

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121024\  
 Data File : BF140808.D  
 Acq On : 10 Dec 2024 16:16  
 Operator : RC/JU  
 Sample : P5174-02MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROLL-OFF-COMPMSD

Quant Time: Dec 10 18:08:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 15:23:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 88459    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.145  | 136  | 327477   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.904  | 164  | 185727   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.398 | 188  | 295264   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 155692   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.562 | 264  | 112566   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 671271   | 129.476 | ng    | 0.03     |
| 7) Phenol-d6                  | 6.522  | 99   | 809406   | 118.091 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 598158   | 93.429  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 253421   | 127.580 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 1176614  | 94.391  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.980 | 244  | 830411   | 83.052  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.828  | 88   | 79894    | 36.652  | ng    | # 83     |
| 3) Pyridine                   | 3.610  | 79   | 136154   | 28.388  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.498  | 42   | 111957   | 39.718  | ng    | # 90     |
| 6) Aniline                    | 6.604  | 93   | 244227   | 50.625  | ng    | # 36     |
| 8) 2-Chlorophenol             | 6.663  | 128  | 262360   | 47.037  | ng    | 95       |
| 9) Benzaldehyde               | 6.422  | 77   | 39741    | 10.953  | ng    | 99       |
| 10) Phenol                    | 6.539  | 94   | 284093   | 40.586  | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 244227   | 45.595  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 252531   | 40.293  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 256388   | 40.401  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 246085   | 41.383  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 229716   | 45.194  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134  | 45   | 296591   | 46.870  | ng    | 65       |
| 17) 2-Methylphenol            | 7.134  | 107  | 203622   | 45.605  | ng    | 93       |
| 18) Hexachloroethane          | 7.369  | 117  | 96432    | 40.686  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 195505   | 48.264  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 274061   | 47.754  | ng    | # 68     |
| 22) Acetophenone              | 7.281  | 105  | 373644   | 46.801  | ng    | 93       |
| 24) Nitrobenzene              | 7.451  | 77   | 288761   | 43.640  | ng    | 98       |
| 25) Isophorone                | 7.698  | 82   | 526163   | 49.273  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 145036   | 49.461  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 207463   | 59.132  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 319752   | 49.152  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 229991   | 49.471  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.086  | 180  | 233204   | 43.934  | ng    | 99       |
| 31) Naphthalene               | 8.169  | 128  | 782073   | 46.364  | ng    | 99       |
| 32) Benzoic acid              | 7.957  | 122  | 125167   | 42.046  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.169  | 127  | 104236   | 20.639  | ng    | # 33     |
| 34) Hexachlorobutadiene       | 8.275  | 225  | 152334   | 43.328  | ng    | 99       |
| 35) Caprolactam               | 8.639  | 113  | 50427    | 35.050  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 243594   | 46.799  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 536694   | 50.094  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.957  | 142  | 500945   | 47.701  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 265947   | 48.913  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.004  | 237  | 119134   | 95.886  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 170288   | 49.912  | ng    | 99       |

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 Sample : P5174-02MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROLL-OFF-COMPMSD

Quant Time: Dec 10 18:08:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 15:23:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 176166   | 47.577 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.322  | 154  | 683693   | 49.305 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 505833   | 48.143 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 139128   | 41.253 | ng    | 97       |
| 49) Acenaphthylene            | 9.769  | 152  | 813563   | 51.247 | ng    | 100      |
| 50) Dimethylphthalate         | 9.628  | 163  | 603349   | 49.326 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 129012   | 46.505 | ng    | 91       |
| 52) Acenaphthene              | 9.939  | 154  | 488751   | 48.453 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.875  | 138  | 6170     | 2.274  | ng    | # 83     |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 85371    | 61.433 | ng    | 96       |
| 55) Dibenzofuran              | 10.110 | 168  | 715447   | 46.500 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.069 | 139  | 86348    | 46.664 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 148671   | 40.324 | ng    | # 87     |
| 58) Fluorene                  | 10.457 | 166  | 582193   | 47.141 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 140769   | 49.467 | ng    | 94       |
| 60) Diethylphthalate          | 10.327 | 149  | 584233   | 47.010 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 293000   | 48.344 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 25753    | 9.050  | ng    | 92       |
| 63) Azobenzene                | 10.604 | 77   | 550243   | 46.753 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 70183    | 46.515 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 424782   | 48.648 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 173127   | 56.935 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 195415   | 55.501 | ng    | 98       |
| 69) Atrazine                  | 11.098 | 200  | 73961    | 30.109 | ng    | 98       |
| 70) Pentachlorophenol         | 11.210 | 266  | 139185   | 89.818 | ng    | 99       |
| 71) Phenanthrene              | 11.422 | 178  | 728236   | 51.309 | ng    | 99       |
| 72) Anthracene                | 11.474 | 178  | 750498   | 54.057 | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 432885   | 32.411 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 715046   | 46.373 | ng    | 100      |
| 75) Fluoranthene              | 12.610 | 202  | 621048   | 40.302 | ng    | 99       |
| 78) Pyrene                    | 12.845 | 202  | 607709   | 42.215 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 236720   | 45.647 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 548234   | 53.195 | ng    | 100      |
| 83) Chrysene                  | 14.080 | 228  | 468852   | 49.752 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 355051   | 54.221 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 583380   | 65.189 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.086 | 276  | 296554   | 40.426 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 501858   | 70.980 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 419025   | 67.724 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 358929   | 62.435 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.092 | 278  | 249862   | 41.590 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.545 | 276  | 209930   | 34.243 | ng    | 98       |

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

Quant Time: Dec 10 18:08:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration

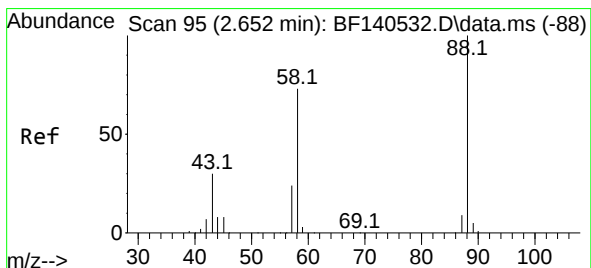
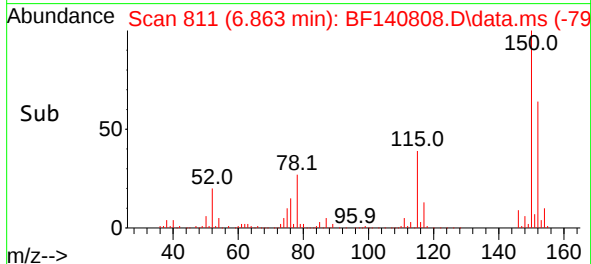
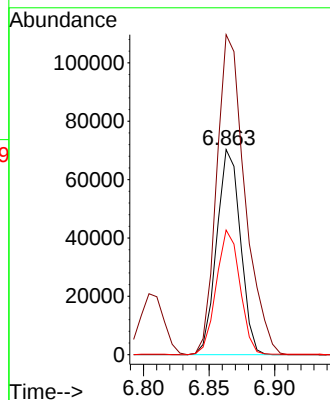
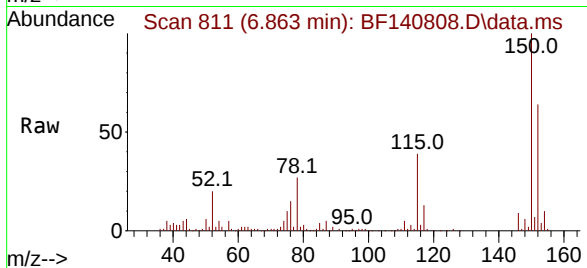




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.863 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BF140808.D  
 Acq: 10 Dec 2024 16:16

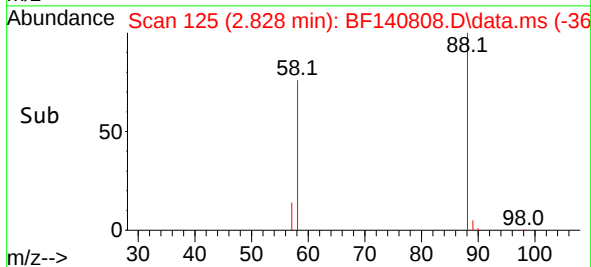
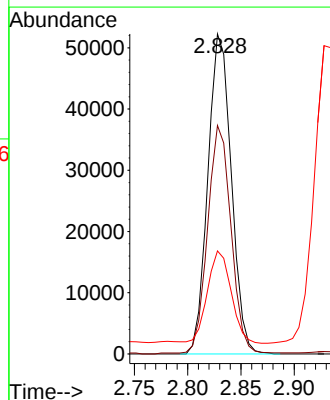
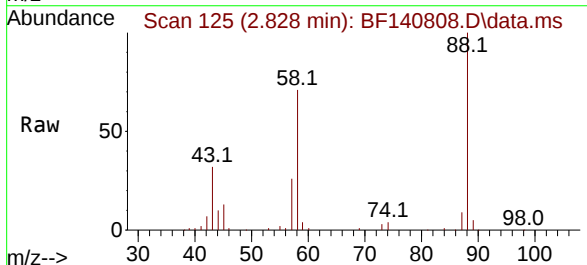
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROLL-OFF-COMPMSD

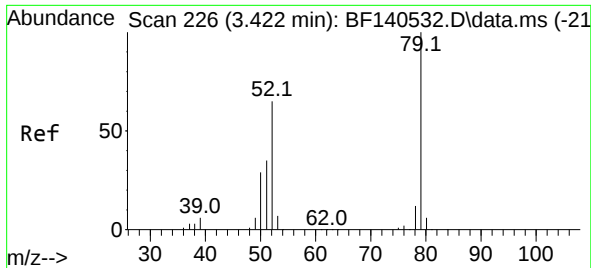
Tgt Ion:152 Resp: 88459  
 Ion Ratio Lower Upper  
 152 100  
 150 156.0 128.5 192.7  
 115 60.8 50.2 75.4



#2  
 1,4-Dioxane  
 Concen: 36.652 ng  
 RT: 2.828 min Scan# 125  
 Delta R.T. 0.176 min  
 Lab File: BF140808.D  
 Acq: 10 Dec 2024 16:16

Tgt Ion: 88 Resp: 79894  
 Ion Ratio Lower Upper  
 88 100  
 58 71.9 57.4 86.2  
 43 0.0 24.3 36.5





#3

Pyridine

Concen: 28.388 ng

RT: 3.610 min Scan# 21

Delta R.T. 0.188 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

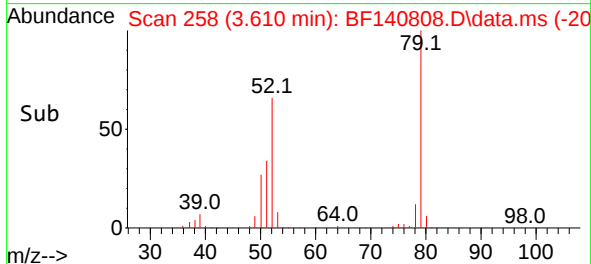
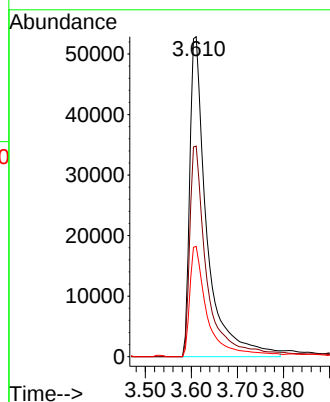
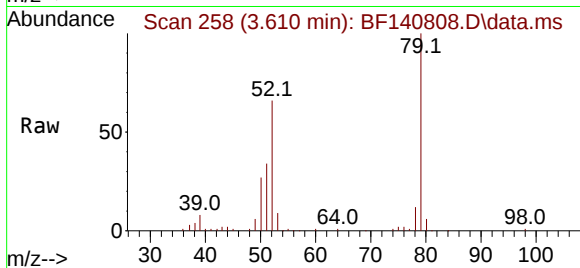
Tgt Ion: 79 Resp: 136154

Ion Ratio Lower Upper

79 100

52 65.8 52.1 78.1

51 34.5 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 39.718 ng

RT: 3.498 min Scan# 239

Delta R.T. 0.118 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

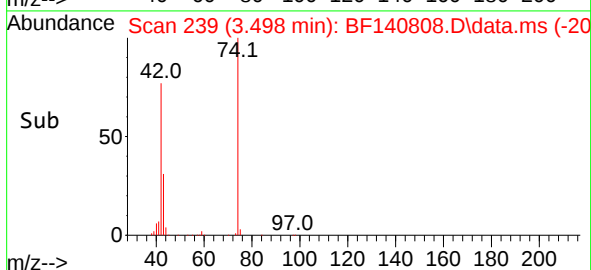
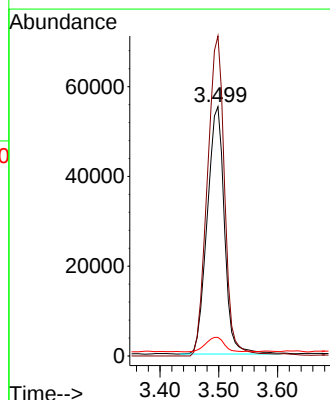
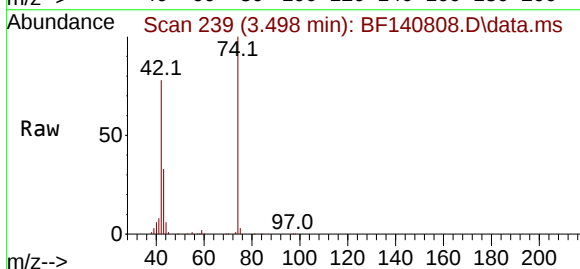
Tgt Ion: 42 Resp: 111957

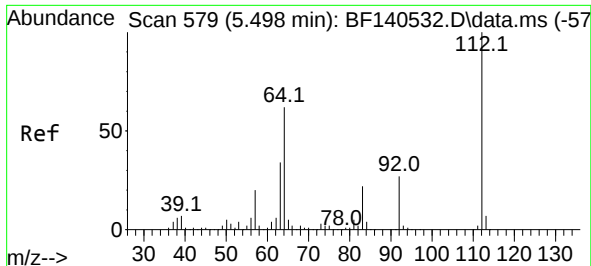
Ion Ratio Lower Upper

42 100

74 128.4 93.8 140.6

44 7.5 4.6 6.8#

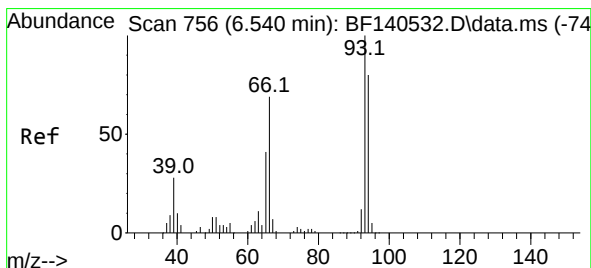
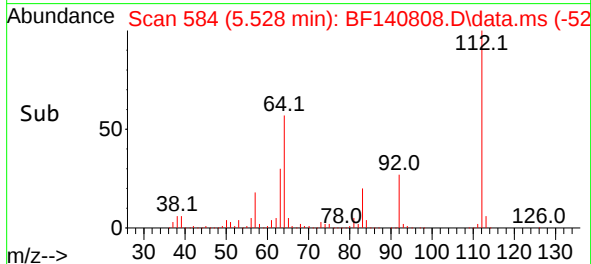
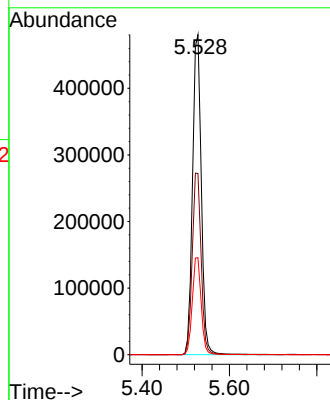
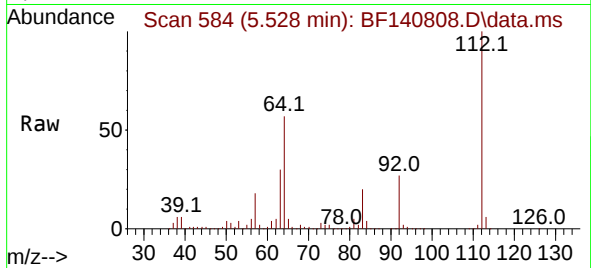




#5  
2-Fluorophenol  
Concen: 129.476 ng  
RT: 5.528 min Scan# 51  
Delta R.T. 0.029 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

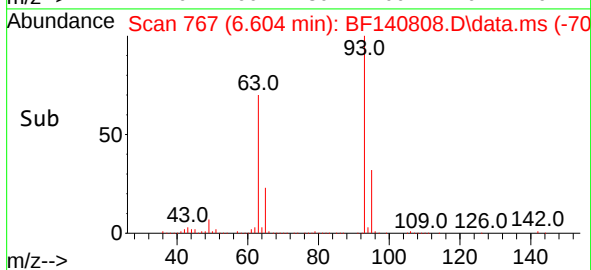
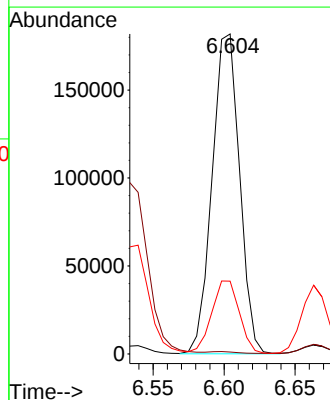
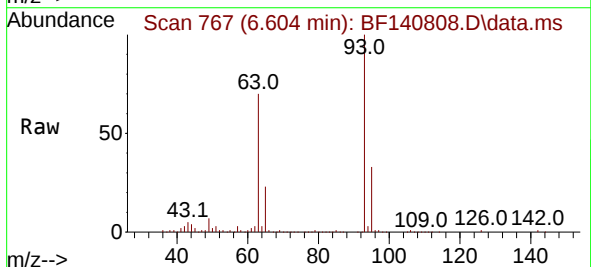
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

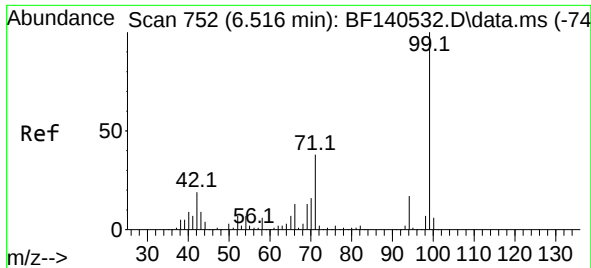
Tgt Ion:112 Resp: 671271  
Ion Ratio Lower Upper  
112 100  
64 56.6 49.2 73.8  
63 30.3 27.0 40.4



#6  
Aniline  
Concen: 50.625 ng  
RT: 6.604 min Scan# 767  
Delta R.T. 0.065 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion: 93 Resp: 244227  
Ion Ratio Lower Upper  
93 100  
66 0.6 56.5 84.7#  
65 22.7 32.9 49.3#

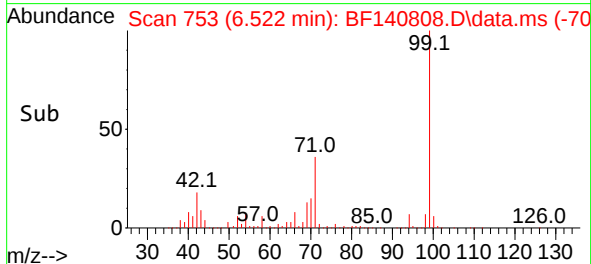
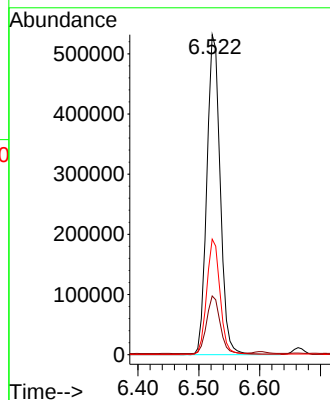
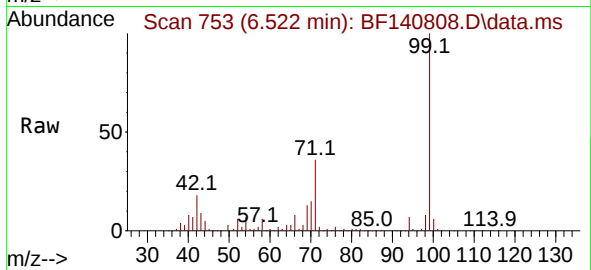




#7  
Phenol-d6  
Concen: 118.091 ng  
RT: 6.522 min Scan# 711  
Delta R.T. 0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

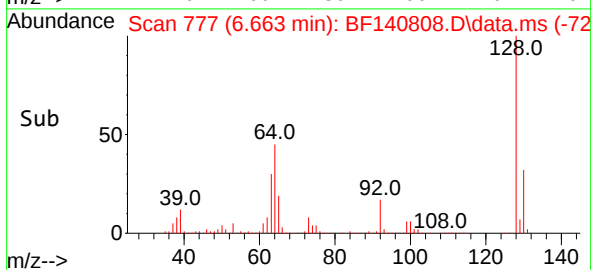
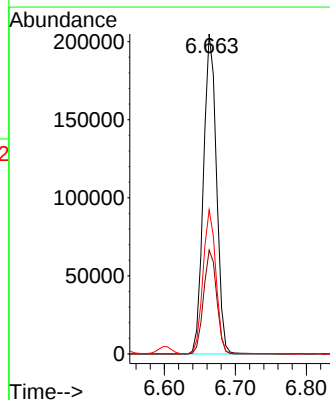
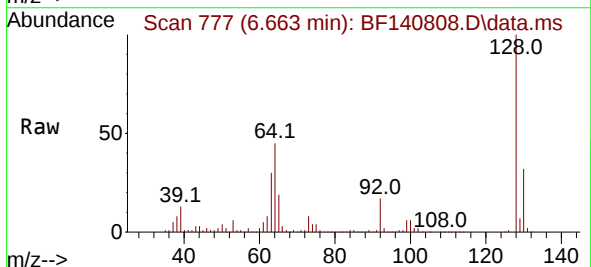
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

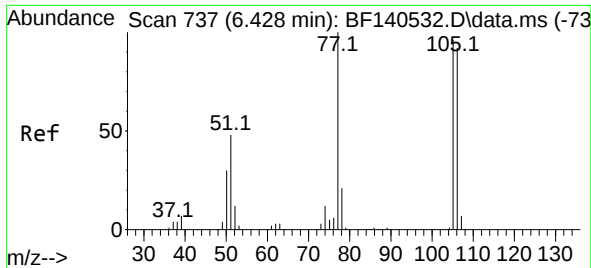
Tgt Ion: 99 Resp: 809406  
Ion Ratio Lower Upper  
99 100  
42 18.4 15.4 23.0  
71 36.1 30.6 46.0



#8  
2-Chlorophenol  
Concen: 47.037 ng  
RT: 6.663 min Scan# 777  
Delta R.T. -0.000 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:128 Resp: 262360  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.3 52.3  
64 45.0 30.2 70.2

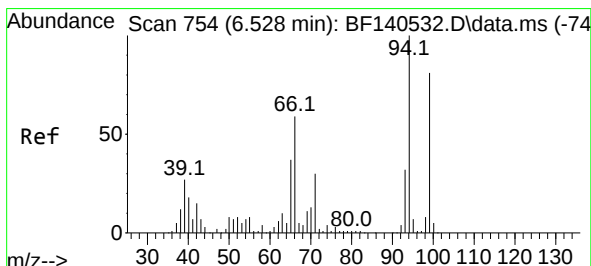
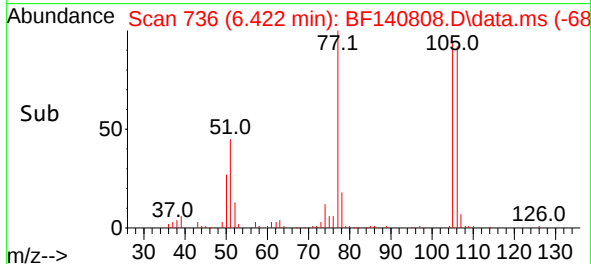
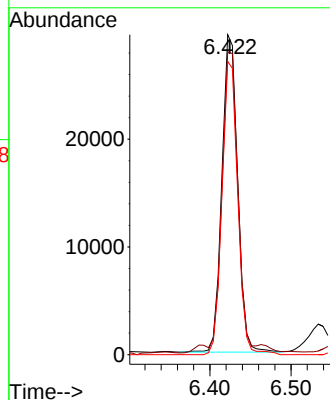
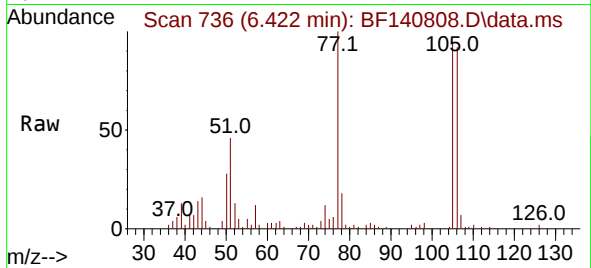




#9  
Benzaldehyde  
Concen: 10.953 ng  
RT: 6.422 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

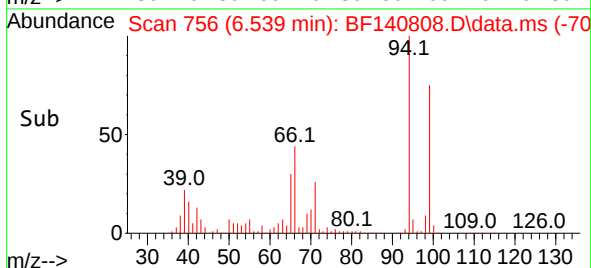
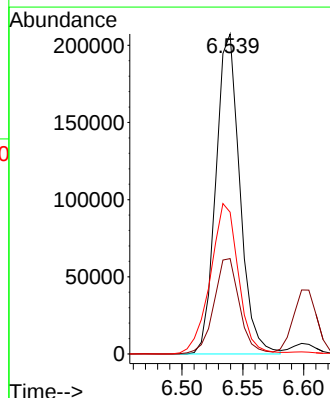
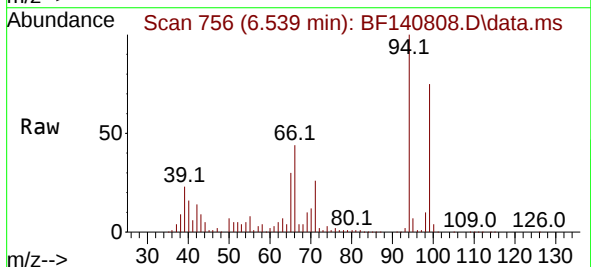
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

Tgt Ion: 77 Resp: 39741  
Ion Ratio Lower Upper  
77 100  
105 94.7 75.6 115.6  
106 91.7 72.0 112.0



#10  
Phenol  
Concen: 40.586 ng  
RT: 6.539 min Scan# 756  
Delta R.T. 0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion: 94 Resp: 284093  
Ion Ratio Lower Upper  
94 100  
65 29.8 17.2 57.2  
66 44.3 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 45.595 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

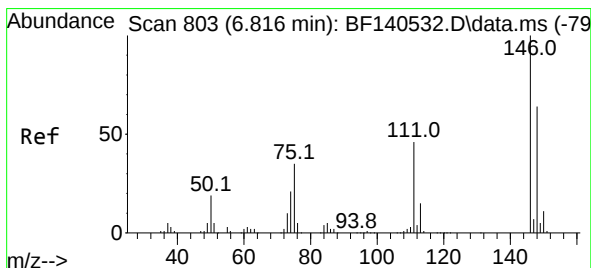
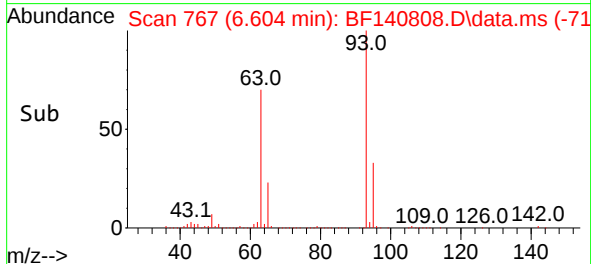
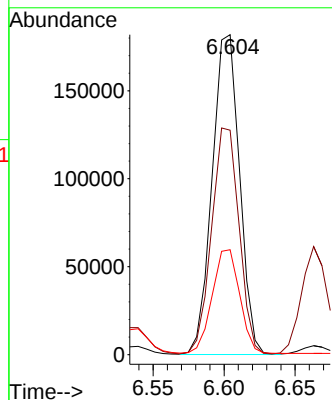
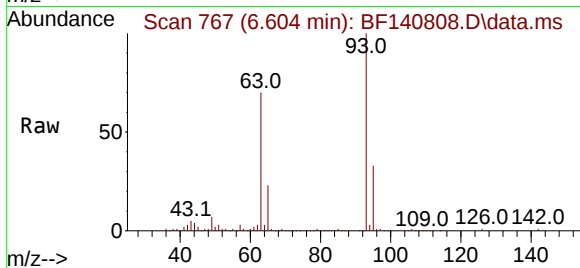
BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

Tgt Ion: 93 Resp: 244227

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 70.1  | 52.8  | 92.8  |
| 95  | 32.8  | 12.3  | 52.3  |



#12

1,3-Dichlorobenzene

Concen: 40.293 ng

RT: 6.804 min Scan# 801

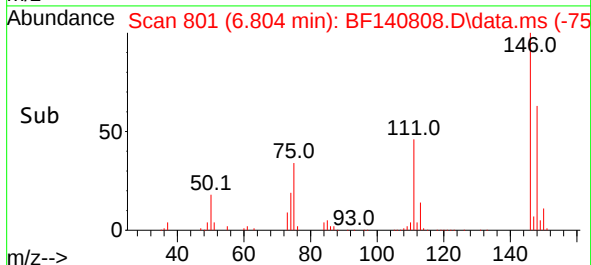
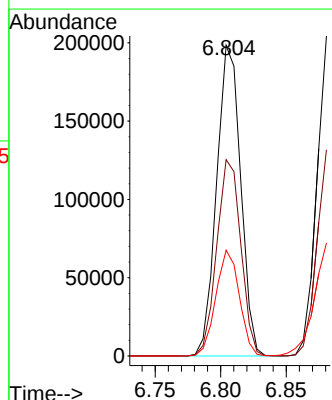
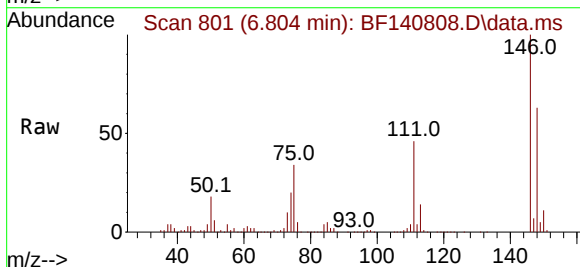
Delta R.T. -0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Tgt Ion: 146 Resp: 252531

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.2  | 51.3  | 76.9  |
| 75  | 34.1  | 28.2  | 42.2  |

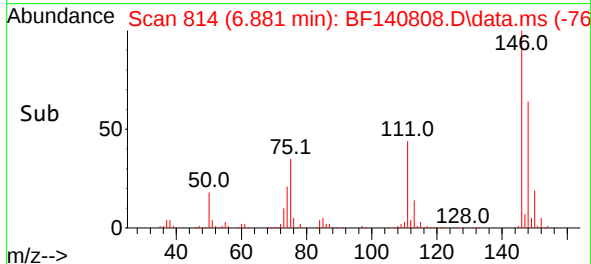
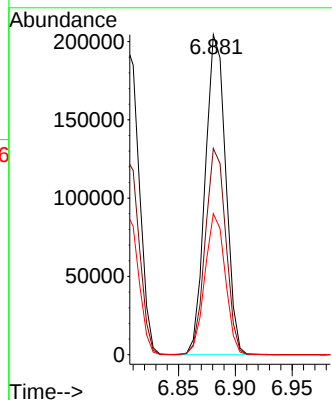
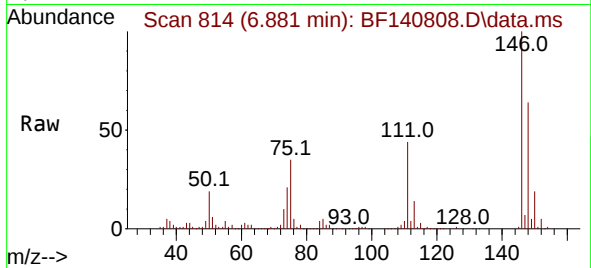




#13  
1,4-Dichlorobenzene  
Concen: 40.401 ng  
RT: 6.881 min Scan# 816  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

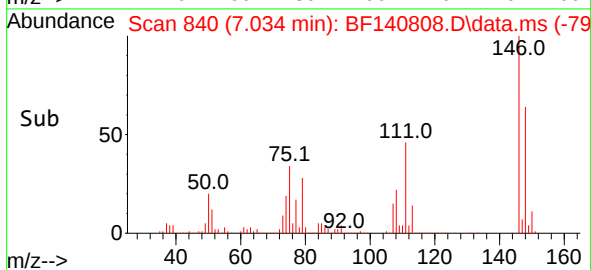
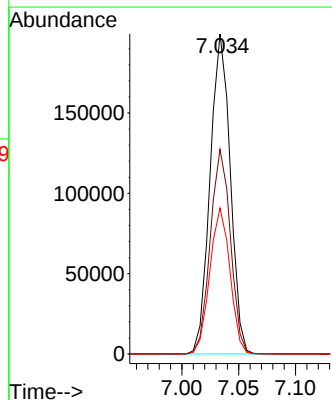
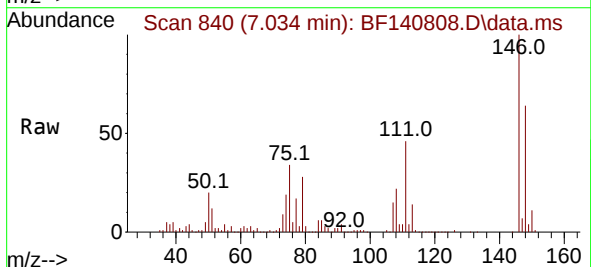
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

Tgt Ion:146 Resp: 256388  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.0 76.6  
111 44.1 35.3 52.9



#14  
1,2-Dichlorobenzene  
Concen: 41.383 ng  
RT: 7.034 min Scan# 840  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:146 Resp: 246085  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.5 75.7  
111 45.6 36.7 55.1

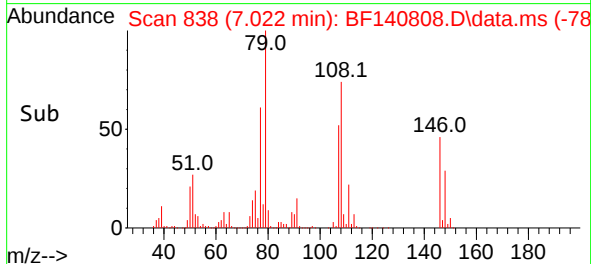
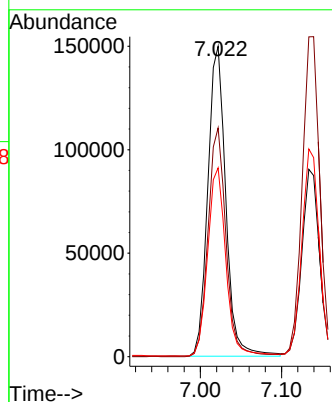
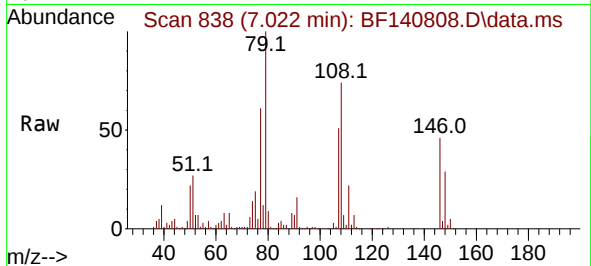




#15  
Benzyl Alcohol  
Concen: 45.194 ng  
RT: 7.022 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

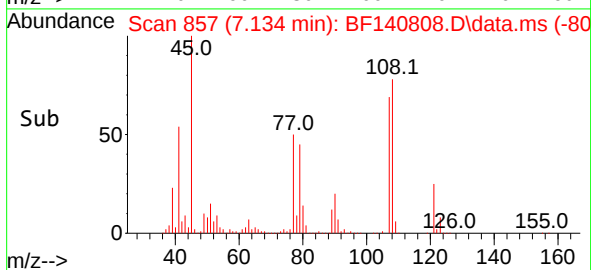
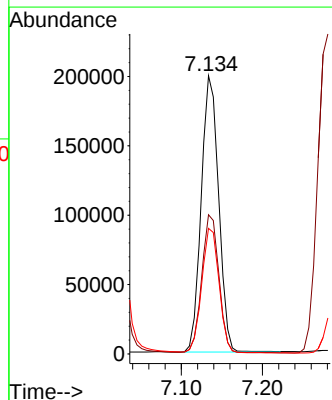
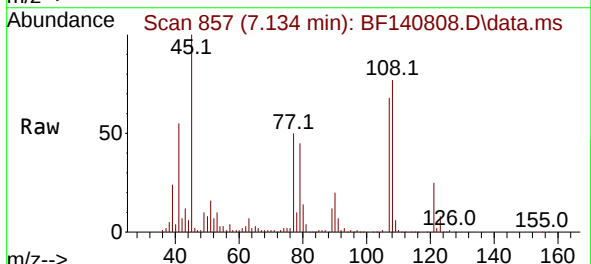
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

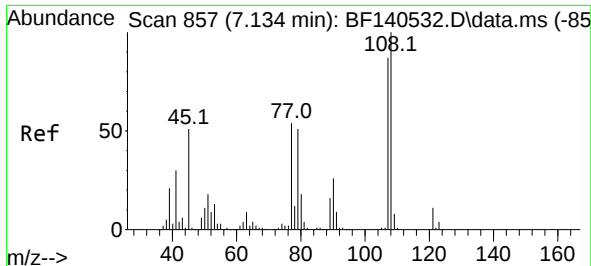
Tgt Ion: 79 Resp: 229716  
Ion Ratio Lower Upper  
79 100  
108 73.7 55.0 82.6  
77 60.8 50.1 75.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.870 ng  
RT: 7.134 min Scan# 857  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion: 45 Resp: 296591  
Ion Ratio Lower Upper  
45 100  
77 50.0 10.7 50.7  
79 45.1 7.0 47.0



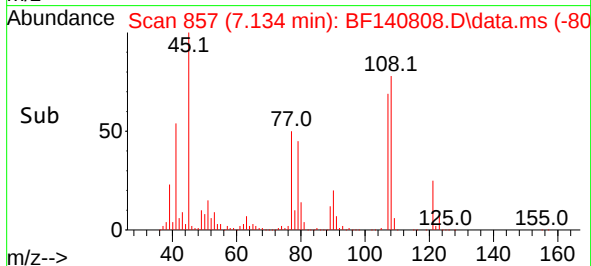
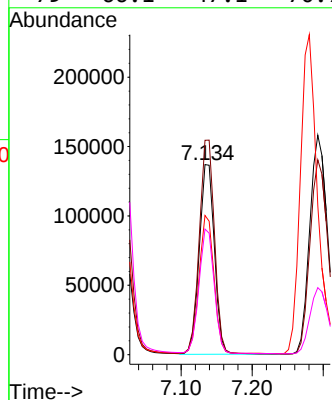
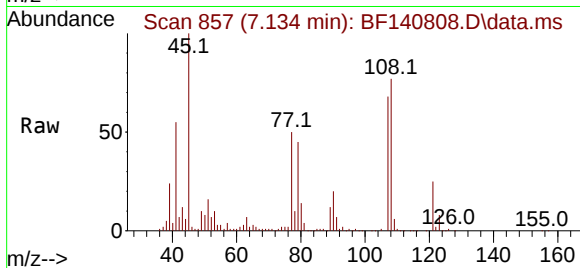


#17  
2-Methylphenol  
Concen: 45.605 ng  
RT: 7.134 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

Tgt Ion:107 Resp: 203622

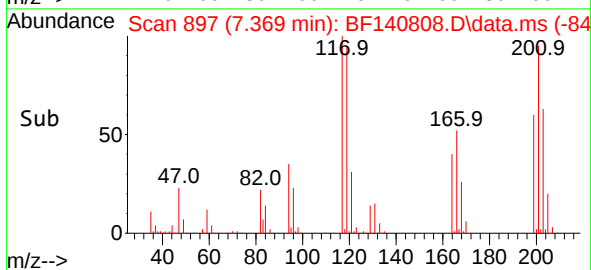
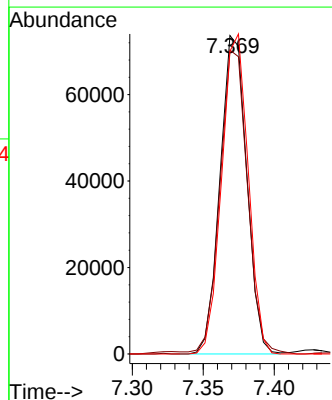
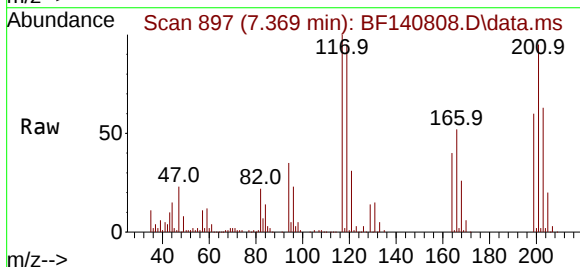
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.8 | 91.7  | 137.5 |
| 77  | 73.2  | 49.3  | 73.9  |
| 79  | 66.1  | 47.1  | 70.7  |

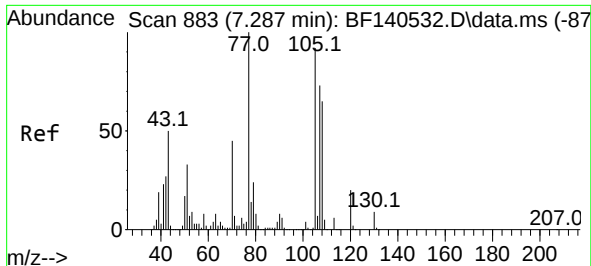


#18  
Hexachloroethane  
Concen: 40.686 ng  
RT: 7.369 min Scan# 897  
Delta R.T. -0.018 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:117 Resp: 96432

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.5  | 77.1  | 115.7 |
| 201 | 95.1  | 81.1  | 121.7 |





#19

n-Nitroso-di-n-propylamine

Concen: 48.264 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140808.D

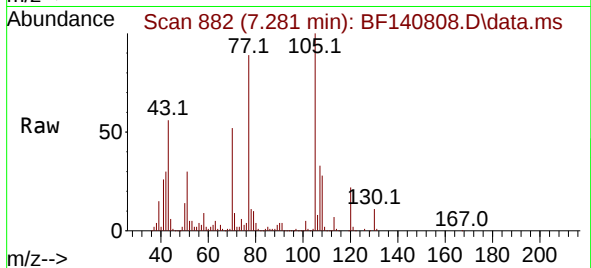
Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD



Tgt Ion: 70 Resp: 195505

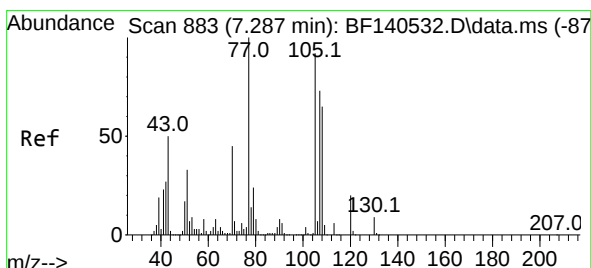
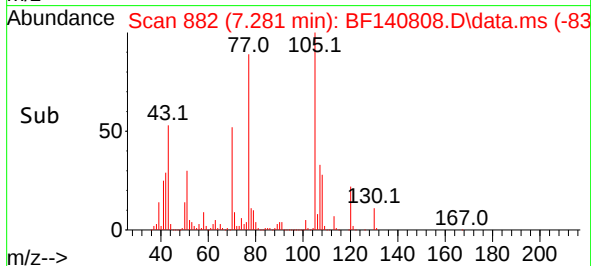
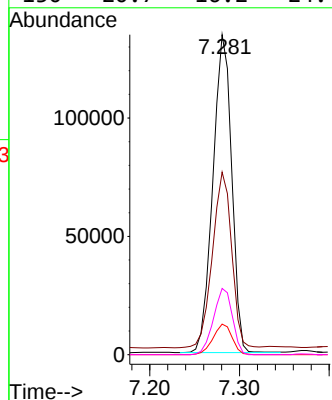
Ion Ratio Lower Upper

70 100

42 57.1 47.6 71.4

101 9.6 7.6 11.4

130 20.7 16.2 24.4



#20

3+4-Methylphenols

Concen: 47.754 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Tgt Ion:107 Resp: 274061

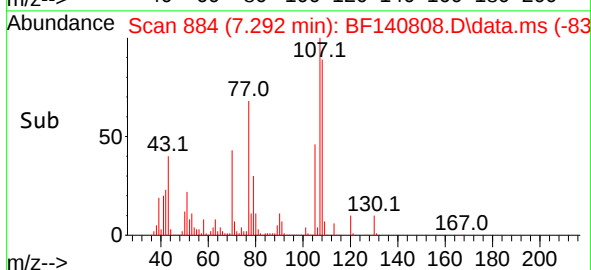
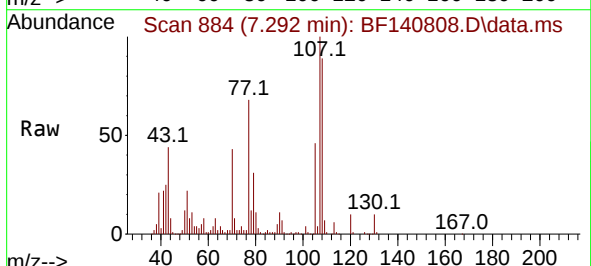
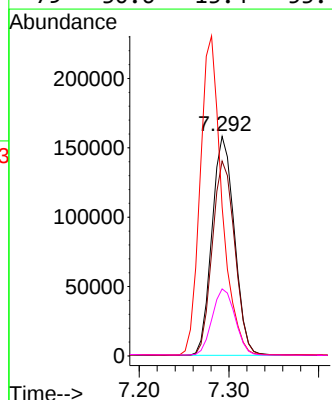
Ion Ratio Lower Upper

107 100

108 88.8 69.9 109.9

77 67.9 117.7 157.7#

79 30.6 13.4 53.4



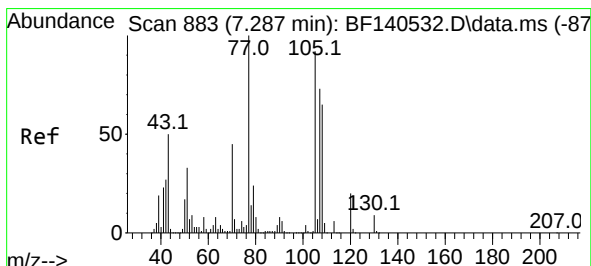
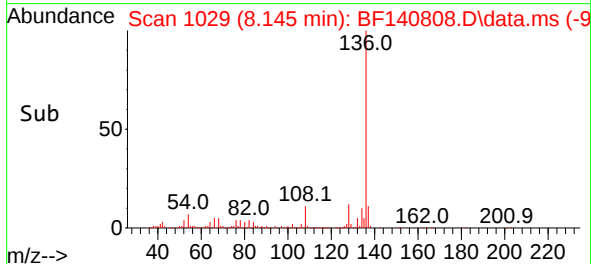
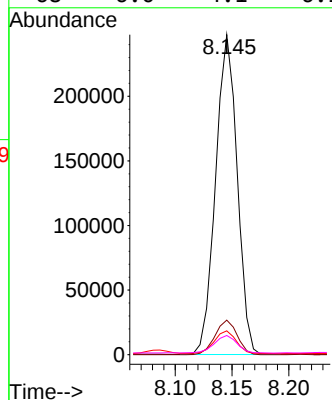
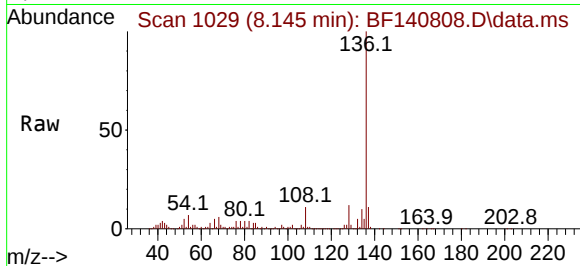


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1031  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

Tgt Ion:136 Resp: 327477

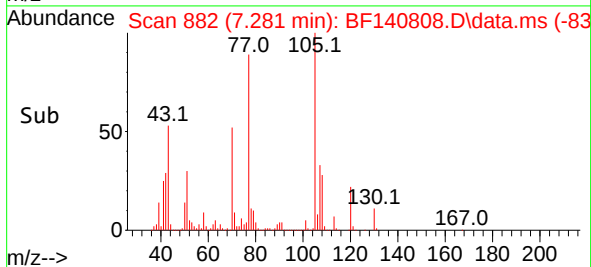
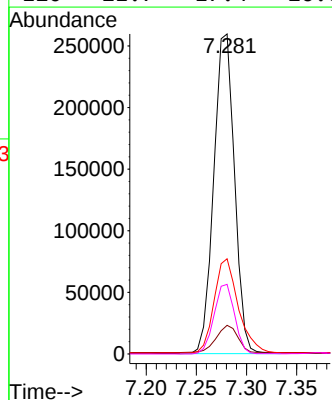
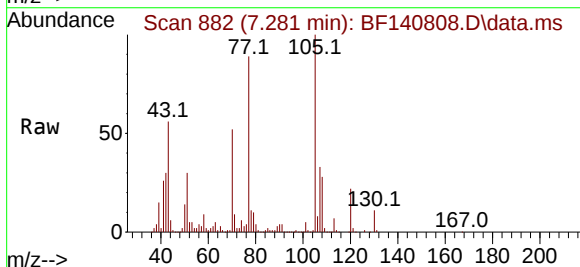
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 13.0  |
| 54  | 7.4   | 5.8   | 8.8   |
| 68  | 6.0   | 4.1   | 6.1   |

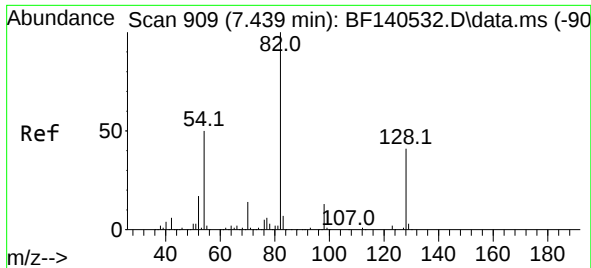


#22  
Acetophenone  
Concen: 46.801 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:105 Resp: 373644

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 9.0   | 6.2   | 9.2   |
| 51  | 29.7  | 29.0  | 43.6  |
| 120 | 21.7  | 17.4  | 26.0  |

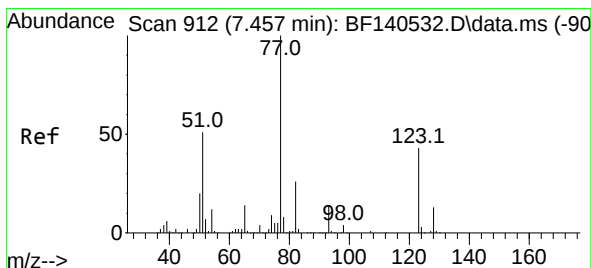
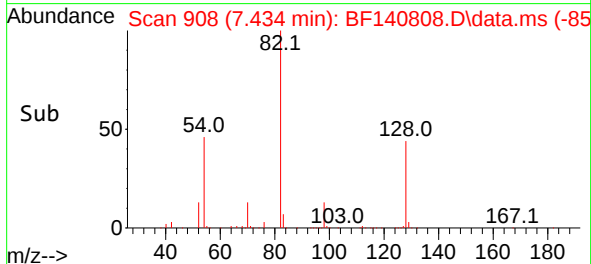
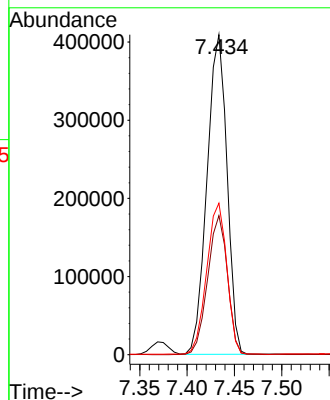
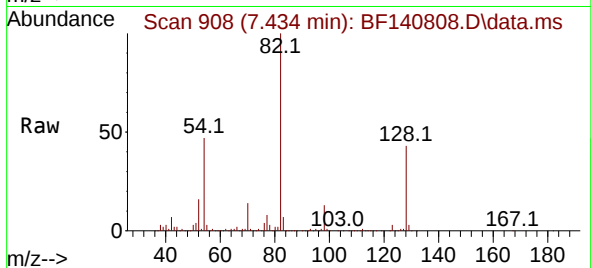




#23  
Nitrobenzene-d5  
Concen: 93.429 ng  
RT: 7.434 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

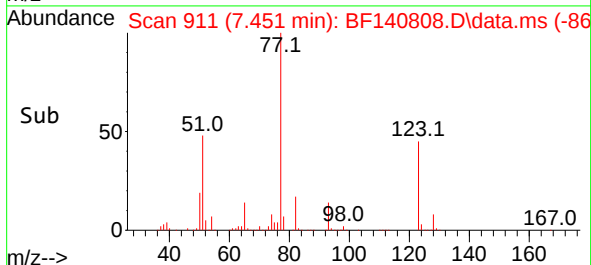
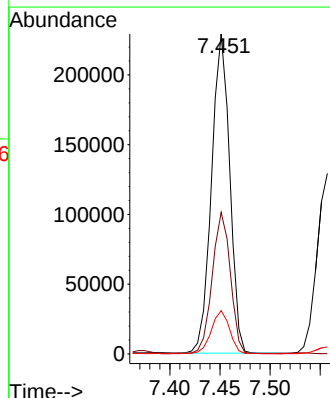
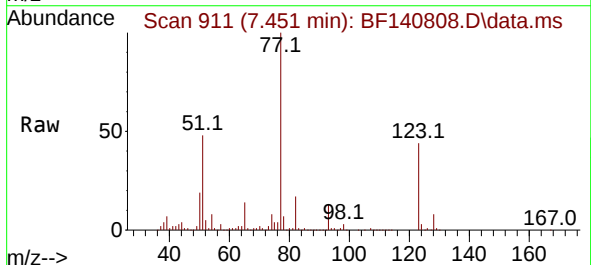
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

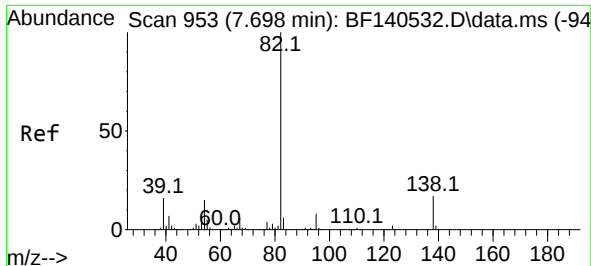
Tgt Ion: 82 Resp: 598158  
Ion Ratio Lower Upper  
82 100  
128 43.5 33.0 49.4  
54 47.4 39.5 59.3



#24  
Nitrobenzene  
Concen: 43.640 ng  
RT: 7.451 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion: 77 Resp: 288761  
Ion Ratio Lower Upper  
77 100  
123 44.2 34.3 51.5  
65 13.6 11.2 16.8

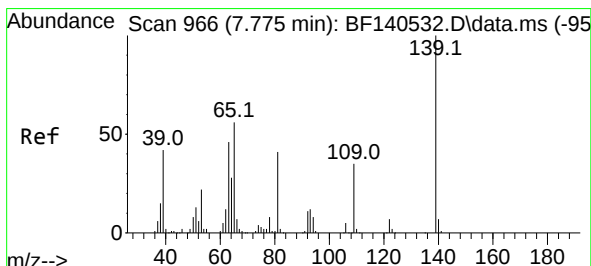
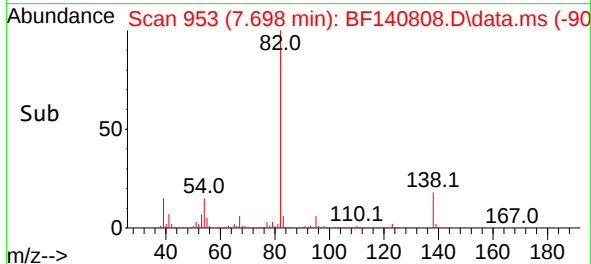
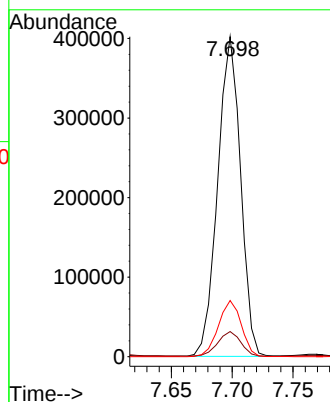
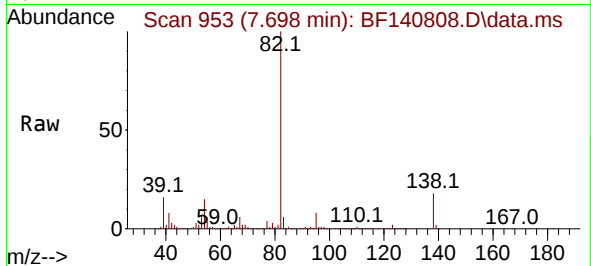




#25  
Isophorone  
Concen: 49.273 ng  
RT: 7.698 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

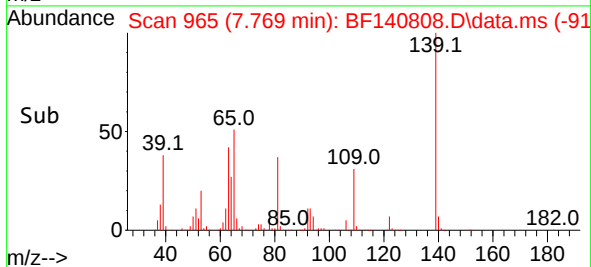
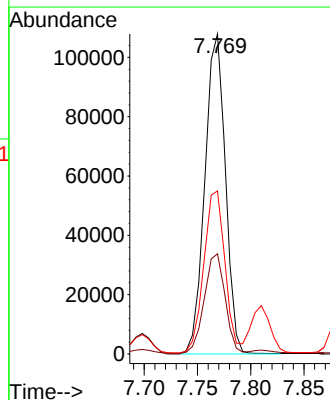
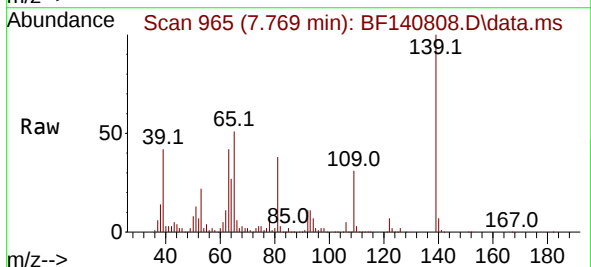
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

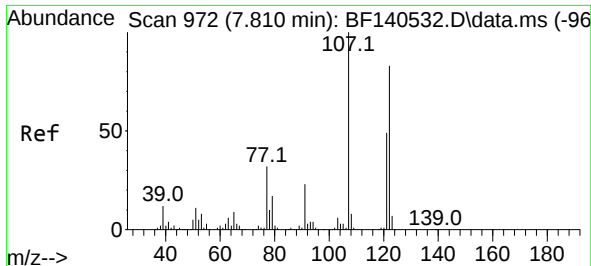
Tgt Ion: 82 Resp: 526163  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.4 9.6  
138 17.6 13.8 20.6



#26  
2-Nitrophenol  
Concen: 49.461 ng  
RT: 7.769 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:139 Resp: 145036  
Ion Ratio Lower Upper  
139 100  
109 31.3 28.0 42.0  
65 50.9 44.6 67.0

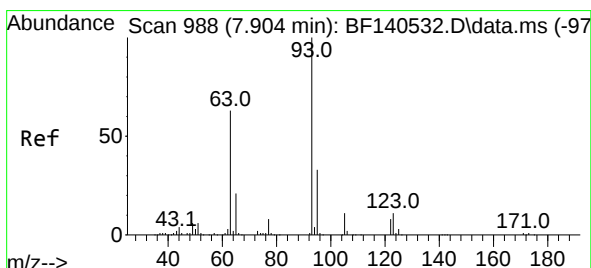
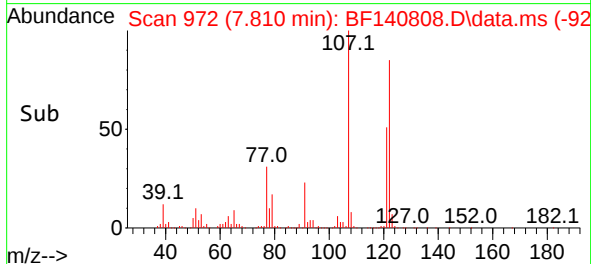
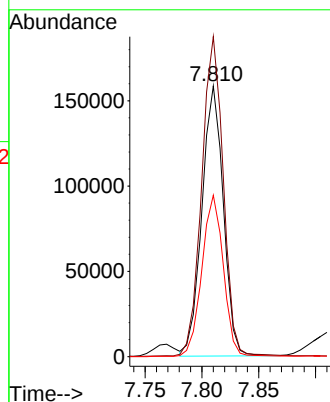
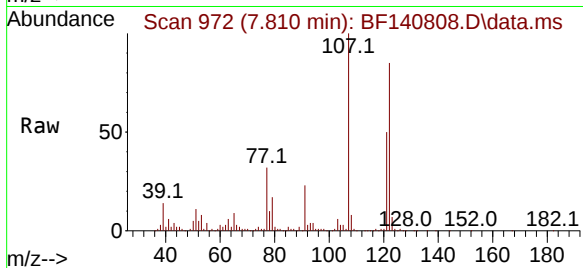




#27  
2,4-Dimethylphenol  
Concen: 59.132 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

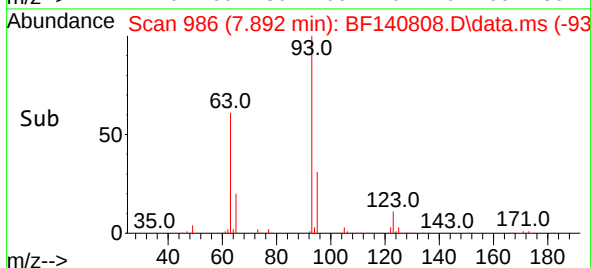
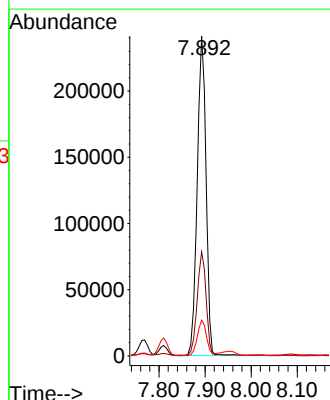
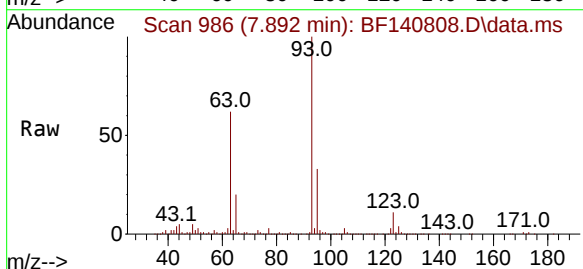
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

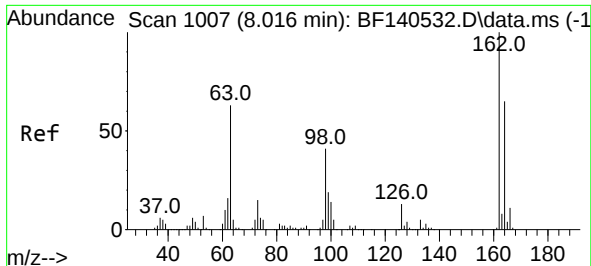
Tgt Ion:122 Resp: 207463  
Ion Ratio Lower Upper  
122 100  
107 118.2 96.8 145.2  
121 59.7 47.4 71.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.152 ng  
RT: 7.892 min Scan# 986  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion: 93 Resp: 319752  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.1 39.1  
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.471 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

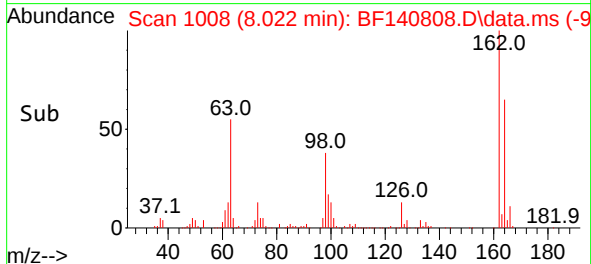
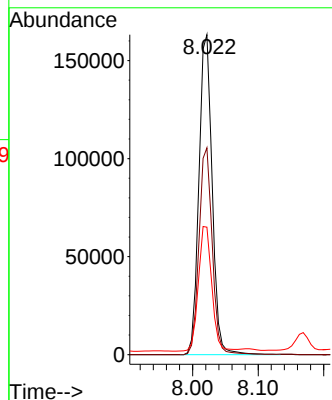
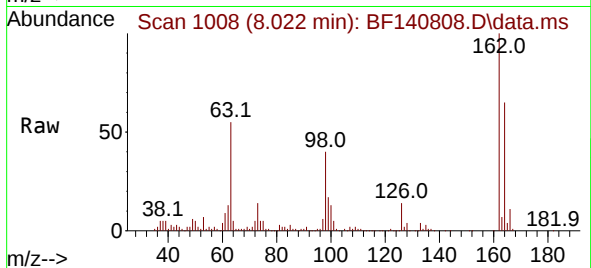
Tgt Ion:162 Resp: 229991

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

98 39.8 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 43.934 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

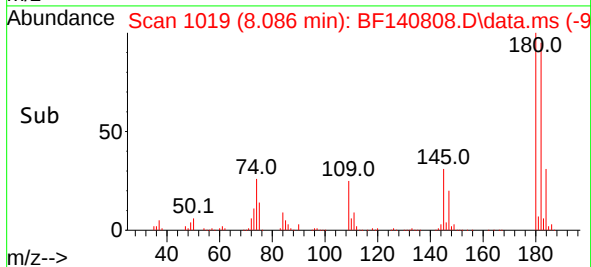
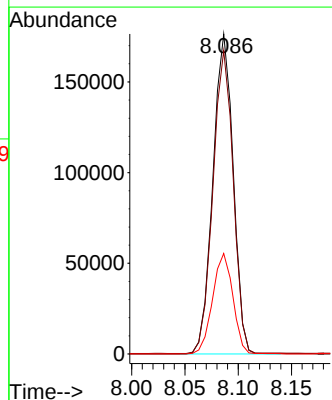
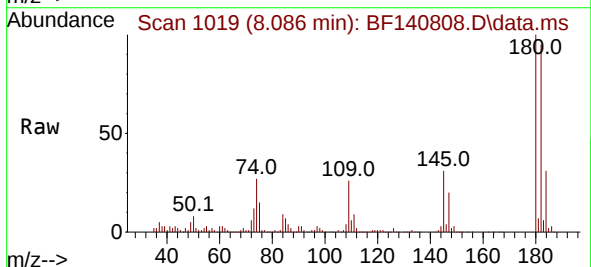
Tgt Ion:180 Resp: 233204

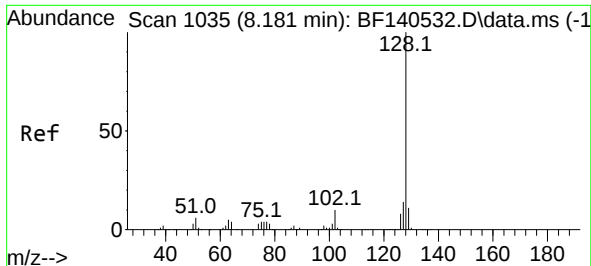
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 31.4 25.9 38.9

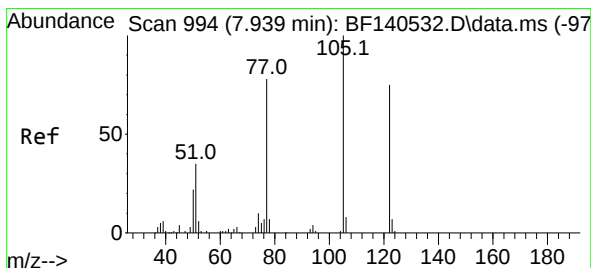
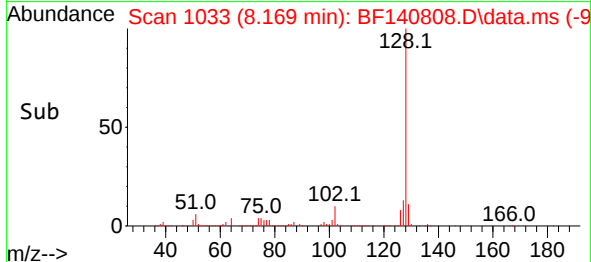
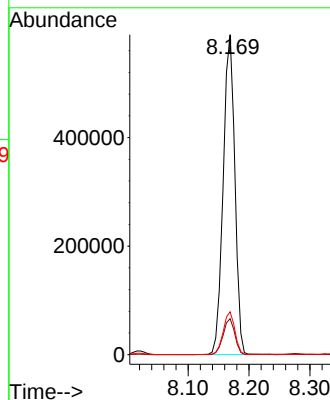
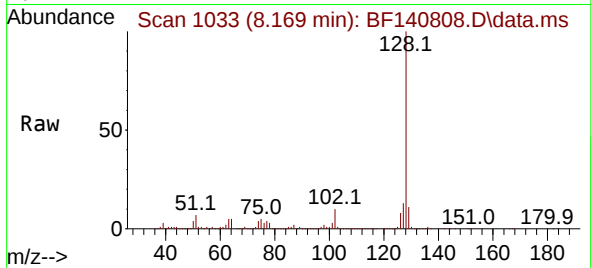




#31  
Naphthalene  
Concen: 46.364 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

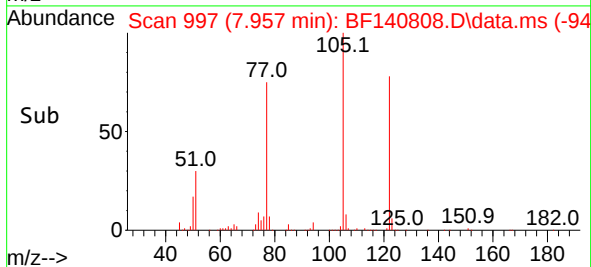
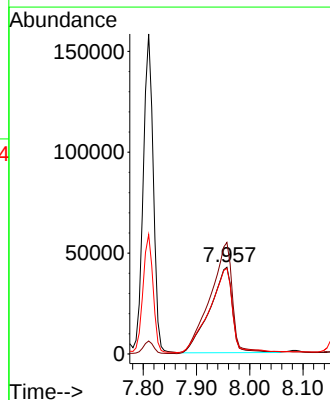
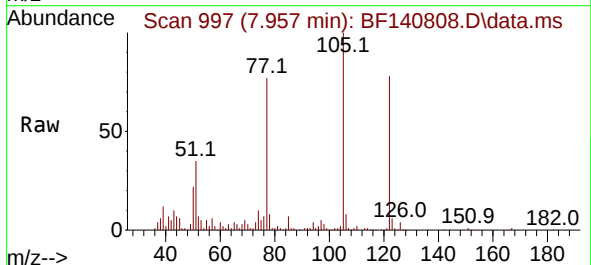
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

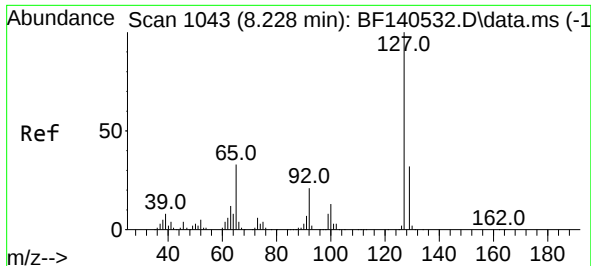
Tgt Ion:128 Resp: 782073  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 13.0  
127 13.4 10.8 16.2



#32  
Benzoic acid  
Concen: 42.046 ng  
RT: 7.957 min Scan# 997  
Delta R.T. 0.018 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:122 Resp: 125167  
Ion Ratio Lower Upper  
122 100  
105 128.6 109.3 149.3  
77 98.9 82.3 122.3

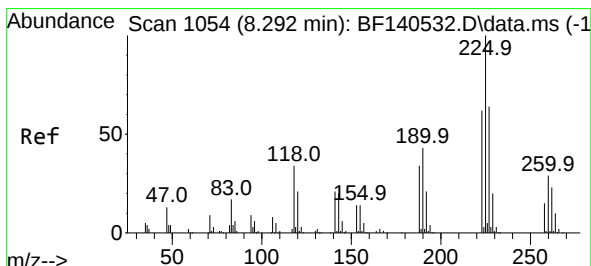
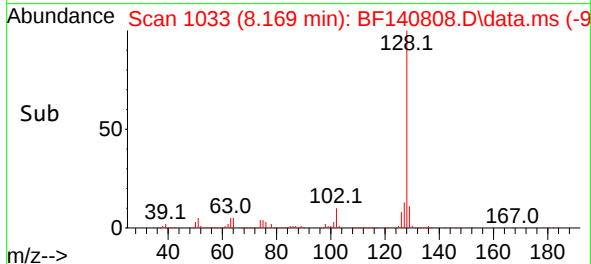
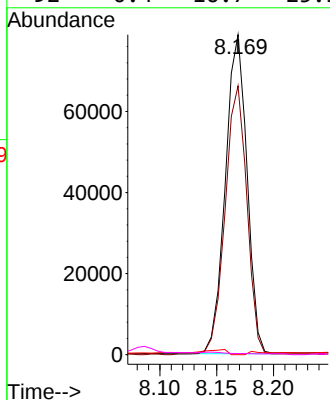
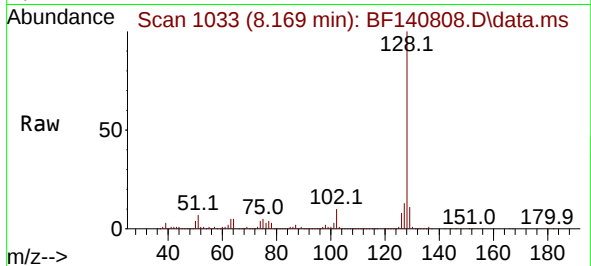




#33  
4-Chloroaniline  
Concen: 20.639 ng  
RT: 8.169 min Scan# 1043  
Delta R.T. -0.059 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

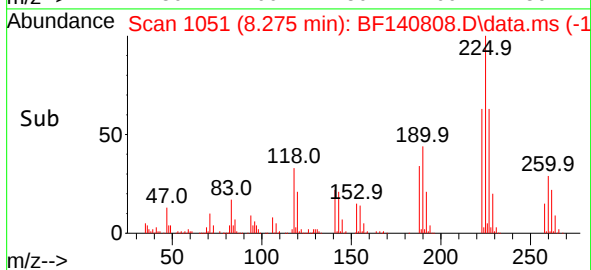
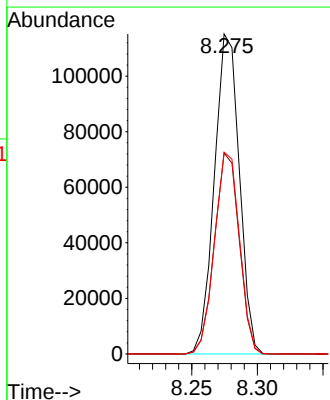
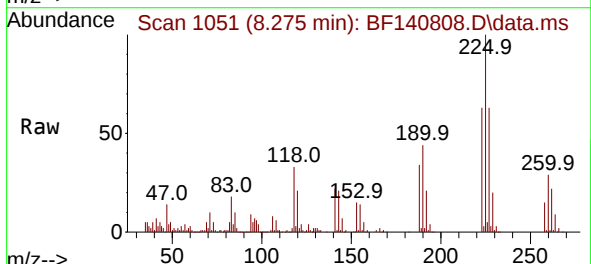
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

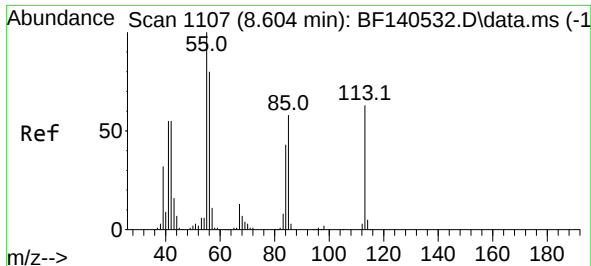
|             |                 |
|-------------|-----------------|
| Tgt Ion:127 | Resp: 104236    |
| Ion Ratio   | Lower Upper     |
| 127         | 100             |
| 129         | 84.0 26.0 39.0# |
| 65          | 0.0 26.0 39.0#  |
| 92          | 0.4 16.7 25.1#  |



#34  
Hexachlorobutadiene  
Concen: 43.328 ng  
RT: 8.275 min Scan# 1051  
Delta R.T. -0.018 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

|             |                |
|-------------|----------------|
| Tgt Ion:225 | Resp: 152334   |
| Ion Ratio   | Lower Upper    |
| 225         | 100            |
| 223         | 62.8 49.8 74.8 |
| 227         | 63.1 51.3 76.9 |

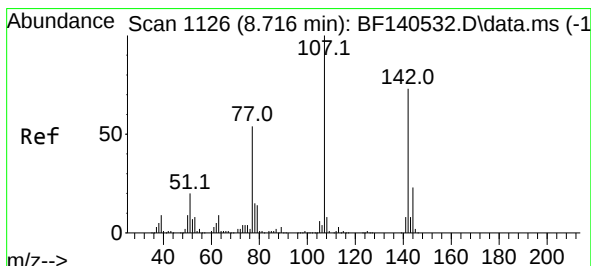
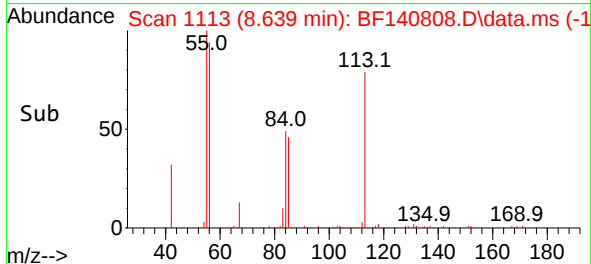
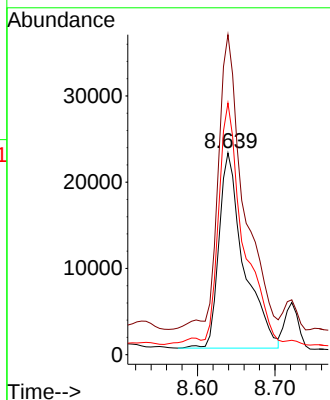
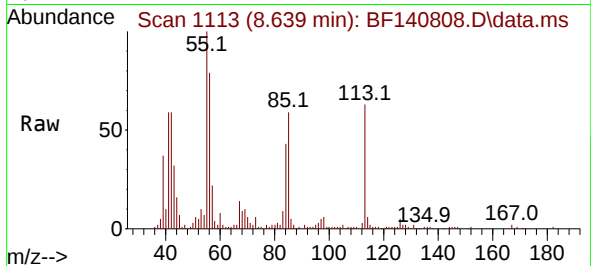




#35  
 Caprolactam  
 Concen: 35.050 ng  
 RT: 8.639 min Scan# 1113  
 Delta R.T. 0.035 min  
 Lab File: BF140808.D  
 Acq: 10 Dec 2024 16:16

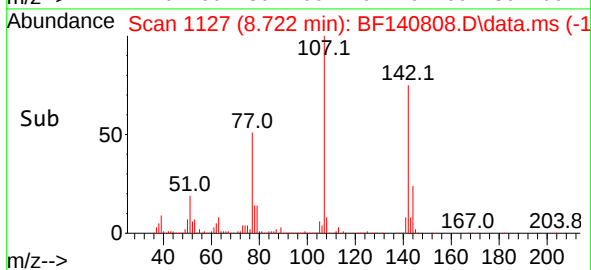
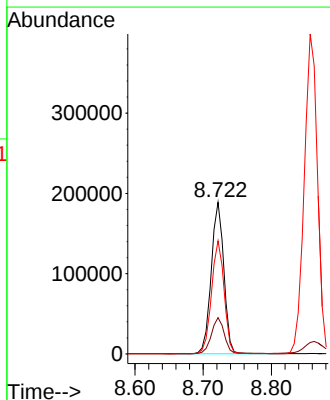
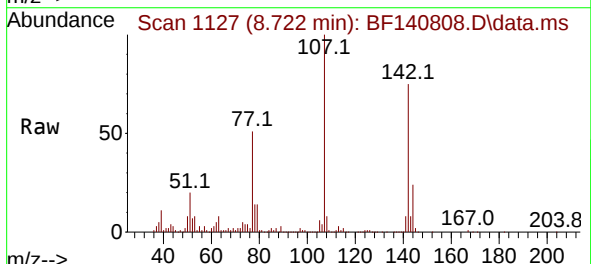
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROLL-OFF-COMPMSD

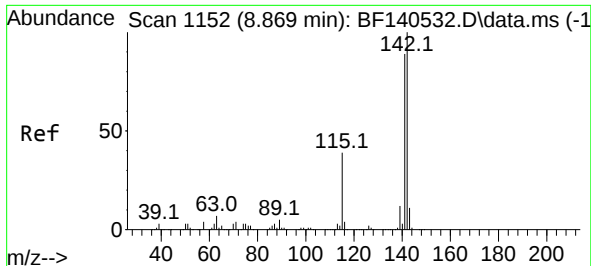
Tgt Ion:113 Resp: 50427  
 Ion Ratio Lower Upper  
 113 100  
 55 158.6 137.7 177.7  
 56 124.7 106.4 146.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.799 ng  
 RT: 8.722 min Scan# 1127  
 Delta R.T. 0.006 min  
 Lab File: BF140808.D  
 Acq: 10 Dec 2024 16:16

Tgt Ion:107 Resp: 243594  
 Ion Ratio Lower Upper  
 107 100  
 144 23.9 18.7 28.1  
 142 74.7 58.3 87.5

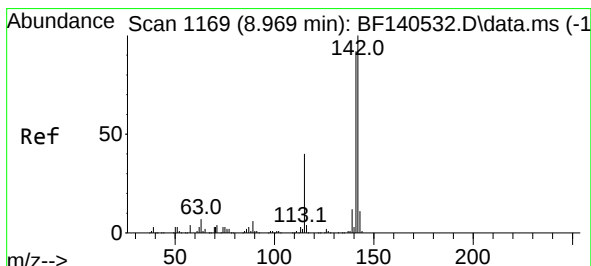
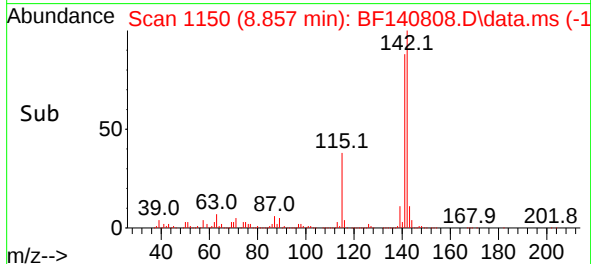
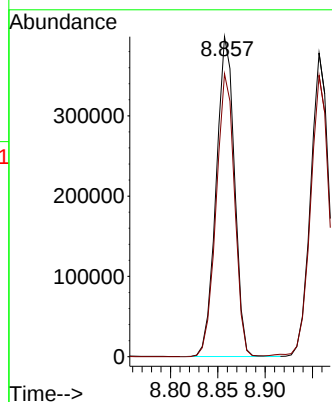
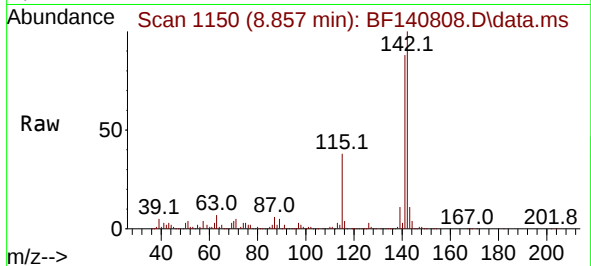




#37  
2-Methylnaphthalene  
Concen: 50.094 ng  
RT: 8.857 min Scan# 1152  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

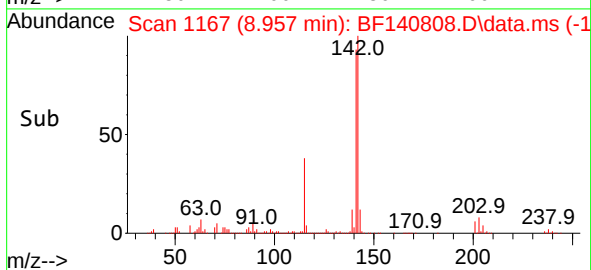
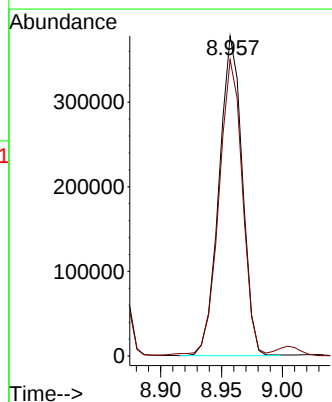
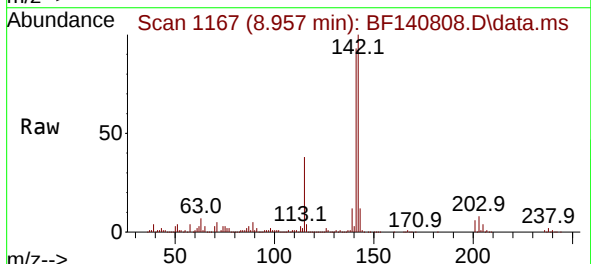
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

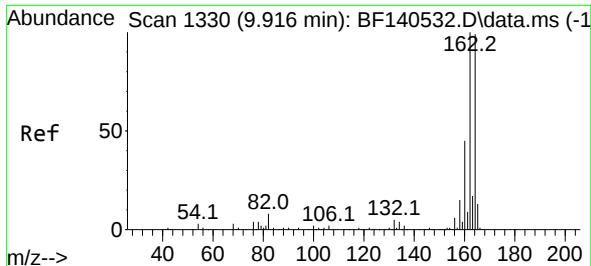
Tgt Ion:142 Resp: 536694  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.0 106.6



#38  
1-Methylnaphthalene  
Concen: 47.701 ng  
RT: 8.957 min Scan# 1167  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:142 Resp: 500945  
Ion Ratio Lower Upper  
142 100  
141 92.6 73.3 109.9

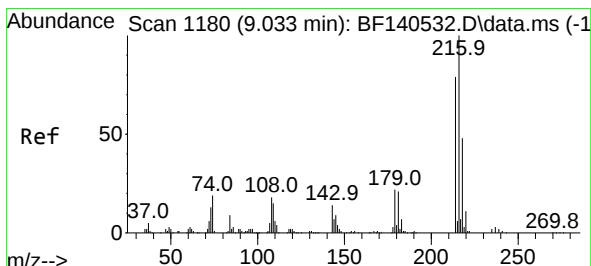
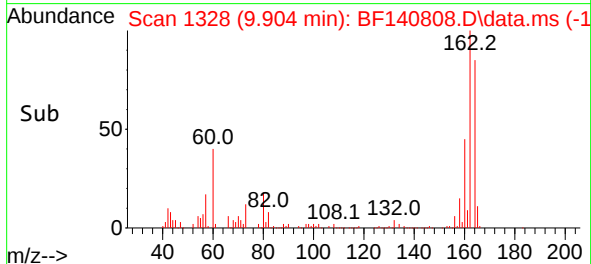
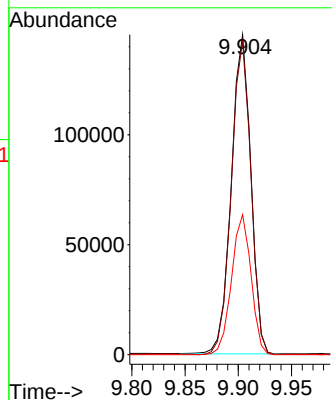
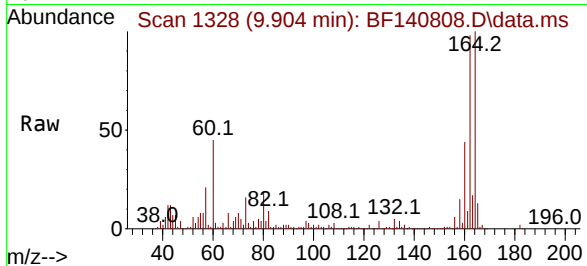




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1179  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

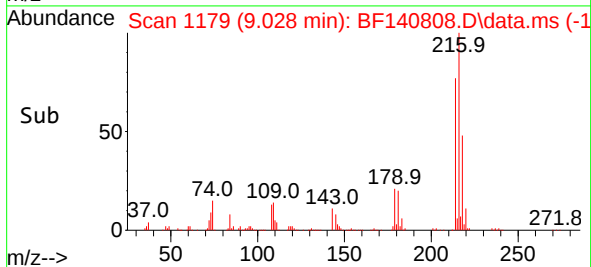
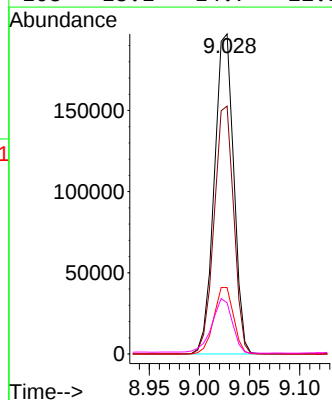
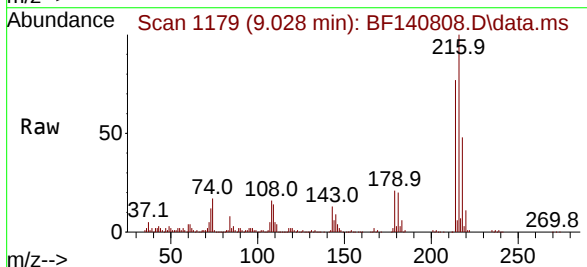
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

Tgt Ion:164 Resp: 185727  
Ion Ratio Lower Upper  
164 100  
162 97.9 80.6 120.8  
160 43.8 36.2 54.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.913 ng  
RT: 9.028 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

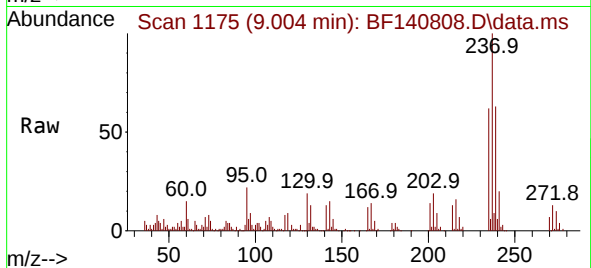
Tgt Ion:216 Resp: 265947  
Ion Ratio Lower Upper  
216 100  
214 77.8 63.0 94.4  
179 21.0 17.5 26.3  
108 18.1 14.7 22.1



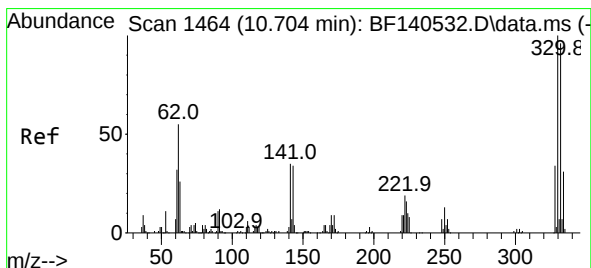
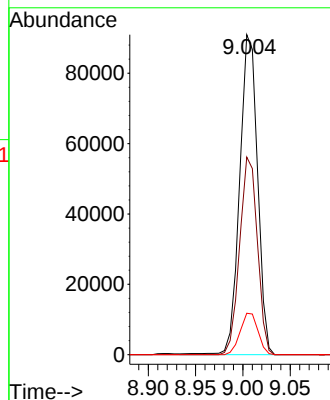
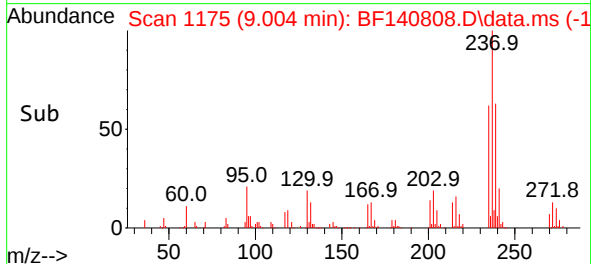


#41  
Hexachlorocyclopentadiene  
Concen: 95.886 ng  
RT: 9.004 min Scan# 1175  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

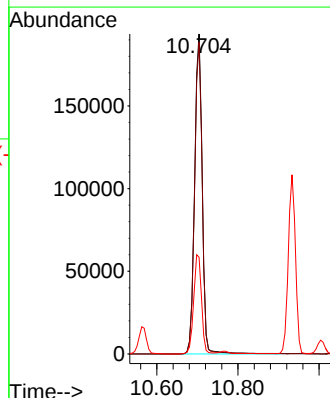
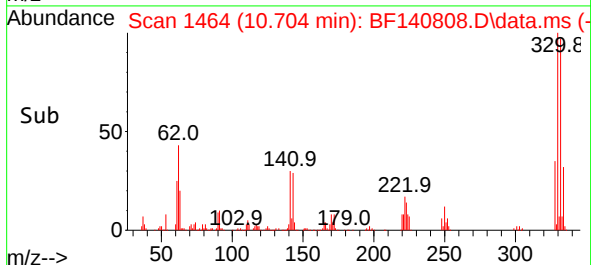
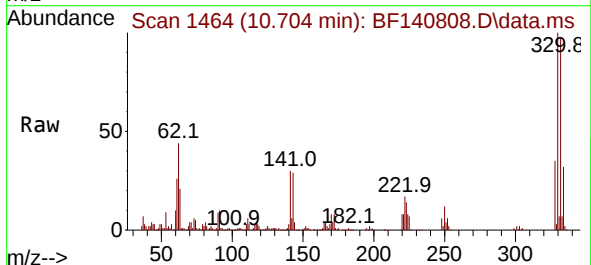


Tgt Ion:237 Resp: 119134  
Ion Ratio Lower Upper  
237 100  
235 61.8 41.1 81.1  
272 12.9 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 127.580 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:330 Resp: 253421  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.9 115.3  
141 31.8 26.7 40.1

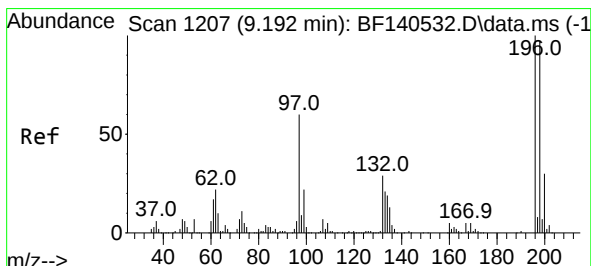
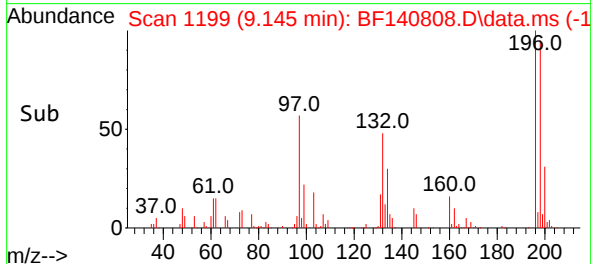
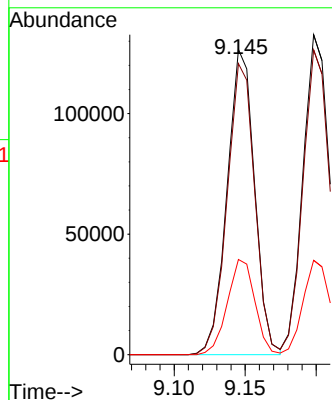
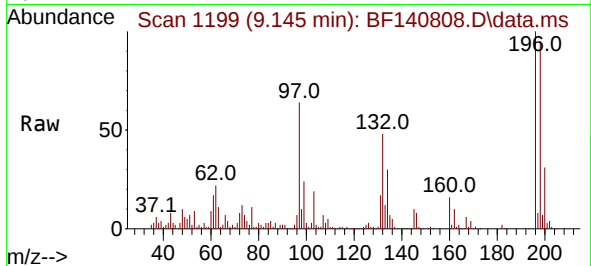




#43  
2,4,6-Trichlorophenol  
Concen: 49.912 ng  
RT: 9.145 min Scan# 1199  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

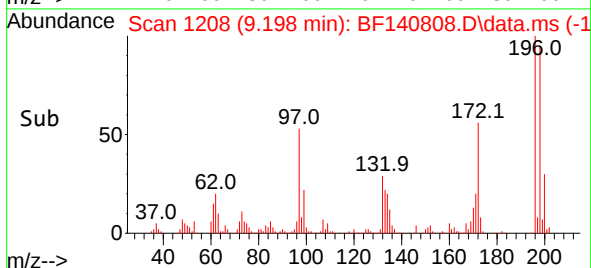
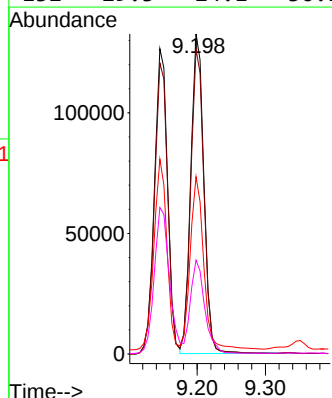
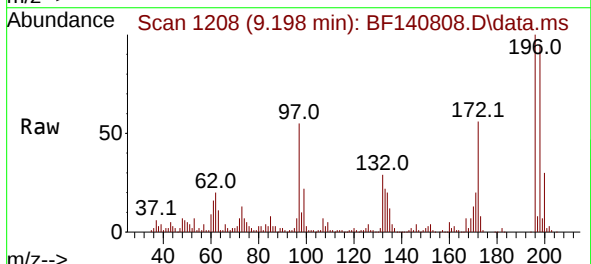
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

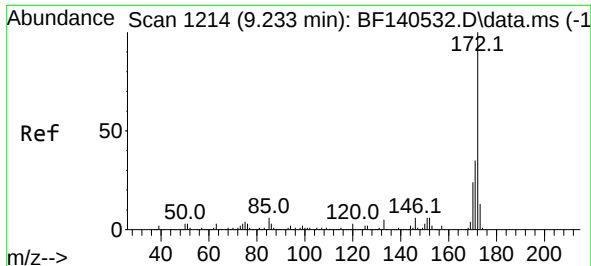
Tgt Ion:196 Resp: 170288  
Ion Ratio Lower Upper  
196 100  
198 95.3 76.8 115.2  
200 31.2 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 47.577 ng  
RT: 9.198 min Scan# 1208  
Delta R.T. 0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:196 Resp: 176166  
Ion Ratio Lower Upper  
196 100  
198 95.2 77.2 115.8  
97 55.4 47.1 70.7  
132 29.3 24.1 36.1

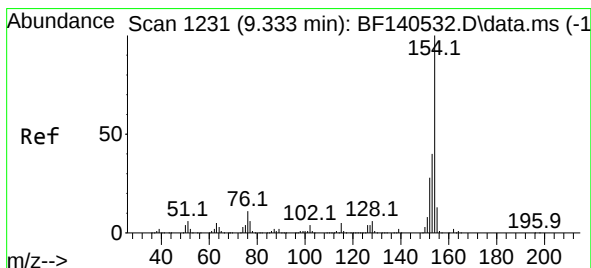
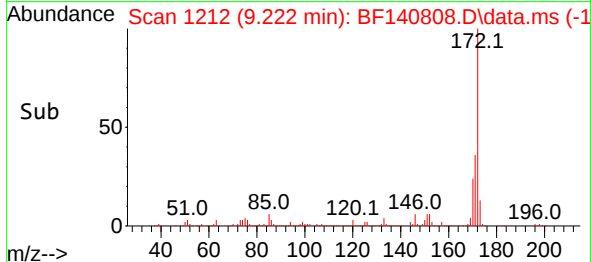
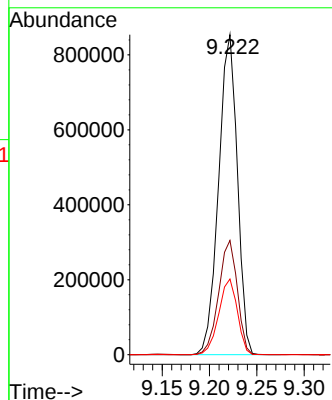
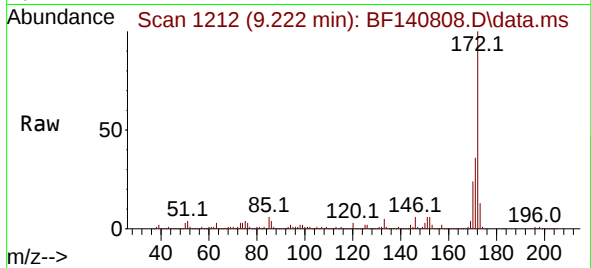




#45  
2-Fluorobiphenyl  
Concen: 94.391 ng  
RT: 9.222 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

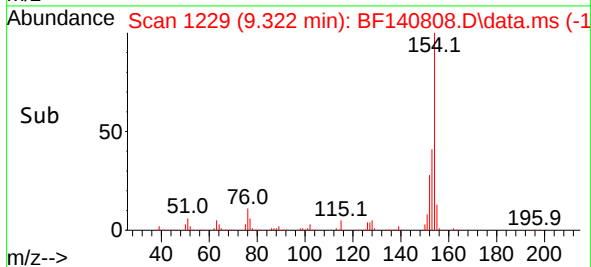
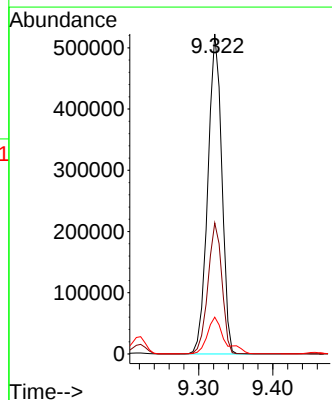
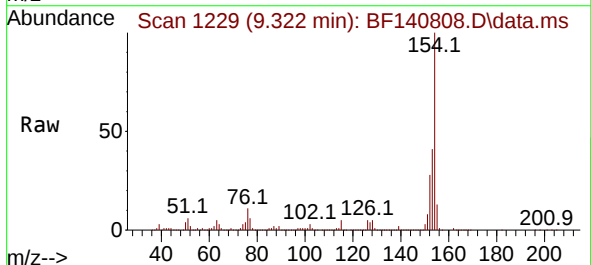
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

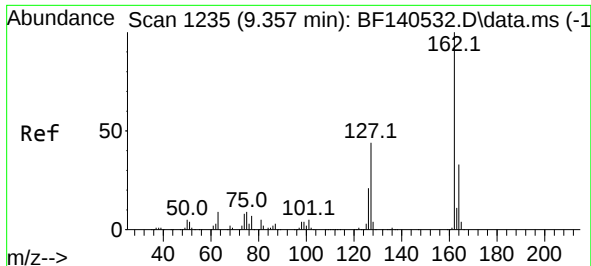
Tgt Ion:172 Resp: 1176614  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.4 42.6  
170 23.6 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 49.305 ng  
RT: 9.322 min Scan# 1229  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:154 Resp: 683693  
Ion Ratio Lower Upper  
154 100  
153 40.9 20.4 60.4  
76 11.5 0.0 31.2

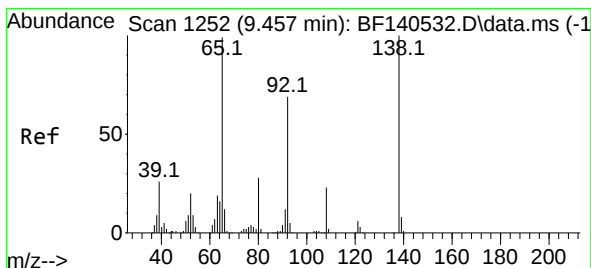
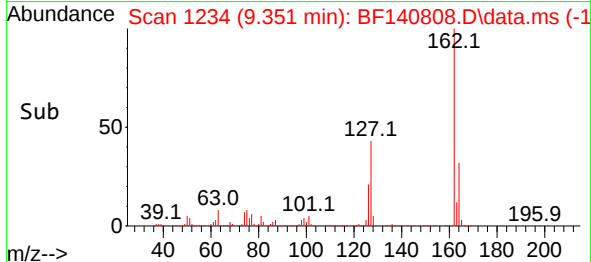
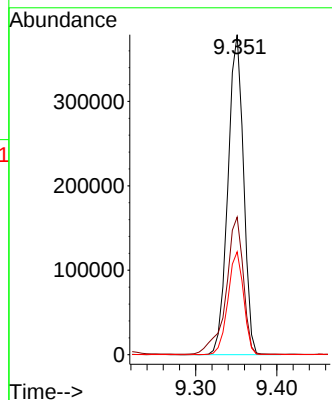
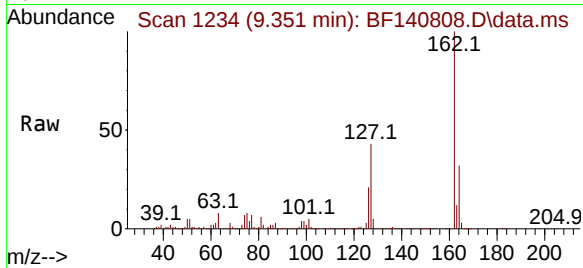




#47  
2-Chloronaphthalene  
Concen: 48.143 ng  
RT: 9.351 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

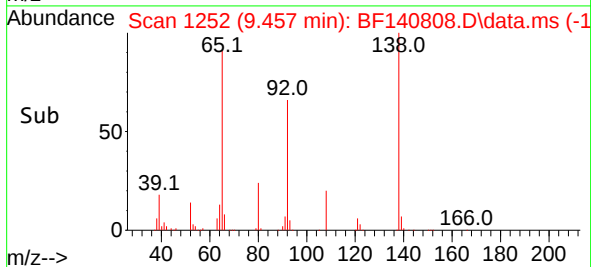
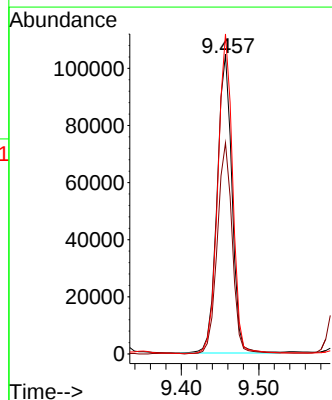
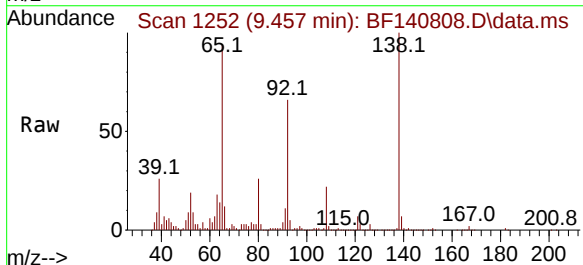
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

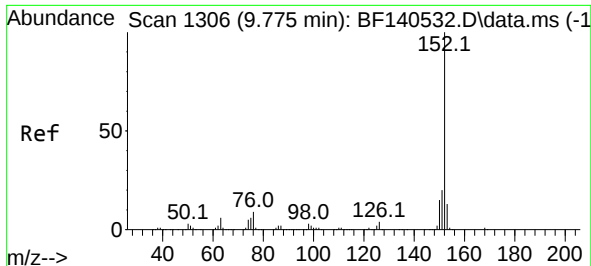
Tgt Ion:162 Resp: 505833  
Ion Ratio Lower Upper  
162 100  
127 43.0 35.7 53.5  
164 32.1 26.1 39.1



#48  
2-Nitroaniline  
Concen: 41.253 ng  
RT: 9.457 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion: 65 Resp: 139128  
Ion Ratio Lower Upper  
65 100  
92 70.4 56.1 84.1  
138 106.8 81.0 121.6





#49

Acenaphthylene

Concen: 51.247 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

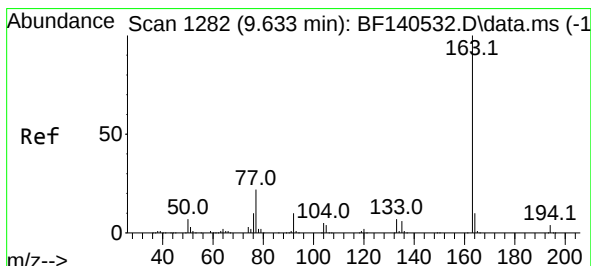
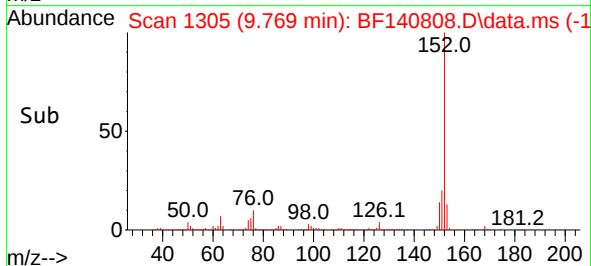
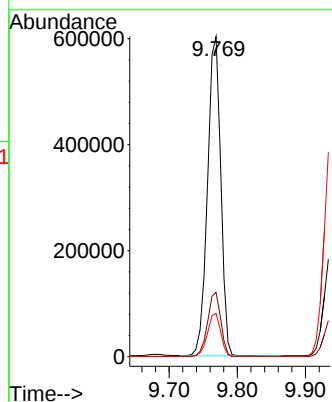
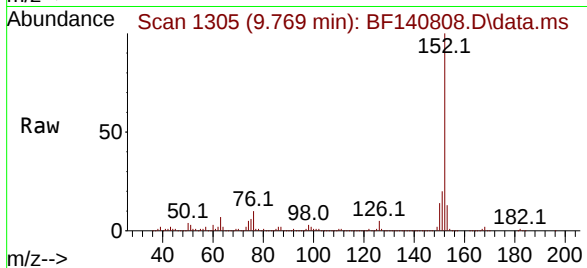
Tgt Ion:152 Resp: 813563

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 49.326 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

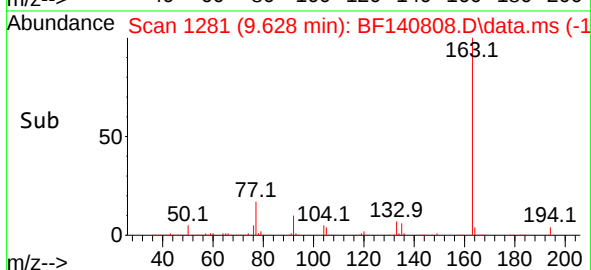
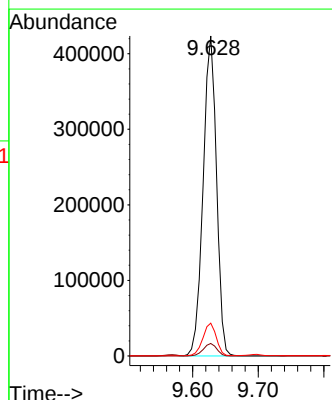
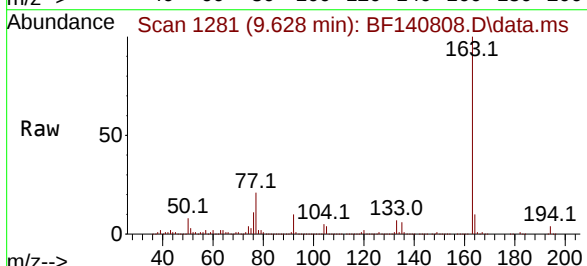
Tgt Ion:163 Resp: 603349

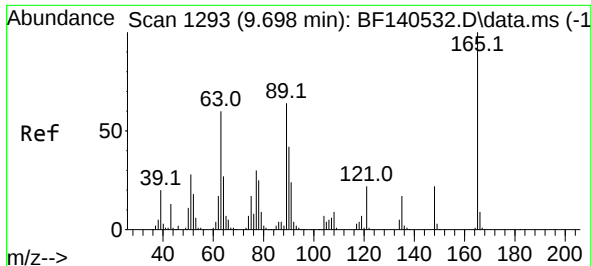
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2

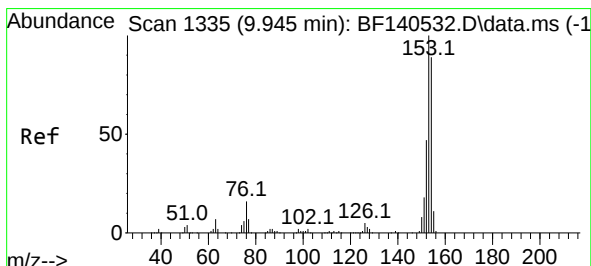
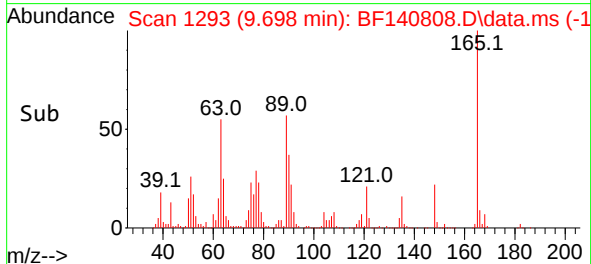
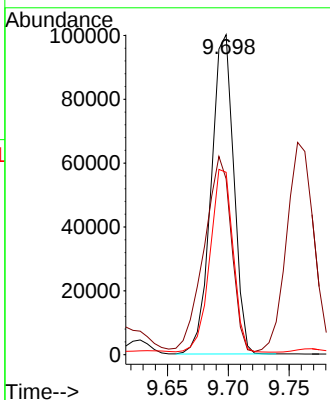
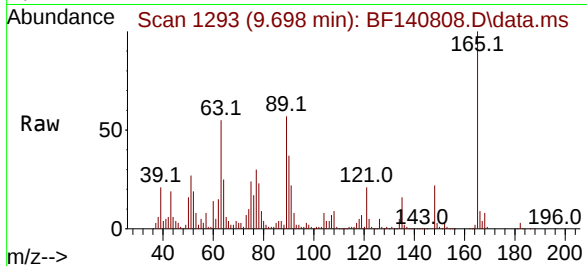




#51  
2,6-Dinitrotoluene  
Concen: 46.505 ng  
RT: 9.698 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

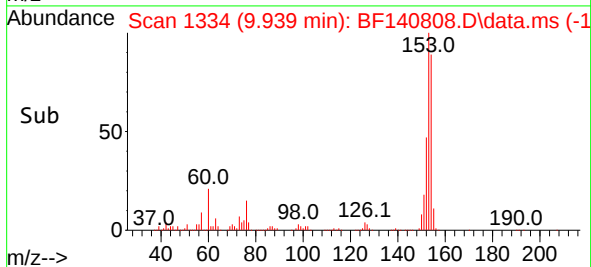
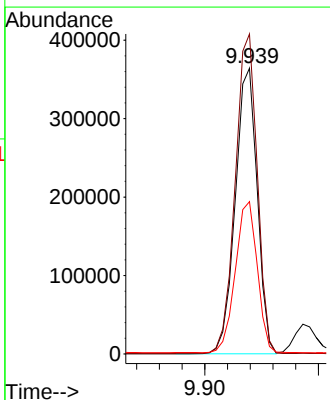
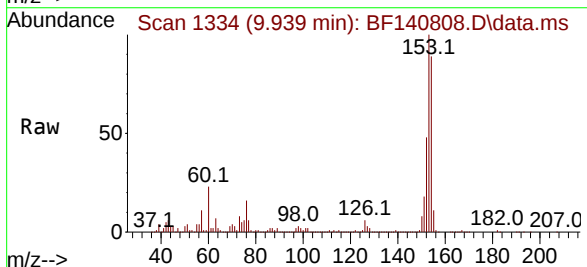
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

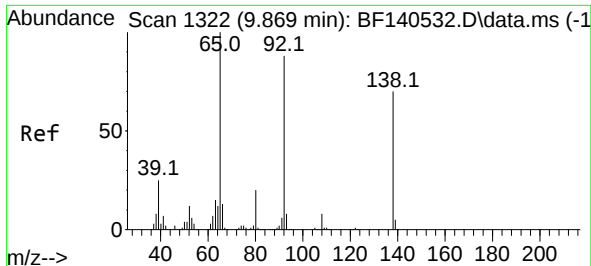
Tgt Ion:165 Resp: 129012  
Ion Ratio Lower Upper  
165 100  
63 54.9 49.9 74.9  
89 57.0 50.9 76.3



#52  
Acenaphthene  
Concen: 48.453 ng  
RT: 9.939 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:154 Resp: 488751  
Ion Ratio Lower Upper  
154 100  
153 112.0 89.7 134.5  
152 53.3 42.5 63.7

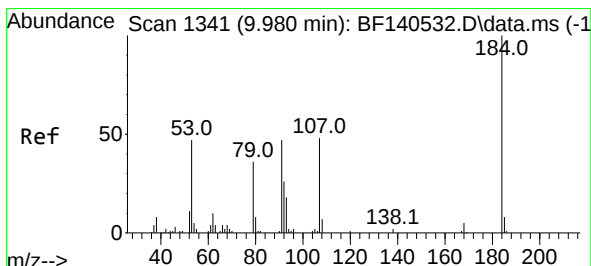
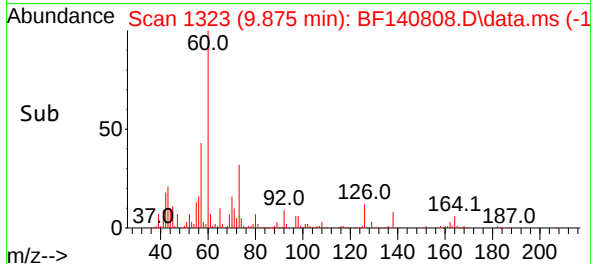
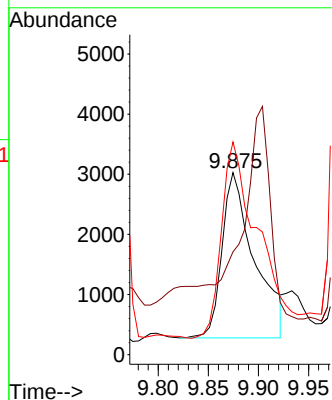
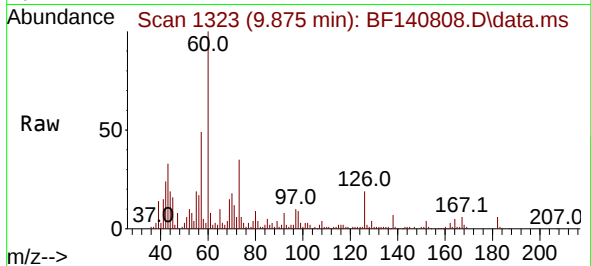




#53  
3-Nitroaniline  
Concen: 2.274 ng  
RT: 9.875 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

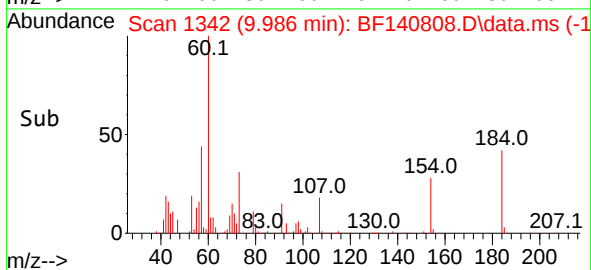
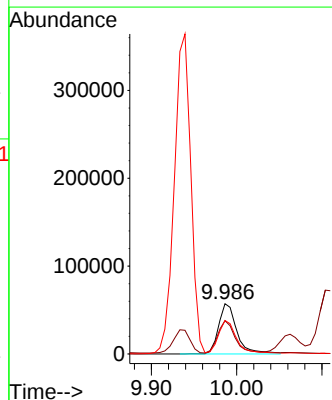
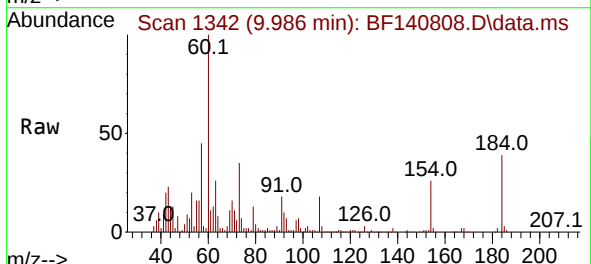
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

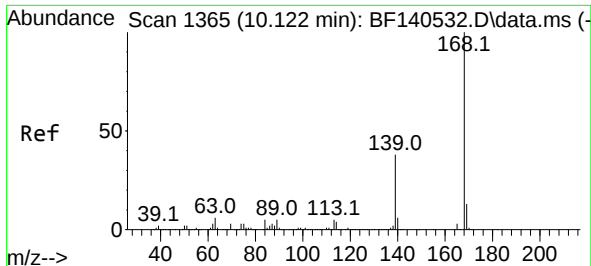
Tgt Ion:138 Resp: 6170  
Ion Ratio Lower Upper  
138 100  
108 56.5 9.2 13.8#  
92 116.8 100.6 150.8



#54  
2,4-Dinitrophenol  
Concen: 61.433 ng  
RT: 9.986 min Scan# 1342  
Delta R.T. 0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:184 Resp: 85371  
Ion Ratio Lower Upper  
184 100  
63 66.2 54.1 81.1  
154 66.5 57.4 86.0

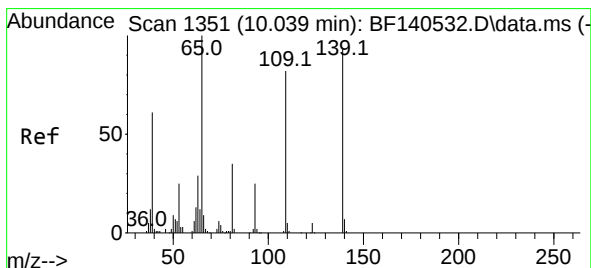
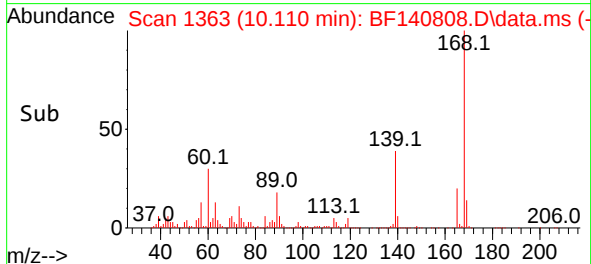
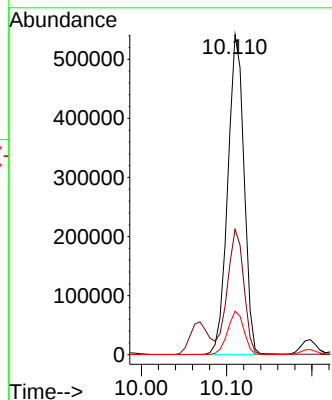
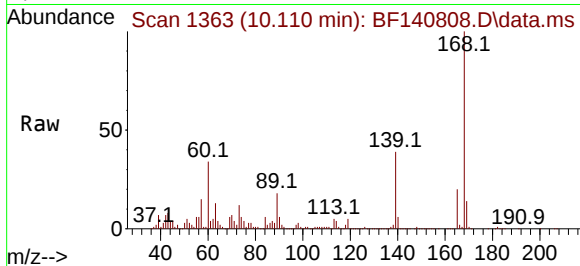




#55  
Dibenzofuran  
Concen: 46.500 ng  
RT: 10.110 min Scan# 1363  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

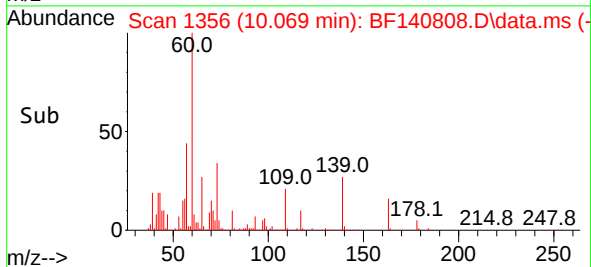
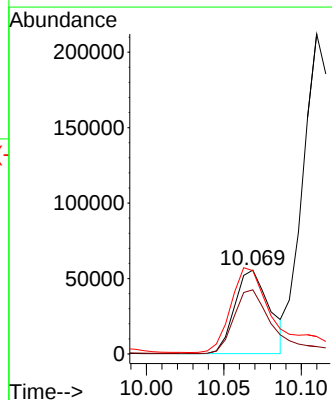
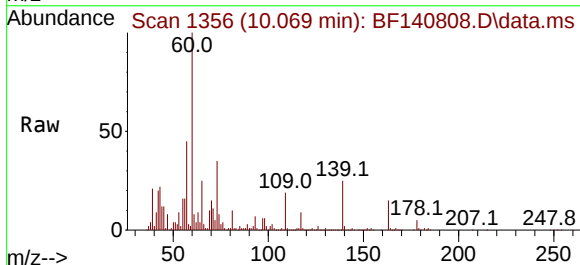
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

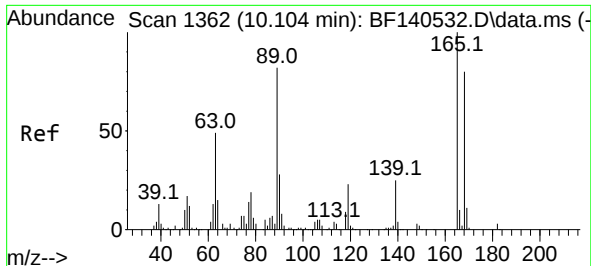
Tgt Ion:168 Resp: 715447  
Ion Ratio Lower Upper  
168 100  
139 39.2 31.3 46.9  
169 13.6 10.5 15.7



#56  
4-Nitrophenol  
Concen: 46.664 ng  
RT: 10.069 min Scan# 1356  
Delta R.T. 0.030 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:139 Resp: 86348  
Ion Ratio Lower Upper  
139 100  
109 76.5 68.4 108.4  
65 99.5 88.6 128.6

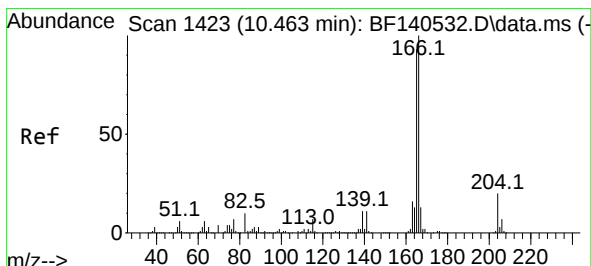
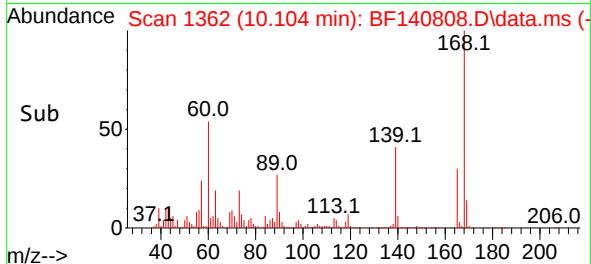
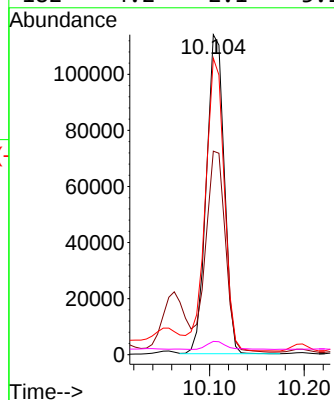
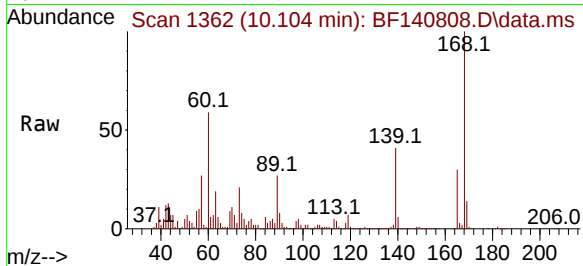




#57  
2,4-Dinitrotoluene  
Concen: 40.324 ng  
RT: 10.104 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

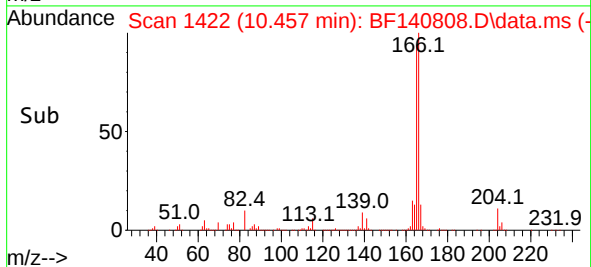
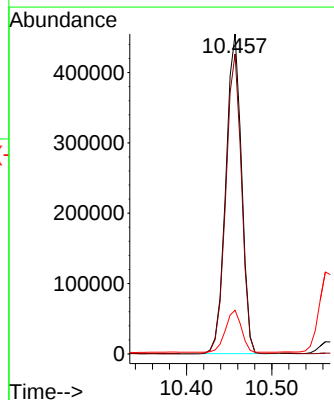
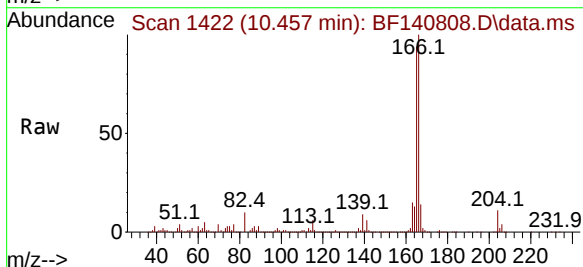
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

Tgt Ion:165 Resp: 148671  
Ion Ratio Lower Upper  
165 100  
63 63.6 41.7 62.5#  
89 92.6 65.8 98.8  
182 4.2 2.1 3.1#



#58  
Fluorene  
Concen: 47.141 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:166 Resp: 582193  
Ion Ratio Lower Upper  
166 100  
165 93.8 74.6 111.8  
167 13.6 10.6 16.0

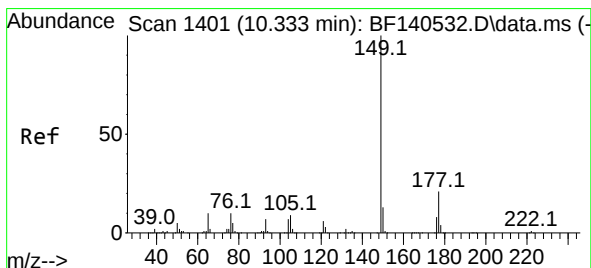
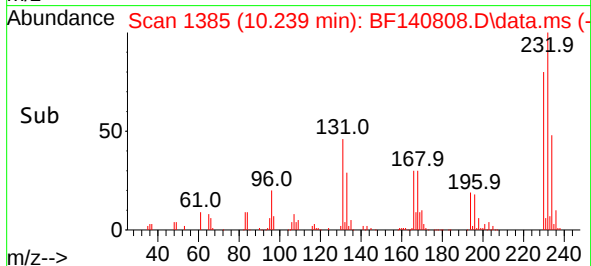
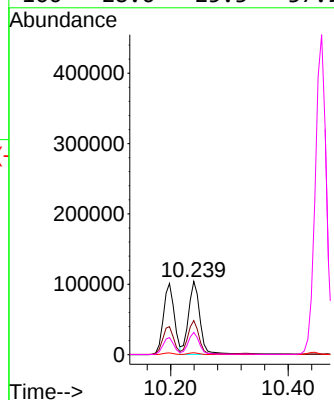
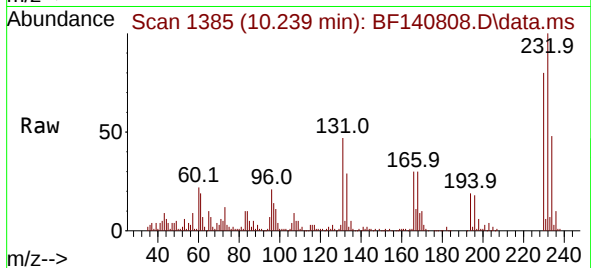




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.467 ng  
RT: 10.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

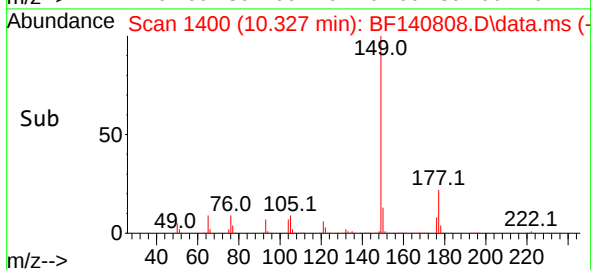
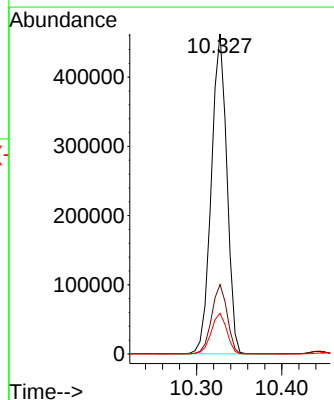
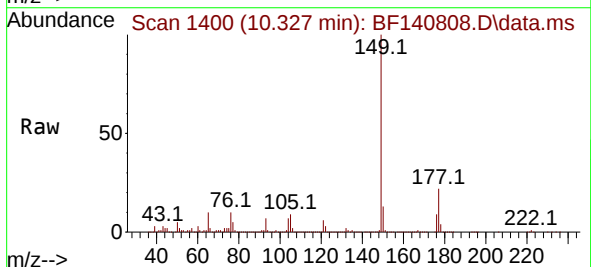
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

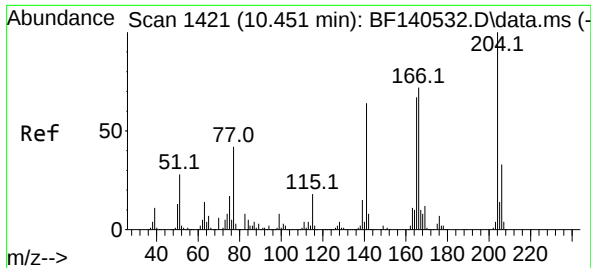
Tgt Ion:232 Resp: 140769  
Ion Ratio Lower Upper  
232 100  
131 44.7 39.6 59.4  
130 2.1 1.9 2.9  
166 28.6 25.3 37.9



#60  
Diethylphthalate  
Concen: 47.010 ng  
RT: 10.327 min Scan# 1400  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:149 Resp: 584233  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.1 25.7  
150 12.7 10.1 15.1

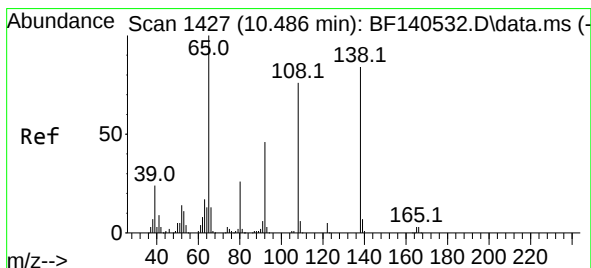
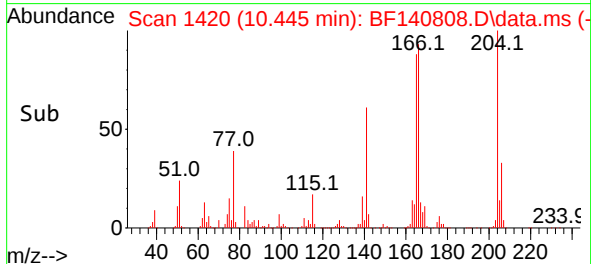
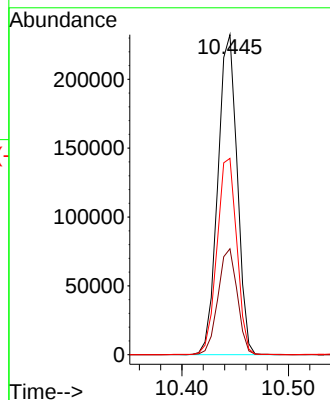
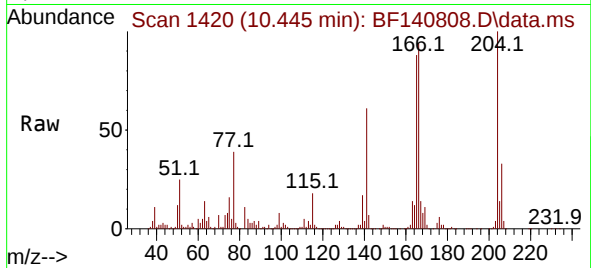




#61  
4-Chlorophenyl-phenylether  
Concen: 48.344 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

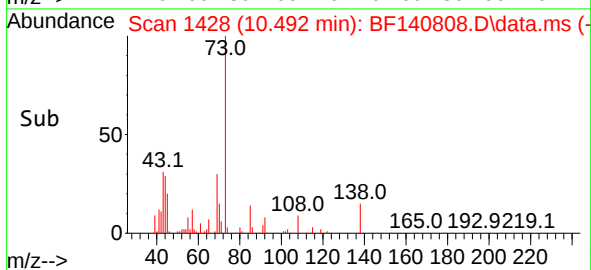
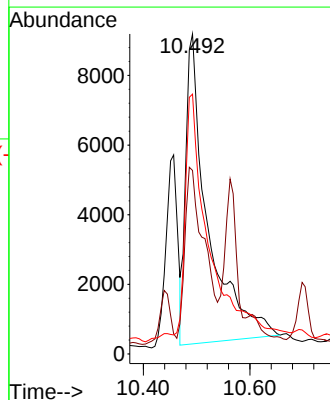
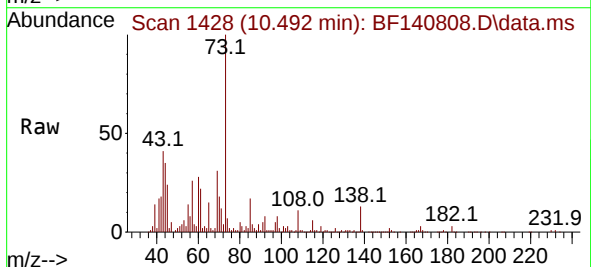
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

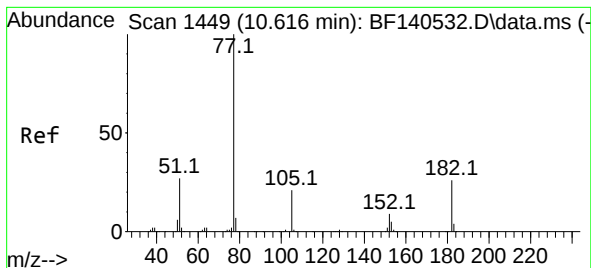
Tgt Ion:204 Resp: 293000  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.6 40.0  
141 61.4 51.1 76.7



#62  
4-Nitroaniline  
Concen: 9.050 ng  
RT: 10.492 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:138 Resp: 25753  
Ion Ratio Lower Upper  
138 100  
92 57.4 34.5 74.5  
108 81.2 70.6 110.6





#63

Azobenzene

Concen: 46.753 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

Tgt Ion: 77 Resp: 550243

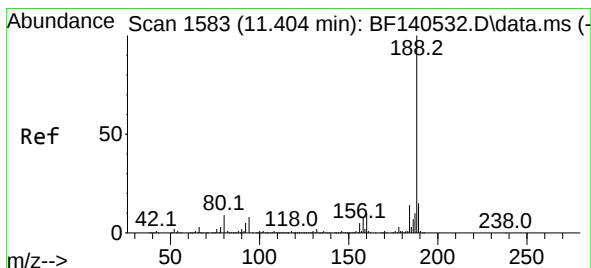
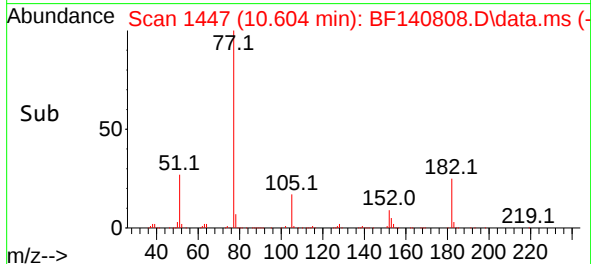
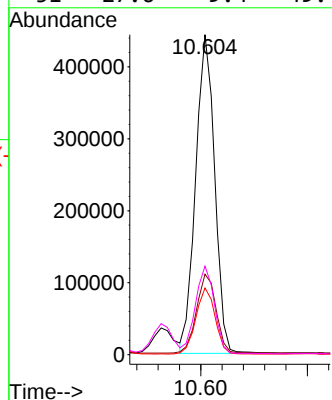
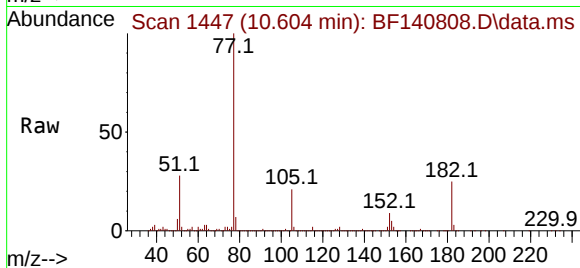
Ion Ratio Lower Upper

77 100

182 25.1 5.3 45.3

105 20.9 0.3 40.3

51 27.6 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

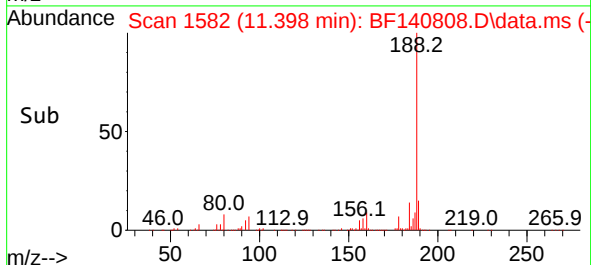
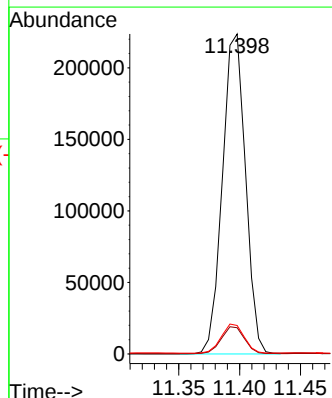
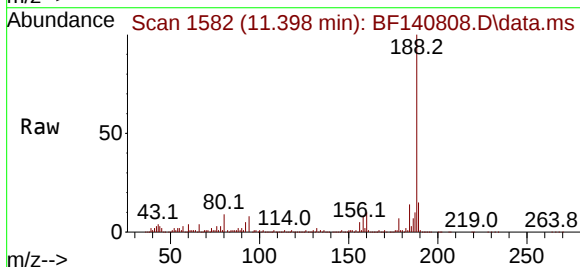
Tgt Ion: 188 Resp: 295264

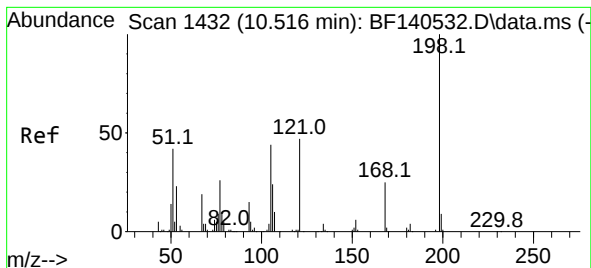
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.9 6.9 10.3

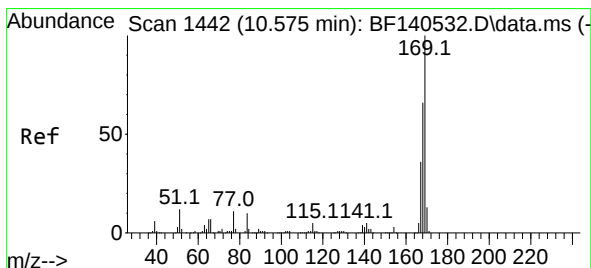
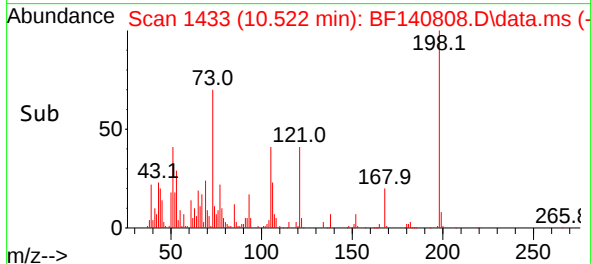
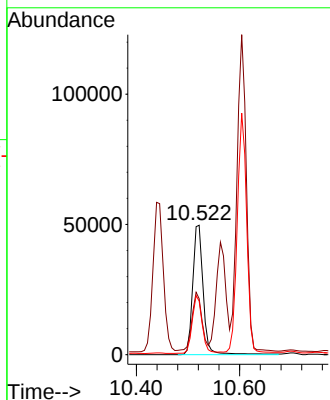
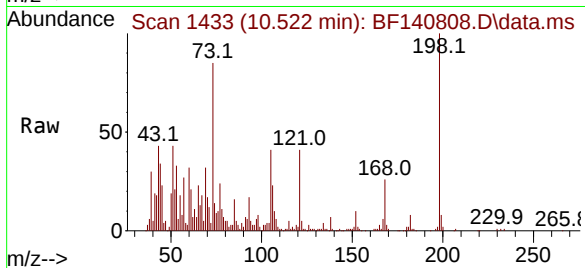




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.515 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. 0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

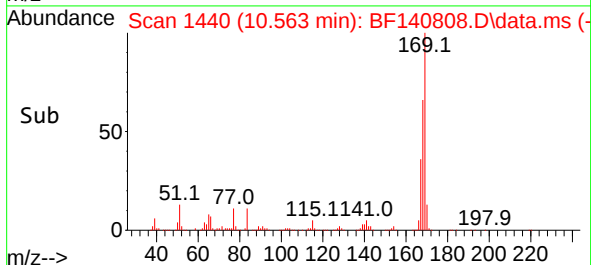
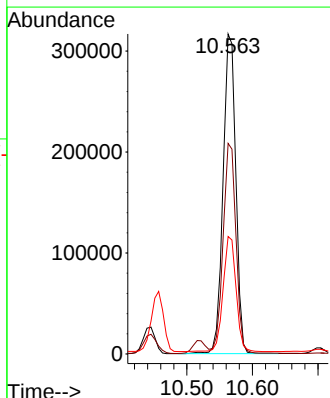
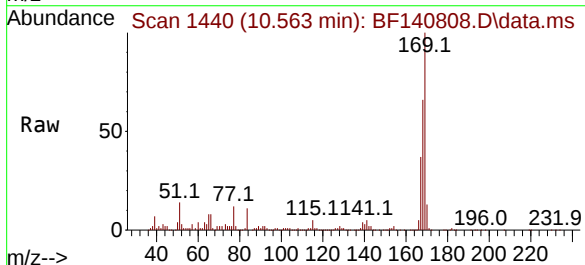
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

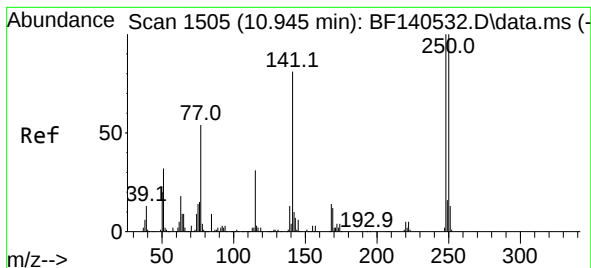
Tgt Ion:198 Resp: 70183  
Ion Ratio Lower Upper  
198 100  
51 43.3 29.4 69.4  
105 41.4 25.4 65.4



#66  
n-Nitrosodiphenylamine  
Concen: 48.648 ng  
RT: 10.563 min Scan# 1440  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:169 Resp: 424782  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.2 79.8  
167 36.7 29.0 43.6

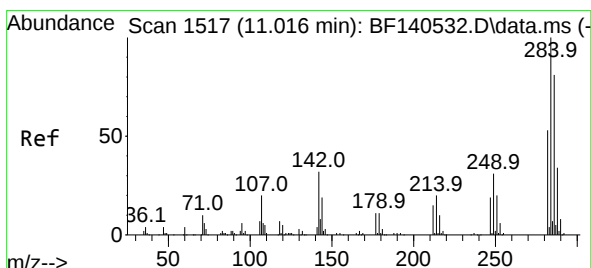
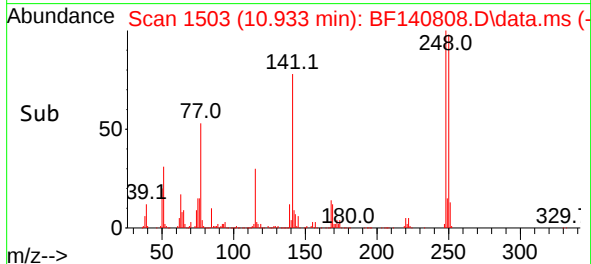
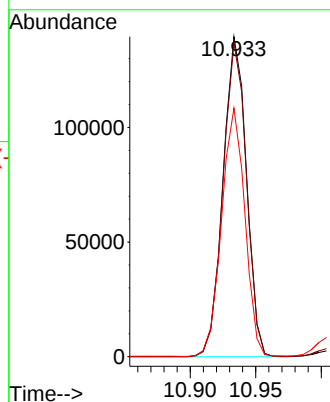
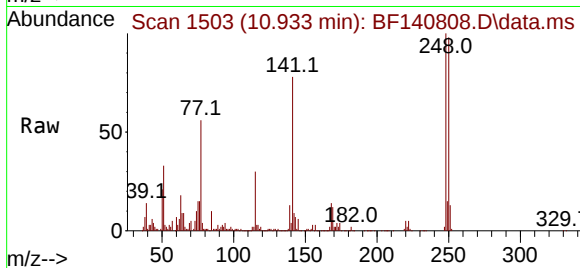




#67  
4-Bromophenyl-phenylether  
Concen: 56.935 ng  
RT: 10.933 min Scan# 1503  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

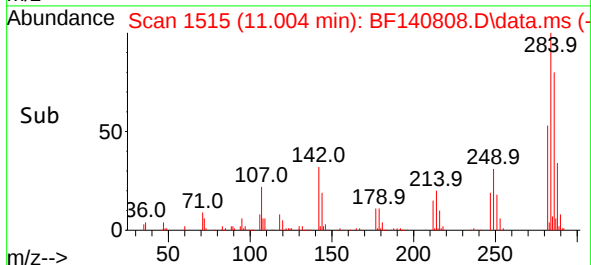
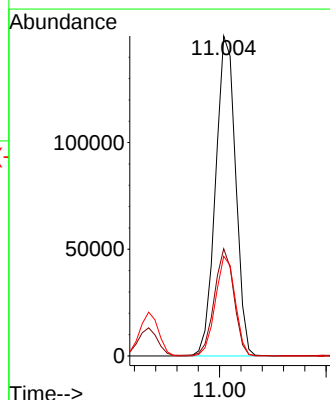
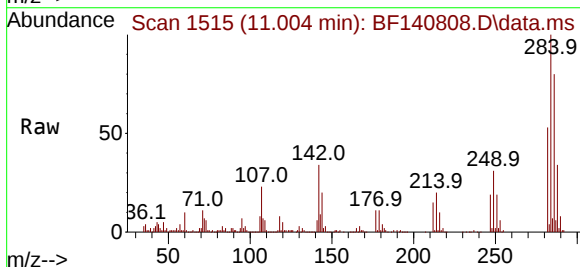
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

Tgt Ion:248 Resp: 173127  
Ion Ratio Lower Upper  
248 100  
250 98.1 79.8 119.8  
141 77.6 64.7 97.1



#68  
Hexachlorobenzene  
Concen: 55.501 ng  
RT: 11.004 min Scan# 1515  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:284 Resp: 195415  
Ion Ratio Lower Upper  
284 100  
142 33.5 25.3 37.9  
249 31.1 24.8 37.2





#69

Atrazine

Concen: 30.109 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

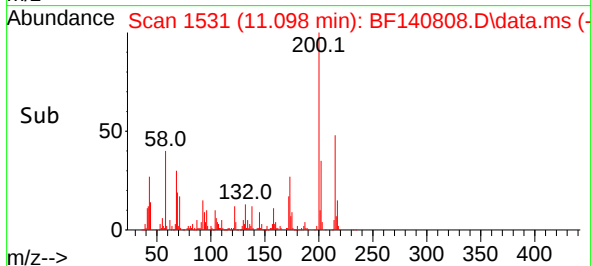
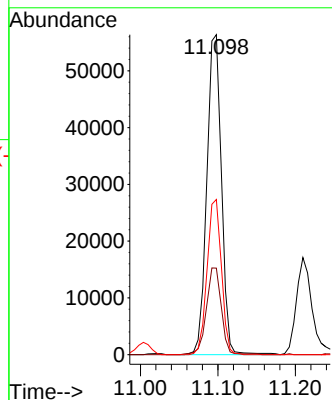
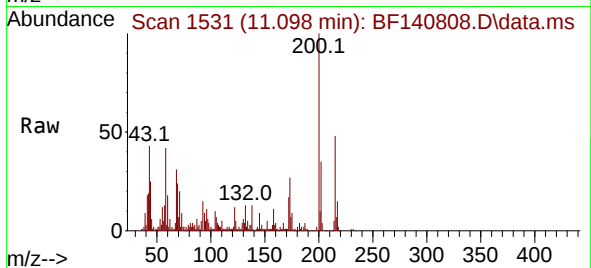
Tgt Ion:200 Resp: 73961

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 48.5 26.7 66.7



#70

Pentachlorophenol

Concen: 89.818 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

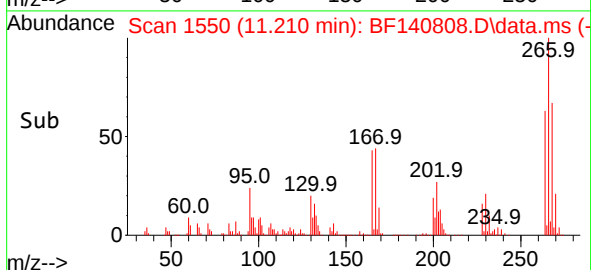
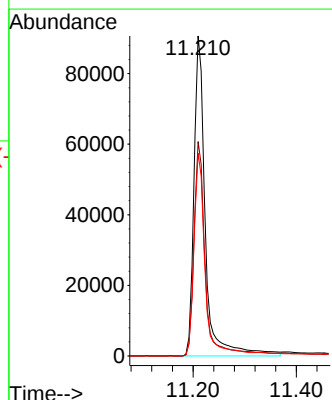
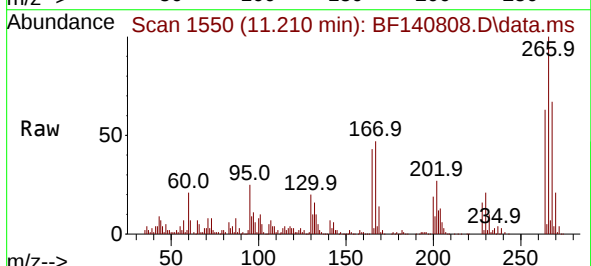
Tgt Ion:266 Resp: 139185

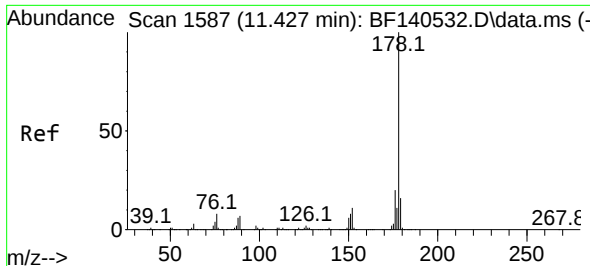
Ion Ratio Lower Upper

266 100

268 67.0 53.7 80.5

264 63.4 49.8 74.8

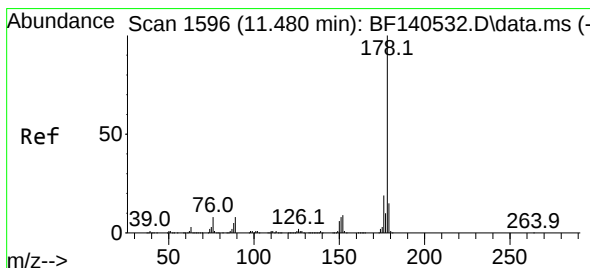
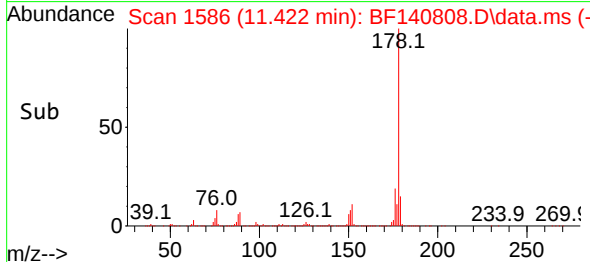
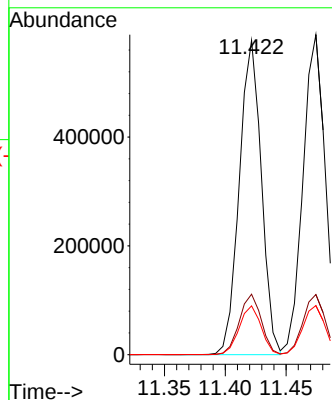
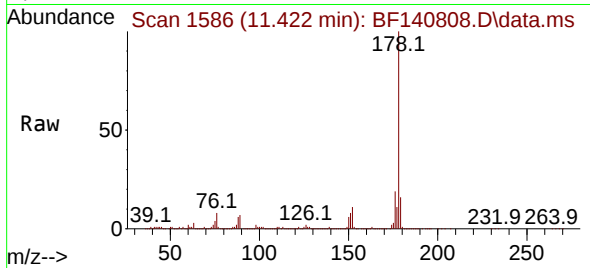




#71  
Phenanthrene  
Concen: 51.309 ng  
RT: 11.422 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

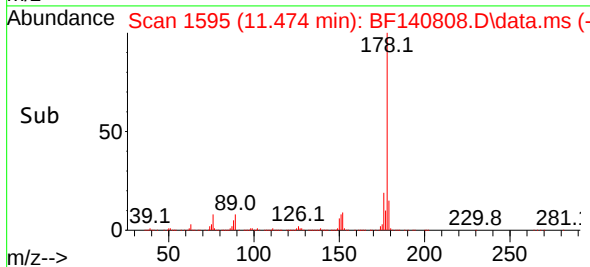
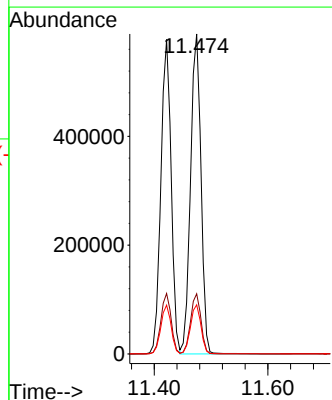
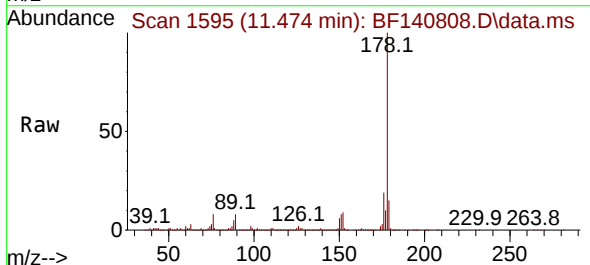
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

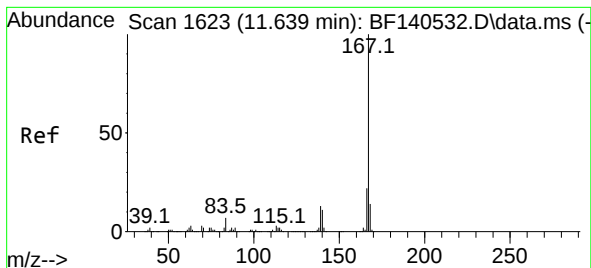
Tgt Ion:178 Resp: 728236  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.8 23.6  
179 15.5 12.4 18.6



#72  
Anthracene  
Concen: 54.057 ng  
RT: 11.474 min Scan# 1595  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:178 Resp: 750498  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 15.3 12.2 18.4





#73

Carbazole

Concen: 32.411 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

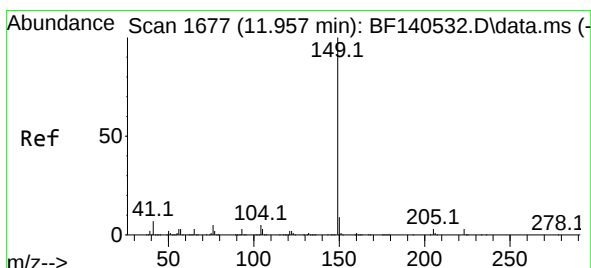
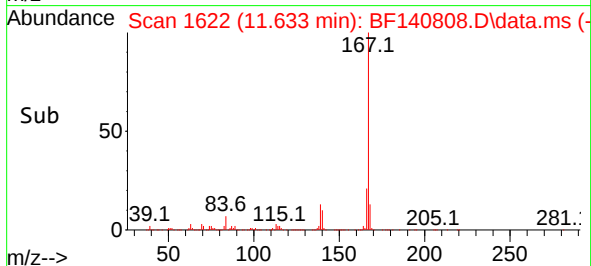
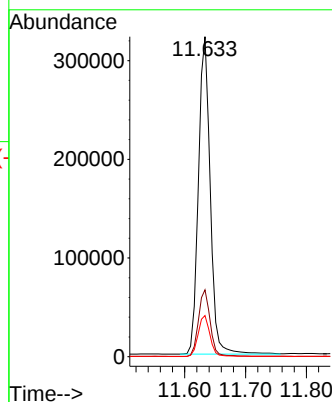
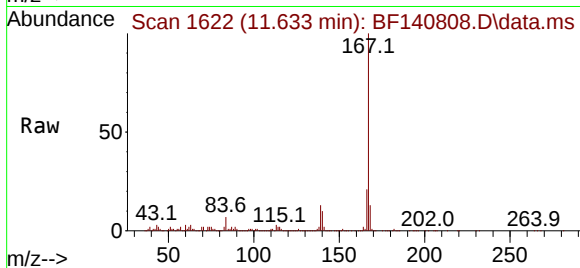
Tgt Ion:167 Resp: 432885

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.373 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

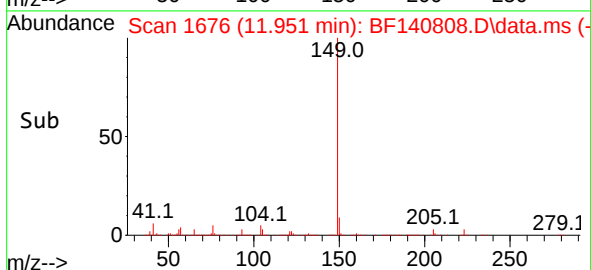
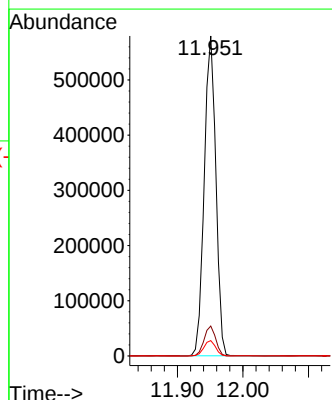
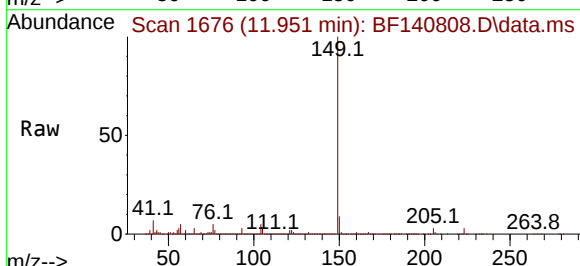
Tgt Ion:149 Resp: 715046

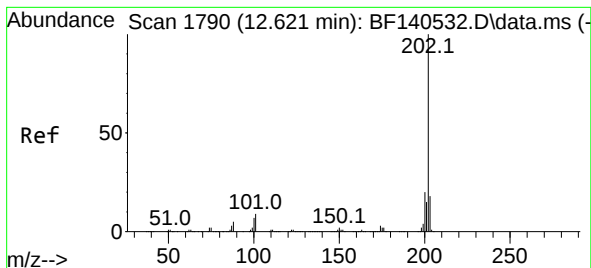
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 40.302 ng

RT: 12.610 min Scan# 1788

Delta R.T. -0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

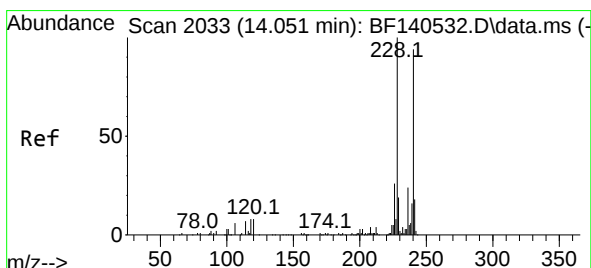
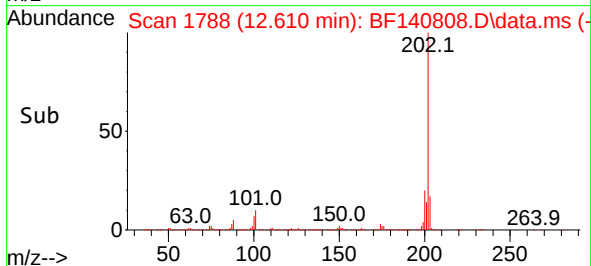
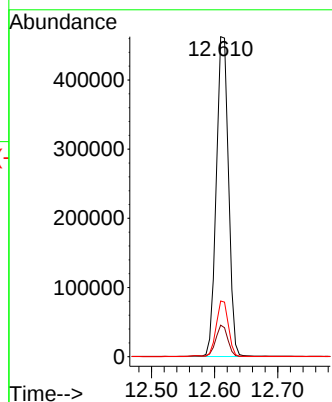
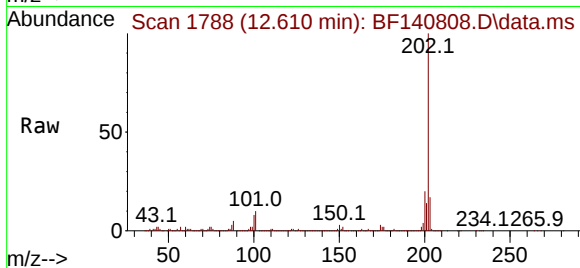
Tgt Ion:202 Resp: 621048

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.9

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

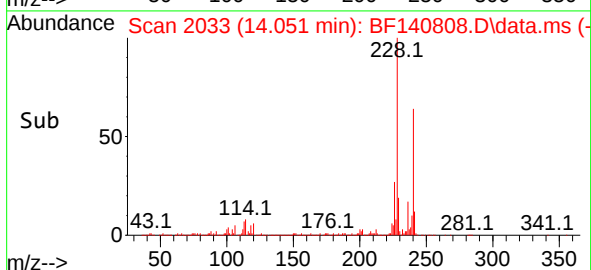
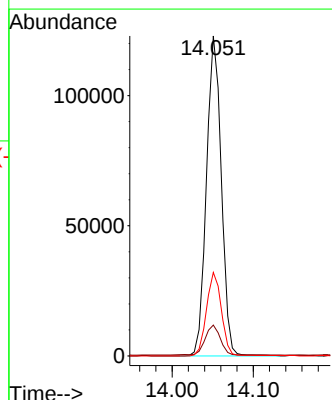
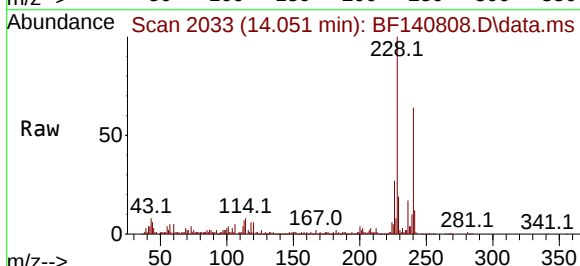
Tgt Ion:240 Resp: 155692

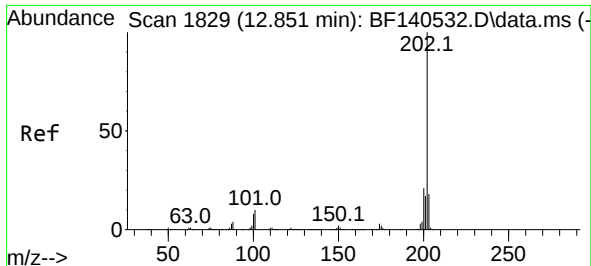
Ion Ratio Lower Upper

240 100

120 9.7 7.3 10.9

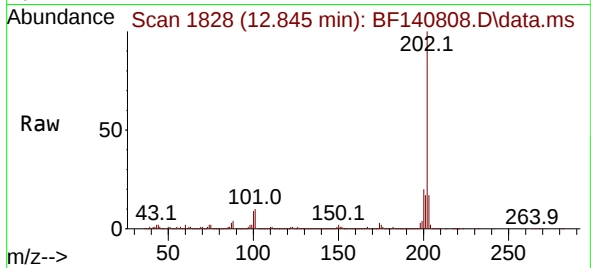
236 26.1 20.6 31.0



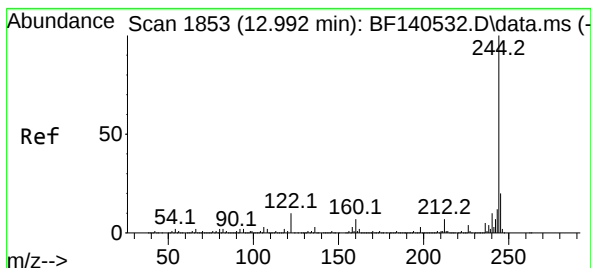
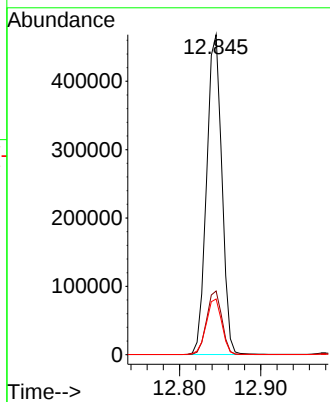
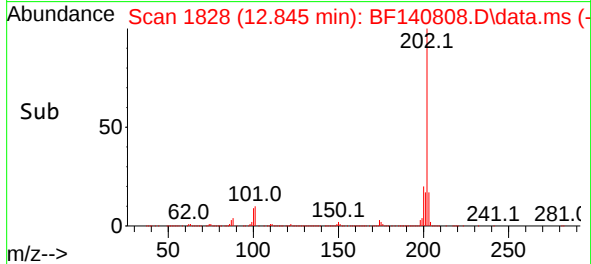


#78  
Pyrene  
Concen: 42.215 ng  
RT: 12.845 min Scan# 1828  
Delta R.T. -0.006 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

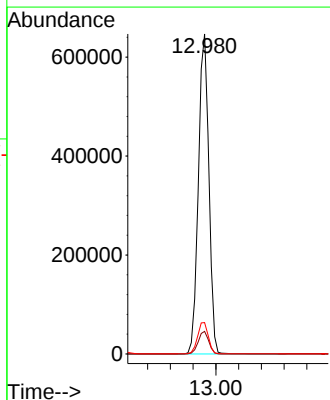
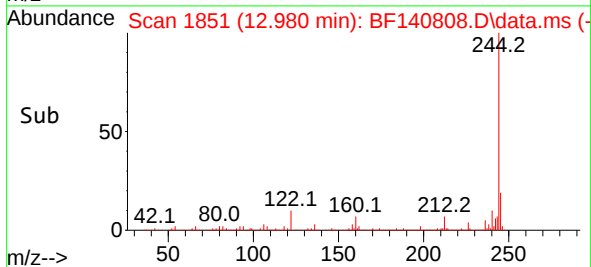
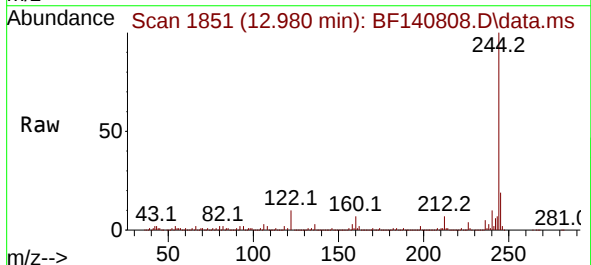


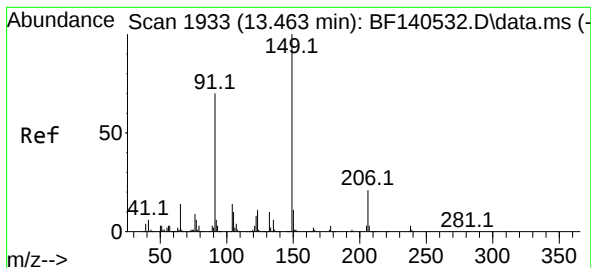
Tgt Ion:202 Resp: 607709  
Ion Ratio Lower Upper  
202 100  
200 19.9 16.5 24.7  
203 17.4 14.2 21.4



#79  
Terphenyl-d14  
Concen: 83.052 ng  
RT: 12.980 min Scan# 1851  
Delta R.T. -0.012 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:244 Resp: 830411  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.8  
122 9.8 8.0 12.0





#80

Butylbenzylphthalate

Concen: 45.647 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

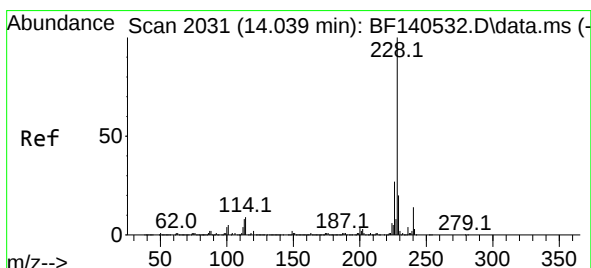
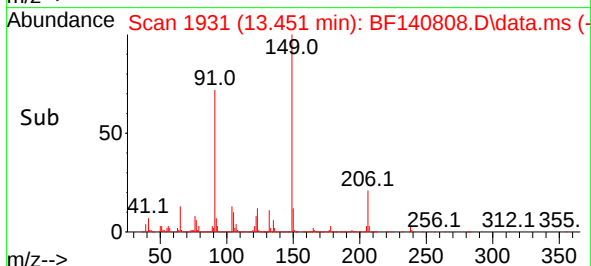
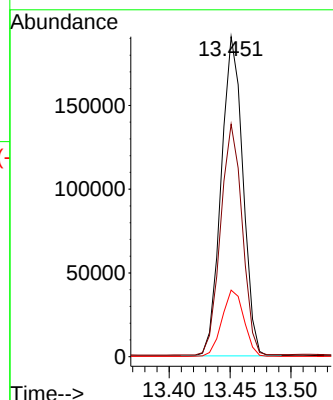
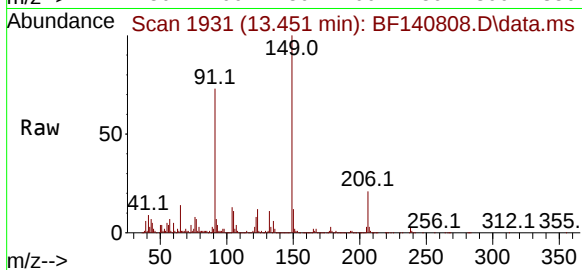
Tgt Ion:149 Resp: 236720

Ion Ratio Lower Upper

149 100

91 72.6 56.2 84.2

206 20.8 16.4 24.6



#81

Benzo(a)anthracene

Concen: 53.195 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

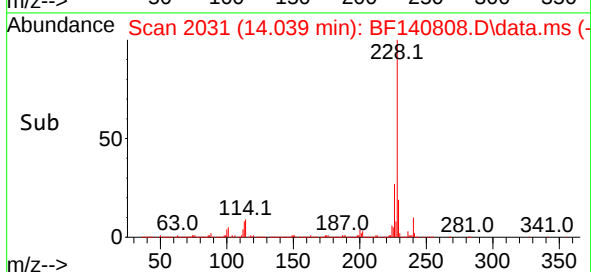
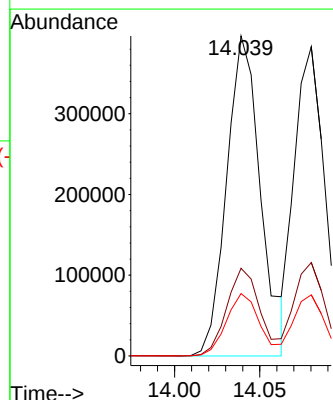
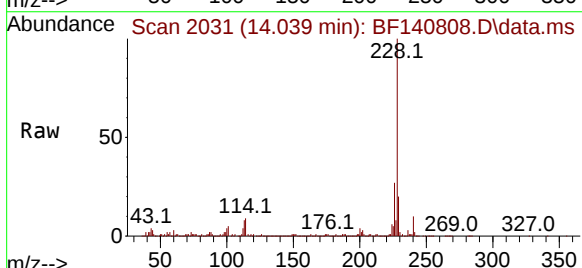
Tgt Ion:228 Resp: 548234

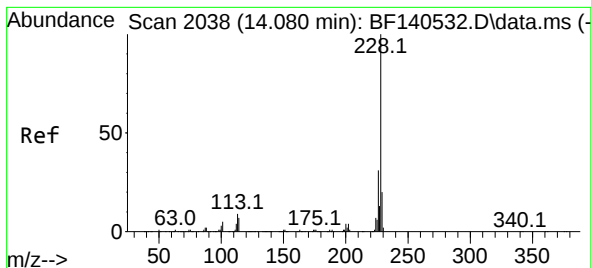
Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.5 15.8 23.6





#83

Chrysene

Concen: 49.752 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

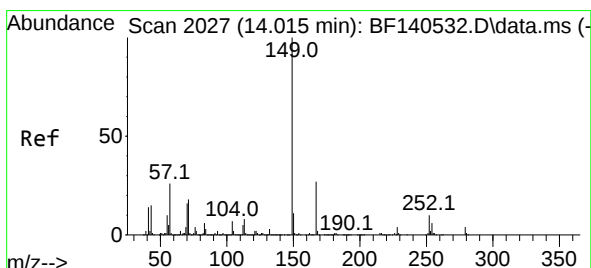
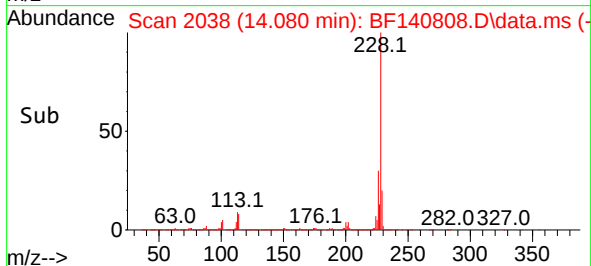
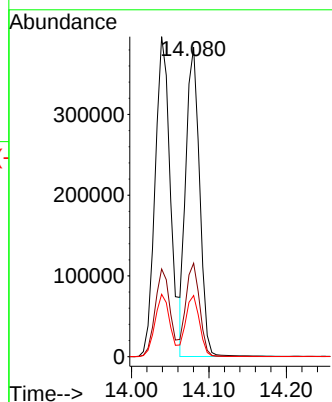
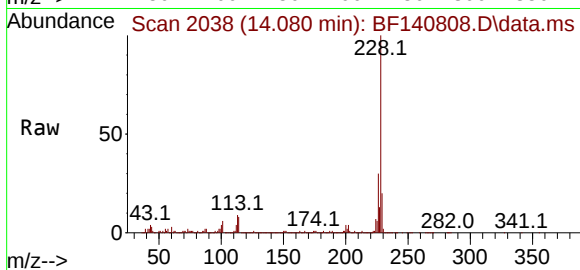
Tgt Ion:228 Resp: 468852

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.221 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

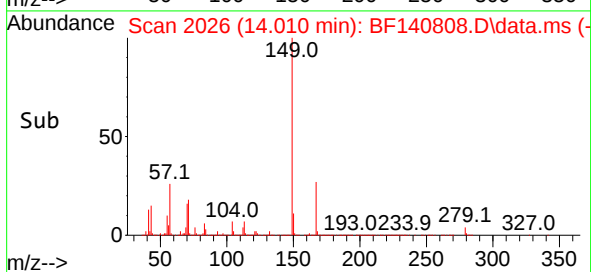
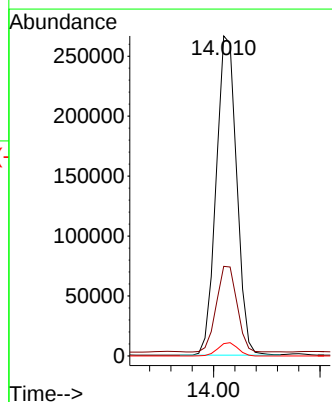
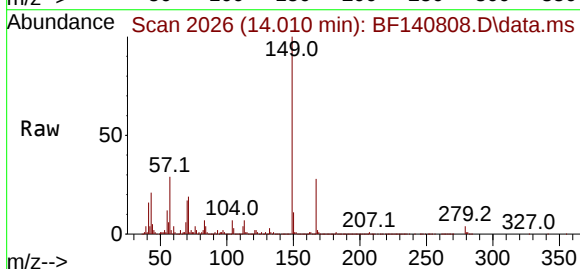
Tgt Ion:149 Resp: 355051

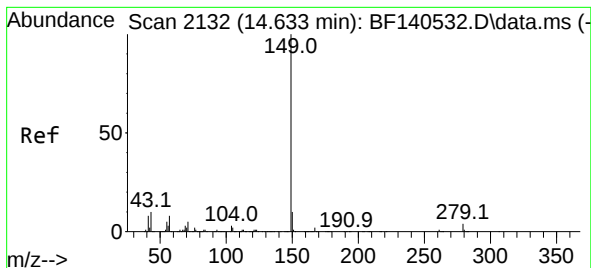
Ion Ratio Lower Upper

149 100

167 28.0 21.2 31.8

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 65.189 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

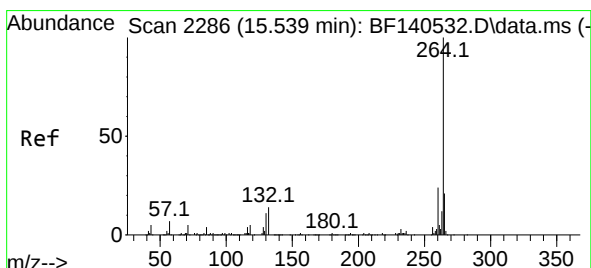
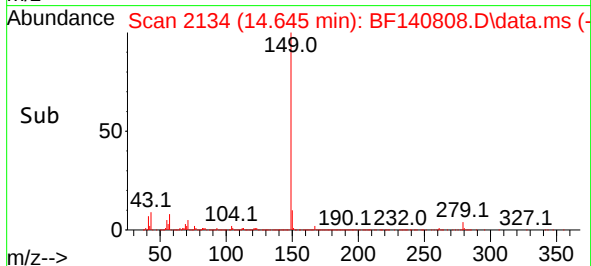
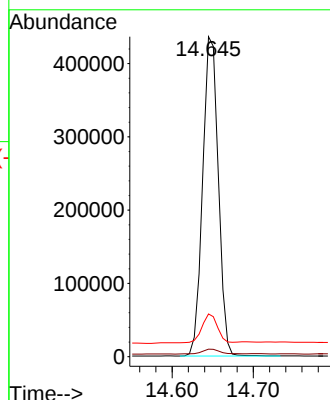
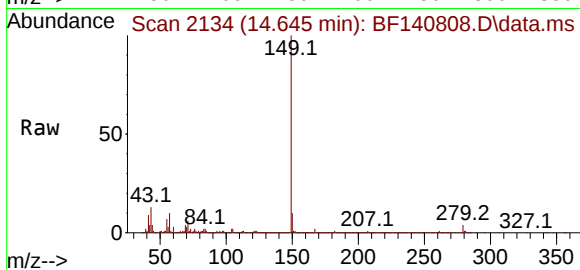
Tgt Ion:149 Resp: 583380

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 9.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.023 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

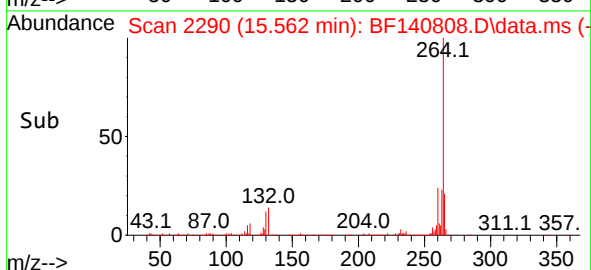
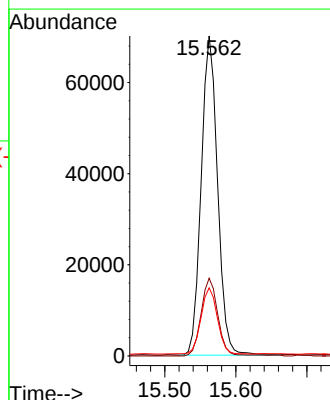
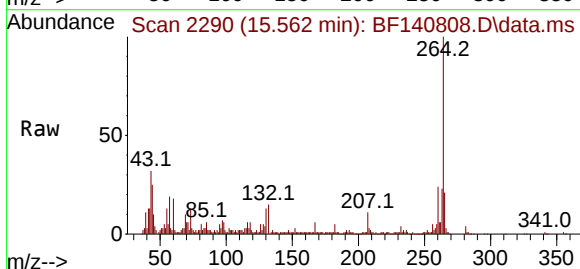
Tgt Ion:264 Resp: 112566

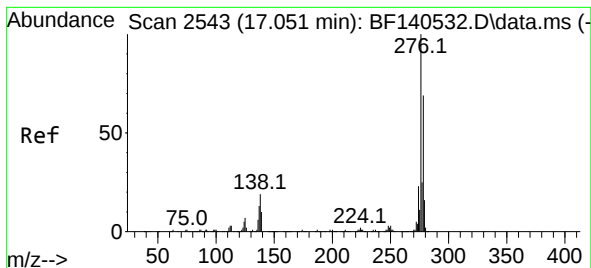
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.426 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA\_F

ClientSampleId :

ROLL-OFF-COMPMSD

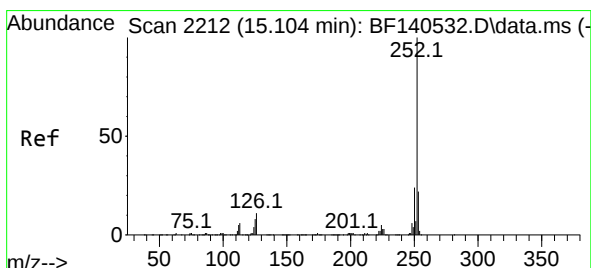
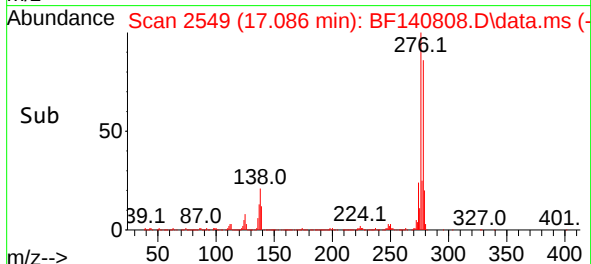
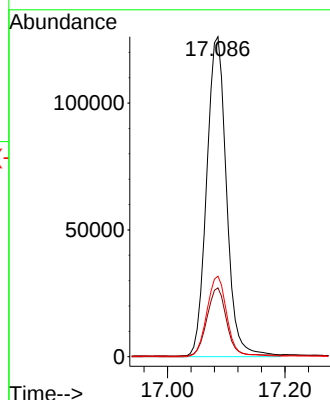
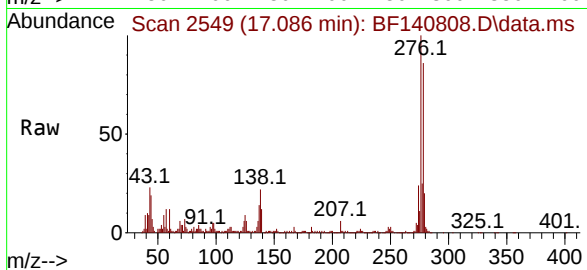
Tgt Ion:276 Resp: 296554

Ion Ratio Lower Upper

276 100

138 21.2 15.5 23.3

277 25.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 70.980 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

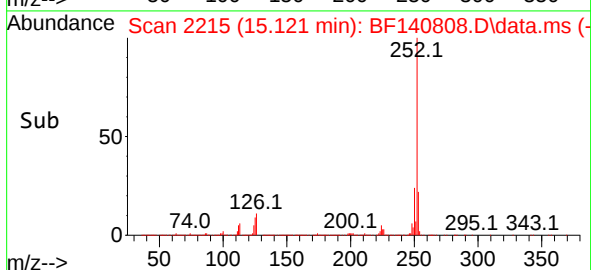
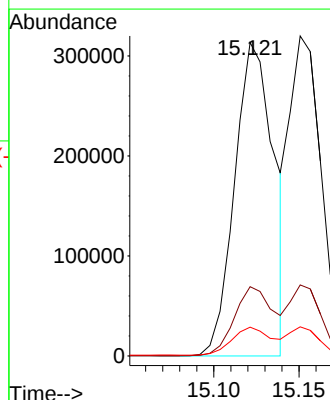
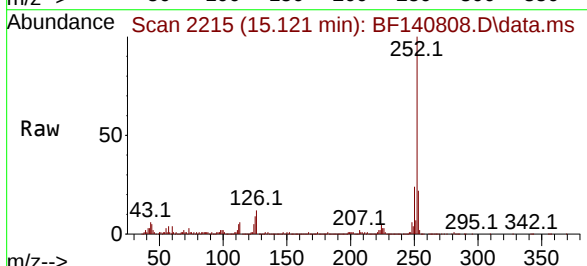
Tgt Ion:252 Resp: 501858

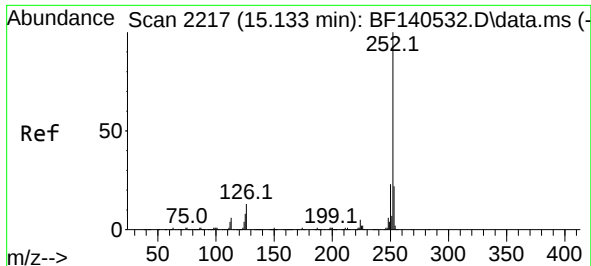
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.2 6.7 10.1

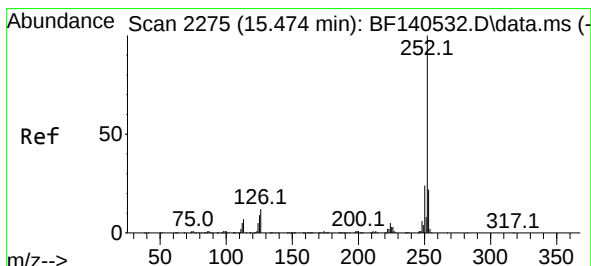
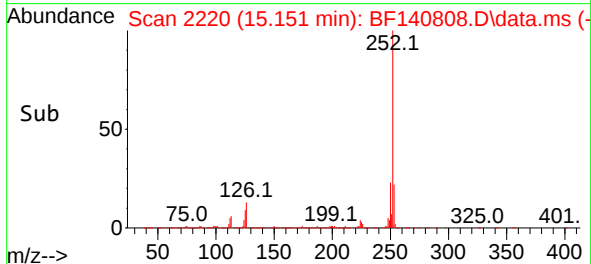
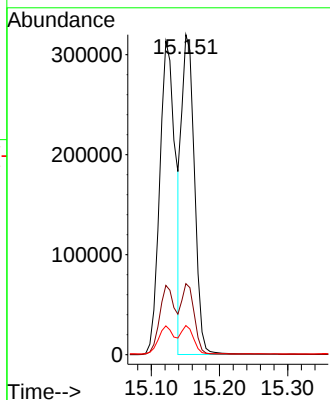
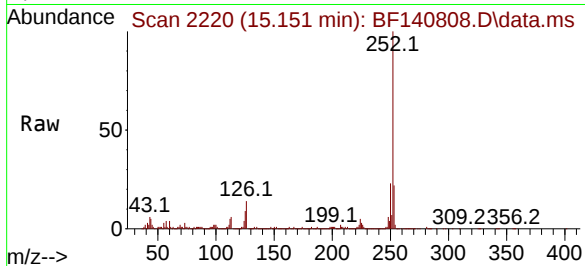




#89  
Benzo(k)fluoranthene  
Concen: 67.724 ng  
RT: 15.151 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

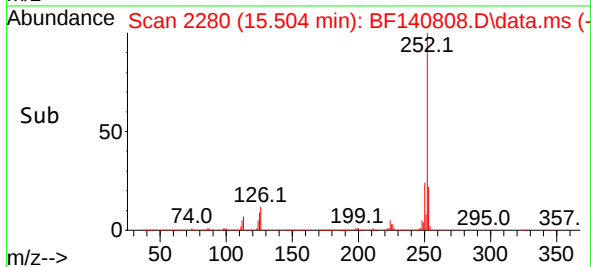
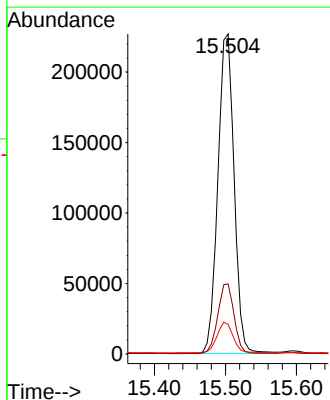
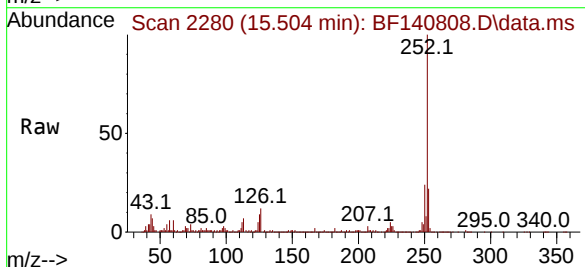
Instrument :  
BNA\_F  
ClientSampleId :  
ROLL-OFF-COMPMSD

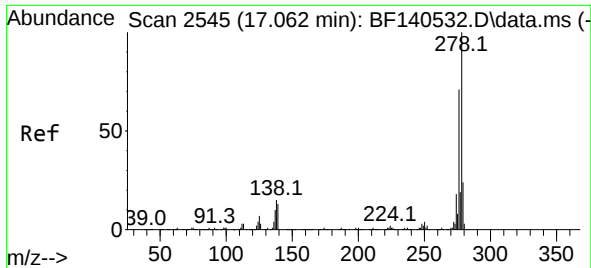
Tgt Ion:252 Resp: 419025  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 9.1 6.5 9.7



#90  
Benzo(a)pyrene  
Concen: 62.435 ng  
RT: 15.504 min Scan# 2280  
Delta R.T. 0.029 min  
Lab File: BF140808.D  
Acq: 10 Dec 2024 16:16

Tgt Ion:252 Resp: 358929  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.3 25.9  
125 9.3 7.0 10.6

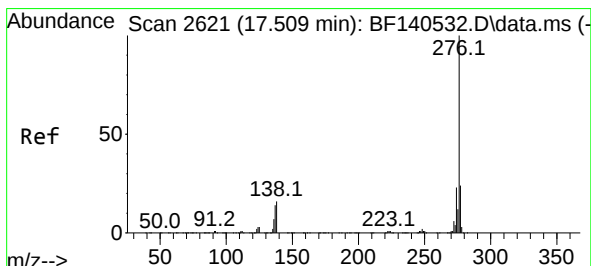
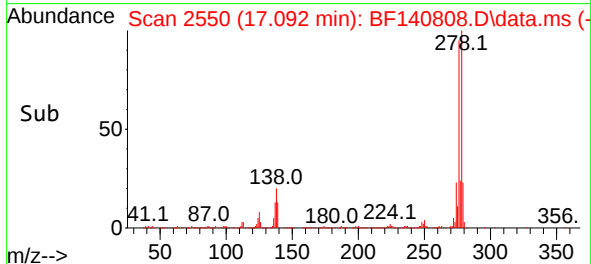
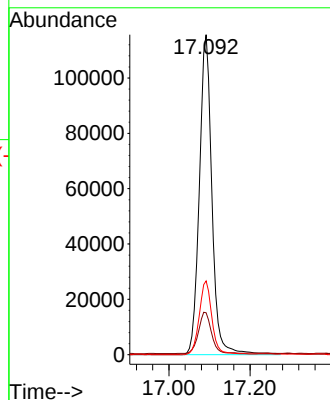
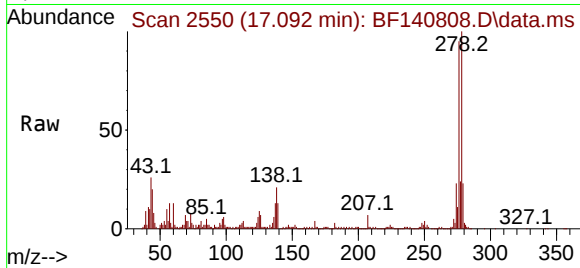




#91  
 Dibenzo(a,h)anthracene  
 Concen: 41.590 ng  
 RT: 17.092 min Scan# 21  
 Delta R.T. 0.029 min  
 Lab File: BF140808.D  
 Acq: 10 Dec 2024 16:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROLL-OFF-COMPMSD

Tgt Ion:278 Resp: 249862  
 Ion Ratio Lower Upper  
 278 100  
 139 13.1 10.2 15.4  
 279 23.1 18.9 28.3



#92  
 Benzo(g,h,i)perylene  
 Concen: 34.243 ng  
 RT: 17.545 min Scan# 2627  
 Delta R.T. 0.035 min  
 Lab File: BF140808.D  
 Acq: 10 Dec 2024 16:16

Tgt Ion:276 Resp: 209930  
 Ion Ratio Lower Upper  
 276 100  
 277 23.0 18.9 28.3  
 138 17.4 13.2 19.8

