

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM123124\  
 Data File : BM049310.D  
 Acq On : 31 Dec 2024 18:27  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM123124

Quant Time: Dec 31 23:08:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM123124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 23:06:33 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.528  | 152  | 195354   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.292 | 136  | 747323   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.169 | 164  | 482842   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.921 | 188  | 992559   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.150 | 240  | 922080   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.938 | 264  | 959149   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.163  | 112  | 998267   | 79.870 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.722  | 99   | 1317179  | 80.448 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.675  | 82   | 1260825  | 79.831 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.668 | 330  | 525877   | 81.560 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.786 | 172  | 2963379  | 79.975 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.574 | 244  | 4567042  | 81.976 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.157  | 88   | 202340   | 38.703 | ng    | 98       |
| 3) Pyridine                   | 3.534  | 79   | 579885m  | 38.698 | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.452  | 42   | 235856   | 38.634 | ng    | 98       |
| 6) Aniline                    | 6.869  | 93   | 533089   | 39.617 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.104  | 128  | 506303   | 39.724 | ng    | 99       |
| 9) Benzaldehyde               | 6.687  | 77   | 354748   | 38.539 | ng    | 100      |
| 10) Phenol                    | 6.751  | 94   | 650426   | 39.513 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.969  | 93   | 523017   | 39.723 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.416  | 146  | 599518   | 39.578 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.563  | 146  | 606403   | 39.592 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.875  | 146  | 590000   | 39.838 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.775  | 79   | 426815   | 40.588 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.063  | 45   | 752190   | 39.686 | ng    | 99       |
| 17) 2-Methylphenol            | 7.981  | 107  | 412997   | 40.388 | ng    | 98       |
| 18) Hexachloroethane          | 8.592  | 117  | 225731   | 39.859 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.334  | 70   | 437563   | 41.589 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.304  | 107  | 569913   | 40.646 | ng    | 99       |
| 22) Acetophenone              | 8.345  | 105  | 806797   | 39.478 | ng    | 100      |
| 24) Nitrobenzene              | 8.716  | 77   | 634813   | 39.464 | ng    | 99       |
| 25) Isophorone                | 9.239  | 82   | 1097081  | 40.454 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.416  | 139  | 270720   | 41.841 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.492  | 122  | 322596   | 40.552 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.722  | 93   | 688881   | 39.553 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 9.951  | 162  | 506149   | 40.927 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.157 | 180  | 599467   | 39.268 | ng    | 98       |
| 31) Naphthalene               | 10.339 | 128  | 1582221  | 38.947 | ng    | 100      |
| 32) Benzoic acid              | 9.639  | 122  | 340730   | 40.731 | ng    | 94       |
| 33) 4-Chloroaniline           | 10.463 | 127  | 562859   | 40.524 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.633 | 225  | 378404   | 39.211 | ng    | 99       |
| 35) Caprolactam               | 11.239 | 113  | 145087   | 41.438 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.598 | 107  | 490102   | 40.603 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 11.963 | 142  | 1121785  | 40.186 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.186 | 142  | 1106261  | 39.977 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.339 | 216  | 650965   | 39.753 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.322 | 237  | 214758   | 39.833 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.586 | 196  | 422857   | 40.525 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM123124\  
 Data File : BM049310.D  
 Acq On : 31 Dec 2024 18:27  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM123124

Quant Time: Dec 31 23:08:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM123124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 23:06:33 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.657 | 196  | 468969   | 40.416 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 12.998 | 154  | 1460125  | 39.869 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.033 | 162  | 1193536  | 39.654 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.245 | 65   | 334203   | 41.984 | ng    | 98       |
| 49) Acenaphthylene            | 13.886 | 152  | 1652575  | 39.992 | ng    | 99       |
| 50) Dimethylphthalate         | 13.639 | 163  | 1400747  | 39.553 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.751 | 165  | 314254   | 41.047 | ng    | 99       |
| 52) Acenaphthene              | 14.233 | 154  | 1062931  | 39.839 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.086 | 138  | 297798   | 41.492 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.292 | 184  | 168952   | 40.932 | ng    | 99       |
| 55) Dibenzofuran              | 14.569 | 168  | 1734897  | 39.517 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.404 | 139  | 254941   | 43.005 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.545 | 165  | 429800   | 42.118 | ng    | 98       |
| 58) Fluorene                  | 15.221 | 166  | 1443613  | 40.295 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.804 | 232  | 383944   | 40.260 | ng    | 99       |
| 60) Diethylphthalate          | 15.016 | 149  | 1392406  | 39.980 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.227 | 204  | 784899   | 40.289 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.251 | 138  | 312924   | 42.937 | ng    | 98       |
| 63) Azobenzene                | 15.521 | 77   | 1330028  | 40.108 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.310 | 198  | 240195   | 40.736 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.445 | 169  | 1163023  | 40.554 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.121 | 248  | 439820   | 40.179 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.227 | 284  | 515984   | 39.992 | ng    | 97       |
| 69) Atrazine                  | 16.404 | 200  | 260883   | 35.183 | ng    | 98       |
| 70) Pentachlorophenol         | 16.574 | 266  | 344423   | 41.804 | ng    | 99       |
| 71) Phenanthrene              | 16.962 | 178  | 2100878  | 39.868 | ng    | 100      |
| 72) Anthracene                | 17.051 | 178  | 2043026  | 40.472 | ng    | 100      |
| 73) Carbazole                 | 17.327 | 167  | 1987134  | 40.593 | ng    | 100      |
| 74) Di-n-butylphthalate       | 17.909 | 149  | 2352736  | 41.648 | ng    | 99       |
| 75) Fluoranthene              | 18.986 | 202  | 2594412  | 40.413 | ng    | 99       |
| 77) Benzidine                 | 19.186 | 184  | 565981   | 50.108 | ng    | 99       |
| 78) Pyrene                    | 19.351 | 202  | 2707706  | 39.759 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.280 | 149  | 1009652  | 42.187 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.133 | 228  | 2630408  | 40.057 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.074 | 252  | 878948   | 42.049 | ng    | 99       |
| 83) Chrysene                  | 21.192 | 228  | 2434454  | 39.428 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.086 | 149  | 1546800  | 42.521 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.150 | 149  | 2455448  | 41.941 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.032 | 276  | 2877392  | 40.642 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.068 | 252  | 2521885  | 39.450 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.127 | 252  | 2507847  | 40.355 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.809 | 252  | 2169213  | 39.810 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.091 | 278  | 2396893  | 40.670 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.997 | 276  | 2363723  | 39.922 | ng    | 98       |

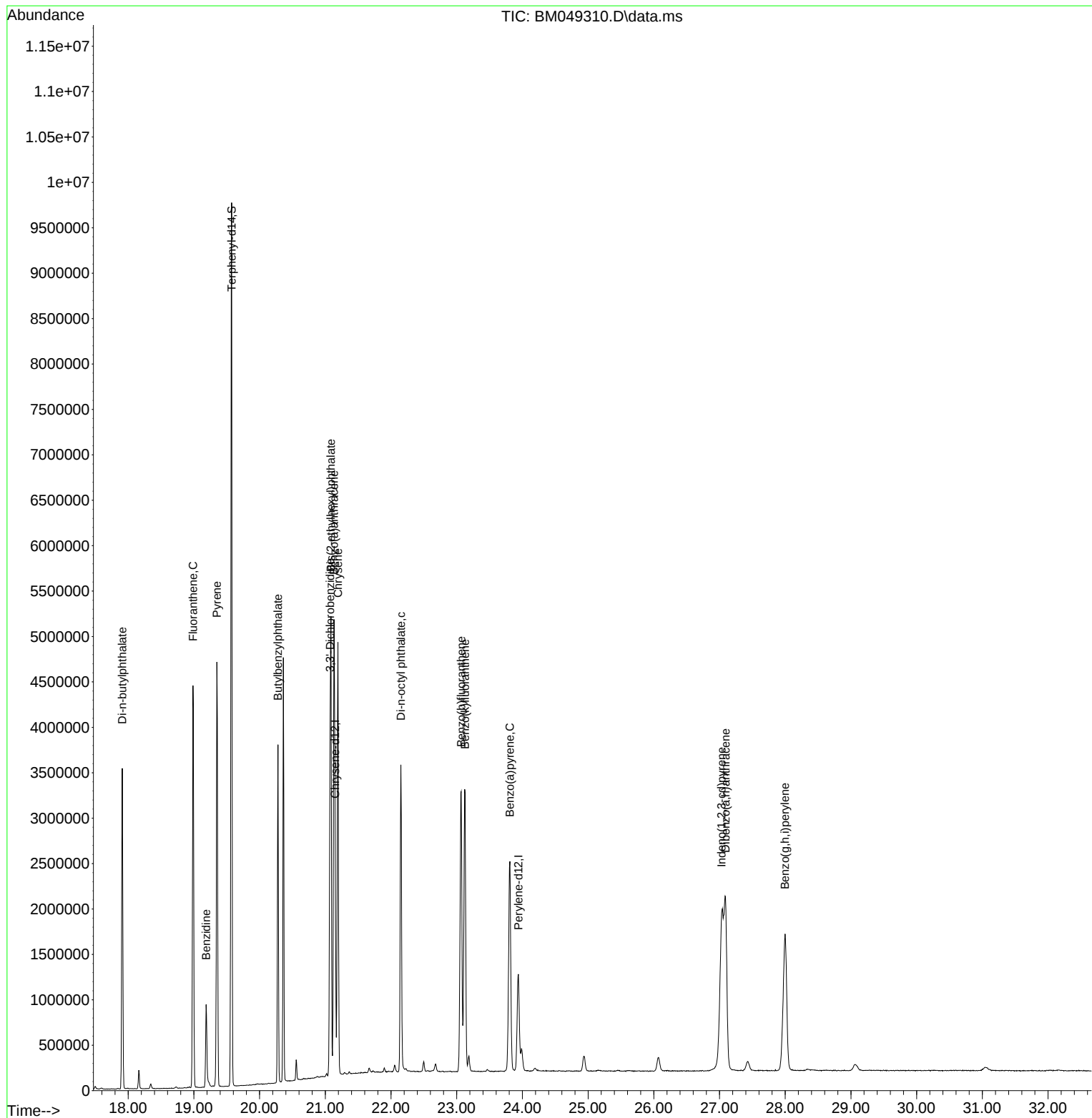
(#) = qualifier out of range (m) = manual integration (+) = signals summed

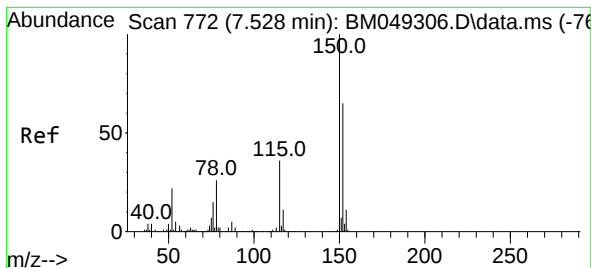


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM123124\  
Data File : BM049310.D  
Acq On : 31 Dec 2024 18:27  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

Quant Time: Dec 31 23:08:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM123124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 31 23:06:33 2024  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.528 min Scan# 7

Delta R.T. -0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

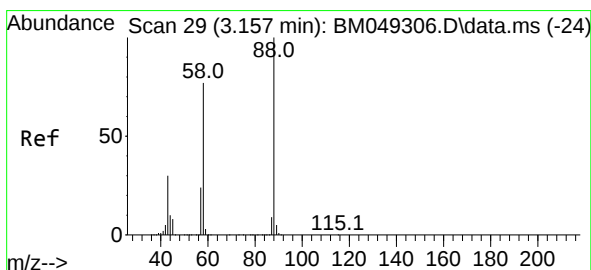
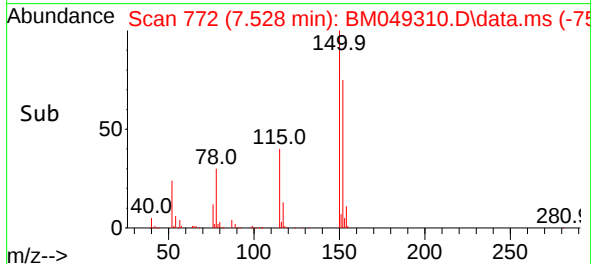
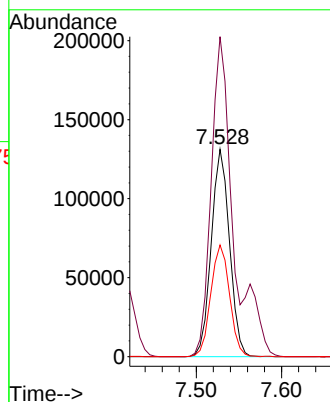
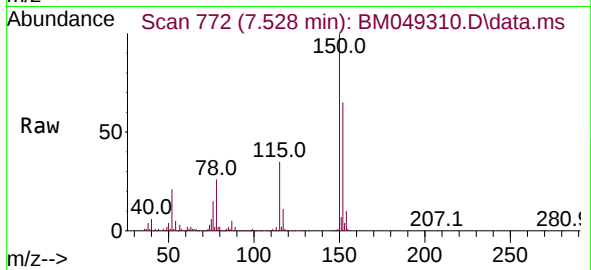
Tgt Ion:152 Resp: 195354

Ion Ratio Lower Upper

152 100

150 154.3 122.2 183.2

115 53.8 44.5 66.7



#2

1,4-Dioxane

Concen: 38.703 ng

RT: 3.157 min Scan# 29

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

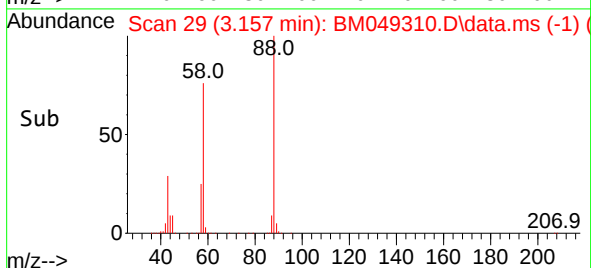
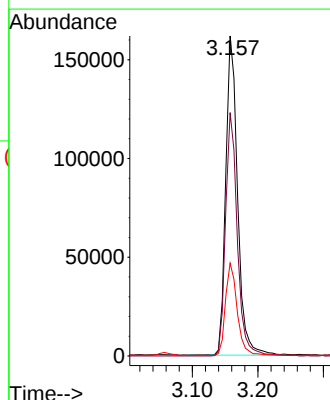
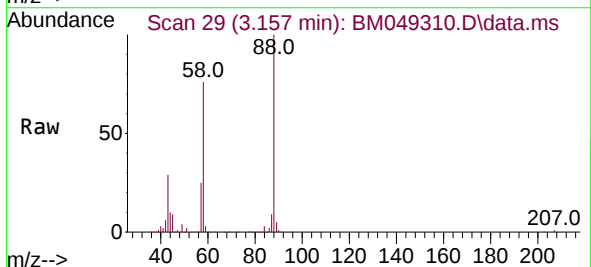
Tgt Ion: 88 Resp: 202340

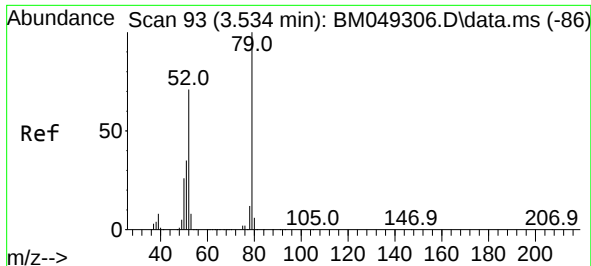
Ion Ratio Lower Upper

88 100

58 75.8 61.9 92.9

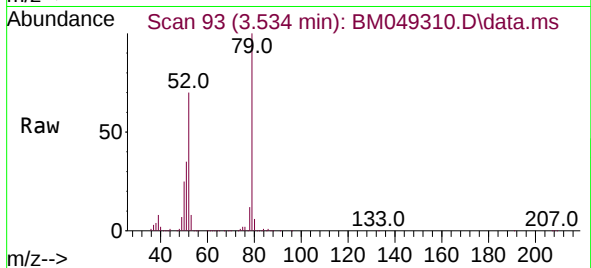
43 28.7 23.6 35.4



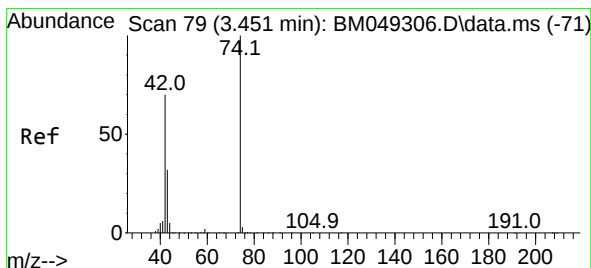
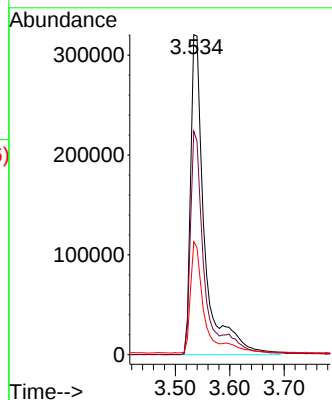
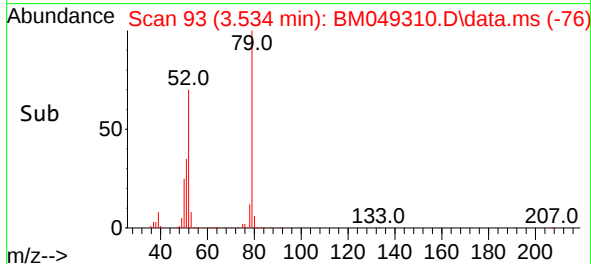


#3  
Pyridine  
Concen: 38.698 ng m  
RT: 3.534 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

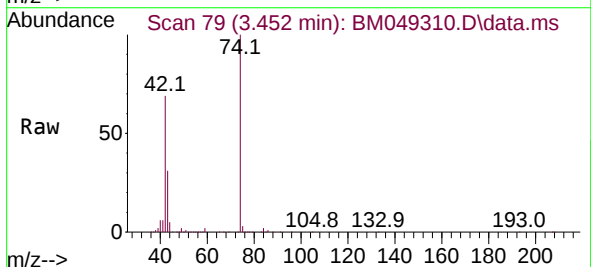
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124



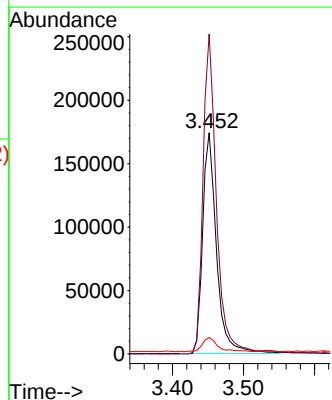
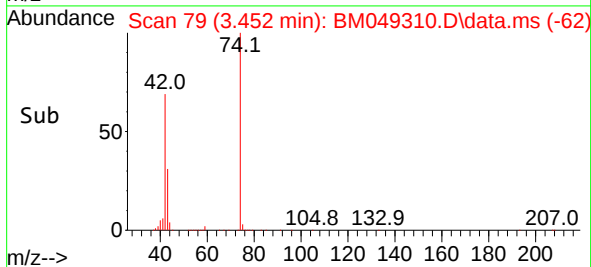
Tgt Ion: 79 Resp: 579885  
Ion Ratio Lower Upper  
79 100  
52 69.8 56.6 85.0  
51 35.3 28.2 42.4

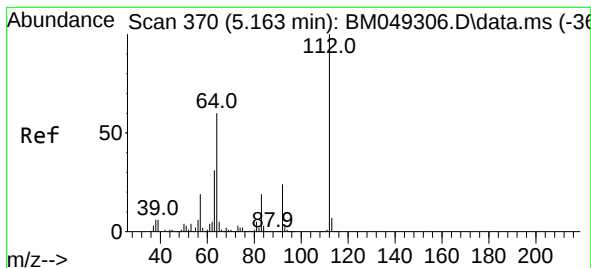


#4  
n-Nitrosodimethylamine  
Concen: 38.634 ng  
RT: 3.452 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27



Tgt Ion: 42 Resp: 235856  
Ion Ratio Lower Upper  
42 100  
74 144.7 114.1 171.1  
44 7.4 6.2 9.4





#5

2-Fluorophenol

Concen: 79.870 ng

RT: 5.163 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

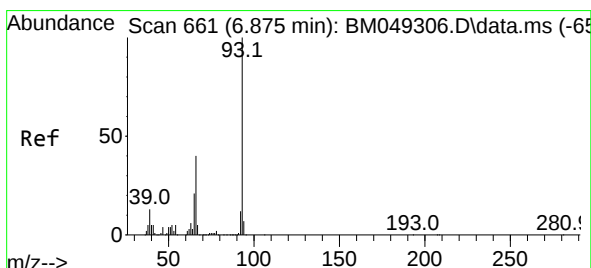
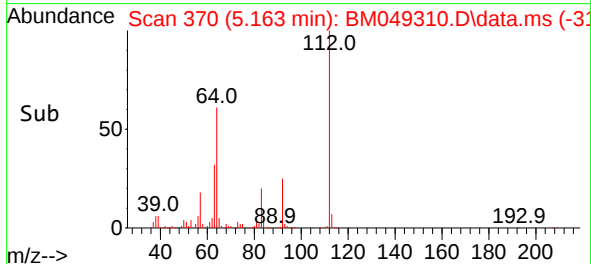
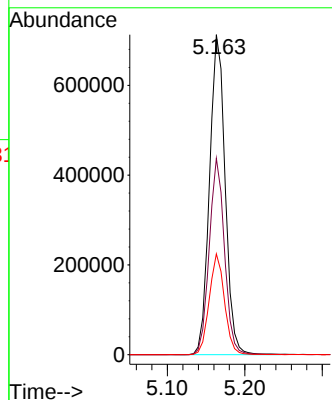
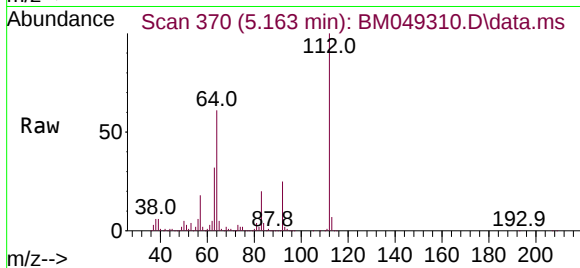
Tgt Ion:112 Resp: 998267

Ion Ratio Lower Upper

112 100

64 61.4 48.2 72.4

63 31.5 24.6 37.0



#6

Aniline

Concen: 39.617 ng

RT: 6.869 min Scan# 660

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

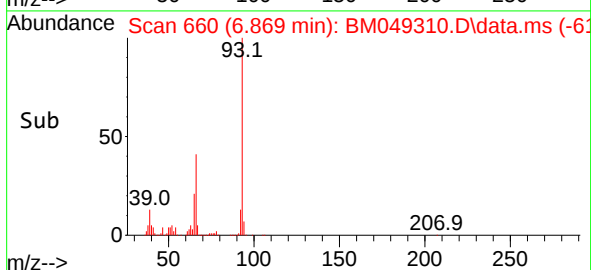
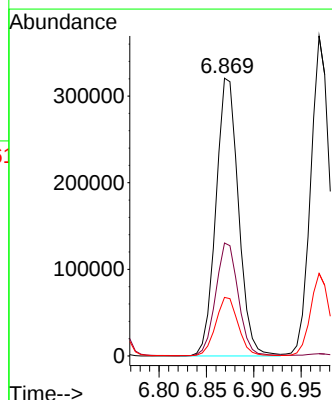
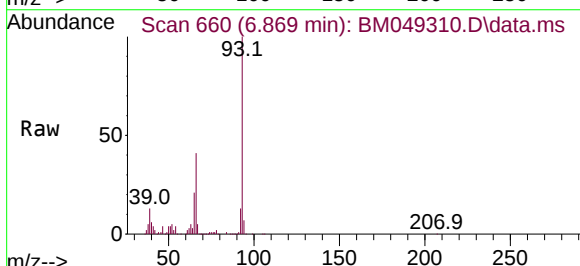
Tgt Ion: 93 Resp: 533089

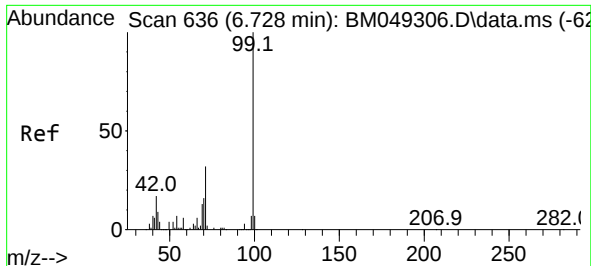
Ion Ratio Lower Upper

93 100

66 40.7 32.2 48.2

65 21.1 16.8 25.2

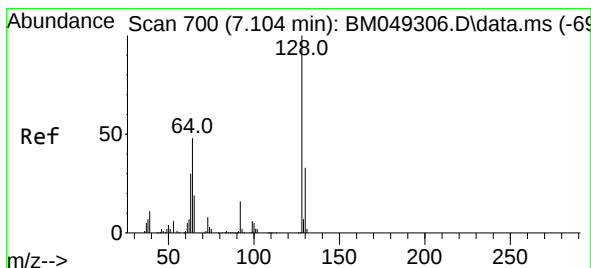
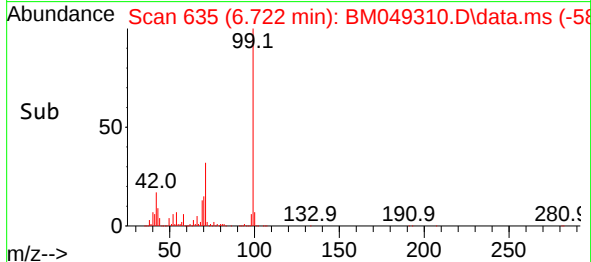
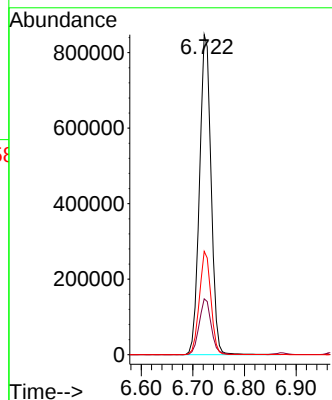
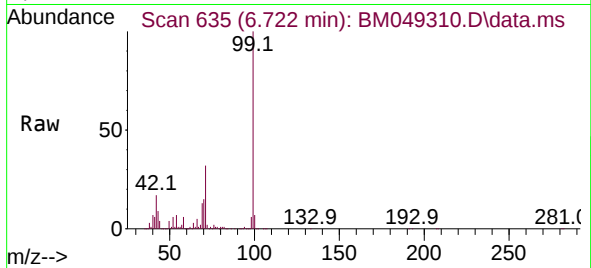




#7  
Phenol-d6  
Concen: 80.448 ng  
RT: 6.722 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

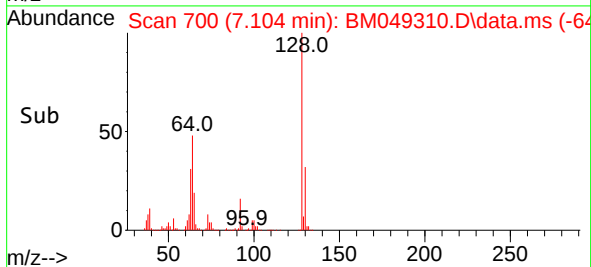
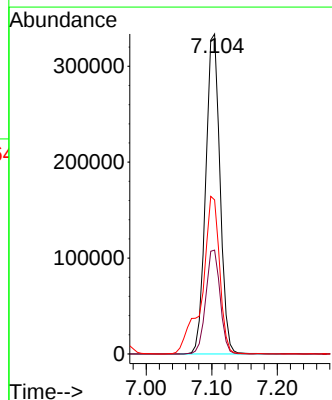
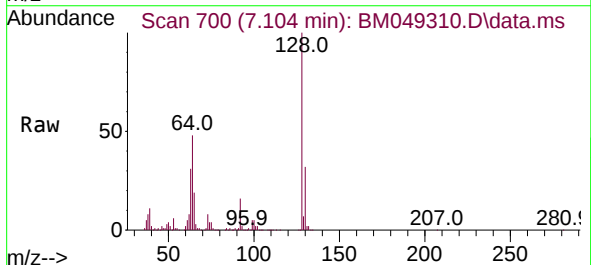
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

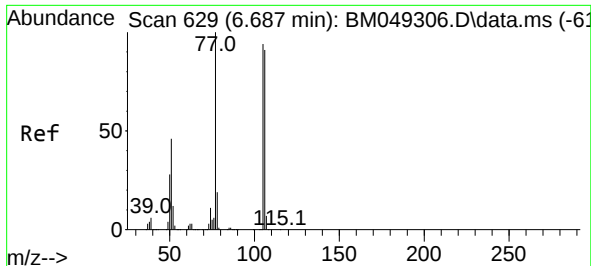
Tgt Ion: 99 Resp: 1317179  
Ion Ratio Lower Upper  
99 100  
42 17.4 13.8 20.8  
71 32.3 25.6 38.4



#8  
2-Chlorophenol  
Concen: 39.724 ng  
RT: 7.104 min Scan# 700  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion: 128 Resp: 506303  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.7 52.7  
64 48.2 29.5 69.5

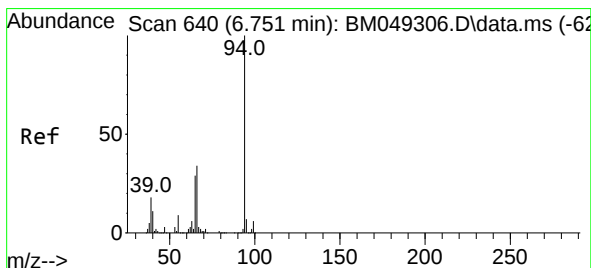
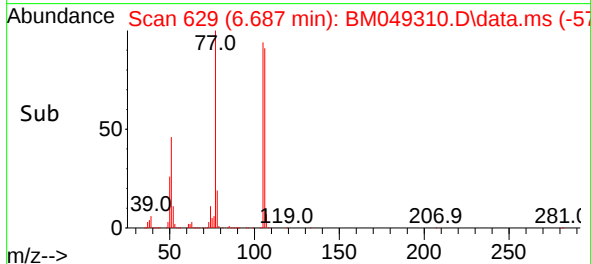
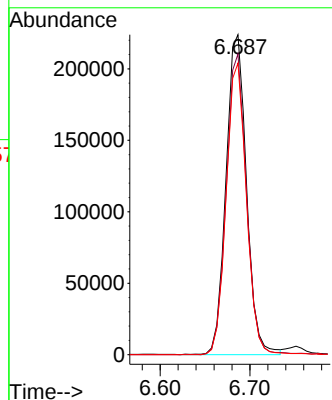
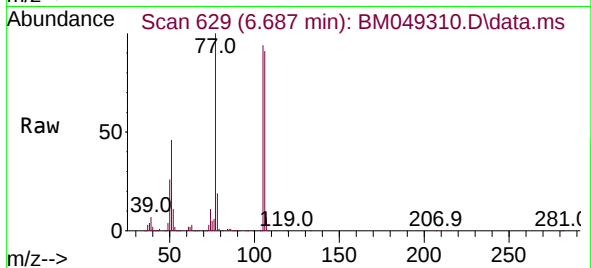




#9  
Benzaldehyde  
Concen: 38.539 ng  
RT: 6.687 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

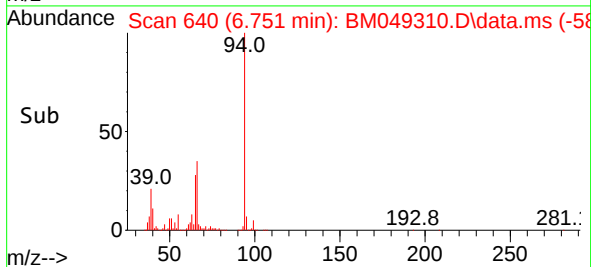
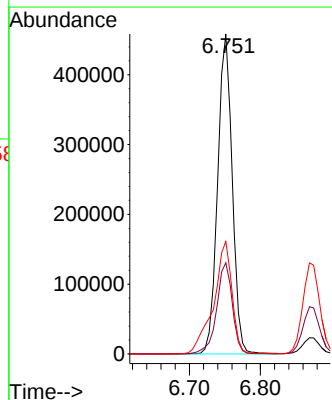
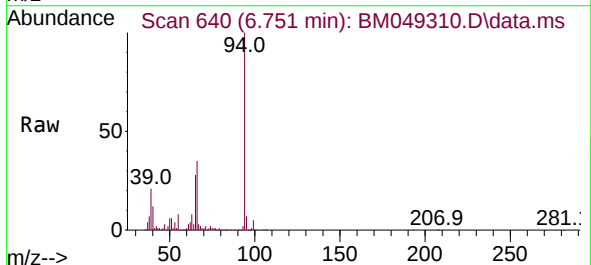
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

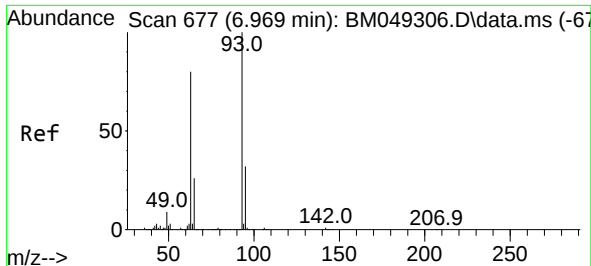
Tgt Ion: 77 Resp: 354748  
Ion Ratio Lower Upper  
77 100  
105 94.0 74.2 114.2  
106 91.1 71.5 111.5



#10  
Phenol  
Concen: 39.513 ng  
RT: 6.751 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion: 94 Resp: 650426  
Ion Ratio Lower Upper  
94 100  
65 28.5 8.8 48.8  
66 35.2 14.3 54.3

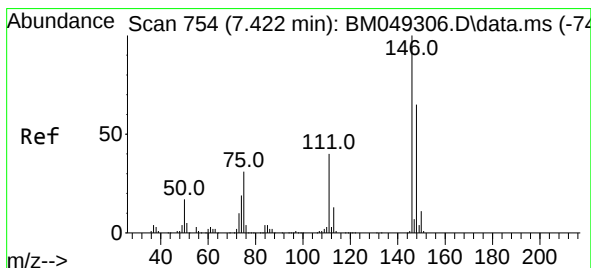
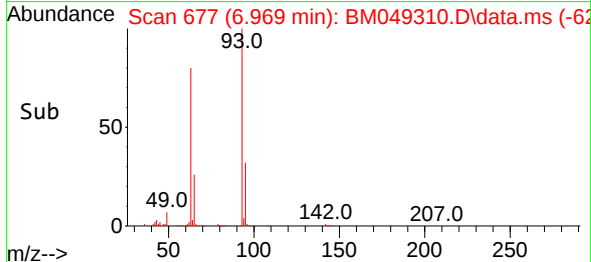
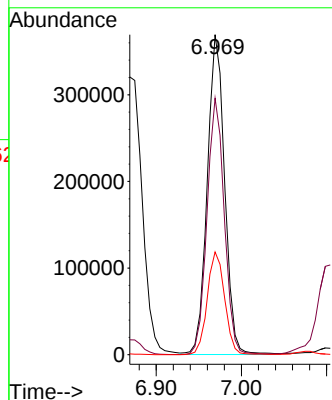
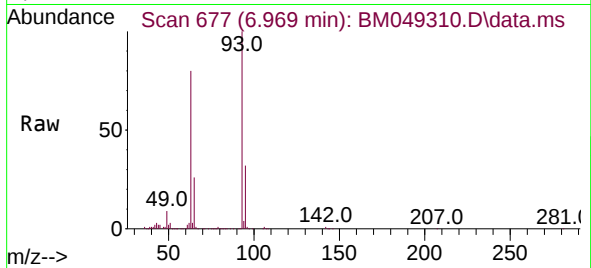




#11  
bis(2-Chloroethyl)ether  
Concen: 39.723 ng  
RT: 6.969 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

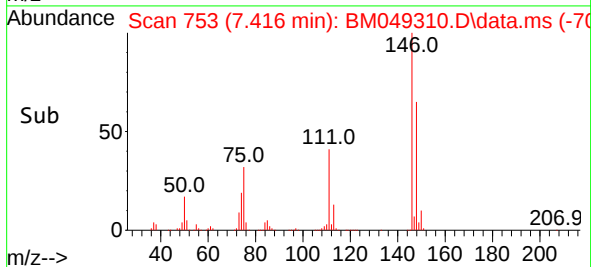
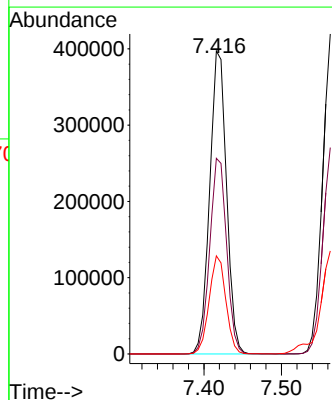
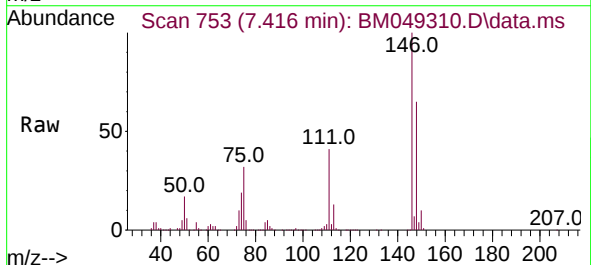
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

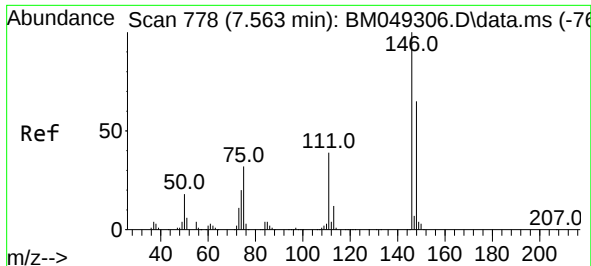
Tgt Ion: 93 Resp: 523017  
Ion Ratio Lower Upper  
93 100  
63 80.1 60.0 100.0  
95 32.1 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 39.578 ng  
RT: 7.416 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion: 146 Resp: 599518  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.7 77.5  
75 32.4 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 39.592 ng

RT: 7.563 min Scan# 778

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

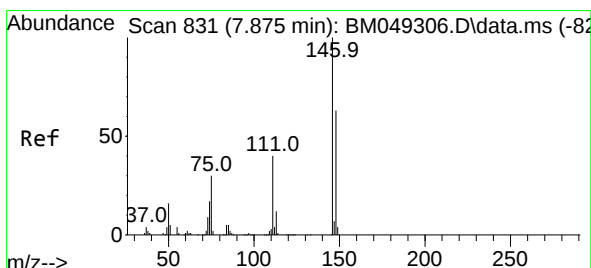
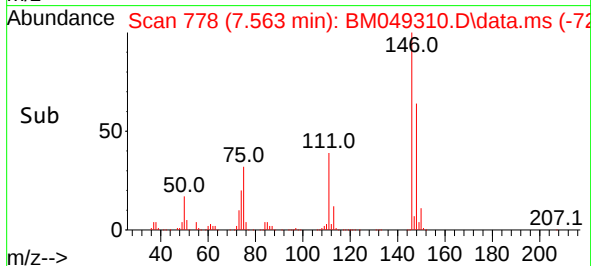
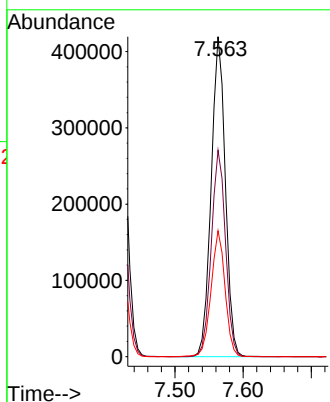
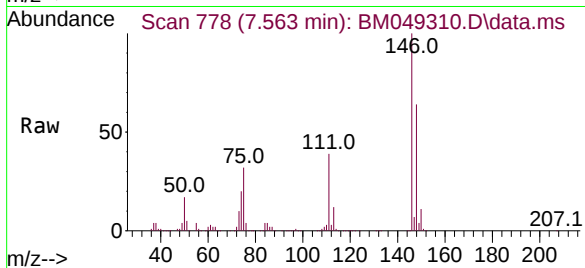
Tgt Ion:146 Resp: 606403

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

111 39.3 31.6 47.4



#14

1,2-Dichlorobenzene

Concen: 39.838 ng

RT: 7.875 min Scan# 831

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

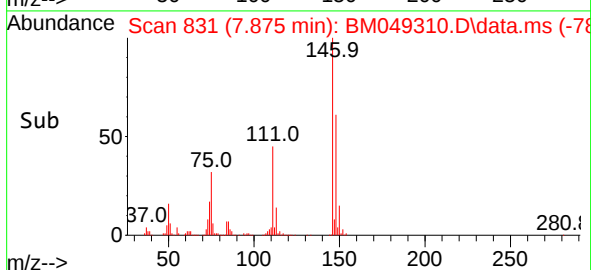
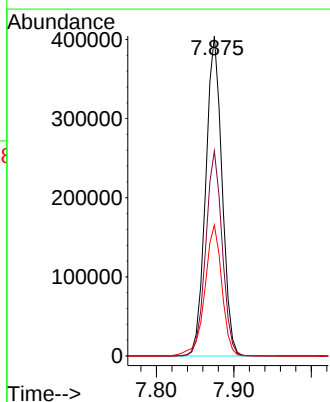
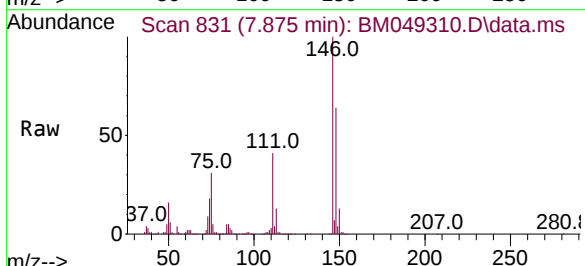
Tgt Ion:146 Resp: 590000

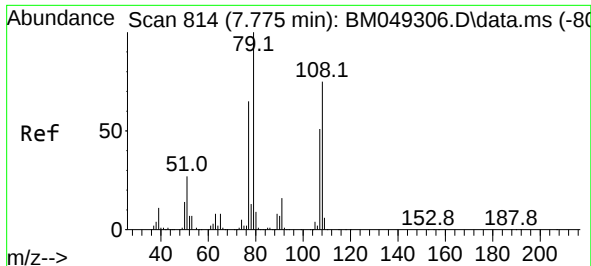
Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

111 40.9 32.3 48.5

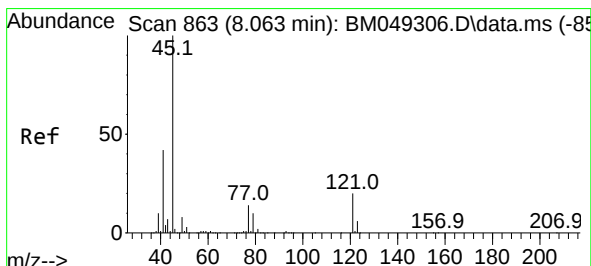
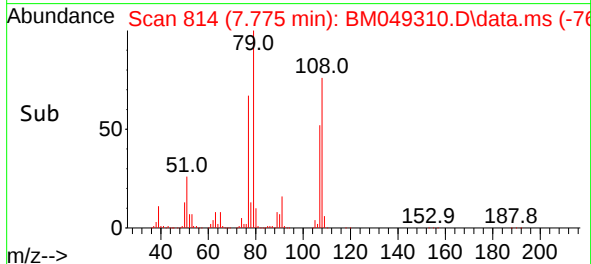
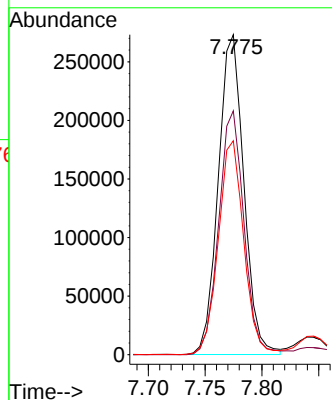
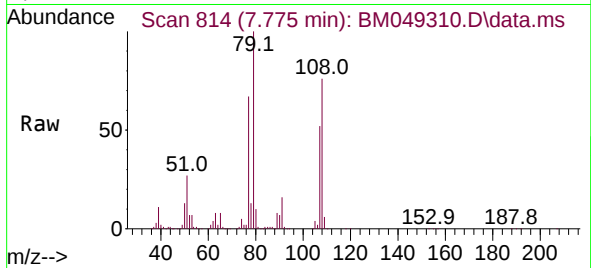




#15  
Benzyl Alcohol  
Concen: 40.588 ng  
RT: 7.775 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

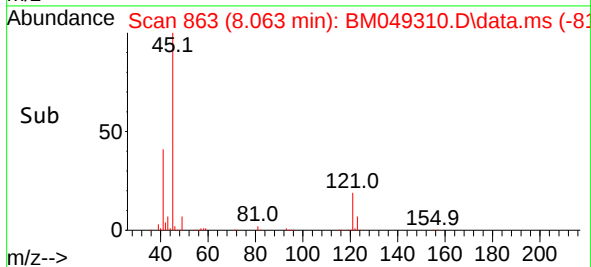
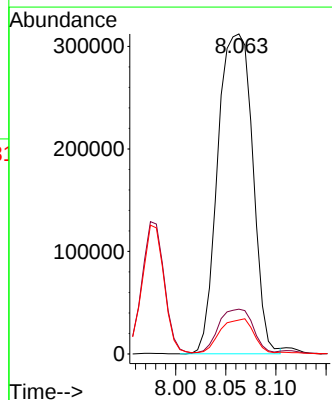
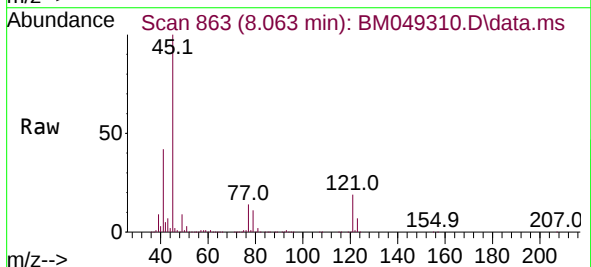
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

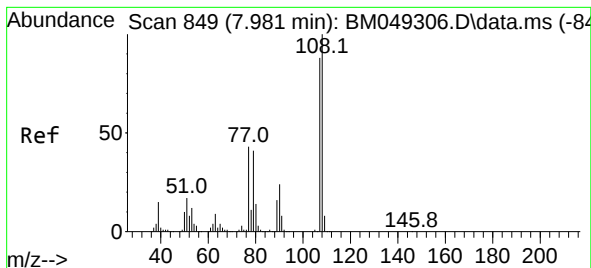
Tgt Ion: 79 Resp: 426815  
Ion Ratio Lower Upper  
79 100  
108 76.2 60.0 90.0  
77 66.8 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.686 ng  
RT: 8.063 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion: 45 Resp: 752190  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 34.2  
79 10.6 0.0 30.8

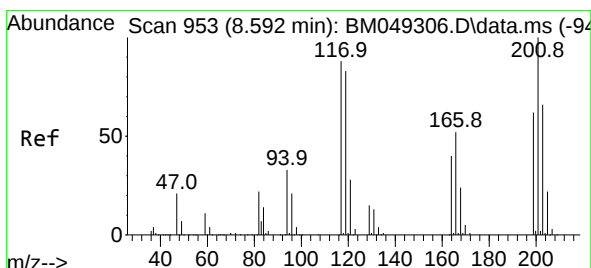
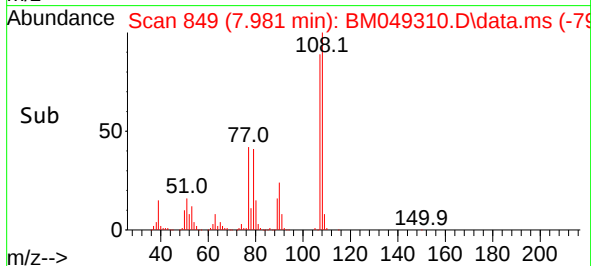
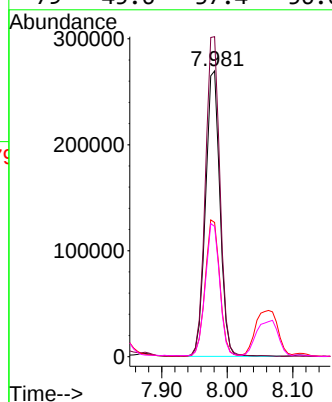
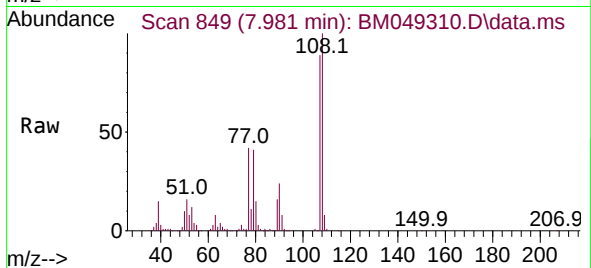




#17  
2-Methylphenol  
Concen: 40.388 ng  
RT: 7.981 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

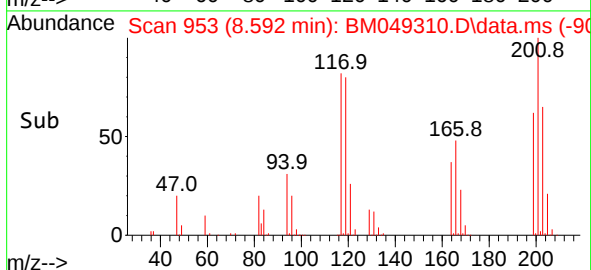
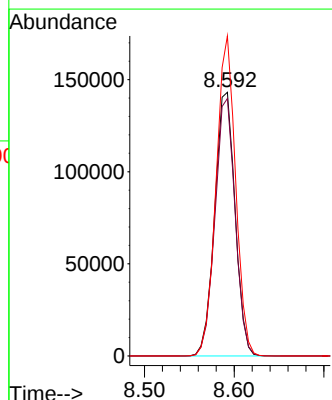
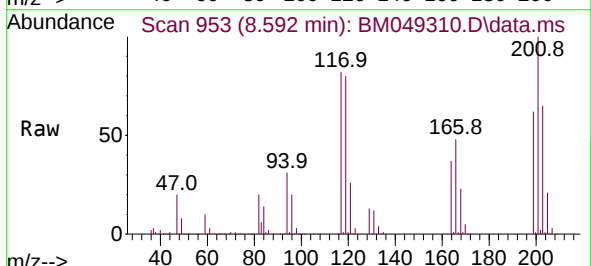
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

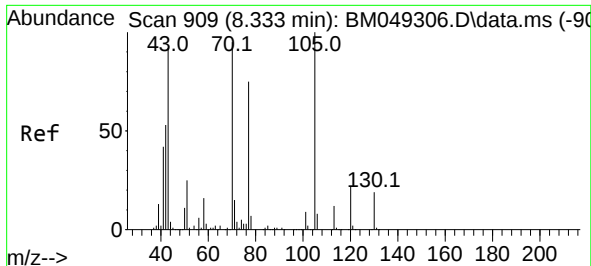
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 412997 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.0 | 91.0  | 136.4  |
| 77       | 47.0  | 39.5  | 59.3   |
| 79       | 45.6  | 37.4  | 56.0   |



#18  
Hexachloroethane  
Concen: 39.859 ng  
RT: 8.592 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 225731 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.6  | 76.2  | 114.2  |
| 201      | 121.4 | 91.2  | 136.8  |

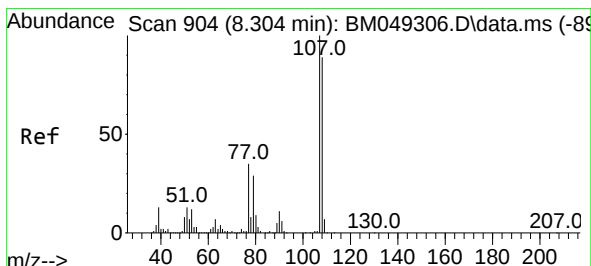
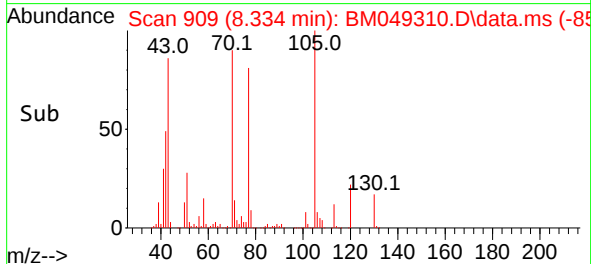
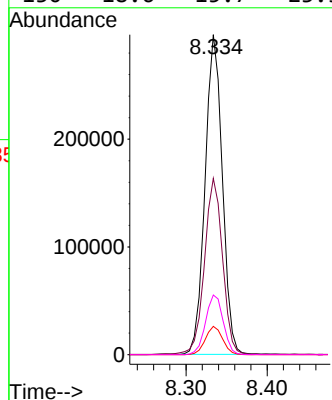
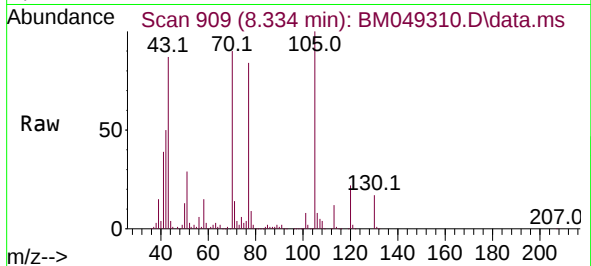




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.589 ng  
RT: 8.334 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

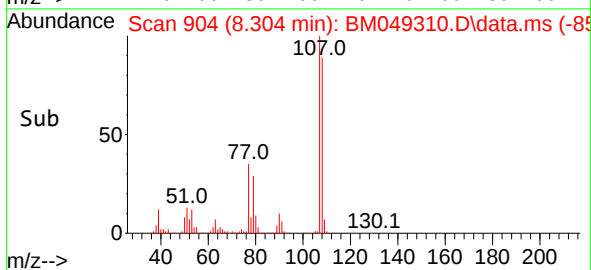
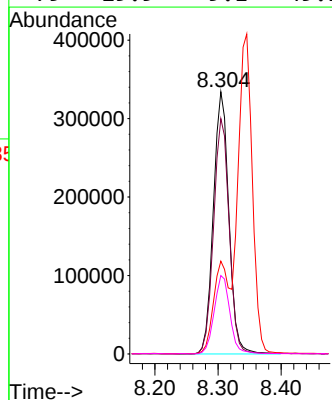
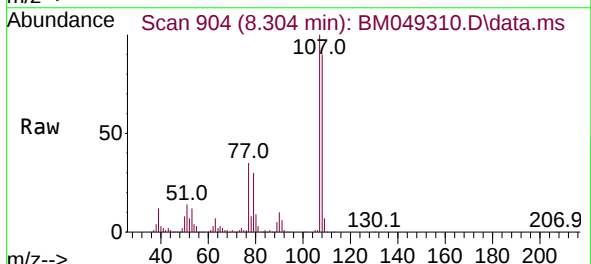
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

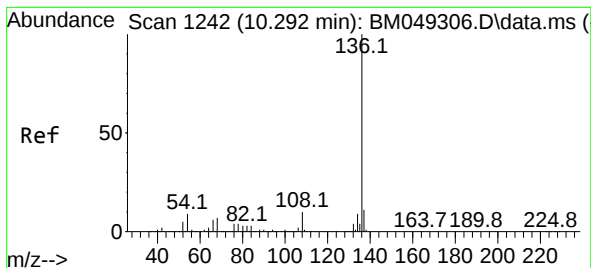
Tgt Ion: 70 Resp: 437563  
Ion Ratio Lower Upper  
70 100  
42 55.1 44.5 66.7  
101 8.8 7.2 10.8  
130 18.6 15.7 23.5



#20  
3+4-Methylphenols  
Concen: 40.646 ng  
RT: 8.304 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion: 107 Resp: 569913  
Ion Ratio Lower Upper  
107 100  
108 89.8 69.4 109.4  
77 35.4 15.1 55.1  
79 29.9 9.1 49.1

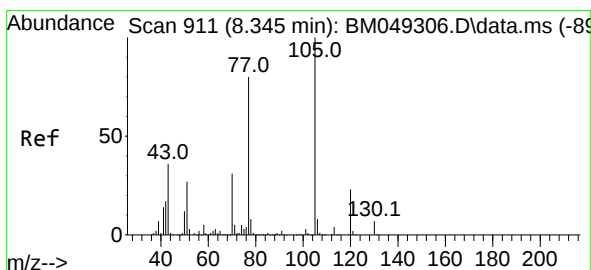
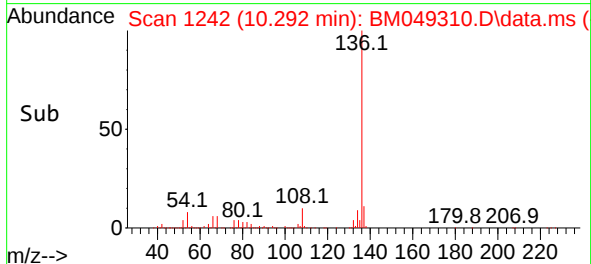
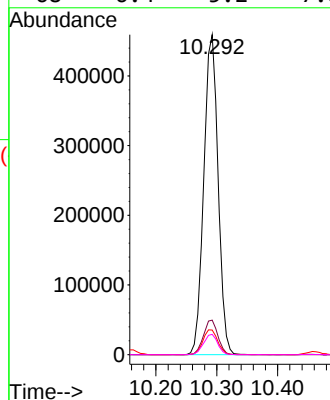
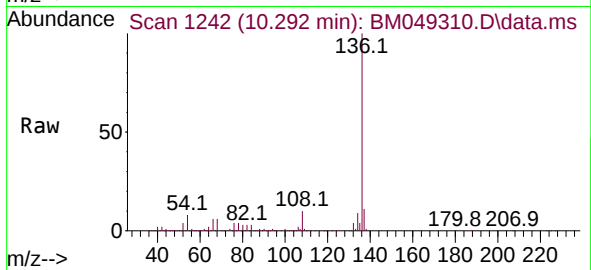




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.292 min Scan# 1242  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

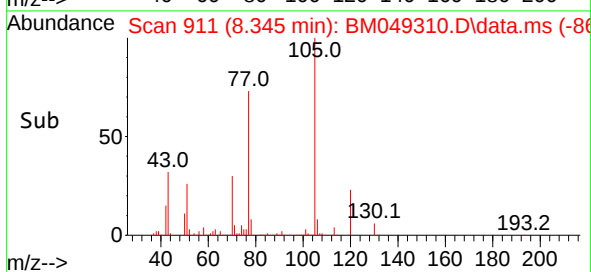
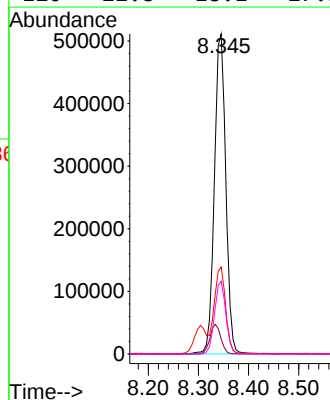
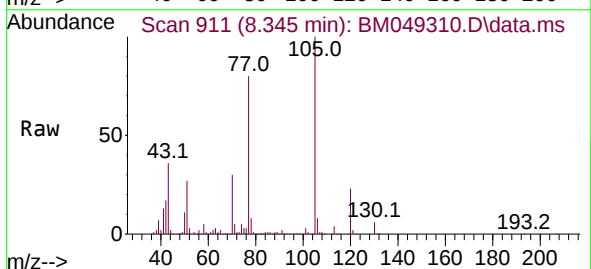
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

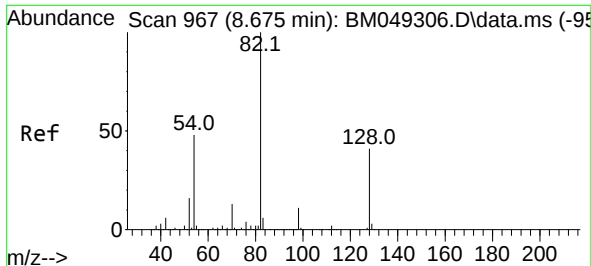
Tgt Ion:136 Resp: 747323  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 7.7 6.8 10.2  
68 6.4 5.2 7.8



#22  
Acetophenone  
Concen: 39.478 ng  
RT: 8.345 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:105 Resp: 806797  
Ion Ratio Lower Upper  
105 100  
71 4.7 3.8 5.6  
51 27.2 21.7 32.5  
120 22.8 18.1 27.1

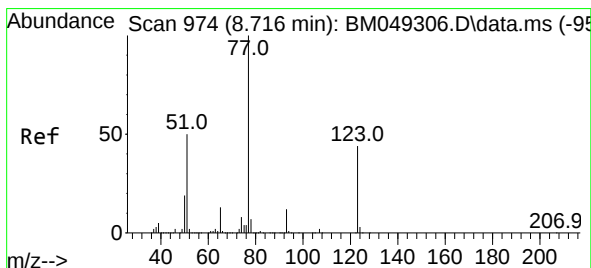
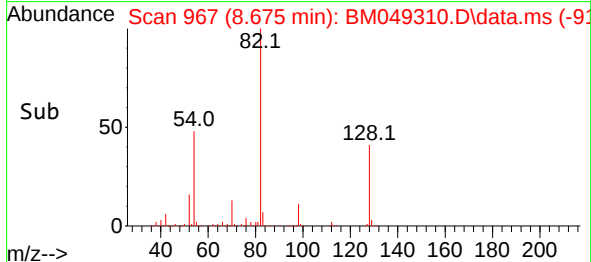
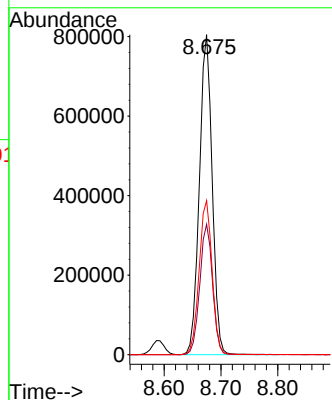
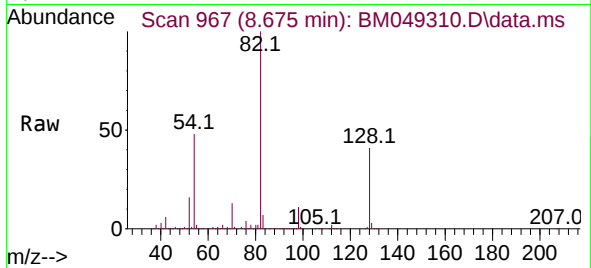




#23  
Nitrobenzene-d5  
Concen: 79.831 ng  
RT: 8.675 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

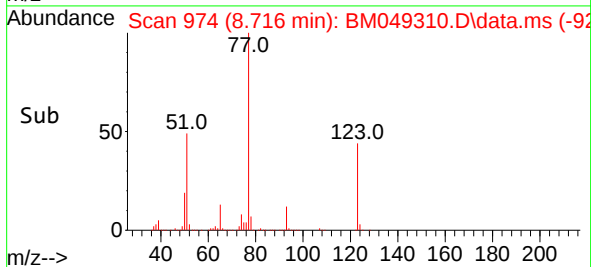
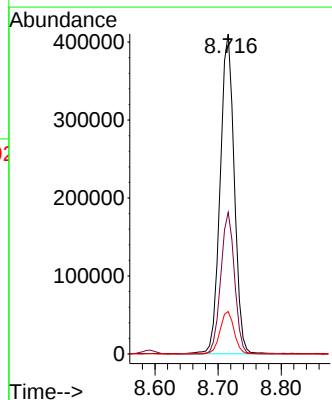
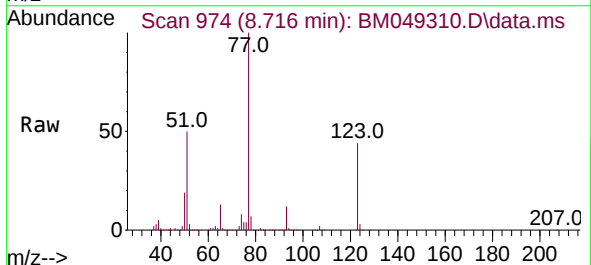
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

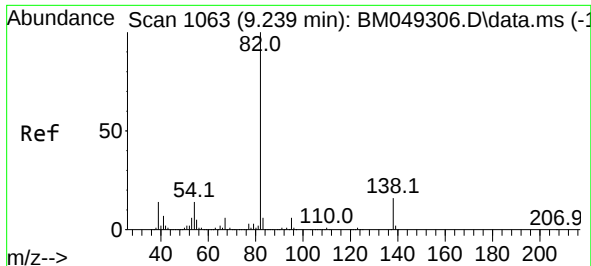
Tgt Ion: 82 Resp: 1260825  
Ion Ratio Lower Upper  
82 100  
128 40.8 32.8 49.2  
54 48.2 38.6 58.0



#24  
Nitrobenzene  
Concen: 39.464 ng  
RT: 8.716 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion: 77 Resp: 634813  
Ion Ratio Lower Upper  
77 100  
123 44.3 34.8 52.2  
65 13.2 10.6 15.8

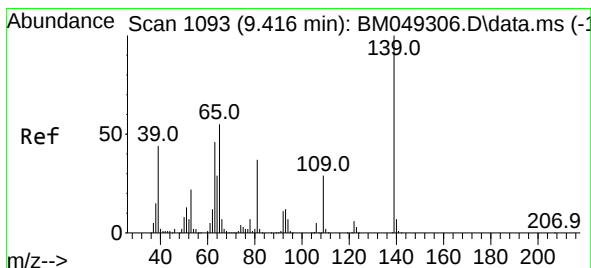
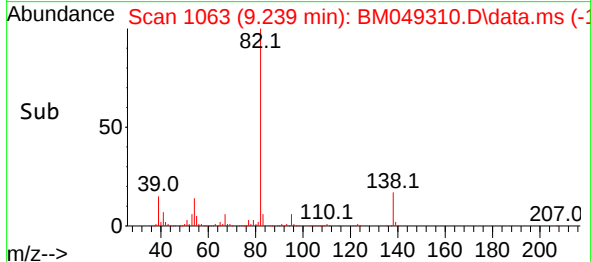
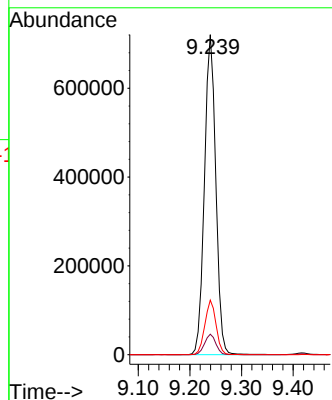
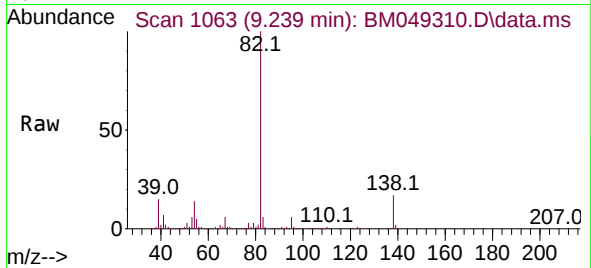




#25  
Isophorone  
Concen: 40.454 ng  
RT: 9.239 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

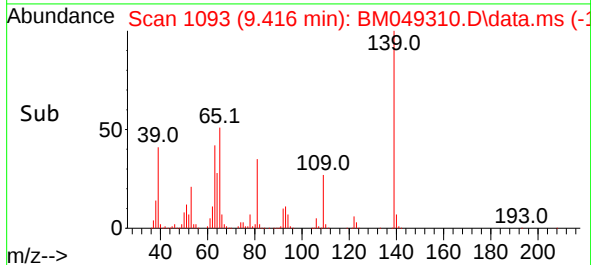
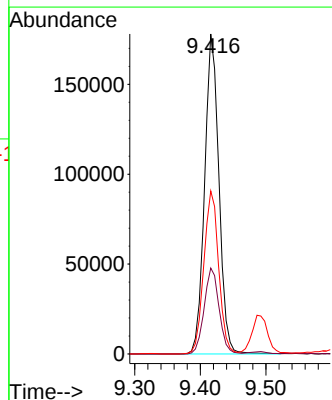
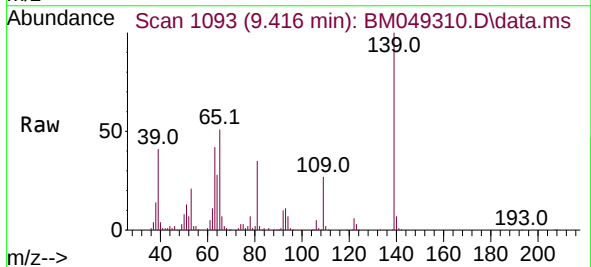
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

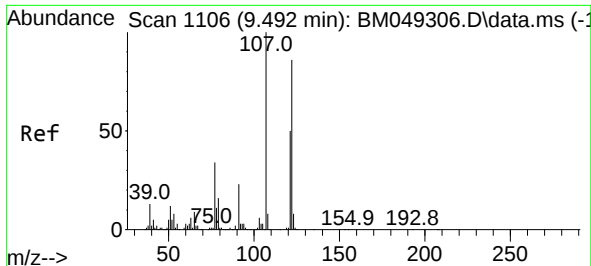
Tgt Ion: 82 Resp: 1097081  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.0 7.6  
138 17.0 13.1 19.7



#26  
2-Nitrophenol  
Concen: 41.841 ng  
RT: 9.416 min Scan# 1093  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion: 139 Resp: 270720  
Ion Ratio Lower Upper  
139 100  
109 26.8 23.2 34.8  
65 51.0 43.9 65.9

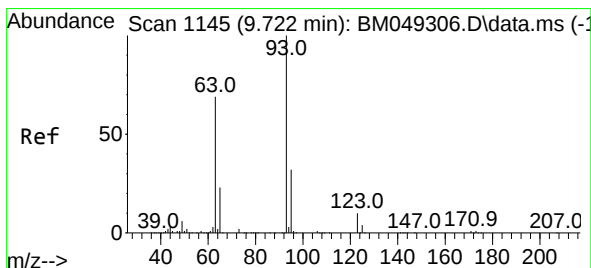
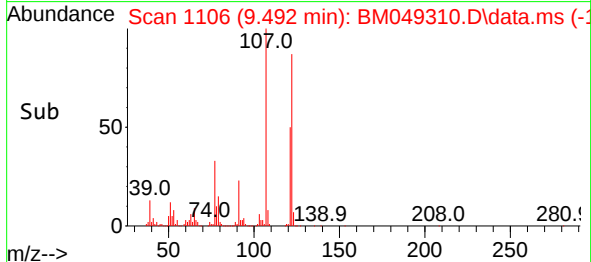
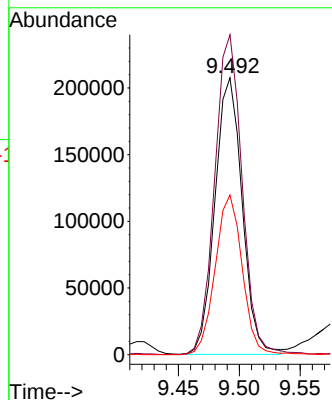
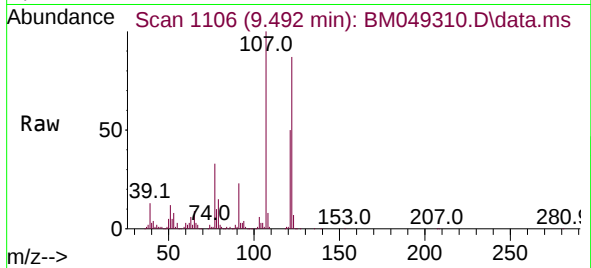




#27  
2,4-Dimethylphenol  
Concen: 40.552 ng  
RT: 9.492 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

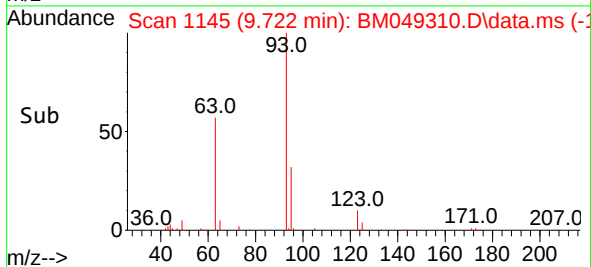
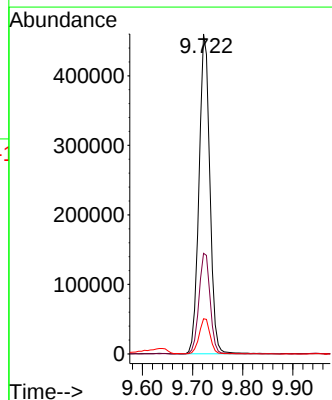
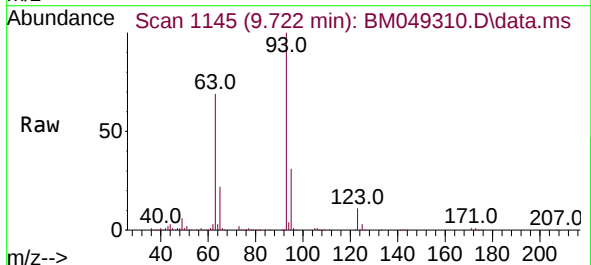
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

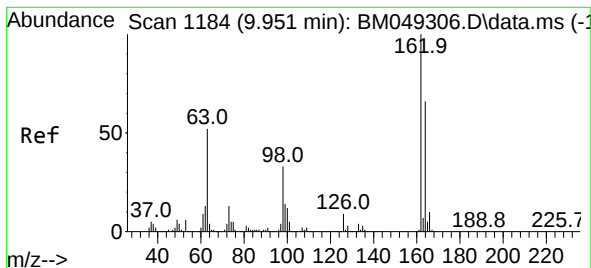
Tgt Ion:122 Resp: 322596  
Ion Ratio Lower Upper  
122 100  
107 115.6 92.7 139.1  
121 57.7 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.553 ng  
RT: 9.722 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion: 93 Resp: 688881  
Ion Ratio Lower Upper  
93 100  
95 31.5 25.6 38.4  
123 11.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 40.927 ng

RT: 9.951 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

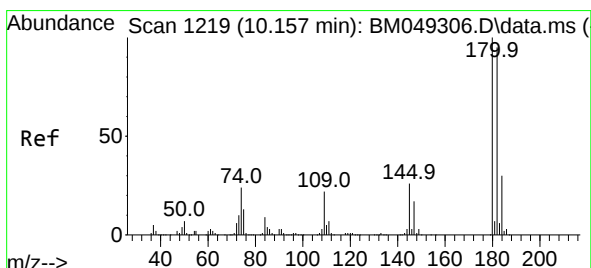
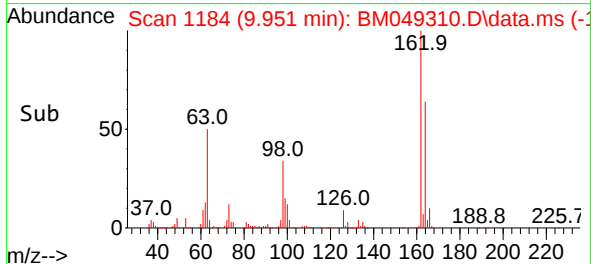
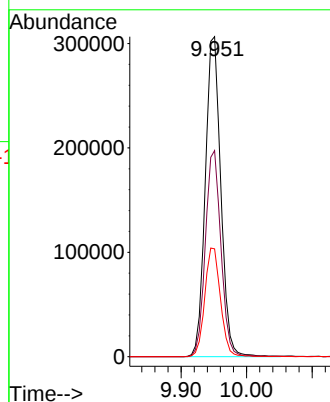
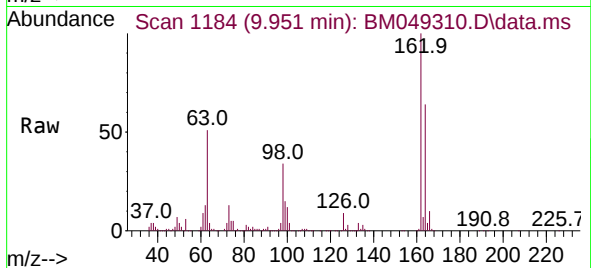
Tgt Ion:162 Resp: 506149

Ion Ratio Lower Upper

162 100

164 64.4 45.6 85.6

98 33.7 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 39.268 ng

RT: 10.157 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

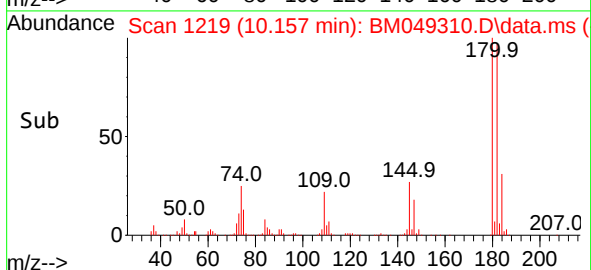
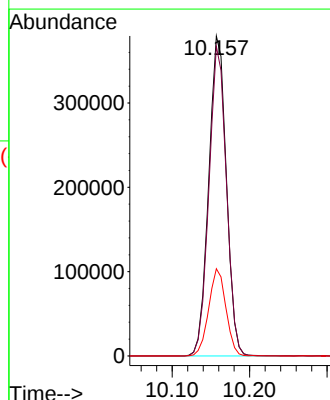
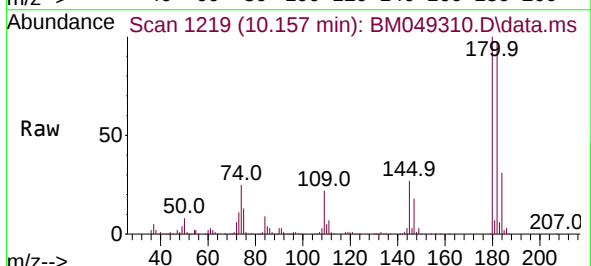
Tgt Ion:180 Resp: 599467

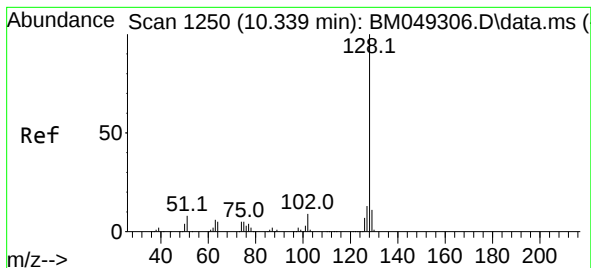
Ion Ratio Lower Upper

180 100

182 96.7 76.1 114.1

145 27.3 21.2 31.8

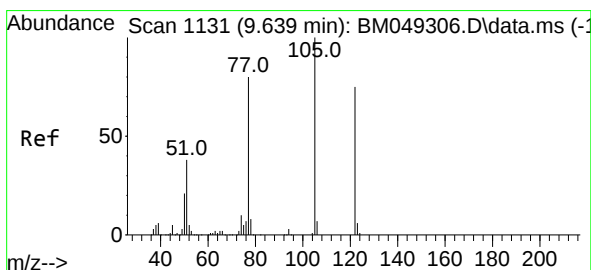
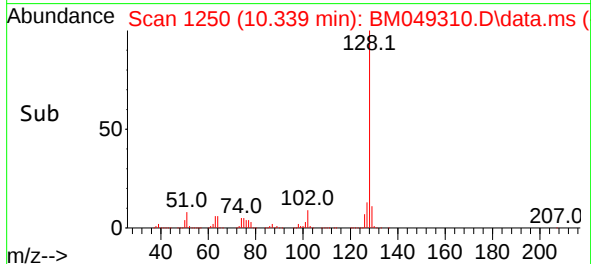
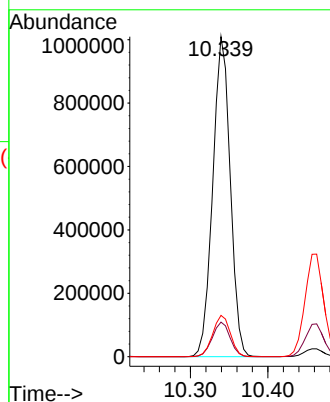
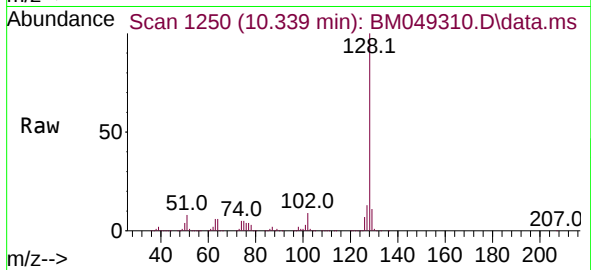




#31  
Naphthalene  
Concen: 38.947 ng  
RT: 10.339 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

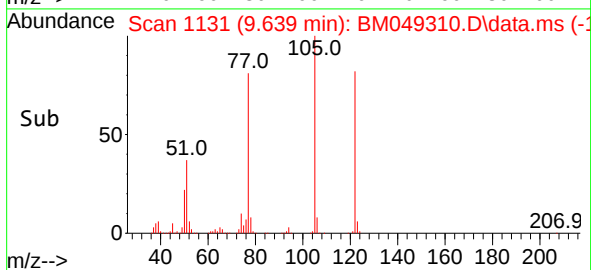
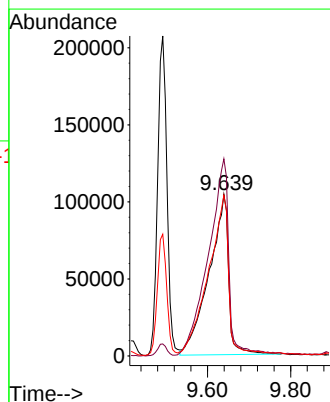
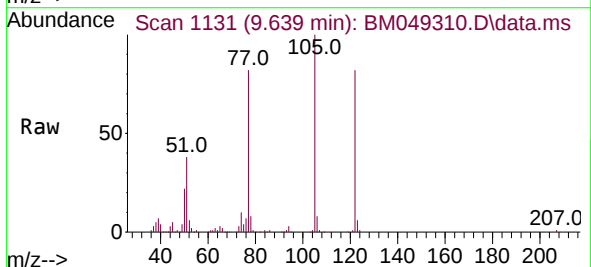
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

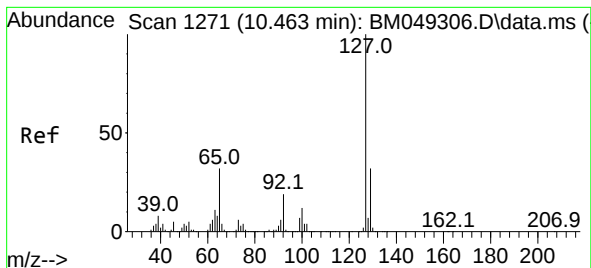
Tgt Ion:128 Resp: 1582221  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 13.0  
127 12.9 10.3 15.5



#32  
Benzoic acid  
Concen: 40.731 ng  
RT: 9.639 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:122 Resp: 340730  
Ion Ratio Lower Upper  
122 100  
105 122.1 109.9 149.9  
77 99.6 84.3 124.3

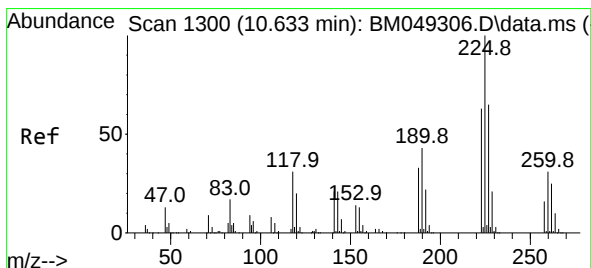
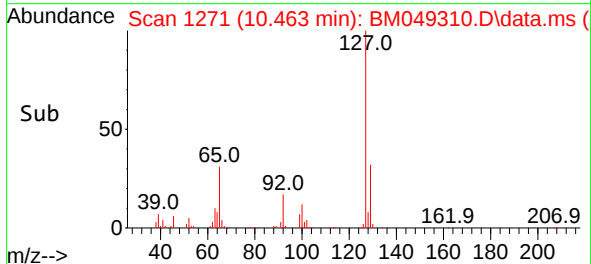
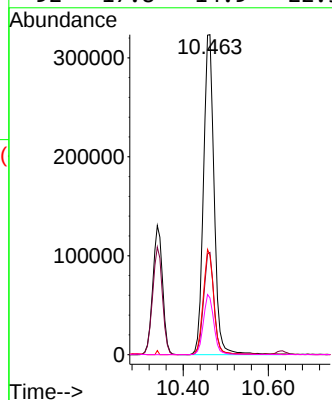
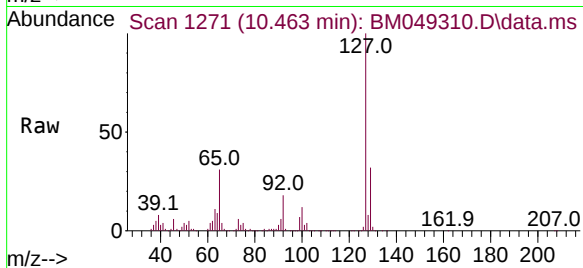




#33  
4-Chloroaniline  
Concen: 40.524 ng  
RT: 10.463 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

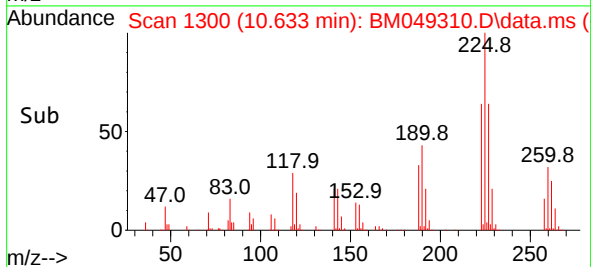
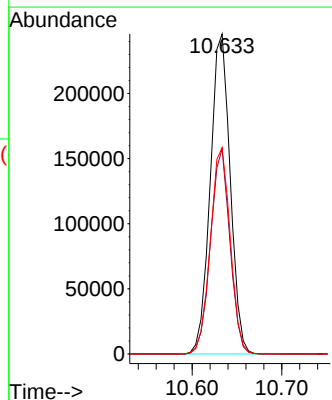
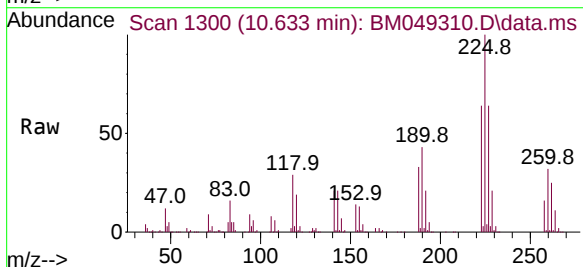
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

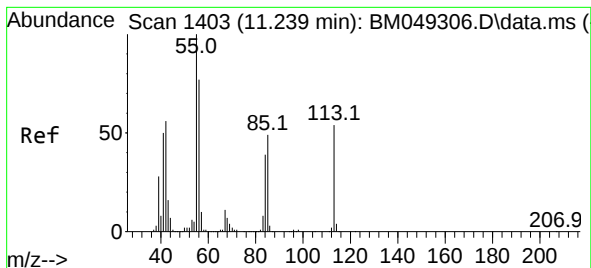
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 562859 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.8  | 38.6   |
| 65       | 31.0  | 25.8  | 38.6   |
| 92       | 17.8  | 14.9  | 22.3   |



#34  
Hexachlorobutadiene  
Concen: 39.211 ng  
RT: 10.633 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 378404 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.0  | 50.2  | 75.2   |
| 227      | 64.5  | 52.1  | 78.1   |

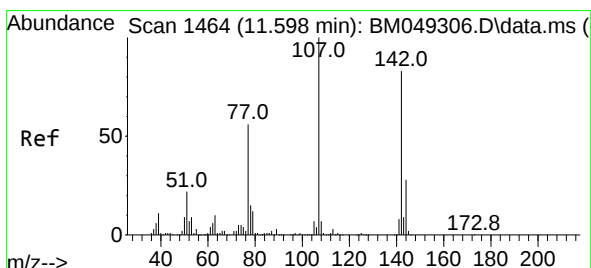
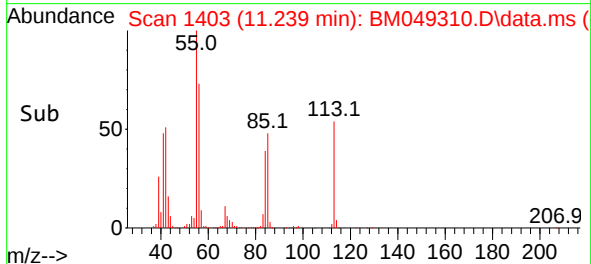
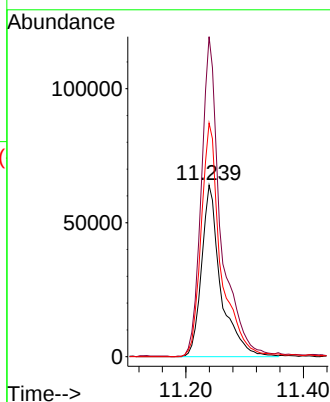
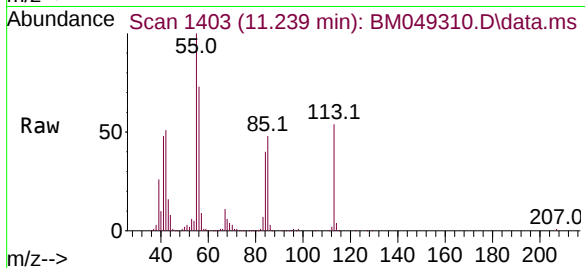




#35  
 Caprolactam  
 Concen: 41.438 ng  
 RT: 11.239 min Scan# 1403  
 Delta R.T. 0.000 min  
 Lab File: BM049310.D  
 Acq: 31 Dec 2024 18:27

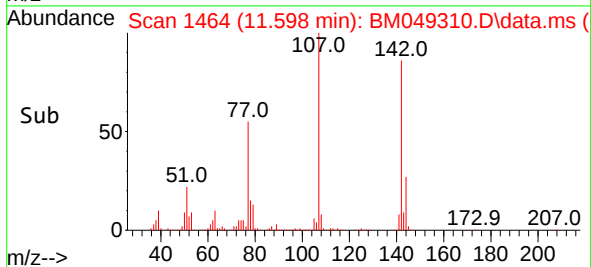
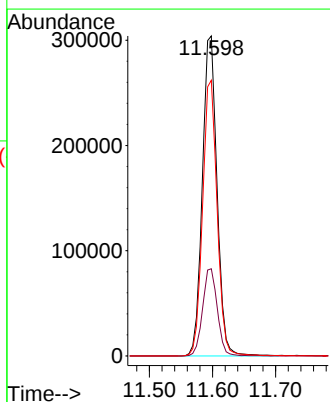
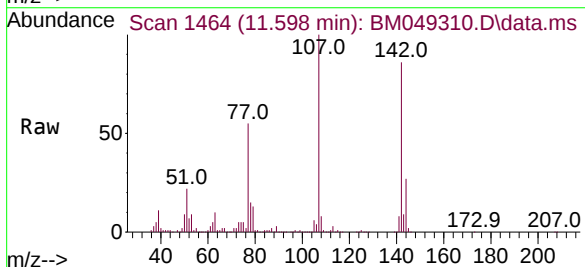
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM123124

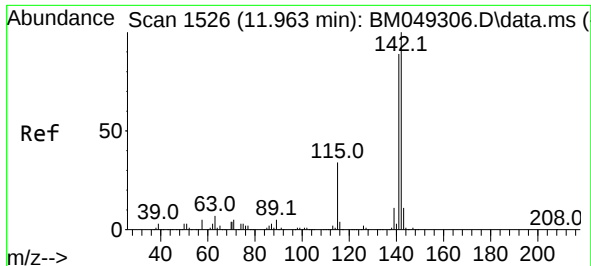
Tgt Ion:113 Resp: 145087  
 Ion Ratio Lower Upper  
 113 100  
 55 186.6 167.3 207.3  
 56 136.3 124.6 164.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.603 ng  
 RT: 11.598 min Scan# 1464  
 Delta R.T. 0.000 min  
 Lab File: BM049310.D  
 Acq: 31 Dec 2024 18:27

Tgt Ion:107 Resp: 490102  
 Ion Ratio Lower Upper  
 107 100  
 144 27.2 22.3 33.5  
 142 86.2 66.6 99.8

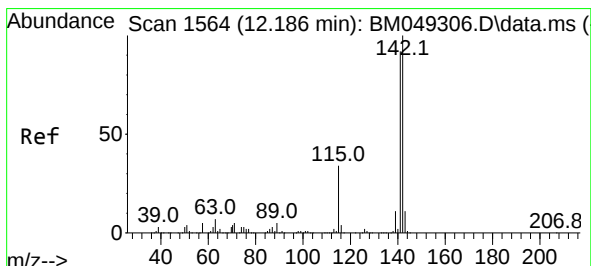
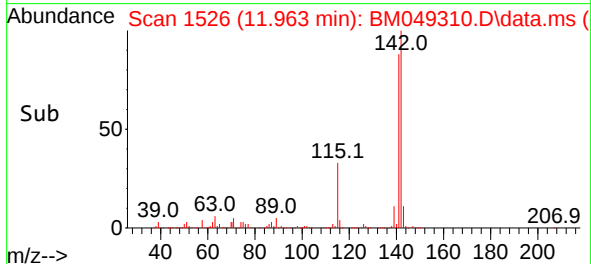
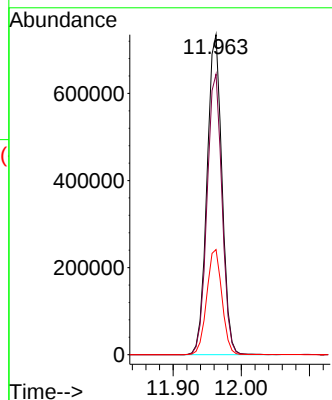
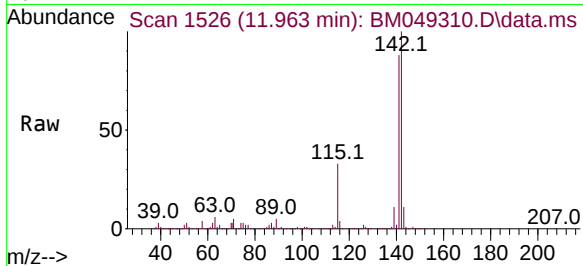




#37  
2-Methylnaphthalene  
Concen: 40.186 ng  
RT: 11.963 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

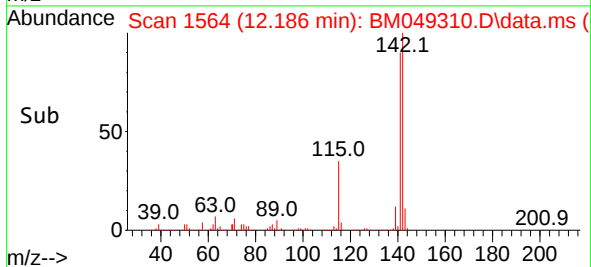
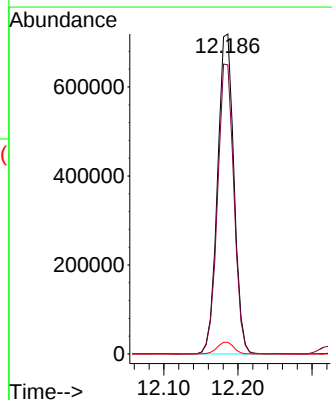
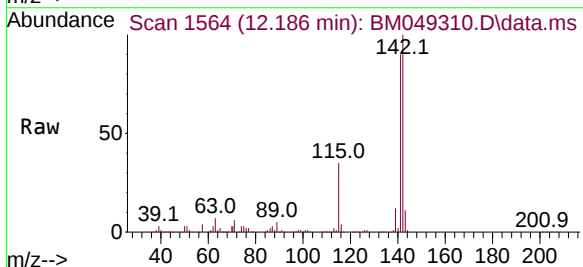
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

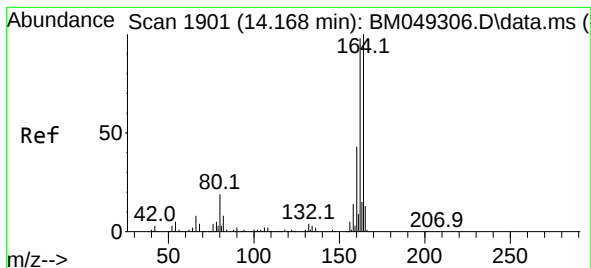
Tgt Ion:142 Resp: 1121785  
Ion Ratio Lower Upper  
142 100  
141 87.7 71.0 106.6  
115 32.8 27.1 40.7



#38  
1-Methylnaphthalene  
Concen: 39.977 ng  
RT: 12.186 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:142 Resp: 1106261  
Ion Ratio Lower Upper  
142 100  
141 90.3 73.3 109.9  
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.169 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

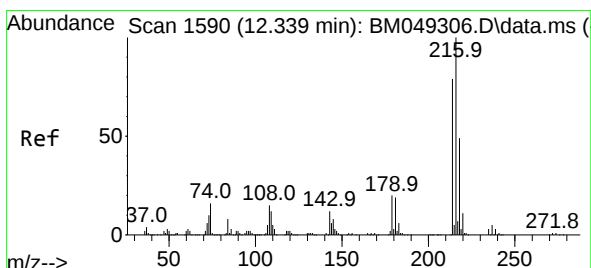
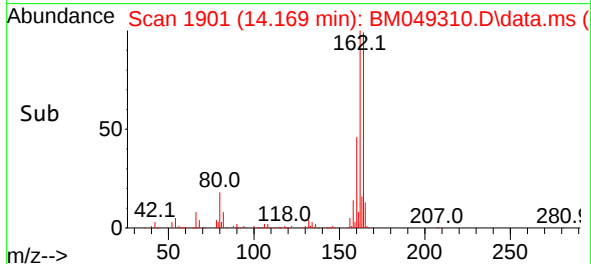
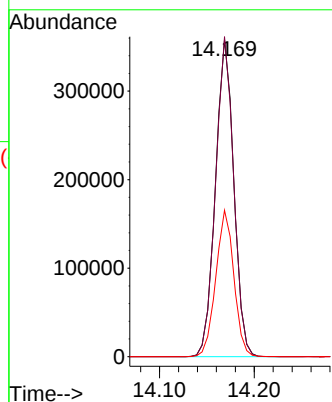
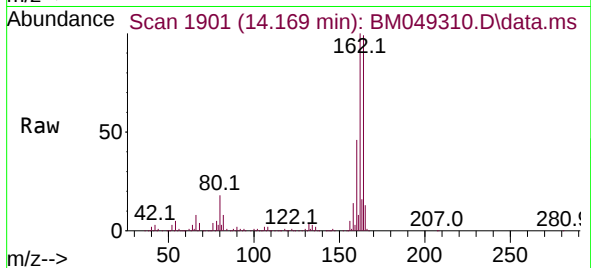
Tgt Ion:164 Resp: 482842

Ion Ratio Lower Upper

164 100

162 100.9 78.4 117.6

160 46.2 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.753 ng

RT: 12.339 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Tgt Ion:216 Resp: 650965

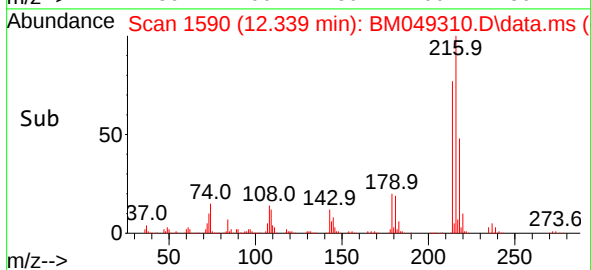
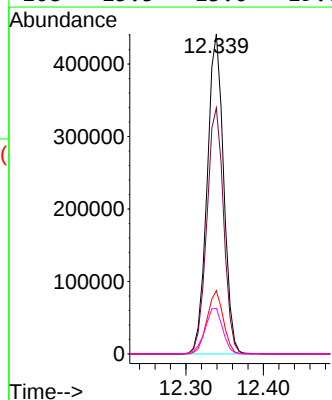
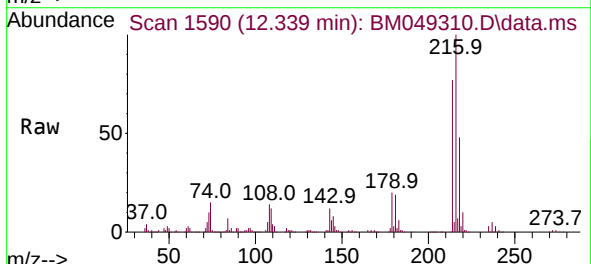
Ion Ratio Lower Upper

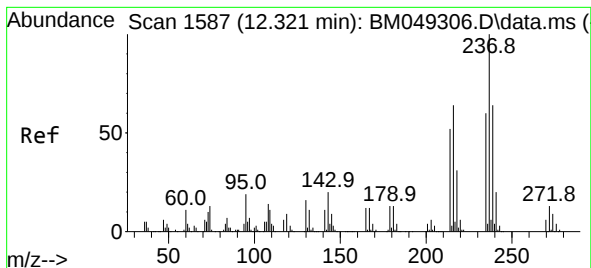
216 100

214 78.1 62.7 94.1

179 19.6 15.8 23.8

108 15.5 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 39.833 ng

RT: 12.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

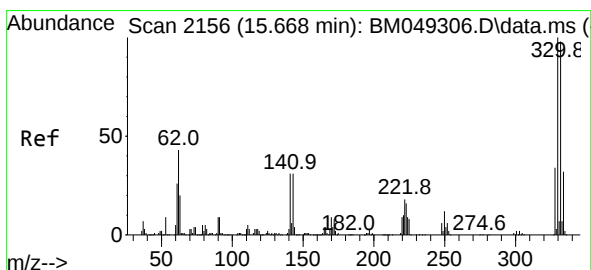
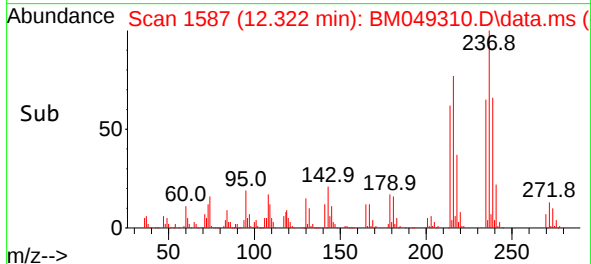
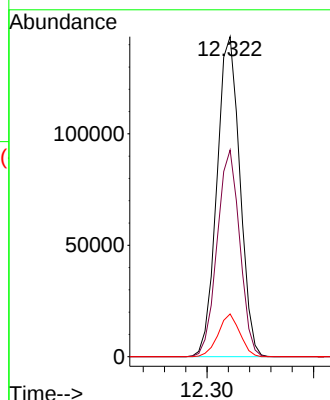
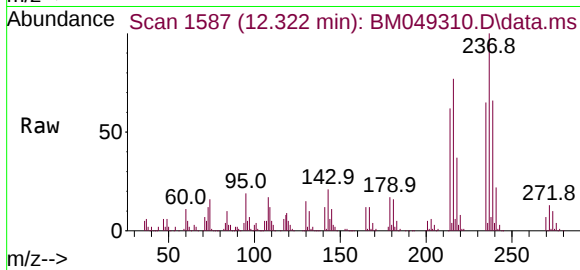
Tgt Ion:237 Resp: 214758

Ion Ratio Lower Upper

237 100

235 64.6 39.8 79.8

272 13.3 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 81.560 ng

RT: 15.668 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

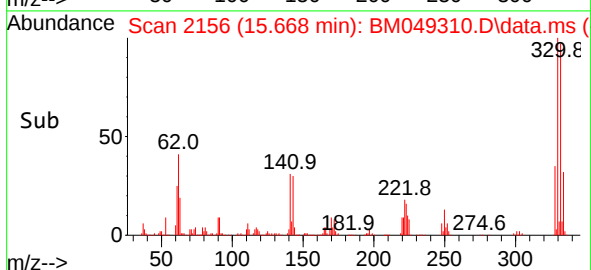
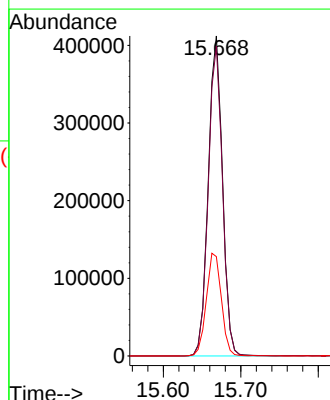
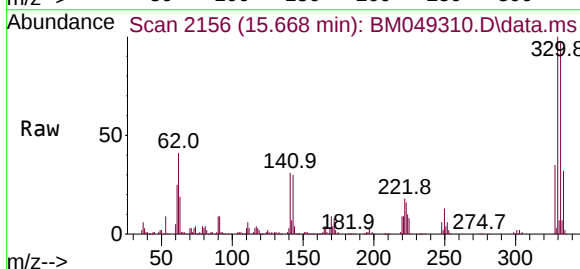
Tgt Ion:330 Resp: 525877

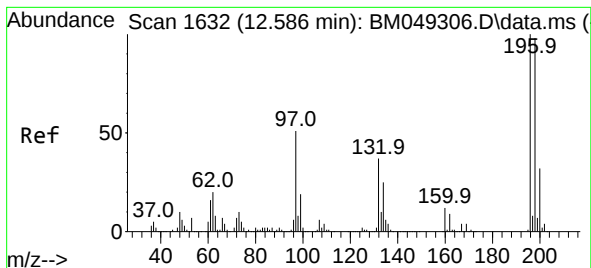
Ion Ratio Lower Upper

330 100

332 97.1 77.9 116.9

141 34.0 27.2 40.8





#43

2,4,6-Trichlorophenol

Concen: 40.525 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

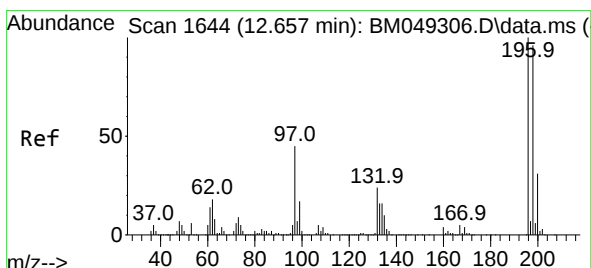
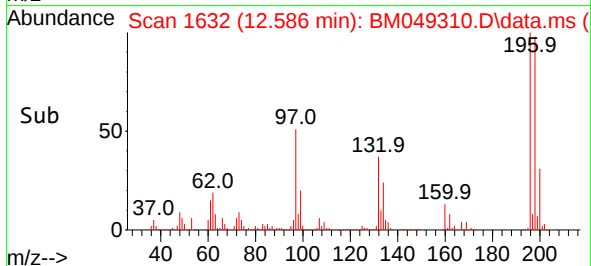
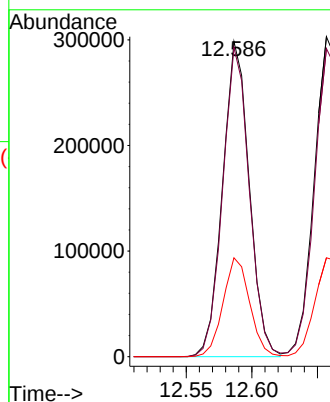
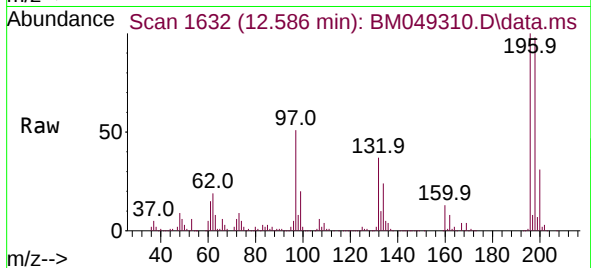
Tgt Ion:196 Resp: 422857

Ion Ratio Lower Upper

196 100

198 98.0 78.6 117.8

200 31.4 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 40.416 ng

RT: 12.657 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Tgt Ion:196 Resp: 468969

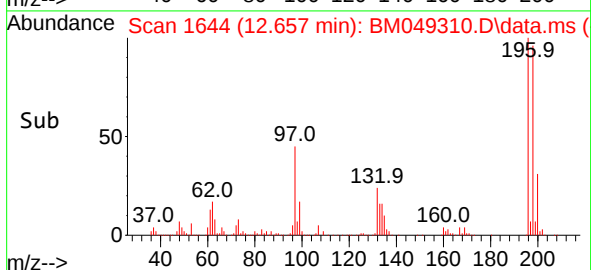
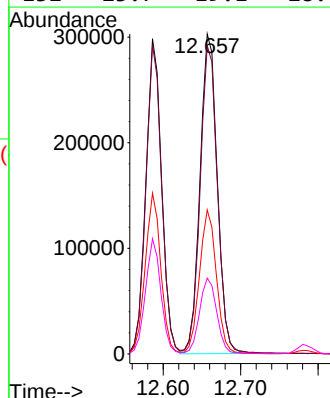
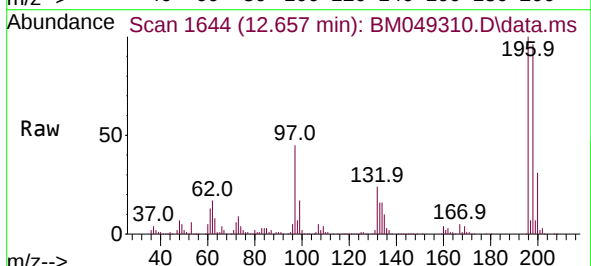
Ion Ratio Lower Upper

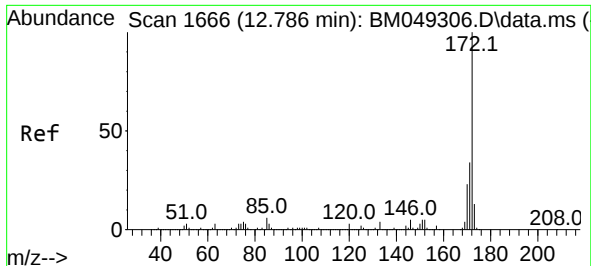
196 100

198 96.3 76.6 114.8

97 45.0 36.0 54.0

132 23.7 19.1 28.7

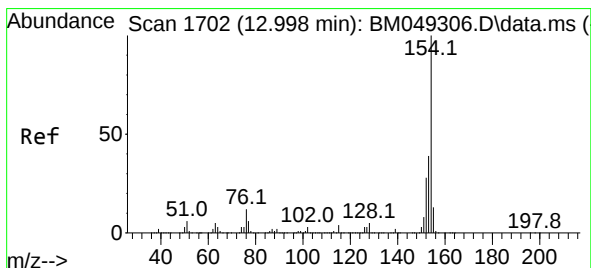
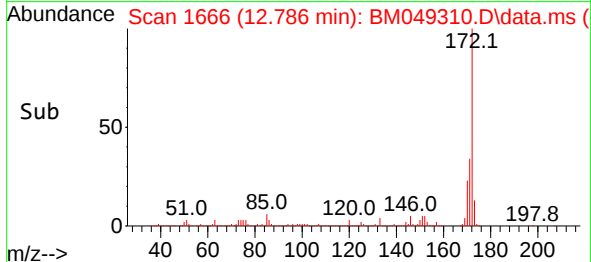
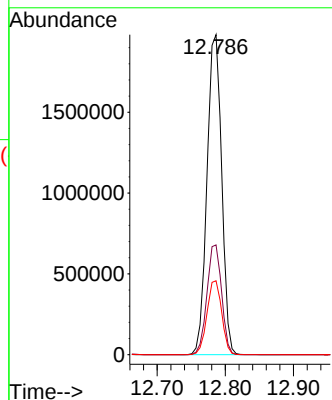
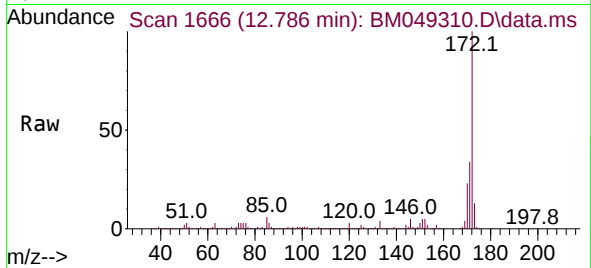




#45  
2-Fluorobiphenyl  
Concen: 79.975 ng  
RT: 12.786 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

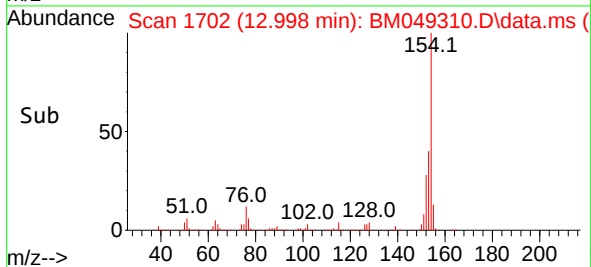
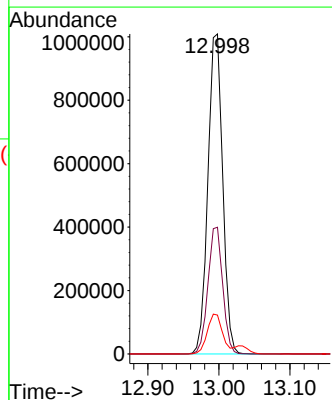
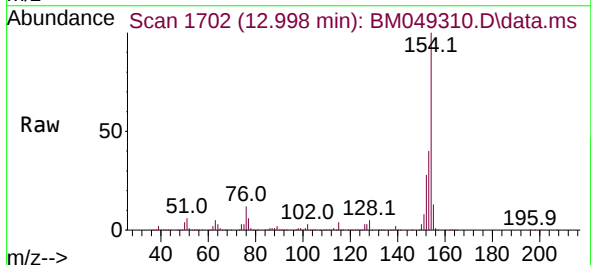
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

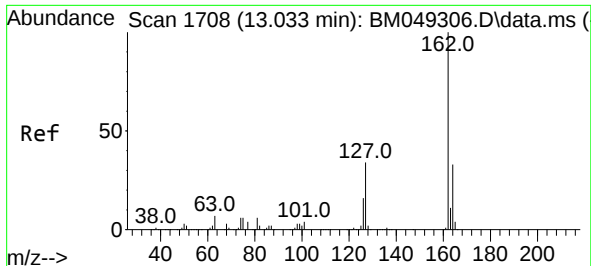
Tgt Ion:172 Resp: 2963379  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.6 41.4  
170 23.1 18.4 27.6



#46  
1,1'-Biphenyl  
Concen: 39.869 ng  
RT: 12.998 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:154 Resp: 1460125  
Ion Ratio Lower Upper  
154 100  
153 39.6 19.2 59.2  
76 12.1 0.0 32.0

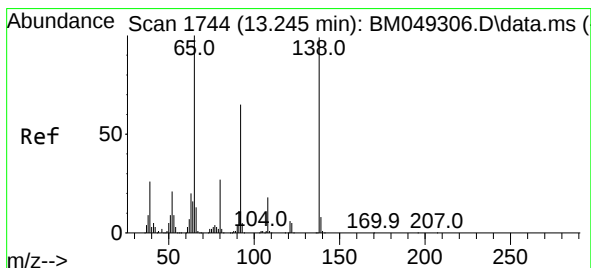
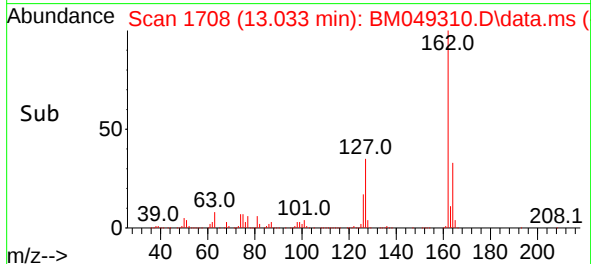
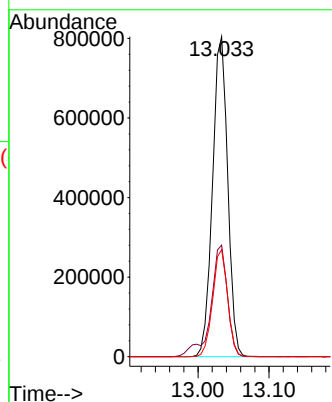
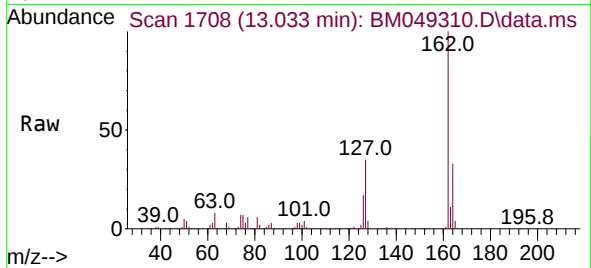




#47  
2-Chloronaphthalene  
Concen: 39.654 ng  
RT: 13.033 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

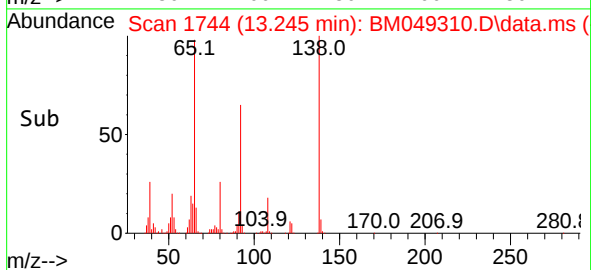
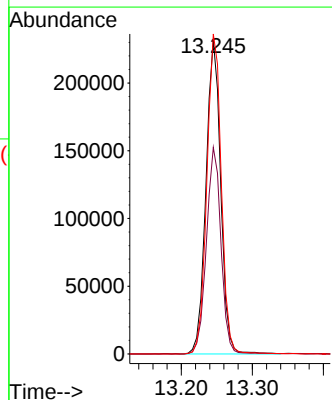
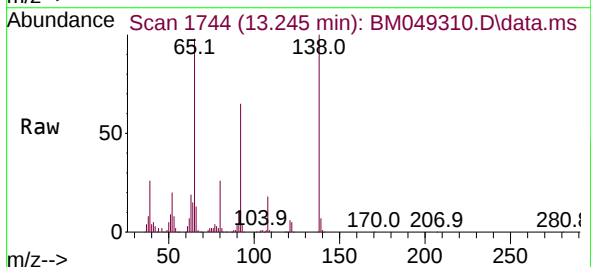
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

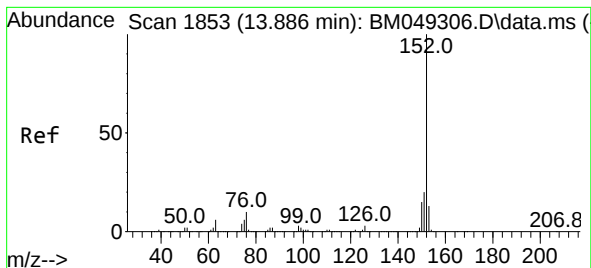
Tgt Ion:162 Resp: 1193536  
Ion Ratio Lower Upper  
162 100  
127 34.8 27.8 41.8  
164 33.5 26.2 39.4



#48  
2-Nitroaniline  
Concen: 41.984 ng  
RT: 13.245 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion: 65 Resp: 334203  
Ion Ratio Lower Upper  
65 100  
92 65.8 52.1 78.1  
138 102.0 79.2 118.8





#49

Acenaphthylene

Concen: 39.992 ng

RT: 13.886 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

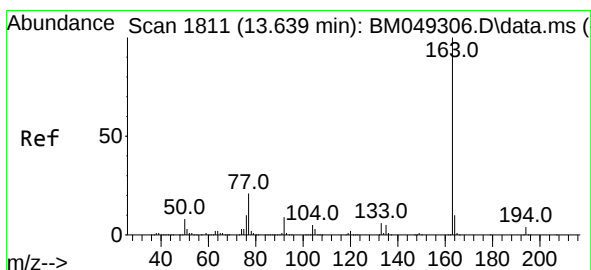
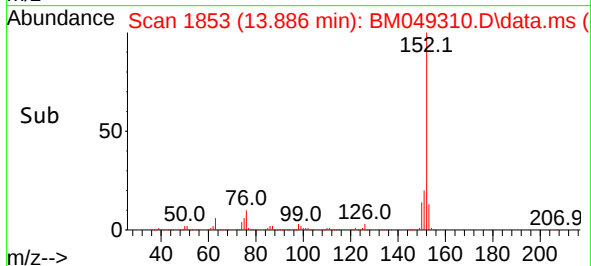
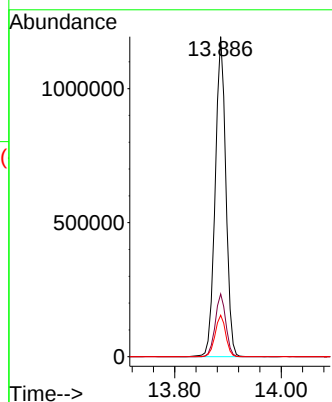
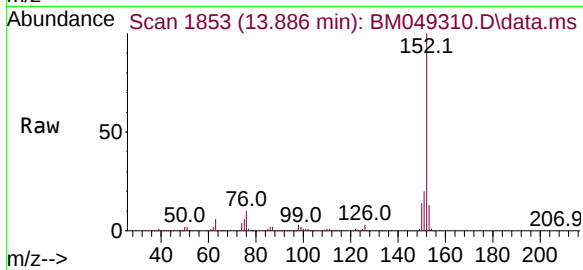
Tgt Ion:152 Resp: 1652575

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 39.553 ng

RT: 13.639 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

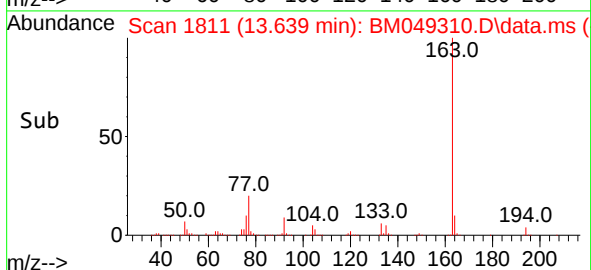
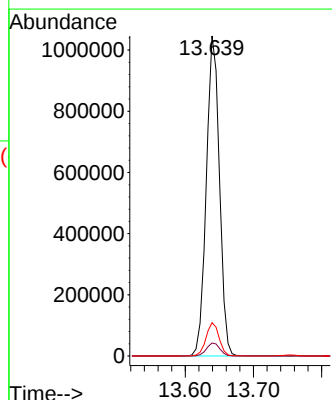
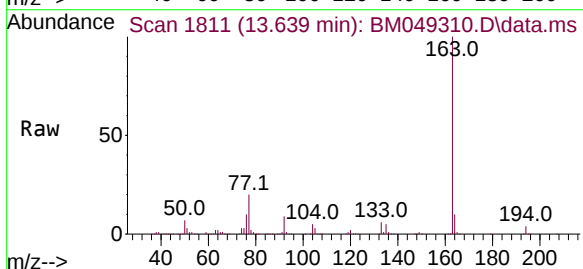
Tgt Ion:163 Resp: 1400747

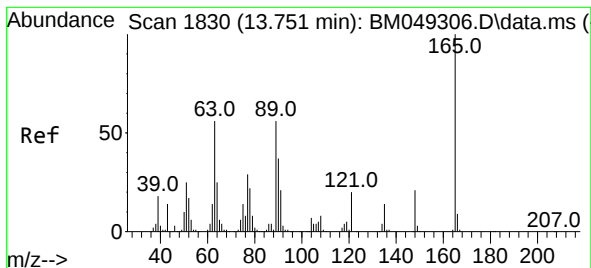
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.4 12.6

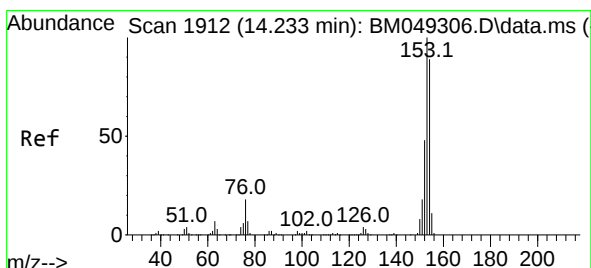
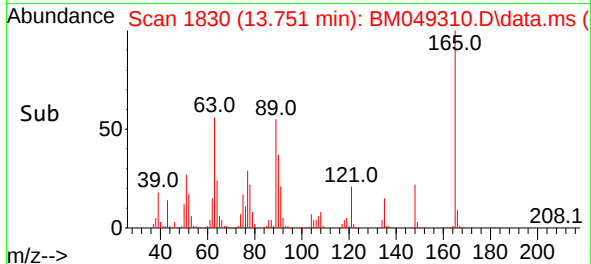
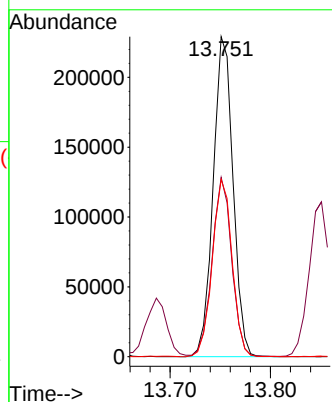
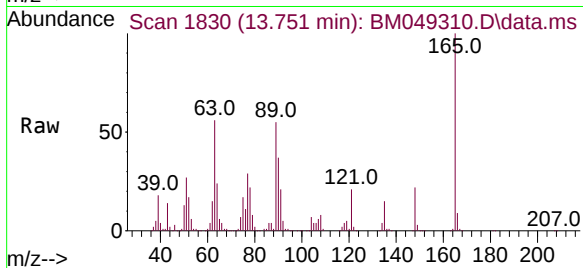




#51  
2,6-Dinitrotoluene  
Concen: 41.047 ng  
RT: 13.751 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

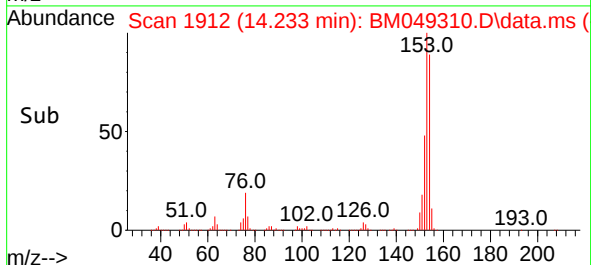
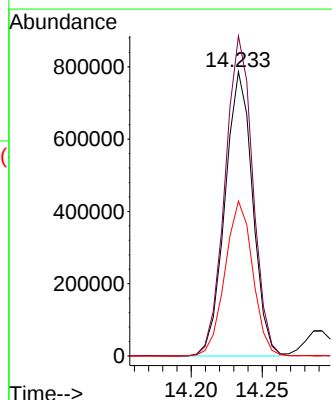
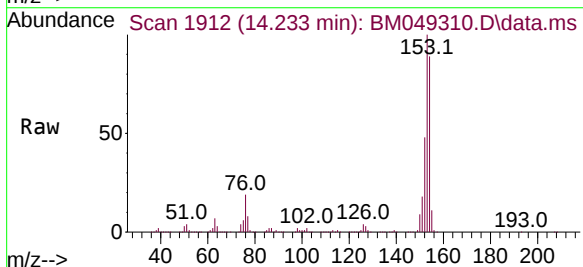
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

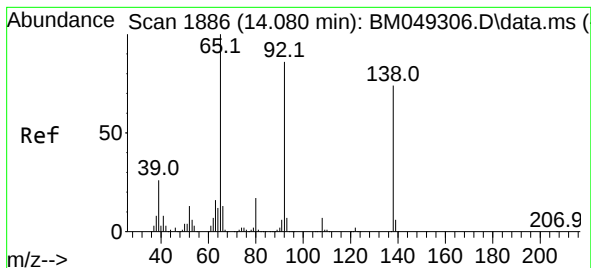
Tgt Ion:165 Resp: 314254  
Ion Ratio Lower Upper  
165 100  
63 56.0 45.5 68.3  
89 55.4 44.4 66.6



#52  
Acenaphthene  
Concen: 39.839 ng  
RT: 14.233 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:154 Resp: 1062931  
Ion Ratio Lower Upper  
154 100  
153 112.5 90.0 135.0  
152 54.5 43.5 65.3

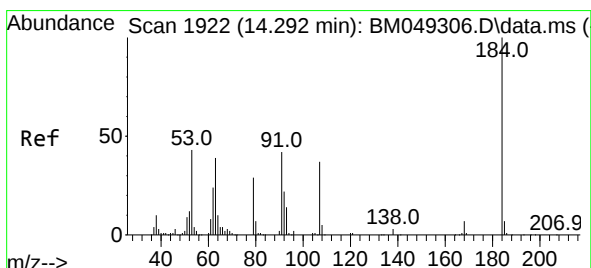
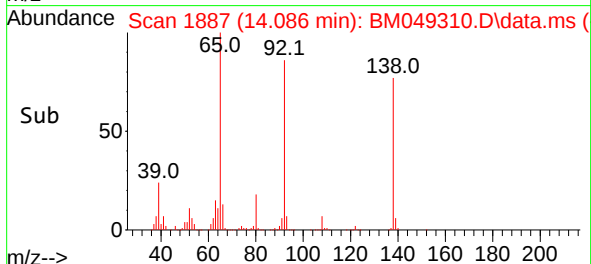
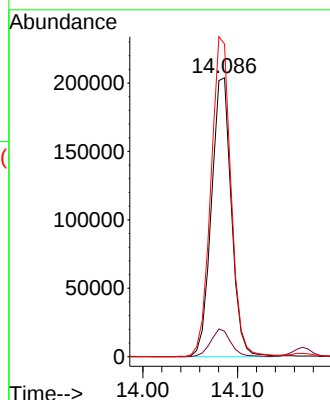
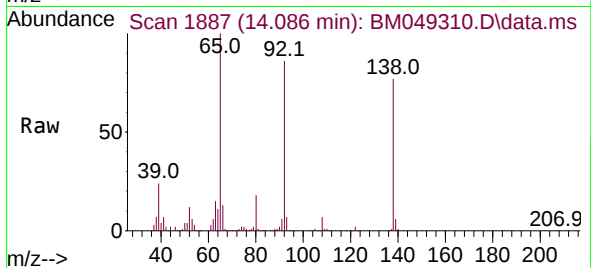




#53  
3-Nitroaniline  
Concen: 41.492 ng  
RT: 14.086 min Scan# 1886  
Delta R.T. 0.006 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

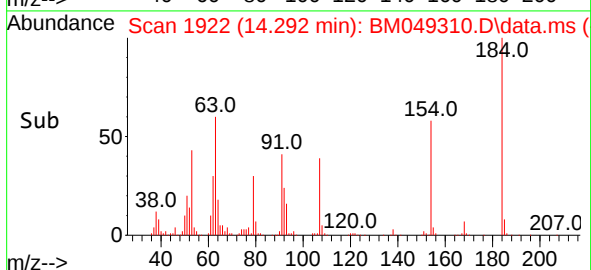
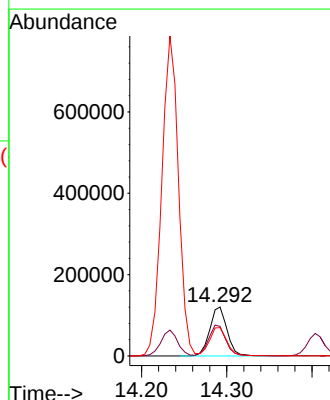
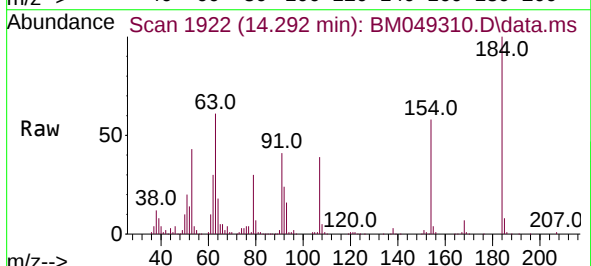
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

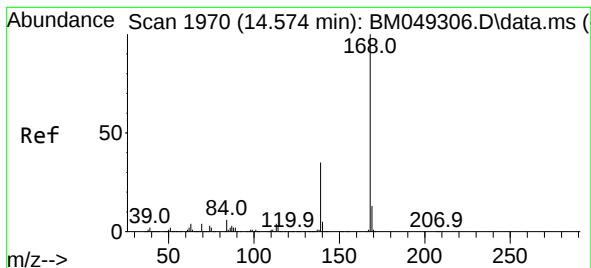
Tgt Ion:138 Resp: 297798  
Ion Ratio Lower Upper  
138 100  
108 9.1 7.8 11.8  
92 112.1 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 40.932 ng  
RT: 14.292 min Scan# 1922  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:184 Resp: 168952  
Ion Ratio Lower Upper  
184 100  
63 60.5 48.2 72.4  
154 57.8 45.4 68.2





#55

Dibenzenofuran

Concen: 39.517 ng

RT: 14.569 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

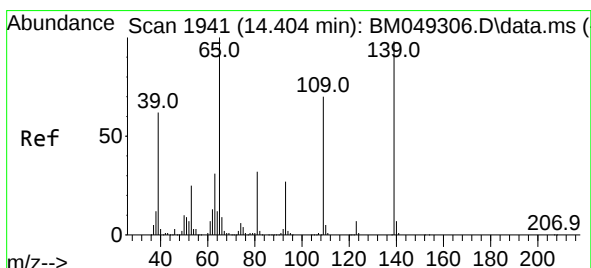
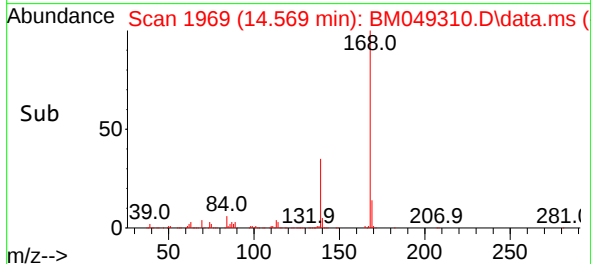
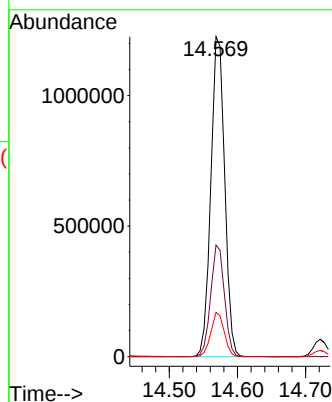
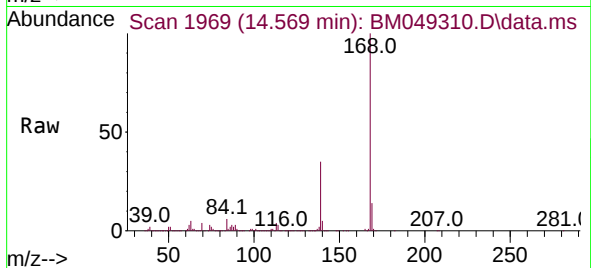
Tgt Ion:168 Resp: 1734897

Ion Ratio Lower Upper

168 100

139 34.9 27.9 41.9

169 13.8 10.6 15.8



#56

4-Nitrophenol

Concen: 43.005 ng

RT: 14.404 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

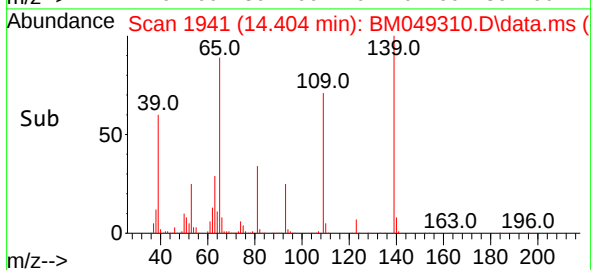
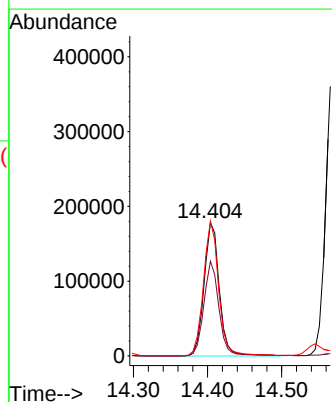
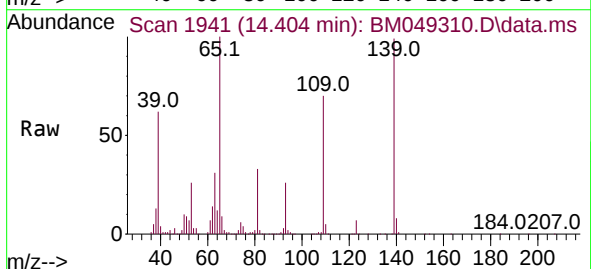
Tgt Ion:139 Resp: 254941

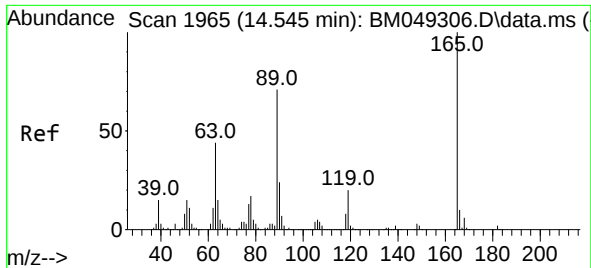
Ion Ratio Lower Upper

139 100

109 71.0 51.6 91.6

65 101.1 82.3 122.3





#57

2,4-Dinitrotoluene

Concen: 42.118 ng

RT: 14.545 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

Tgt Ion:165 Resp: 429800

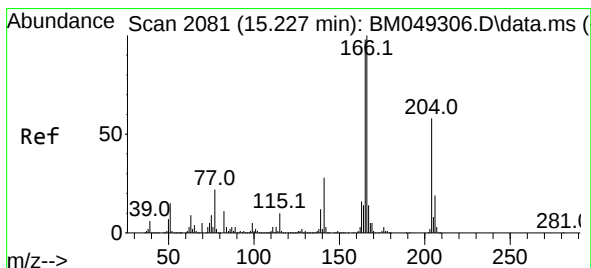
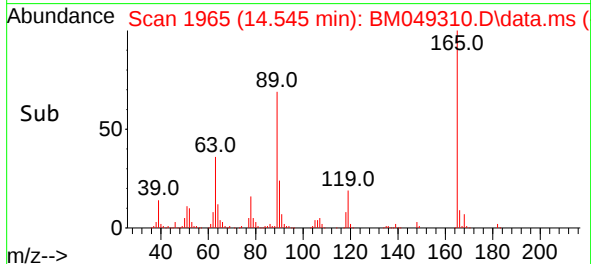
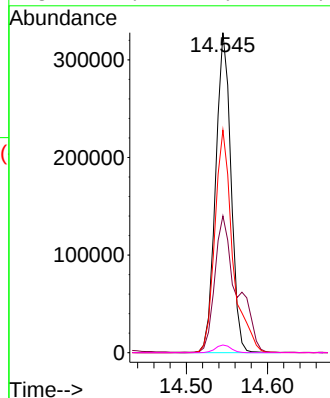
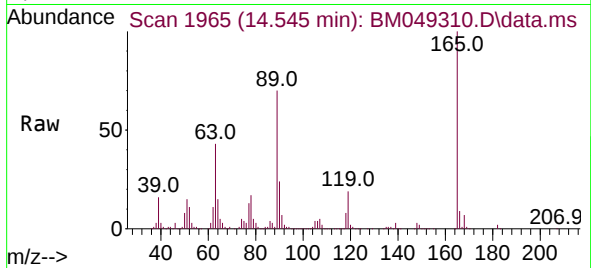
Ion Ratio Lower Upper

165 100

63 42.8 35.4 53.2

89 69.6 56.6 84.8

182 2.4 1.9 2.9



#58

Fluorene

Concen: 40.295 ng

RT: 15.221 min Scan# 2080

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

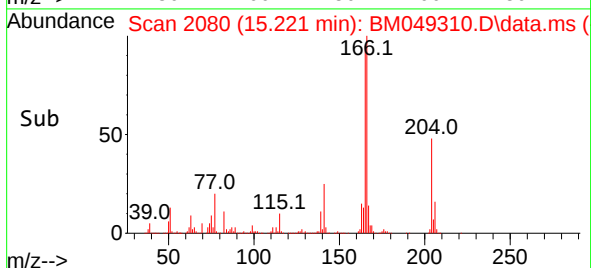
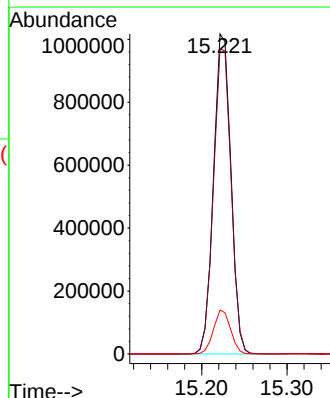
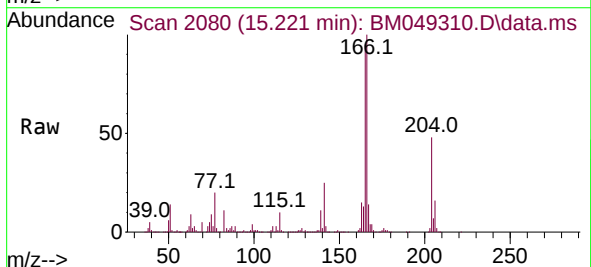
Tgt Ion:166 Resp: 1443613

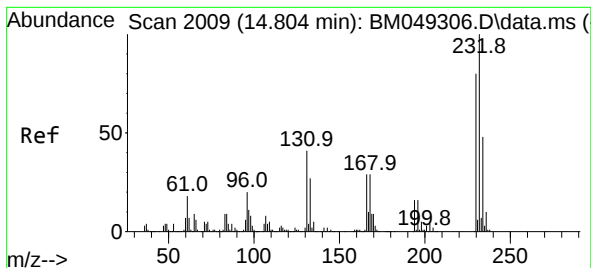
Ion Ratio Lower Upper

166 100

165 95.5 78.7 118.1

167 13.7 11.0 16.4

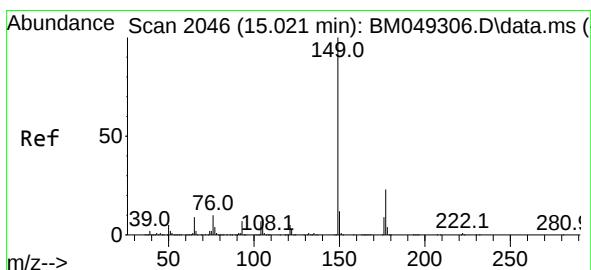
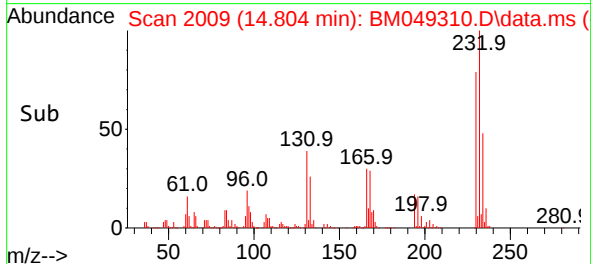
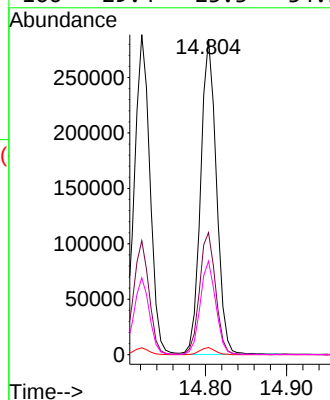
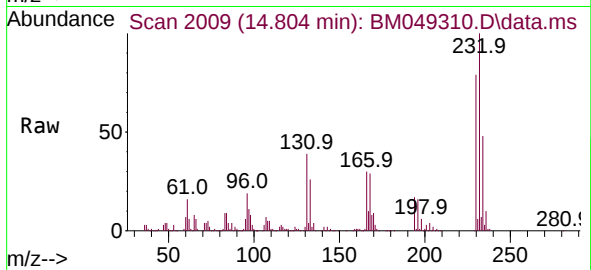




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.260 ng  
RT: 14.804 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

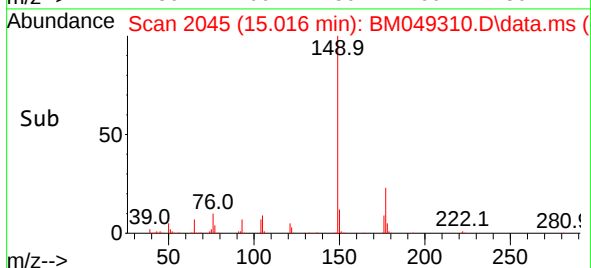
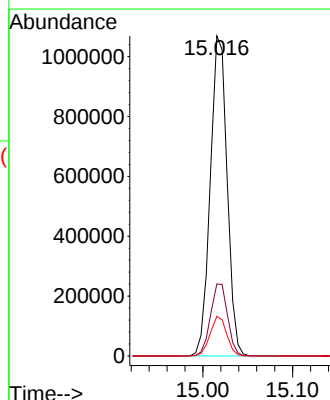
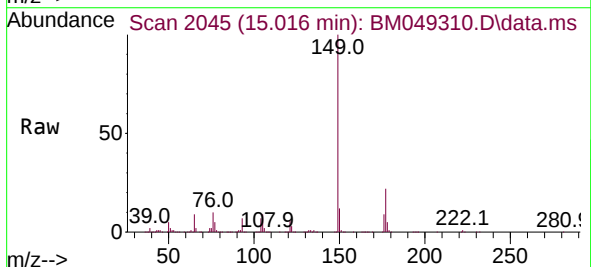
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

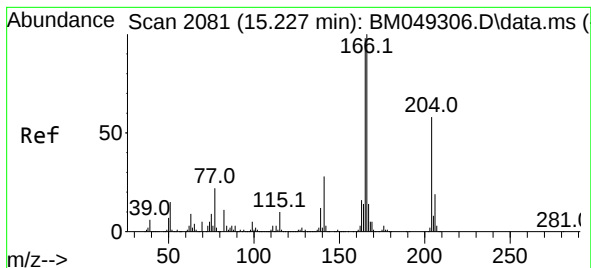
Tgt Ion:232 Resp: 383944  
Ion Ratio Lower Upper  
232 100  
131 39.1 32.0 48.0  
130 2.2 1.8 2.6  
166 29.4 23.3 34.9



#60  
Diethylphthalate  
Concen: 39.980 ng  
RT: 15.016 min Scan# 2045  
Delta R.T. -0.006 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:149 Resp: 1392406  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.4 27.6  
150 12.4 9.5 14.3

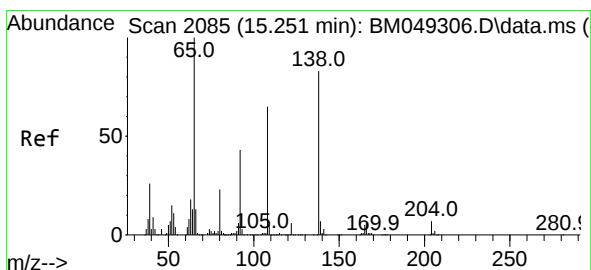
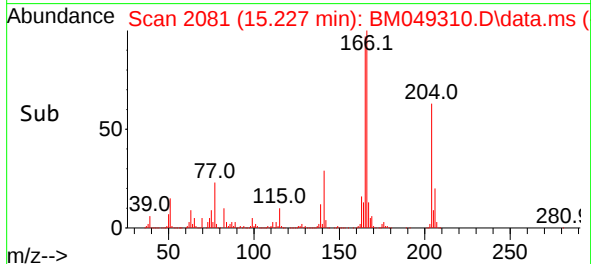
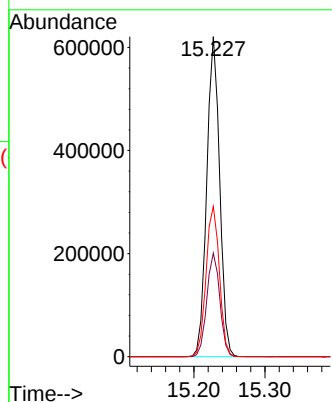
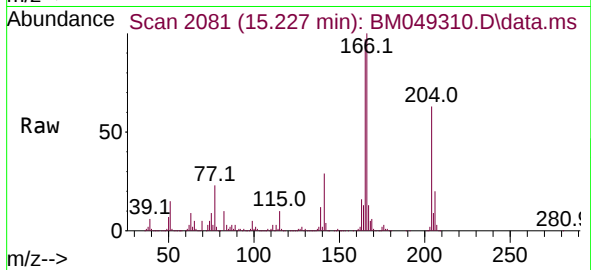




#61  
4-Chlorophenyl-phenylether  
Concen: 40.289 ng  
RT: 15.227 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

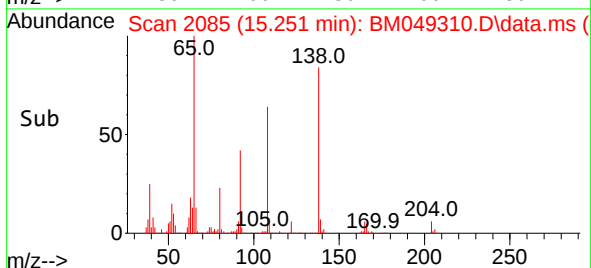
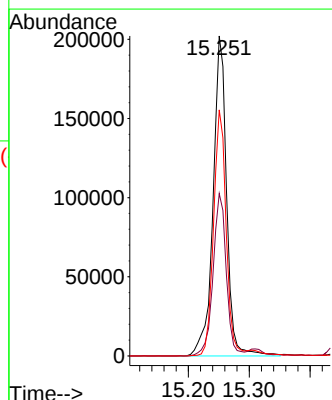
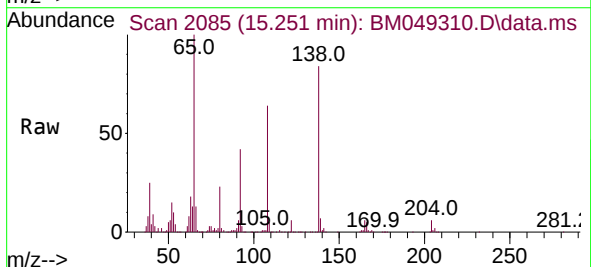
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

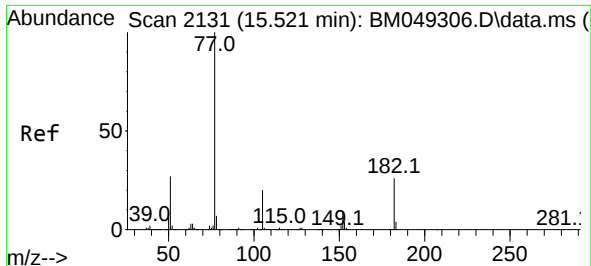
Tgt Ion:204 Resp: 784899  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.3 39.5  
141 47.0 38.6 57.8



#62  
4-Nitroaniline  
Concen: 42.937 ng  
RT: 15.251 min Scan# 2085  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:138 Resp: 312924  
Ion Ratio Lower Upper  
138 100  
92 50.8 32.1 72.1  
108 76.9 58.1 98.1



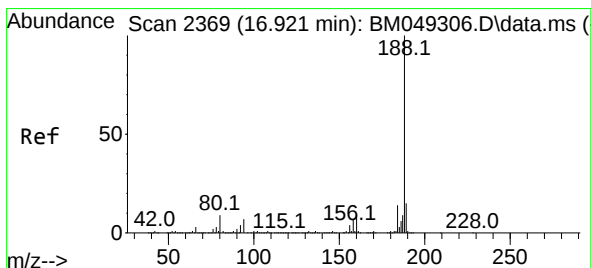
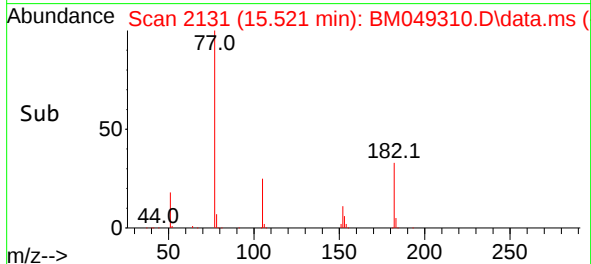
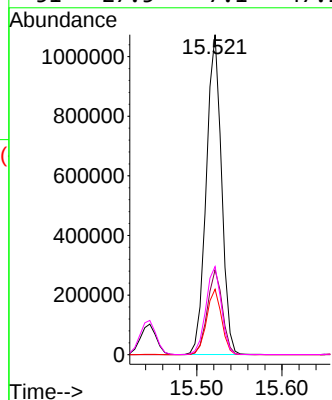
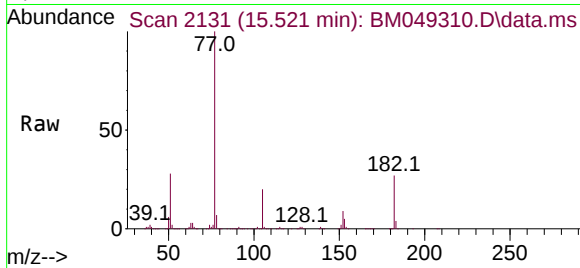


#63  
Azobenzene  
Concen: 40.108 ng  
RT: 15.521 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

Tgt Ion: 77 Resp: 1330028

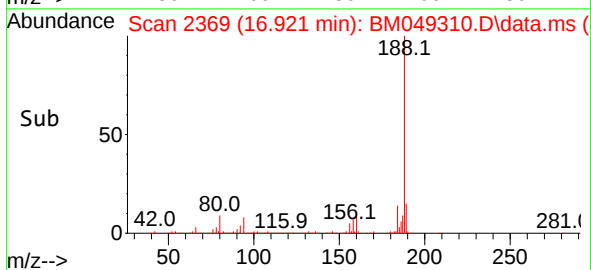
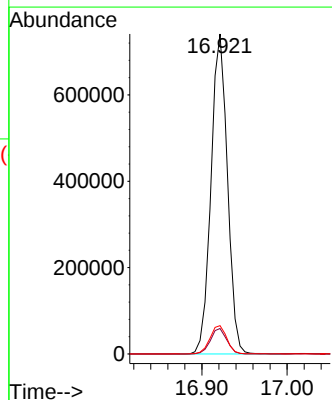
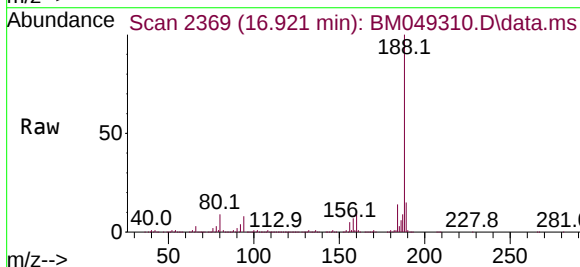
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.5  | 6.2   | 46.2  |
| 105 | 20.5  | 0.0   | 39.8  |
| 51  | 27.5  | 7.1   | 47.1  |

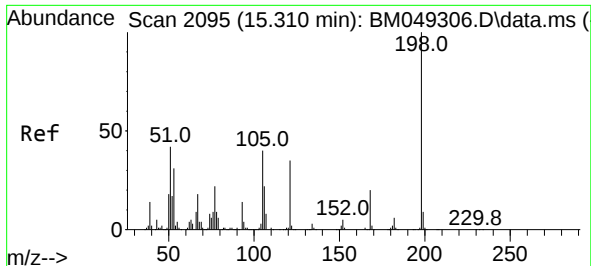


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.921 min Scan# 2369  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion: 188 Resp: 992559

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.9   | 6.0   | 9.0   |
| 80  | 8.9   | 7.0   | 10.6  |

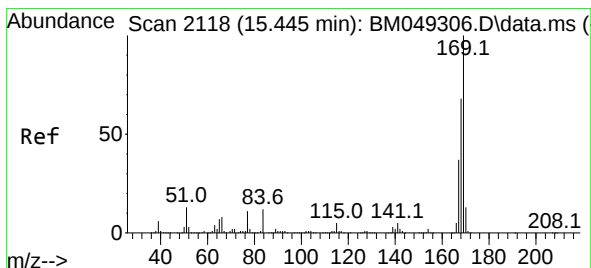
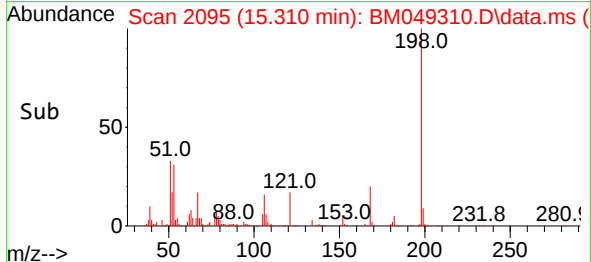
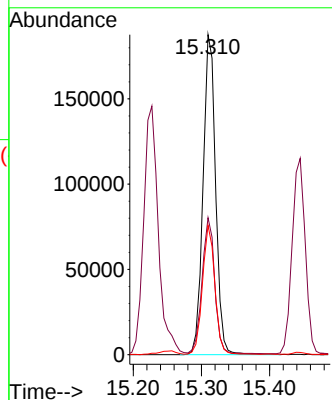
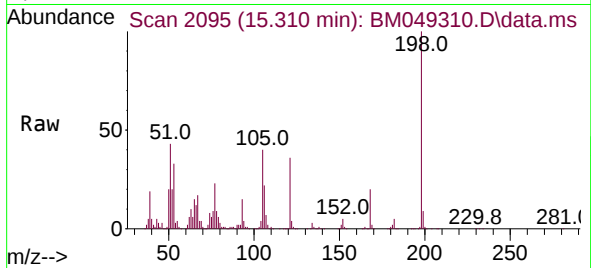




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.736 ng  
RT: 15.310 min Scan# 2095  
Delta R.T. -0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

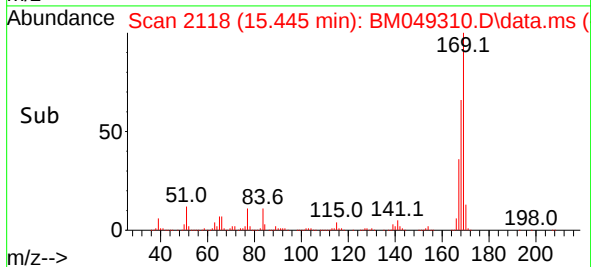
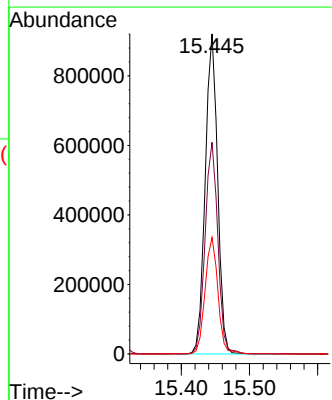
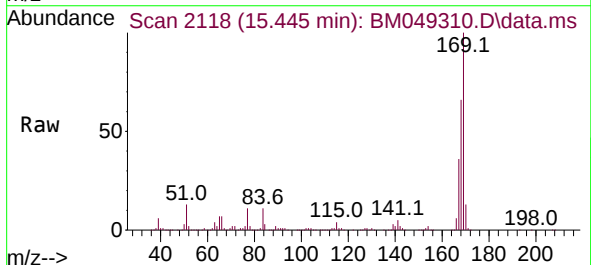
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

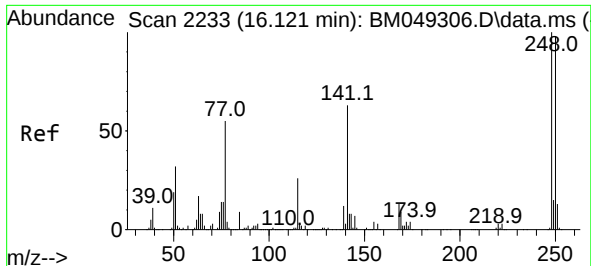
Tgt Ion:198 Resp: 240195  
Ion Ratio Lower Upper  
198 100  
51 42.8 24.1 64.1  
105 40.4 20.1 60.1



#66  
n-Nitrosodiphenylamine  
Concen: 40.554 ng  
RT: 15.445 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:169 Resp: 1163023  
Ion Ratio Lower Upper  
169 100  
168 66.1 54.0 81.0  
167 36.4 29.8 44.8

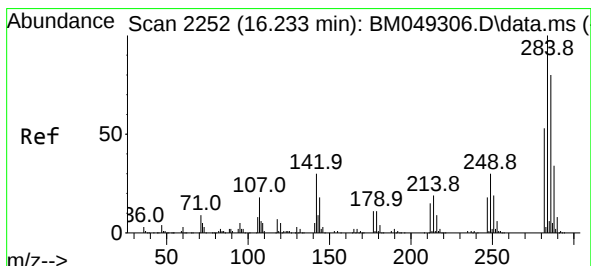
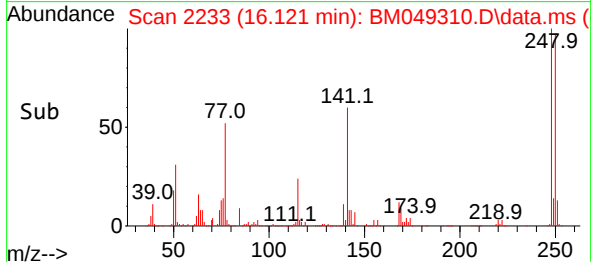
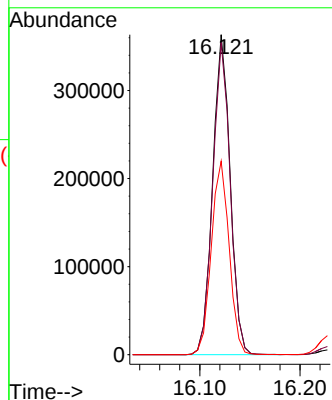
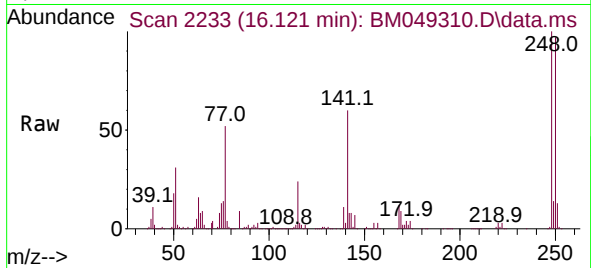




#67  
4-Bromophenyl-phenylether  
Concen: 40.179 ng  
RT: 16.121 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

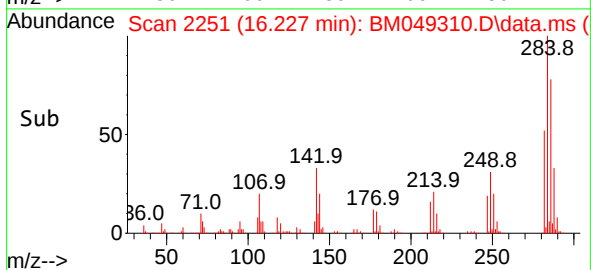
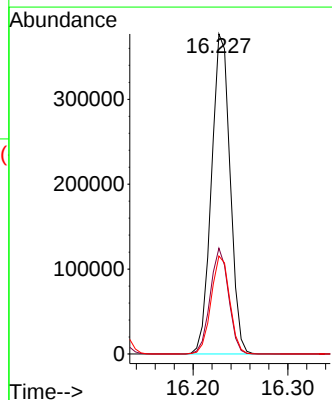
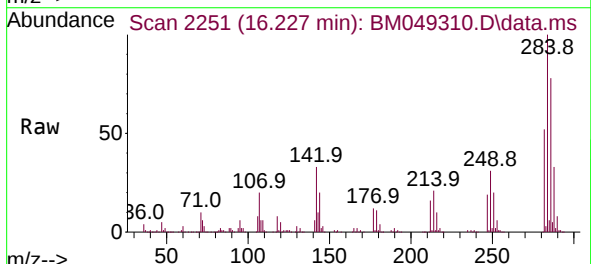
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

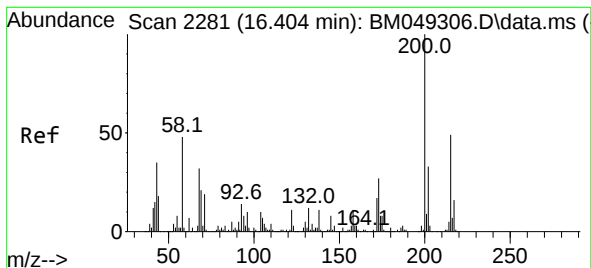
Tgt Ion:248 Resp: 439820  
Ion Ratio Lower Upper  
248 100  
250 97.5 78.2 117.2  
141 60.4 50.4 75.6



#68  
Hexachlorobenzene  
Concen: 39.992 ng  
RT: 16.227 min Scan# 2251  
Delta R.T. -0.006 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:284 Resp: 515984  
Ion Ratio Lower Upper  
284 100  
142 33.1 23.9 35.9  
249 30.6 24.2 36.4





#69

Atrazine

Concen: 35.183 ng

RT: 16.404 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

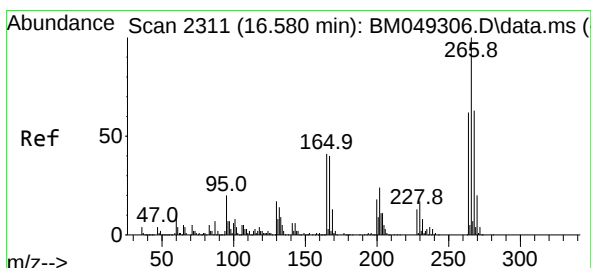
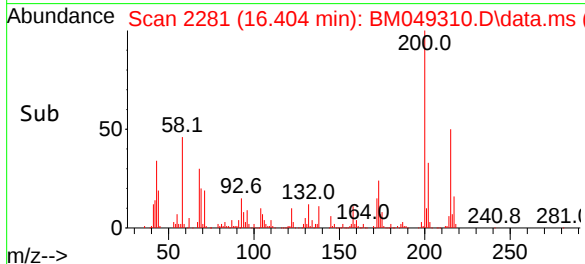
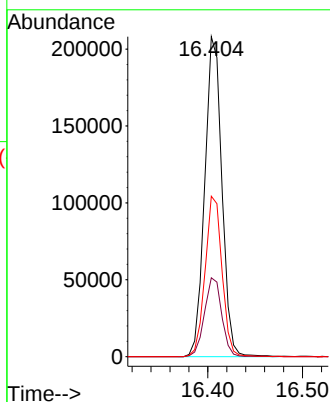
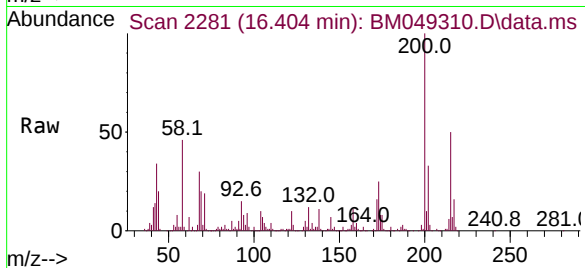
Tgt Ion:200 Resp: 260883

Ion Ratio Lower Upper

200 100

173 24.6 6.5 46.5

215 50.2 29.1 69.1



#70

Pentachlorophenol

Concen: 41.804 ng

RT: 16.574 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

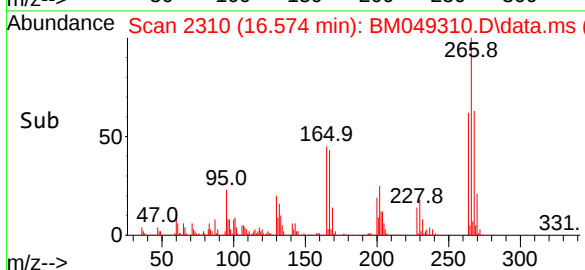
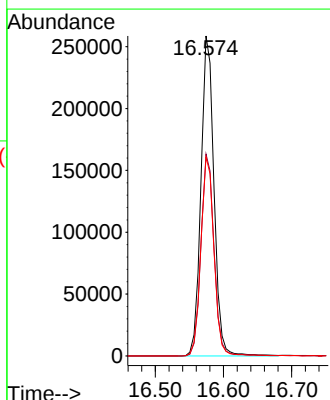
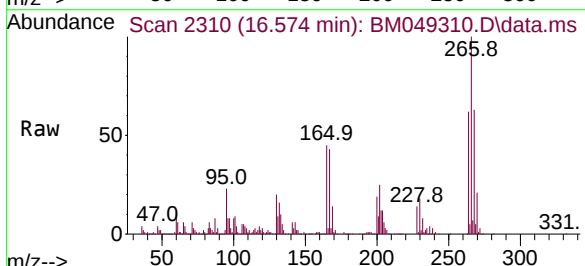
Tgt Ion:266 Resp: 344423

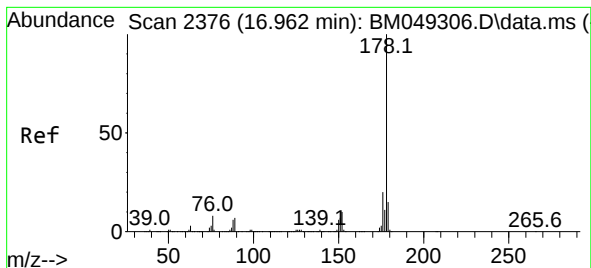
Ion Ratio Lower Upper

266 100

268 63.1 50.8 76.2

264 62.2 49.3 73.9





#71

Phenanthrene

Concen: 39.868 ng

RT: 16.962 min Scan# 2376

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

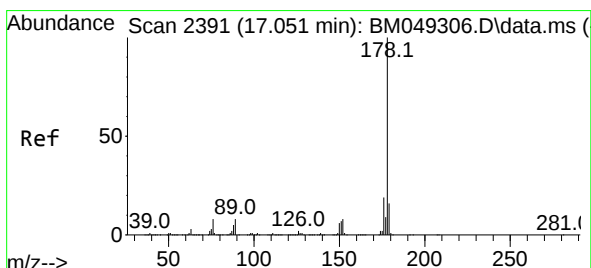
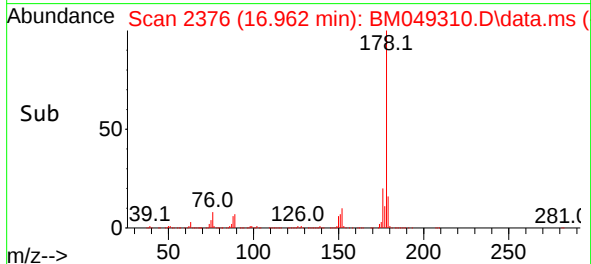
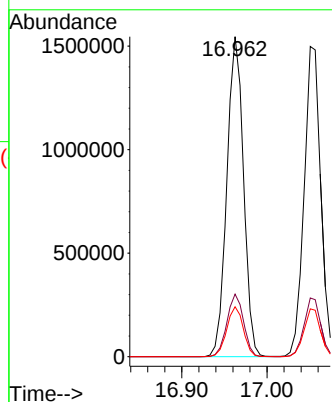
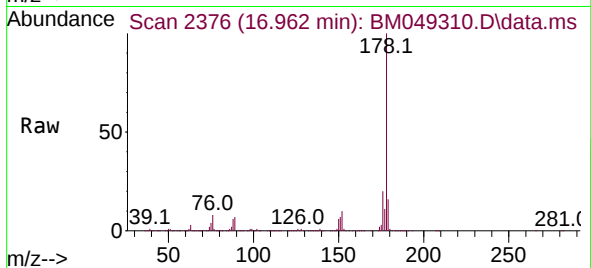
Tgt Ion:178 Resp: 2100878

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.6 12.4 18.6



#72

Anthracene

Concen: 40.472 ng

RT: 17.051 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

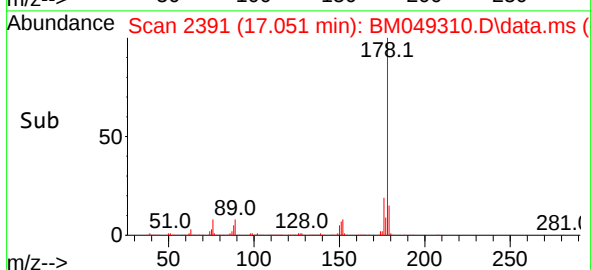
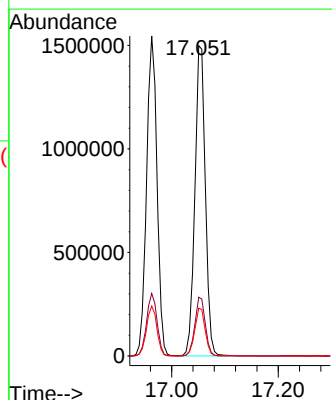
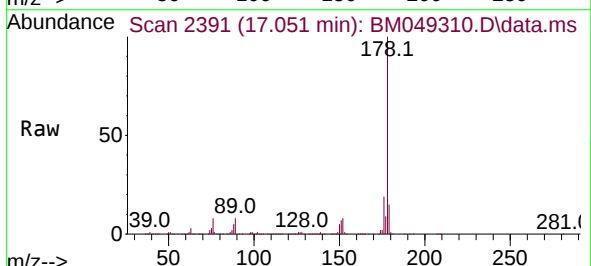
Tgt Ion:178 Resp: 2043026

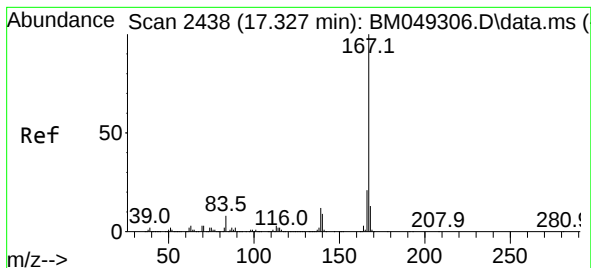
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.4 12.4 18.6





#73

Carbazole

Concen: 40.593 ng

RT: 17.327 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

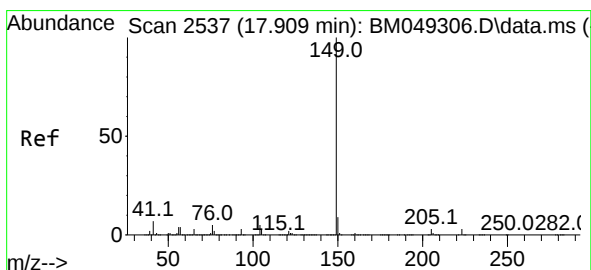
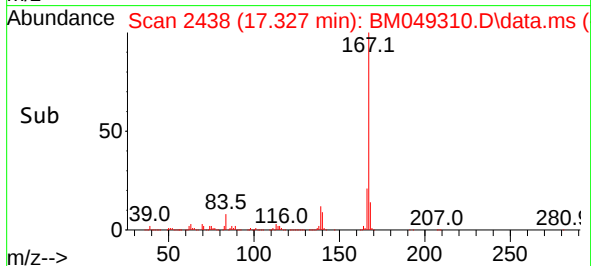
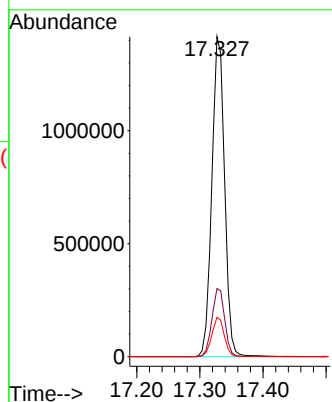
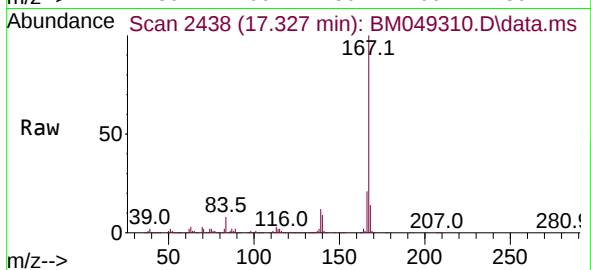
Tgt Ion:167 Resp: 1987134

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 12.3 9.7 14.5



#74

Di-n-butylphthalate

Concen: 41.648 ng

RT: 17.909 min Scan# 2537

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

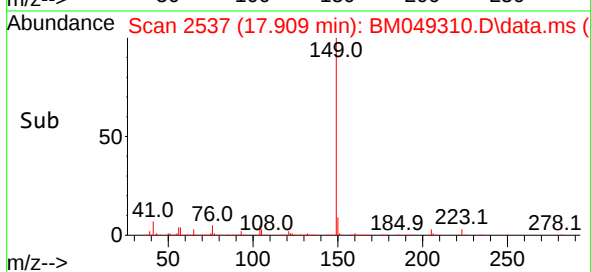
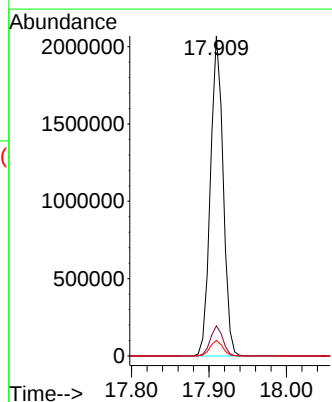
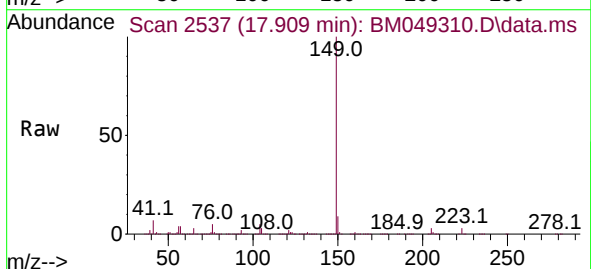
Tgt Ion:149 Resp: 2352736

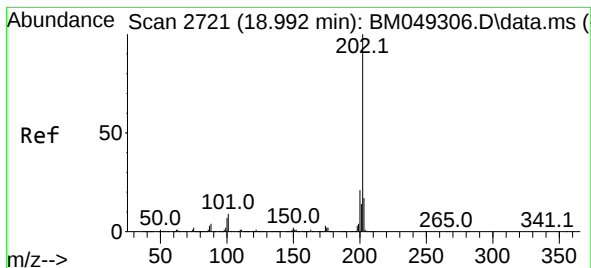
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 40.413 ng

RT: 18.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

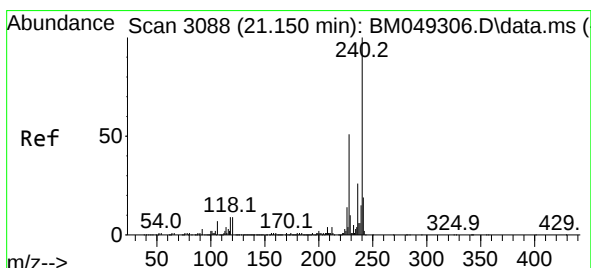
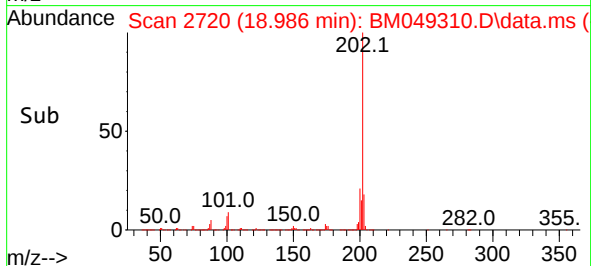
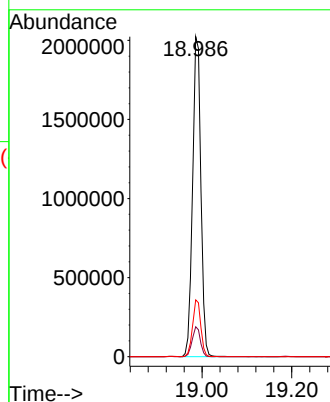
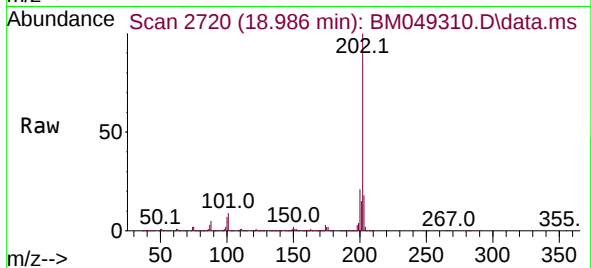
Tgt Ion:202 Resp: 2594412

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.7

203 17.8 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.150 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

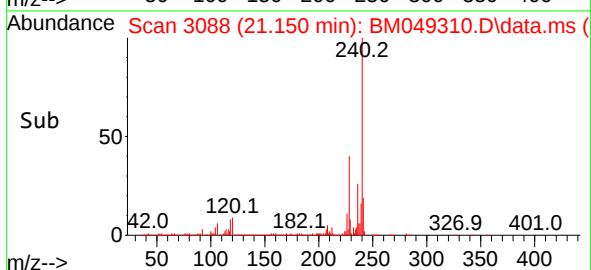
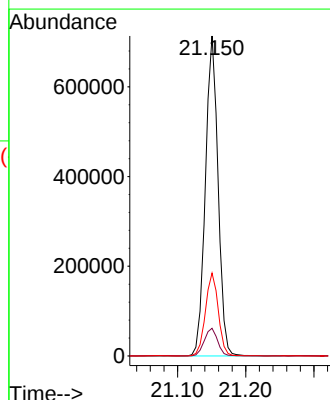
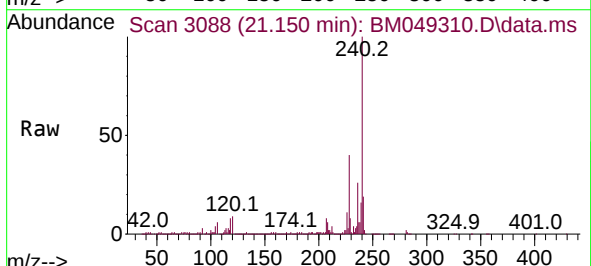
Tgt Ion:240 Resp: 922080

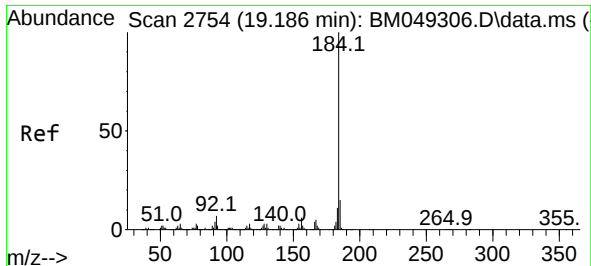
Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

236 25.9 21.0 31.4

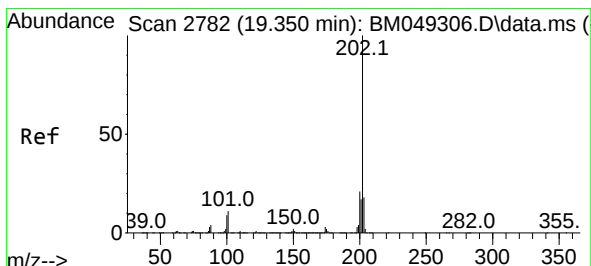
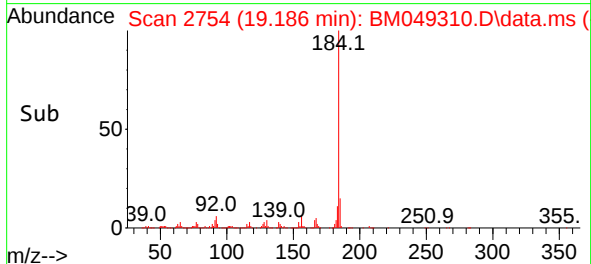
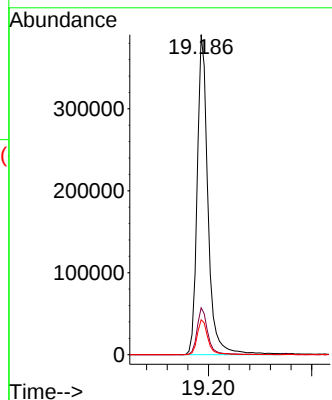
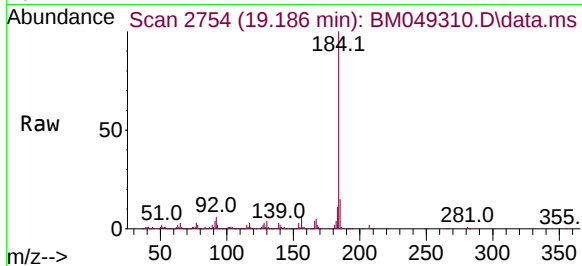




#77  
Benzidine  
Concen: 50.108 ng  
RT: 19.186 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

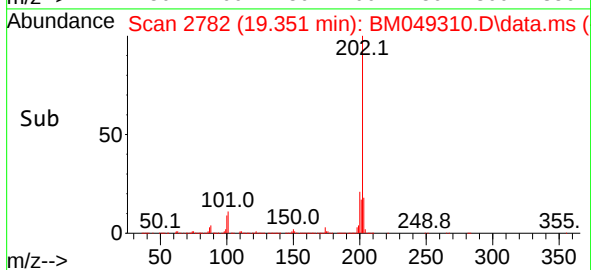
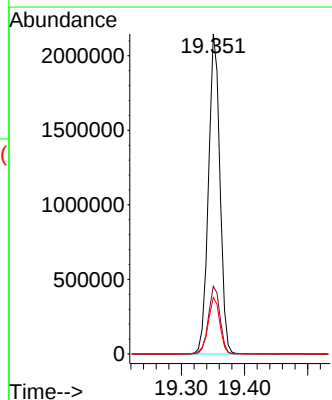
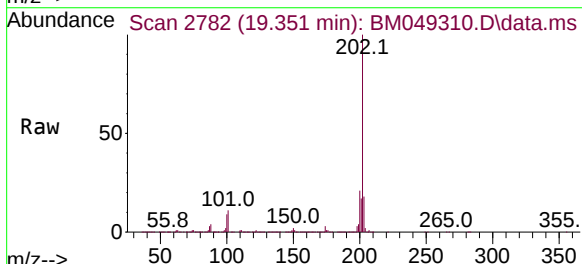
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

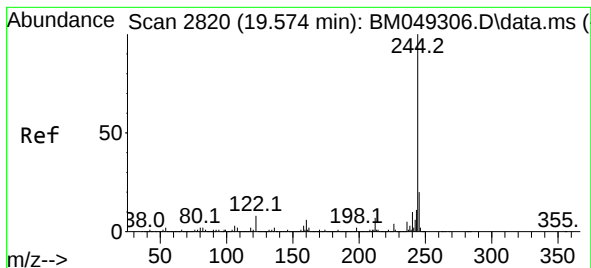
Tgt Ion:184 Resp: 565981  
Ion Ratio Lower Upper  
184 100  
185 14.7 12.0 18.0  
183 10.9 8.9 13.3



#78  
Pyrene  
Concen: 39.759 ng  
RT: 19.351 min Scan# 2782  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:202 Resp: 2707706  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.1 25.7  
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 81.976 ng

RT: 19.574 min Scan# 2820

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

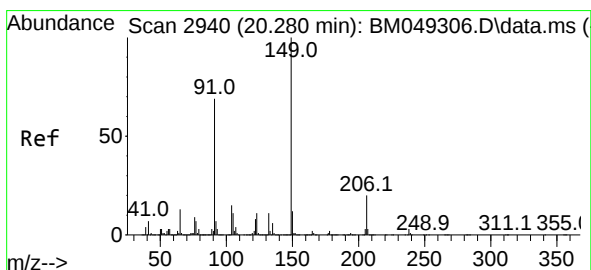
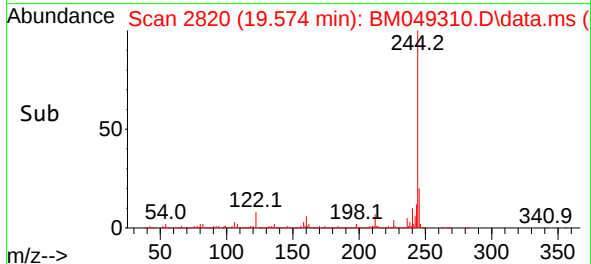
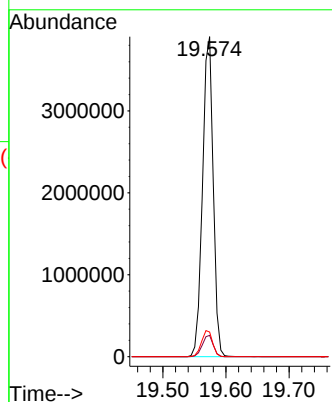
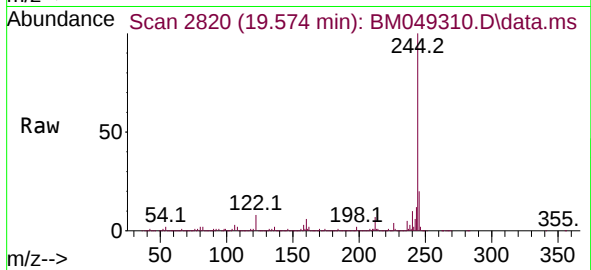
Tgt Ion:244 Resp: 4567042

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 7.7 6.1 9.1



#80

Butylbenzylphthalate

Concen: 42.187 ng

RT: 20.280 min Scan# 2940

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

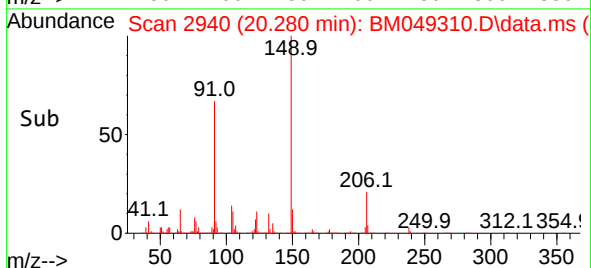
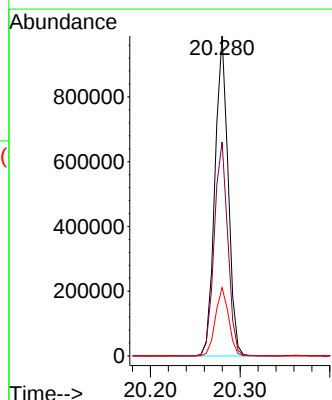
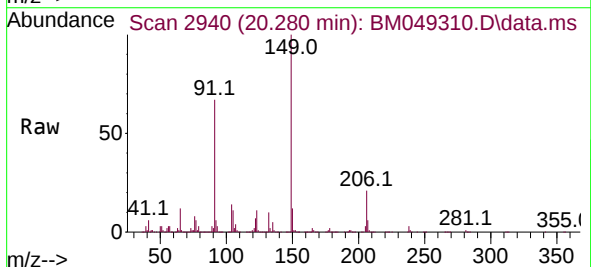
Tgt Ion:149 Resp: 1009652

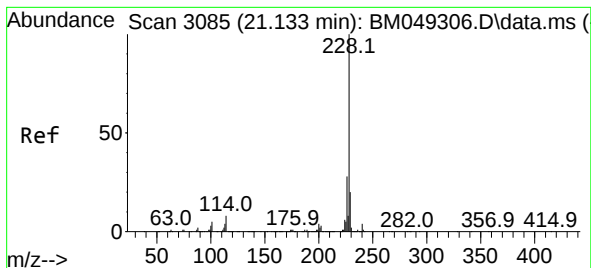
Ion Ratio Lower Upper

149 100

91 66.9 55.2 82.8

206 21.4 16.3 24.5





#81

Benzo(a)anthracene

Concen: 40.057 ng

RT: 21.133 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

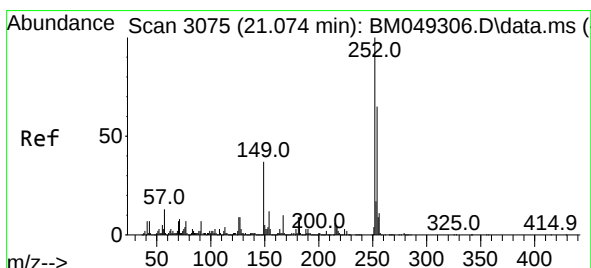
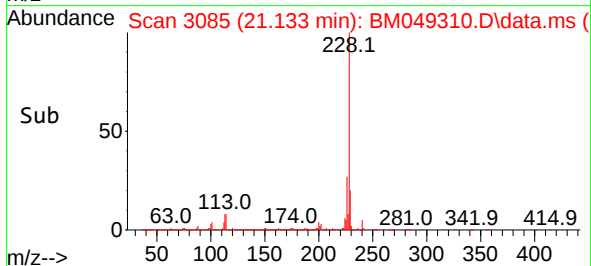
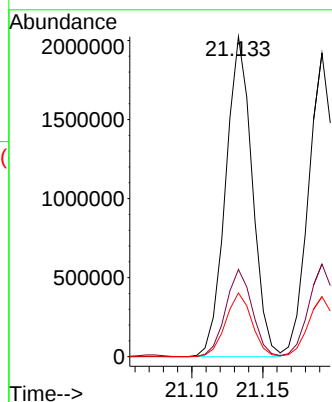
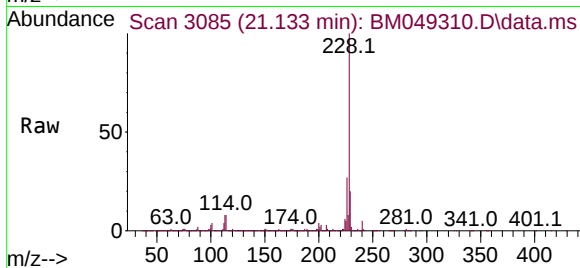
Tgt Ion:228 Resp: 2630408

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.049 ng

RT: 21.074 min Scan# 3075

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

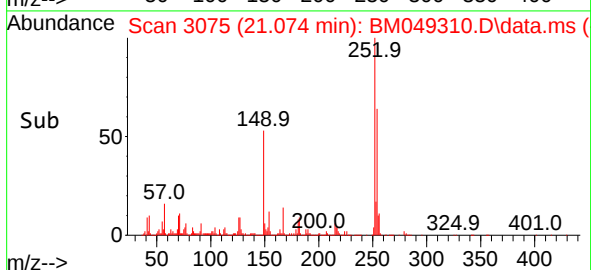
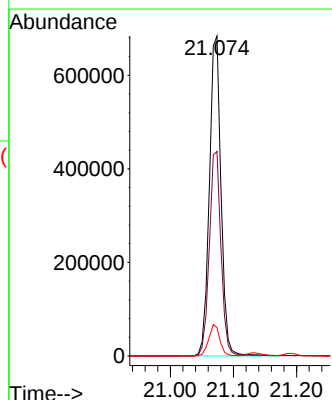
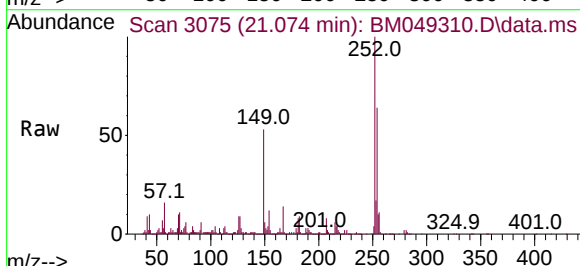
Tgt Ion:252 Resp: 878948

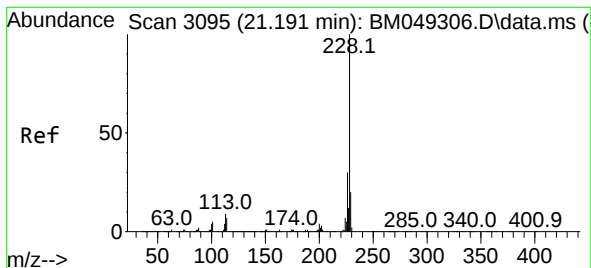
Ion Ratio Lower Upper

252 100

254 63.9 51.7 77.5

126 8.9 7.1 10.7





#83

Chrysene

Concen: 39.428 ng

RT: 21.192 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

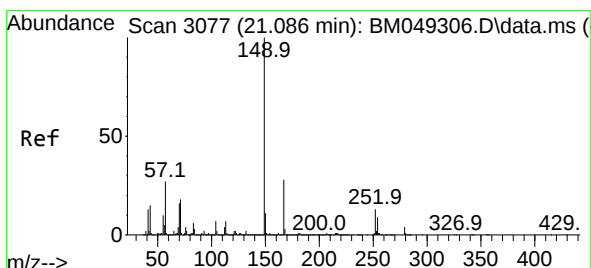
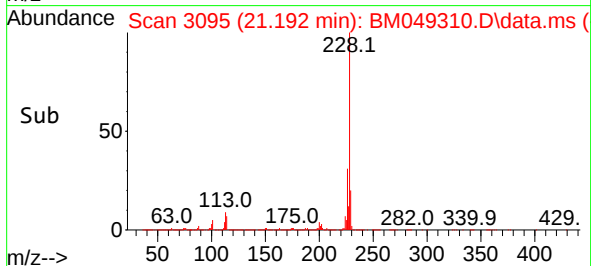
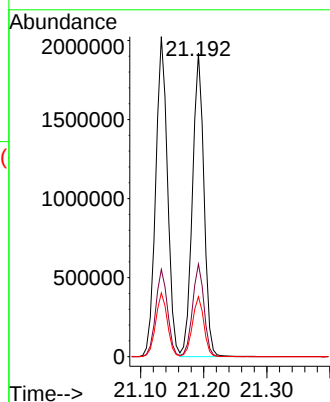
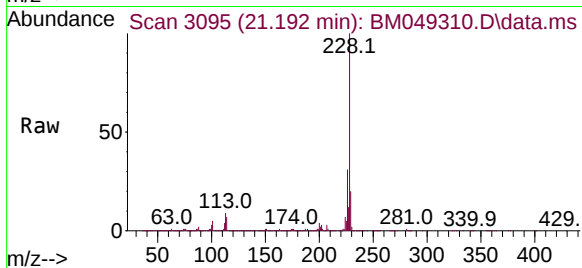
Tgt Ion:228 Resp: 2434454

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.521 ng

RT: 21.086 min Scan# 3077

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

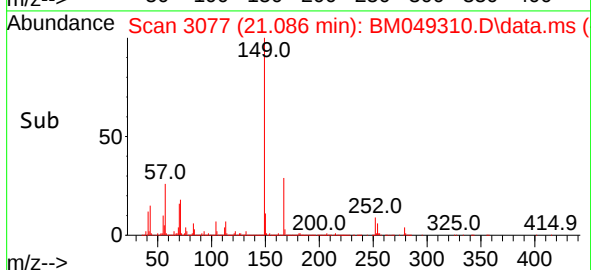
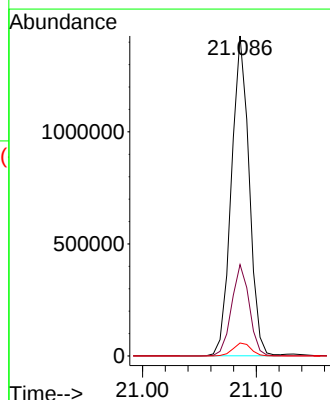
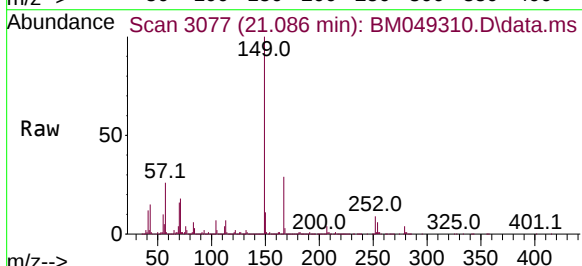
Tgt Ion:149 Resp: 1546800

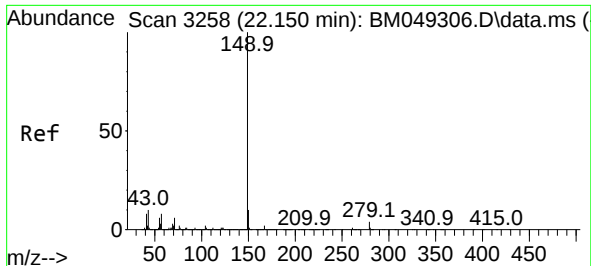
Ion Ratio Lower Upper

149 100

167 28.5 22.6 33.8

279 4.0 3.2 4.8

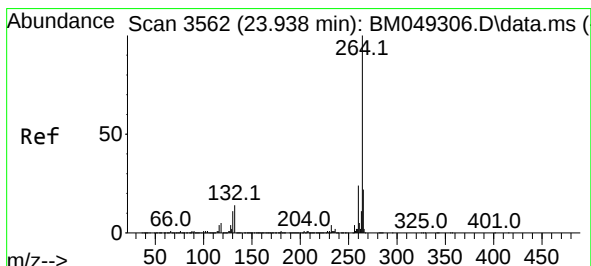
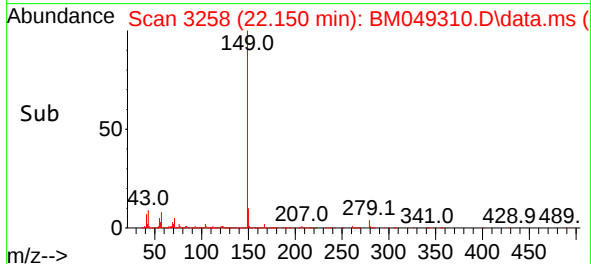
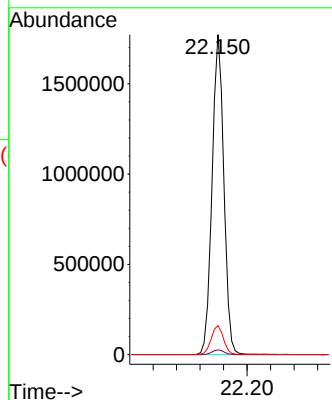
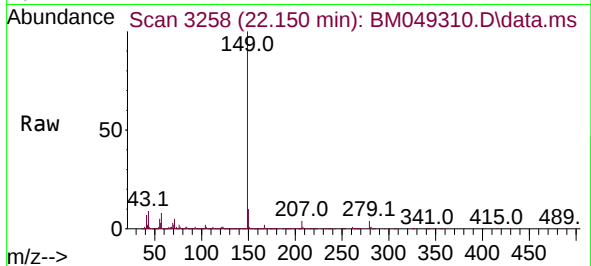




#85  
Di-n-octyl phthalate  
Concen: 41.941 ng  
RT: 22.150 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

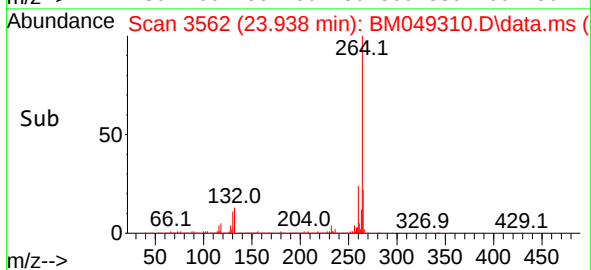
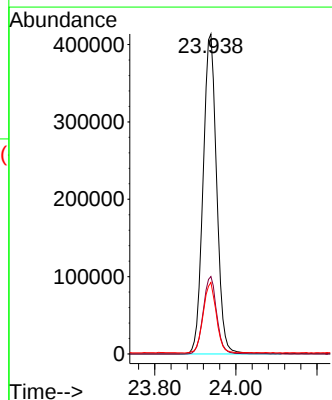
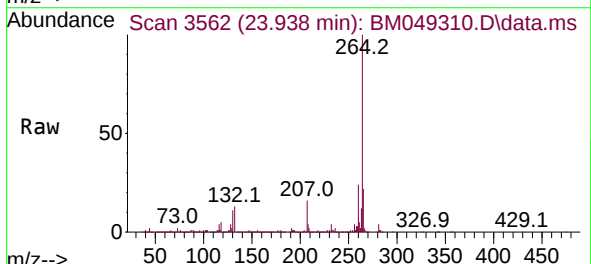
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

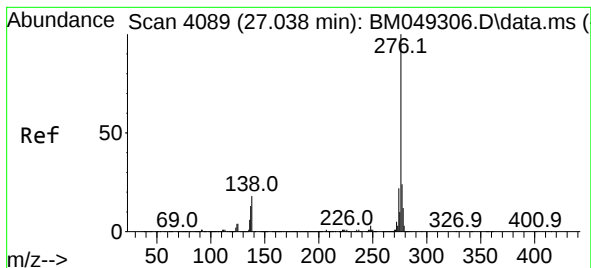
Tgt Ion:149 Resp: 2455448  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.5 7.8 11.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.938 min Scan# 3562  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:264 Resp: 959149  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.1 28.7  
265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.642 ng

RT: 27.032 min Scan# 4088

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

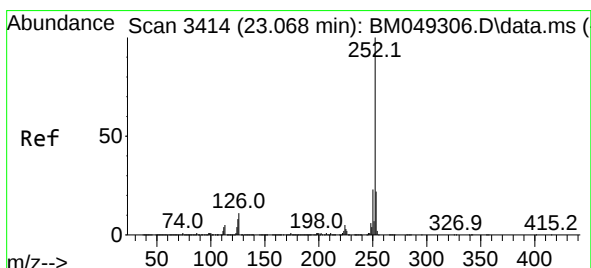
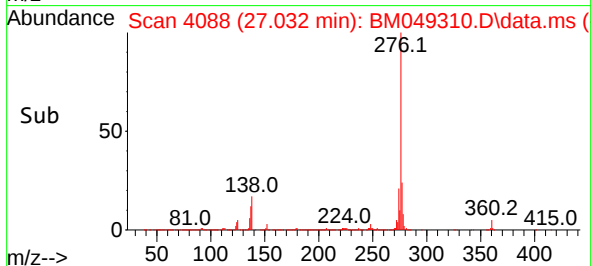
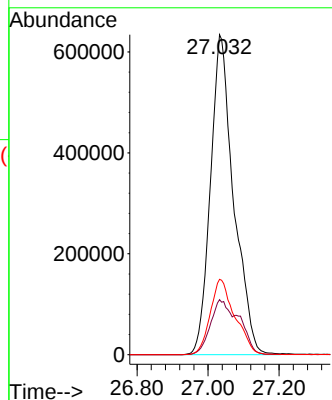
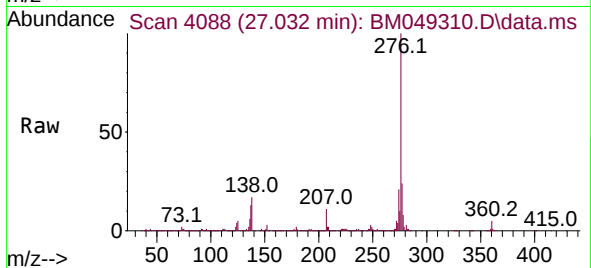
Tgt Ion:276 Resp: 2877392

Ion Ratio Lower Upper

276 100

138 15.3 17.3 25.9#

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.450 ng

RT: 23.068 min Scan# 3414

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

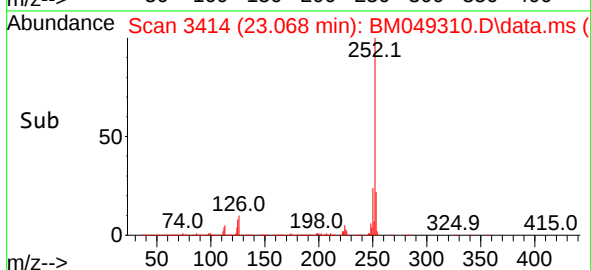
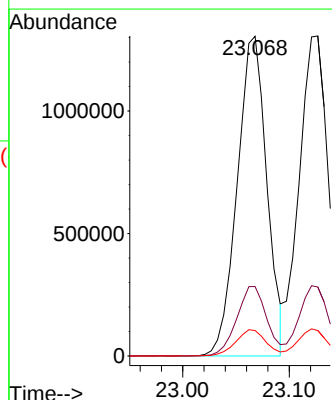
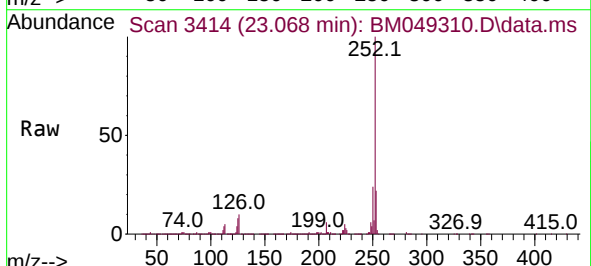
Tgt Ion:252 Resp: 2521885

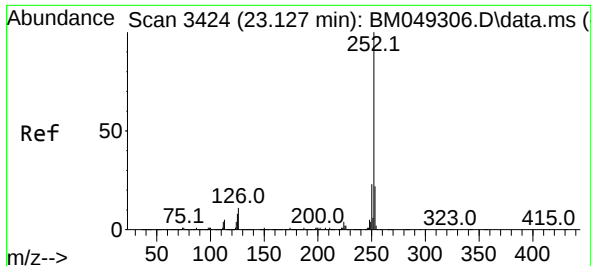
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.0 6.5 9.7

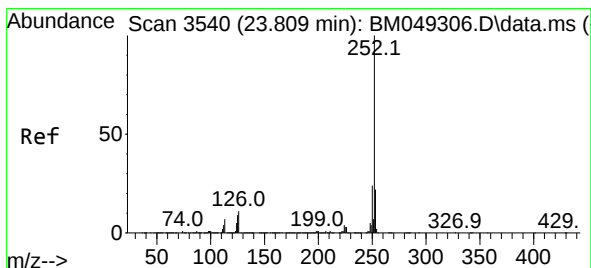
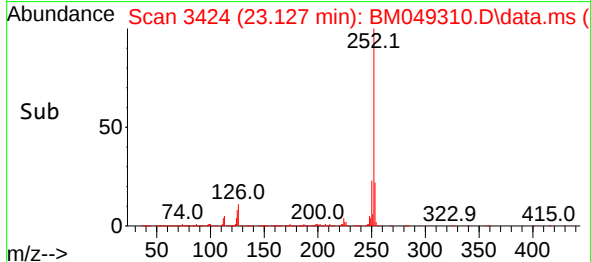
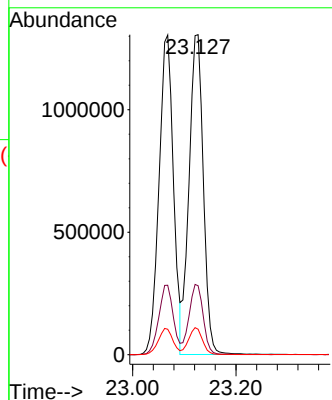
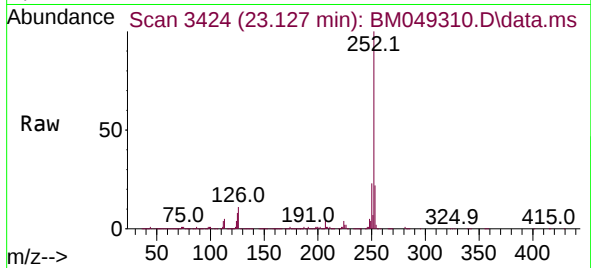




#89  
Benzo(k)fluoranthene  
Concen: 40.355 ng  
RT: 23.127 min Scan# 3424  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

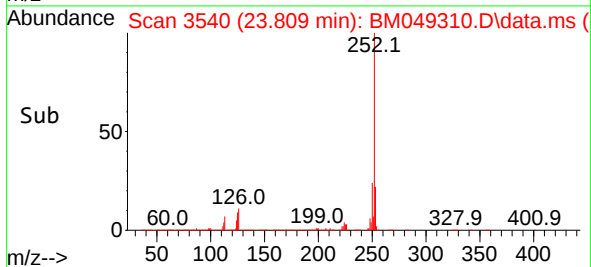
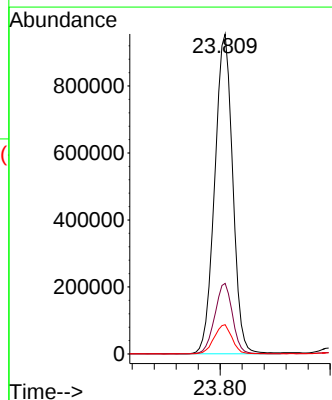
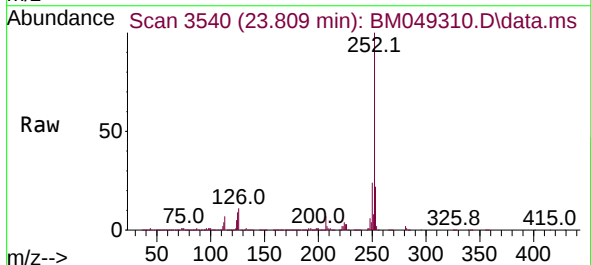
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM123124

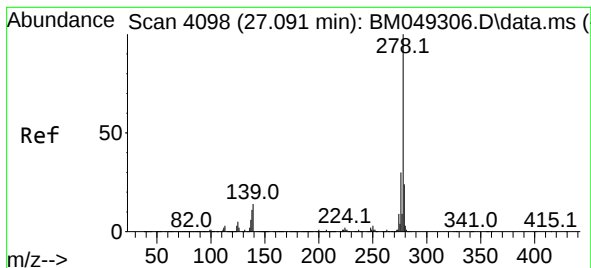
Tgt Ion:252 Resp: 2507847  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.0  
125 7.9 6.5 9.7



#90  
Benzo(a)pyrene  
Concen: 39.810 ng  
RT: 23.809 min Scan# 3540  
Delta R.T. 0.000 min  
Lab File: BM049310.D  
Acq: 31 Dec 2024 18:27

Tgt Ion:252 Resp: 2169213  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.3 25.9  
125 9.1 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 40.670 ng

RT: 27.091 min Scan# 4098

Delta R.T. 0.000 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

ICVBM123124

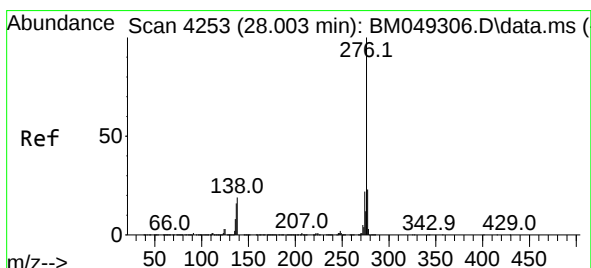
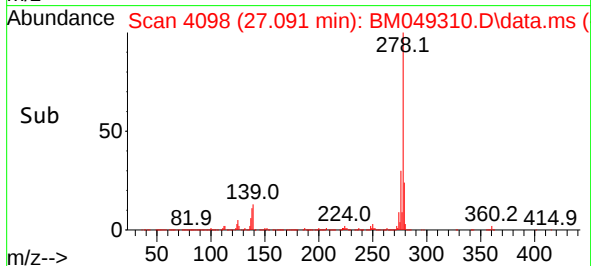
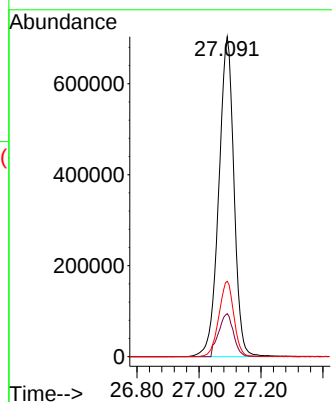
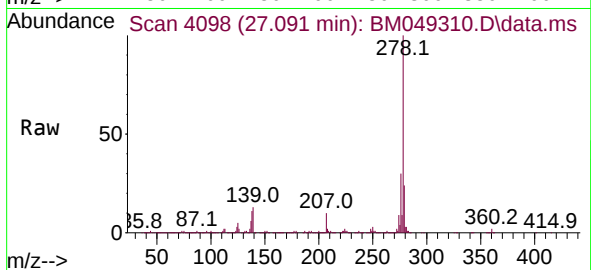
Tgt Ion:278 Resp: 2396893

Ion Ratio Lower Upper

278 100

139 13.5 11.0 16.4

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 39.922 ng

RT: 27.997 min Scan# 4252

Delta R.T. -0.006 min

Lab File: BM049310.D

Acq: 31 Dec 2024 18:27

Tgt Ion:276 Resp: 2363723

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 17.8 15.0 22.4

