

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020725\  
 Data File : BM049603.D  
 Acq On : 07 Feb 2025 15:43  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Feb 07 16:35:25 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 04:55:28 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.822  | 152  | 191851   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.622 | 136  | 735469   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.463 | 164  | 476309   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 903276   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.439 | 240  | 887934   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.468 | 264  | 715919   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 971833   | 81.459 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.981  | 99   | 1299547  | 83.143 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.975  | 82   | 1277873  | 89.372 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 446090   | 79.040 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.092 | 172  | 3195951  | 86.923 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.827 | 244  | 5607445  | 96.435 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.293  | 88   | 208757   | 41.616 | ng    | 99       |
| 3) Pyridine                   | 3.693  | 79   | 569407   | 40.849 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.599  | 42   | 277430   | 42.539 | ng    | 92       |
| 6) Aniline                    | 7.145  | 93   | 580828   | 39.208 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.387  | 128  | 481959   | 40.457 | ng    | 96       |
| 9) Benzaldehyde               | 6.957  | 77   | 338401   | 40.889 | ng    | 98       |
| 10) Phenol                    | 7.010  | 94   | 622921   | 40.462 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.245  | 93   | 518342   | 41.618 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.716  | 146  | 572239   | 41.384 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.857  | 146  | 582138   | 41.622 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.175  | 146  | 571131   | 42.290 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.057  | 79   | 420703   | 38.688 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.357  | 45   | 728137   | 43.428 | ng    | 99       |
| 17) 2-Methylphenol            | 8.257  | 107  | 391275   | 41.566 | ng    | 98       |
| 18) Hexachloroethane          | 8.910  | 117  | 215179   | 42.119 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.634  | 70   | 450106   | 43.976 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.587  | 107  | 516749   | 41.584 | ng    | 98       |
| 22) Acetophenone              | 8.639  | 105  | 833319   | 42.067 | ng    | # 97     |
| 24) Nitrobenzene              | 9.022  | 77   | 607023   | 43.696 | ng    | 99       |
| 25) Isophorone                | 9.545  | 82   | 1029542  | 39.925 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.733  | 139  | 156680   | 35.341 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.792  | 122  | 307484   | 37.712 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.033 | 93   | 688260   | 41.441 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.263 | 162  | 460863   | 41.043 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.486 | 180  | 561616   | 40.824 | ng    | 99       |
| 31) Naphthalene               | 10.669 | 128  | 1592814  | 41.064 | ng    | 99       |
| 32) Benzoic acid              | 9.910  | 122  | 157788   | 35.754 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.769 | 127  | 571689   | 39.376 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.969 | 225  | 340647   | 41.350 | ng    | 99       |
| 35) Caprolactam               | 11.539 | 113  | 128576   | 37.534 | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 11.898 | 107  | 443383   | 39.595 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.286 | 142  | 1126789  | 41.259 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.504 | 142  | 1092548  | 41.117 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.651 | 216  | 643127   | 41.067 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.645 | 237  | 143229   | 35.827 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.892 | 196  | 329641   | 38.574 | ng    | 99       |

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 ClientSampleId :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 04:55:28 2025  
 Response via : Initial Calibration

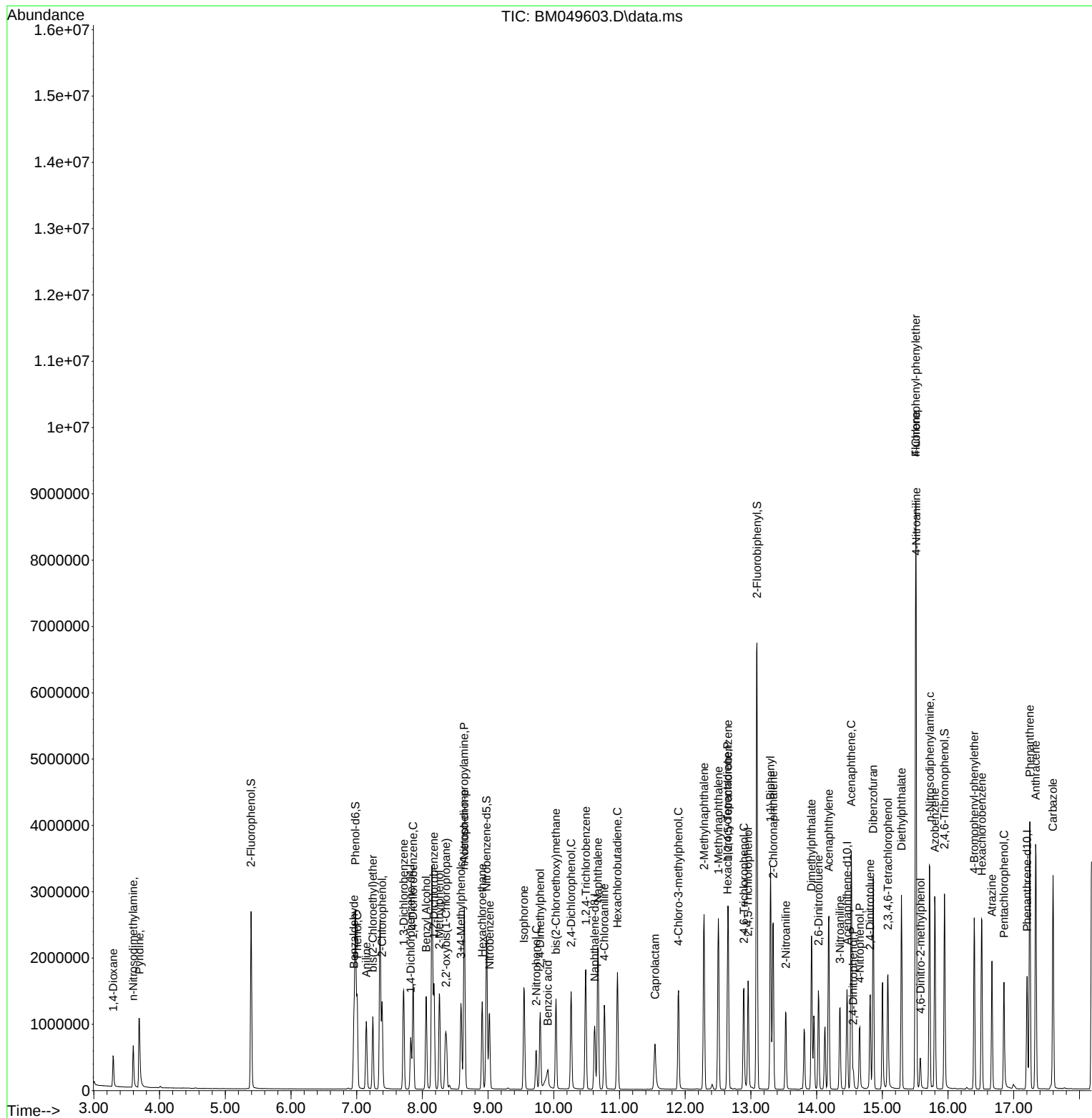
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.957 | 196  | 373626   | 39.785 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.298 | 154  | 1497729  | 41.219 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.339 | 162  | 1159896  | 41.259 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.533 | 65   | 281559   | 38.847 | ng    | 97       |
| 49) Acenaphthylene            | 14.186 | 152  | 1702324  | 41.065 | ng    | 99       |
| 50) Dimethylphthalate         | 13.921 | 163  | 1366535  | 39.950 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.027 | 165  | 258723   | 43.711 | ng    | 94       |
| 52) Acenaphthene              | 14.527 | 154  | 1146562  | 41.669 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.357 | 138  | 265617   | 44.077 | ng #  | 96       |
| 54) 2,4-Dinitrophenol         | 14.557 | 184  | 46156    | 35.883 | ng    | 87       |
| 55) Dibenzofuran              | 14.863 | 168  | 1842163  | 42.046 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.657 | 139  | 197868   | 38.951 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.816 | 165  | 337426   | 42.109 | ng    | 99       |
| 58) Fluorene                  | 15.510 | 166  | 1696934  | 45.275 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.086 | 232  | 328177   | 41.362 | ng    | 100      |
| 60) Diethylphthalate          | 15.292 | 149  | 1410288  | 41.025 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204  | 897185   | 44.974 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.515 | 138  | 324709   | 42.196 | ng    | 99       |
| 63) Azobenzene                | 15.798 | 77   | 1573574  | 43.855 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 198  | 79440    | 35.253 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.721 | 169  | 1178496  | 41.370 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248  | 429202   | 40.901 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.515 | 284  | 484650   | 40.239 | ng    | 100      |
| 69) Atrazine                  | 16.668 | 200  | 295969   | 34.952 | ng    | 96       |
| 70) Pentachlorophenol         | 16.851 | 266  | 239189   | 34.300 | ng    | 100      |
| 71) Phenanthrene              | 17.245 | 178  | 2156248  | 41.902 | ng    | 100      |
| 72) Anthracene                | 17.333 | 178  | 2112998  | 41.470 | ng    | 100      |
| 73) Carbazole                 | 17.598 | 167  | 1818068  | 40.654 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 2291870  | 40.388 | ng    | 100      |
| 75) Fluoranthene              | 19.256 | 202  | 2501450  | 41.520 | ng    | 99       |
| 77) Benzidine                 | 19.439 | 184  | 251608   | 31.998 | ng    | 96       |
| 78) Pyrene                    | 19.621 | 202  | 2616645  | 39.357 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.533 | 149  | 662322   | 32.014 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.421 | 228  | 2441517  | 40.572 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.345 | 252  | 556530   | 34.368 | ng    | 98       |
| 83) Chrysene                  | 21.486 | 228  | 2313800  | 41.040 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.374 | 149  | 1282753  | 36.169 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.527 | 149  | 1706325  | 30.496 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.891 | 276  | 1587030  | 40.591 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.515 | 252  | 2027116  | 41.159 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.580 | 252  | 1939592  | 40.547 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.327 | 252  | 1574267  | 40.335 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.956 | 278  | 1249408  | 40.433 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.956 | 276  | 1430421  | 41.439 | ng    | 98       |

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

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Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SSTDCCC040EC

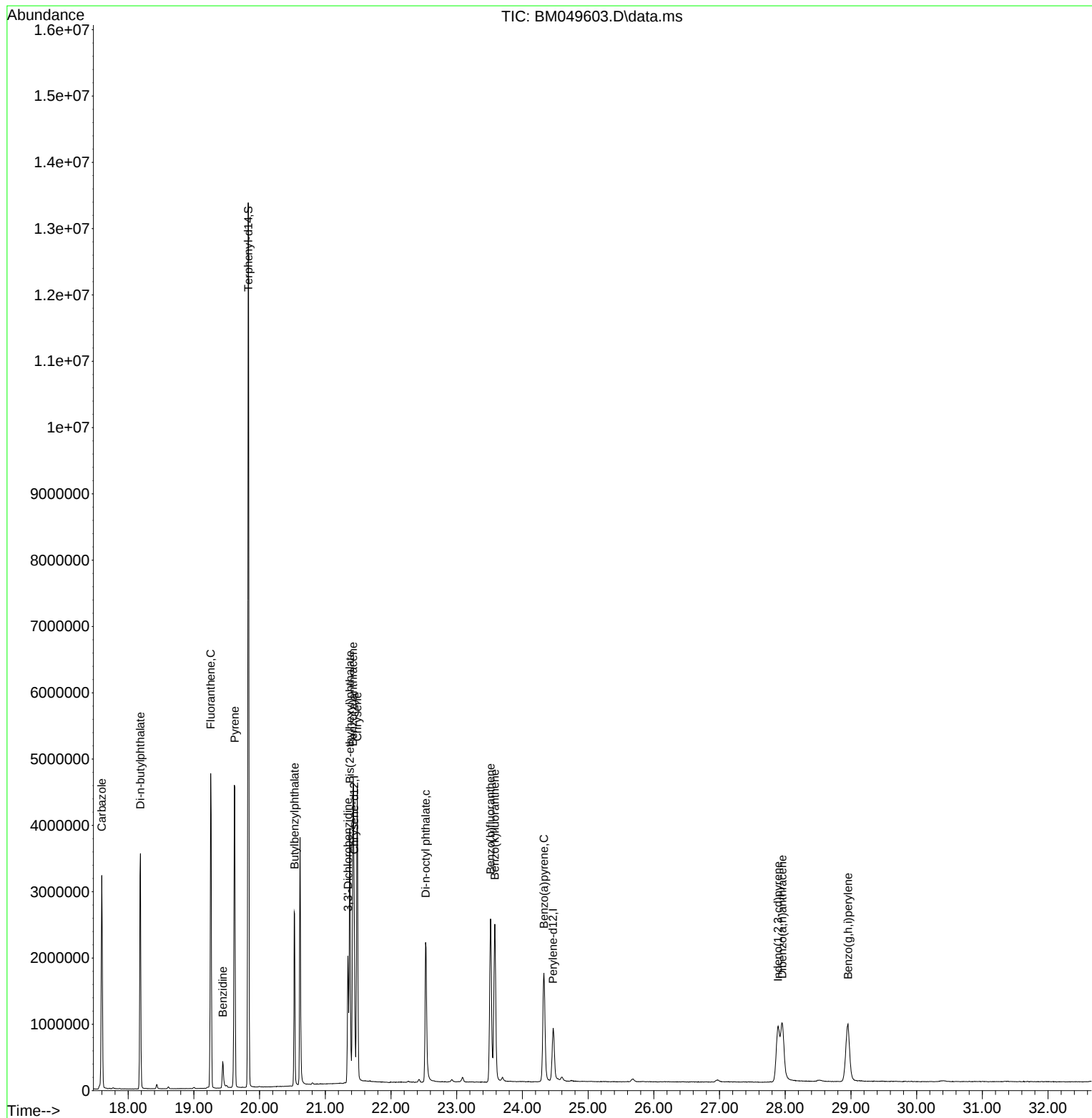
Quant Time: Feb 07 16:35:25 2025  
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QLast Update : Thu Feb 06 04:55:28 2025  
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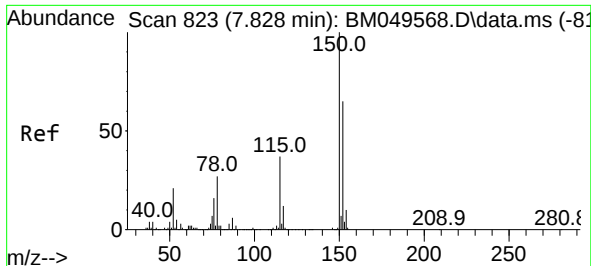


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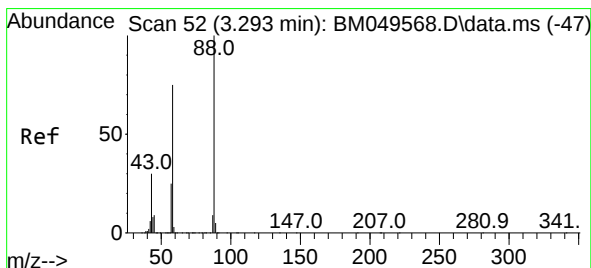
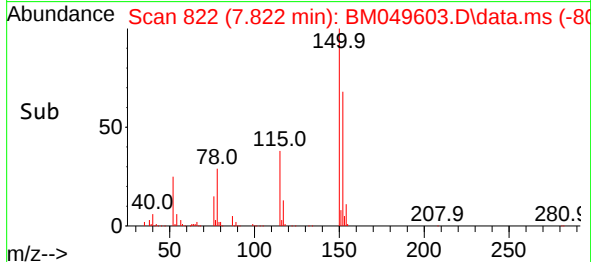
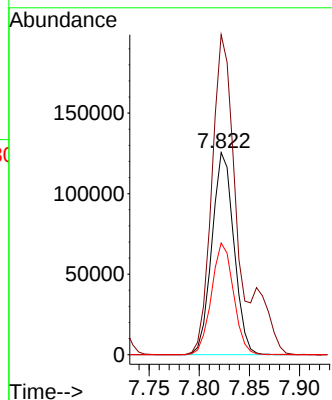
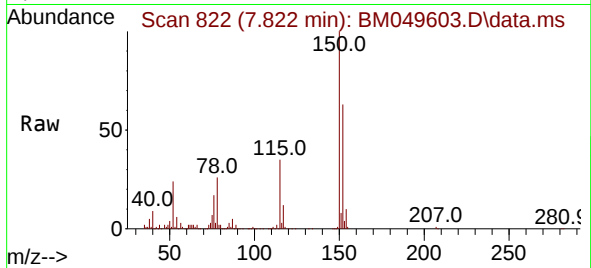




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.822 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BM049603.D  
 Acq: 07 Feb 2025 15:43

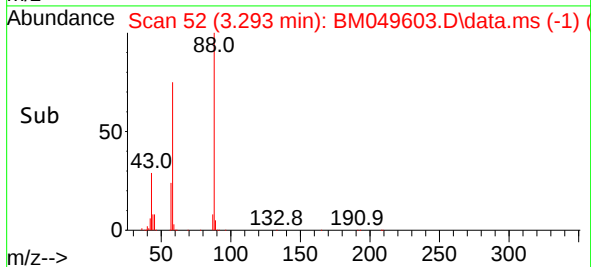
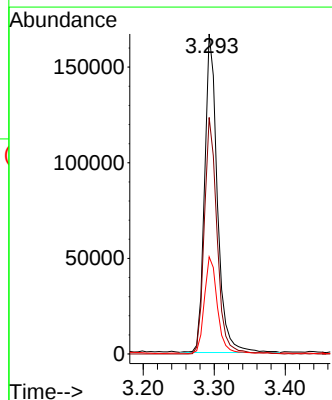
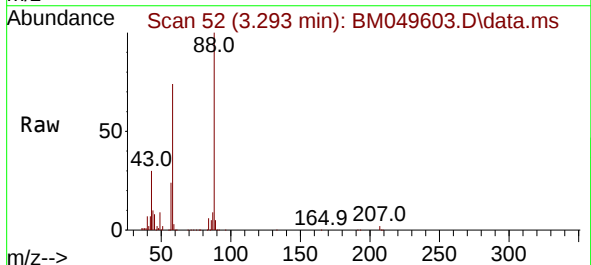
Instrument :  
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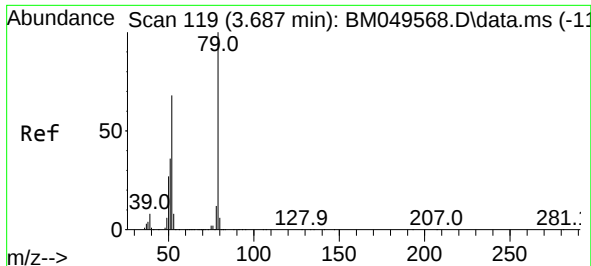
Tgt Ion:152 Resp: 191851  
 Ion Ratio Lower Upper  
 152 100  
 150 158.4 122.6 184.0  
 115 55.3 45.4 68.0



#2  
 1,4-Dioxane  
 Concen: 41.616 ng  
 RT: 3.293 min Scan# 52  
 Delta R.T. 0.000 min  
 Lab File: BM049603.D  
 Acq: 07 Feb 2025 15:43

Tgt Ion: 88 Resp: 208757  
 Ion Ratio Lower Upper  
 88 100  
 58 74.4 60.0 90.0  
 43 30.9 24.4 36.6

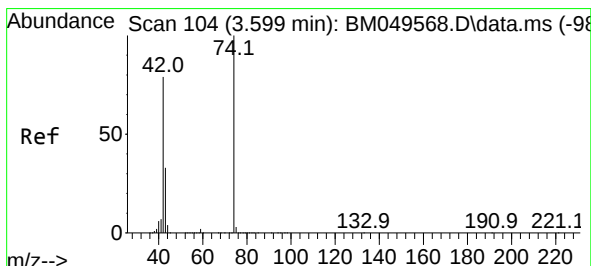
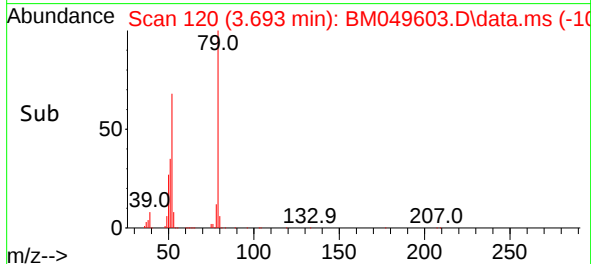
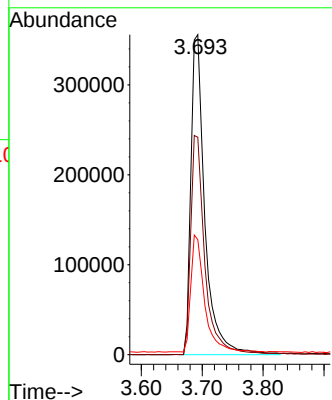
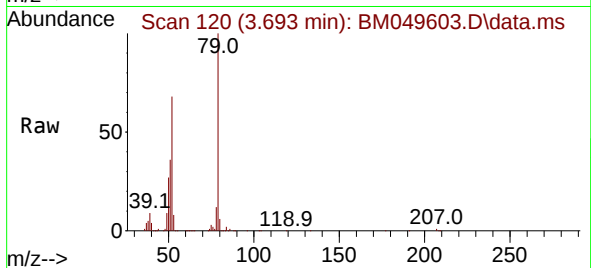




#3  
Pyridine  
Concen: 40.849 ng  
RT: 3.693 min Scan# 119  
Delta R.T. 0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

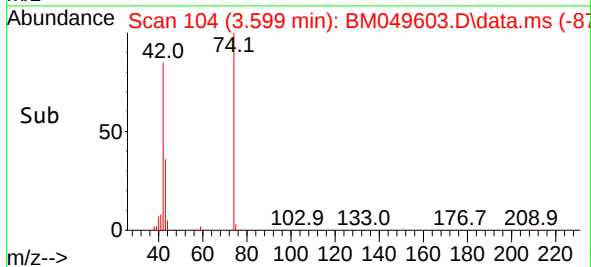
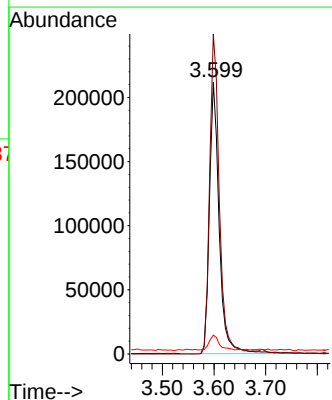
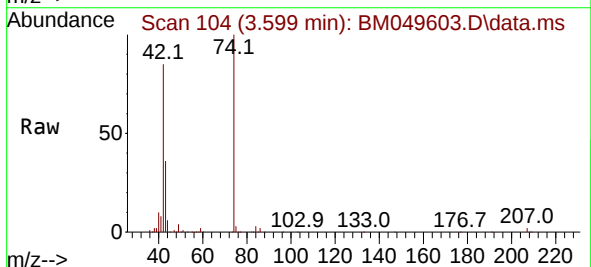
Instrument :  
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ClientSampleId :  
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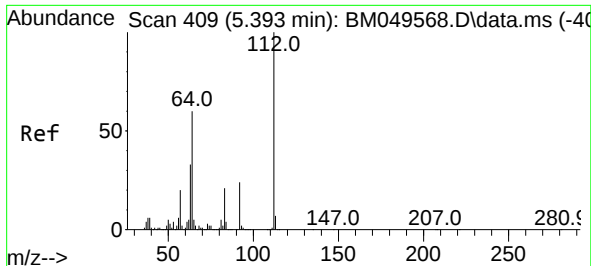
Tgt Ion: 79 Resp: 569407  
Ion Ratio Lower Upper  
79 100  
52 67.9 54.5 81.7  
51 36.0 29.0 43.6



#4  
n-Nitrosodimethylamine  
Concen: 42.539 ng  
RT: 3.599 min Scan# 104  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion: 42 Resp: 277430  
Ion Ratio Lower Upper  
42 100  
74 117.7 101.3 151.9  
44 6.9 6.5 9.7

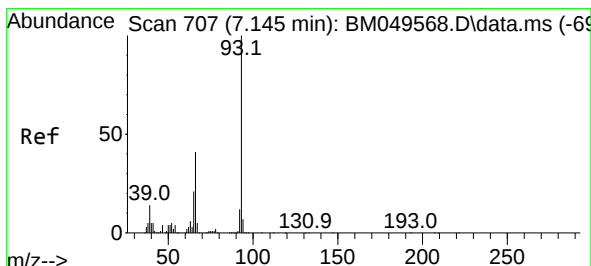
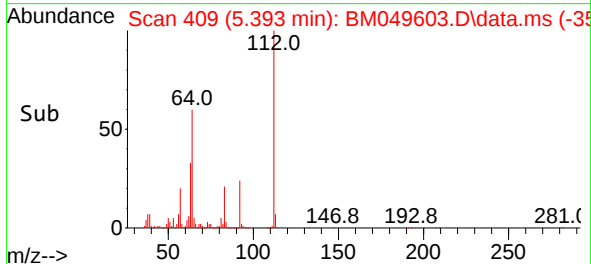
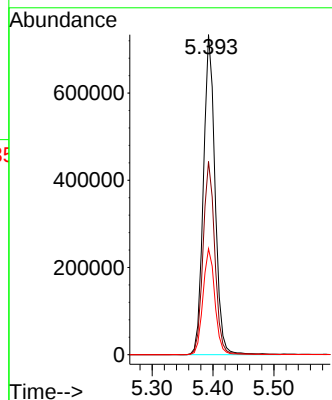
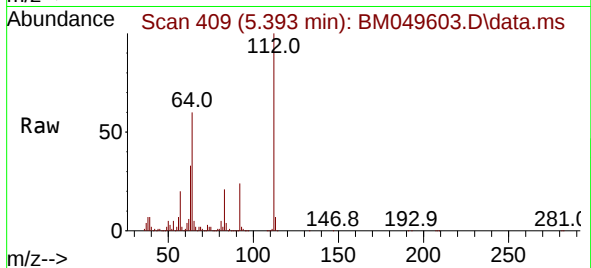




#5  
2-Fluorophenol  
Concen: 81.459 ng  
RT: 5.393 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
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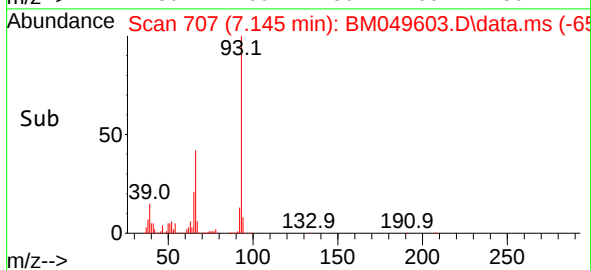
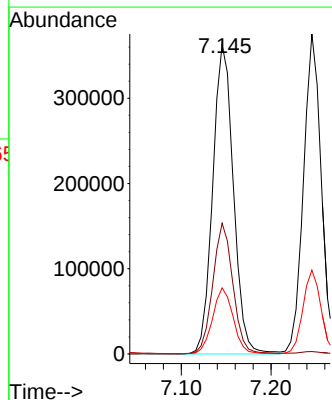
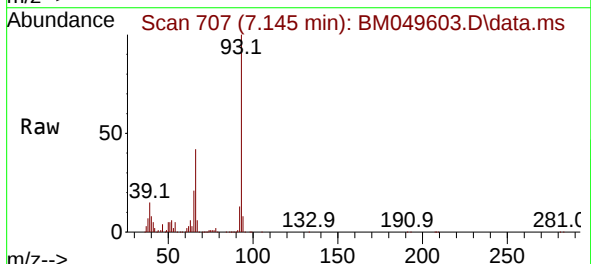
Instrument :  
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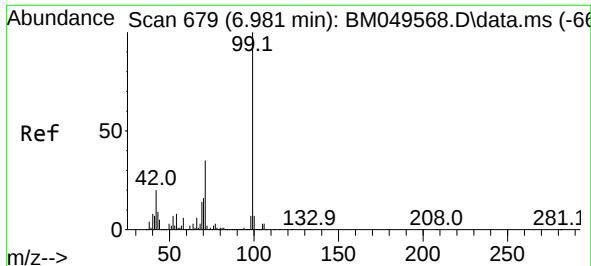
Tgt Ion:112 Resp: 971833  
Ion Ratio Lower Upper  
112 100  
64 60.4 47.8 71.8  
63 33.1 26.2 39.4



#6  
Aniline  
Concen: 39.208 ng  
RT: 7.145 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion: 93 Resp: 580828  
Ion Ratio Lower Upper  
93 100  
66 42.3 33.3 49.9  
65 21.4 16.8 25.2

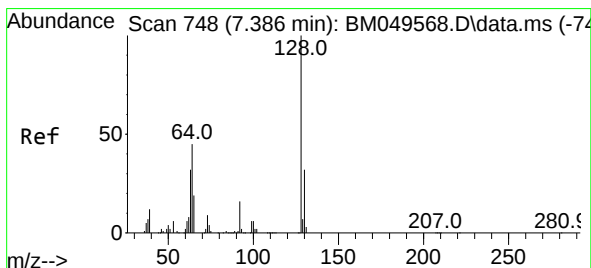
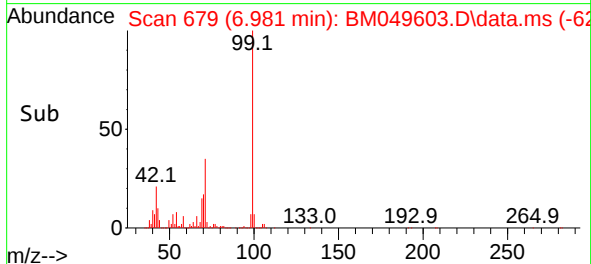
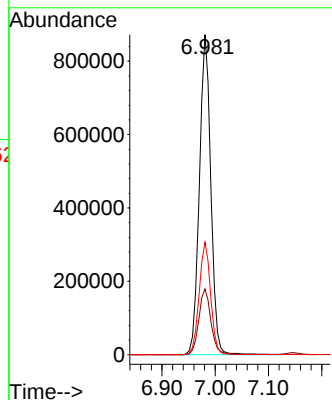
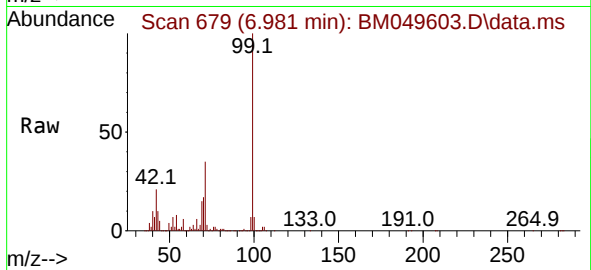




#7  
Phenol-d6  
Concen: 83.143 ng  
RT: 6.981 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
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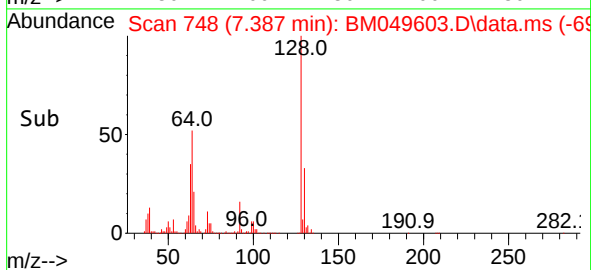
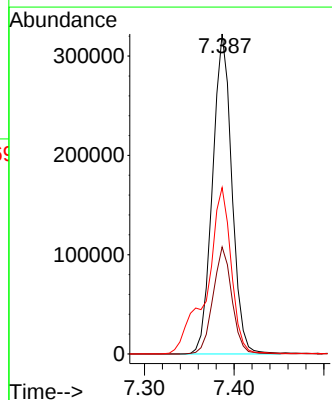
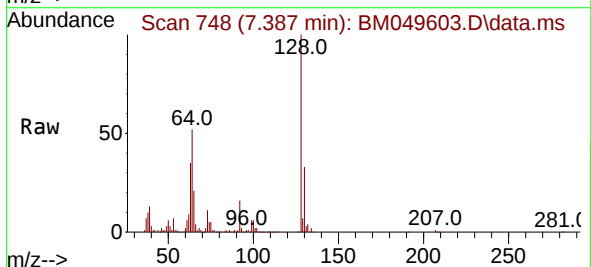
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BNA\_M  
ClientSampleId :  
SSTDCCC040EC

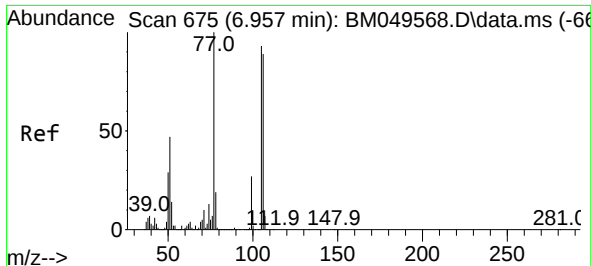
Tgt Ion: 99 Resp: 1299547  
Ion Ratio Lower Upper  
99 100  
42 20.5 16.0 24.0  
71 35.1 27.8 41.6



#8  
2-Chlorophenol  
Concen: 40.457 ng  
RT: 7.387 min Scan# 748  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion: 128 Resp: 481959  
Ion Ratio Lower Upper  
128 100  
130 33.5 12.4 52.4  
64 52.0 28.7 68.7

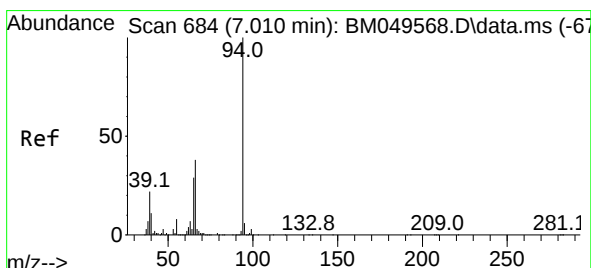
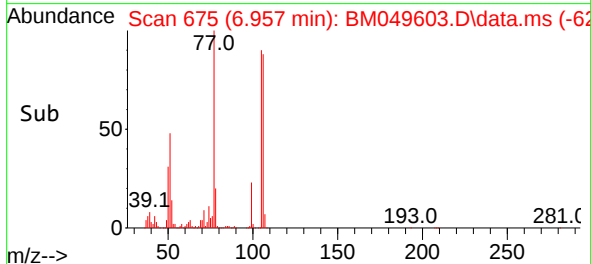
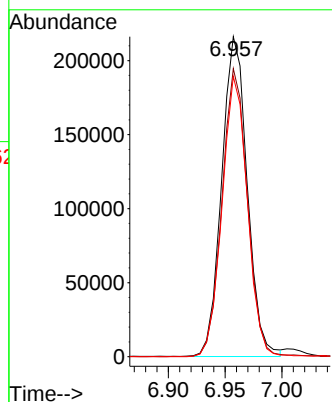
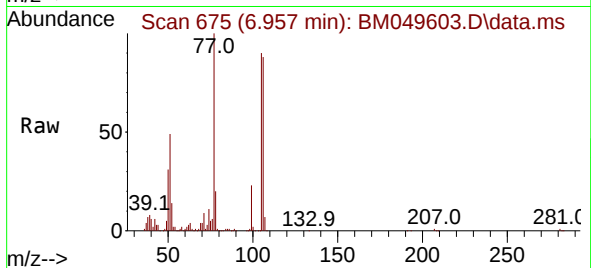




#9  
Benzaldehyde  
Concen: 40.889 ng  
RT: 6.957 min Scan# 675  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

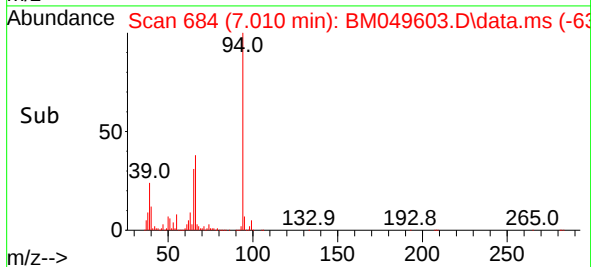
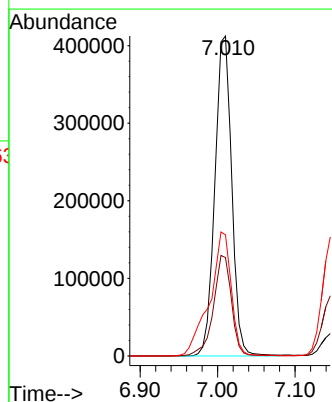
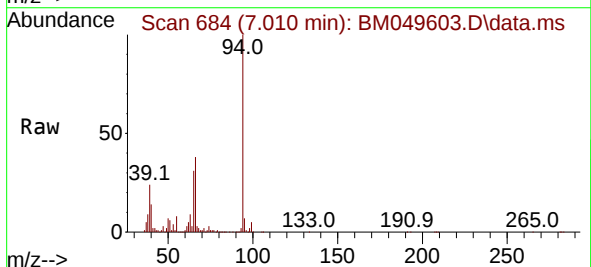
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

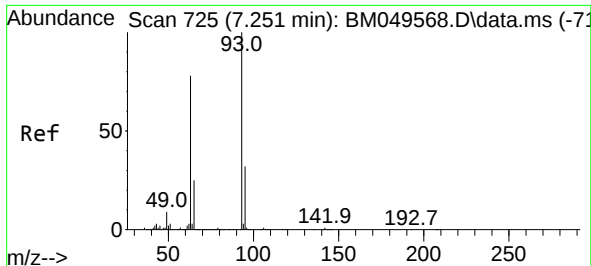
Tgt Ion: 77 Resp: 338401  
Ion Ratio Lower Upper  
77 100  
105 90.0 72.7 112.7  
106 87.5 68.9 108.9



#10  
Phenol  
Concen: 40.462 ng  
RT: 7.010 min Scan# 684  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion: 94 Resp: 622921  
Ion Ratio Lower Upper  
94 100  
65 30.8 9.3 49.3  
66 37.9 17.7 57.7

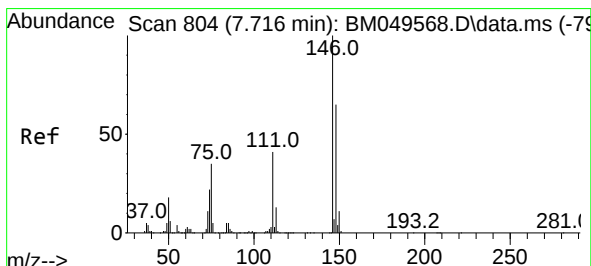
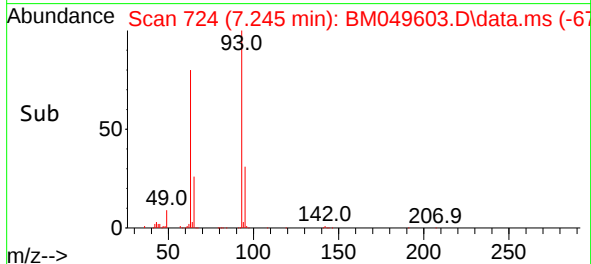
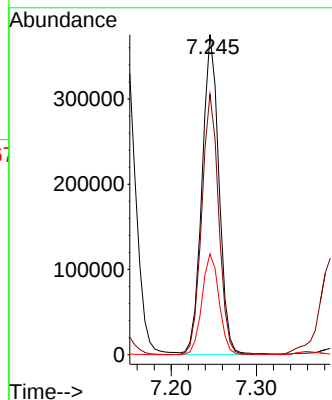
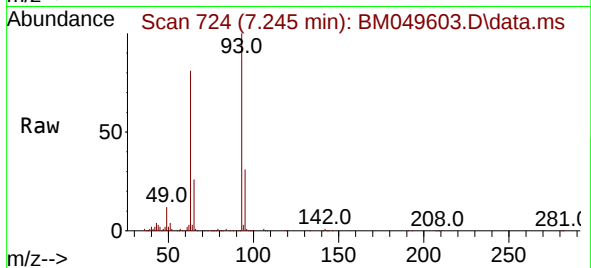




#11  
bis(2-Chloroethyl)ether  
Concen: 41.618 ng  
RT: 7.245 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

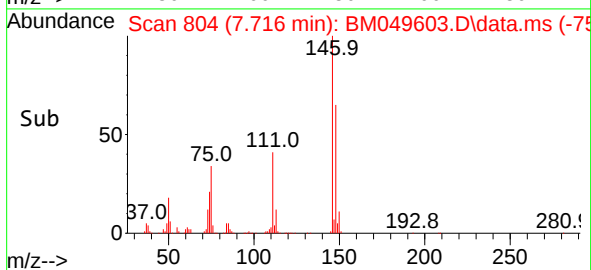
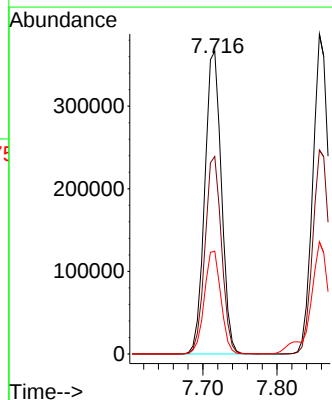
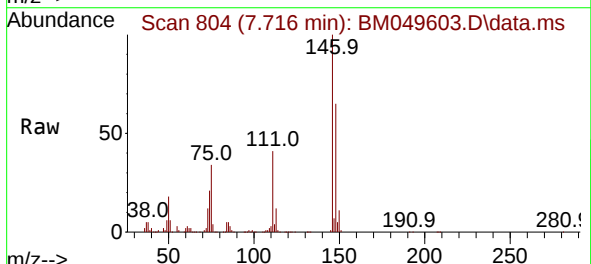
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

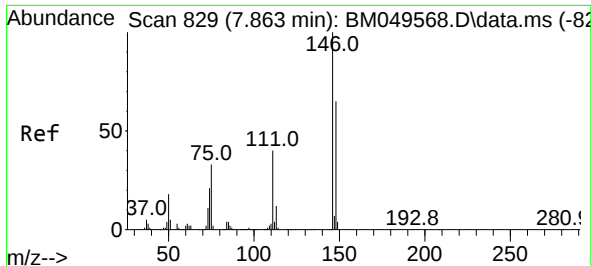
Tgt Ion: 93 Resp: 518342  
Ion Ratio Lower Upper  
93 100  
63 81.4 57.3 97.3  
95 31.5 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 41.384 ng  
RT: 7.716 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:146 Resp: 572239  
Ion Ratio Lower Upper  
146 100  
148 65.2 52.2 78.2  
75 34.0 28.3 42.5

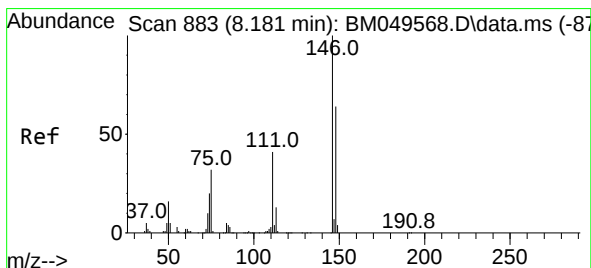
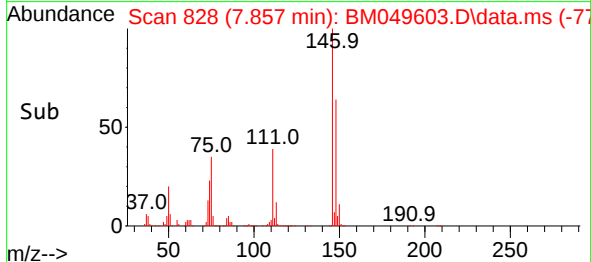
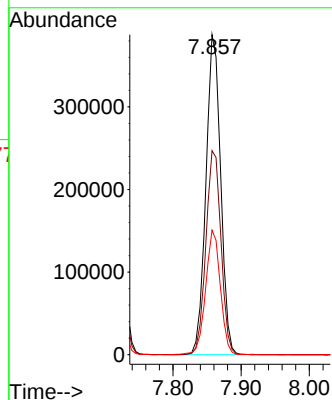
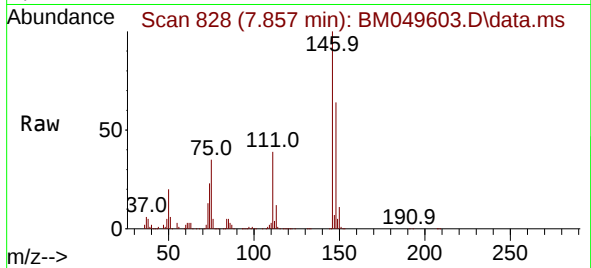




#13  
1,4-Dichlorobenzene  
Concen: 41.622 ng  
RT: 7.857 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

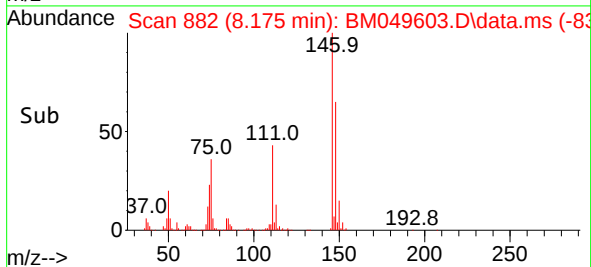
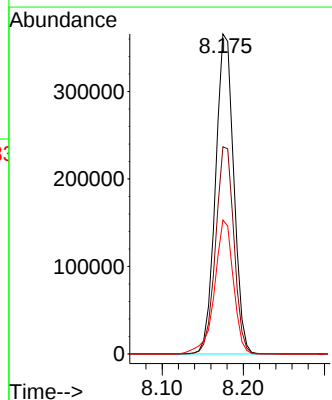
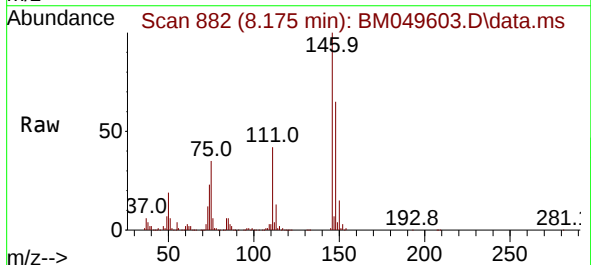
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

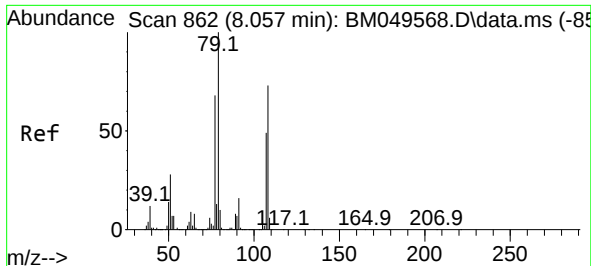
Tgt Ion:146 Resp: 582138  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.1 78.1  
111 38.9 31.7 47.5



#14  
1,2-Dichlorobenzene  
Concen: 42.290 ng  
RT: 8.175 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:146 Resp: 571131  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.5 77.3  
111 41.9 33.4 50.0

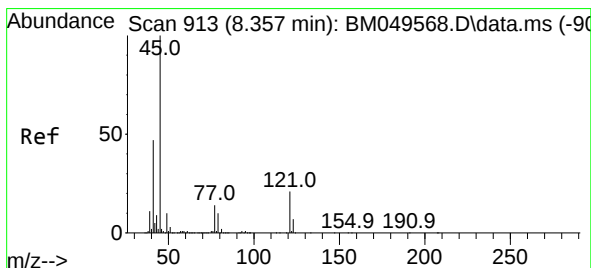
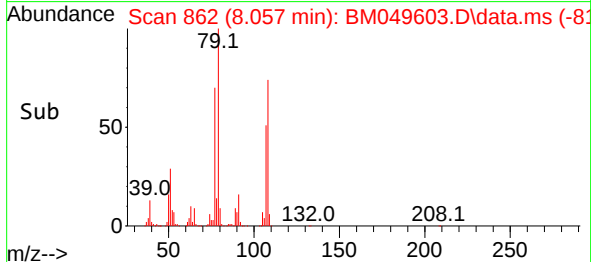
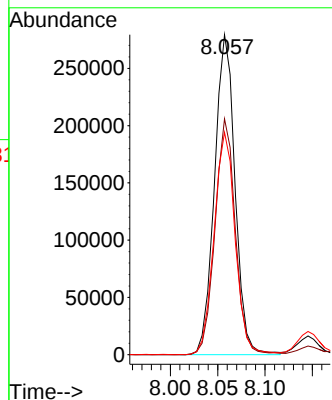
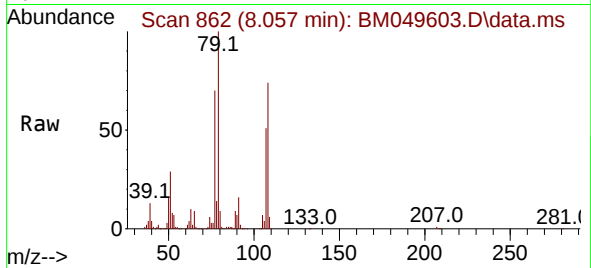




#15  
Benzyl Alcohol  
Concen: 38.688 ng  
RT: 8.057 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

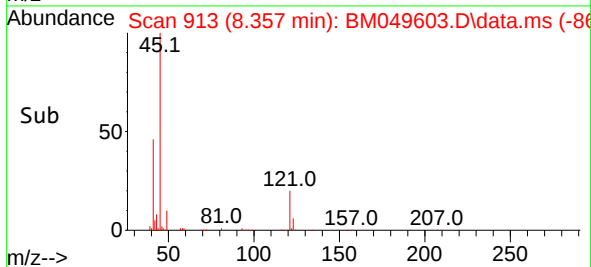
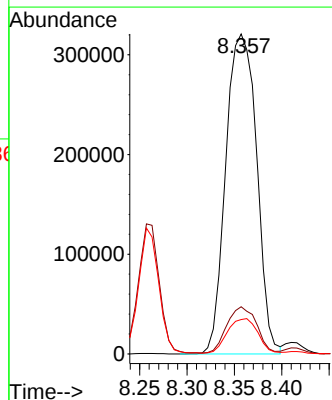
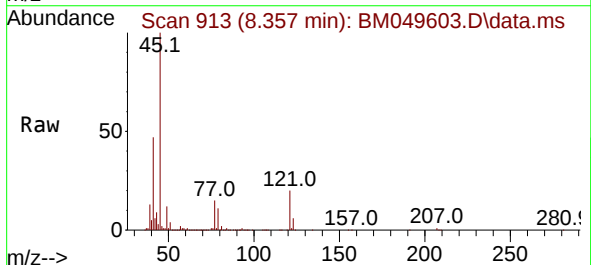
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

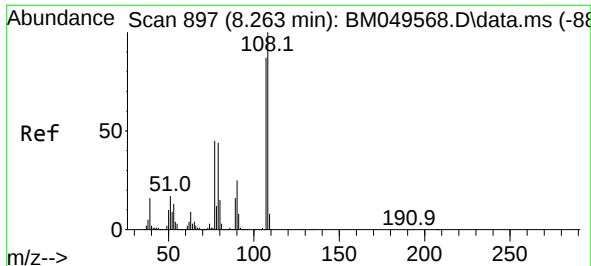
Tgt Ion: 79 Resp: 420703  
Ion Ratio Lower Upper  
79 100  
108 73.7 58.6 88.0  
77 69.5 54.0 81.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.428 ng  
RT: 8.357 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion: 45 Resp: 728137  
Ion Ratio Lower Upper  
45 100  
77 14.8 0.0 34.0  
79 10.8 0.0 30.8

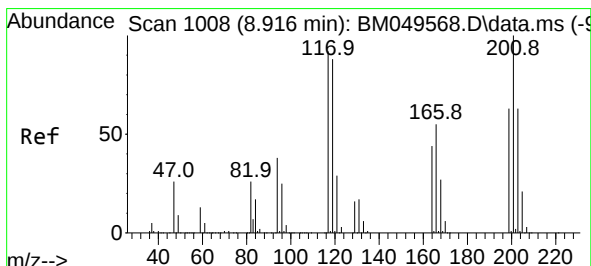
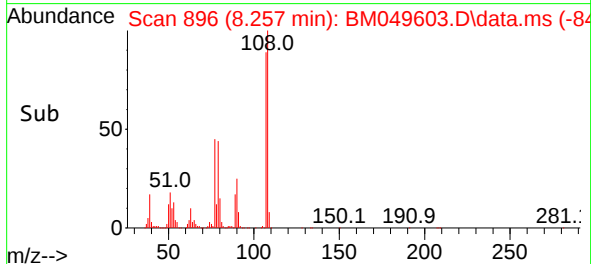
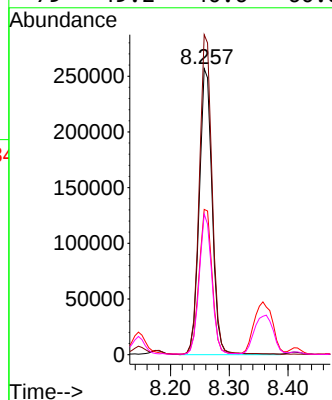
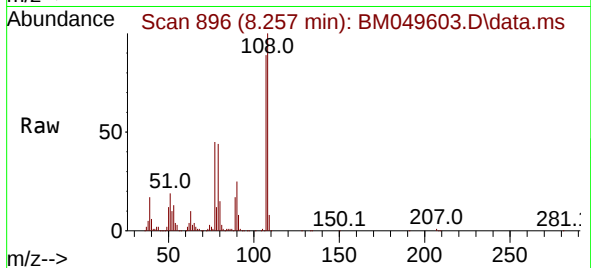




#17  
2-Methylphenol  
Concen: 41.566 ng  
RT: 8.257 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

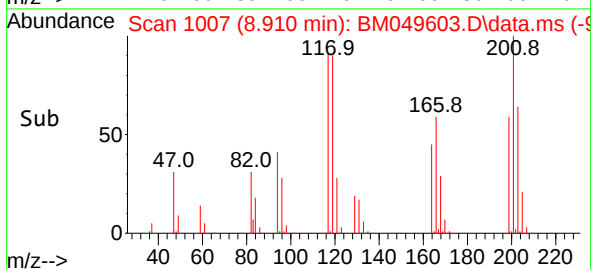
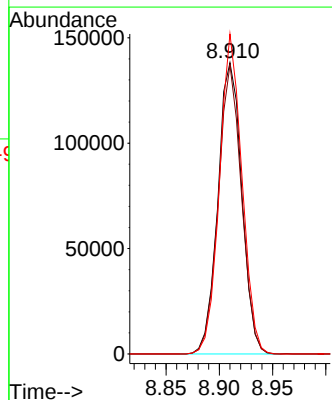
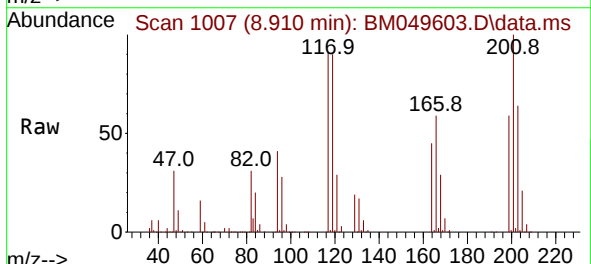
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

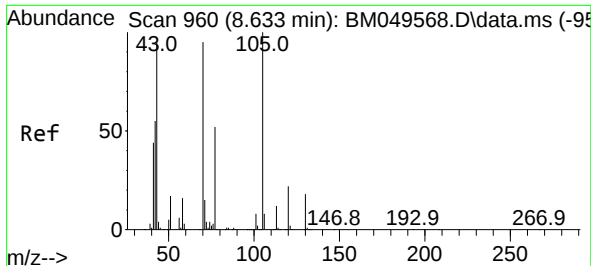
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 391275 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.8 | 92.2  | 138.4  |
| 77       | 50.8  | 41.3  | 61.9   |
| 79       | 49.2  | 40.6  | 60.8   |



#18  
Hexachloroethane  
Concen: 42.119 ng  
RT: 8.910 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 215179 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.2  | 76.8  | 115.2  |
| 201      | 109.9 | 87.0  | 130.6  |

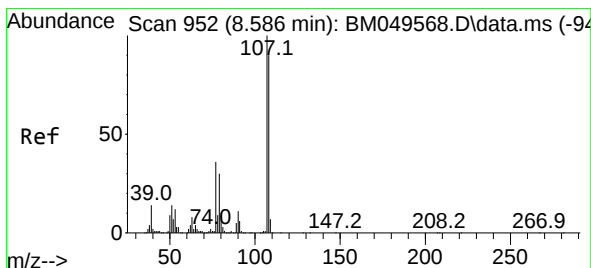
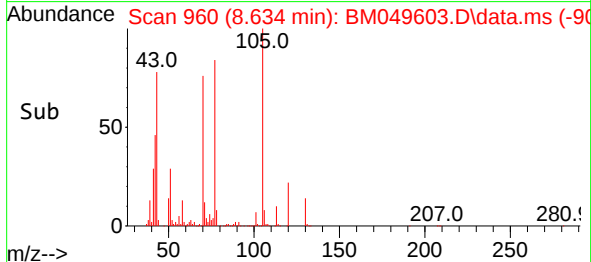
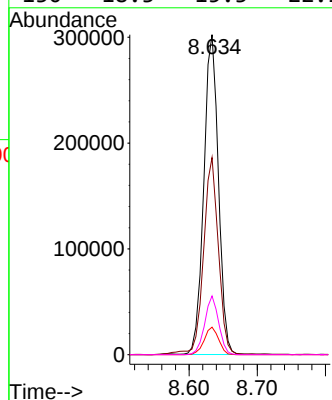
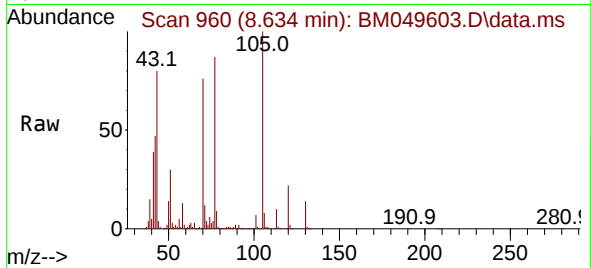




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.976 ng  
RT: 8.634 min Scan# 960  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

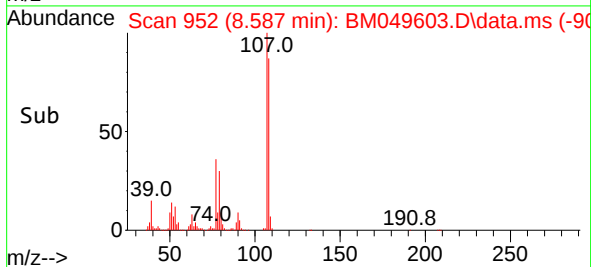
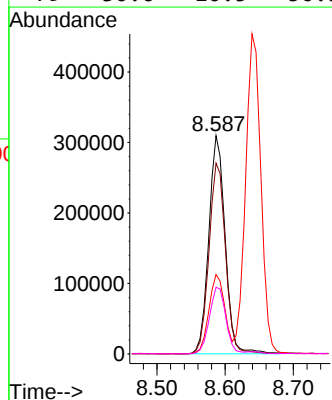
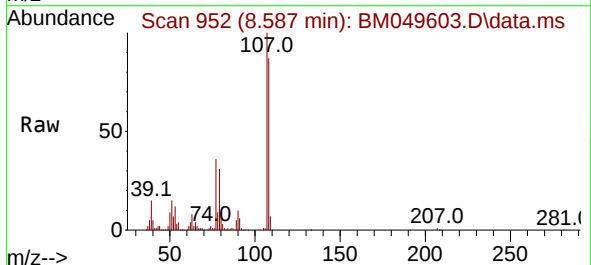
Instrument :  
BNA\_M  
ClientSampleId :  
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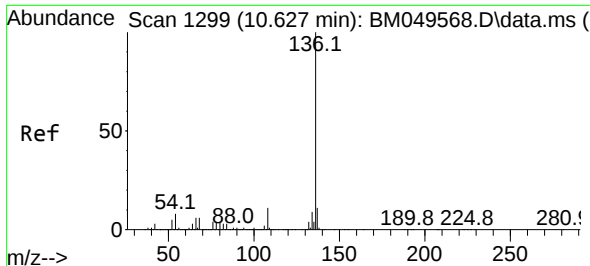
Tgt Ion: 70 Resp: 450106  
Ion Ratio Lower Upper  
70 100  
42 61.6 47.4 71.2  
101 8.6 7.1 10.7  
130 18.3 15.3 22.9



#20  
3+4-Methylphenols  
Concen: 41.584 ng  
RT: 8.587 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion: 107 Resp: 516749  
Ion Ratio Lower Upper  
107 100  
108 87.4 69.6 109.6  
77 36.4 16.0 56.0  
79 30.6 10.5 50.5

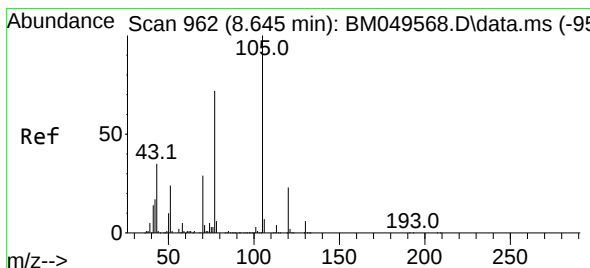
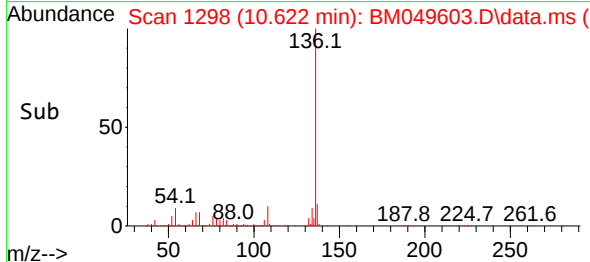
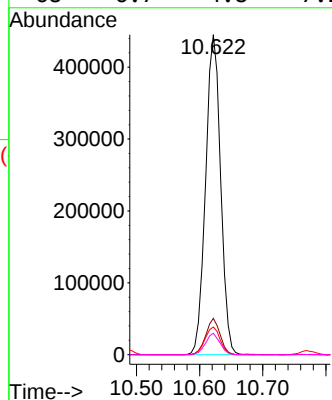
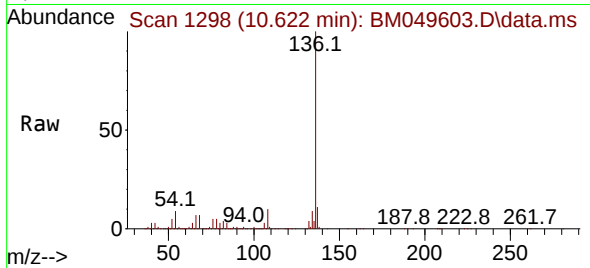




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.622 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

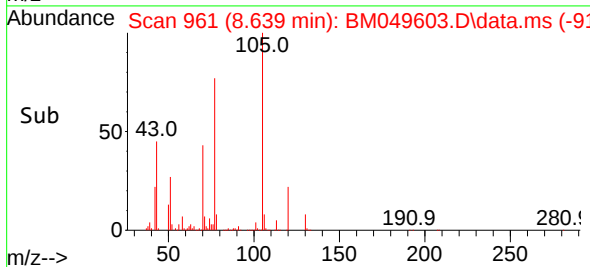
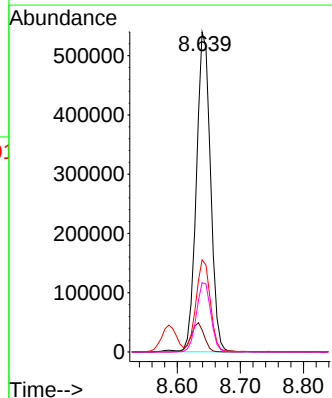
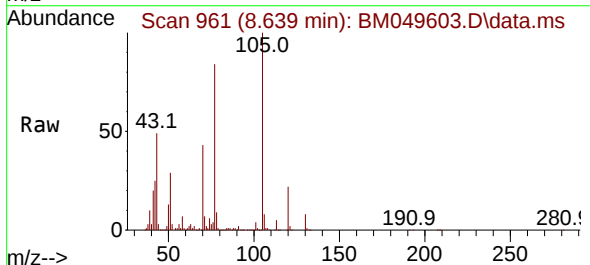
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

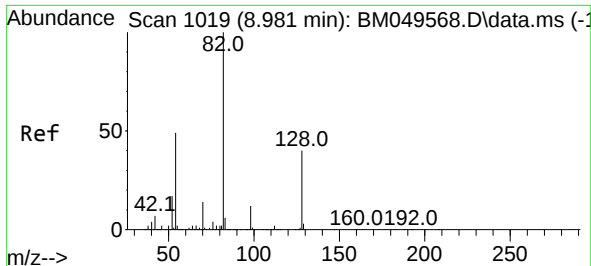
Tgt Ion:136 Resp: 735469  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 13.0  
54 8.6 6.6 10.0  
68 6.7 4.8 7.2



#22  
Acetophenone  
Concen: 42.067 ng  
RT: 8.639 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:105 Resp: 833319  
Ion Ratio Lower Upper  
105 100  
71 6.8 3.5 5.3#  
51 28.8 21.7 32.5  
120 21.6 18.1 27.1

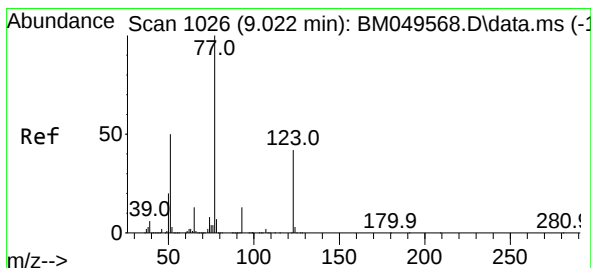
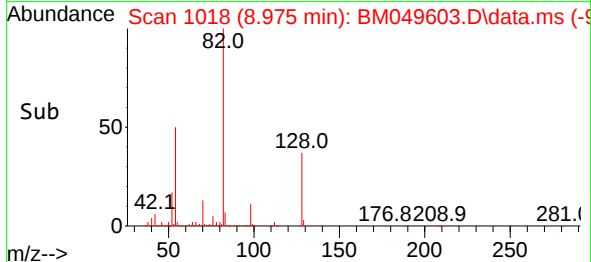
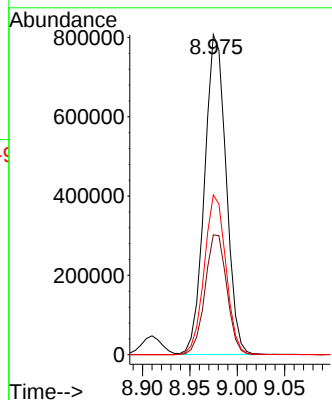
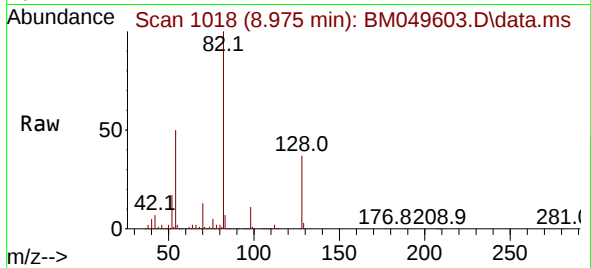




#23  
Nitrobenzene-d5  
Concen: 89.372 ng  
RT: 8.975 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

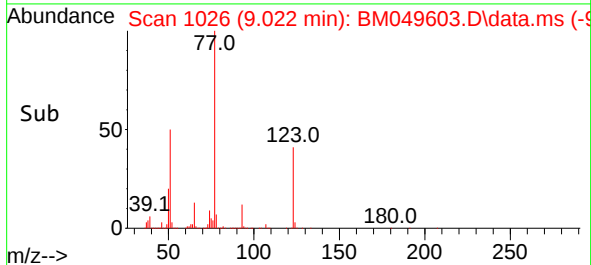
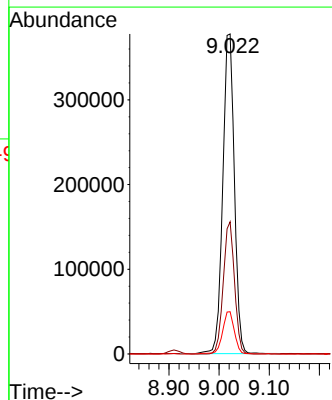
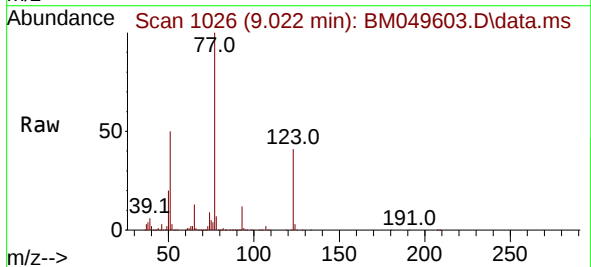
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

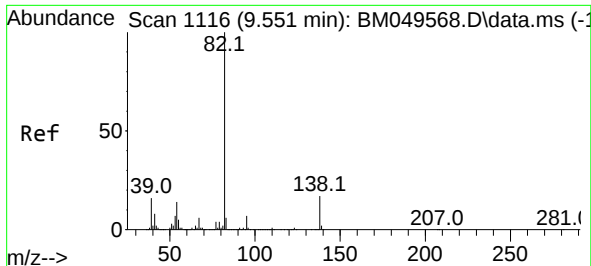
Tgt Ion: 82 Resp: 1277873  
Ion Ratio Lower Upper  
82 100  
128 37.5 31.6 47.4  
54 49.9 39.4 59.0



#24  
Nitrobenzene  
Concen: 43.696 ng  
RT: 9.022 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion: 77 Resp: 607023  
Ion Ratio Lower Upper  
77 100  
123 41.3 33.4 50.2  
65 13.2 10.5 15.7





#25

Isophorone

Concen: 39.925 ng

RT: 9.545 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

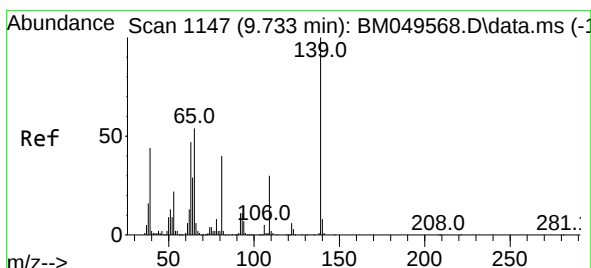
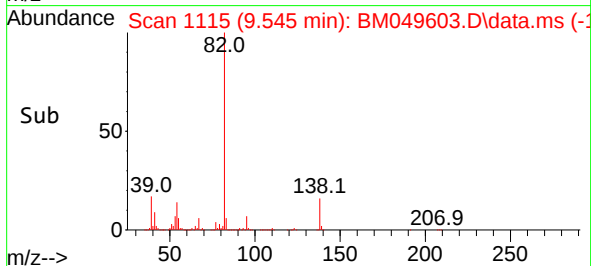
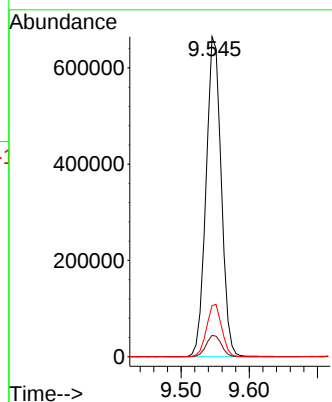
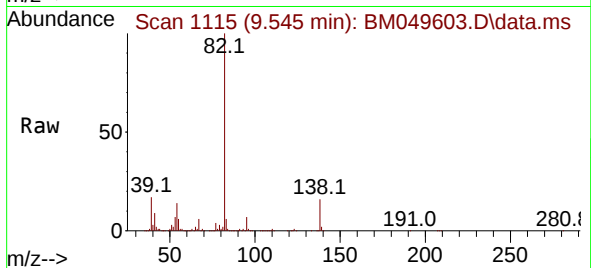
Tgt Ion: 82 Resp: 1029542

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 16.0 13.6 20.4



#26

2-Nitrophenol

Concen: 35.341 ng

RT: 9.733 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

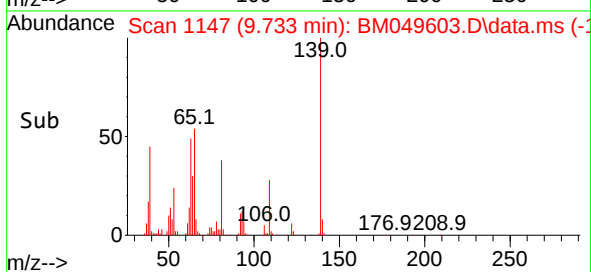
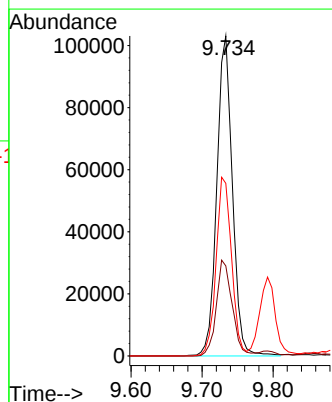
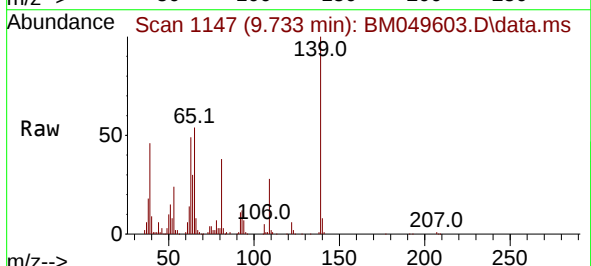
Tgt Ion:139 Resp: 156680

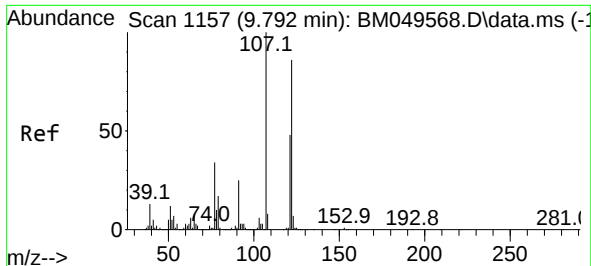
Ion Ratio Lower Upper

139 100

109 28.1 24.2 36.2

65 54.0 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 37.712 ng

RT: 9.792 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

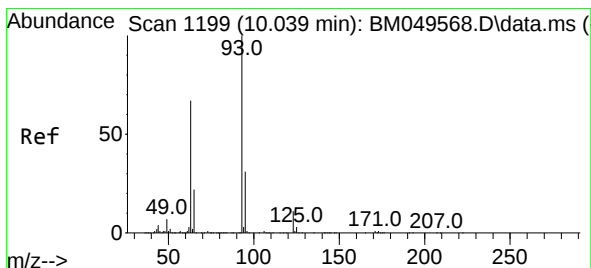
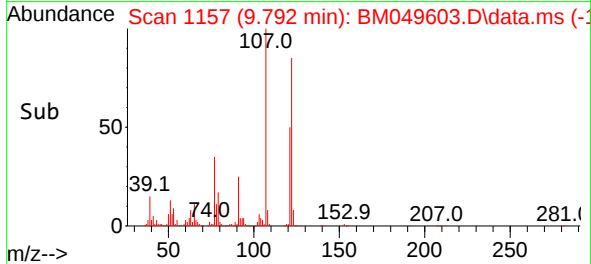
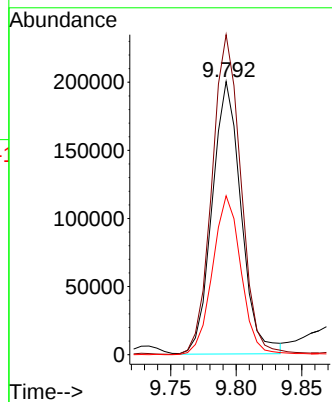
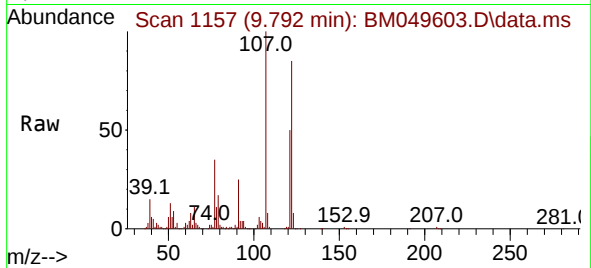
Tgt Ion:122 Resp: 307484

Ion Ratio Lower Upper

122 100

107 117.2 93.2 139.8

121 58.2 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.441 ng

RT: 10.033 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

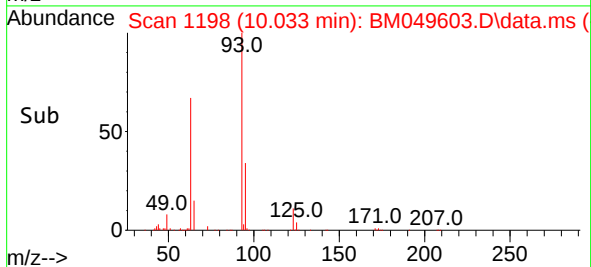
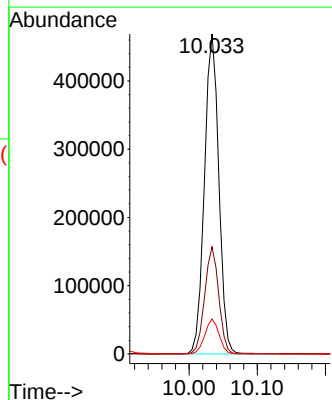
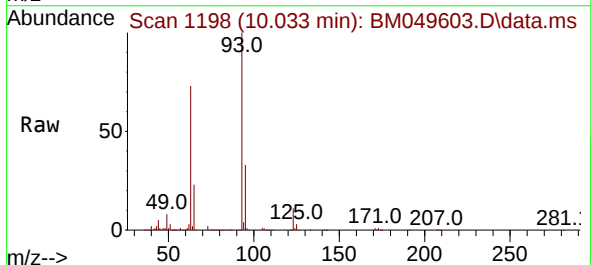
Tgt Ion: 93 Resp: 688260

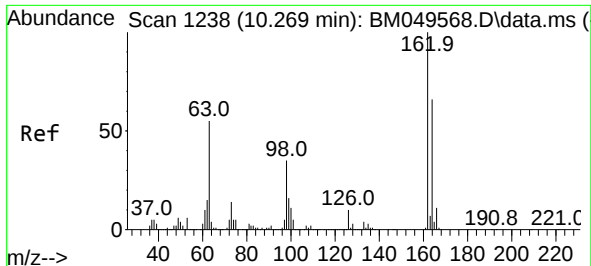
Ion Ratio Lower Upper

93 100

95 33.5 25.2 37.8

123 11.0 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 41.043 ng

RT: 10.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

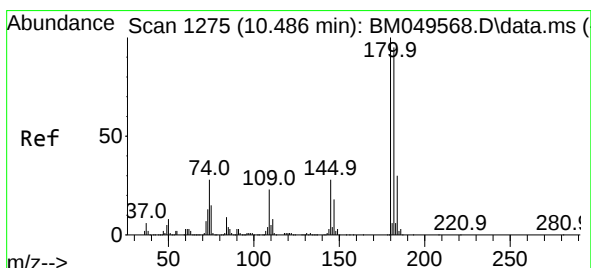
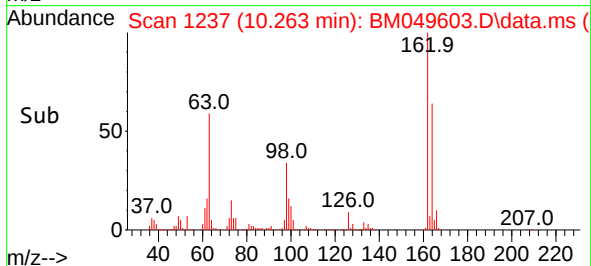
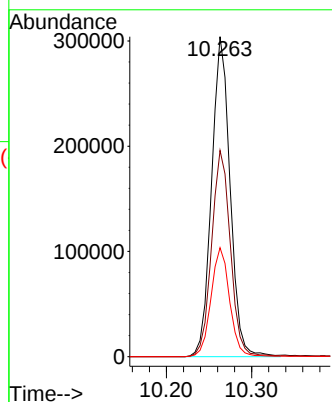
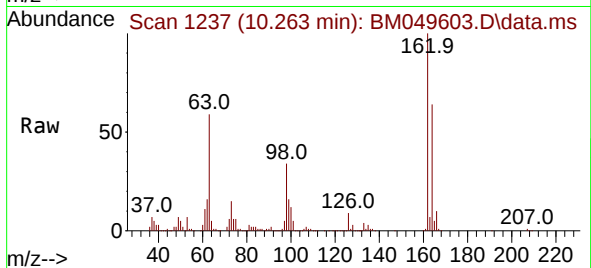
Tgt Ion:162 Resp: 460863

Ion Ratio Lower Upper

162 100

164 64.4 46.0 86.0

98 34.1 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 40.824 ng

RT: 10.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

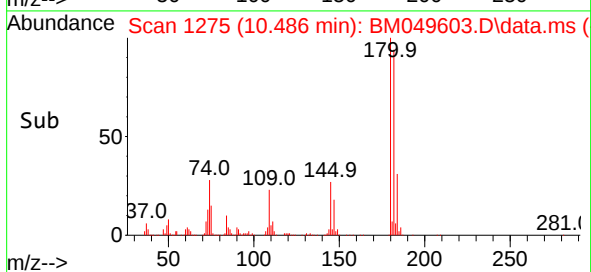
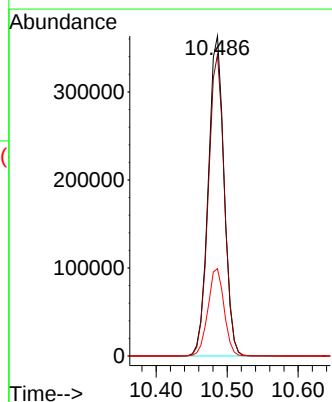
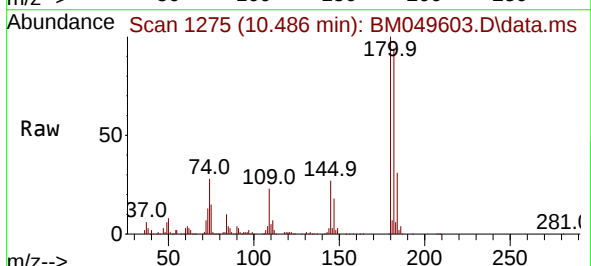
Tgt Ion:180 Resp: 561616

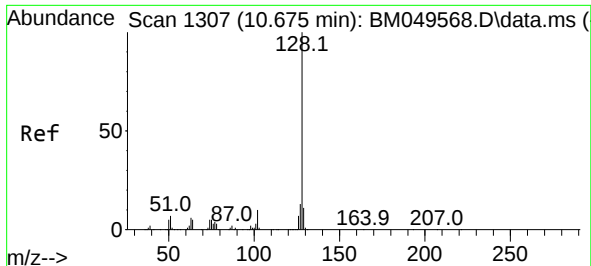
Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

145 27.3 22.5 33.7

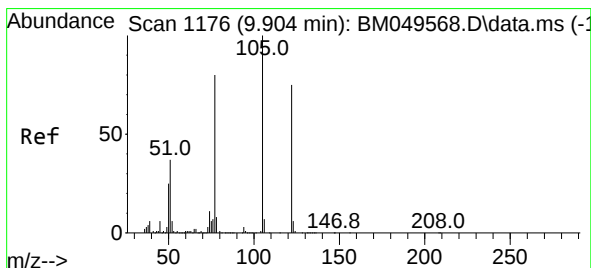
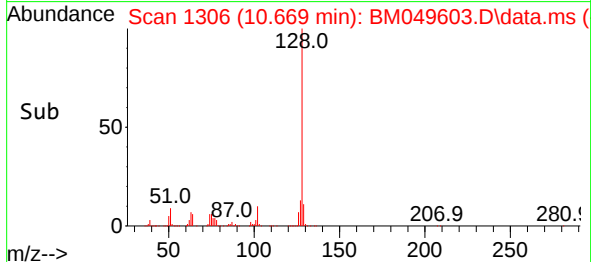
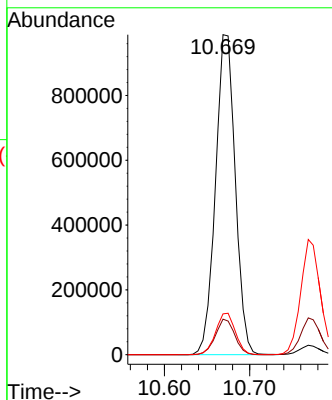
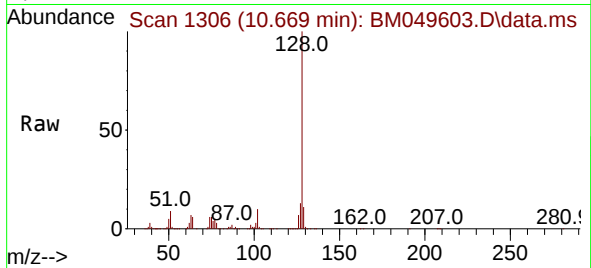




#31  
Naphthalene  
Concen: 41.064 ng  
RT: 10.669 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

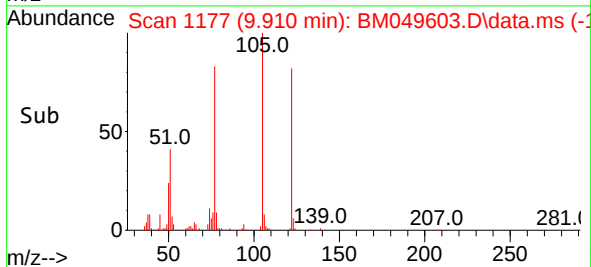
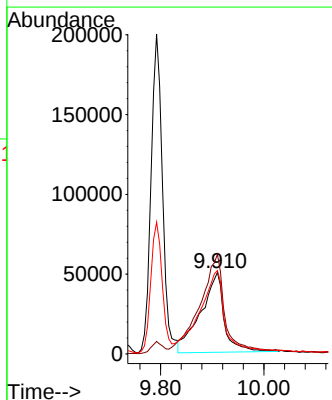
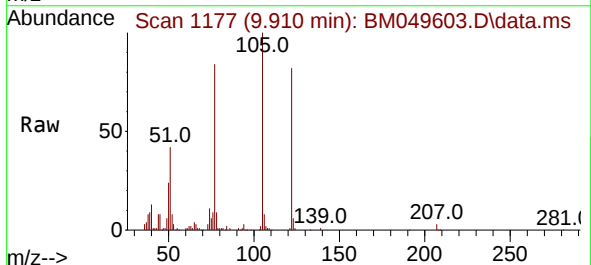
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

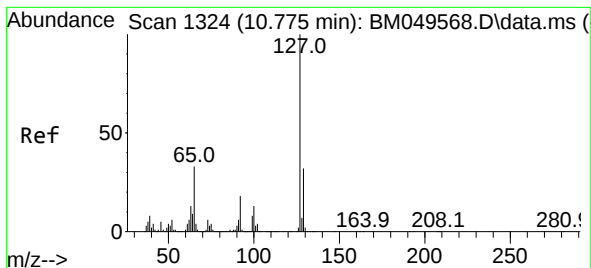
Tgt Ion:128 Resp: 1592814  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.4  
127 12.7 10.6 15.8



#32  
Benzoic acid  
Concen: 35.754 ng  
RT: 9.910 min Scan# 1177  
Delta R.T. 0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:122 Resp: 157788  
Ion Ratio Lower Upper  
122 100  
105 122.2 103.6 143.6  
77 102.2 82.4 122.4

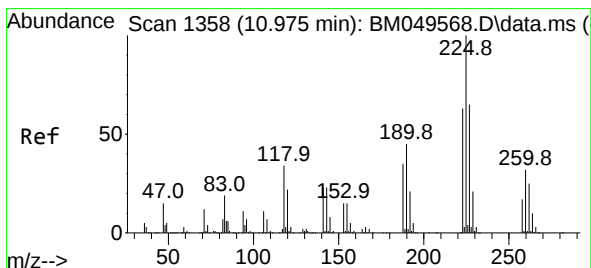
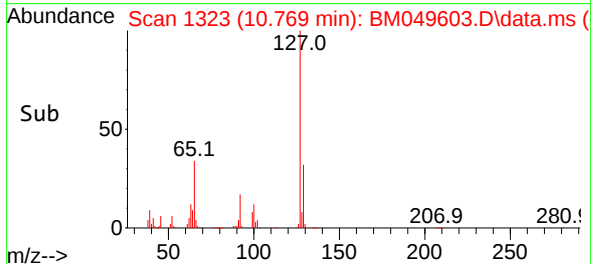
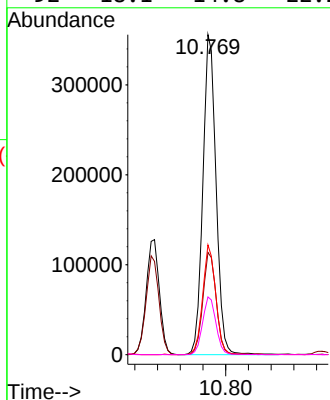
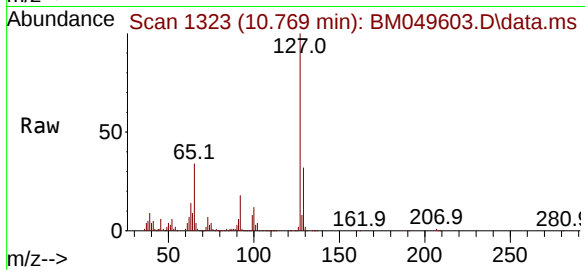




#33  
4-Chloroaniline  
Concen: 39.376 ng  
RT: 10.769 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

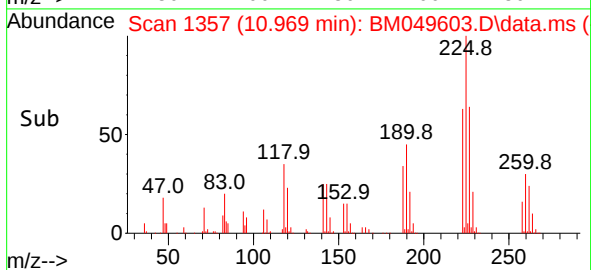
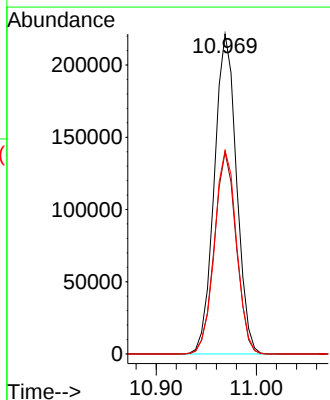
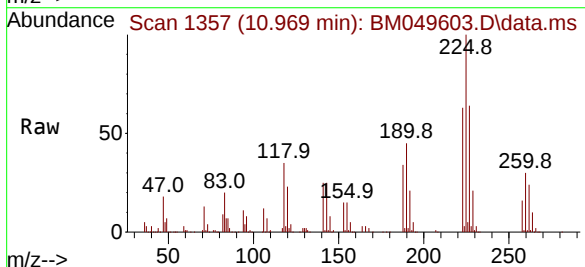
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BNA\_M  
ClientSampleId :  
SSTDCCC040EC

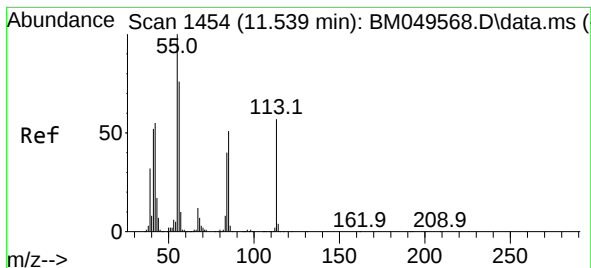
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 571689 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 25.8  | 38.8   |
| 65       | 34.3  | 26.4  | 39.6   |
| 92       | 18.1  | 14.8  | 22.2   |



#34  
Hexachlorobutadiene  
Concen: 41.350 ng  
RT: 10.969 min Scan# 1357  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 340647 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 50.6  | 75.8   |
| 227      | 63.6  | 51.8  | 77.6   |

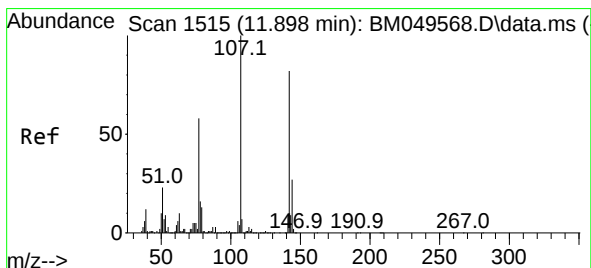
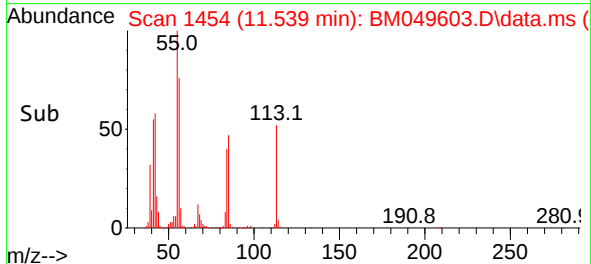
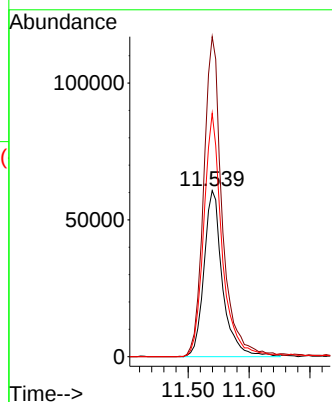
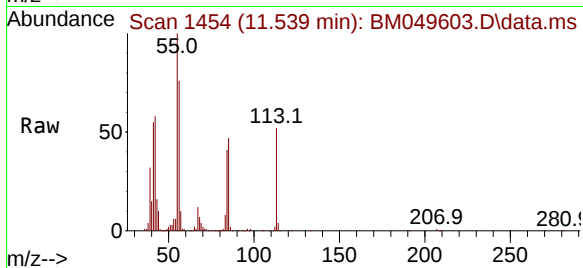




#35  
 Caprolactam  
 Concen: 37.534 ng  
 RT: 11.539 min Scan# 1454  
 Delta R.T. 0.000 min  
 Lab File: BM049603.D  
 Acq: 07 Feb 2025 15:43

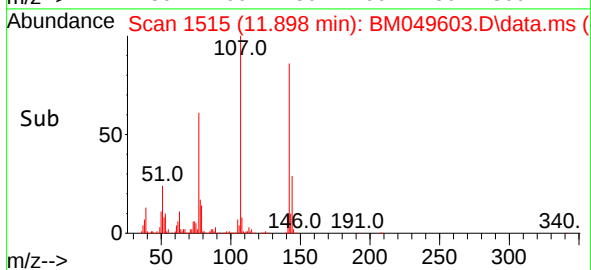
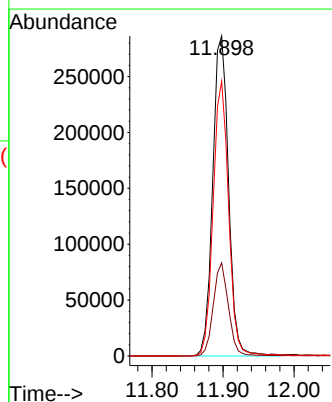
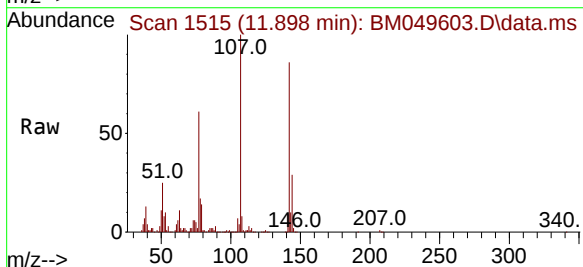
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 ClientSampleId :  
 SSTDCCC040EC

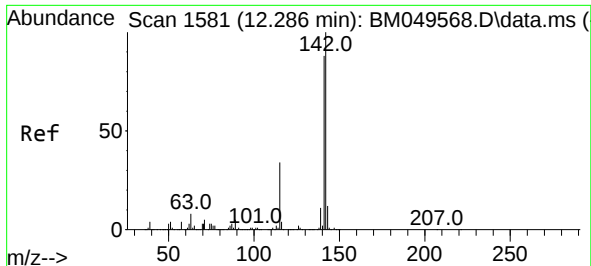
Tgt Ion:113 Resp: 128576  
 Ion Ratio Lower Upper  
 113 100  
 55 192.7 157.5 197.5  
 56 146.6 114.6 154.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.595 ng  
 RT: 11.898 min Scan# 1515  
 Delta R.T. 0.000 min  
 Lab File: BM049603.D  
 Acq: 07 Feb 2025 15:43

Tgt Ion:107 Resp: 443383  
 Ion Ratio Lower Upper  
 107 100  
 144 29.1 21.2 31.8  
 142 85.9 65.4 98.2

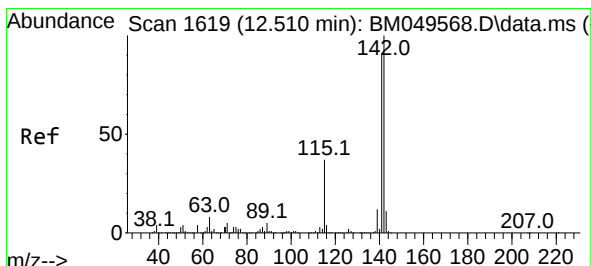
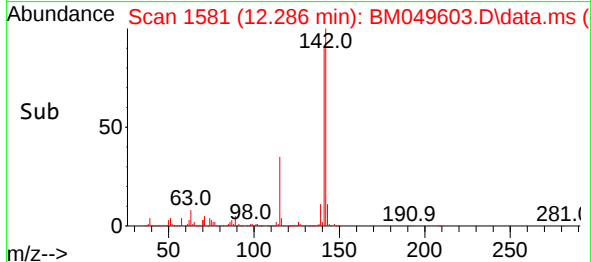
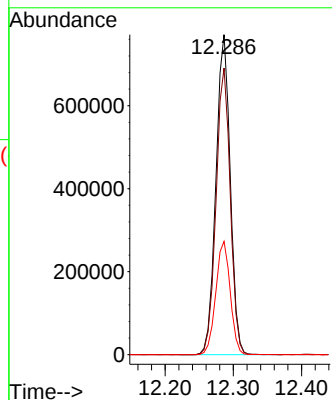
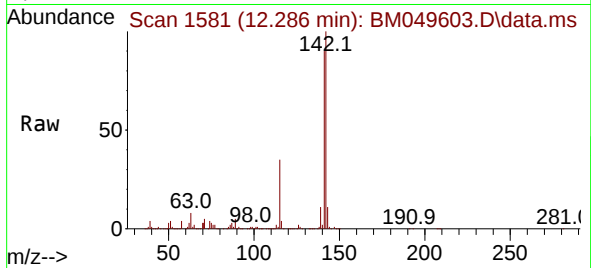




#37  
2-Methylnaphthalene  
Concen: 41.259 ng  
RT: 12.286 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

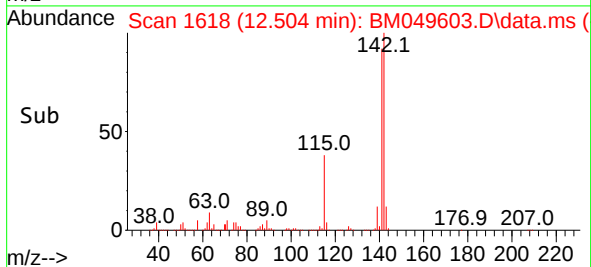
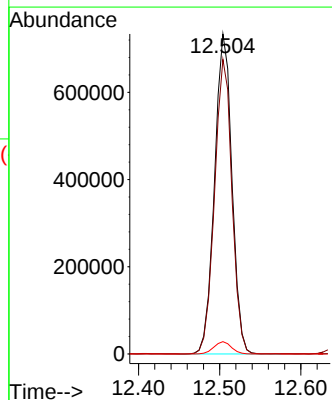
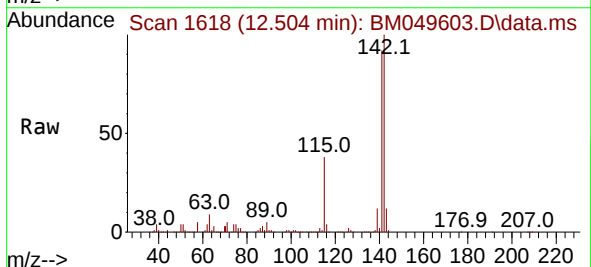
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

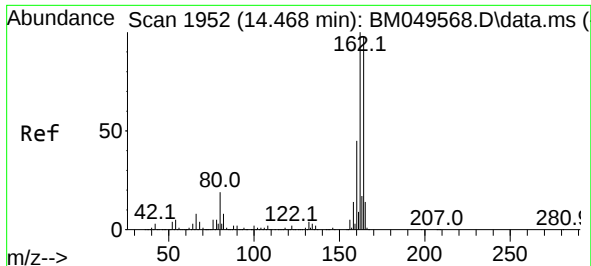
Tgt Ion:142 Resp: 1126789  
Ion Ratio Lower Upper  
142 100  
141 89.5 70.2 105.4  
115 35.4 27.5 41.3



#38  
1-Methylnaphthalene  
Concen: 41.117 ng  
RT: 12.504 min Scan# 1618  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:142 Resp: 1092548  
Ion Ratio Lower Upper  
142 100  
141 92.0 73.1 109.7  
116 3.9 3.1 4.7

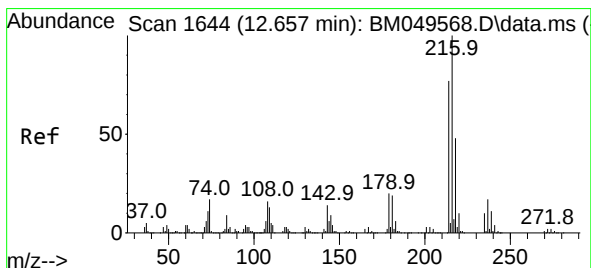
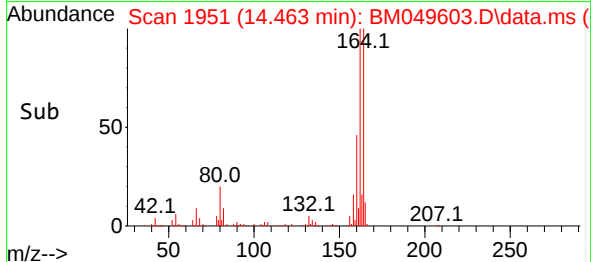
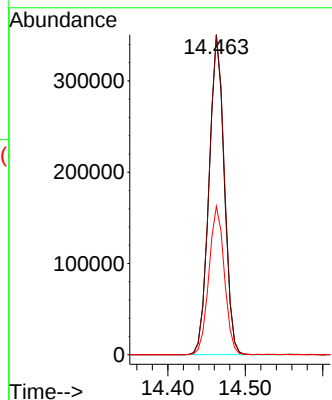
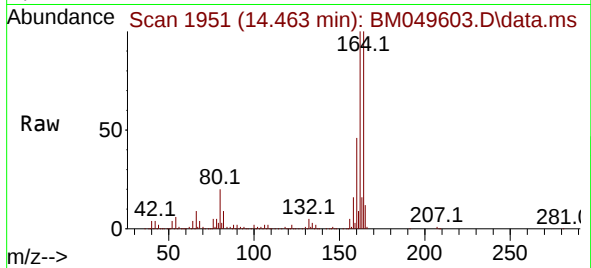




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.463 min Scan# 1951  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

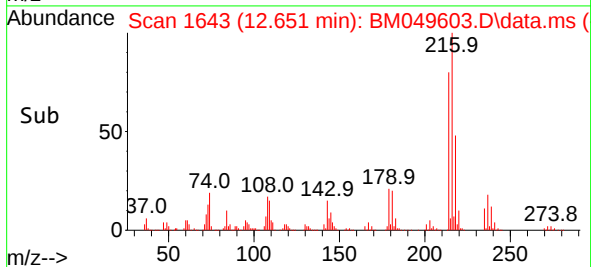
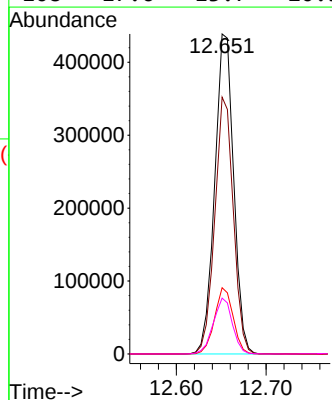
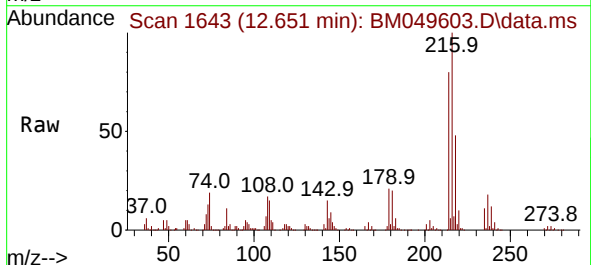
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

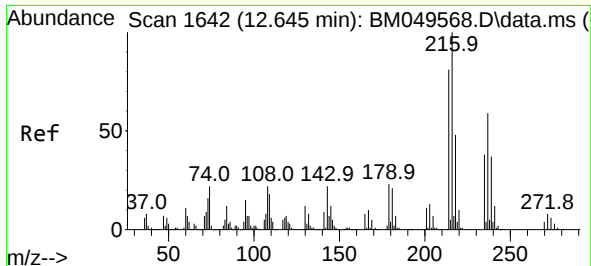
Tgt Ion:164 Resp: 476309  
Ion Ratio Lower Upper  
164 100  
162 99.9 81.4 122.0  
160 46.4 36.2 54.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.067 ng  
RT: 12.651 min Scan# 1643  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:216 Resp: 643127  
Ion Ratio Lower Upper  
216 100  
214 78.4 62.4 93.6  
179 20.2 16.3 24.5  
108 17.6 13.7 20.5

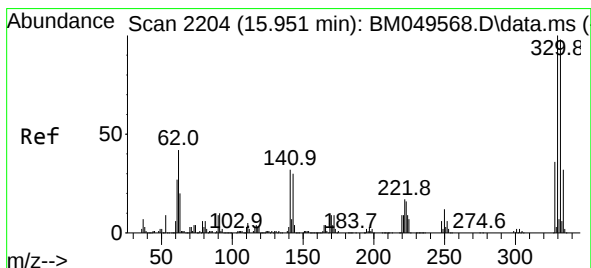
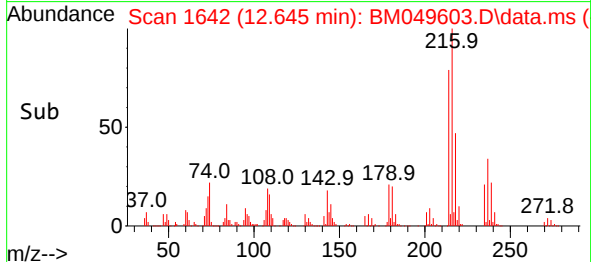
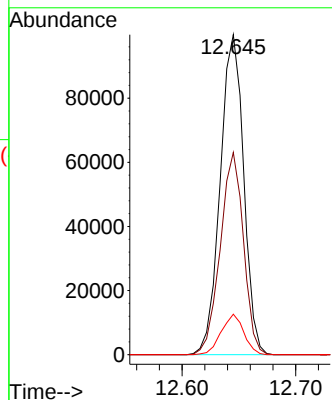
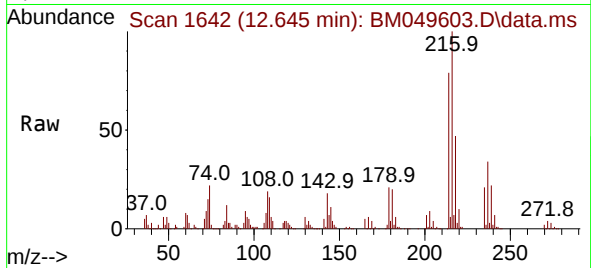




#41  
Hexachlorocyclopentadiene  
Concen: 35.827 ng  
RT: 12.645 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

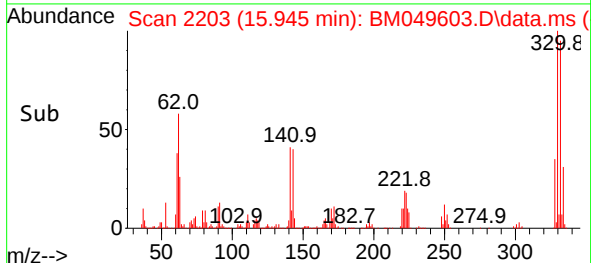
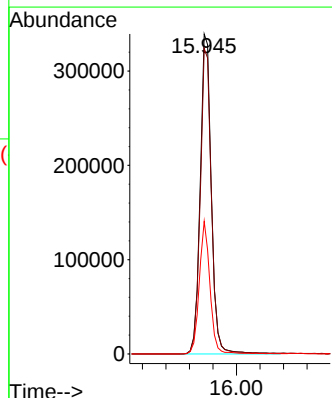
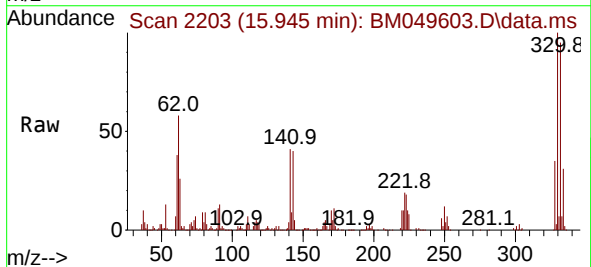
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

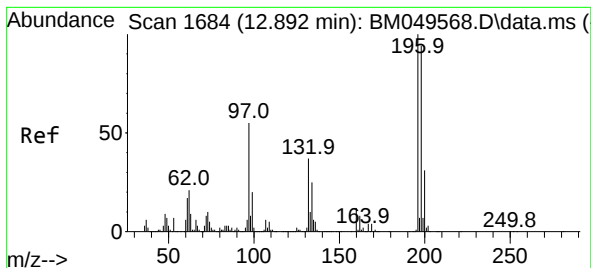
Tgt Ion:237 Resp: 143229  
Ion Ratio Lower Upper  
237 100  
235 63.2 43.8 83.8  
272 12.7 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 79.040 ng  
RT: 15.945 min Scan# 2203  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:330 Resp: 446090  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.3 115.9  
141 40.0 28.2 42.2

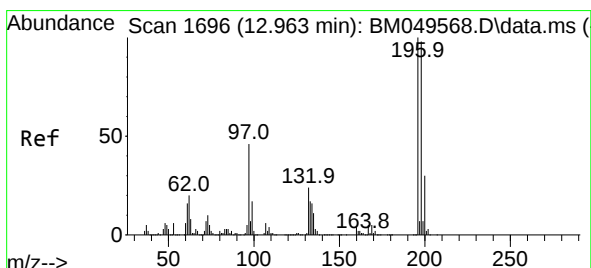
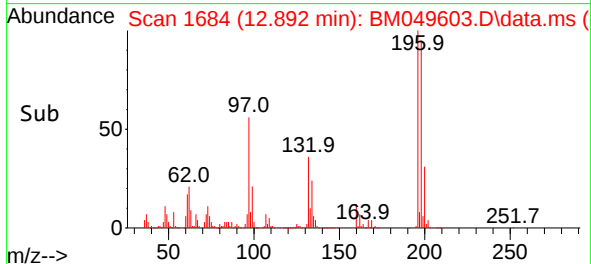
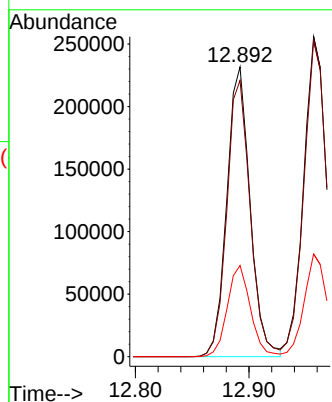
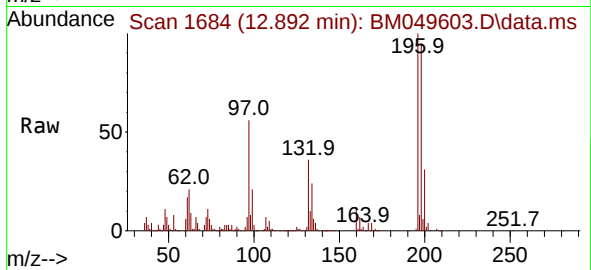




#43  
2,4,6-Trichlorophenol  
Concen: 38.574 ng  
RT: 12.892 min Scan# 1684  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

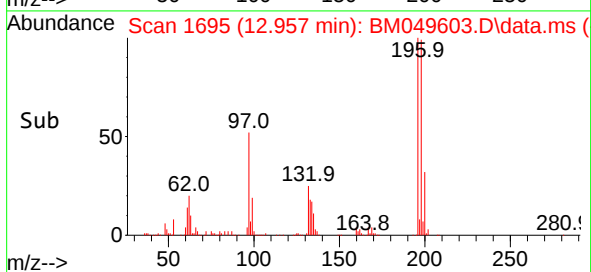
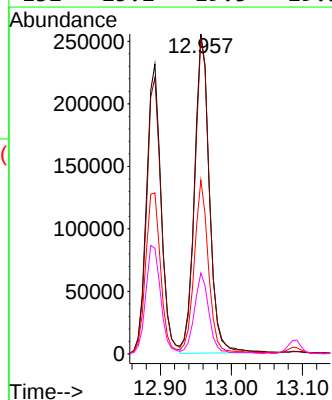
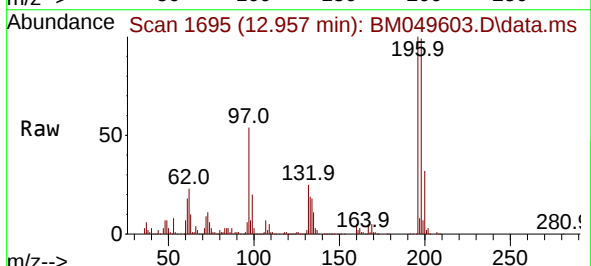
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

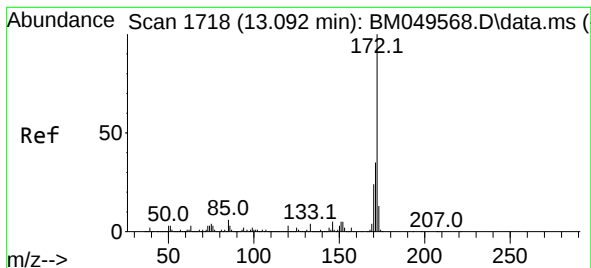
Tgt Ion:196 Resp: 329641  
Ion Ratio Lower Upper  
196 100  
198 95.4 75.4 113.0  
200 31.5 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 39.785 ng  
RT: 12.957 min Scan# 1695  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:196 Resp: 373626  
Ion Ratio Lower Upper  
196 100  
198 98.8 78.4 117.6  
97 54.3 37.4 56.0  
132 25.2 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 86.923 ng

RT: 13.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

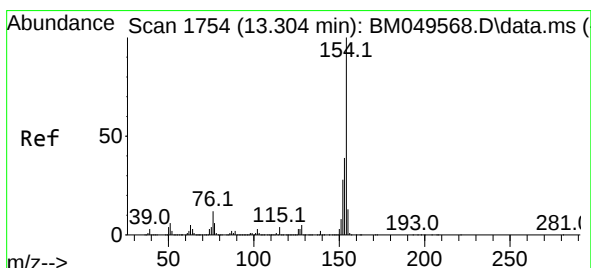
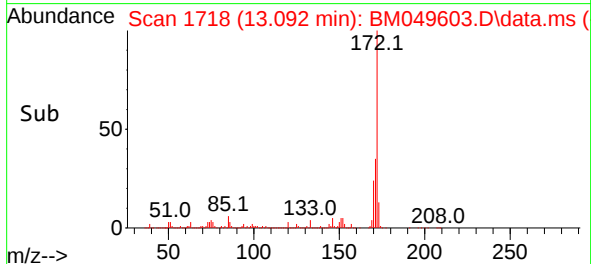
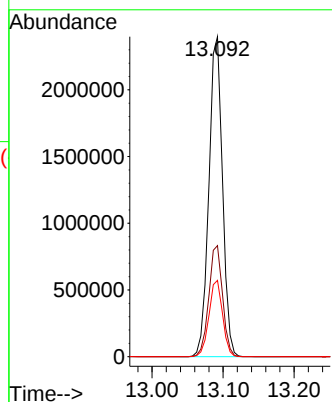
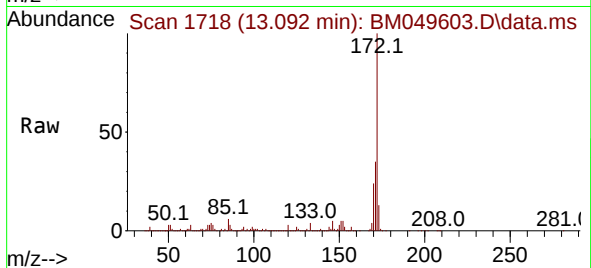
Tgt Ion:172 Resp: 3195951

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.219 ng

RT: 13.298 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

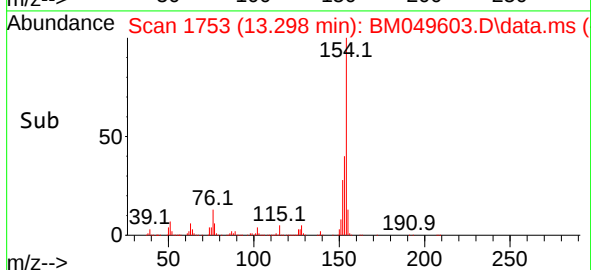
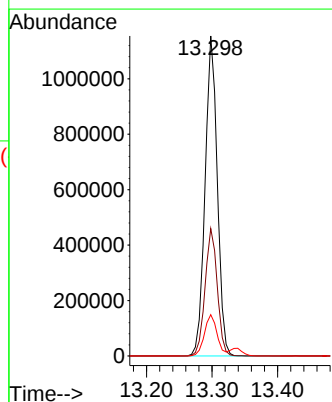
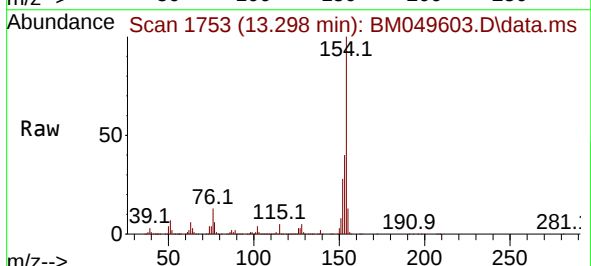
Tgt Ion:154 Resp: 1497729

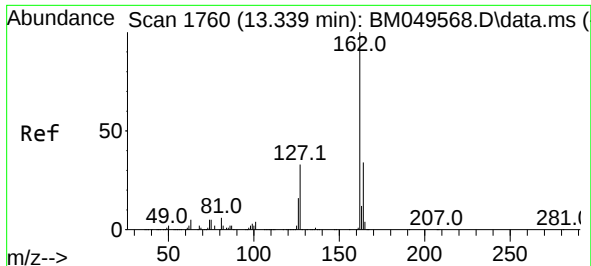
Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

76 12.9 0.0 32.1

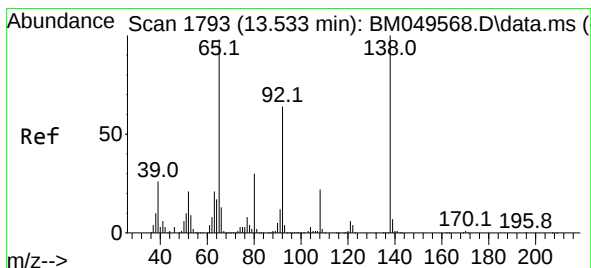
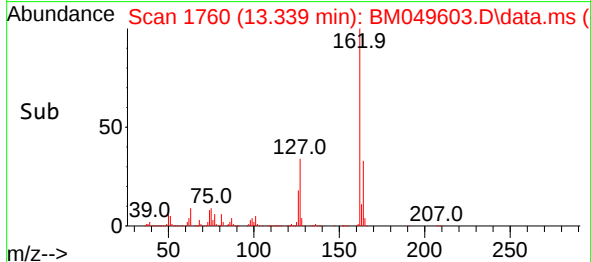
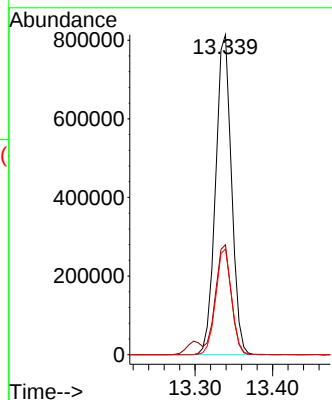
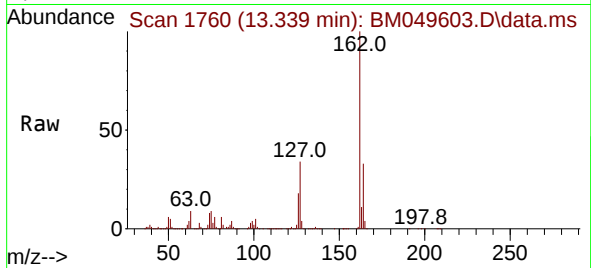




#47  
2-Chloronaphthalene  
Concen: 41.259 ng  
RT: 13.339 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

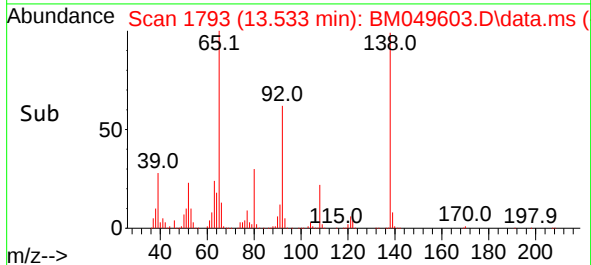
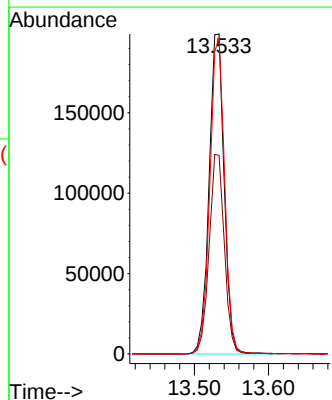
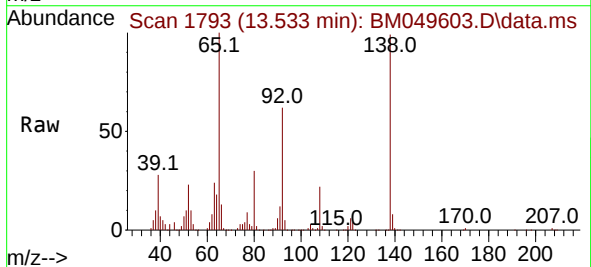
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

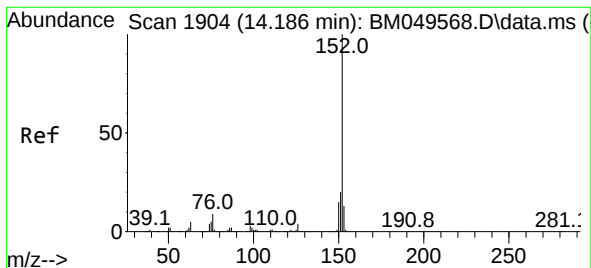
Tgt Ion:162 Resp: 1159896  
Ion Ratio Lower Upper  
162 100  
127 34.3 27.9 41.9  
164 33.1 26.8 40.2



#48  
2-Nitroaniline  
Concen: 38.847 ng  
RT: 13.533 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion: 65 Resp: 281559  
Ion Ratio Lower Upper  
65 100  
92 62.0 52.0 78.0  
138 98.9 81.6 122.4





#49

Acenaphthylene

Concen: 41.065 ng

RT: 14.186 min Scan# 1904

Delta R.T. 0.000 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

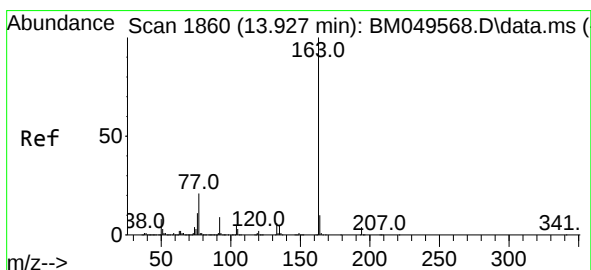
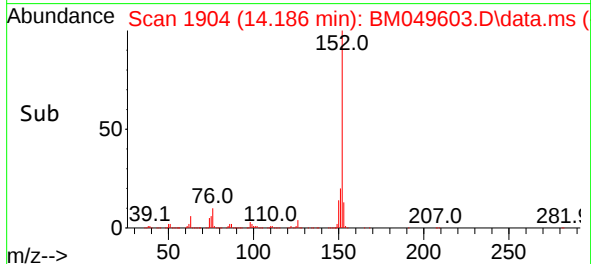
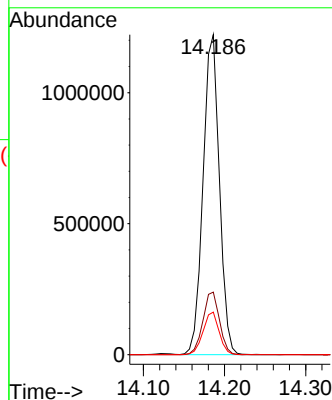
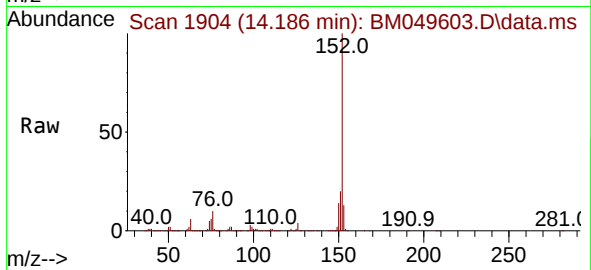
Tgt Ion:152 Resp: 1702324

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 39.950 ng

RT: 13.921 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

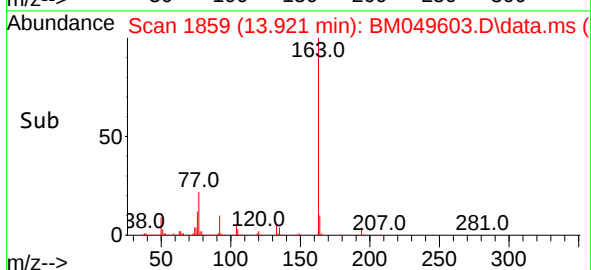
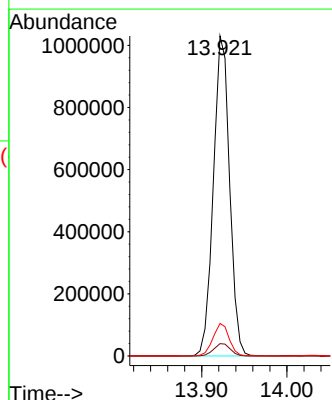
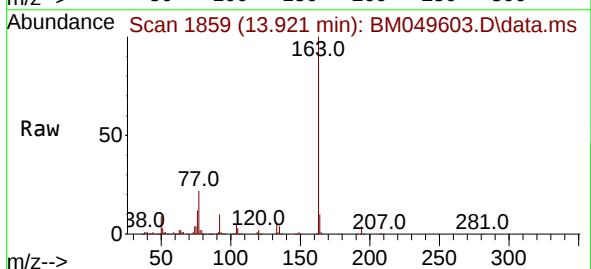
Tgt Ion:163 Resp: 1366535

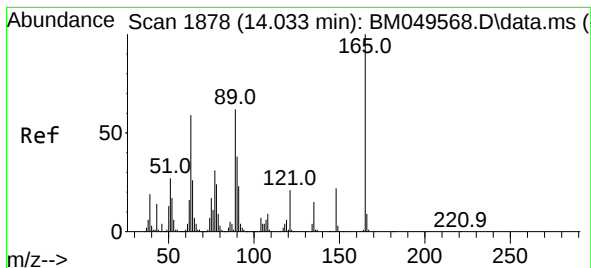
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.2 8.1 12.1

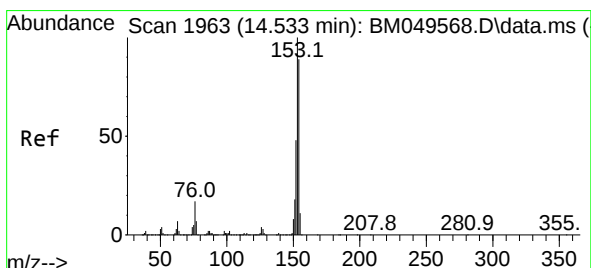
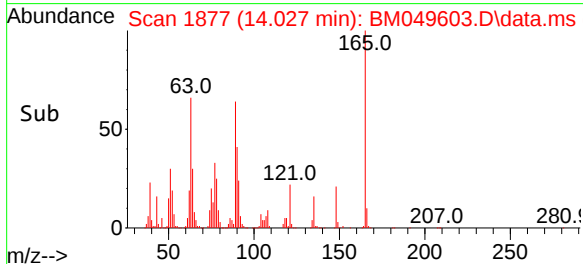
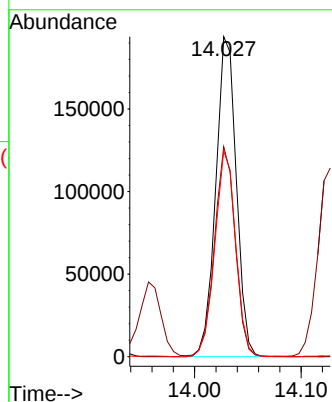
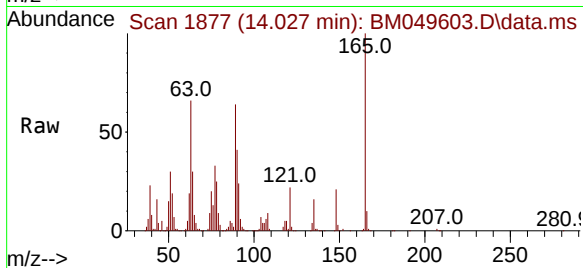




#51  
2,6-Dinitrotoluene  
Concen: 43.711 ng  
RT: 14.027 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

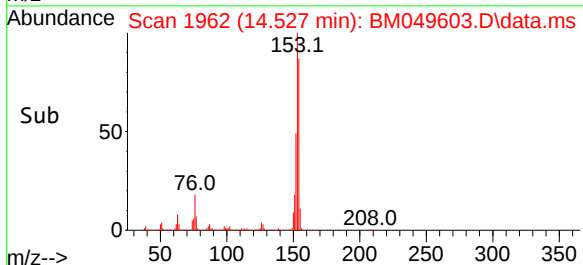
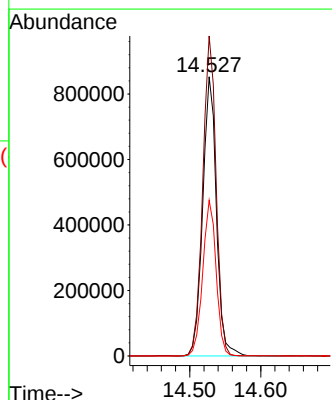
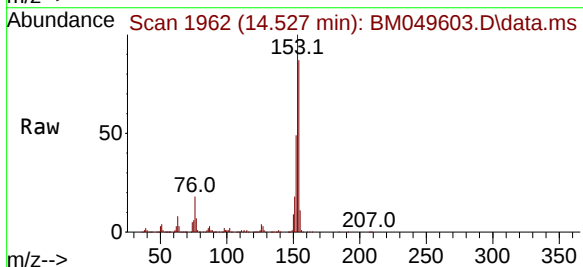
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

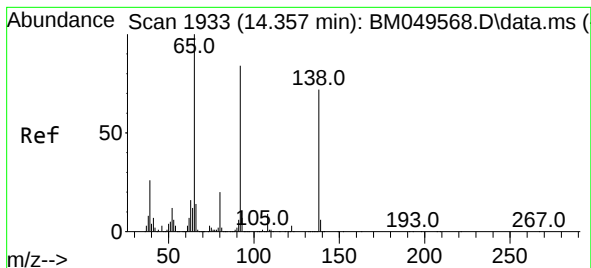
Tgt Ion:165 Resp: 258723  
Ion Ratio Lower Upper  
165 100  
63 65.6 47.8 71.6  
89 64.3 49.2 73.8



#52  
Acenaphthene  
Concen: 41.669 ng  
RT: 14.527 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:154 Resp: 1146562  
Ion Ratio Lower Upper  
154 100  
153 114.6 90.0 135.0  
152 55.7 43.0 64.4

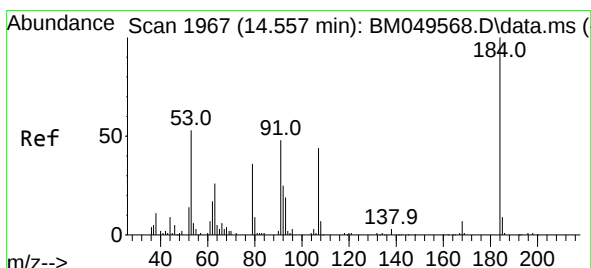
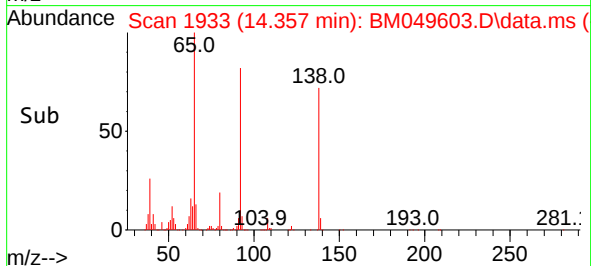
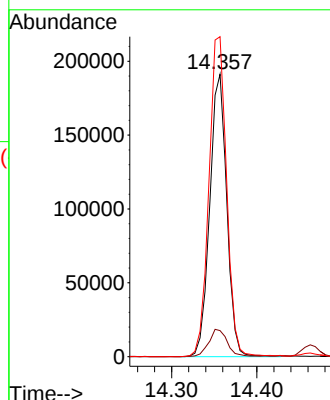
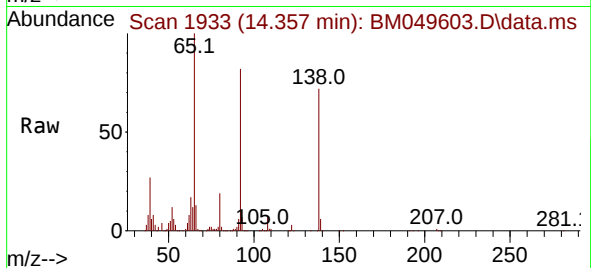




#53  
3-Nitroaniline  
Concen: 44.077 ng  
RT: 14.357 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

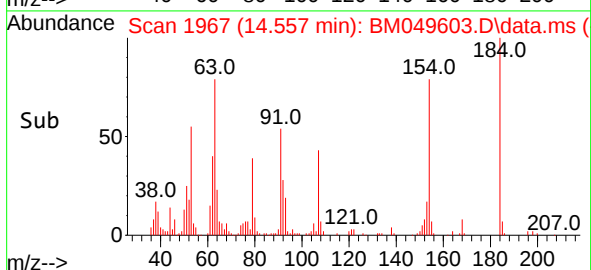
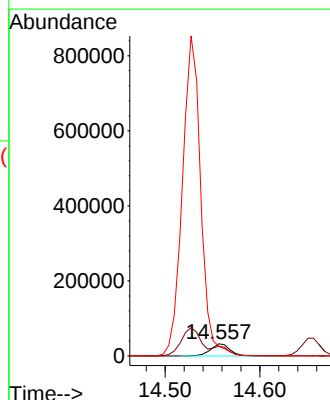
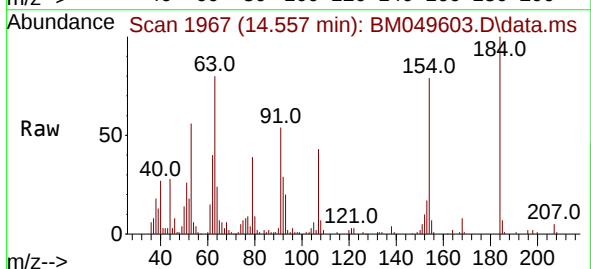
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

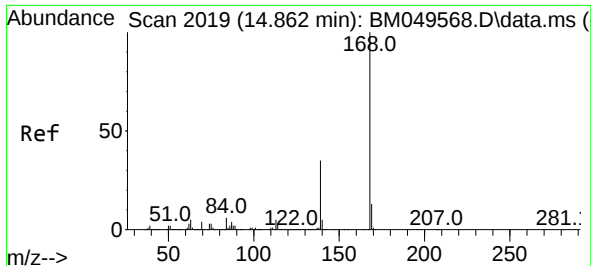
Tgt Ion:138 Resp: 265617  
Ion Ratio Lower Upper  
138 100  
108 9.2 10.3 15.5#  
92 113.3 93.6 140.4



#54  
2,4-Dinitrophenol  
Concen: 35.883 ng  
RT: 14.557 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:184 Resp: 46156  
Ion Ratio Lower Upper  
184 100  
63 80.0 60.2 90.4  
154 78.8 78.2 117.4

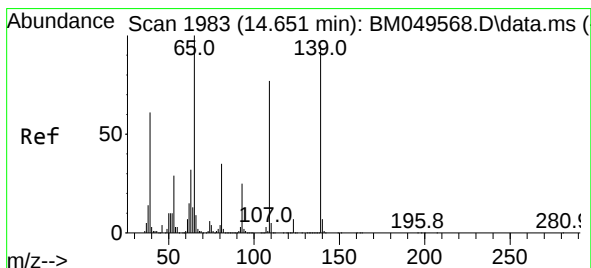
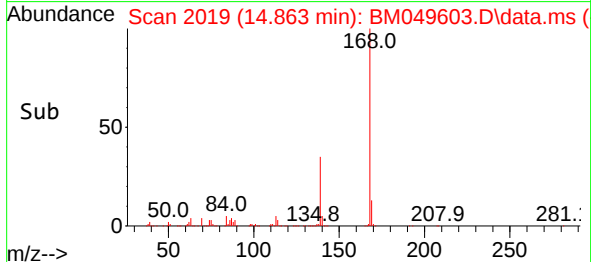
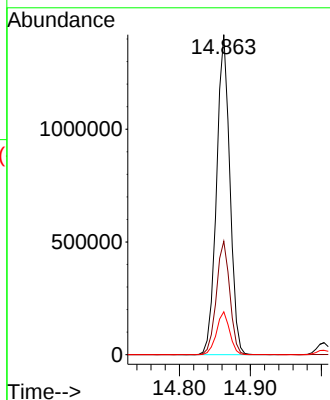
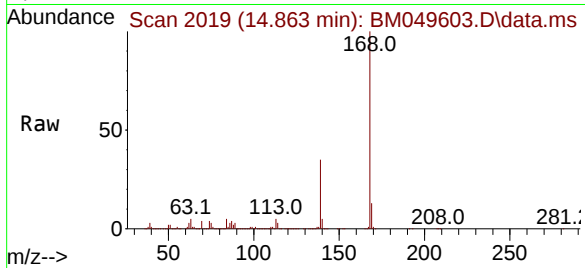




#55  
Dibenzofuran  
Concen: 42.046 ng  
RT: 14.863 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

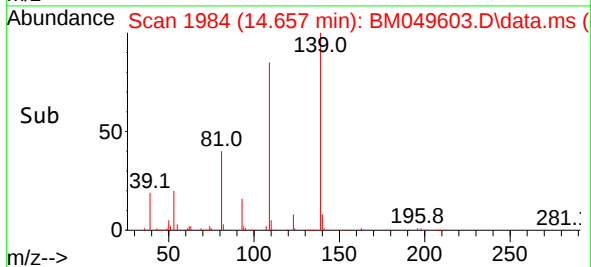
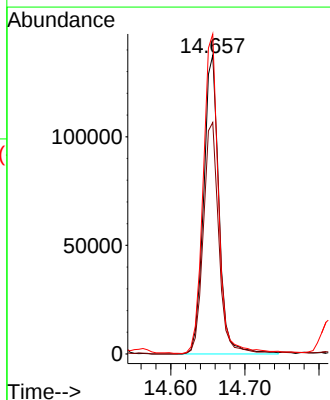
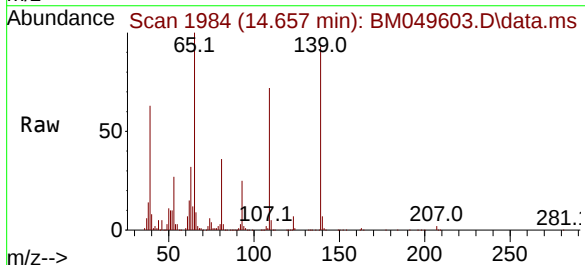
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

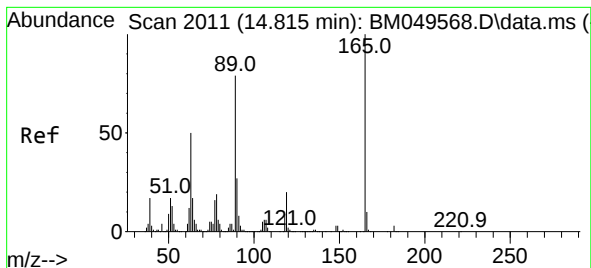
Tgt Ion:168 Resp: 1842163  
Ion Ratio Lower Upper  
168 100  
139 35.5 28.4 42.6  
169 13.4 10.8 16.2



#56  
4-Nitrophenol  
Concen: 38.951 ng  
RT: 14.657 min Scan# 1984  
Delta R.T. 0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:139 Resp: 197868  
Ion Ratio Lower Upper  
139 100  
109 77.5 61.4 101.4  
65 107.1 85.6 125.6



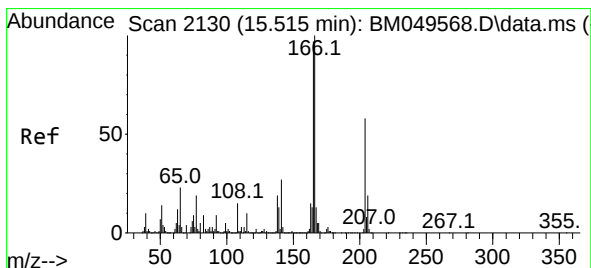
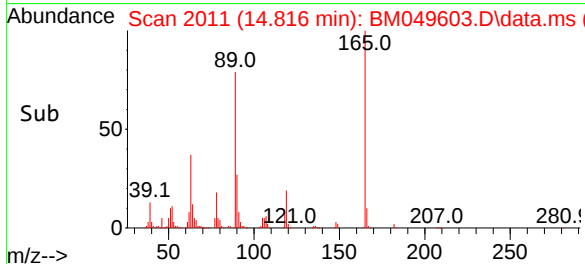
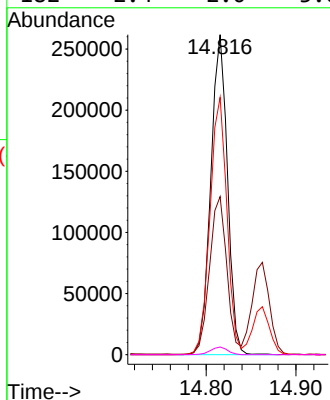
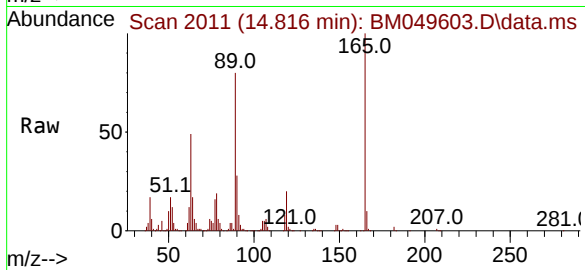


#57  
2,4-Dinitrotoluene  
Concen: 42.109 ng  
RT: 14.816 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:165 Resp: 337426

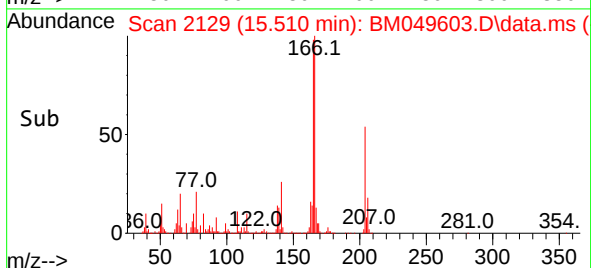
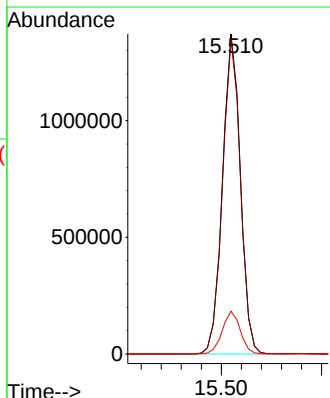
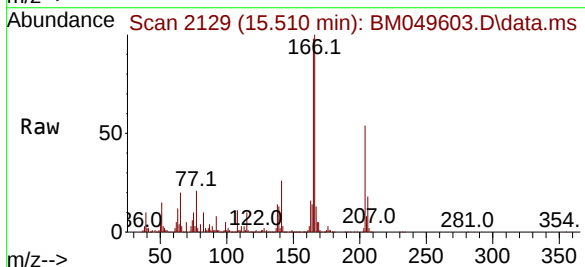
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 49.4  | 39.8  | 59.6  |
| 89  | 80.4  | 63.5  | 95.3  |
| 182 | 2.4   | 2.0   | 3.0   |

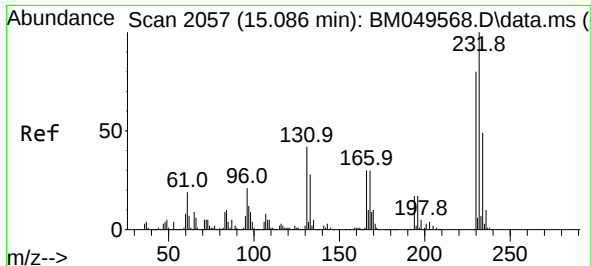


#58  
Fluorene  
Concen: 45.275 ng  
RT: 15.510 min Scan# 2129  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:166 Resp: 1696934

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.4  | 77.7  | 116.5 |
| 167 | 13.4  | 10.7  | 16.1  |

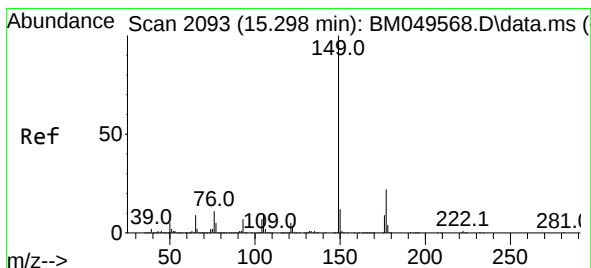
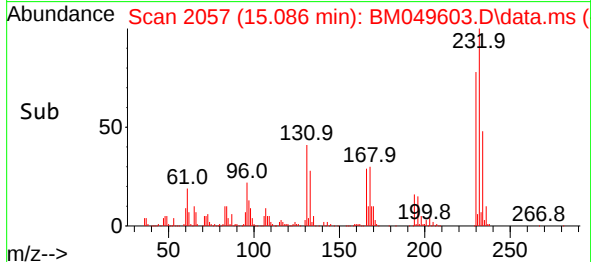
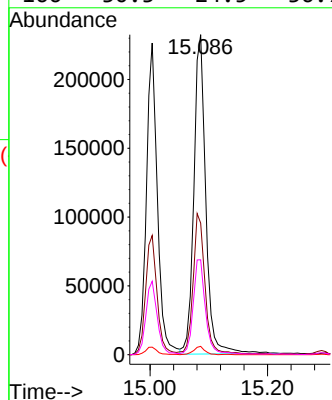
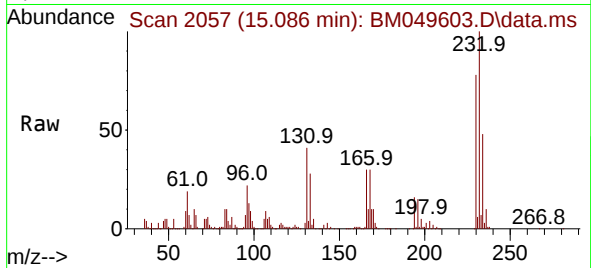




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.362 ng  
RT: 15.086 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

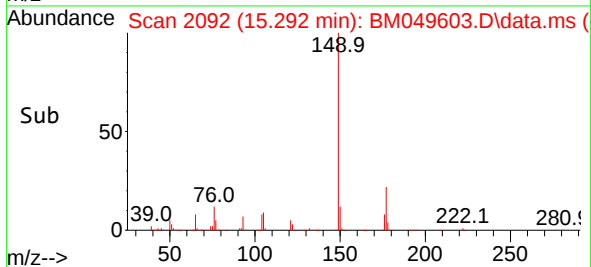
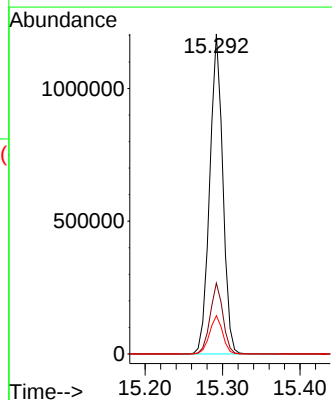
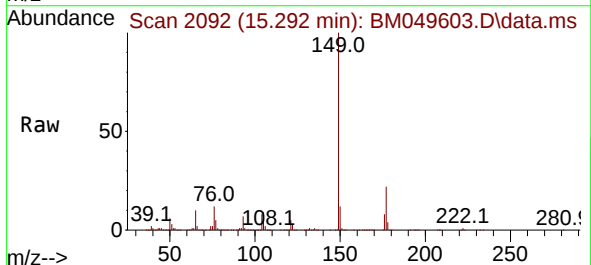
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

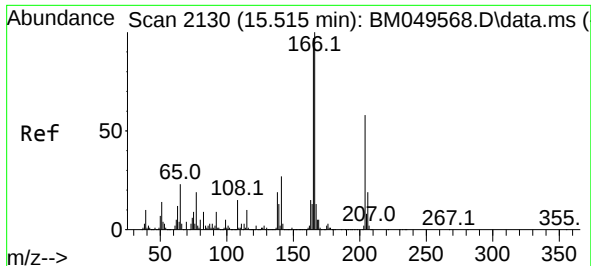
Tgt Ion:232 Resp: 328177  
Ion Ratio Lower Upper  
232 100  
131 43.4 34.5 51.7  
130 2.4 1.9 2.9  
166 30.3 24.5 36.7



#60  
Diethylphthalate  
Concen: 41.025 ng  
RT: 15.292 min Scan# 2092  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:149 Resp: 1410288  
Ion Ratio Lower Upper  
149 100  
177 22.1 18.0 27.0  
150 11.9 9.7 14.5

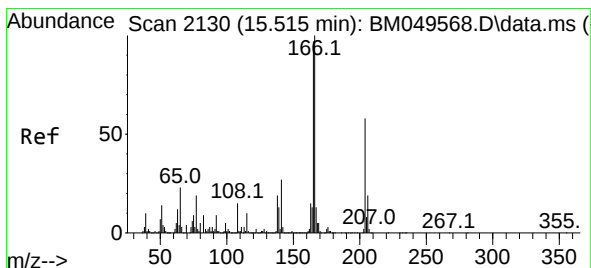
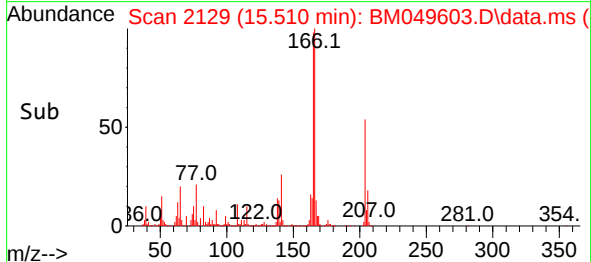
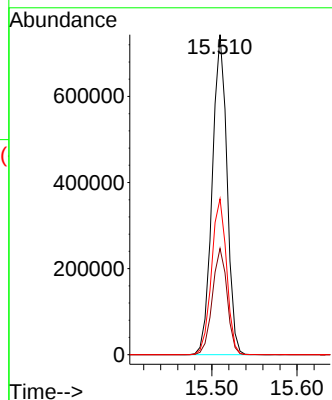
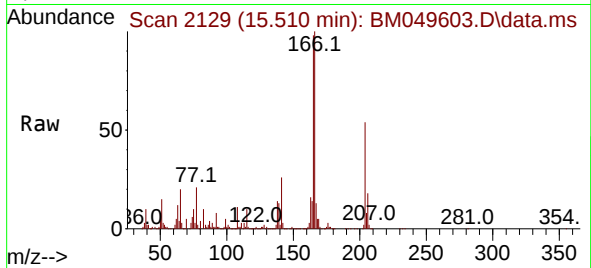




#61  
4-Chlorophenyl-phenylether  
Concen: 44.974 ng  
RT: 15.510 min Scan# 2130  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

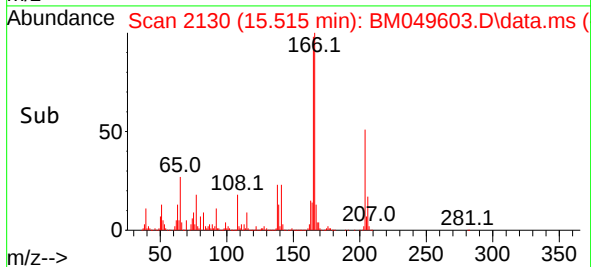
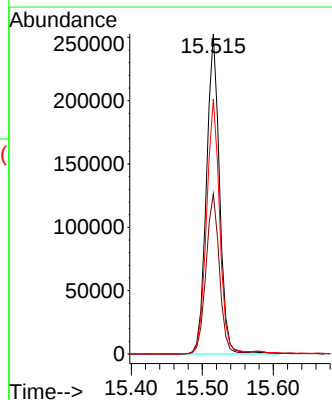
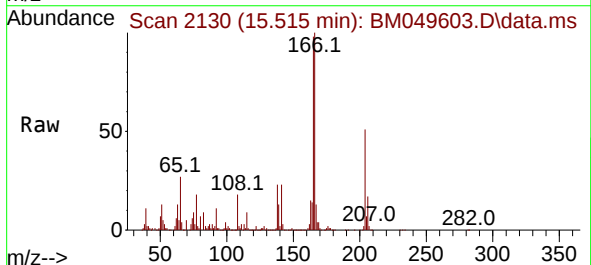
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

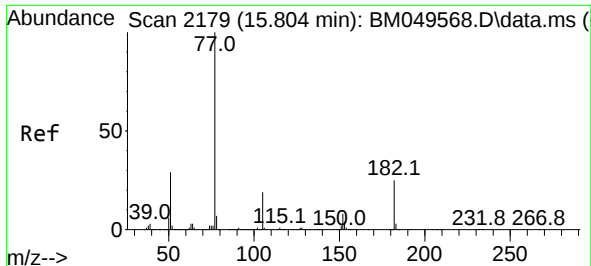
Tgt Ion:204 Resp: 897185  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.0 39.0  
141 48.7 37.1 55.7



#62  
4-Nitroaniline  
Concen: 42.196 ng  
RT: 15.515 min Scan# 2130  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:138 Resp: 324709  
Ion Ratio Lower Upper  
138 100  
92 50.1 29.3 69.3  
108 79.7 60.1 100.1

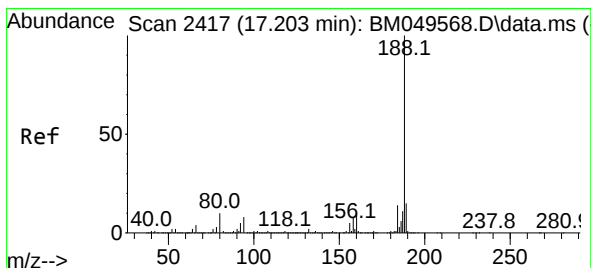
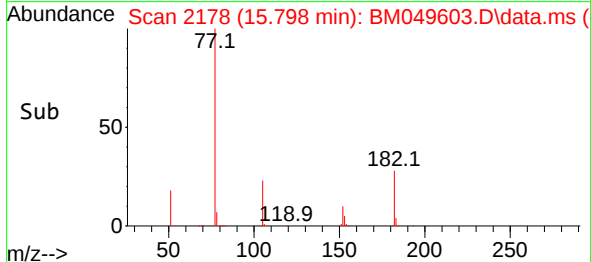
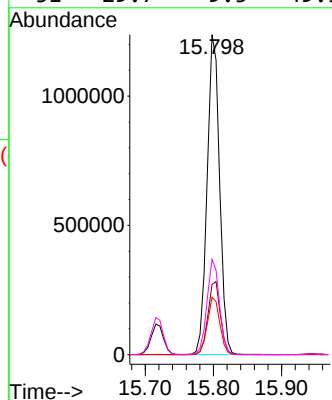
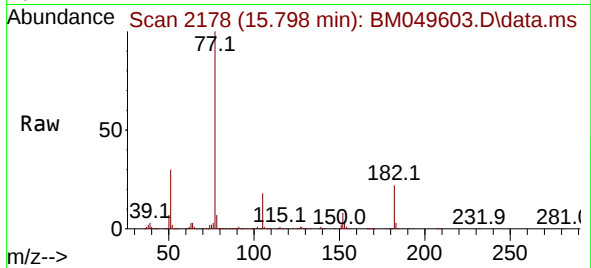




#63  
Azobenzene  
Concen: 43.855 ng  
RT: 15.798 min Scan# 2178  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

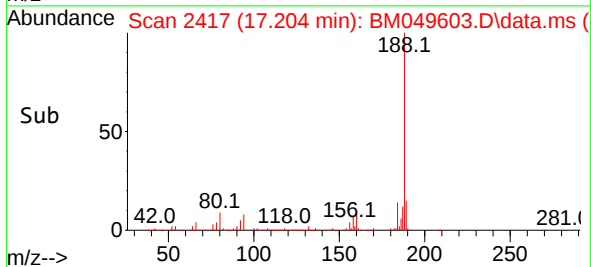
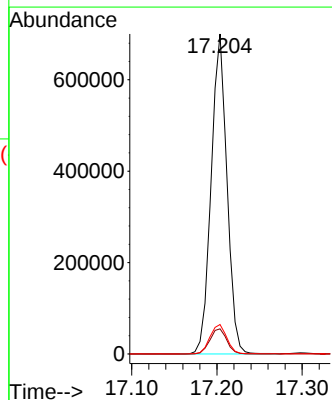
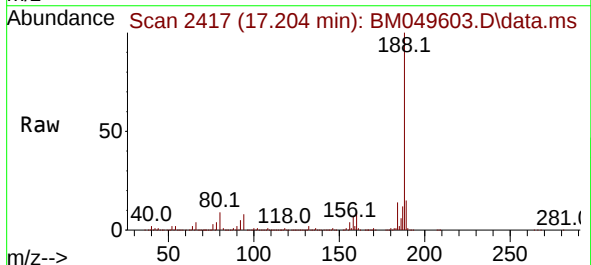
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

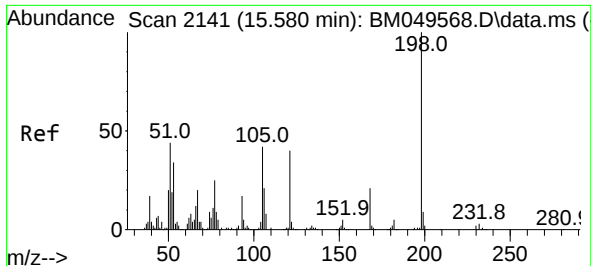
Tgt Ion: 77 Resp: 1573574  
Ion Ratio Lower Upper  
77 100  
182 21.9 4.7 44.7  
105 18.0 0.0 39.3  
51 29.7 9.5 49.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2417  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:188 Resp: 903276  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.7 10.1  
80 9.2 7.7 11.5

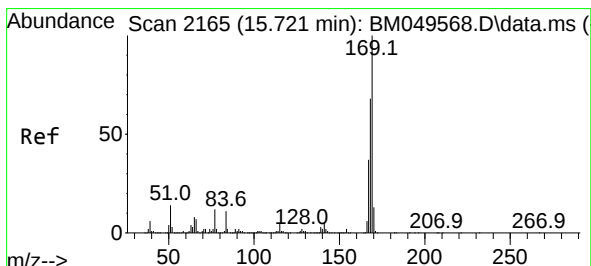
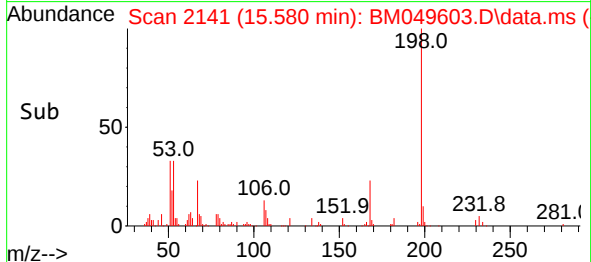
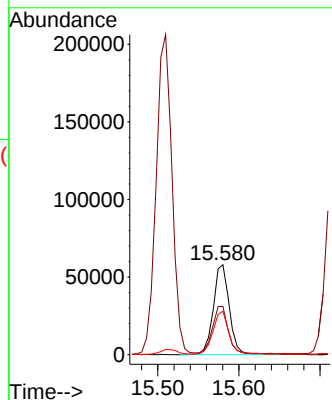
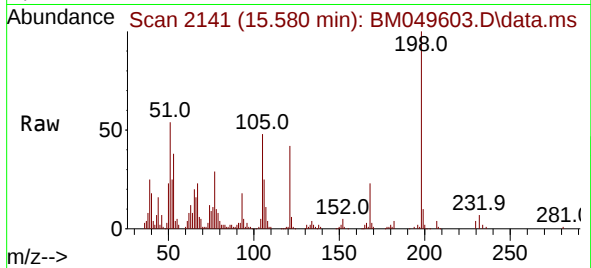




#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.253 ng  
RT: 15.580 min Scan# 2141  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

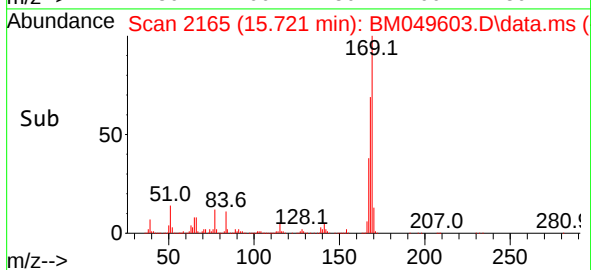
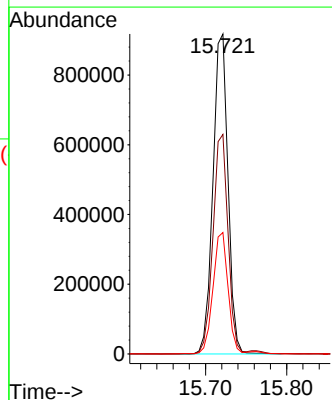
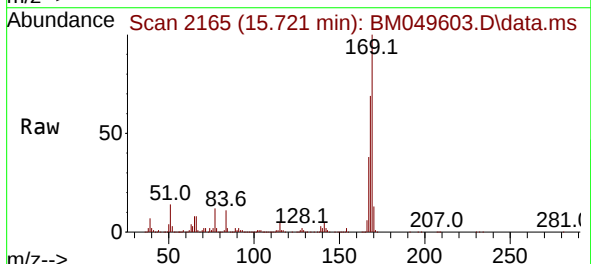
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

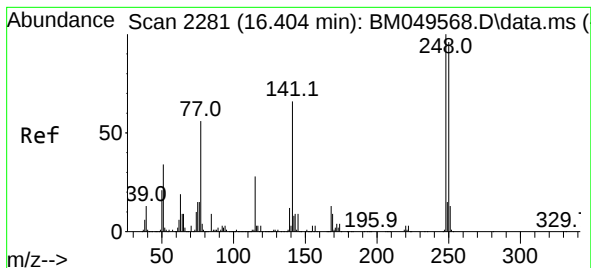
Tgt Ion:198 Resp: 79440  
Ion Ratio Lower Upper  
198 100  
51 53.5 26.9 66.9  
105 48.2 22.8 62.8



#66  
n-Nitrosodiphenylamine  
Concen: 41.370 ng  
RT: 15.721 min Scan# 2165  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:169 Resp: 1178496  
Ion Ratio Lower Upper  
169 100  
168 68.6 54.2 81.4  
167 38.0 29.5 44.3

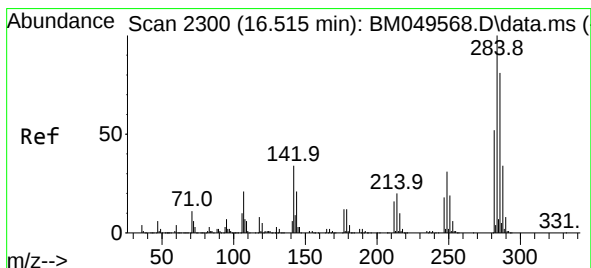
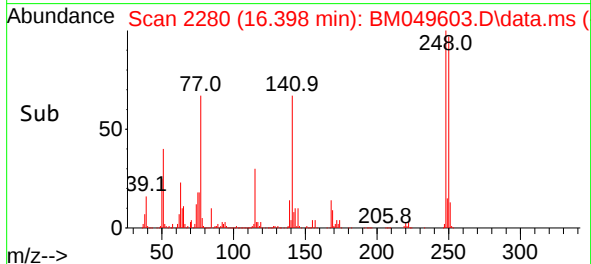
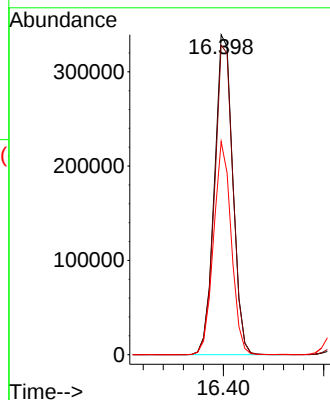
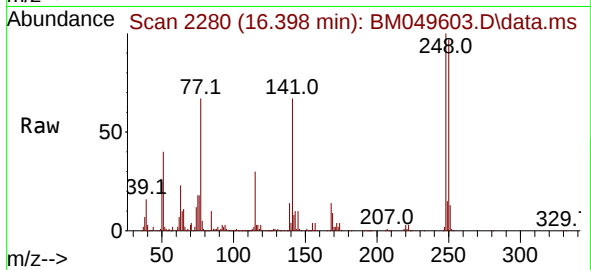




#67  
4-Bromophenyl-phenylether  
Concen: 40.901 ng  
RT: 16.398 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

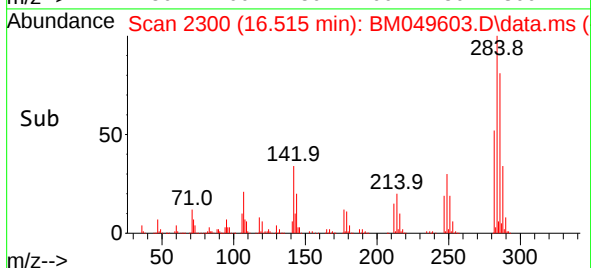
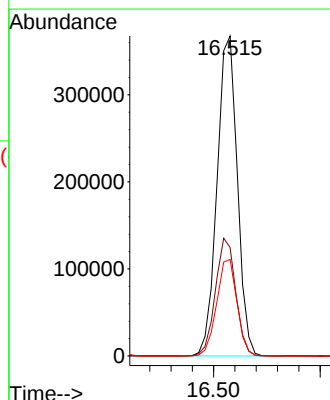
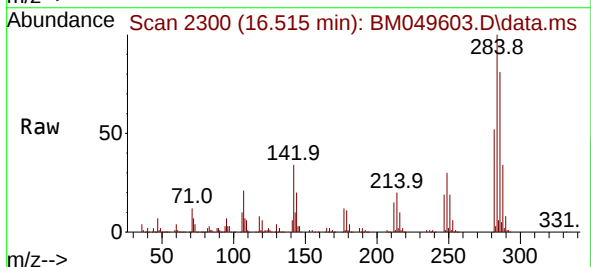
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

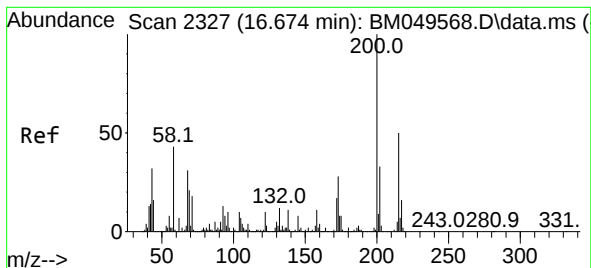
Tgt Ion:248 Resp: 429202  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.0 115.4  
141 66.6 53.0 79.4



#68  
Hexachlorobenzene  
Concen: 40.239 ng  
RT: 16.515 min Scan# 2300  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:284 Resp: 484650  
Ion Ratio Lower Upper  
284 100  
142 33.9 27.1 40.7  
249 30.1 24.6 36.8





#69

Atrazine

Concen: 34.952 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

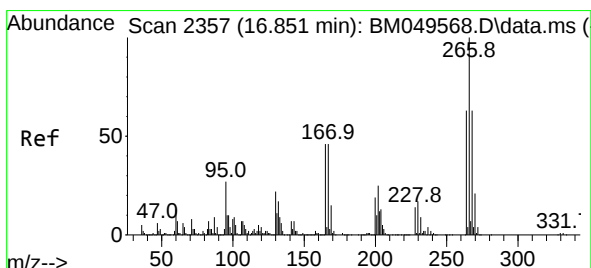
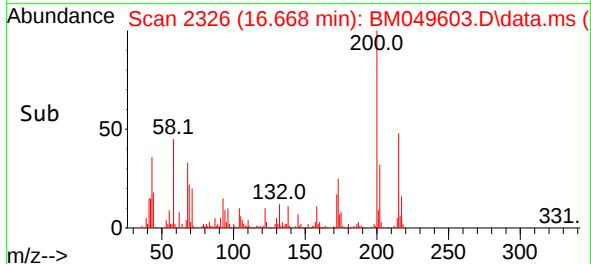
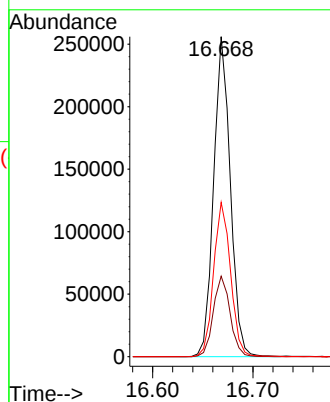
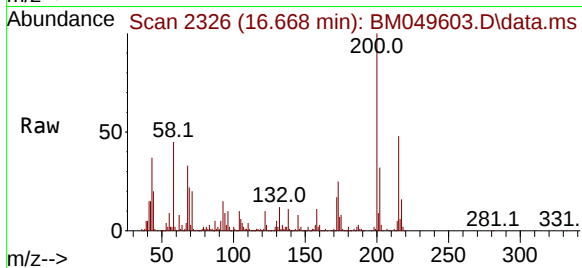
Tgt Ion:200 Resp: 295969

Ion Ratio Lower Upper

200 100

173 25.2 7.6 47.6

215 48.2 30.2 70.2



#70

Pentachlorophenol

Concen: 34.300 ng

RT: 16.851 min Scan# 2357

Delta R.T. 0.000 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

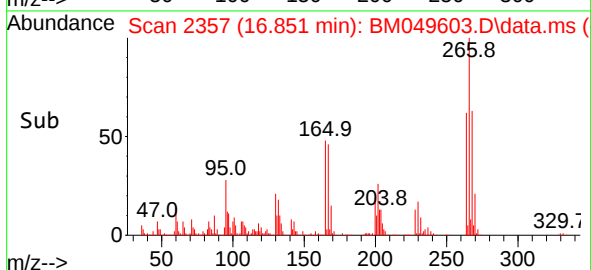
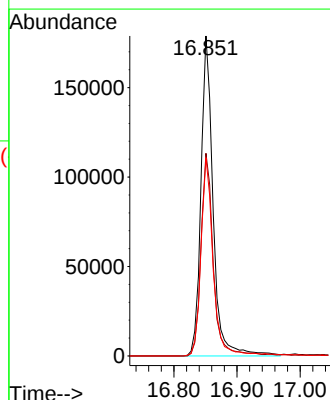
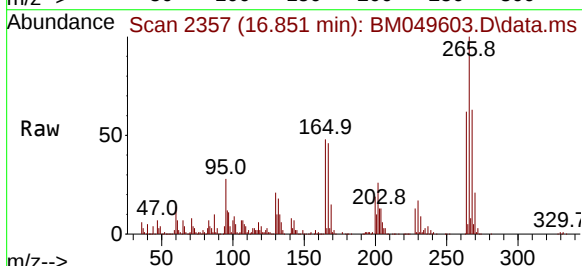
Tgt Ion:266 Resp: 239189

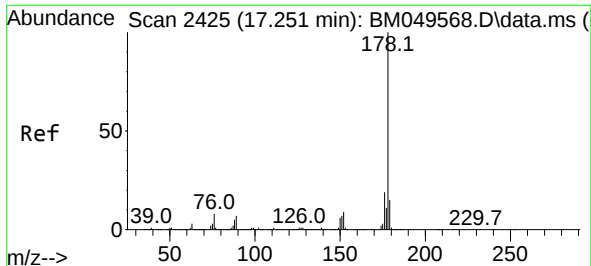
Ion Ratio Lower Upper

266 100

268 63.3 50.8 76.2

264 62.0 50.0 75.0

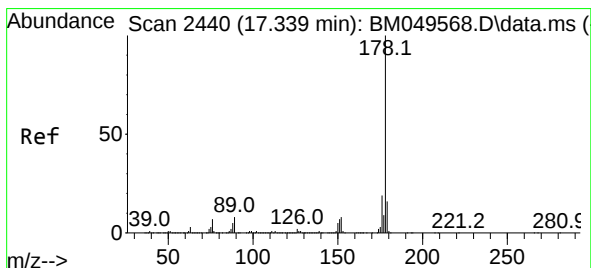
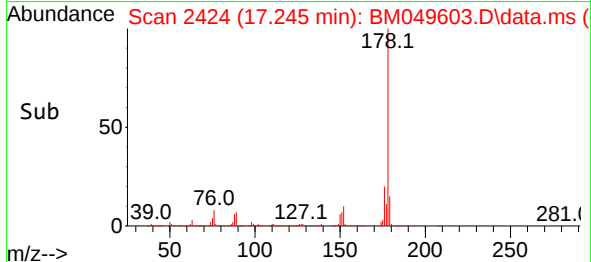
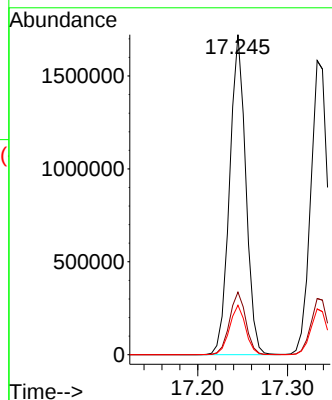
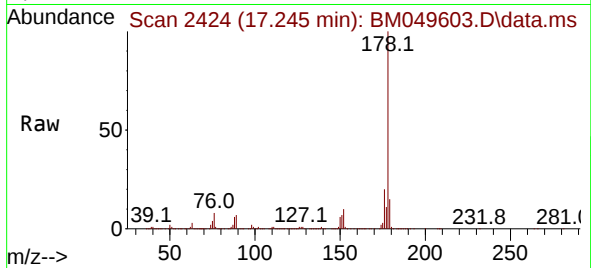




#71  
Phenanthrene  
Concen: 41.902 ng  
RT: 17.245 min Scan# 2425  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

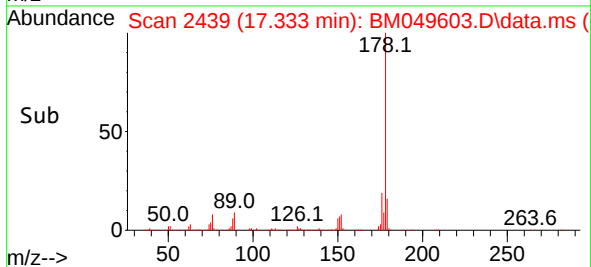
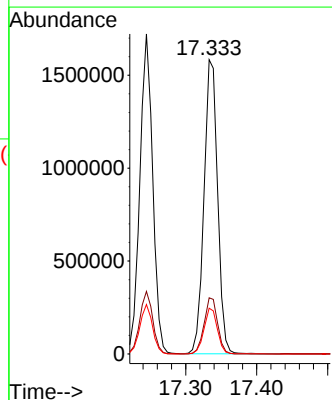
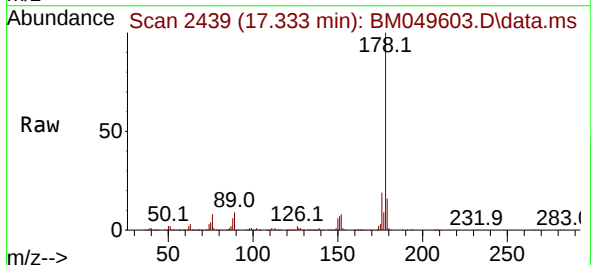
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

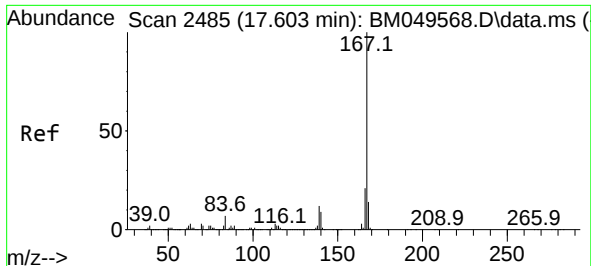
Tgt Ion:178 Resp: 2156248  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.5 23.3  
179 15.5 12.2 18.2



#72  
Anthracene  
Concen: 41.470 ng  
RT: 17.333 min Scan# 2439  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:178 Resp: 2112998  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.2 22.8  
179 15.6 12.4 18.6

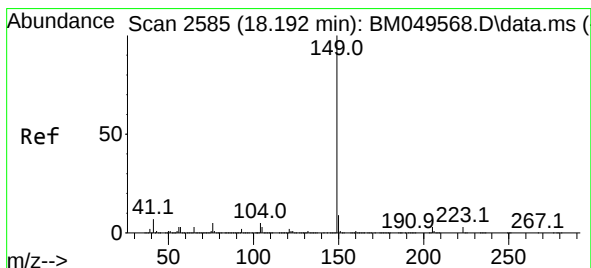
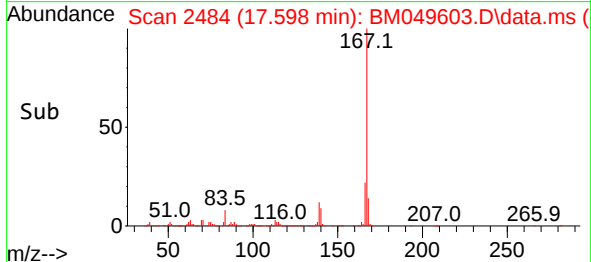
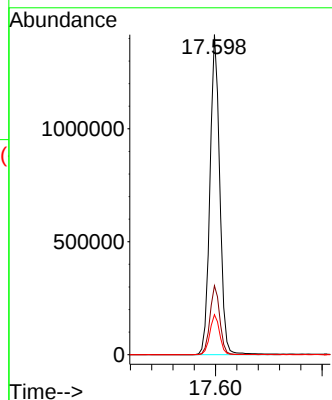
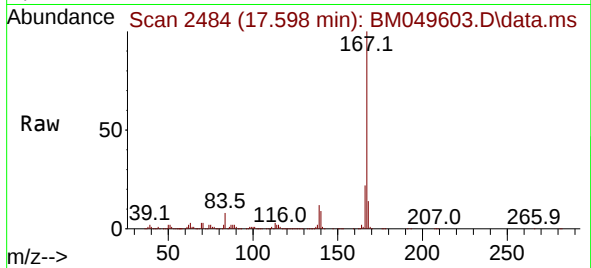




#73  
 Carbazole  
 Concen: 40.654 ng  
 RT: 17.598 min Scan# 2484  
 Delta R.T. -0.006 min  
 Lab File: BM049603.D  
 Acq: 07 Feb 2025 15:43

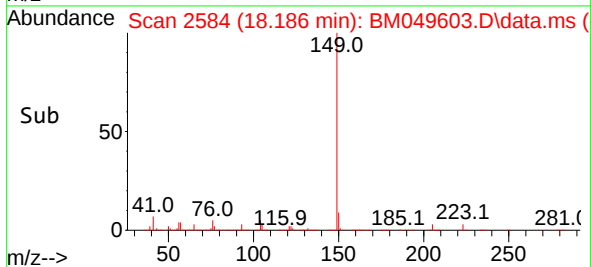
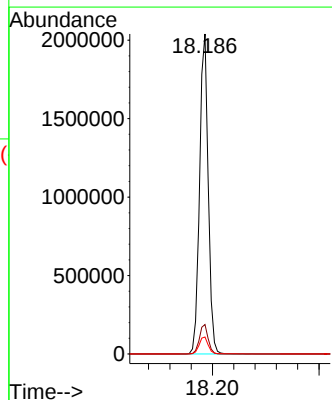
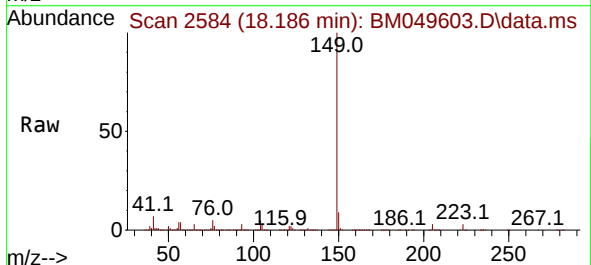
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

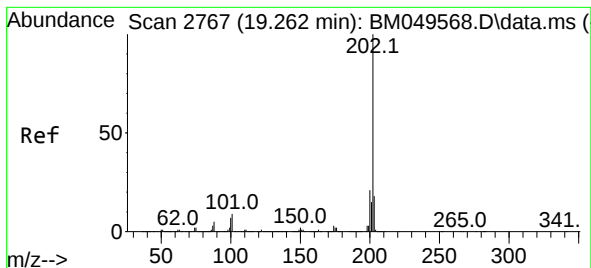
Tgt Ion:167 Resp: 1818068  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.2 25.8  
 139 12.5 9.6 14.4



#74  
 Di-n-butylphthalate  
 Concen: 40.388 ng  
 RT: 18.186 min Scan# 2584  
 Delta R.T. -0.006 min  
 Lab File: BM049603.D  
 Acq: 07 Feb 2025 15:43

Tgt Ion:149 Resp: 2291870  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 41.520 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

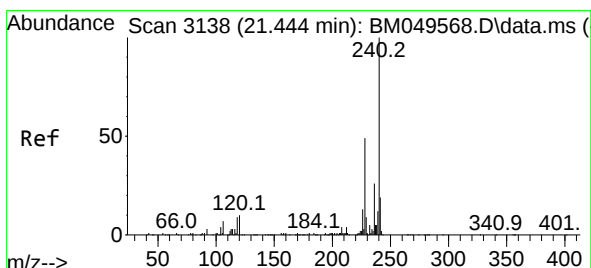
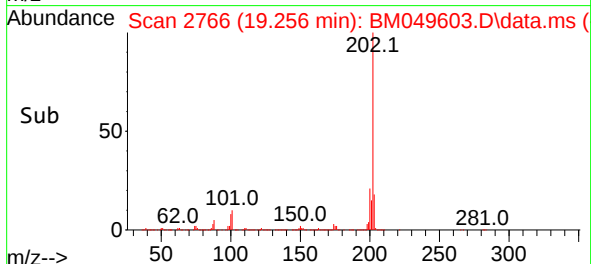
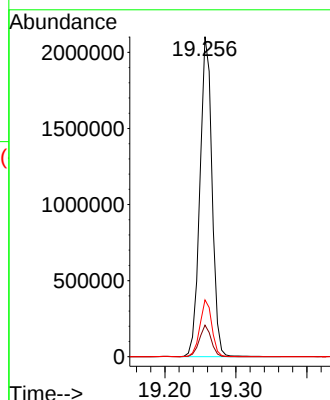
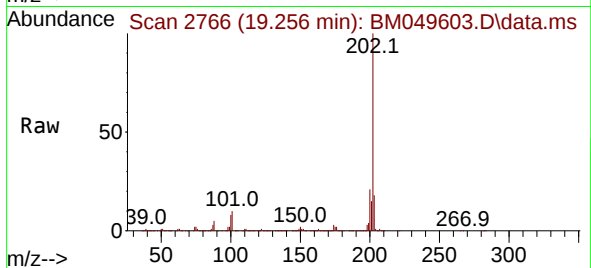
Tgt Ion:202 Resp: 2501450

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.1

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

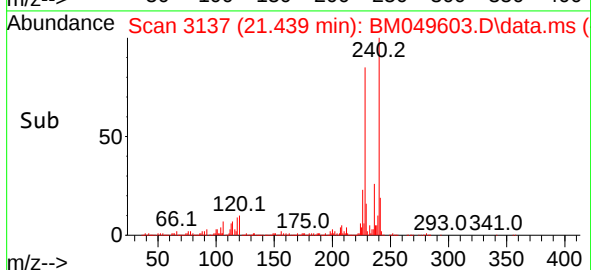
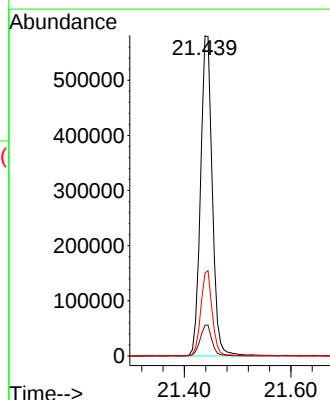
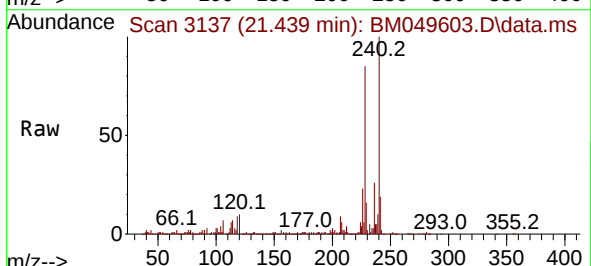
Tgt Ion:240 Resp: 887934

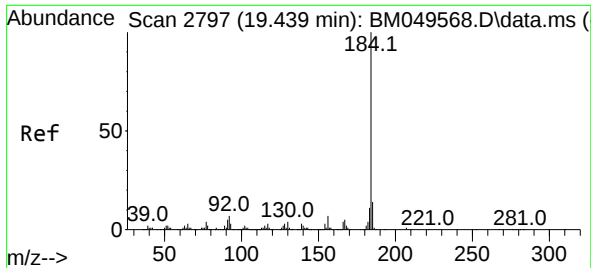
Ion Ratio Lower Upper

240 100

120 9.6 7.8 11.8

236 25.9 20.6 31.0

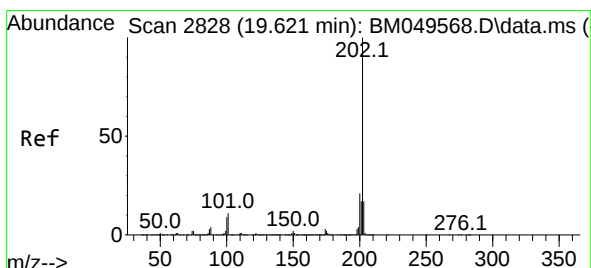
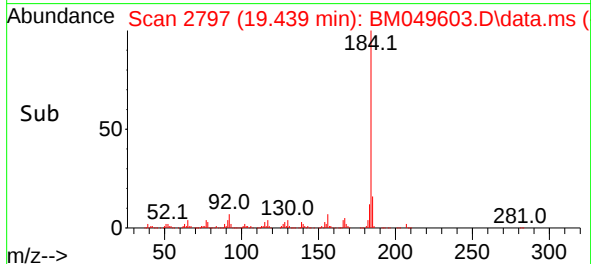
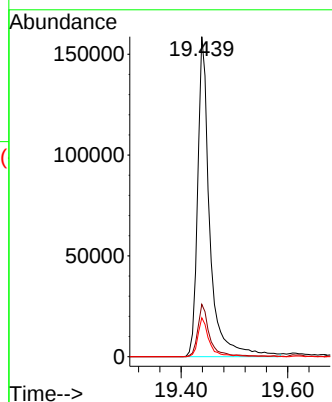
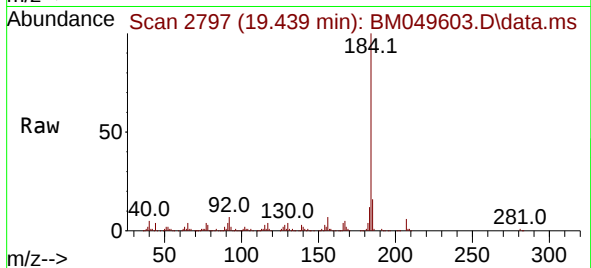




#77  
Benzidine  
Concen: 31.998 ng  
RT: 19.439 min Scan# 2797  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

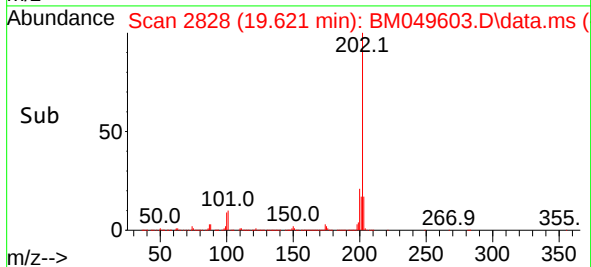
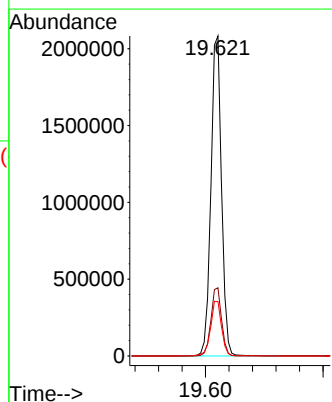
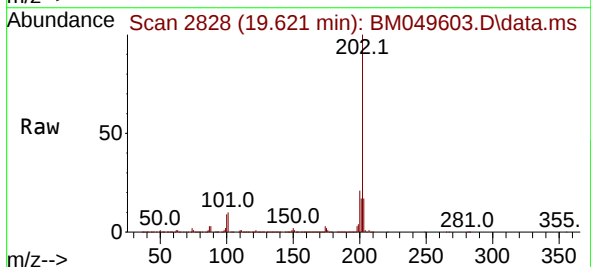
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

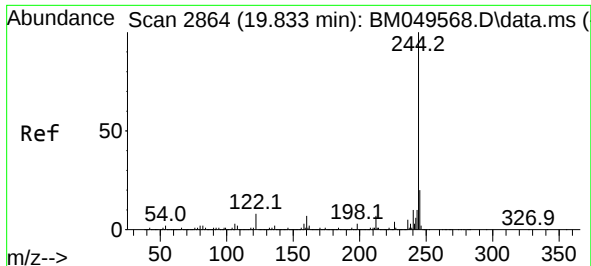
Tgt Ion:184 Resp: 251608  
Ion Ratio Lower Upper  
184 100  
185 16.4 11.6 17.4  
183 12.1 8.9 13.3



#78  
Pyrene  
Concen: 39.357 ng  
RT: 19.621 min Scan# 2828  
Delta R.T. 0.000 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:202 Resp: 2616645  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.8 25.2  
203 17.0 13.8 20.8

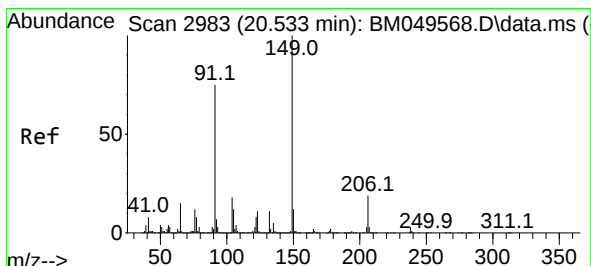
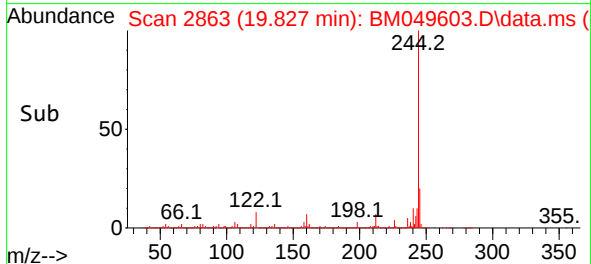
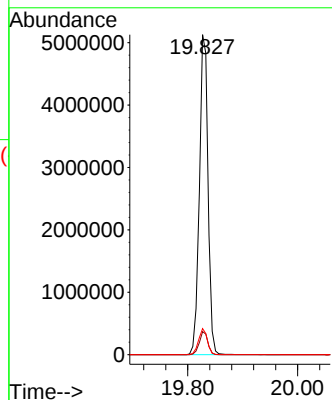
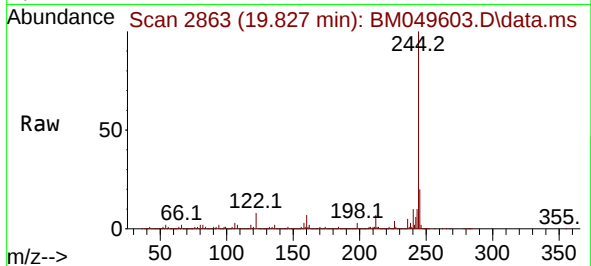




#79  
 Terphenyl-d14  
 Concen: 96.435 ng  
 RT: 19.827 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM049603.D  
 Acq: 07 Feb 2025 15:43

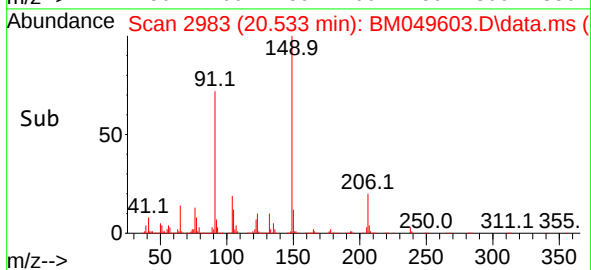
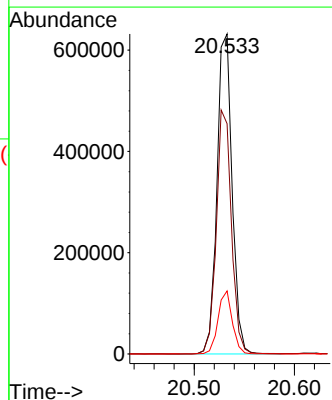
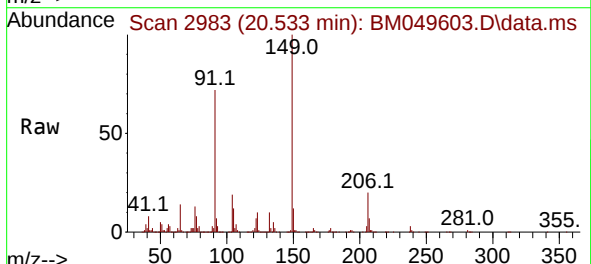
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

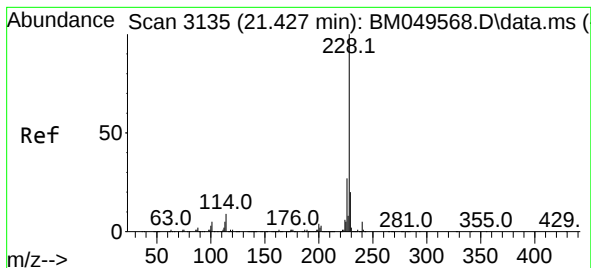
Tgt Ion:244 Resp: 5607445  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 8.2 6.2 9.2



#80  
 Butylbenzylphthalate  
 Concen: 32.014 ng  
 RT: 20.533 min Scan# 2983  
 Delta R.T. 0.000 min  
 Lab File: BM049603.D  
 Acq: 07 Feb 2025 15:43

Tgt Ion:149 Resp: 662322  
 Ion Ratio Lower Upper  
 149 100  
 91 72.0 60.2 90.2  
 206 19.7 15.4 23.0





#81

Benzo(a)anthracene

Concen: 40.572 ng

RT: 21.421 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

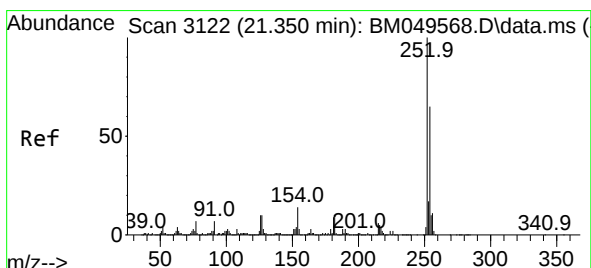
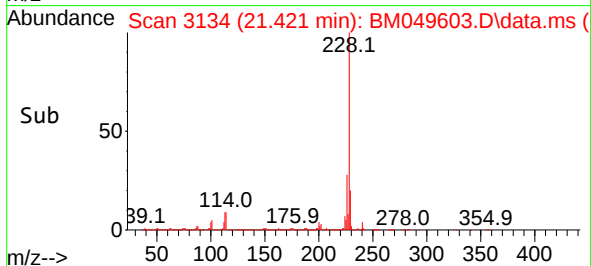
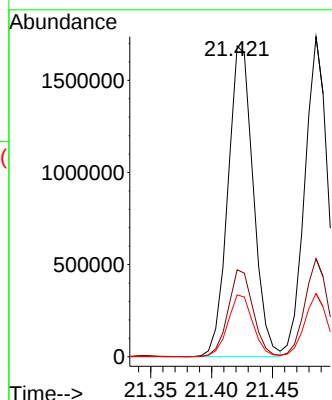
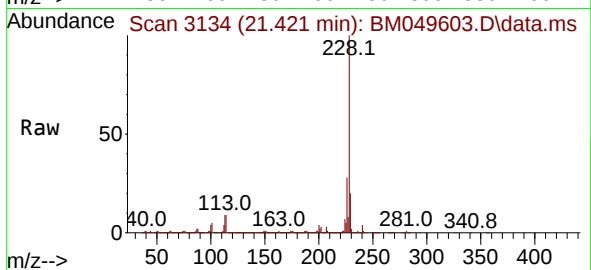
Tgt Ion:228 Resp: 2441517

Ion Ratio Lower Upper

228 100

226 27.9 22.0 33.0

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 34.368 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

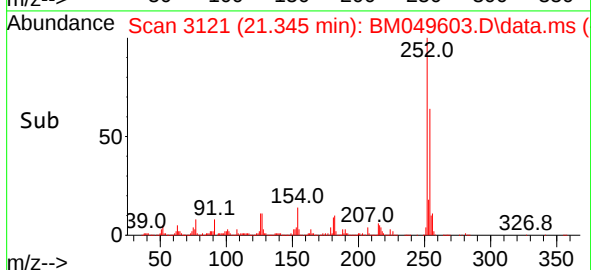
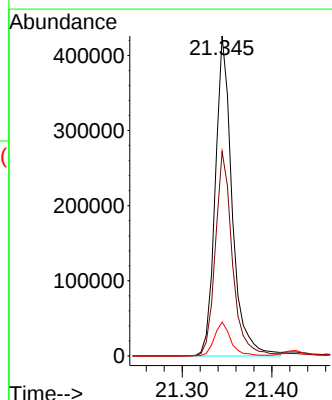
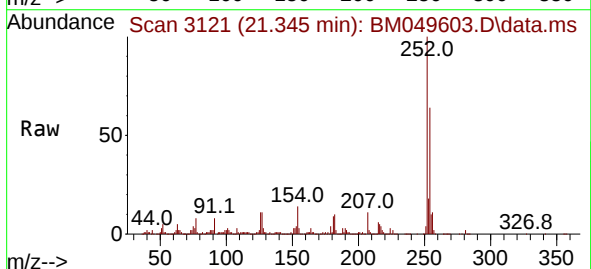
Tgt Ion:252 Resp: 556530

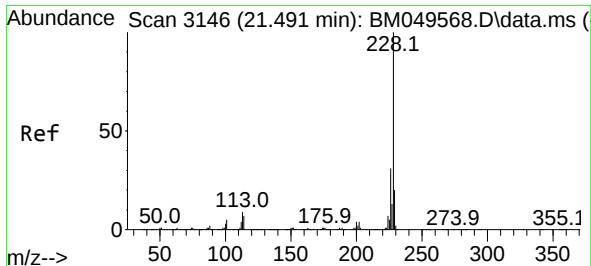
Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

126 10.6 7.8 11.6

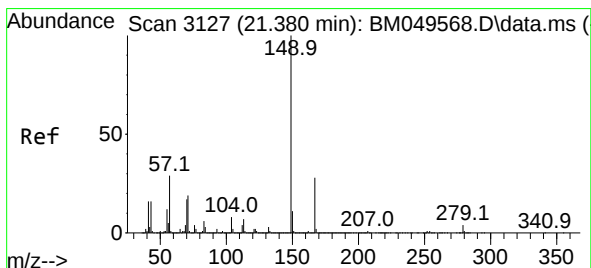
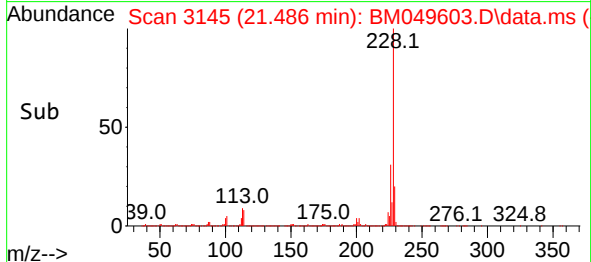
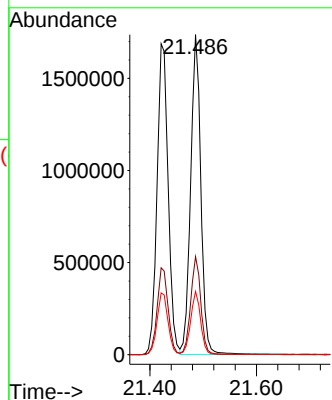
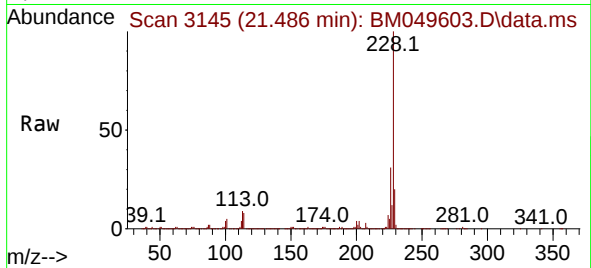




#83  
Chrysene  
Concen: 41.040 ng  
RT: 21.486 min Scan# 3145  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

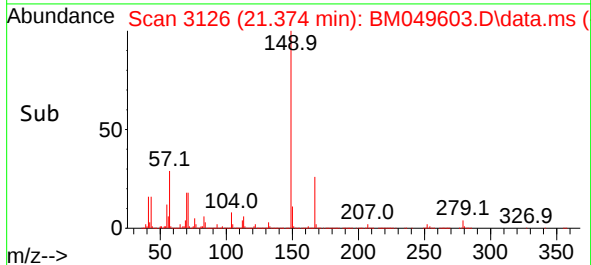
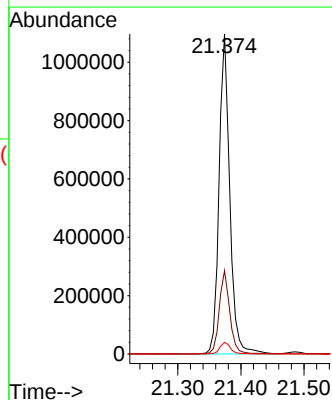
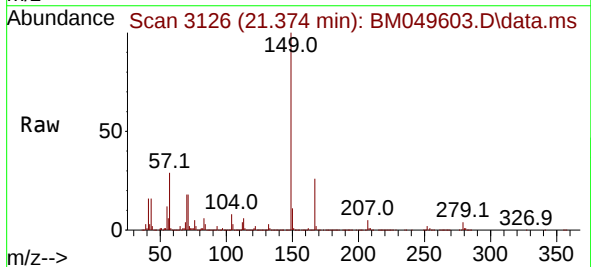
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

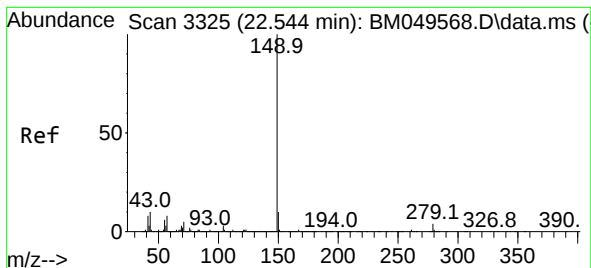
Tgt Ion:228 Resp: 2313800  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.5 36.7  
229 19.8 15.7 23.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 36.169 ng  
RT: 21.374 min Scan# 3126  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:149 Resp: 1282753  
Ion Ratio Lower Upper  
149 100  
167 26.0 22.1 33.1  
279 3.6 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 30.496 ng

RT: 22.527 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

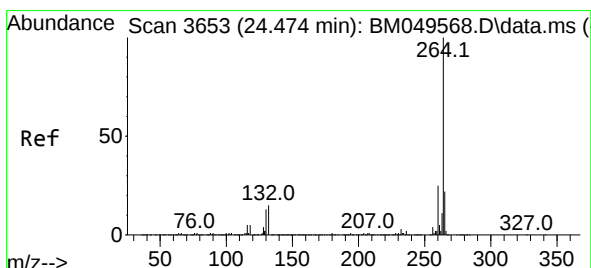
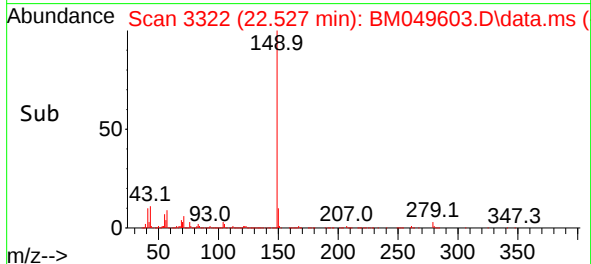
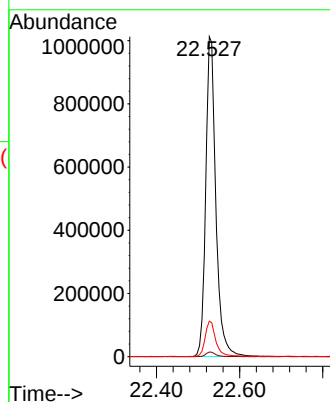
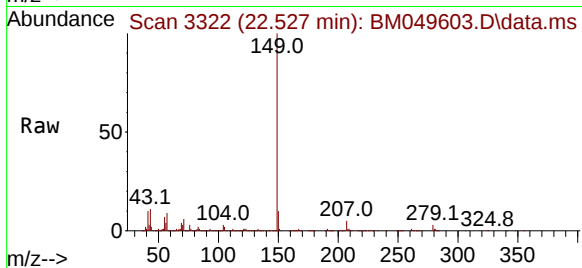
Tgt Ion:149 Resp: 1706325

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.8 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.468 min Scan# 3652

Delta R.T. -0.006 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

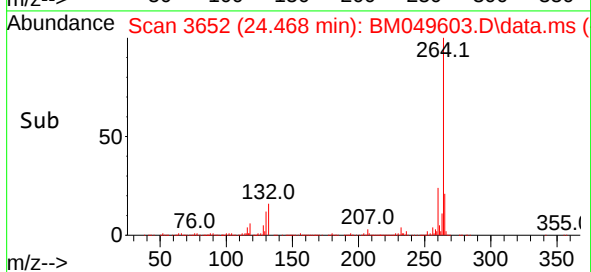
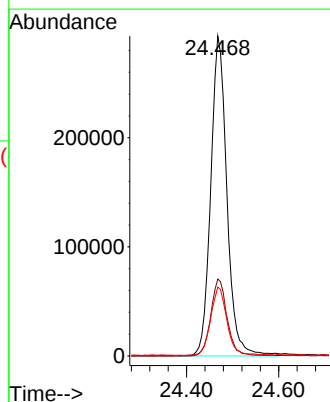
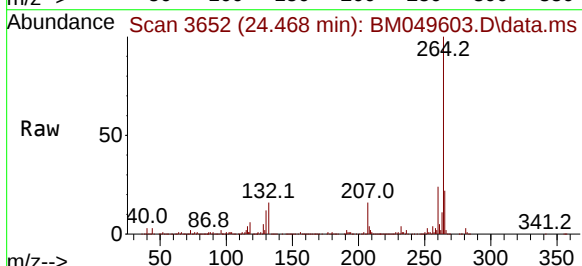
Tgt Ion:264 Resp: 715919

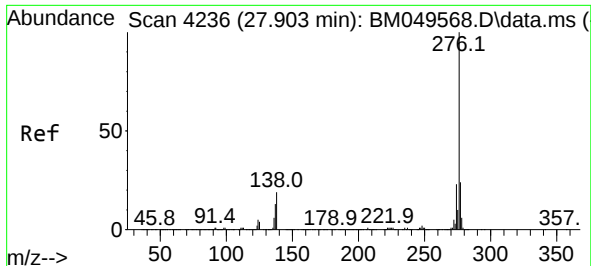
Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 21.5 17.5 26.3

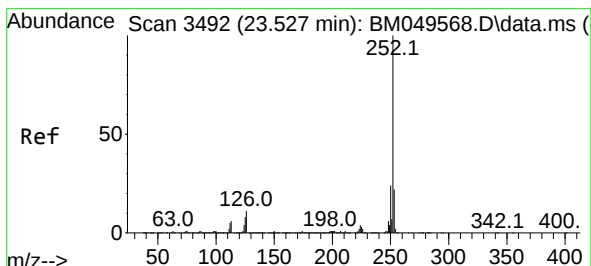
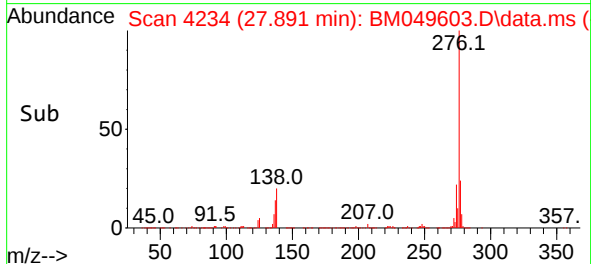
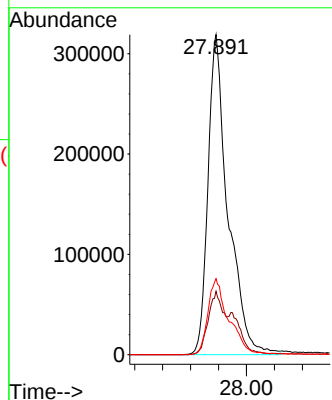
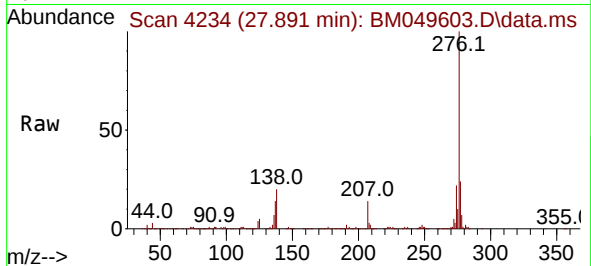




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.591 ng  
 RT: 27.891 min Scan# 41  
 Delta R.T. -0.012 min  
 Lab File: BM049603.D  
 Acq: 07 Feb 2025 15:43

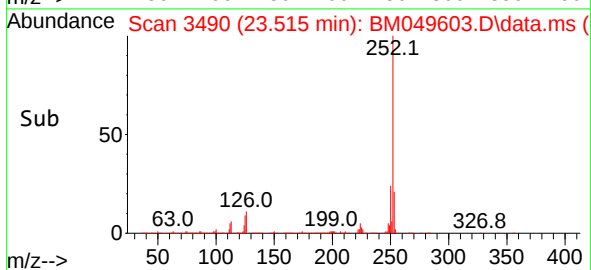
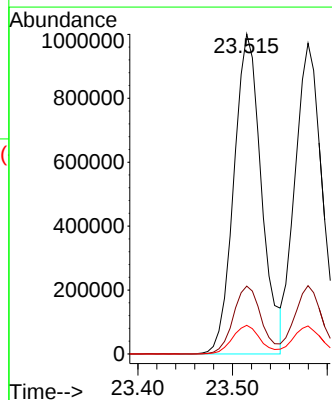
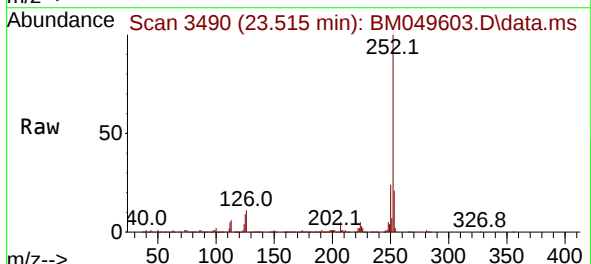
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

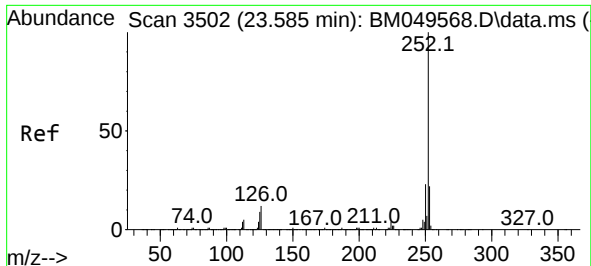
Tgt Ion:276 Resp: 1587030  
 Ion Ratio Lower Upper  
 276 100  
 138 15.4 13.1 19.7  
 277 24.5 19.9 29.9



#88  
 Benzo(b)fluoranthene  
 Concen: 41.159 ng  
 RT: 23.515 min Scan# 3490  
 Delta R.T. -0.012 min  
 Lab File: BM049603.D  
 Acq: 07 Feb 2025 15:43

Tgt Ion:252 Resp: 2027116  
 Ion Ratio Lower Upper  
 252 100  
 253 21.2 17.4 26.2  
 125 8.9 6.6 10.0

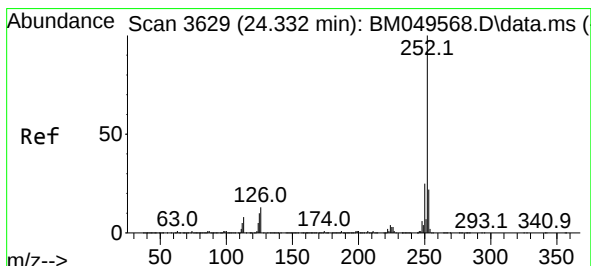
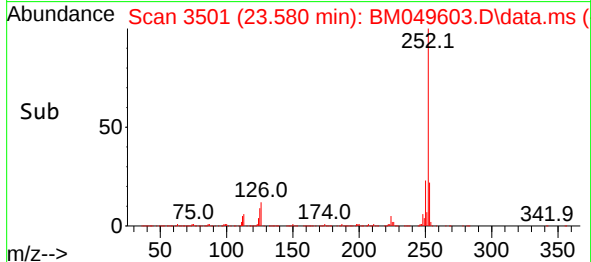
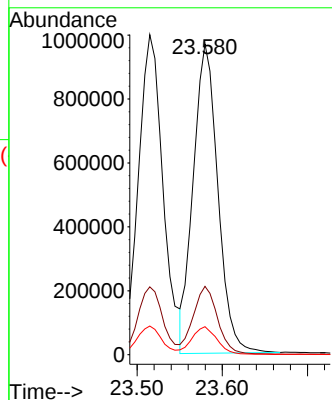
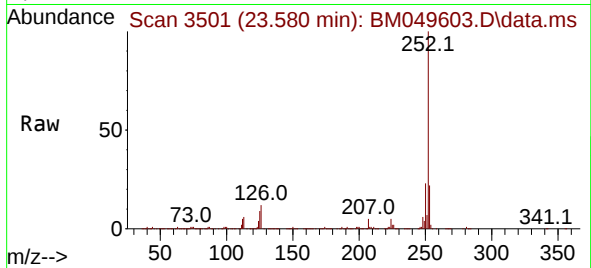




#89  
Benzo(k)fluoranthene  
Concen: 40.547 ng  
RT: 23.580 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

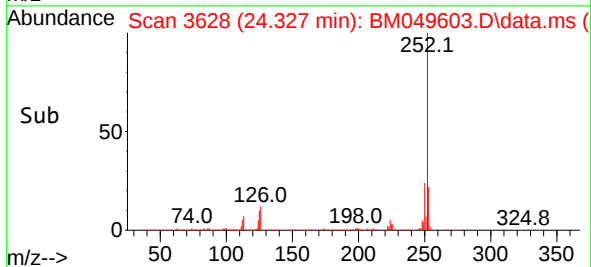
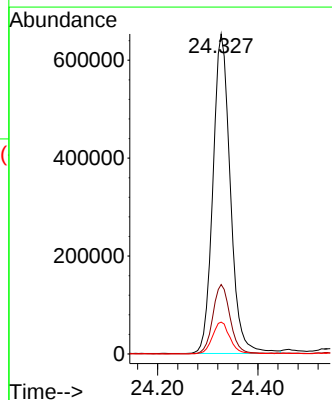
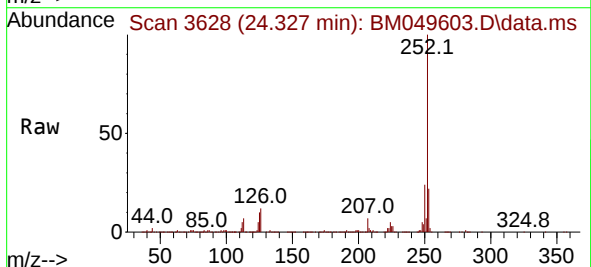
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

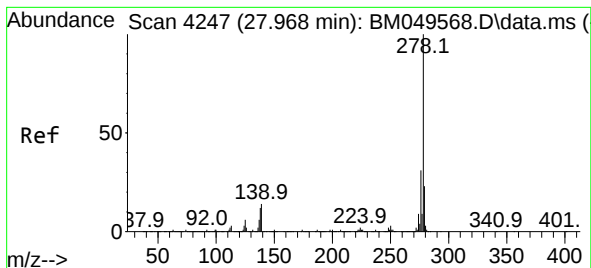
Tgt Ion:252 Resp: 1939592  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.0 7.0 10.6



#90  
Benzo(a)pyrene  
Concen: 40.335 ng  
RT: 24.327 min Scan# 3628  
Delta R.T. -0.006 min  
Lab File: BM049603.D  
Acq: 07 Feb 2025 15:43

Tgt Ion:252 Resp: 1574267  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.0  
125 10.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 40.433 ng

RT: 27.956 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

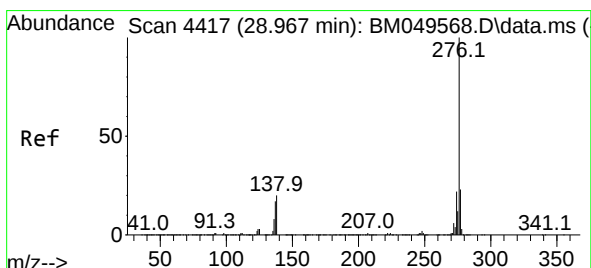
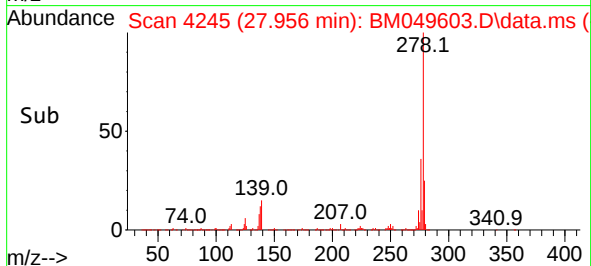
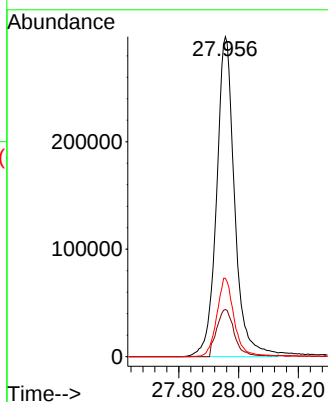
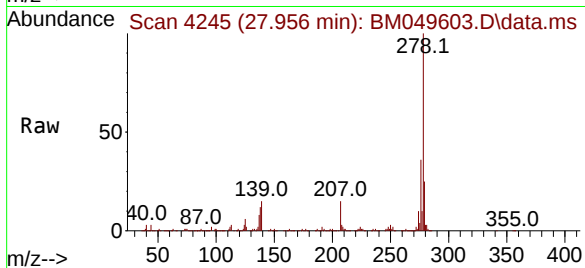
Tgt Ion:278 Resp: 1249408

Ion Ratio Lower Upper

278 100

139 14.8 11.5 17.3

279 24.5 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 41.439 ng

RT: 28.956 min Scan# 4415

Delta R.T. -0.012 min

Lab File: BM049603.D

Acq: 07 Feb 2025 15:43

Tgt Ion:276 Resp: 1430421

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 21.2 16.0 24.0

