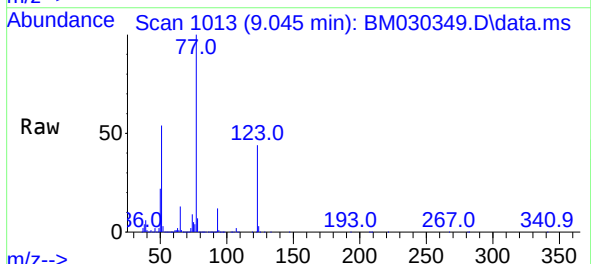
Manual Integrations  
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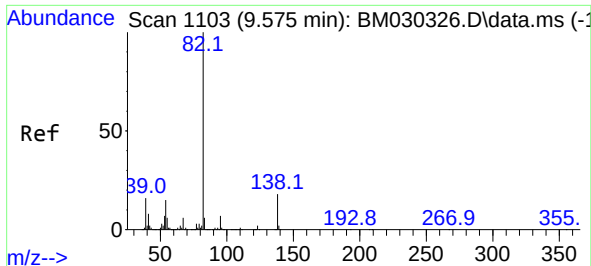
mohammad  
6/11/2021 1:28:02 PM



#24  
Nitrobenzene  
Concen: 39.138 ng  
RT: 9.045 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

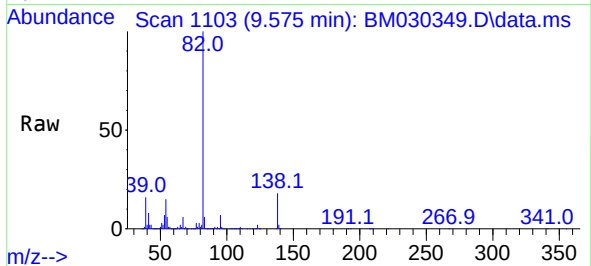
Tgt Ion: 77 Resp: 864642  
Ion Ratio Lower Upper  
77 100  
123 44.2 34.0 51.0  
65 13.3 11.0 16.4





#25  
Isophorone  
Concen: 39.393 ng  
RT: 9.575 min Scan# 1103  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

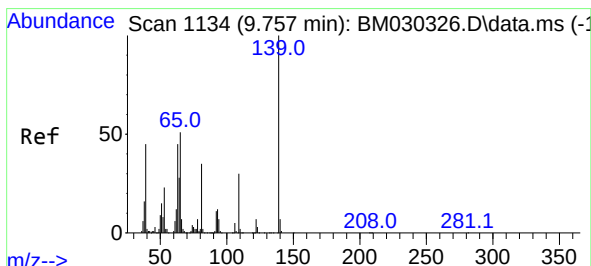
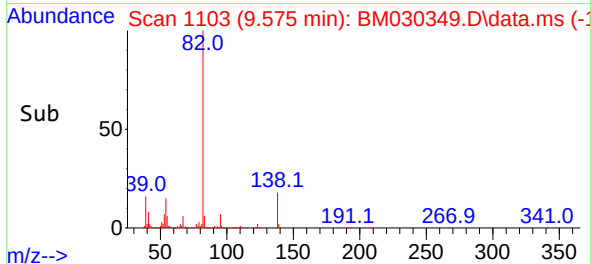
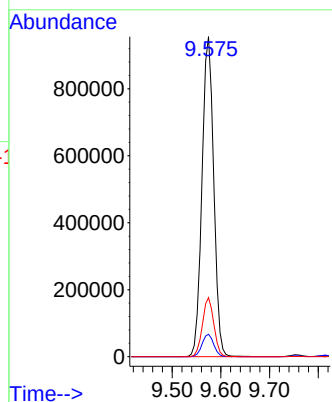
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



Tgt Ion: 82 Resp: 1598965  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.3 9.5  
138 18.5 14.5 21.7

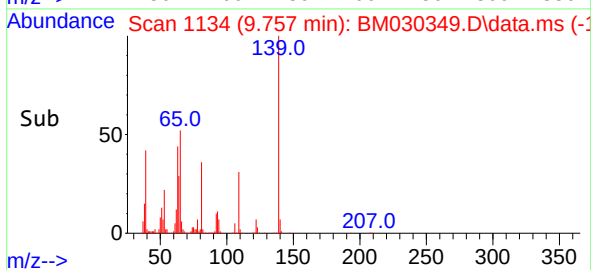
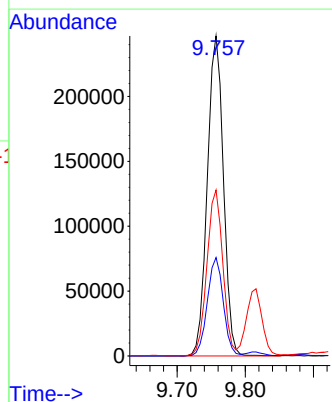
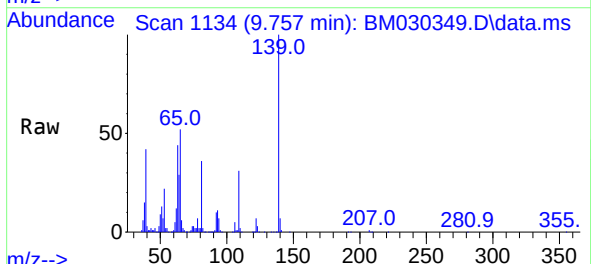
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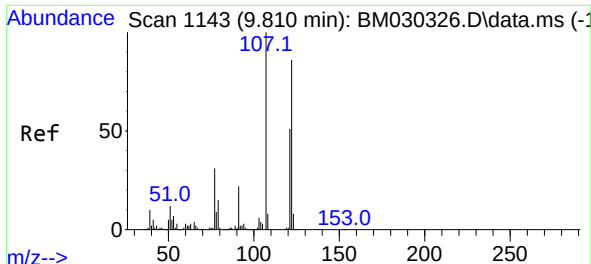


#26  
2-Nitrophenol  
Concen: 42.362 ng  
RT: 9.757 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion: 139 Resp: 405833  
Ion Ratio Lower Upper  
139 100  
109 30.7 26.7 40.1  
65 51.9 41.9 62.9







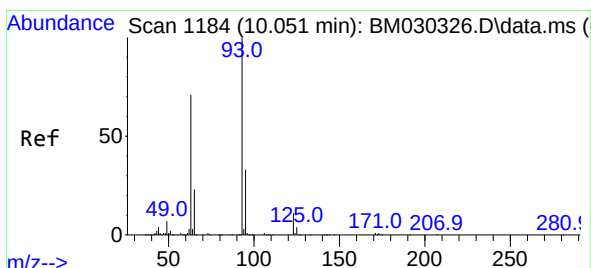
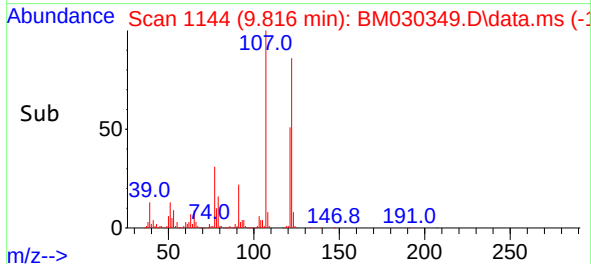
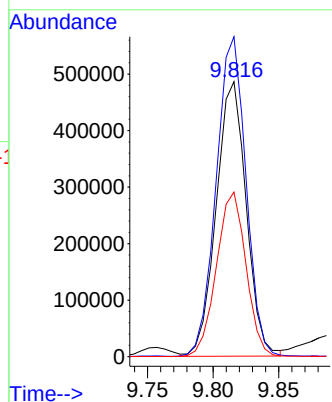
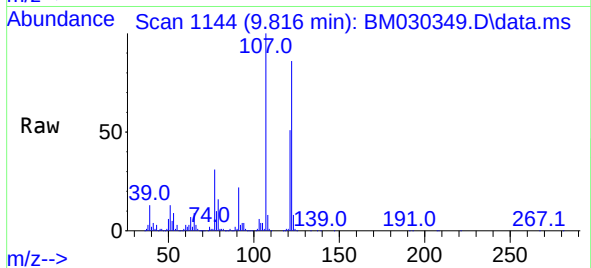
#27  
2,4-Dimethylphenol  
Concen: 49.251 ng  
RT: 9.816 min Scan# 1144  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:122 Resp: 773807  
Ion Ratio Lower Upper  
122 100  
107 116.3 95.0 142.6  
121 59.8 48.1 72.1

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

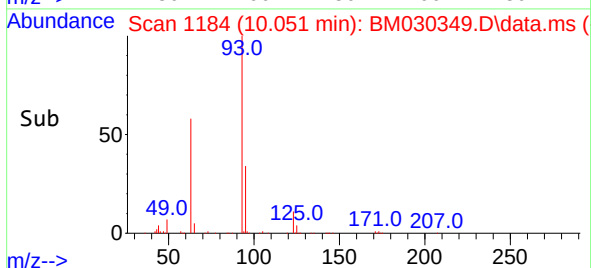
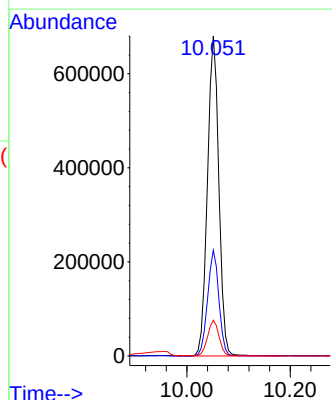
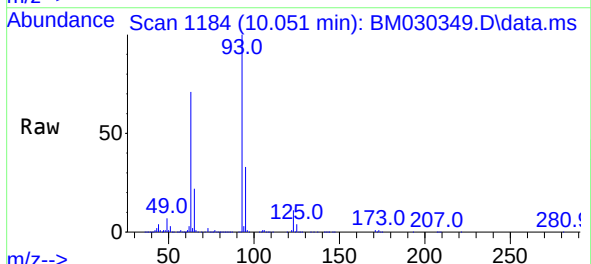
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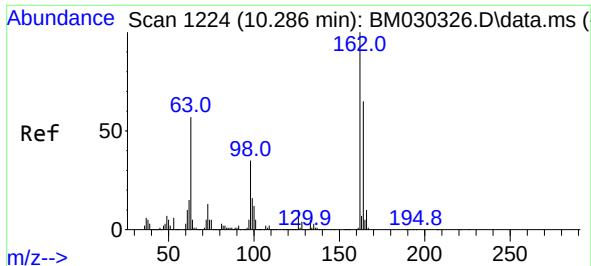
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#28  
bis(2-Chloroethoxy)methane  
Concen: 45.002 ng  
RT: 10.051 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion: 93 Resp: 1038575  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.2 39.2  
123 11.2 9.3 13.9





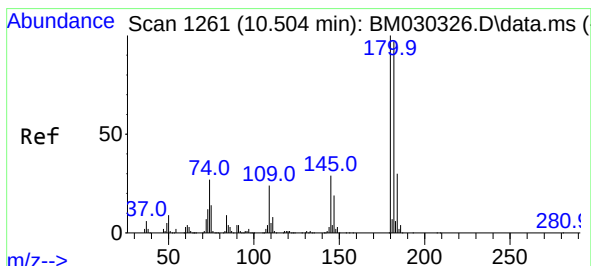
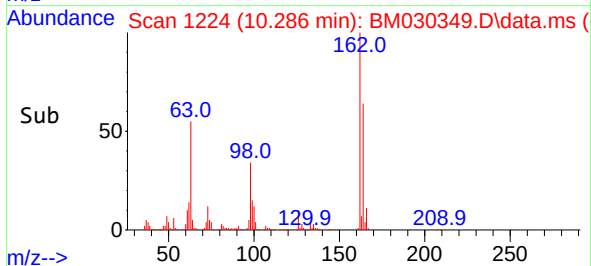
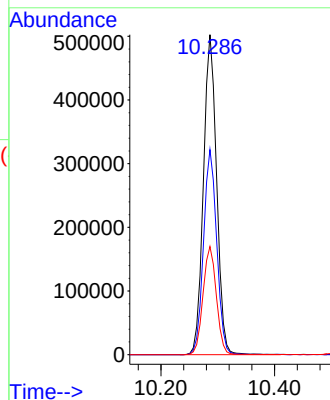
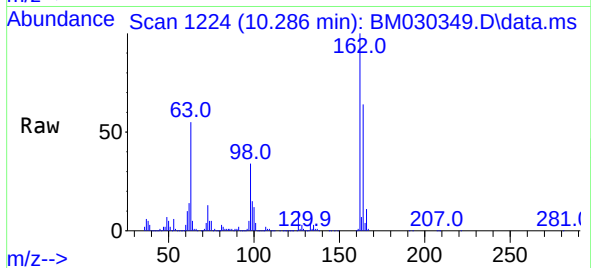
#29  
2,4-Dichlorophenol  
Concen: 45.952 ng  
RT: 10.286 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:162 Resp: 809350  
Ion Ratio Lower Upper  
162 100  
164 64.1 46.5 86.5  
98 33.8 12.1 52.1

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

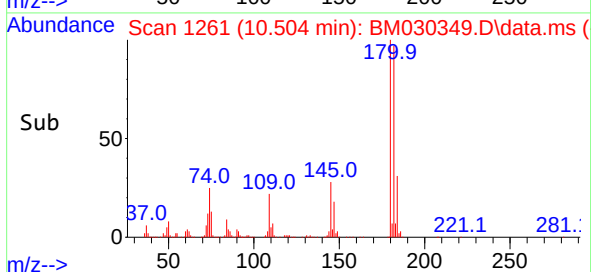
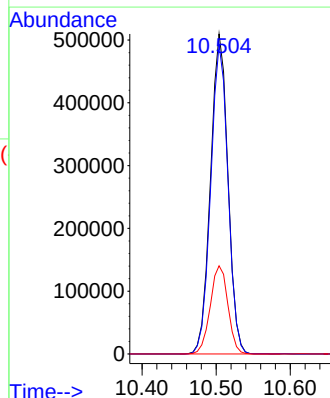
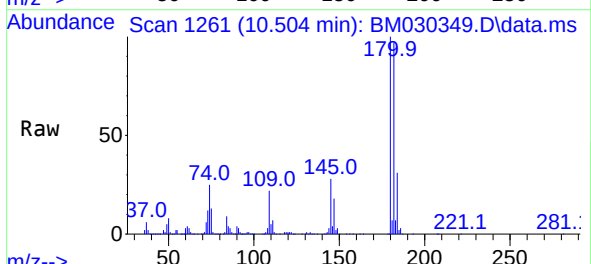
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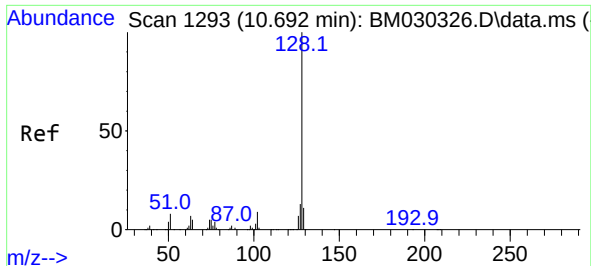
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#30  
1,2,4-Trichlorobenzene  
Concen: 41.343 ng  
RT: 10.504 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:180 Resp: 831183  
Ion Ratio Lower Upper  
180 100  
182 96.7 76.3 114.5  
145 27.6 22.3 33.5





#31  
Naphthalene  
Concen: 39.949 ng  
RT: 10.692 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

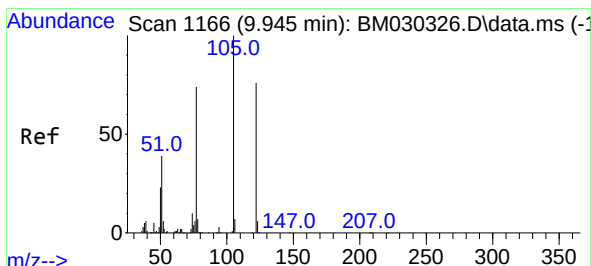
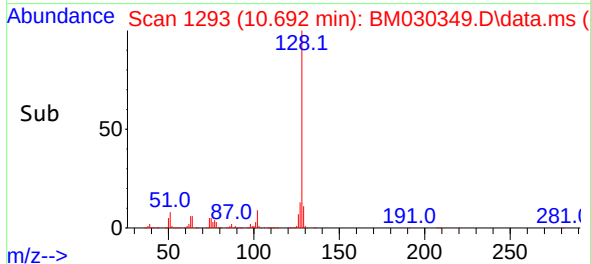
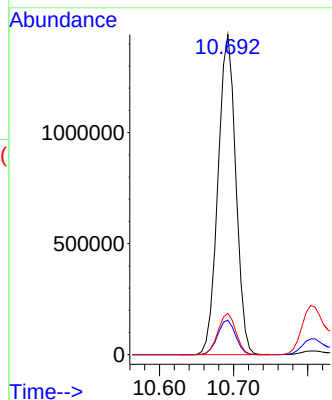
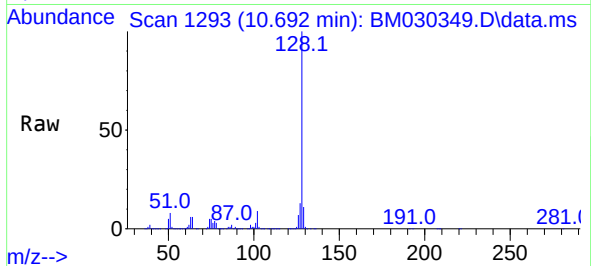
Tgt Ion:128 Resp: 2401029  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.8  | 9.0   | 13.6  |
| 127 | 12.9  | 10.8  | 16.2  |

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

Manual Integrations  
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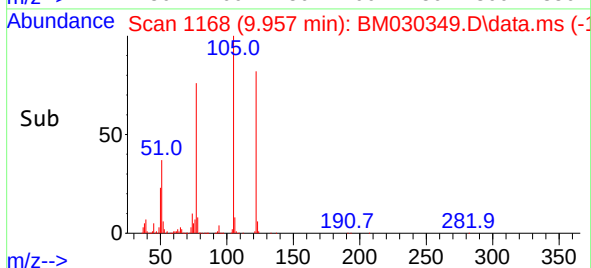
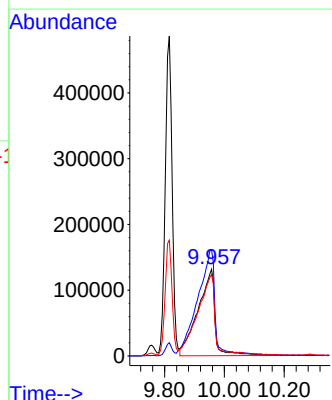
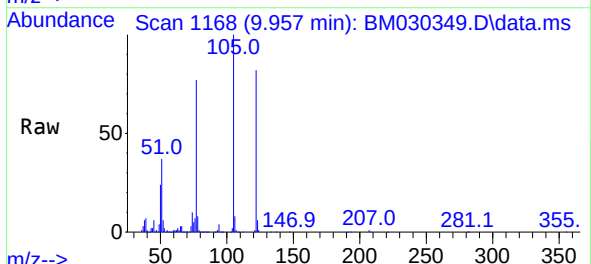
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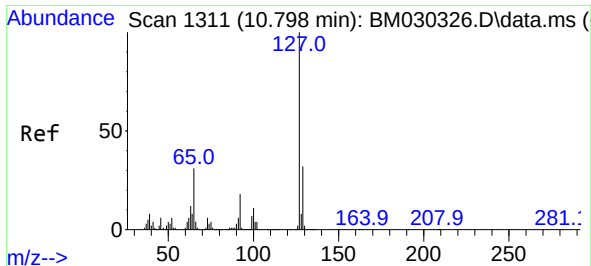


#32  
Benzoic acid  
Concen: 43.712 ng  
RT: 9.957 min Scan# 1168  
Delta R.T. 0.012 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:122 Resp: 527185  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 122.3 | 107.3 | 147.3 |
| 77  | 94.1  | 88.0  | 128.0 |





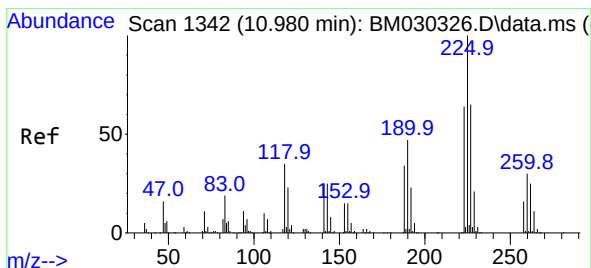
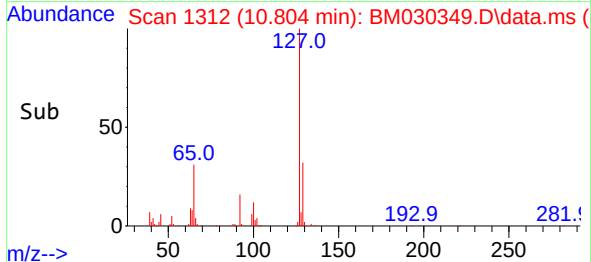
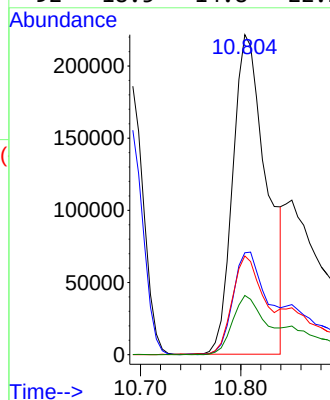
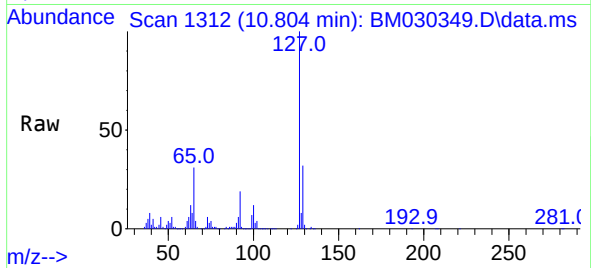
#33  
4-Chloroaniline  
Concen: 21.331 ng  
RT: 10.804 min Scan# 1312  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 521748 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.9  | 26.8  | 40.2   |
| 65        | 30.8  | 25.2  | 37.8   |
| 92        | 18.5  | 14.8  | 22.2   |

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

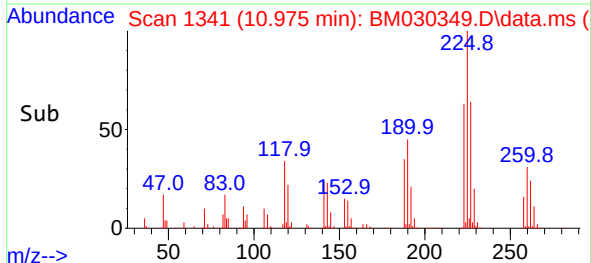
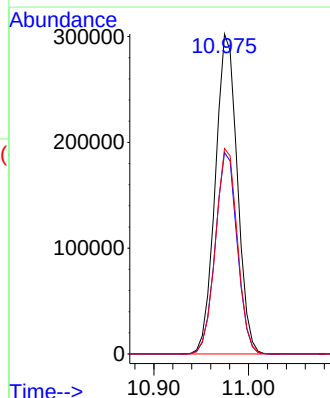
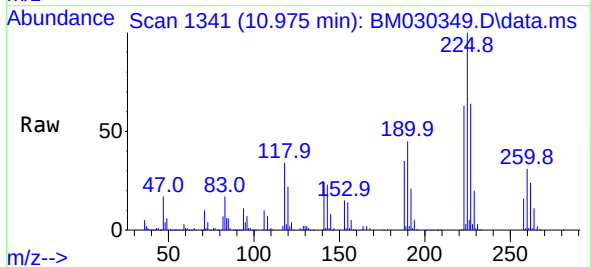
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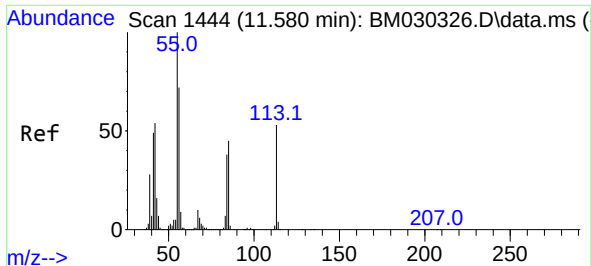
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#34  
Hexachlorobutadiene  
Concen: 40.615 ng  
RT: 10.975 min Scan# 1341  
Delta R.T. -0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 487430 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.9  | 52.1  | 78.1   |
| 227       | 64.2  | 53.8  | 80.6   |





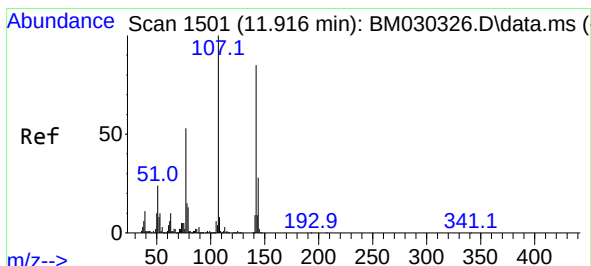
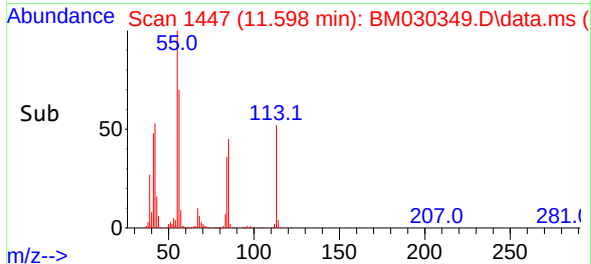
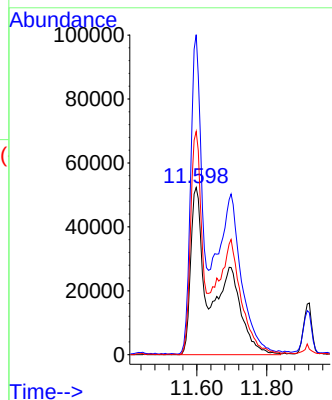
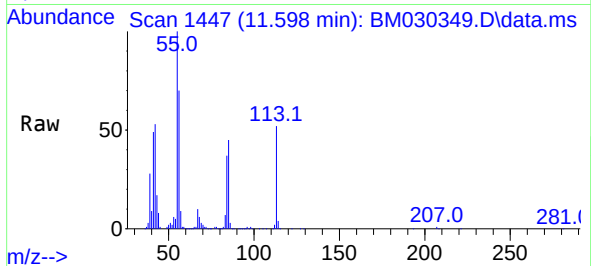
#35  
Caprolactam  
Concen: 42.771 ng m  
RT: 11.598 min Scan# 1447  
Delta R.T. 0.018 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:113 Resp: 255004  
Ion Ratio Lower Upper  
113 100  
55 191.3 132.0 172.0#  
56 133.5 96.3 136.3

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

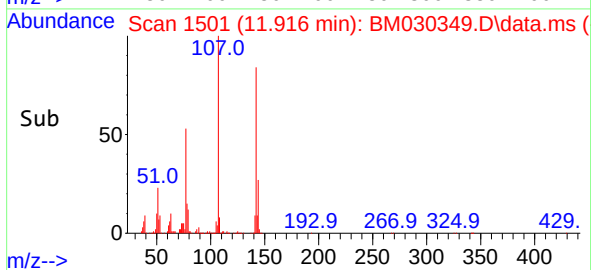
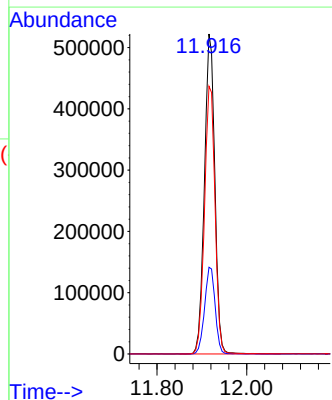
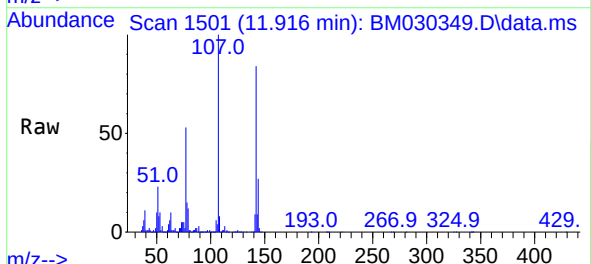
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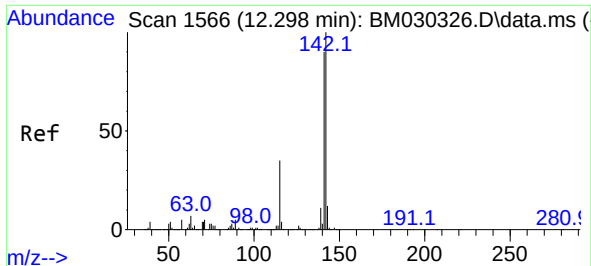
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#36  
4-Chloro-3-methylphenol  
Concen: 45.401 ng  
RT: 11.916 min Scan# 1501  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

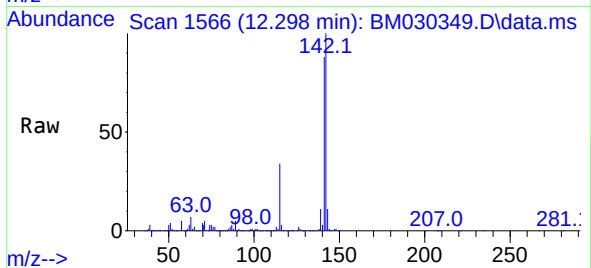
Tgt Ion:107 Resp: 837629  
Ion Ratio Lower Upper  
107 100  
144 27.1 22.3 33.5  
142 83.7 69.3 103.9





#37  
2-Methylnaphthalene  
Concen: 41.532 ng  
RT: 12.298 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

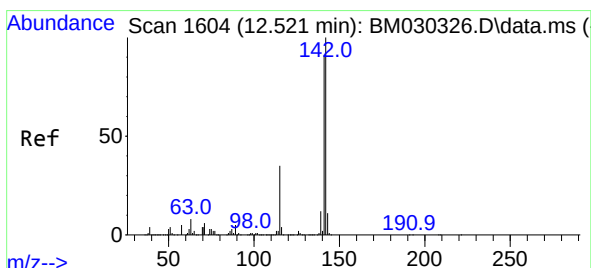
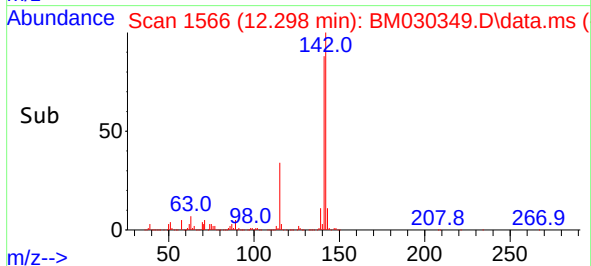
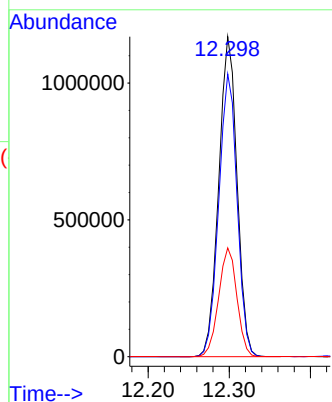


Tgt Ion:142 Resp: 1831471  

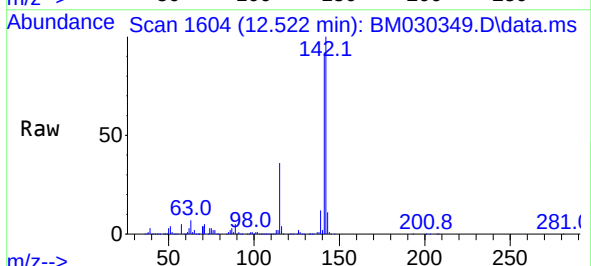
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 88.4  | 71.7  | 107.5 |
| 115 | 34.0  | 29.1  | 43.7  |

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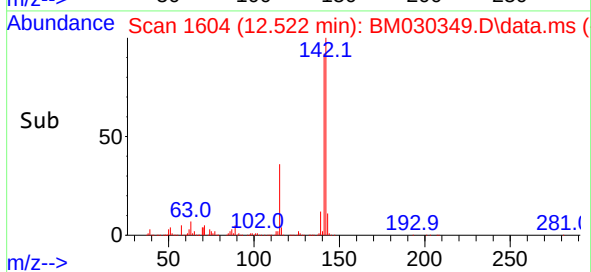
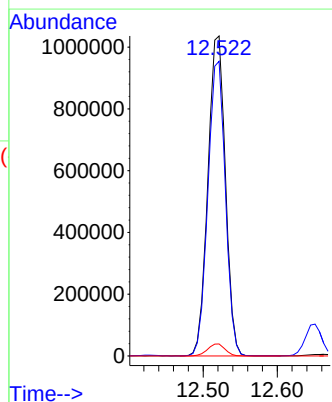


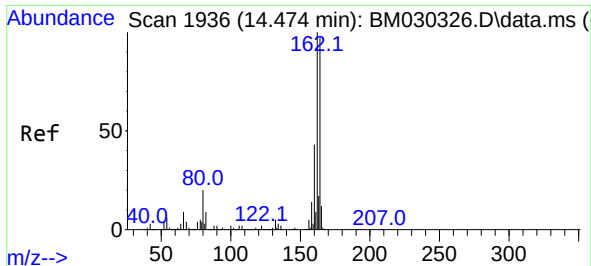
#38  
1-Methylnaphthalene  
Concen: 40.459 ng  
RT: 12.522 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion:142 Resp: 1699319  

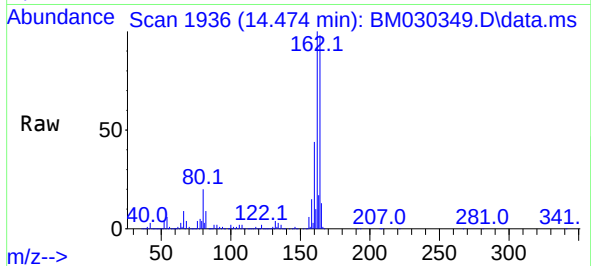
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 92.1  | 74.2  | 111.4 |
| 116 | 3.7   | 3.0   | 4.6   |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.474 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

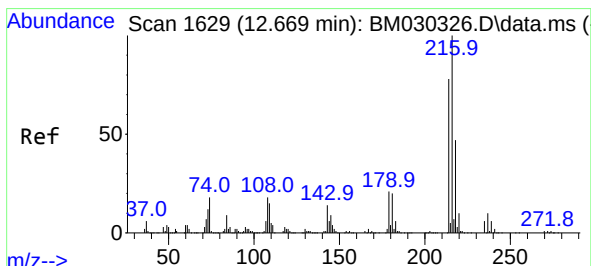
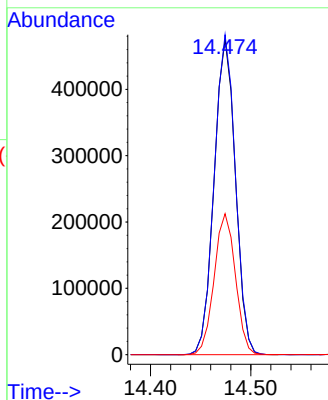
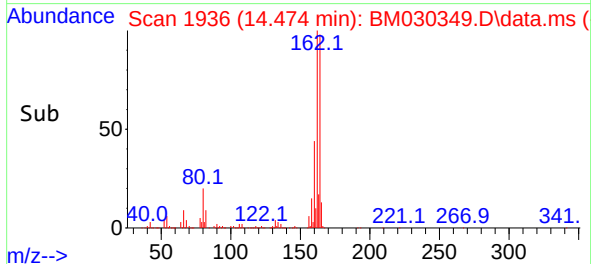
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



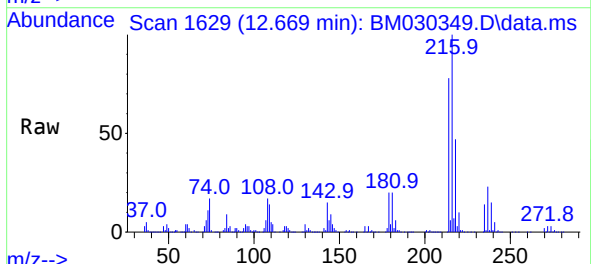
Tgt Ion:164 Resp: 701109  
Ion Ratio Lower Upper  
164 100  
162 101.6 83.4 125.0  
160 44.8 37.2 55.8

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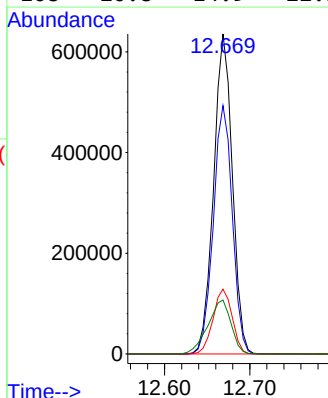
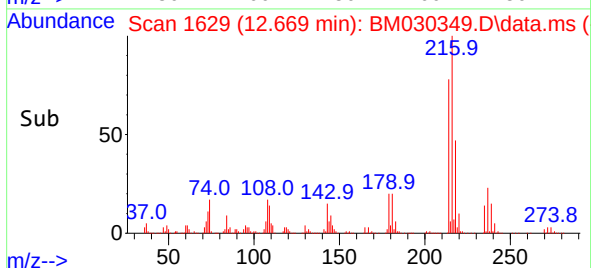
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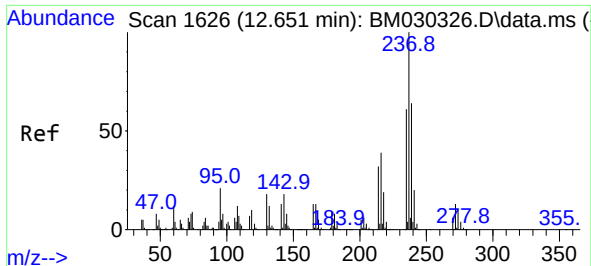


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.882 ng  
RT: 12.669 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion:216 Resp: 969086  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.0 94.4  
179 20.7 17.6 26.4  
108 20.8 14.9 22.3





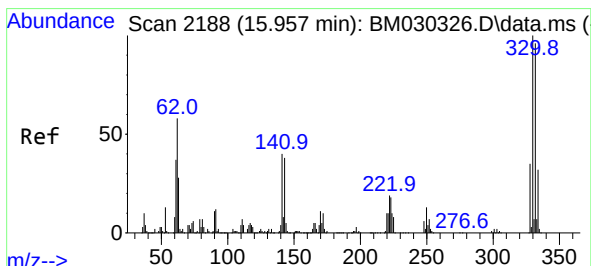
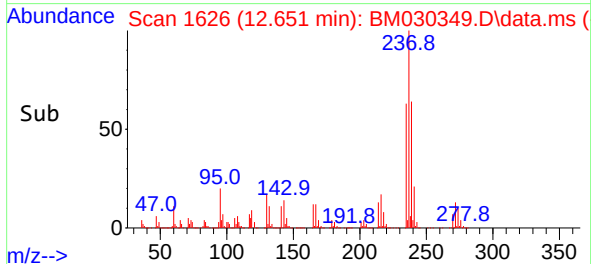
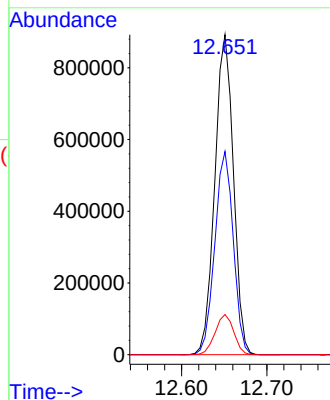
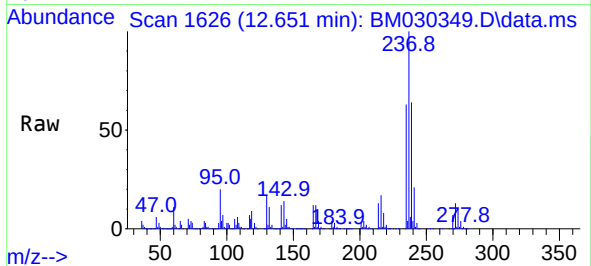
#41  
Hexachlorocyclopentadiene  
Concen: 109.107 ng  
RT: 12.651 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:237 Resp: 1351935  
Ion Ratio Lower Upper  
237 100  
235 63.5 42.4 82.4  
272 12.6 0.0 31.7

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

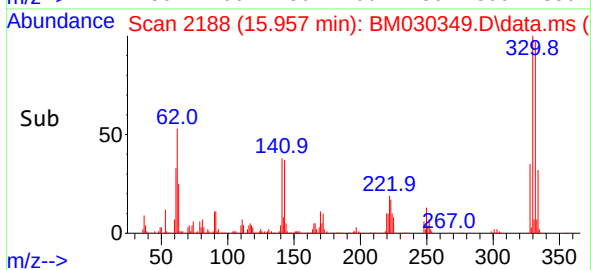
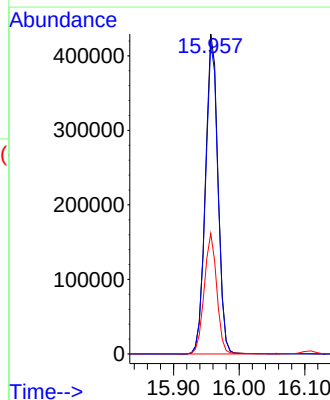
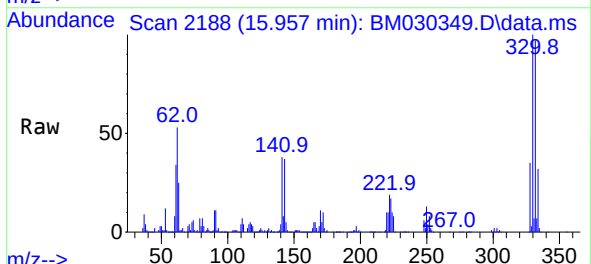
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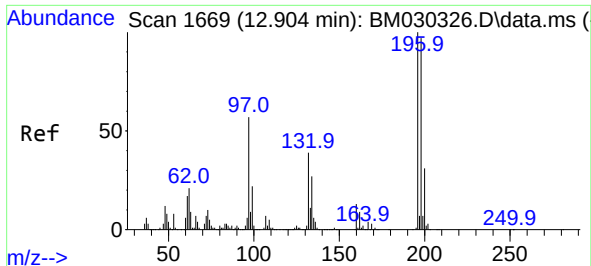


#42  
2,4,6-Tribromophenol  
Concen: 65.029 ng  
RT: 15.957 min Scan# 2188  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

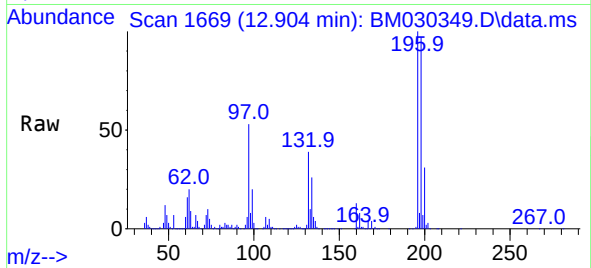
Tgt Ion:330 Resp: 573220  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.0 115.4  
141 37.3 30.2 45.2



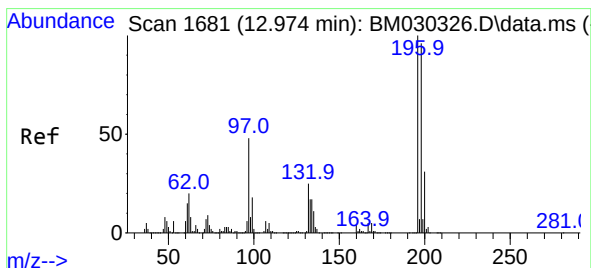
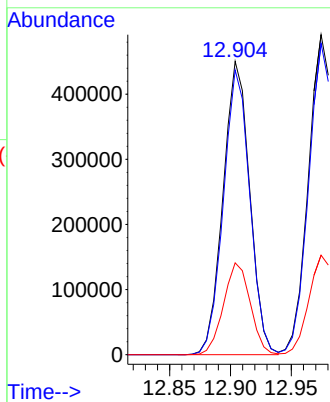
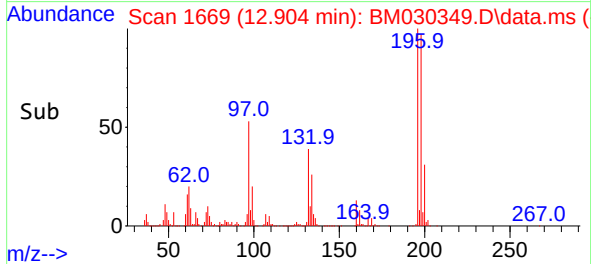




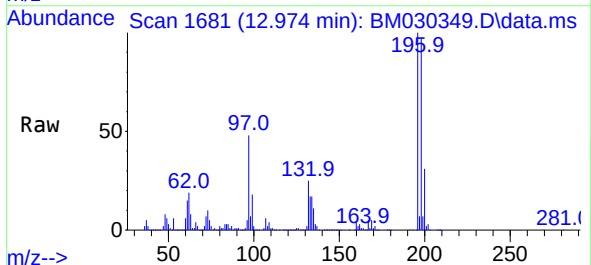
#43  
2,4,6-Trichlorophenol  
Concen: 44.916 ng  
RT: 12.904 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



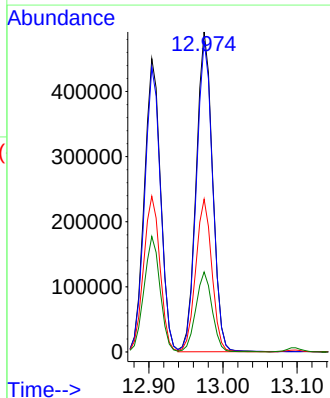
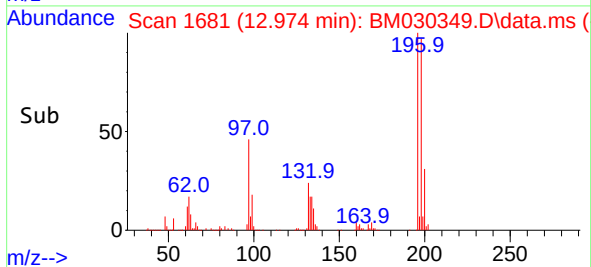
Tgt Ion:196 Resp: 686215  
Ion Ratio Lower Upper  
196 100  
198 97.1 77.6 116.4  
200 31.3 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 44.916 ng  
RT: 12.974 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



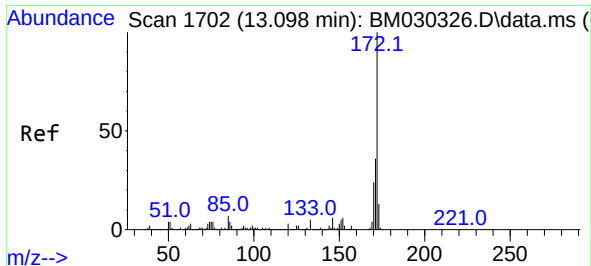
Tgt Ion:196 Resp: 752698  
Ion Ratio Lower Upper  
196 100  
198 97.3 77.0 115.4  
97 47.7 36.6 55.0  
132 25.0 18.2 27.2



Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

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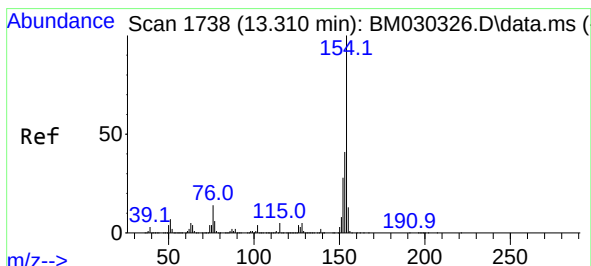
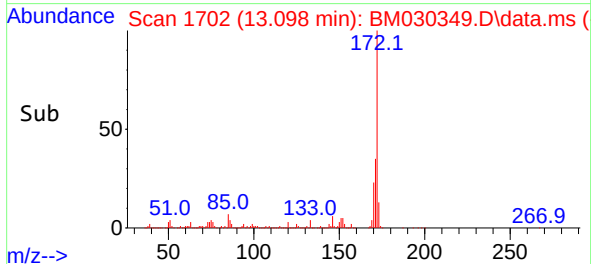
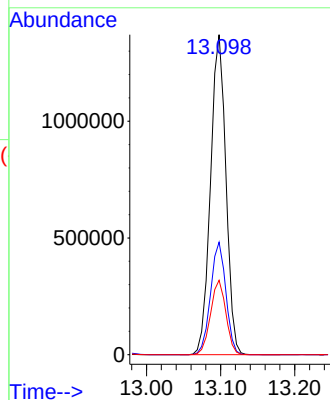
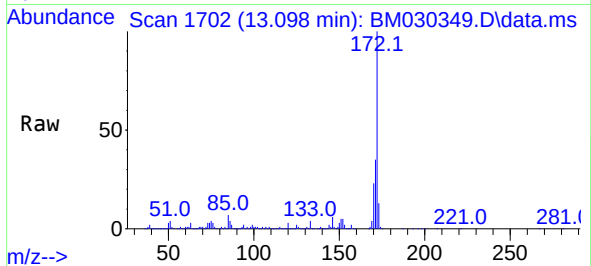
#45  
2-Fluorobiphenyl  
Concen: 37.001 ng  
RT: 13.098 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:172 Resp: 1972643  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 43.0  
170 23.2 18.4 27.6

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

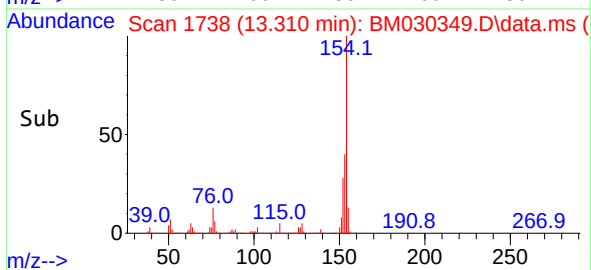
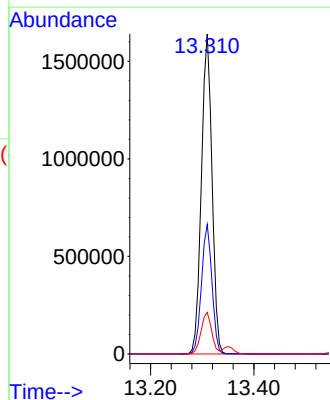
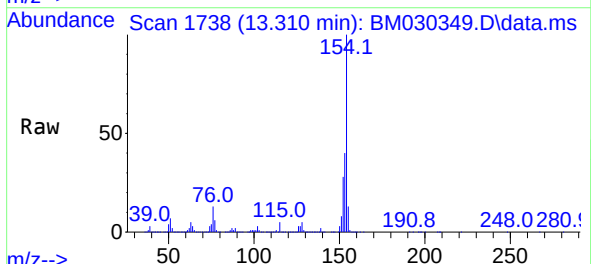
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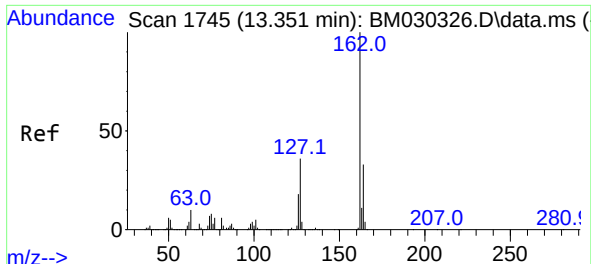
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#46  
1,1'-Biphenyl  
Concen: 41.130 ng  
RT: 13.310 min Scan# 1738  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

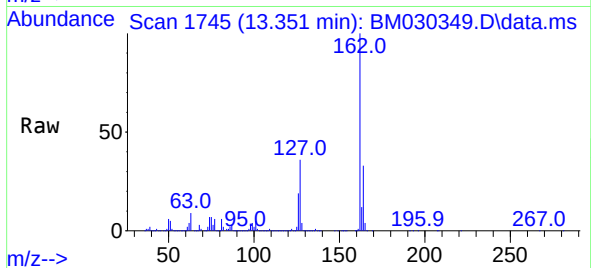
Tgt Ion:154 Resp: 2335267  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.7 60.7  
76 13.0 0.0 31.0



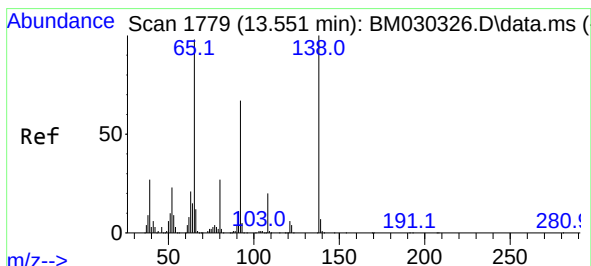
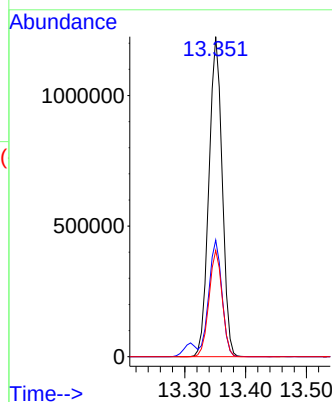
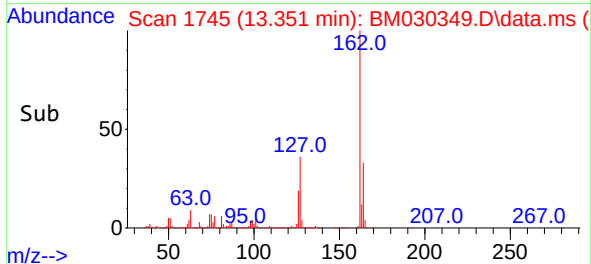


#47  
2-Chloronaphthalene  
Concen: 40.470 ng  
RT: 13.351 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

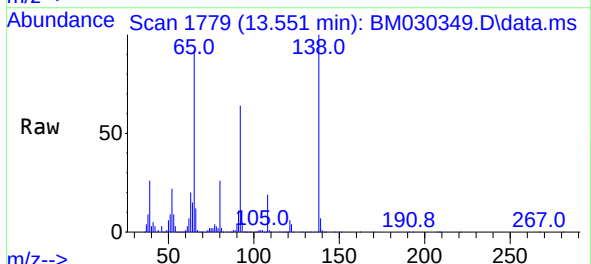
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



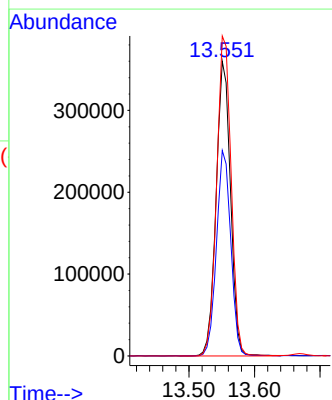
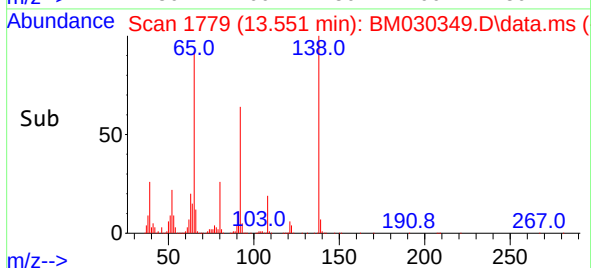
Tgt Ion:162 Resp: 1857265  
Ion Ratio Lower Upper  
162 100  
127 36.5 27.1 40.7  
164 33.2 26.1 39.1

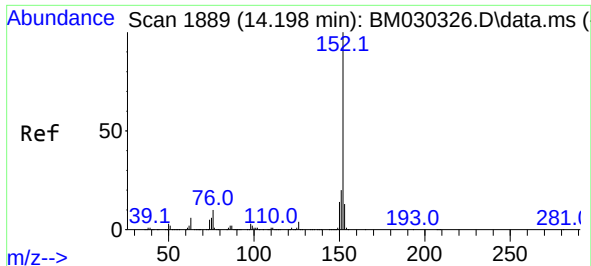


#48  
2-Nitroaniline  
Concen: 39.917 ng  
RT: 13.551 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



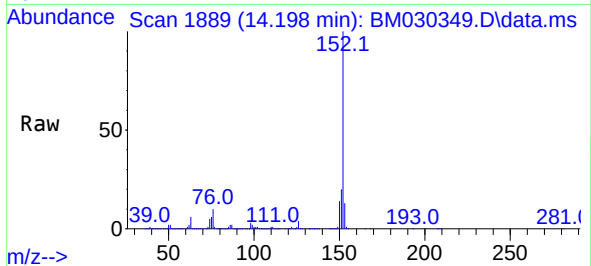
Tgt Ion: 65 Resp: 547870  
Ion Ratio Lower Upper  
65 100  
92 69.7 55.5 83.3  
138 108.7 85.7 128.5





#49  
Acenaphthylene  
Concen: 41.843 ng  
RT: 14.198 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

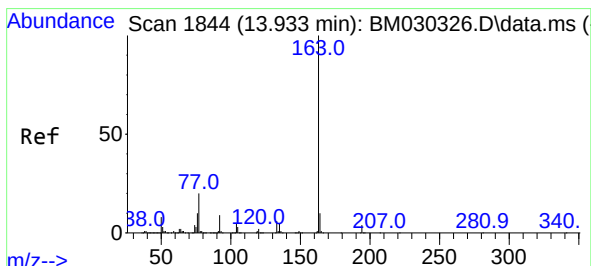
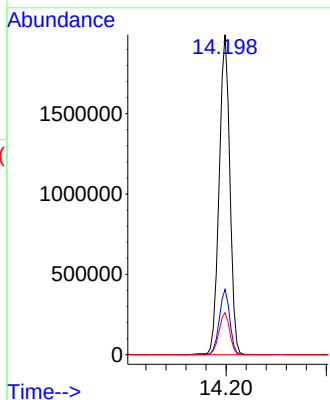
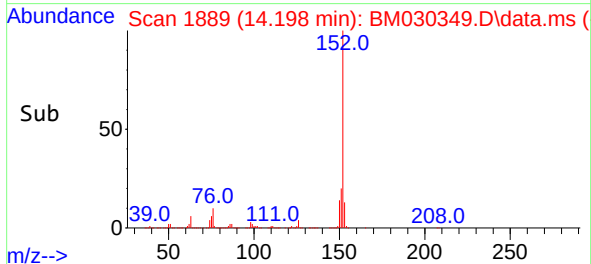
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



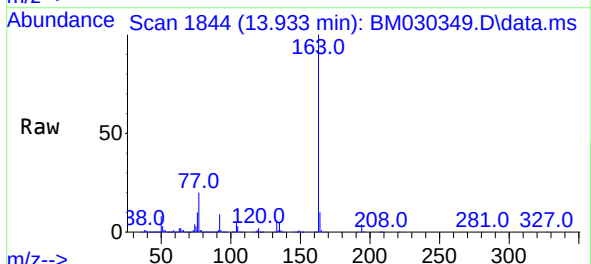
Tgt Ion:152 Resp: 2941719  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.3 24.5  
153 13.1 10.2 15.4

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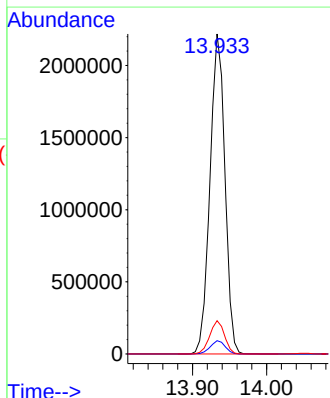
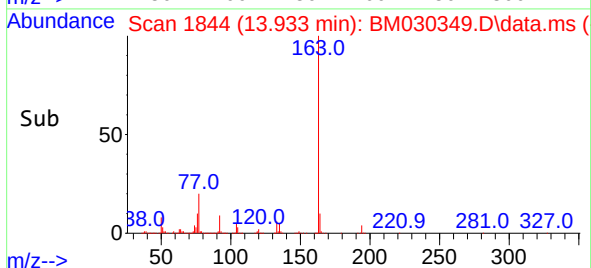
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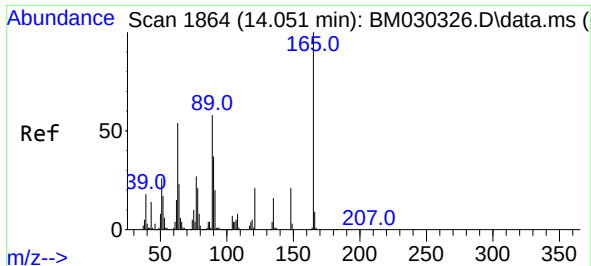


#50  
Dimethylphthalate  
Concen: 55.599 ng  
RT: 13.933 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion:163 Resp: 3102221  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.4 7.9 11.9





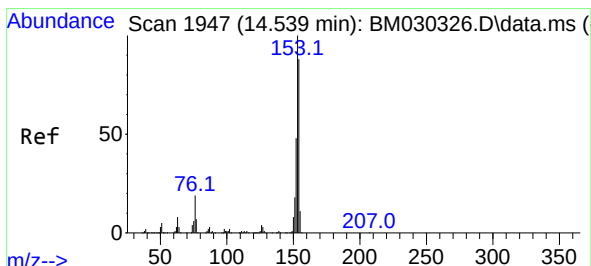
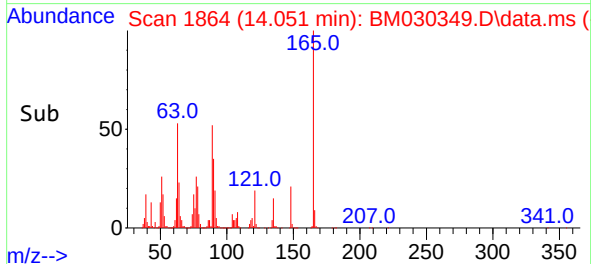
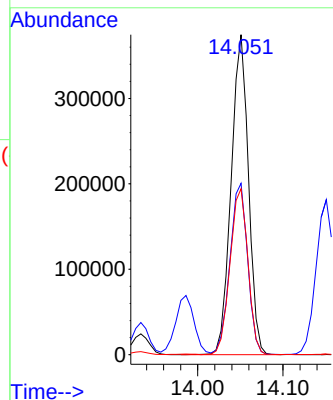
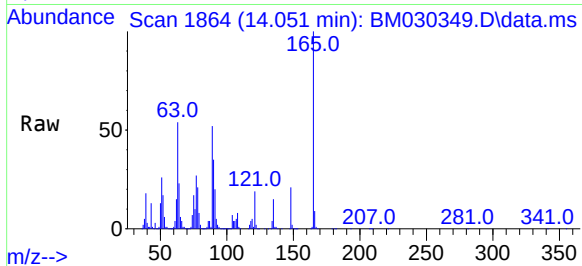
#51  
2,6-Dinitrotoluene  
Concen: 42.834 ng  
RT: 14.051 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:165 Resp: 526855  
Ion Ratio Lower Upper  
165 100  
63 53.6 45.3 67.9  
89 51.9 46.3 69.5

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

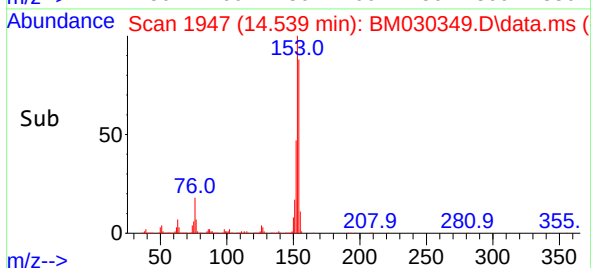
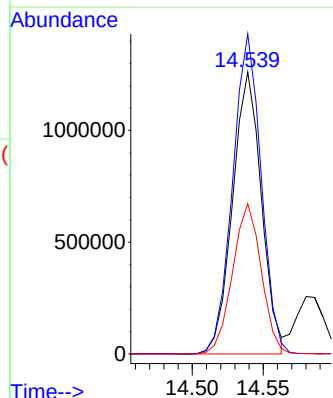
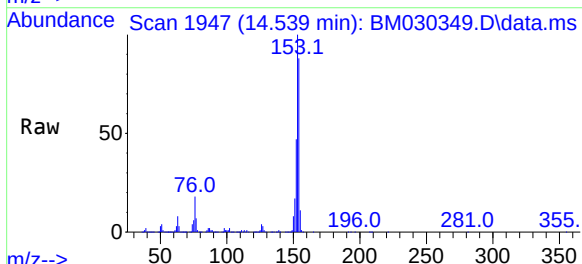
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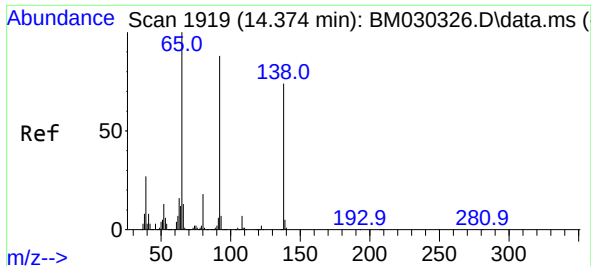
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#52  
Acenaphthene  
Concen: 39.615 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:154 Resp: 1778990  
Ion Ratio Lower Upper  
154 100  
153 113.4 92.2 138.2  
152 53.2 43.4 65.2





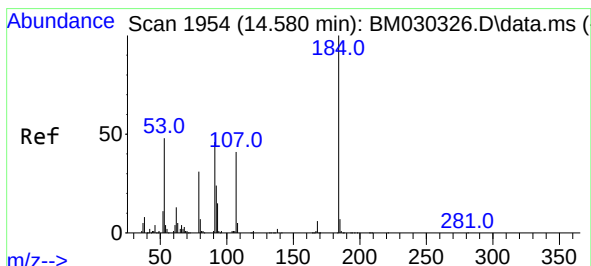
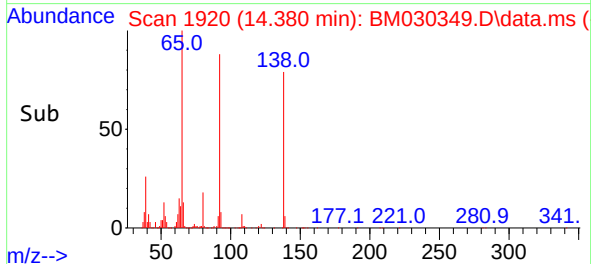
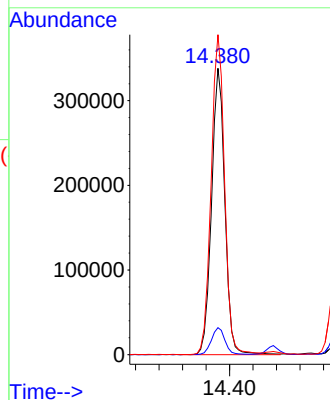
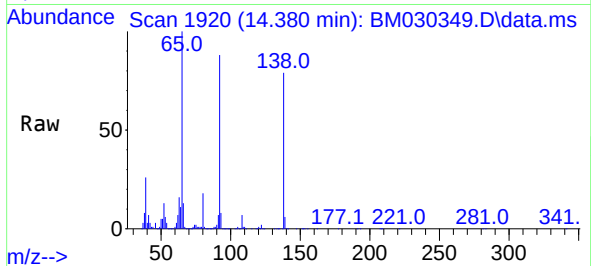
#53  
3-Nitroaniline  
Concen: 39.496 ng  
RT: 14.380 min Scan# 1920  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:138 Resp: 531636  
Ion Ratio Lower Upper  
138 100  
108 9.4 7.7 11.5  
92 111.8 92.6 138.8

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

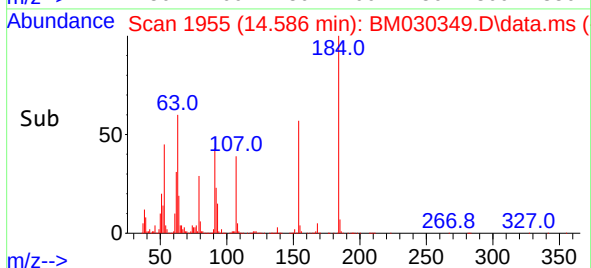
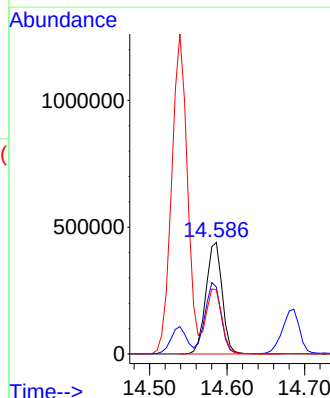
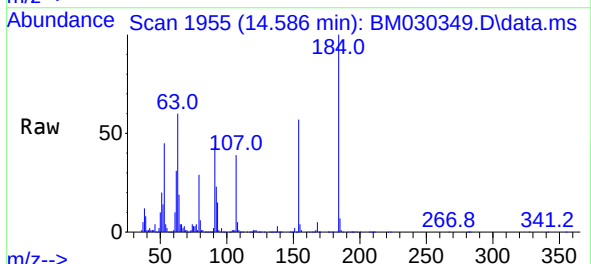
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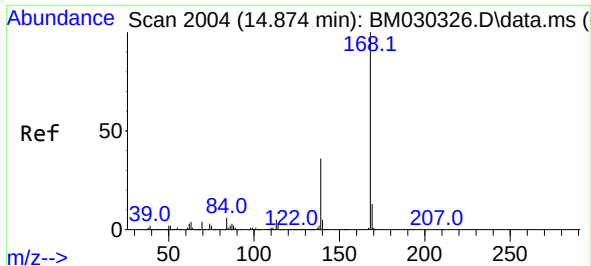
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#54  
2,4-Dinitrophenol  
Concen: 74.558 ng  
RT: 14.586 min Scan# 1955  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:184 Resp: 639801  
Ion Ratio Lower Upper  
184 100  
63 60.0 54.2 81.2  
154 57.4 56.1 84.1





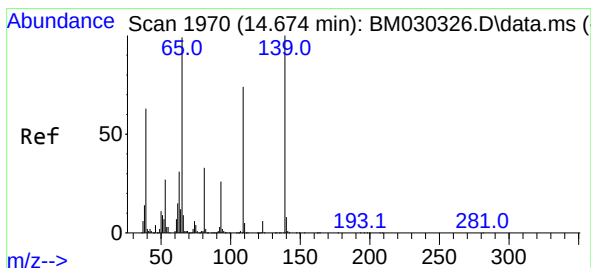
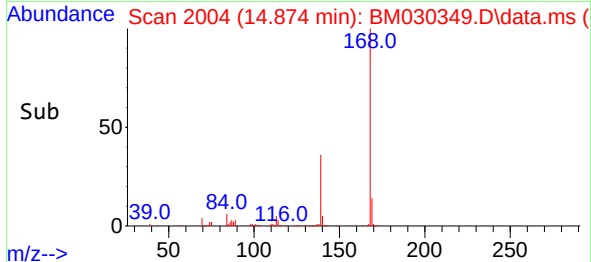
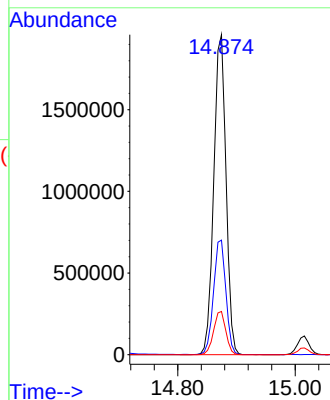
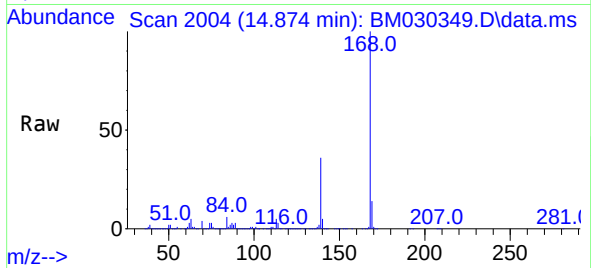
#55  
Dibenzofuran  
Concen: 39.586 ng  
RT: 14.874 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:168 Resp: 2828567  
Ion Ratio Lower Upper  
168 100  
139 35.8 29.4 44.0  
169 13.5 10.8 16.2

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

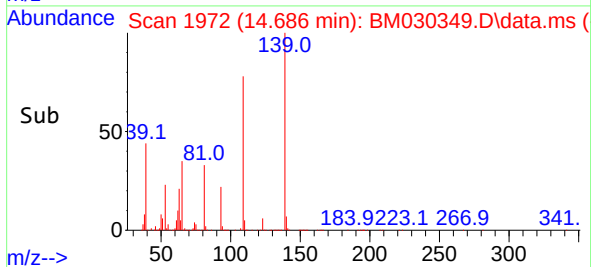
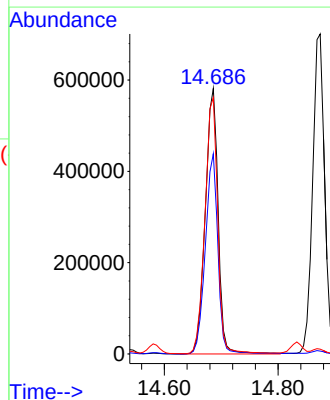
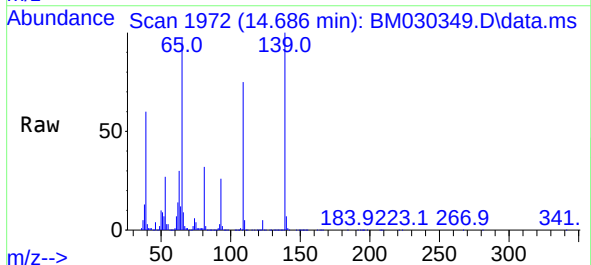
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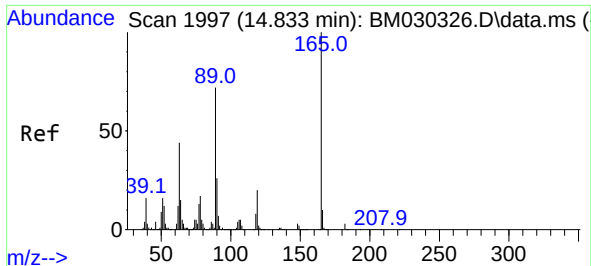
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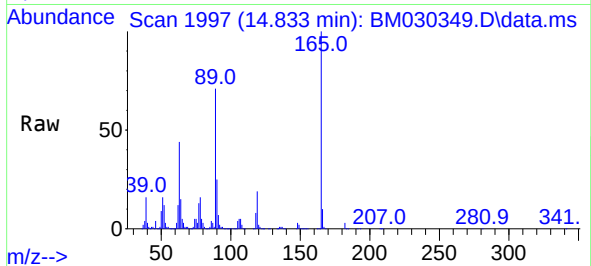
#56  
4-Nitrophenol  
Concen: 87.104 ng  
RT: 14.686 min Scan# 1972  
Delta R.T. 0.012 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:139 Resp: 909744  
Ion Ratio Lower Upper  
139 100  
109 75.4 64.5 104.5  
65 96.5 78.9 118.9

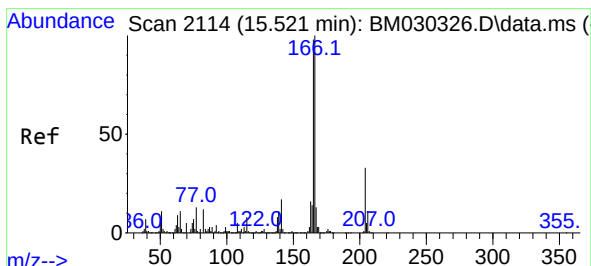
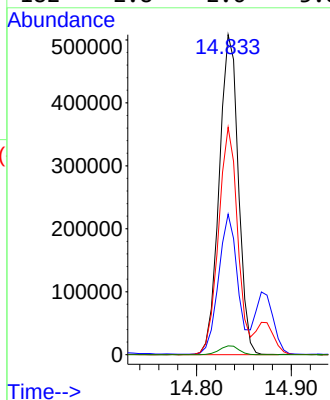
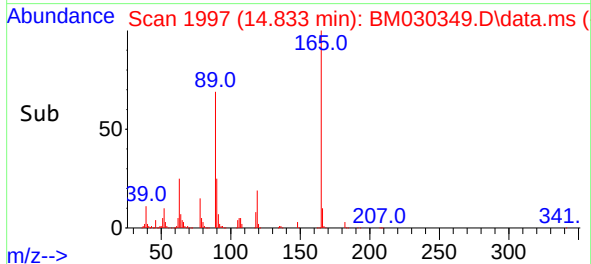




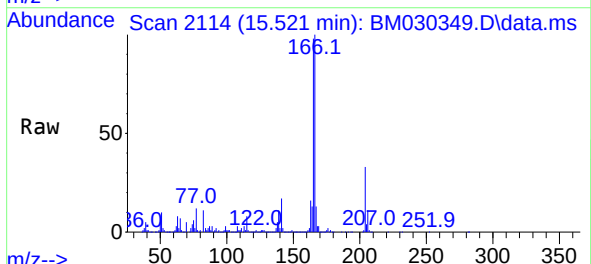
#57  
2,4-Dinitrotoluene  
Concen: 41.586 ng  
RT: 14.833 min Scan# 1997  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



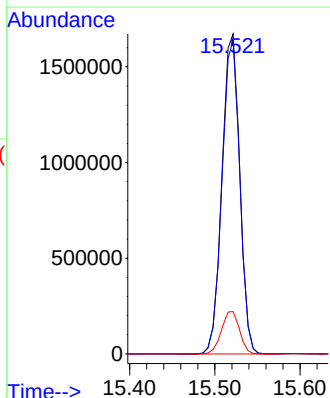
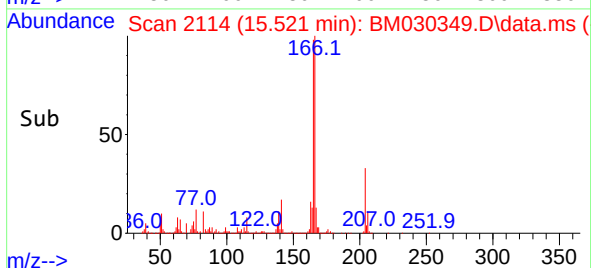
Tgt Ion:165 Resp: 715620  
Ion Ratio Lower Upper  
165 100  
63 43.9 35.0 52.4  
89 71.1 55.2 82.8  
182 2.8 2.6 3.8



#58  
Fluorene  
Concen: 41.196 ng  
RT: 15.521 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion:166 Resp: 2428469  
Ion Ratio Lower Upper  
166 100  
165 98.2 79.0 118.6  
167 13.2 10.8 16.2

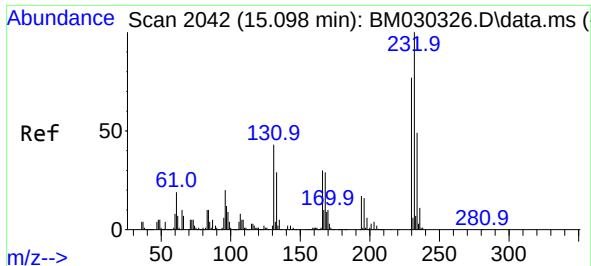


Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

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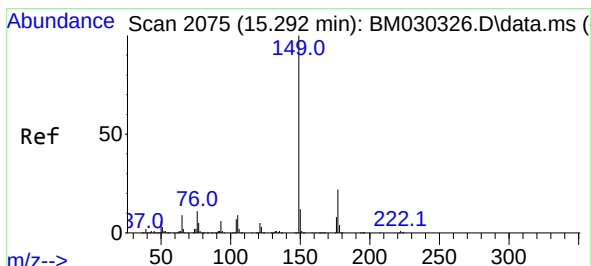
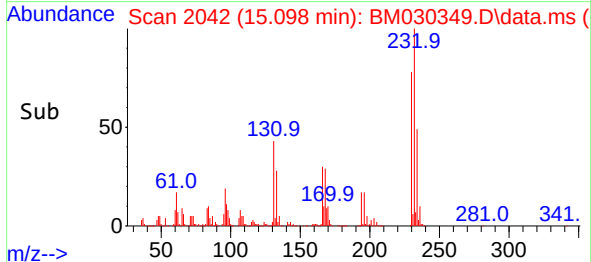
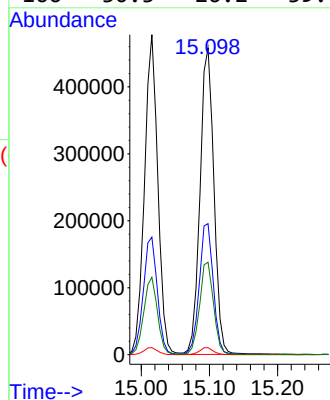
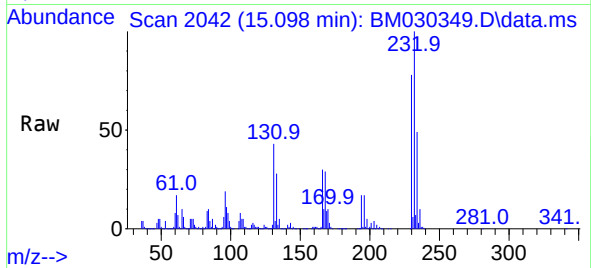
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.886 ng  
RT: 15.098 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 651036 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 43.2  | 34.4  | 51.6   |
| 130      | 2.3   | 2.2   | 3.2    |
| 166      | 30.3  | 26.2  | 39.4   |

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

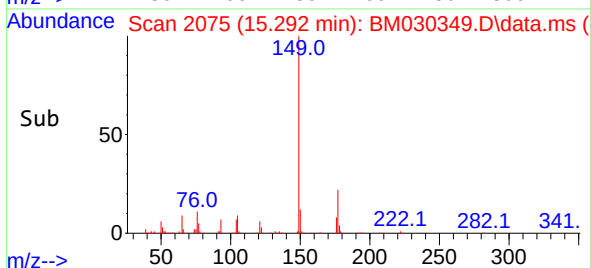
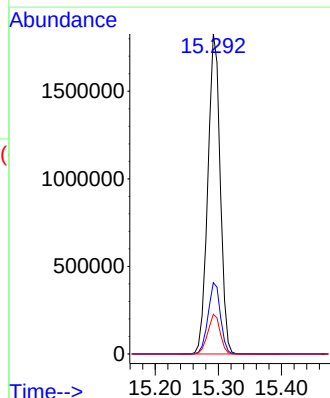
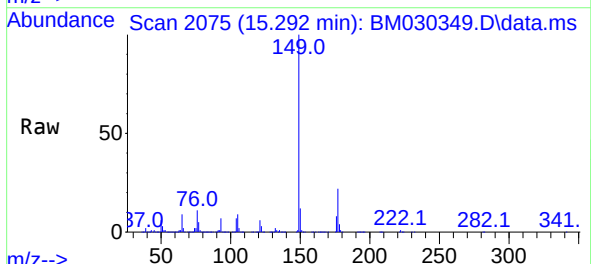
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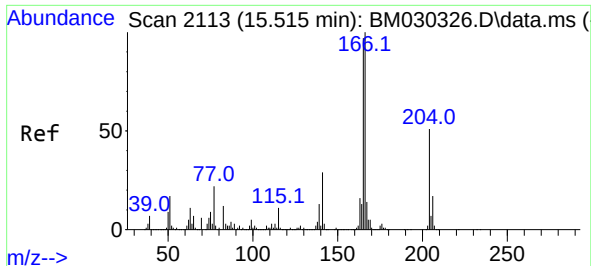
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#60  
Diethylphthalate  
Concen: 44.542 ng  
RT: 15.292 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 2484451 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.3  | 17.9  | 26.9    |
| 150      | 12.4  | 10.3  | 15.5    |





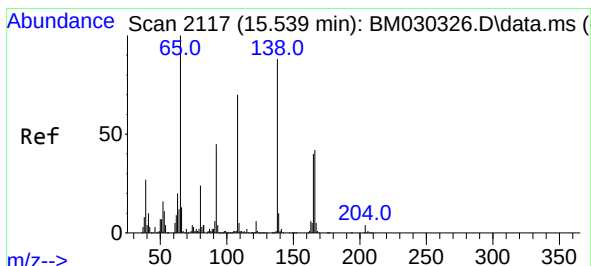
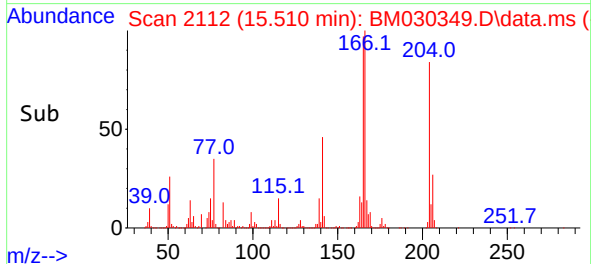
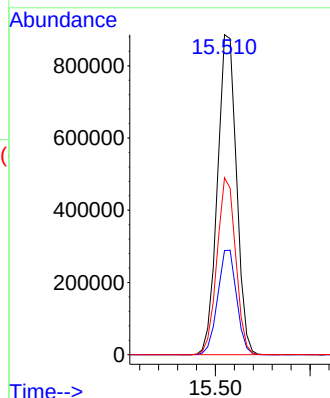
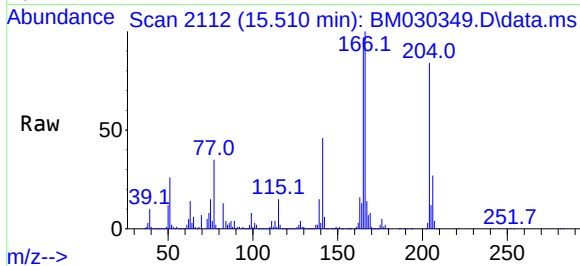
#61  
4-Chlorophenyl-phenylether  
Concen: 42.570 ng  
RT: 15.510 min Scan# 2112  
Delta R.T. -0.005 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:204 Resp: 1236794  
Ion Ratio Lower Upper  
204 100  
206 32.5 25.5 38.3  
141 55.3 40.3 60.5

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

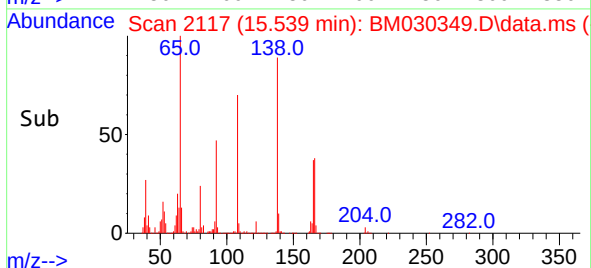
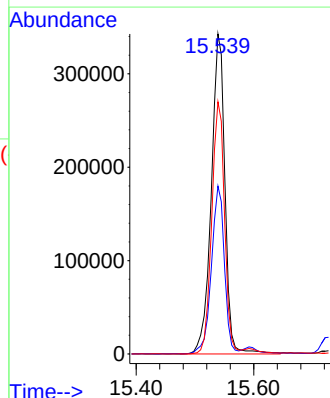
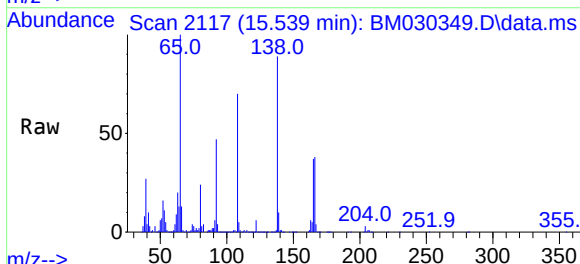
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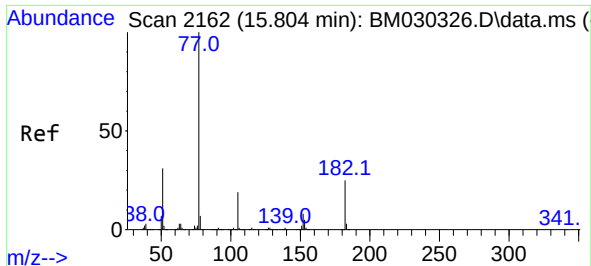
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#62  
4-Nitroaniline  
Concen: 39.146 ng  
RT: 15.539 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

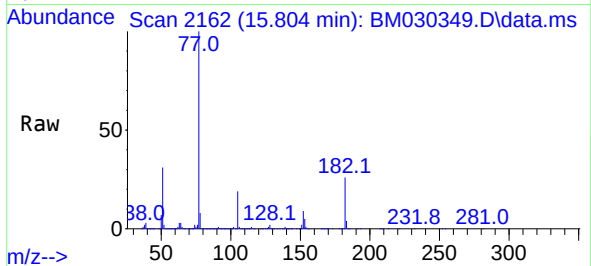
Tgt Ion:138 Resp: 554766  
Ion Ratio Lower Upper  
138 100  
92 52.4 33.4 73.4  
108 78.8 75.5 115.5





#63  
Azobenzene  
Concen: 40.793 ng  
RT: 15.804 min Scan# 2162  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

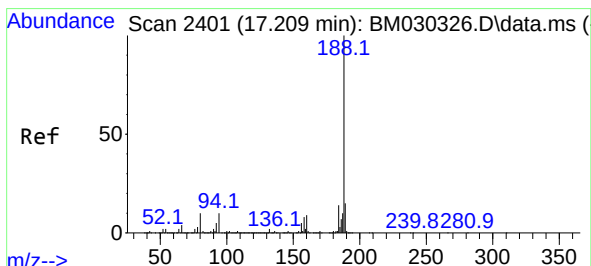
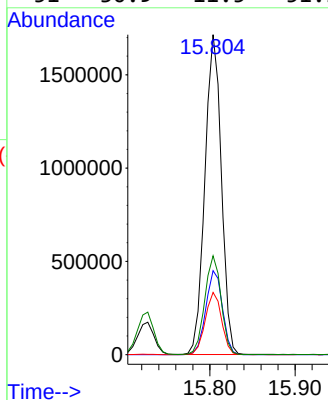
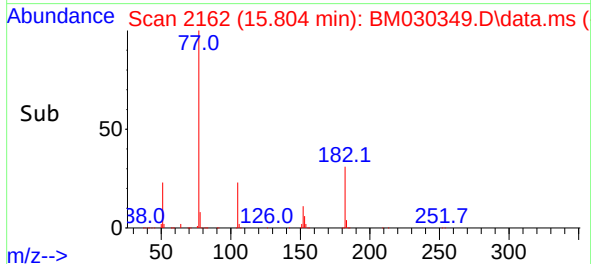


Tgt Ion: 77 Resp: 2298166

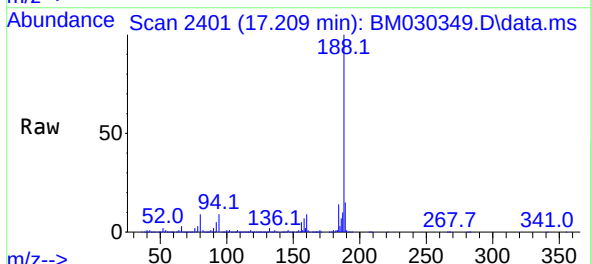
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.2  | 6.8   | 46.8  |
| 105 | 19.4  | 0.0   | 36.6  |
| 51  | 30.9  | 11.5  | 51.5  |

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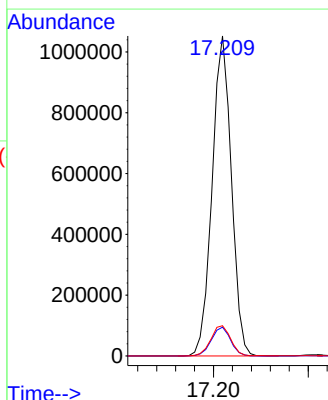
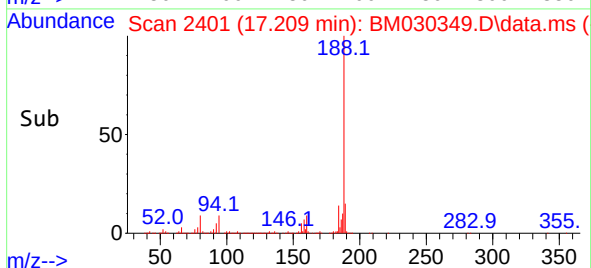


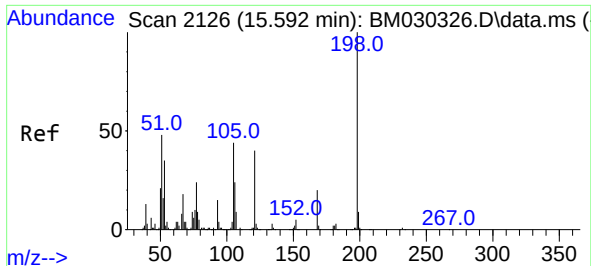
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.209 min Scan# 2401  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion: 188 Resp: 1483457

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.0   | 6.0   | 9.0   |
| 80  | 9.4   | 6.6   | 9.8   |





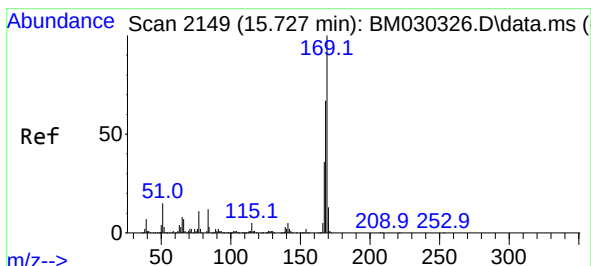
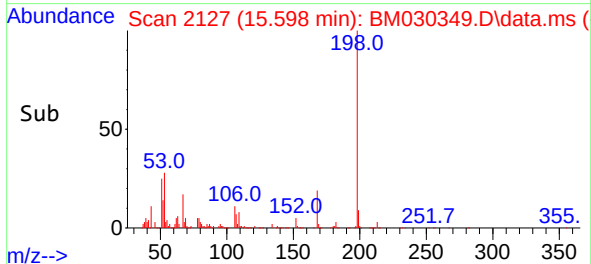
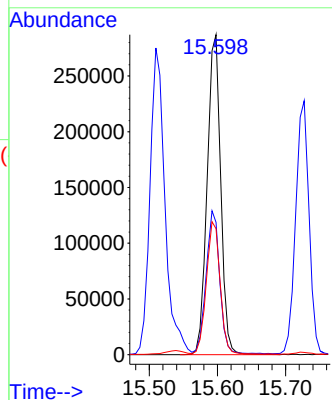
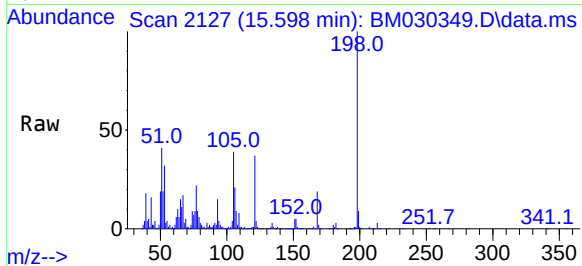
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.579 ng  
RT: 15.598 min Scan# 2127  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:198 Resp: 396627  
Ion Ratio Lower Upper  
198 100  
51 41.3 18.9 58.9  
105 39.4 17.6 57.6

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

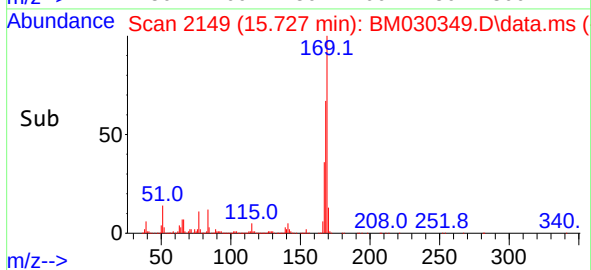
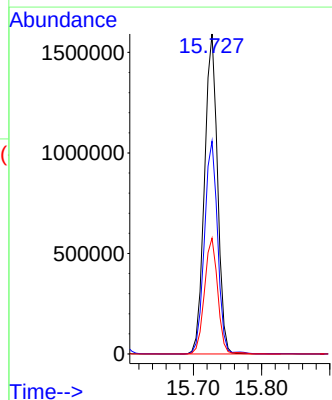
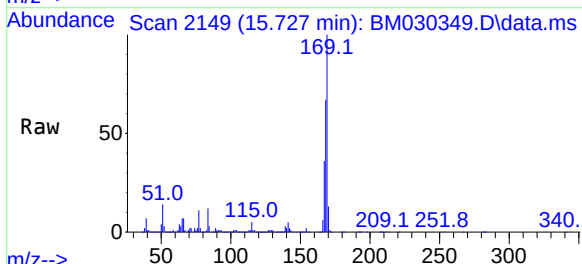
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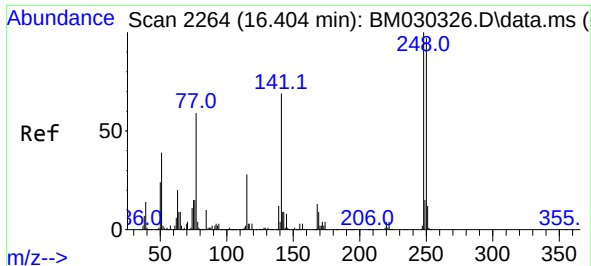
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#66  
n-Nitrosodiphenylamine  
Concen: 41.010 ng  
RT: 15.727 min Scan# 2149  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

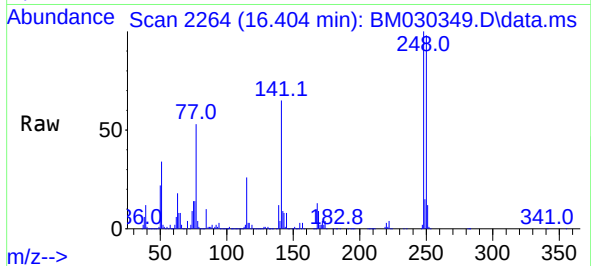
Tgt Ion:169 Resp: 2115693  
Ion Ratio Lower Upper  
169 100  
168 66.5 54.2 81.2  
167 36.2 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 41.307 ng  
RT: 16.404 min Scan# 2264  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

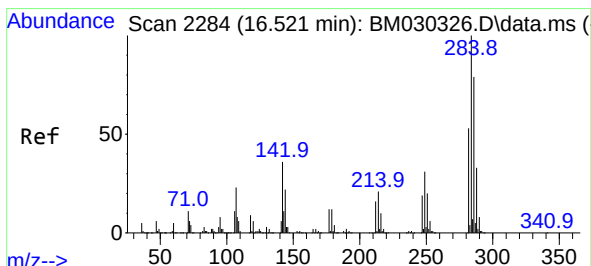
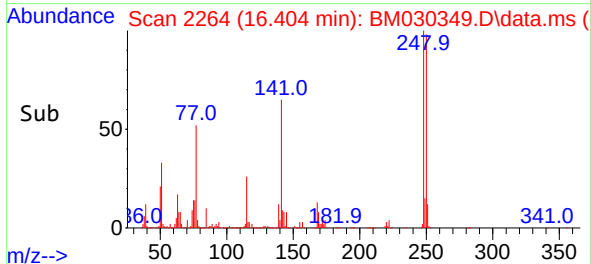
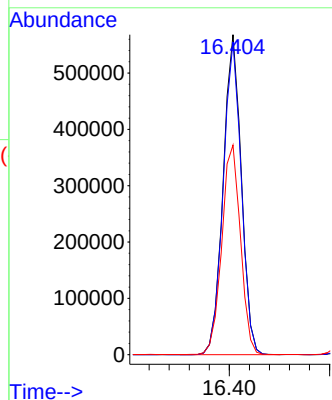
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



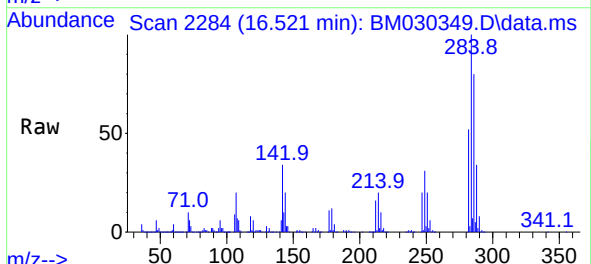
Tgt Ion:248 Resp: 714092  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.9 116.9  
141 65.5 56.2 84.2

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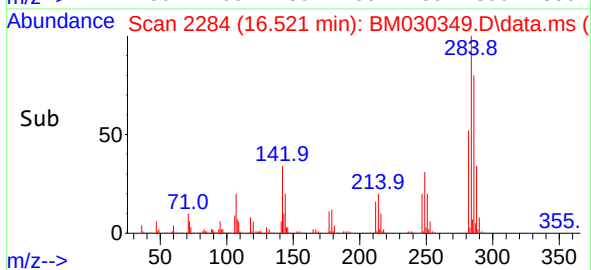
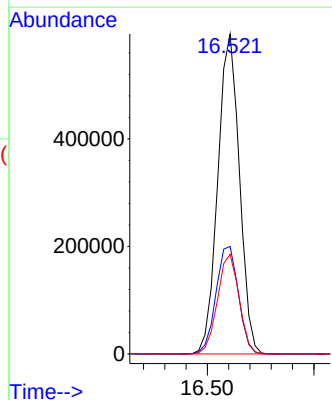
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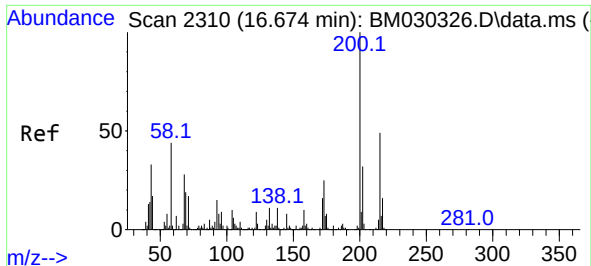


#68  
Hexachlorobenzene  
Concen: 42.695 ng  
RT: 16.521 min Scan# 2284  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion:284 Resp: 836903  
Ion Ratio Lower Upper  
284 100  
142 33.6 29.0 43.4  
249 31.1 26.0 39.0





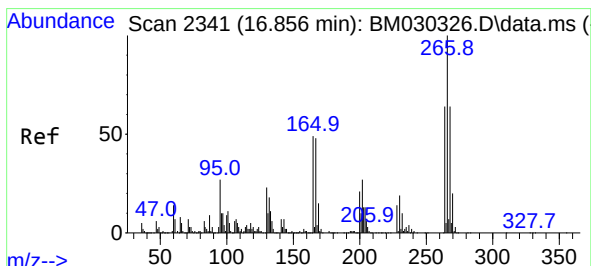
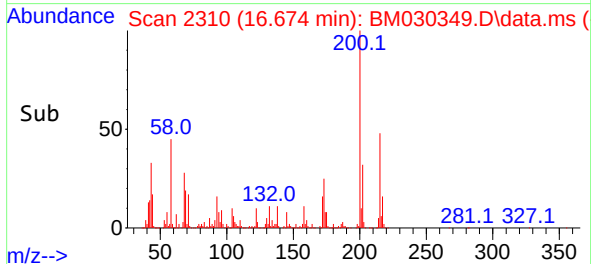
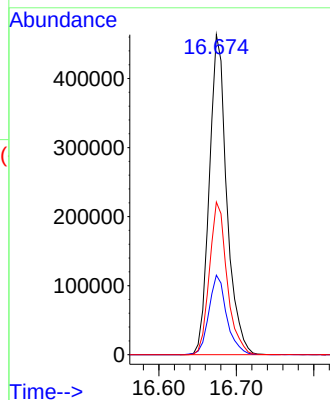
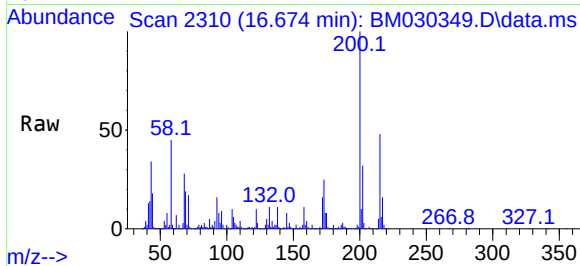
#69  
Atrazine  
Concen: 52.449 ng  
RT: 16.674 min Scan# 2310  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:200 Resp: 724662  
Ion Ratio Lower Upper  
200 100  
173 24.8 3.8 43.8  
215 47.7 24.8 64.8

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

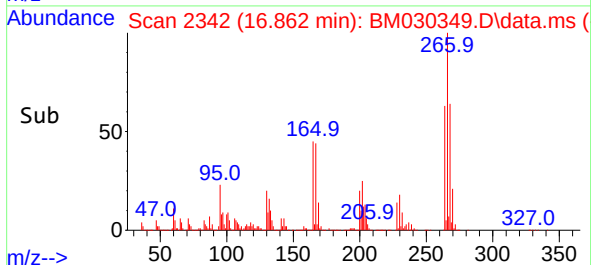
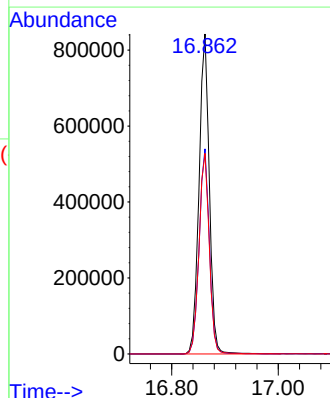
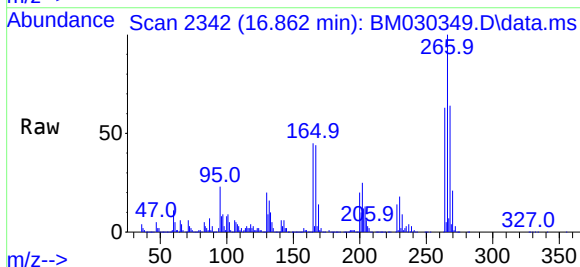
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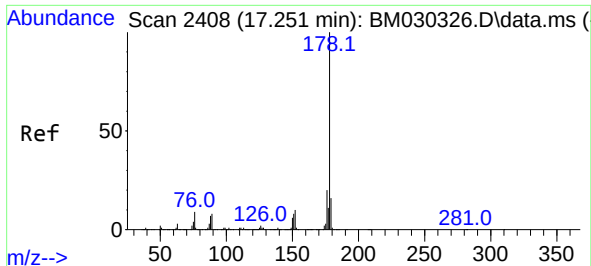
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#70  
Pentachlorophenol  
Concen: 98.096 ng  
RT: 16.862 min Scan# 2342  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:266 Resp: 1125450  
Ion Ratio Lower Upper  
266 100  
268 64.1 52.8 79.2  
264 62.7 51.9 77.9





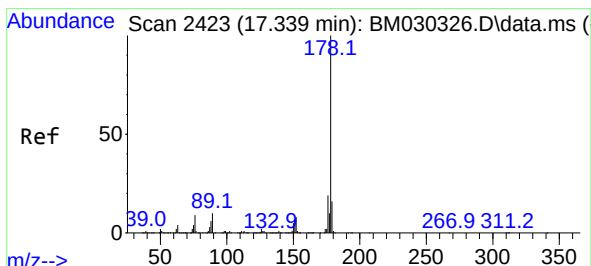
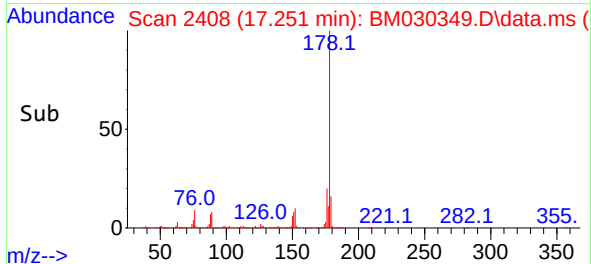
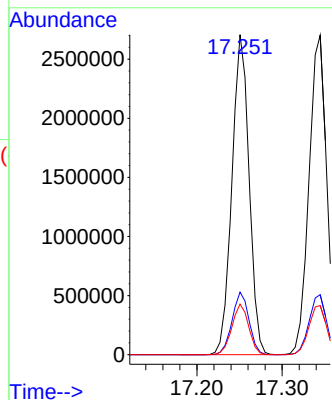
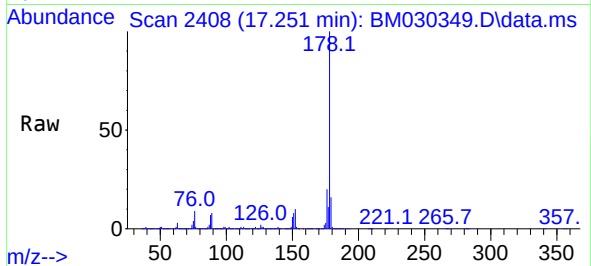
#71  
Phenanthrene  
Concen: 40.612 ng  
RT: 17.251 min Scan# 2408  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:178 Resp: 3790953  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.0  
179 15.8 12.2 18.4

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

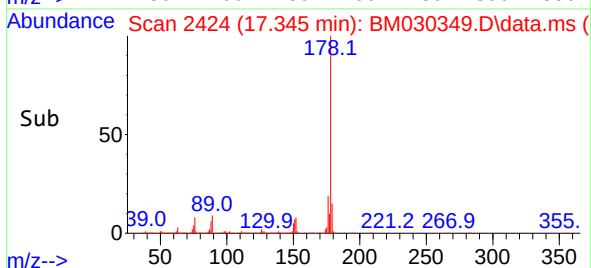
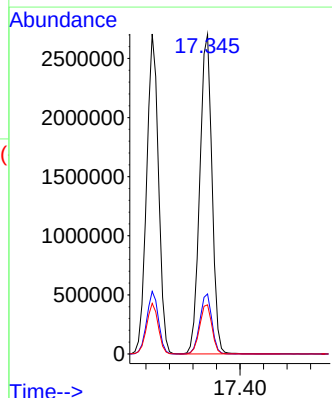
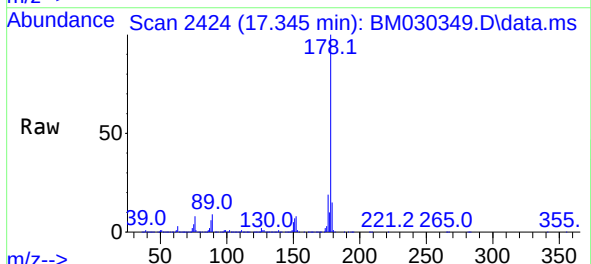
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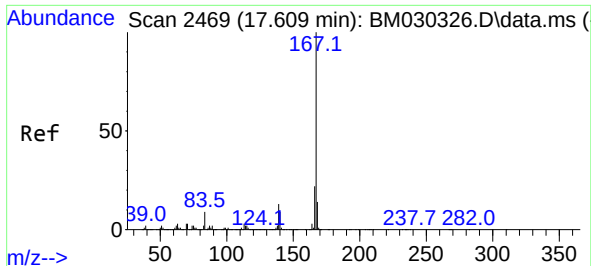
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#72  
Anthracene  
Concen: 42.797 ng  
RT: 17.345 min Scan# 2424  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:178 Resp: 3878909  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 15.4 12.5 18.7





#73  
 Carbazole  
 Concen: 39.601 ng  
 RT: 17.609 min Scan# 2469  
 Delta R.T. 0.000 min  
 Lab File: BM030349.D  
 Acq: 09 Jun 2021 19:21

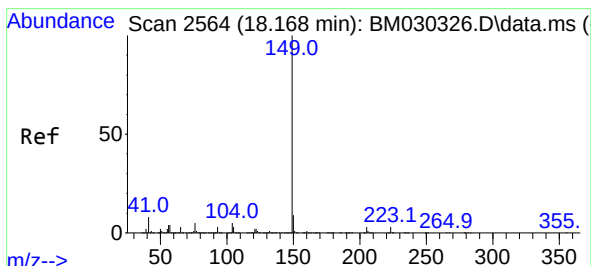
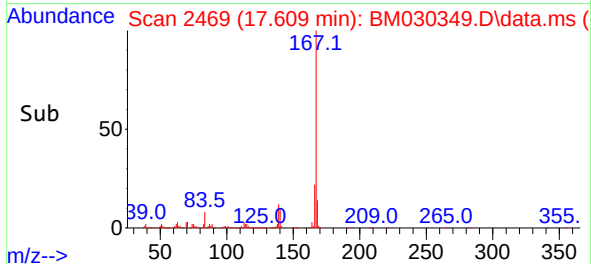
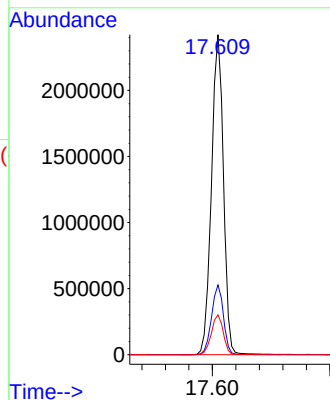
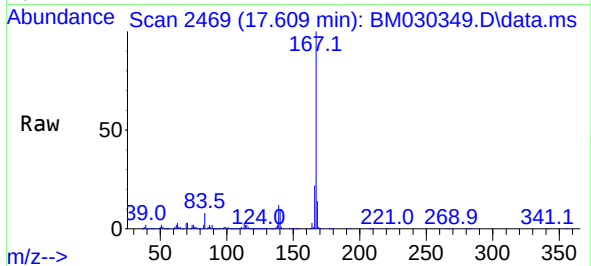
Tgt Ion:167 Resp: 3422846

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.4  | 26.0  |
| 139 | 12.5  | 9.8   | 14.6  |

Instrument :  
 BNA\_M  
 ClientSampleId :  
 18-B12(78-82)MS

Manual Integrations  
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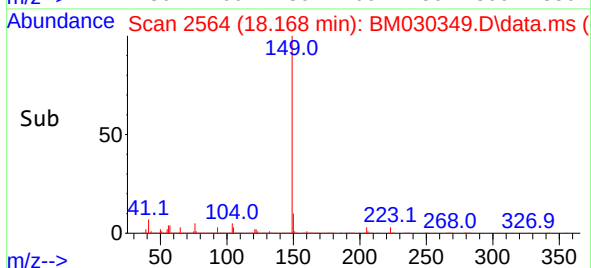
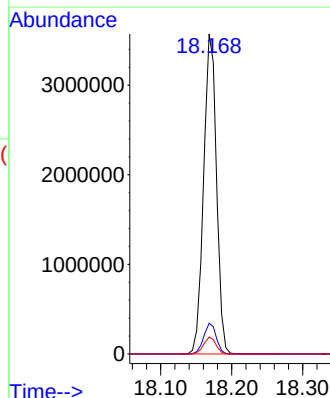
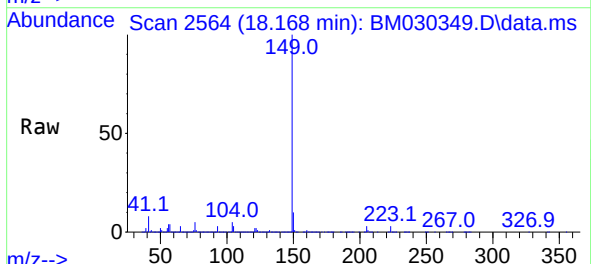
mohammad  
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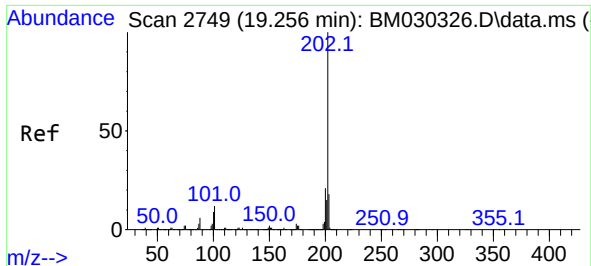
#74  
 Di-n-butylphthalate  
 Concen: 49.931 ng  
 RT: 18.168 min Scan# 2564  
 Delta R.T. 0.000 min  
 Lab File: BM030349.D  
 Acq: 09 Jun 2021 19:21

Tgt Ion:149 Resp: 4499354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.6   | 7.2   | 10.8  |
| 104 | 5.3   | 4.3   | 6.5   |

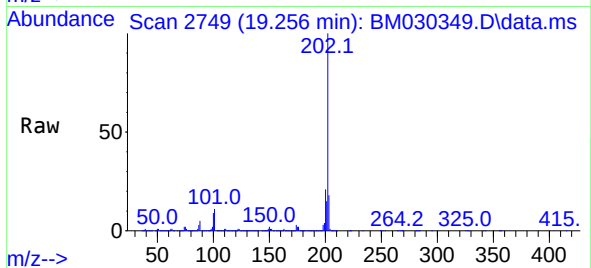




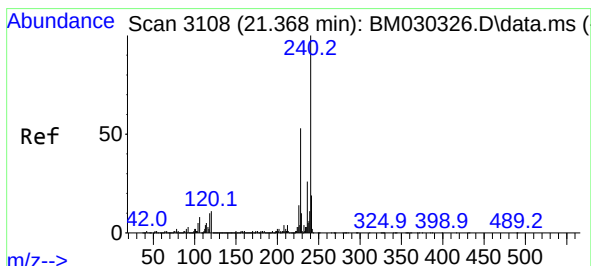
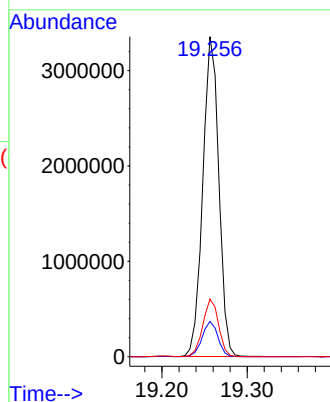
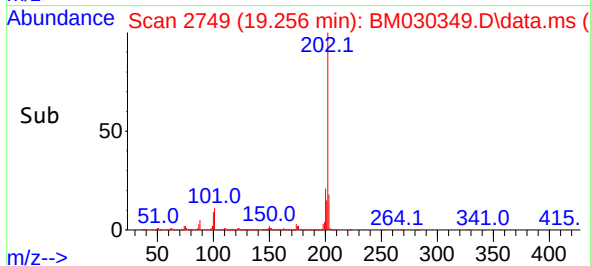


#75  
Fluoranthene  
Concen: 41.340 ng  
RT: 19.256 min Scan# 2749  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

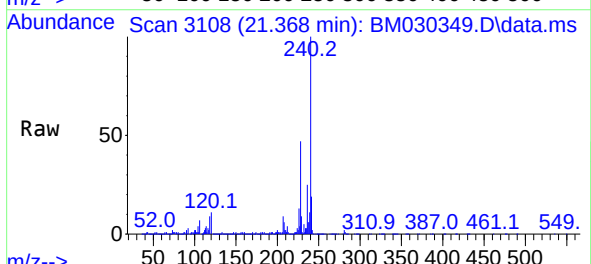
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



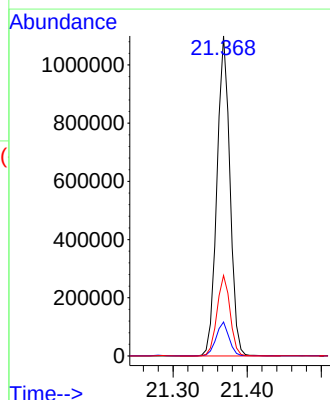
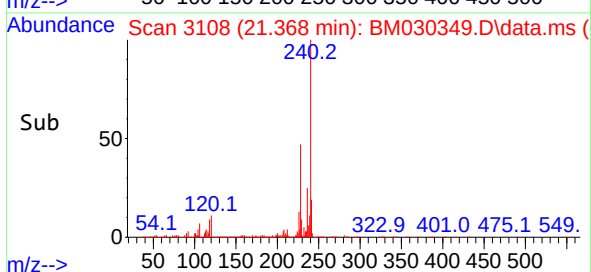
Tgt Ion:202 Resp: 4380115  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 28.6  
203 18.0 0.0 37.3

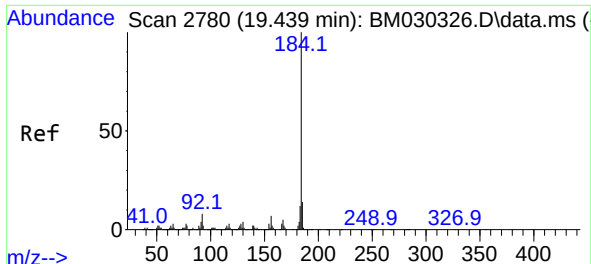


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.368 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion:240 Resp: 1336512  
Ion Ratio Lower Upper  
240 100  
120 10.6 7.0 10.6#  
236 25.2 21.0 31.4





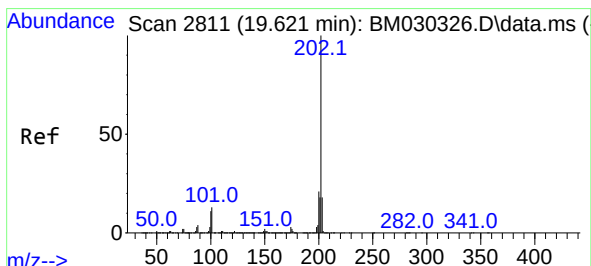
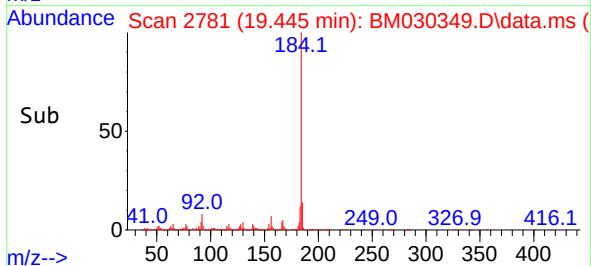
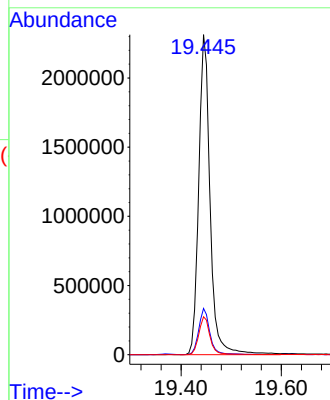
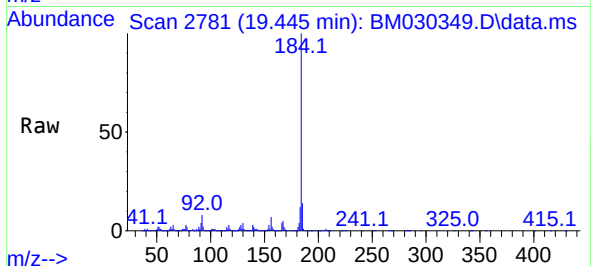
#77  
Benzidine  
Concen: 153.297 ng  
RT: 19.445 min Scan# 2781  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:184 Resp: 3625109  
Ion Ratio Lower Upper  
184 100  
185 14.4 10.9 16.3  
183 11.9 9.8 14.8

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

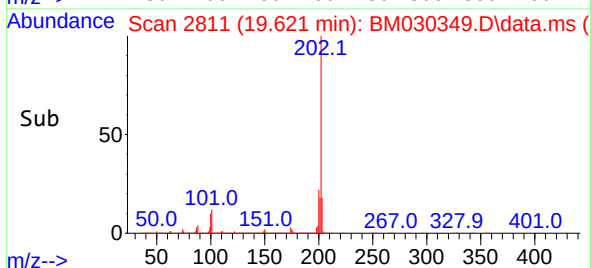
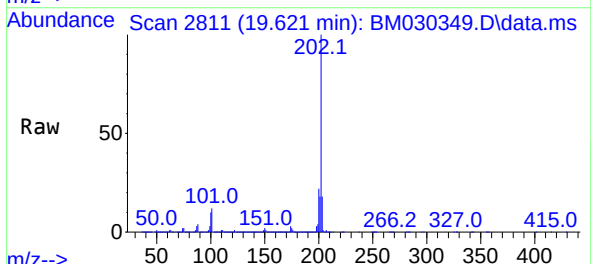
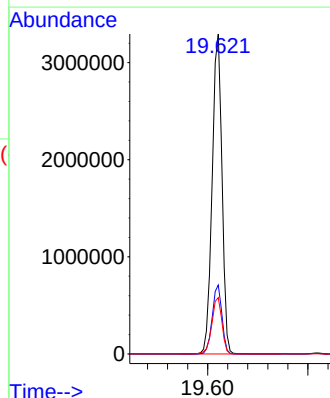
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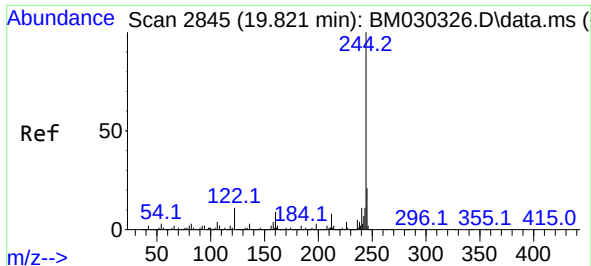
mohammad  
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#78  
Pyrene  
Concen: 44.181 ng  
RT: 19.621 min Scan# 2811  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

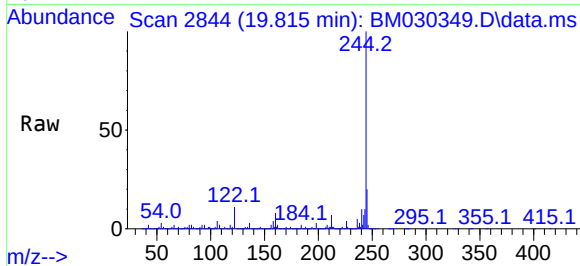
Tgt Ion:202 Resp: 4474442  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.3 25.9  
203 17.6 13.9 20.9





#79  
Terphenyl-d14  
Concen: 45.730 ng  
RT: 19.815 min Scan# 2844  
Delta R.T. -0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

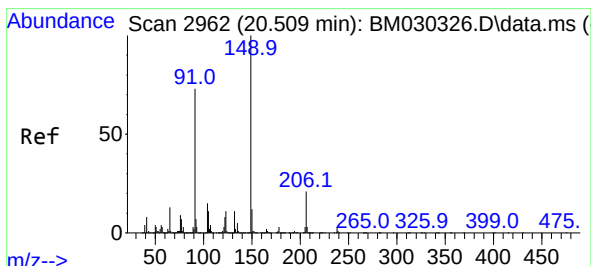
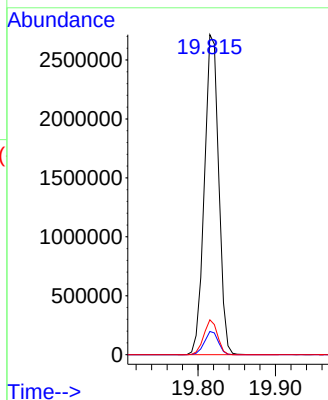
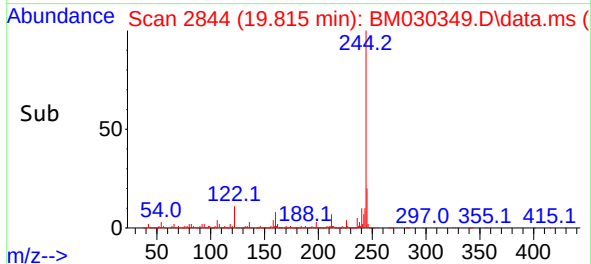
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



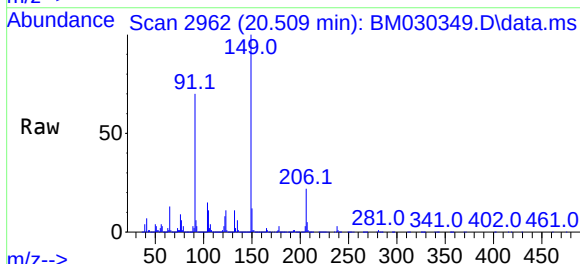
Tgt Ion:244 Resp: 3479685  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.3 9.5  
122 10.9 6.9 10.3#

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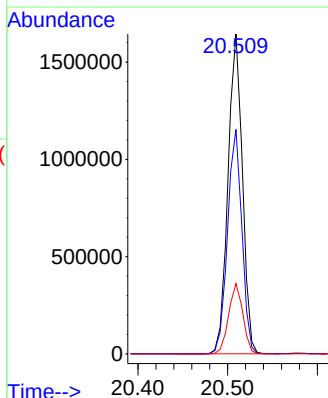
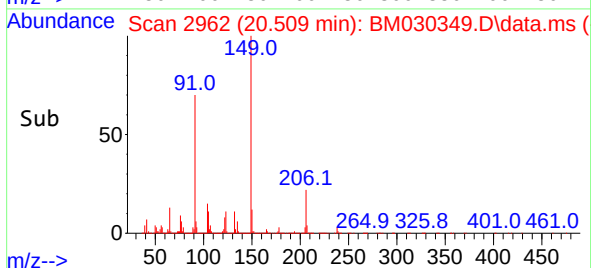
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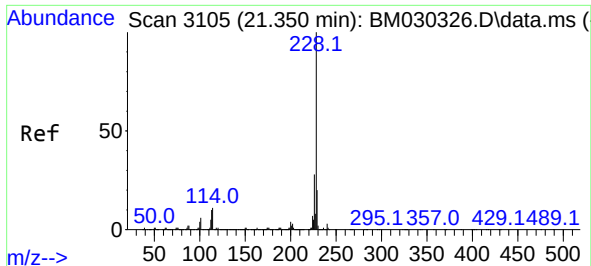


#80  
Butylbenzylphthalate  
Concen: 44.067 ng  
RT: 20.509 min Scan# 2962  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion:149 Resp: 1832537  
Ion Ratio Lower Upper  
149 100  
91 70.2 57.4 86.0  
206 22.0 16.6 25.0





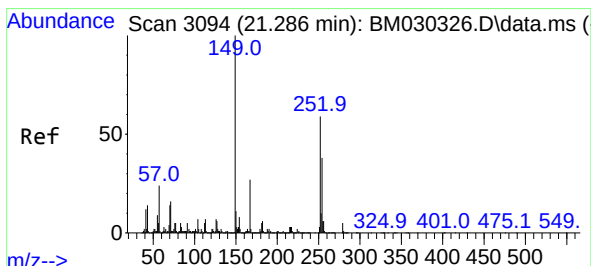
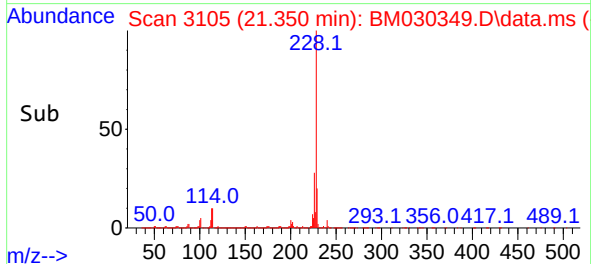
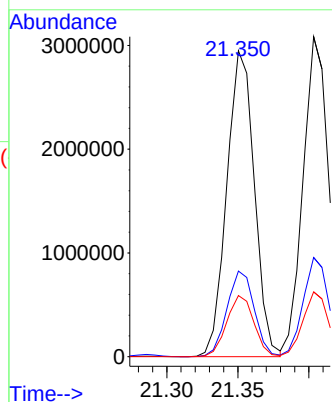
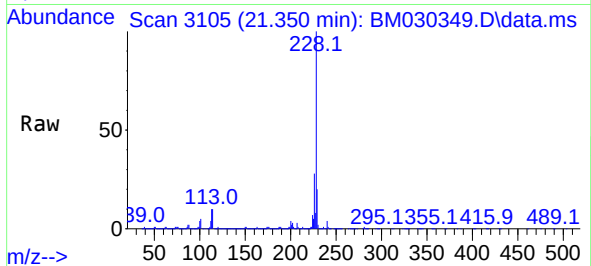
#81  
Benzo(a)anthracene  
Concen: 40.916 ng  
RT: 21.350 min Scan# 3105  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:228 Resp: 3980026  
Ion Ratio Lower Upper  
228 100  
226 28.0 22.3 33.5  
229 20.0 15.7 23.5

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

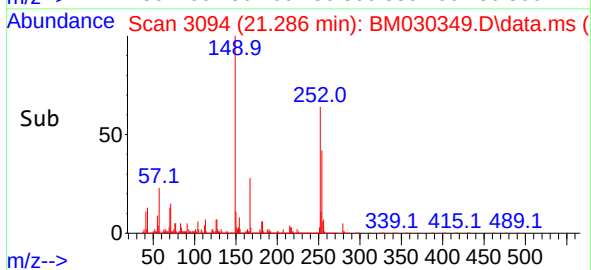
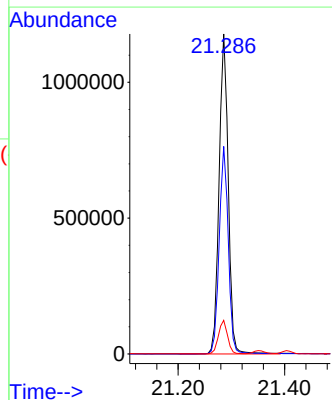
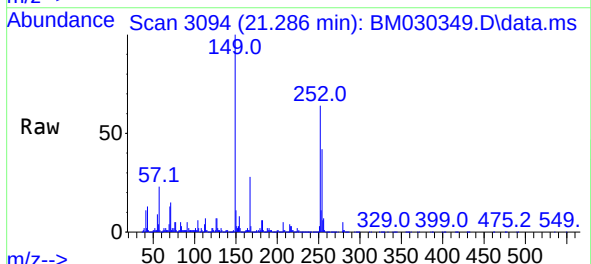
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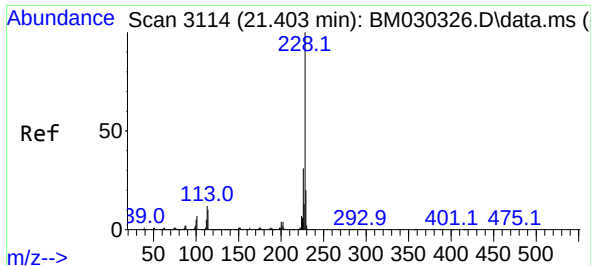
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#82  
3,3'-Dichlorobenzidine  
Concen: 47.556 ng  
RT: 21.286 min Scan# 3094  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:252 Resp: 1400396  
Ion Ratio Lower Upper  
252 100  
254 64.8 51.5 77.3  
126 10.5 8.6 13.0





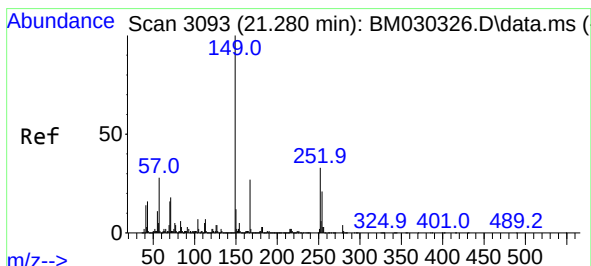
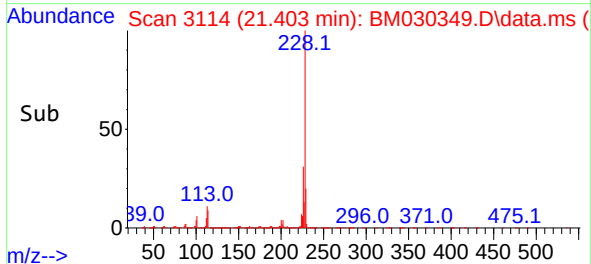
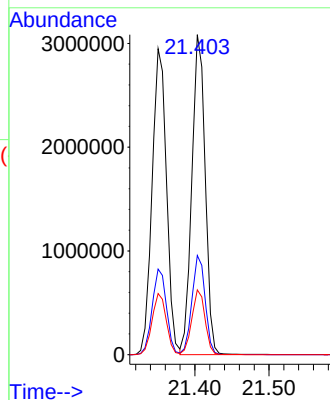
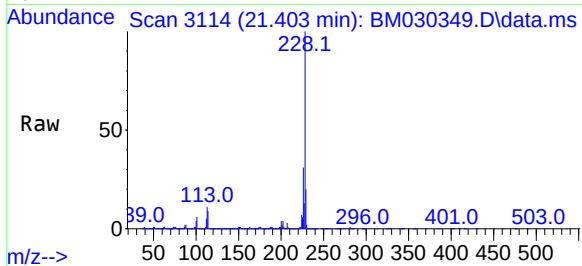
#83  
Chrysene  
Concen: 40.705 ng  
RT: 21.403 min Scan# 3114  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

Tgt Ion:228 Resp: 3847995  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.6 36.8  
229 20.3 15.5 23.3

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

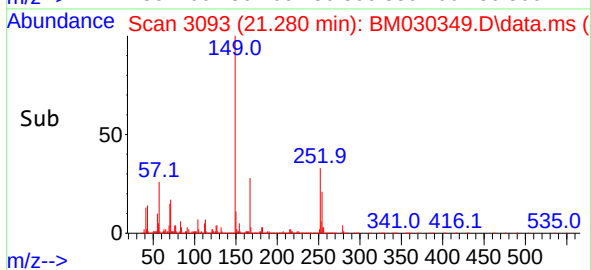
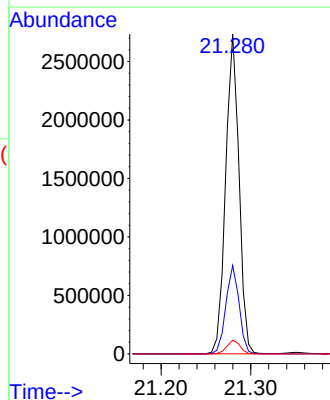
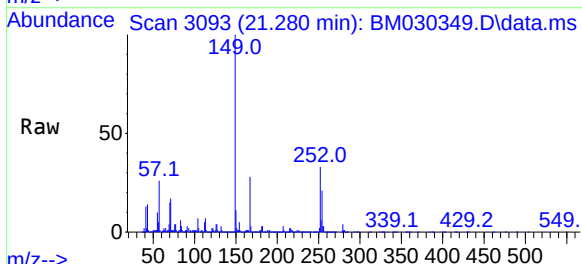
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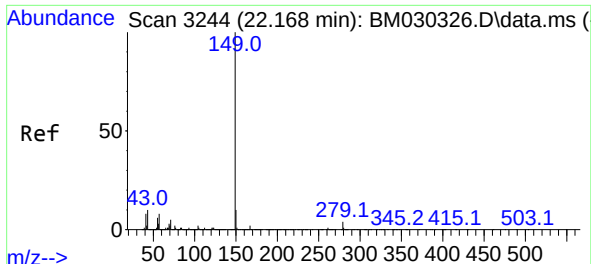
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.969 ng  
RT: 21.280 min Scan# 3093  
Delta R.T. -0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

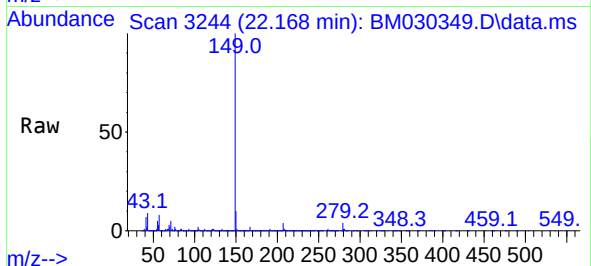
Tgt Ion:149 Resp: 2819253  
Ion Ratio Lower Upper  
149 100  
167 27.6 22.6 33.8  
279 4.3 3.8 5.8



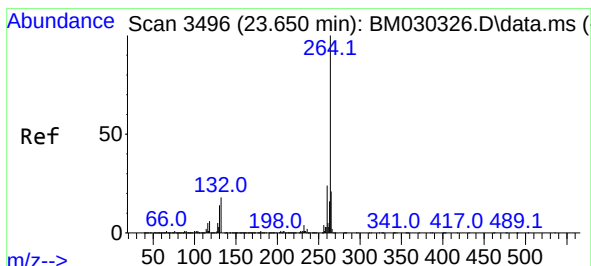
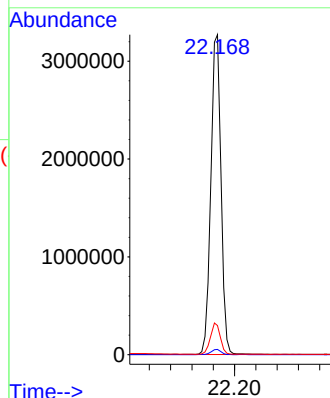
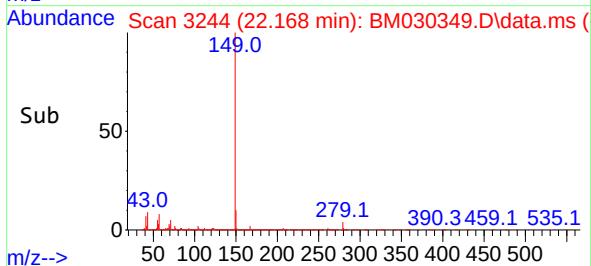


#85  
Di-n-octyl phthalate  
Concen: 44.738 ng  
RT: 22.168 min Scan# 3244  
Delta R.T. -0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

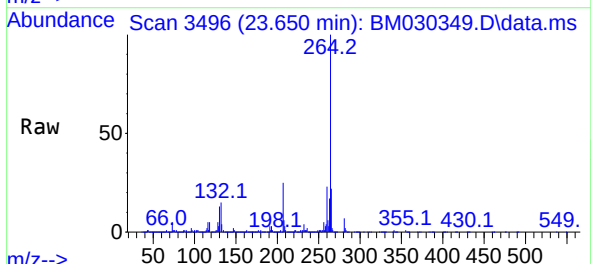
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



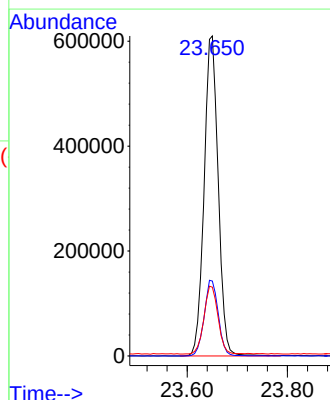
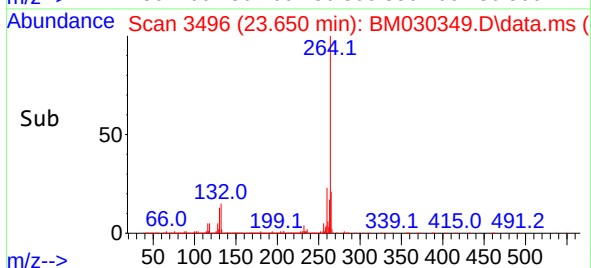
Tgt Ion:149 Resp: 4320022  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.6 7.4 11.0

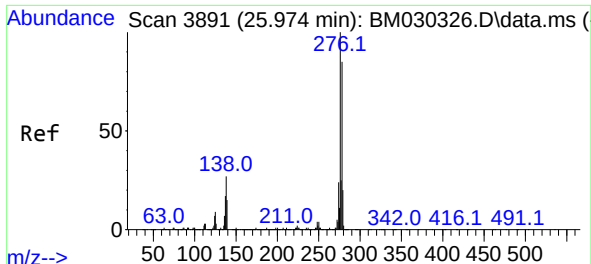


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.650 min Scan# 3496  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

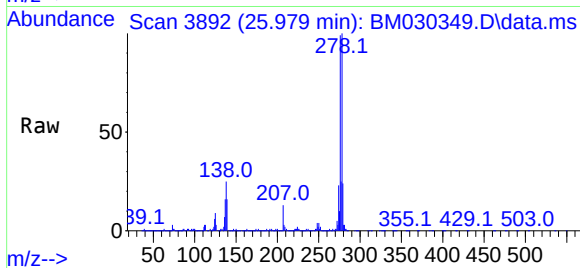


Tgt Ion:264 Resp: 1190952  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.8 29.8  
265 21.5 17.7 26.5





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.909 ng  
RT: 25.979 min Scan# 3892  
Delta R.T. 0.006 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

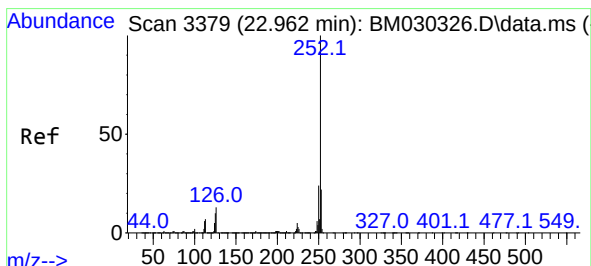
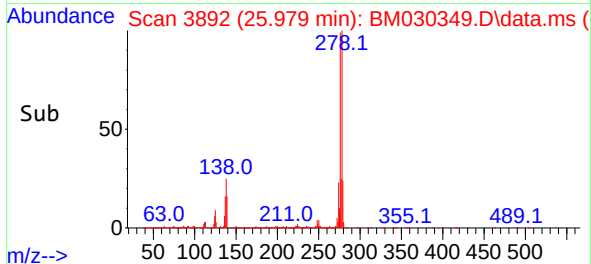
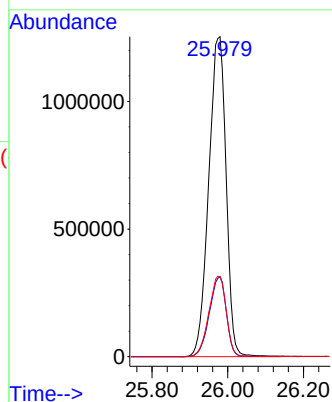


Tgt Ion:276 Resp: 3977478  
Ion Ratio Lower Upper  
276 100  
138 24.4 17.1 25.7  
277 25.2 20.3 30.5

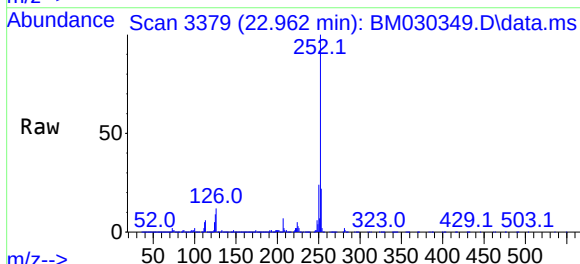
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS

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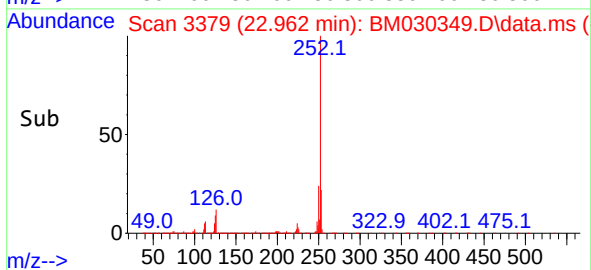
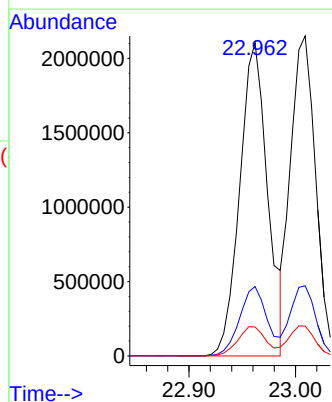
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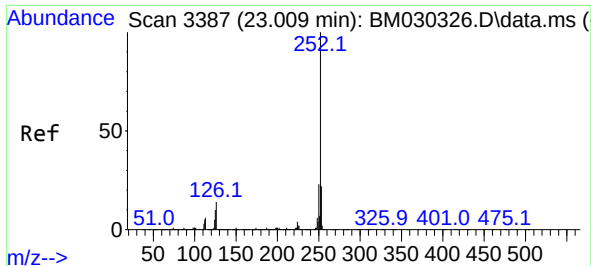


#88  
Benzo(b)fluoranthene  
Concen: 42.593 ng  
RT: 22.962 min Scan# 3379  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



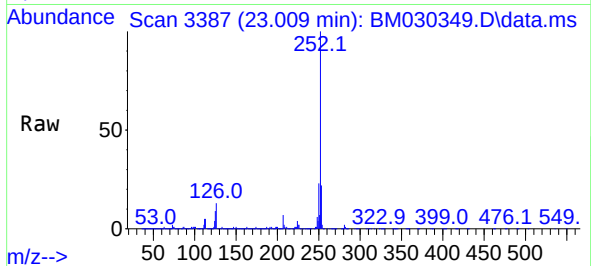
Tgt Ion:252 Resp: 3839278  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.0  
125 9.2 6.8 10.2





#89  
Benzo(k)fluoranthene  
Concen: 39.762 ng  
RT: 23.009 min Scan# 3387  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

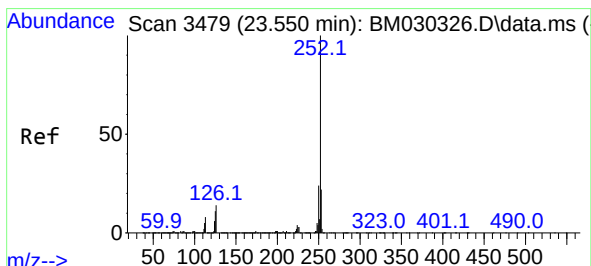
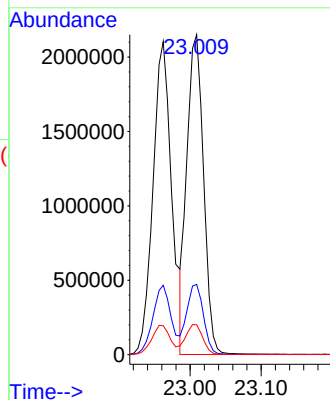
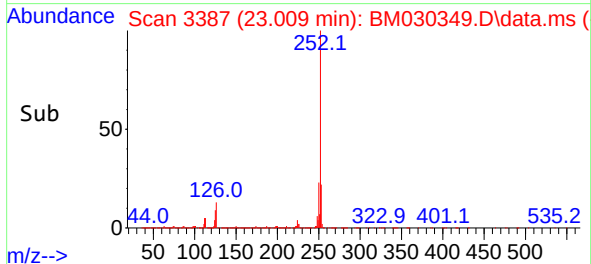
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



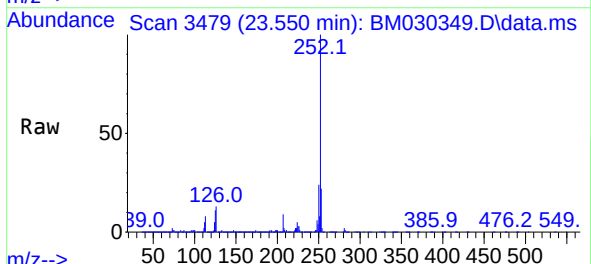
Tgt Ion:252 Resp: 3500470  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 9.4 6.2 9.2#

Manual Integrations  
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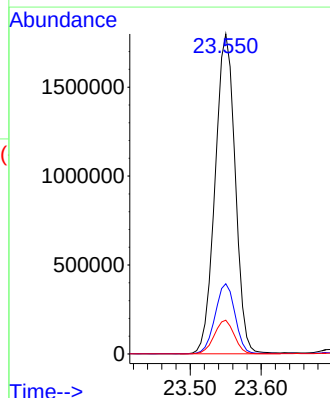
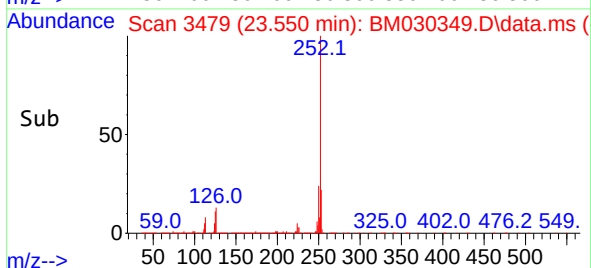
mohammad  
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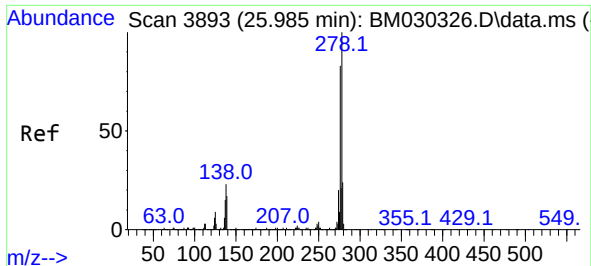
#90  
Benzo(a)pyrene  
Concen: 44.168 ng  
RT: 23.550 min Scan# 3479  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion:252 Resp: 3520529  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.7 26.5  
125 10.6 7.3 10.9

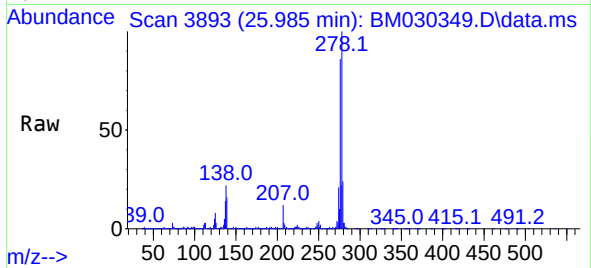






#91  
Dibenzo(a,h)anthracene  
Concen: 43.365 ng  
RT: 25.985 min Scan# 3893  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21

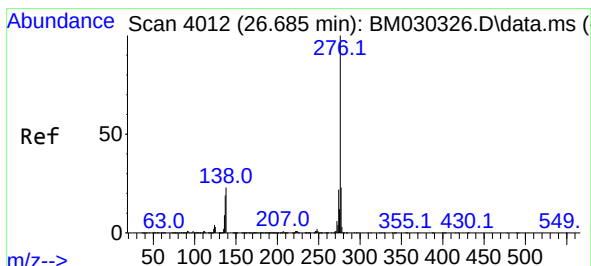
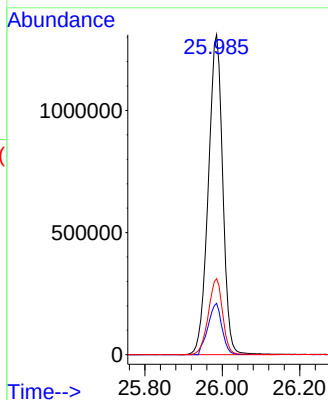
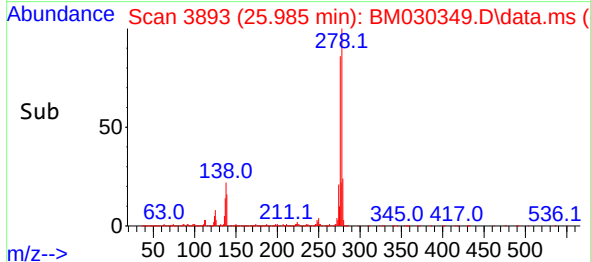
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(78-82)MS



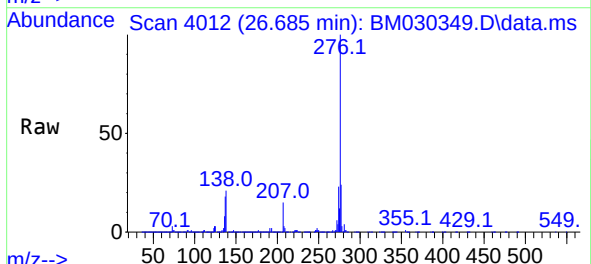
Tgt Ion:278 Resp: 3386852  
Ion Ratio Lower Upper  
278 100  
139 16.1 11.0 16.4  
279 23.8 18.7 28.1

Manual Integrations  
APPROVED

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6/11/2021 1:28:02 PM



#92  
Benzo(g,h,i)perylene  
Concen: 43.914 ng  
RT: 26.685 min Scan# 4012  
Delta R.T. 0.000 min  
Lab File: BM030349.D  
Acq: 09 Jun 2021 19:21



Tgt Ion:276 Resp: 3262256  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.4 29.2  
138 20.5 14.4 21.6

