

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\  
 Data File : BF111939.D  
 Acq On : 9 Jan 2019 9:50  
 Operator : JU/SJ  
 Sample : PB116192BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 09 10:18:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 07 14:33:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 200694   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 787825   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 409756   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 710954   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 604691   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.54 | 264  | 458391   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.54  | 112 | 1422179 | 121.23 | ng | 0.02 |
| 7) Phenol-d6             | 6.54  | 99  | 1723223 | 113.97 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.45  | 82  | 1018604 | 69.10  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 622306  | 116.76 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.25  | 172 | 1984420 | 70.62  | ng | 0.00 |
| 79) Terphenyl-d14        | 13.00 | 244 | 1995363 | 62.64  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.82 | 88  | 177915  | 34.686 | ng | 99     |
| 3) Pyridine                    | 3.56 | 79  | 491532  | 36.971 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.51 | 42  | 280791  | 42.449 | ng | 96     |
| 6) Aniline                     | 6.55 | 93  | 532235  | 29.113 | ng | # 55   |
| 8) 2-Chlorophenol              | 6.68 | 128 | 522673  | 40.125 | ng | 98     |
| 9) Benzaldehyde                | 6.43 | 77  | 106560  | 9.247  | ng | 99     |
| 10) Phenol                     | 6.55 | 94  | 619478  | 37.697 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93  | 478359  | 37.627 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146 | 605287  | 40.083 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146 | 615974  | 40.197 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.06 | 146 | 579633  | 39.571 | ng | 98     |
| 15) Benzyl Alcohol             | 7.03 | 79  | 498785  | 41.694 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45  | 882725  | 40.725 | ng | 96     |
| 17) 2-Methylphenol             | 7.15 | 107 | 453889  | 43.355 | ng | 97     |
| 18) Hexachloroethane           | 7.40 | 117 | 216833  | 40.527 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70  | 401207  | 40.840 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 574264  | 44.074 | ng | # 84   |
| 22) Acetophenone               | 7.29 | 105 | 759670  | 38.088 | ng | 98     |
| 24) Nitrobenzene               | 7.47 | 77  | 604581  | 40.544 | ng | 99     |
| 25) Isophorone                 | 7.71 | 82  | 1061338 | 44.463 | ng | 99     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 310943  | 42.350 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 514018  | 48.420 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 684399  | 42.955 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 480458  | 39.359 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 533116  | 39.588 | ng | 98     |
| 31) Naphthalene                | 8.19 | 128 | 1636141 | 43.749 | ng | 100    |
| 32) Benzoic acid               | 7.97 | 122 | 313031  | 45.439 | ng | 96     |
| 33) 4-Chloroaniline            | 8.24 | 127 | 493251  | 30.510 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.31 | 225 | 318701  | 38.015 | ng | 99     |
| 35) Caprolactam                | 8.62 | 113 | 87099   | 21.838 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 486944  | 40.120 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 1130907 | 48.801 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 1066966 | 48.004 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 542291  | 41.513 | ng | 99     |

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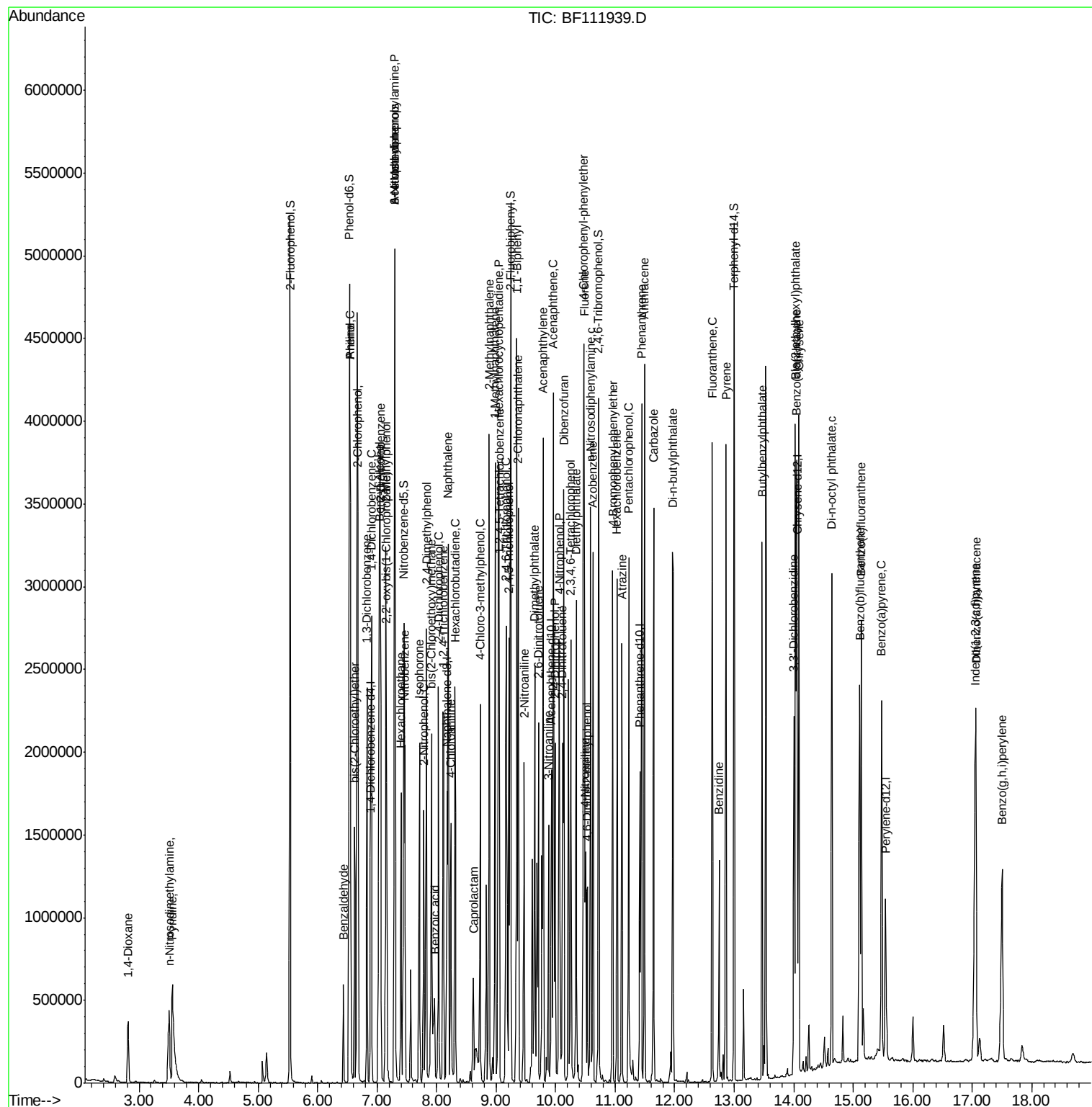
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.04  | 237  | 660416   | 87.436 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 345352   | 38.977 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.22  | 196  | 376000   | 40.503 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.35  | 154  | 1399557  | 40.833 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.37  | 162  | 1092188  | 40.601 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 338650   | 41.176 | ng    | 96       |
| 49) Acenaphthylene             | 9.79  | 152  | 1726795  | 43.419 | ng    | 100      |
| 50) Dimethylphthalate          | 9.65  | 163  | 1183500  | 38.449 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.71  | 165  | 266070   | 38.654 | ng    | 97       |
| 52) Acenaphthene               | 9.96  | 154  | 996313   | 38.859 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.88  | 138  | 235633   | 31.966 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 275261   | 94.441 | ng    | 93       |
| 55) Dibenzofuran               | 10.14 | 168  | 1505982  | 40.389 | ng    | 100      |
| 56) 4-Nitrophenol              | 10.06 | 139  | 419698   | 80.580 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 379543   | 42.673 | ng    | 94       |
| 58) Fluorene                   | 10.48 | 166  | 1180560  | 43.512 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 343167   | 43.874 | ng    | 97       |
| 60) Diethylphthalate           | 10.35 | 149  | 1203866  | 40.414 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 595681   | 39.152 | ng    | 96       |
| 62) 4-Nitroaniline             | 10.50 | 138  | 279352   | 39.954 | ng    | 100      |
| 63) Azobenzene                 | 10.63 | 77   | 1165835  | 40.969 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 171720   | 39.145 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 996913   | 41.785 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 394599   | 42.852 | ng    | 98       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 429759   | 42.111 | ng    | 98       |
| 69) Atrazine                   | 11.12 | 200  | 325634   | 38.847 | ng    | 98       |
| 70) Pentachlorophenol          | 11.23 | 266  | 415732   | 71.587 | ng    | 97       |
| 71) Phenanthrene               | 11.44 | 178  | 1614041  | 42.462 | ng    | 99       |
| 72) Anthracene                 | 11.50 | 178  | 1745891  | 45.246 | ng    | 100      |
| 73) Carbazole                  | 11.64 | 167  | 1501581  | 40.006 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.97 | 149  | 1672473  | 38.362 | ng    | 100      |
| 75) Fluoranthene               | 12.63 | 202  | 1564529  | 40.094 | ng    | 99       |
| 77) Benzidine                  | 12.74 | 184  | 508185   | 28.126 | ng    | 97       |
| 78) Pyrene                     | 12.86 | 202  | 1582114  | 38.026 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 728770   | 41.431 | ng    | 98       |
| 81) Benzo(a)anthracene         | 14.05 | 228  | 1510221  | 43.396 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 464007   | 36.116 | ng    | 97       |
| 83) Chrysene                   | 14.09 | 228  | 1408341  | 42.443 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.03 | 149  | 1023461  | 44.304 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.64 | 149  | 1494622  | 45.211 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.05 | 276  | 1249256  | 51.642 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.11 | 252  | 1252782  | 45.688 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.14 | 252  | 1188982  | 46.129 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.48 | 252  | 1161160  | 48.161 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.06 | 278  | 1038340  | 53.546 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.50 | 276  | 1066618  | 56.236 | ng    | 97       |

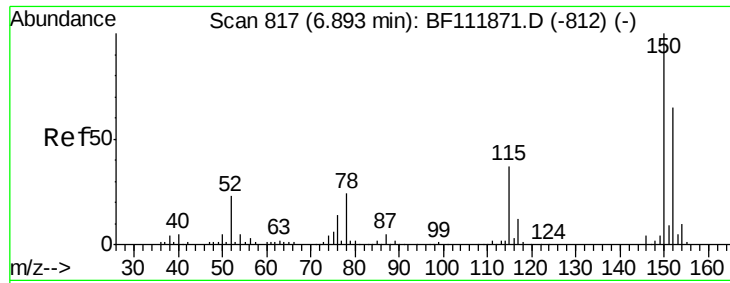
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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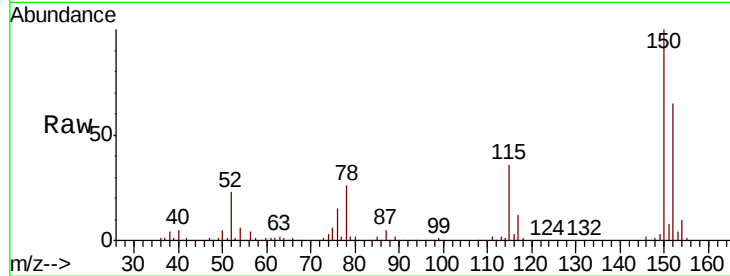


#1

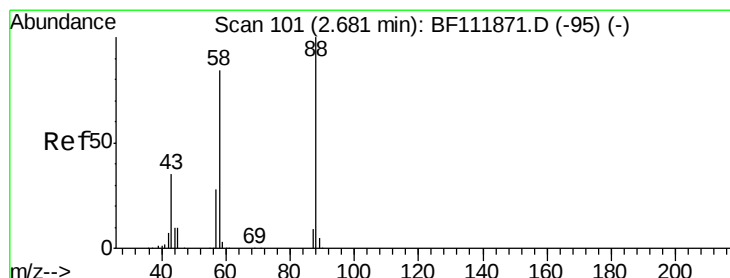
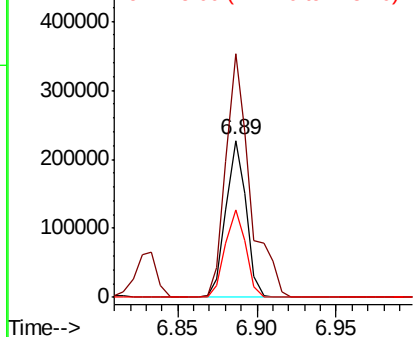
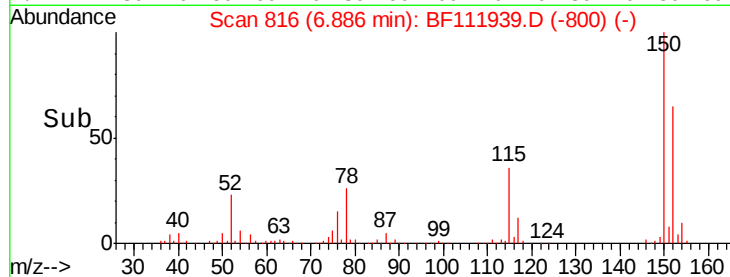
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 816  
Delta R.T. -0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 200694  
Ion Ratio Lower Upper  
152 100  
150 155.0 122.7 184.1  
115 56.0 45.2 67.8



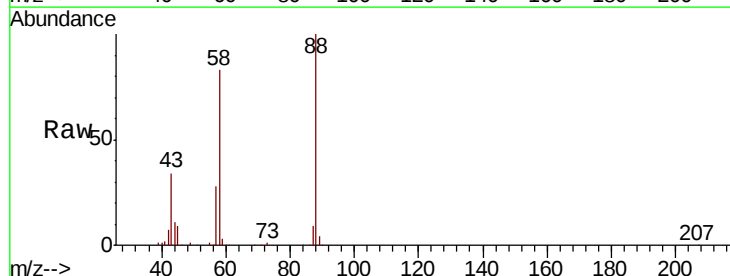
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



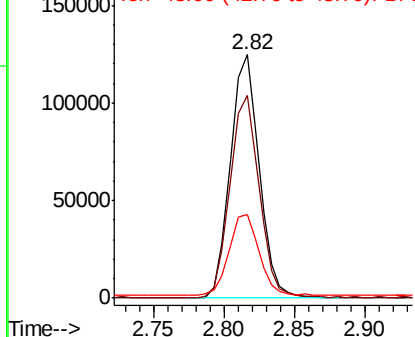
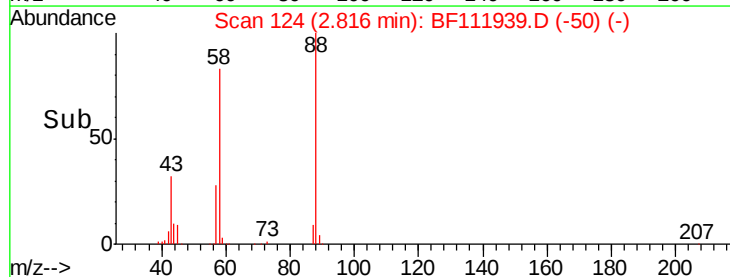
#2

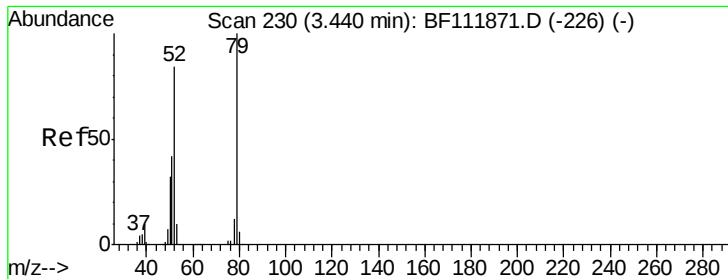
1,4-Dioxane  
Concen: 34.686 ng  
RT: 2.82 min Scan# 124  
Delta R.T. 0.14 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion: 88 Resp: 177915  
Ion Ratio Lower Upper  
88 100  
58 85.6 67.6 101.4  
43 35.1 29.0 43.6



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.971 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.12 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampled :

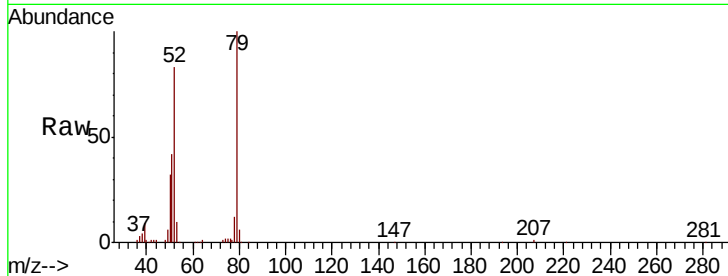
Tot Ion: 79 Resp: 491532

Ion Ratio Lower Upper

79 100

52 83.3 67.0 100.6

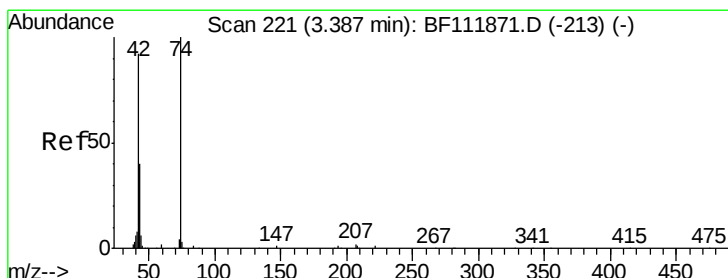
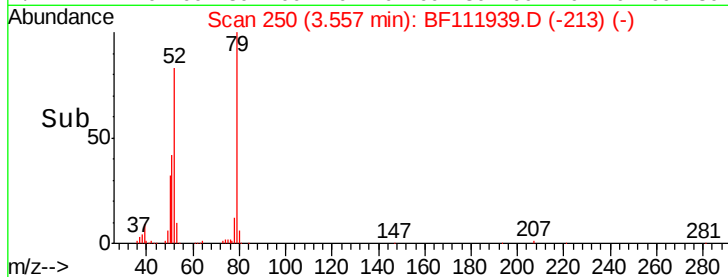
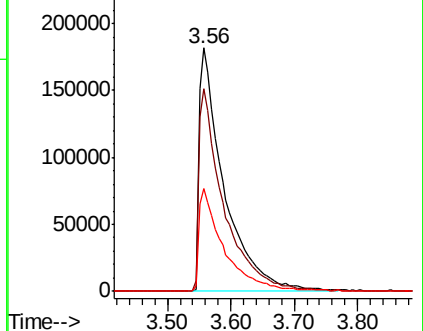
51 42.2 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.449 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.12 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

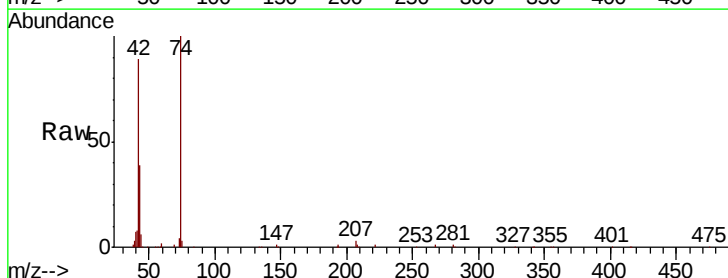
Tgt Ion: 42 Resp: 280791

Ion Ratio Lower Upper

42 100

74 112.7 87.0 130.6

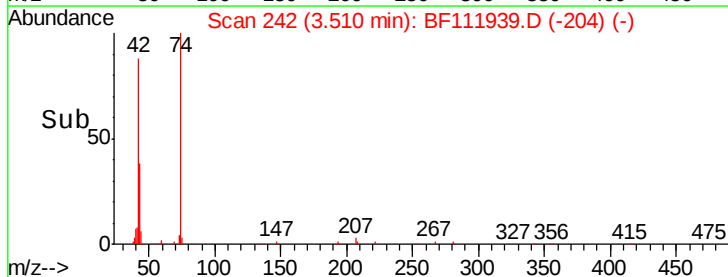
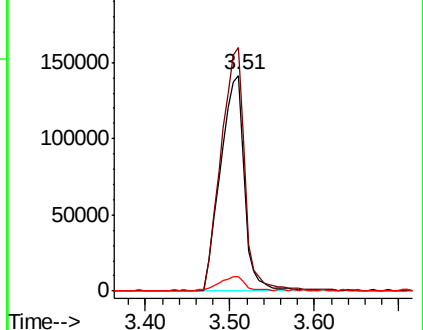
44 6.9 5.5 8.3

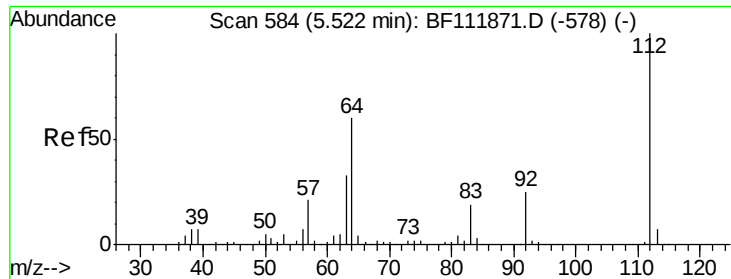


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.234 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

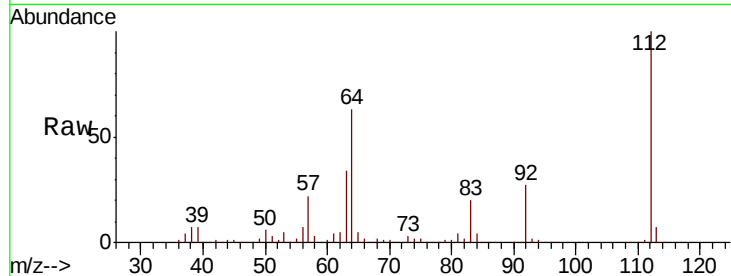
Tot Ion:112 Resp: 1422179

Ion Ratio Lower Upper

112 100

64 63.0 48.3 72.5

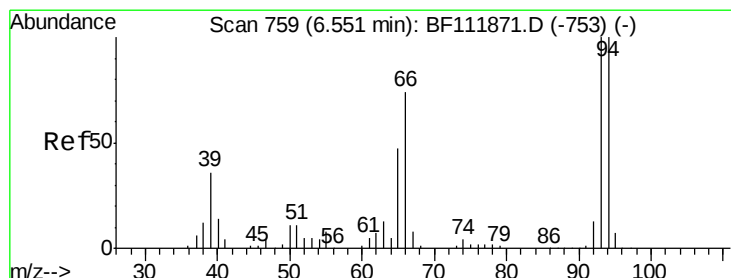
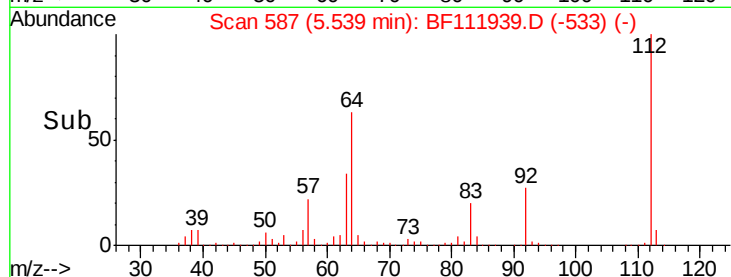
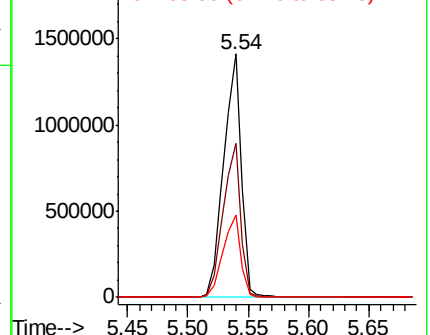
63 33.9 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.113 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

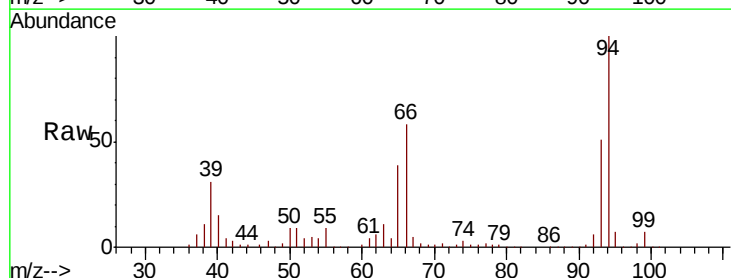
Tgt Ion: 93 Resp: 532235

Ion Ratio Lower Upper

93 100

66 113.6 60.0 90.0#

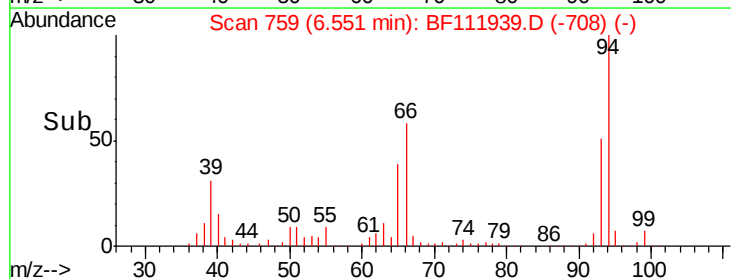
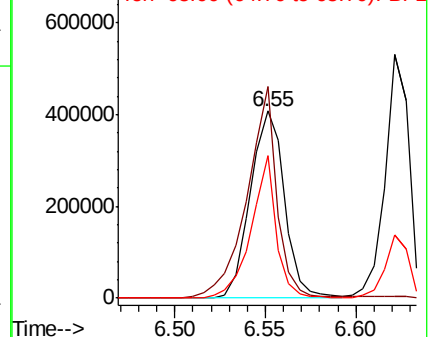
65 76.6 37.5 56.3#

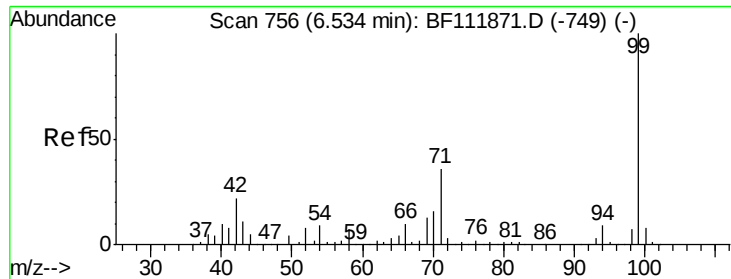


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.972 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

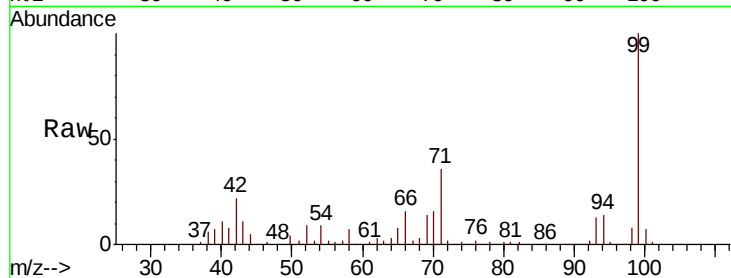
Tot Ion: 99 Resp: 1723223

Ion Ratio Lower Upper

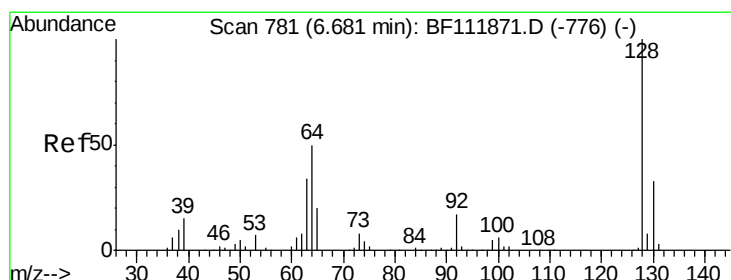
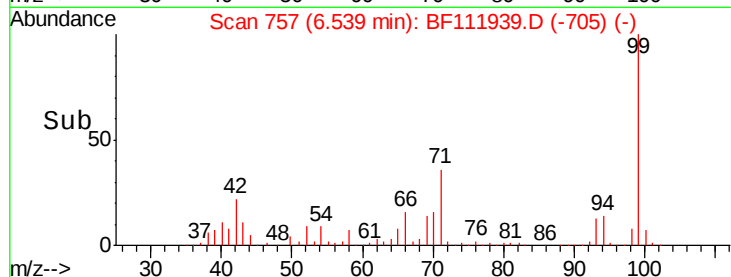
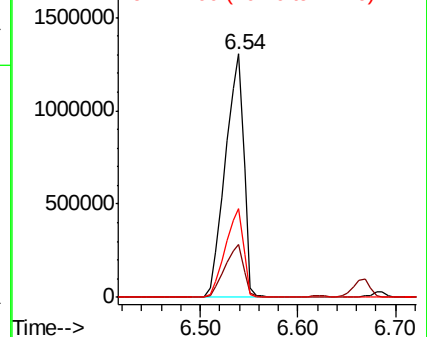
99 100

42 21.8 17.9 26.9

71 36.2 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.125 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

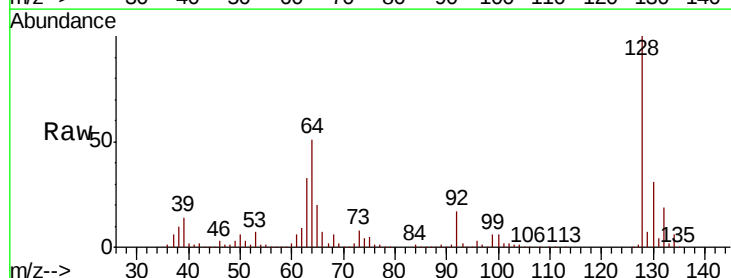
Tgt Ion:128 Resp: 522673

Ion Ratio Lower Upper

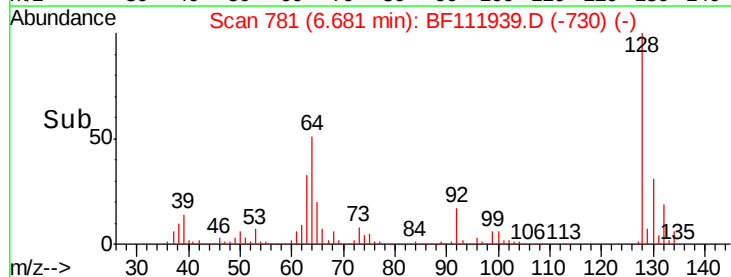
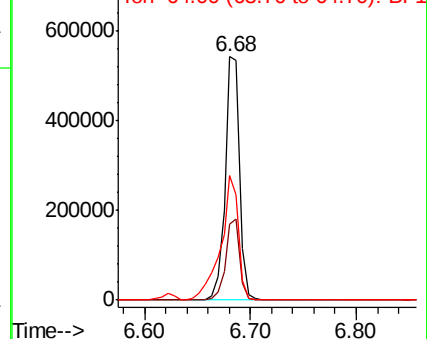
128 100

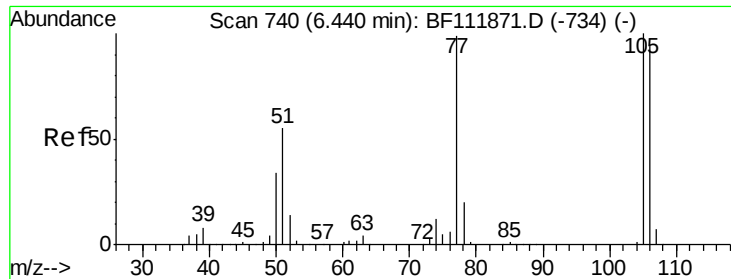
130 31.3 12.7 52.7

64 51.2 31.8 71.8



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.247 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampled :

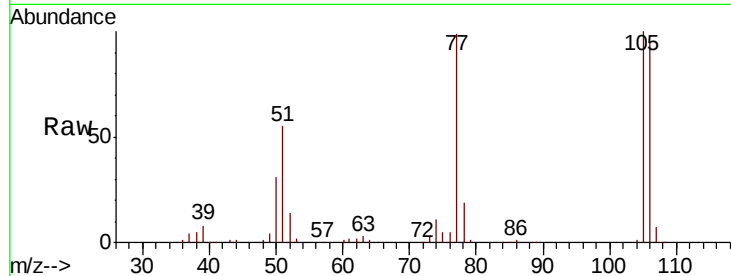
Tot Ion: 77 Resp: 106560

Ion Ratio Lower Upper

77 100

105 101.3 80.6 120.6

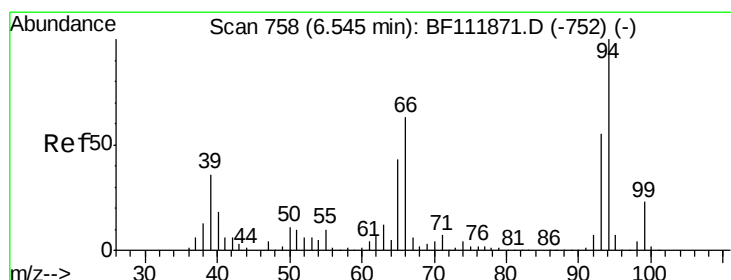
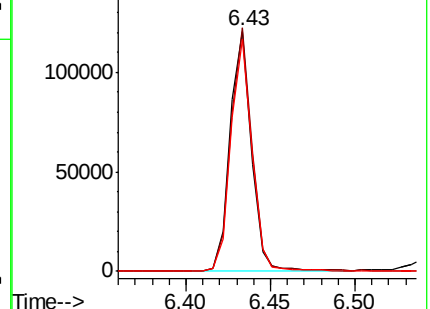
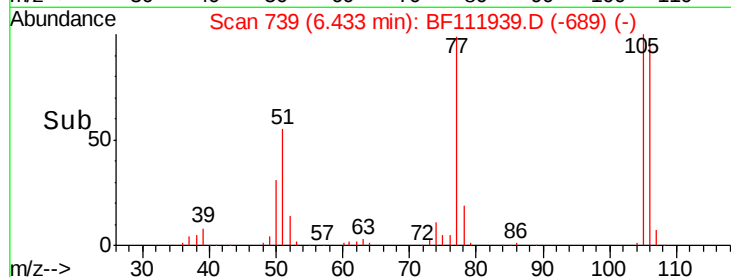
106 96.5 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.697 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

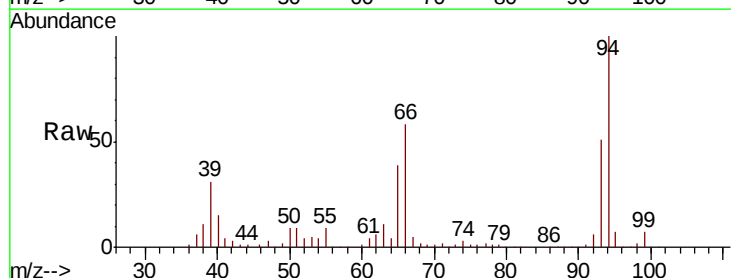
Tgt Ion: 94 Resp: 619478

Ion Ratio Lower Upper

94 100

65 39.0 22.8 62.8

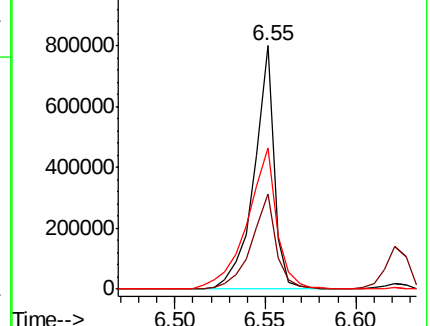
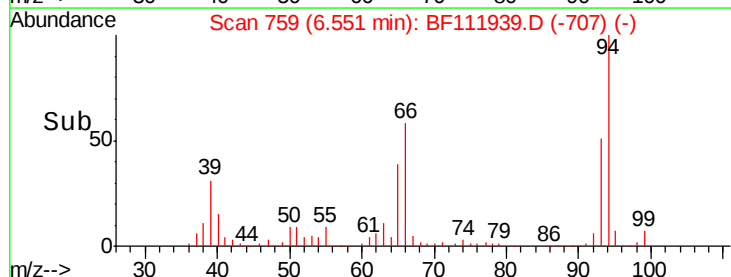
66 57.8 43.3 83.3

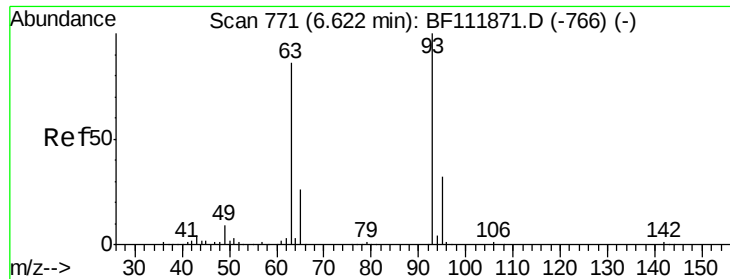


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

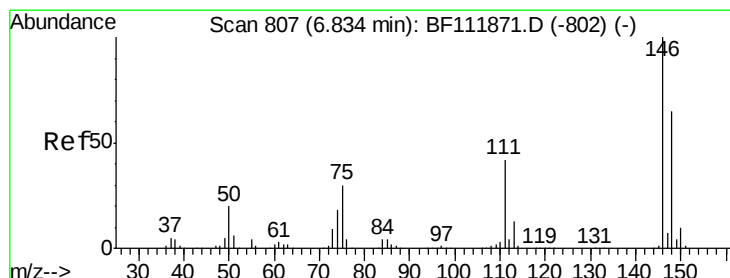
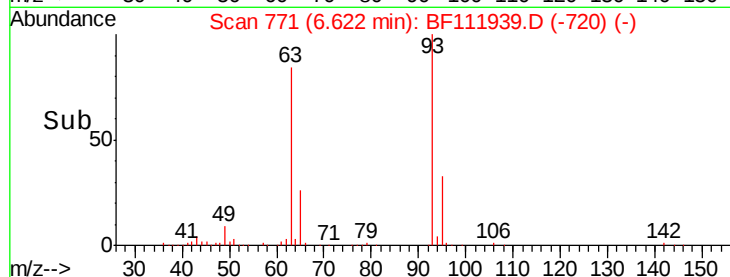
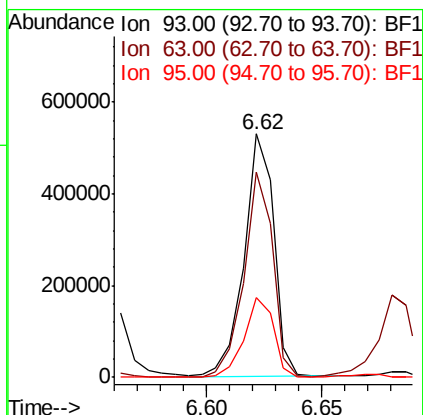
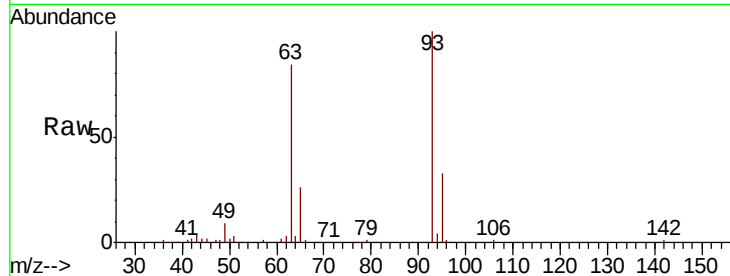




#11  
 bis(2-Chloroethyl)ether  
 Concen: 37.627 ng  
 RT: 6.62 min Scan# 771  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

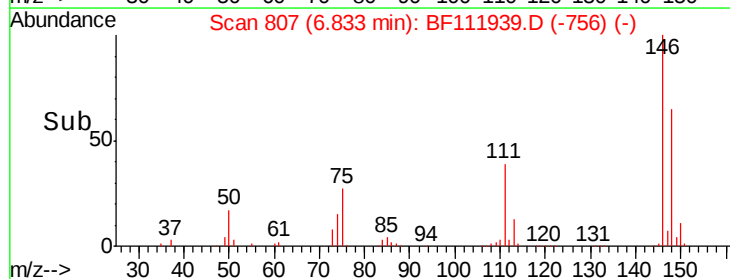
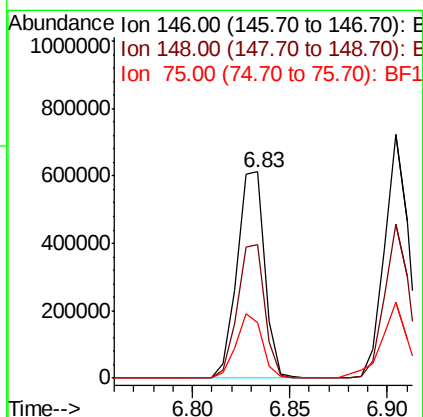
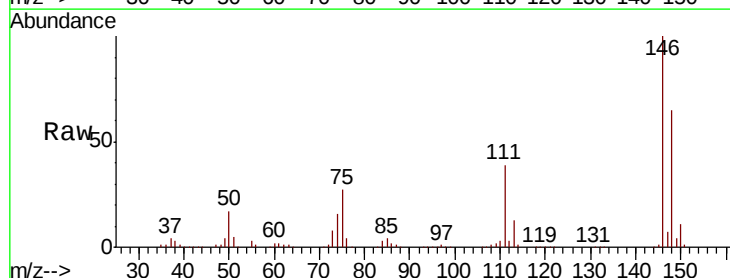
Instrument :  
 BNA\_F  
 ClientSampleId :

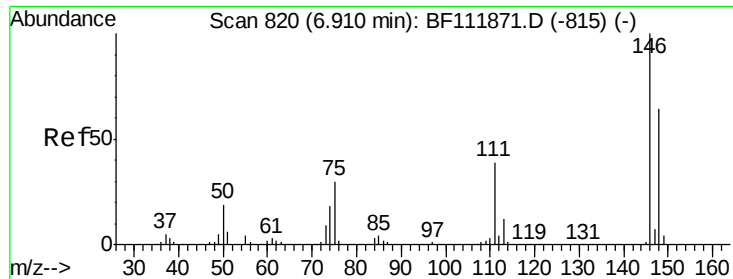
| Tot Ion | 93     | 63    | 95   |
|---------|--------|-------|------|
| Resp    | 478359 |       |      |
| Ratio   | 100    | 84.5  | 32.6 |
| Lower   |        | 65.2  | 11.9 |
| Upper   |        | 105.2 | 51.9 |



#12  
 1,3-Dichlorobenzene  
 Concen: 40.083 ng  
 RT: 6.83 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

| Tgt Ion | 146    | 148  | 75   |
|---------|--------|------|------|
| Resp    | 605287 |      |      |
| Ratio   | 100    | 64.8 | 27.2 |
| Lower   |        | 51.8 | 24.3 |
| Upper   |        | 77.6 | 36.5 |

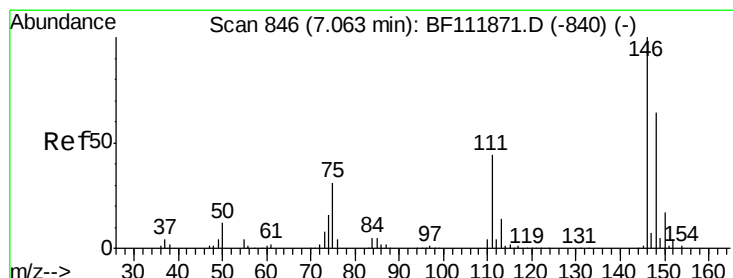
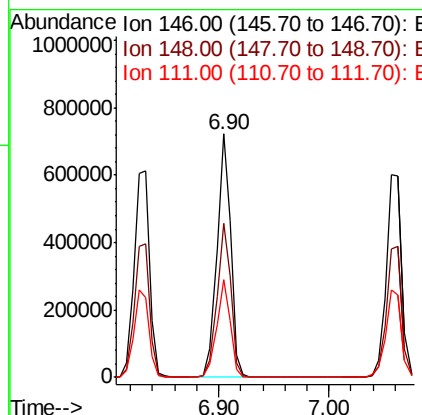
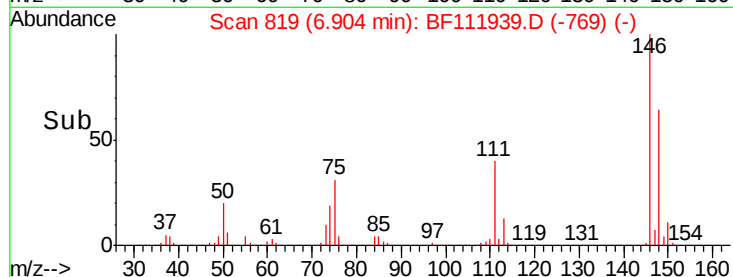
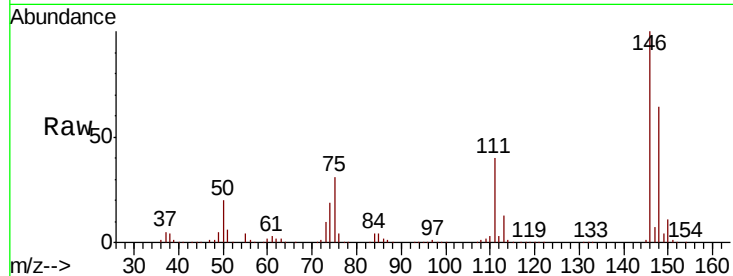




#13  
 1,4-Dichlorobenzene  
 Concen: 40.197 ng  
 RT: 6.90 min Scan# 819  
 Delta R.T. -0.01 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

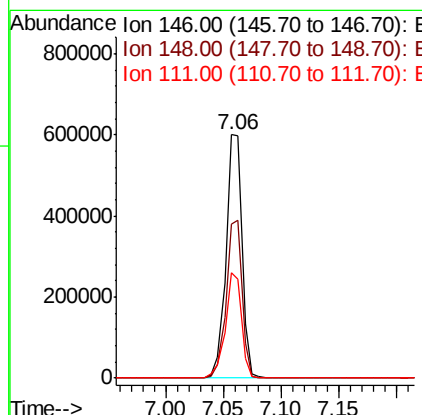
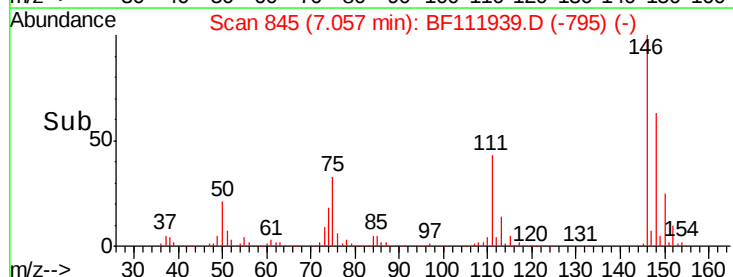
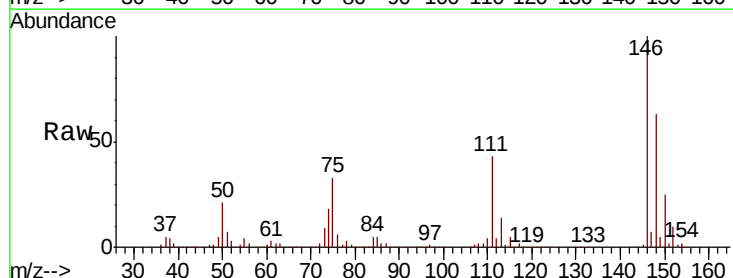
Instrument :  
 BNA\_F  
 ClientSampled :

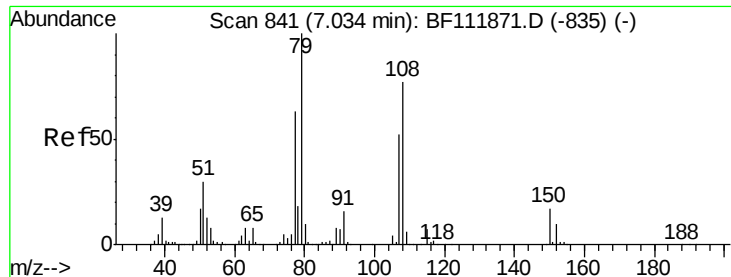
Tot Ion:146 Resp: 615974  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 51.2 76.8  
 111 40.4 31.5 47.3



#14  
 1,2-Dichlorobenzene  
 Concen: 39.571 ng  
 RT: 7.06 min Scan# 845  
 Delta R.T. -0.01 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Tgt Ion:146 Resp: 579633  
 Ion Ratio Lower Upper  
 146 100  
 148 63.2 51.5 77.3  
 111 43.3 35.5 53.3





#15

Benzyl Alcohol

Concen: 41.694 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

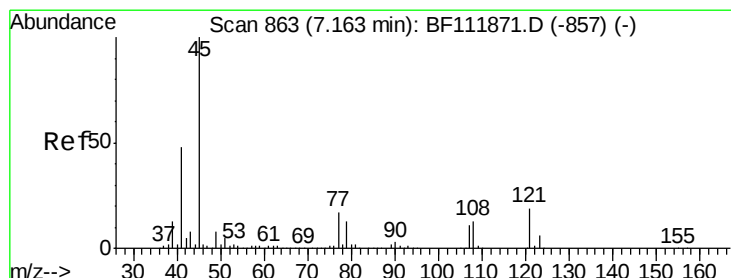
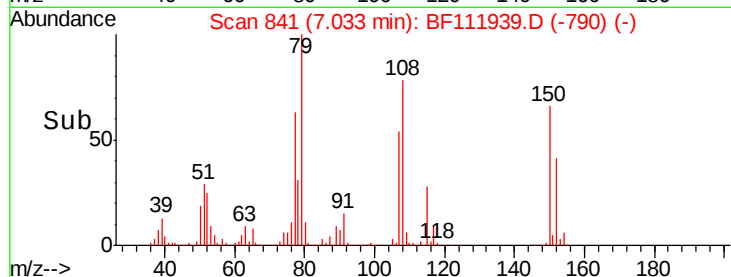
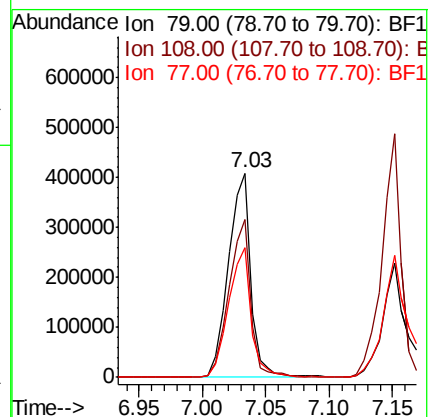
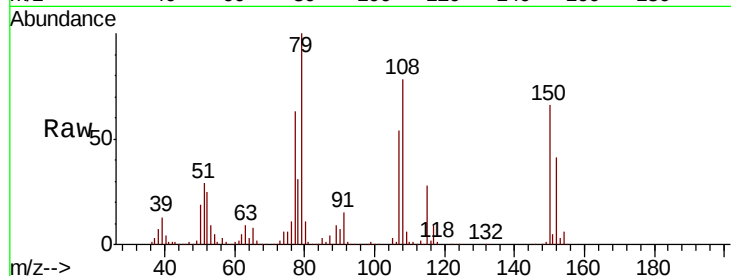
Tot Ion: 79 Resp: 498785

Ion Ratio Lower Upper

79 100

108 77.6 61.4 92.0

77 63.4 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.725 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

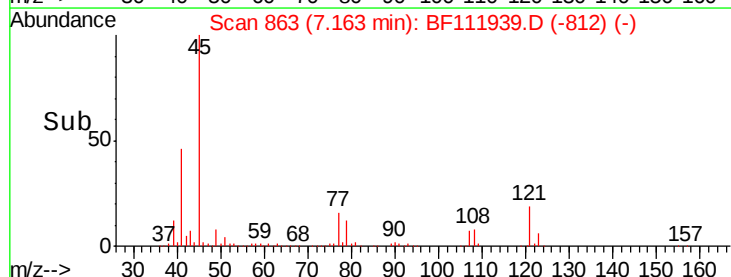
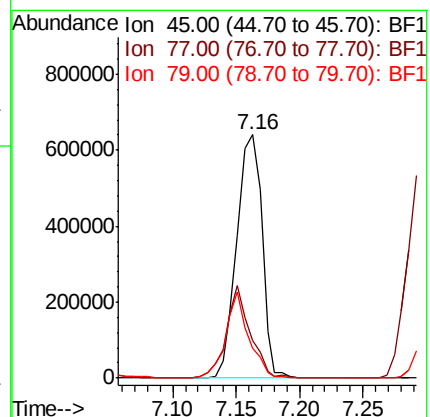
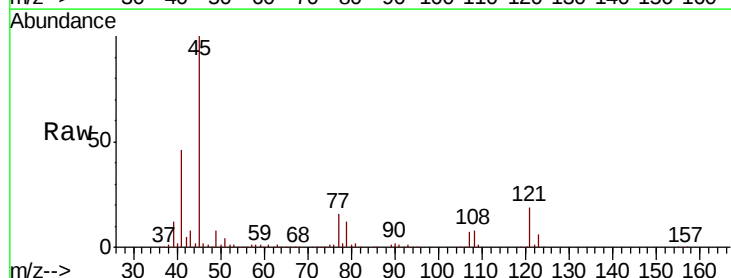
Tgt Ion: 45 Resp: 882725

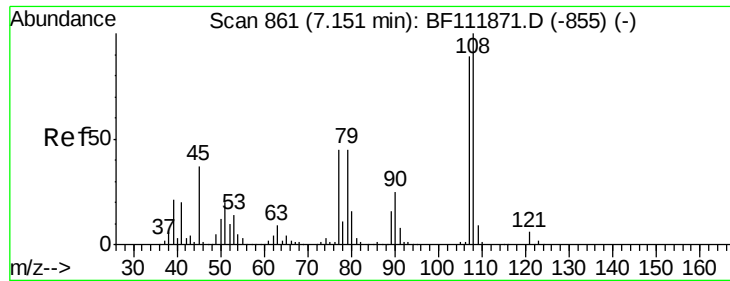
Ion Ratio Lower Upper

45 100

77 15.5 0.0 37.1

79 12.3 0.0 33.9

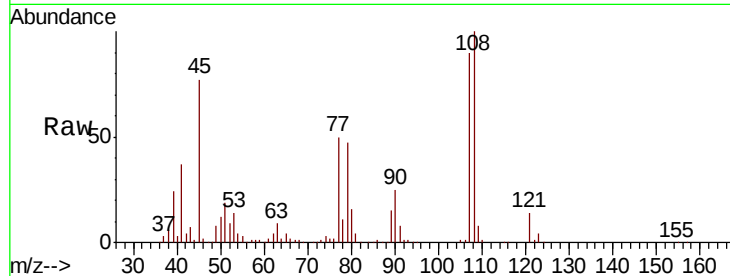




#17  
2-Methylphenol  
Concen: 43.355 ng  
RT: 7.15 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.7 | 89.7  | 134.5 |
| 77      | 55.9  | 40.6  | 60.8  |
| 79      | 52.4  | 40.2  | 60.2  |



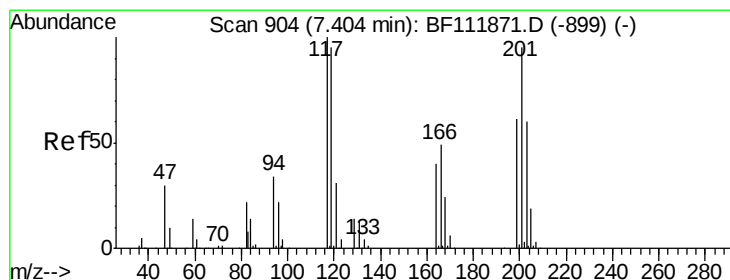
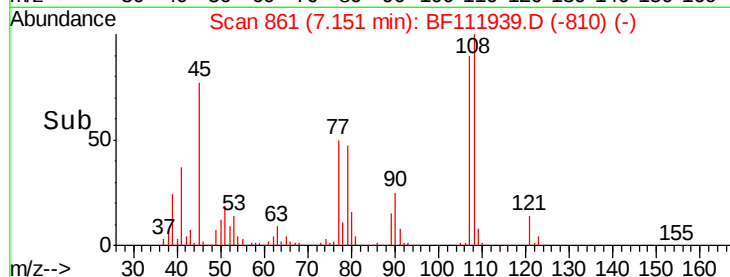
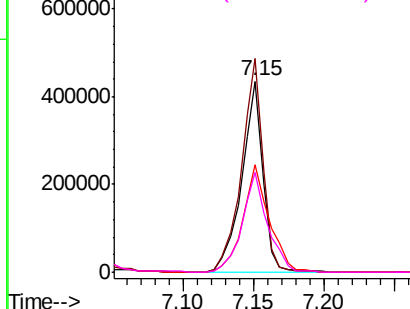
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

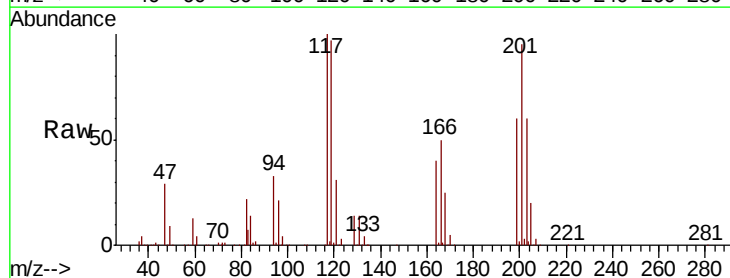
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 40.527 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.7  | 76.2  | 114.2 |
| 201     | 94.9  | 75.7  | 113.5 |

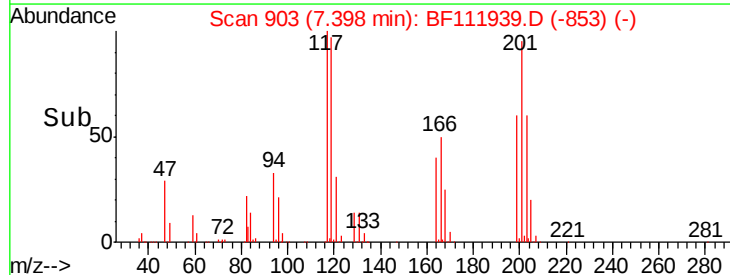
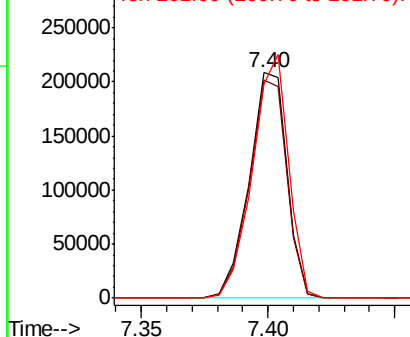


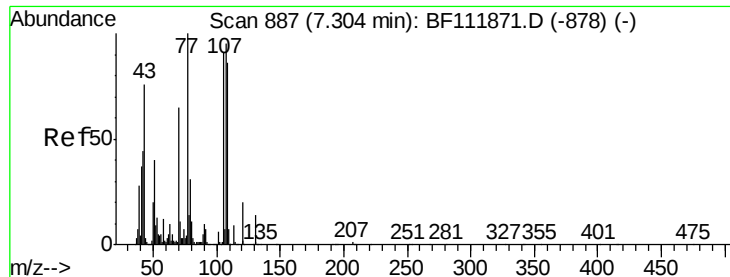
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

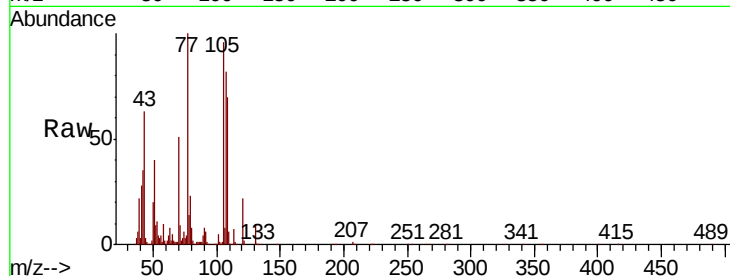




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.840 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 68.6  | 53.6  | 80.4  |
| 101     | 9.4   | 7.3   | 10.9  |
| 130     | 20.1  | 16.8  | 25.2  |



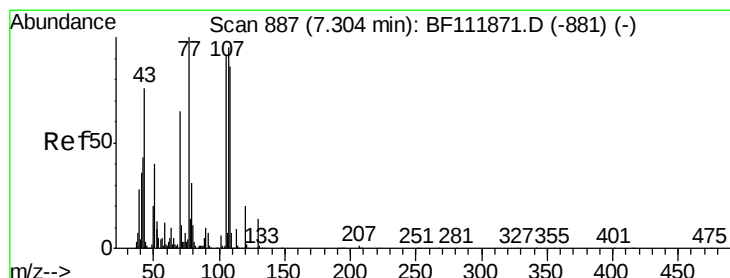
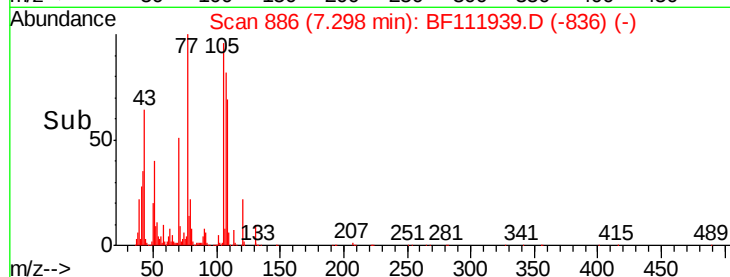
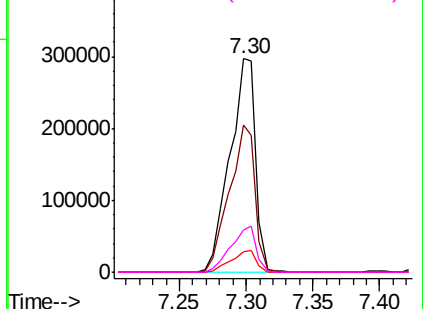
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

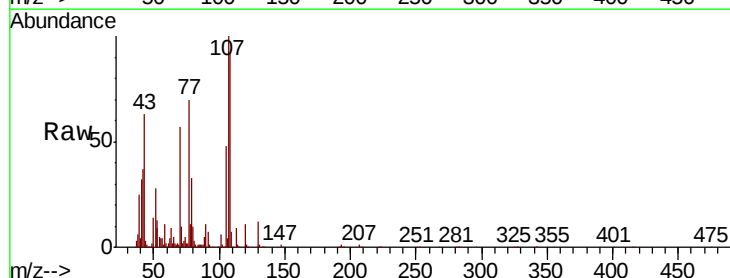
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20  
3+4-Methylphenols  
Concen: 44.074 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 91.9  | 71.1  | 111.1  |
| 77      | 69.9  | 85.4  | 125.4# |
| 79      | 32.7  | 12.4  | 52.4   |



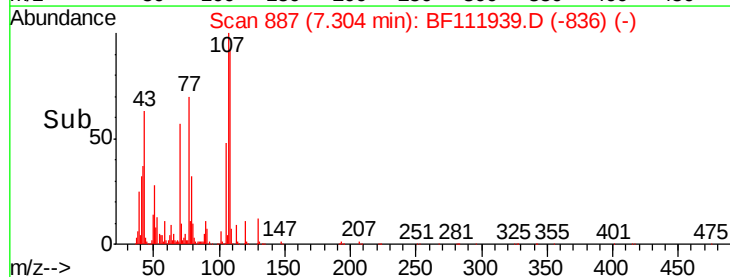
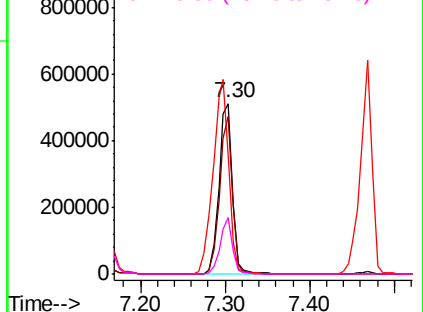
Abundance

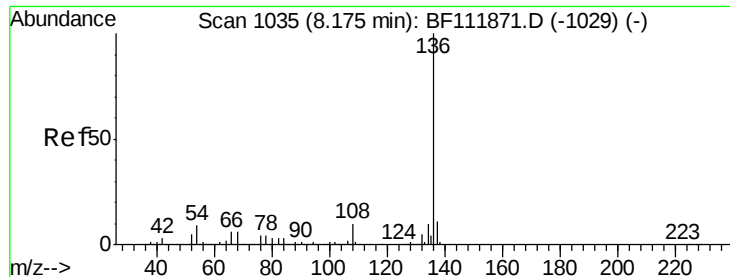
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 787825

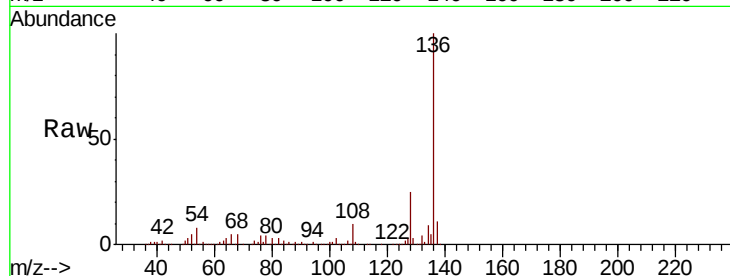
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.2 7.2 10.8

68 5.2 4.4 6.6

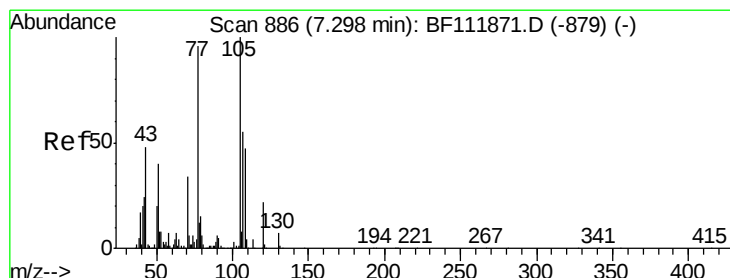
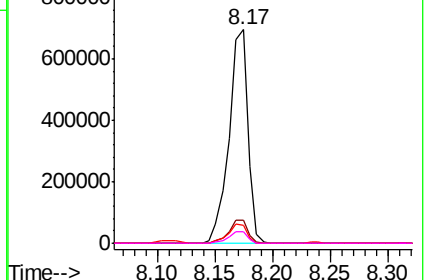
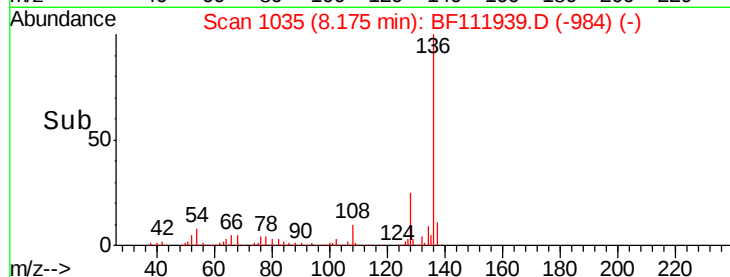


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.088 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Tgt Ion:105 Resp: 759670

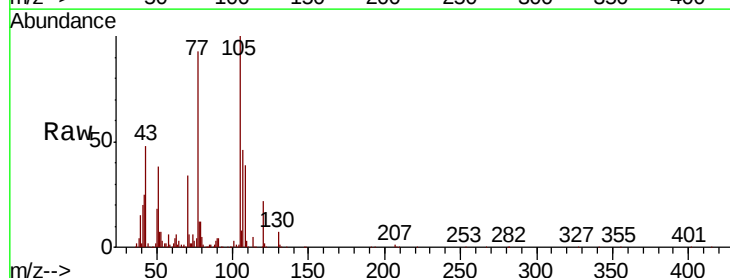
Ion Ratio Lower Upper

105 100

71 6.1 4.6 6.8

51 38.5 32.2 48.2

120 22.4 17.5 26.3

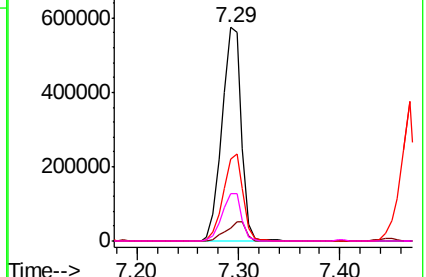
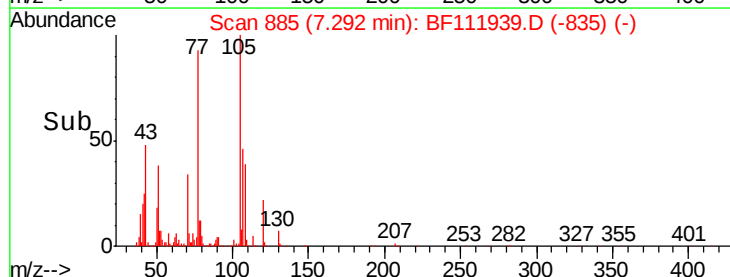


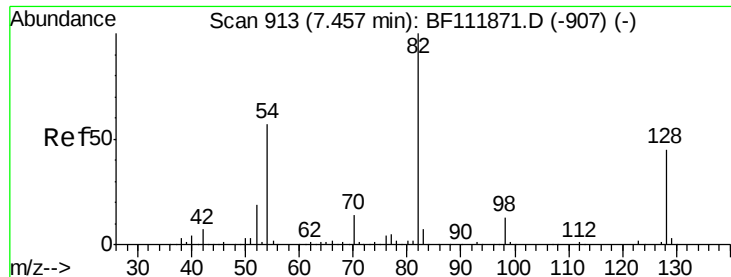
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

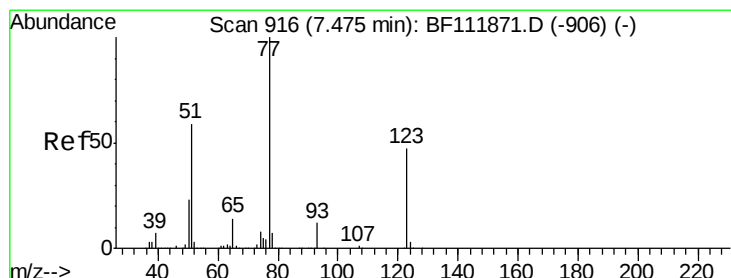
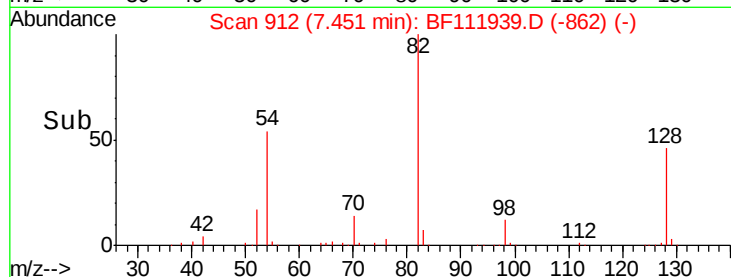
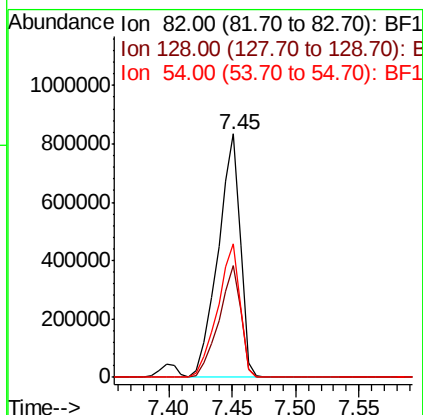
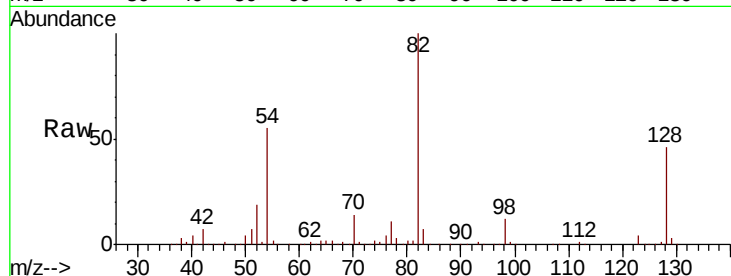




#23  
 Nitrobenzene-d5  
 Concen: 69.101 ng  
 RT: 7.45 min Scan# 912  
 Delta R.T. -0.01 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

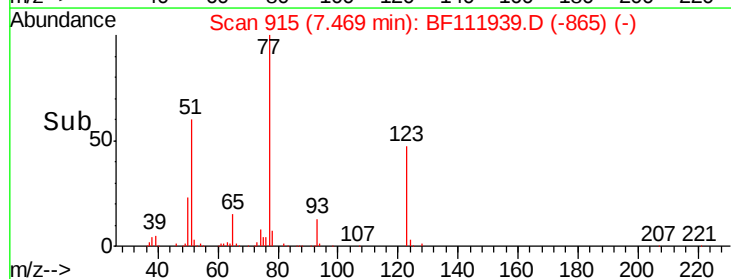
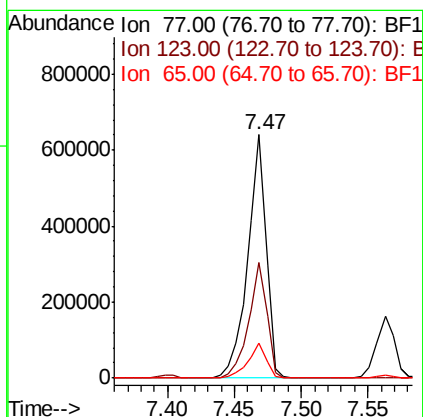
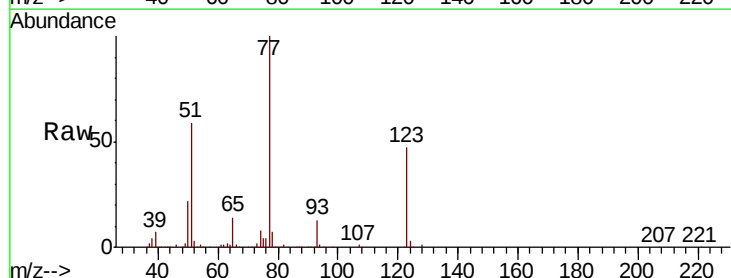
Instrument :  
 BNA\_F  
 ClientSampleId :

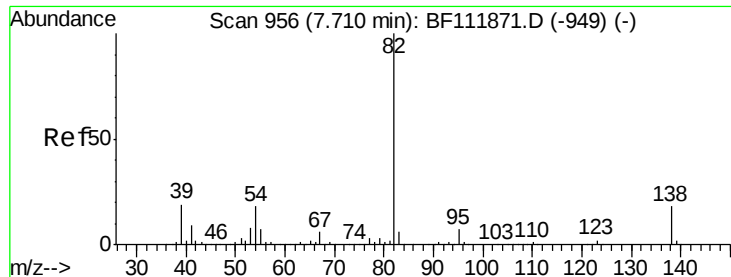
Tot Ion: 82 Resp: 1018604  
 Ion Ratio Lower Upper  
 82 100  
 128 45.7 35.7 53.5  
 54 54.8 45.8 68.8



#24  
 Nitrobenzene  
 Concen: 40.544 ng  
 RT: 7.47 min Scan# 915  
 Delta R.T. -0.01 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Tgt Ion: 77 Resp: 604581  
 Ion Ratio Lower Upper  
 77 100  
 123 47.4 38.1 57.1  
 65 14.4 11.0 16.4

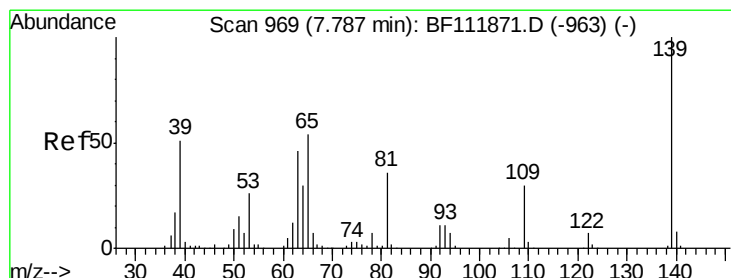
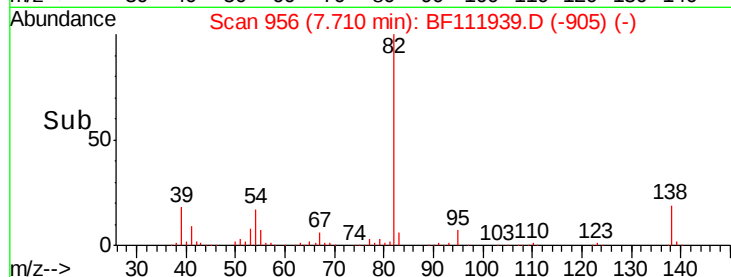
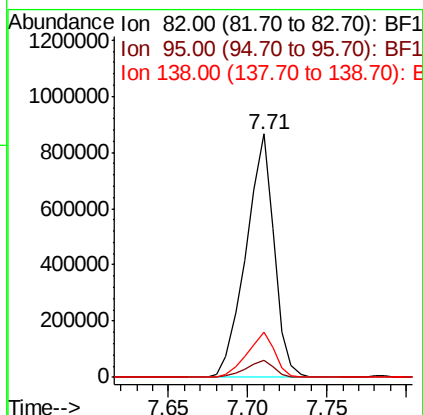
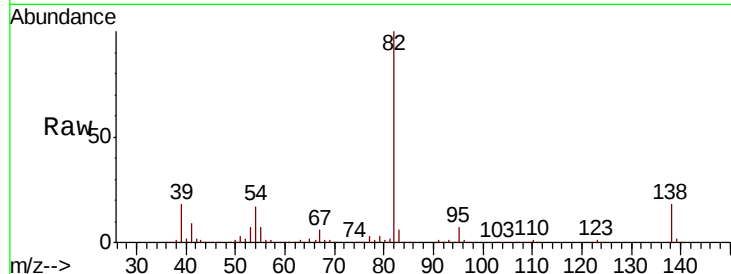




#25  
Isophorone  
Concen: 44.463 ng  
RT: 7.71 min Scan# 956  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

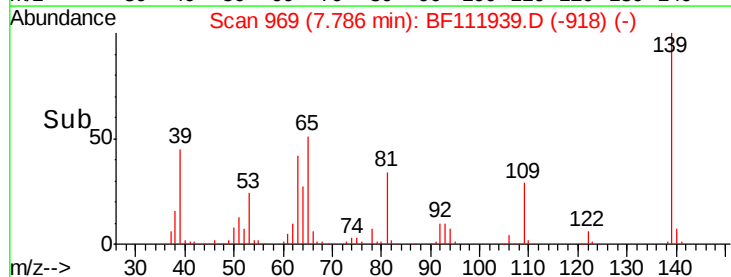
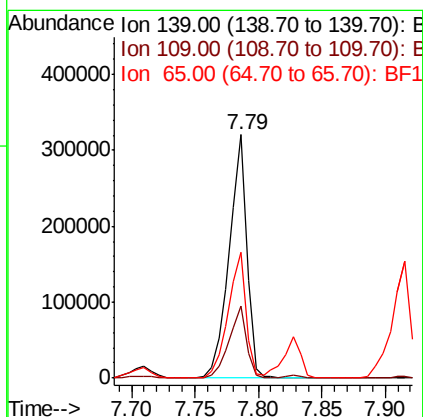
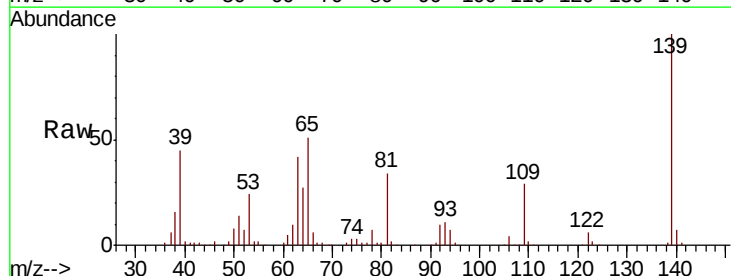
Instrument :  
BNA\_F  
ClientSampleId :

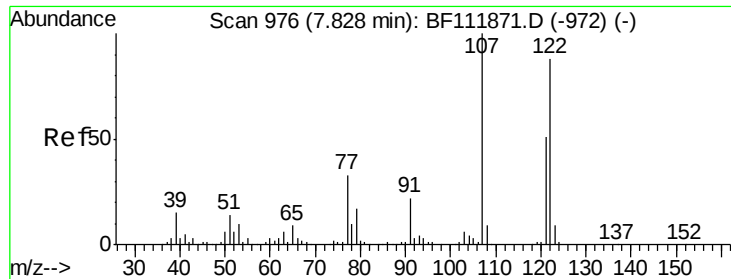
Tot Ion: 82 Resp: 1061338  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.6  
138 18.3 14.4 21.6



#26  
2-Nitrophenol  
Concen: 42.350 ng  
RT: 7.79 min Scan# 969  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion: 139 Resp: 310943  
Ion Ratio Lower Upper  
139 100  
109 29.4 24.1 36.1  
65 51.5 43.6 65.4

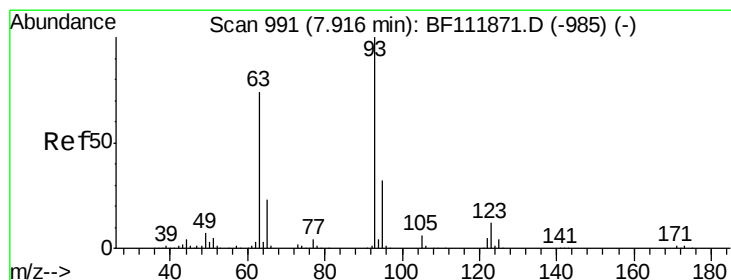
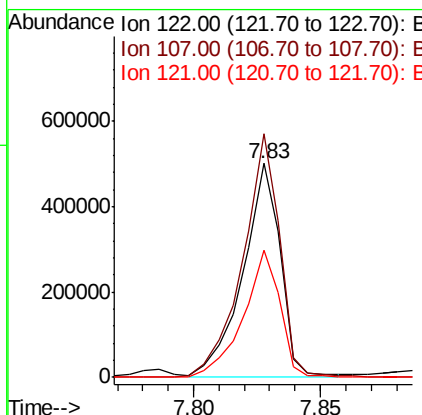
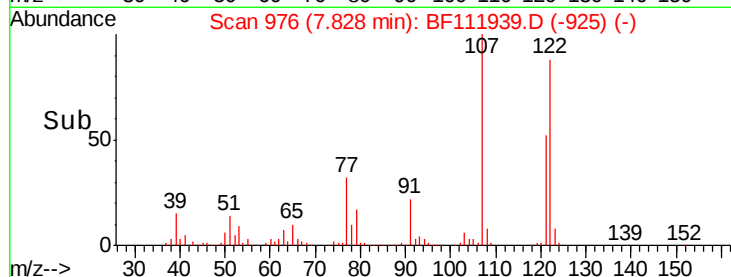
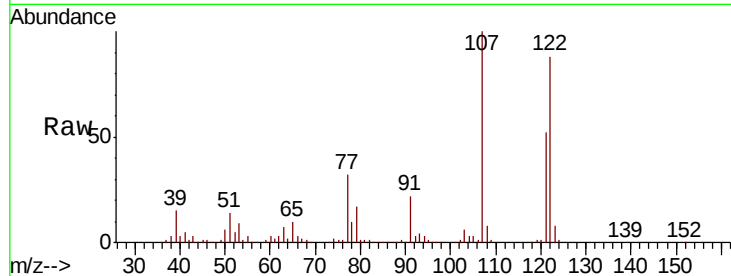




#27  
 2,4-Dimethylphenol  
 Concen: 48.420 ng  
 RT: 7.83 min Scan# 976  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

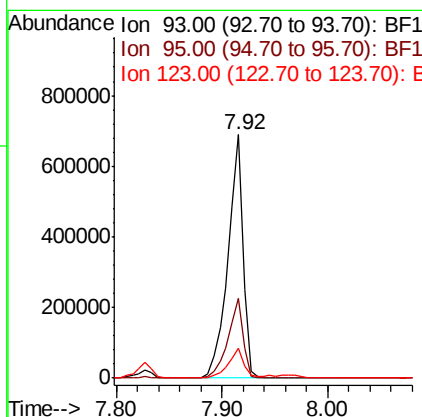
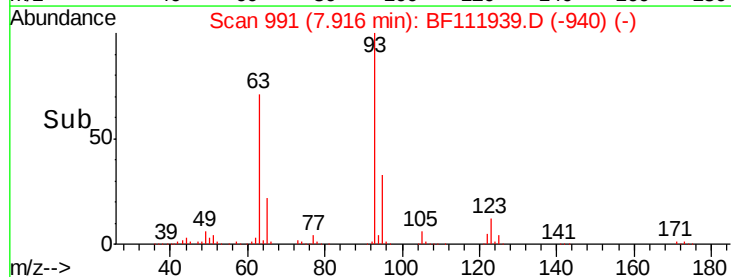
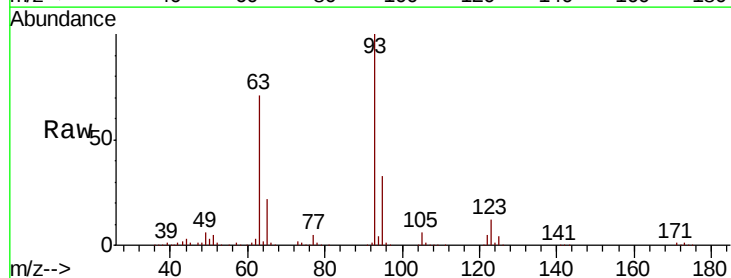
Instrument :  
 BNA\_F  
 ClientSampleId :

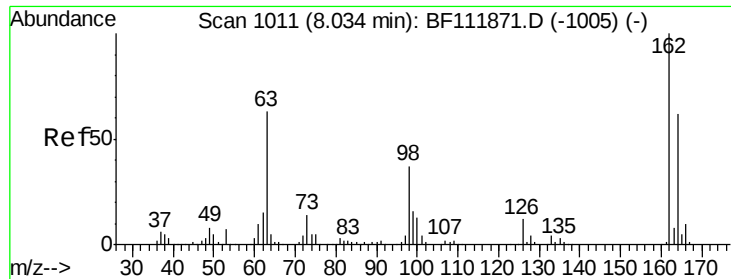
Tot Ion:122 Resp: 514018  
 Ion Ratio Lower Upper  
 122 100  
 107 114.0 91.0 136.6  
 121 59.3 46.8 70.2



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.955 ng  
 RT: 7.92 min Scan# 991  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Tgt Ion: 93 Resp: 684399  
 Ion Ratio Lower Upper  
 93 100  
 95 32.7 25.8 38.6  
 123 12.0 9.5 14.3

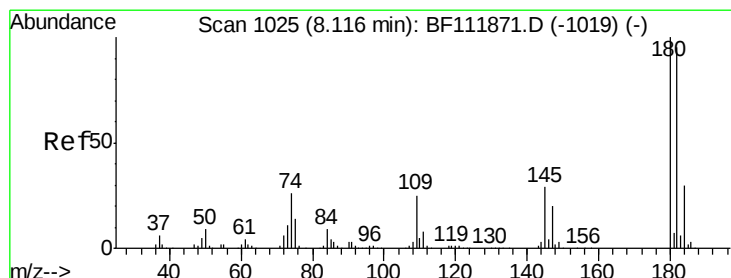
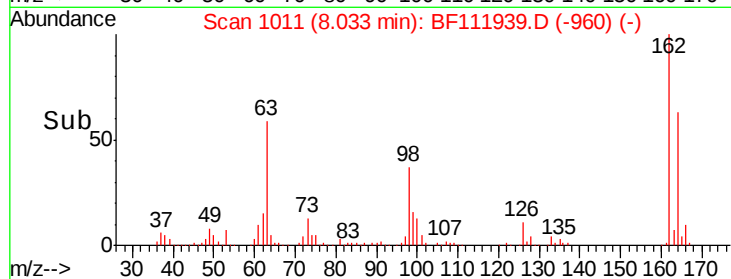
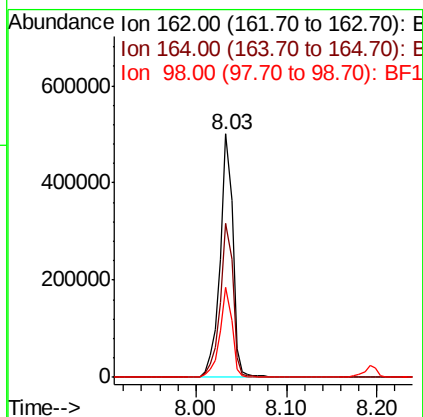
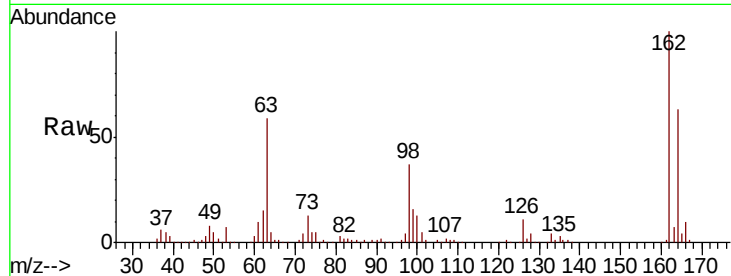




#29  
 2,4-Dichlorophenol  
 Concen: 39.359 ng  
 RT: 8.03 min Scan# 1011  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

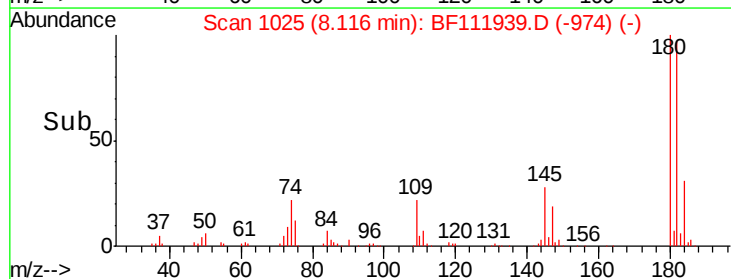
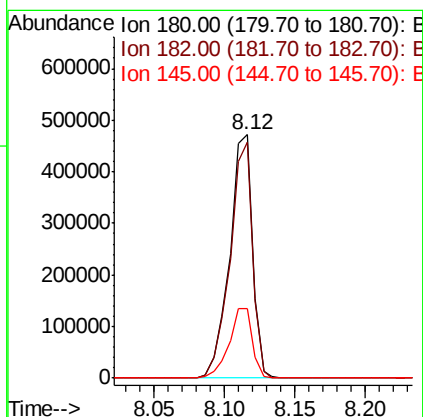
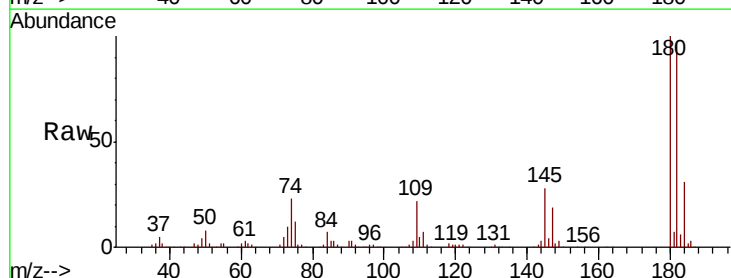
Instrument :  
 BNA\_F  
 ClientSampleId :

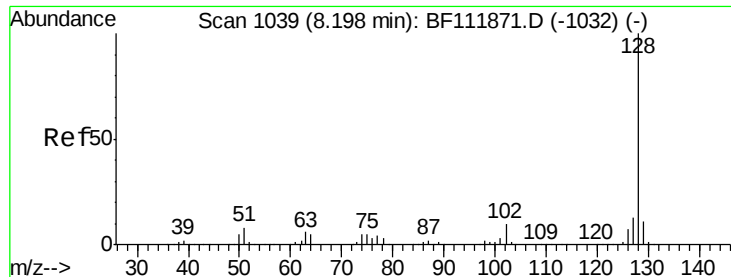
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.2  | 42.1  | 82.1  |
| 98      | 36.8  | 17.2  | 57.2  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.588 ng  
 RT: 8.12 min Scan# 1025  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.8  | 76.2  | 114.4 |
| 145     | 28.4  | 23.4  | 35.2  |

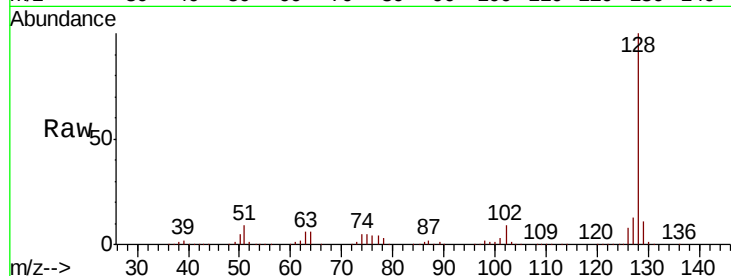




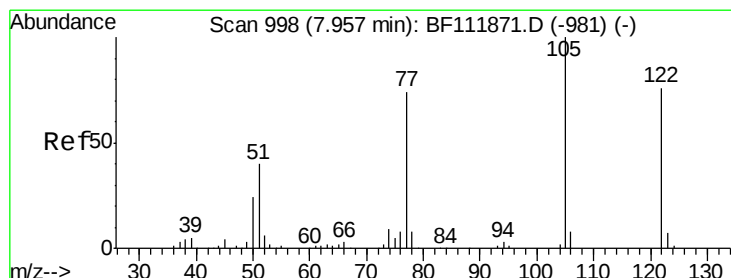
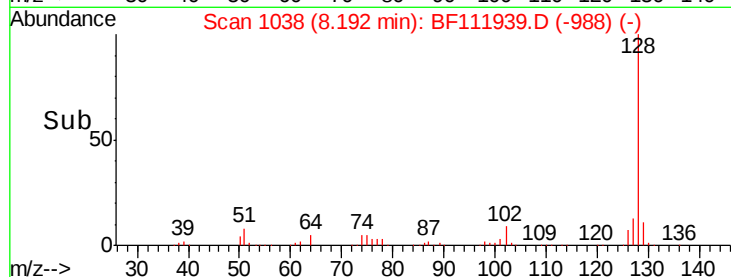
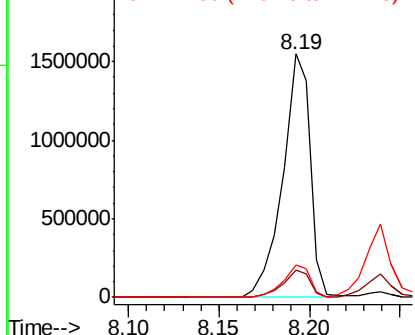
#31  
Naphthalene  
Concen: 43.749 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 1636141  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.4  
127 13.1 10.7 16.1

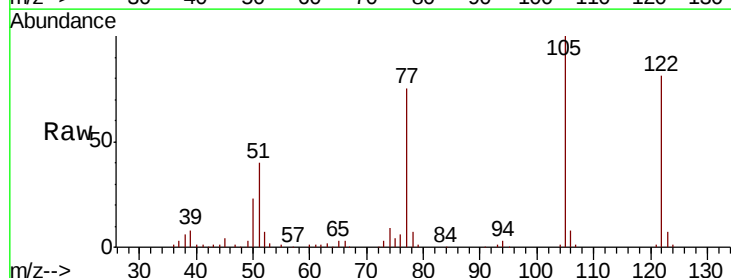


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

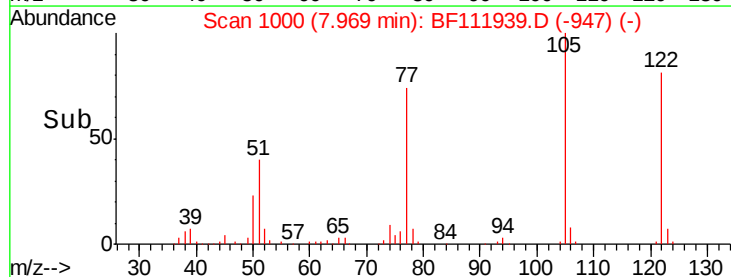
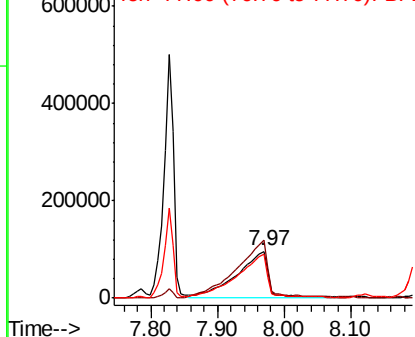


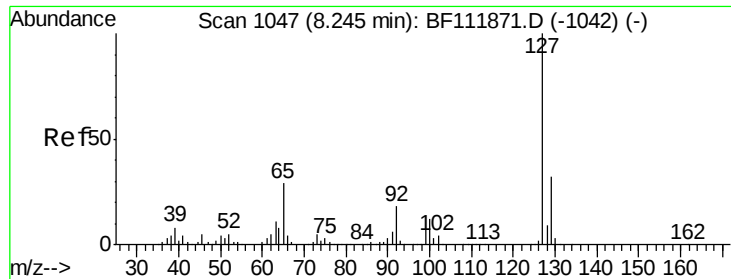
#32  
Benzoic acid  
Concen: 45.439 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. 0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion:122 Resp: 313031  
Ion Ratio Lower Upper  
122 100  
105 123.8 107.9 147.9  
77 92.4 76.6 116.6



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

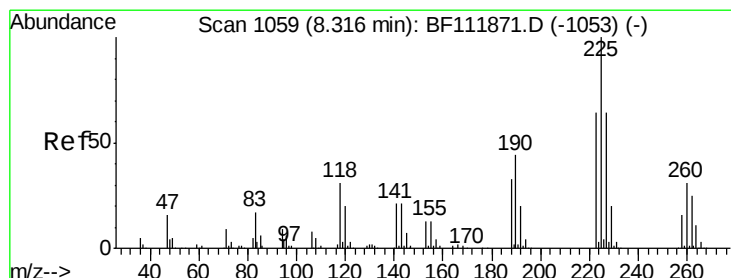
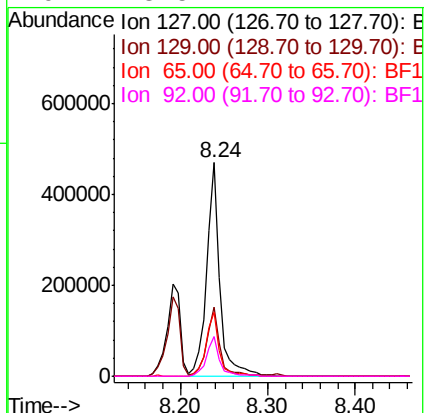
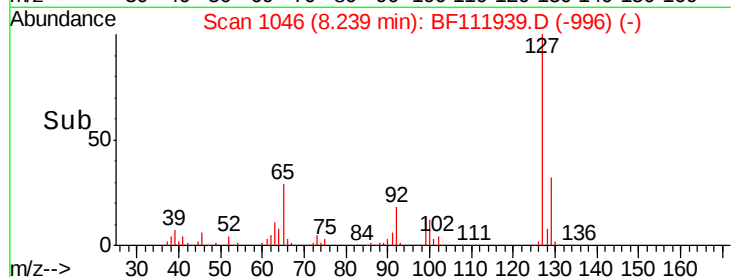
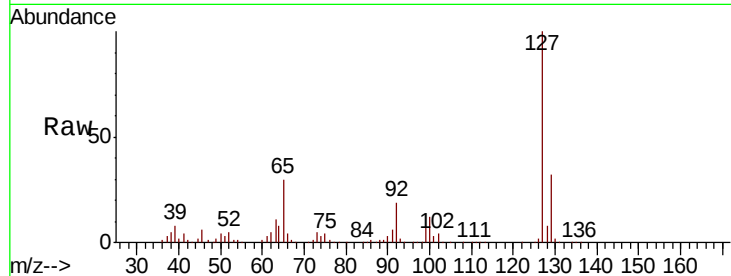




#33  
4-Chloroaniline  
Concen: 30.510 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

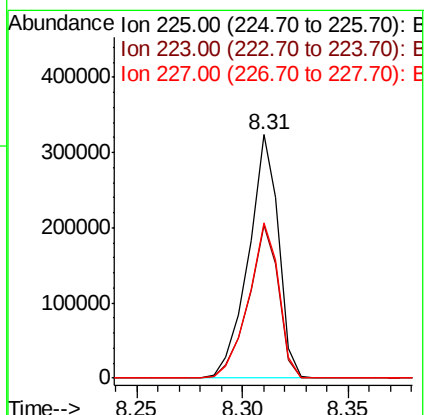
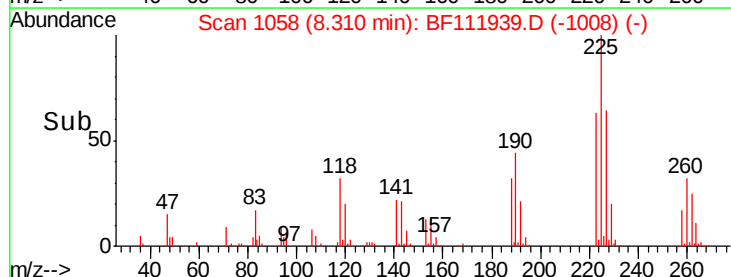
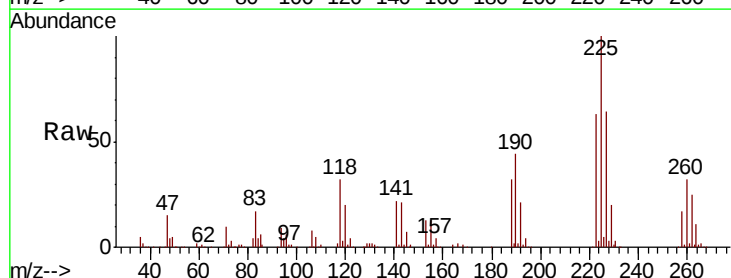
Instrument :  
BNA\_F  
ClientSampleId :

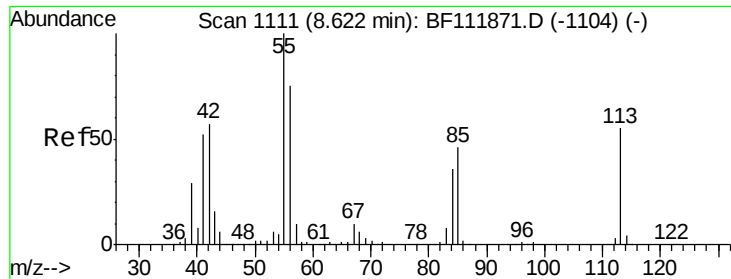
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 493251 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.8  | 38.6   |
| 65       | 29.7  | 23.5  | 35.3   |
| 92       | 18.5  | 14.2  | 21.2   |



#34  
Hexachlorobutadiene  
Concen: 38.015 ng  
RT: 8.31 min Scan# 1058  
Delta R.T. -0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 318701 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.8  | 50.9  | 76.3   |
| 227      | 63.6  | 51.4  | 77.0   |

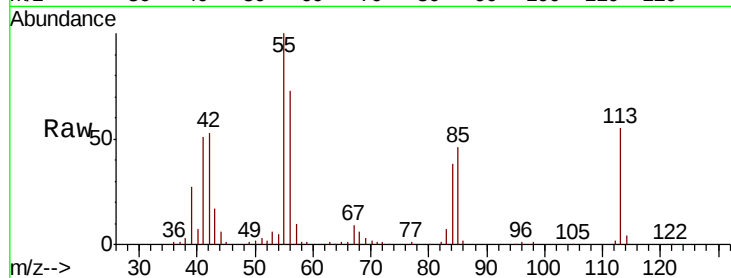




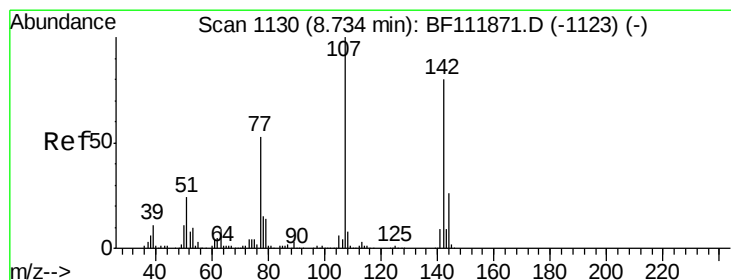
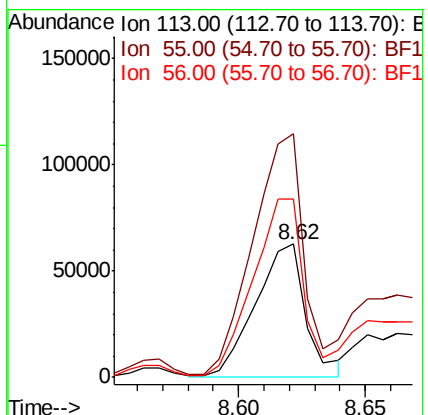
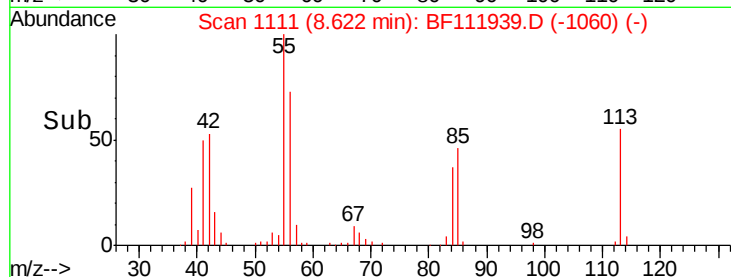
#35  
Caprolactam  
Concen: 21.838 ng  
RT: 8.62 min Scan# 1111  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:113 Resp: 87099  
Ion Ratio Lower Upper  
113 100  
55 182.9 162.0 202.0  
56 134.1 116.0 156.0

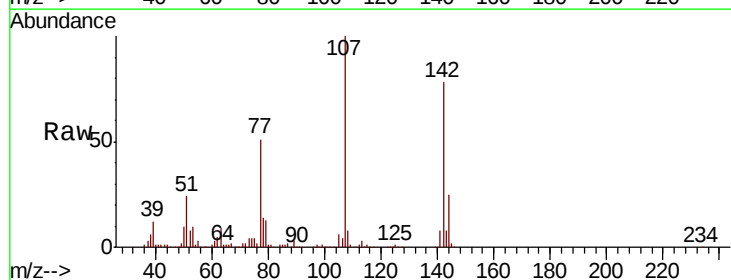


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

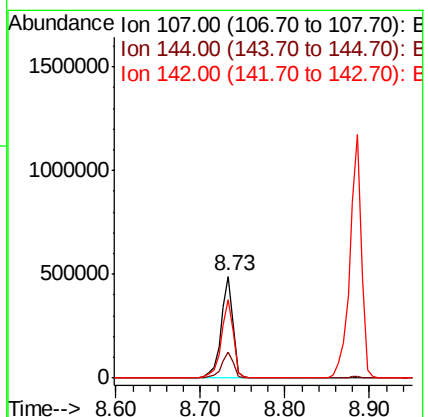
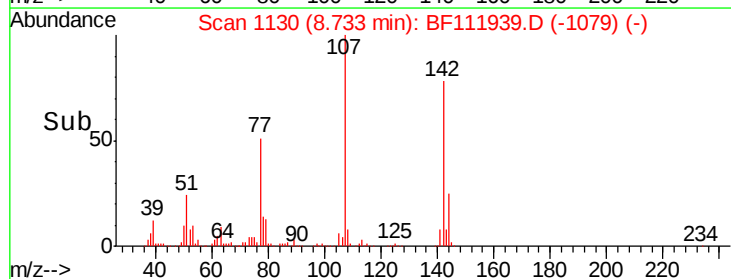


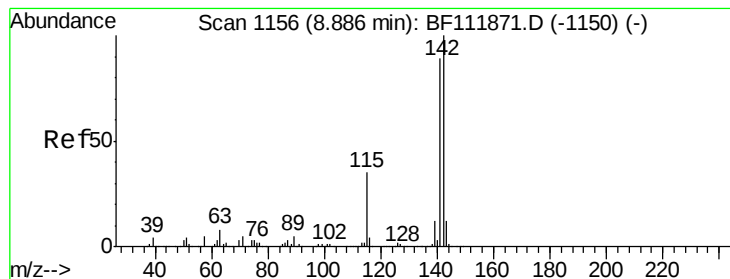
#36  
4-Chloro-3-methylphenol  
Concen: 40.120 ng  
RT: 8.73 min Scan# 1130  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion:107 Resp: 486944  
Ion Ratio Lower Upper  
107 100  
144 25.4 20.7 31.1  
142 77.7 63.9 95.9



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.801 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

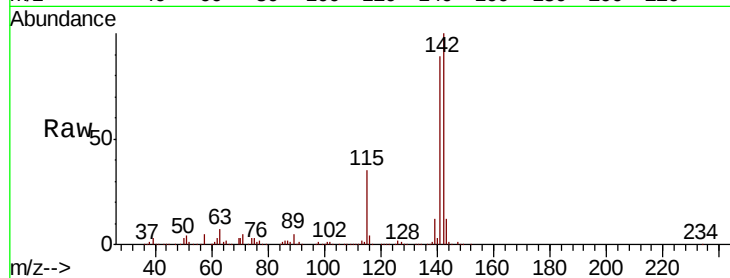
Tot Ion:142 Resp: 1130907

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

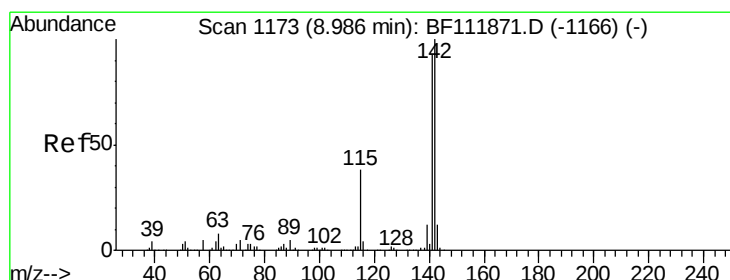
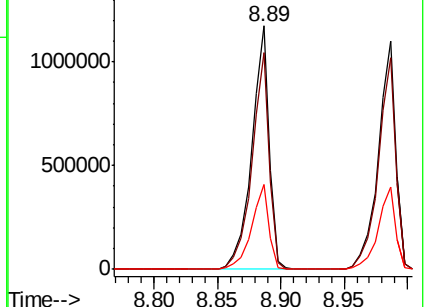
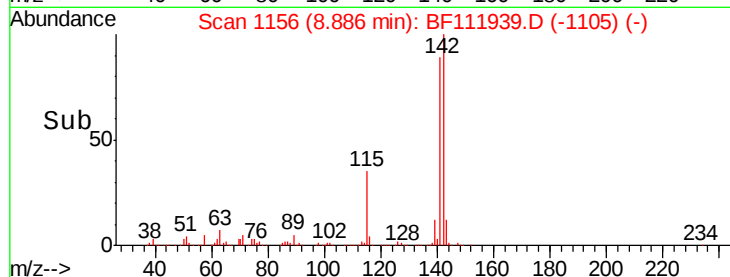
115 34.9 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.004 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

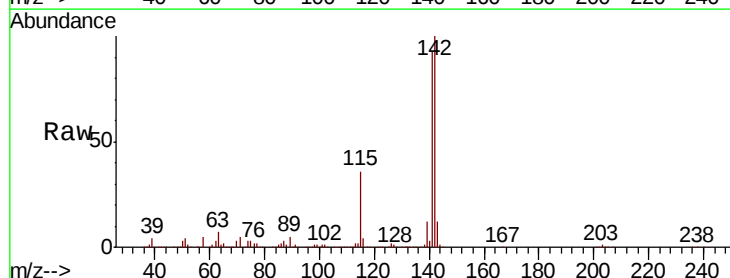
Tgt Ion:142 Resp: 1066966

Ion Ratio Lower Upper

142 100

141 92.7 74.8 112.2

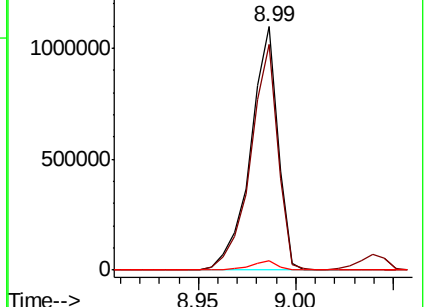
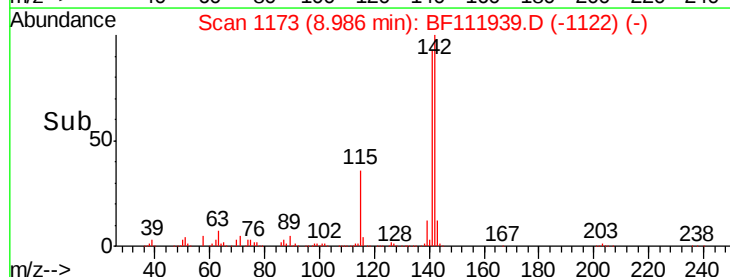
116 3.8 3.1 4.7

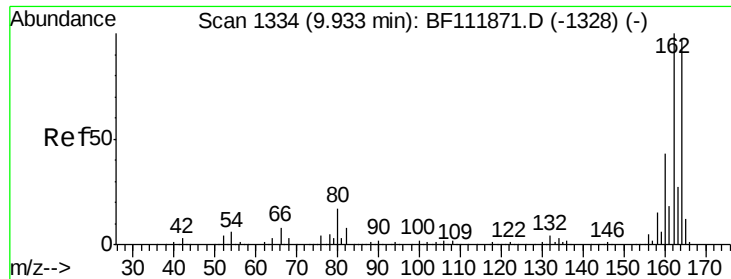


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

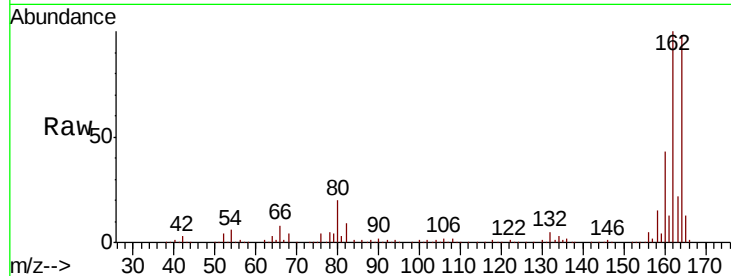




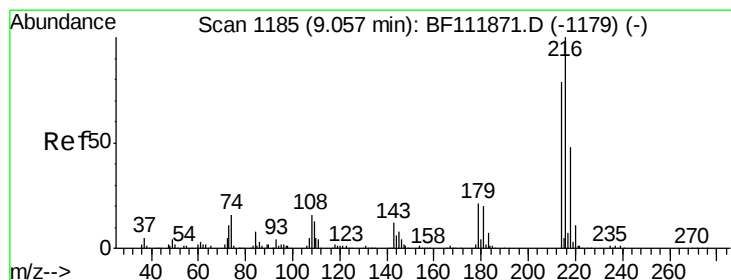
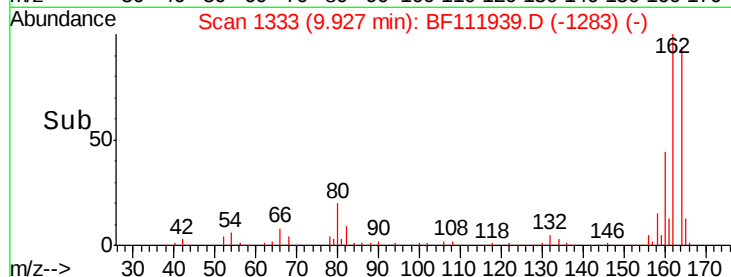
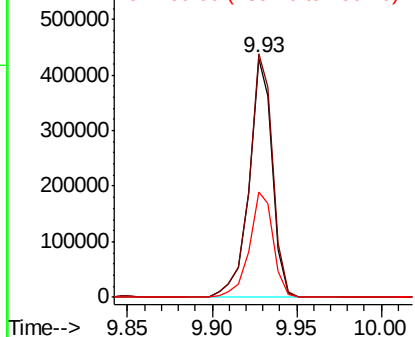
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:164 Resp: 409756  
Ion Ratio Lower Upper  
164 100  
162 101.8 82.2 123.2  
160 44.2 35.5 53.3

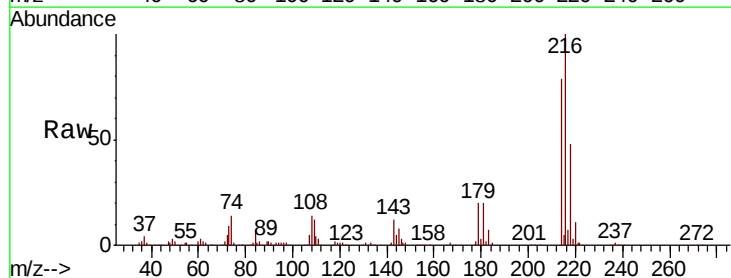


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

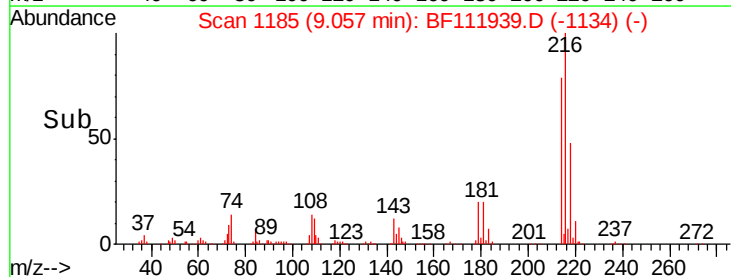
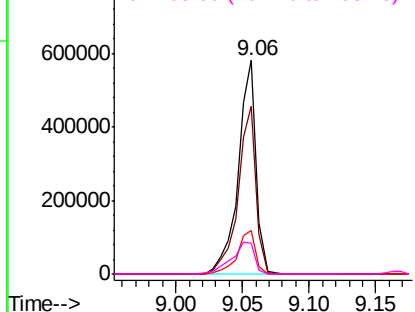


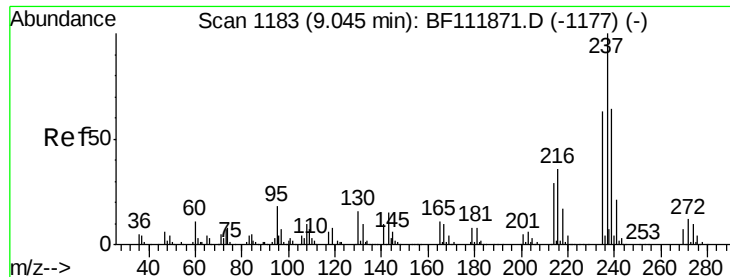
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.513 ng  
RT: 9.06 min Scan# 1185  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion:216 Resp: 542291  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.5 95.3  
179 20.6 17.0 25.6  
108 19.6 14.6 22.0



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.436 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

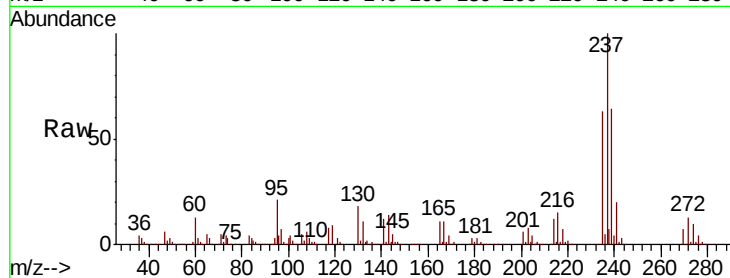
Tot Ion:237 Resp: 660416

Ion Ratio Lower Upper

237 100

235 62.7 42.6 82.6

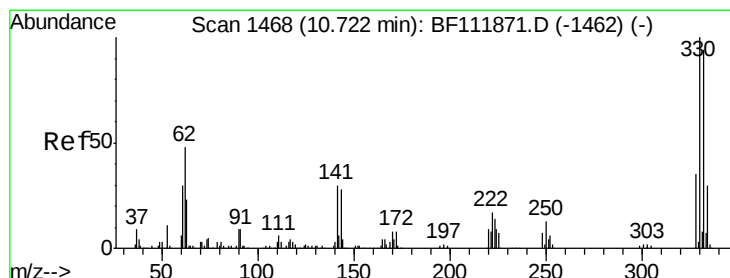
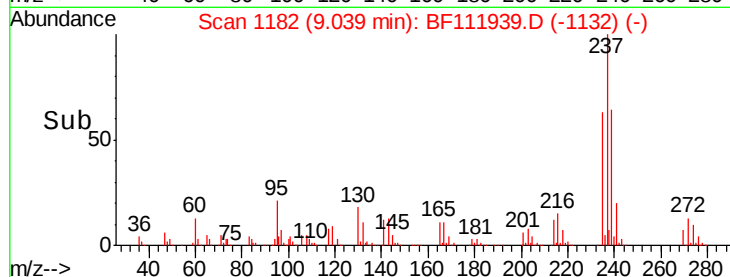
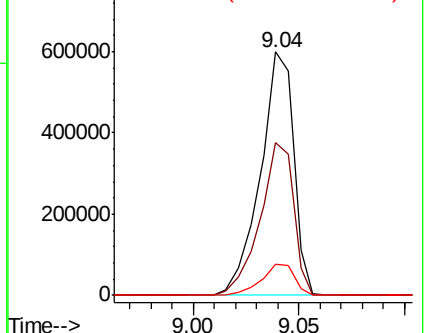
272 12.6 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.762 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

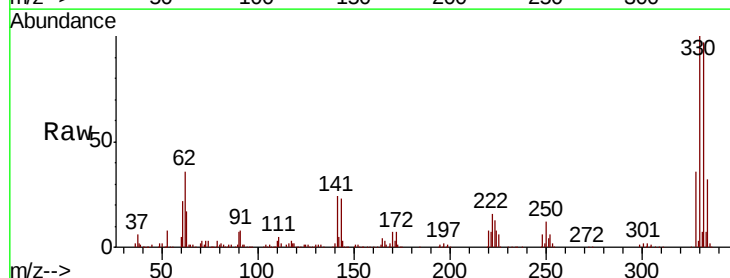
Tgt Ion:330 Resp: 622306

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

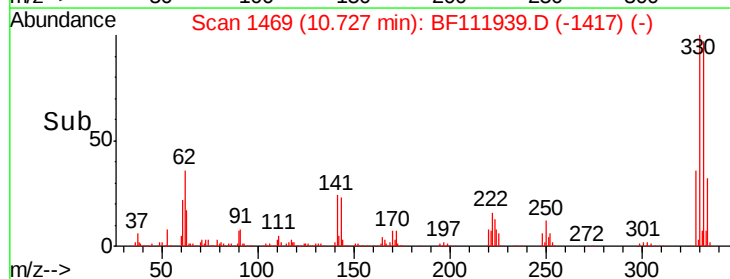
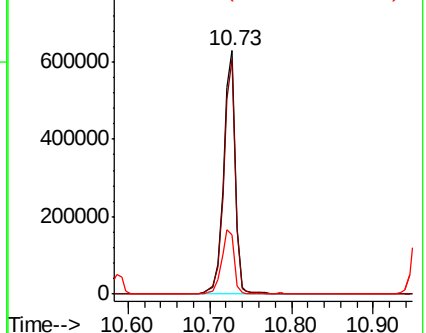
141 28.5 23.7 35.5

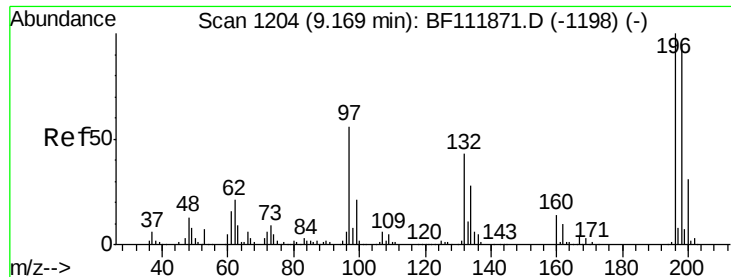


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

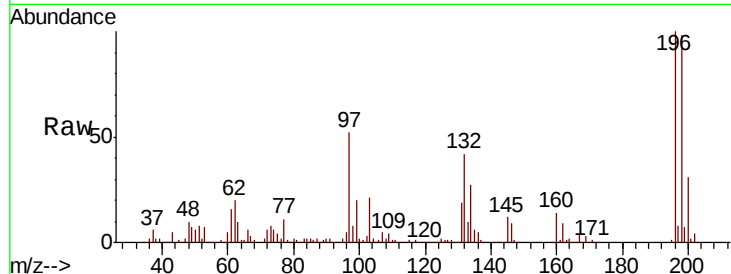




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.977 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.6  | 75.8  | 113.8 |
| 200     | 31.1  | 24.5  | 36.7  |

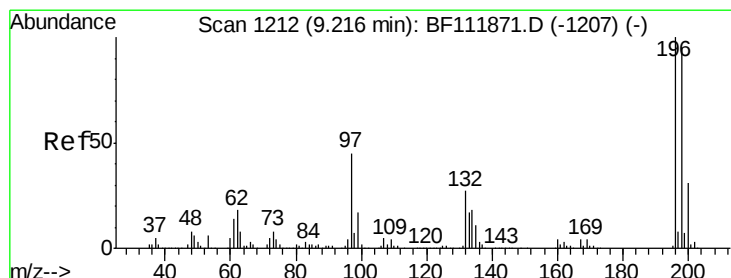
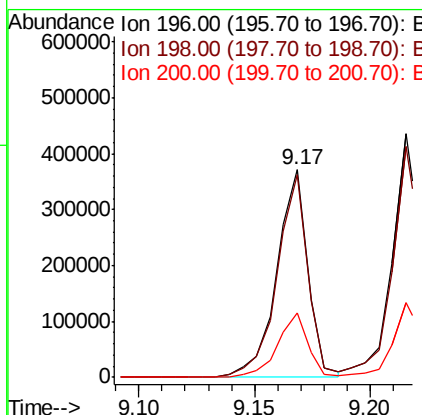
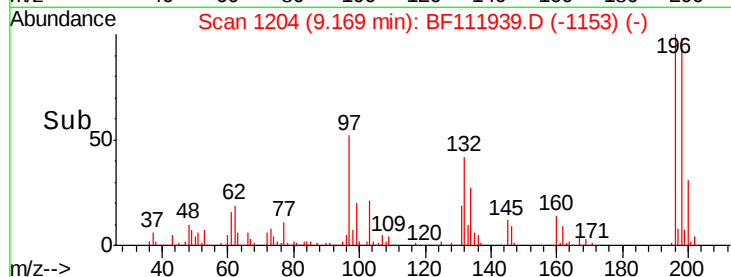


Abundance

Ion 196.00 (195.70 to 196.70): E

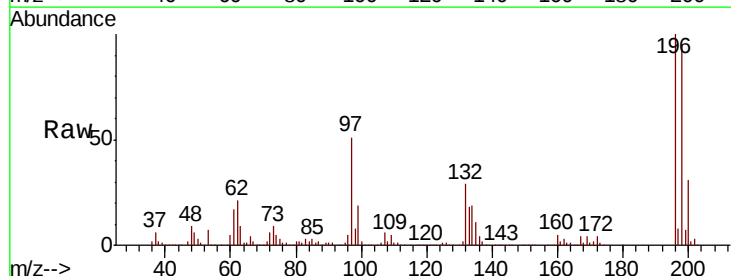
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.503 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.8  | 76.2  | 114.2 |
| 97      | 50.8  | 36.4  | 54.6  |
| 132     | 28.6  | 21.7  | 32.5  |



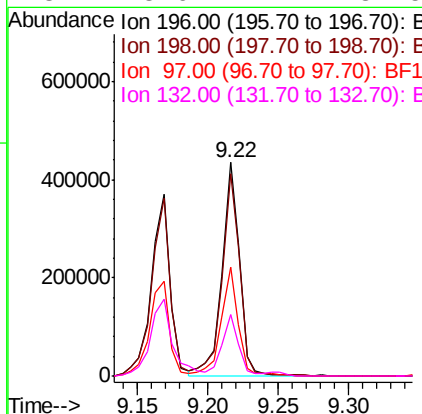
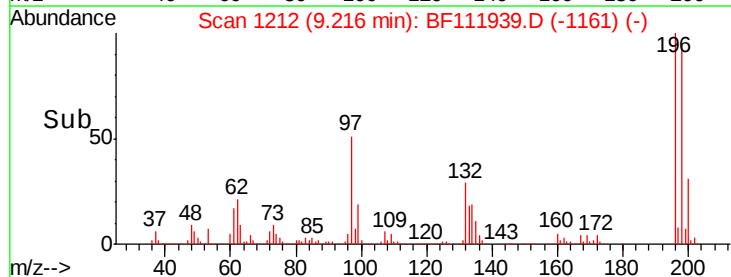
Abundance

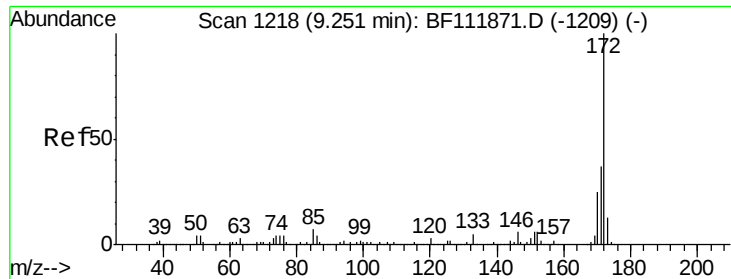
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



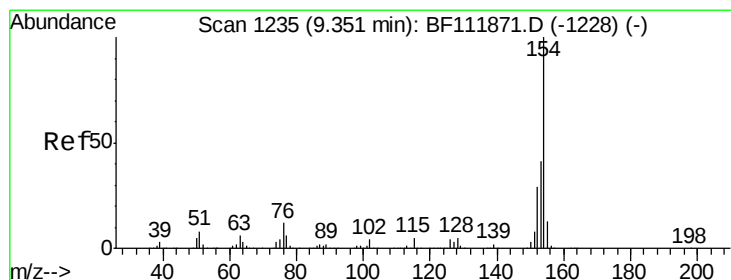
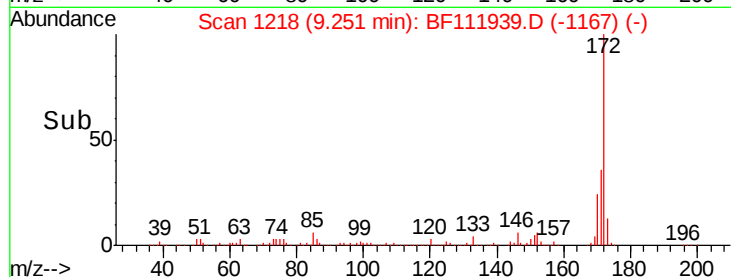
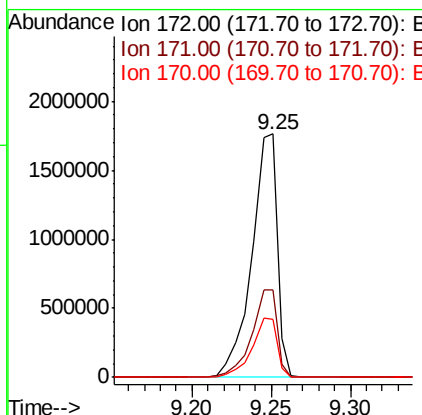
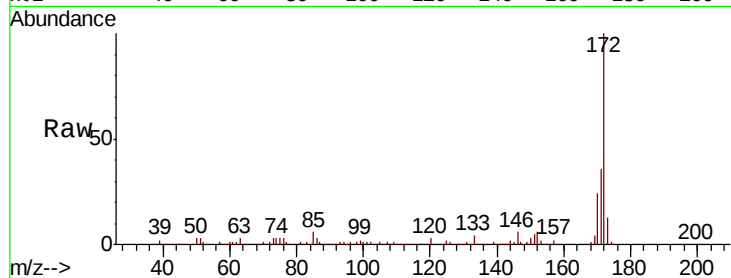


#45  
 2-Fluorobiphenyl  
 Concen: 70.620 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:172 Resp: 1984420  

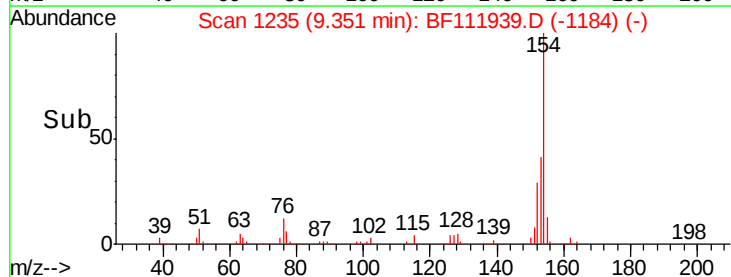
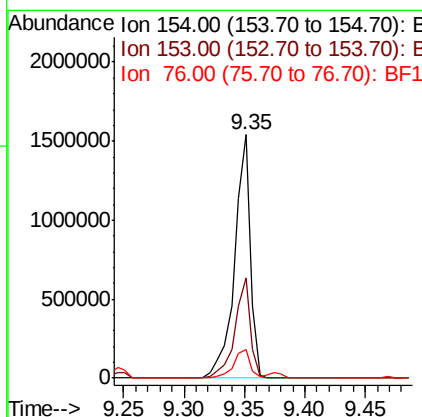
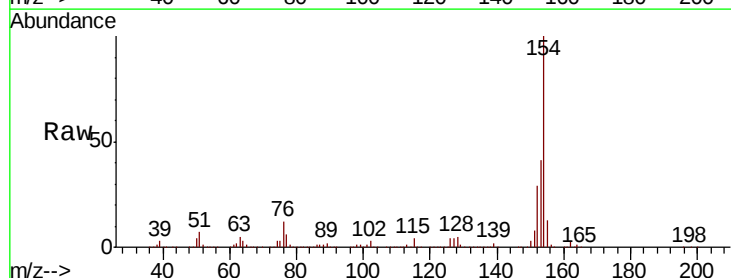
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.9  | 29.6  | 44.4  |
| 170 | 23.9  | 19.8  | 29.8  |

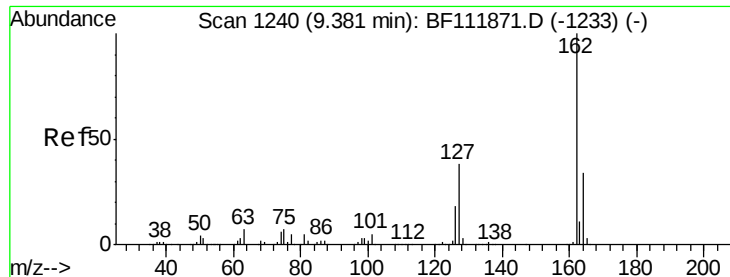


#46  
 1,1'-Biphenyl  
 Concen: 40.833 ng  
 RT: 9.35 min Scan# 1235  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Tgt Ion:154 Resp: 1399557  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.1  | 21.3  | 61.3  |
| 76  | 11.9  | 0.0   | 32.3  |

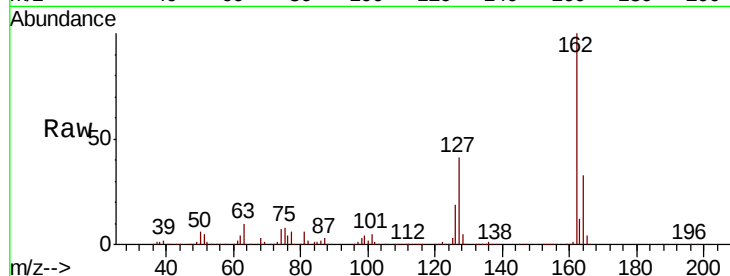




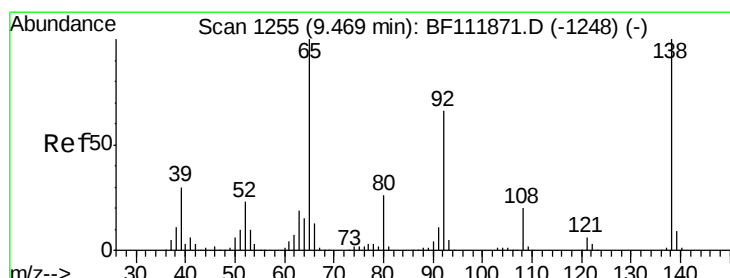
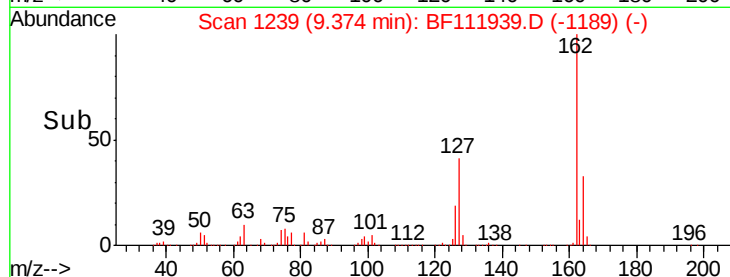
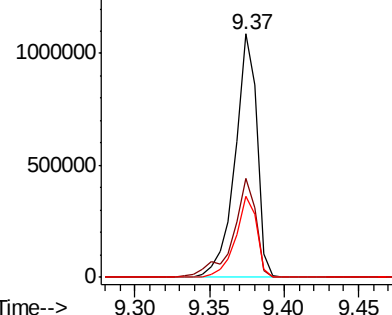
#47  
2-Chloronaphthalene  
Concen: 40.601 ng  
RT: 9.37 min Scan# 1239  
Delta R.T. -0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:162 Resp: 1092188  
Ion Ratio Lower Upper  
162 100  
127 40.8 31.2 46.8  
164 33.1 27.0 40.6

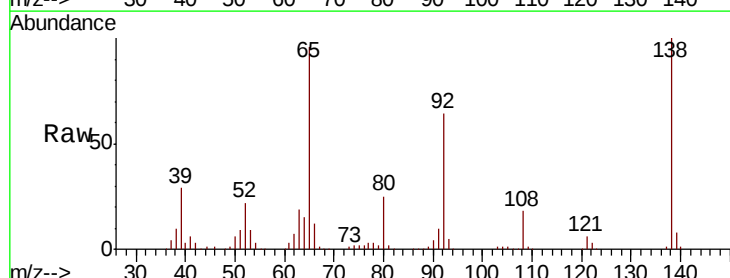


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

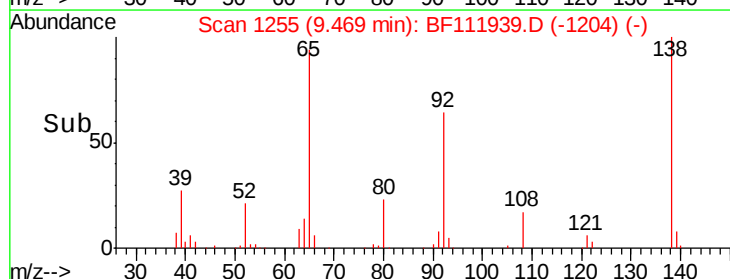
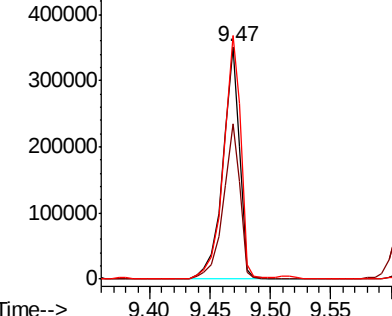


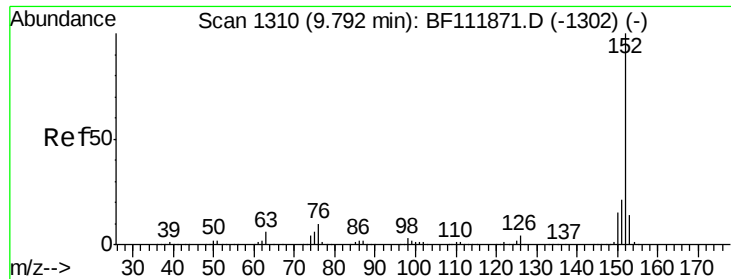
#48  
2-Nitroaniline  
Concen: 41.176 ng  
RT: 9.47 min Scan# 1255  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion: 65 Resp: 338650  
Ion Ratio Lower Upper  
65 100  
92 66.6 52.5 78.7  
138 104.7 79.8 119.6



Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.419 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

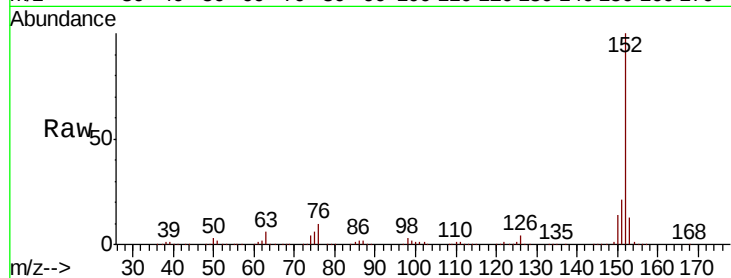
Tot Ion:152 Resp: 1726795

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0

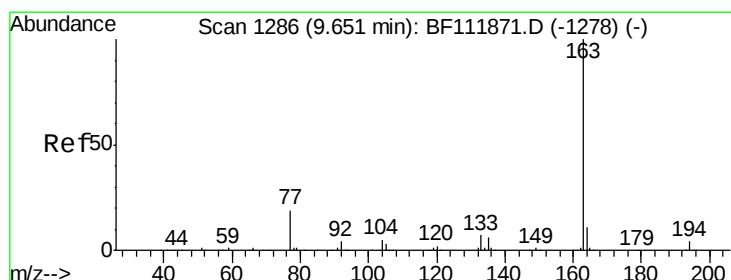
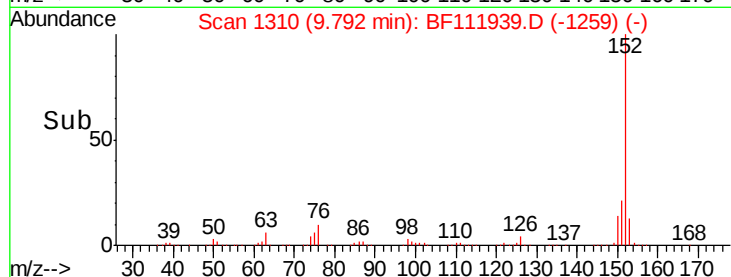
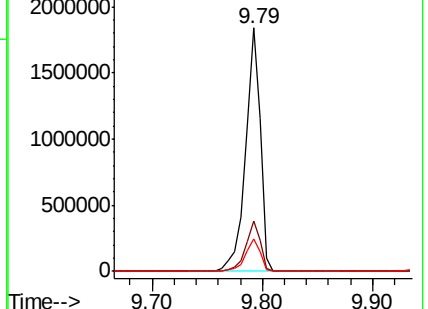
153 13.4 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.449 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

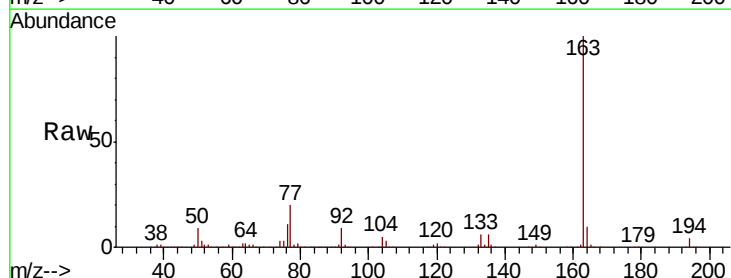
Tgt Ion:163 Resp: 1183500

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

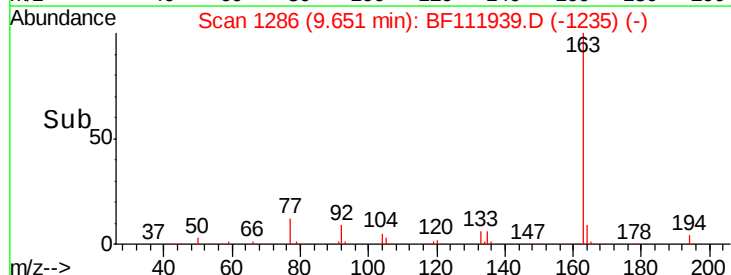
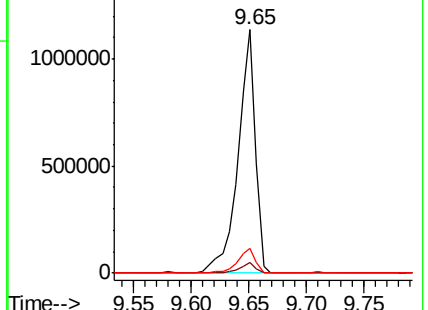
164 10.1 8.5 12.7

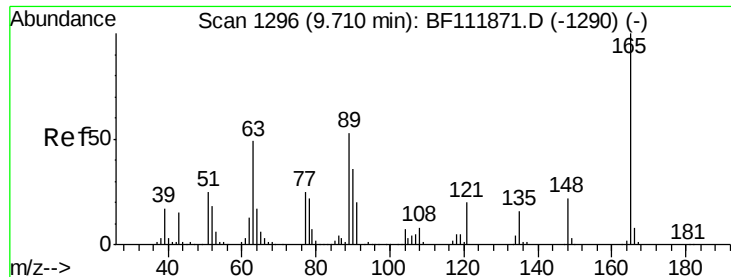


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

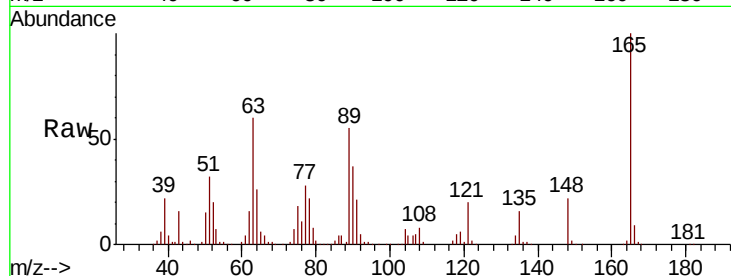




#51  
 2,6-Dinitrotoluene  
 Concen: 38.654 ng  
 RT: 9.71 min Scan# 1296  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 59.8  | 46.2  | 69.2  |
| 89      | 55.1  | 42.2  | 63.2  |

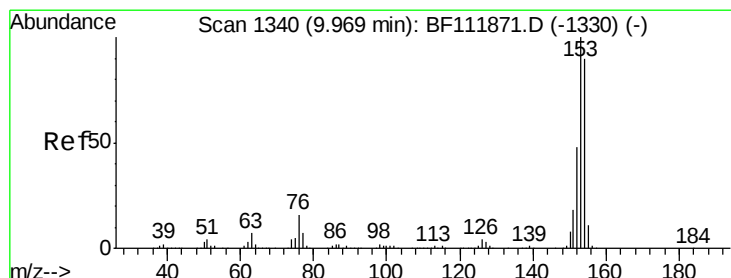
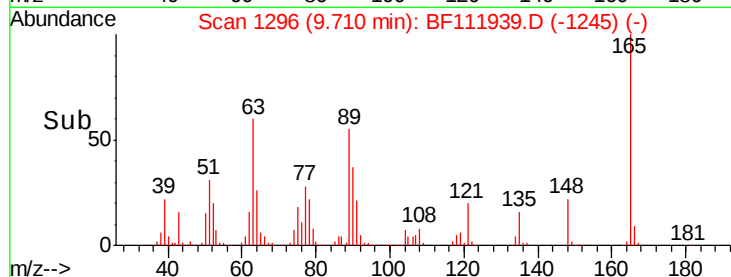
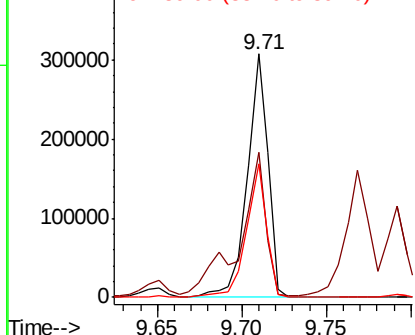


Abundance

Ion 165.00 (164.70 to 165.70): E

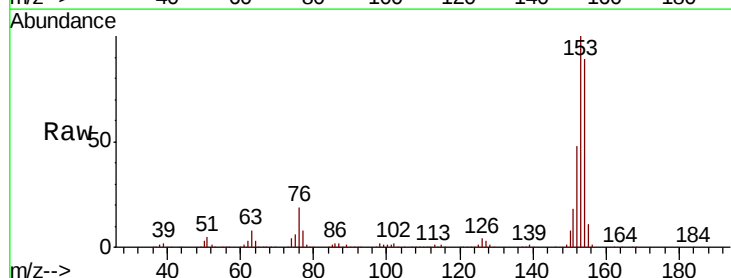
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52  
 Acenaphthene  
 Concen: 38.859 ng  
 RT: 9.96 min Scan# 1339  
 Delta R.T. -0.01 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.4 | 89.4  | 134.0 |
| 152     | 53.7  | 43.1  | 64.7  |

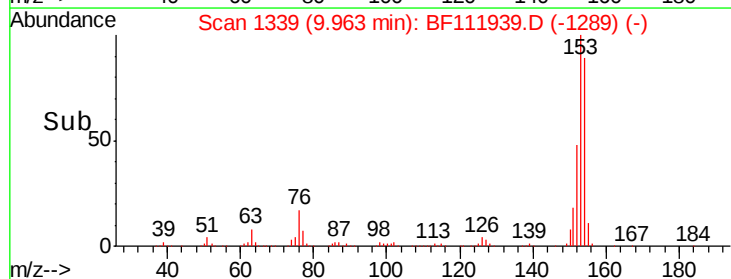
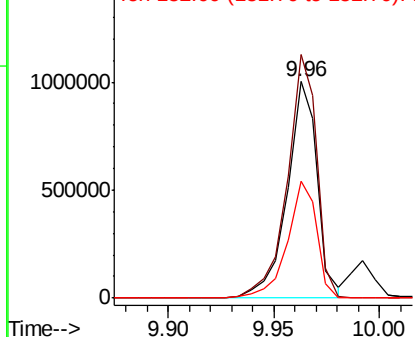


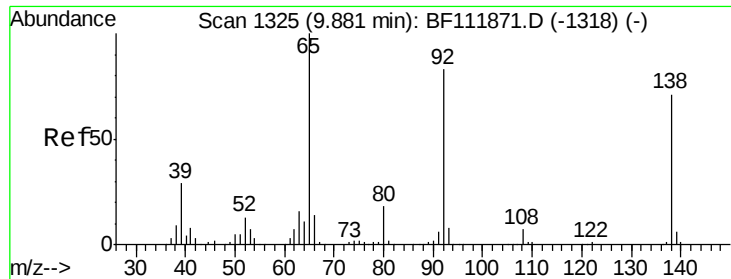
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

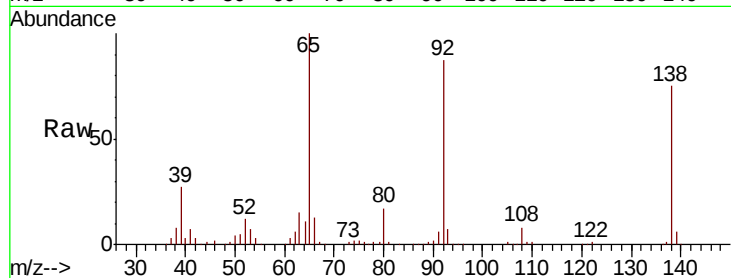




#53  
 3-Nitroaniline  
 Concen: 31.966 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 8.2   | 12.4  |
| 92      | 116.2 | 93.5  | 140.3 |

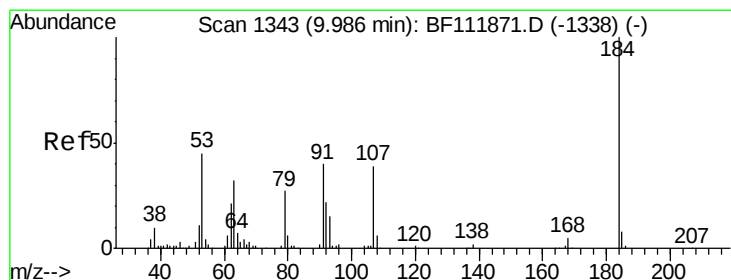
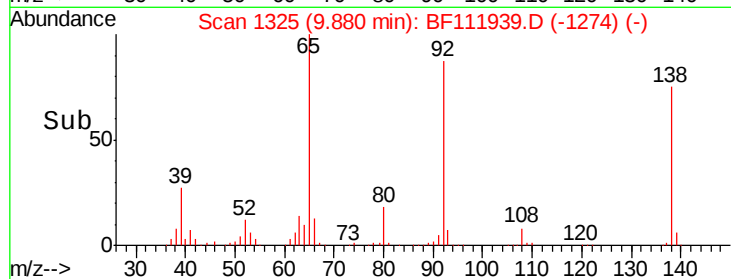
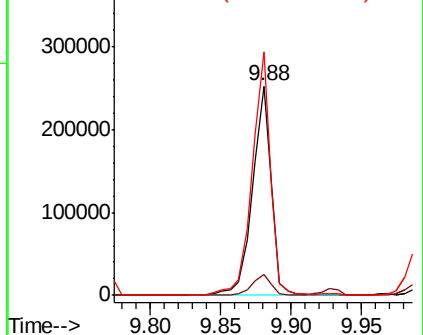


Abundance

Ion 138.00 (137.70 to 138.70): E

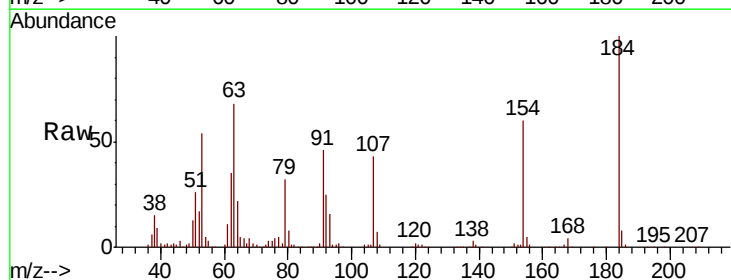
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
 2,4-Dinitrophenol  
 Concen: 94.441 ng  
 RT: 9.99 min Scan# 1344  
 Delta R.T. 0.01 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 68.3  | 46.9  | 70.3  |
| 154     | 60.0  | 46.9  | 70.3  |

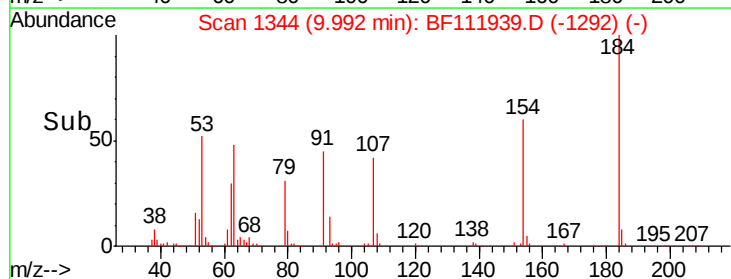
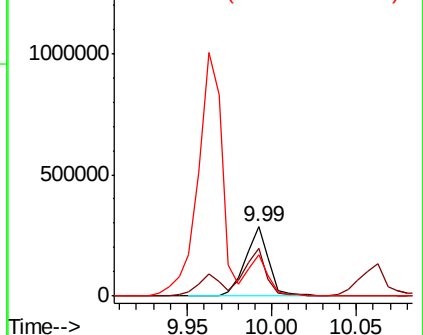


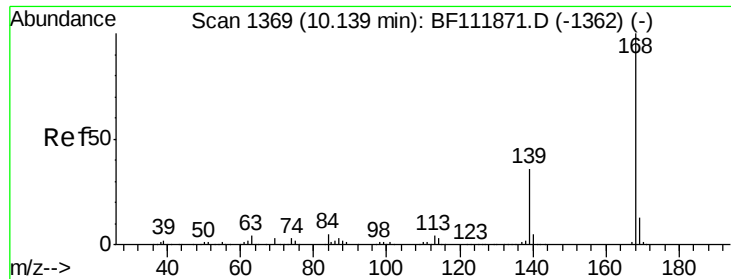
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.389 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

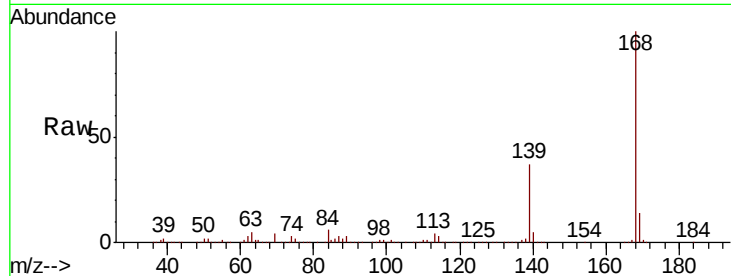
Tot Ion:168 Resp: 1505982

Ion Ratio Lower Upper

168 100

139 36.6 29.3 43.9

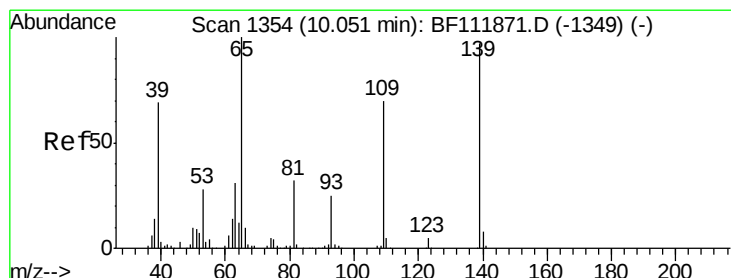
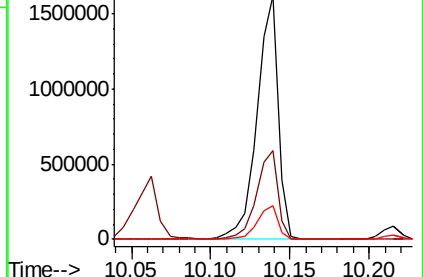
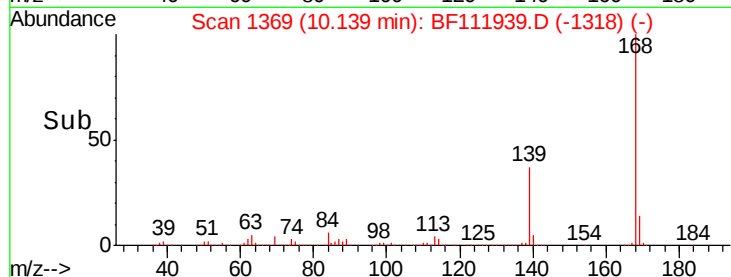
169 13.6 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.580 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

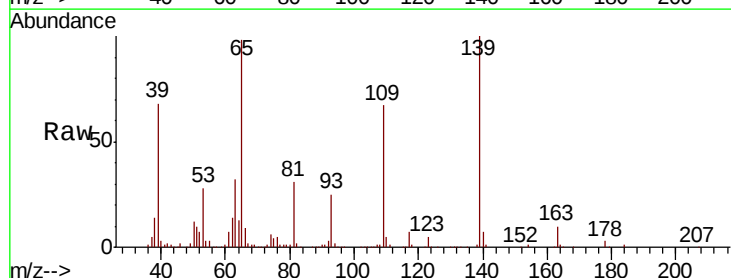
Tgt Ion:139 Resp: 419698

Ion Ratio Lower Upper

139 100

109 67.2 52.2 92.2

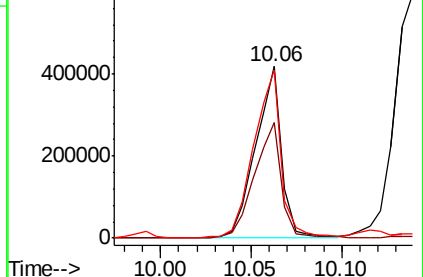
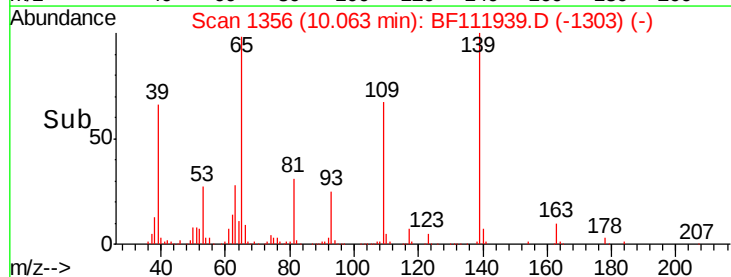
65 98.1 83.1 123.1

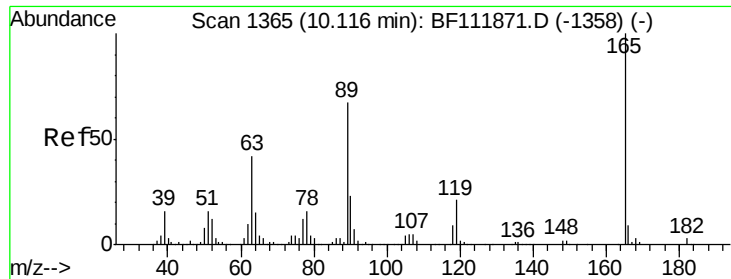


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

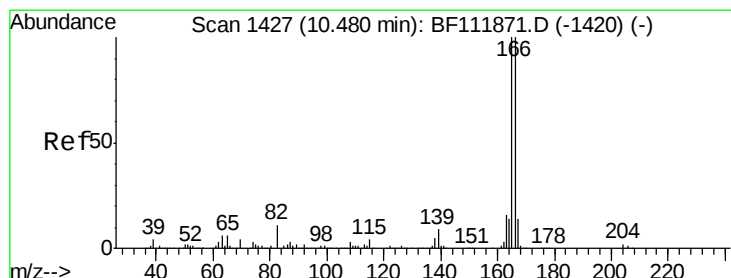
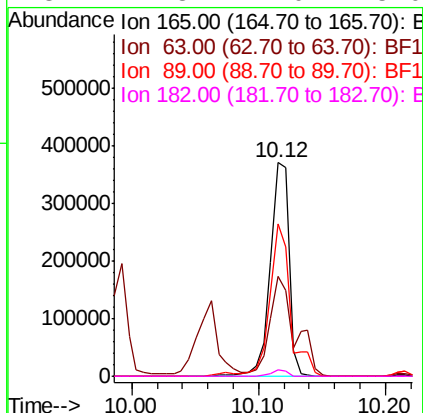
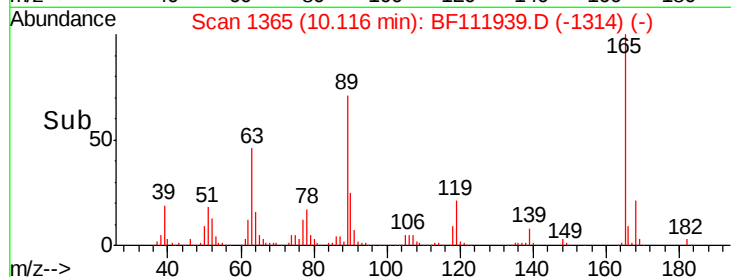
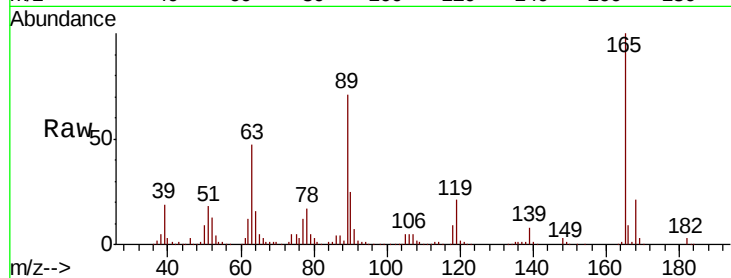




#57  
2,4-Dinitrotoluene  
Concen: 42.673 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

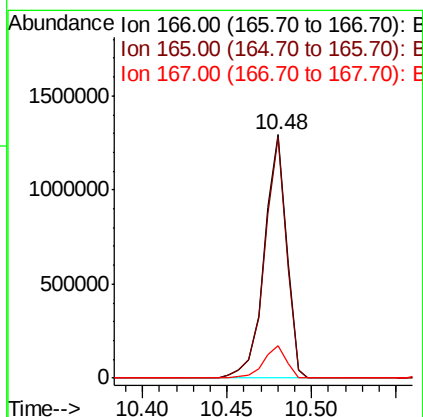
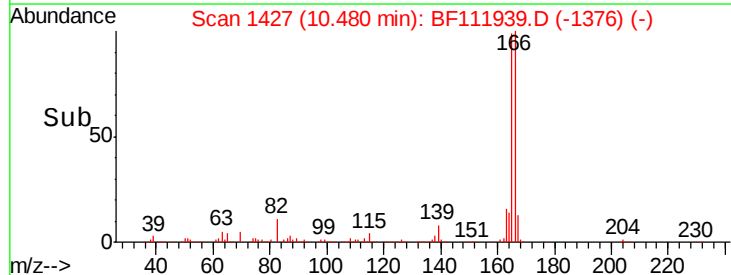
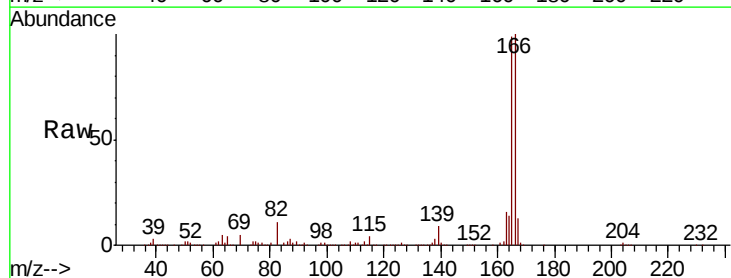
Instrument :  
BNA\_F  
ClientSampleId :

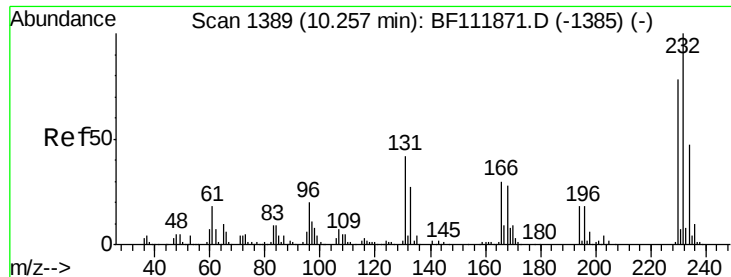
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 46.6  | 34.1  | 51.1  |
| 89      | 71.1  | 53.5  | 80.3  |
| 182     | 2.8   | 2.0   | 3.0   |



#58  
Fluorene  
Concen: 43.512 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.1  | 79.7  | 119.5 |
| 167     | 13.5  | 11.1  | 16.7  |

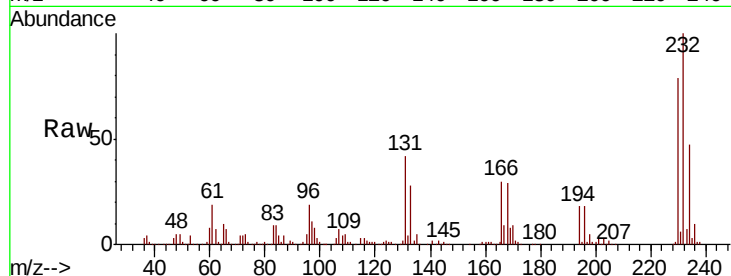




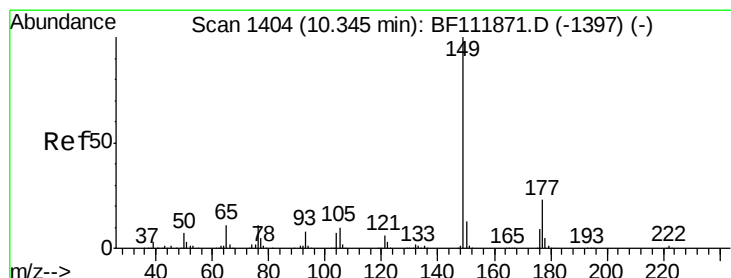
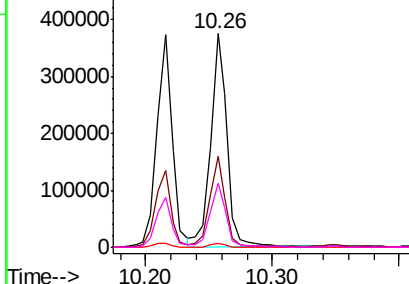
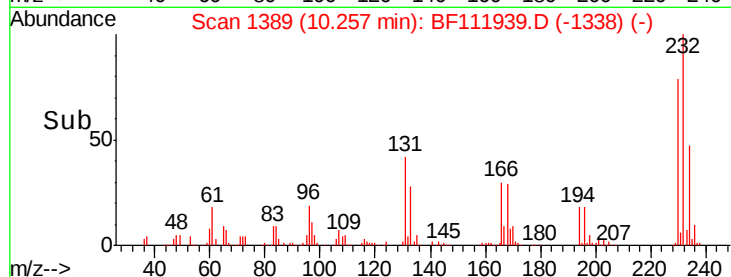
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.874 ng  
RT: 10.26 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:232 Resp: 343167  
Ion Ratio Lower Upper  
232 100  
131 40.4 34.0 51.0  
130 2.0 1.6 2.4  
166 28.3 23.4 35.0

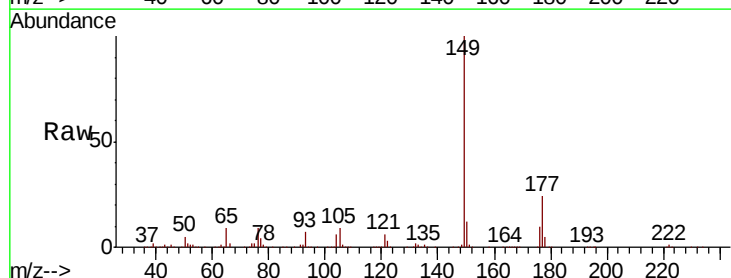


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

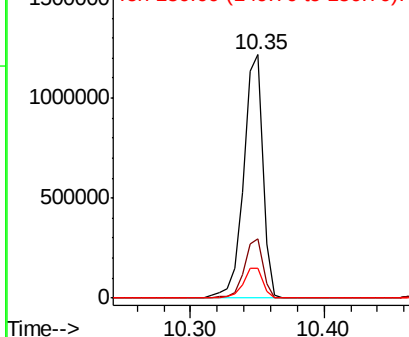
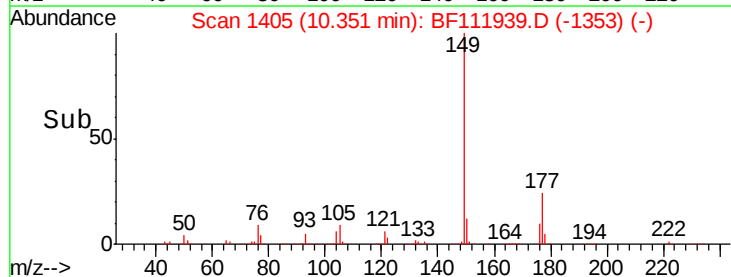


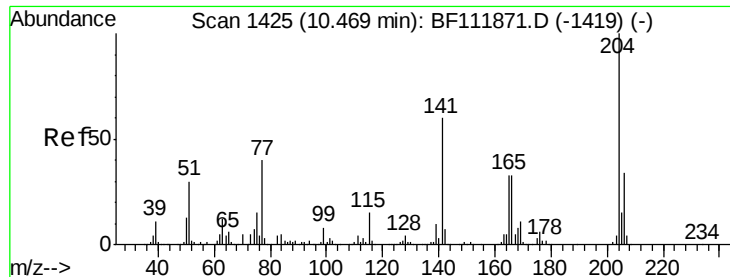
#60  
Diethylphthalate  
Concen: 40.414 ng  
RT: 10.35 min Scan# 1405  
Delta R.T. 0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion:149 Resp: 1203866  
Ion Ratio Lower Upper  
149 100  
177 24.2 18.3 27.5  
150 12.3 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

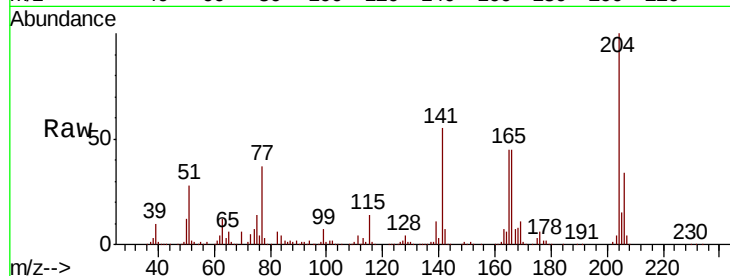




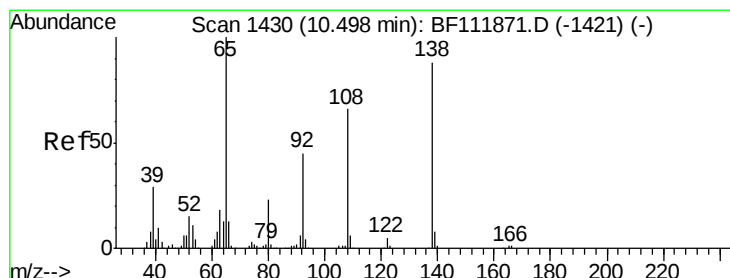
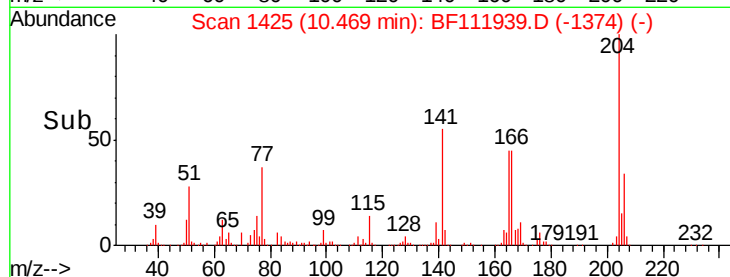
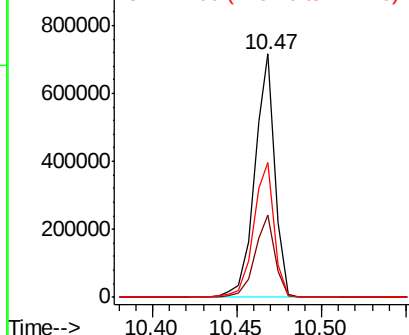
#61  
4-Chlorophenyl-phenylether  
Concen: 39.152 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:204 Resp: 595681  
Ion Ratio Lower Upper  
204 100  
206 33.9 26.9 40.3  
141 55.1 47.9 71.9

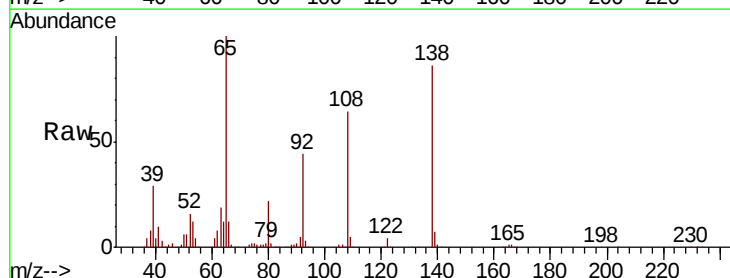


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

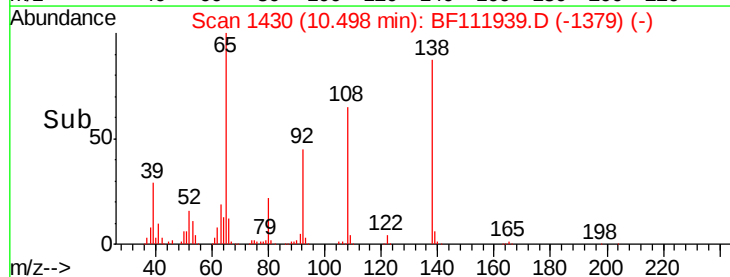
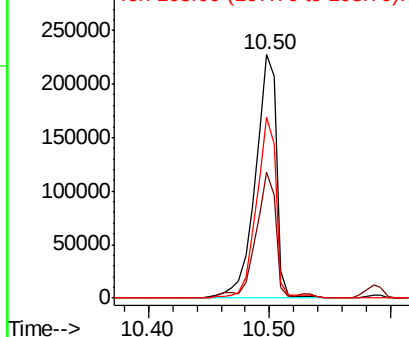


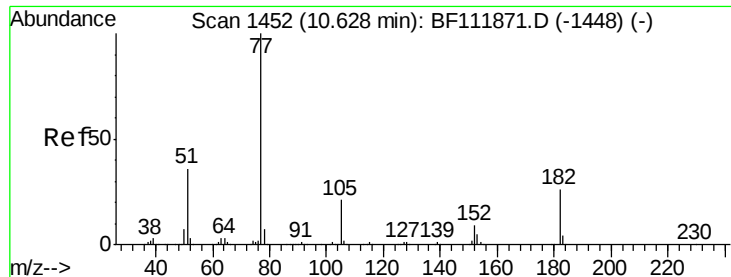
#62  
4-Nitroaniline  
Concen: 39.954 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion:138 Resp: 279352  
Ion Ratio Lower Upper  
138 100  
92 51.5 31.0 71.0  
108 74.5 54.7 94.7



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

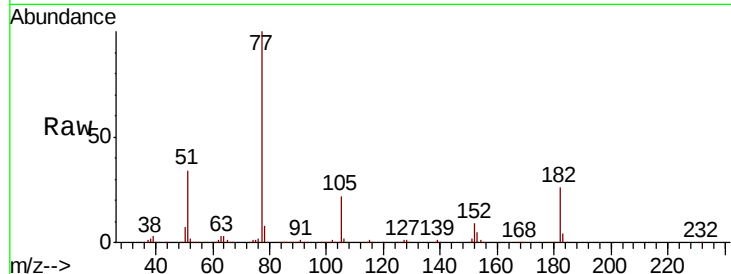




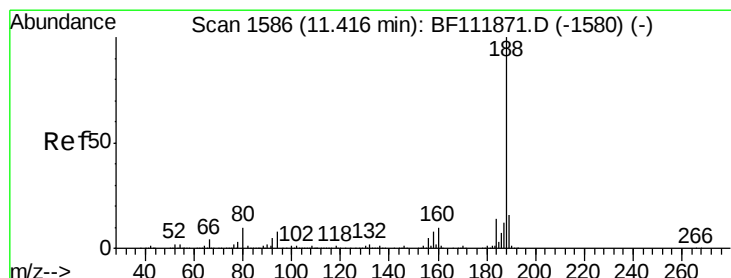
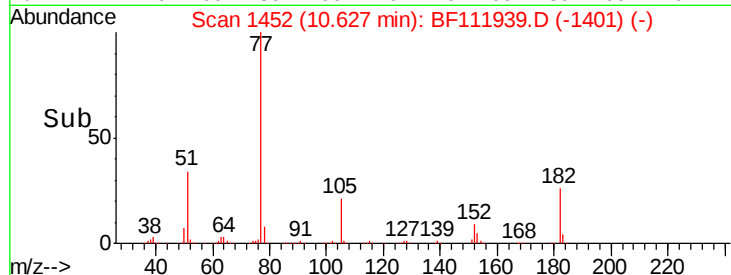
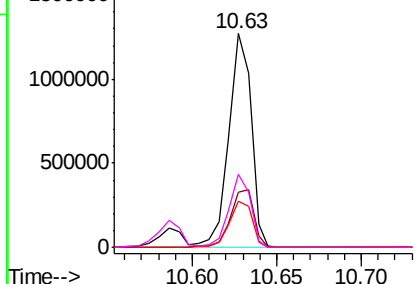
#63  
Azobenzene  
Concen: 40.969 ng  
RT: 10.63 min Scan# 1452  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 77 Resp: 1165835  
Ion Ratio Lower Upper  
77 100  
182 26.1 5.7 45.7  
105 21.6 0.8 40.8  
51 34.2 15.6 55.6

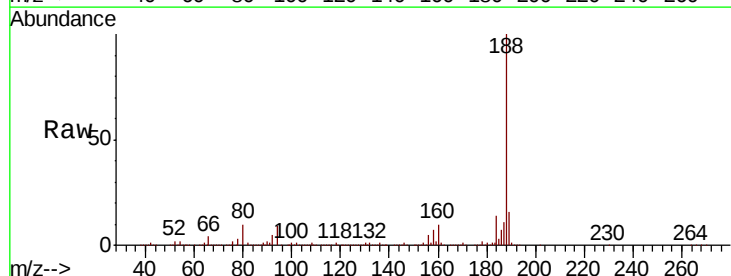


Abundance Ion 77.00 (76.70 to 77.70): BF1  
2000000 Ion 182.00 (181.70 to 182.70): E  
1500000 Ion 105.00 (104.70 to 105.70): E  
500000 Ion 51.00 (50.70 to 51.70): BF1  
0

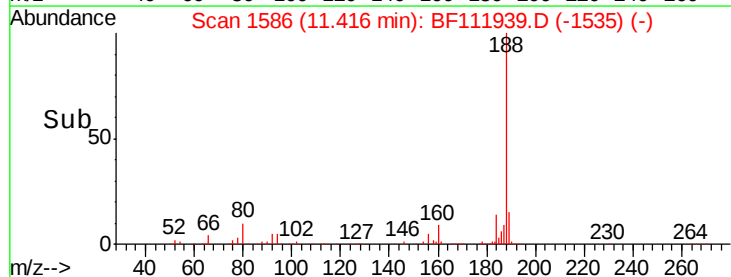
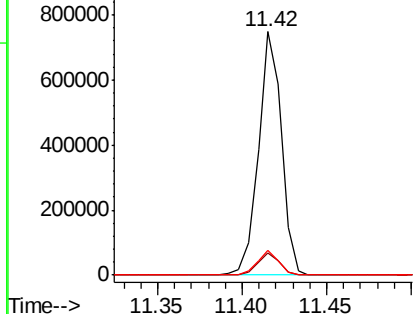


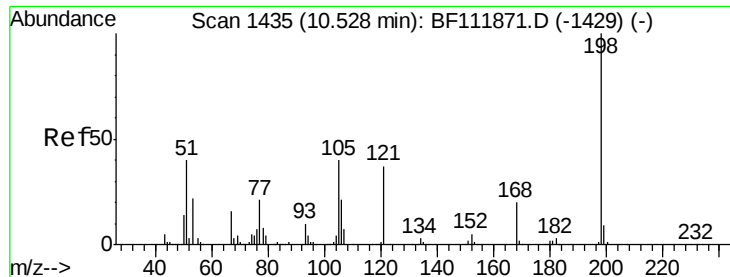
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion: 188 Resp: 710954  
Ion Ratio Lower Upper  
188 100  
94 9.1 6.6 10.0  
80 10.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E  
1000000 Ion 94.00 (93.70 to 94.70): BF1  
800000 Ion 80.00 (79.70 to 80.70): BF1  
600000  
400000  
200000  
0

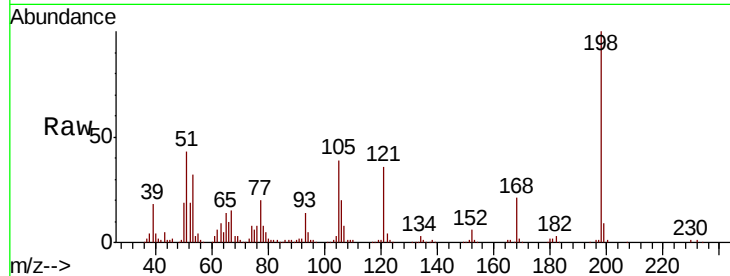




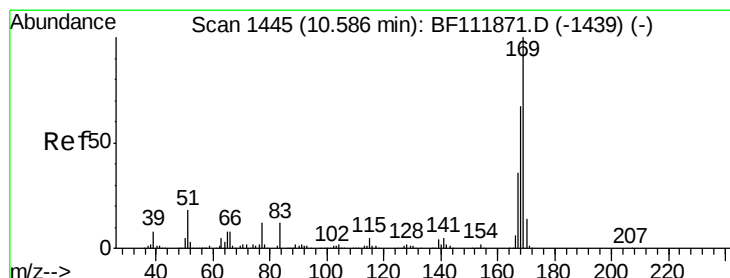
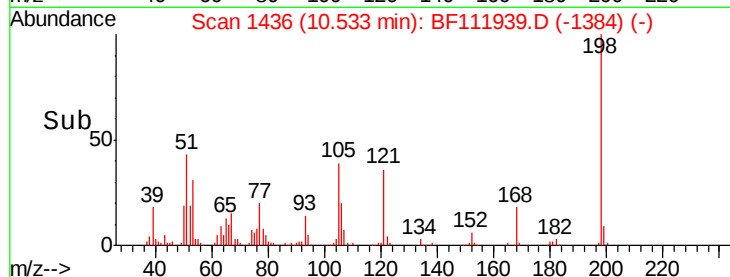
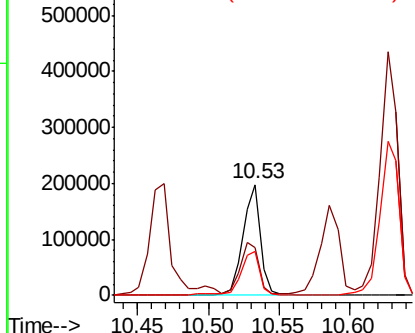
#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.145 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. 0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:198 Resp: 171720  
Ion Ratio Lower Upper  
198 100  
51 43.3 27.2 67.2  
105 39.3 21.0 61.0

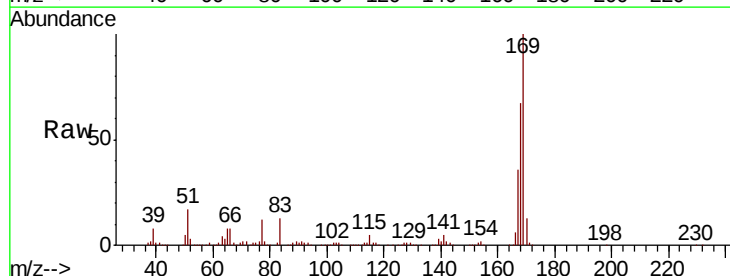


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

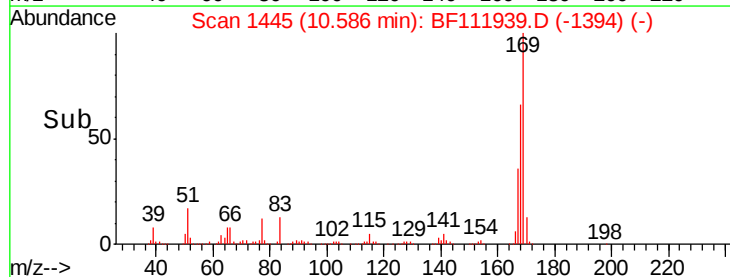
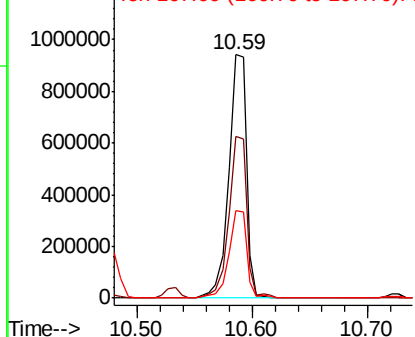


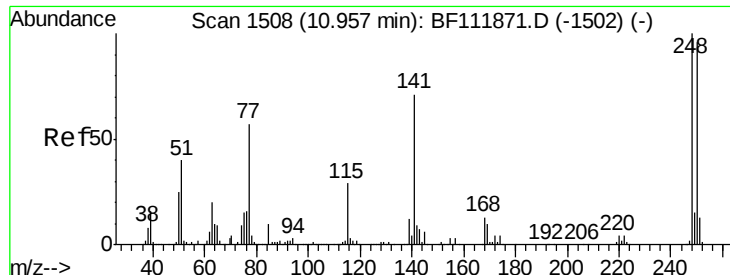
#66  
n-Nitrosodiphenylamine  
Concen: 41.785 ng  
RT: 10.59 min Scan# 1445  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion:169 Resp: 996913  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.8 80.6  
167 36.1 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

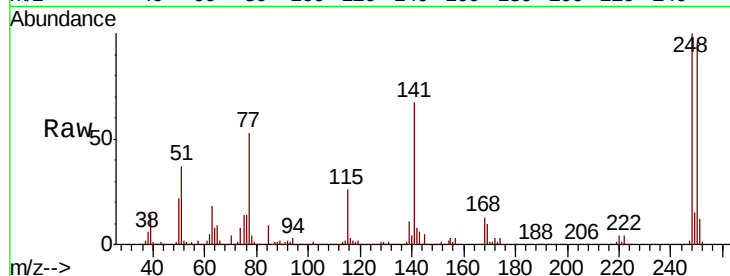




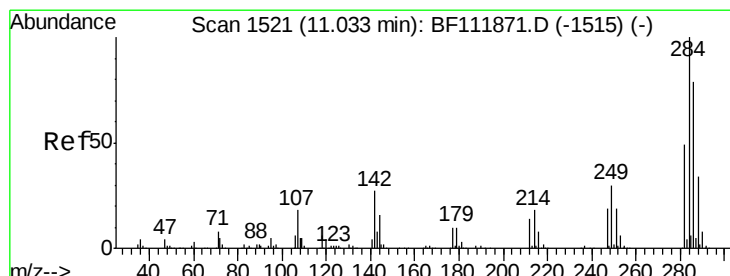
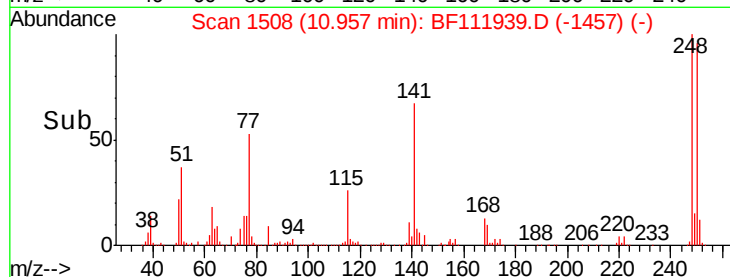
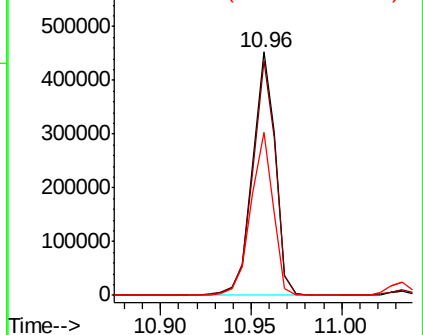
#67  
4-Bromophenyl-phenylether  
Concen: 42.852 ng  
RT: 10.96 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 394599  
Ion Ratio Lower Upper  
248 100  
250 96.3 76.8 115.2  
141 66.8 57.0 85.6

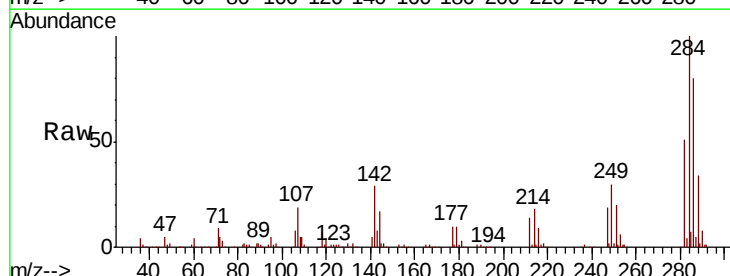


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

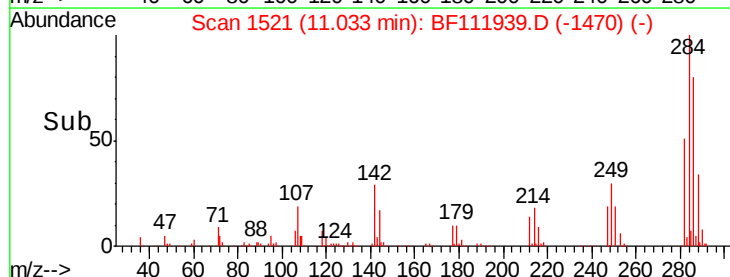
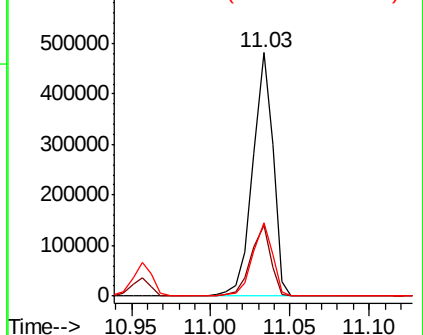


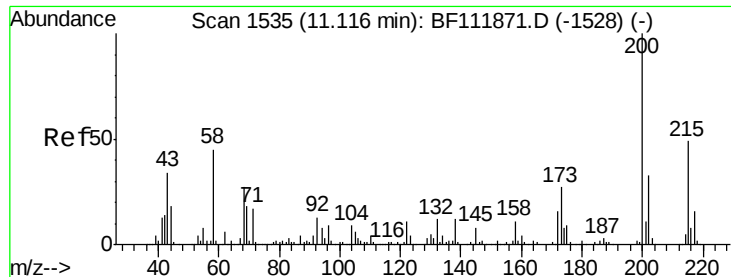
#68  
Hexachlorobenzene  
Concen: 42.111 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. -0.00 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion:284 Resp: 429759  
Ion Ratio Lower Upper  
284 100  
142 29.3 21.8 32.6  
249 30.1 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.847 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampled :

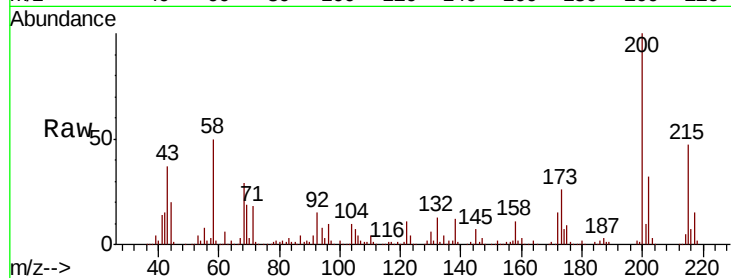
Tot Ion:200 Resp: 325634

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

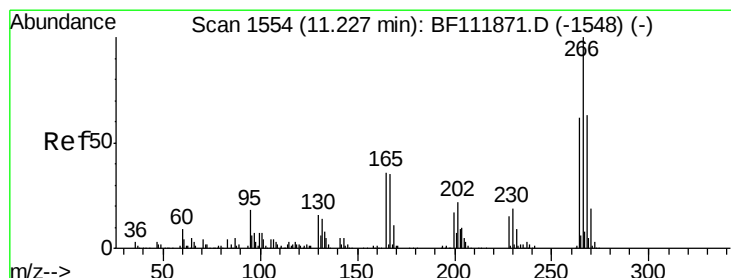
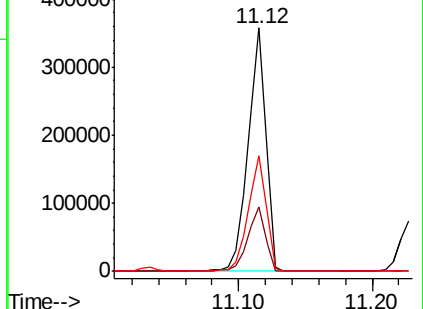
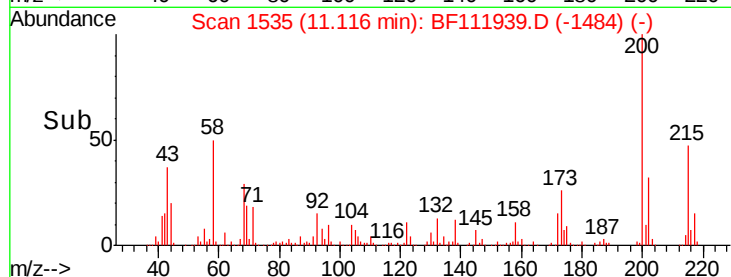
215 47.4 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.587 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

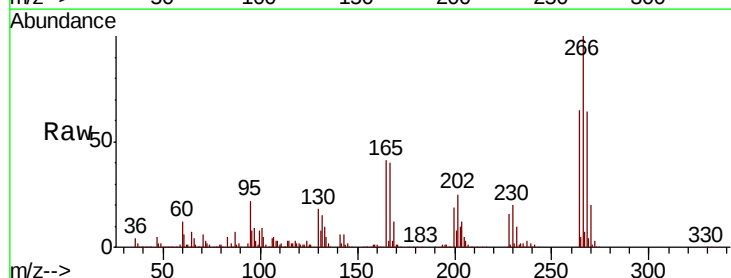
Tgt Ion:266 Resp: 415732

Ion Ratio Lower Upper

266 100

268 64.5 50.6 76.0

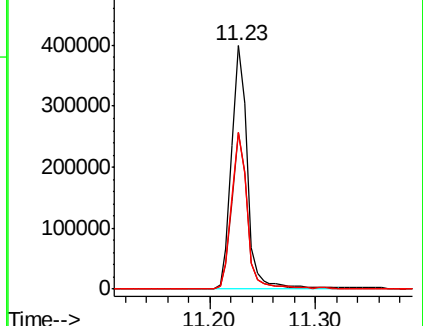
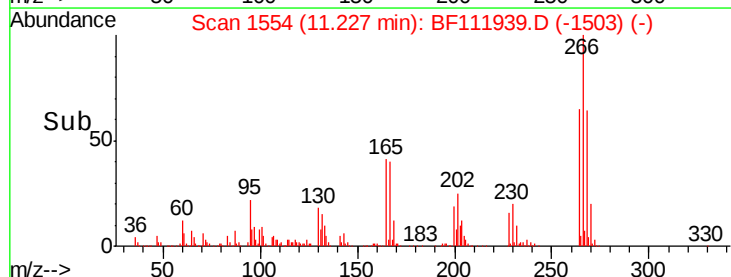
264 64.5 49.3 73.9

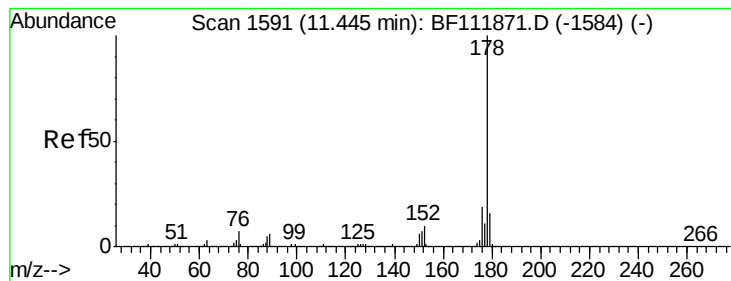


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.462 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

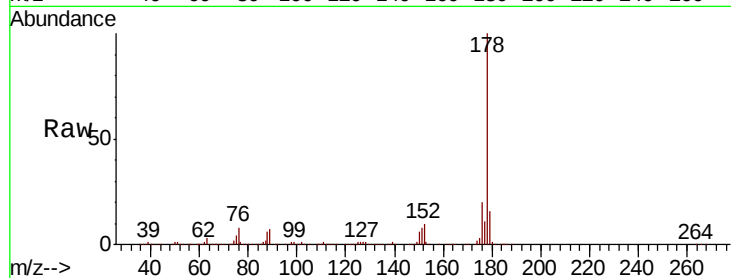
Tot Ion:178 Resp: 1614041

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

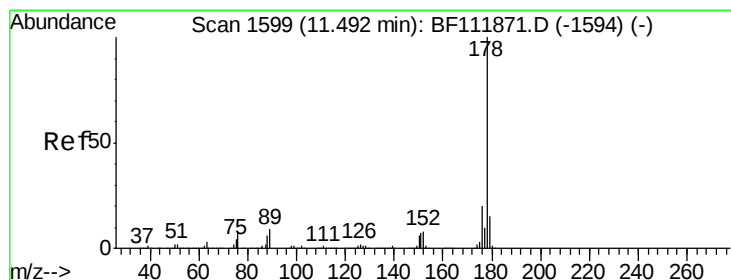
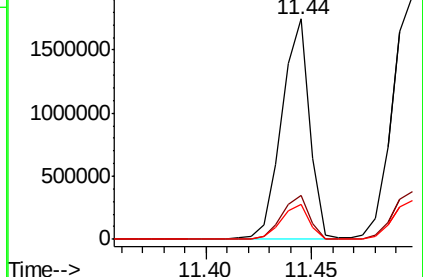
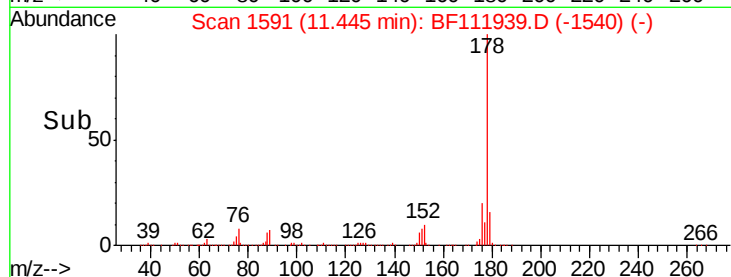
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.246 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

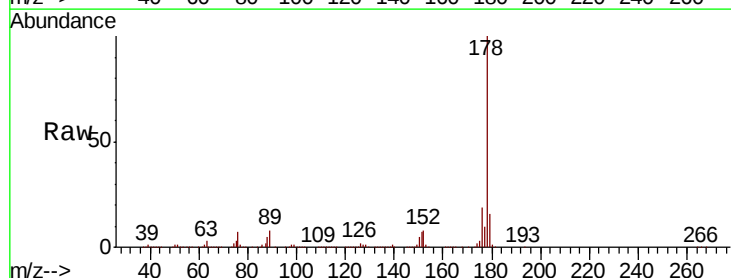
Tgt Ion:178 Resp: 1745891

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

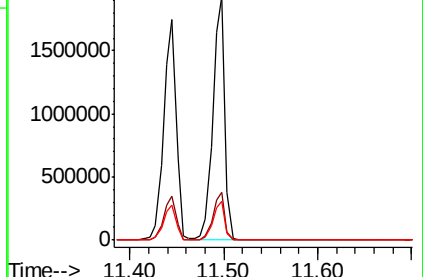
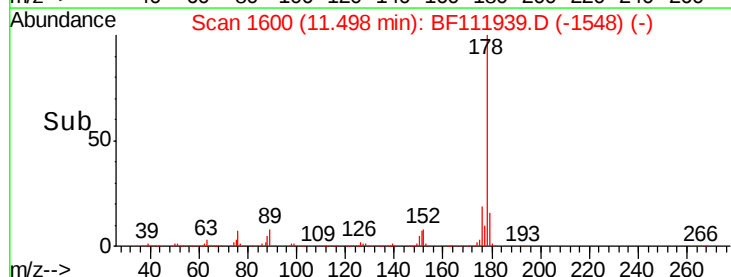
179 15.7 12.4 18.6

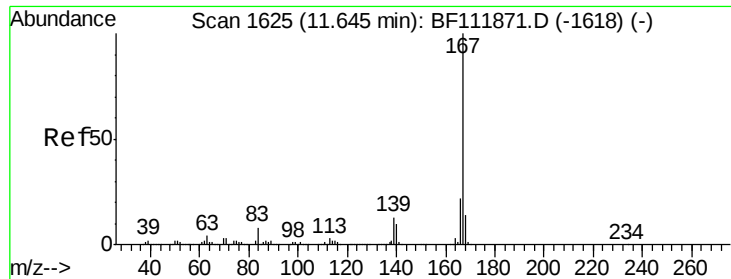


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



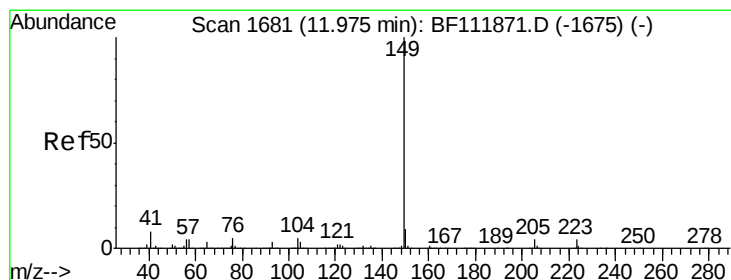
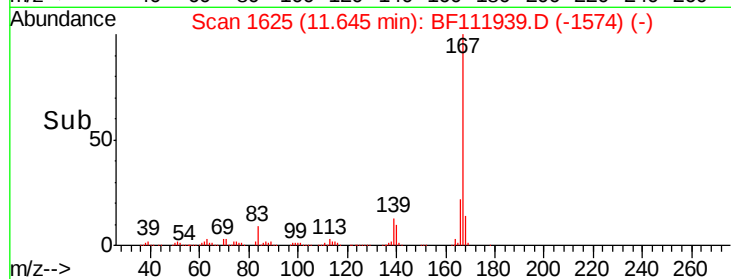
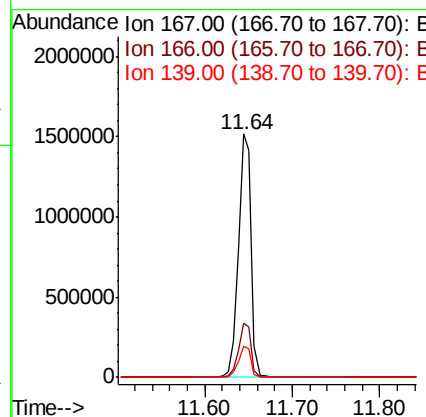
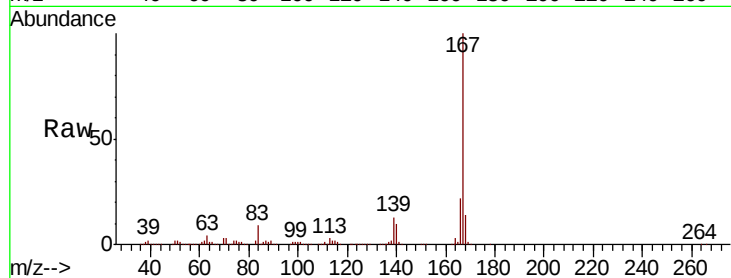


#73  
 Carbazole  
 Concen: 40.006 ng  
 RT: 11.64 min Scan# 1625  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 1501581  

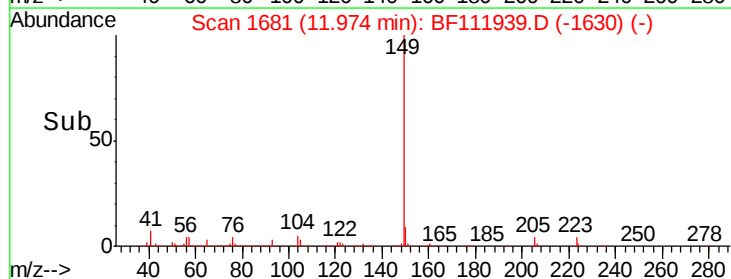
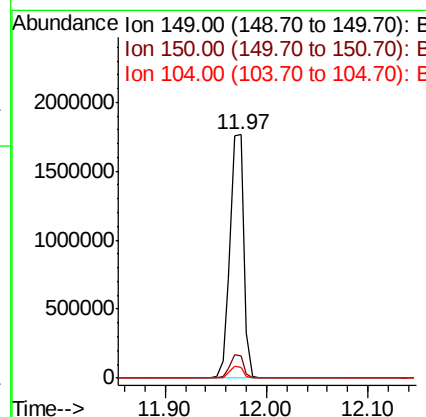
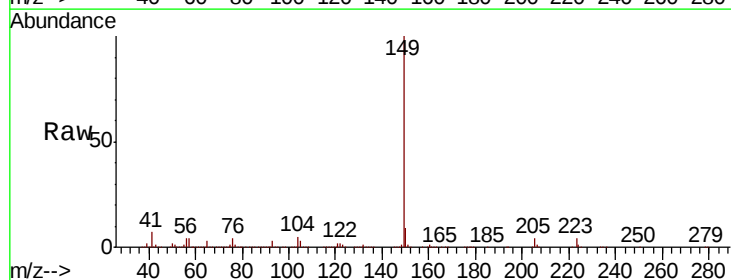
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.1  | 17.8  | 26.6  |
| 139 | 12.9  | 10.6  | 16.0  |

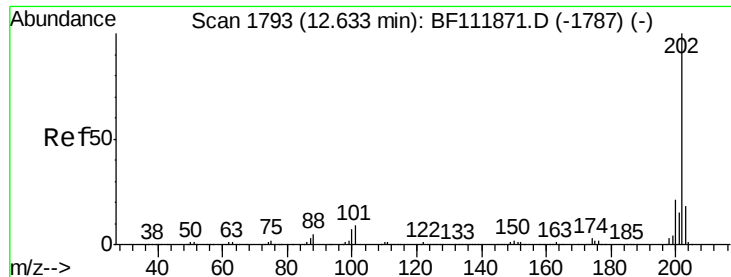


#74  
 Di-n-butylphthalate  
 Concen: 38.362 ng  
 RT: 11.97 min Scan# 1681  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Tgt Ion:149 Resp: 1672473  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.5   | 11.3  |
| 104 | 4.5   | 3.9   | 5.9   |

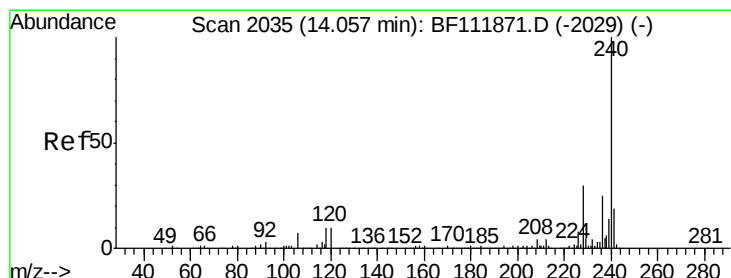
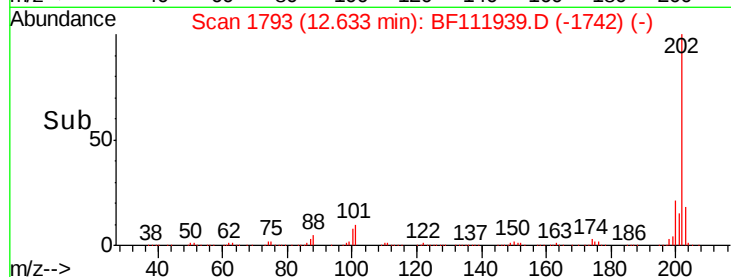
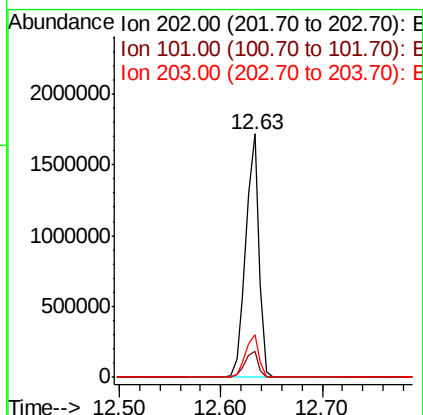
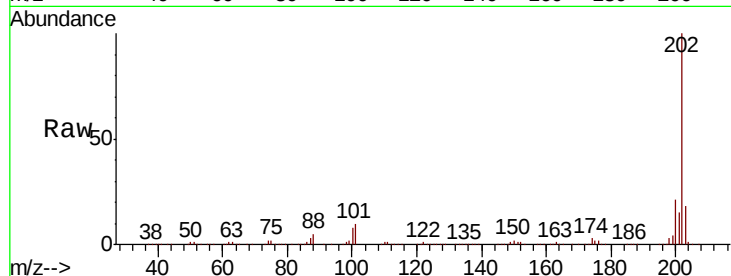




#75  
 Fluoranthene  
 Concen: 40.094 ng  
 RT: 12.63 min Scan# 1793  
 Delta R.T. -0.00 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

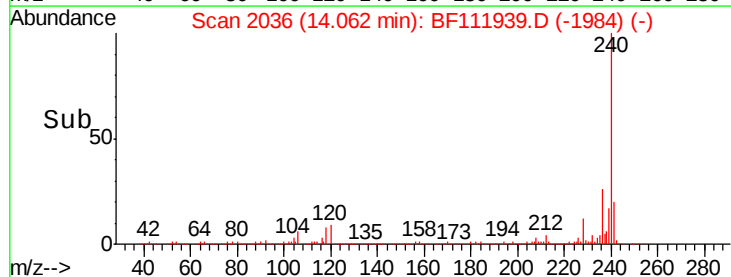
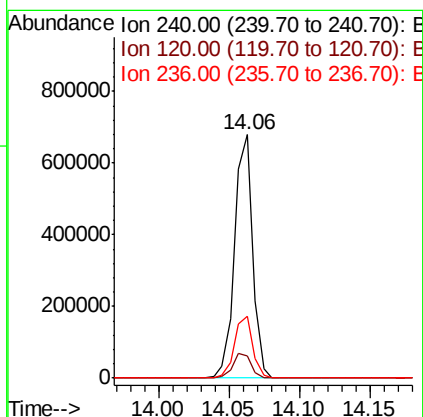
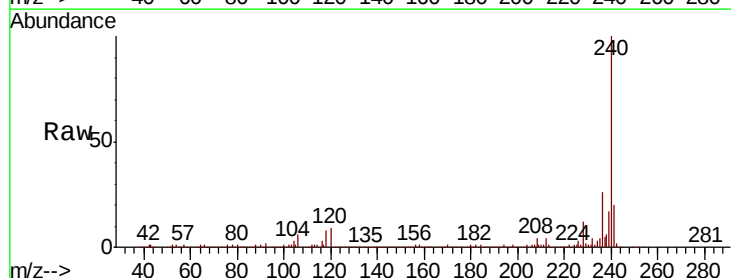
Instrument :  
 BNA\_F  
 ClientSampleId :

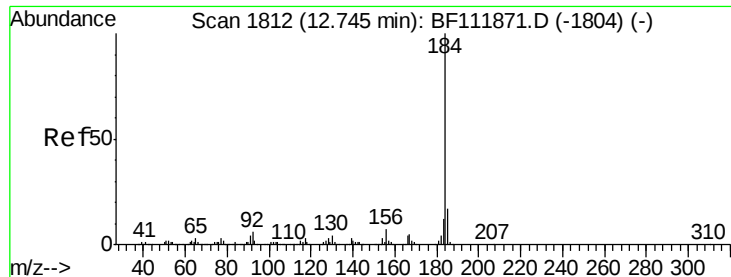
Tot Ion:202 Resp: 1564529  
 Ion Ratio Lower Upper  
 202 100  
 101 10.4 0.0 29.3  
 203 17.7 0.0 37.6



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.06 min Scan# 2036  
 Delta R.T. 0.01 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Tgt Ion:240 Resp: 604691  
 Ion Ratio Lower Upper  
 240 100  
 120 9.2 8.2 12.2  
 236 25.6 20.2 30.4





#77

Benzidine

Concen: 28.126 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

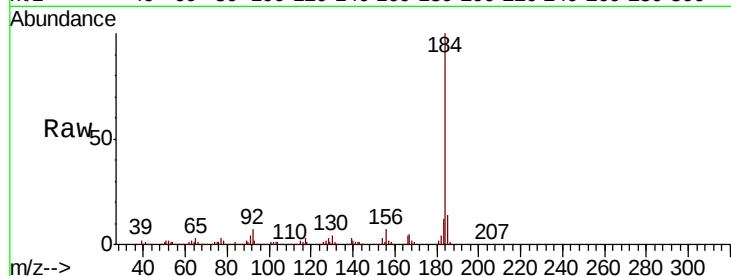
Tot Ion:184 Resp: 508185

Ion Ratio Lower Upper

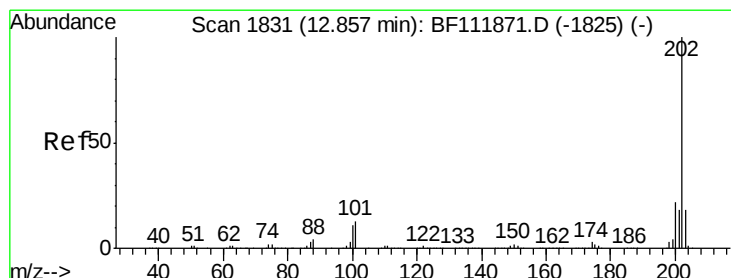
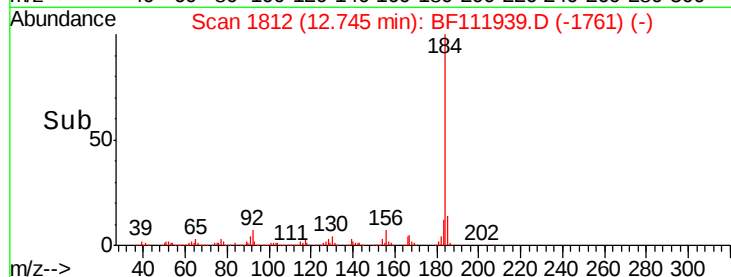
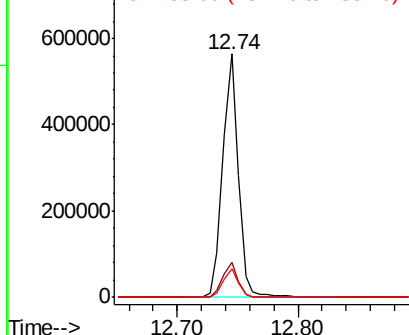
184 100

185 14.5 13.4 20.0

183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.026 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

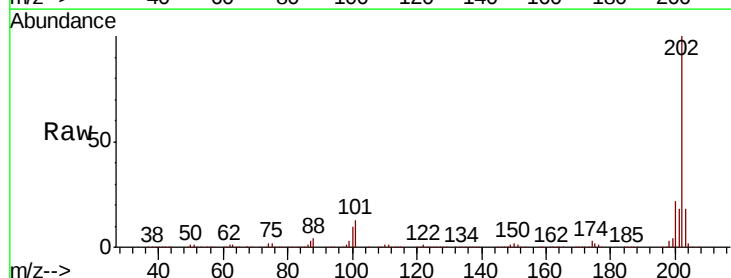
Tgt Ion:202 Resp: 1582114

Ion Ratio Lower Upper

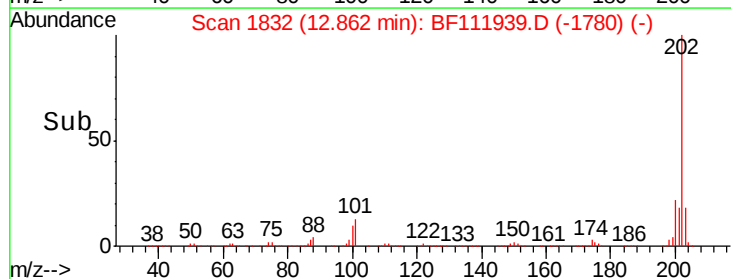
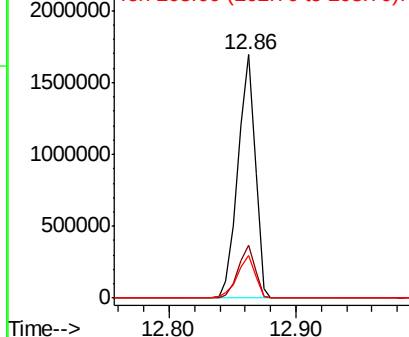
202 100

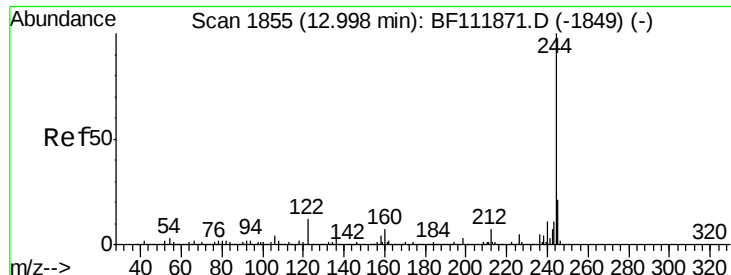
200 21.9 17.4 26.2

203 17.8 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.638 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

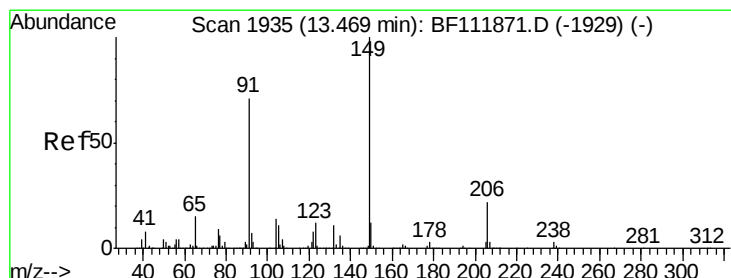
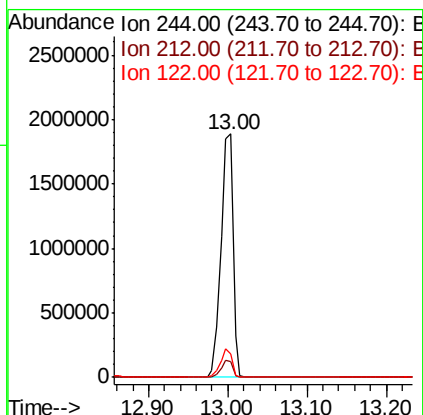
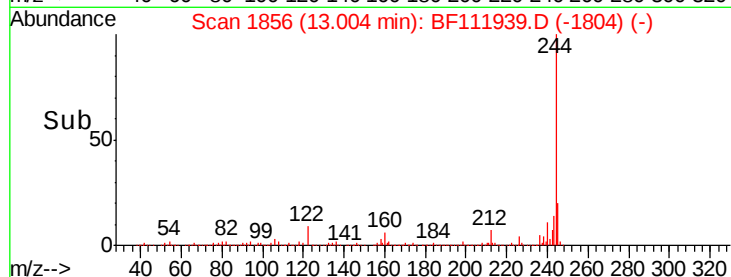
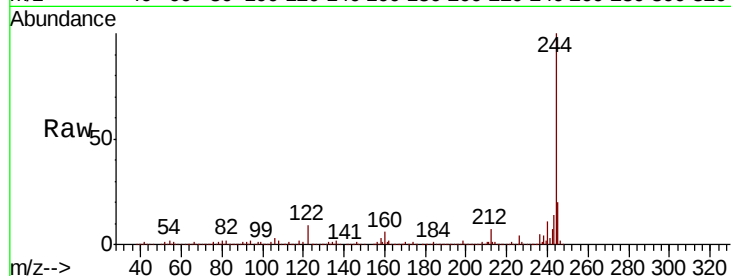
Tot Ion:244 Resp: 1995363

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.6   | 5.8   | 8.8   |
| 122 | 9.5   | 9.5   | 14.3  |

244 100

212 6.6 5.8 8.8

122 9.5 9.5 14.3



#80

Butylbenzylphthalate

Concen: 41.431 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

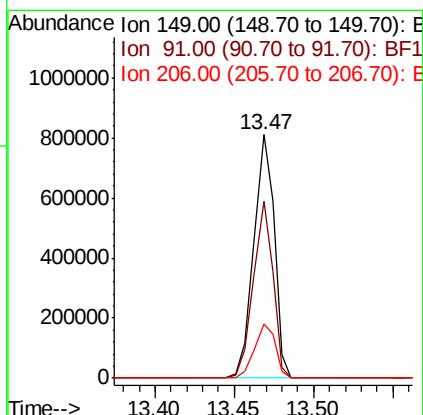
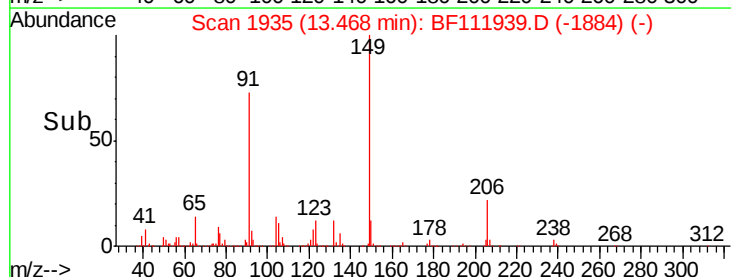
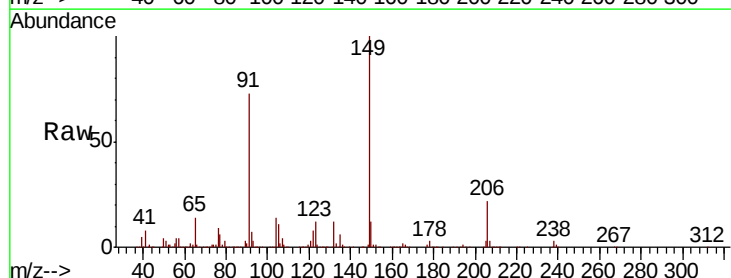
Tgt Ion:149 Resp: 728770

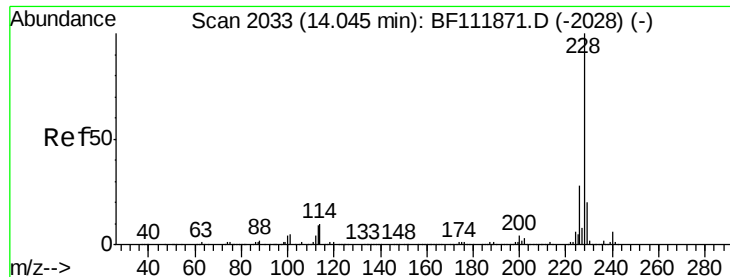
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 73.0  | 57.2  | 85.8  |
| 206 | 22.2  | 17.3  | 25.9  |

149 100

91 73.0 57.2 85.8

206 22.2 17.3 25.9





#81

Benzo(a)anthracene

Concen: 43.396 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

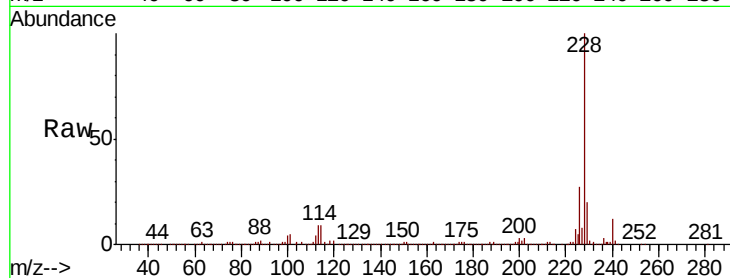
Tot Ion:228 Resp: 1510221

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

229 20.3 16.2 24.2

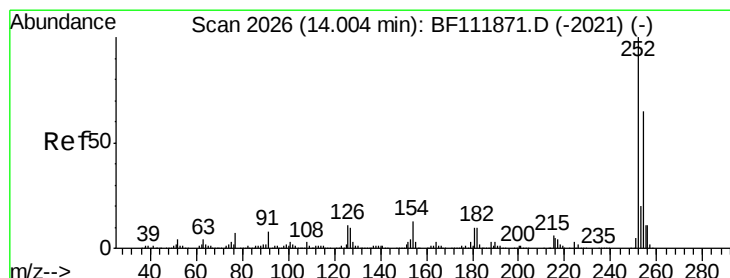
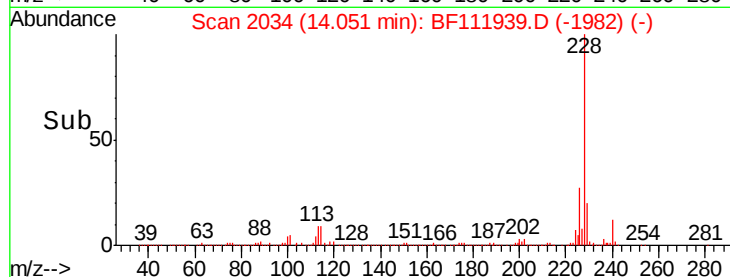
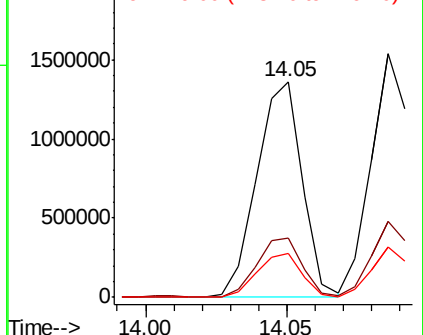


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.116 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

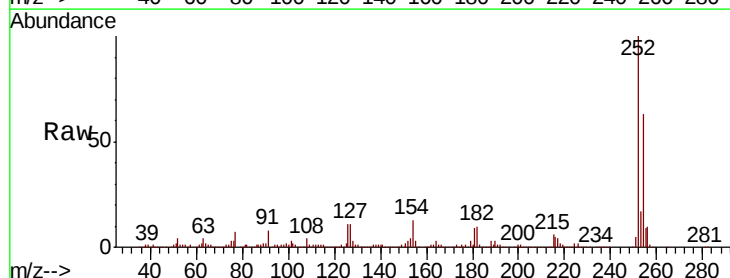
Tgt Ion:252 Resp: 464007

Ion Ratio Lower Upper

252 100

254 62.7 52.1 78.1

126 11.2 8.6 12.8

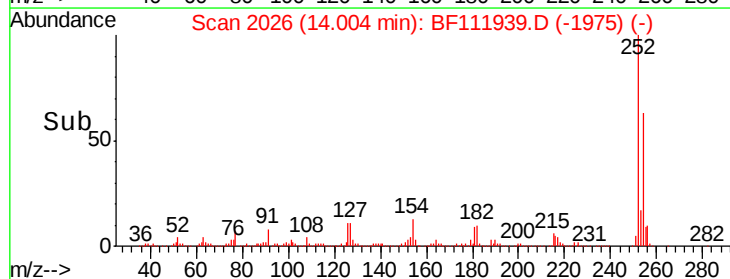
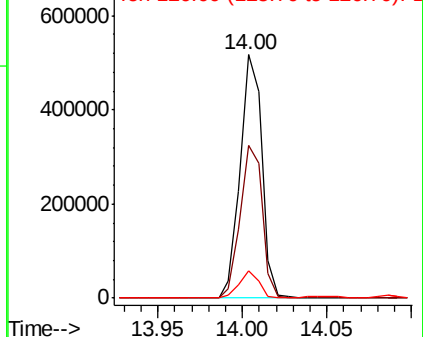


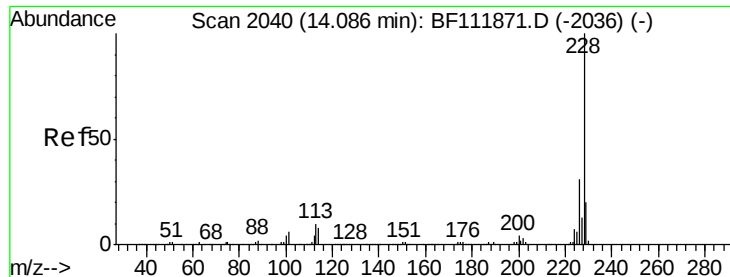
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.443 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

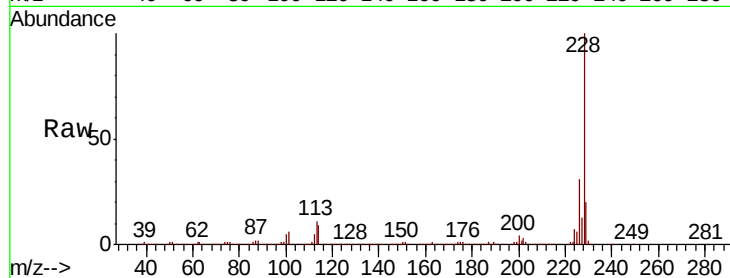
Tot Ion:228 Resp: 1408341

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

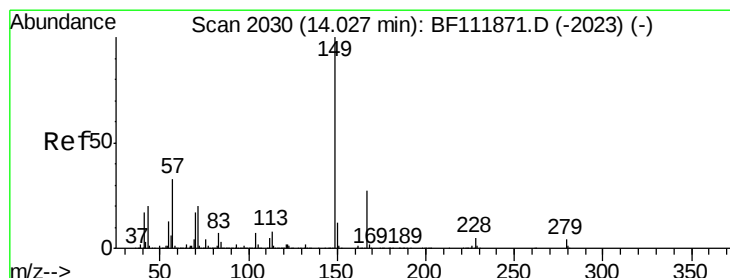
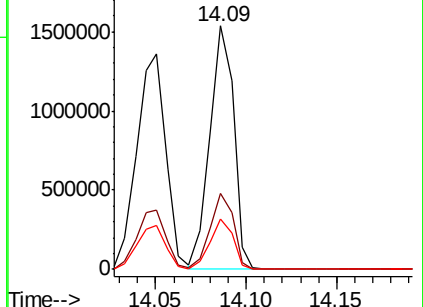
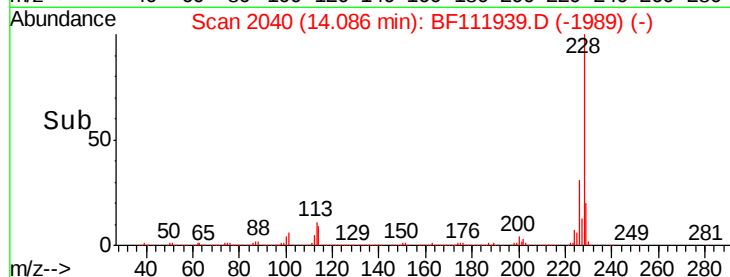
229 20.4 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.304 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

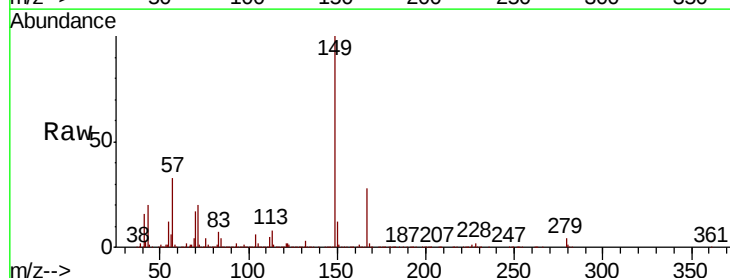
Tgt Ion:149 Resp: 1023461

Ion Ratio Lower Upper

149 100

167 27.6 21.5 32.3

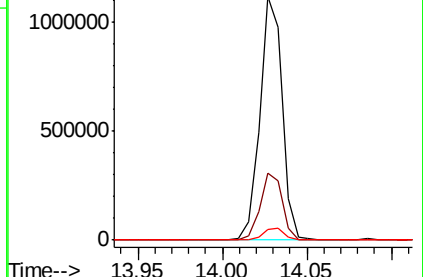
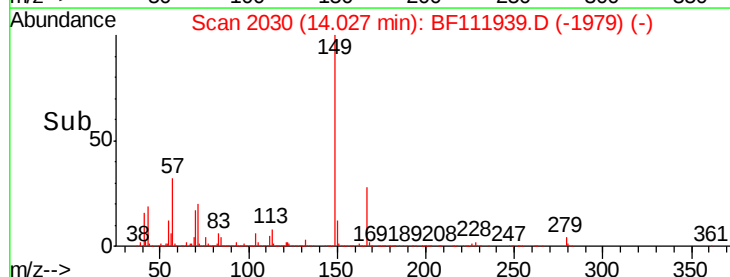
279 4.4 3.0 4.6

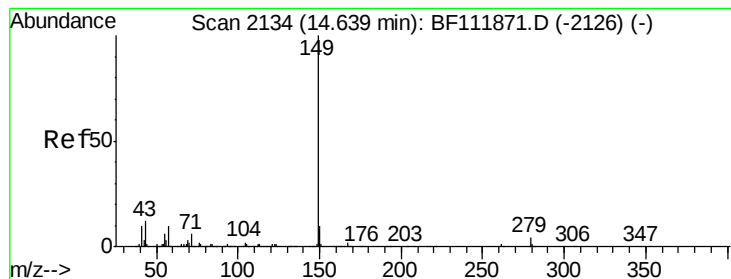


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.211 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA\_F

ClientSampleId :

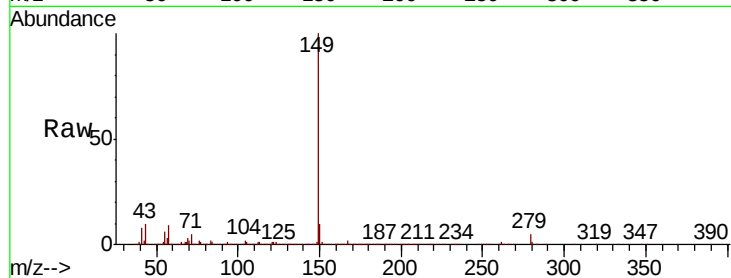
Tot Ion:149 Resp: 1494622

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

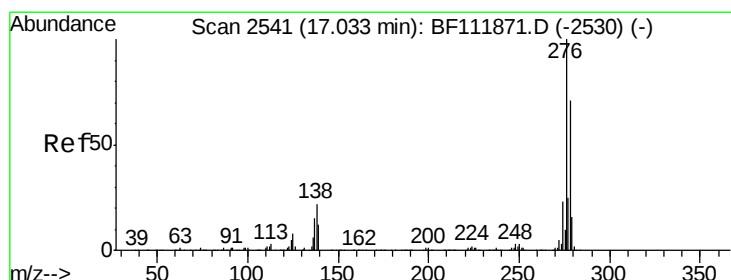
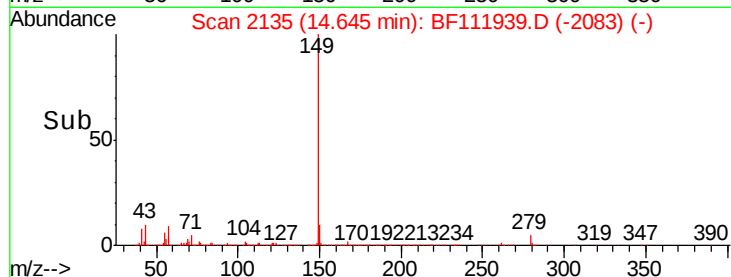
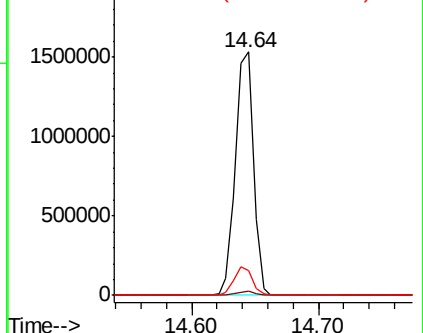
43 11.1 9.1 13.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.642 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

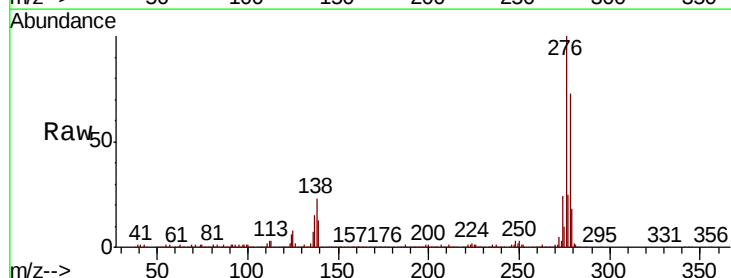
Tgt Ion:276 Resp: 1249256

Ion Ratio Lower Upper

276 100

138 23.2 18.1 27.1

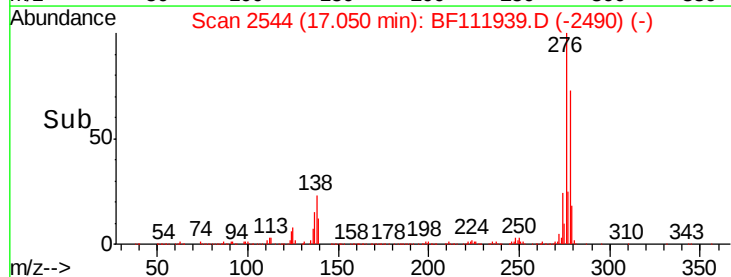
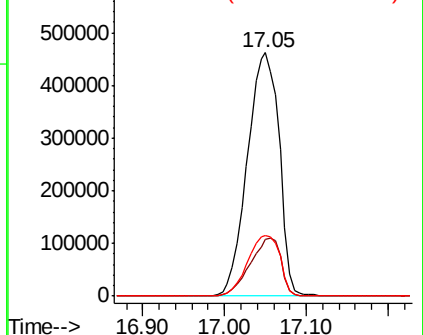
277 25.5 19.9 29.9

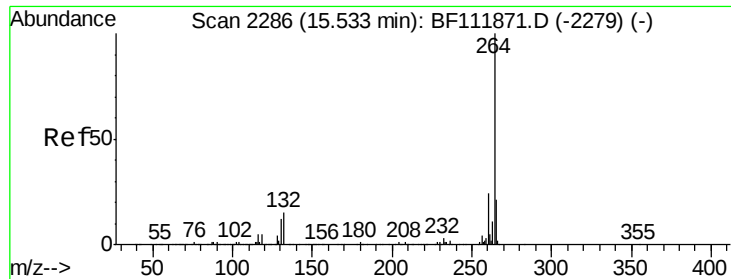


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

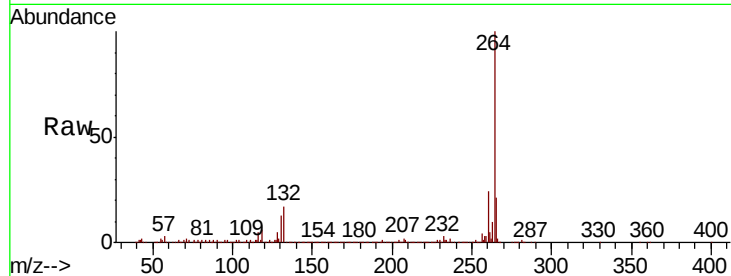




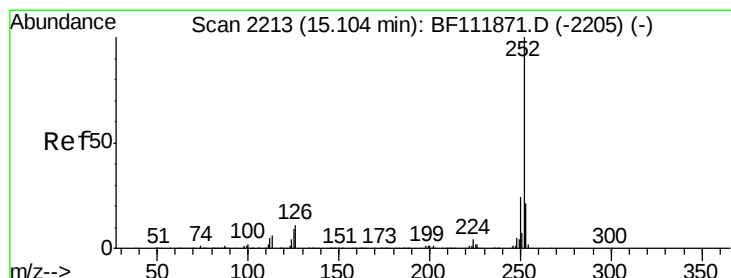
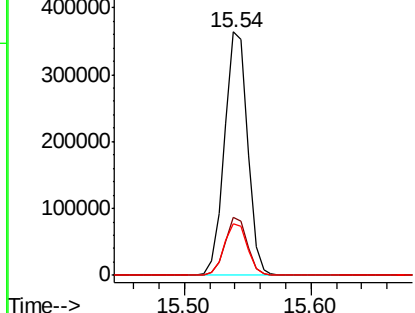
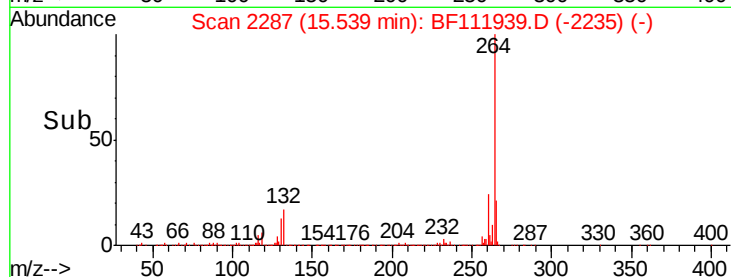
#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.54 min Scan# 2287  
 Delta R.T. 0.01 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:264 Resp: 458391  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.2 28.8  
 265 21.3 17.1 25.7

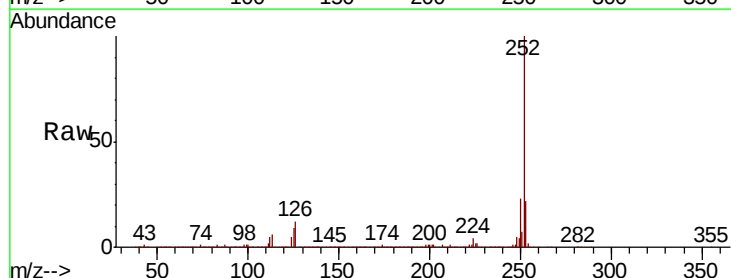


Abundance Ion 264.00 (263.70 to 264.70): E  
 500000 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

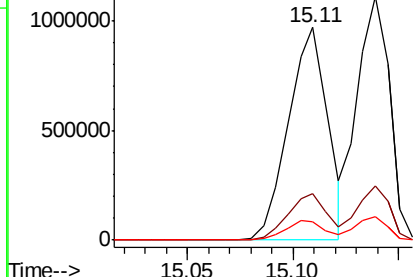
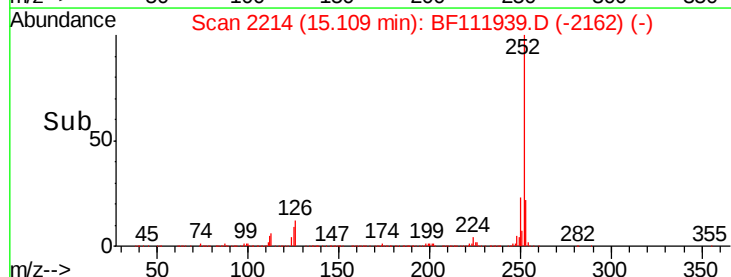


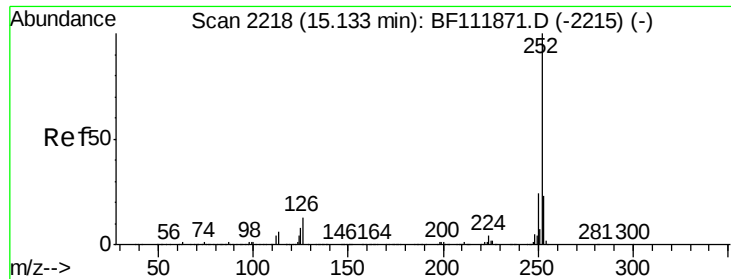
#88  
 Benzo(b)fluoranthene  
 Concen: 45.688 ng  
 RT: 15.11 min Scan# 2214  
 Delta R.T. 0.01 min  
 Lab File: BF111939.D  
 Acq: 9 Jan 2019 9:50

Tgt Ion:252 Resp: 1252782  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.0 25.6  
 125 8.9 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E  
 1500000 Ion 253.00 (252.70 to 253.70): E  
 Ion 125.00 (124.70 to 125.70): E

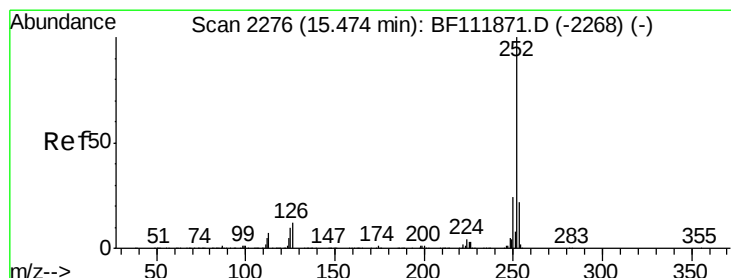
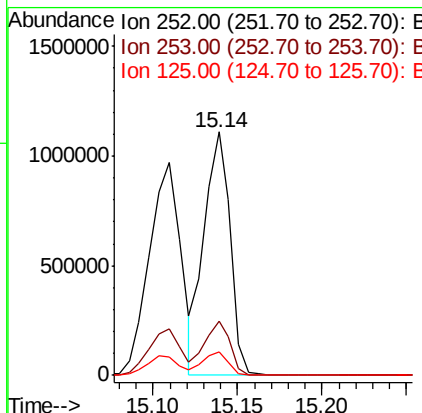
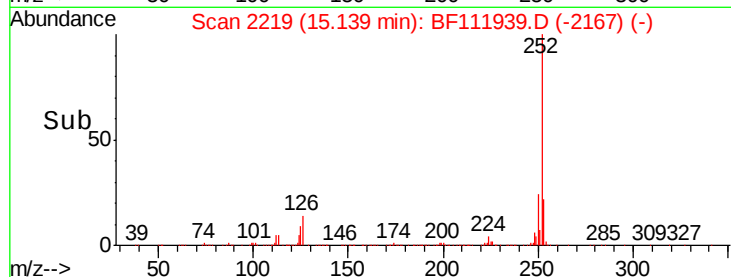
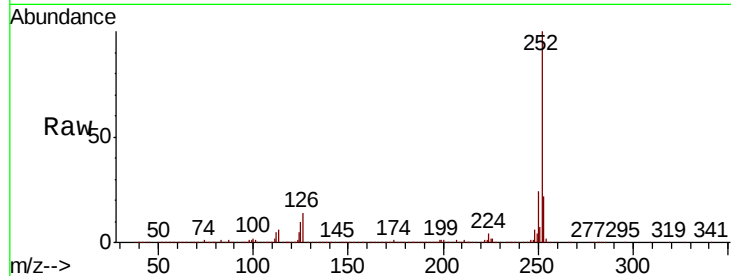




#89  
Benzo(k)fluoranthene  
Concen: 46.129 ng  
RT: 15.14 min Scan# 2219  
Delta R.T. 0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

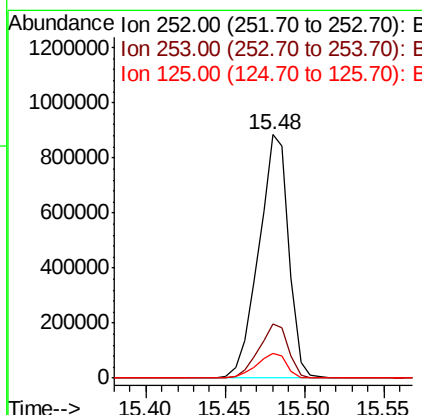
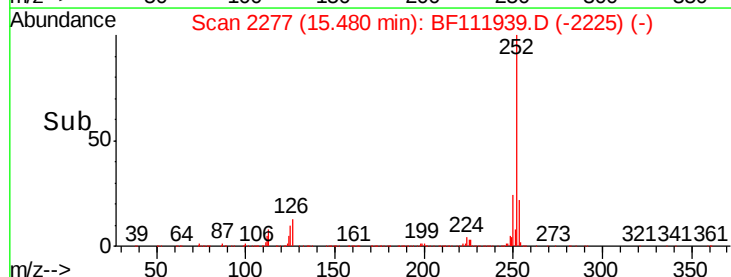
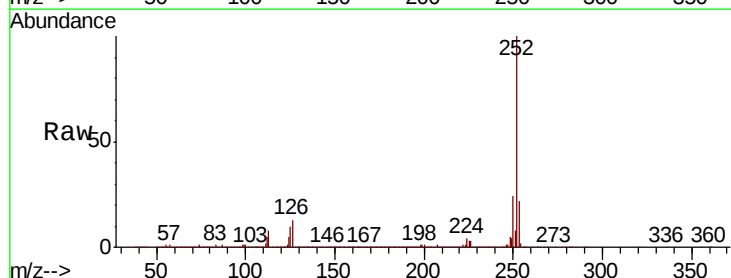
Instrument :  
BNA\_F  
ClientSampleId :

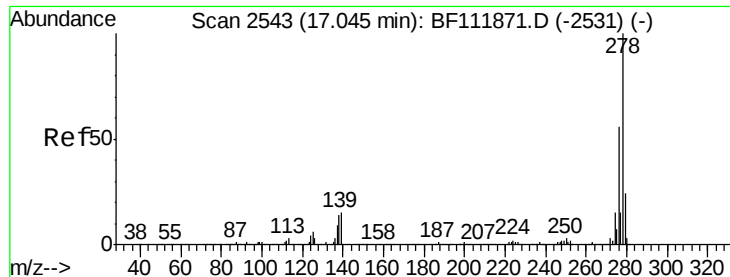
Tot Ion:252 Resp: 1188982  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.6  
125 9.6 7.0 10.4



#90  
Benzo(a)pyrene  
Concen: 48.161 ng  
RT: 15.48 min Scan# 2277  
Delta R.T. 0.01 min  
Lab File: BF111939.D  
Acq: 9 Jan 2019 9:50

Tgt Ion:252 Resp: 1161160  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.4 26.2  
125 10.4 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 53.546 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

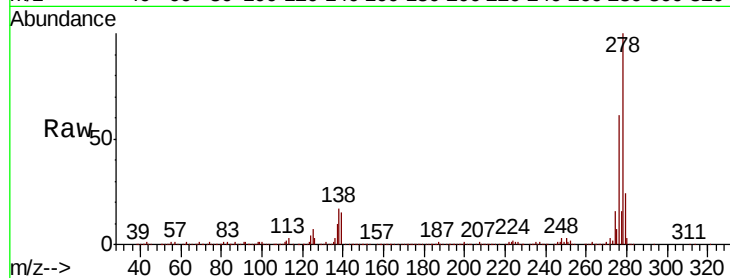
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:278 Resp: 1038340

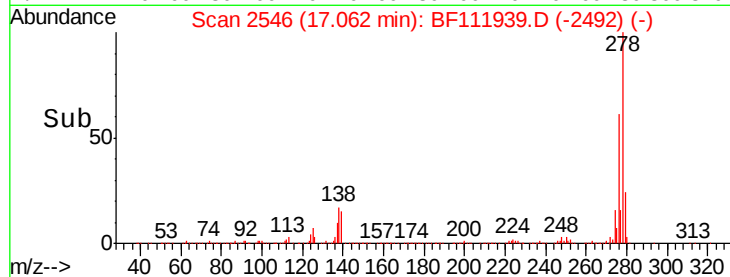
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.2  | 11.8  | 17.6  |
| 279 | 23.9  | 19.4  | 29.2  |



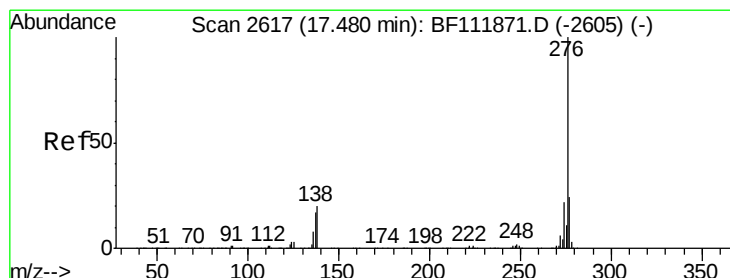
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 56.236 ng

RT: 17.50 min Scan# 2621

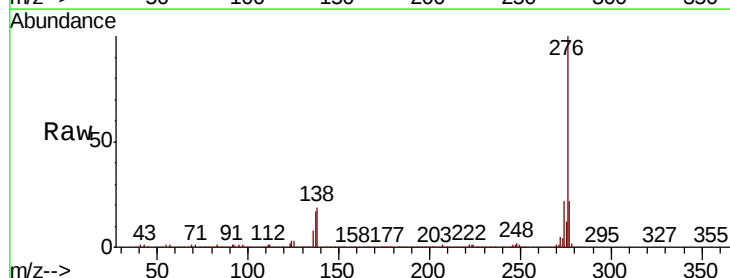
Delta R.T. 0.02 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Tgt Ion:276 Resp: 1066618

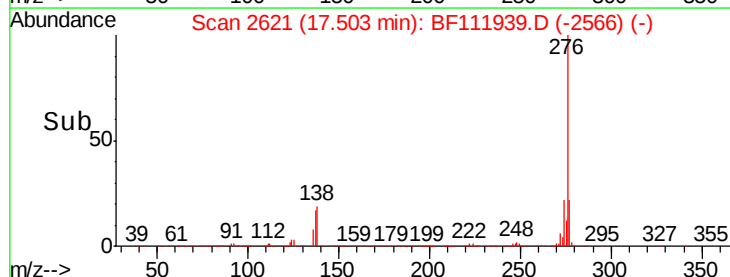
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 22.4  | 19.0  | 28.6  |
| 138 | 19.0  | 16.2  | 24.2  |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->