

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051223\  
 Data File : BM039916.D  
 Acq On : 12 May 2023 13:25  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

Quant Time: May 13 01:04:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM051223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 13 01:00:49 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.037  | 152  | 445610   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.854 | 136  | 1918188  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.671 | 164  | 1066495  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.412 | 188  | 1937149  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.583 | 240  | 1356311  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.047 | 264  | 1151911  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.572  | 112  | 1175422  | 42.867 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.184  | 99   | 1528514  | 41.835 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.201  | 82   | 1358886  | 41.490 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.154 | 330  | 573809   | 34.360 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.301 | 172  | 3606218  | 43.253 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.030 | 244  | 4164099  | 55.566 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.437  | 88   | 227861   | 21.994 | ng    | 99       |
| 3) Pyridine                   | 3.843  | 79   | 650113   | 22.444 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.755  | 42   | 232322   | 22.007 | ng    | 100      |
| 6) Aniline                    | 7.354  | 93   | 930617   | 20.481 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.595  | 128  | 636000   | 20.731 | ng    | 99       |
| 9) Benzaldehyde               | 7.166  | 77   | 429680   | 24.759 | ng    | 100      |
| 10) Phenol                    | 7.207  | 94   | 768920   | 20.943 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.454  | 93   | 628256   | 20.434 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.925  | 146  | 658415   | 20.738 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.072  | 146  | 674750   | 20.720 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.390  | 146  | 673651   | 20.921 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.272  | 79   | 493990   | 20.299 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.572  | 45   | 717834   | 21.028 | ng    | 100      |
| 17) 2-Methylphenol            | 8.472  | 107  | 562328   | 20.847 | ng    | 98       |
| 18) Hexachloroethane          | 9.125  | 117  | 231189   | 20.405 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.848  | 70   | 503615   | 20.768 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.801  | 107  | 734709   | 20.486 | ng    | 99       |
| 22) Acetophenone              | 8.860  | 105  | 1046301  | 20.681 | ng    | 99       |
| 24) Nitrobenzene              | 9.242  | 77   | 696358   | 21.031 | ng    | 97       |
| 25) Isophorone                | 9.772  | 82   | 1363928  | 20.221 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.960  | 139  | 206097   | 17.752 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 10.013 | 122  | 575294   | 20.051 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.260 | 93   | 828581   | 20.043 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.489 | 162  | 537447   | 19.720 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.713 | 180  | 585670   | 19.656 | ng    | 97       |
| 31) Naphthalene               | 10.901 | 128  | 2134367  | 20.508 | ng    | 100      |
| 32) Benzoic acid              | 10.113 | 122  | 216555   | 14.205 | ng    | 96       |
| 33) 4-Chloroaniline           | 11.007 | 127  | 900188   | 19.762 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.195 | 225  | 333864   | 19.658 | ng    | 97       |
| 35) Caprolactam               | 11.766 | 113  | 146886   | 18.032 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.119 | 107  | 563459   | 19.341 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.507 | 142  | 1440716  | 19.433 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.725 | 142  | 1338475  | 19.165 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.872 | 216  | 640649   | 19.912 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.854 | 237  | 232083   | 16.106 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.101 | 196  | 384764   | 19.575 | ng    | 99       |

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 ALS Vial : 5 Sample Multiplier: 1

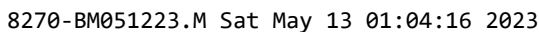
Instrument :  
 BNA\_M  
 ClientSampleId :  
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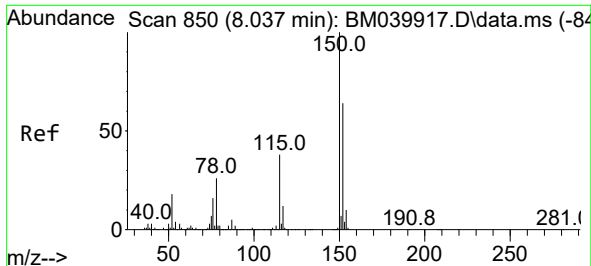
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 13 01:00:49 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.172 | 196  | 448573   | 19.342 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.507 | 154  | 1815188  | 20.546 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.548 | 162  | 1366213  | 20.848 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.748 | 65   | 254662   | 19.820 | ng    | 98       |
| 49) Acenaphthylene            | 14.395 | 152  | 2150495  | 20.350 | ng    | 98       |
| 50) Dimethylphthalate         | 14.130 | 163  | 1609328  | 19.350 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.242 | 165  | 282126   | 18.947 | ng    | 92       |
| 52) Acenaphthene              | 14.736 | 154  | 1355094  | 20.156 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.566 | 138  | 322411   | 18.832 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.766 | 184  | 71405    | 12.893 | ng    | 93       |
| 55) Dibenzofuran              | 15.066 | 168  | 2048072  | 19.958 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.860 | 139  | 251392   | 17.419 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 15.024 | 165  | 337518   | 17.880 | ng    | 99       |
| 58) Fluorene                  | 15.713 | 166  | 1756732  | 19.482 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.283 | 232  | 351371   | 18.443 | ng    | 97       |
| 60) Diethylphthalate          | 15.489 | 149  | 1630319  | 19.012 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.713 | 204  | 844791   | 18.879 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.724 | 138  | 354795   | 18.914 | ng    | 98       |
| 63) Azobenzene                | 16.001 | 77   | 1707229  | 20.810 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.783 | 198  | 111390   | 14.316 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.918 | 169  | 1385962  | 20.761 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.601 | 248  | 442379   | 19.627 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.713 | 284  | 516189   | 19.451 | ng    | 95       |
| 69) Atrazine                  | 16.871 | 200  | 326579   | 19.145 | ng    | 98       |
| 70) Pentachlorophenol         | 17.054 | 266  | 290966   | 16.961 | ng    | 98       |
| 71) Phenanthrene              | 17.454 | 178  | 2303213  | 20.140 | ng    | 100      |
| 72) Anthracene                | 17.542 | 178  | 2300882  | 20.105 | ng    | 100      |
| 73) Carbazole                 | 17.812 | 167  | 2004947  | 19.410 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.383 | 149  | 2237724  | 19.218 | ng    | 99       |
| 75) Fluoranthene              | 19.459 | 202  | 2049882  | 17.850 | ng    | 98       |
| 77) Benzidine                 | 19.648 | 184  | 391793   | 21.480 | ng    | 99       |
| 78) Pyrene                    | 19.824 | 202  | 2146675  | 22.295 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.724 | 149  | 493292   | 16.431 | ng    | 89       |
| 81) Benzo(a)anthracene        | 21.571 | 228  | 1877285  | 20.148 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.500 | 252  | 418591   | 15.775 | ng #  | 98       |
| 83) Chrysene                  | 21.624 | 228  | 1806749  | 20.585 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.506 | 149  | 923727   | 17.072 | ng #  | 94       |
| 85) Di-n-octyl phthalate      | 22.465 | 149  | 1204402  | 15.173 | ng #  | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.612 | 276  | 1618763  | 19.854 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.294 | 252  | 1441358  | 19.163 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.342 | 252  | 1606025  | 19.791 | ng #  | 98       |
| 90) Benzo(a)pyrene            | 23.936 | 252  | 1340507  | 19.282 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.641 | 278  | 1394278  | 19.715 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.400 | 276  | 1249376  | 20.512 | ng    | 98       |

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

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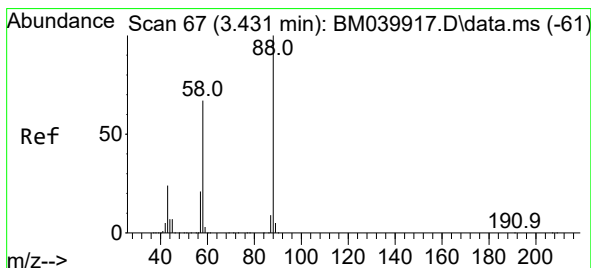
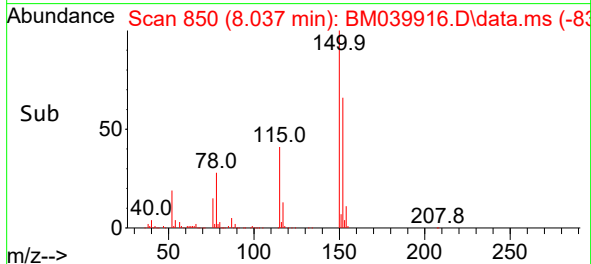
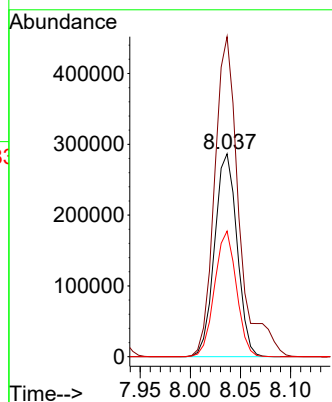
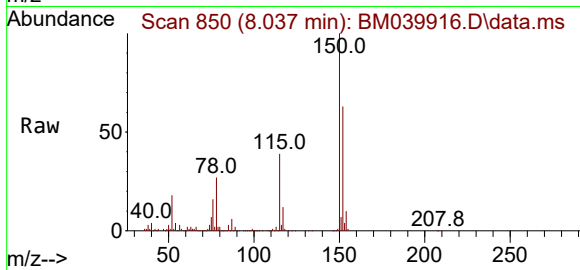




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.037 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

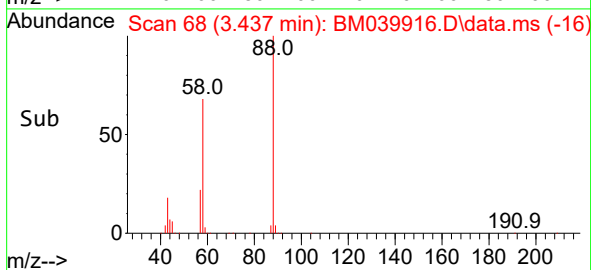
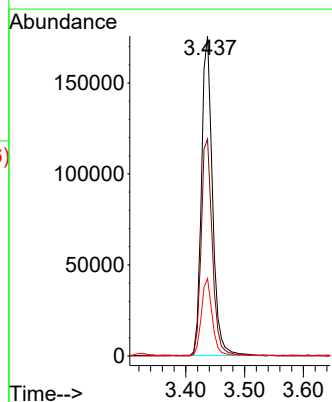
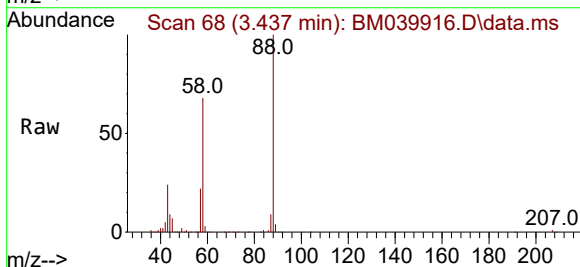
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

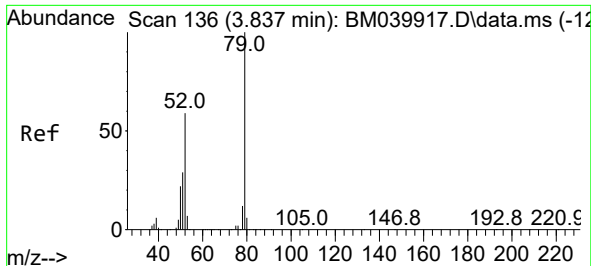
Tgt Ion:152 Resp: 445610  
Ion Ratio Lower Upper  
152 100  
150 157.7 125.0 187.4  
115 61.9 47.0 70.6



#2  
1,4-Dioxane  
Concen: 21.994 ng  
RT: 3.437 min Scan# 68  
Delta R.T. 0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion: 88 Resp: 227861  
Ion Ratio Lower Upper  
88 100  
58 69.1 54.4 81.6  
43 23.9 19.1 28.7

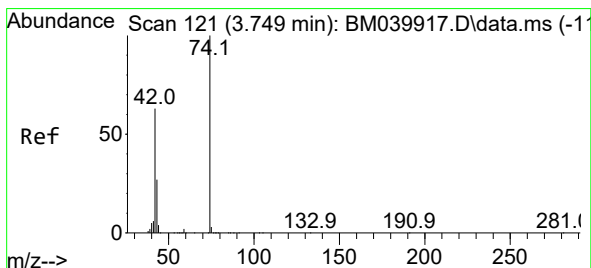
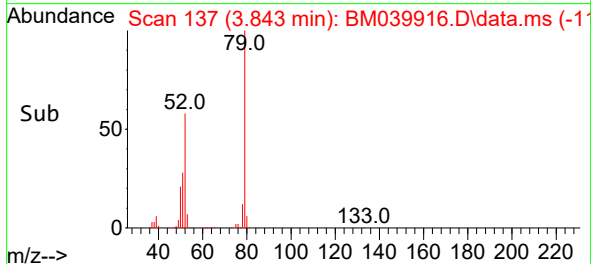
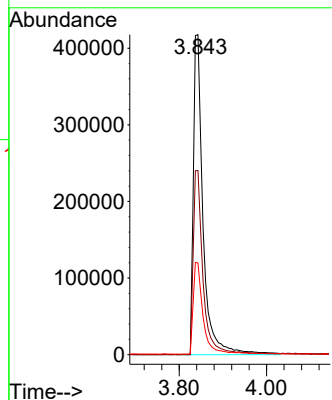
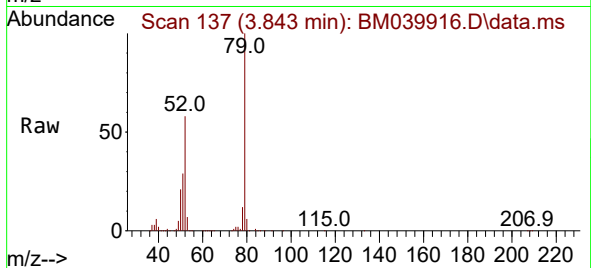




#3  
Pyridine  
Concen: 22.444 ng  
RT: 3.843 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

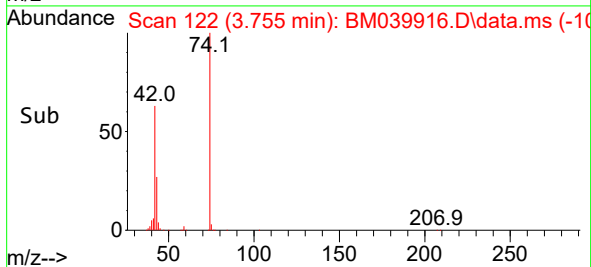
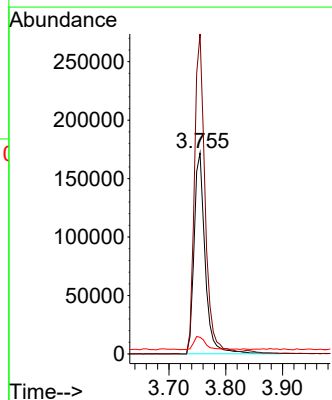
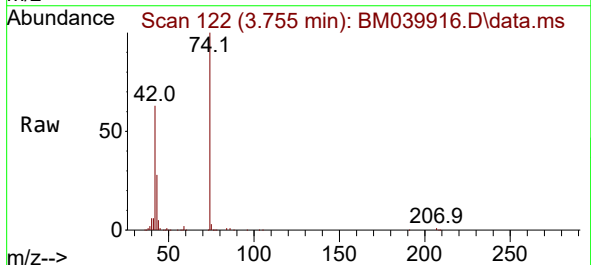
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ClientSampleId :  
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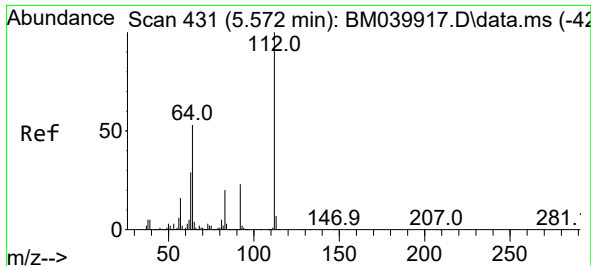
Tgt Ion: 79 Resp: 650113  
Ion Ratio Lower Upper  
79 100  
52 57.6 46.8 70.2  
51 28.6 23.6 35.4



#4  
n-Nitrosodimethylamine  
Concen: 22.007 ng  
RT: 3.755 min Scan# 122  
Delta R.T. 0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion: 42 Resp: 232322  
Ion Ratio Lower Upper  
42 100  
74 159.2 127.8 191.6  
44 8.3 5.8 8.8

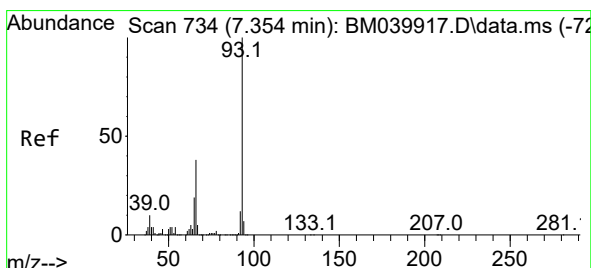
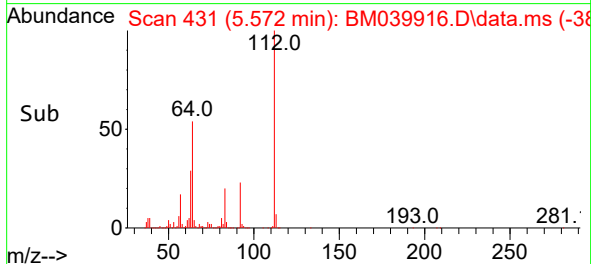
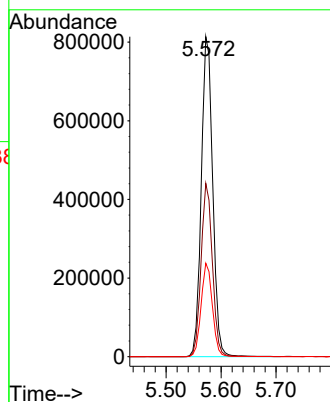
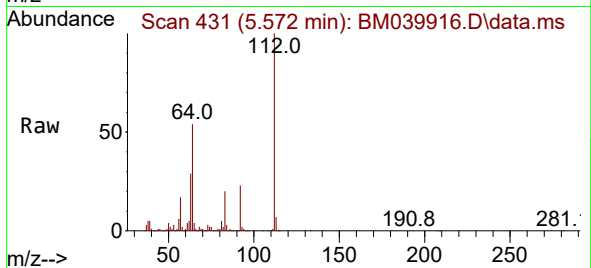




#5  
2-Fluorophenol  
Concen: 42.867 ng  
RT: 5.572 min Scan# 431  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

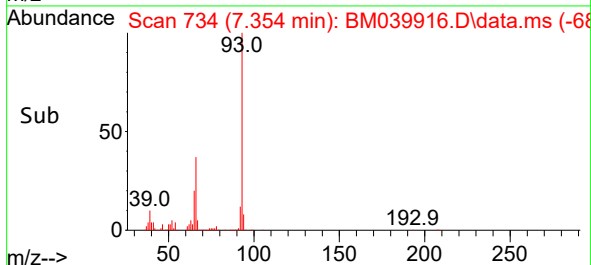
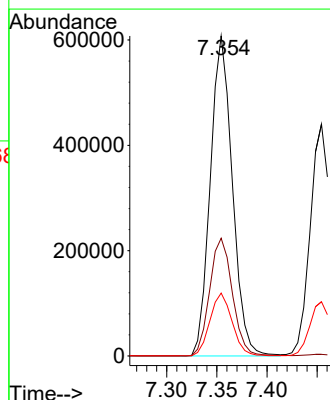
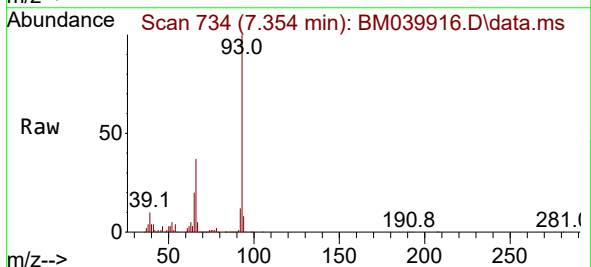
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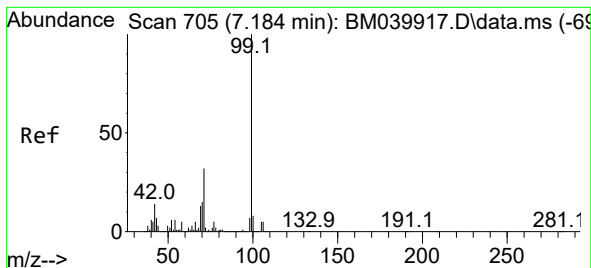
Tgt Ion:112 Resp: 1175422  
Ion Ratio Lower Upper  
112 100  
64 54.1 42.6 64.0  
63 29.2 23.3 34.9



#6  
Aniline  
Concen: 20.481 ng  
RT: 7.354 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion: 93 Resp: 930617  
Ion Ratio Lower Upper  
93 100  
66 36.8 30.4 45.6  
65 19.6 15.5 23.3





#7

Phenol-d6

Concen: 41.835 ng

RT: 7.184 min Scan# 705

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

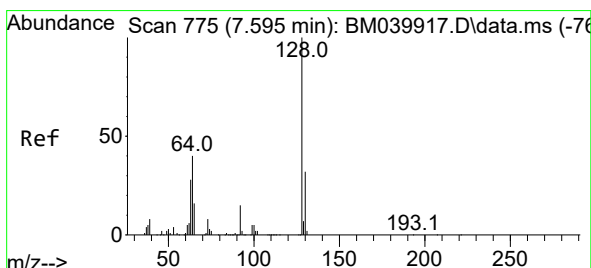
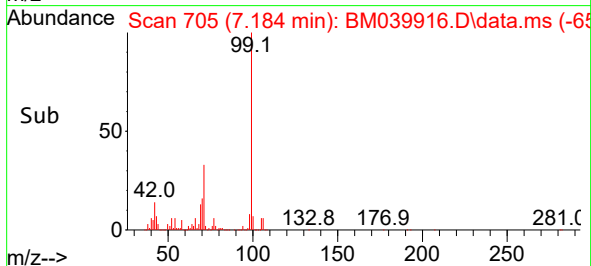
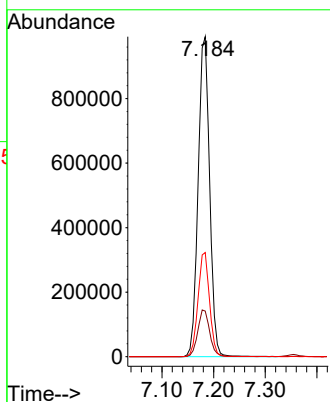
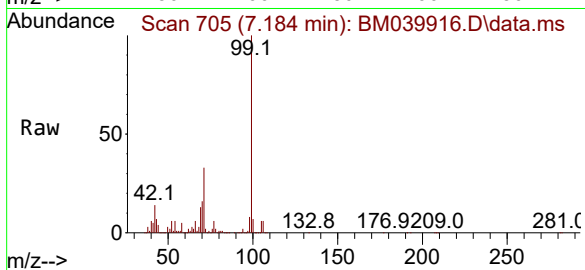
Tgt Ion: 99 Resp: 1528514

Ion Ratio Lower Upper

99 100

42 14.3 11.5 17.3

71 32.6 25.7 38.5



#8

2-Chlorophenol

Concen: 20.731 ng

RT: 7.595 min Scan# 775

Delta R.T. 0.000 min

Lab File: BM039916.D

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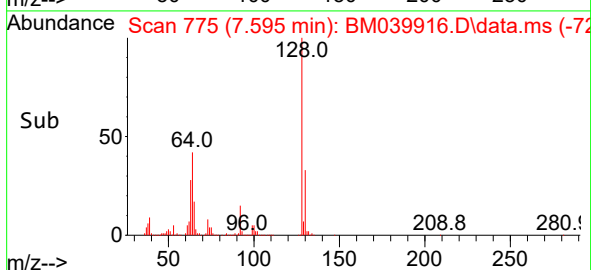
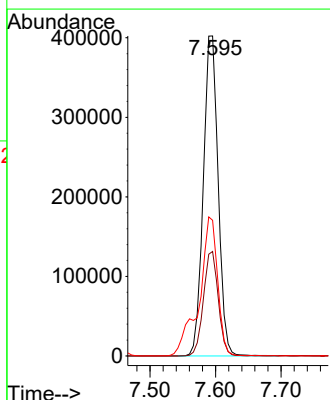
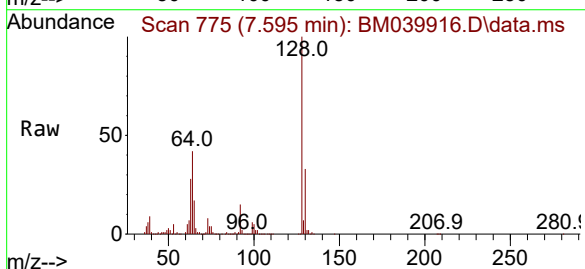
Tgt Ion: 128 Resp: 636000

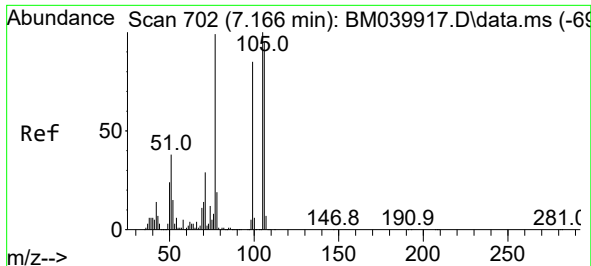
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 42.4 21.8 61.8

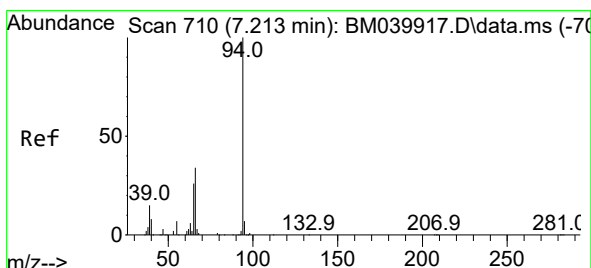
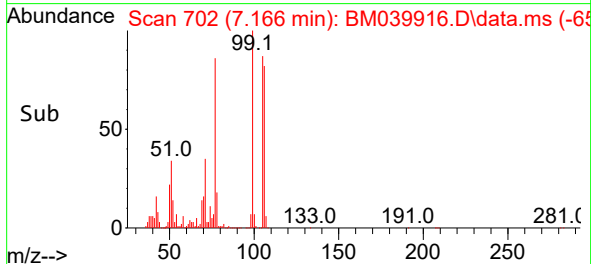
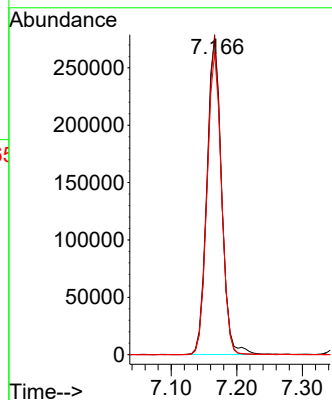
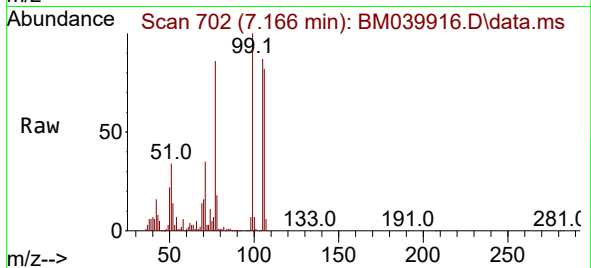




#9  
Benzaldehyde  
Concen: 24.759 ng  
RT: 7.166 min Scan# 702  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

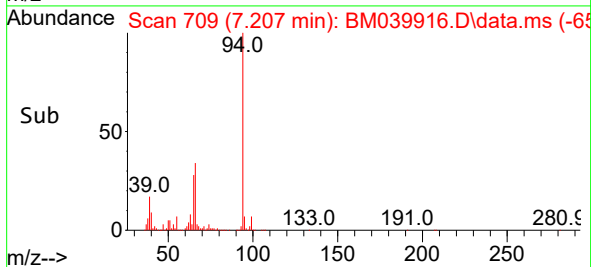
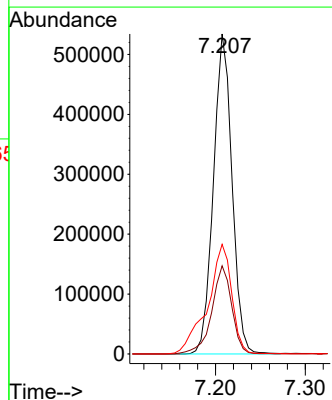
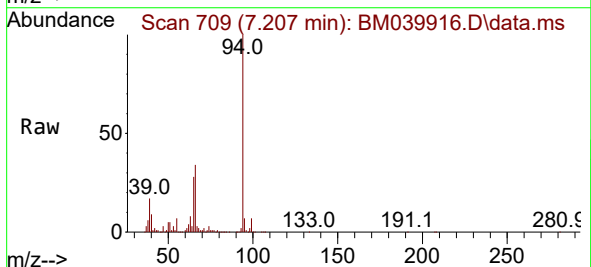
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

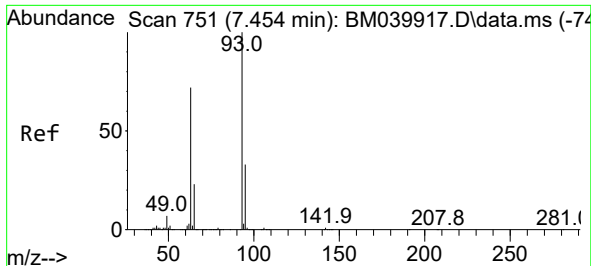
Tgt Ion: 77 Resp: 429680  
Ion Ratio Lower Upper  
77 100  
105 101.3 81.2 121.2  
106 95.7 76.2 116.2



#10  
Phenol  
Concen: 20.943 ng  
RT: 7.207 min Scan# 709  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion: 94 Resp: 768920  
Ion Ratio Lower Upper  
94 100  
65 27.5 6.4 46.4  
66 34.2 14.7 54.7

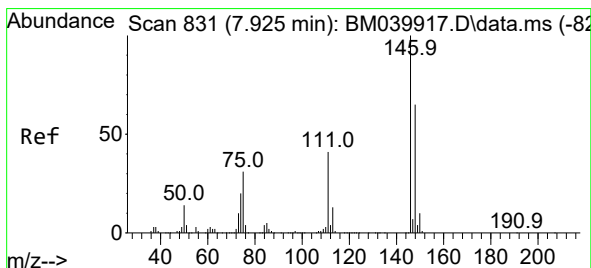
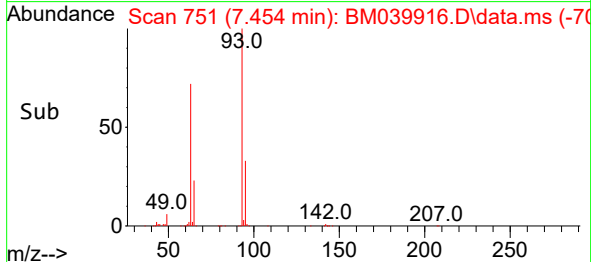
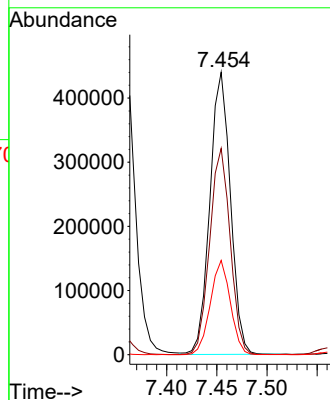
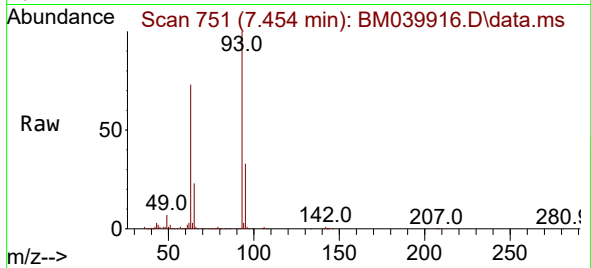




#11  
bis(2-Chloroethyl)ether  
Concen: 20.434 ng  
RT: 7.454 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

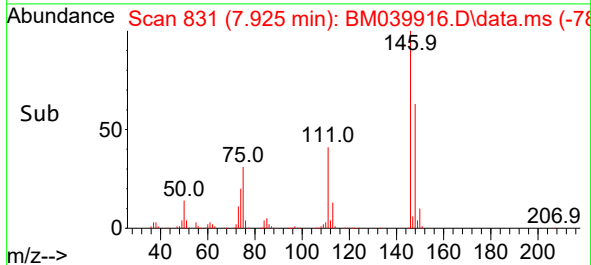
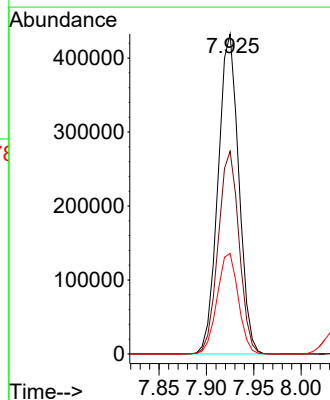
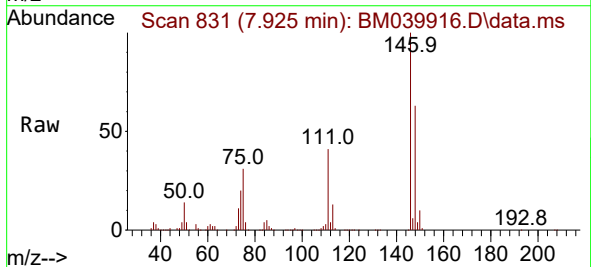
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

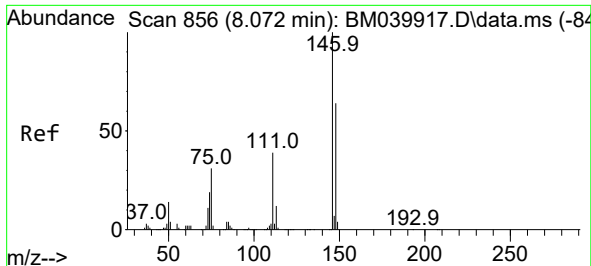
Tgt Ion: 93 Resp: 628256  
Ion Ratio Lower Upper  
93 100  
63 73.0 52.0 92.0  
95 33.4 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 20.738 ng  
RT: 7.925 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:146 Resp: 658415  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.7 77.5  
75 31.4 24.7 37.1

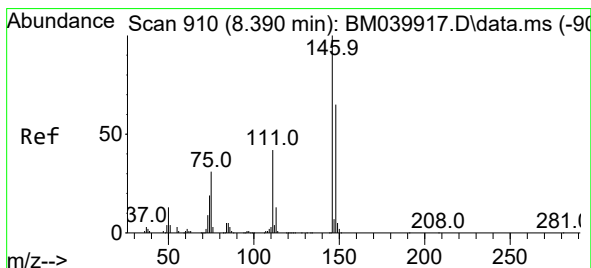
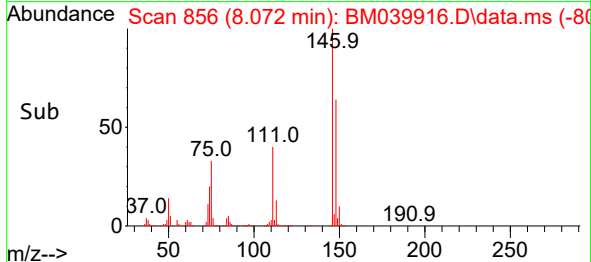
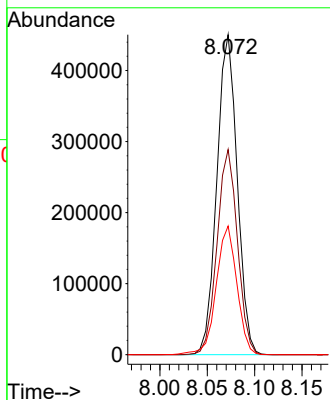
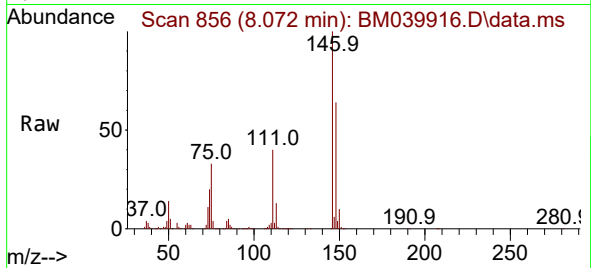




#13  
1,4-Dichlorobenzene  
Concen: 20.720 ng  
RT: 8.072 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

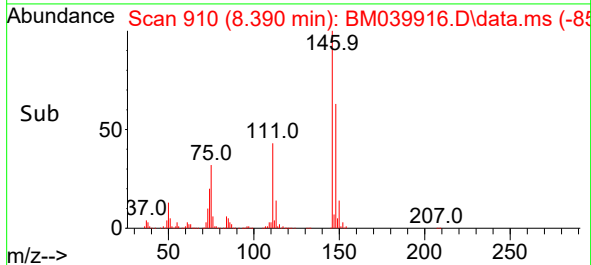
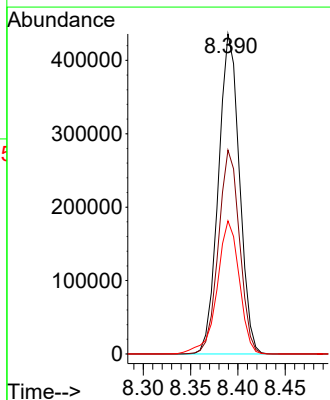
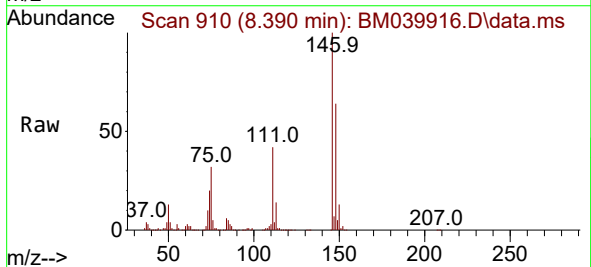
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

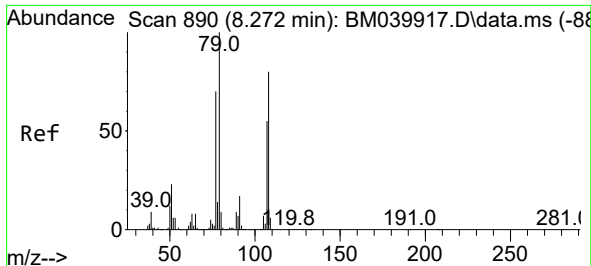
Tgt Ion:146 Resp: 674750  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.4 77.0  
111 40.2 31.5 47.3



#14  
1,2-Dichlorobenzene  
Concen: 20.921 ng  
RT: 8.390 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:146 Resp: 673651  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.9 77.9  
111 41.6 34.0 51.0

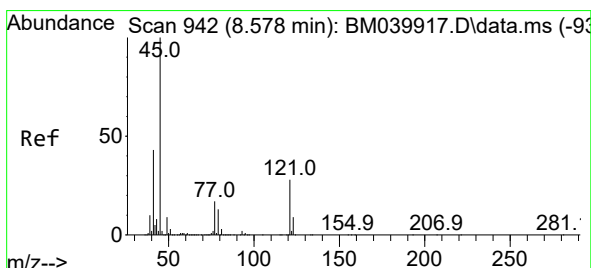
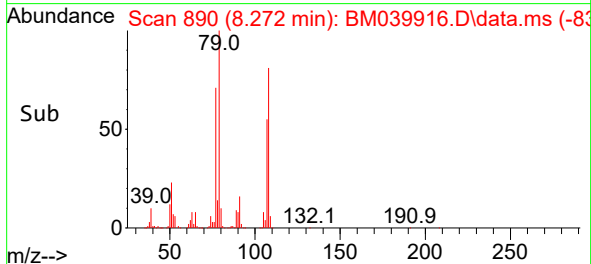
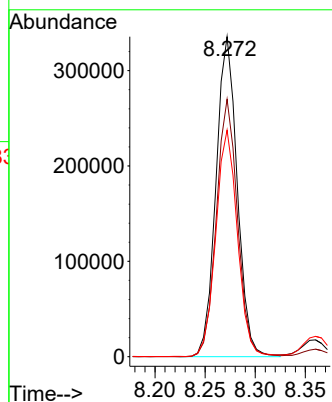
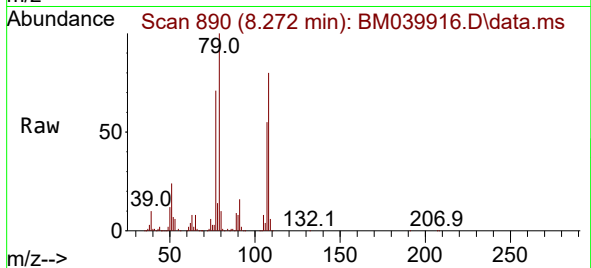




#15  
Benzyl Alcohol  
Concen: 20.299 ng  
RT: 8.272 min Scan# 890  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

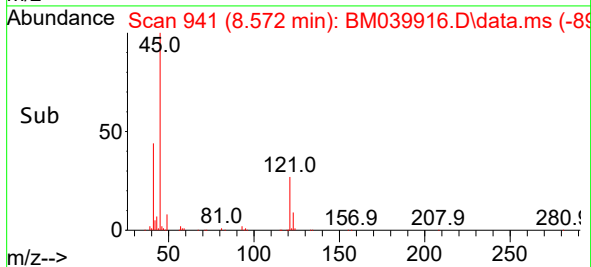
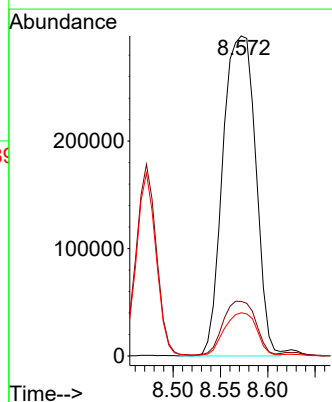
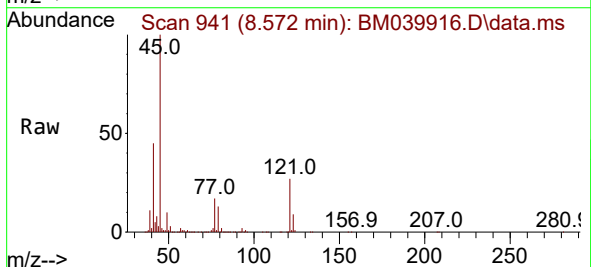
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

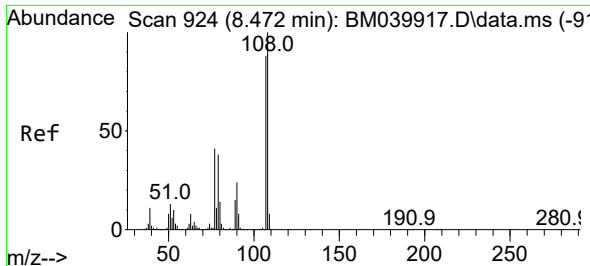
Tgt Ion: 79 Resp: 493990  
Ion Ratio Lower Upper  
79 100  
108 80.5 63.7 95.5  
77 70.8 55.8 83.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 21.028 ng  
RT: 8.572 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion: 45 Resp: 717834  
Ion Ratio Lower Upper  
45 100  
77 17.0 0.0 37.3  
79 13.5 0.0 33.6





#17

2-Methylphenol

Concen: 20.847 ng

RT: 8.472 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 562328

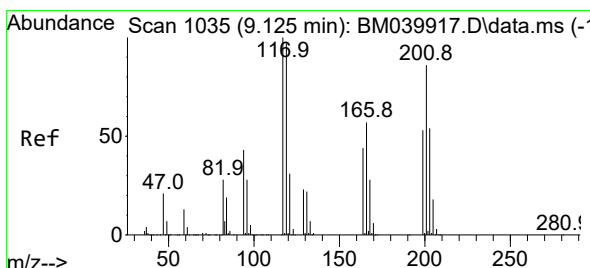
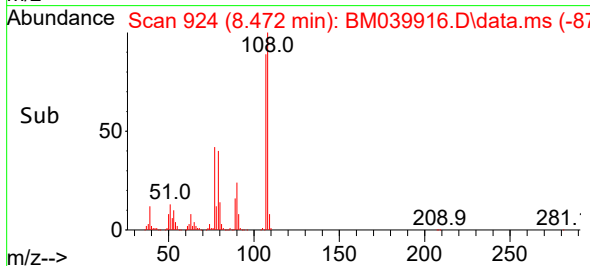
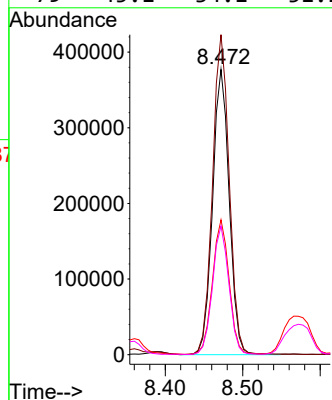
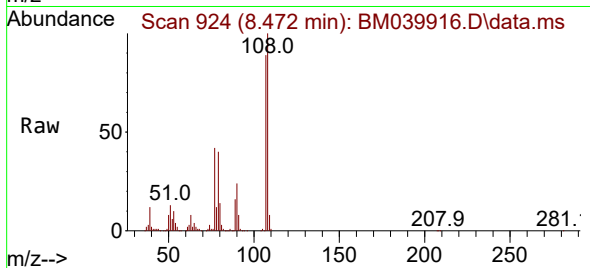
Ion Ratio Lower Upper

107 100

108 112.2 90.7 136.1

77 47.3 36.9 55.3

79 45.1 34.1 51.1



#18

Hexachloroethane

Concen: 20.405 ng

RT: 9.125 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

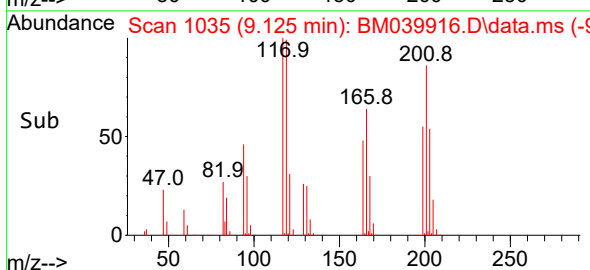
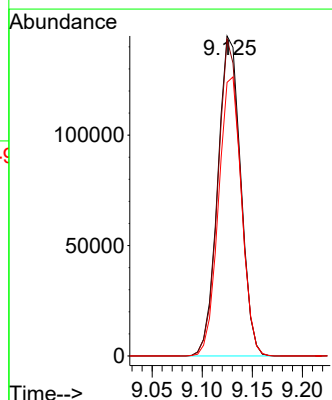
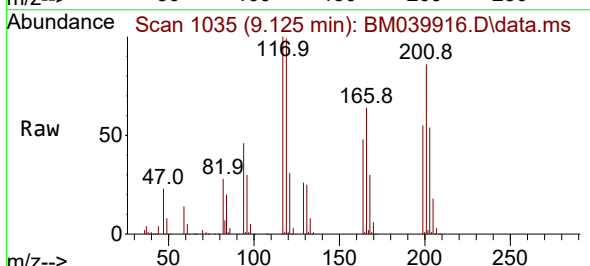
Tgt Ion:117 Resp: 231189

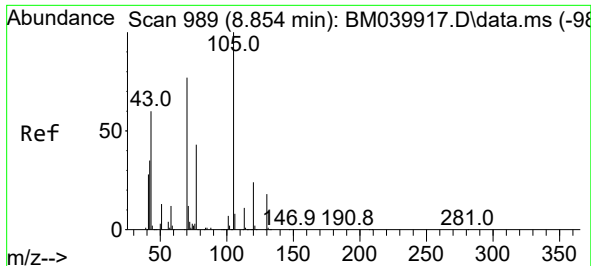
Ion Ratio Lower Upper

117 100

119 99.0 77.5 116.3

201 85.5 69.2 103.8

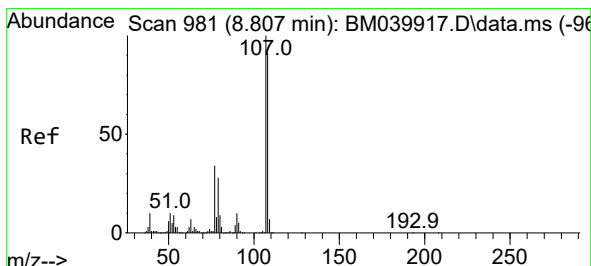
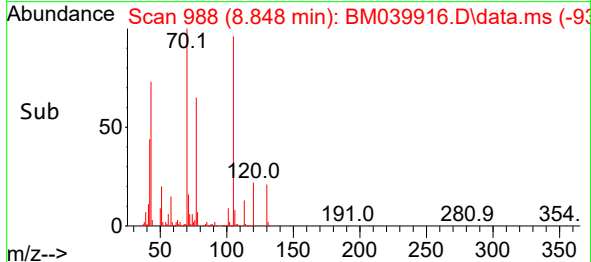
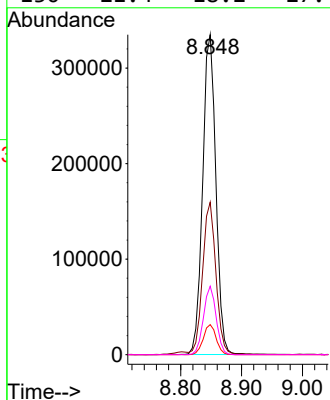
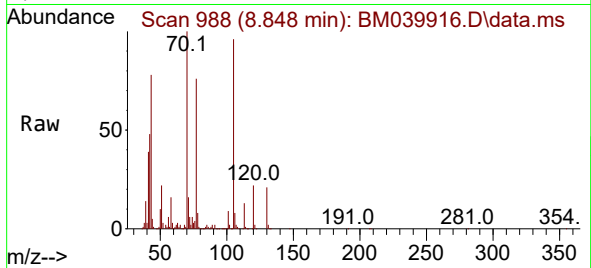




#19  
n-Nitroso-di-n-propylamine  
Concen: 20.768 ng  
RT: 8.848 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

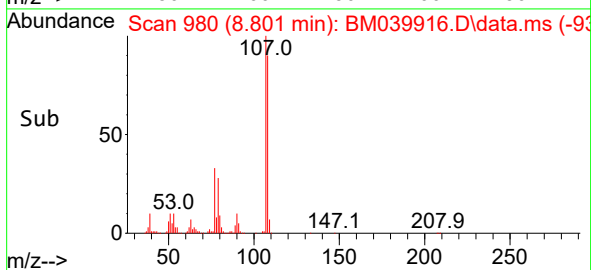
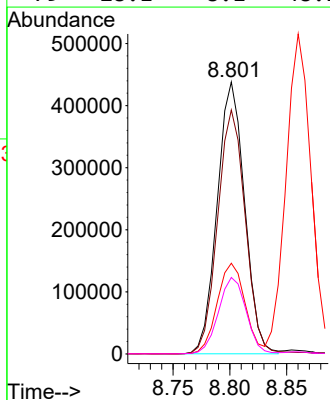
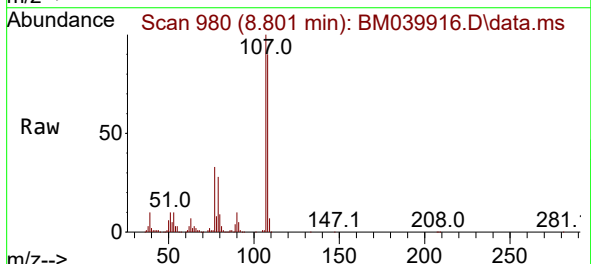
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

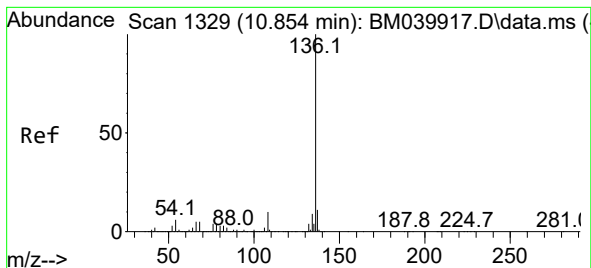
Tgt Ion: 70 Resp: 503615  
Ion Ratio Lower Upper  
70 100  
42 47.7 37.1 55.7  
101 9.4 7.7 11.5  
130 21.4 18.2 27.4



#20  
3+4-Methylphenols  
Concen: 20.486 ng  
RT: 8.801 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion: 107 Resp: 734709  
Ion Ratio Lower Upper  
107 100  
108 89.7 71.0 111.0  
77 33.4 13.7 53.7  
79 28.1 8.1 48.1

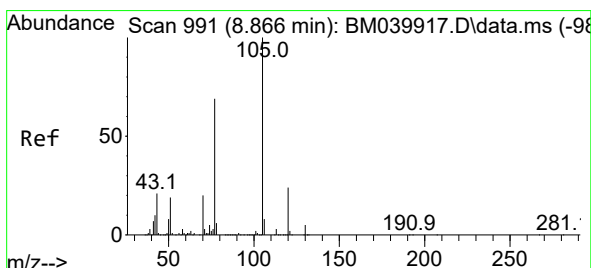
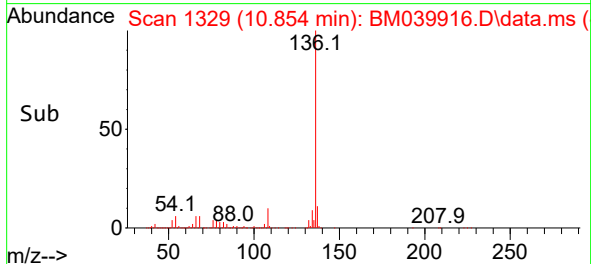
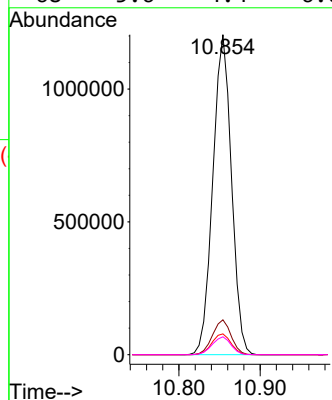
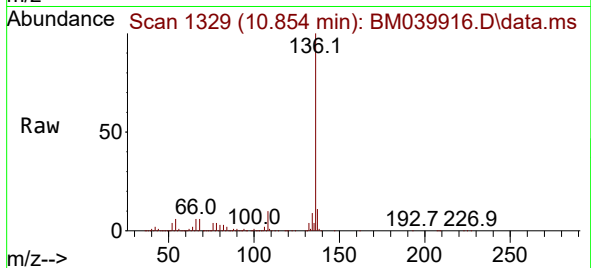




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.854 min Scan# 1329  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

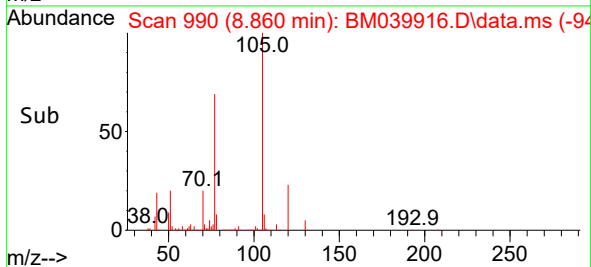
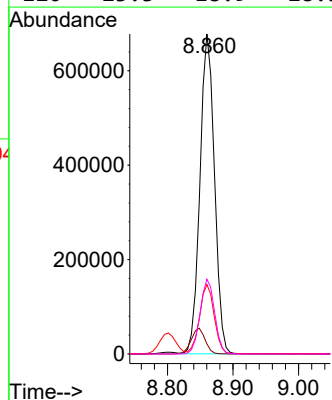
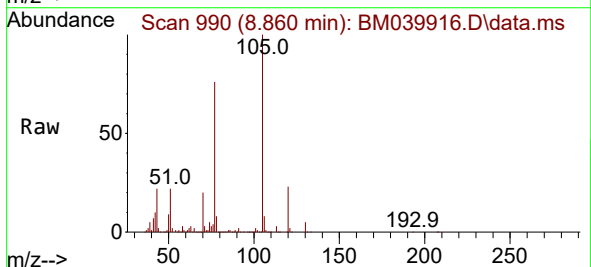
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

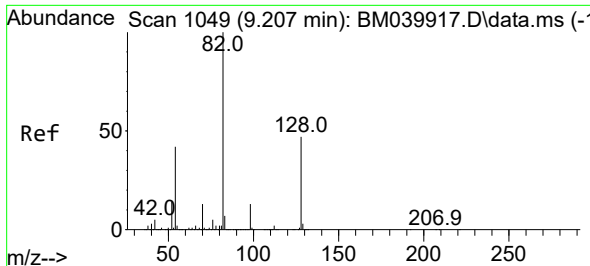
Tgt Ion:136 Resp: 1918188  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 6.5 5.2 7.8  
68 5.6 4.4 6.6



#22  
Acetophenone  
Concen: 20.681 ng  
RT: 8.860 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:105 Resp: 1046301  
Ion Ratio Lower Upper  
105 100  
71 3.2 2.7 4.1  
51 21.7 16.5 24.7  
120 23.3 18.9 28.3





#23

Nitrobenzene-d5

Concen: 41.490 ng

RT: 9.201 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

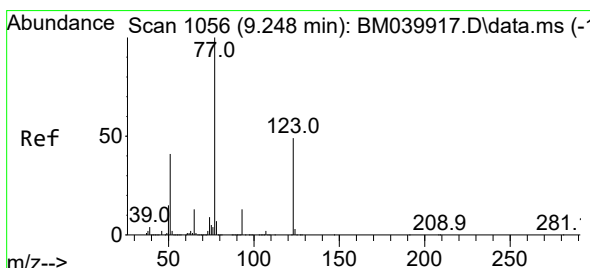
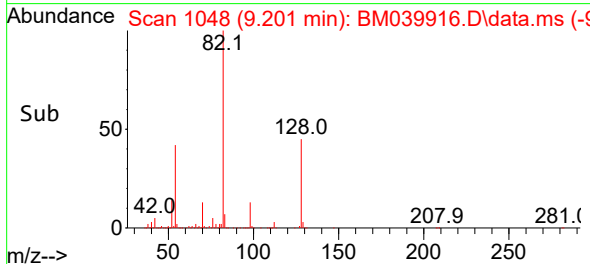
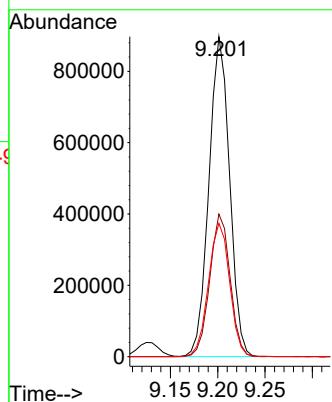
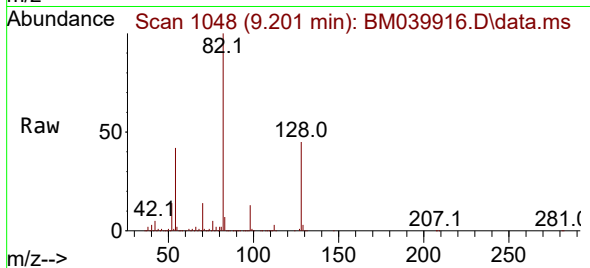
BNA\_M

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 1358886

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.5  | 37.2  | 55.8  |
| 54  | 41.7  | 33.5  | 50.3  |



#24

Nitrobenzene

Concen: 21.031 ng

RT: 9.242 min Scan# 1055

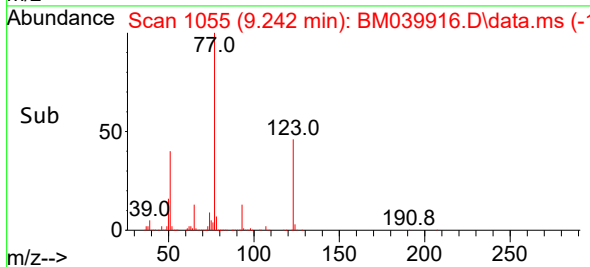
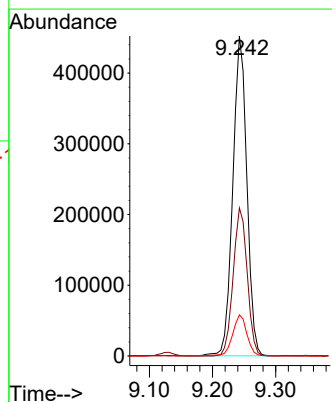
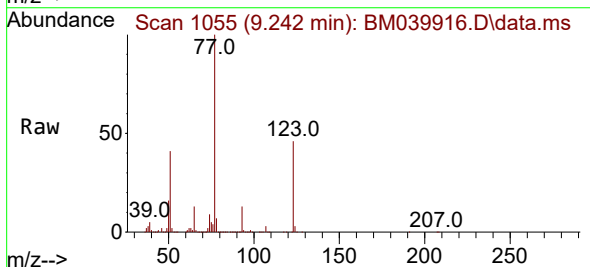
Delta R.T. -0.006 min

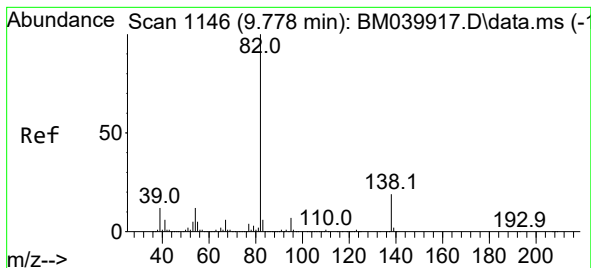
Lab File: BM039916.D

Acq: 12 May 2023 13:25

Tgt Ion: 77 Resp: 696358

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.2  | 39.3  | 58.9  |
| 65  | 12.8  | 10.4  | 15.6  |





#25

Isophorone

Concen: 20.221 ng

RT: 9.772 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

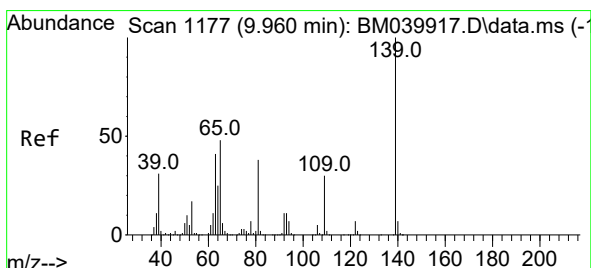
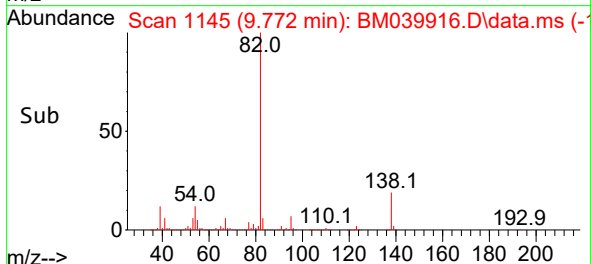
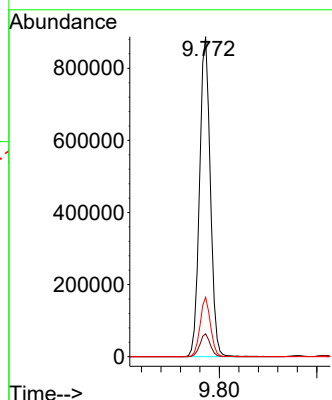
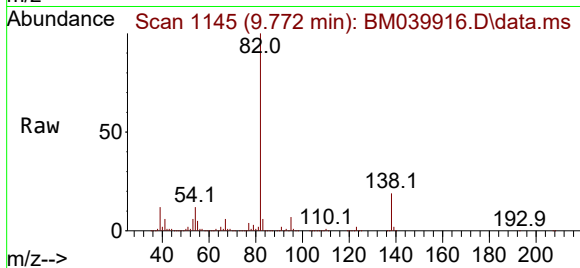
Tgt Ion: 82 Resp: 1363928

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 18.5 15.2 22.8



#26

2-Nitrophenol

Concen: 17.752 ng

RT: 9.960 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

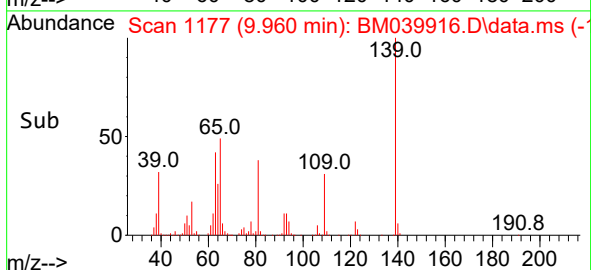
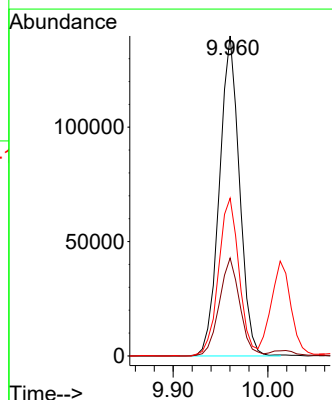
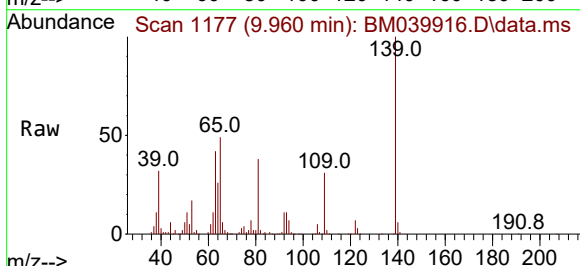
Tgt Ion:139 Resp: 206097

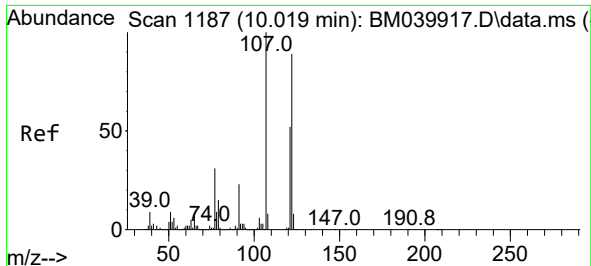
Ion Ratio Lower Upper

139 100

109 30.6 24.2 36.2

65 49.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 20.051 ng

RT: 10.013 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

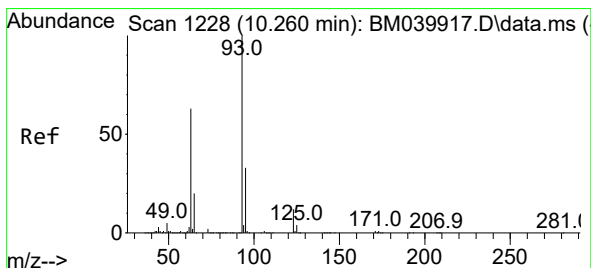
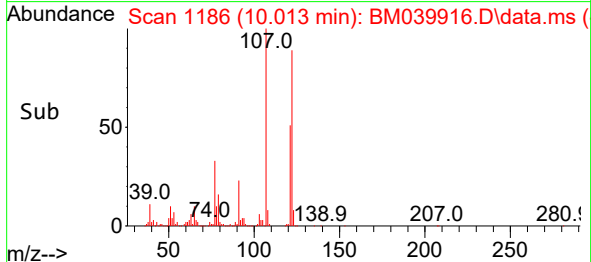
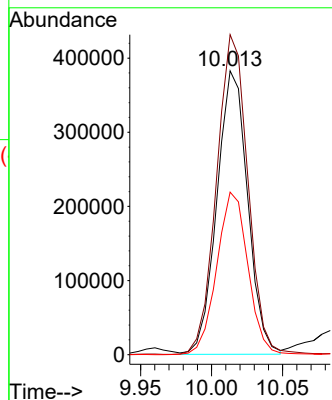
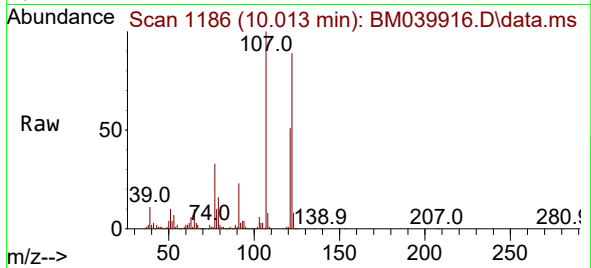
Tgt Ion:122 Resp: 575294

Ion Ratio Lower Upper

122 100

107 112.7 90.1 135.1

121 57.3 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.043 ng

RT: 10.260 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

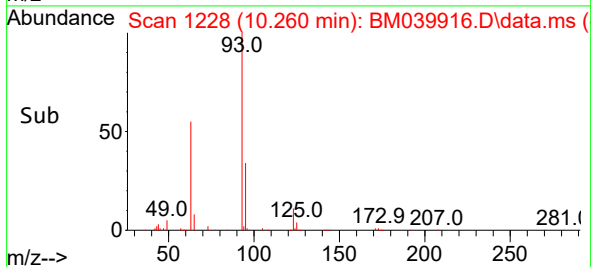
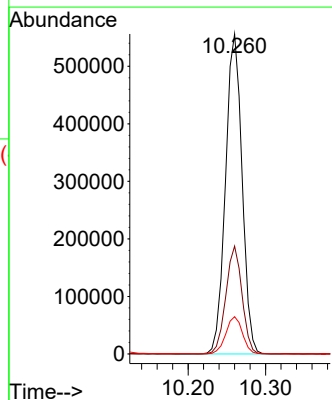
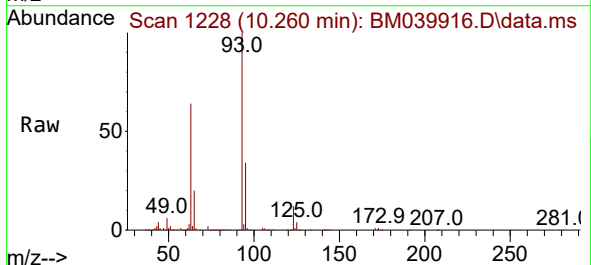
Tgt Ion: 93 Resp: 828581

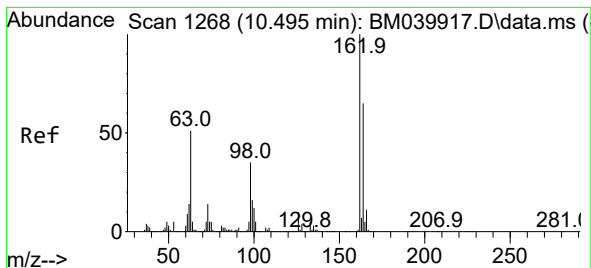
Ion Ratio Lower Upper

93 100

95 33.7 26.2 39.4

123 11.7 9.6 14.4

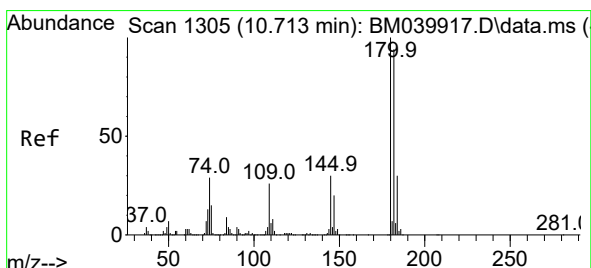
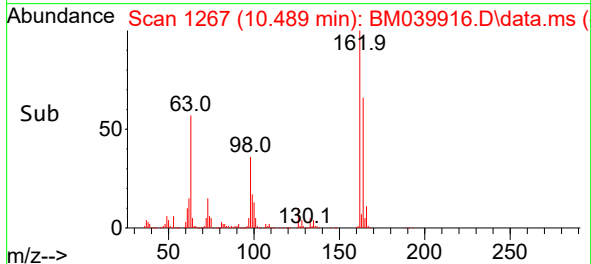
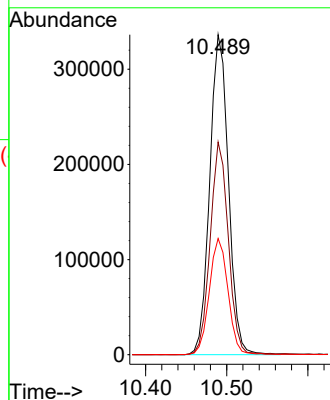
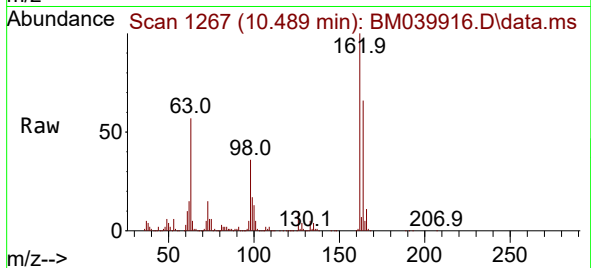




#29  
2,4-Dichlorophenol  
Concen: 19.720 ng  
RT: 10.489 min Scan# 1267  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

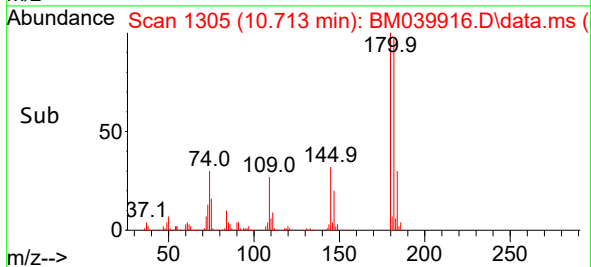
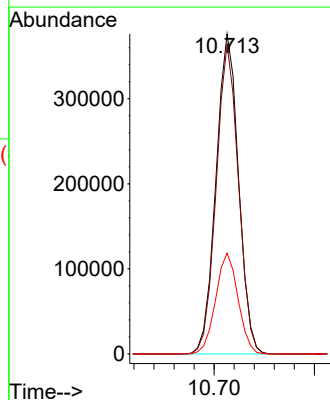
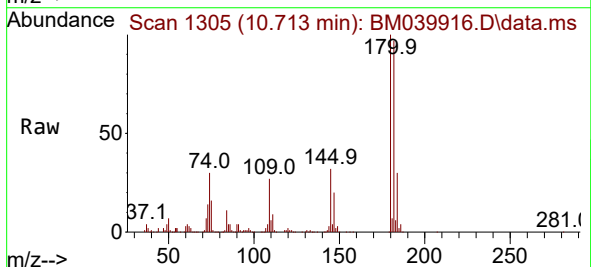
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

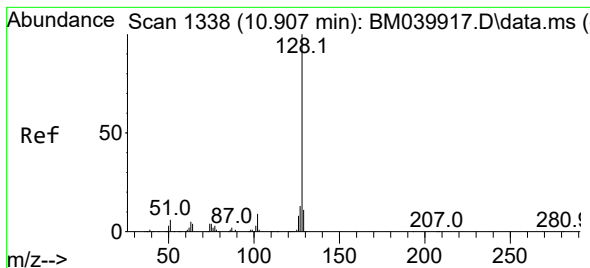
Tgt Ion:162 Resp: 537447  
Ion Ratio Lower Upper  
162 100  
164 66.5 45.3 85.3  
98 36.3 14.9 54.9



#30  
1,2,4-Trichlorobenzene  
Concen: 19.656 ng  
RT: 10.713 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:180 Resp: 585670  
Ion Ratio Lower Upper  
180 100  
182 96.8 75.3 112.9  
145 31.5 24.2 36.4

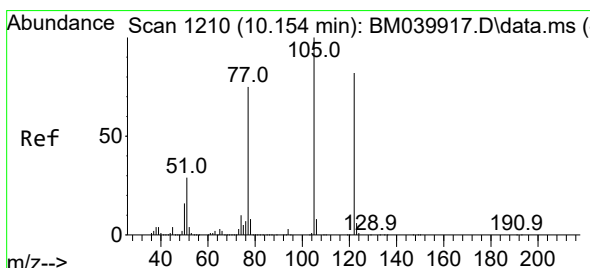
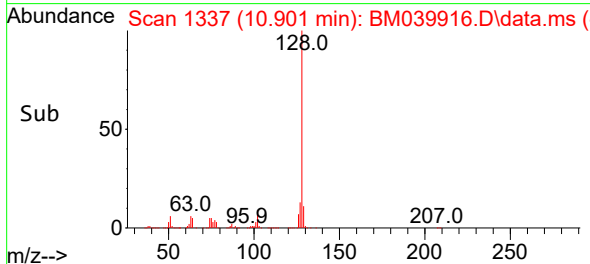
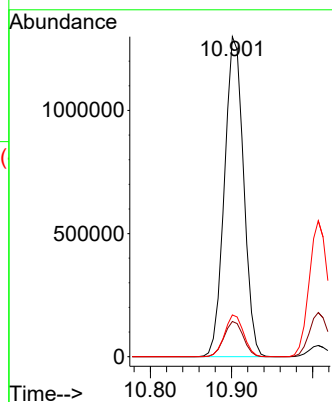
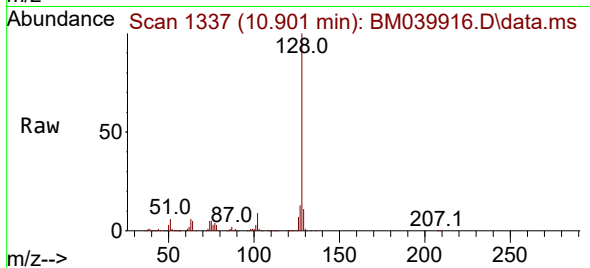




#31  
Naphthalene  
Concen: 20.508 ng  
RT: 10.901 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

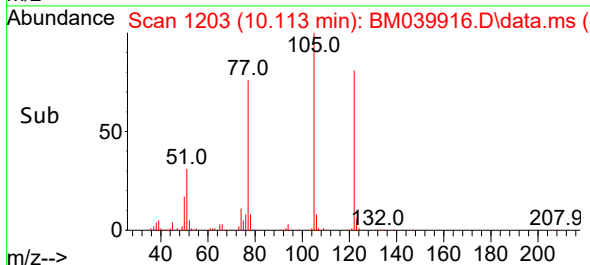
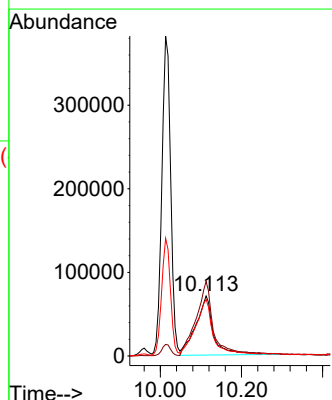
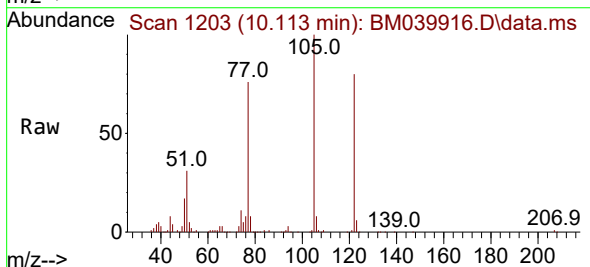
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

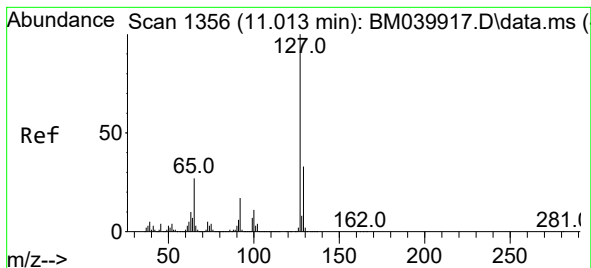
Tgt Ion:128 Resp: 2134367  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.0 10.6 15.8



#32  
Benzoic acid  
Concen: 14.205 ng  
RT: 10.113 min Scan# 1203  
Delta R.T. -0.041 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:122 Resp: 216555  
Ion Ratio Lower Upper  
122 100  
105 124.5 99.9 139.9  
77 94.3 70.4 110.4





#33

4-Chloroaniline

Concen: 19.762 ng

RT: 11.007 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 900188

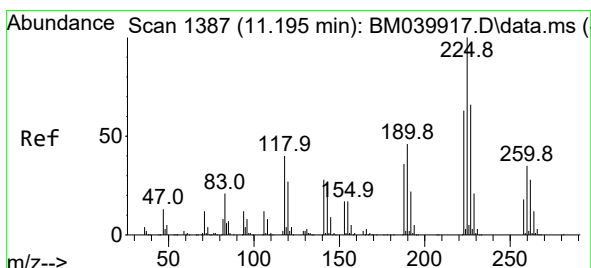
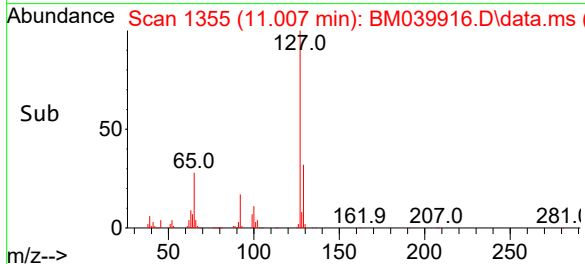
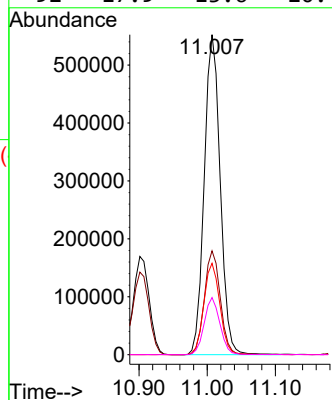
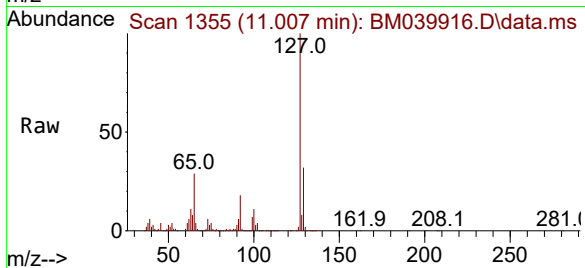
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 28.5 21.6 32.4

92 17.9 13.6 20.4



#34

Hexachlorobutadiene

Concen: 19.658 ng

RT: 11.195 min Scan# 1387

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

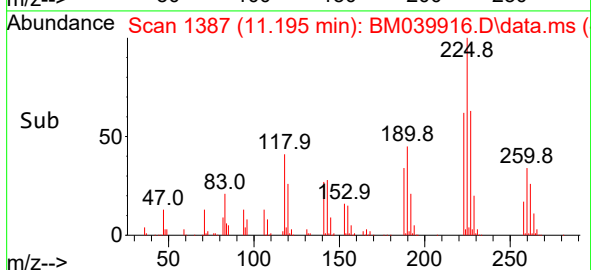
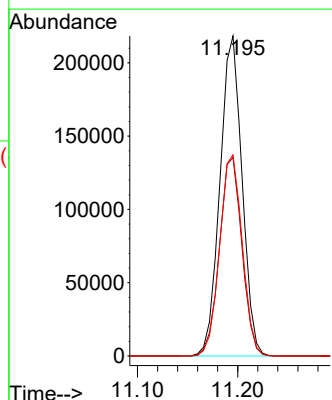
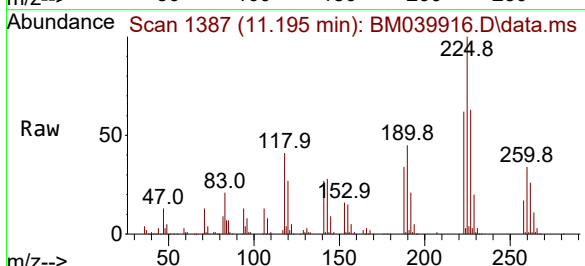
Tgt Ion:225 Resp: 333864

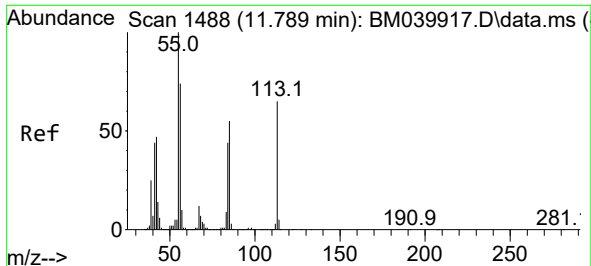
Ion Ratio Lower Upper

225 100

223 62.0 50.2 75.4

227 62.9 52.8 79.2

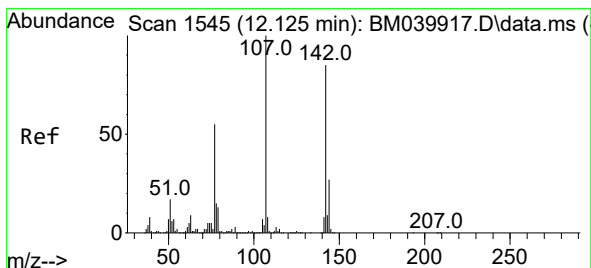
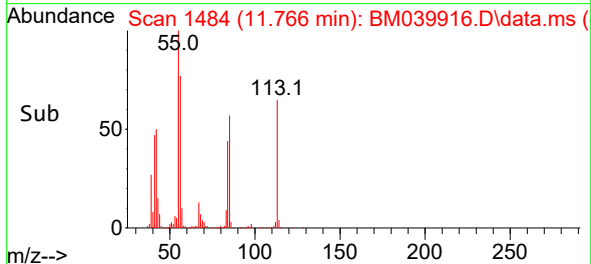
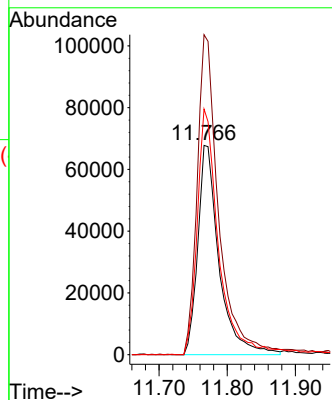
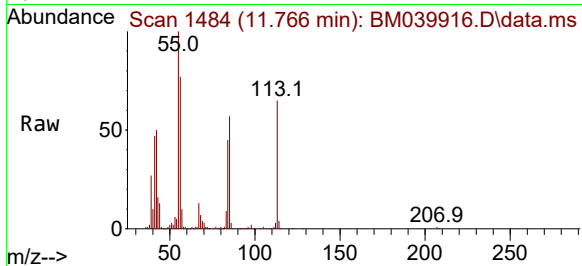




#35  
Caprolactam  
Concen: 18.032 ng  
RT: 11.766 min Scan# 1484  
Delta R.T. -0.023 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

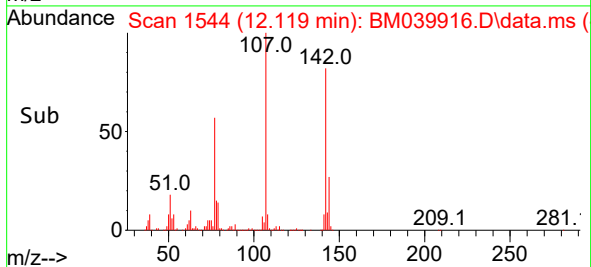
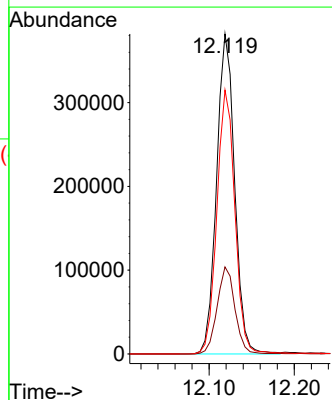
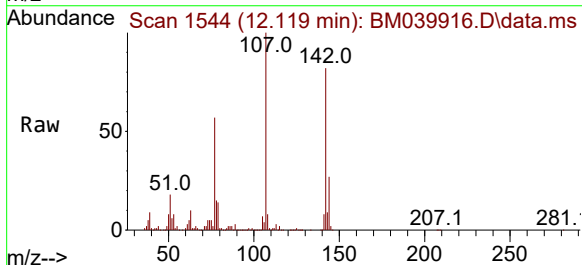
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

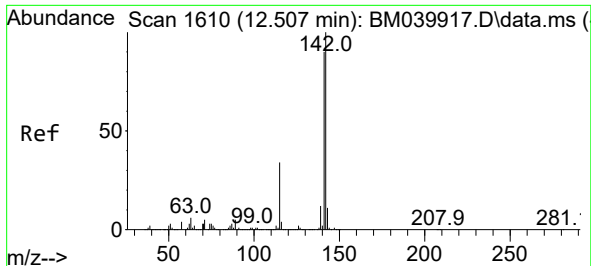
Tgt Ion:113 Resp: 146886  
Ion Ratio Lower Upper  
113 100  
55 152.9 133.4 173.4  
56 117.4 93.0 133.0



#36  
4-Chloro-3-methylphenol  
Concen: 19.341 ng  
RT: 12.119 min Scan# 1544  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:107 Resp: 563459  
Ion Ratio Lower Upper  
107 100  
144 27.2 22.0 33.0  
142 82.5 68.3 102.5

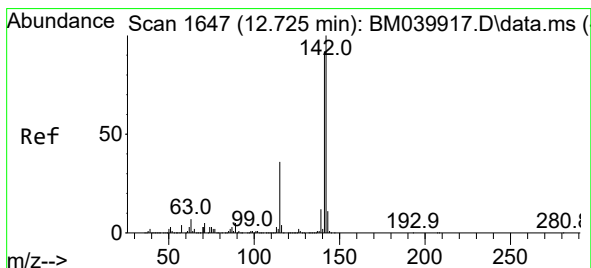
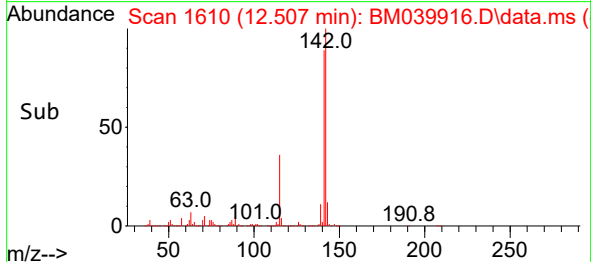
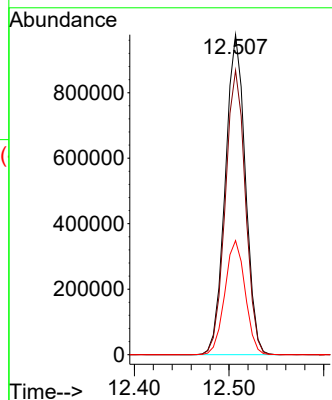
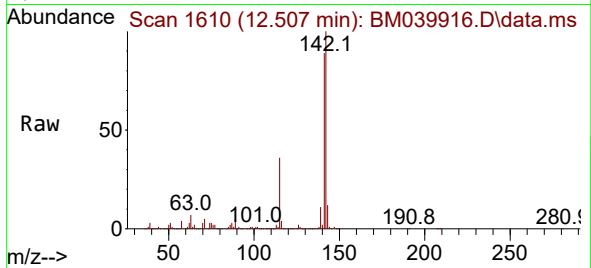




#37  
2-Methylnaphthalene  
Concen: 19.433 ng  
RT: 12.507 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

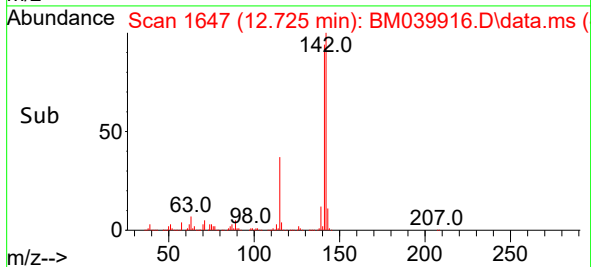
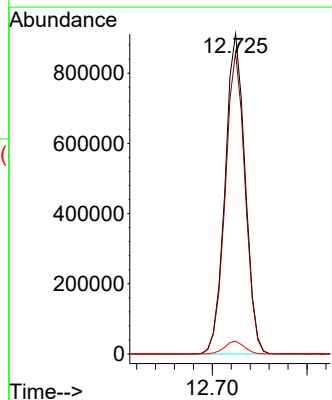
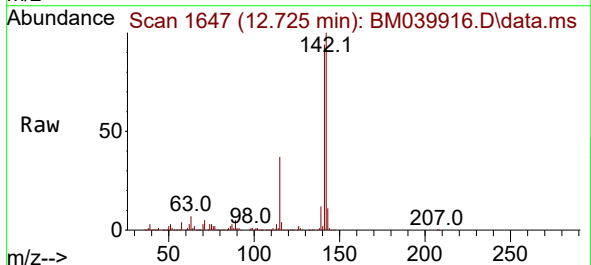
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

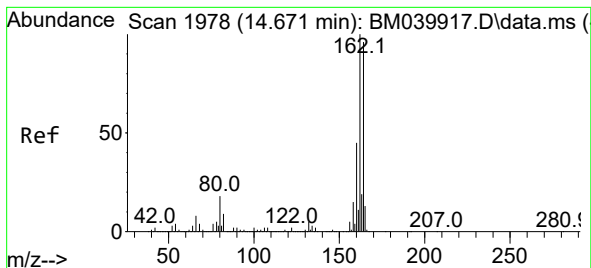
Tgt Ion:142 Resp: 1440716  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.9 107.9  
115 35.6 27.4 41.0



#38  
1-Methylnaphthalene  
Concen: 19.165 ng  
RT: 12.725 min Scan# 1647  
Delta R.T. -0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:142 Resp: 1338475  
Ion Ratio Lower Upper  
142 100  
141 94.2 73.8 110.8  
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.671 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

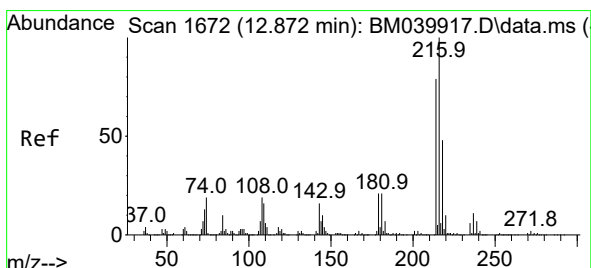
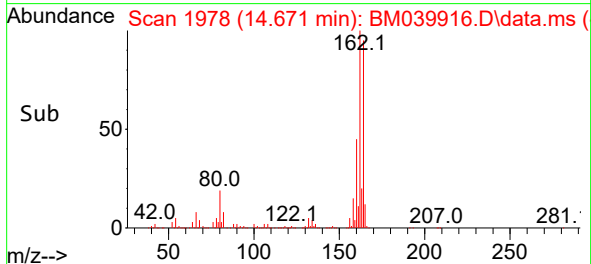
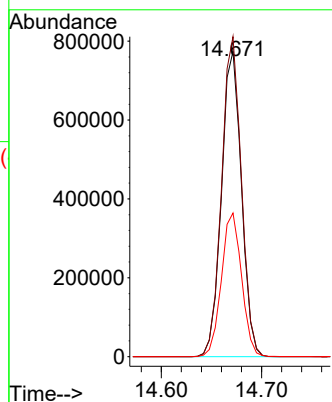
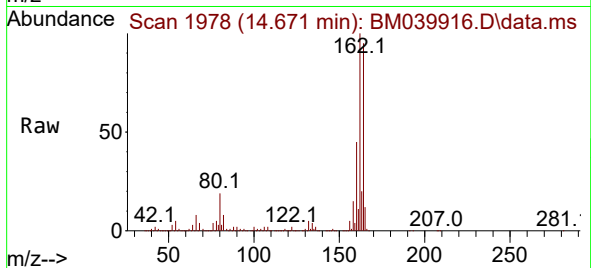
Tgt Ion:164 Resp: 1066495

Ion Ratio Lower Upper

164 100

162 104.8 83.6 125.4

160 47.1 37.8 56.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.912 ng

RT: 12.872 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Tgt Ion:216 Resp: 640649

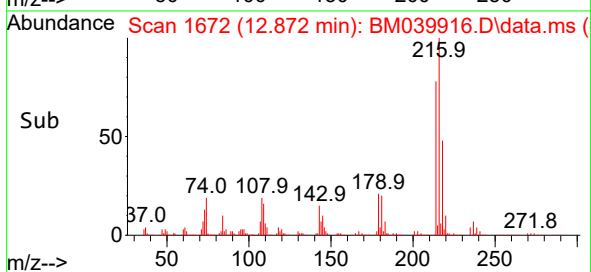
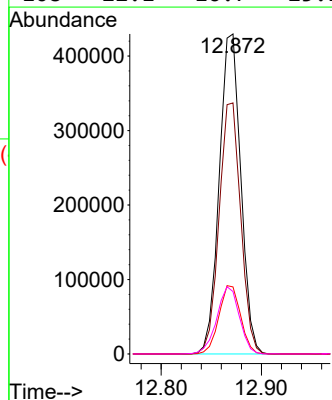
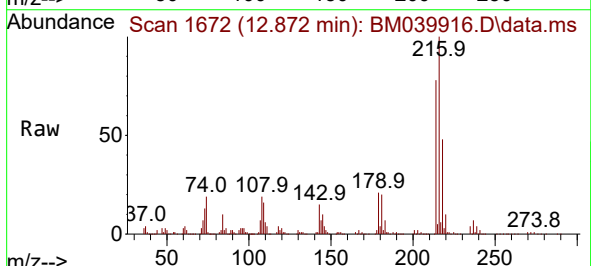
Ion Ratio Lower Upper

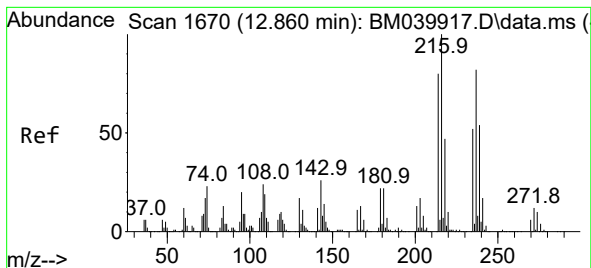
216 100

214 78.5 62.9 94.3

179 21.5 17.1 25.7

108 22.1 16.7 25.1

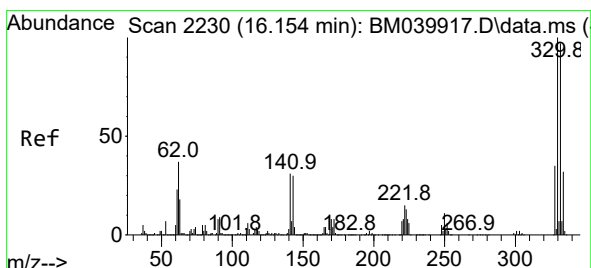
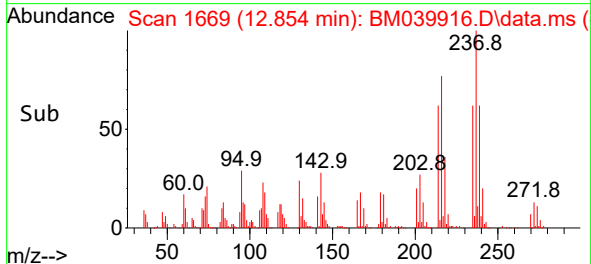
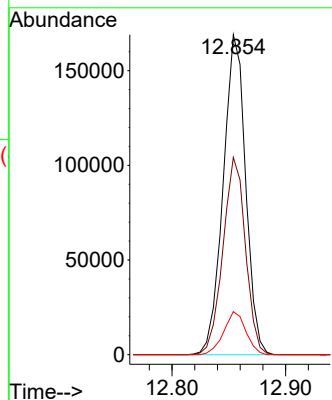
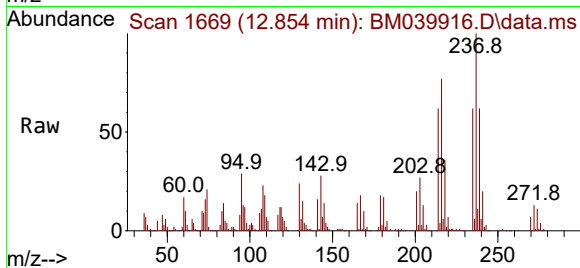




#41  
Hexachlorocyclopentadiene  
Concen: 16.106 ng  
RT: 12.854 min Scan# 1669  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

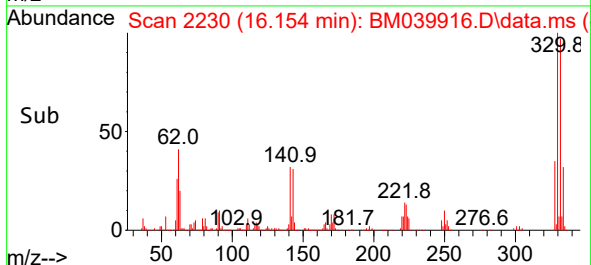
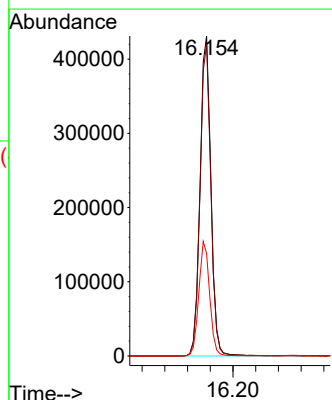
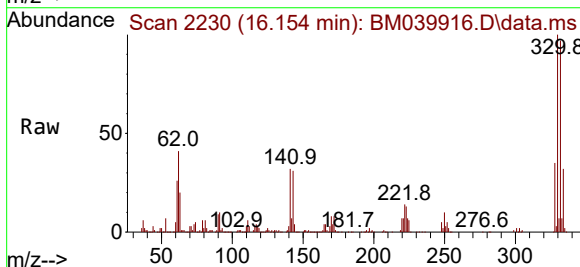
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

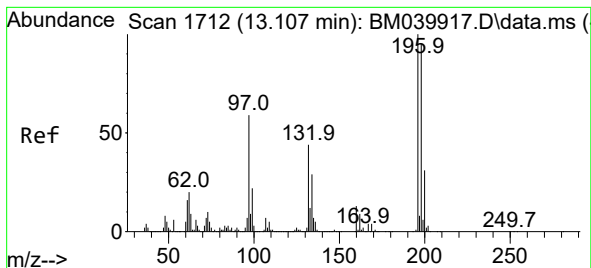
Tgt Ion:237 Resp: 232083  
Ion Ratio Lower Upper  
237 100  
235 61.6 42.5 82.5  
272 13.5 0.0 34.4



#42  
2,4,6-Tribromophenol  
Concen: 34.360 ng  
RT: 16.154 min Scan# 2230  
Delta R.T. -0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:330 Resp: 573809  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.4 116.0  
141 35.9 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 19.575 ng

RT: 13.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

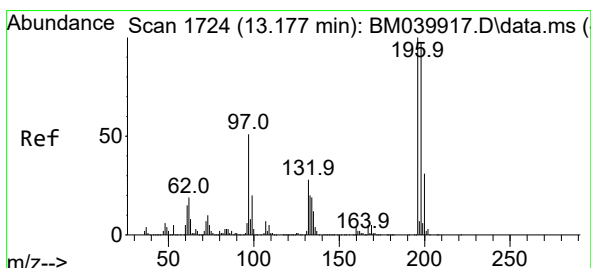
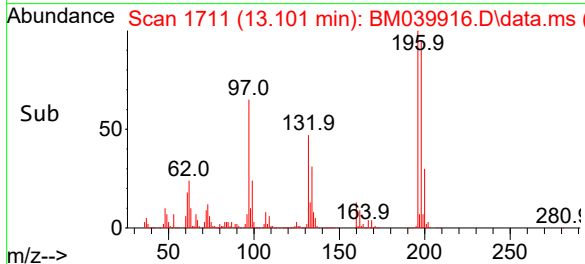
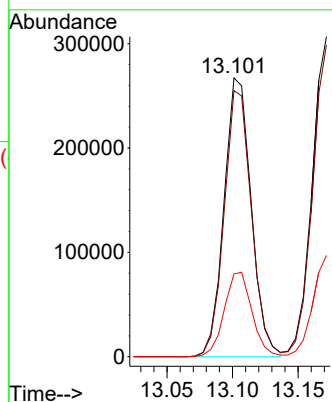
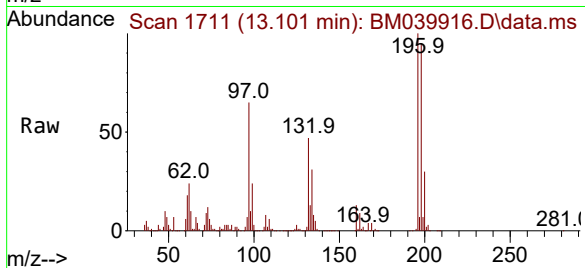
Tgt Ion:196 Resp: 384764

Ion Ratio Lower Upper

196 100

198 95.5 75.7 113.5

200 29.7 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 19.342 ng

RT: 13.172 min Scan# 1723

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Tgt Ion:196 Resp: 448573

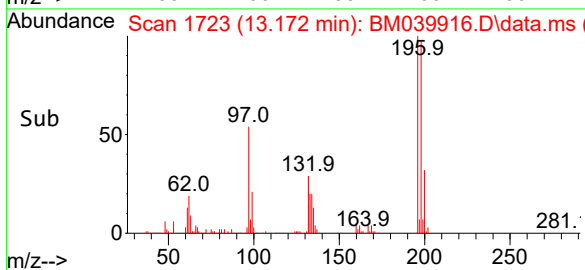
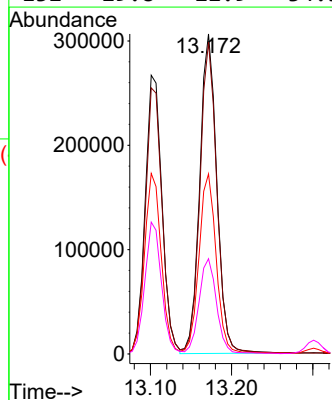
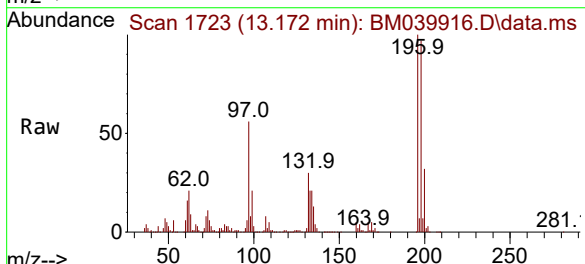
Ion Ratio Lower Upper

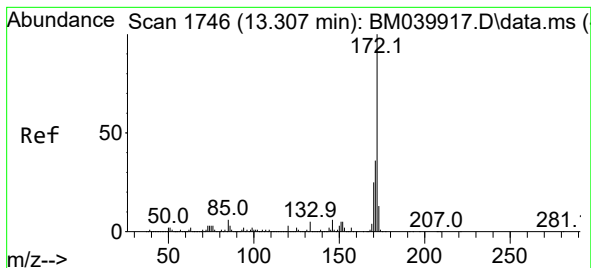
196 100

198 97.4 77.6 116.4

97 56.3 41.3 61.9

132 29.8 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 43.253 ng

RT: 13.301 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

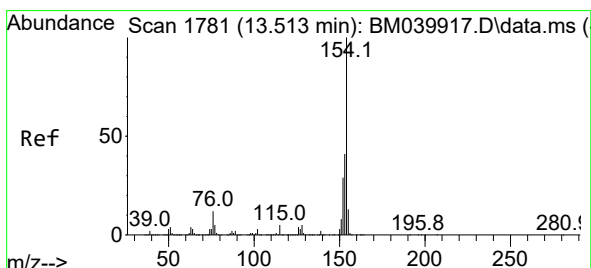
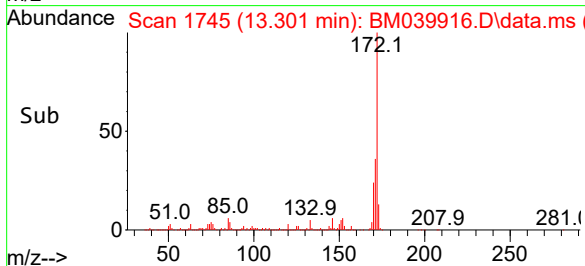
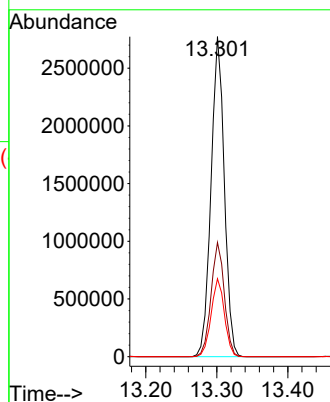
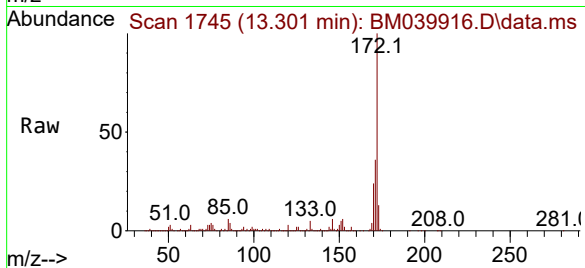
Tgt Ion:172 Resp: 3606218

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 24.4 19.9 29.9



#46

1,1'-Biphenyl

Concen: 20.546 ng

RT: 13.507 min Scan# 1780

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

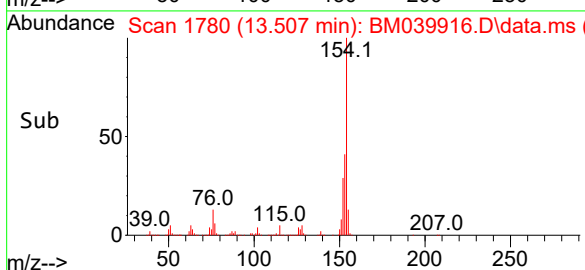
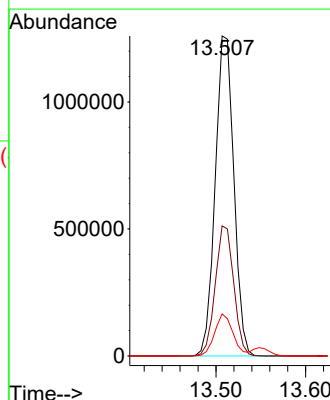
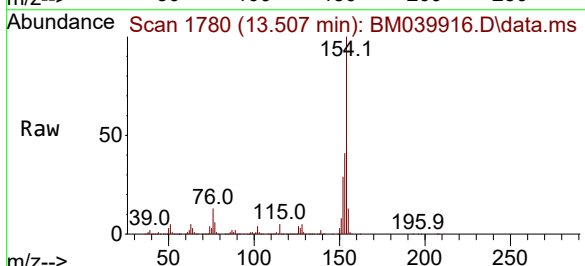
Tgt Ion:154 Resp: 1815188

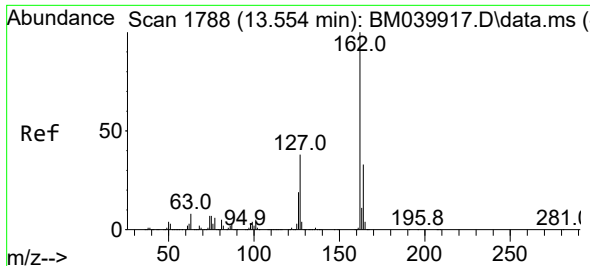
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 13.2 0.0 31.9

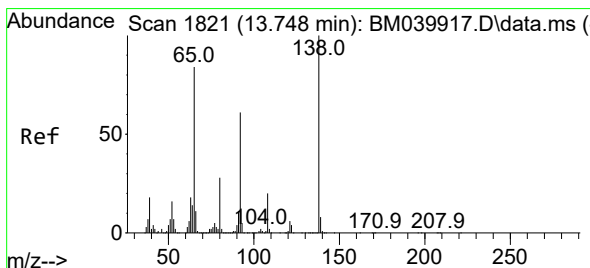
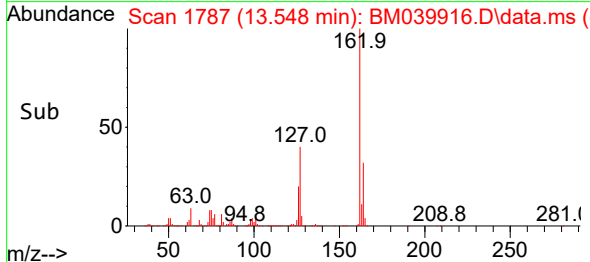
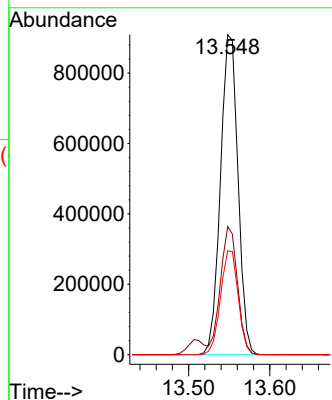
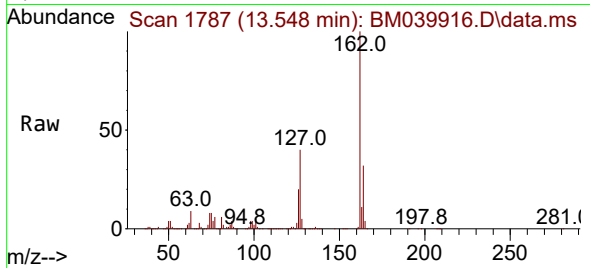




#47  
2-Chloronaphthalene  
Concen: 20.848 ng  
RT: 13.548 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

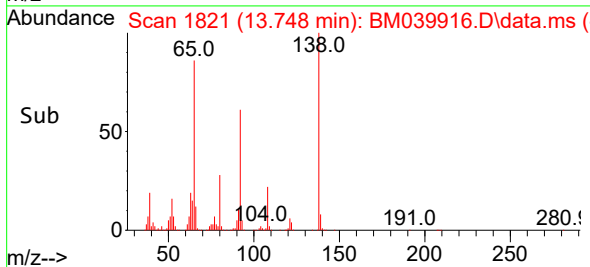
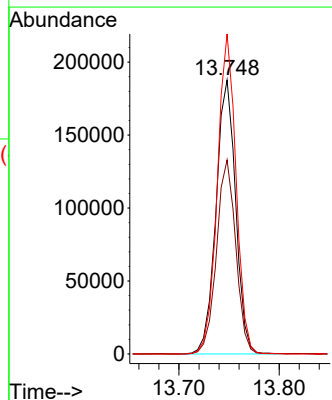
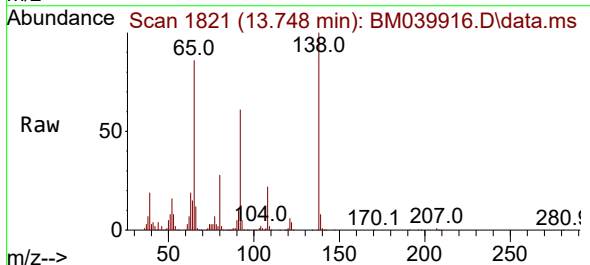
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

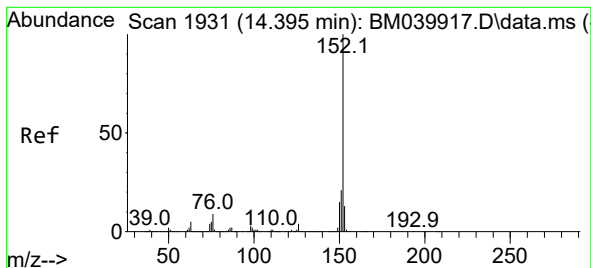
Tgt Ion:162 Resp: 1366213  
Ion Ratio Lower Upper  
162 100  
127 40.1 30.1 45.1  
164 32.5 26.2 39.4



#48  
2-Nitroaniline  
Concen: 19.820 ng  
RT: 13.748 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion: 65 Resp: 254662  
Ion Ratio Lower Upper  
65 100  
92 70.9 57.7 86.5  
138 116.8 95.0 142.6





#49

Acenaphthylene

Concen: 20.350 ng

RT: 14.395 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

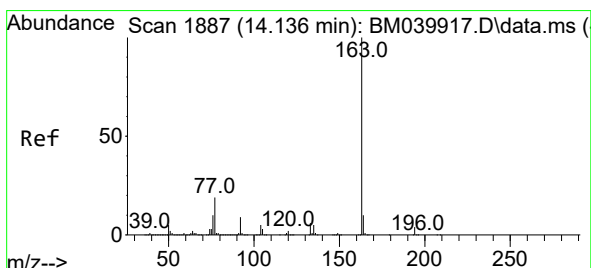
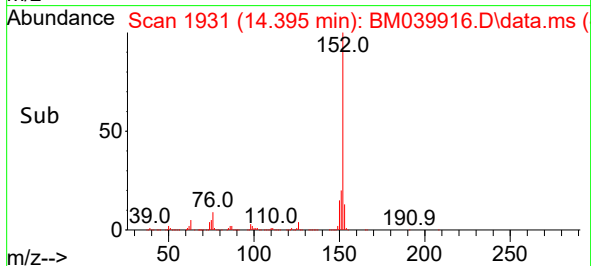
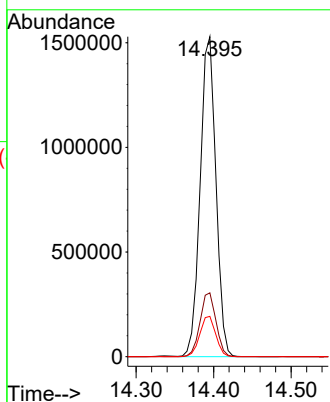
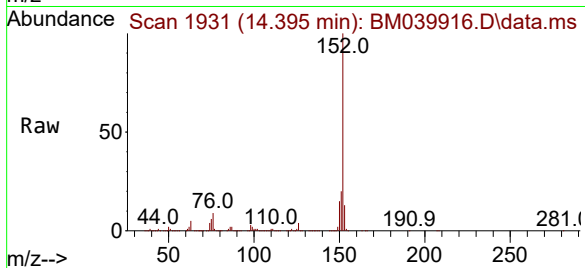
Tgt Ion:152 Resp: 2150495

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

153 12.6 10.7 16.1



#50

Dimethylphthalate

Concen: 19.350 ng

RT: 14.130 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

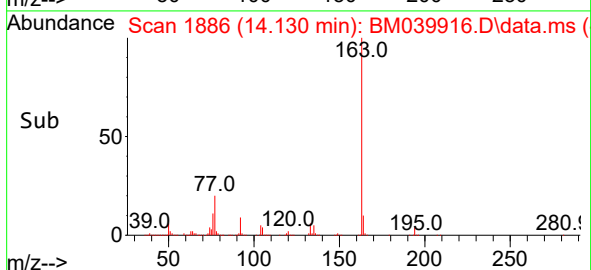
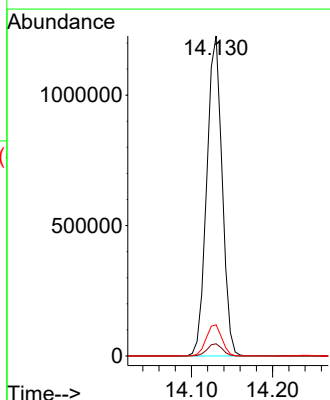
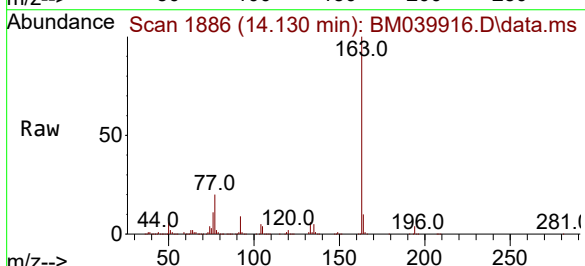
Tgt Ion:163 Resp: 1609328

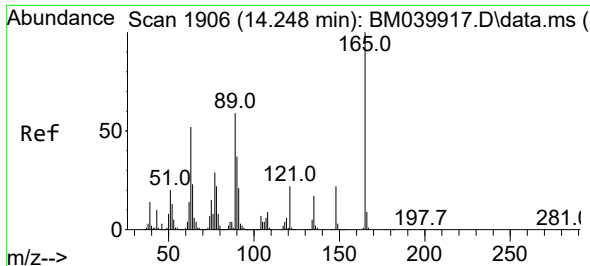
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 9.8 8.2 12.2

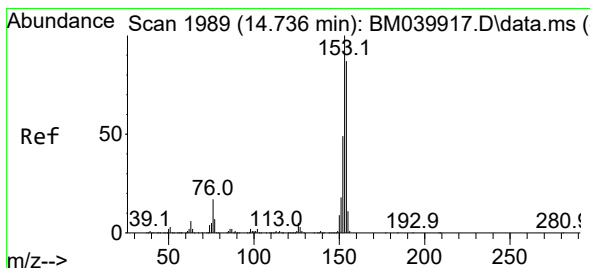
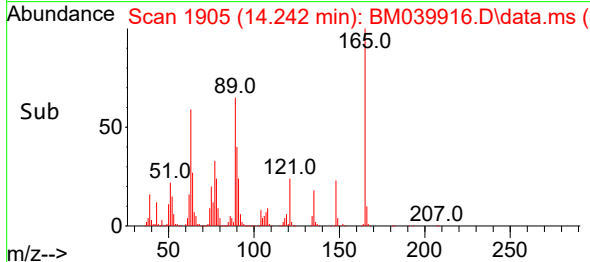
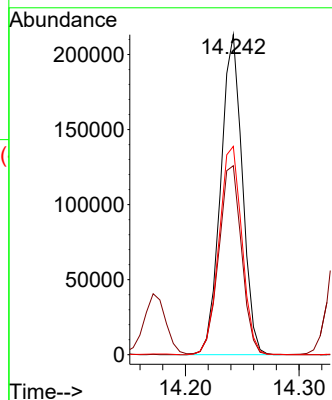
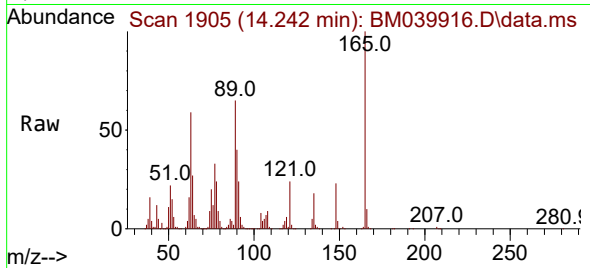




#51  
2,6-Dinitrotoluene  
Concen: 18.947 ng  
RT: 14.242 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

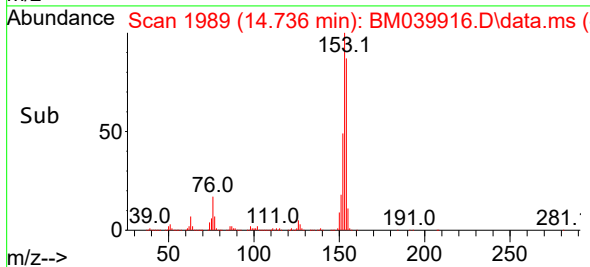
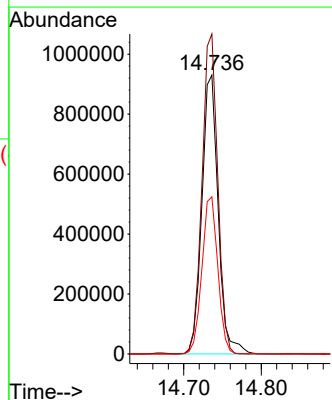
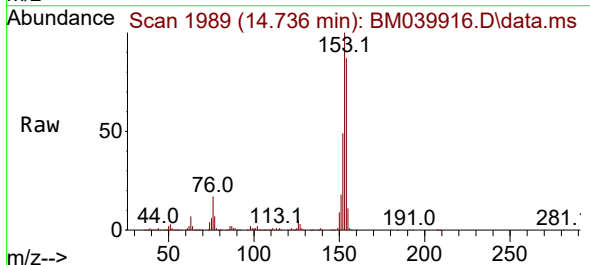
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

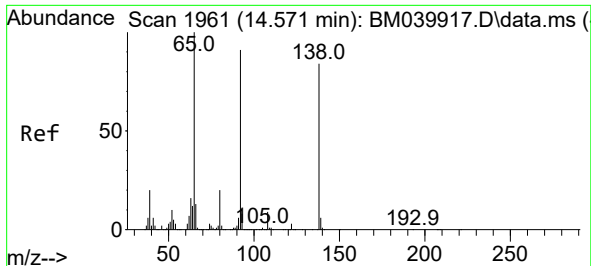
Tgt Ion:165 Resp: 282126  
Ion Ratio Lower Upper  
165 100  
63 59.1 42.3 63.5  
89 65.1 47.4 71.0



#52  
Acenaphthene  
Concen: 20.156 ng  
RT: 14.736 min Scan# 1989  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:154 Resp: 1355094  
Ion Ratio Lower Upper  
154 100  
153 114.7 91.9 137.9  
152 56.3 45.0 67.6

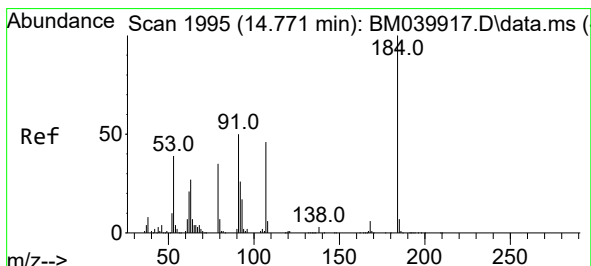
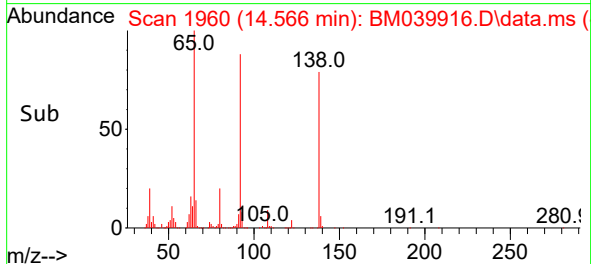
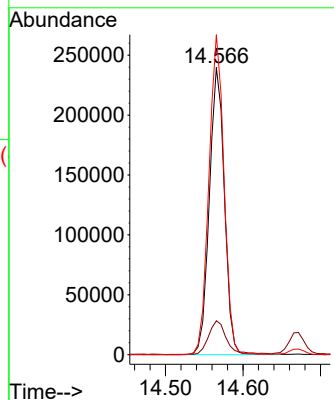
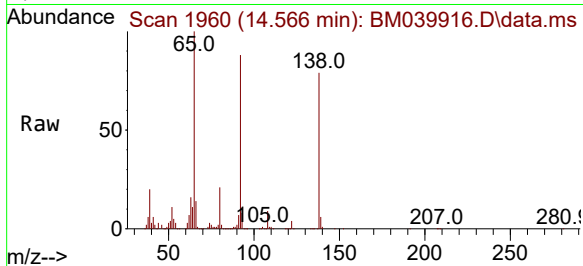




#53  
3-Nitroaniline  
Concen: 18.832 ng  
RT: 14.566 min Scan# 1961  
Delta R.T. -0.005 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

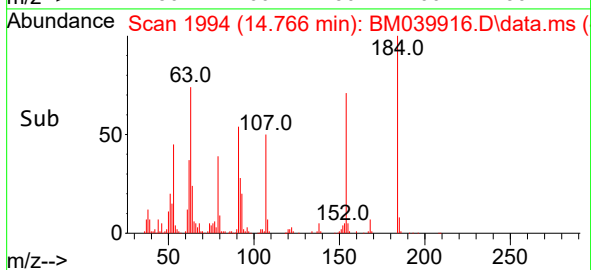
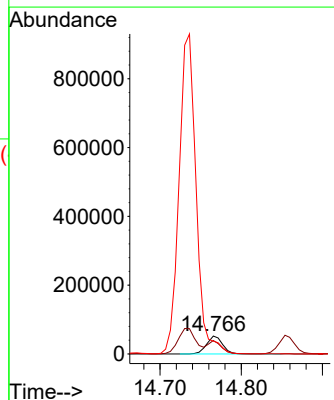
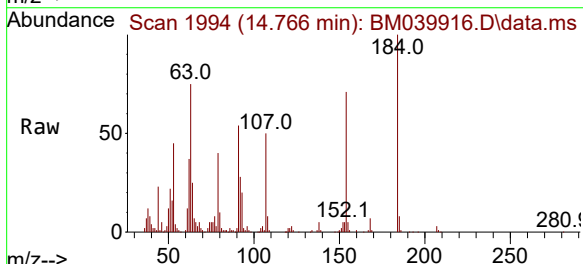
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

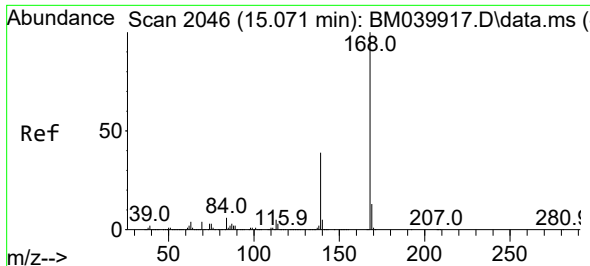
Tgt Ion:138 Resp: 322411  
Ion Ratio Lower Upper  
138 100  
108 11.8 8.6 12.8  
92 111.4 87.3 130.9



#54  
2,4-Dinitrophenol  
Concen: 12.893 ng  
RT: 14.766 min Scan# 1994  
Delta R.T. -0.005 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:184 Resp: 71405  
Ion Ratio Lower Upper  
184 100  
63 74.7 53.4 80.0  
154 71.3 54.2 81.2

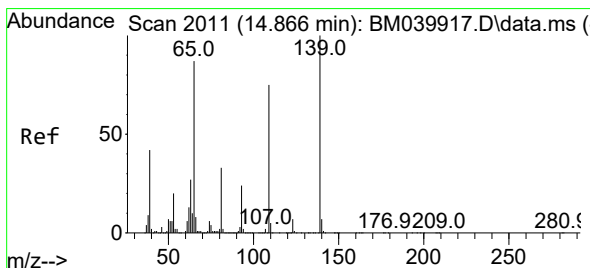
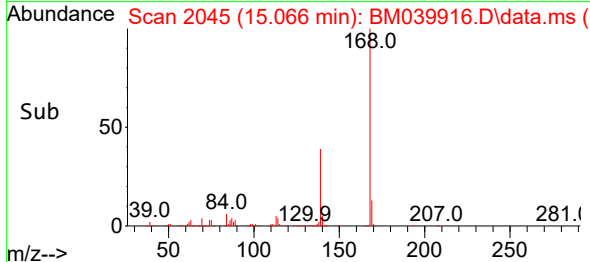
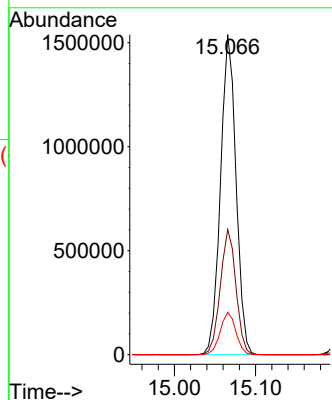
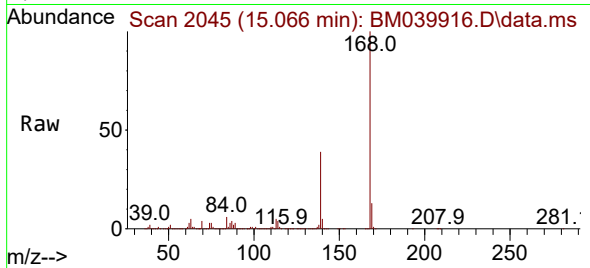




#55  
Dibenzofuran  
Concen: 19.958 ng  
RT: 15.066 min Scan# 2046  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

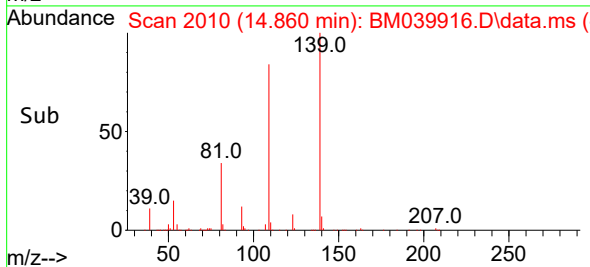
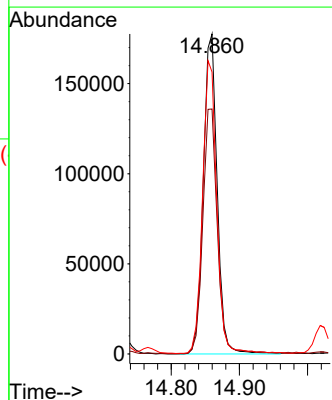
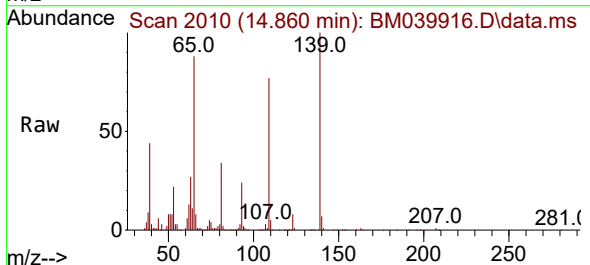
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

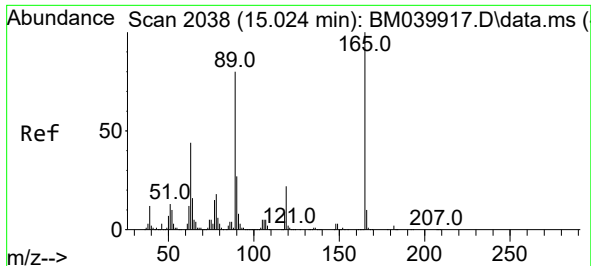
Tgt Ion:168 Resp: 2048072  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.0 46.6  
169 13.3 10.7 16.1



#56  
4-Nitrophenol  
Concen: 17.419 ng  
RT: 14.860 min Scan# 2010  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:139 Resp: 251392  
Ion Ratio Lower Upper  
139 100  
109 76.5 55.1 95.1  
65 88.1 67.4 107.4





#57

2,4-Dinitrotoluene

Concen: 17.880 ng

RT: 15.024 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 337518

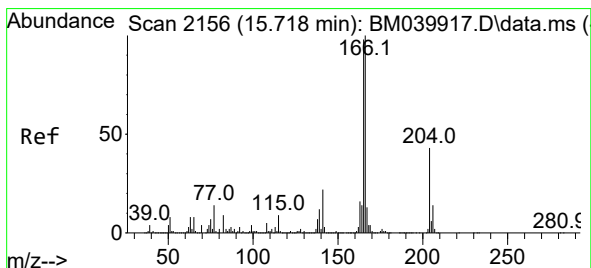
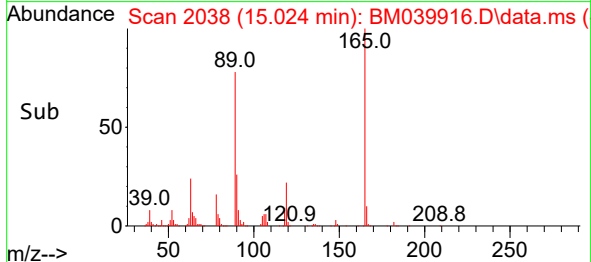
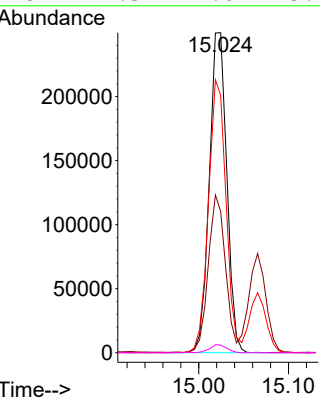
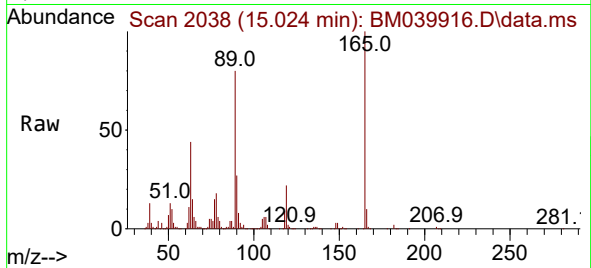
Ion Ratio Lower Upper

165 100

63 44.1 35.5 53.3

89 80.4 63.8 95.6

182 2.3 2.0 3.0



#58

Fluorene

Concen: 19.482 ng

RT: 15.713 min Scan# 2155

Delta R.T. -0.005 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

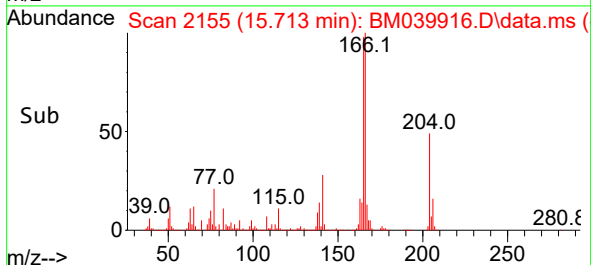
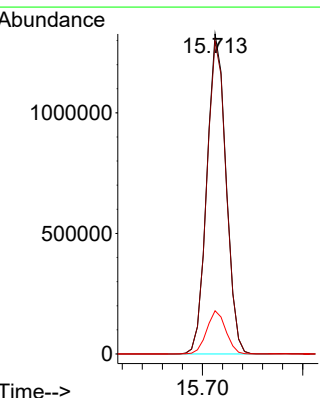
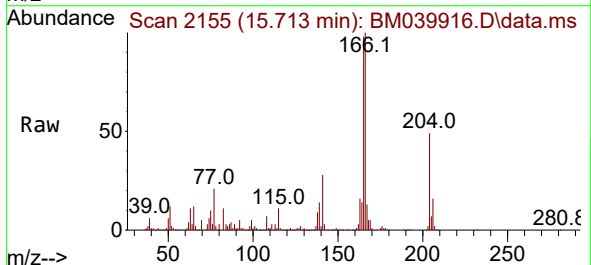
Tgt Ion:166 Resp: 1756732

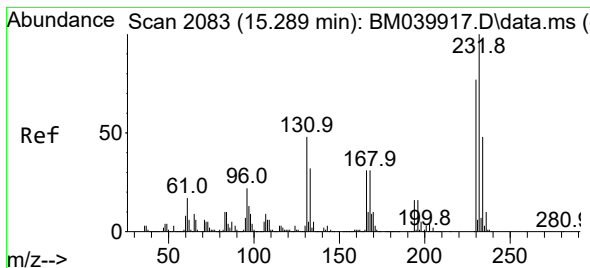
Ion Ratio Lower Upper

166 100

165 97.7 78.8 118.2

167 13.5 10.8 16.2

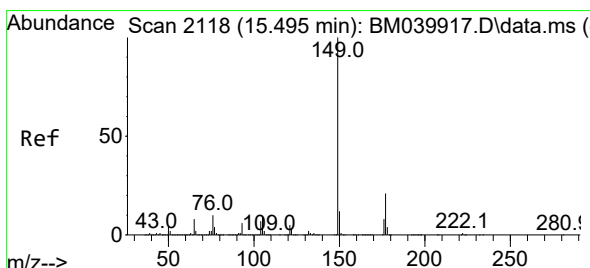
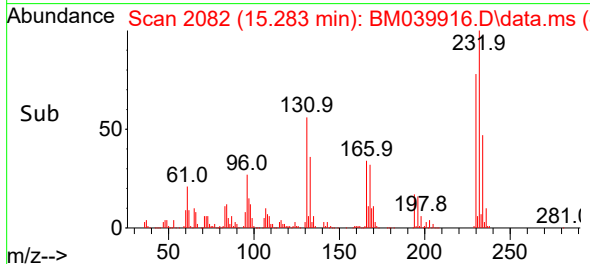
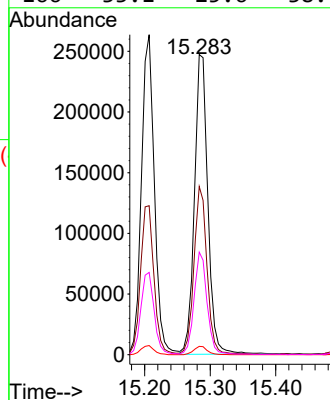
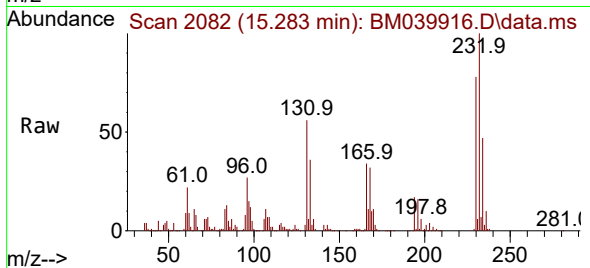




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 18.443 ng  
RT: 15.283 min Scan# 2083  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

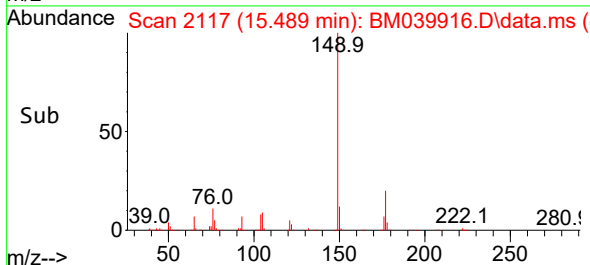
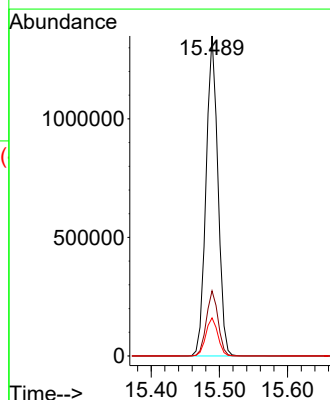
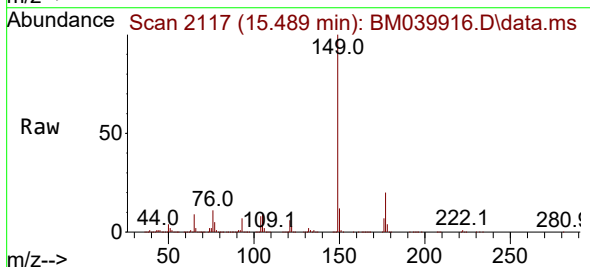
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

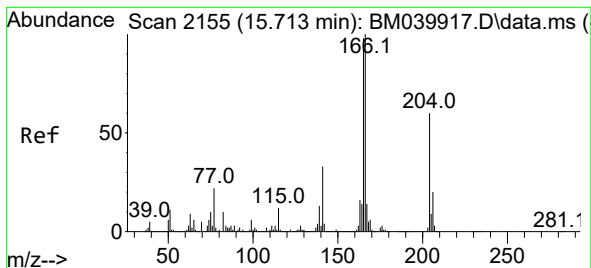
Tgt Ion:232 Resp: 351371  
Ion Ratio Lower Upper  
232 100  
131 54.1 41.0 61.4  
130 2.8 2.2 3.2  
166 33.1 25.6 38.4



#60  
Diethylphthalate  
Concen: 19.012 ng  
RT: 15.489 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:149 Resp: 1630319  
Ion Ratio Lower Upper  
149 100  
177 20.4 17.0 25.4  
150 11.9 9.8 14.6

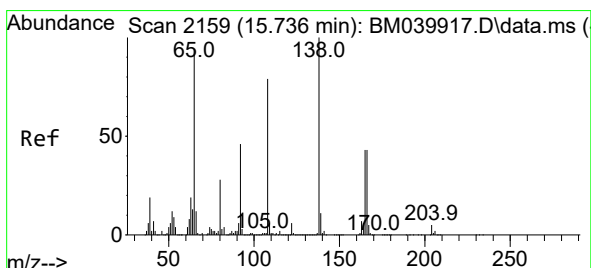
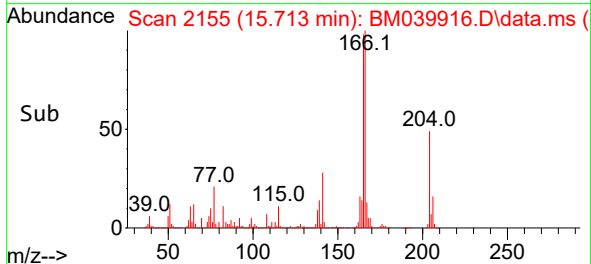
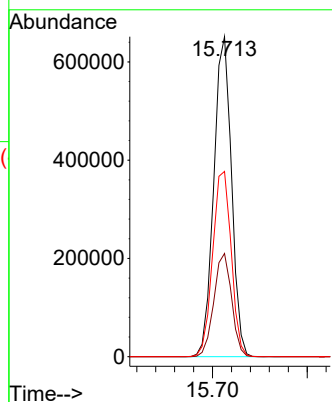
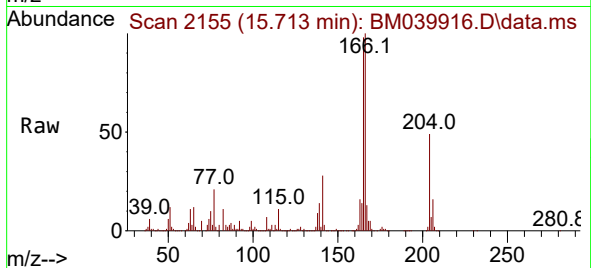




#61  
4-Chlorophenyl-phenylether  
Concen: 18.879 ng  
RT: 15.713 min Scan# 2155  
Delta R.T. 0.000 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

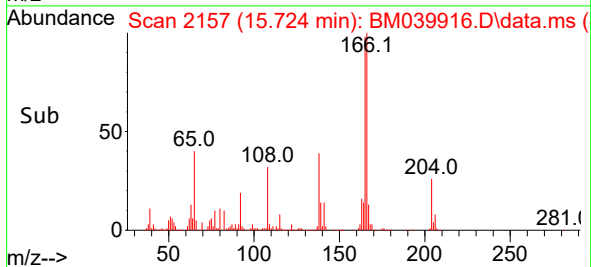
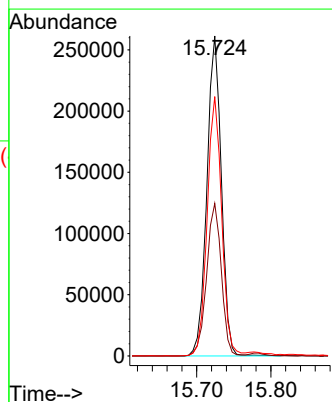
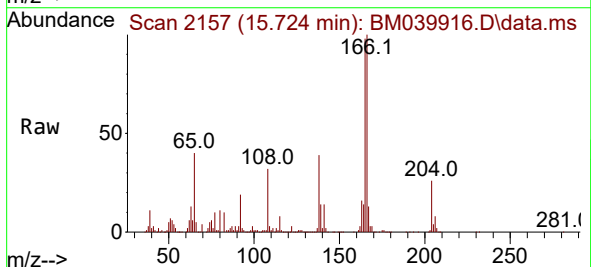
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

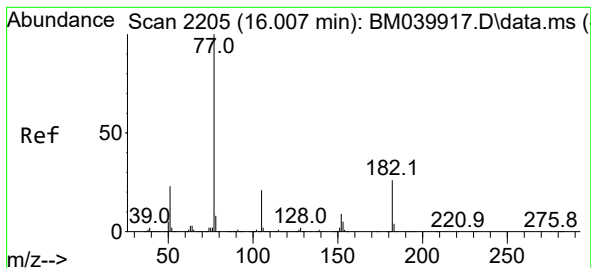
Tgt Ion:204 Resp: 844791  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.4 39.6  
141 57.9 44.6 67.0



#62  
4-Nitroaniline  
Concen: 18.914 ng  
RT: 15.724 min Scan# 2157  
Delta R.T. -0.012 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:138 Resp: 354795  
Ion Ratio Lower Upper  
138 100  
92 47.7 25.5 65.5  
108 81.0 59.5 99.5





#63

Azobenzene

Concen: 20.810 ng

RT: 16.001 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 1707229

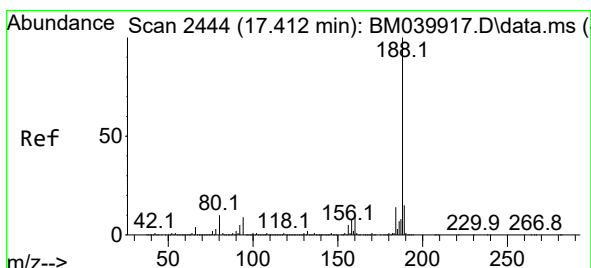
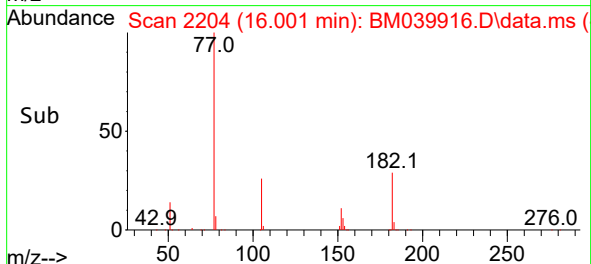
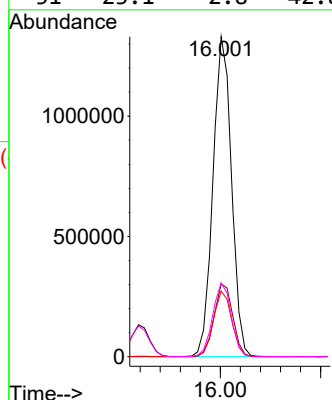
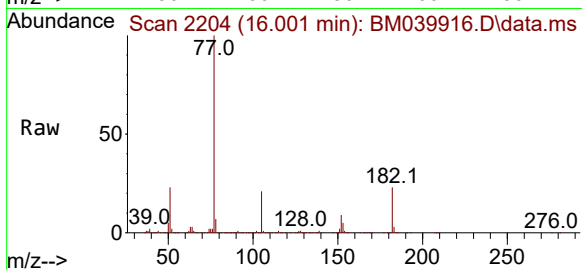
Ion Ratio Lower Upper

77 100

182 22.8 6.2 46.2

105 20.5 1.4 41.4

51 23.1 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.412 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

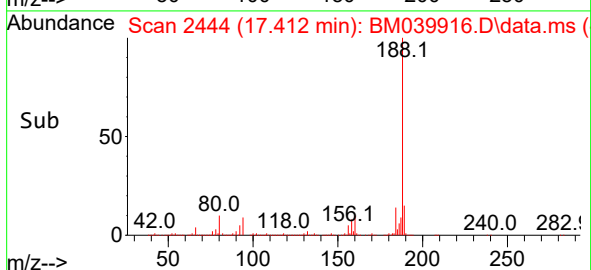
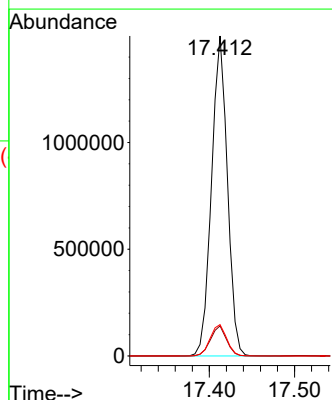
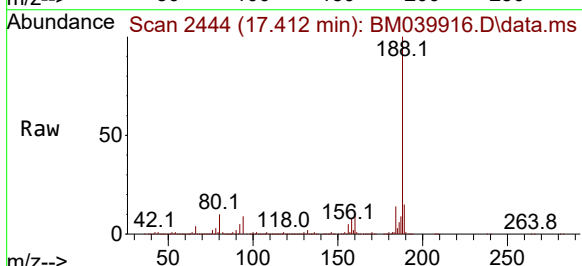
Tgt Ion:188 Resp: 1937149

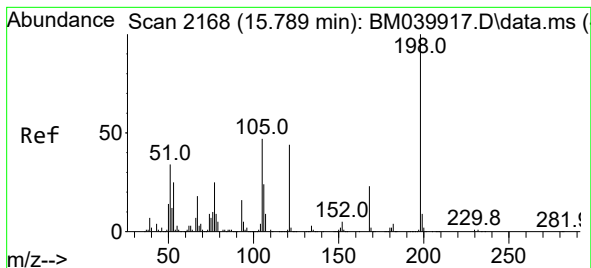
Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 9.8 8.0 12.0

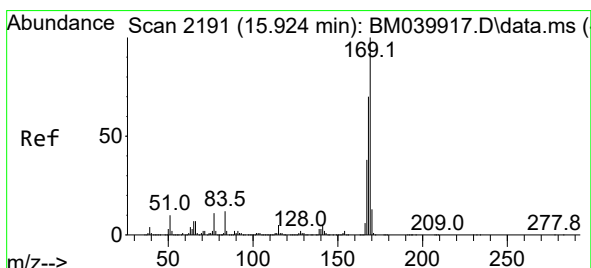
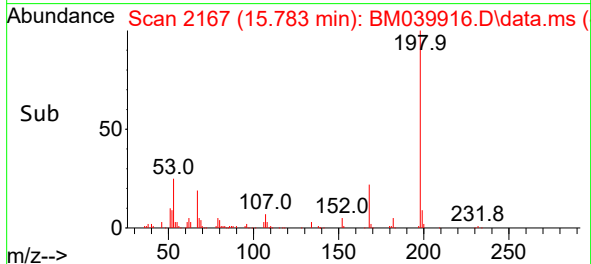
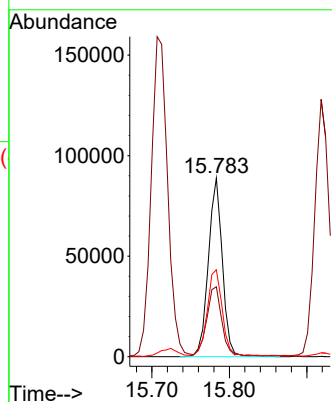
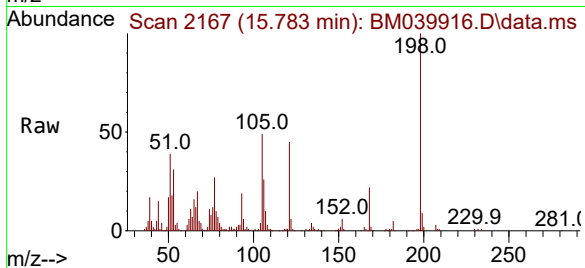




#65  
4,6-Dinitro-2-methylphenol  
Concen: 14.316 ng  
RT: 15.783 min Scan# 2168  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

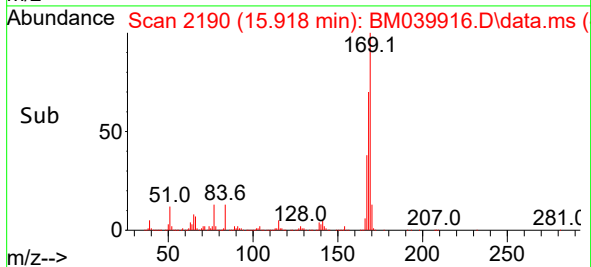
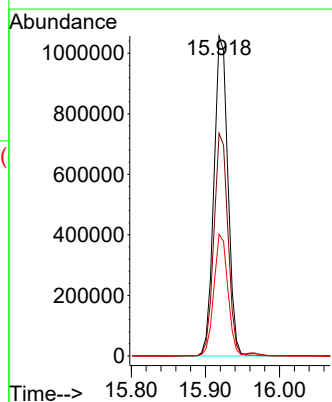
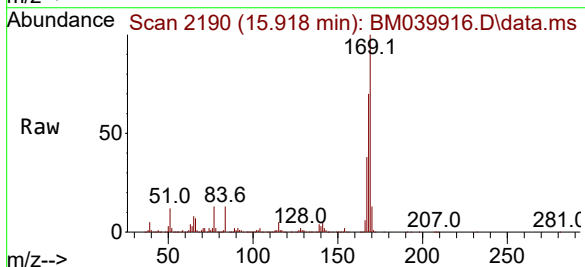
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

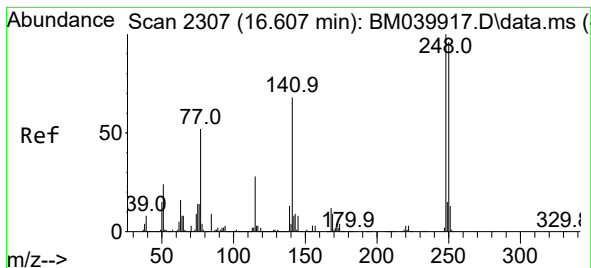
Tgt Ion:198 Resp: 111390  
Ion Ratio Lower Upper  
198 100  
51 39.2 16.0 56.0  
105 48.6 27.6 67.6



#66  
n-Nitrosodiphenylamine  
Concen: 20.761 ng  
RT: 15.918 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:169 Resp: 1385962  
Ion Ratio Lower Upper  
169 100  
168 69.6 55.7 83.5  
167 38.0 30.2 45.4

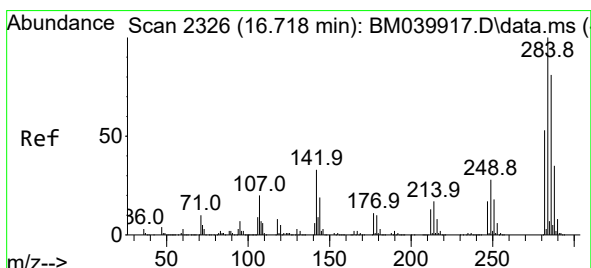
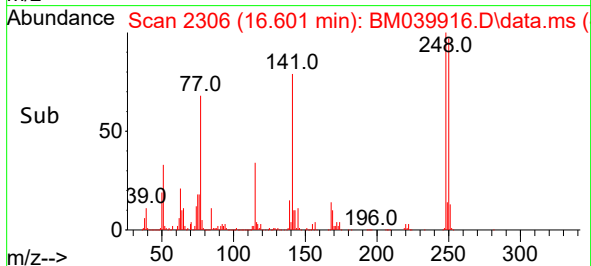
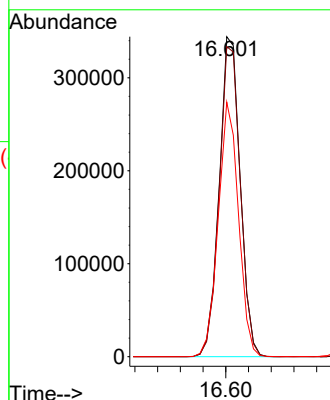
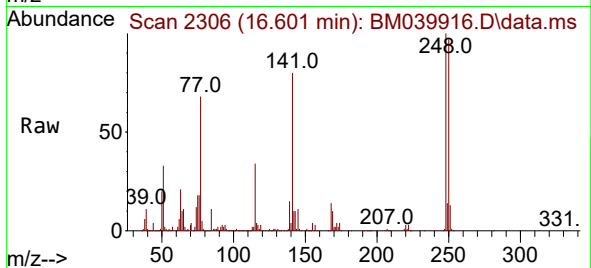




#67  
4-Bromophenyl-phenylether  
Concen: 19.627 ng  
RT: 16.601 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

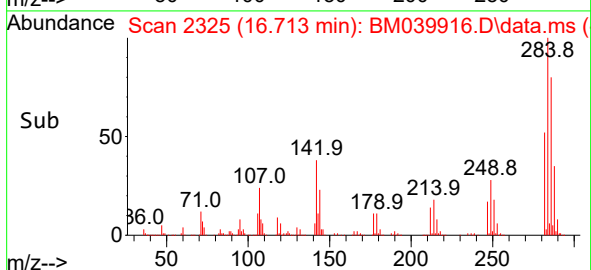
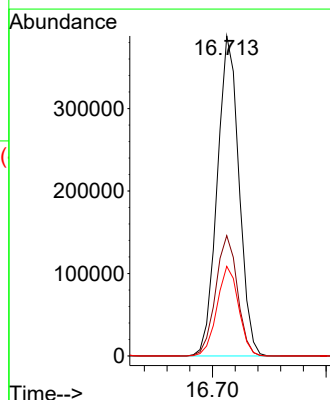
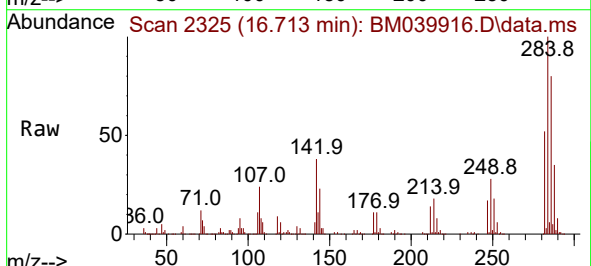
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

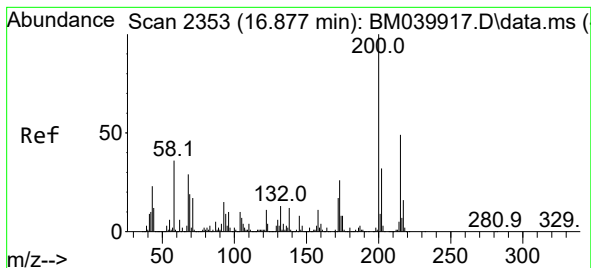
Tgt Ion:248 Resp: 442379  
Ion Ratio Lower Upper  
248 100  
250 96.9 77.2 115.8  
141 79.6 54.2 81.4



#68  
Hexachlorobenzene  
Concen: 19.451 ng  
RT: 16.713 min Scan# 2325  
Delta R.T. -0.005 min  
Lab File: BM039916.D  
Acq: 12 May 2023 13:25

Tgt Ion:284 Resp: 516189  
Ion Ratio Lower Upper  
284 100  
142 37.6 26.4 39.6  
249 28.0 22.3 33.5





#69

Atrazine

Concen: 19.145 ng

RT: 16.871 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

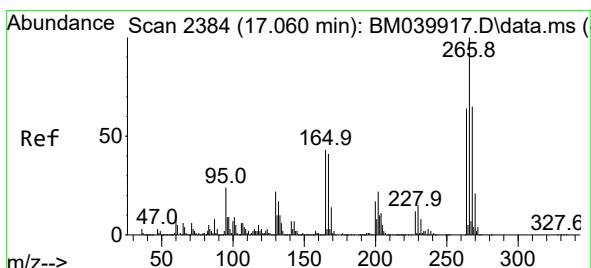
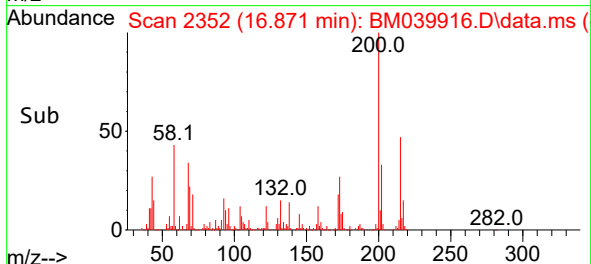
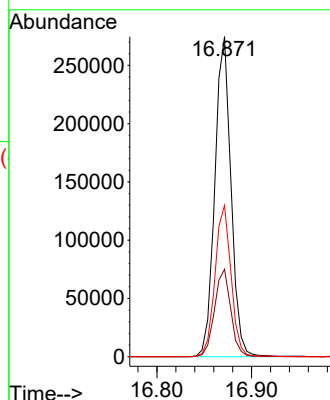
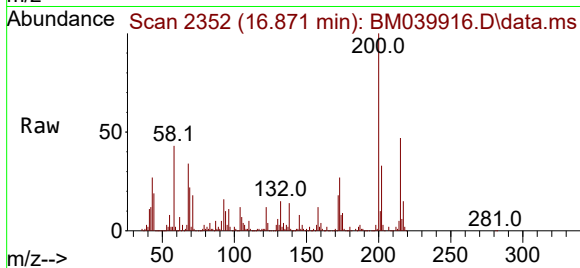
Tgt Ion:200 Resp: 326579

Ion Ratio Lower Upper

200 100

173 27.3 6.1 46.1

215 47.3 28.9 68.9



#70

Pentachlorophenol

Concen: 16.961 ng

RT: 17.054 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

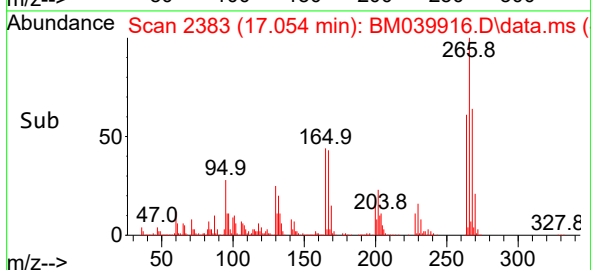
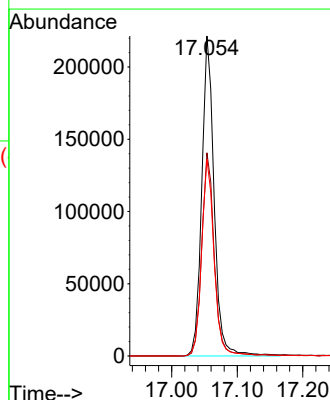
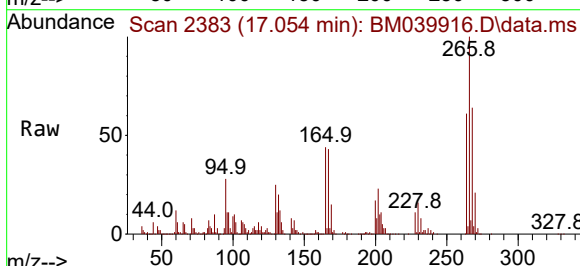
Tgt Ion:266 Resp: 290966

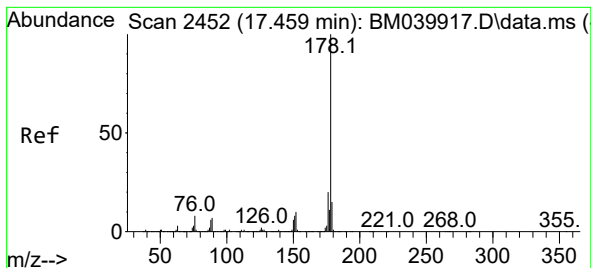
Ion Ratio Lower Upper

266 100

268 63.5 51.8 77.6

264 61.5 51.0 76.4





#71

Phenanthrene

Concen: 20.140 ng

RT: 17.454 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

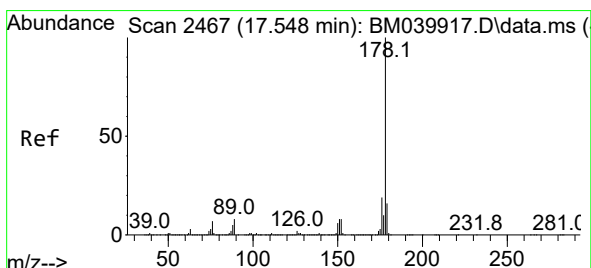
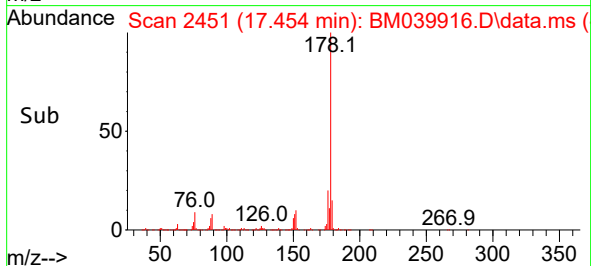
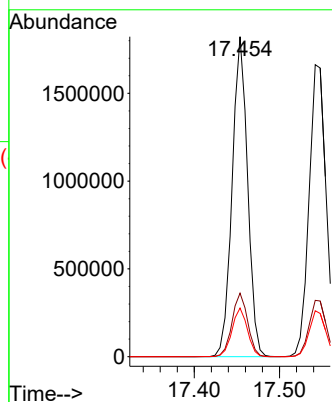
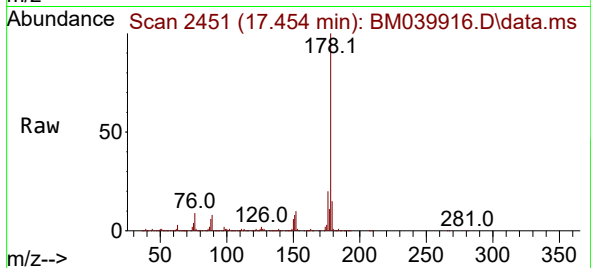
Tgt Ion:178 Resp: 2303213

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 15.2 12.3 18.5



#72

Anthracene

Concen: 20.105 ng

RT: 17.542 min Scan# 2466

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

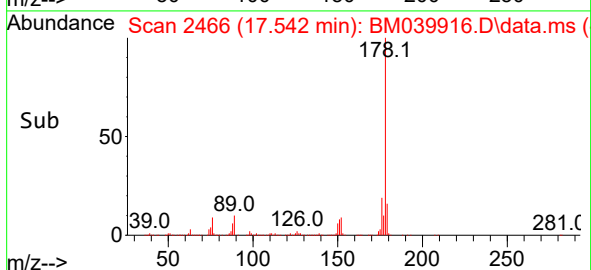
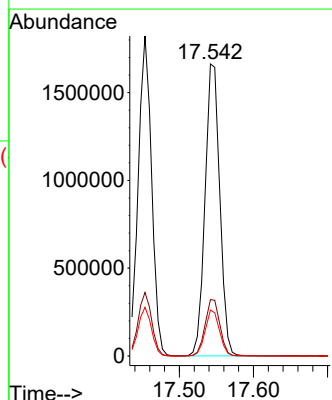
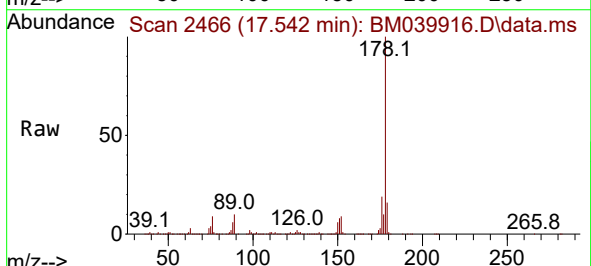
Tgt Ion:178 Resp: 2300882

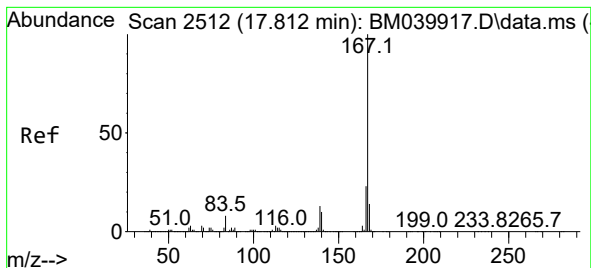
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.7 12.4 18.6





#73

Carbazole

Concen: 19.410 ng

RT: 17.812 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

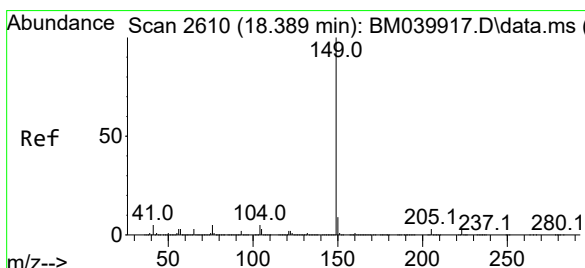
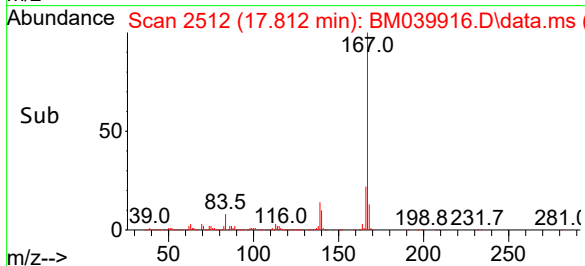
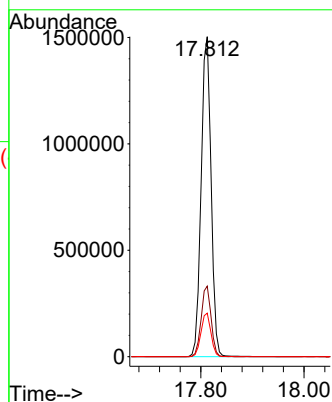
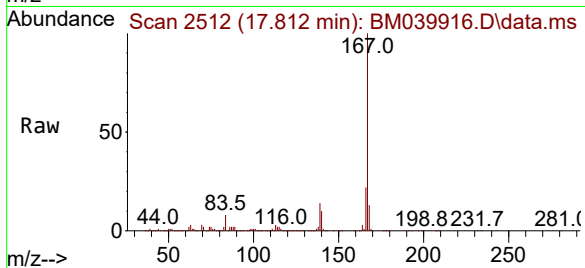
Tgt Ion:167 Resp: 2004947

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 19.218 ng

RT: 18.383 min Scan# 2609

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

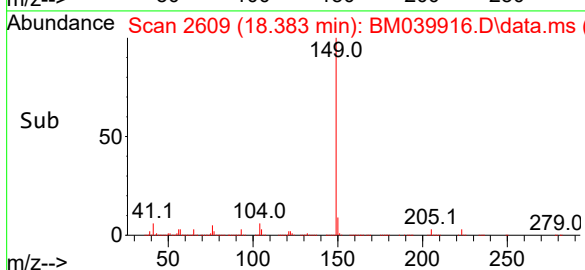
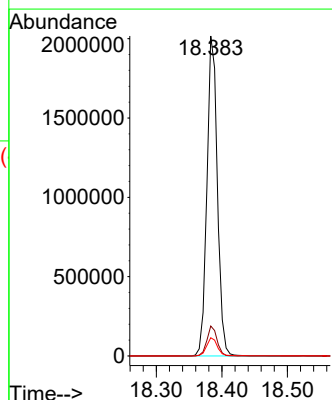
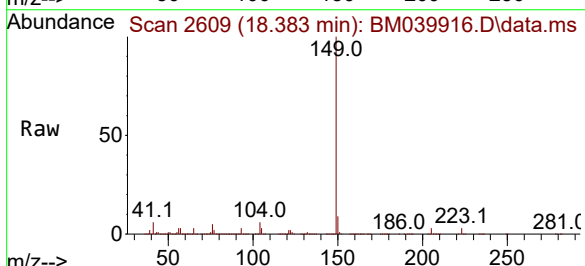
Tgt Ion:149 Resp: 2237724

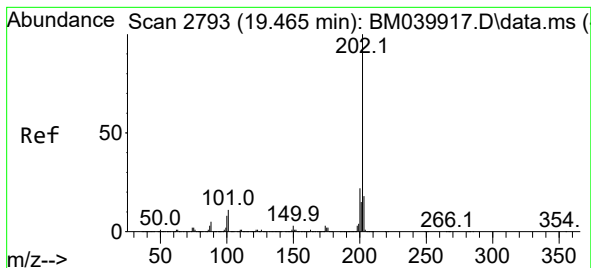
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.7 4.2 6.2





#75

Fluoranthene

Concen: 17.850 ng

RT: 19.459 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

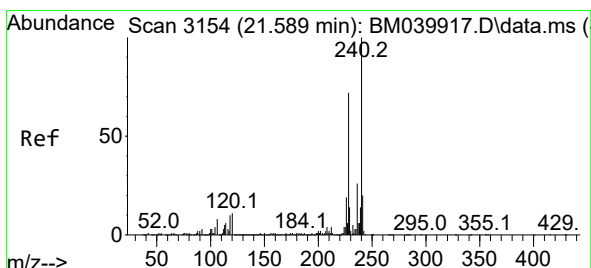
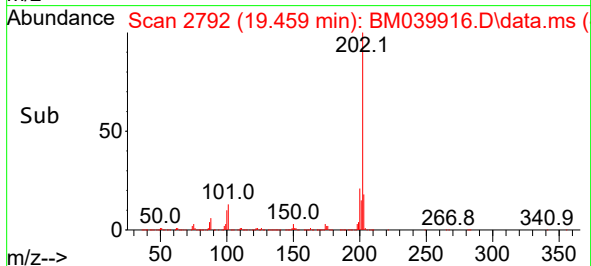
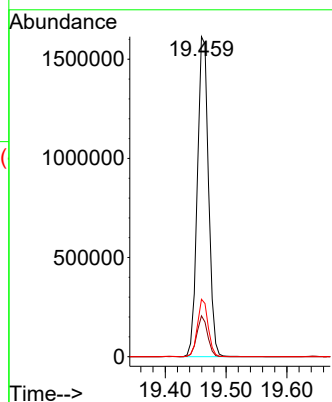
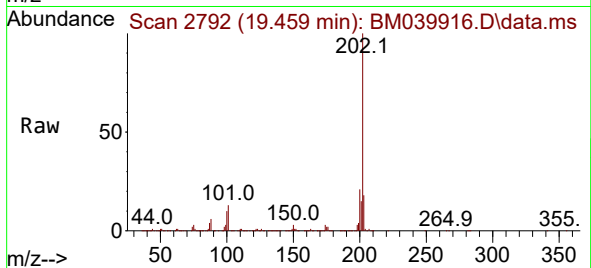
Tgt Ion:202 Resp: 2049882

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.6

203 18.0 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

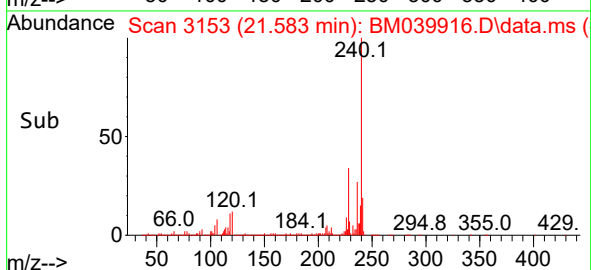
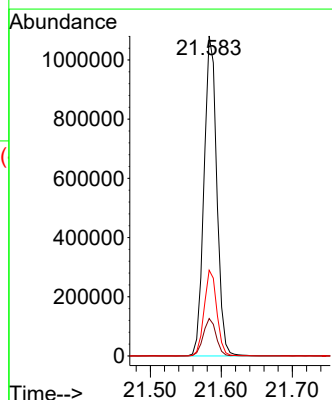
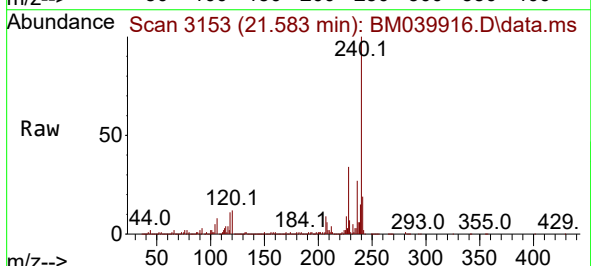
Tgt Ion:240 Resp: 1356311

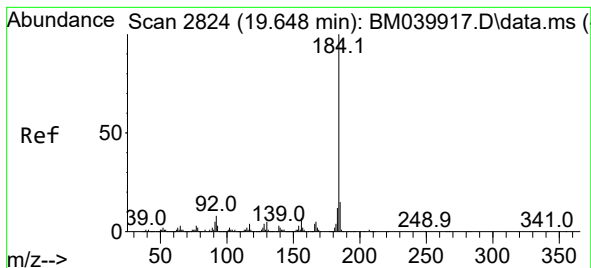
Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.4

236 26.8 20.9 31.3





#77

Benzidine

Concen: 21.480 ng

RT: 19.648 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

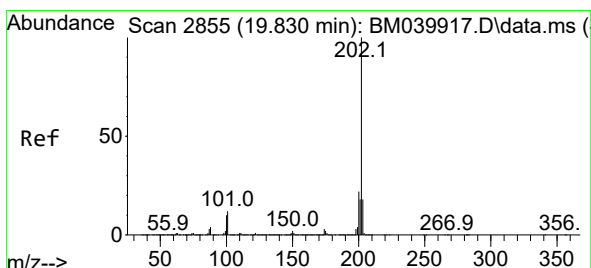
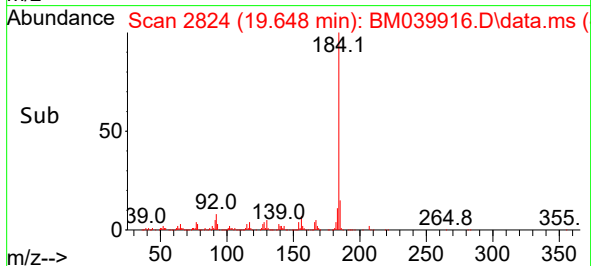
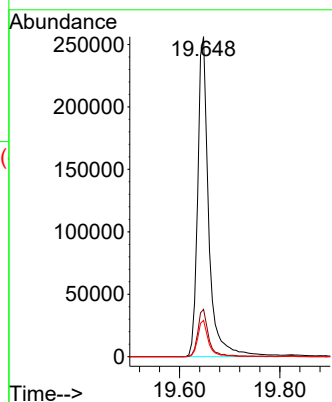
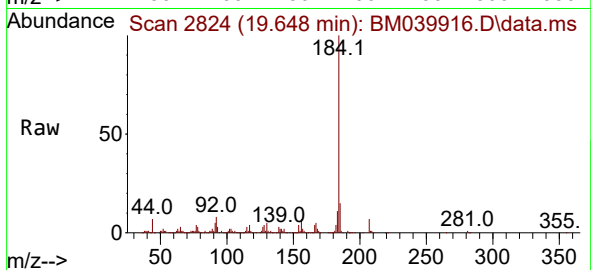
Tgt Ion:184 Resp: 391793

Ion Ratio Lower Upper

184 100

185 14.8 12.1 18.1

183 11.4 9.5 14.3



#78

Pyrene

Concen: 22.295 ng

RT: 19.824 min Scan# 2854

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

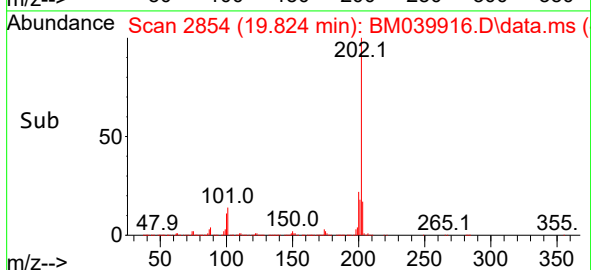
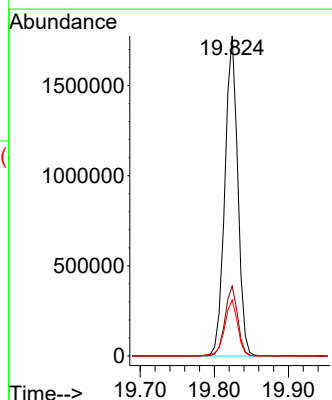
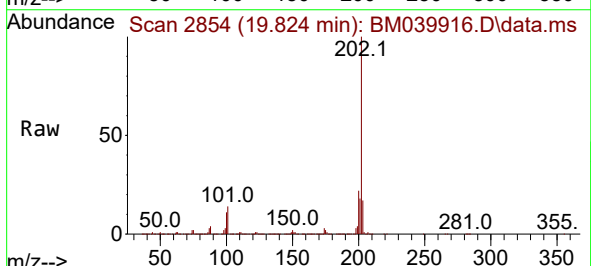
Tgt Ion:202 Resp: 2146675

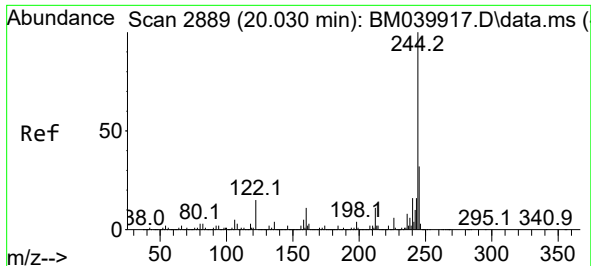
Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

203 17.4 14.2 21.2

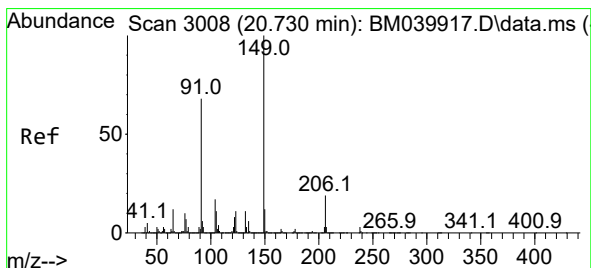
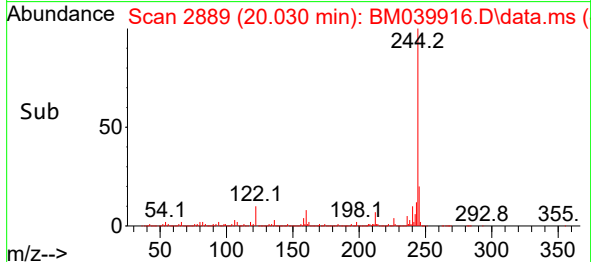
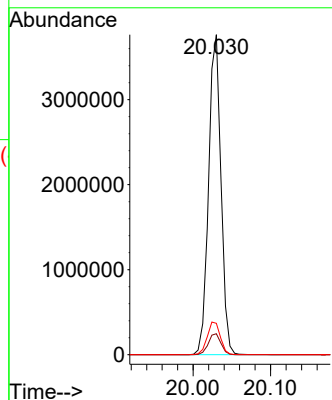
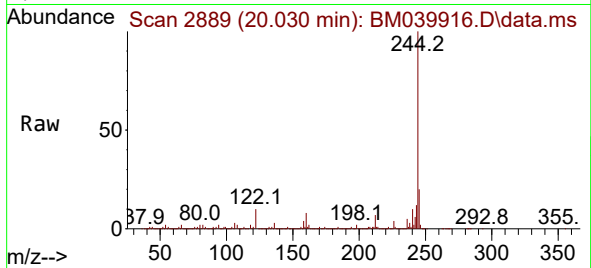




#79  
 Terphenyl-d14  
 Concen: 55.566 ng  
 RT: 20.030 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM039916.D  
 Acq: 12 May 2023 13:25

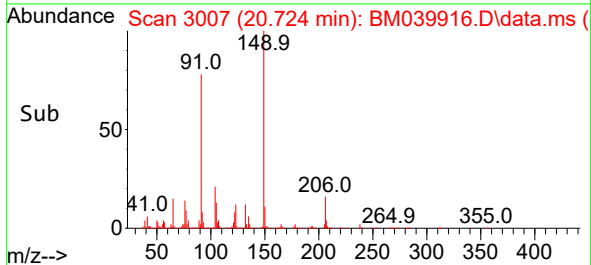
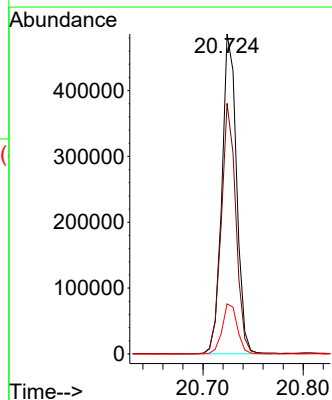
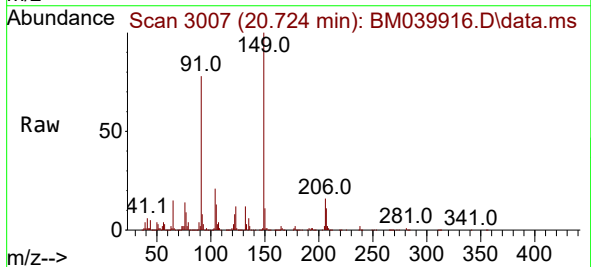
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

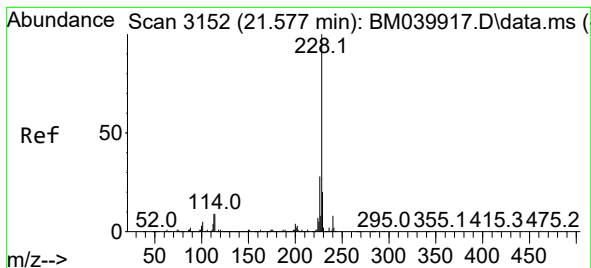
Tgt Ion:244 Resp: 4164099  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 8.5 12.7#  
 122 9.8 12.1 18.1#



#80  
 Butylbenzylphthalate  
 Concen: 16.431 ng  
 RT: 20.724 min Scan# 3007  
 Delta R.T. -0.006 min  
 Lab File: BM039916.D  
 Acq: 12 May 2023 13:25

Tgt Ion:149 Resp: 493292  
 Ion Ratio Lower Upper  
 149 100  
 91 78.3 54.5 81.7  
 206 15.7 14.9 22.3





#81

Benzo(a)anthracene

Concen: 20.148 ng

RT: 21.571 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

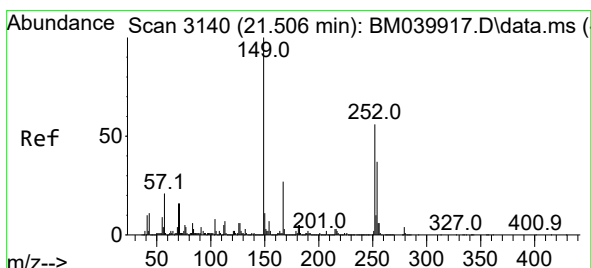
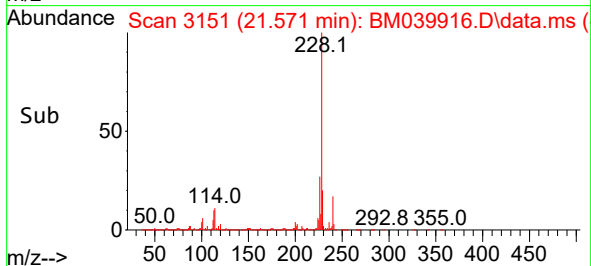
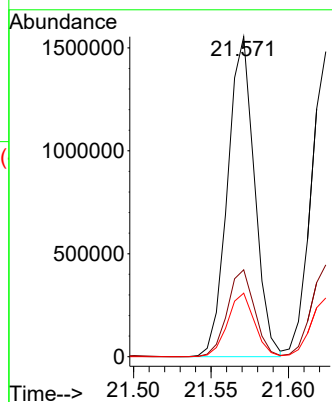
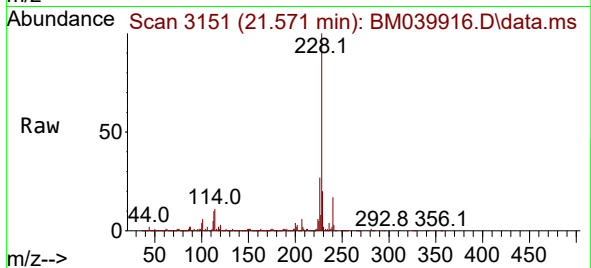
Tgt Ion:228 Resp: 1877285

Ion Ratio Lower Upper

228 100

226 27.1 22.6 34.0

229 19.8 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 15.775 ng

RT: 21.500 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

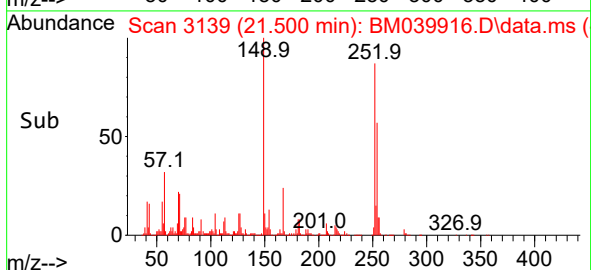
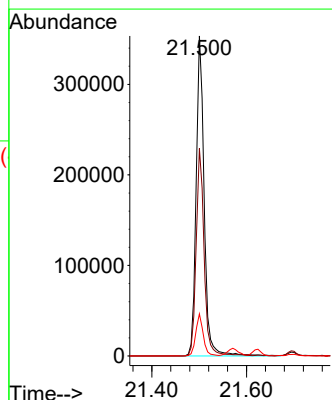
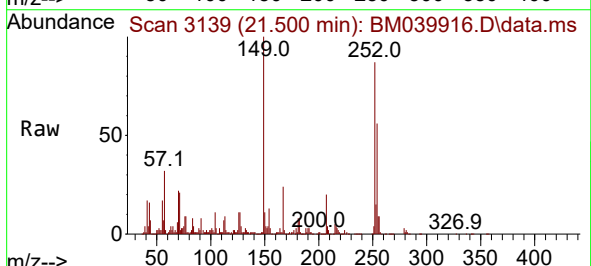
Tgt Ion:252 Resp: 418591

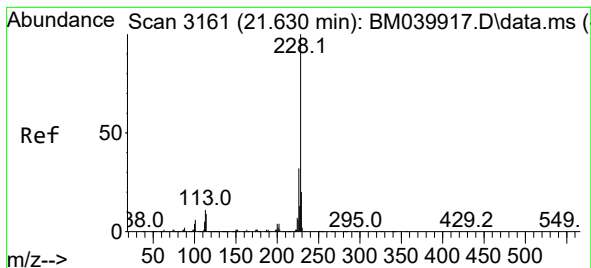
Ion Ratio Lower Upper

252 100

254 64.8 52.3 78.5

126 13.1 8.3 12.5#





#83

Chrysene

Concen: 20.585 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

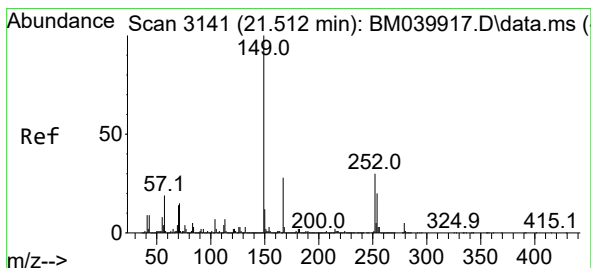
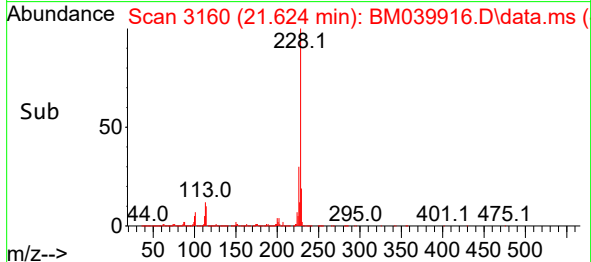
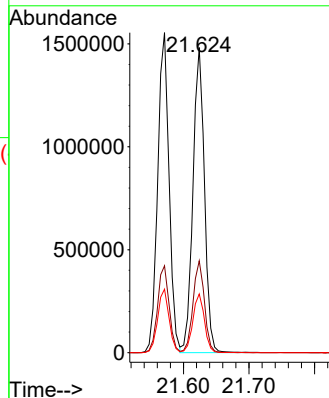
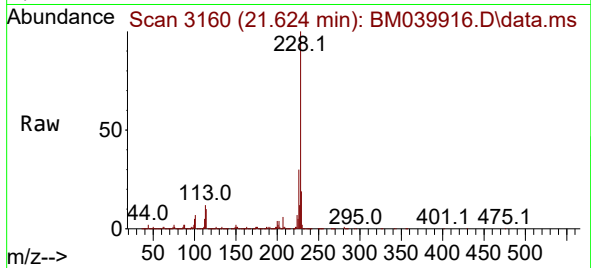
Tgt Ion:228 Resp: 1806749

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.0

229 19.2 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 17.072 ng

RT: 21.506 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

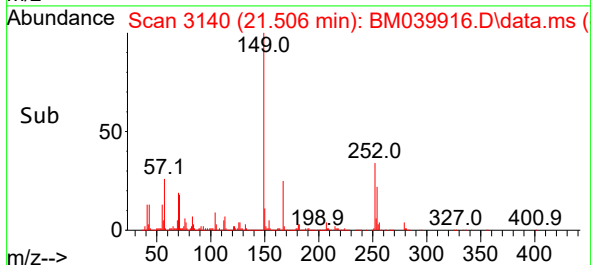
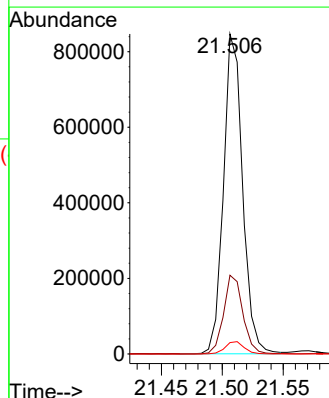
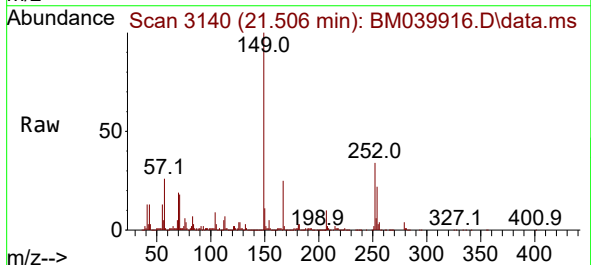
Tgt Ion:149 Resp: 923727

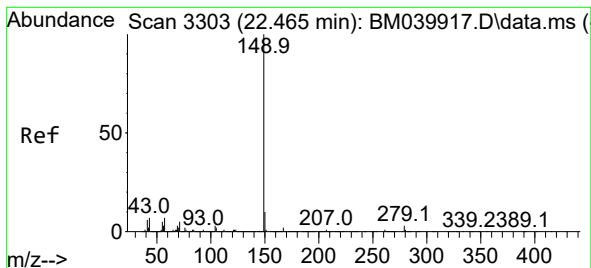
Ion Ratio Lower Upper

149 100

167 24.6 22.3 33.5

279 3.6 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 15.173 ng

RT: 22.465 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

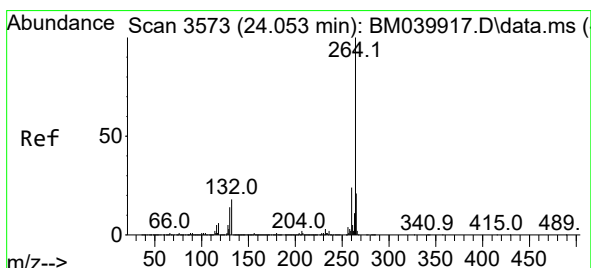
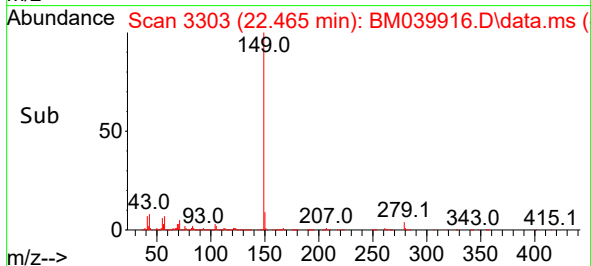
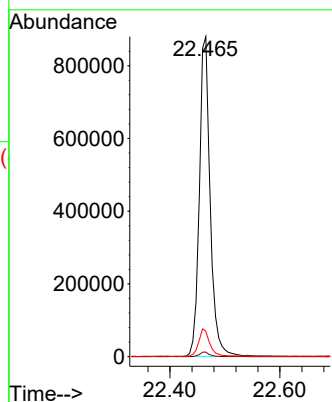
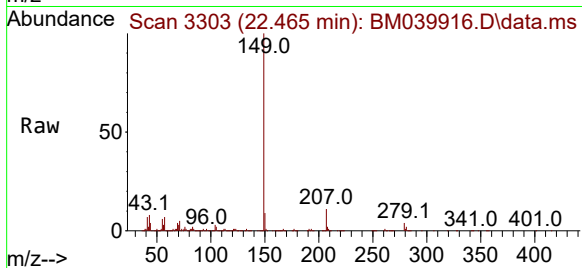
Tgt Ion:149 Resp: 1204402

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 8.9 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.047 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

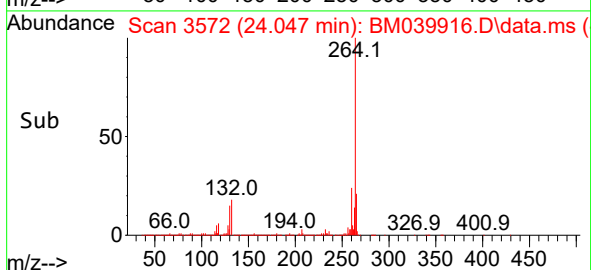
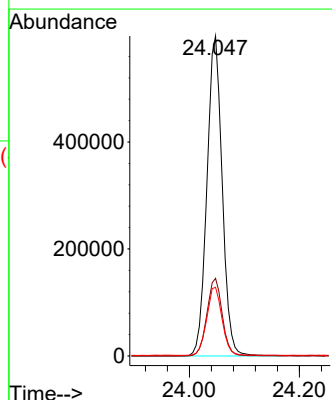
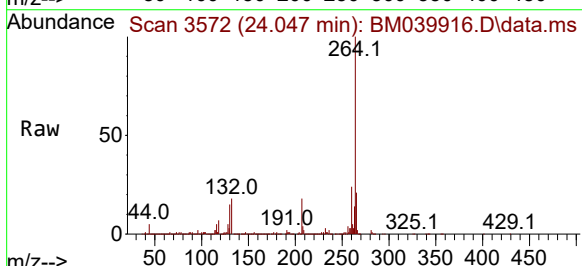
Tgt Ion:264 Resp: 1151911

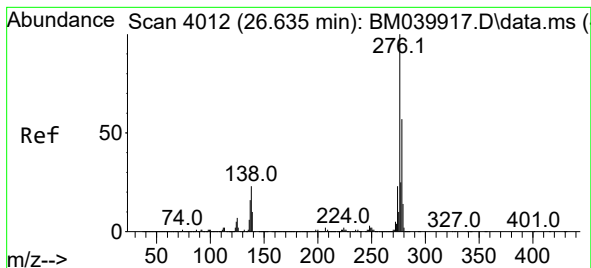
Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.854 ng

RT: 26.612 min Scan# 4012

Delta R.T. -0.023 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

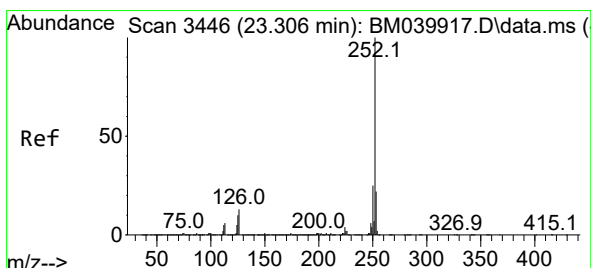
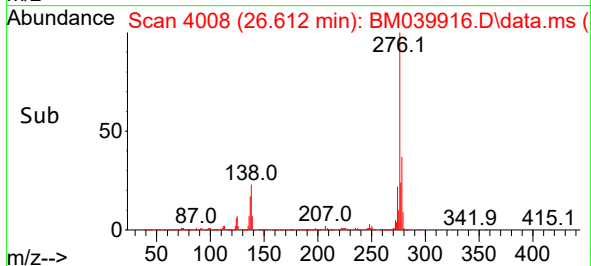
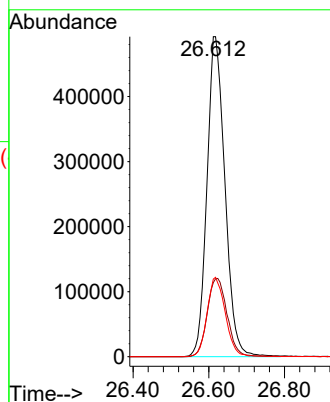
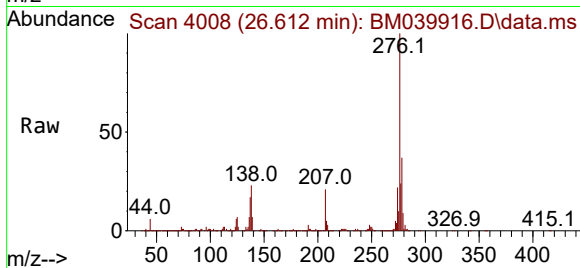
Tgt Ion:276 Resp: 1618763

Ion Ratio Lower Upper

276 100

138 27.0 19.8 29.8

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 19.163 ng

RT: 23.294 min Scan# 3444

Delta R.T. -0.012 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

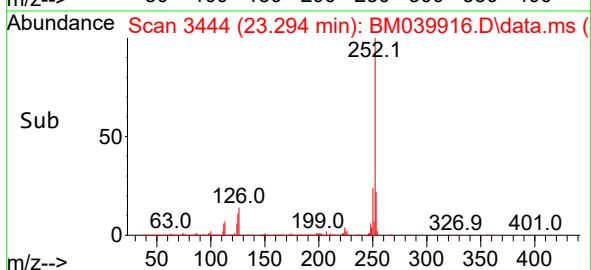
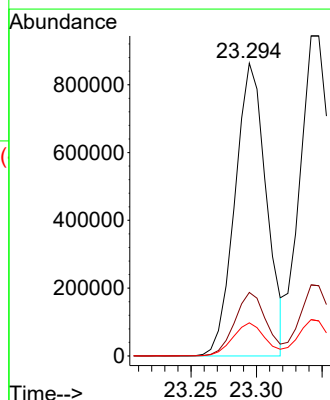
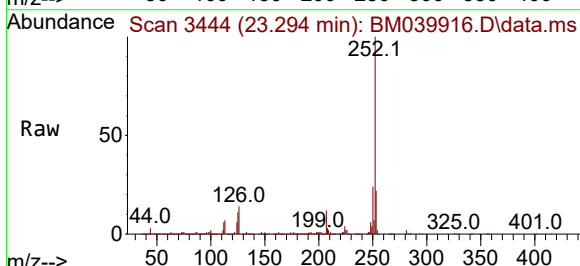
Tgt Ion:252 Resp: 1441358

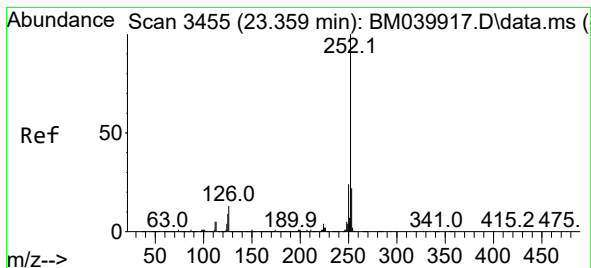
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 11.3 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 19.791 ng

RT: 23.342 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

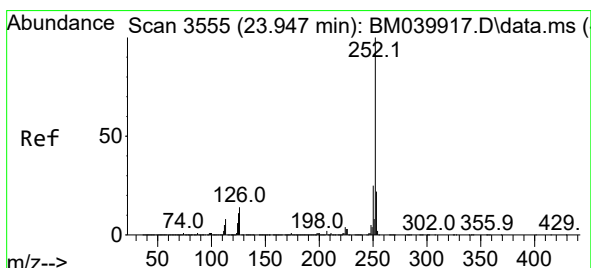
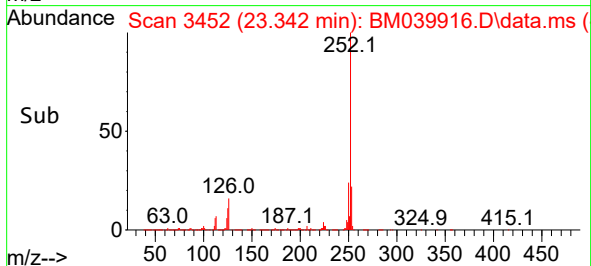
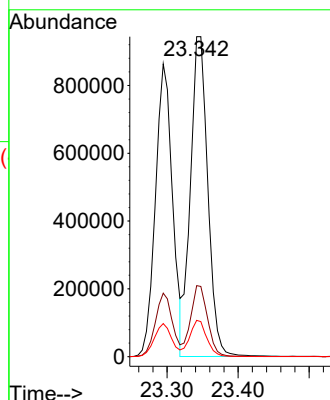
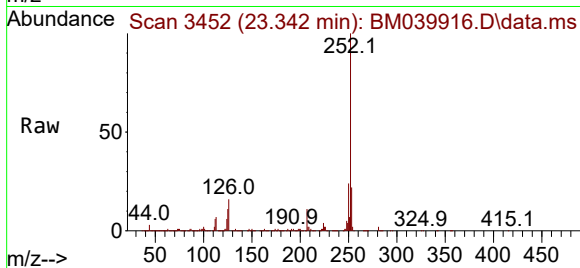
Tgt Ion:252 Resp: 1606025

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.3 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 19.282 ng

RT: 23.936 min Scan# 3553

Delta R.T. -0.012 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

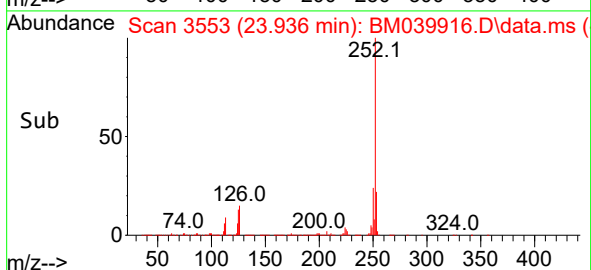
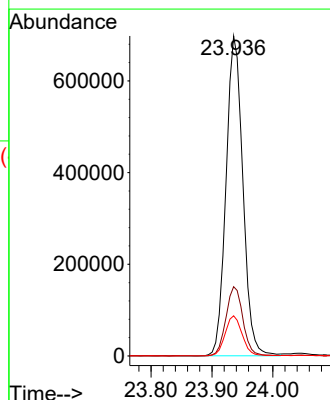
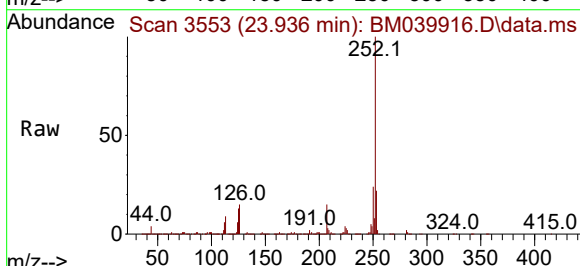
Tgt Ion:252 Resp: 1340507

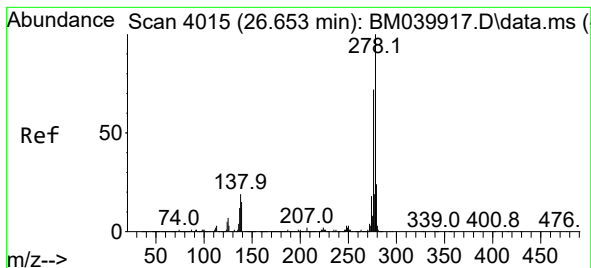
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 12.6 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 19.715 ng

RT: 26.641 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

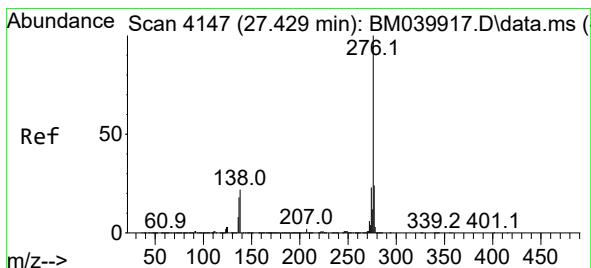
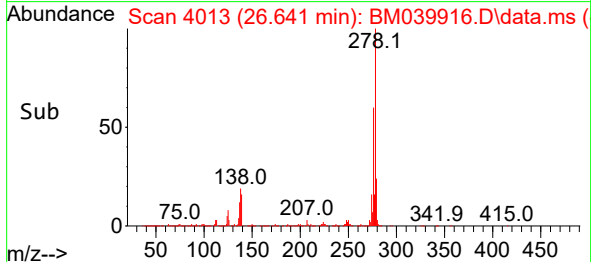
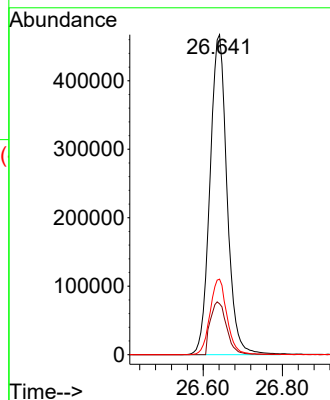
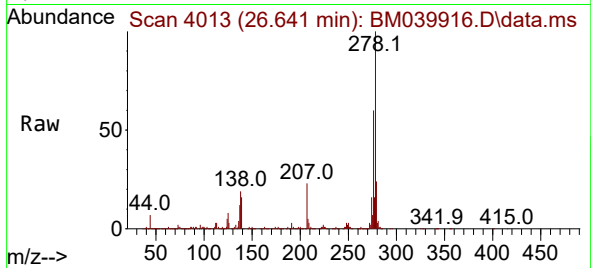
Tgt Ion:278 Resp: 1394278

Ion Ratio Lower Upper

278 100

139 15.9 12.2 18.4

279 23.6 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 20.512 ng

RT: 27.400 min Scan# 4142

Delta R.T. -0.029 min

Lab File: BM039916.D

Acq: 12 May 2023 13:25

Tgt Ion:276 Resp: 1249376

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 23.0 17.4 26.2

