

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122724\  
 Data File : BF141016.D  
 Acq On : 27 Dec 2024 23:55  
 Operator : RC/JU  
 Sample : P5387-01MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-05-122624MS

Quant Time: Dec 28 01:32:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 238500   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 787908   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.863  | 164  | 363232   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 588407   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.986 | 240  | 360399   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 327575   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 1350839  | 85.376 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.451  | 99   | 1671540  | 82.009 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.387  | 82   | 962167   | 78.128 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 337179   | 95.530 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 1454800  | 63.812 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 1427756  | 65.802 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.593  | 88   | 283563   | 39.586 | ng    | 100      |
| 3) Pyridine                   | 3.340  | 79   | 753586   | 43.048 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.281  | 42   | 398623   | 44.942 | ng    | 99       |
| 6) Aniline                    | 6.493  | 93   | 575998   | 31.686 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.610  | 128  | 753258   | 45.155 | ng    | 98       |
| 9) Benzaldehyde               | 6.375  | 77   | 173530   | 11.524 | ng    | # 86     |
| 10) Phenol                    | 6.463  | 94   | 978895   | 46.446 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 738701   | 43.408 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 766216   | 41.620 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 771869   | 41.591 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 729014   | 42.131 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 640839   | 43.753 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 1094142  | 42.515 | ng    | 91       |
| 17) 2-Methylphenol            | 7.075  | 107  | 594198   | 42.876 | ng    | 98       |
| 18) Hexachloroethane          | 7.345  | 117  | 318601   | 48.326 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.240  | 70   | 548590   | 43.933 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 719923   | 41.050 | ng    | 92       |
| 22) Acetophenone              | 7.234  | 105  | 1129060  | 58.414 | ng    | # 95     |
| 24) Nitrobenzene              | 7.410  | 77   | 735723   | 53.464 | ng    | 96       |
| 25) Isophorone                | 7.651  | 82   | 1383294  | 51.618 | ng    | # 96     |
| 26) 2-Nitrophenol             | 7.728  | 139  | 315566   | 55.078 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 552173   | 56.378 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 803852   | 47.343 | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 519688   | 46.785 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 549660   | 43.719 | ng    | 99       |
| 31) Naphthalene               | 8.134  | 128  | 2061188  | 49.646 | ng    | 99       |
| 32) Benzoic acid              | 7.857  | 122  | 366232   | 45.849 | ng    | # 84     |
| 33) 4-Chloroaniline           | 8.181  | 127  | 295758   | 19.691 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 337913   | 45.591 | ng    | 99       |
| 35) Caprolactam               | 8.534  | 113  | 216733   | 57.394 | ng    | # 49     |
| 36) 4-Chloro-3-methylphenol   | 8.651  | 107  | 519539   | 42.115 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 1310957  | 49.357 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 1130101  | 43.294 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 484412   | 48.475 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 71612    | 21.625 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 327279   | 49.209 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122724\  
 Data File : BF141016.D  
 Acq On : 27 Dec 2024 23:55  
 Operator : RC/JU  
 Sample : P5387-01MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

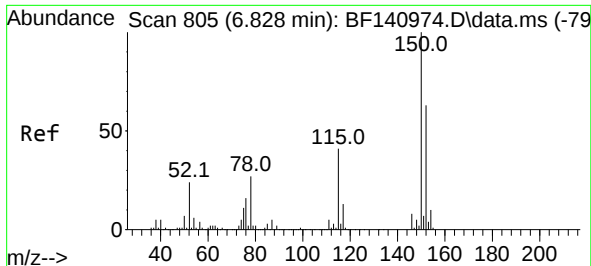
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-05-122624MS

Quant Time: Dec 28 01:32:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.134  | 196  | 304453   | 44.739  | ng    | # 85     |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 1356730  | 48.781  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 971869   | 45.055  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 327325   | 57.038  | ng    | 95       |
| 49) Acenaphthylene            | 9.728  | 152  | 1484087  | 47.794  | ng    | 99       |
| 50) Dimethylphthalate         | 9.586  | 163  | 1104961  | 46.248  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 226104   | 46.526  | ng    | 99       |
| 52) Acenaphthene              | 9.898  | 154  | 930811   | 44.340  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.810  | 138  | 198158   | 38.118  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 21391    | 20.750  | ng    | # 1      |
| 55) Dibenzofuran              | 10.069 | 168  | 1331649  | 45.138  | ng    | 99       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 414349   | 101.384 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 286733   | 48.082  | ng    | # 96     |
| 58) Fluorene                  | 10.416 | 166  | 1016163  | 44.418  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 269114   | 47.750  | ng    | # 87     |
| 60) Diethylphthalate          | 10.286 | 149  | 1072826  | 45.484  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 486484   | 44.194  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 223740   | 42.666  | ng    | 97       |
| 63) Azobenzene                | 10.569 | 77   | 1151503  | 46.511  | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 18181    | 15.585  | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 926858   | 50.022  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 318577   | 50.085  | ng    | 99       |
| 68) Hexachlorobenzene         | 10.963 | 284  | 329962   | 47.045  | ng    | 99       |
| 69) Atrazine                  | 11.051 | 200  | 323817   | 62.557  | ng    | 99       |
| 70) Pentachlorophenol         | 11.151 | 266  | 419102   | 95.974  | ng    | 100      |
| 71) Phenanthrene              | 11.375 | 178  | 1611231  | 52.028  | ng    | 99       |
| 72) Anthracene                | 11.428 | 178  | 1576991  | 51.968  | ng    | 100      |
| 73) Carbazole                 | 11.580 | 167  | 1404500  | 48.147  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 1685572  | 50.801  | ng    | 100      |
| 75) Fluoranthene              | 12.563 | 202  | 1656400  | 49.316  | ng    | 98       |
| 77) Benzidine                 | 12.680 | 184  | 401561   | 52.721  | ng    | 96       |
| 78) Pyrene                    | 12.792 | 202  | 1660335  | 52.676  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 640552   | 55.654  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 1133787  | 45.139  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 275633   | 36.524  | ng    | 99       |
| 83) Chrysene                  | 14.010 | 228  | 1091659  | 48.212  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 791660   | 53.027  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 1207252  | 55.870  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.898 | 276  | 922015   | 44.676  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 969030   | 42.415  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 944579   | 52.751  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 892430   | 50.326  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.921 | 278  | 731833   | 43.746  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.333 | 276  | 635940   | 36.651  | ng    | 99       |

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

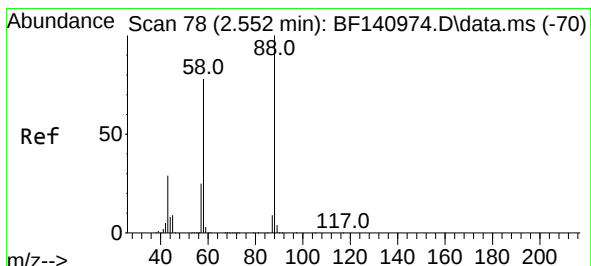
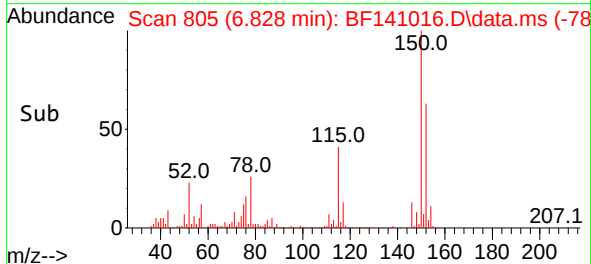
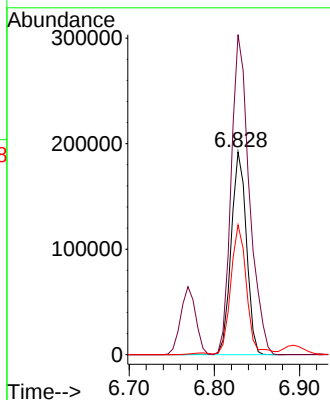
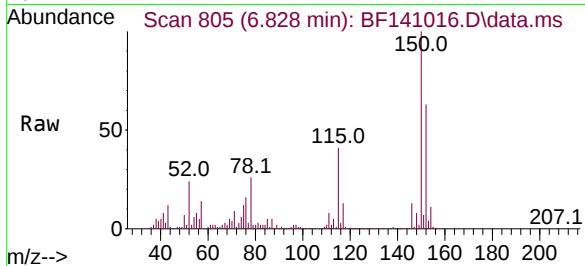




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.828 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF141016.D  
 Acq: 27 Dec 2024 23:55

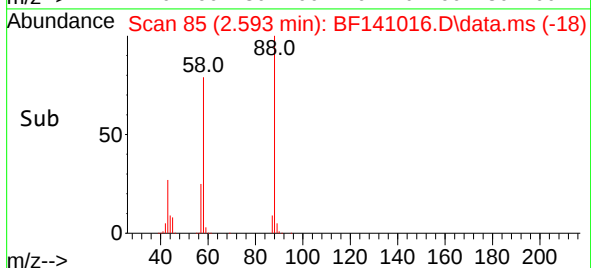
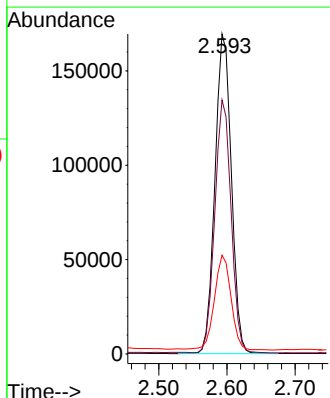
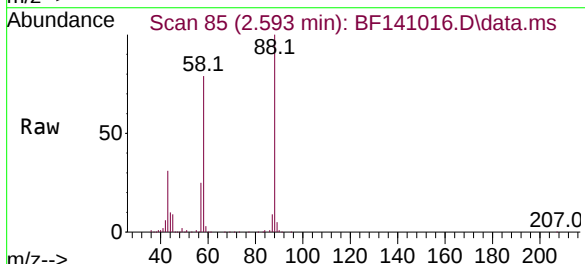
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-05-122624MS

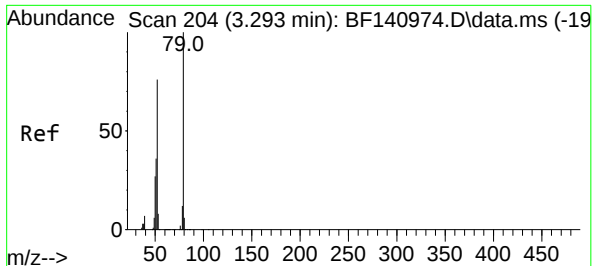
Tgt Ion:152 Resp: 238500  
 Ion Ratio Lower Upper  
 152 100  
 150 157.8 127.0 190.6  
 115 64.0 51.7 77.5



#2  
 1,4-Dioxane  
 Concen: 39.586 ng  
 RT: 2.593 min Scan# 85  
 Delta R.T. 0.041 min  
 Lab File: BF141016.D  
 Acq: 27 Dec 2024 23:55

Tgt Ion: 88 Resp: 283563  
 Ion Ratio Lower Upper  
 88 100  
 58 78.7 63.0 94.4  
 43 30.1 23.4 35.2

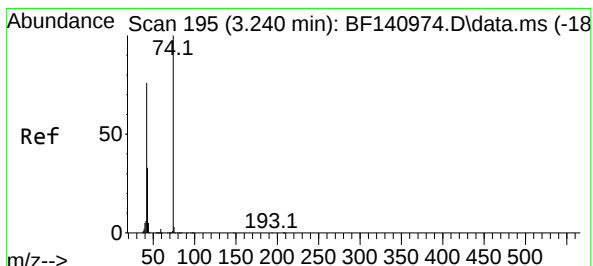
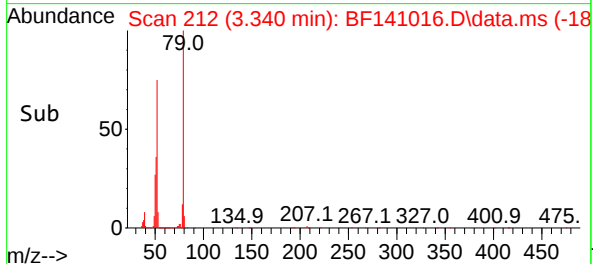
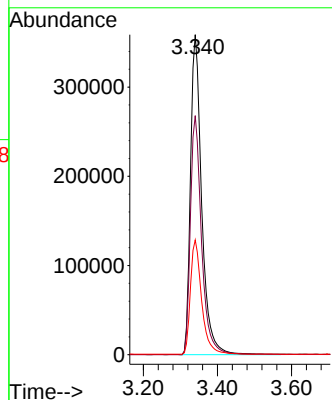
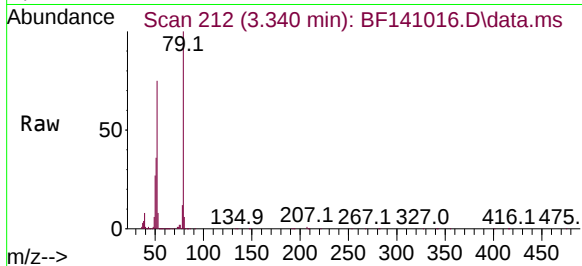




#3  
Pyridine  
Concen: 43.048 ng  
RT: 3.340 min Scan# 212  
Delta R.T. 0.047 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

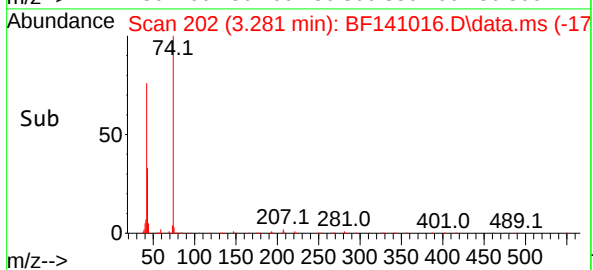
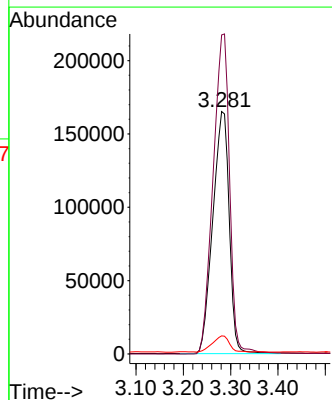
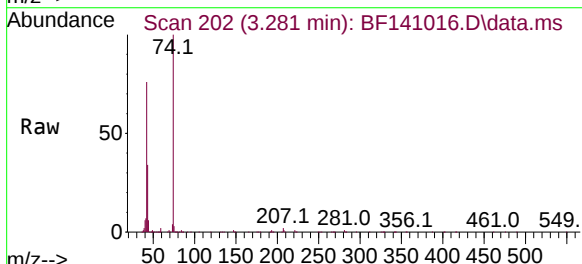
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

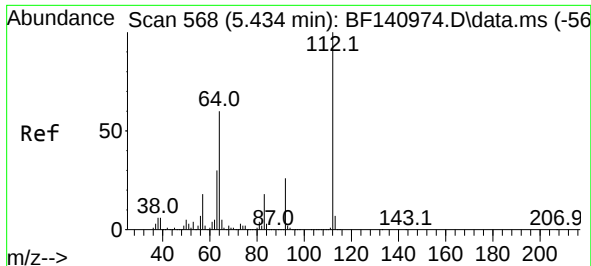
Tgt Ion: 79 Resp: 753586  
Ion Ratio Lower Upper  
79 100  
52 74.7 60.4 90.6  
51 35.9 28.8 43.2



#4  
n-Nitrosodimethylamine  
Concen: 44.942 ng  
RT: 3.281 min Scan# 202  
Delta R.T. 0.041 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion: 42 Resp: 398623  
Ion Ratio Lower Upper  
42 100  
74 131.6 105.8 158.6  
44 7.4 6.6 10.0

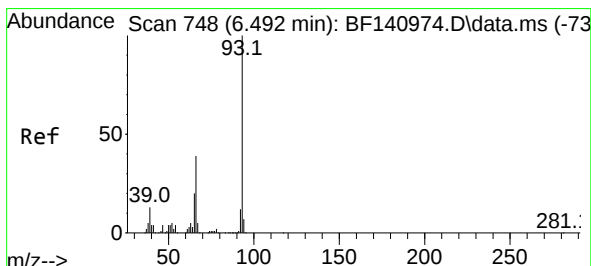
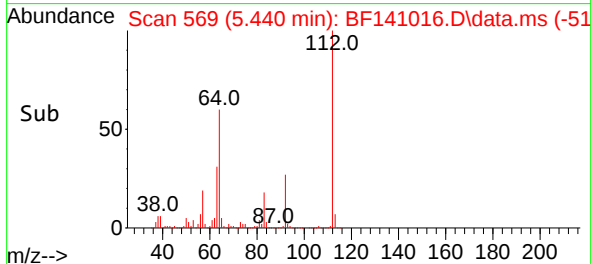
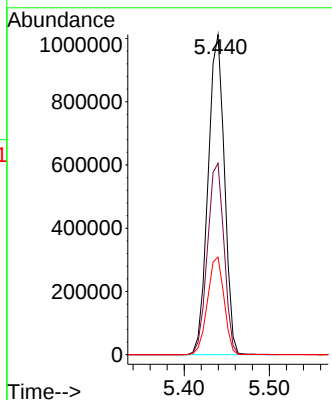
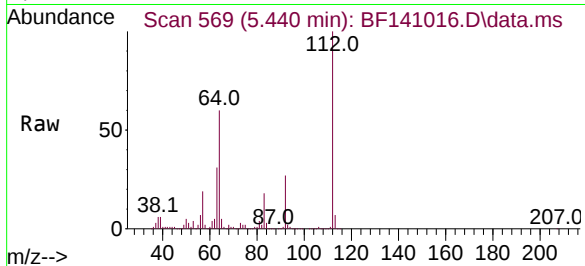




#5  
2-Fluorophenol  
Concen: 85.376 ng  
RT: 5.440 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

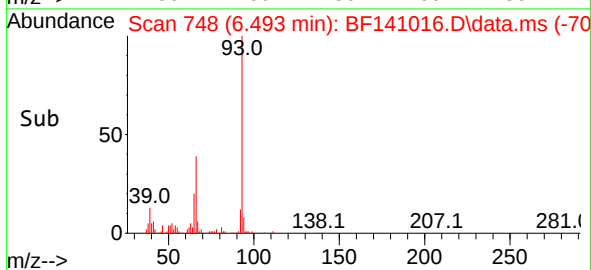
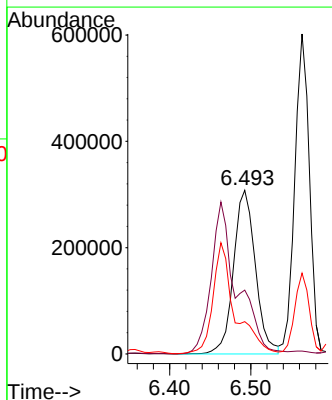
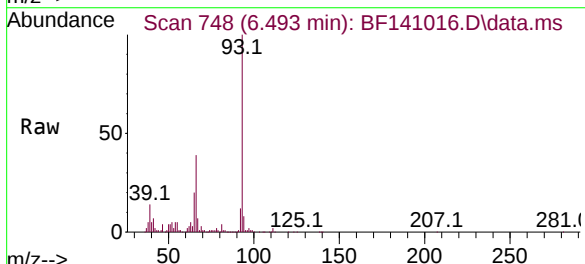
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

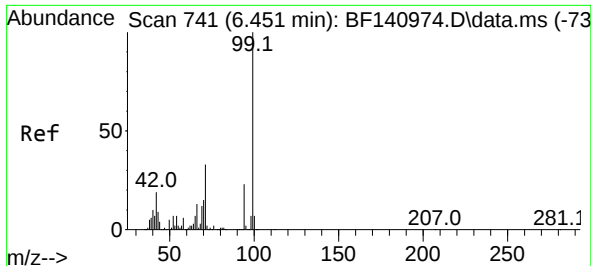
Tgt Ion:112 Resp: 1350839  
Ion Ratio Lower Upper  
112 100  
64 59.8 47.7 71.5  
63 30.5 24.2 36.2



#6  
Aniline  
Concen: 31.686 ng  
RT: 6.493 min Scan# 748  
Delta R.T. -0.018 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion: 93 Resp: 575998  
Ion Ratio Lower Upper  
93 100  
66 39.0 31.8 47.8  
65 19.8 15.4 23.0





#7

Phenol-d6

Concen: 82.009 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

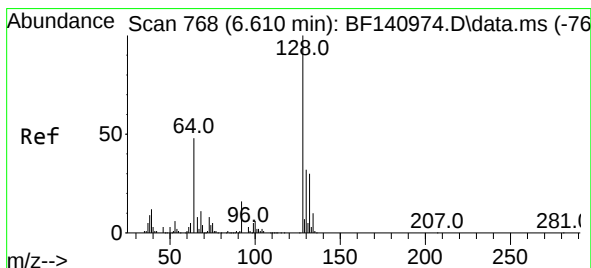
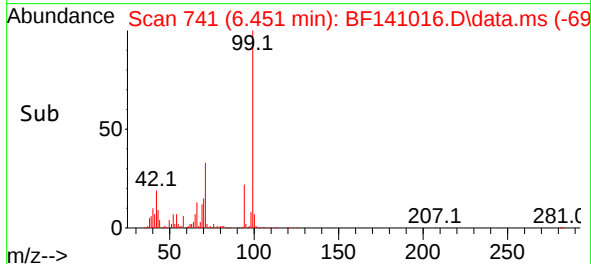
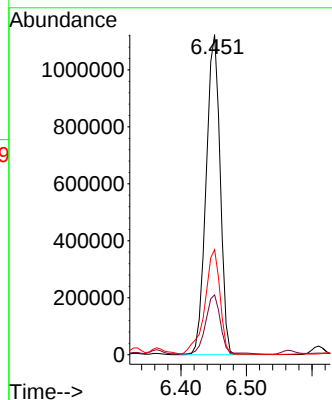
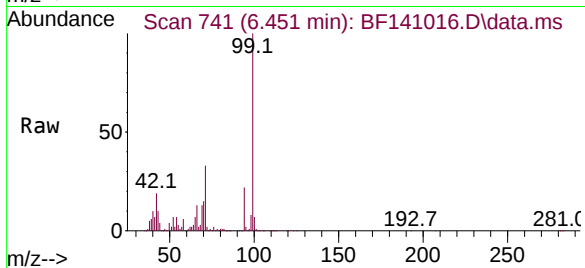
BNA\_F

ClientSampleId :

TR-05-122624MS

Tgt Ion: 99 Resp: 1671540

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.7  | 15.0  | 22.4  |
| 71  | 32.8  | 26.2  | 39.2  |



#8

2-Chlorophenol

Concen: 45.155 ng

RT: 6.610 min Scan# 768

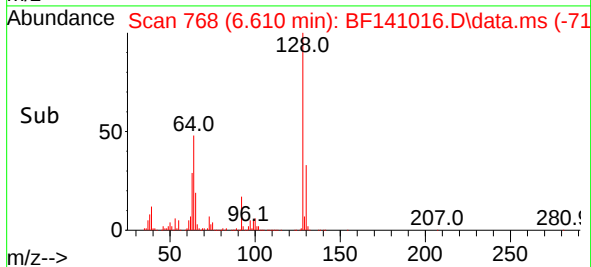
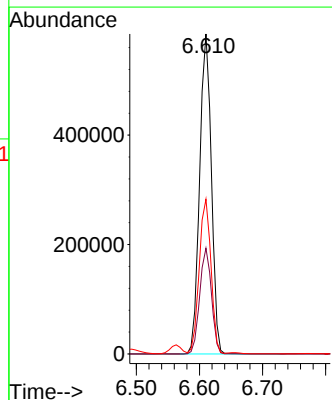
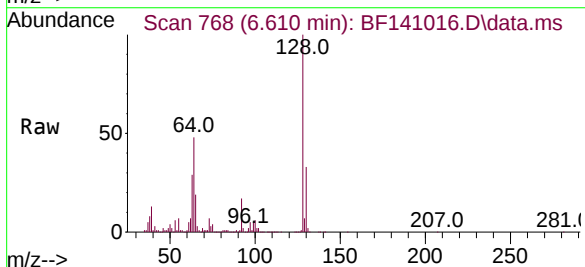
Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Tgt Ion:128 Resp: 753258

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.0  | 12.2  | 52.2  |
| 64  | 48.4  | 30.3  | 70.3  |





#9

Benzaldehyde

Concen: 11.524 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

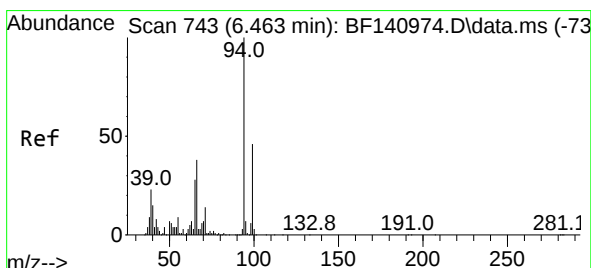
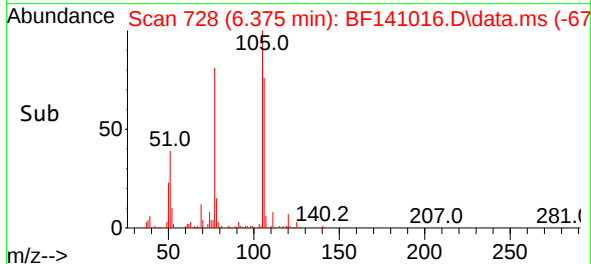
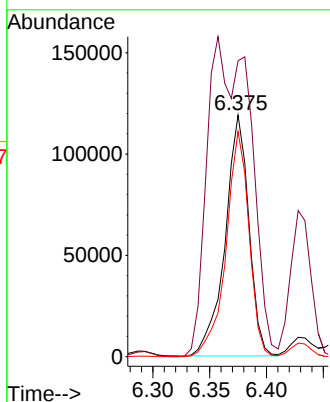
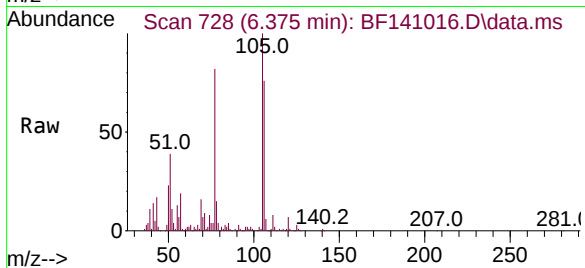
Tgt Ion: 77 Resp: 173530

Ion Ratio Lower Upper

77 100

105 122.5 76.2 116.2#

106 93.2 73.4 113.4



#10

Phenol

Concen: 46.446 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

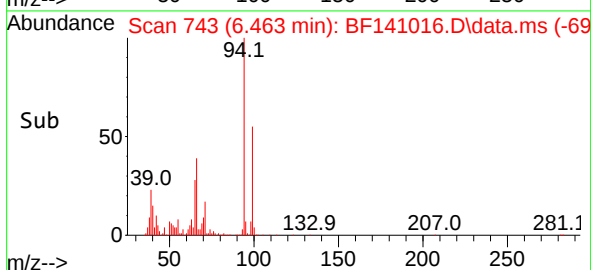
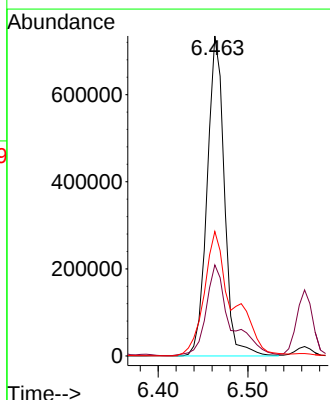
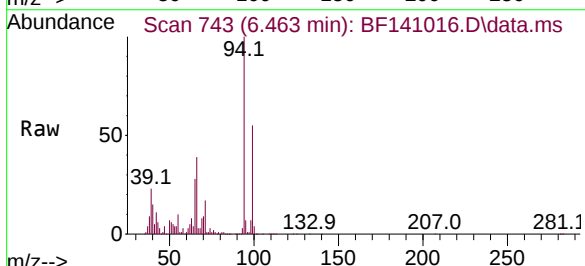
Tgt Ion: 94 Resp: 978895

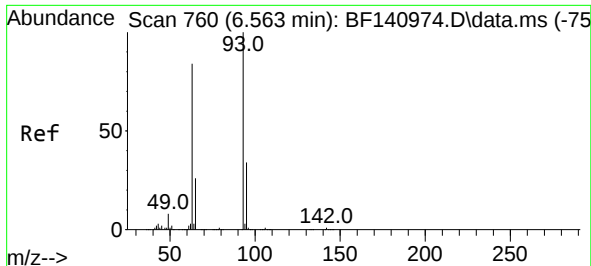
Ion Ratio Lower Upper

94 100

65 28.5 8.1 48.1

66 38.9 18.7 58.7

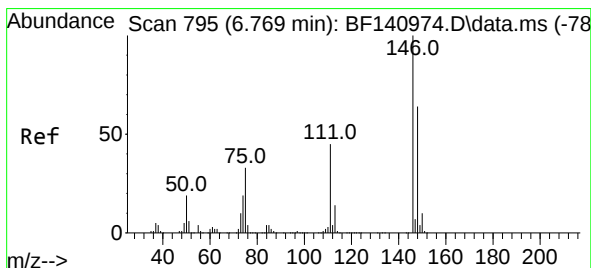
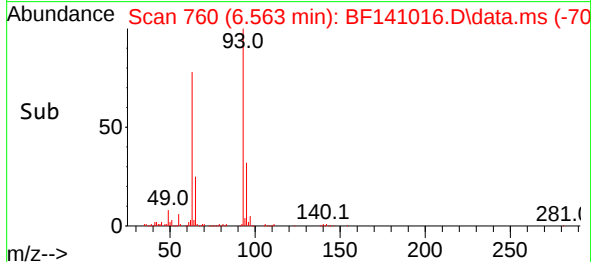
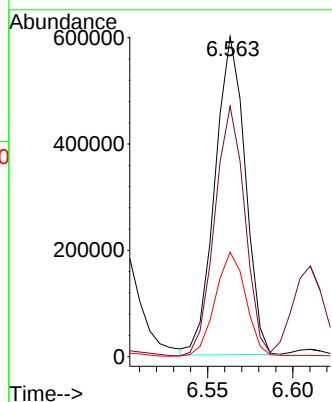
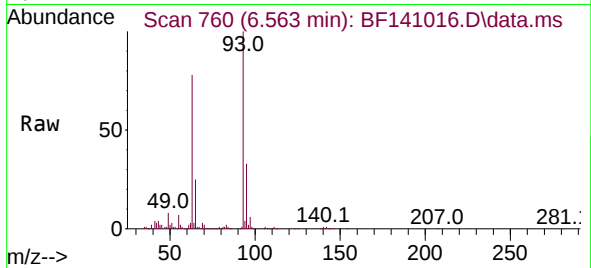




#11  
bis(2-Chloroethyl)ether  
Concen: 43.408 ng  
RT: 6.563 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

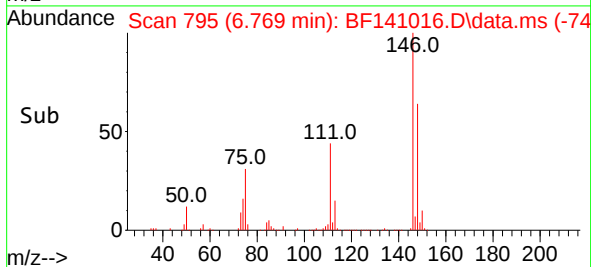
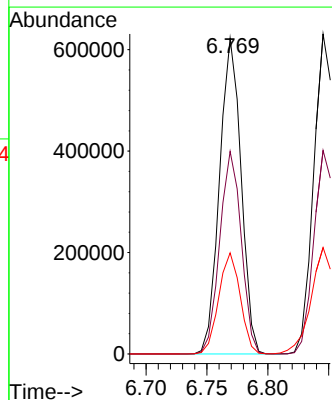
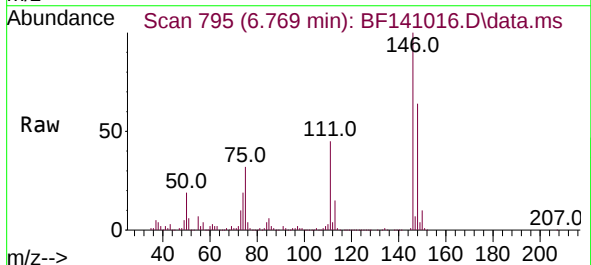
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

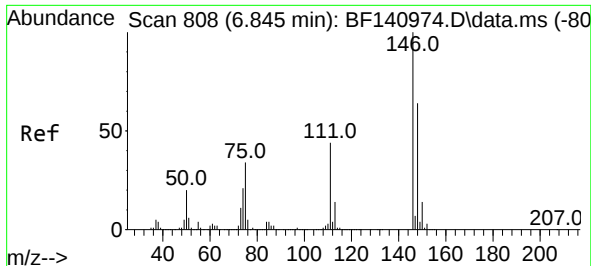
Tgt Ion: 93 Resp: 738701  
Ion Ratio Lower Upper  
93 100  
63 78.3 60.3 100.3  
95 32.7 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 41.620 ng  
RT: 6.769 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion: 146 Resp: 766216  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.0 76.4  
75 32.0 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 41.591 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

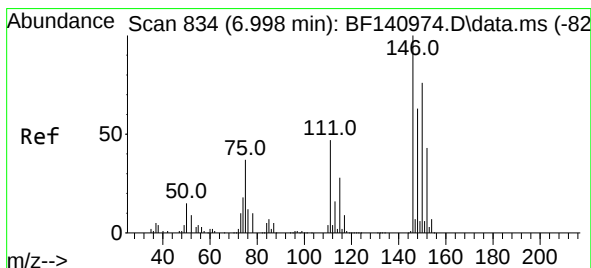
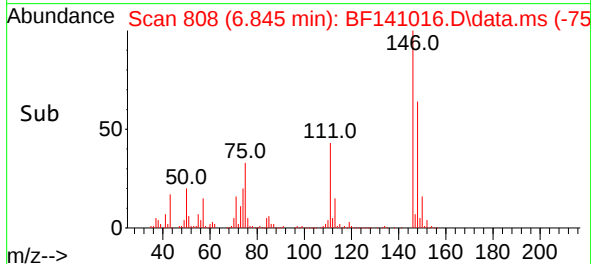
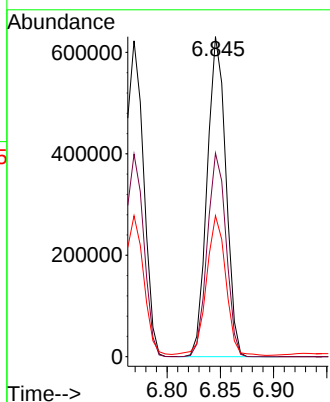
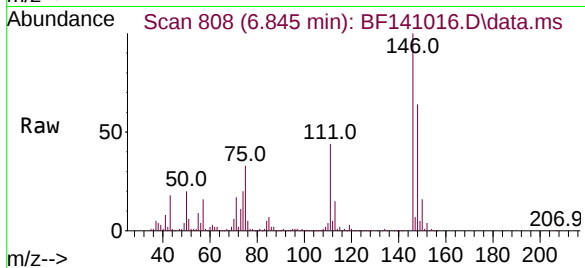
Tgt Ion:146 Resp: 771869

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 44.1 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 42.131 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

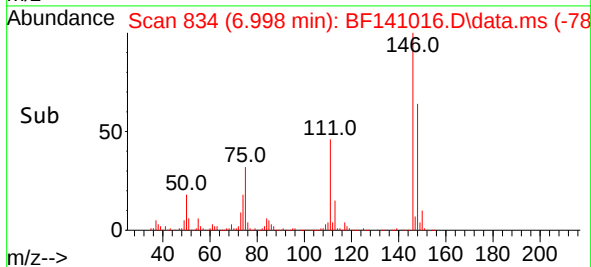
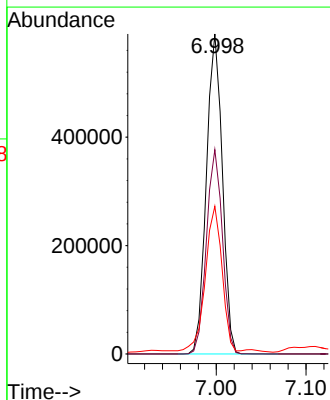
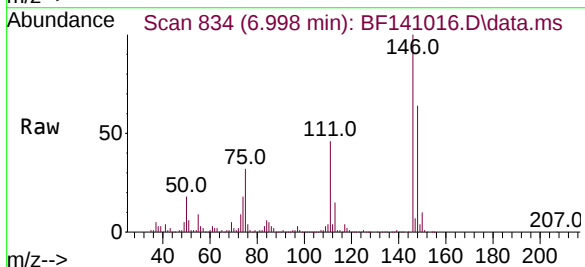
Tgt Ion:146 Resp: 729014

Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

111 46.1 37.3 55.9

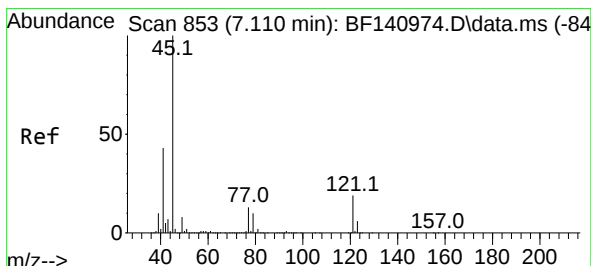
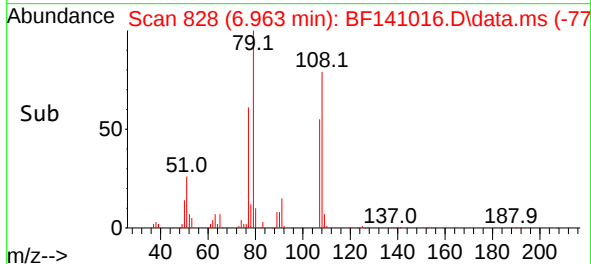
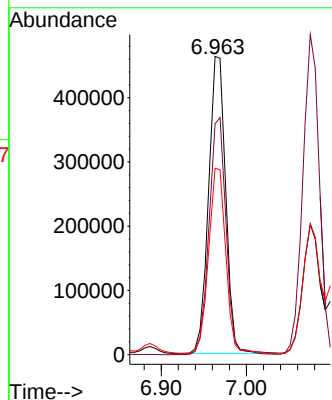
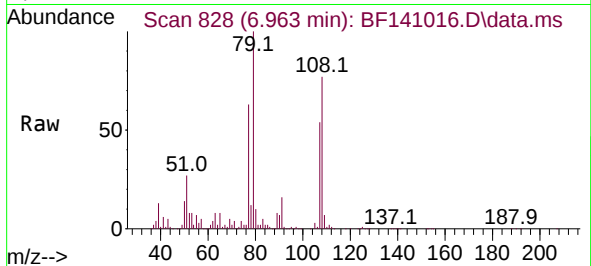




#15  
Benzyl Alcohol  
Concen: 43.753 ng  
RT: 6.963 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

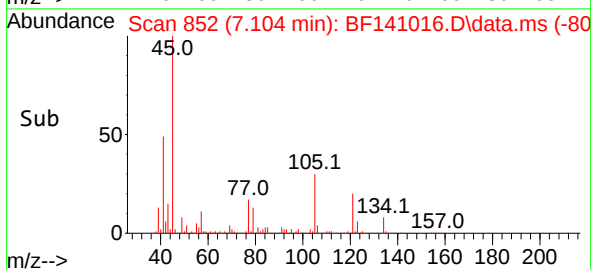
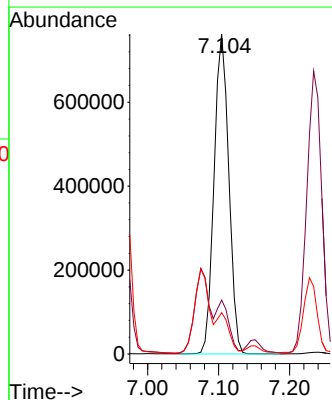
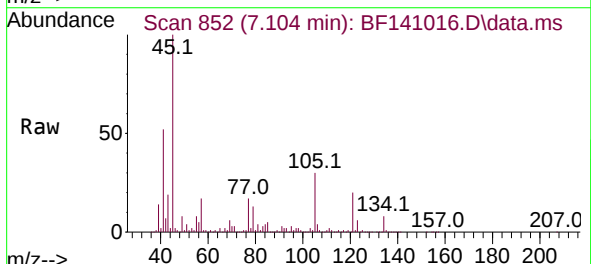
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

Tgt Ion: 79 Resp: 640839  
Ion Ratio Lower Upper  
79 100  
108 77.5 62.5 93.7  
77 62.5 49.3 73.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.515 ng  
RT: 7.104 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion: 45 Resp: 1094142  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 33.1  
79 12.9 0.0 30.1

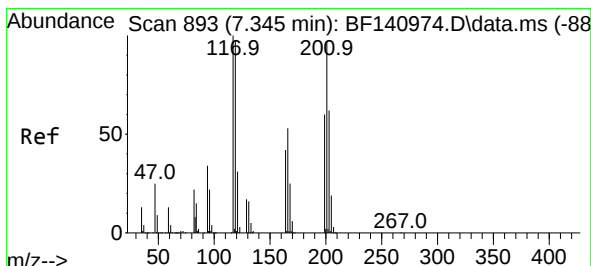
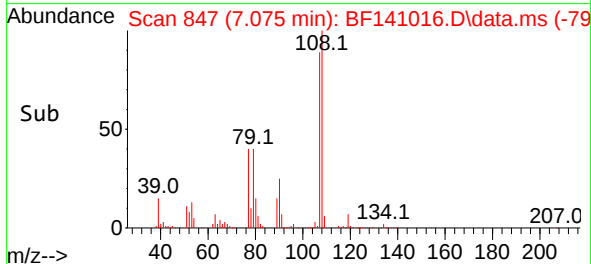
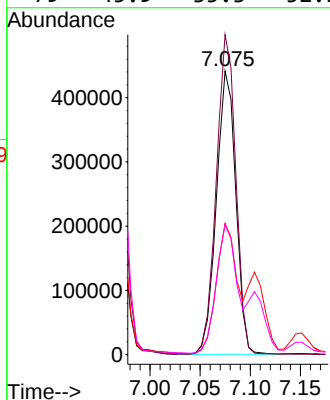
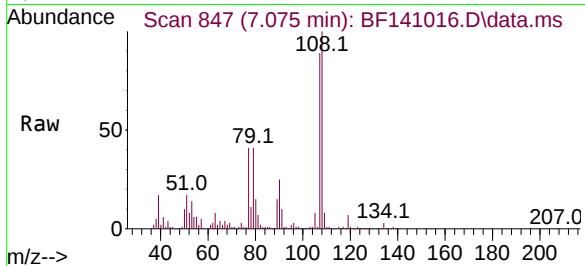




#17  
2-Methylphenol  
Concen: 42.876 ng  
RT: 7.075 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

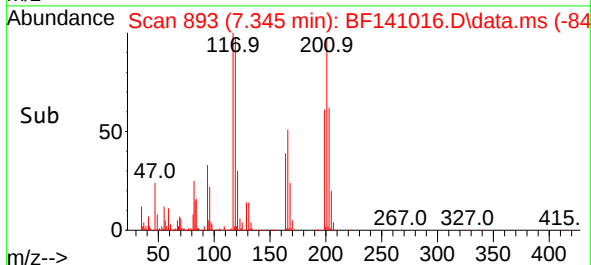
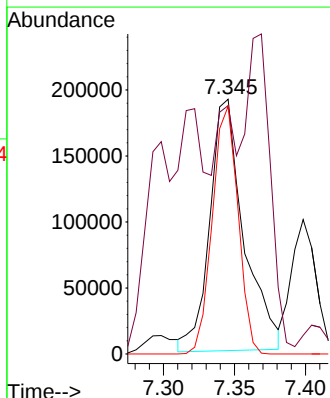
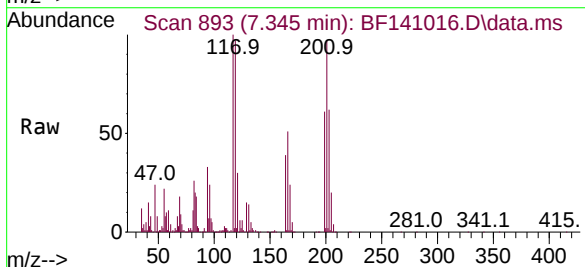
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

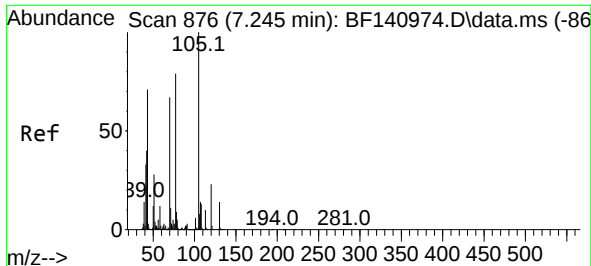
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 594198 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.9 | 90.6  | 136.0  |
| 77       | 46.3  | 35.3  | 52.9   |
| 79       | 45.9  | 35.3  | 52.9   |



#18  
Hexachloroethane  
Concen: 48.326 ng  
RT: 7.345 min Scan# 893  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 318601 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.5  | 77.5  | 116.3  |
| 201      | 97.2  | 77.4  | 116.2  |

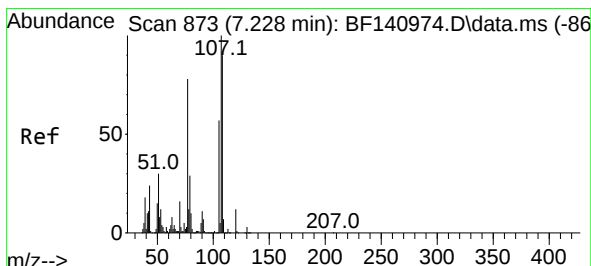
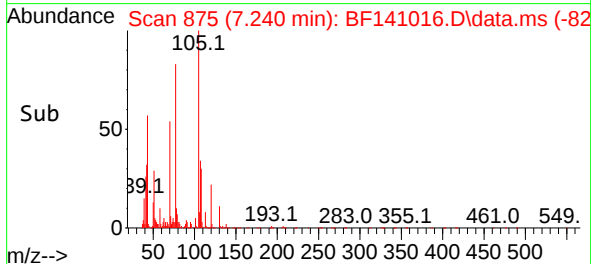
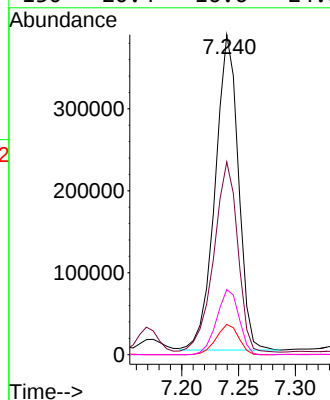
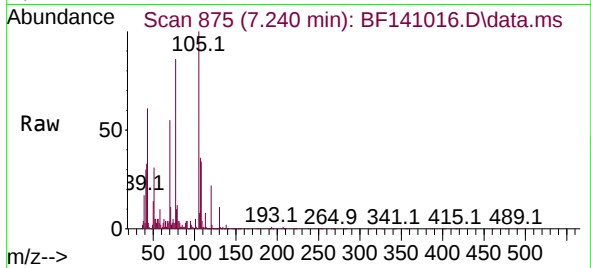




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.933 ng  
RT: 7.240 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

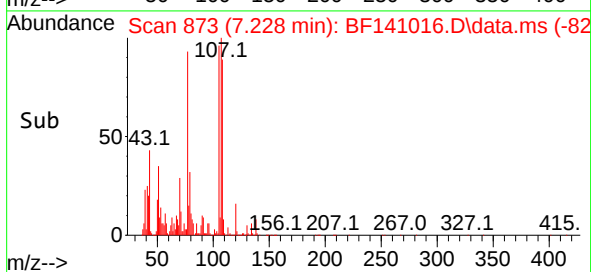
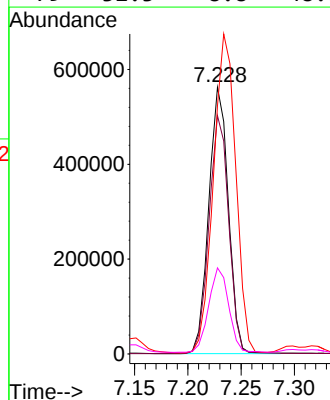
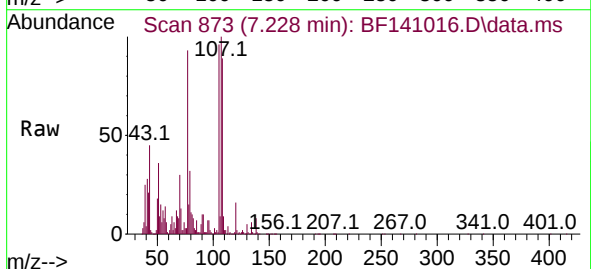
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

Tgt Ion: 70 Resp: 548590  
Ion Ratio Lower Upper  
70 100  
42 60.2 48.1 72.1  
101 9.5 7.6 11.4  
130 20.4 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 41.050 ng  
RT: 7.228 min Scan# 873  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:107 Resp: 719923  
Ion Ratio Lower Upper  
107 100  
108 89.3 69.6 109.6  
77 93.0 57.6 97.6  
79 32.3 8.8 48.8



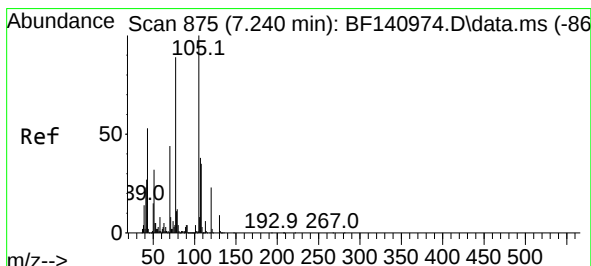
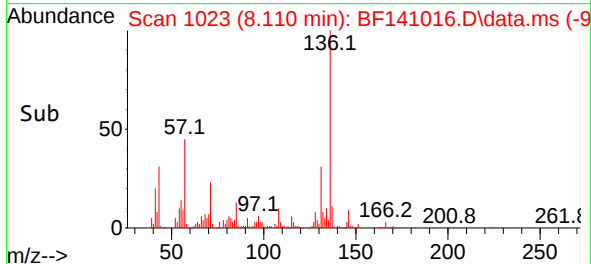
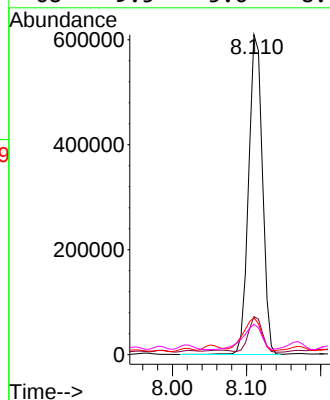
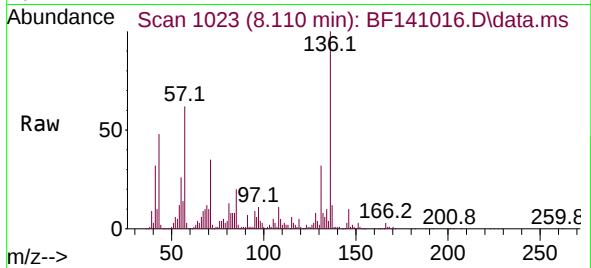


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

Tgt Ion:136 Resp: 787908

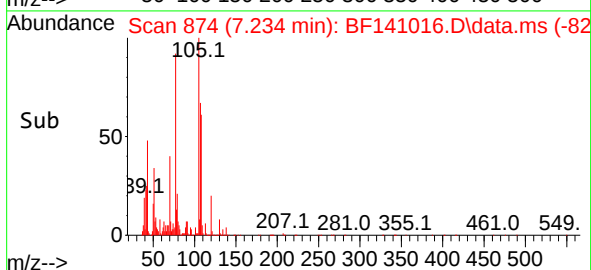
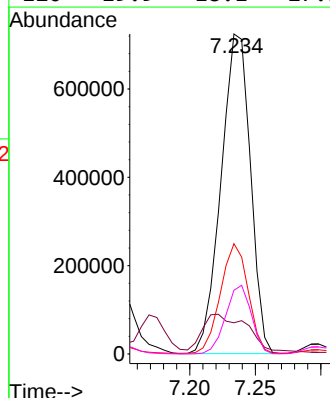
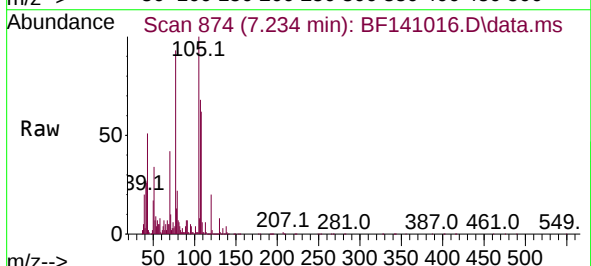
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.9  | 9.0   | 13.4  |
| 54  | 11.5  | 7.6   | 11.4# |
| 68  | 9.5   | 5.6   | 8.4#  |

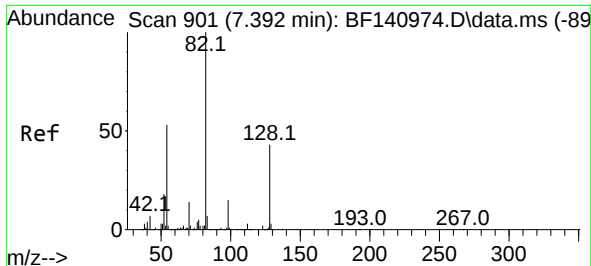


#22  
Acetophenone  
Concen: 58.414 ng  
RT: 7.234 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:105 Resp: 1129060

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 9.7   | 6.1   | 9.1#  |
| 51  | 34.4  | 25.8  | 38.6  |
| 120 | 19.9  | 18.1  | 27.1  |





#23

Nitrobenzene-d5

Concen: 78.128 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

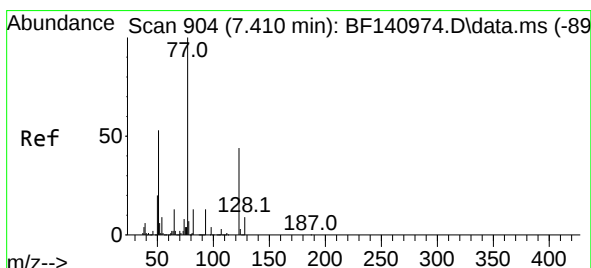
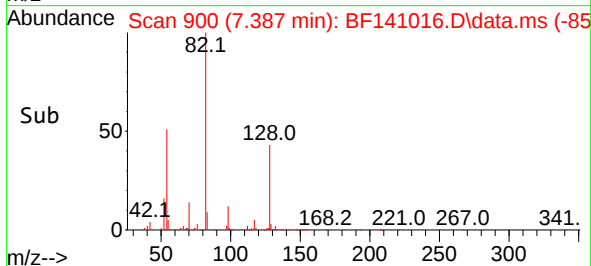
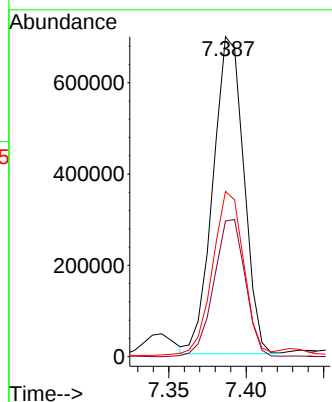
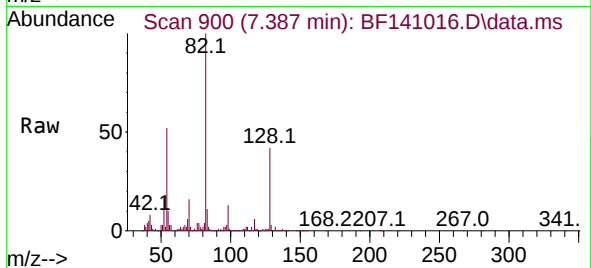
Tgt Ion: 82 Resp: 962167

Ion Ratio Lower Upper

82 100

128 42.4 34.4 51.6

54 51.7 42.4 63.6



#24

Nitrobenzene

Concen: 53.464 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

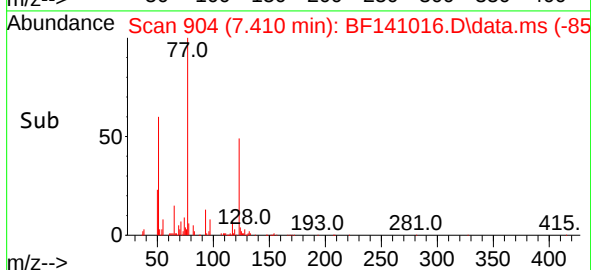
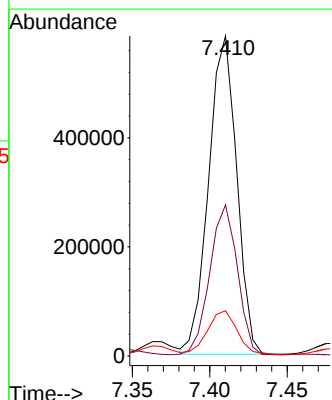
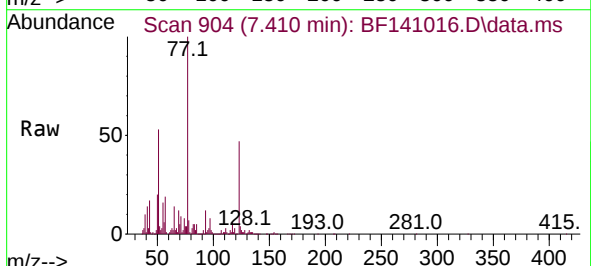
Tgt Ion: 77 Resp: 735723

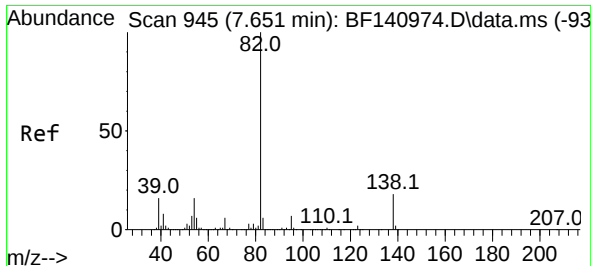
Ion Ratio Lower Upper

77 100

123 47.2 35.4 53.2

65 14.1 10.7 16.1

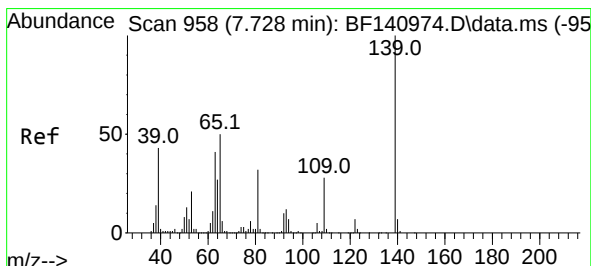
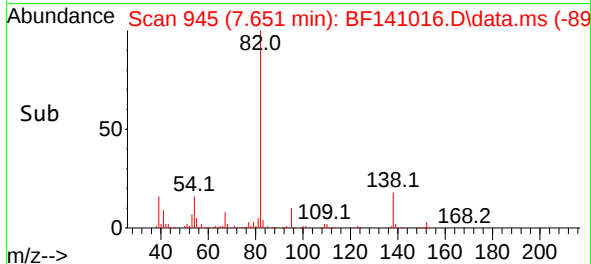
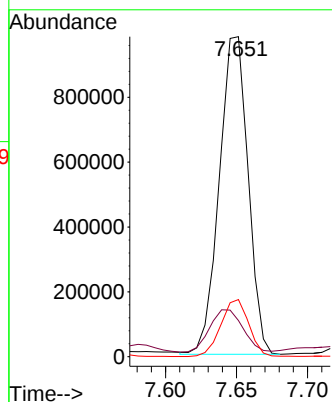
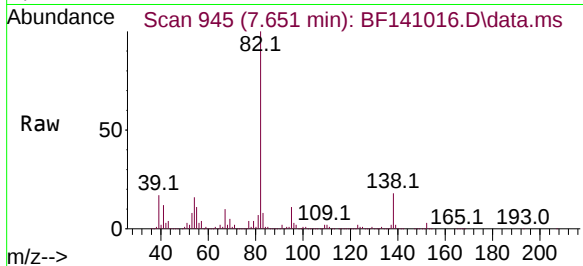




#25  
Isophorone  
Concen: 51.618 ng  
RT: 7.651 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

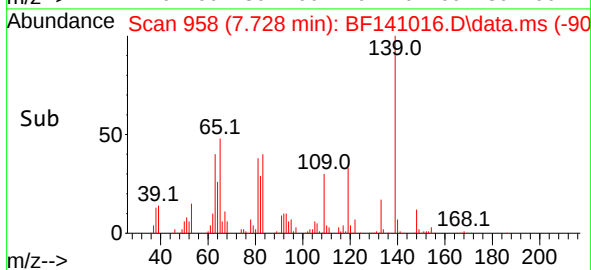
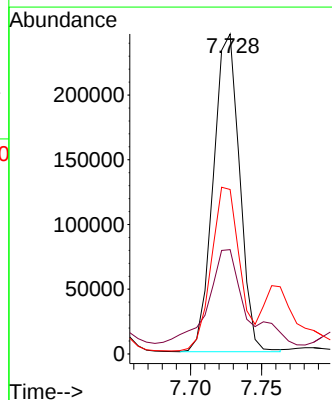
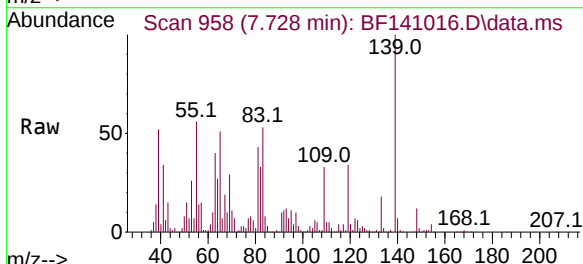
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

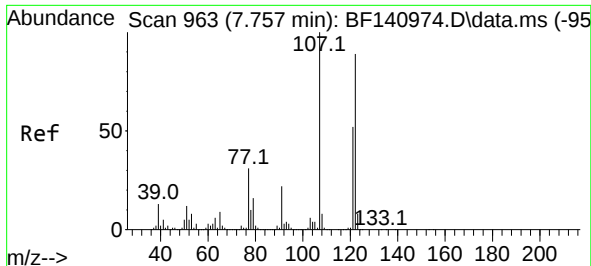
Tgt Ion: 82 Resp: 1383294  
Ion Ratio Lower Upper  
82 100  
95 11.3 5.6 8.4#  
138 17.8 14.6 21.8



#26  
2-Nitrophenol  
Concen: 55.078 ng  
RT: 7.728 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:139 Resp: 315566  
Ion Ratio Lower Upper  
139 100  
109 32.6 22.2 33.4  
65 51.4 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 56.378 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

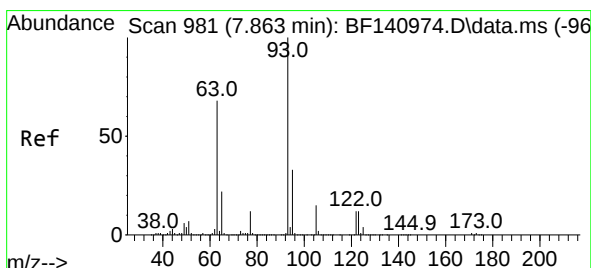
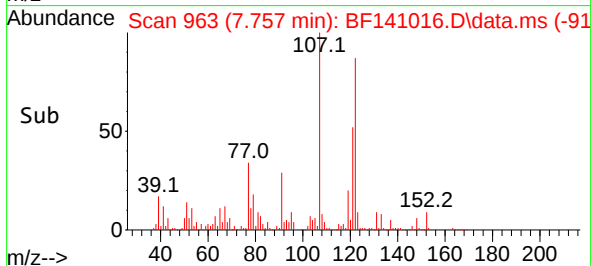
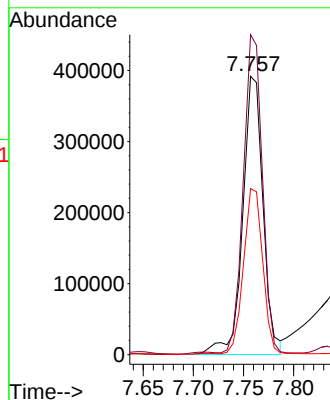
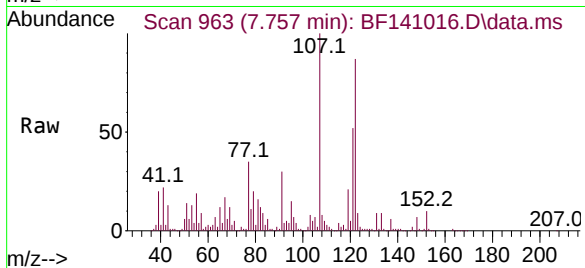
Tgt Ion:122 Resp: 552173

Ion Ratio Lower Upper

122 100

107 114.9 89.4 134.2

121 59.6 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.343 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

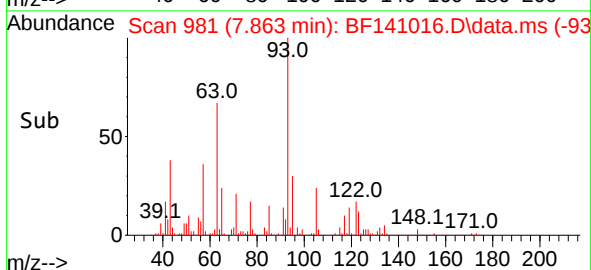
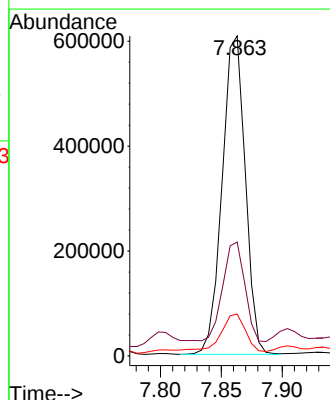
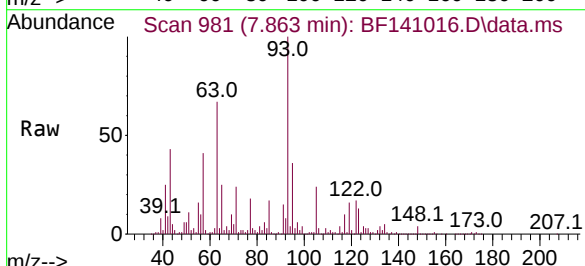
Tgt Ion: 93 Resp: 803852

Ion Ratio Lower Upper

93 100

95 35.6 26.2 39.4

123 13.1 9.9 14.9

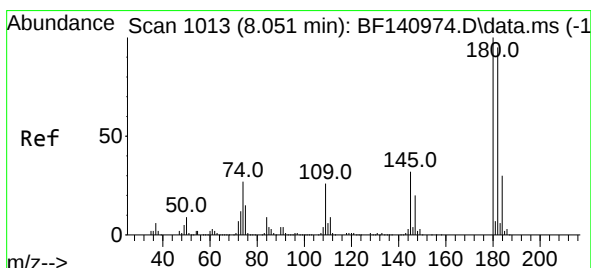
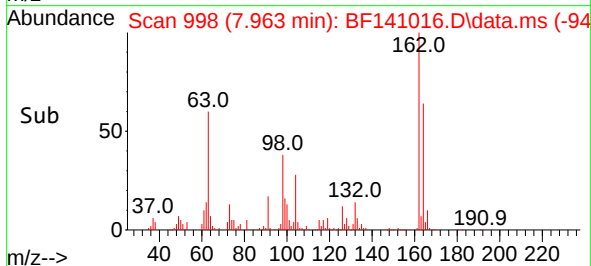
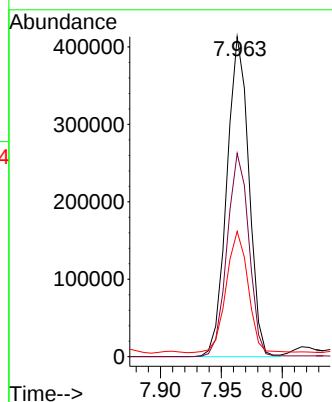
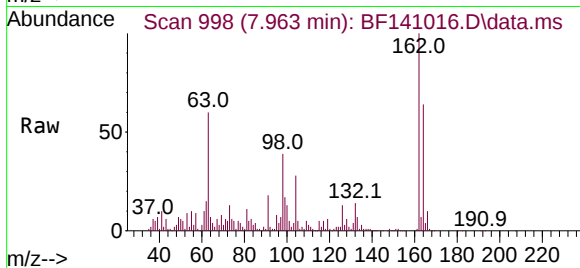




#29  
2,4-Dichlorophenol  
Concen: 46.785 ng  
RT: 7.963 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

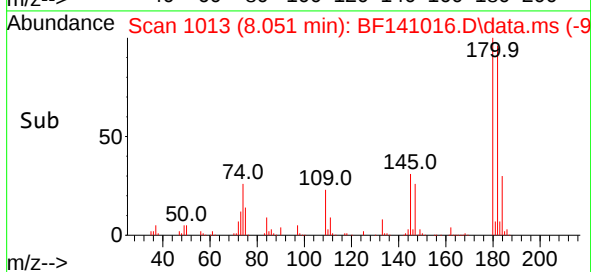
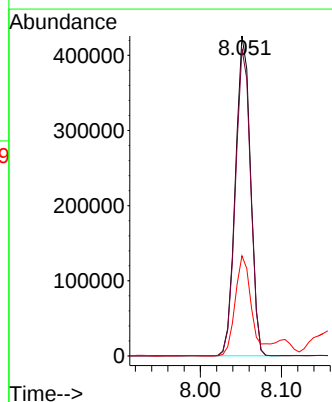
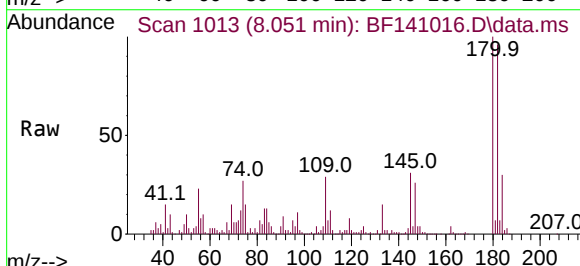
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

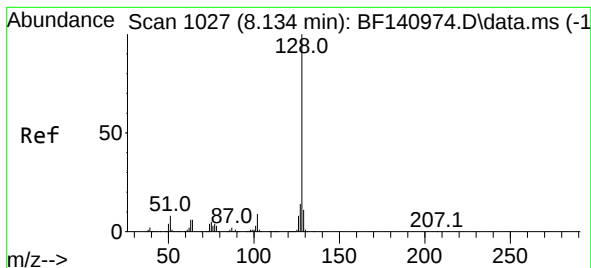
Tgt Ion:162 Resp: 519688  
Ion Ratio Lower Upper  
162 100  
164 63.5 44.8 84.8  
98 39.2 18.6 58.6



#30  
1,2,4-Trichlorobenzene  
Concen: 43.719 ng  
RT: 8.051 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:180 Resp: 549660  
Ion Ratio Lower Upper  
180 100  
182 95.9 76.2 114.4  
145 31.3 25.4 38.2





#31

Naphthalene

Concen: 49.646 ng

RT: 8.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

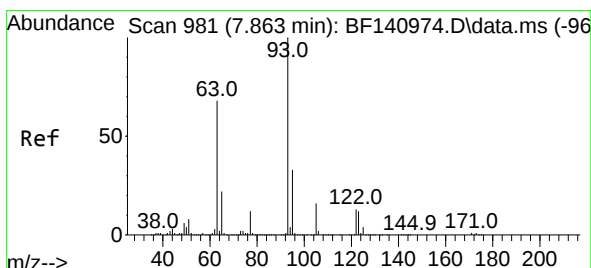
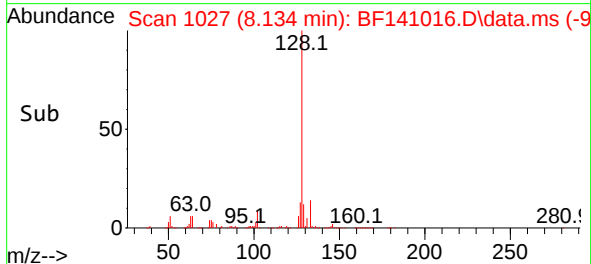
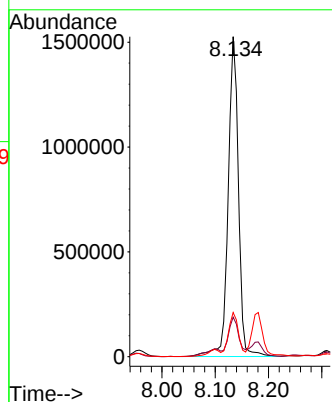
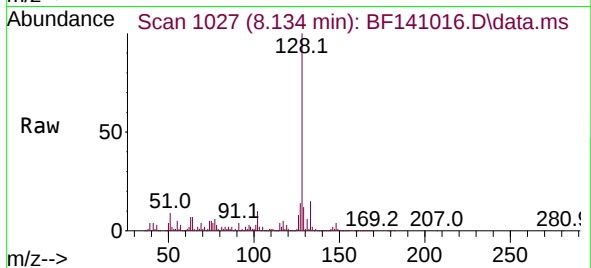
Tgt Ion:128 Resp: 2061188

Ion Ratio Lower Upper

128 100

129 12.4 9.2 13.8

127 13.8 11.0 16.4



#32

Benzoic acid

Concen: 45.849 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

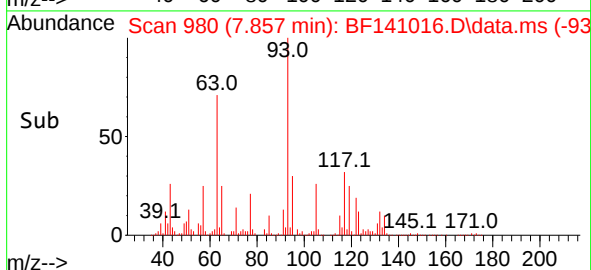
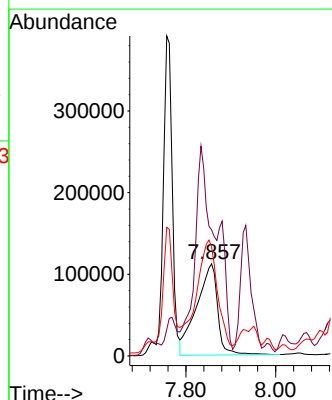
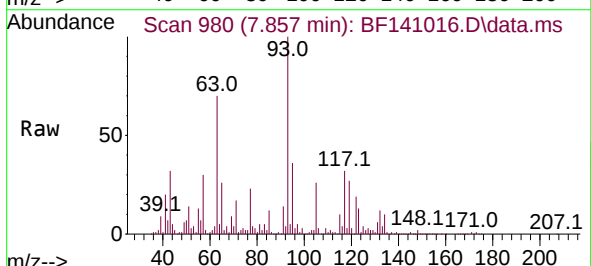
Tgt Ion:122 Resp: 366232

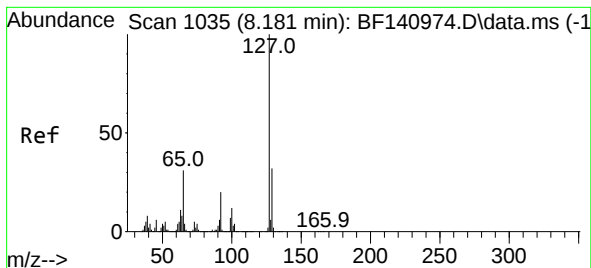
Ion Ratio Lower Upper

122 100

105 136.8 105.4 145.4

77 118.6 76.4 116.4#





#33

4-Chloroaniline

Concen: 19.691 ng

RT: 8.181 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

Tgt Ion:127 Resp: 295758

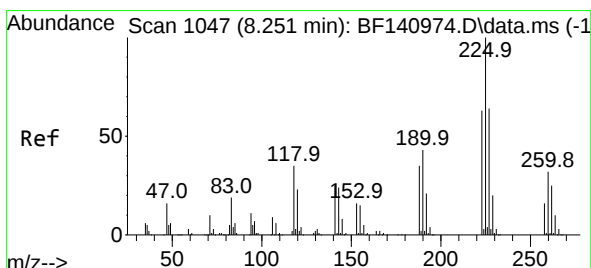
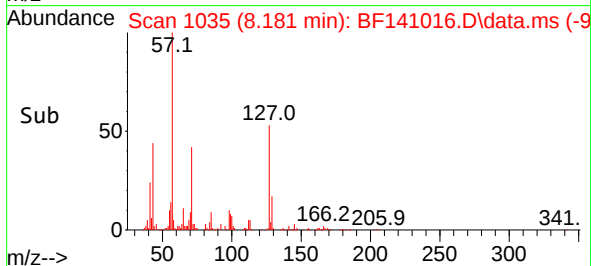
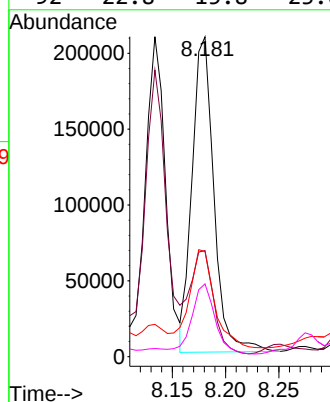
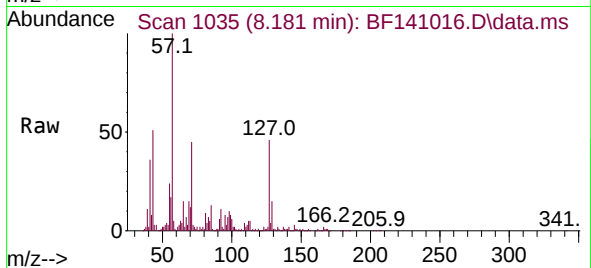
Ion Ratio Lower Upper

127 100

129 33.2 26.1 39.1

65 32.8 24.6 37.0

92 22.8 15.8 23.6



#34

Hexachlorobutadiene

Concen: 45.591 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

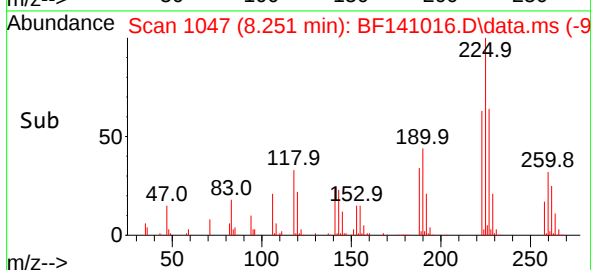
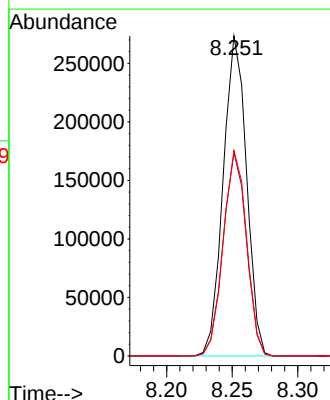
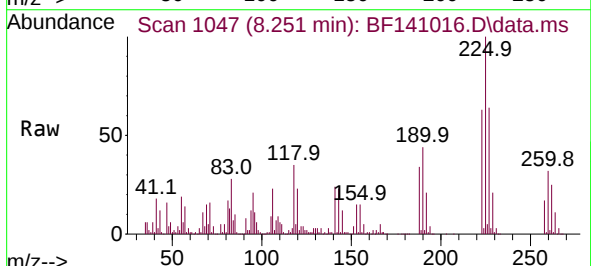
Tgt Ion:225 Resp: 337913

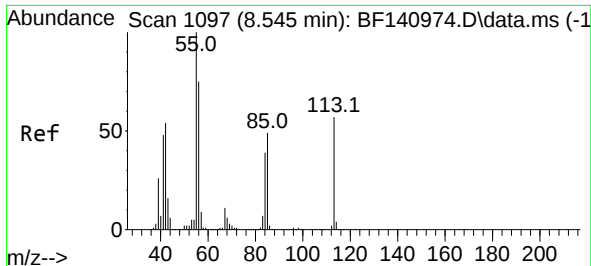
Ion Ratio Lower Upper

225 100

223 63.5 50.3 75.5

227 64.2 50.8 76.2

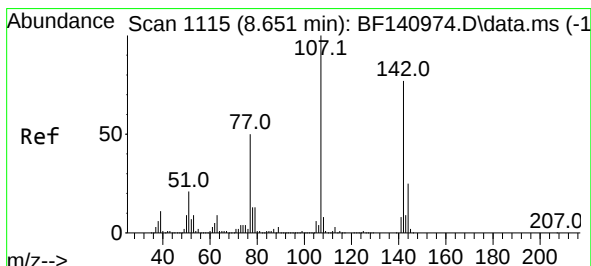
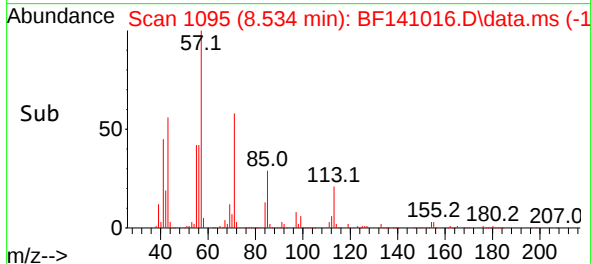
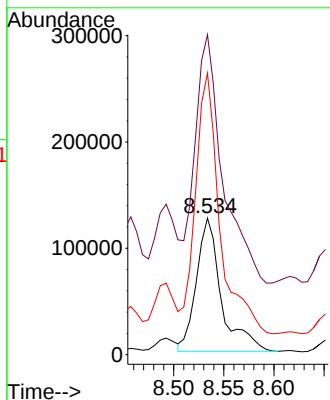
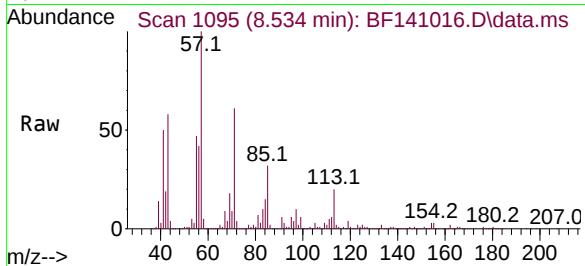




#35  
Caprolactam  
Concen: 57.394 ng  
RT: 8.534 min Scan# 1095  
Delta R.T. -0.012 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

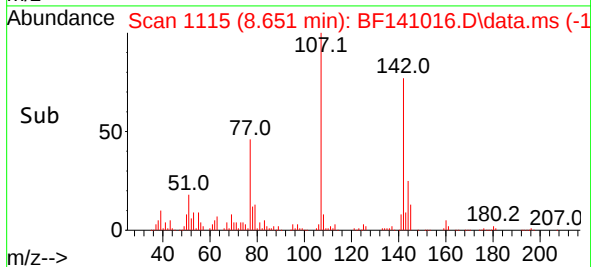
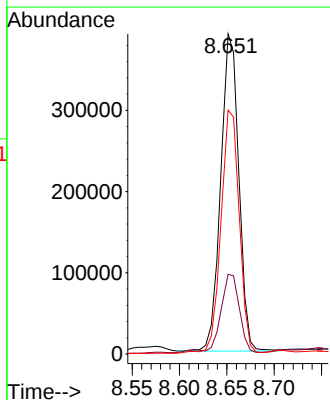
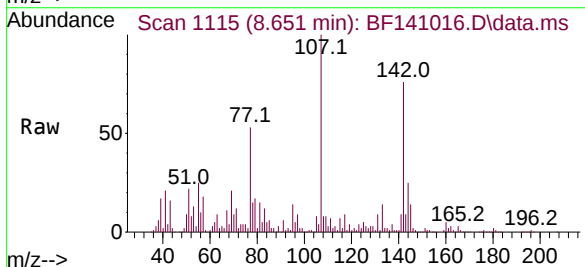
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

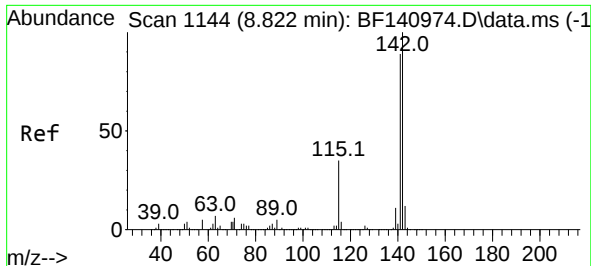
Tgt Ion:113 Resp: 216733  
Ion Ratio Lower Upper  
113 100  
55 234.2 156.6 196.6#  
56 206.1 111.7 151.7#



#36  
4-Chloro-3-methylphenol  
Concen: 42.115 ng  
RT: 8.651 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:107 Resp: 519539  
Ion Ratio Lower Upper  
107 100  
144 24.9 19.9 29.9  
142 76.2 61.8 92.8





#37

2-Methylnaphthalene

Concen: 49.357 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

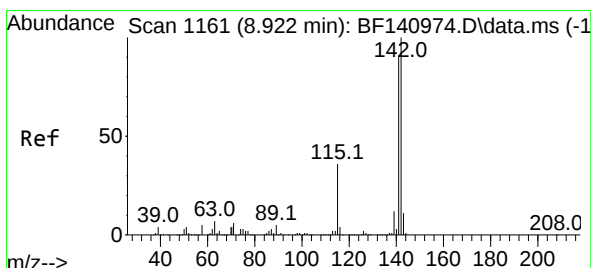
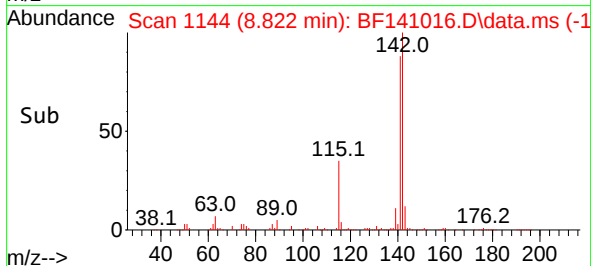
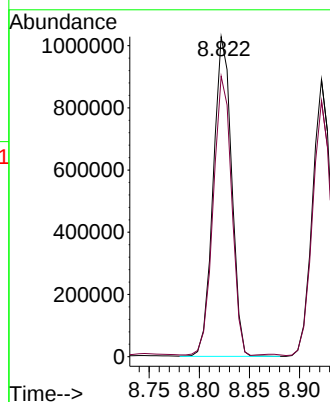
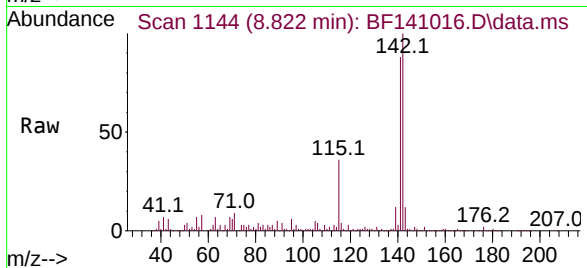
TR-05-122624MS

Tgt Ion:142 Resp: 1310957

Ion Ratio Lower Upper

142 100

141 87.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 43.294 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141016.D

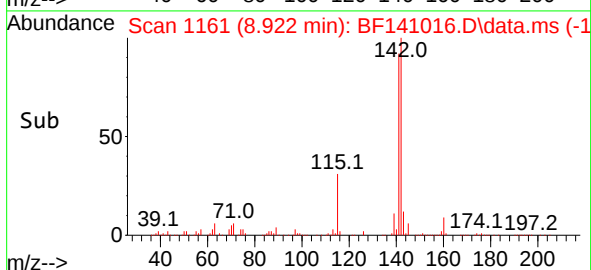
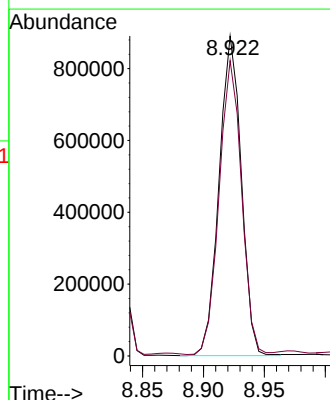
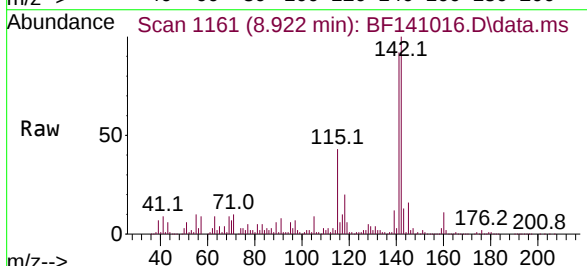
Acq: 27 Dec 2024 23:55

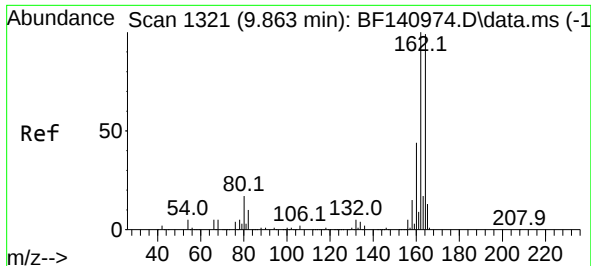
Tgt Ion:142 Resp: 1130101

Ion Ratio Lower Upper

142 100

141 92.3 72.7 109.1

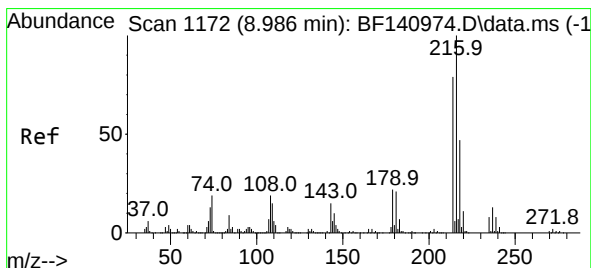
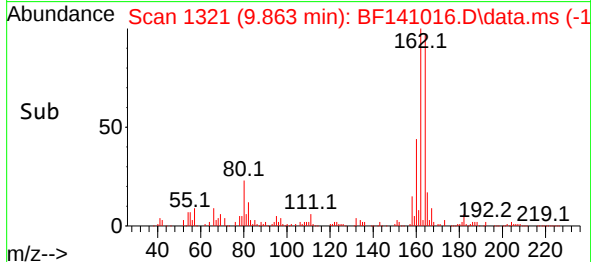
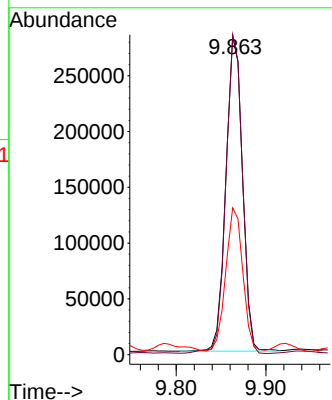
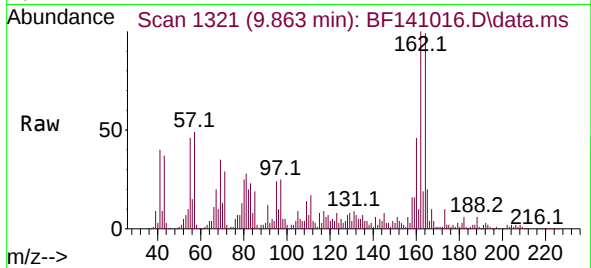




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

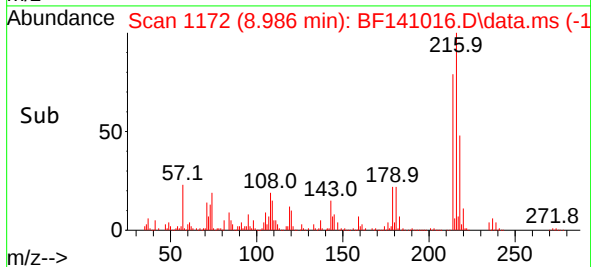
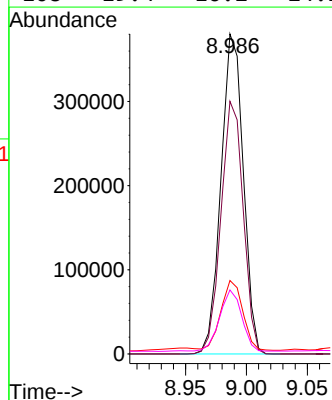
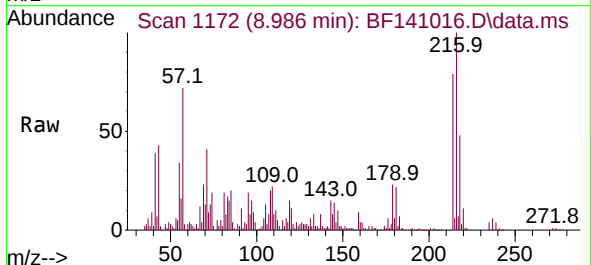
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

Tgt Ion:164 Resp: 363232  
Ion Ratio Lower Upper  
164 100  
162 100.6 80.6 120.8  
160 46.2 35.7 53.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.475 ng  
RT: 8.986 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:216 Resp: 484412  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.0 94.6  
179 21.6 17.9 26.9  
108 19.4 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 21.625 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

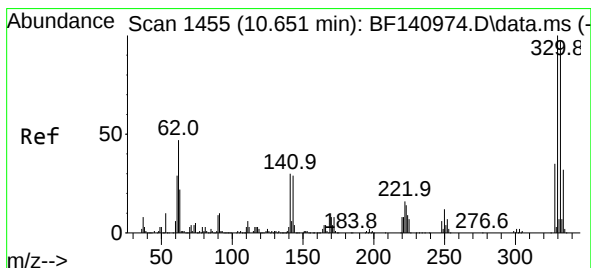
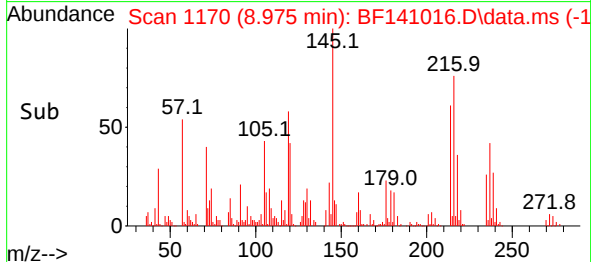
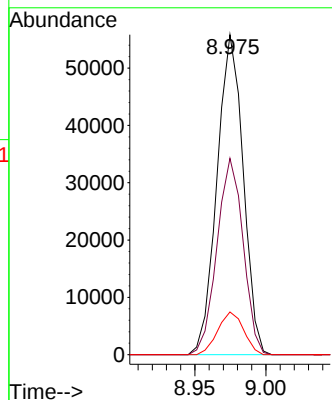
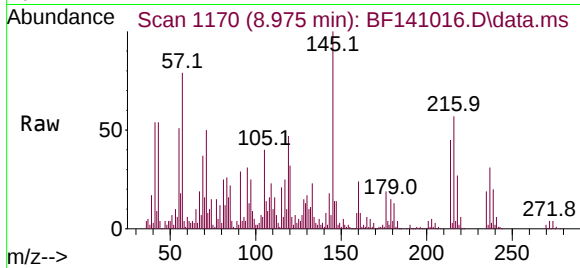
Tgt Ion:237 Resp: 71612

Ion Ratio Lower Upper

237 100

235 61.4 43.4 83.4

272 13.3 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 95.530 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

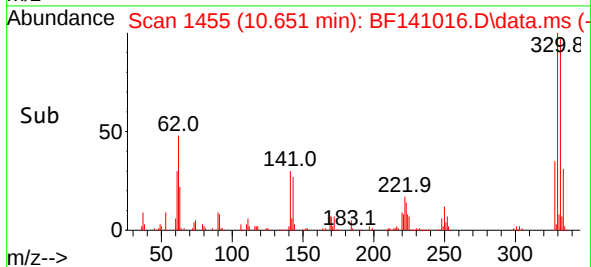
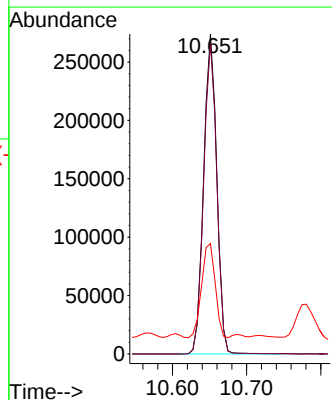
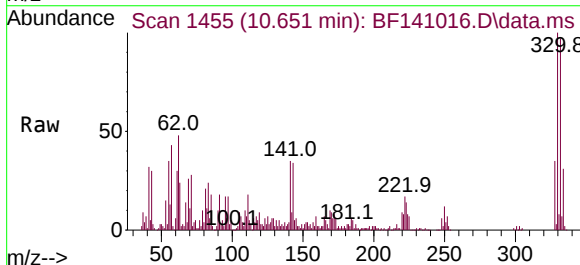
Tgt Ion:330 Resp: 337179

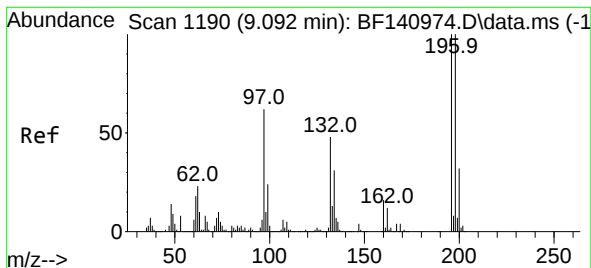
Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

141 30.3 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 49.209 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

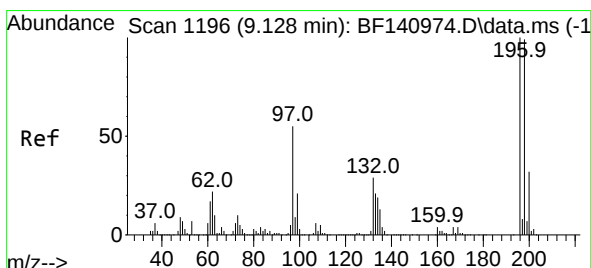
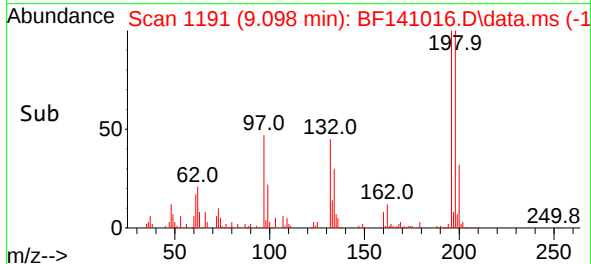
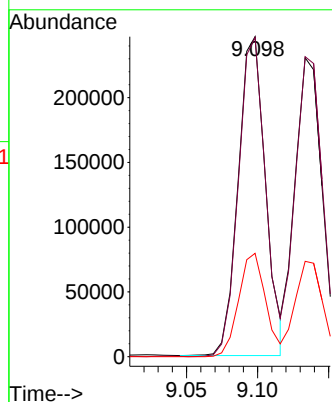
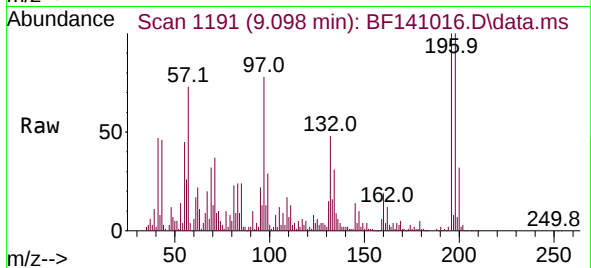
Tgt Ion:196 Resp: 327279

Ion Ratio Lower Upper

196 100

198 99.7 80.2 120.4

200 32.3 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 44.739 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Tgt Ion:196 Resp: 304453

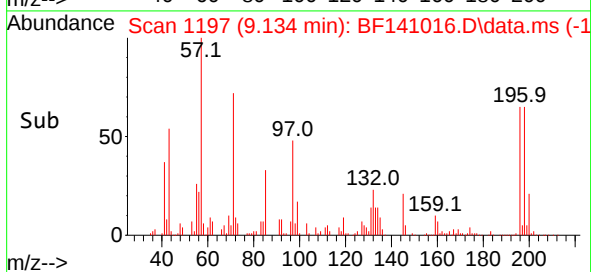
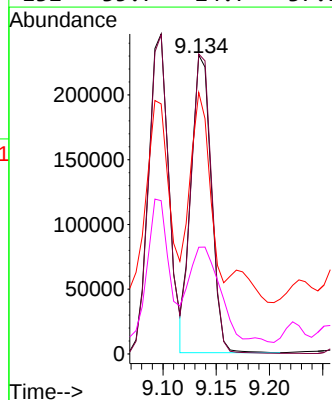
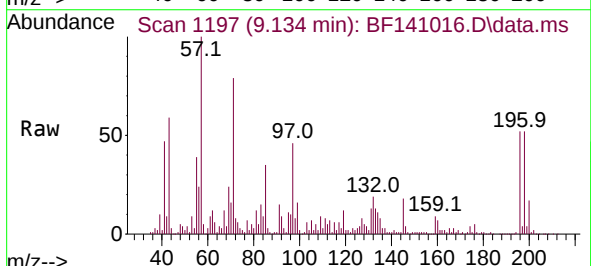
Ion Ratio Lower Upper

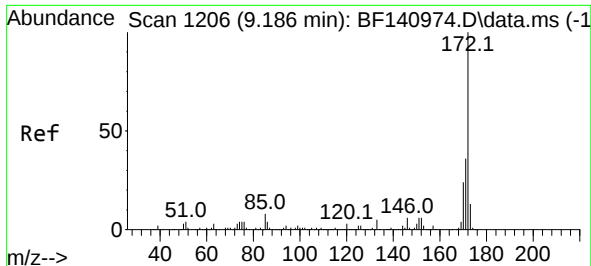
196 100

198 100.3 79.9 119.9

97 87.4 44.3 66.5#

132 35.7 24.7 37.1

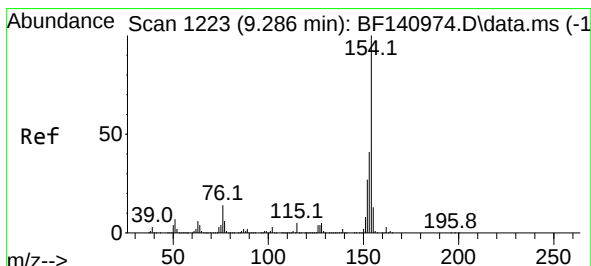
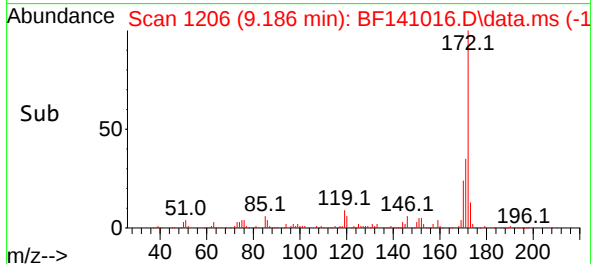
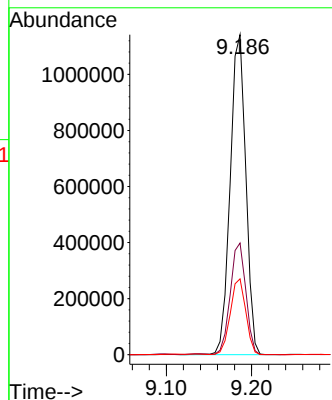
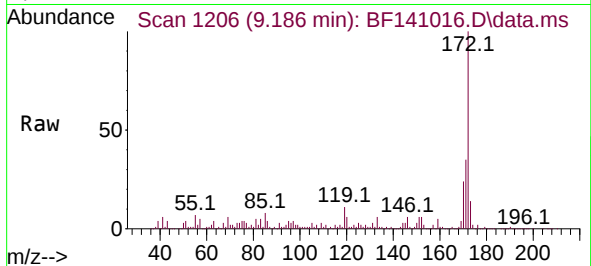




#45  
2-Fluorobiphenyl  
Concen: 63.812 ng  
RT: 9.186 min Scan# 1206  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

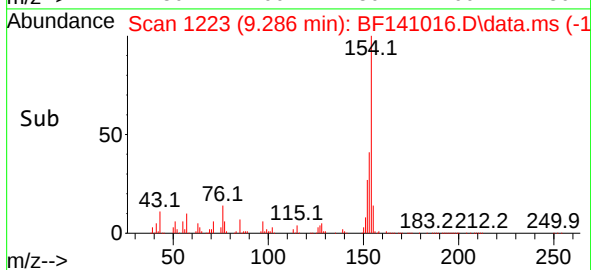
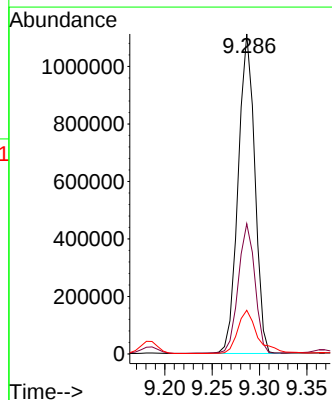
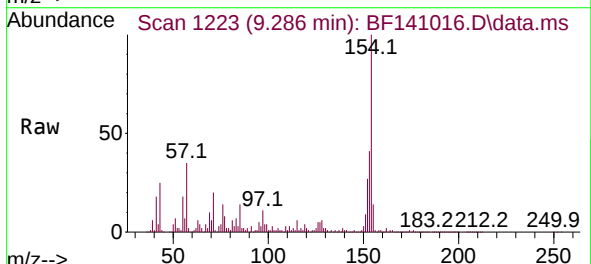
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

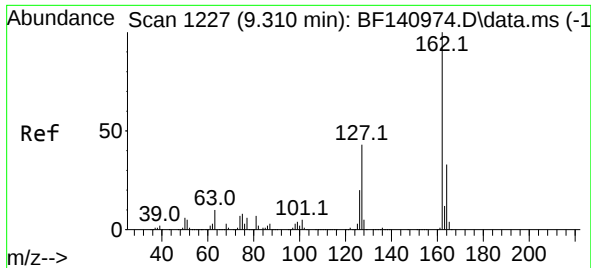
Tgt Ion:172 Resp: 1454800  
Ion Ratio Lower Upper  
172 100  
171 34.9 29.0 43.4  
170 23.7 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 48.781 ng  
RT: 9.286 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:154 Resp: 1356730  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.9 60.9  
76 13.6 0.0 34.0

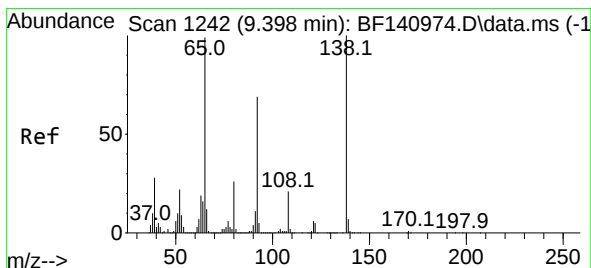
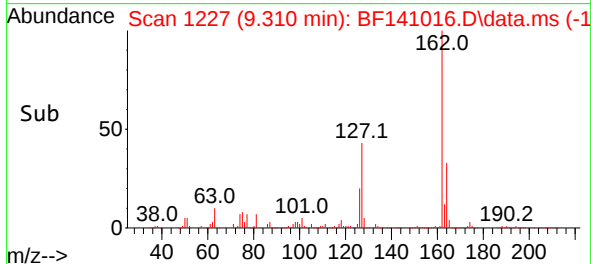
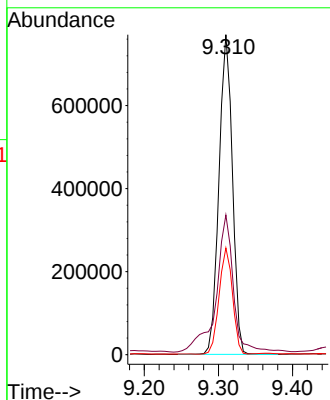
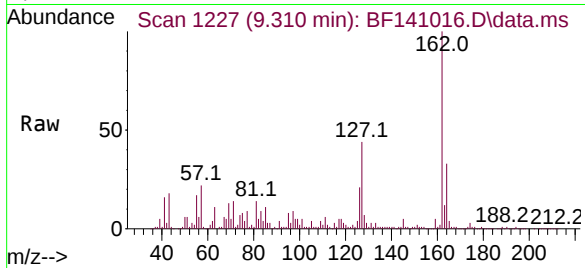




#47  
2-Chloronaphthalene  
Concen: 45.055 ng  
RT: 9.310 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

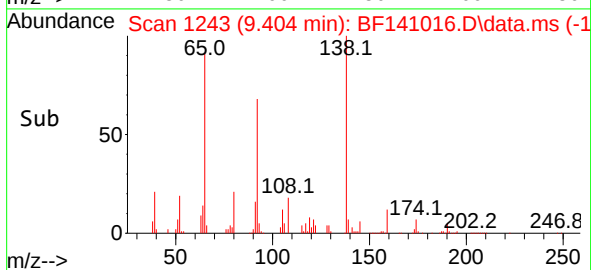
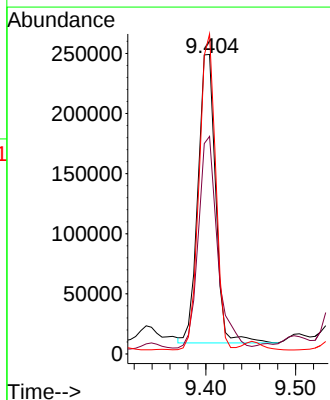
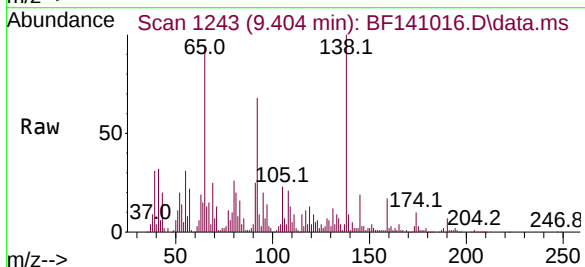
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

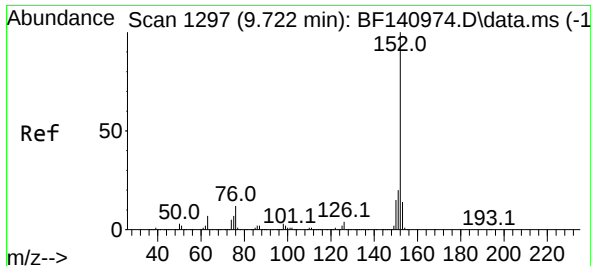
Tgt Ion:162 Resp: 971869  
Ion Ratio Lower Upper  
162 100  
127 43.6 34.2 51.4  
164 33.3 26.6 40.0



#48  
2-Nitroaniline  
Concen: 57.038 ng  
RT: 9.404 min Scan# 1243  
Delta R.T. 0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion: 65 Resp: 327325  
Ion Ratio Lower Upper  
65 100  
92 72.7 55.6 83.4  
138 106.9 80.5 120.7

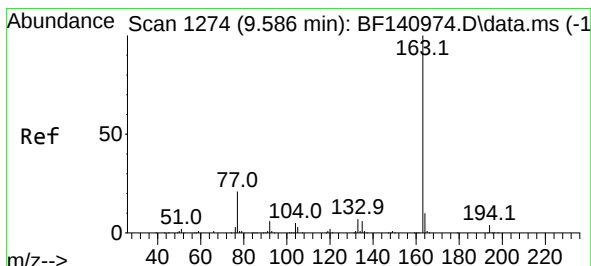
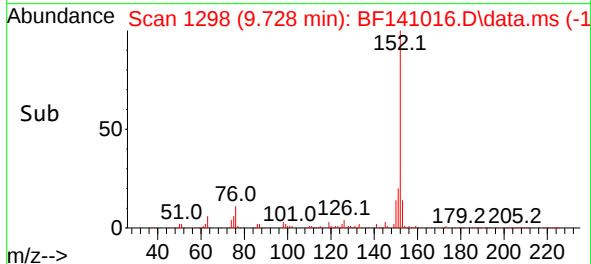
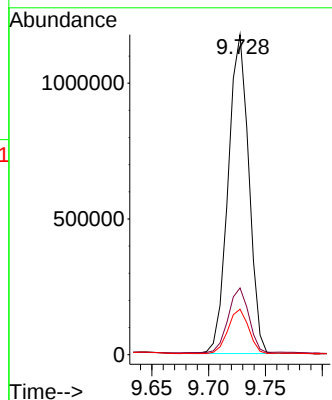
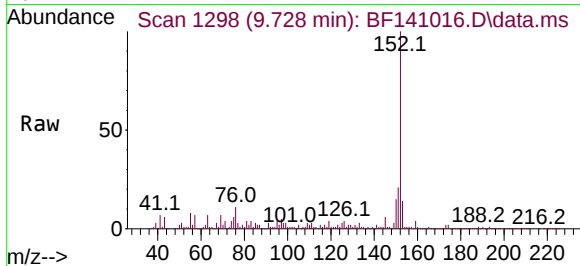




#49  
Acenaphthylene  
Concen: 47.794 ng  
RT: 9.728 min Scan# 1297  
Delta R.T. 0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

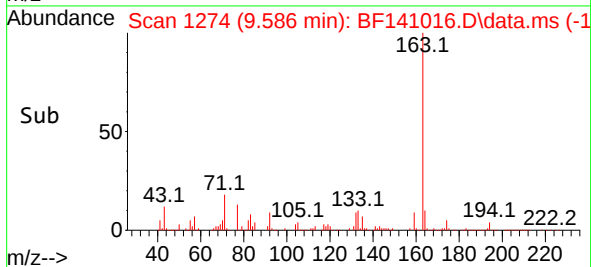
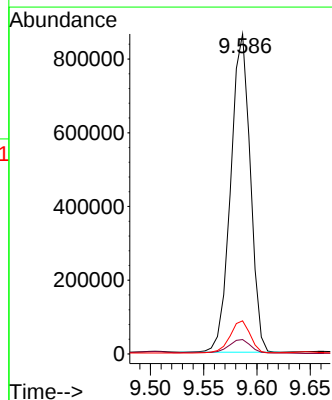
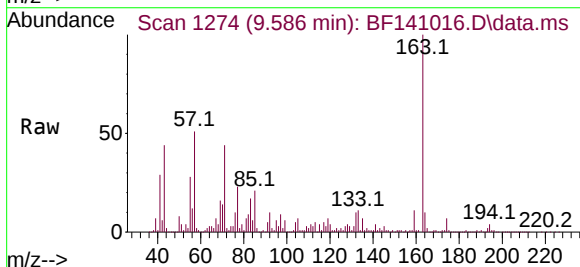
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

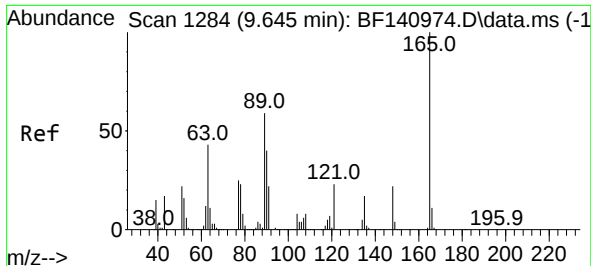
Tgt Ion:152 Resp: 1484087  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.2 24.4  
153 14.2 11.4 17.0



#50  
Dimethylphthalate  
Concen: 46.248 ng  
RT: 9.586 min Scan# 1274  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:163 Resp: 1104961  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.1 4.7  
164 10.4 8.3 12.5

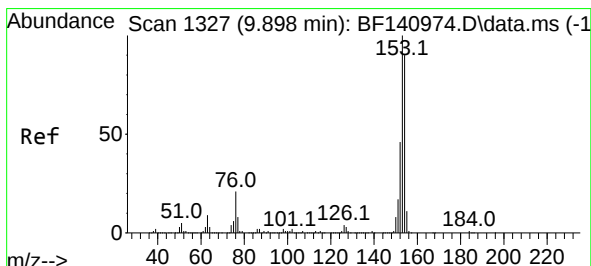
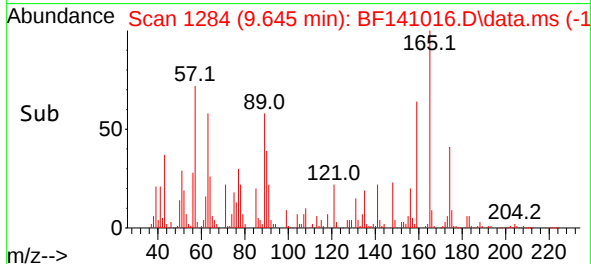
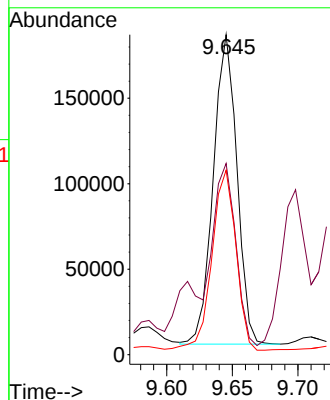
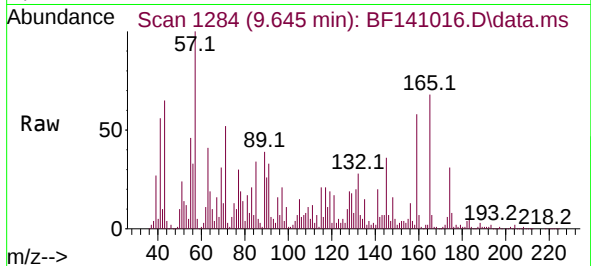




#51  
2,6-Dinitrotoluene  
Concen: 46.526 ng  
RT: 9.645 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

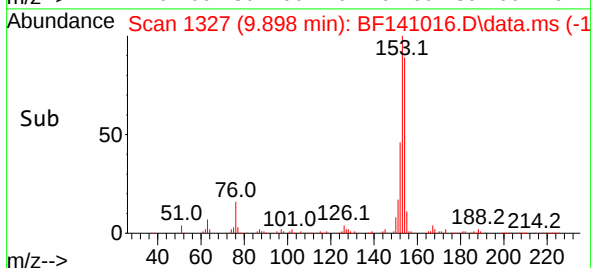
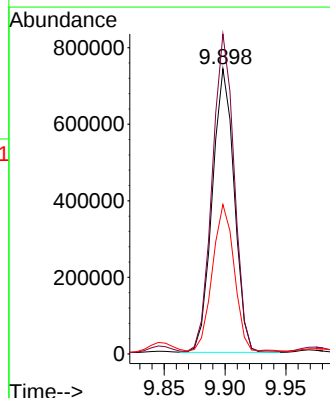
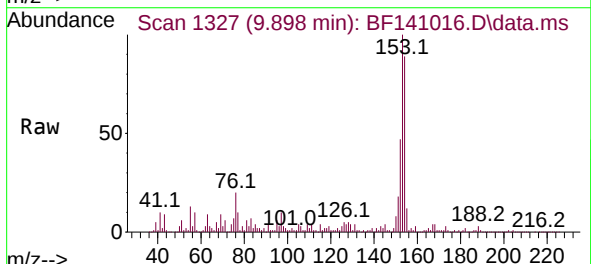
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

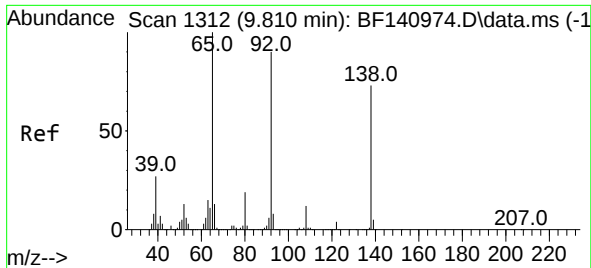
Tgt Ion:165 Resp: 226104  
Ion Ratio Lower Upper  
165 100  
63 59.7 47.1 70.7  
89 57.6 47.0 70.4



#52  
Acenaphthene  
Concen: 44.340 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:154 Resp: 930811  
Ion Ratio Lower Upper  
154 100  
153 112.2 89.2 133.8  
152 52.4 40.9 61.3

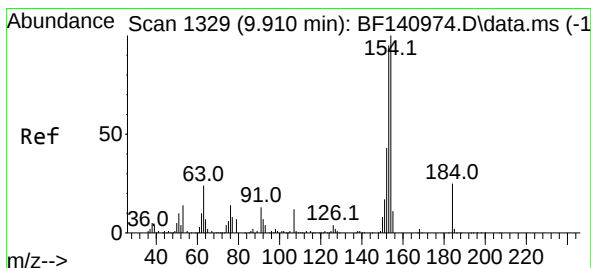
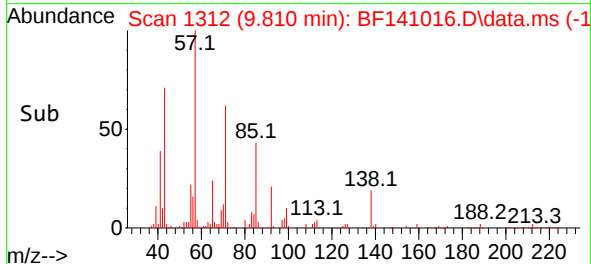
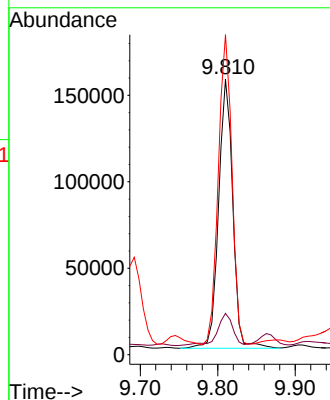
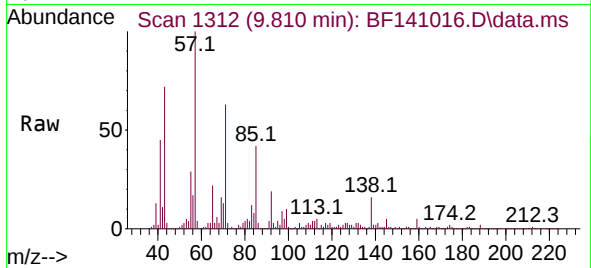




#53  
3-Nitroaniline  
Concen: 38.118 ng  
RT: 9.810 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

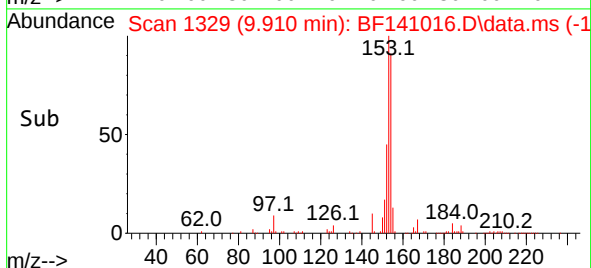
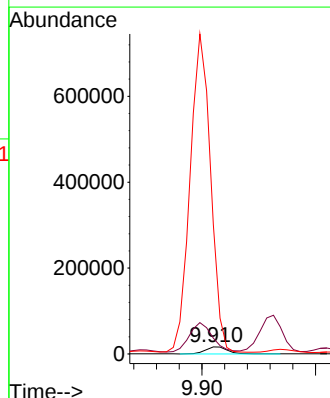
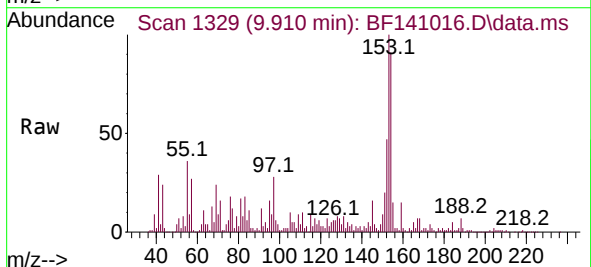
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

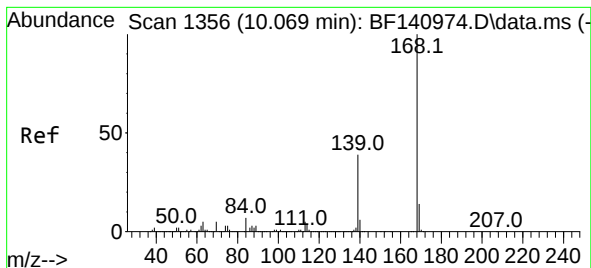
Tgt Ion:138 Resp: 198158  
Ion Ratio Lower Upper  
138 100  
108 15.0 13.5 20.3  
92 116.2 97.7 146.5



#54  
2,4-Dinitrophenol  
Concen: 20.750 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:184 Resp: 21391  
Ion Ratio Lower Upper  
184 100  
63 225.5 81.6 122.4#  
154 1835.1 363.5 545.3#





#55

Dibenzofuran

Concen: 45.138 ng

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

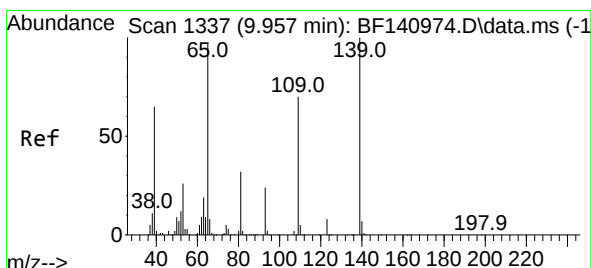
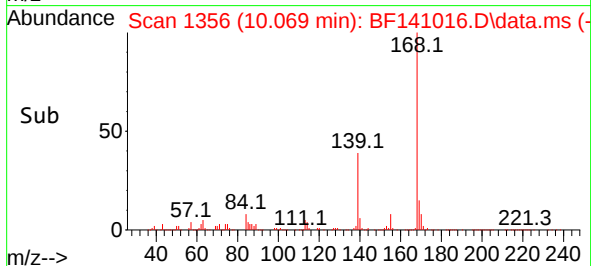
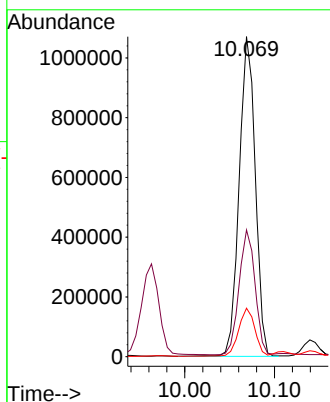
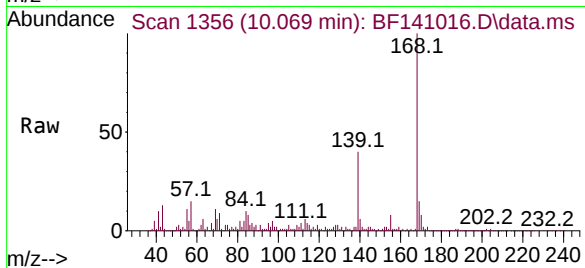
Tgt Ion:168 Resp: 1331649

Ion Ratio Lower Upper

168 100

139 39.6 31.6 47.4

169 15.2 11.0 16.6



#56

4-Nitrophenol

Concen: 101.384 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

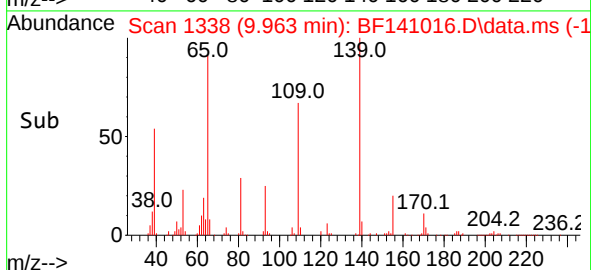
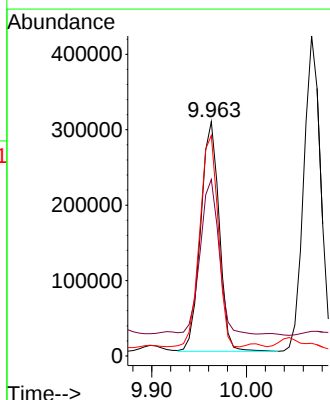
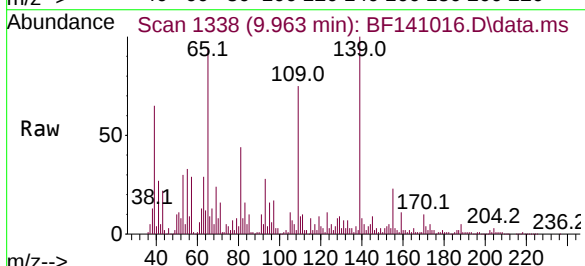
Tgt Ion:139 Resp: 414349

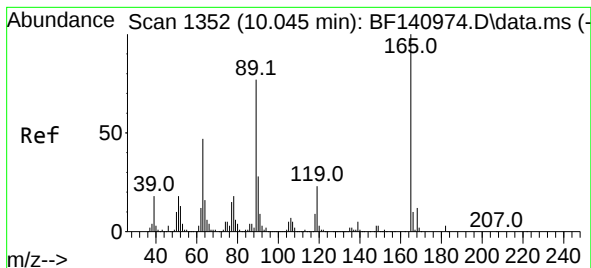
Ion Ratio Lower Upper

139 100

109 75.3 50.8 90.8

65 94.1 78.5 118.5

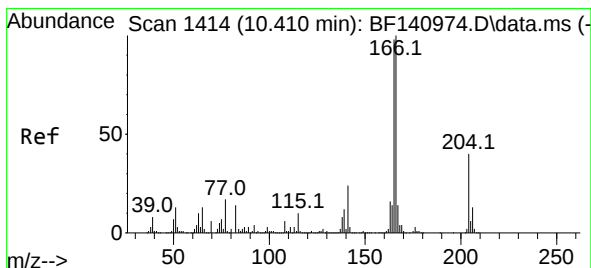
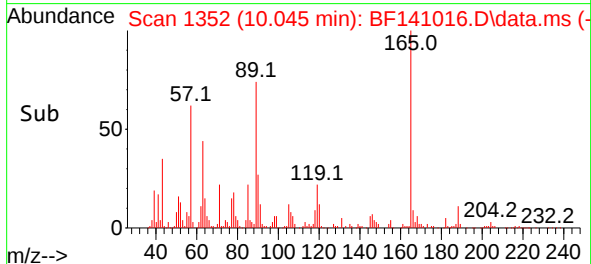
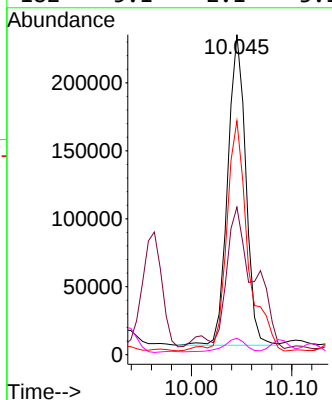
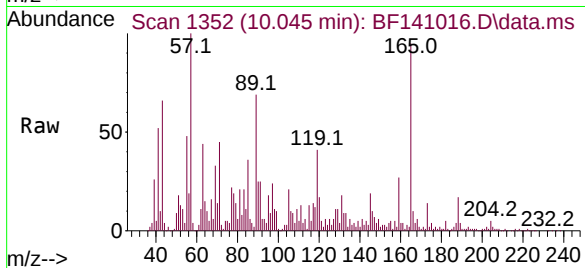




#57  
2,4-Dinitrotoluene  
Concen: 48.082 ng  
RT: 10.045 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

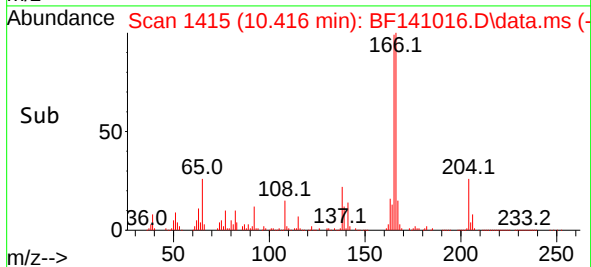
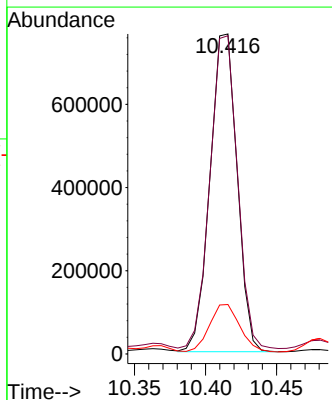
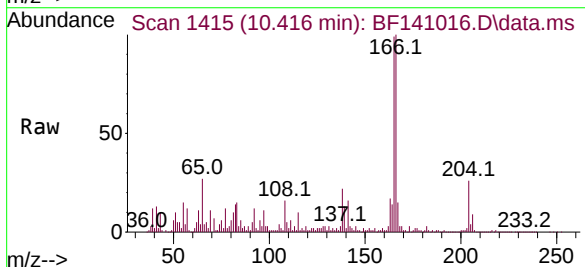
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

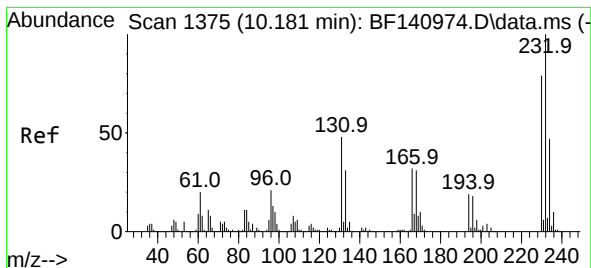
Tgt Ion:165 Resp: 286733  
Ion Ratio Lower Upper  
165 100  
63 46.1 38.1 57.1  
89 73.1 61.4 92.2  
182 5.1 2.1 3.1#



#58  
Fluorene  
Concen: 44.418 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:166 Resp: 1016163  
Ion Ratio Lower Upper  
166 100  
165 99.5 78.3 117.5  
167 15.4 10.9 16.3

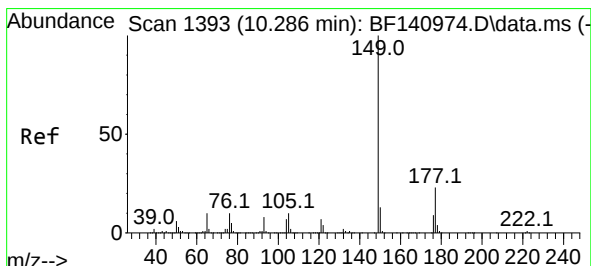
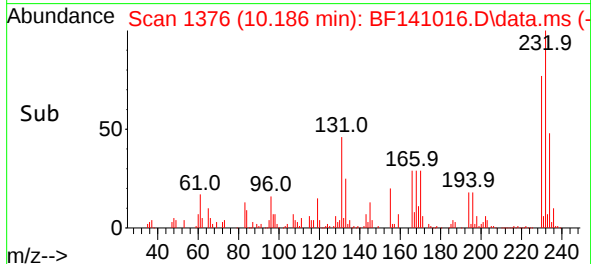
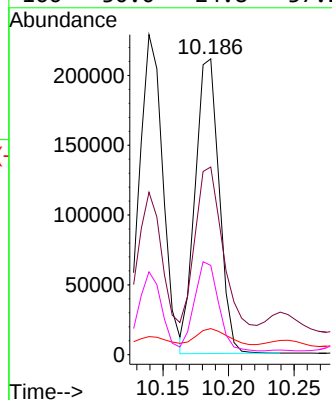
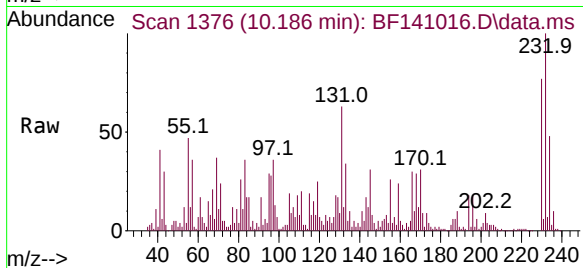




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.750 ng  
RT: 10.186 min Scan# 1375  
Delta R.T. 0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

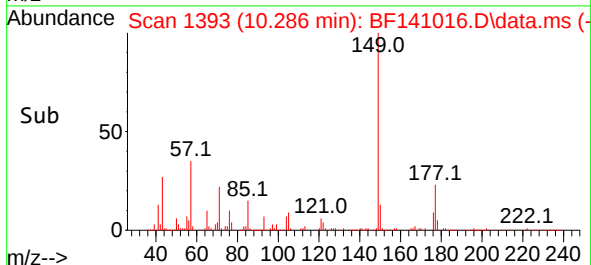
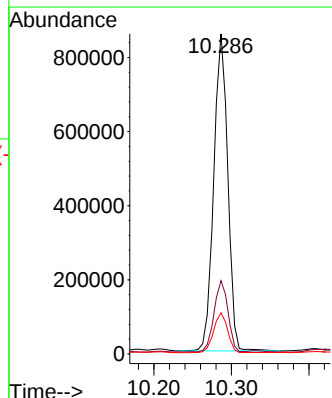
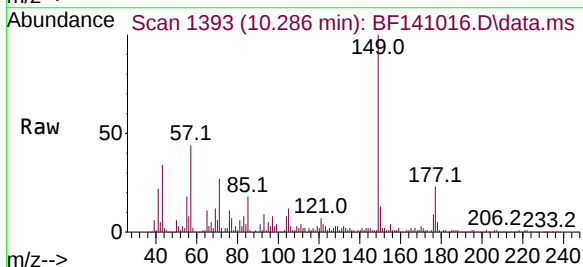
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

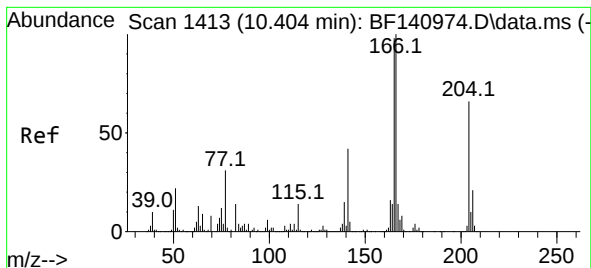
Tgt Ion:232 Resp: 269114  
Ion Ratio Lower Upper  
232 100  
131 60.5 37.4 56.2#  
130 6.9 1.8 2.8#  
166 30.0 24.8 37.2



#60  
Diethylphthalate  
Concen: 45.484 ng  
RT: 10.286 min Scan# 1393  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:149 Resp: 1072826  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.3 27.5  
150 12.9 10.4 15.6

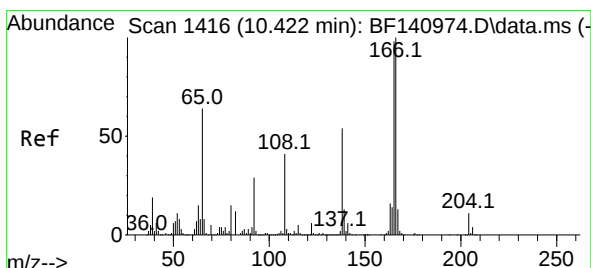
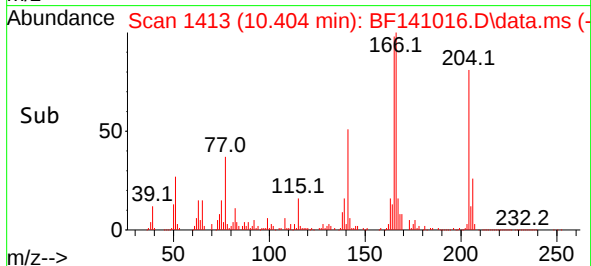
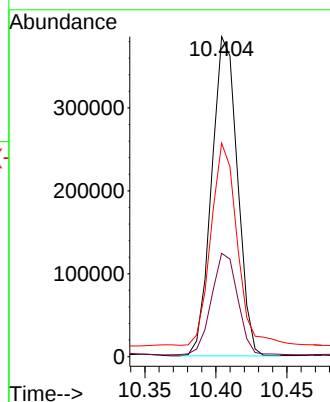
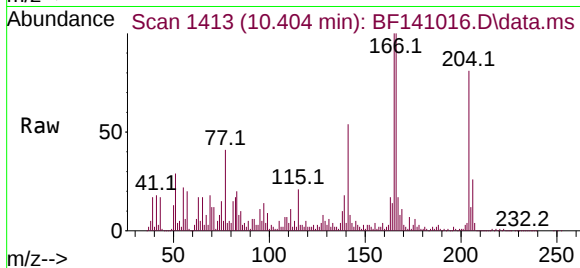




#61  
4-Chlorophenyl-phenylether  
Concen: 44.194 ng  
RT: 10.404 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

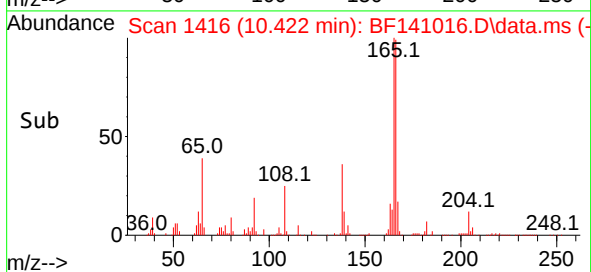
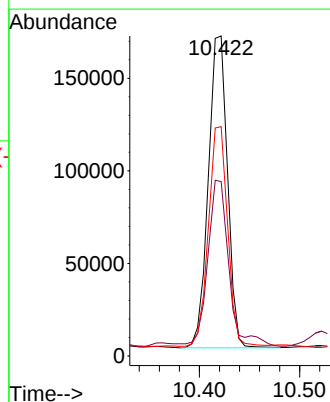
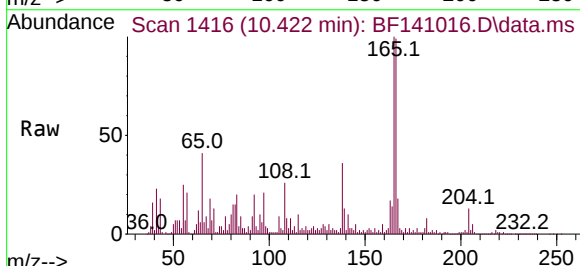
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

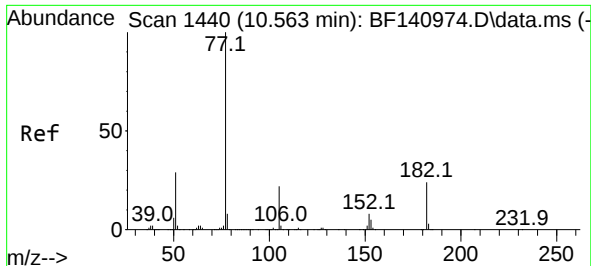
Tgt Ion:204 Resp: 486484  
Ion Ratio Lower Upper  
204 100  
206 32.3 25.8 38.6  
141 66.7 51.2 76.8



#62  
4-Nitroaniline  
Concen: 42.666 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:138 Resp: 223740  
Ion Ratio Lower Upper  
138 100  
92 54.5 34.8 74.8  
108 71.6 55.9 95.9



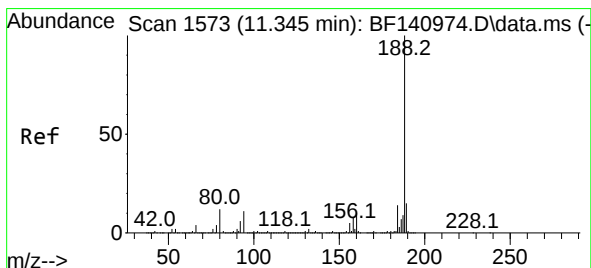
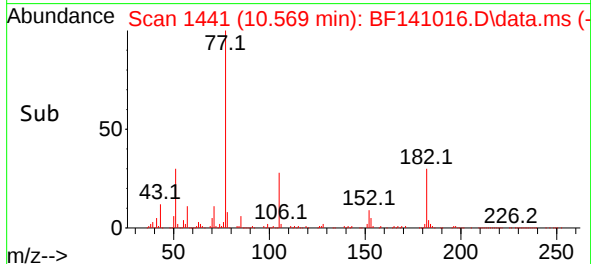
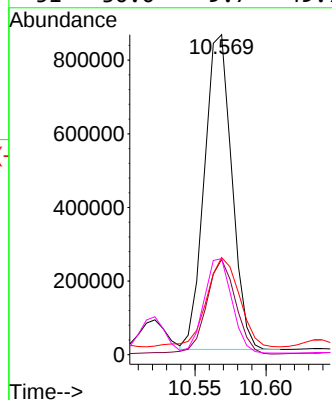
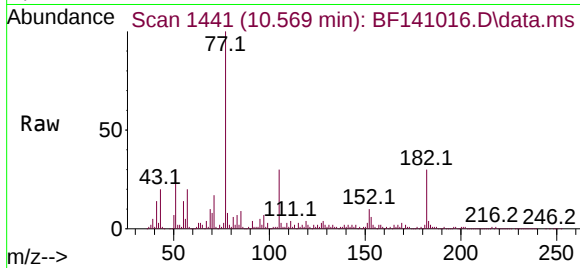


#63  
Azobenzene  
Concen: 46.511 ng  
RT: 10.569 min Scan# 1440  
Delta R.T. 0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

Tgt Ion: 77 Resp: 1151503

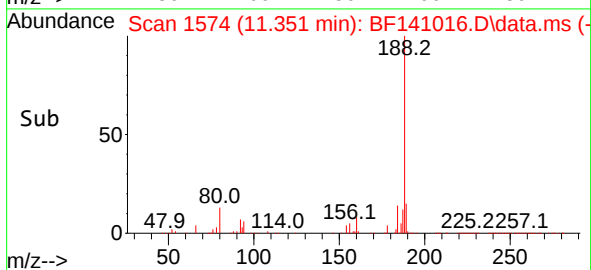
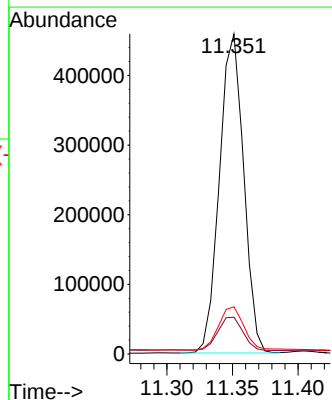
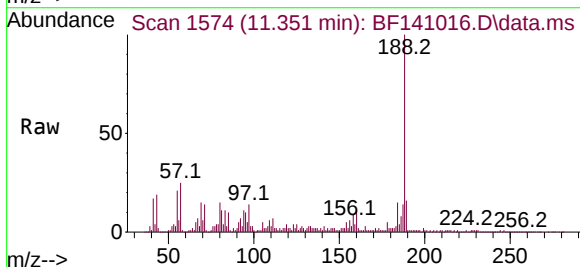
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 29.7  | 4.1   | 44.1  |
| 105 | 30.3  | 1.8   | 41.8  |
| 51  | 30.0  | 9.7   | 49.7  |

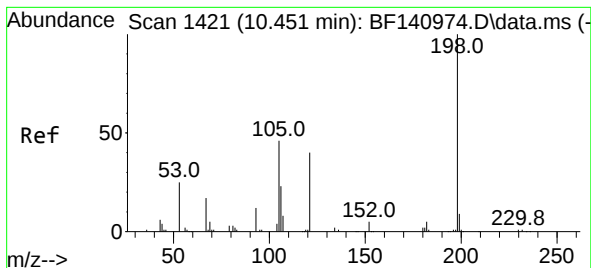


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 1574  
Delta R.T. 0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion: 188 Resp: 588407

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 11.5  | 9.0   | 13.6  |
| 80  | 14.7  | 9.8   | 14.6  |

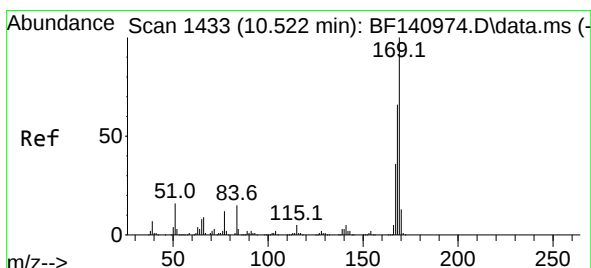
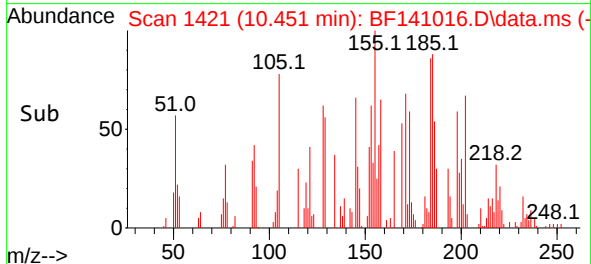
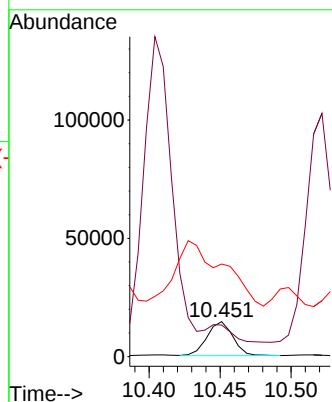
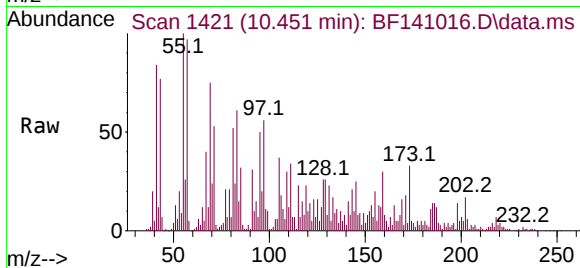




#65  
4,6-Dinitro-2-methylphenol  
Concen: 15.585 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

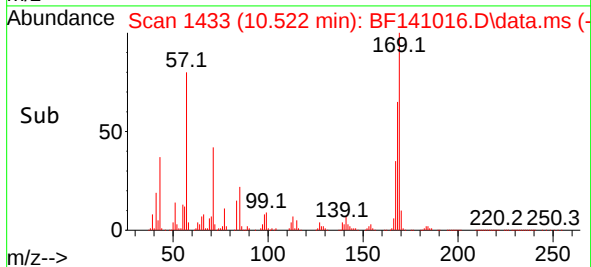
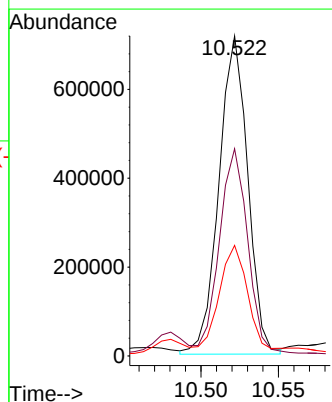
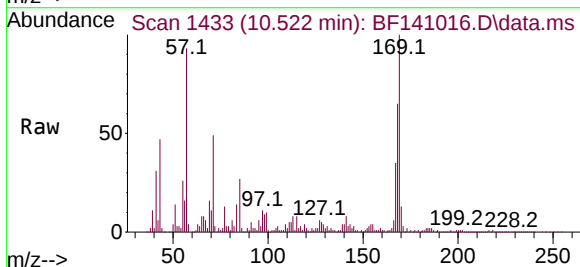
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

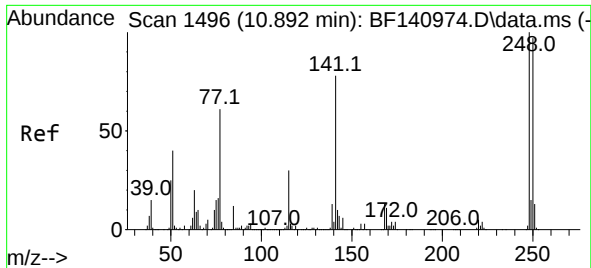
Tgt Ion:198 Resp: 18181  
Ion Ratio Lower Upper  
198 100  
51 90.5 32.3 72.3#  
105 264.3 28.4 68.4#



#66  
n-Nitrosodiphenylamine  
Concen: 50.022 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:169 Resp: 926858  
Ion Ratio Lower Upper  
169 100  
168 64.8 52.6 79.0  
167 34.5 29.0 43.4

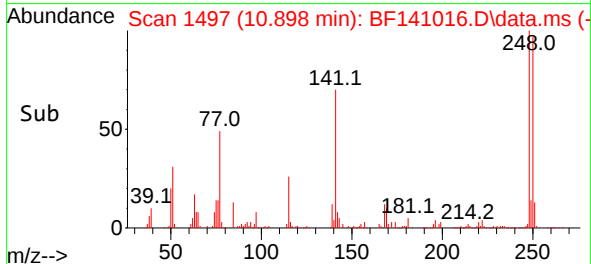
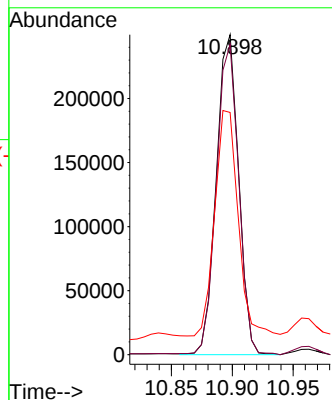
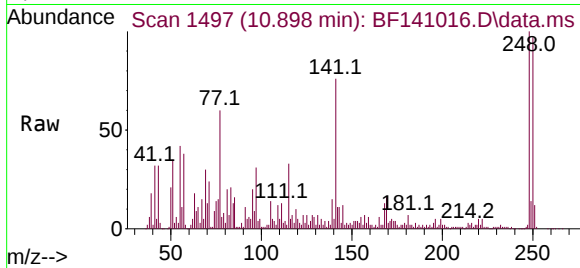




#67  
4-Bromophenyl-phenylether  
Concen: 50.085 ng  
RT: 10.898 min Scan# 1497  
Delta R.T. 0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

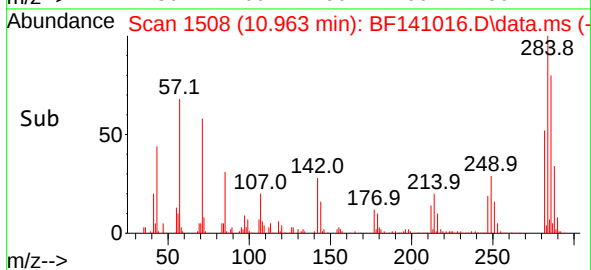
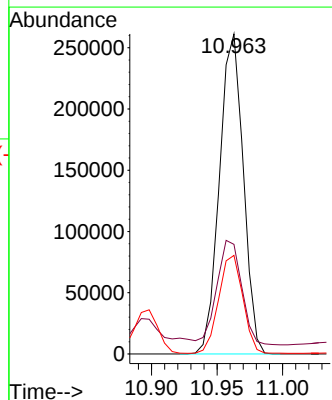
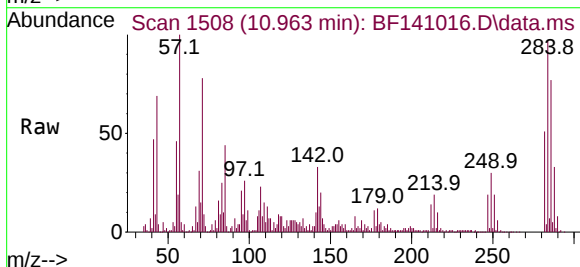
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-122624MS

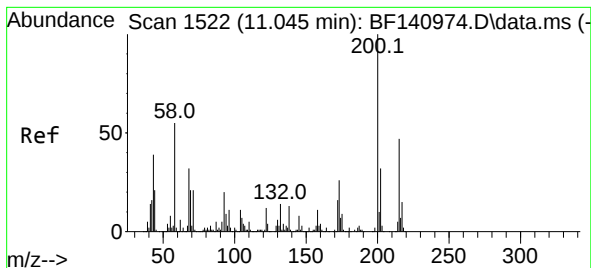
Tgt Ion:248 Resp: 318577  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.7 116.5  
141 75.7 62.1 93.1



#68  
Hexachlorobenzene  
Concen: 47.045 ng  
RT: 10.963 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: BF141016.D  
Acq: 27 Dec 2024 23:55

Tgt Ion:284 Resp: 329962  
Ion Ratio Lower Upper  
284 100  
142 34.3 27.1 40.7  
249 30.8 25.1 37.7





#69

Atrazine

Concen: 62.557 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

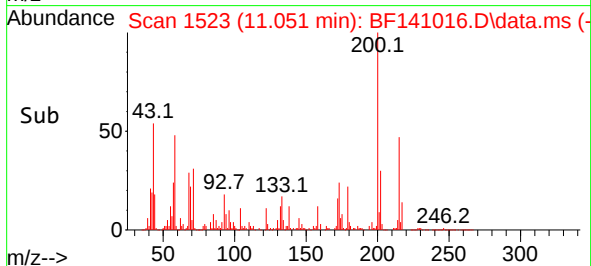
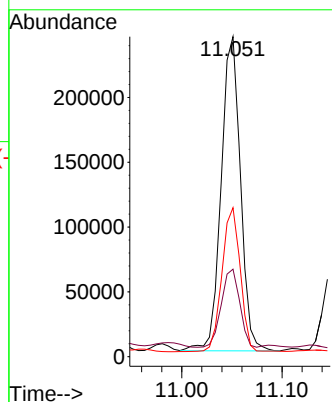
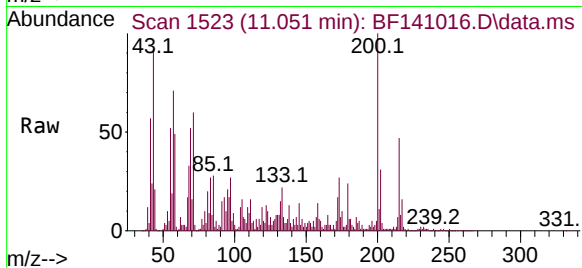
Tgt Ion:200 Resp: 323817

Ion Ratio Lower Upper

200 100

173 27.3 6.4 46.4

215 46.5 27.2 67.2



#70

Pentachlorophenol

Concen: 95.974 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

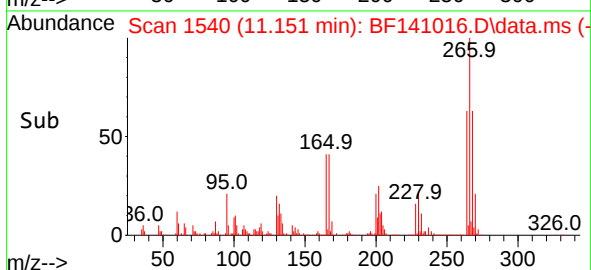
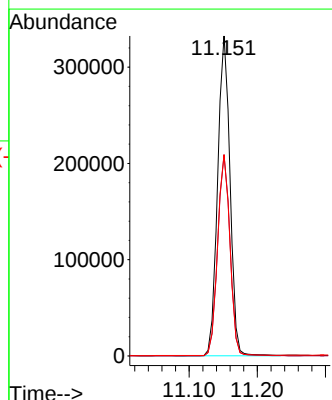
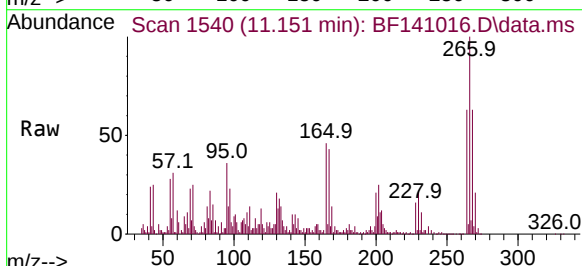
Tgt Ion:266 Resp: 419102

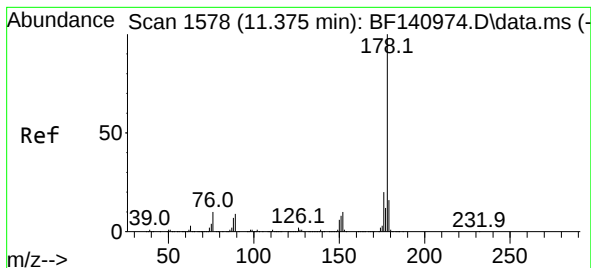
Ion Ratio Lower Upper

266 100

268 62.9 50.5 75.7

264 62.9 50.2 75.4





#71

Phenanthrene

Concen: 52.028 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

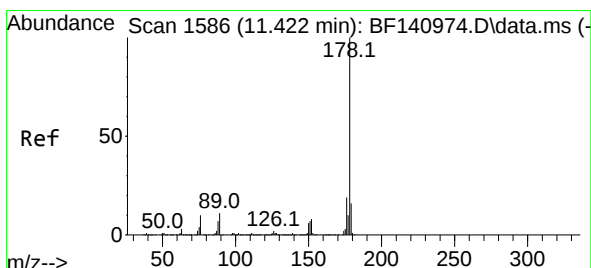
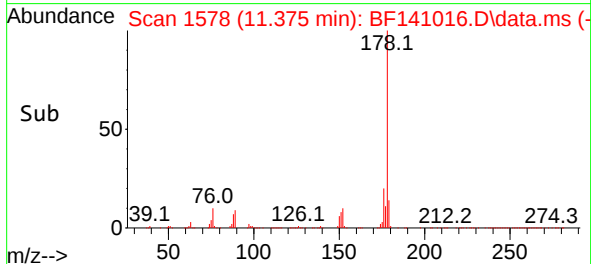
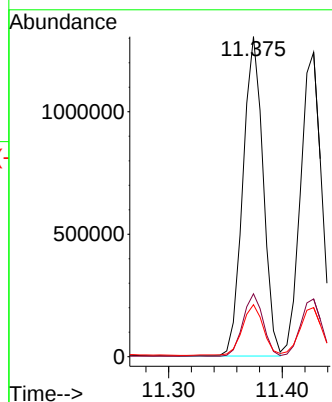
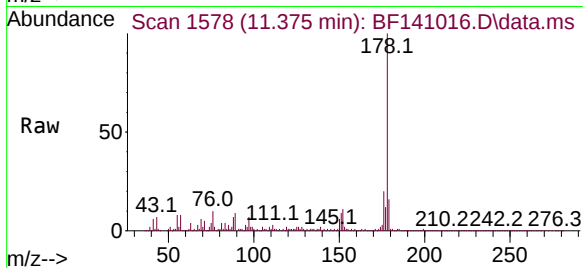
Tgt Ion:178 Resp: 1611231

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 16.3 12.6 19.0



#72

Anthracene

Concen: 51.968 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

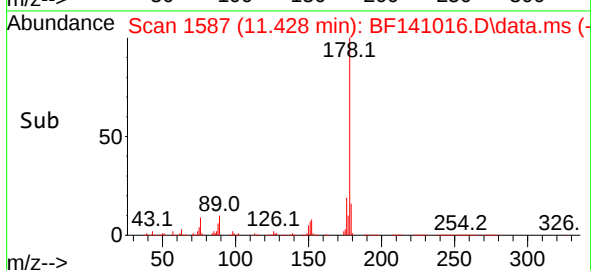
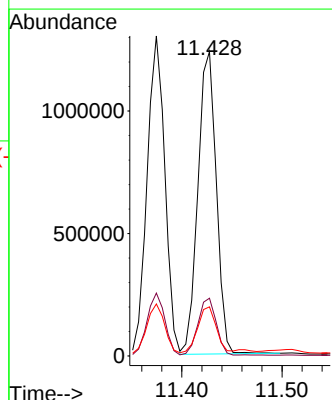
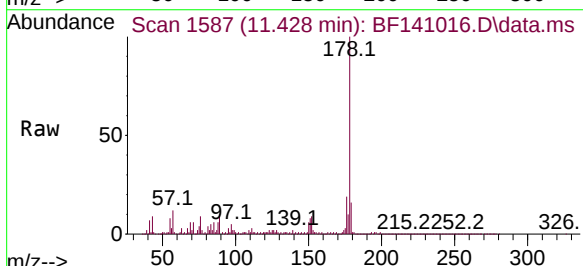
Tgt Ion:178 Resp: 1576991

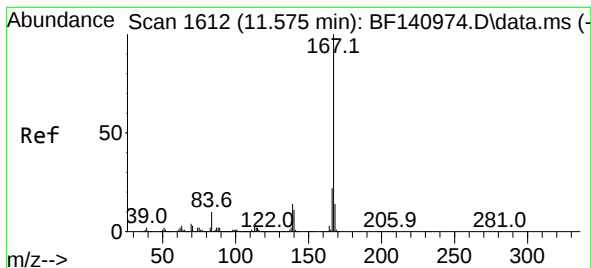
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 16.1 12.9 19.3





#73

Carbazole

Concen: 48.147 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

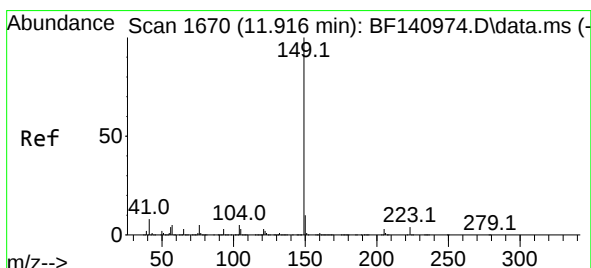
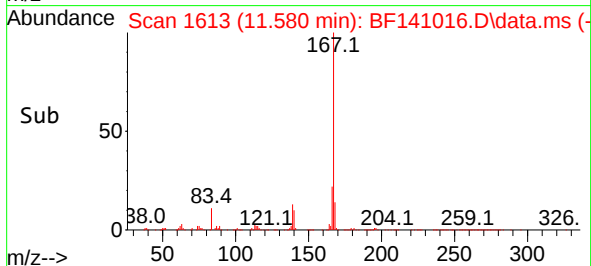
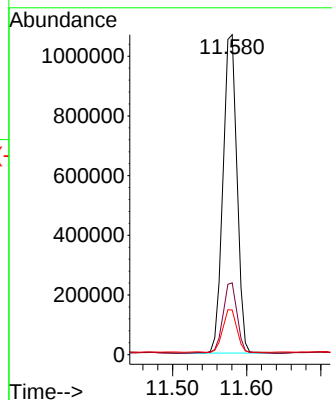
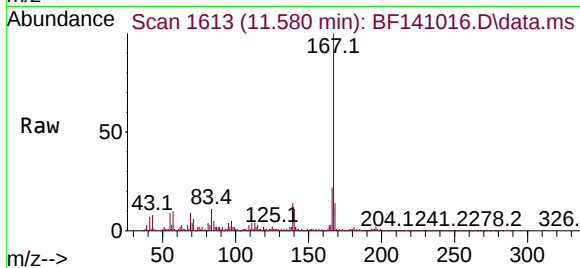
Tgt Ion:167 Resp: 1404500

Ion Ratio Lower Upper

167 100

166 22.5 17.5 26.3

139 14.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 50.801 ng

RT: 11.916 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

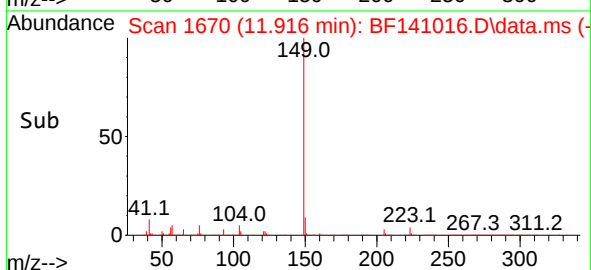
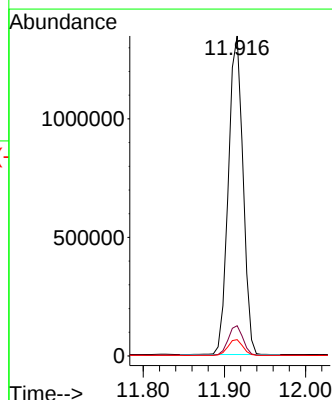
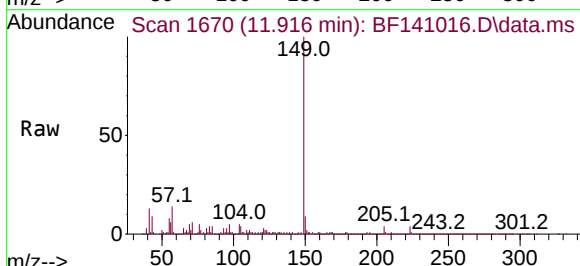
Tgt Ion:149 Resp: 1685572

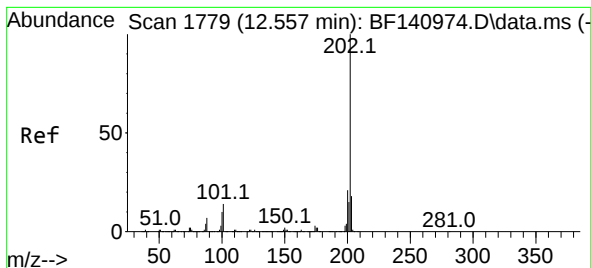
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 49.316 ng

RT: 12.563 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

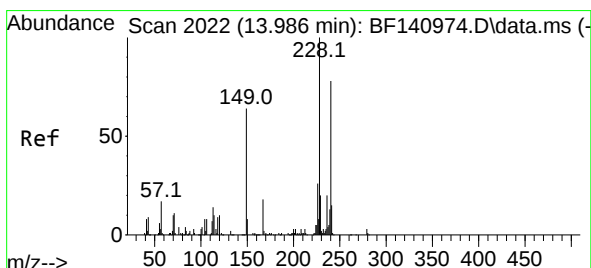
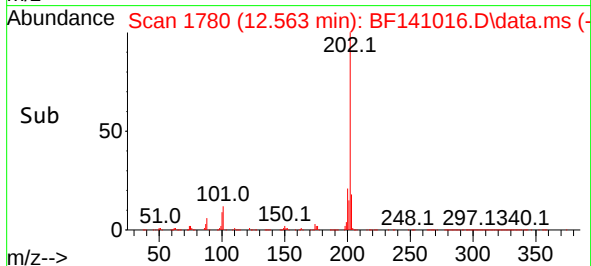
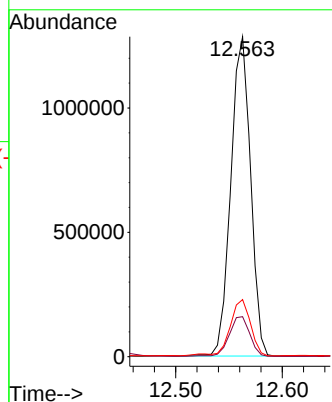
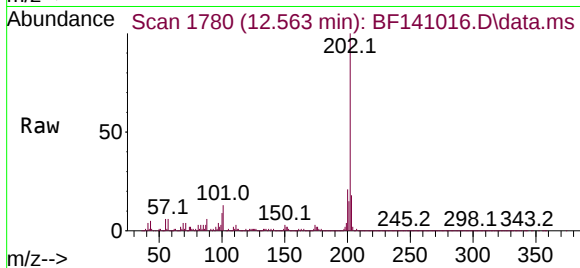
Tgt Ion:202 Resp: 1656400

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.7

203 17.8 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

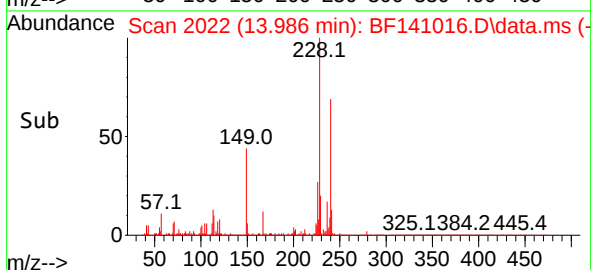
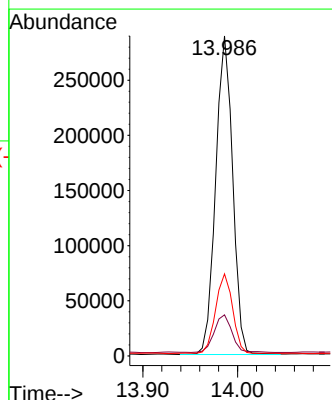
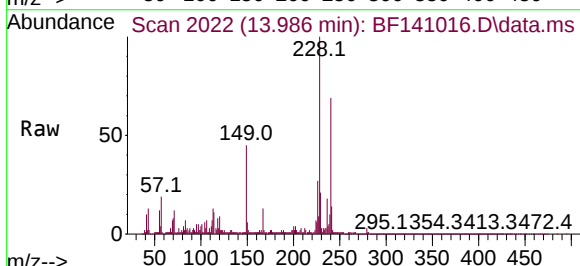
Tgt Ion:240 Resp: 360399

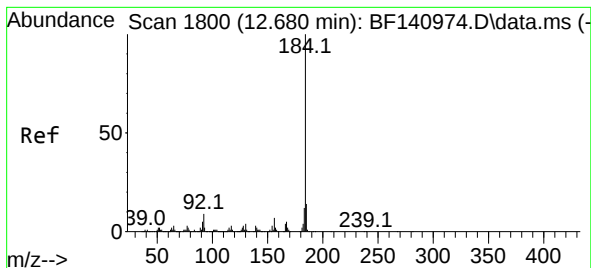
Ion Ratio Lower Upper

240 100

120 12.9 10.7 16.1

236 25.6 20.6 31.0





#77

Benzidine

Concen: 52.721 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

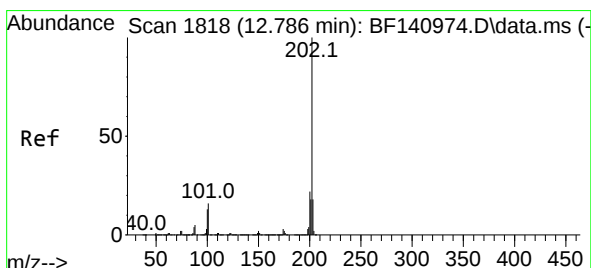
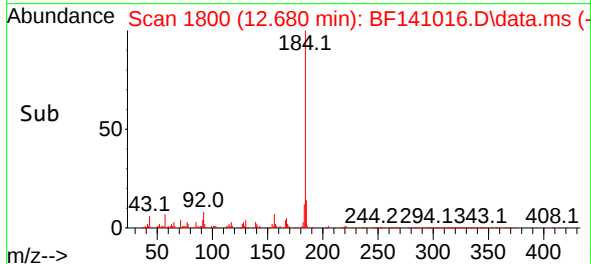
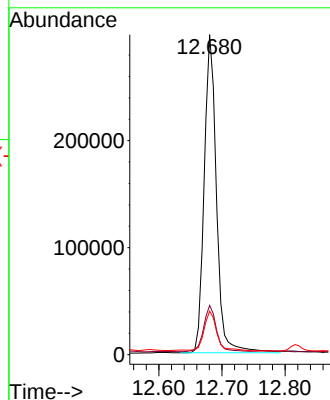
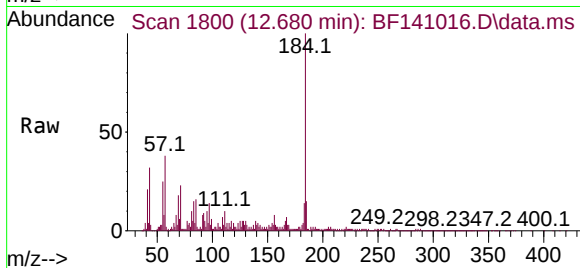
Tgt Ion:184 Resp: 401561

Ion Ratio Lower Upper

184 100

185 15.4 11.4 17.2

183 13.6 9.4 14.0



#78

Pyrene

Concen: 52.676 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

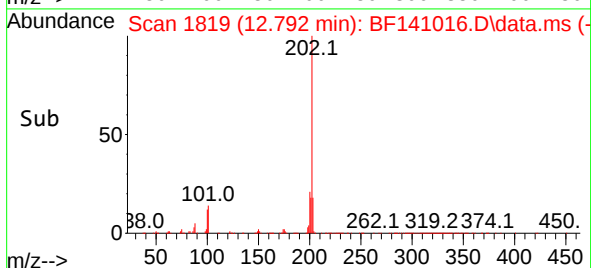
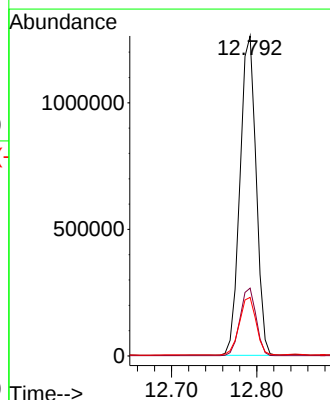
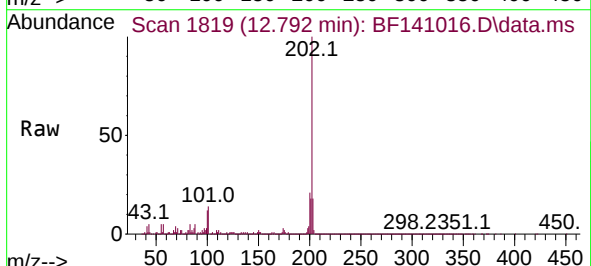
Tgt Ion:202 Resp: 1660335

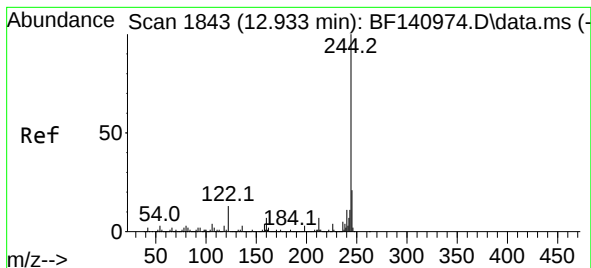
Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 65.802 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

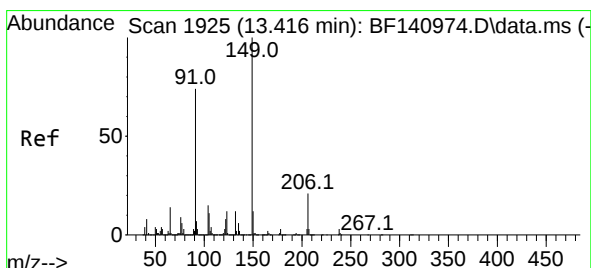
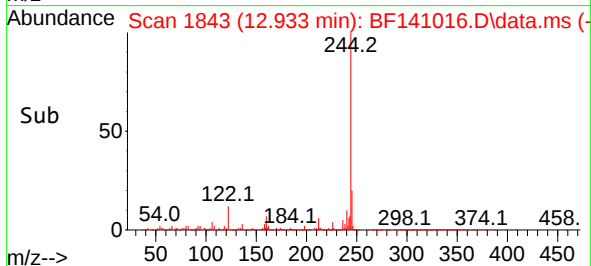
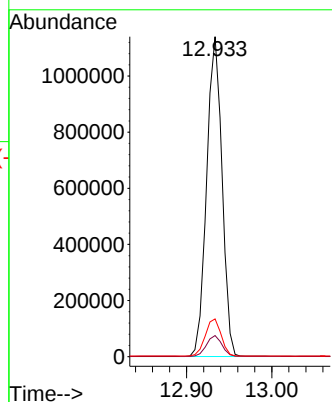
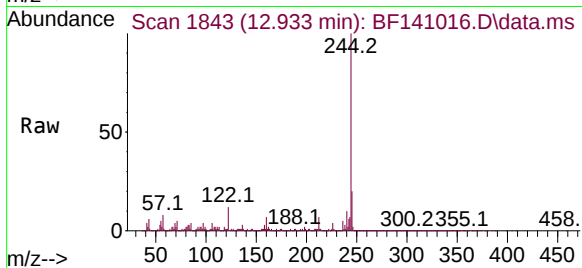
Tgt Ion:244 Resp: 1427756

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 11.8 10.2 15.2



#80

Butylbenzylphthalate

Concen: 55.654 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

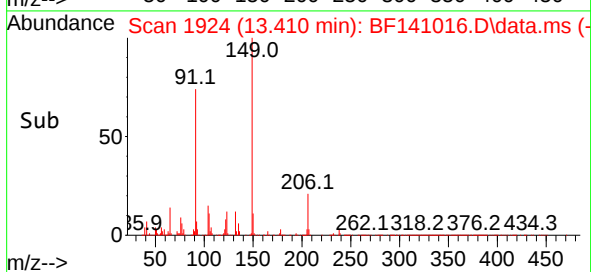
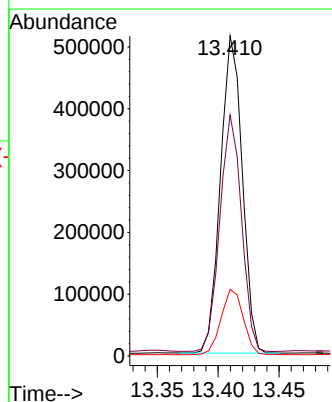
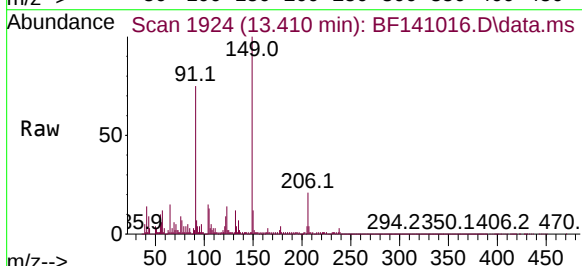
Tgt Ion:149 Resp: 640552

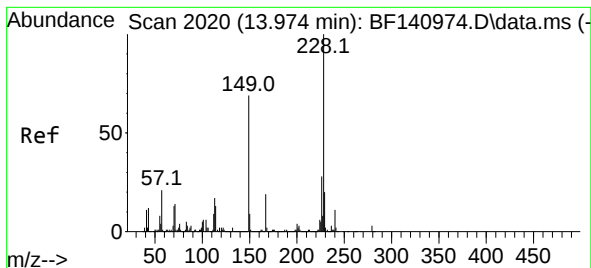
Ion Ratio Lower Upper

149 100

91 75.3 59.5 89.3

206 20.8 17.1 25.7





#81

Benzo(a)anthracene

Concen: 45.139 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

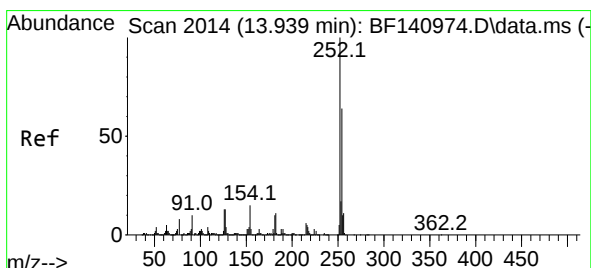
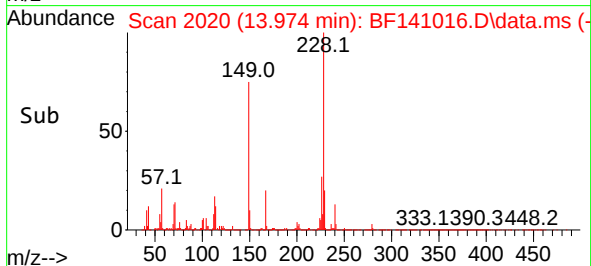
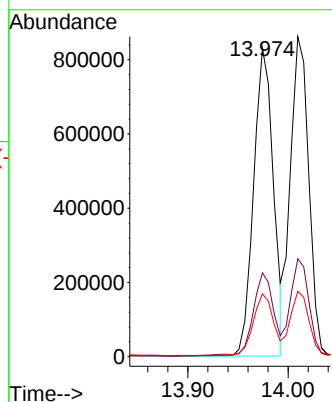
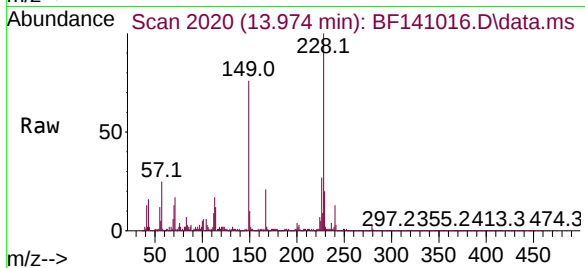
Tgt Ion:228 Resp: 1133787

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 20.4 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 36.524 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

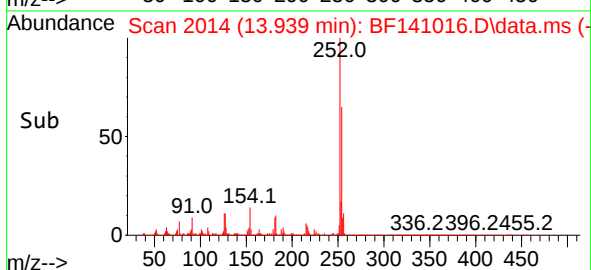
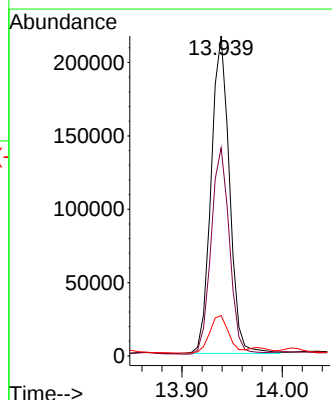
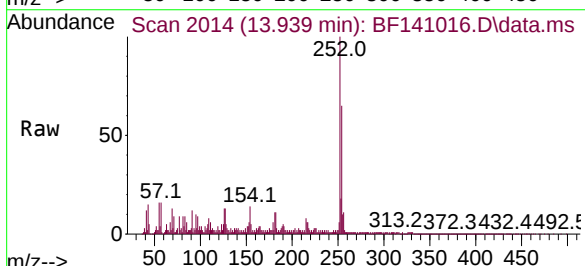
Tgt Ion:252 Resp: 275633

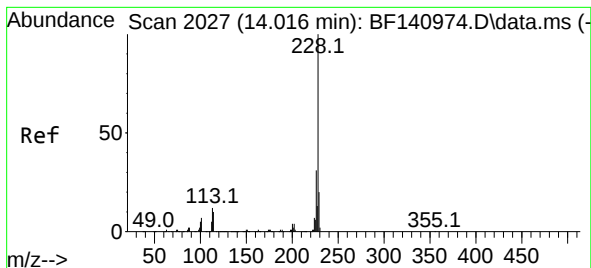
Ion Ratio Lower Upper

252 100

254 65.1 51.5 77.3

126 12.6 10.3 15.5





#83

Chrysene

Concen: 48.212 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

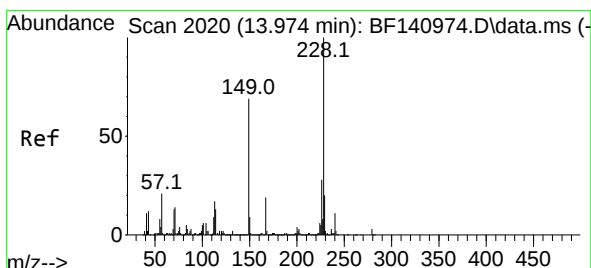
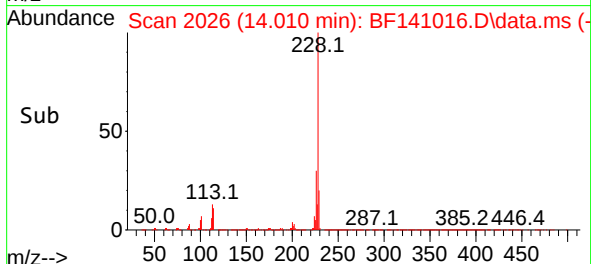
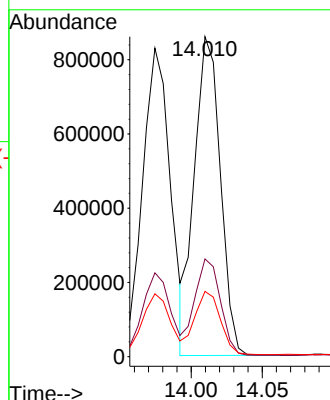
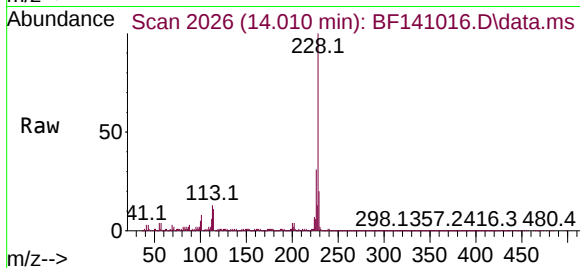
Tgt Ion:228 Resp: 1091659

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.027 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

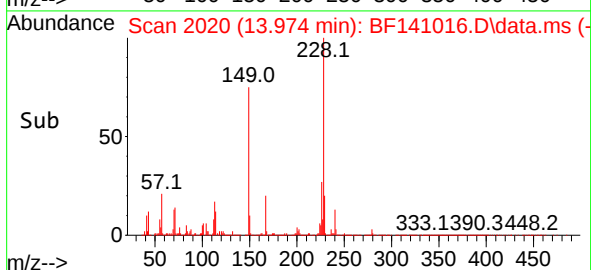
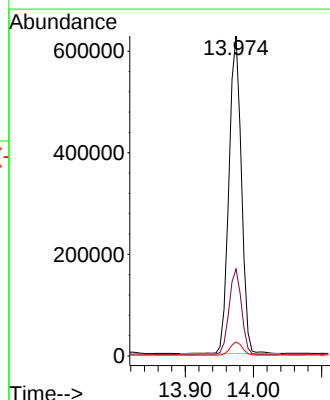
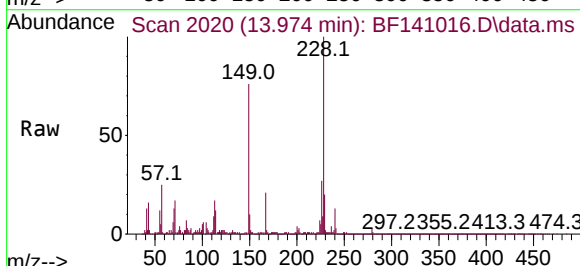
Tgt Ion:149 Resp: 791660

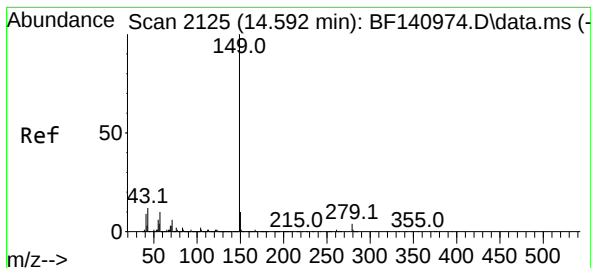
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.870 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

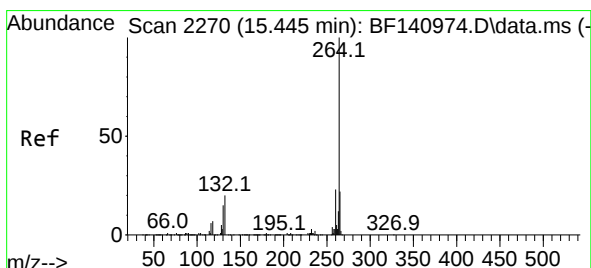
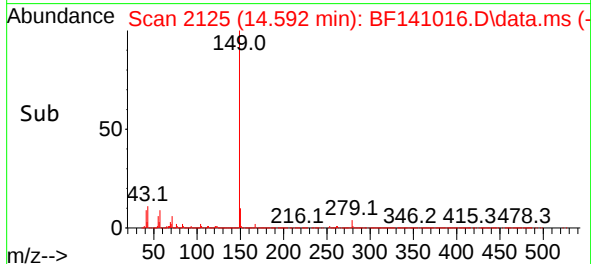
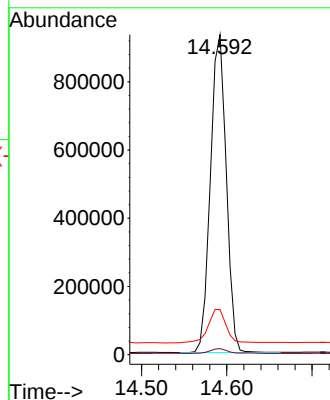
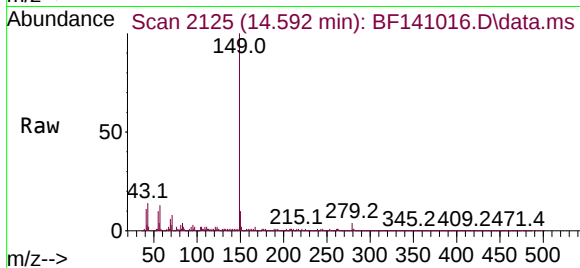
Tgt Ion:149 Resp: 1207252

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.0 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

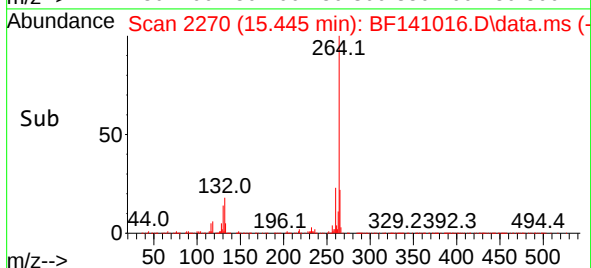
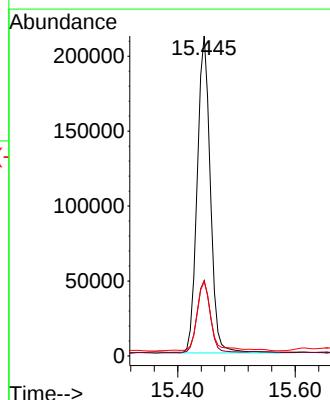
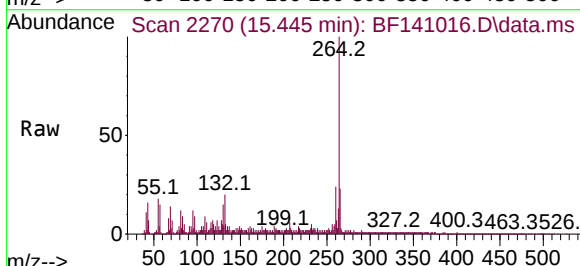
Tgt Ion:264 Resp: 327575

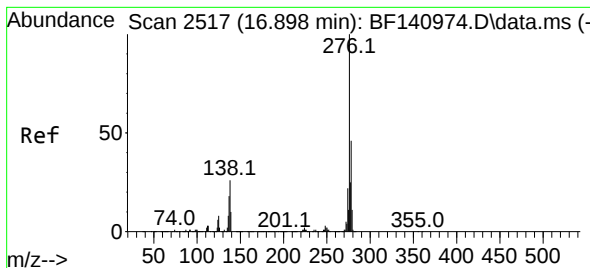
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 23.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.676 ng

RT: 16.898 min Scan# 2517

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

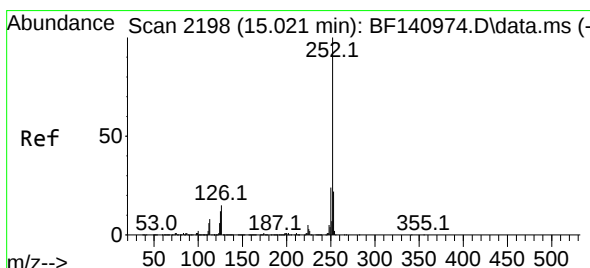
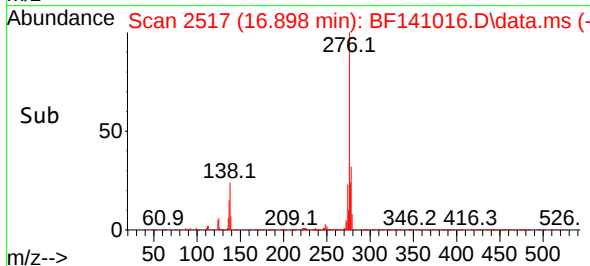
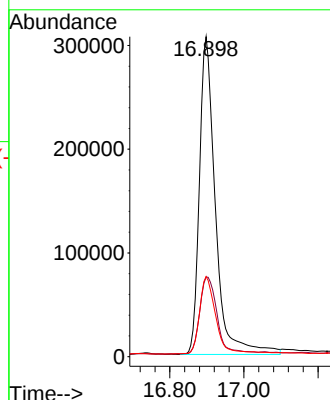
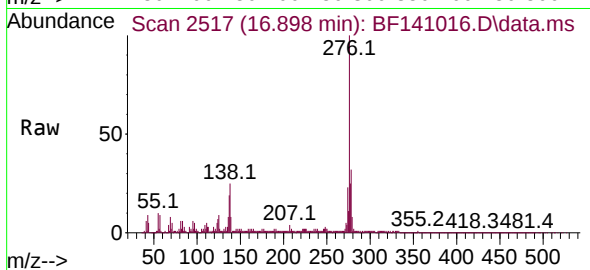
Tgt Ion:276 Resp: 922015

Ion Ratio Lower Upper

276 100

138 26.5 23.1 34.7

277 24.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 42.415 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

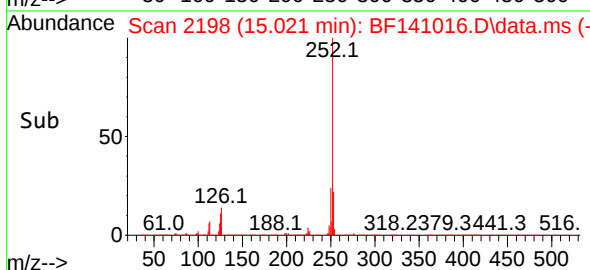
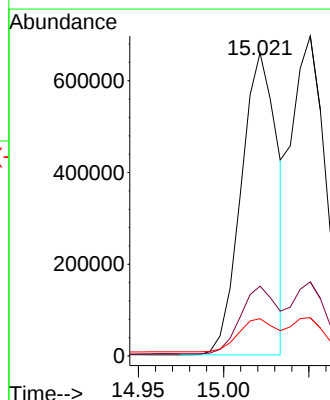
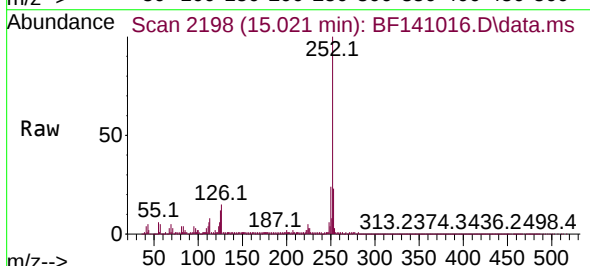
Tgt Ion:252 Resp: 969030

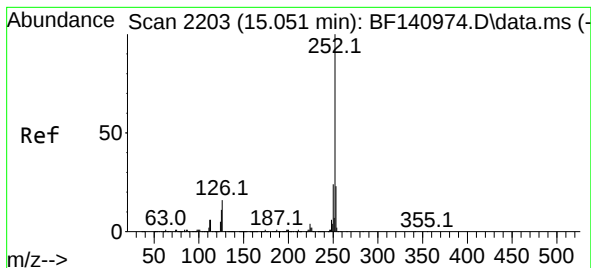
Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 12.3 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 52.751 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

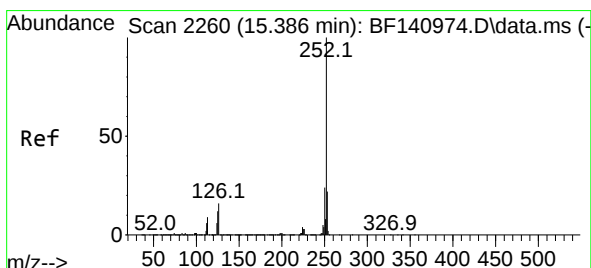
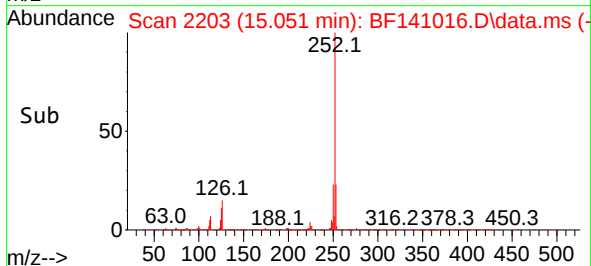
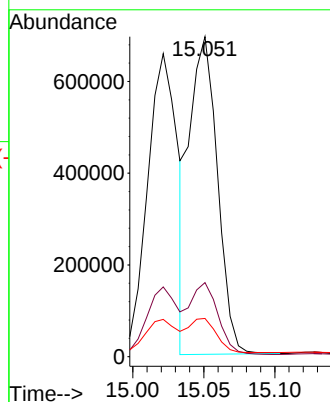
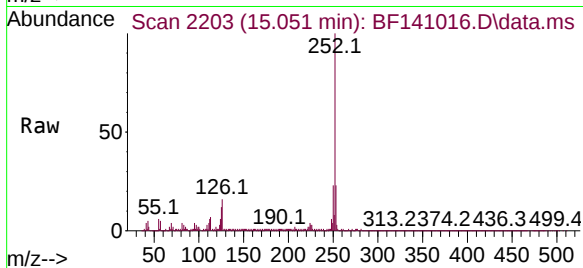
Tgt Ion:252 Resp: 944579

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 12.0 9.4 14.0



#90

Benzo(a)pyrene

Concen: 50.326 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

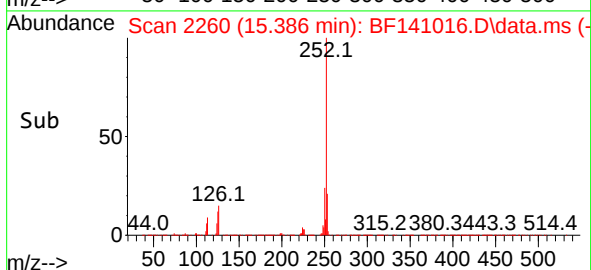
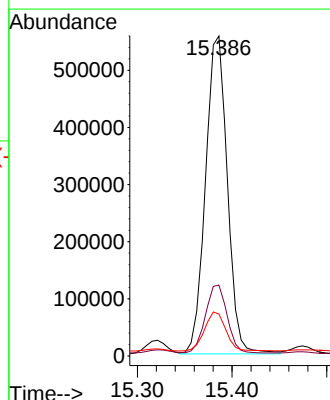
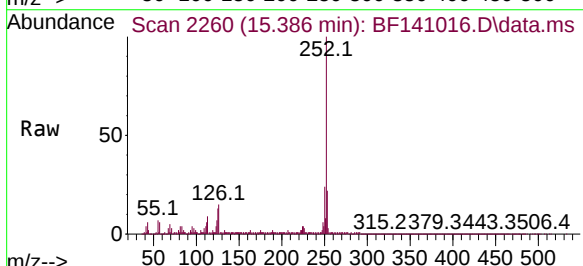
Tgt Ion:252 Resp: 892430

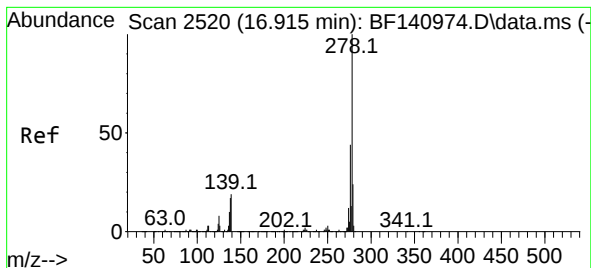
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 13.1 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 43.746 ng

RT: 16.921 min Scan# 2520

Delta R.T. 0.006 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Instrument :

BNA\_F

ClientSampleId :

TR-05-122624MS

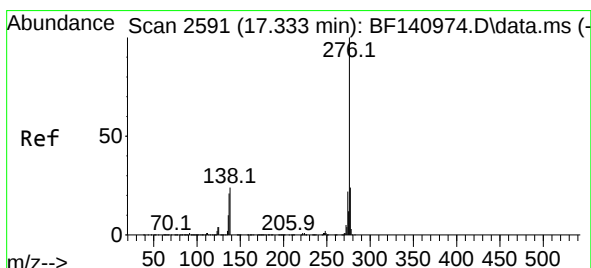
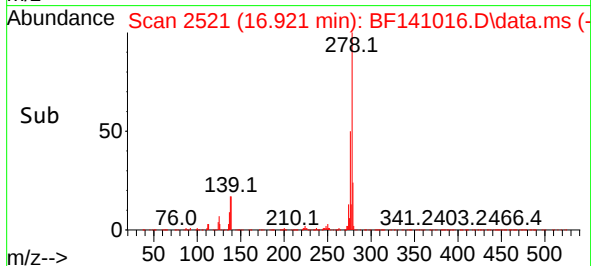
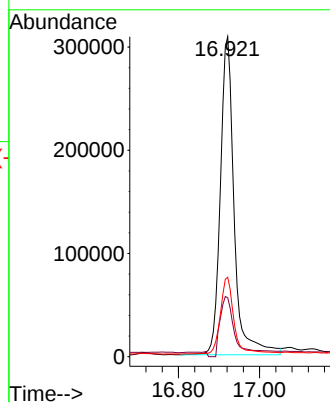
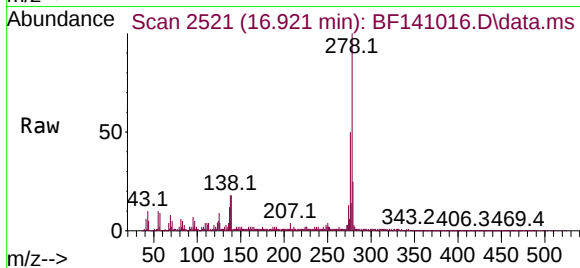
Tgt Ion:278 Resp: 731833

Ion Ratio Lower Upper

278 100

139 18.4 14.9 22.3

279 24.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 36.651 ng

RT: 17.333 min Scan# 2591

Delta R.T. 0.000 min

Lab File: BF141016.D

Acq: 27 Dec 2024 23:55

Tgt Ion:276 Resp: 635940

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 24.3 19.4 29.2

