

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080323\  
 Data File : BM041258.D  
 Acq On : 03 Aug 2023 12:16  
 Operator : MA/JU  
 Sample : 03810-02MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-P3BMSD

Quant Time: Aug 04 01:17:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 02 19:20:51 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.792  | 152  | 135184   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.598 | 136  | 606972   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.463 | 164  | 397830   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.221 | 188  | 913430   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.433 | 240  | 748295   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.803 | 264  | 744667   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 785922   | 86.891  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.981  | 99   | 1102818  | 94.062  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.969  | 82   | 682186   | 52.267  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.968 | 330  | 570158   | 101.324 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.080 | 172  | 1596914  | 50.708  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.856 | 244  | 2939598  | 71.027  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.252  | 88   | 130317   | 33.680  | ng    | 95       |
| 3) Pyridine                   | 3.657  | 79   | 370174   | 36.385  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 194364   | 41.307  | ng    | 89       |
| 6) Aniline                    | 7.128  | 93   | 585827   | 42.696  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.357  | 128  | 508879   | 57.631  | ng    | 99       |
| 9) Benzaldehyde               | 6.940  | 77   | 276532   | 44.699  | ng    | 99       |
| 10) Phenol                    | 7.004  | 94   | 664799   | 58.708  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.228  | 93   | 475752   | 51.903  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.675  | 146  | 515412   | 53.623  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.828  | 146  | 530607   | 54.923  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.139  | 146  | 513846   | 55.472  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.051  | 79   | 481830   | 65.076  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.334  | 45   | 587348   | 48.092  | ng    | 95       |
| 17) 2-Methylphenol            | 8.257  | 107  | 443847   | 57.372  | ng    | 100      |
| 18) Hexachloroethane          | 8.863  | 117  | 173800   | 48.322  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.616  | 70   | 402632   | 56.539  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.586  | 107  | 610068   | 58.978  | ng    | 99       |
| 22) Acetophenone              | 8.634  | 105  | 776715   | 48.317  | ng    | # 98     |
| 24) Nitrobenzene              | 9.016  | 77   | 613618   | 46.489  | ng    | 98       |
| 25) Isophorone                | 9.539  | 82   | 1125586  | 50.803  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.722  | 139  | 255484   | 49.514  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.786  | 122  | 446133   | 49.136  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.022 | 93   | 660342   | 47.581  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.257 | 162  | 526533   | 57.505  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.463 | 180  | 537387   | 53.121  | ng    | 99       |
| 31) Naphthalene               | 10.651 | 128  | 1593842  | 48.390  | ng    | 99       |
| 32) Benzoic acid              | 9.981  | 122  | 411132   | 58.458  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.780 | 127  | 357874   | 27.188  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.916 | 225  | 317181   | 52.131  | ng    | 99       |
| 35) Caprolactam               | 11.610 | 113  | 178685   | 67.460  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.922 | 107  | 576385   | 59.808  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.269 | 142  | 1130634  | 50.916  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.492 | 142  | 1086529  | 52.278  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.639 | 216  | 630463   | 48.805  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.604 | 237  | 346632   | 50.720  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.892 | 196  | 458153   | 55.335  | ng    | 99       |

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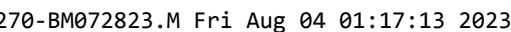
Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-P3BMSD

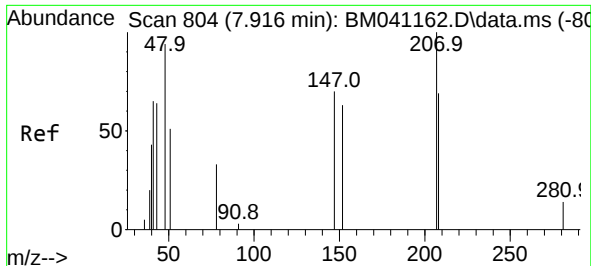
Quant Time: Aug 04 01:17:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 02 19:20:51 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.969 | 196  | 507404   | 52.948  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.292 | 154  | 1520521  | 47.146  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.333 | 162  | 1210767  | 50.278  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.557 | 65   | 421937   | 54.891  | ng    | 97       |
| 49) Acenaphthylene            | 14.186 | 152  | 1997699  | 51.396  | ng    | 100      |
| 50) Dimethylphthalate         | 13.933 | 163  | 1498330  | 50.069  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.063 | 165  | 326318   | 52.627  | ng    | 95       |
| 52) Acenaphthene              | 14.527 | 154  | 1148319  | 49.040  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.392 | 138  | 347339   | 48.387  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.610 | 184  | 208440   | 51.984  | ng    | 89       |
| 55) Dibenzofuran              | 14.863 | 168  | 1918190  | 50.209  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.721 | 139  | 597498   | 115.622 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.857 | 165  | 463061   | 52.056  | ng    | 95       |
| 58) Fluorene                  | 15.515 | 166  | 1557690  | 51.684  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.098 | 232  | 449314   | 57.900  | ng    | 96       |
| 60) Diethylphthalate          | 15.298 | 149  | 1515135  | 52.355  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204  | 803062   | 53.173  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.568 | 138  | 372124   | 55.555  | ng    | 98       |
| 63) Azobenzene                | 15.804 | 77   | 1581655  | 49.895  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.621 | 198  | 144934   | 26.192  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.733 | 169  | 1327487  | 46.729  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.410 | 248  | 504315   | 50.356  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.521 | 284  | 603991   | 54.236  | ng    | 96       |
| 69) Atrazine                  | 16.698 | 200  | 462035   | 61.931  | ng    | 99       |
| 70) Pentachlorophenol         | 16.874 | 266  | 684446   | 88.758  | ng    | 99       |
| 71) Phenanthrene              | 17.268 | 178  | 2510671  | 49.471  | ng    | 100      |
| 72) Anthracene                | 17.357 | 178  | 2545126  | 50.706  | ng    | 100      |
| 73) Carbazole                 | 17.639 | 167  | 2321544  | 51.102  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.192 | 149  | 2865396  | 55.816  | ng    | 99       |
| 75) Fluoranthene              | 19.292 | 202  | 2970676  | 52.101  | ng    | 99       |
| 77) Benzidine                 | 19.492 | 184  | 1280374  | 125.537 | ng    | 99       |
| 78) Pyrene                    | 19.656 | 202  | 3014602  | 57.608  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.562 | 149  | 1323968  | 69.282  | ng    | 93       |
| 81) Benzo(a)anthracene        | 21.415 | 228  | 2734522  | 53.905  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.350 | 252  | 918132   | 55.466  | ng    | 100      |
| 83) Chrysene                  | 21.468 | 228  | 2449423  | 49.920  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.333 | 149  | 1931511  | 62.819  | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.250 | 149  | 3144453  | 65.107  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.262 | 276  | 2629479  | 48.028  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.086 | 252  | 2425497  | 54.829  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.133 | 252  | 2397323  | 52.978  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.697 | 252  | 2100392  | 49.414  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.274 | 278  | 2212993  | 48.461  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.015 | 276  | 2068849  | 46.301  | ng    | 97       |

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

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QLast Update : Wed Aug 02 19:20:51 2023  
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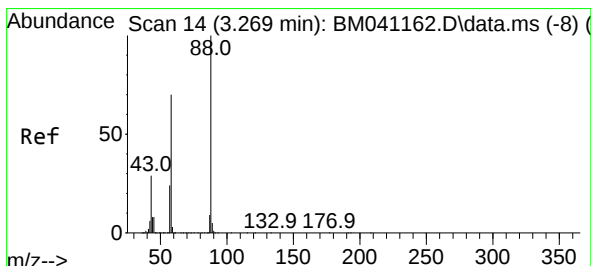
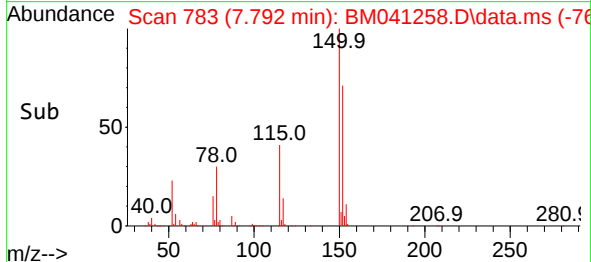
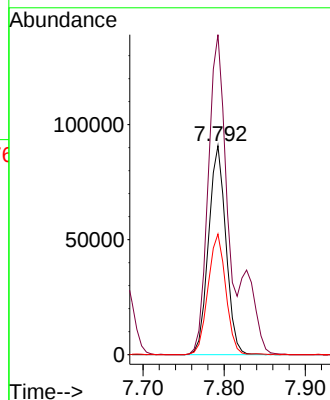
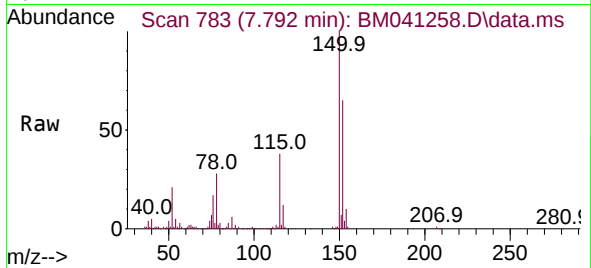




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.792 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

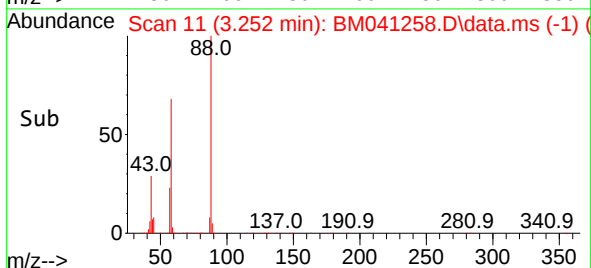
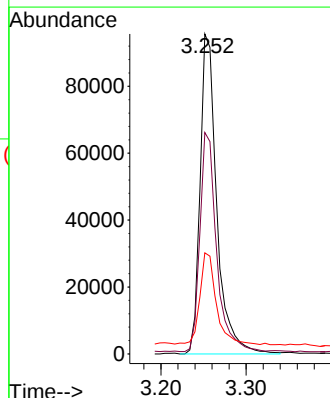
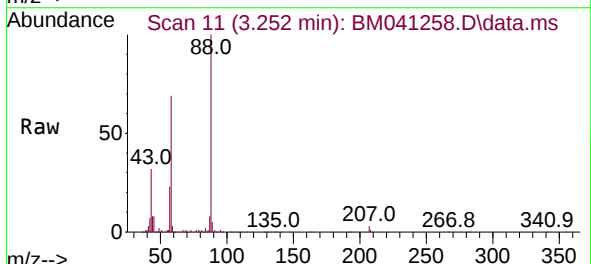
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

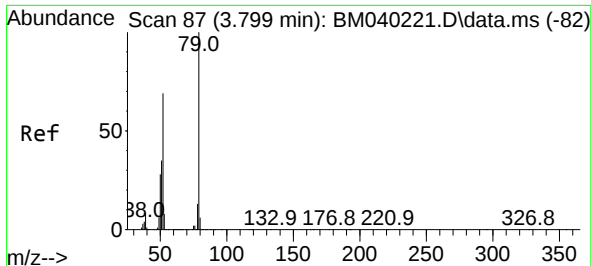
Tgt Ion:152 Resp: 135184  
Ion Ratio Lower Upper  
152 100  
150 153.2 125.5 188.3  
115 57.7 48.0 72.0



#2  
1,4-Dioxane  
Concen: 33.680 ng  
RT: 3.252 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion: 88 Resp: 130317  
Ion Ratio Lower Upper  
88 100  
58 68.2 58.2 87.4  
43 28.1 24.4 36.6

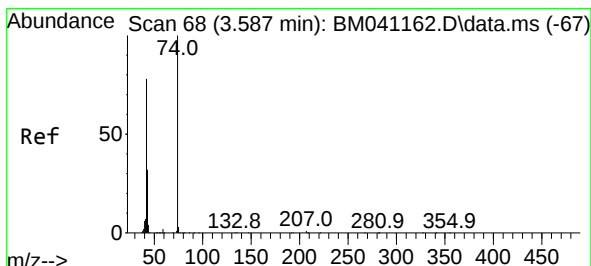
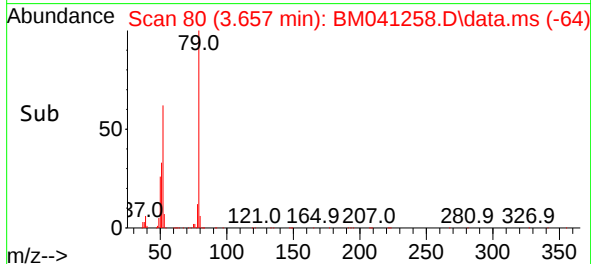
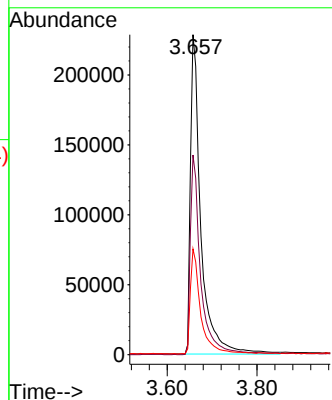
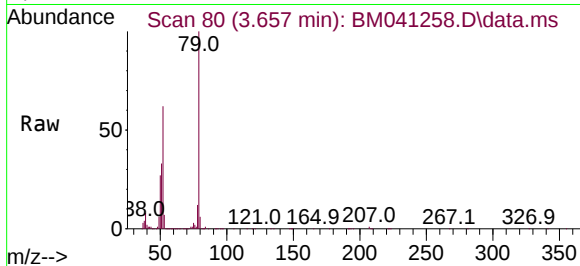




#3  
 Pyridine  
 Concen: 36.385 ng  
 RT: 3.657 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BM041258.D  
 Acq: 03 Aug 2023 12:16

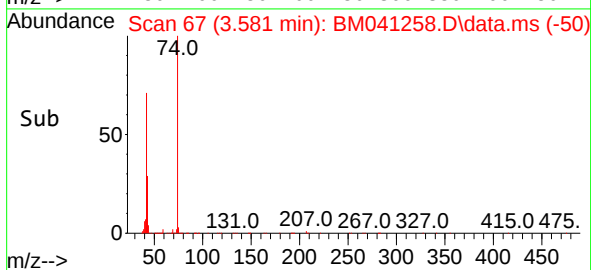
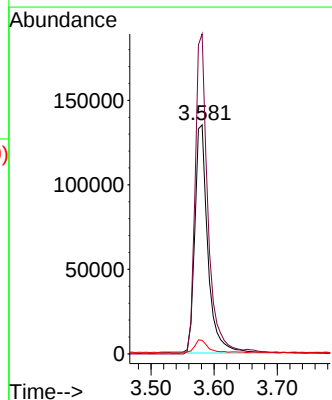
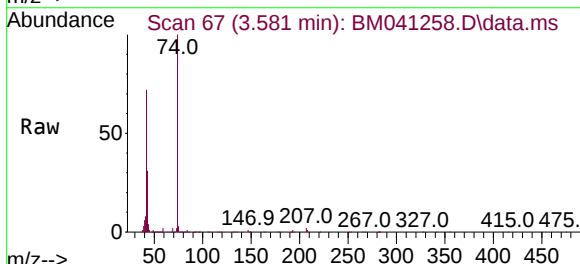
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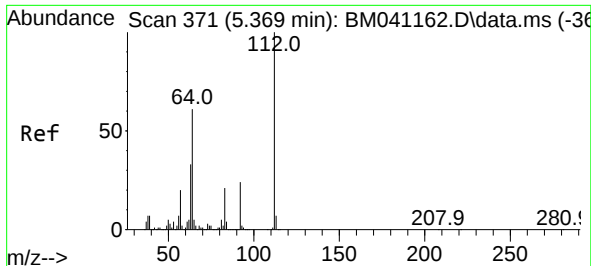
Tgt Ion: 79 Resp: 370174  
 Ion Ratio Lower Upper  
 79 100  
 52 62.4 52.1 78.1  
 51 33.0 27.5 41.3



#4  
 n-Nitrosodimethylamine  
 Concen: 41.307 ng  
 RT: 3.581 min Scan# 67  
 Delta R.T. -0.000 min  
 Lab File: BM041258.D  
 Acq: 03 Aug 2023 12:16

Tgt Ion: 42 Resp: 194364  
 Ion Ratio Lower Upper  
 42 100  
 74 139.7 100.8 151.2  
 44 5.9 5.0 7.4

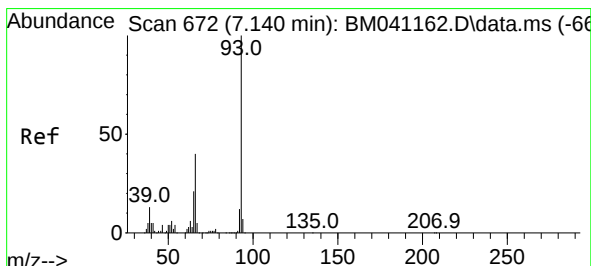
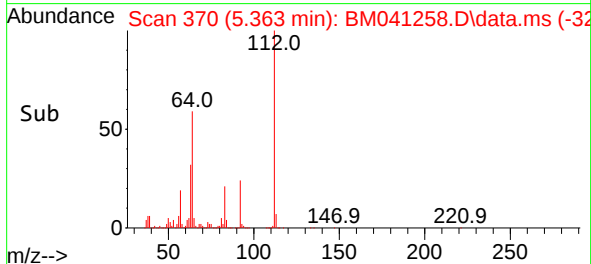
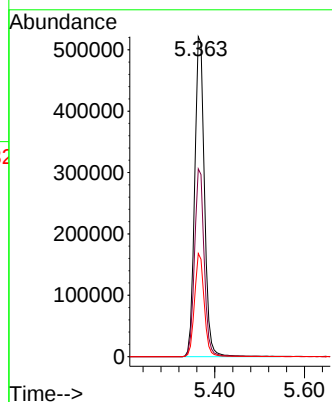
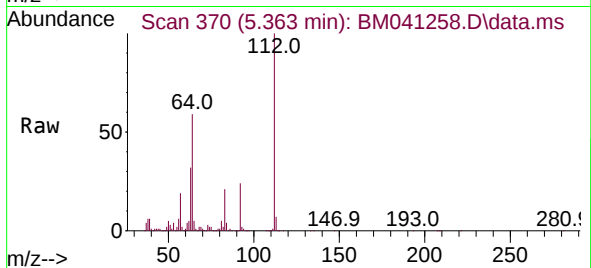




#5  
2-Fluorophenol  
Concen: 86.891 ng  
RT: 5.363 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

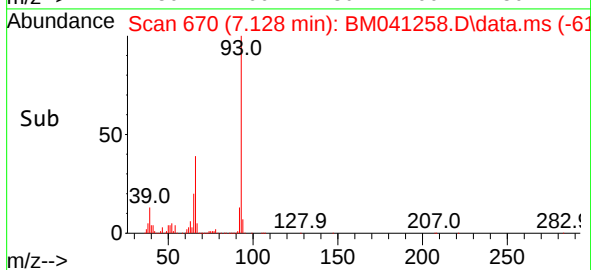
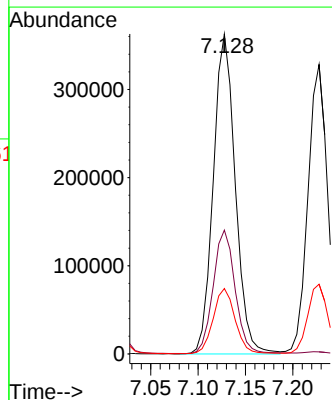
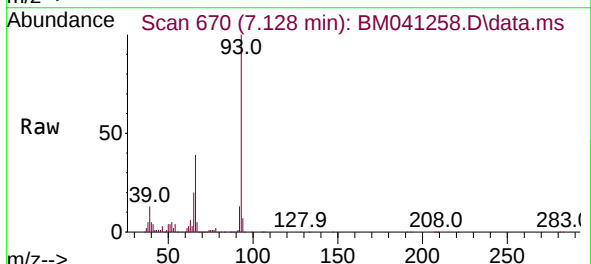
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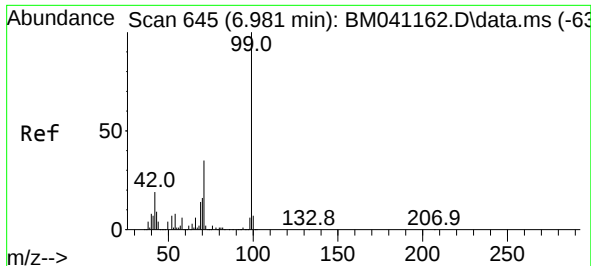
Tgt Ion:112 Resp: 785922  
Ion Ratio Lower Upper  
112 100  
64 58.7 48.5 72.7  
63 32.2 26.5 39.7



#6  
Aniline  
Concen: 42.696 ng  
RT: 7.128 min Scan# 670  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion: 93 Resp: 585827  
Ion Ratio Lower Upper  
93 100  
66 38.7 32.0 48.0  
65 20.4 16.6 24.8

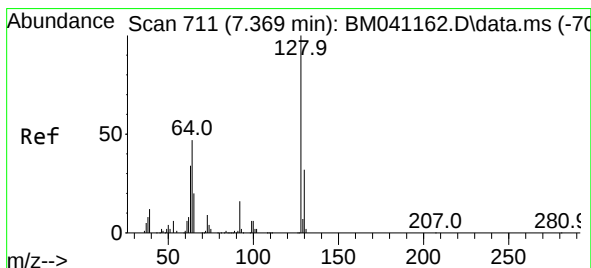
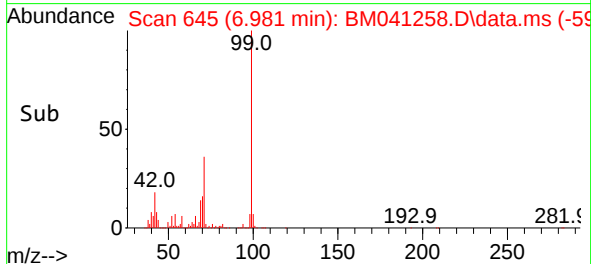
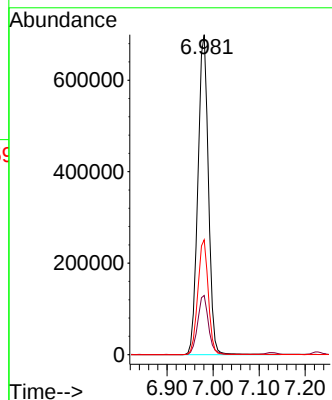
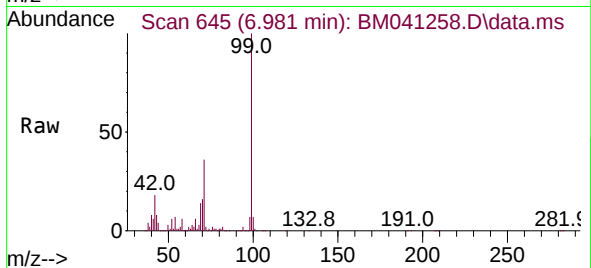




#7  
Phenol-d6  
Concen: 94.062 ng  
RT: 6.981 min Scan# 645  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

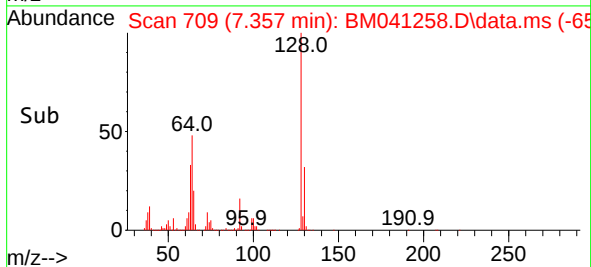
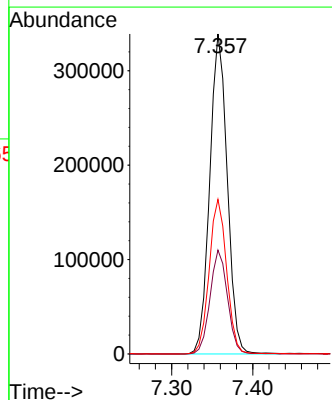
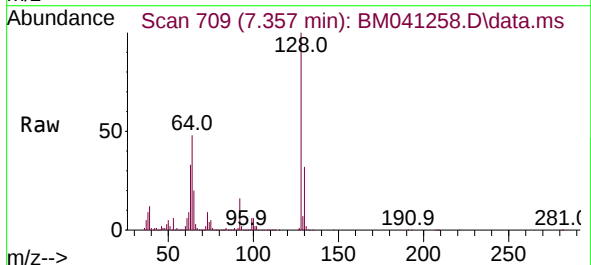
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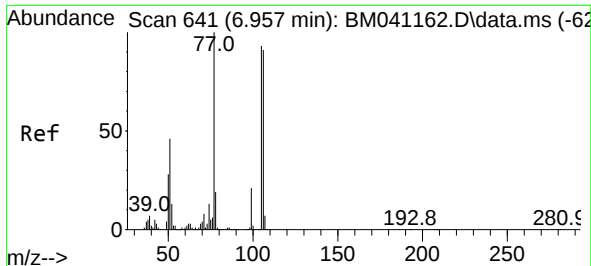
Tgt Ion: 99 Resp: 1102818  
Ion Ratio Lower Upper  
99 100  
42 18.5 15.4 23.0  
71 35.9 28.2 42.4



#8  
2-Chlorophenol  
Concen: 57.631 ng  
RT: 7.357 min Scan# 709  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion: 128 Resp: 508879  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.3 52.3  
64 48.3 29.3 69.3

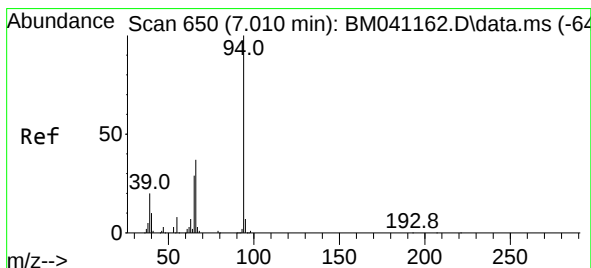
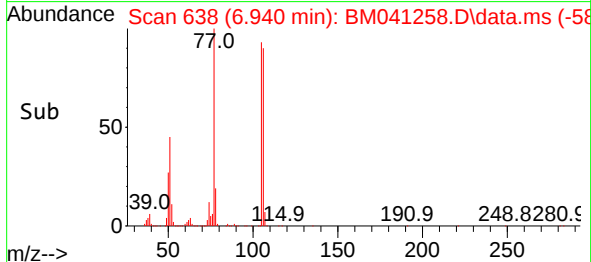
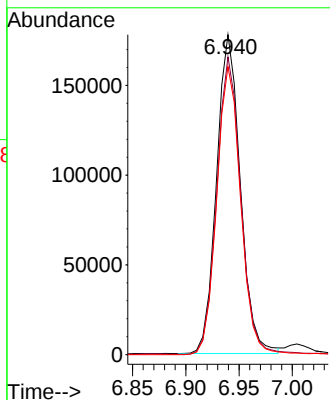
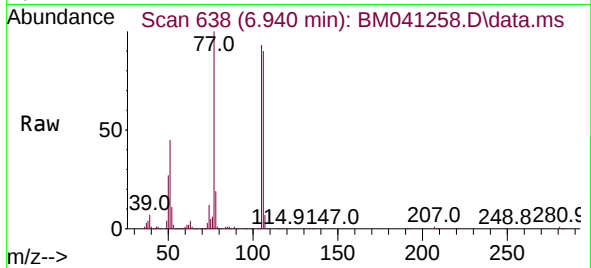




#9  
Benzaldehyde  
Concen: 44.699 ng  
RT: 6.940 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

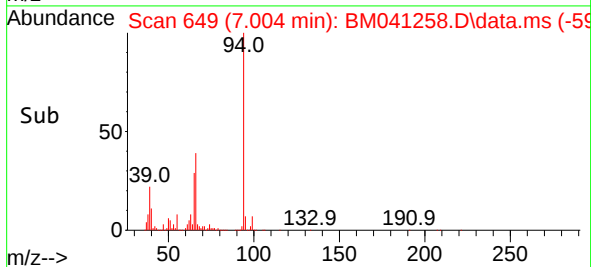
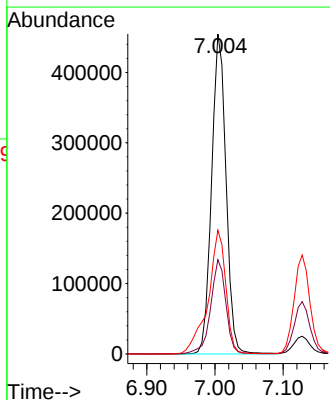
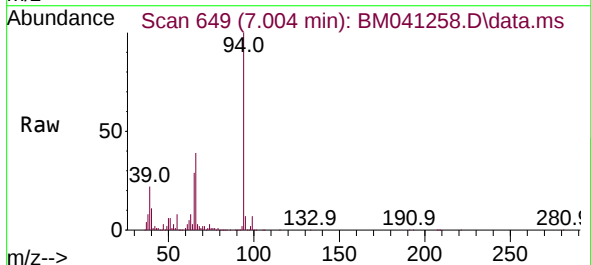
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

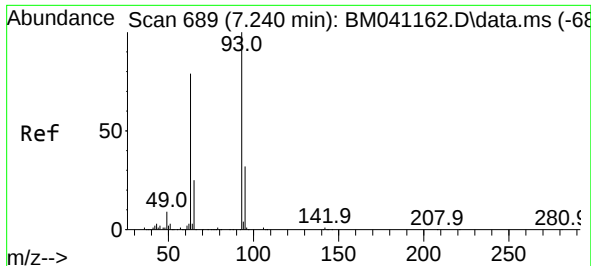
Tgt Ion: 77 Resp: 276532  
Ion Ratio Lower Upper  
77 100  
105 93.0 72.8 112.8  
106 90.0 70.8 110.8



#10  
Phenol  
Concen: 58.708 ng  
RT: 7.004 min Scan# 649  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion: 94 Resp: 664799  
Ion Ratio Lower Upper  
94 100  
65 29.4 9.5 49.5  
66 38.6 18.0 58.0

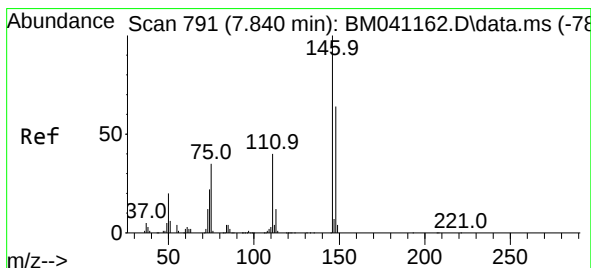
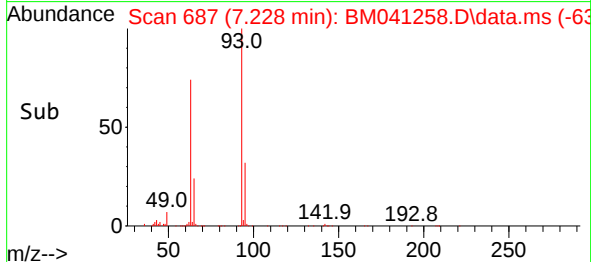
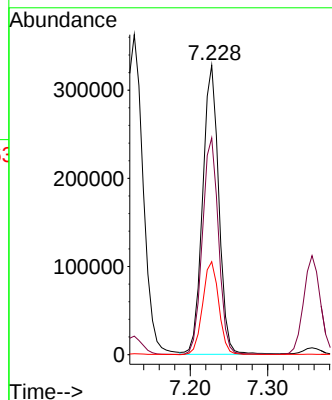
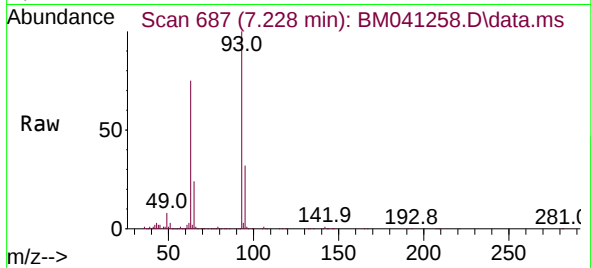




#11  
bis(2-Chloroethyl)ether  
Concen: 51.903 ng  
RT: 7.228 min Scan# 687  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

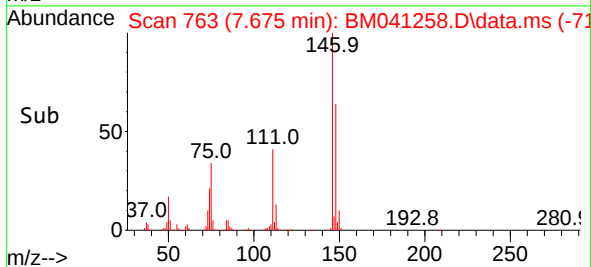
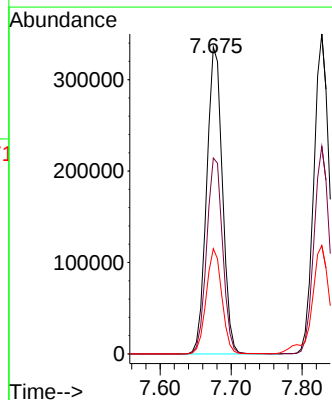
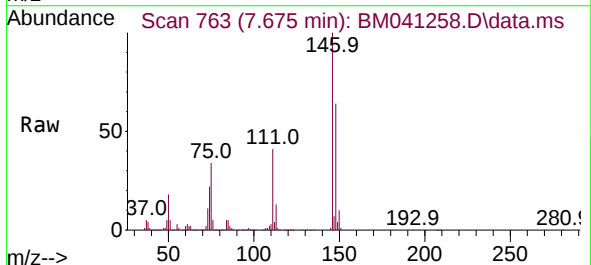
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

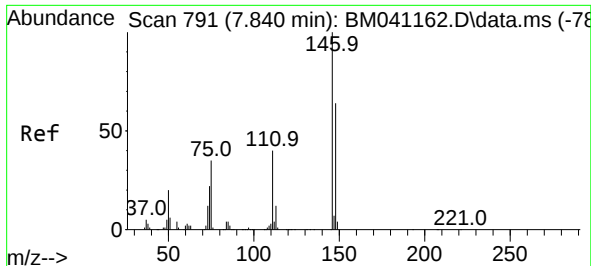
Tgt Ion: 93 Resp: 475752  
Ion Ratio Lower Upper  
93 100  
63 74.9 58.8 98.8  
95 32.1 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 53.623 ng  
RT: 7.675 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion: 146 Resp: 515412  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.9 77.9  
75 34.3 28.3 42.5

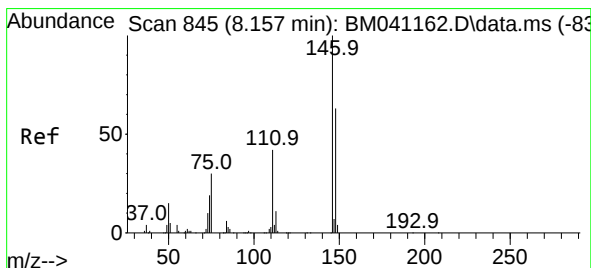
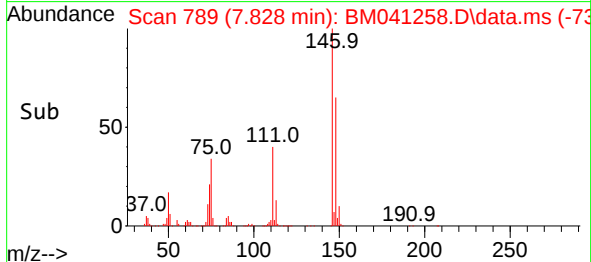
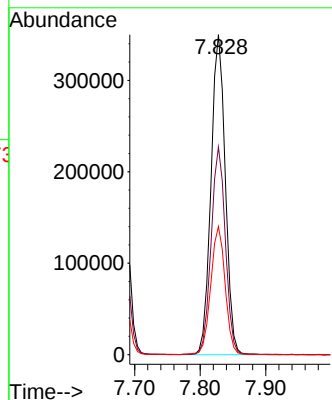
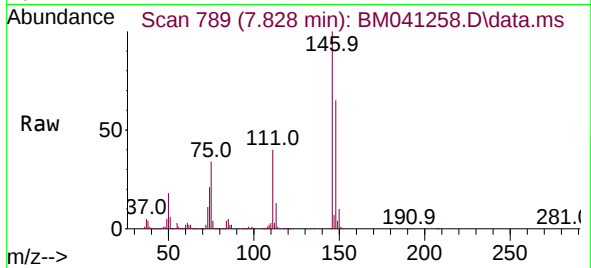




#13  
1,4-Dichlorobenzene  
Concen: 54.923 ng  
RT: 7.828 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

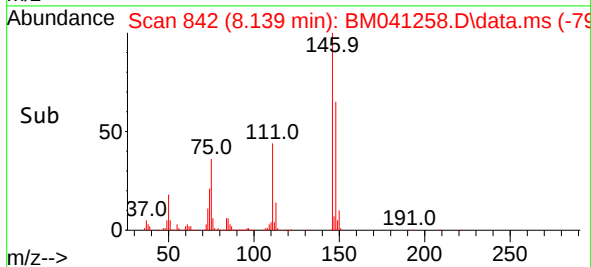
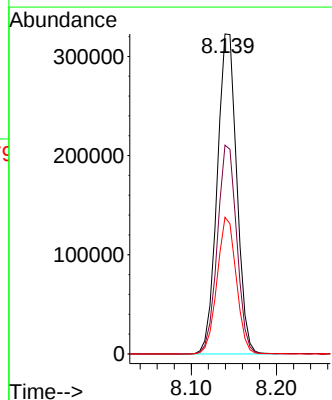
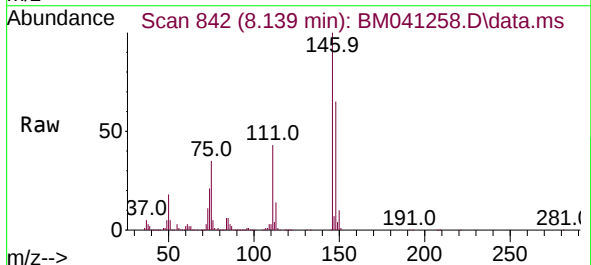
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

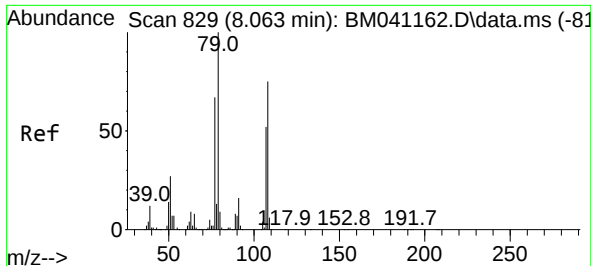
Tgt Ion:146 Resp: 530607  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.4 77.0  
111 40.0 32.4 48.6



#14  
1,2-Dichlorobenzene  
Concen: 55.472 ng  
RT: 8.139 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:146 Resp: 513846  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.9 76.3  
111 42.7 33.8 50.6

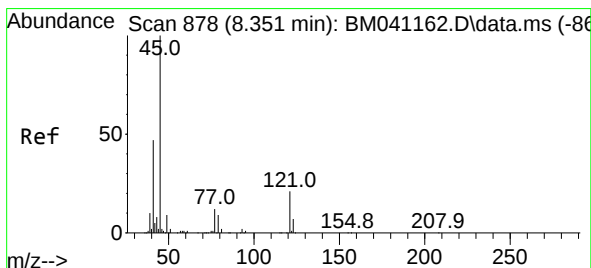
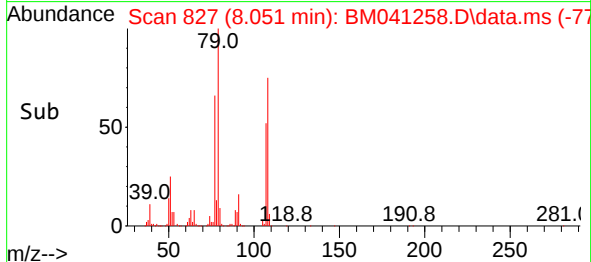
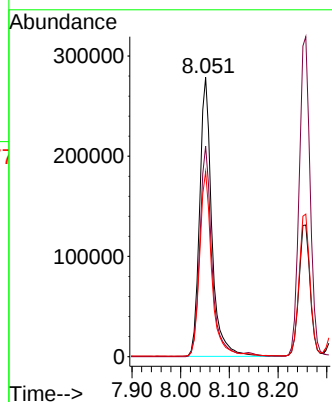
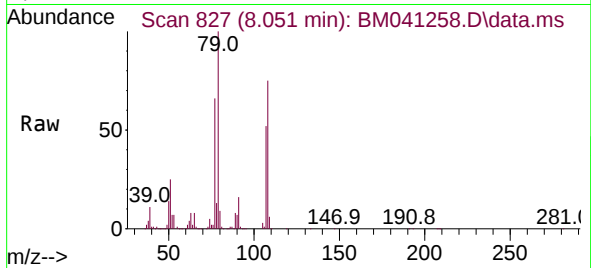




#15  
Benzyl Alcohol  
Concen: 65.076 ng  
RT: 8.051 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

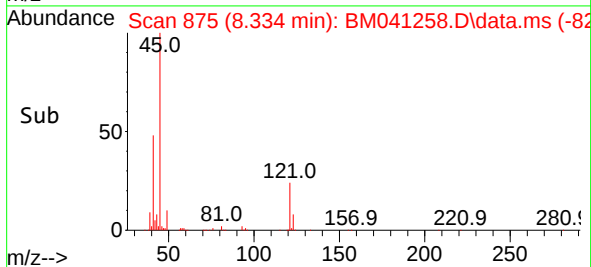
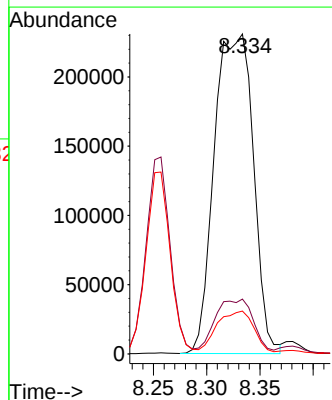
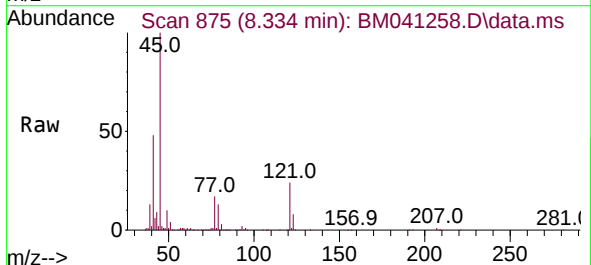
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

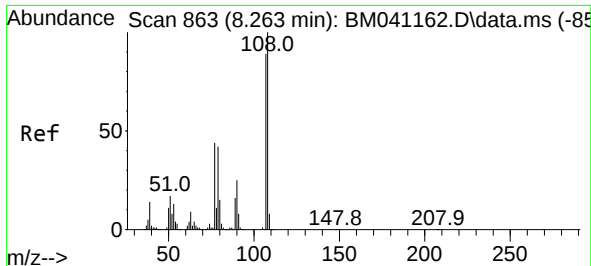
Tgt Ion: 79 Resp: 481830  
Ion Ratio Lower Upper  
79 100  
108 75.4 59.8 89.8  
77 66.2 53.8 80.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.092 ng  
RT: 8.334 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion: 45 Resp: 587348  
Ion Ratio Lower Upper  
45 100  
77 17.1 0.0 34.5  
79 13.4 0.0 32.1





#17

2-Methylphenol

Concen: 57.372 ng

RT: 8.257 min Scan# 862

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

Tgt Ion:107 Resp: 443847

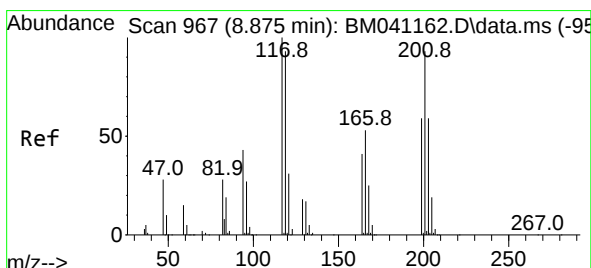
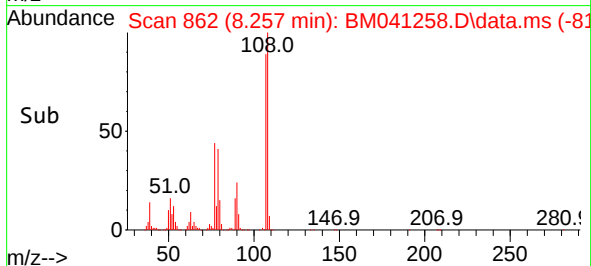
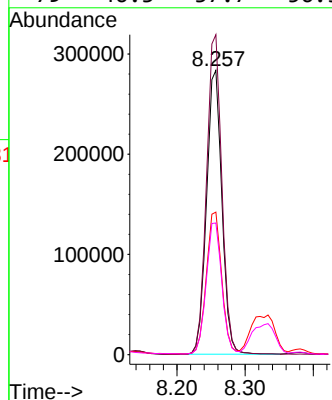
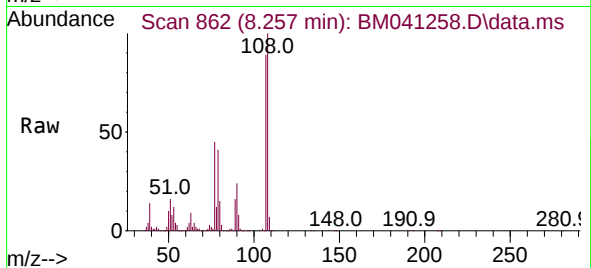
Ion Ratio Lower Upper

107 100

108 112.6 89.9 134.9

77 50.1 39.8 59.8

79 46.3 37.7 56.5



#18

Hexachloroethane

Concen: 48.322 ng

RT: 8.863 min Scan# 965

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

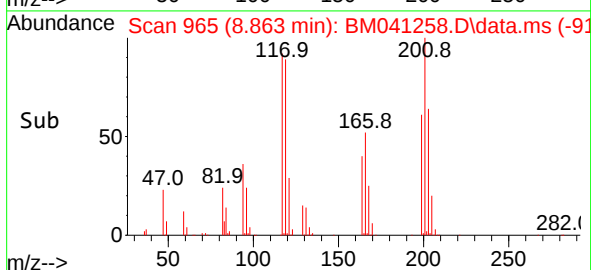
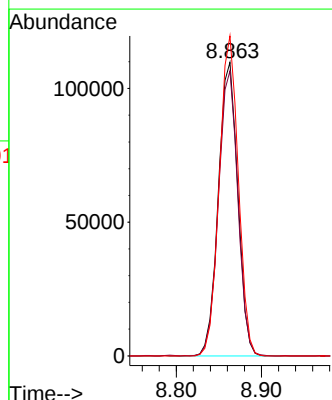
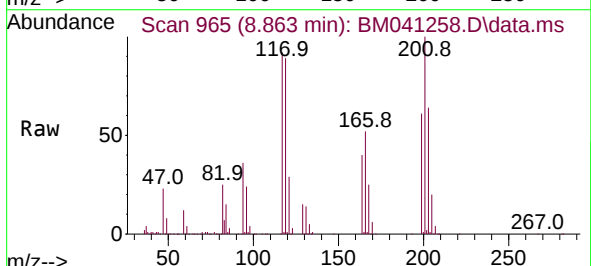
Tgt Ion:117 Resp: 173800

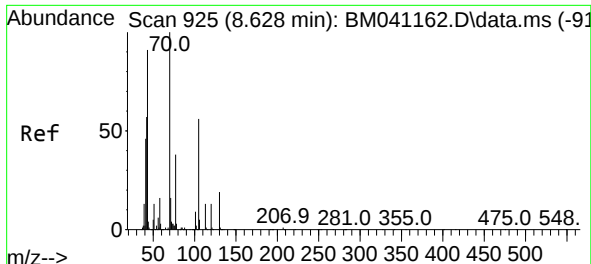
Ion Ratio Lower Upper

117 100

119 97.1 74.2 111.4

201 109.0 74.5 111.7

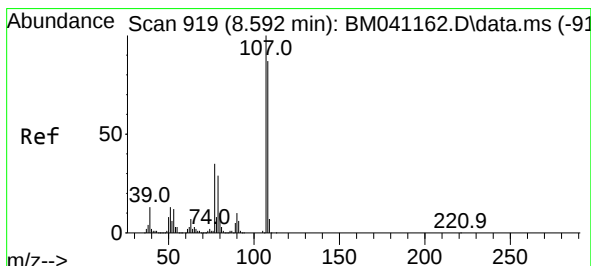
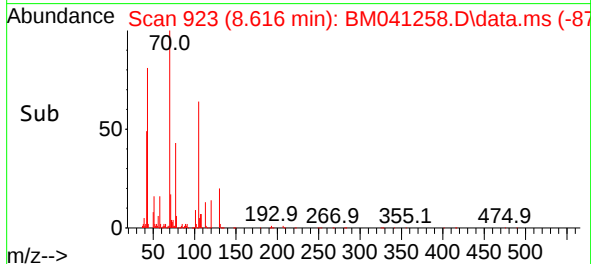
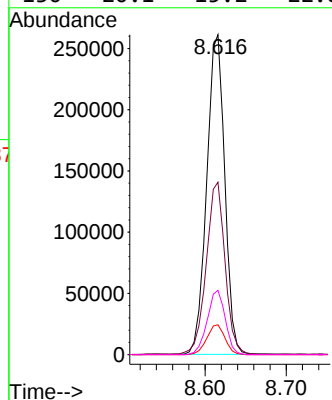
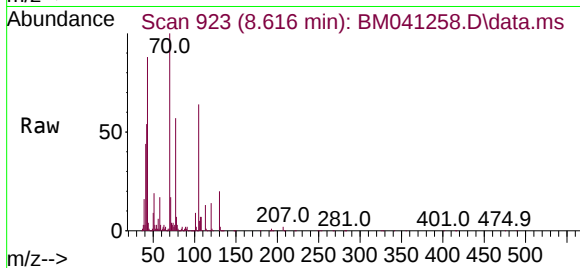




#19  
n-Nitroso-di-n-propylamine  
Concen: 56.539 ng  
RT: 8.616 min Scan# 918  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

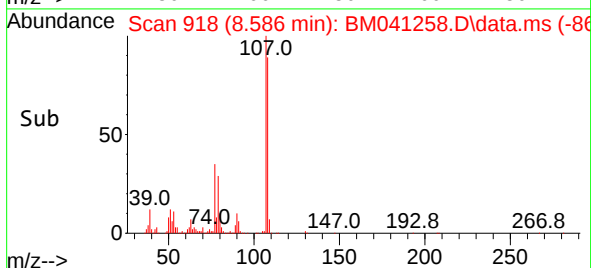
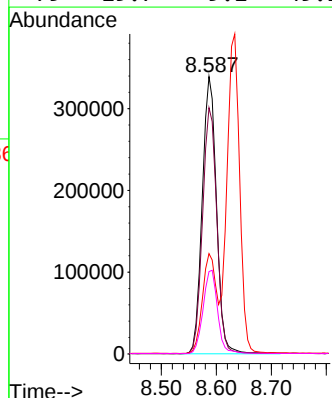
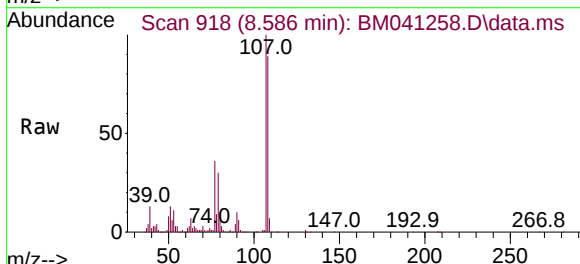
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

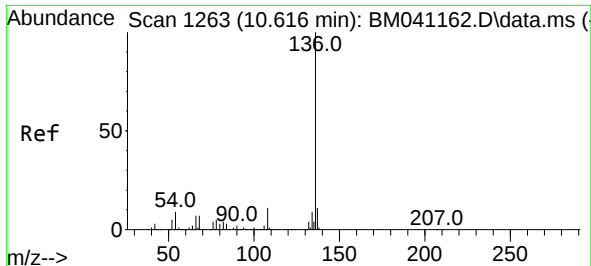
Tgt Ion: 70 Resp: 402632  
Ion Ratio Lower Upper  
70 100  
42 53.9 45.8 68.8  
101 9.3 7.4 11.0  
130 20.1 15.2 22.8



#20  
3+4-Methylphenols  
Concen: 58.978 ng  
RT: 8.586 min Scan# 918  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion: 107 Resp: 610068  
Ion Ratio Lower Upper  
107 100  
108 88.7 67.2 107.2  
77 36.1 15.4 55.4  
79 29.7 9.2 49.2

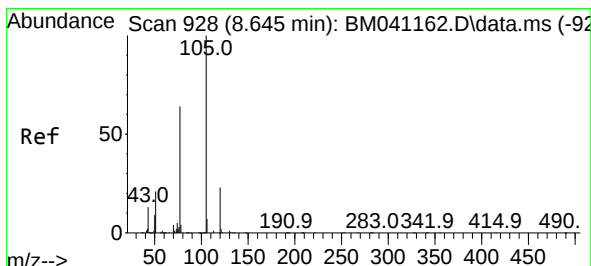
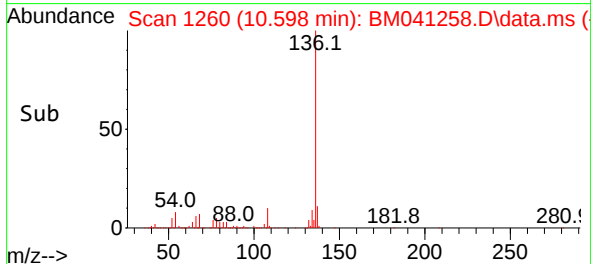
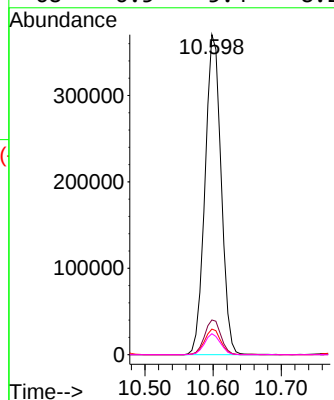
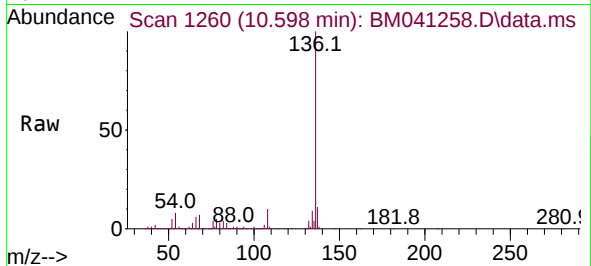




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.598 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

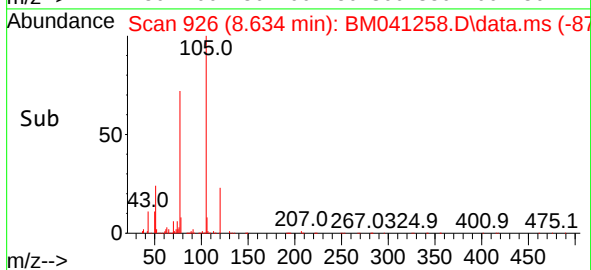
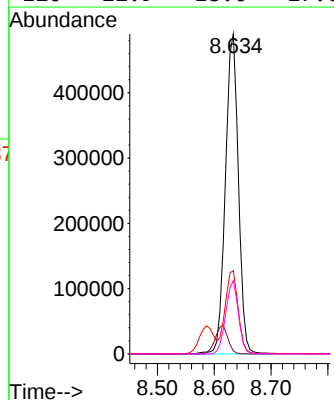
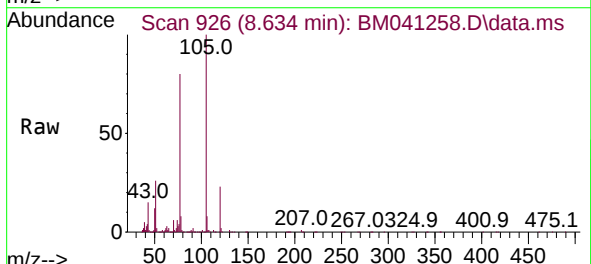
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

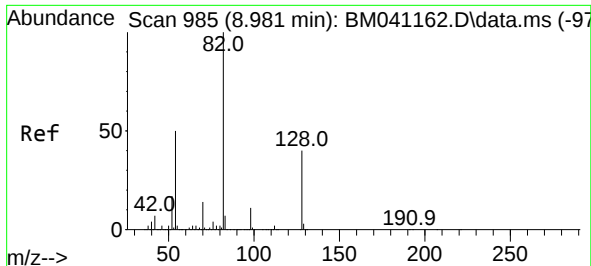
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 606972 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.8   | 13.2   |
| 54       | 8.0   | 6.9   | 10.3   |
| 68       | 6.5   | 5.4   | 8.2    |



#22  
Acetophenone  
Concen: 48.317 ng  
RT: 8.634 min Scan# 926  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 776715 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.9   | 1.2   | 1.8    |
| 51       | 26.0  | 22.0  | 33.0   |
| 120      | 22.9  | 18.0  | 27.0   |

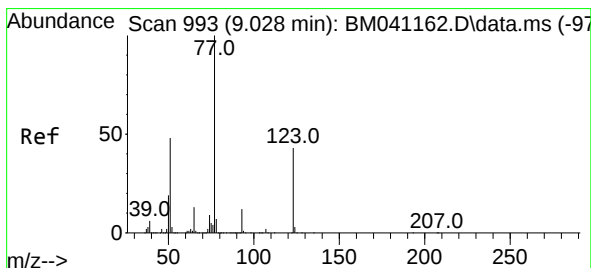
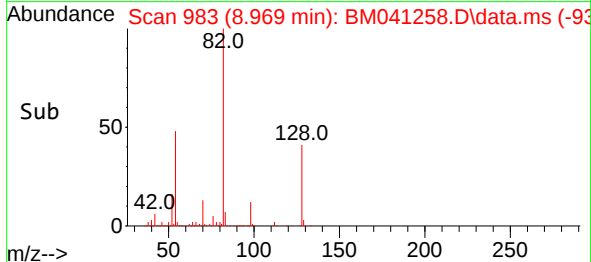
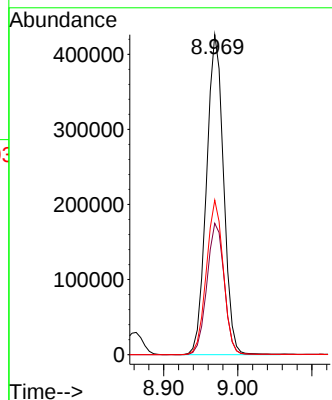
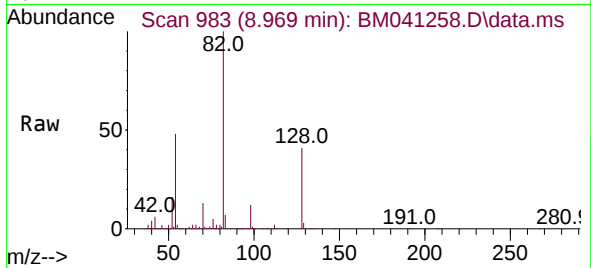




#23  
Nitrobenzene-d5  
Concen: 52.267 ng  
RT: 8.969 min Scan# 985  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

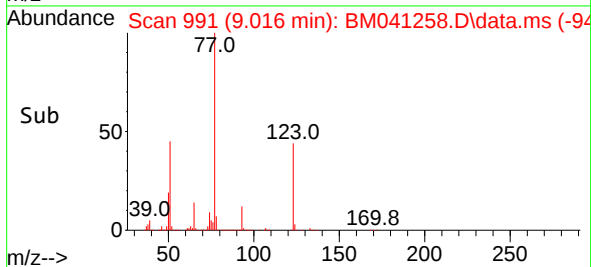
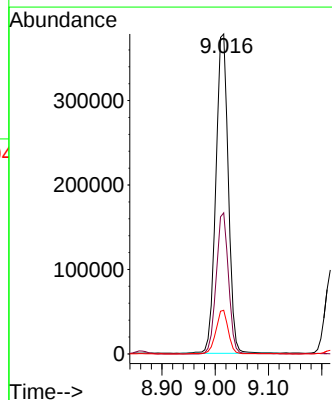
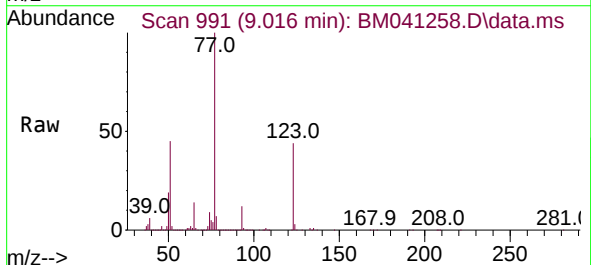
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

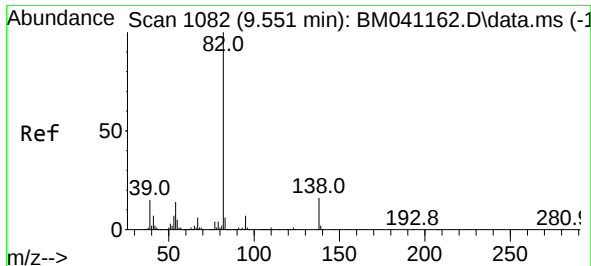
Tgt Ion: 82 Resp: 682186  
Ion Ratio Lower Upper  
82 100  
128 41.0 31.8 47.6  
54 48.3 40.1 60.1



#24  
Nitrobenzene  
Concen: 46.489 ng  
RT: 9.016 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion: 77 Resp: 613618  
Ion Ratio Lower Upper  
77 100  
123 44.1 34.2 51.2  
65 13.6 10.7 16.1

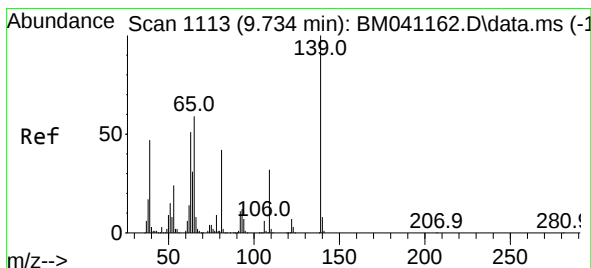
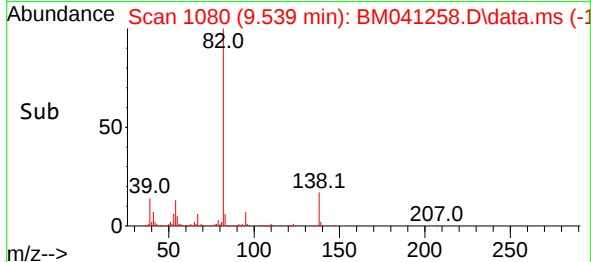
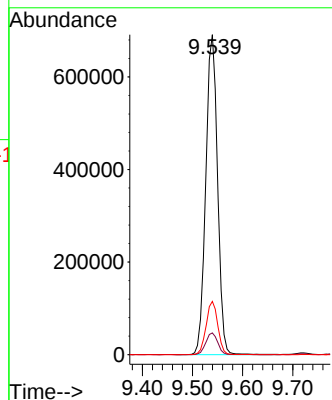
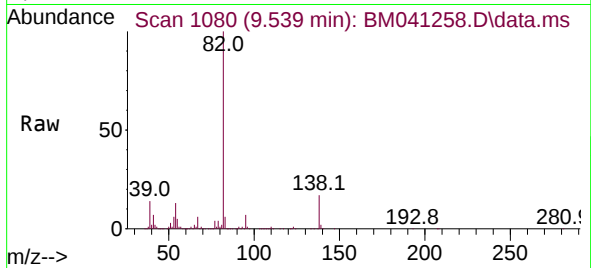




#25  
Isophorone  
Concen: 50.803 ng  
RT: 9.539 min Scan# 1080  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

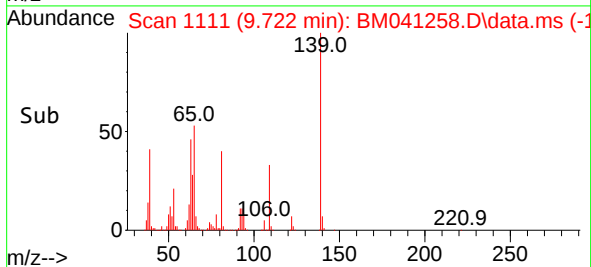
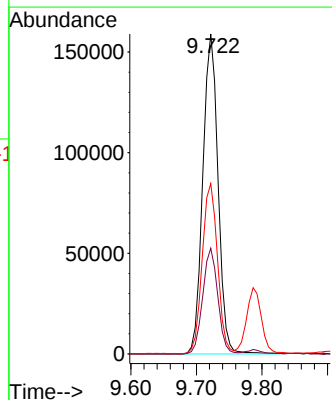
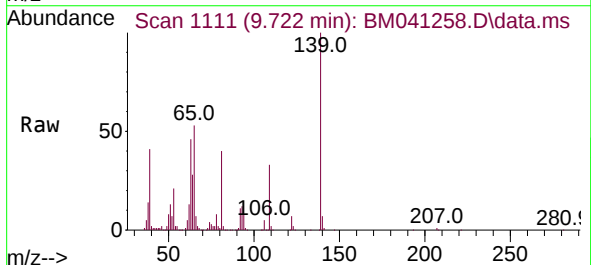
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

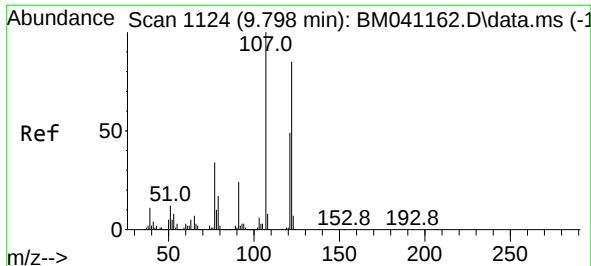
Tgt Ion: 82 Resp: 1125586  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.3 7.9  
138 16.6 12.8 19.2



#26  
2-Nitrophenol  
Concen: 49.514 ng  
RT: 9.722 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion: 139 Resp: 255484  
Ion Ratio Lower Upper  
139 100  
109 33.0 25.4 38.2  
65 53.2 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 49.136 ng

RT: 9.786 min Scan# 1124

Delta R.T. -0.006 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

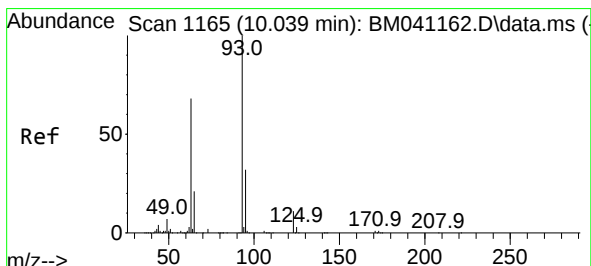
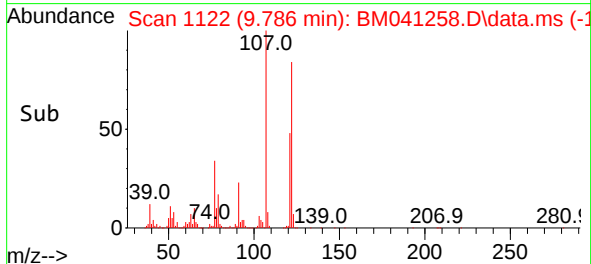
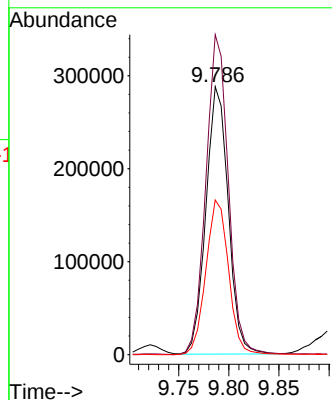
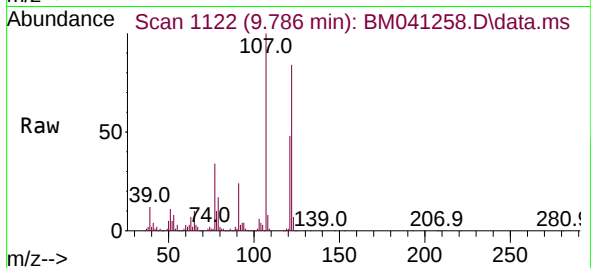
Tgt Ion:122 Resp: 446133

Ion Ratio Lower Upper

122 100

107 119.4 94.3 141.5

121 57.7 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.581 ng

RT: 10.022 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

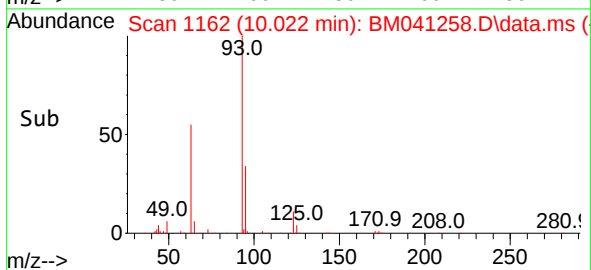
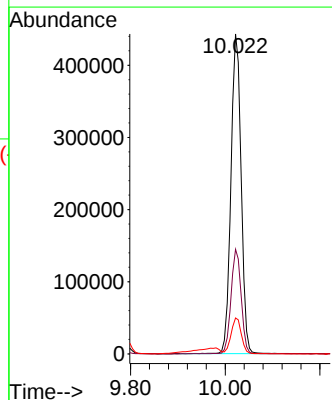
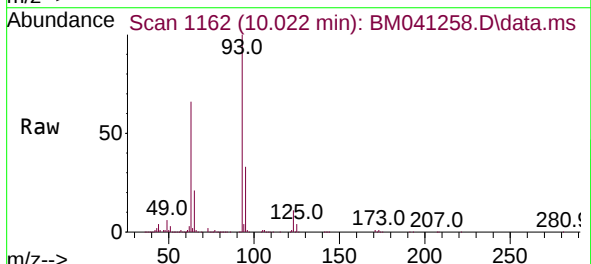
Tgt Ion: 93 Resp: 660342

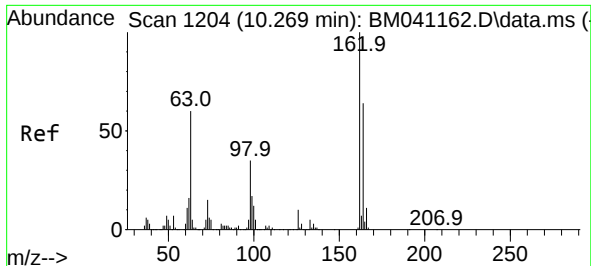
Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 57.505 ng

RT: 10.257 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

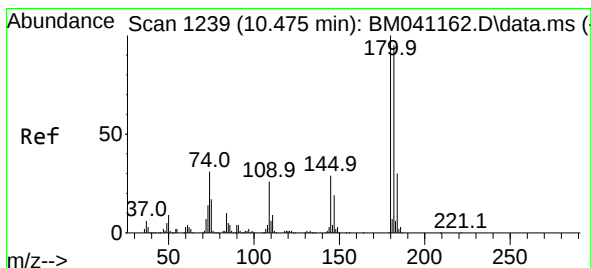
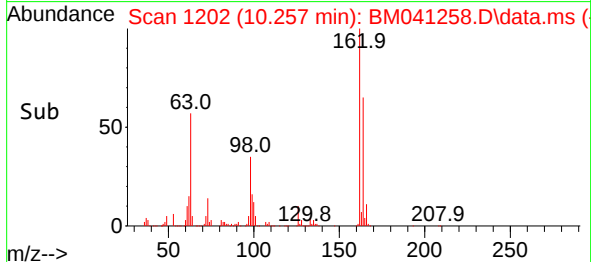
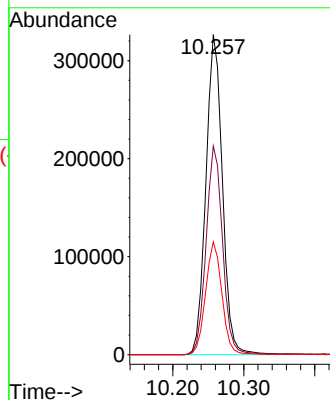
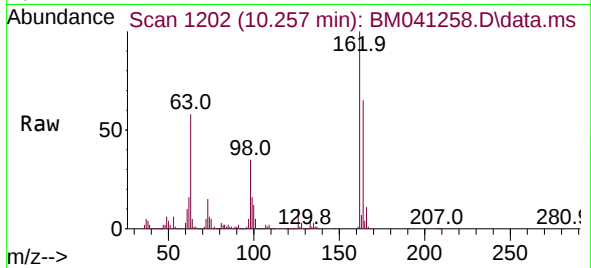
Tgt Ion:162 Resp: 526533

Ion Ratio Lower Upper

162 100

164 65.2 44.3 84.3

98 35.2 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 53.121 ng

RT: 10.463 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

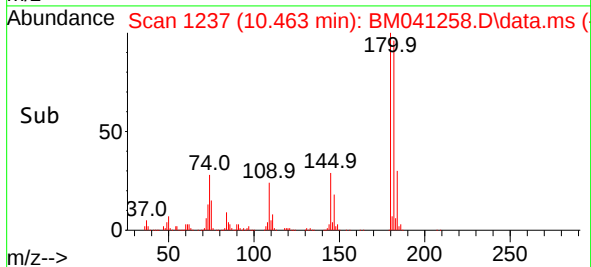
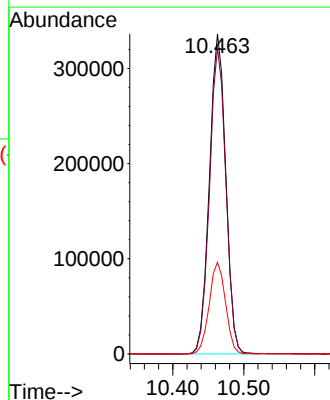
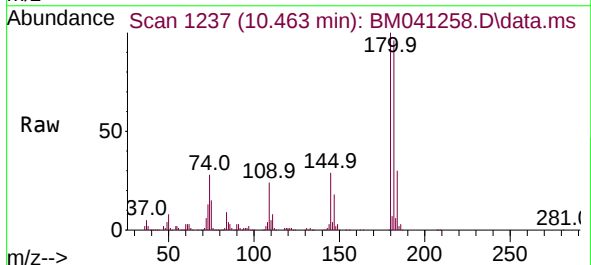
Tgt Ion:180 Resp: 537387

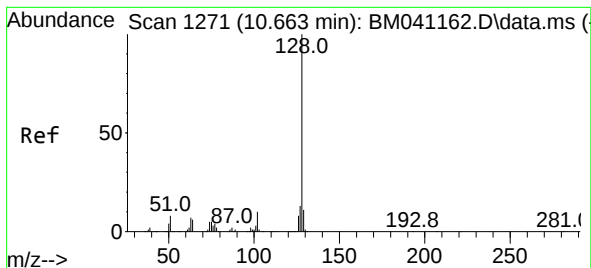
Ion Ratio Lower Upper

180 100

182 95.6 75.9 113.9

145 28.6 23.6 35.4

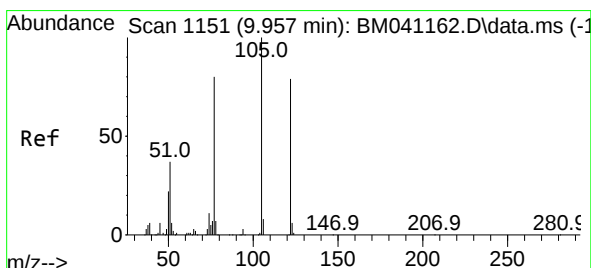
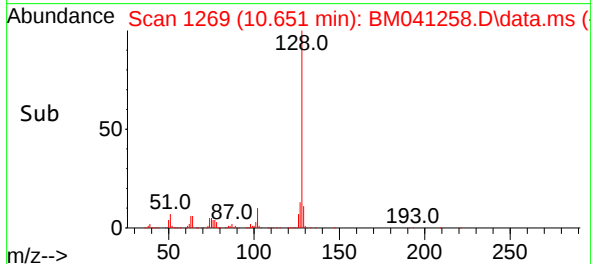
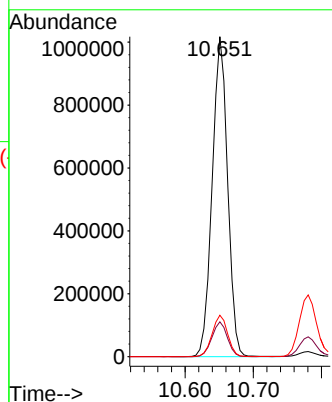
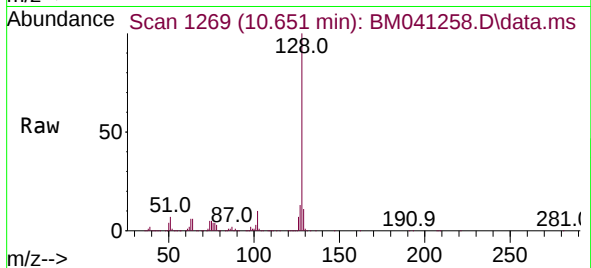




#31  
Naphthalene  
Concen: 48.390 ng  
RT: 10.651 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

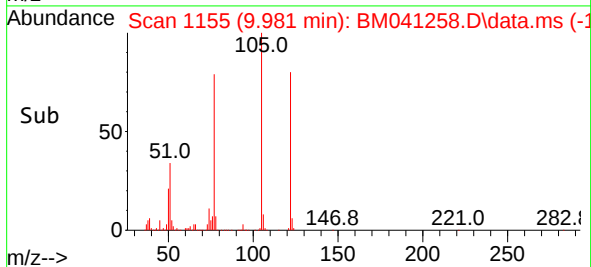
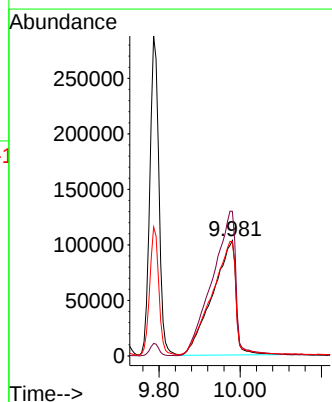
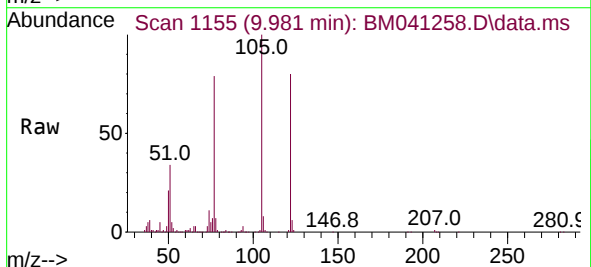
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

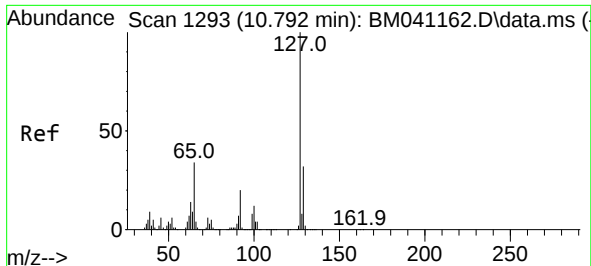
Tgt Ion:128 Resp: 1593842  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.4  
127 12.9 10.5 15.7



#32  
Benzoic acid  
Concen: 58.458 ng  
RT: 9.981 min Scan# 1155  
Delta R.T. 0.023 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:122 Resp: 411132  
Ion Ratio Lower Upper  
122 100  
105 125.4 104.0 144.0  
77 99.3 79.9 119.9

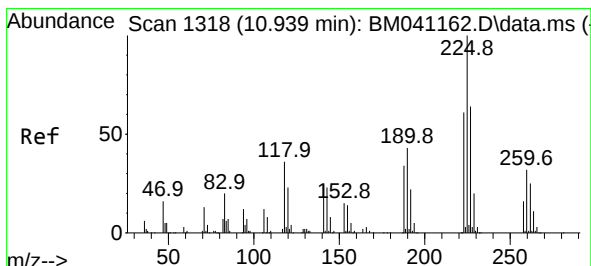
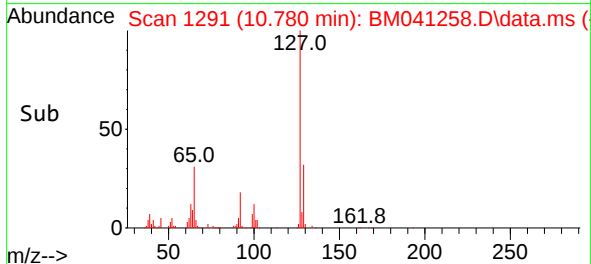
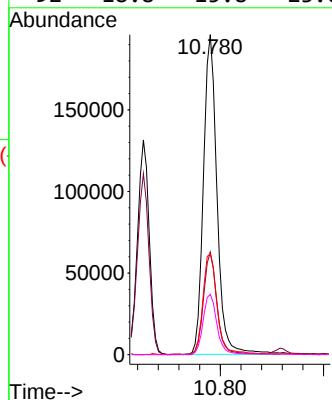
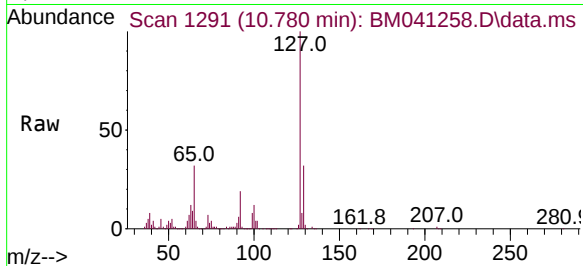




#33  
4-Chloroaniline  
Concen: 27.188 ng  
RT: 10.780 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

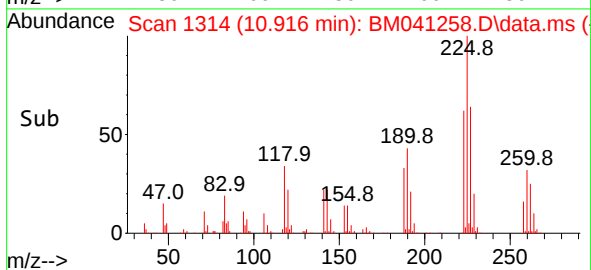
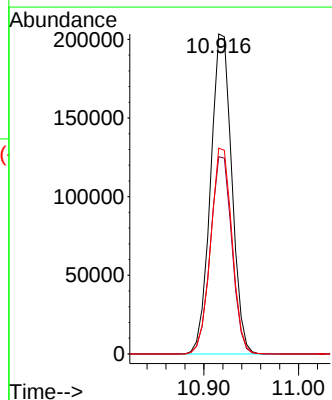
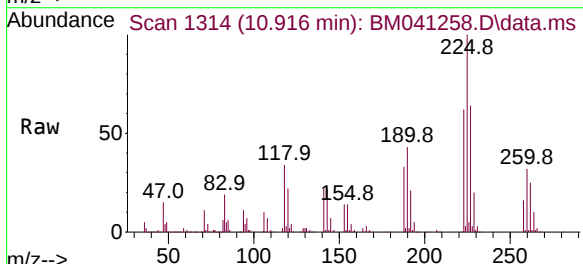
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

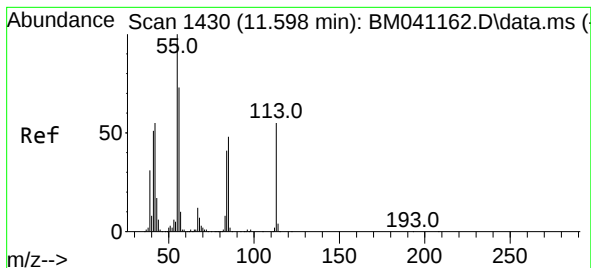
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 357874 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.9  | 38.9   |
| 65       | 31.6  | 26.9  | 40.3   |
| 92       | 18.8  | 15.8  | 23.6   |



#34  
Hexachlorobutadiene  
Concen: 52.131 ng  
RT: 10.916 min Scan# 1314  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 317181 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.6  | 49.0  | 73.4   |
| 227      | 64.3  | 50.8  | 76.2   |

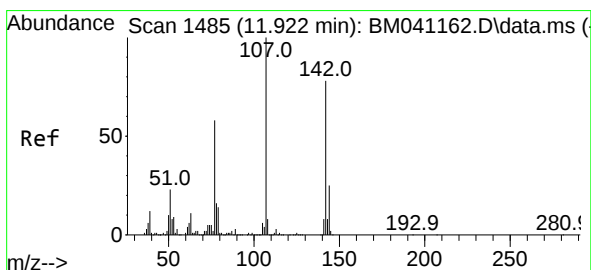
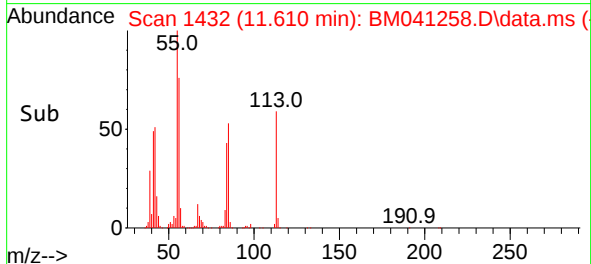
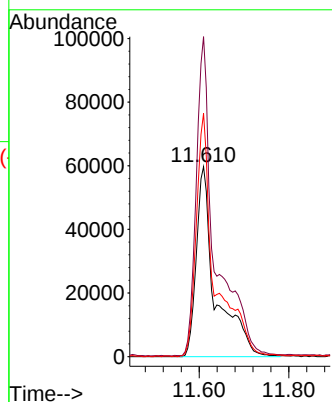
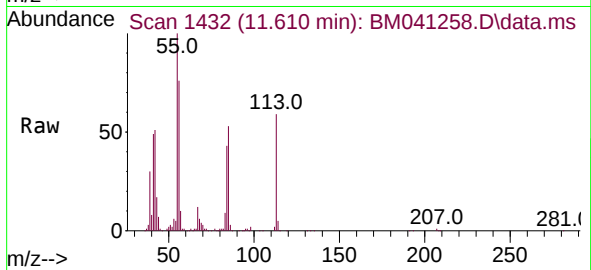




#35  
Caprolactam  
Concen: 67.460 ng  
RT: 11.610 min Scan# 1432  
Delta R.T. 0.012 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

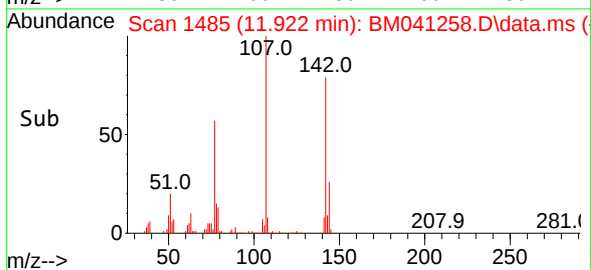
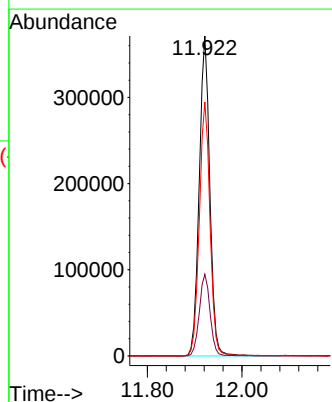
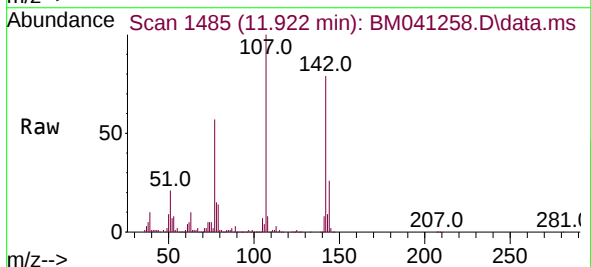
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

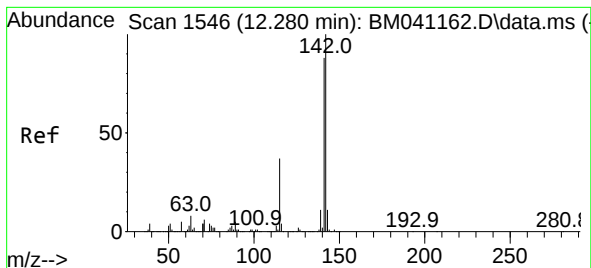
Tgt Ion:113 Resp: 178685  
Ion Ratio Lower Upper  
113 100  
55 168.5 162.5 202.5  
56 128.0 114.1 154.1



#36  
4-Chloro-3-methylphenol  
Concen: 59.808 ng  
RT: 11.922 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:107 Resp: 576385  
Ion Ratio Lower Upper  
107 100  
144 25.5 20.1 30.1  
142 79.3 62.2 93.4

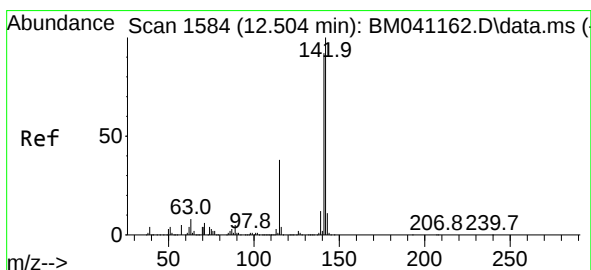
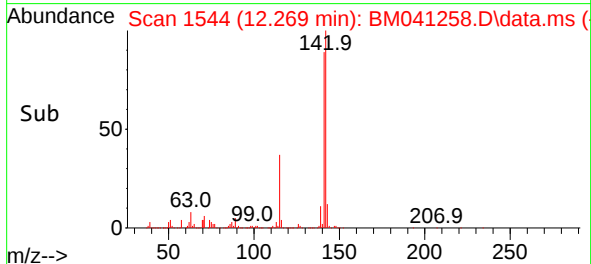
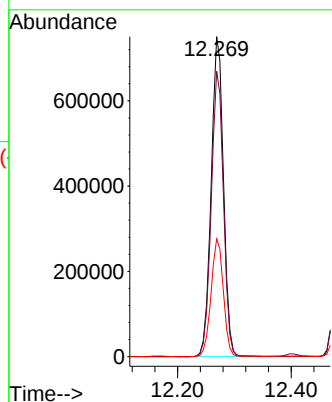
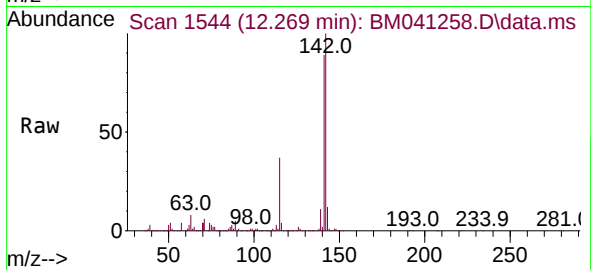




#37  
2-Methylnaphthalene  
Concen: 50.916 ng  
RT: 12.269 min Scan# 1544  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

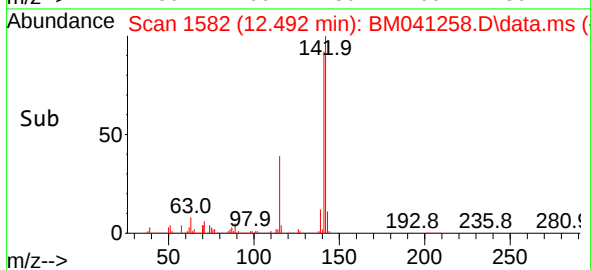
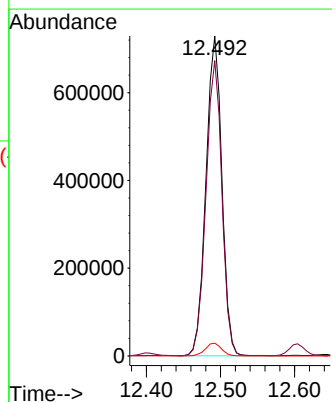
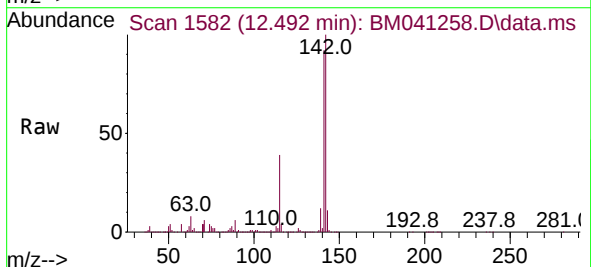
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

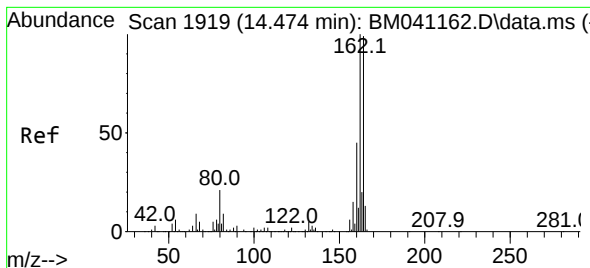
Tgt Ion:142 Resp: 1130634  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.7 106.1  
115 36.8 29.3 43.9



#38  
1-Methylnaphthalene  
Concen: 52.278 ng  
RT: 12.492 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:142 Resp: 1086529  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.4 110.2  
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

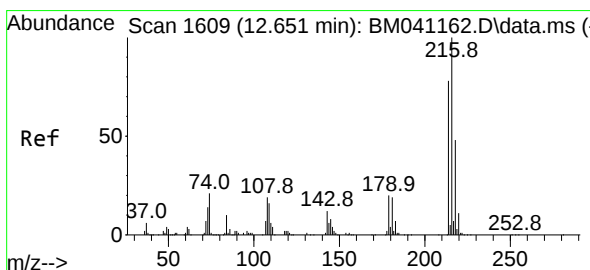
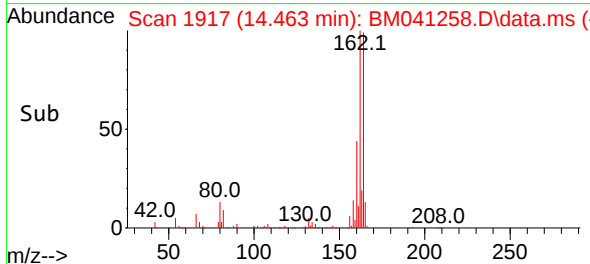
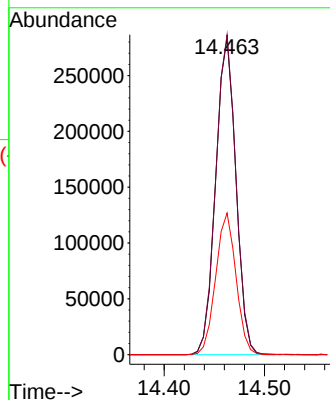
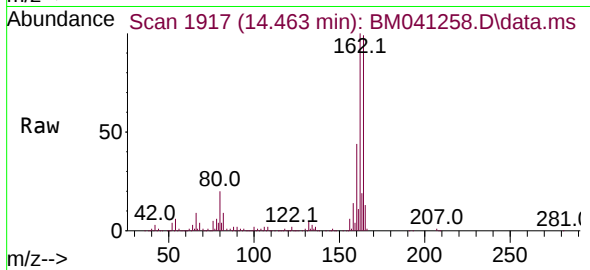
Tgt Ion:164 Resp: 397830

Ion Ratio Lower Upper

164 100

162 101.2 80.4 120.6

160 44.7 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.805 ng

RT: 12.639 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Tgt Ion:216 Resp: 630463

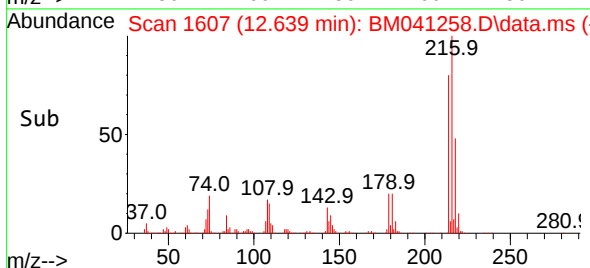
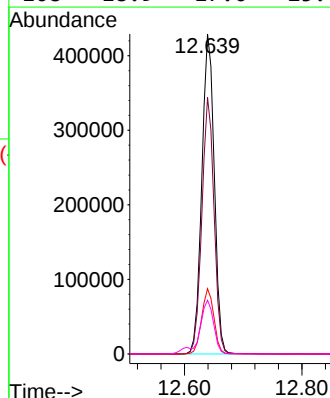
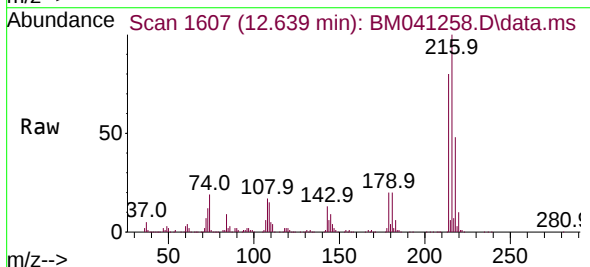
Ion Ratio Lower Upper

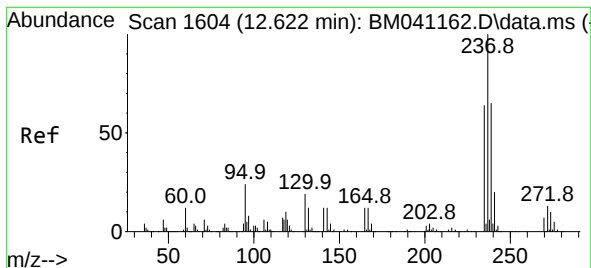
216 100

214 78.4 63.2 94.8

179 20.0 16.2 24.2

108 18.9 17.0 25.4

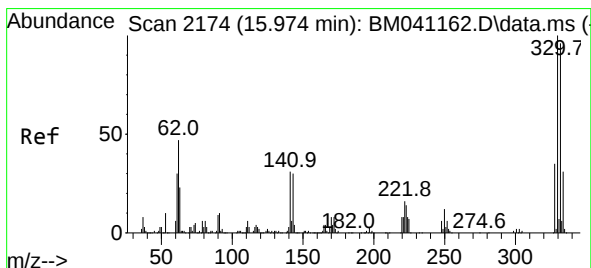
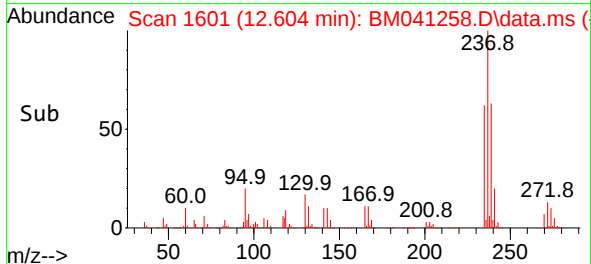
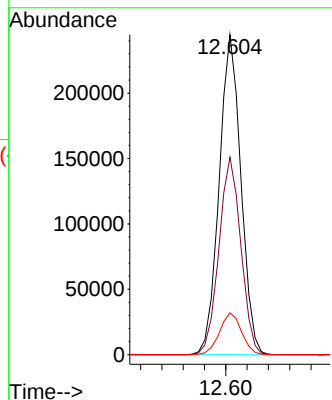
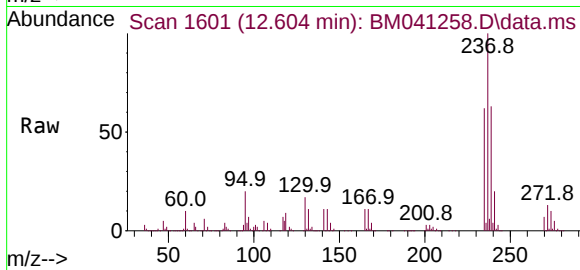




#41  
Hexachlorocyclopentadiene  
Concen: 50.720 ng  
RT: 12.604 min Scan# 1604  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

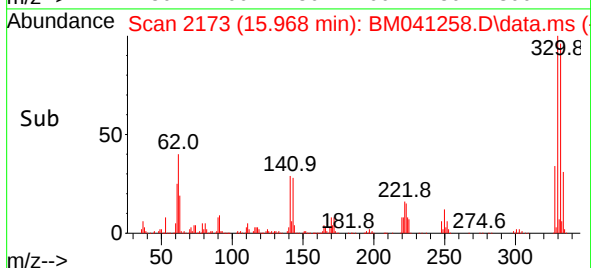
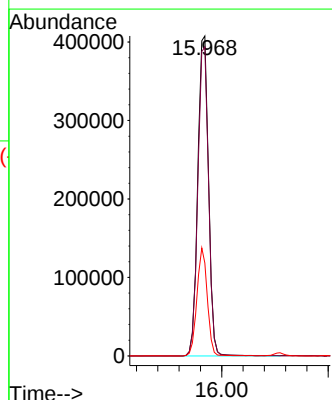
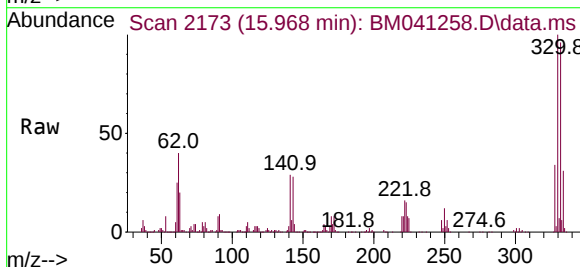
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

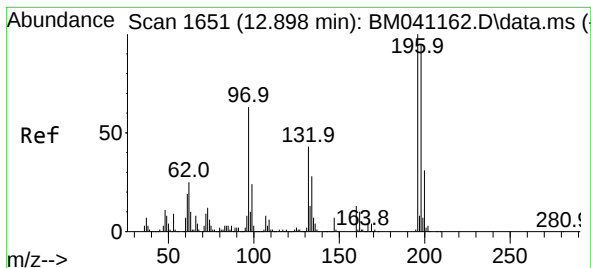
Tgt Ion:237 Resp: 346632  
Ion Ratio Lower Upper  
237 100  
235 61.7 43.6 83.6  
272 13.1 0.0 33.3



#42  
2,4,6-Tribromophenol  
Concen: 101.324 ng  
RT: 15.968 min Scan# 2173  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:330 Resp: 570158  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.7 116.5  
141 32.5 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 55.335 ng

RT: 12.892 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

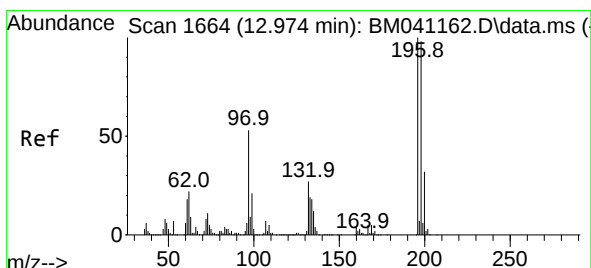
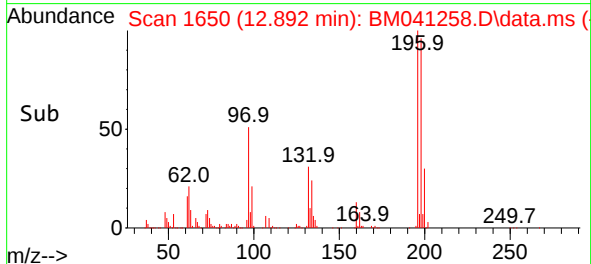
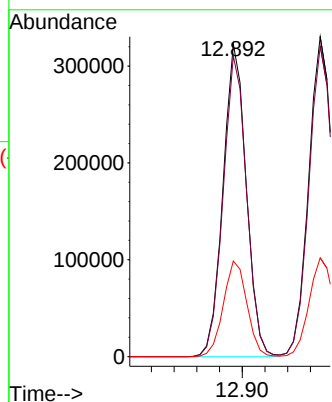
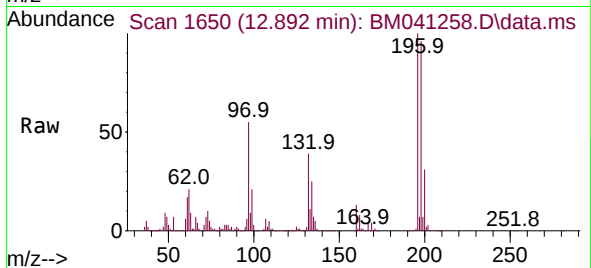
Tgt Ion:196 Resp: 458153

Ion Ratio Lower Upper

196 100

198 96.2 76.2 114.4

200 30.6 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 52.948 ng

RT: 12.969 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Tgt Ion:196 Resp: 507404

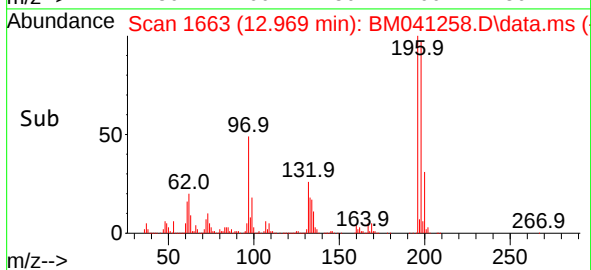
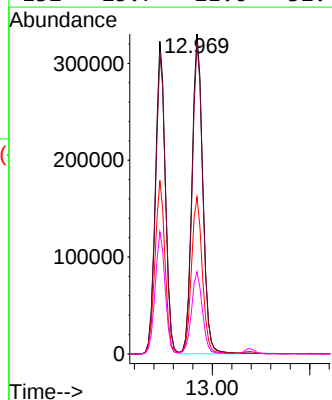
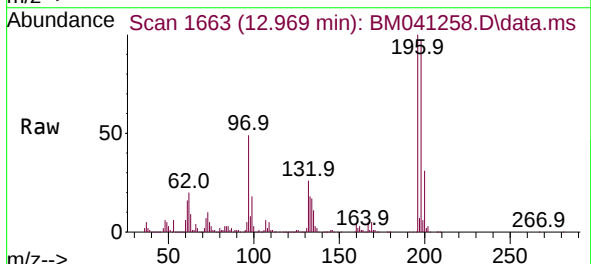
Ion Ratio Lower Upper

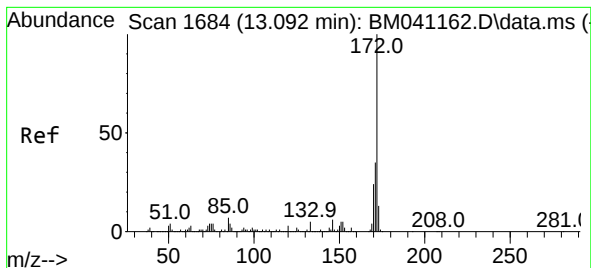
196 100

198 97.1 78.2 117.4

97 49.0 42.7 64.1

132 25.7 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 50.708 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

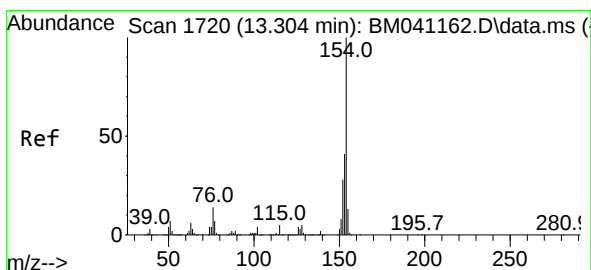
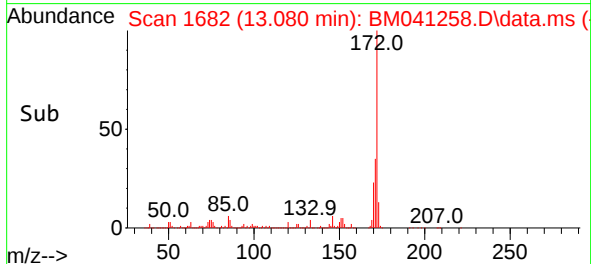
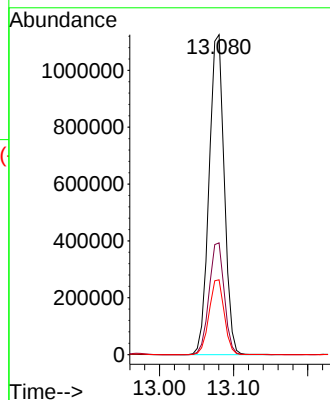
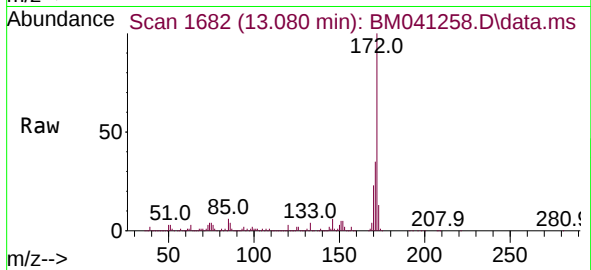
Tgt Ion:172 Resp: 1596914

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 47.146 ng

RT: 13.292 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

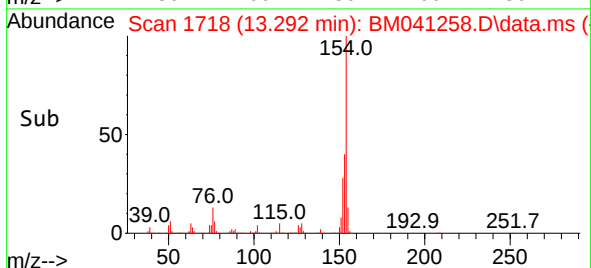
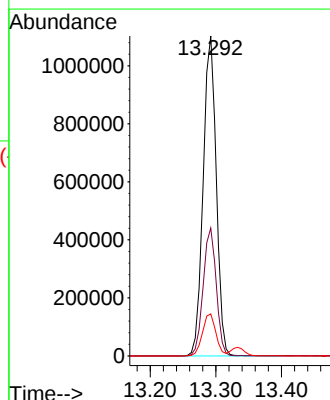
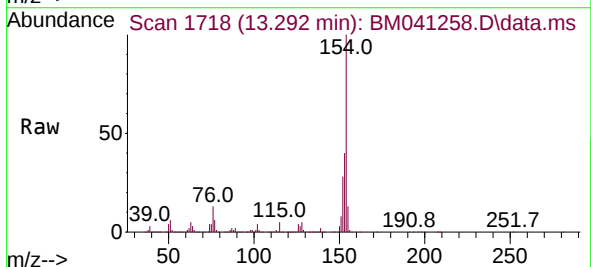
Tgt Ion:154 Resp: 1520521

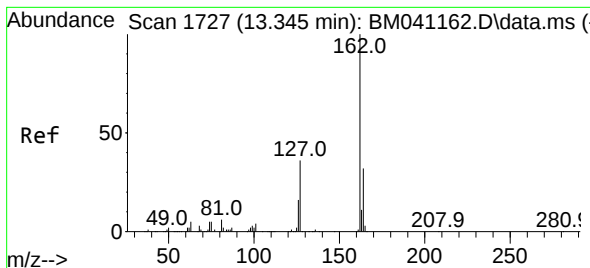
Ion Ratio Lower Upper

154 100

153 40.0 20.5 60.5

76 13.1 0.0 34.1

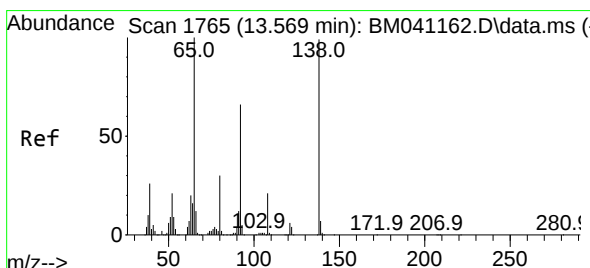
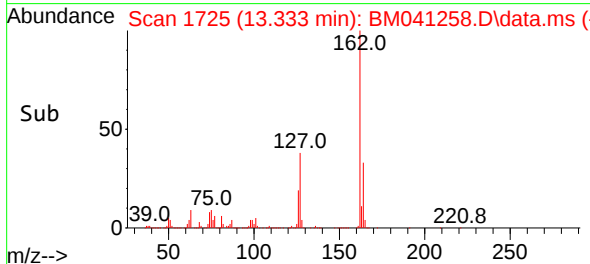
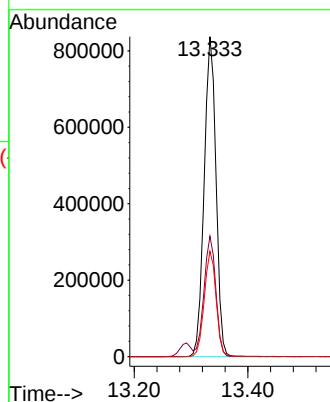
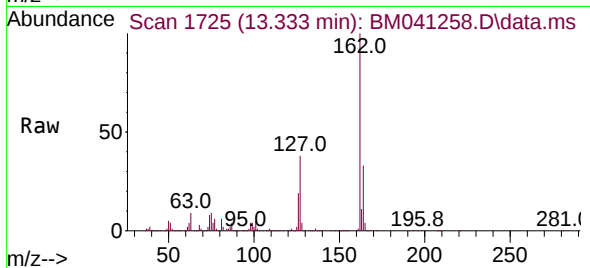




#47  
2-Chloronaphthalene  
Concen: 50.278 ng  
RT: 13.333 min Scan# 1725  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

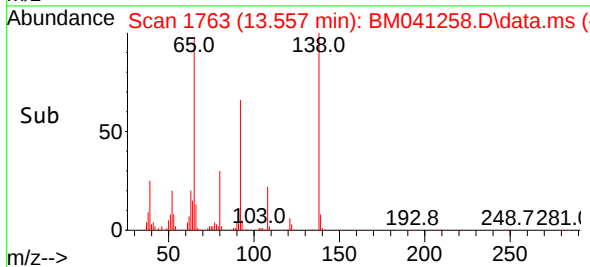
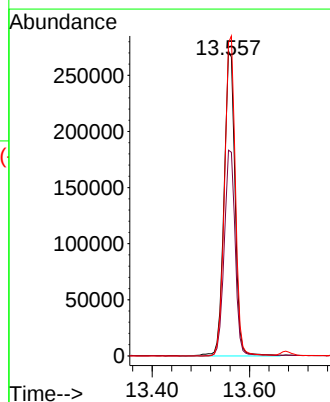
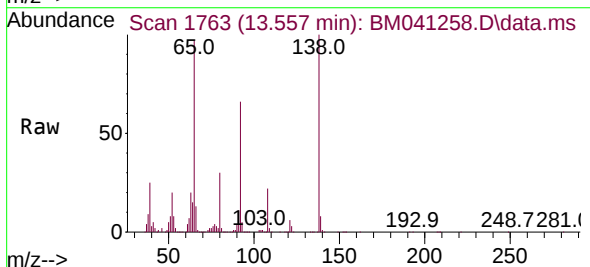
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

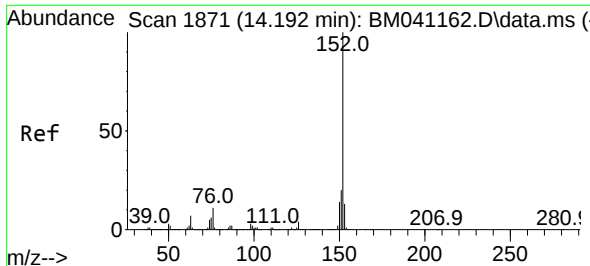
Tgt Ion:162 Resp: 1210767  
Ion Ratio Lower Upper  
162 100  
127 37.6 30.6 45.8  
164 32.9 25.6 38.4



#48  
2-Nitroaniline  
Concen: 54.891 ng  
RT: 13.557 min Scan# 1763  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion: 65 Resp: 421937  
Ion Ratio Lower Upper  
65 100  
92 67.5 53.0 79.4  
138 102.8 79.1 118.7

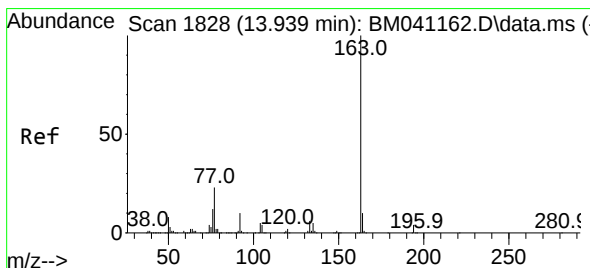
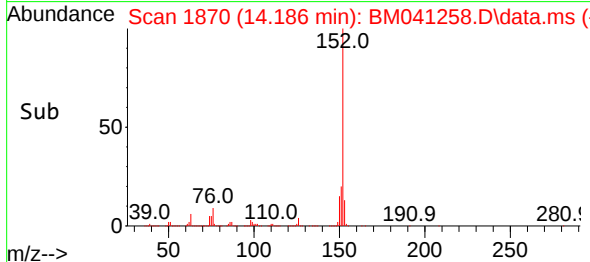
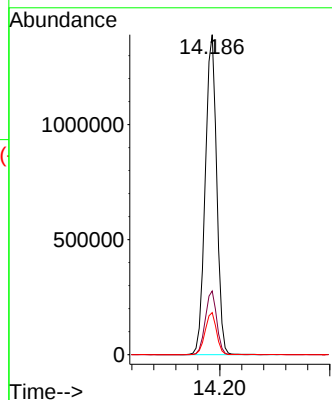
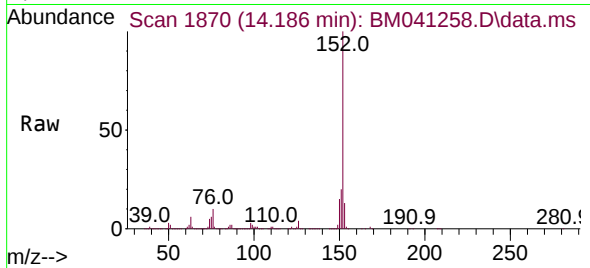




#49  
Acenaphthylene  
Concen: 51.396 ng  
RT: 14.186 min Scan# 1870  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

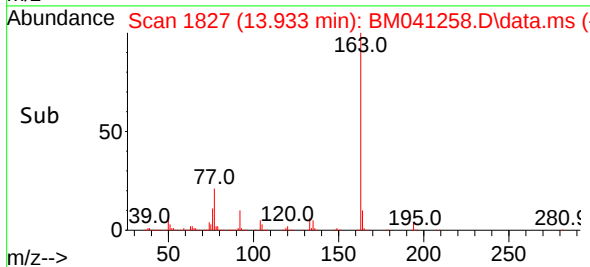
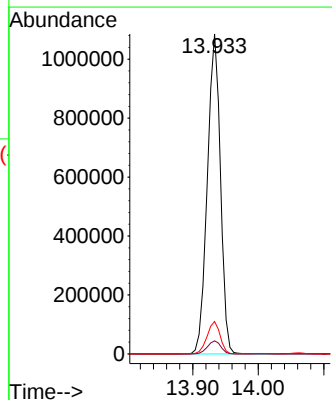
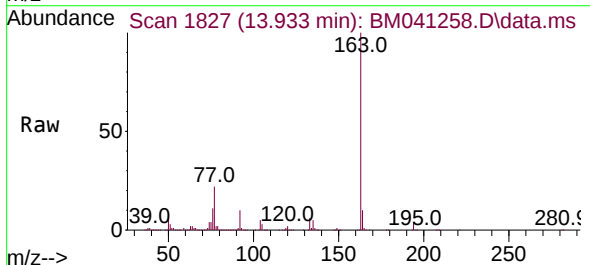
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

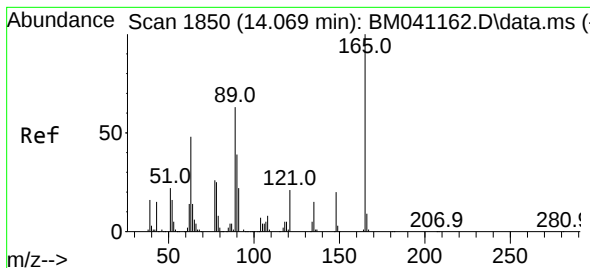
Tgt Ion:152 Resp: 1997699  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.1 24.1  
153 13.1 10.5 15.7



#50  
Dimethylphthalate  
Concen: 50.069 ng  
RT: 13.933 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:163 Resp: 1498330  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.1 8.3 12.5

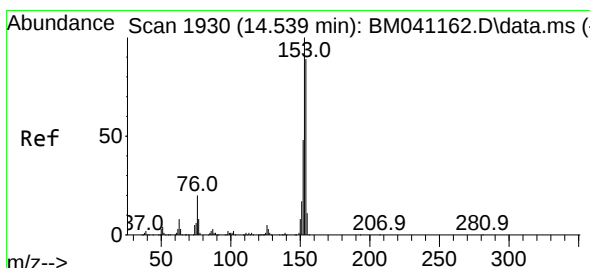
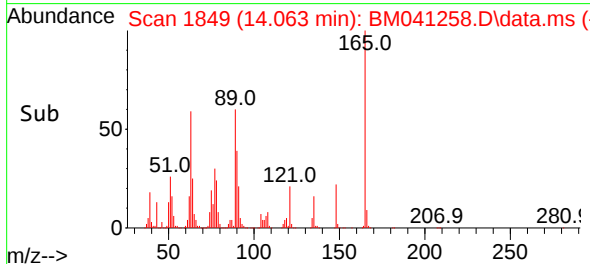
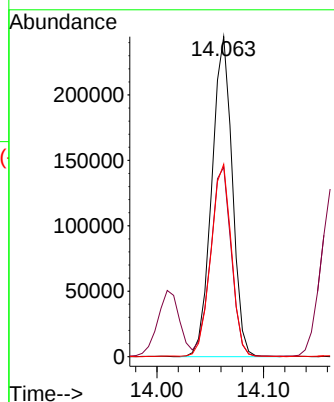
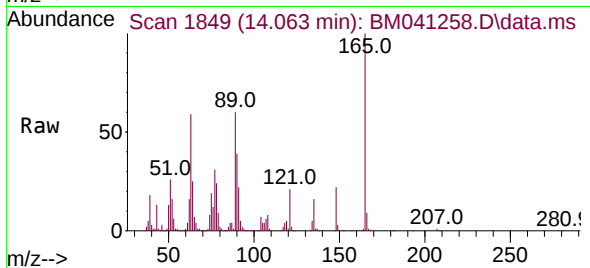




#51  
2,6-Dinitrotoluene  
Concen: 52.627 ng  
RT: 14.063 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

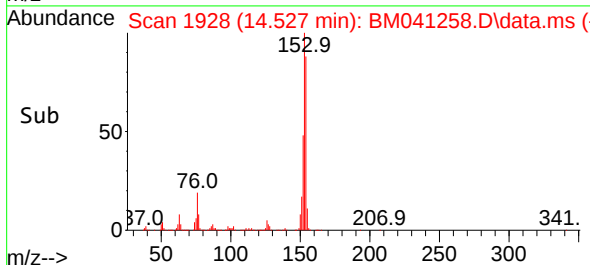
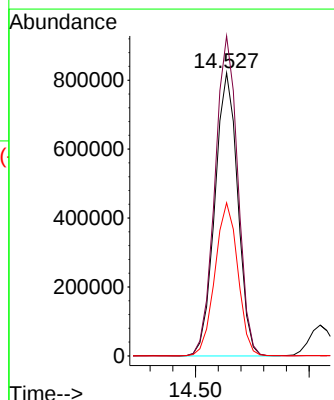
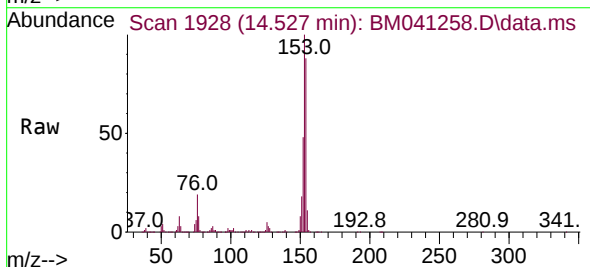
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

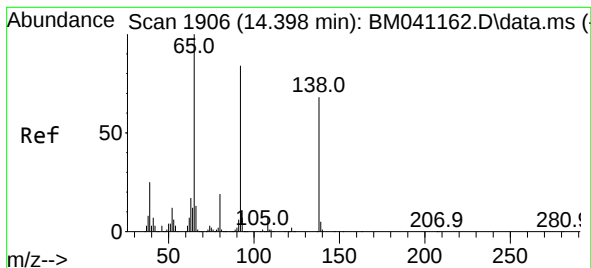
Tgt Ion:165 Resp: 326318  
Ion Ratio Lower Upper  
165 100  
63 59.2 50.9 76.3  
89 60.1 50.6 76.0



#52  
Acenaphthene  
Concen: 49.040 ng  
RT: 14.527 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:154 Resp: 1148319  
Ion Ratio Lower Upper  
154 100  
153 113.1 90.2 135.4  
152 54.1 43.4 65.0

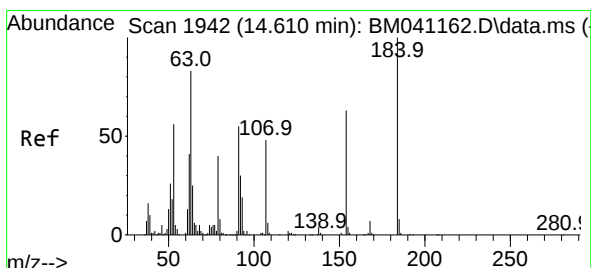
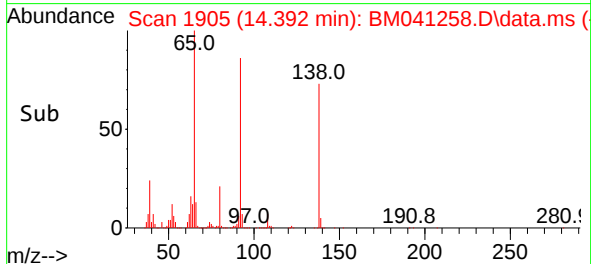
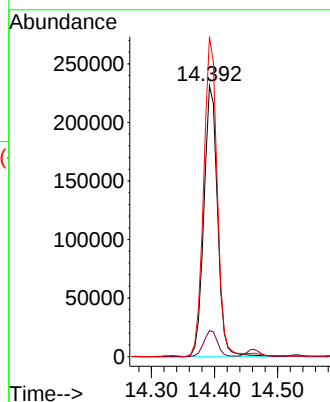
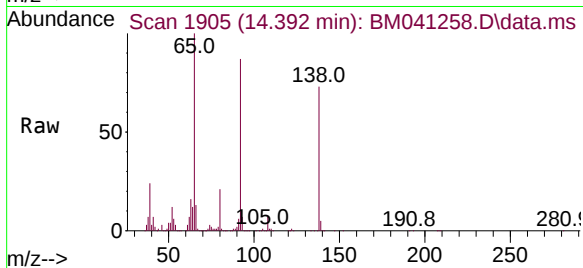




#53  
3-Nitroaniline  
Concen: 48.387 ng  
RT: 14.392 min Scan# 1905  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

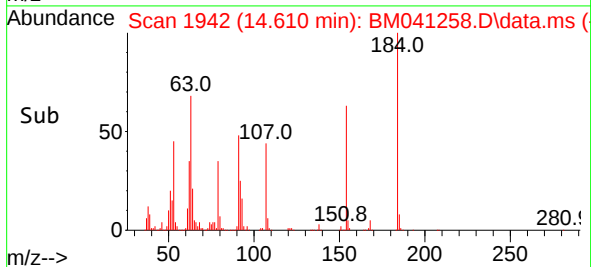
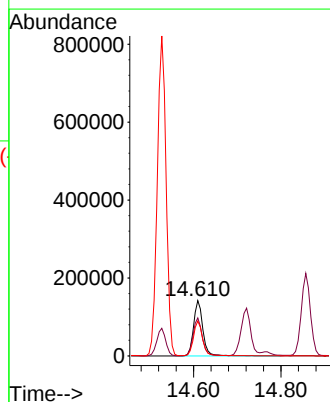
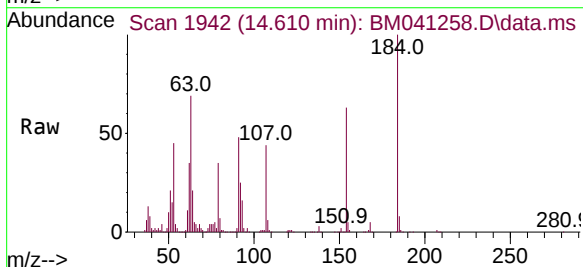
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

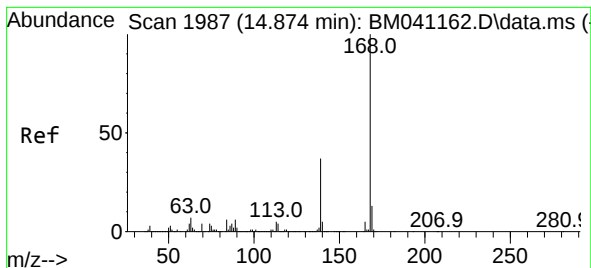
Tgt Ion:138 Resp: 347339  
Ion Ratio Lower Upper  
138 100  
108 9.6 7.6 11.4  
92 118.2 98.9 148.3



#54  
2,4-Dinitrophenol  
Concen: 51.984 ng  
RT: 14.610 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:184 Resp: 208440  
Ion Ratio Lower Upper  
184 100  
63 68.8 66.5 99.7  
154 63.0 52.8 79.2





#55

Dibenzenofuran

Concen: 50.209 ng

RT: 14.863 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

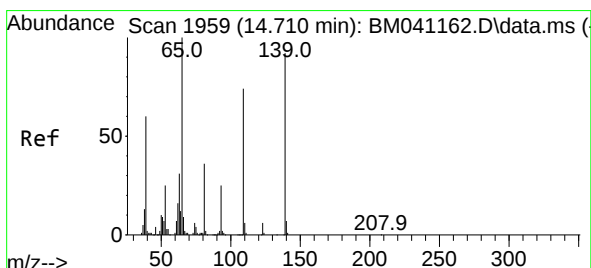
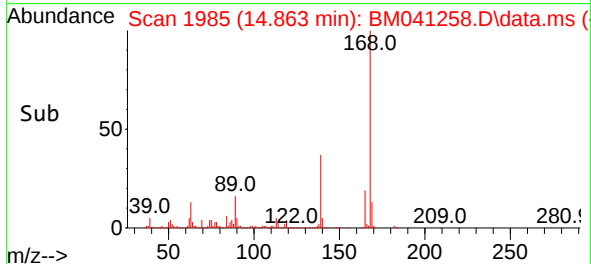
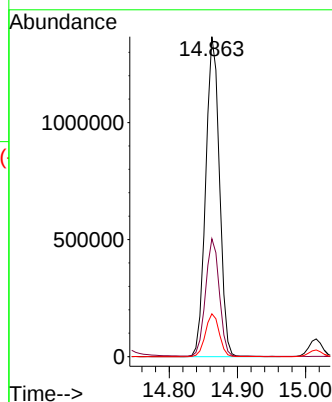
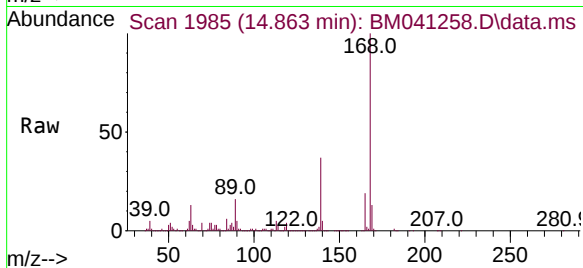
Tgt Ion:168 Resp: 1918190

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.6

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 115.622 ng

RT: 14.721 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

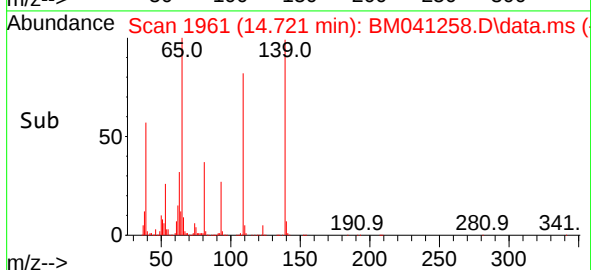
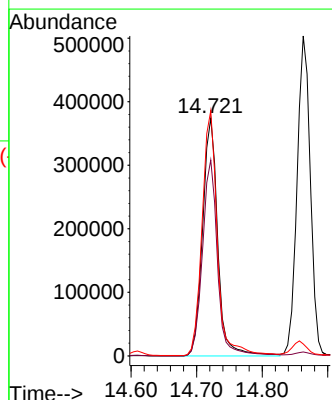
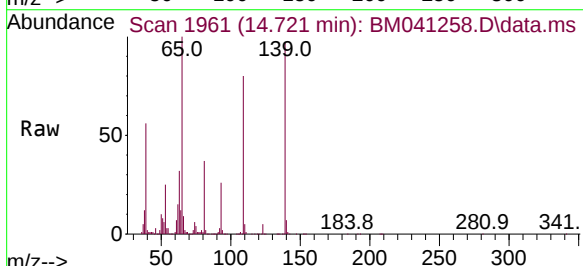
Tgt Ion:139 Resp: 597498

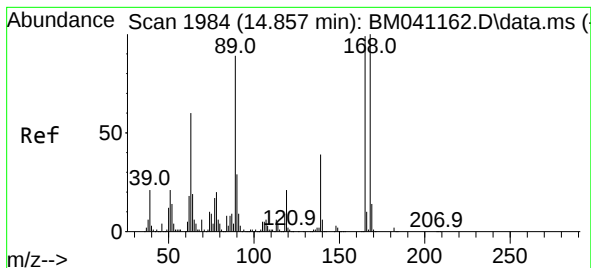
Ion Ratio Lower Upper

139 100

109 82.5 61.2 101.2

65 103.2 89.5 129.5

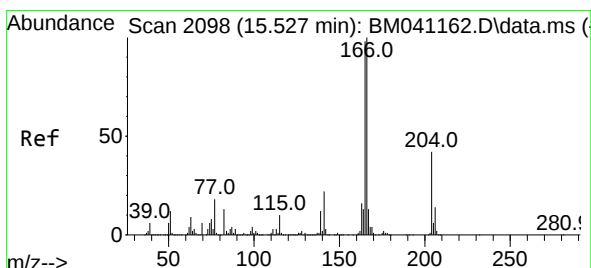
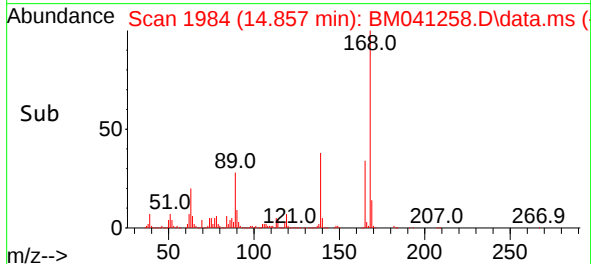
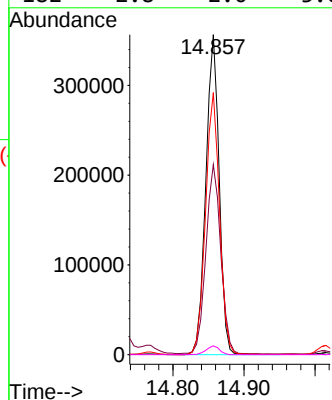
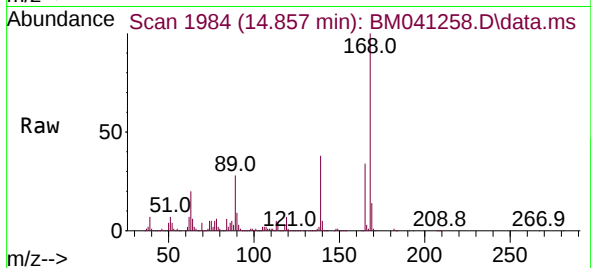




#57  
2,4-Dinitrotoluene  
Concen: 52.056 ng  
RT: 14.857 min Scan# 1984  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

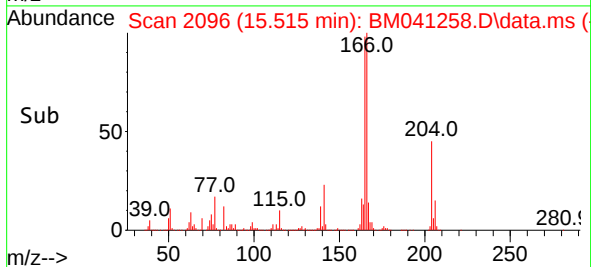
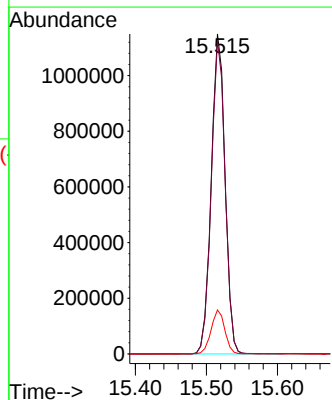
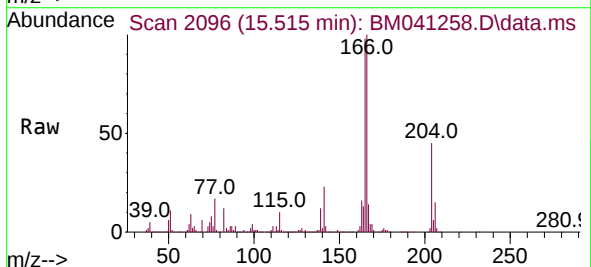
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

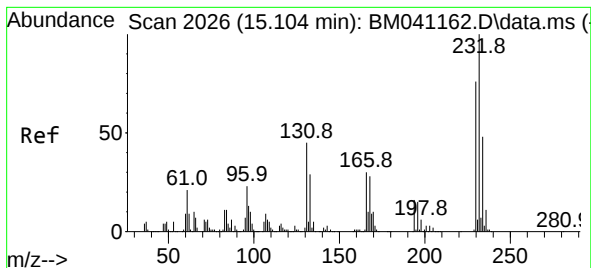
Tgt Ion:165 Resp: 463061  
Ion Ratio Lower Upper  
165 100  
63 59.4 48.3 72.5  
89 81.9 71.8 107.8  
182 2.8 2.0 3.0



#58  
Fluorene  
Concen: 51.684 ng  
RT: 15.515 min Scan# 2096  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:166 Resp: 1557690  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.2 117.4  
167 13.7 10.6 16.0

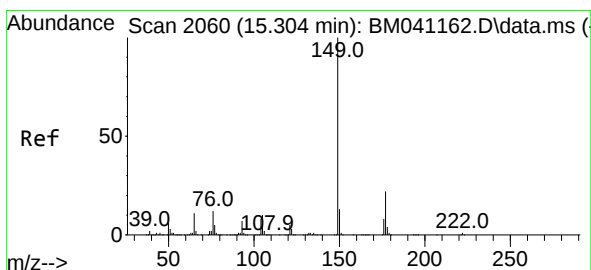
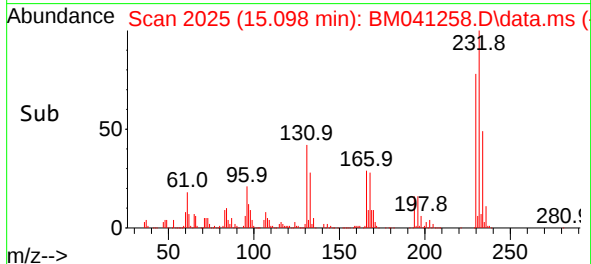
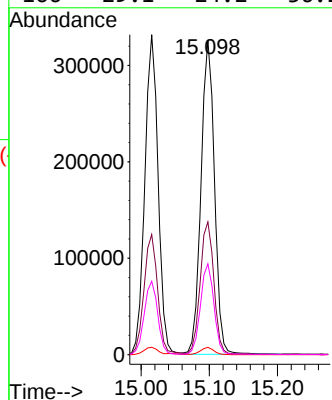
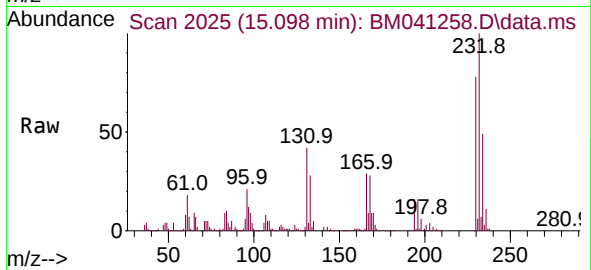




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 57.900 ng  
RT: 15.098 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

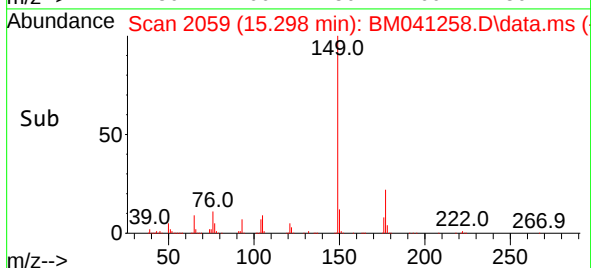
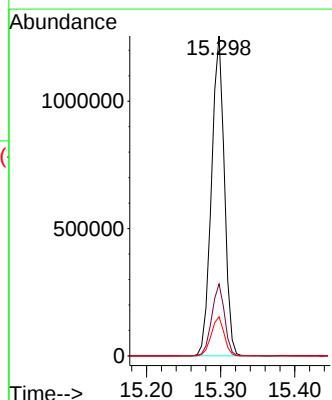
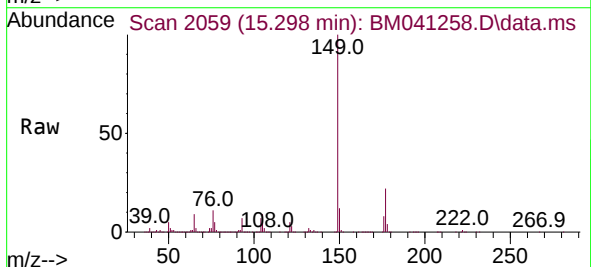
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

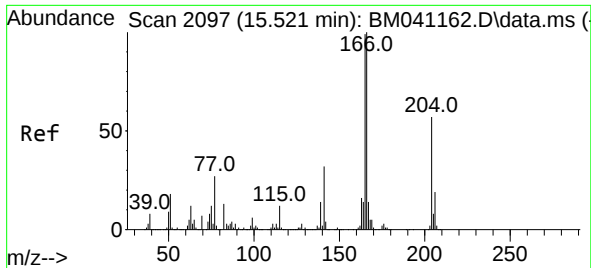
Tgt Ion:232 Resp: 449314  
Ion Ratio Lower Upper  
232 100  
131 42.8 36.9 55.3  
130 2.2 2.0 3.0  
166 29.1 24.2 36.2



#60  
Diethylphthalate  
Concen: 52.355 ng  
RT: 15.298 min Scan# 2059  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:149 Resp: 1515135  
Ion Ratio Lower Upper  
149 100  
177 22.5 17.5 26.3  
150 12.3 10.1 15.1

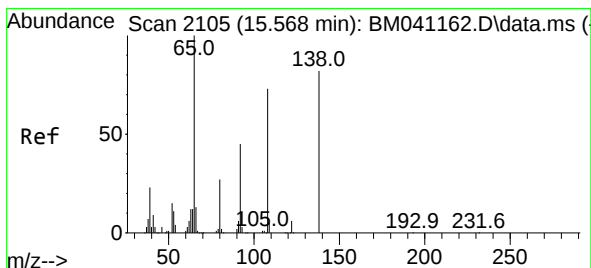
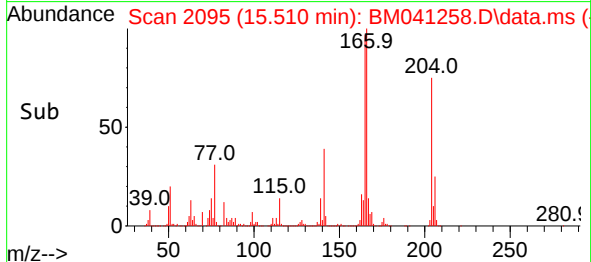
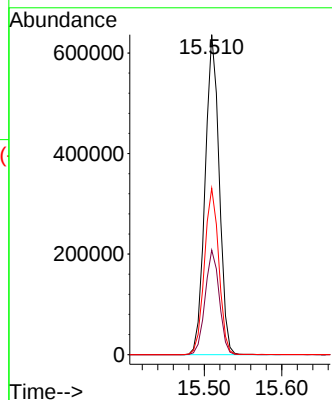
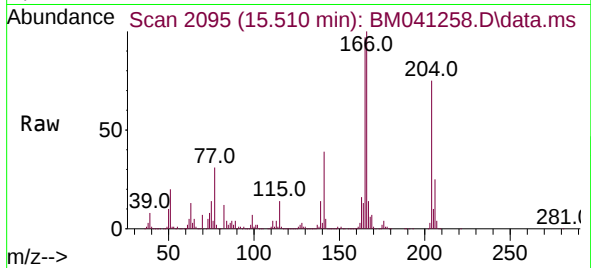




#61  
4-Chlorophenyl-phenylether  
Concen: 53.173 ng  
RT: 15.510 min Scan# 2097  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

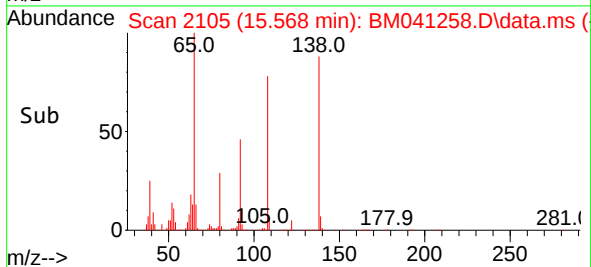
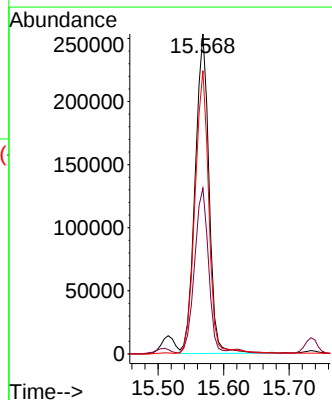
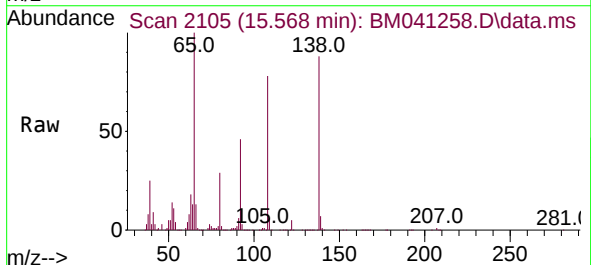
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

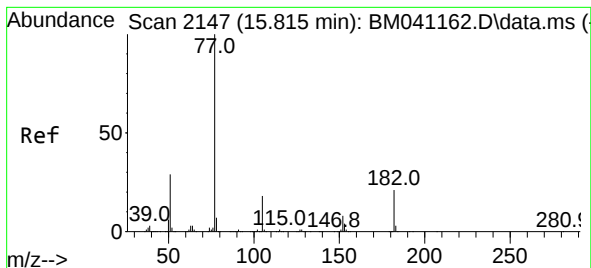
Tgt Ion:204 Resp: 803062  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.5 39.7  
141 52.0 44.8 67.2



#62  
4-Nitroaniline  
Concen: 55.555 ng  
RT: 15.568 min Scan# 2105  
Delta R.T. 0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:138 Resp: 372124  
Ion Ratio Lower Upper  
138 100  
92 51.8 35.1 75.1  
108 88.5 67.8 107.8





#63

Azobenzene

Concen: 49.895 ng

RT: 15.804 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

Tgt Ion: 77 Resp: 1581655

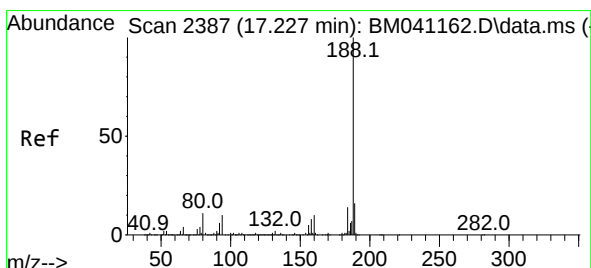
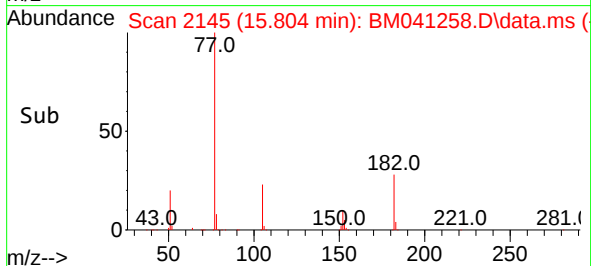
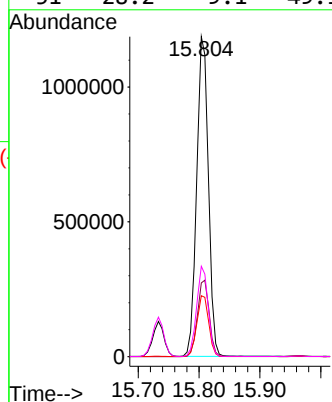
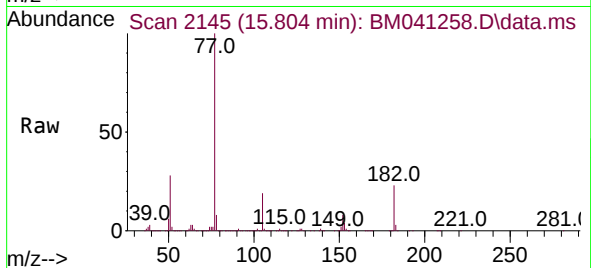
Ion Ratio Lower Upper

77 100

182 23.0 1.3 41.3

105 19.0 0.0 38.5

51 28.2 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

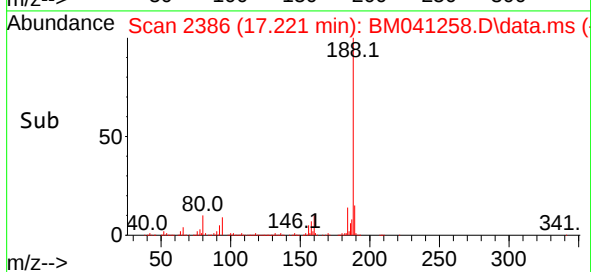
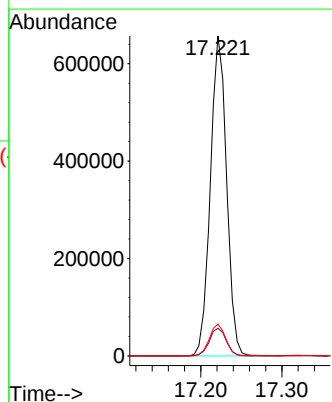
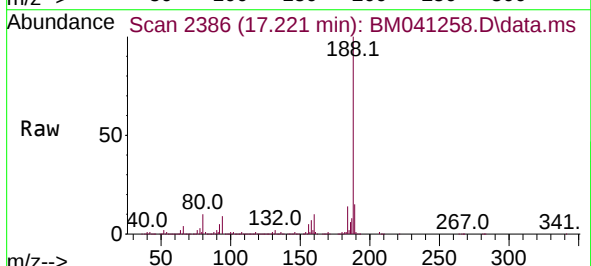
Tgt Ion:188 Resp: 913430

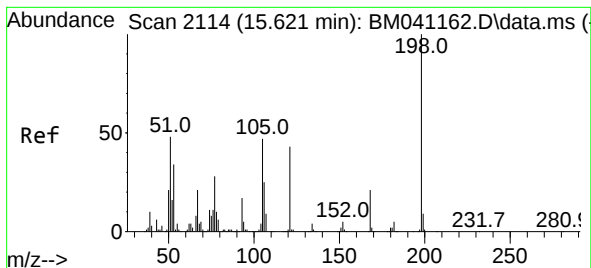
Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

80 9.9 8.6 13.0

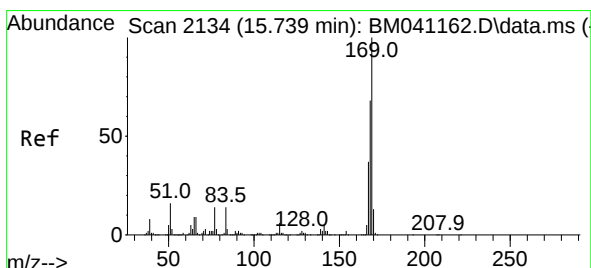
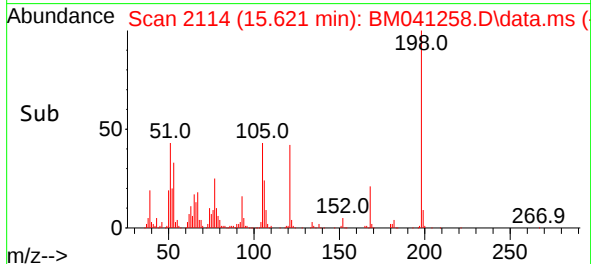
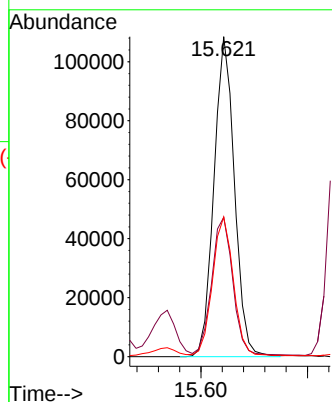
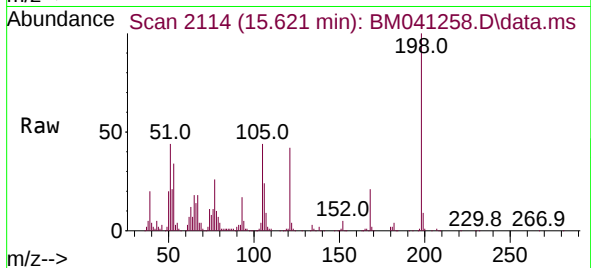




#65  
4,6-Dinitro-2-methylphenol  
Concen: 26.192 ng  
RT: 15.621 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

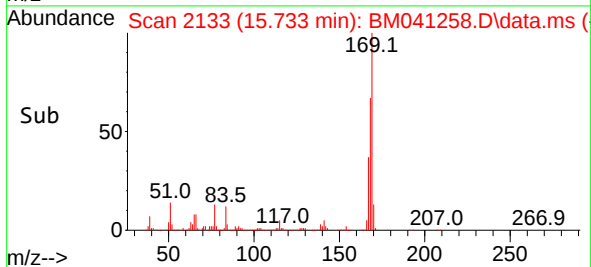
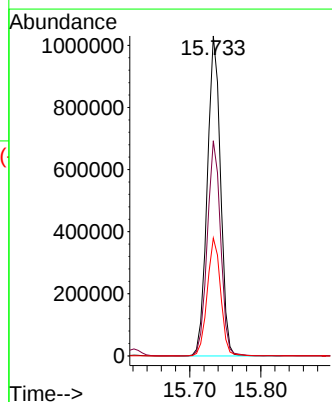
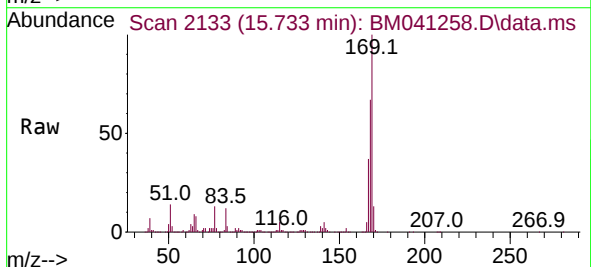
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

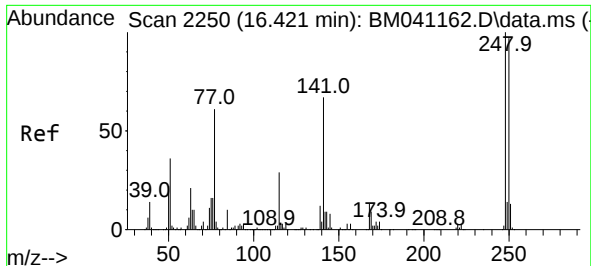
Tgt Ion:198 Resp: 144934  
Ion Ratio Lower Upper  
198 100  
51 43.5 31.7 71.7  
105 43.6 27.8 67.8



#66  
n-Nitrosodiphenylamine  
Concen: 46.729 ng  
RT: 15.733 min Scan# 2133  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:169 Resp: 1327487  
Ion Ratio Lower Upper  
169 100  
168 67.2 54.6 81.8  
167 36.8 29.9 44.9

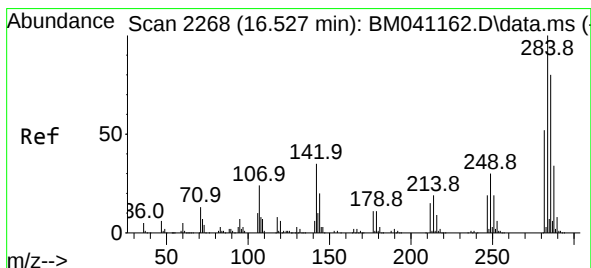
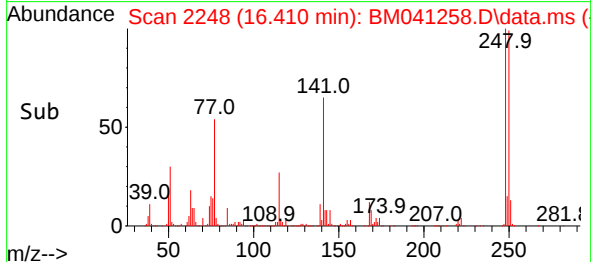
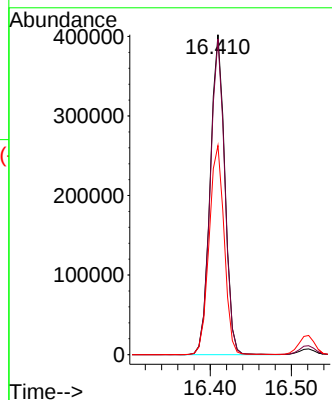
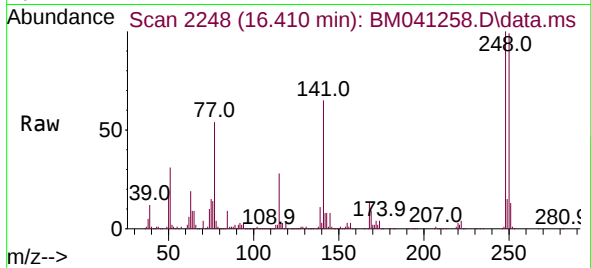




#67  
4-Bromophenyl-phenylether  
Concen: 50.356 ng  
RT: 16.410 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

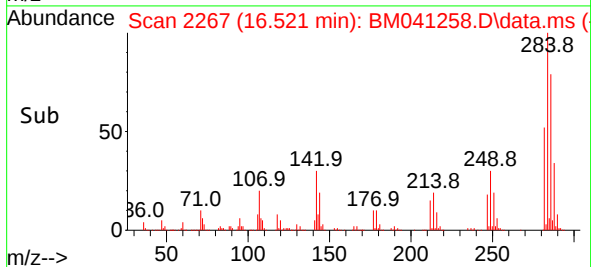
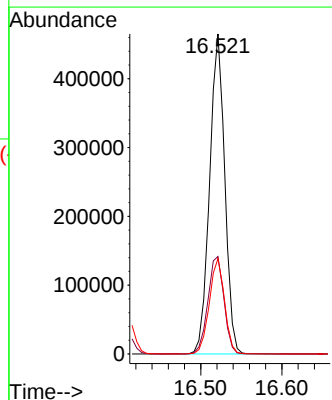
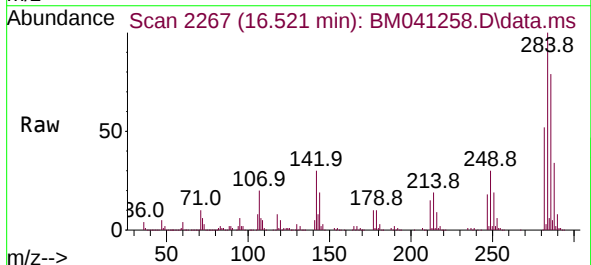
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

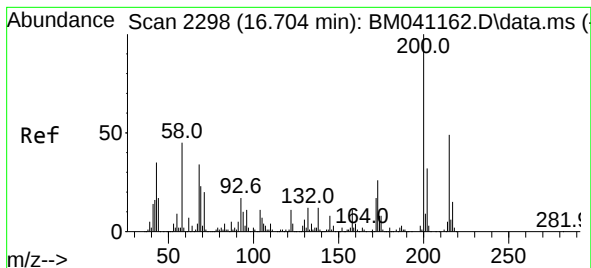
Tgt Ion:248 Resp: 504315  
Ion Ratio Lower Upper  
248 100  
250 98.6 78.0 117.0  
141 65.3 53.8 80.8



#68  
Hexachlorobenzene  
Concen: 54.236 ng  
RT: 16.521 min Scan# 2267  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:284 Resp: 603991  
Ion Ratio Lower Upper  
284 100  
142 30.4 28.0 42.0  
249 29.8 23.7 35.5





#69

Atrazine

Concen: 61.931 ng

RT: 16.698 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

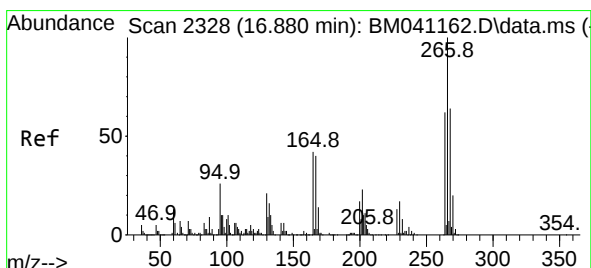
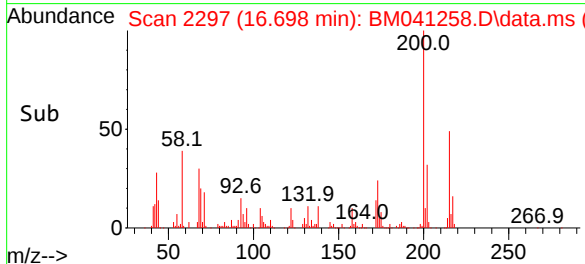
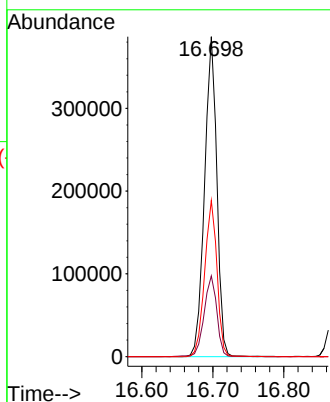
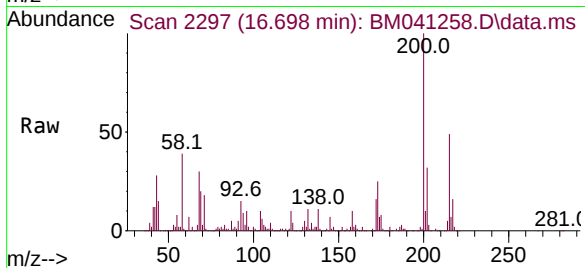
Tgt Ion:200 Resp: 462035

Ion Ratio Lower Upper

200 100

173 25.2 5.6 45.6

215 48.8 28.5 68.5



#70

Pentachlorophenol

Concen: 88.758 ng

RT: 16.874 min Scan# 2327

Delta R.T. -0.006 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

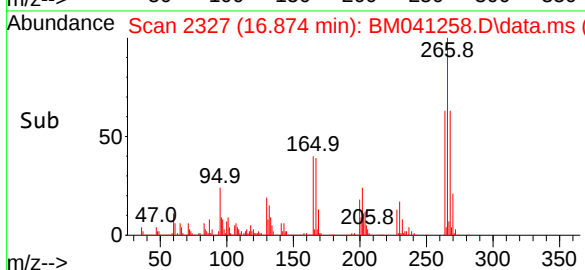
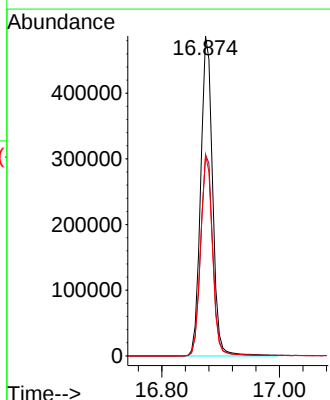
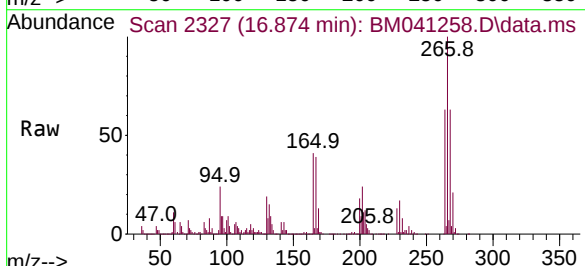
Tgt Ion:266 Resp: 684446

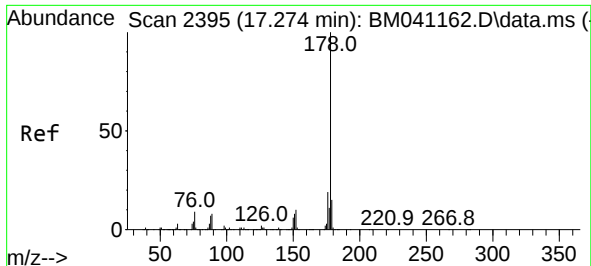
Ion Ratio Lower Upper

266 100

268 62.8 51.0 76.6

264 62.8 49.4 74.2

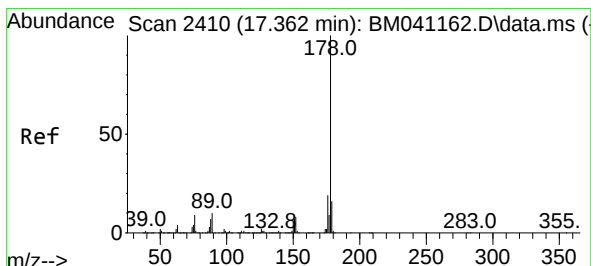
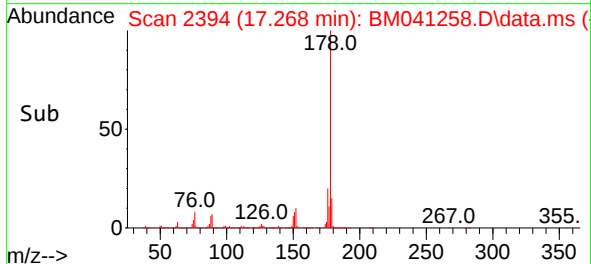
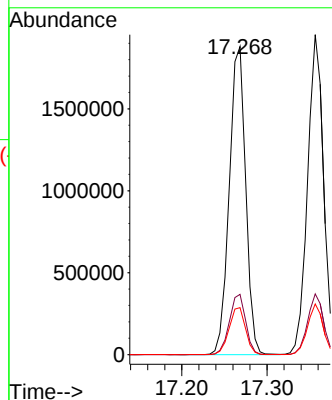
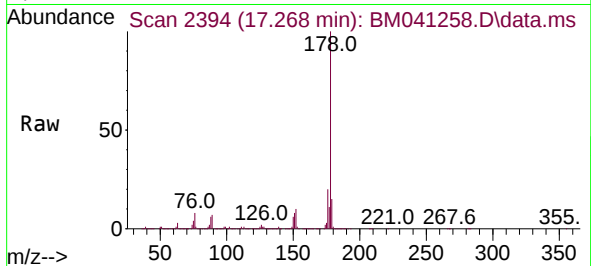




#71  
Phenanthrene  
Concen: 49.471 ng  
RT: 17.268 min Scan# 2395  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

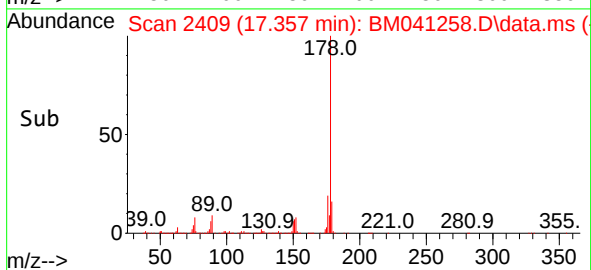
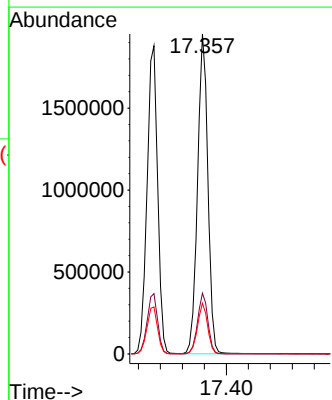
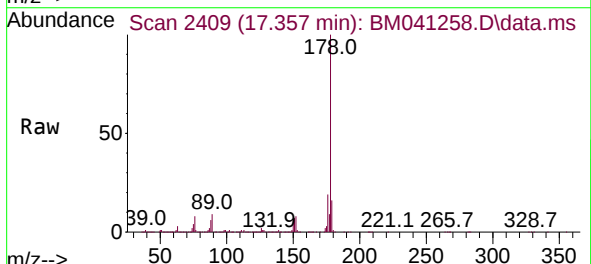
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

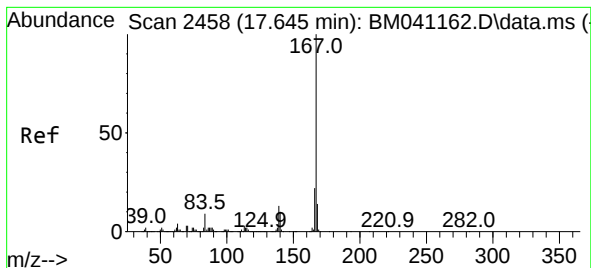
Tgt Ion:178 Resp: 2510671  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 15.3 12.1 18.1



#72  
Anthracene  
Concen: 50.706 ng  
RT: 17.357 min Scan# 2409  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:178 Resp: 2545126  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.2 22.8  
179 15.8 12.4 18.6





#73

Carbazole

Concen: 51.102 ng

RT: 17.639 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

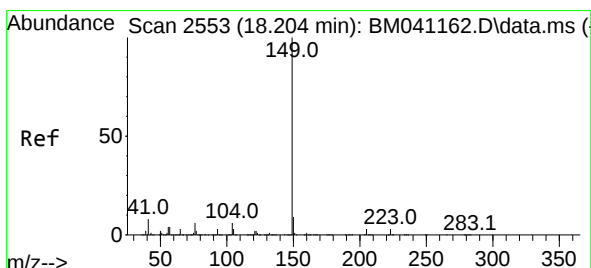
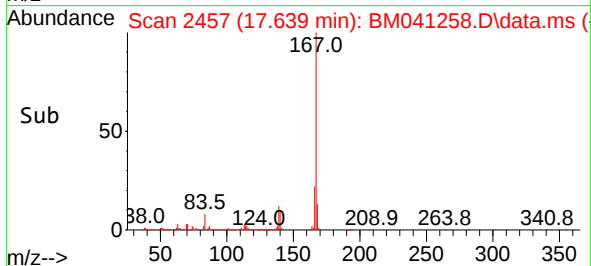
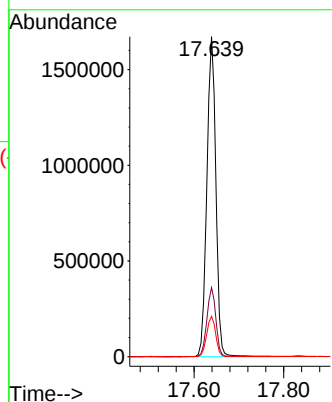
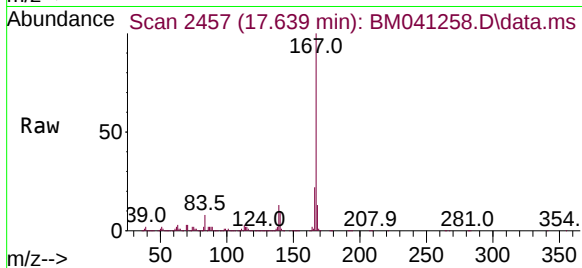
Tgt Ion:167 Resp: 2321544

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.6 10.3 15.5



#74

Di-n-butylphthalate

Concen: 55.816 ng

RT: 18.192 min Scan# 2551

Delta R.T. -0.006 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

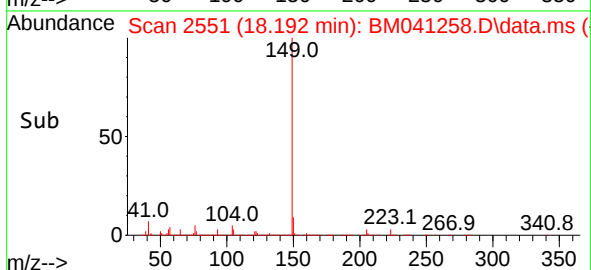
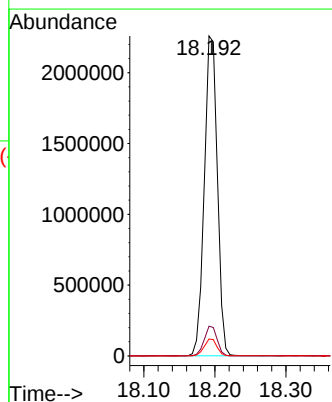
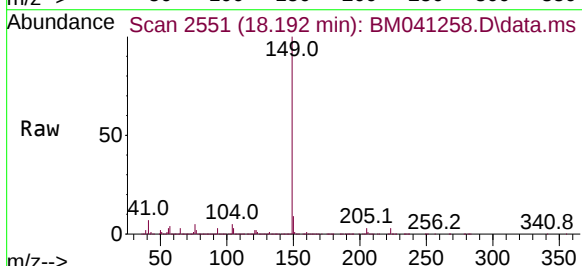
Tgt Ion:149 Resp: 2865396

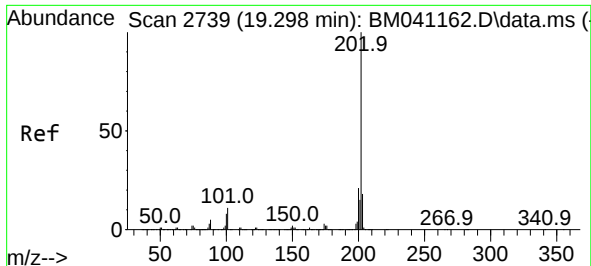
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.3 4.5 6.7

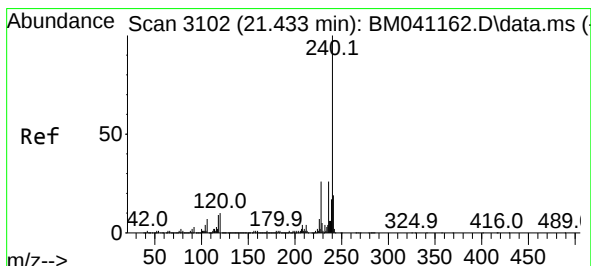
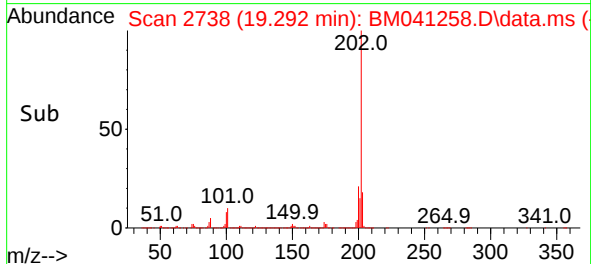
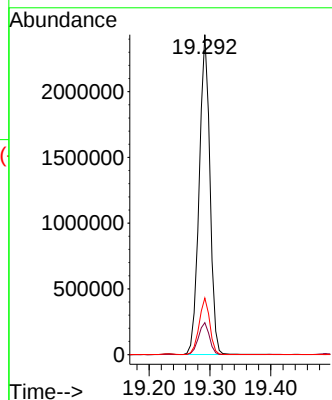
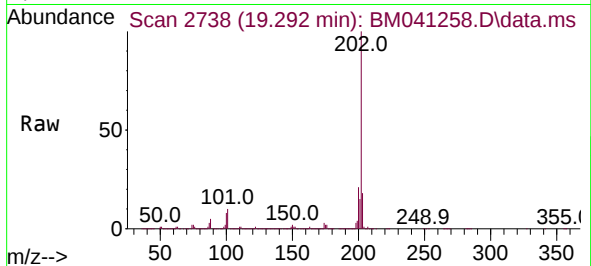




#75  
Fluoranthene  
Concen: 52.101 ng  
RT: 19.292 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

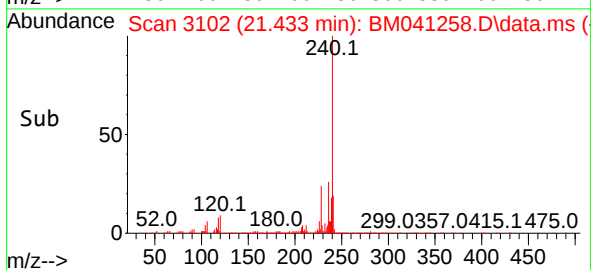
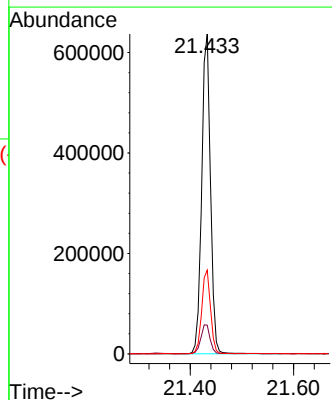
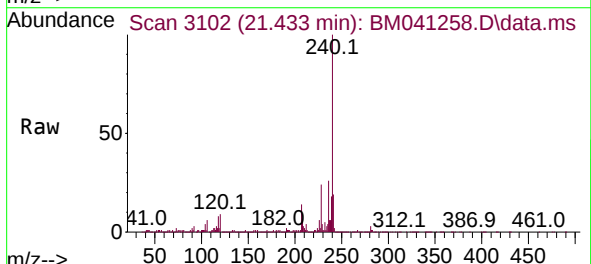
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

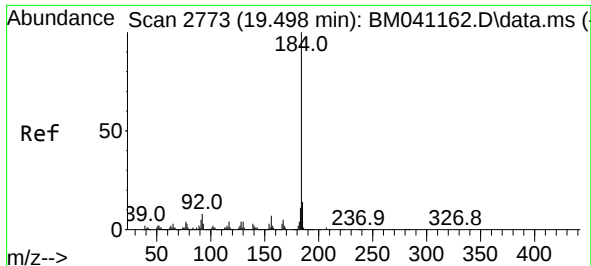
Tgt Ion:202 Resp: 2970676  
Ion Ratio Lower Upper  
202 100  
101 10.0 0.0 30.8  
203 17.7 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.433 min Scan# 3102  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:240 Resp: 748295  
Ion Ratio Lower Upper  
240 100  
120 9.0 8.3 12.5  
236 26.2 20.6 30.8

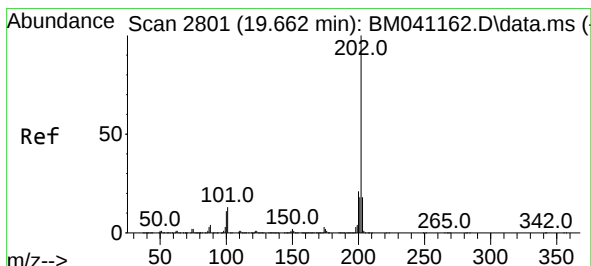
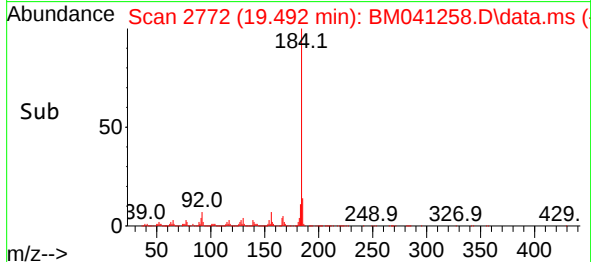
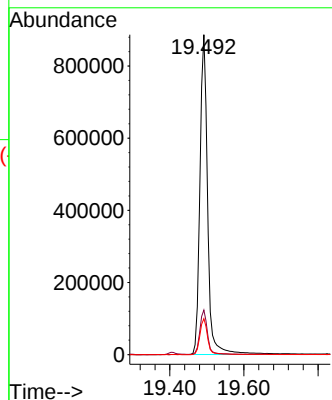
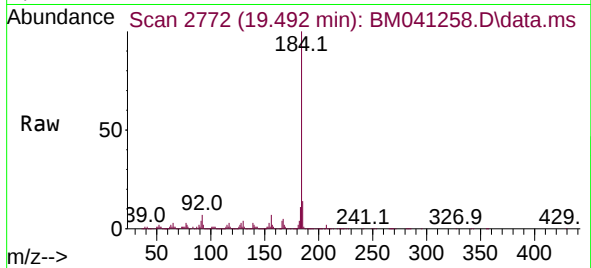




#77  
Benzidine  
Concen: 125.537 ng  
RT: 19.492 min Scan# 2772  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

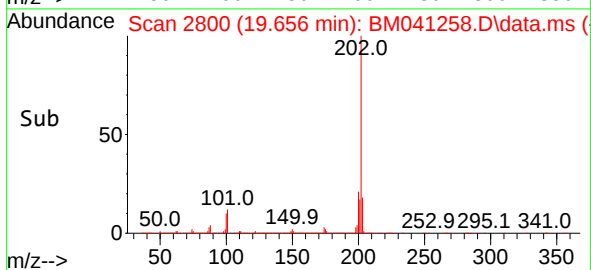
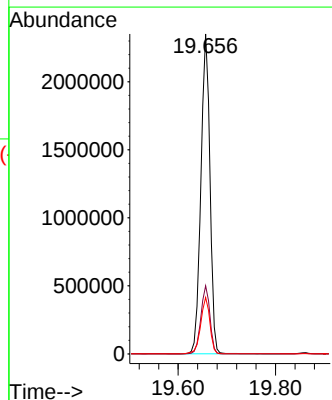
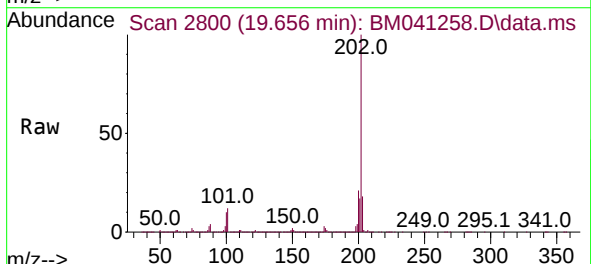
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

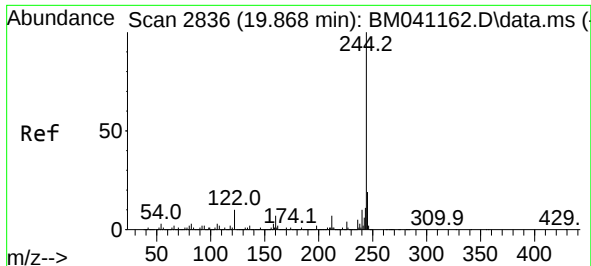
Tgt Ion:184 Resp: 1280374  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.4 17.0  
183 11.2 9.2 13.8



#78  
Pyrene  
Concen: 57.608 ng  
RT: 19.656 min Scan# 2800  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:202 Resp: 3014602  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.9 25.3  
203 17.6 14.1 21.1

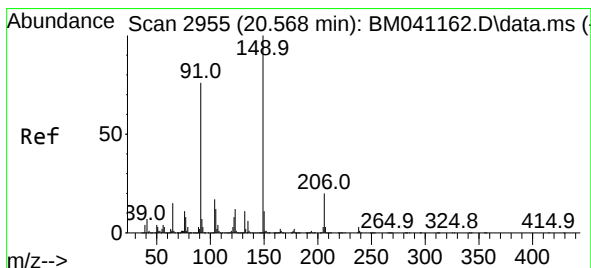
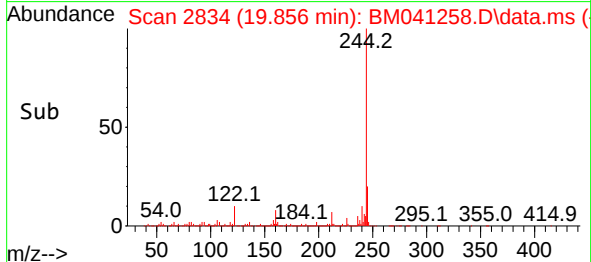
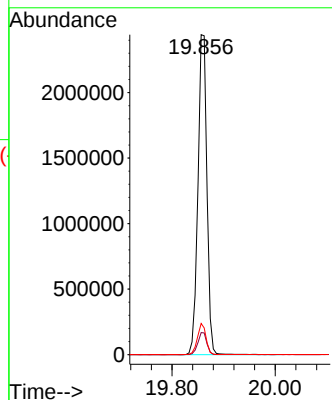
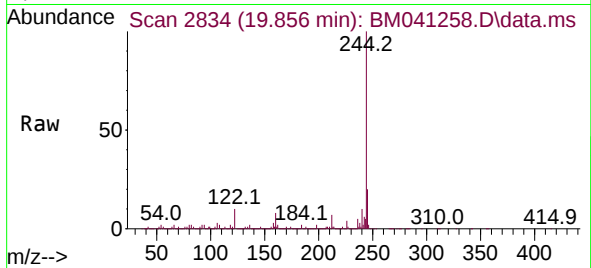




#79  
 Terphenyl-d14  
 Concen: 71.027 ng  
 RT: 19.856 min Scan# 2834  
 Delta R.T. -0.006 min  
 Lab File: BM041258.D  
 Acq: 03 Aug 2023 12:16

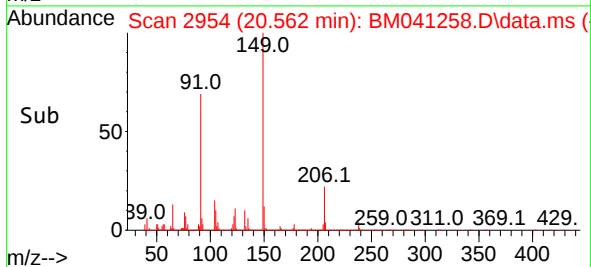
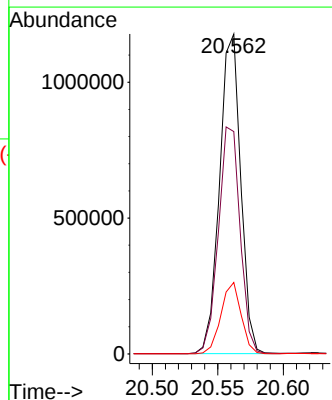
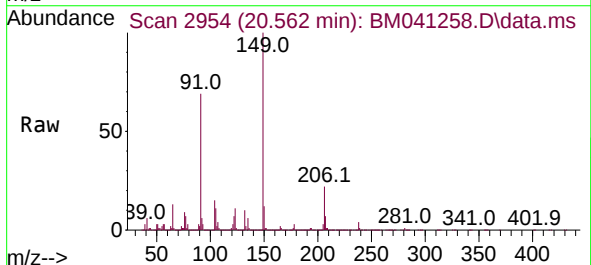
Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-P3BMSD

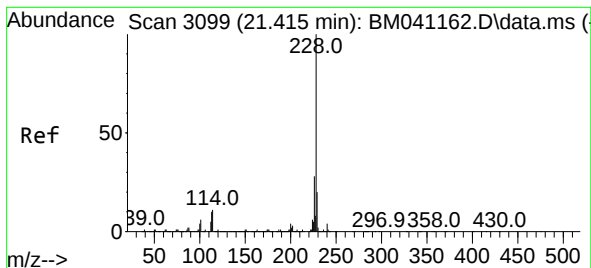
Tgt Ion:244 Resp: 2939598  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.2  
 122 9.7 7.8 11.6



#80  
 Butylbenzylphthalate  
 Concen: 69.282 ng  
 RT: 20.562 min Scan# 2954  
 Delta R.T. -0.000 min  
 Lab File: BM041258.D  
 Acq: 03 Aug 2023 12:16

Tgt Ion:149 Resp: 1323968  
 Ion Ratio Lower Upper  
 149 100  
 91 69.5 60.8 91.2  
 206 22.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 53.905 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

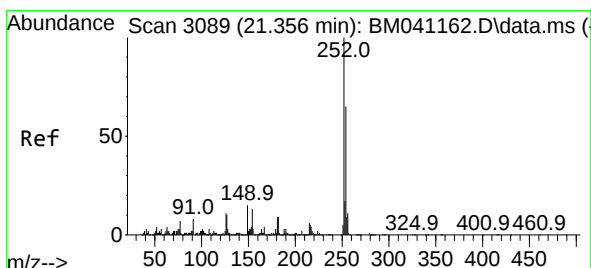
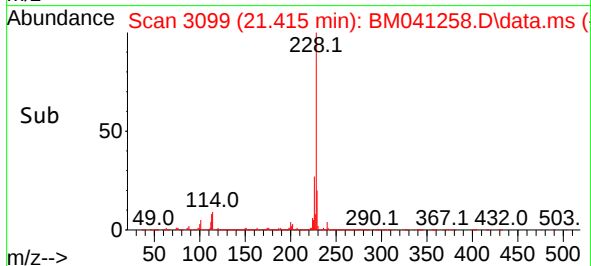
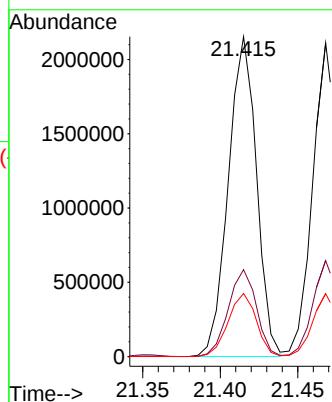
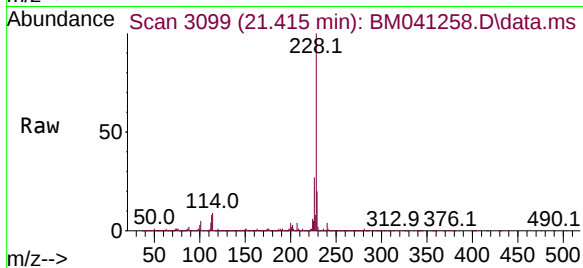
Tgt Ion:228 Resp: 2734522

Ion Ratio Lower Upper

228 100

226 27.2 22.4 33.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 55.466 ng

RT: 21.350 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

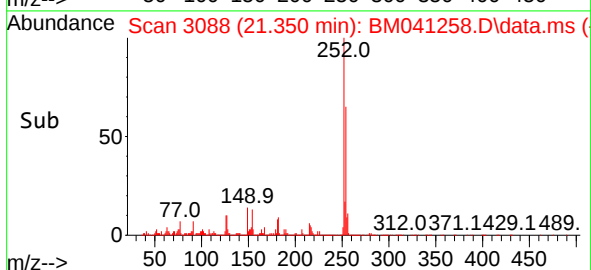
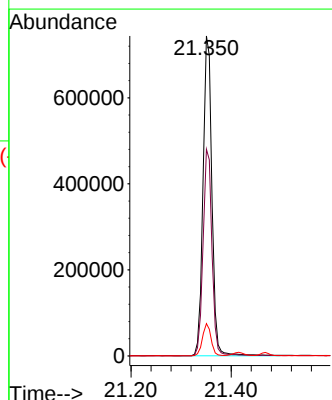
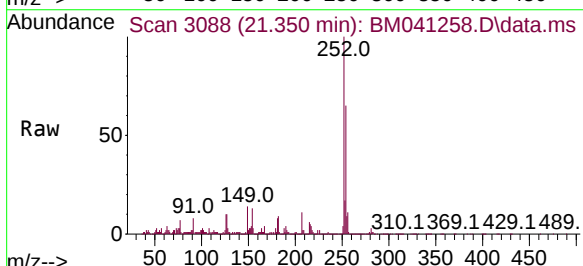
Tgt Ion:252 Resp: 918132

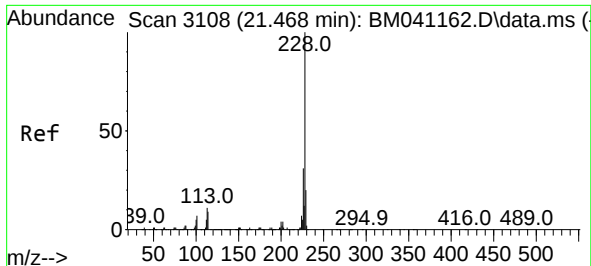
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 10.1 8.6 13.0

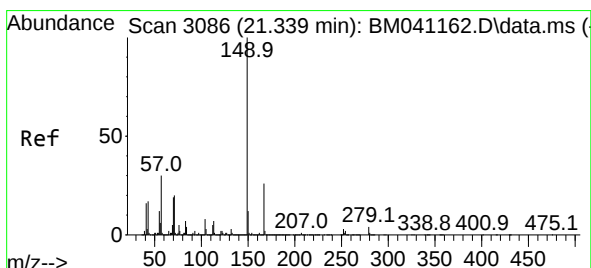
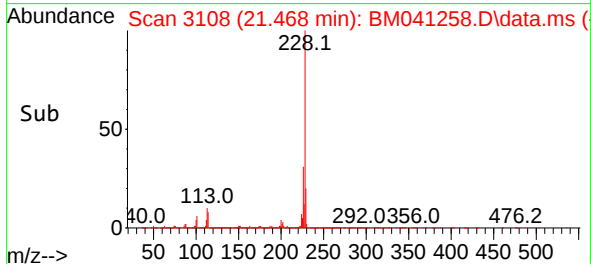
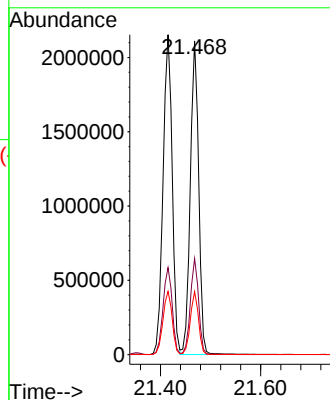
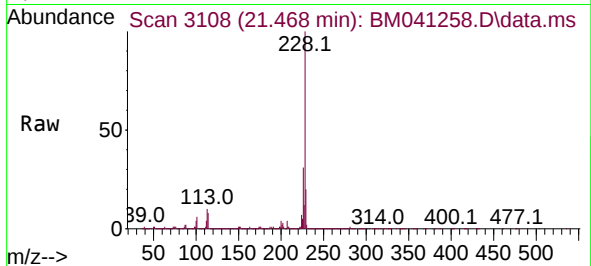




#83  
Chrysene  
Concen: 49.920 ng  
RT: 21.468 min Scan# 3108  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

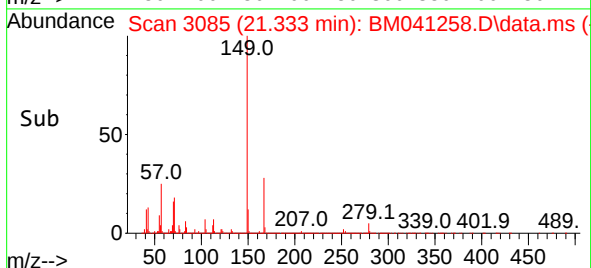
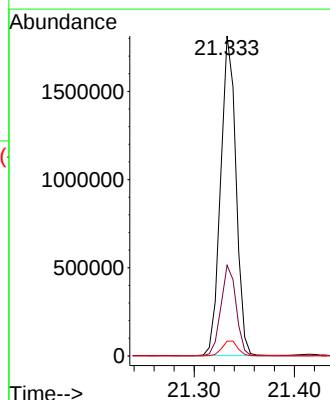
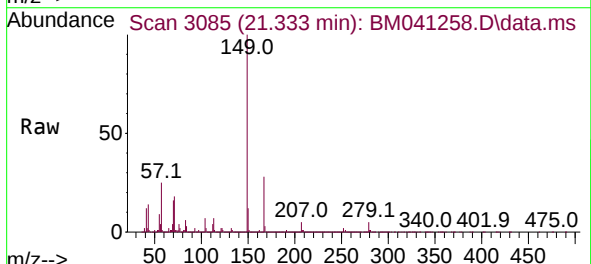
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

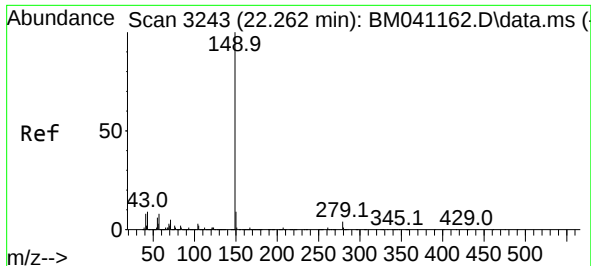
Tgt Ion:228 Resp: 2449423  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.5 36.7  
229 20.1 15.8 23.8



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 62.819 ng  
RT: 21.333 min Scan# 3085  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:149 Resp: 1931511  
Ion Ratio Lower Upper  
149 100  
167 28.3 21.0 31.6  
279 4.6 3.1 4.7

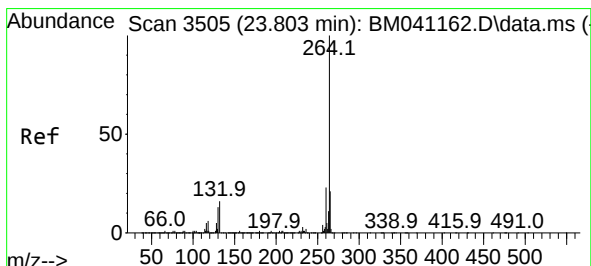
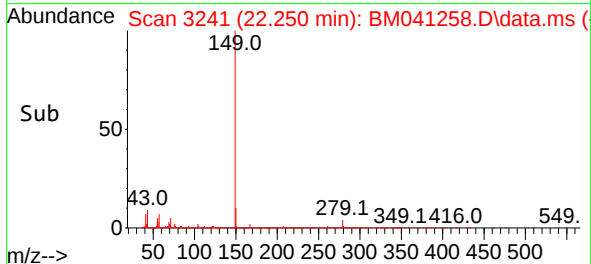
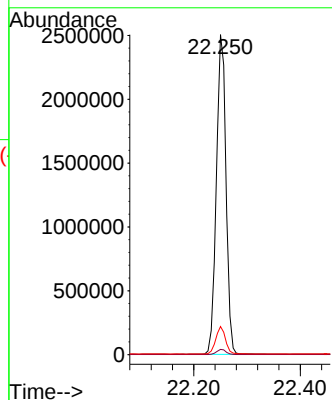
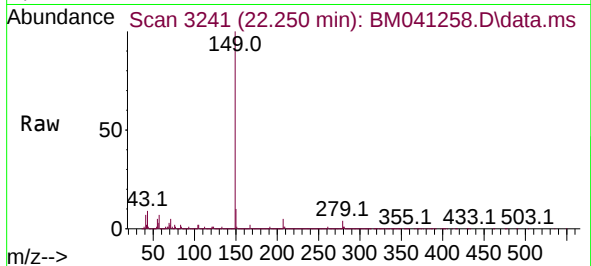




#85  
Di-n-octyl phthalate  
Concen: 65.107 ng  
RT: 22.250 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

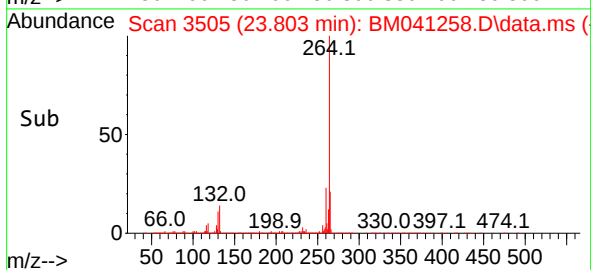
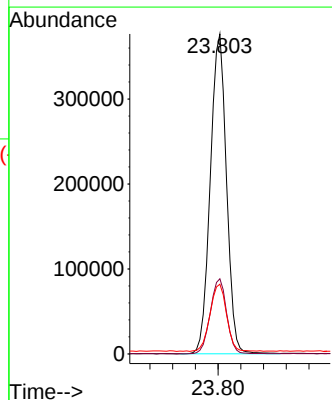
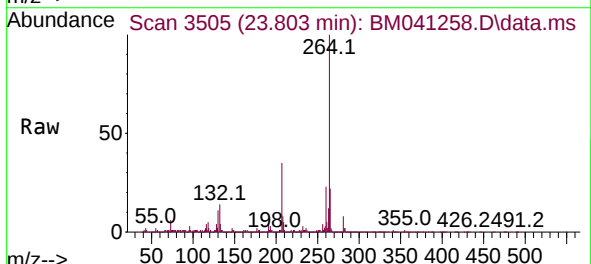
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

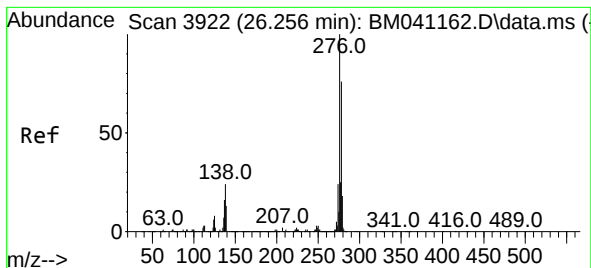
Tgt Ion:149 Resp: 3144453  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 8.6 8.3 12.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.803 min Scan# 3505  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:264 Resp: 744667  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.5 27.7  
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.028 ng

RT: 26.262 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

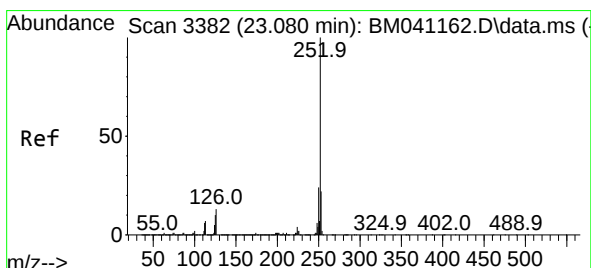
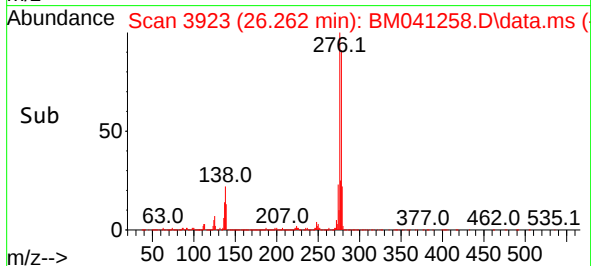
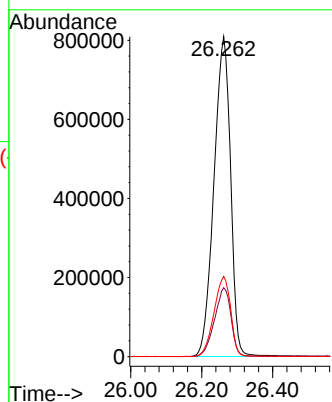
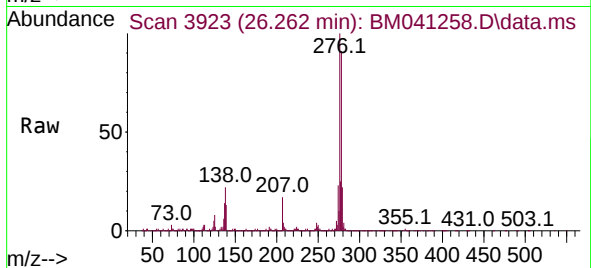
Tgt Ion:276 Resp: 2629479

Ion Ratio Lower Upper

276 100

138 21.4 20.0 30.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 54.829 ng

RT: 23.086 min Scan# 3383

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

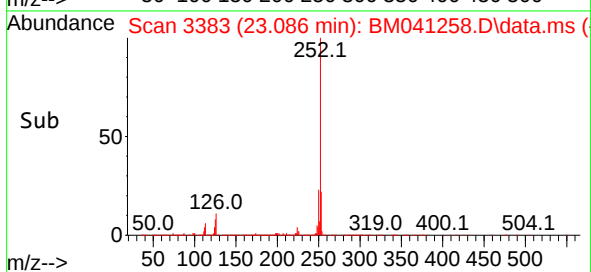
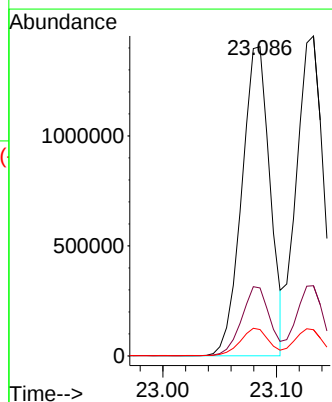
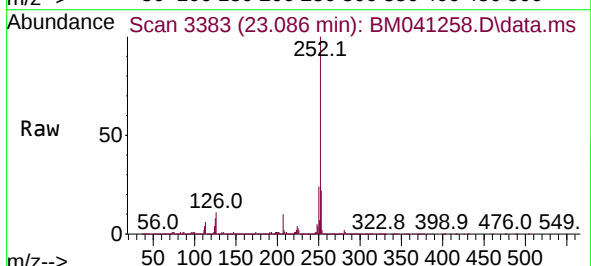
Tgt Ion:252 Resp: 2425497

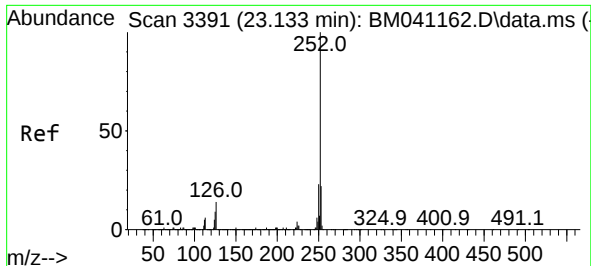
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.5 8.2 12.4

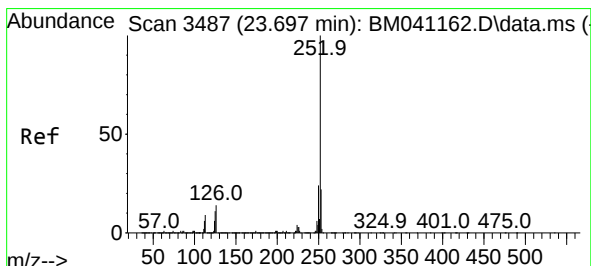
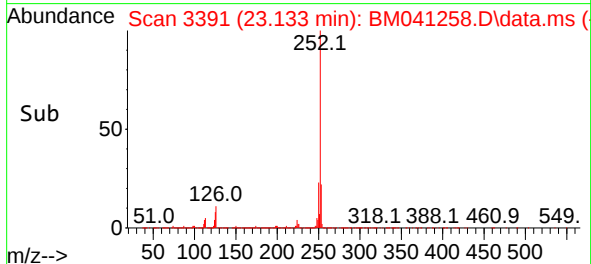
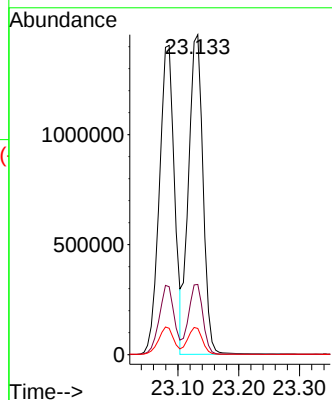
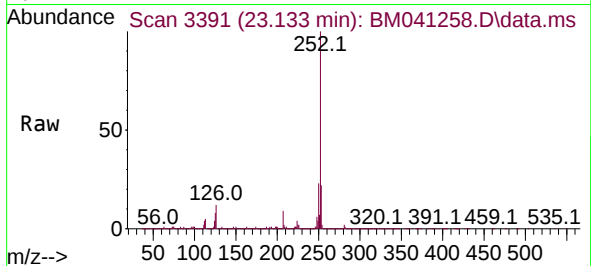




#89  
Benzo(k)fluoranthene  
Concen: 52.978 ng  
RT: 23.133 min Scan# 3391  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

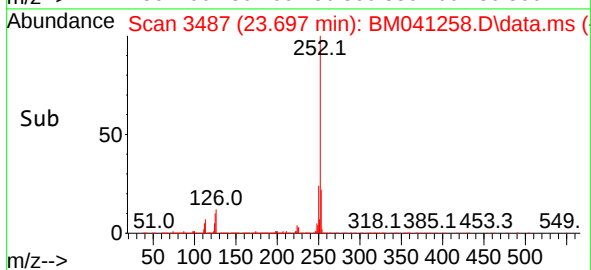
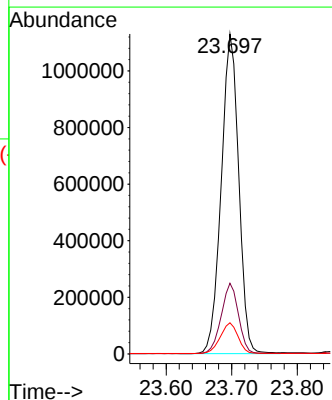
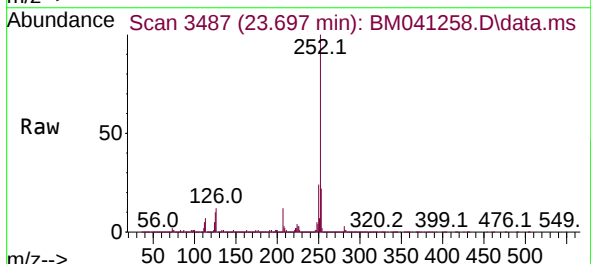
Instrument :  
BNA\_M  
ClientSampleId :  
B-P3BMSD

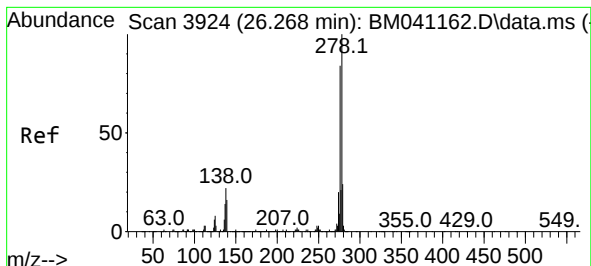
Tgt Ion:252 Resp: 2397323  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 8.2 7.6 11.4



#90  
Benzo(a)pyrene  
Concen: 49.414 ng  
RT: 23.697 min Scan# 3487  
Delta R.T. -0.000 min  
Lab File: BM041258.D  
Acq: 03 Aug 2023 12:16

Tgt Ion:252 Resp: 2100392  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.3 25.9  
125 9.7 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 48.461 ng

RT: 26.274 min Scan# 39

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Instrument :

BNA\_M

ClientSampleId :

B-P3BMSD

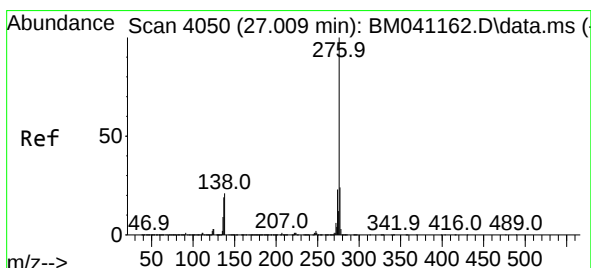
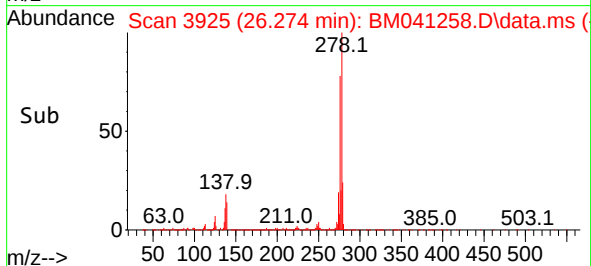
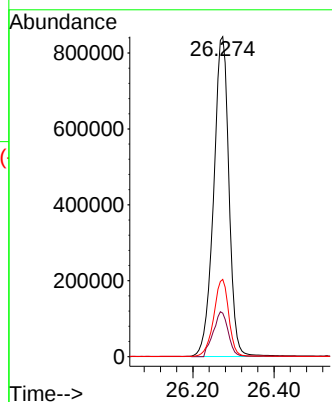
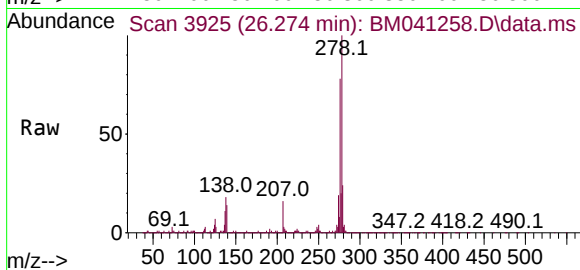
Tgt Ion:278 Resp: 2212993

Ion Ratio Lower Upper

278 100

139 13.6 12.7 19.1

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.301 ng

RT: 27.015 min Scan# 4051

Delta R.T. -0.000 min

Lab File: BM041258.D

Acq: 03 Aug 2023 12:16

Tgt Ion:276 Resp: 2068849

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 18.1 17.1 25.7

