

Data Path : Z:\HPCHEM1\BNA F\Data\BF092816\  
 Data File : BF090275.D  
 Acq On : 28 Sep 2016 11:54  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 28 17:05:45 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 26 15:58:38 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|--------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.479  | 152  | 150314   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.770  | 136  | 603074   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.508  | 164  | 320077   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 10.971 | 188  | 482429   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.588 | 240  | 368717   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 14.902 | 264  | 372723   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |        |     |         |       |    |       |
|--------------------------|--------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.027  | 112 | 708435  | 76.82 | ng | 0.00  |
| 7) Phenol-d6             | 6.147  | 99  | 918851  | 80.68 | ng | 0.01  |
| 23) Nitrobenzene-d5      | 7.062  | 82  | 835194  | 80.28 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.296 | 330 | 232058  | 84.51 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 8.845  | 172 | 1215614 | 74.56 | ng | -0.01 |
| 78) Terphenyl-d14        | 12.559 | 244 | 1104686 | 76.06 | ng | 0.00  |

## Target Compounds

|                               |       |     |         |       |    | Qvalue |
|-------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                | 1.873 | 88  | 172036  | 34.38 | ng | 99     |
| 3) Pyridine                   | 2.455 | 79  | 398998  | 36.77 | ng | 98     |
| 4) n-Nitrosodimethylamine     | 2.410 | 42  | 129086  | 39.86 | ng | 96     |
| 6) Aniline                    | 6.136 | 93  | 556151  | 39.18 | ng | # 72   |
| 8) 2-Chlorophenol             | 6.262 | 128 | 405336  | 38.20 | ng | 90     |
| 9) Benzaldehyde               | 6.010 | 77  | 219865  | 44.30 | ng | 97     |
| 10) Phenol                    | 6.159 | 94  | 553712  | 41.13 | ng | # 61   |
| 11) bis(2-Chloroethyl)ether   | 6.227 | 93  | 407647  | 38.83 | ng | 94     |
| 12) 1,3-Dichlorobenzene       | 6.410 | 146 | 396652  | 35.78 | ng | # 96   |
| 13) 1,4-Dichlorobenzene       | 6.490 | 146 | 411431  | 36.35 | ng | 97     |
| 14) 1,2-Dichlorobenzene       | 6.650 | 146 | 396804  | 39.36 | ng | # 94   |
| 15) Benzyl Alcohol            | 6.639 | 79  | 263834  | 38.85 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropr... | 6.776 | 45  | 460603  | 36.71 | ng | 81     |
| 17) 2-Methylphenol            | 6.764 | 107 | 307602  | 36.80 | ng | 94     |
| 18) Hexachloroethane          | 6.993 | 117 | 157336  | 38.97 | ng | # 81   |
| 19) n-Nitroso-di-n-propyla... | 6.925 | 70  | 290615  | 43.44 | ng | 97     |
| 20) 3+4-Methylphenols         | 6.925 | 107 | 389898  | 38.86 | ng | 95     |
| 22) Acetophenone              | 6.902 | 105 | 543983  | 37.41 | ng | # 96   |
| 24) Nitrobenzene              | 7.073 | 77  | 389020  | 35.89 | ng | 95     |
| 25) Isophorone                | 7.325 | 82  | 805343  | 37.05 | ng | 99     |
| 26) 2-Nitrophenol             | 7.393 | 139 | 229598  | 43.01 | ng | 94     |
| 27) 2,4-Dimethylphenol        | 7.450 | 122 | 350917  | 37.00 | ng | 97     |
| 28) bis(2-Chloroethoxy)met... | 7.542 | 93  | 497861  | 37.87 | ng | 100    |
| 29) 2,4-Dichlorophenol        | 7.645 | 162 | 321646  | 38.67 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene    | 7.713 | 180 | 306638  | 36.91 | ng | 99     |
| 31) Naphthalene               | 7.793 | 128 | 1186468 | 41.32 | ng | 99     |
| 32) Benzoic acid              | 7.645 | 122 | 306933  | 47.15 | ng | 98     |
| 33) 4-Chloroaniline           | 7.850 | 127 | 450169  | 37.79 | ng | 98     |
| 34) Hexachlorobutadiene       | 7.919 | 225 | 176720  | 40.32 | ng | 97     |
| 35) Caprolactam               | 8.262 | 113 | 112106  | 40.72 | ng | # 71   |
| 36) 4-Chloro-3-methylphenol   | 8.342 | 107 | 358219  | 38.10 | ng | 97     |
| 37) 2-Methylnaphthalene       | 8.479 | 142 | 720175  | 40.33 | ng | 99     |
| 39) 1,2,4,5-Tetrachloroben... | 8.650 | 216 | 297662  | 40.52 | ng | 97     |
| 40) Hexachlorocyclopentadiene | 8.628 | 237 | 147098  | 40.57 | ng | 99     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

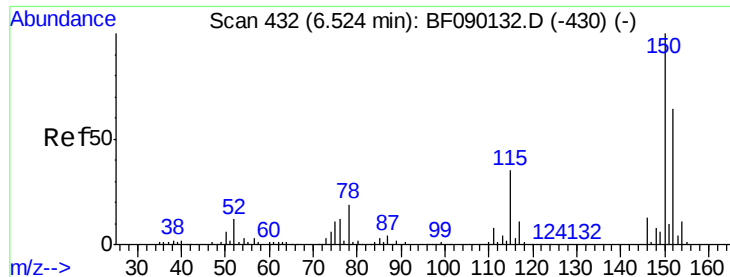
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 28 17:05:45 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 26 15:58:38 2016  
 Response via : Initial Calibration

| Internal Standards            | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol     | 8.765  | 196  | 219929   | 42.01 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol     | 8.810  | 196  | 209945   | 38.73 | nq    | 95       |
| 45) 1,1'-Biphenyl             | 8.948  | 154  | 951542   | 41.55 | nq    | 96       |
| 46) 2-Chloronaphthalene       | 8.959  | 162  | 601420   | 35.60 | nq    | 98       |
| 47) 2-Nitroaniline            | 9.062  | 65   | 189178   | 37.14 | nq    | # 81     |
| 48) Acenaphthylene            | 9.370  | 152  | 1041933  | 37.98 | nq    | 99       |
| 49) Dimethylphthalate         | 9.256  | 163  | 734846   | 36.05 | nq    | 98       |
| 50) 2,6-Dinitrotoluene        | 9.313  | 165  | 168814   | 37.15 | nq    | 92       |
| 51) Acenaphthene              | 9.542  | 154  | 607084   | 37.28 | nq    | 100      |
| 52) 3-Nitroaniline            | 9.473  | 138  | 184029   | 34.54 | nq    | 90       |
| 53) 2,4-Dinitrophenol         | 9.588  | 184  | 105824   | 43.15 | nq    | 96       |
| 54) Dibenzofuran              | 9.713  | 168  | 829628   | 38.71 | nq    | 96       |
| 55) 4-Nitrophenol             | 9.656  | 139  | 130322   | 35.71 | nq    | 82       |
| 56) 2,4-Dinitrotoluene        | 9.713  | 165  | 205612   | 38.27 | nq    | 98       |
| 57) Fluorene                  | 10.056 | 166  | 686573   | 42.51 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 9.839  | 232  | 161998   | 39.92 | nq    | 99       |
| 59) Diethylphthalate          | 9.953  | 149  | 803807   | 40.83 | nq    | 98       |
| 60) 4-Chlorophenyl-phenyle... | 10.056 | 204  | 287318   | 39.01 | nq    | # 80     |
| 61) 4-Nitroaniline            | 10.091 | 138  | 220182   | 40.55 | nq    | 93       |
| 62) Azobenzene                | 10.205 | 77   | 722485   | 35.25 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylph... | 10.125 | 198  | 139957   | 46.32 | nq    | 90       |
| 65) n-Nitrosodiphenylamine    | 10.171 | 169  | 611351   | 38.54 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether | 10.536 | 248  | 191038   | 40.24 | nq    | # 91     |
| 67) Hexachlorobenzene         | 10.593 | 284  | 202720   | 36.64 | nq    | # 86     |
| 68) Atrazine                  | 10.719 | 200  | 195030   | 44.86 | nq    | 100      |
| 69) Pentachlorophenol         | 10.799 | 266  | 135477   | 43.14 | nq    | 97       |
| 70) Phenanthrene              | 11.005 | 178  | 956655   | 42.40 | nq    | 99       |
| 71) Anthracene                | 11.051 | 178  | 941079   | 39.77 | nq    | 100      |
| 72) Carbazole                 | 11.211 | 167  | 896349   | 35.83 | nq    | 98       |
| 73) Di-n-butylphthalate       | 11.565 | 149  | 1216152  | 41.81 | nq    | 99       |
| 74) Fluoranthene              | 12.171 | 202  | 870329   | 35.94 | nq    | 99       |
| 76) Benzidine                 | 12.308 | 184  | 426067   | 34.52 | nq    | # 95     |
| 77) Pyrene                    | 12.399 | 202  | 998118   | 39.56 | nq    | 100      |
| 79) Butylbenzylphthalate      | 13.039 | 149  | 522316   | 42.32 | nq    | # 85     |
| 80) Benzo(a)anthracene        | 13.577 | 228  | 812273   | 40.95 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine    | 13.554 | 252  | 320766   | 39.21 | nq    | # 98     |
| 82) Chrysene                  | 13.622 | 228  | 689754   | 35.69 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phtha... | 13.611 | 149  | 898865   | 56.91 | nq    | # 97     |
| 84) Di-n-octyl phthalate      | 14.217 | 149  | 1873453  | 68.86 | nq    | # 92     |
| 85) Indeno(1,2,3-cd)pyrene    | 16.057 | 276  | 764607   | 48.94 | nq    | 96       |
| 87) Benzo(b)fluoranthene      | 14.571 | 252  | 1496948  | 72.53 | nq    | 98       |
| 88) Benzo(k)fluoranthene      | 14.571 | 252  | 1499783  | 77.43 | nq    | # 97     |
| 89) Benzo(a)pyrene            | 14.857 | 252  | 711225   | 36.63 | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene    | 16.068 | 278  | 625052   | 41.26 | nq    | 98       |
| 91) Benzo(g,h,i)perylene      | 16.400 | 276  | 612803   | 41.33 | nq    | # 91     |

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

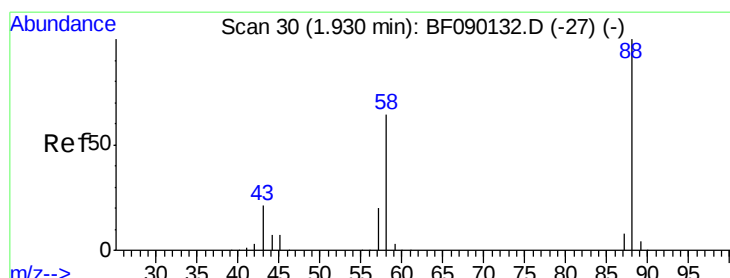
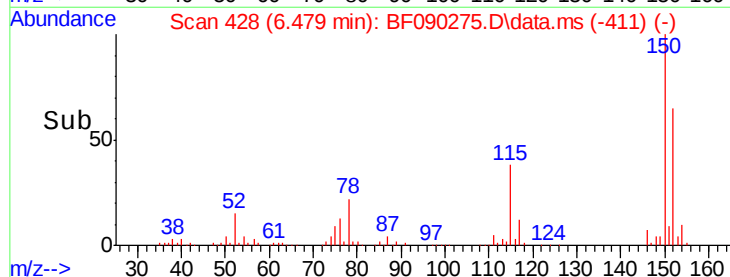
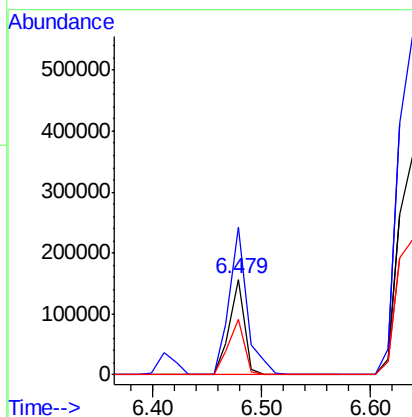
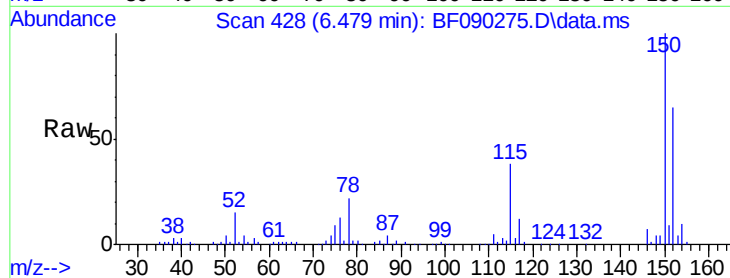




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.479 min Scan# 42  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

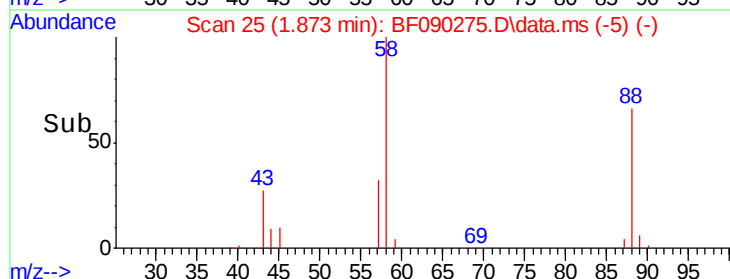
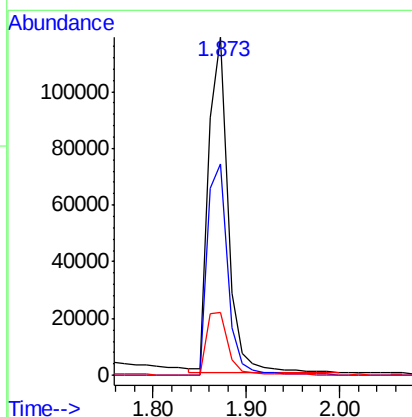
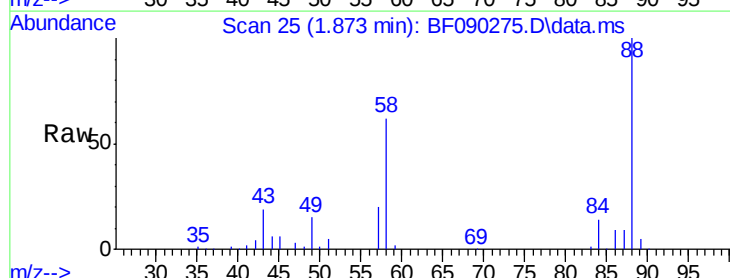
Instrument :  
 BNA\_F  
 ClientSampleId :

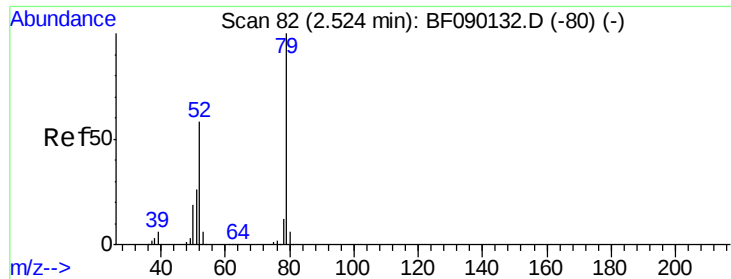
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.1 | 128.9 | 193.3 |
| 115     | 58.2  | 55.5  | 83.3  |



#2  
 1,4-Dioxane  
 Concen: 34.38 ng  
 RT: 1.873 min Scan# 25  
 Delta R.T. 0.034 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 66.5  | 53.4  | 80.0  |
| 43      | 21.3  | 16.5  | 24.7  |

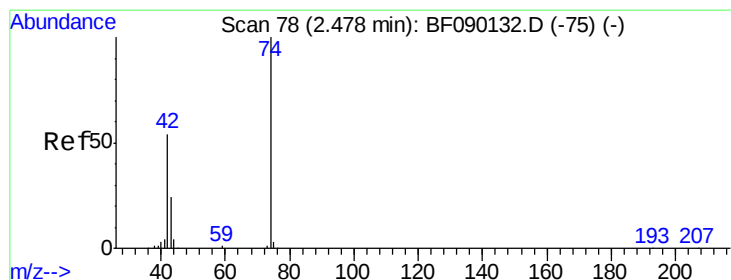
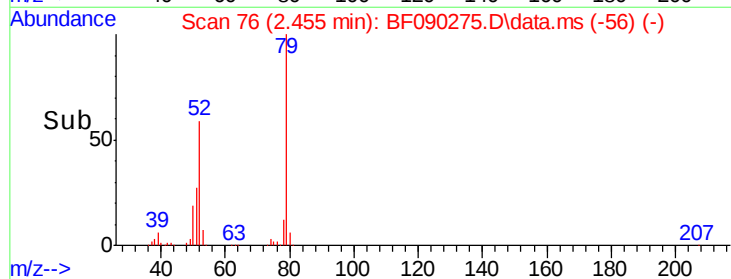
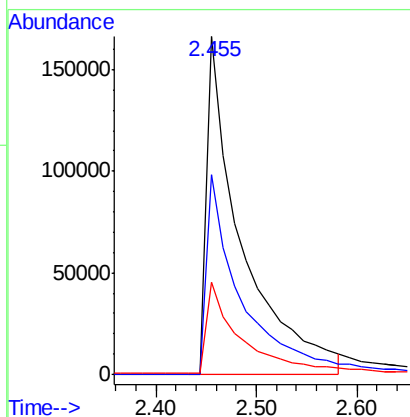
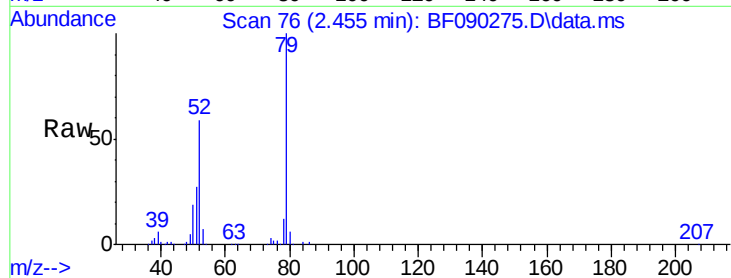




#3  
Pvrindine  
Concen: 36.77 ng  
RT: 2.455 min Scan# 76  
Delta R.T. 0.034 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

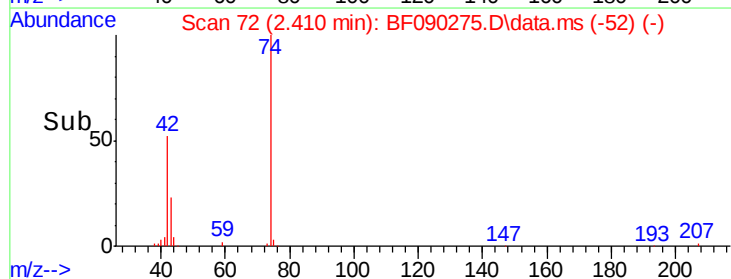
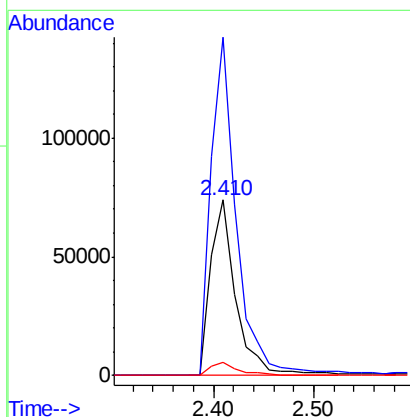
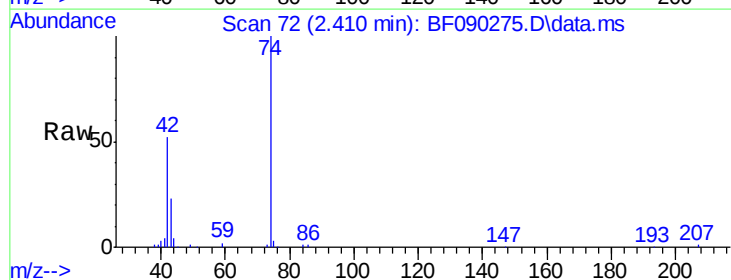
Instrument :  
BNA\_F  
ClientSampleId :

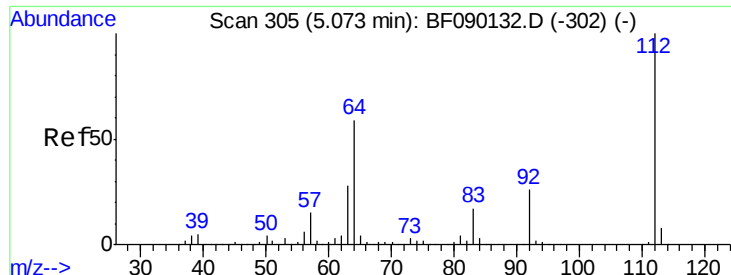
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 59.1  | 45.9  | 68.9  |
| 51      | 27.3  | 21.3  | 31.9  |



#4  
n-Nitrosodimethylamine  
Concen: 39.86 ng  
RT: 2.410 min Scan# 72  
Delta R.T. 0.034 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 192.7 | 158.7 | 238.1 |
| 44      | 7.5   | 6.4   | 9.6   |

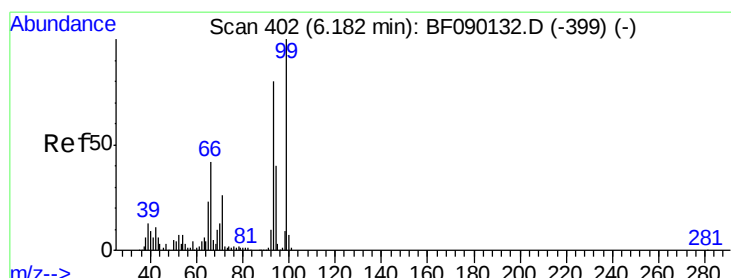
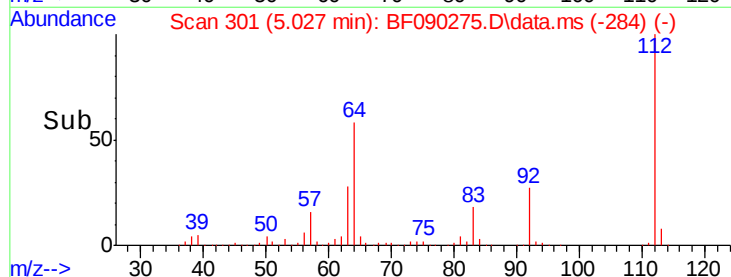
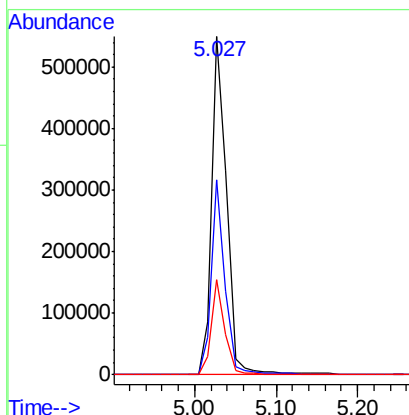
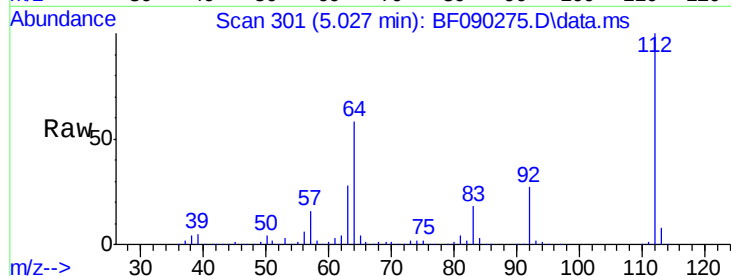




#5  
2-Fluorophenol  
Concen: 76.82 ng  
RT: 5.027 min Scan# 301  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

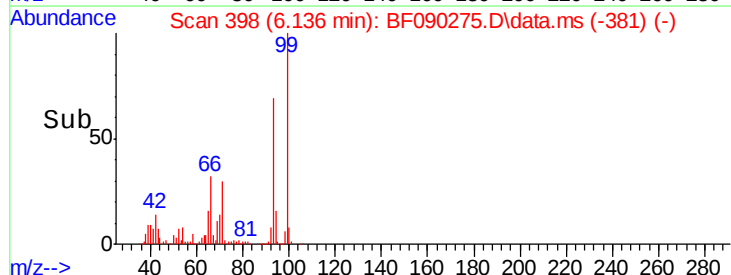
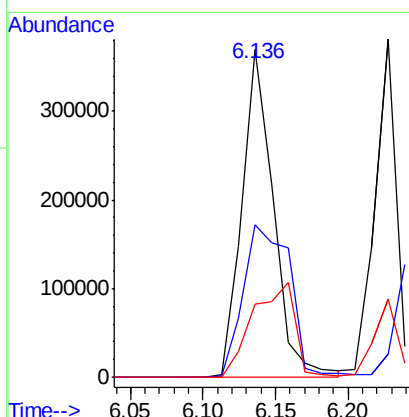
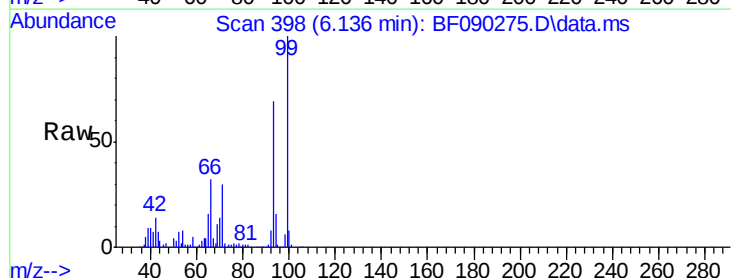
Instrument :  
BNA\_F  
ClientSampleId :

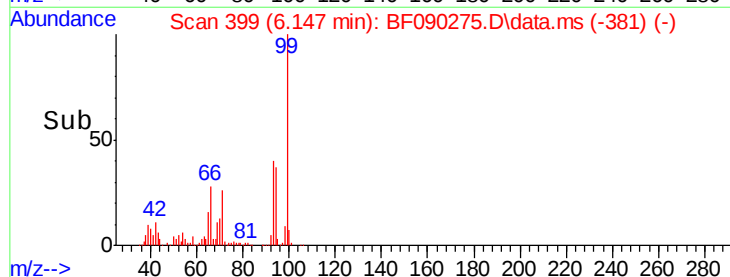
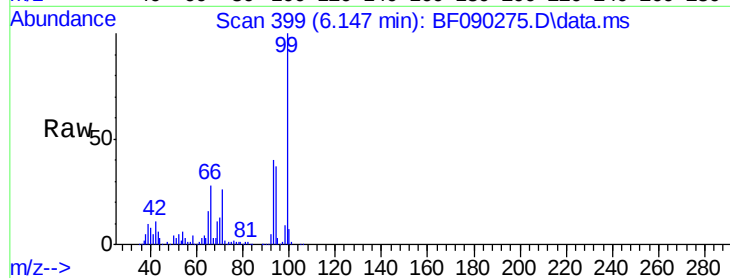
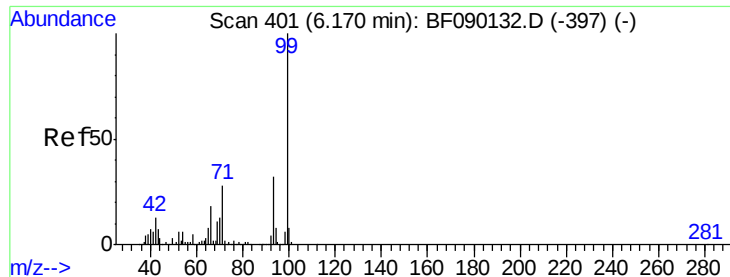
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.7  | 39.8  | 59.6  |
| 63      | 28.0  | 18.9  | 28.3  |



#6  
Aniline  
Concen: 39.18 ng  
RT: 6.136 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 46.4  | 54.2  | 81.2# |
| 65      | 22.5  | 33.8  | 50.6# |





#7

Phenol-d6

Concen: 80.68 ng

RT: 6.147 min Scan# 399

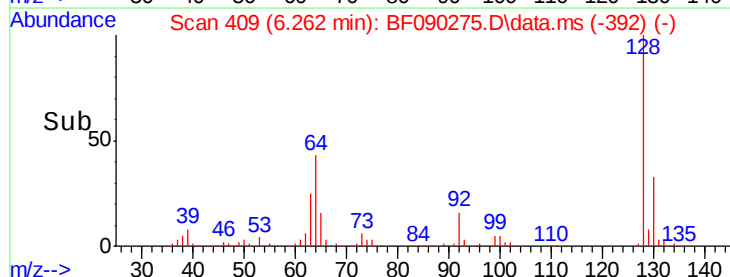
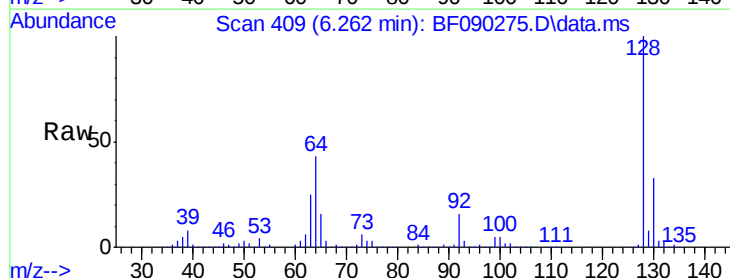
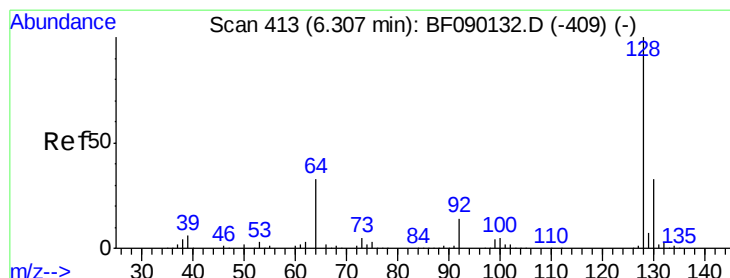
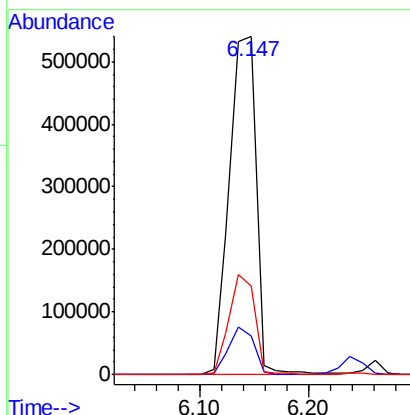
Delta R.T. 0.011 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 11.2  | 10.6  | 15.8  |
| 71      | 26.3  | 23.0  | 34.6  |



#8

2-Chlorophenol

Concen: 38.20 ng

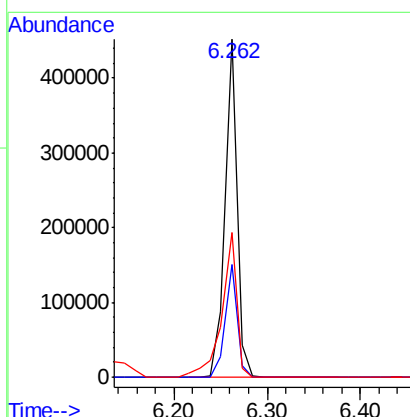
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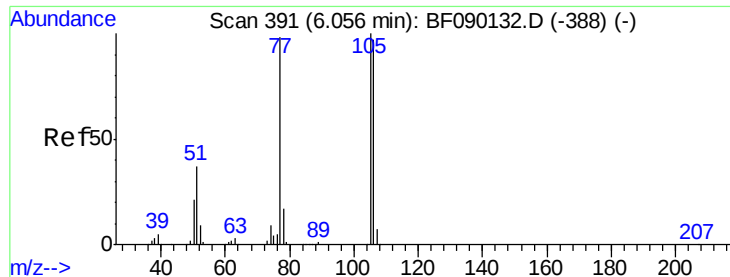
Delta R.T. -0.000 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 130     | 33.2  | 12.0  | 52.0  |
| 64      | 42.7  | 33.6  | 73.6  |





#9

Benzaldehyde

Concen: 44.30 ng

RT: 6.010 min Scan# 38

Delta R.T. -0.000 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

Instrument :

BNA\_F

ClientSampleId :

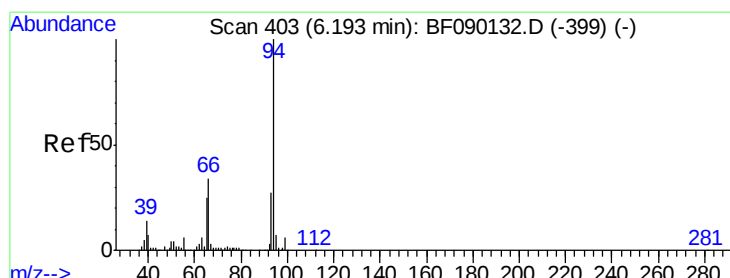
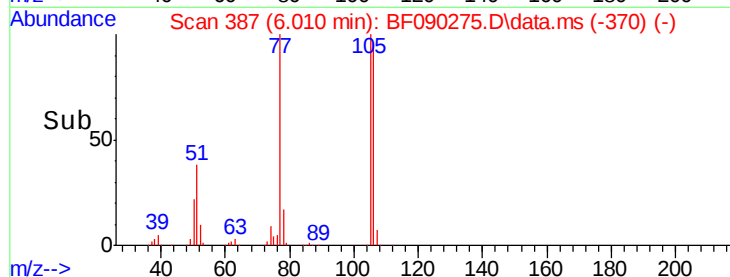
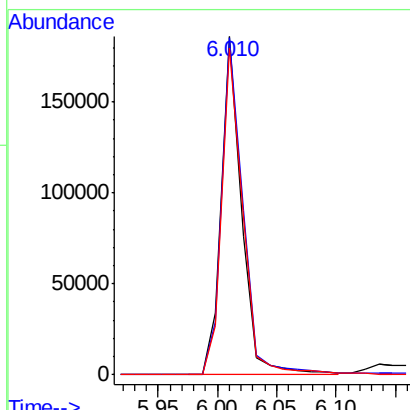
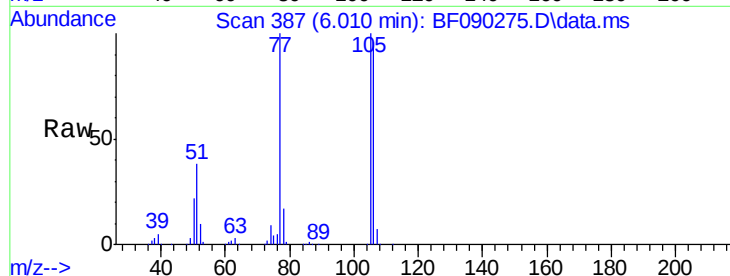
Tot Ion: 77 Resp: 219865

Ion Ratio Lower Upper

77 100

105 99.7 83.0 123.0

106 96.5 78.5 118.5



#10

Phenol

Concen: 41.13 ng

RT: 6.159 min Scan# 400

Delta R.T. 0.011 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

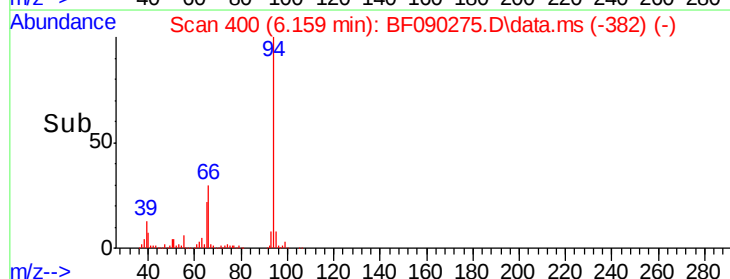
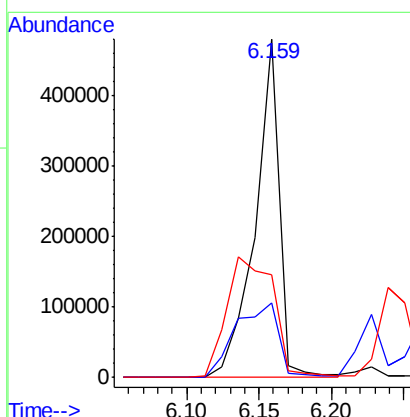
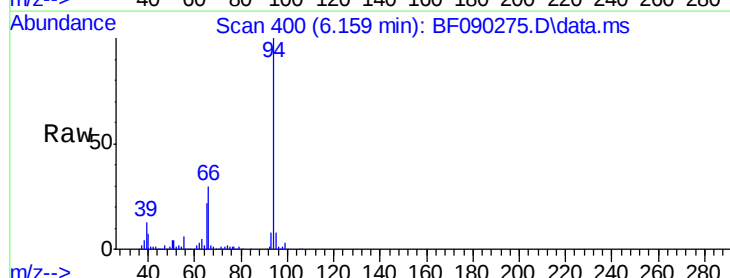
Tgt Ion: 94 Resp: 553712

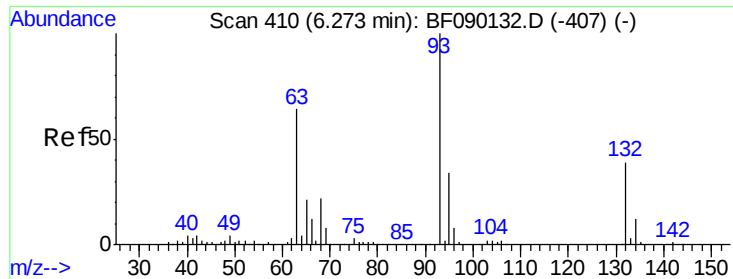
Ion Ratio Lower Upper

94 100

65 22.1 20.6 60.6

66 30.3 45.1 85.1#

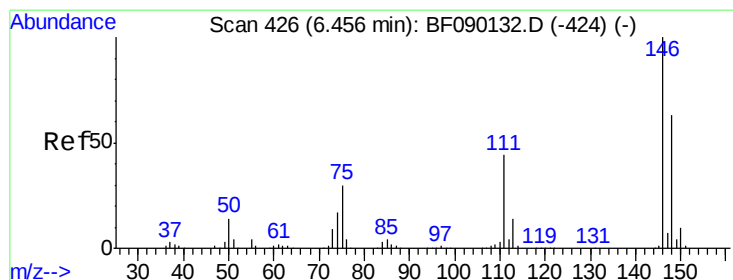
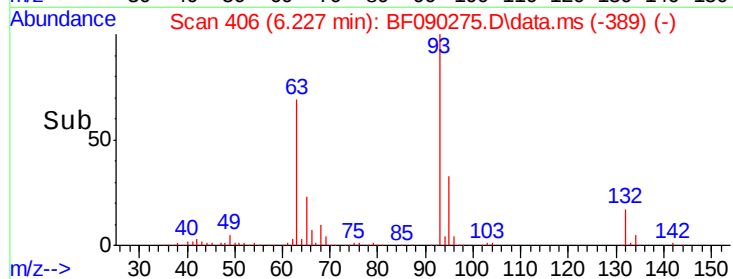
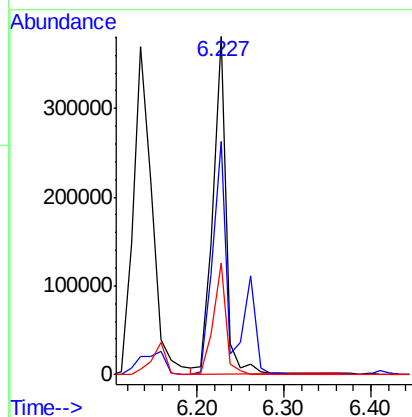
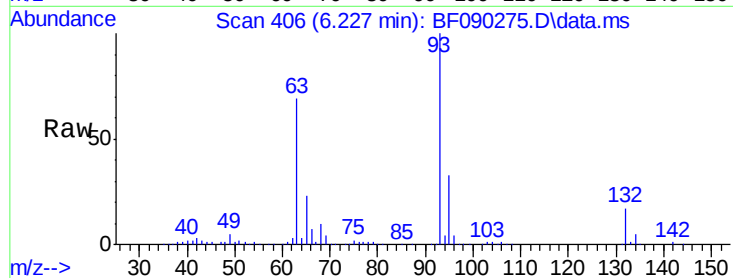




#11  
bis(2-Chloroethyl)ether  
Concen: 38.83 ng  
RT: 6.227 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

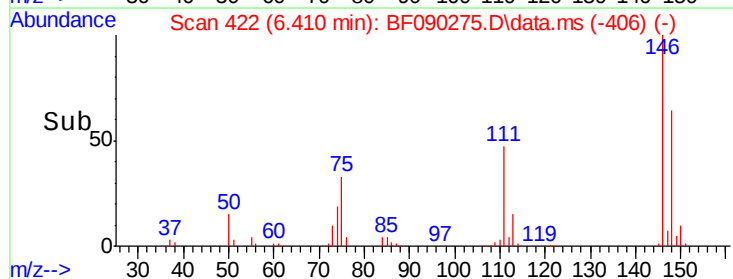
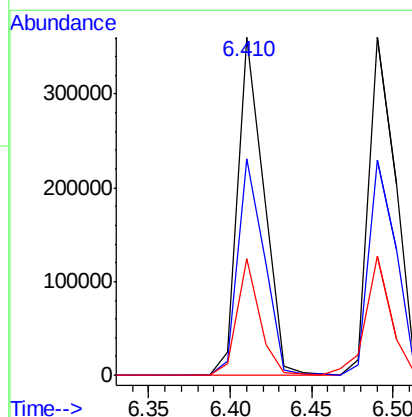
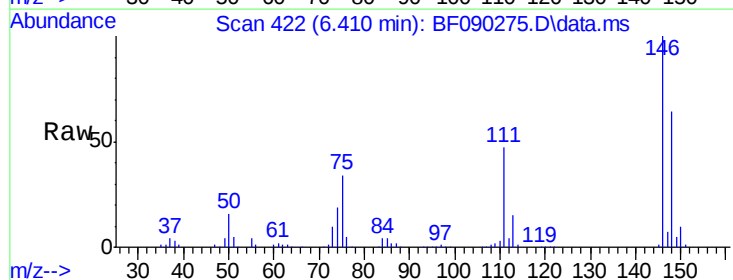
Instrument :  
BNA\_F  
ClientSampleId :

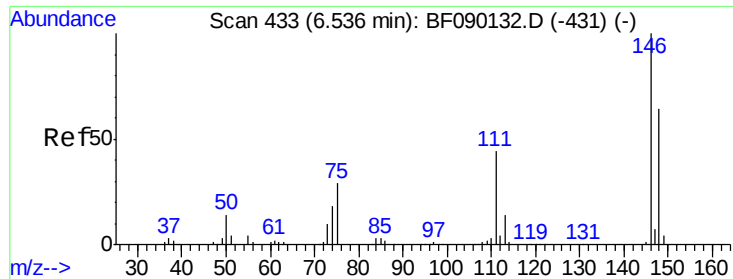
Tot Ion: 93 Resp: 407647  
Ion Ratio Lower Upper  
93 100  
63 69.0 55.6 95.6  
95 33.0 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 35.78 ng  
RT: 6.410 min Scan# 422  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

Tgt Ion: 146 Resp: 396652  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.9 77.9  
75 34.4 22.8 34.2#

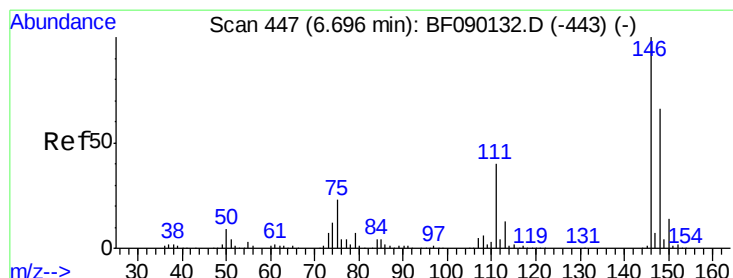
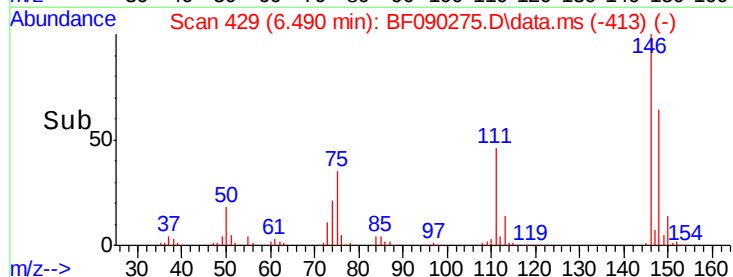
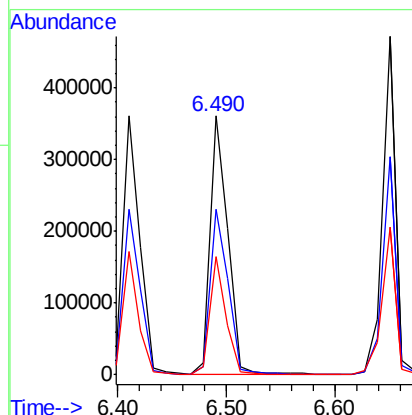
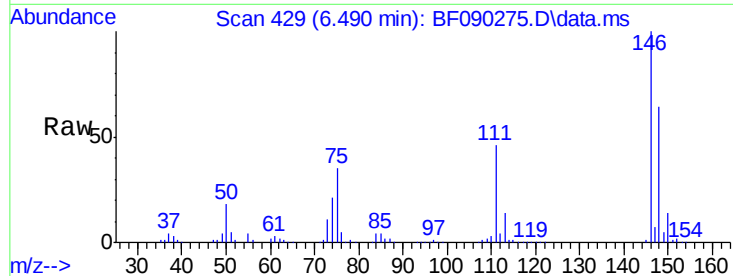




#13  
 1,4-Dichlorobenzene  
 Concen: 36.35 ng  
 RT: 6.490 min Scan# 42  
 Delta R.T. -0.011 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

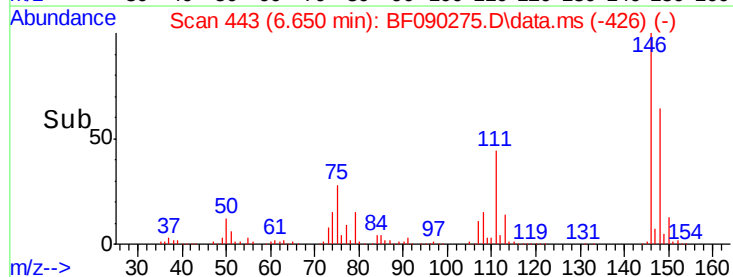
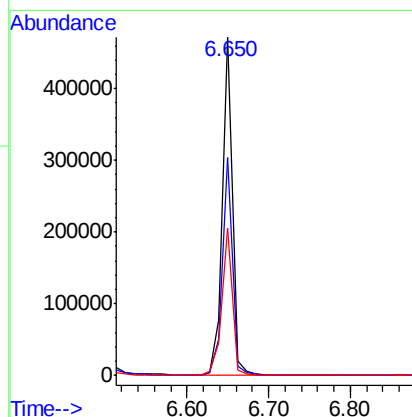
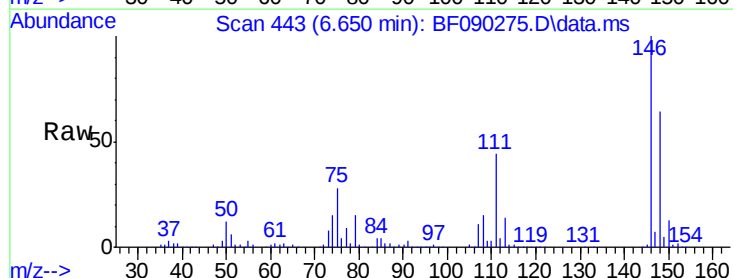
Instrument :  
 BNA\_F  
 ClientSampleId :

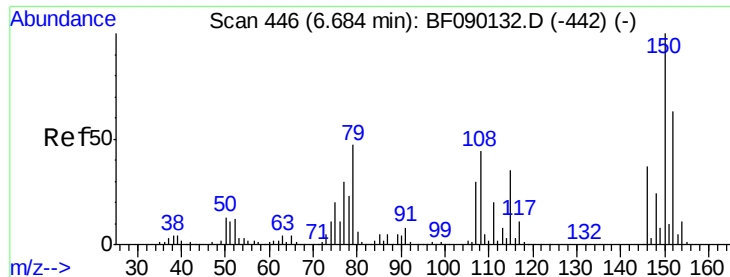
Tot Ion:146 Resp: 411431  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 52.0 78.0  
 111 45.7 33.8 50.6



#14  
 1,2-Dichlorobenzene  
 Concen: 39.36 ng  
 RT: 6.650 min Scan# 443  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

Tgt Ion:146 Resp: 396804  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 52.6 79.0  
 111 43.5 28.2 42.2#

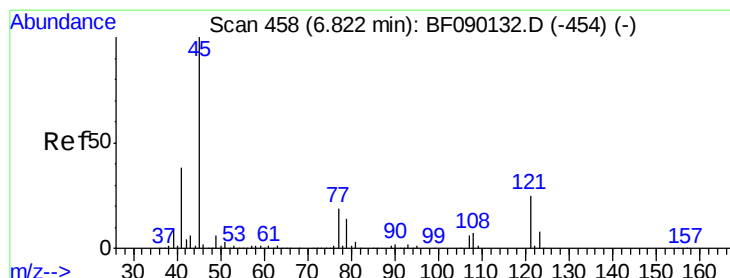
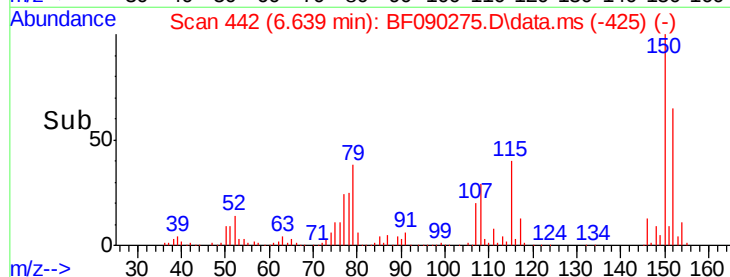
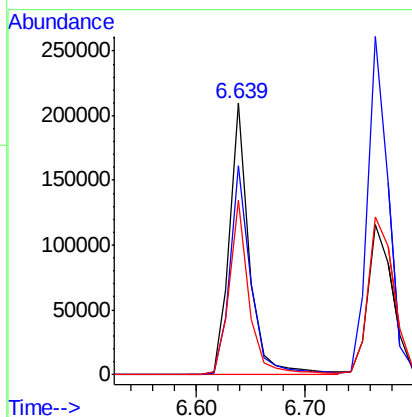
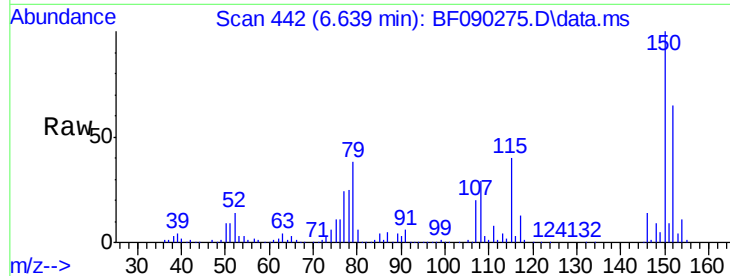




#15  
Benzyl Alcohol  
Concen: 38.85 ng  
RT: 6.639 min Scan# 441  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

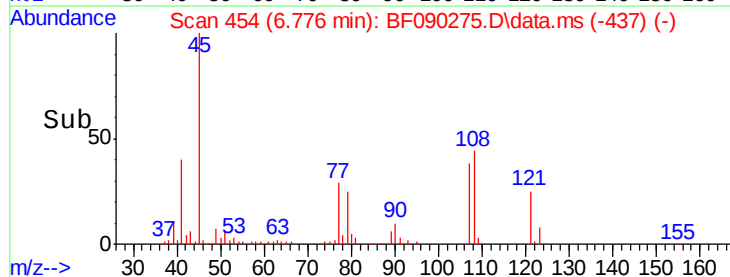
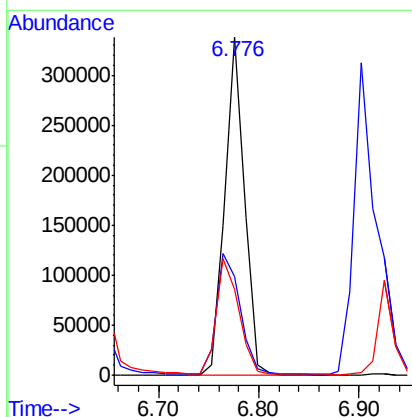
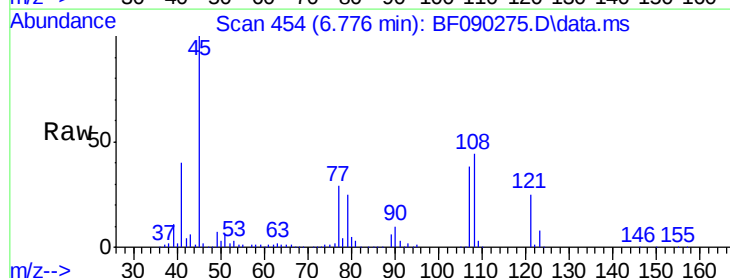
Instrument :  
BNA\_F  
ClientSampled :

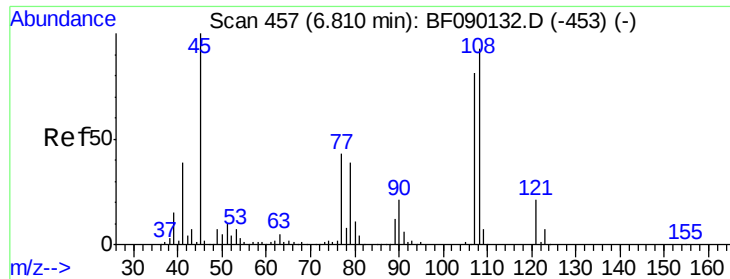
Tot Ion: 79 Resp: 263834  
Ion Ratio Lower Upper  
79 100  
108 77.1 62.2 93.4  
77 64.0 51.4 77.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.71 ng  
RT: 6.776 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

Tgt Ion: 45 Resp: 460603  
Ion Ratio Lower Upper  
45 100  
77 29.3 0.5 40.5  
79 25.5 0.0 37.0

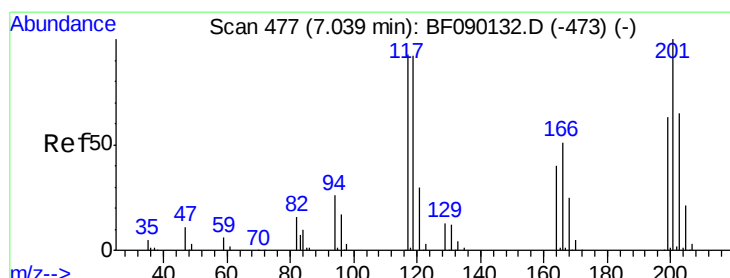
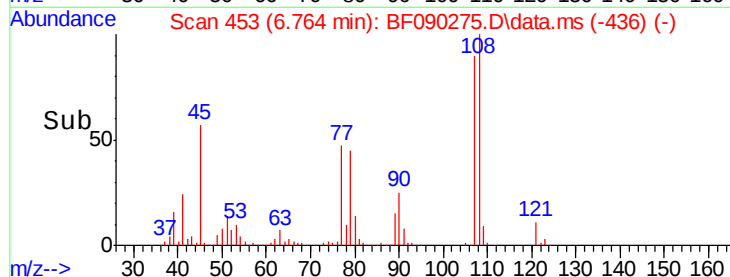
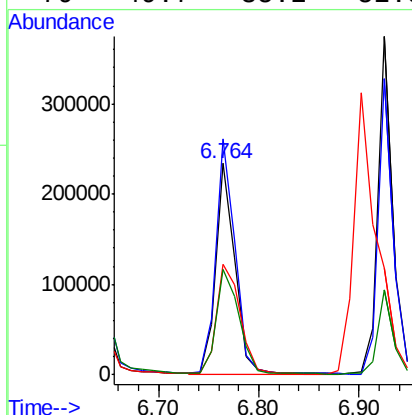
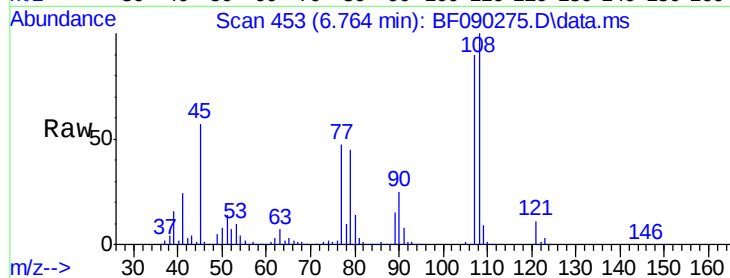




#17  
2-Methylphenol  
Concen: 36.80 ng  
RT: 6.764 min Scan# 45  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

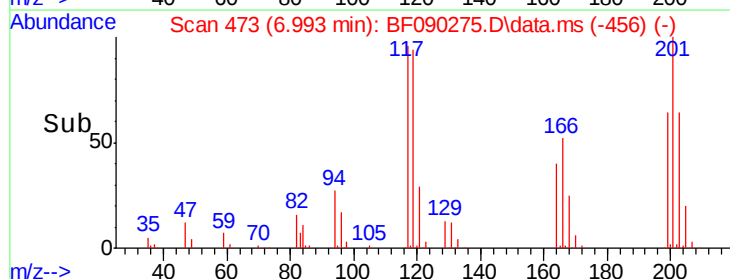
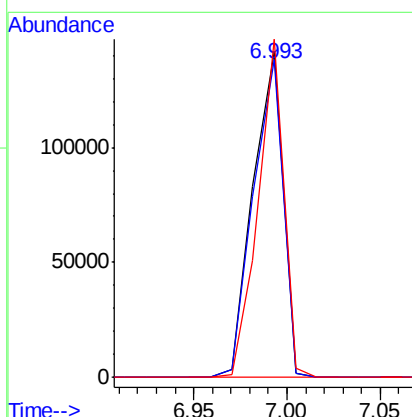
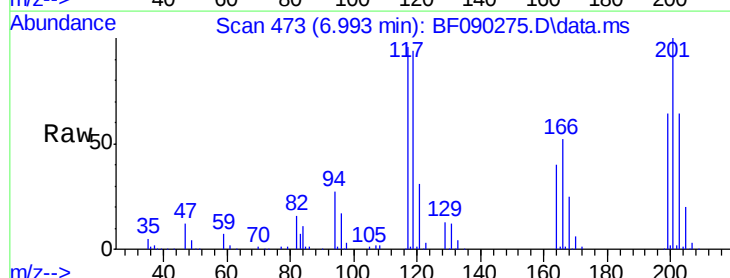
Instrument :  
BNA\_F  
ClientSampleId :

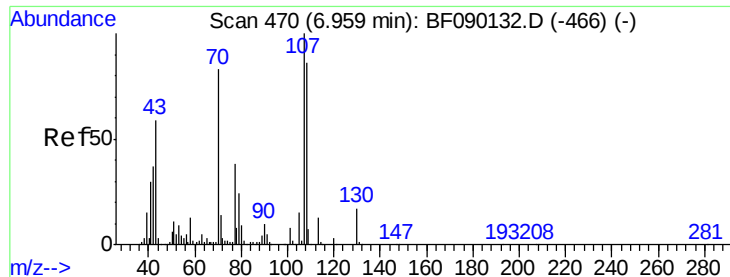
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 307602 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.7 | 92.0  | 138.0  |
| 77       | 52.2  | 35.6  | 53.4   |
| 79       | 49.7  | 35.2  | 52.8   |



#18  
Hexachloroethane  
Concen: 38.97 ng  
RT: 6.993 min Scan# 473  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 157336 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.8  | 76.6  | 115.0  |
| 201      | 104.1 | 55.5  | 83.3#  |

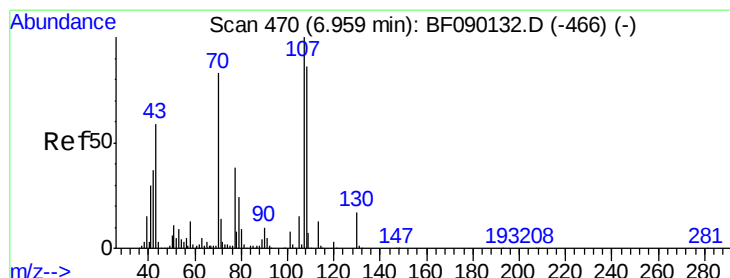
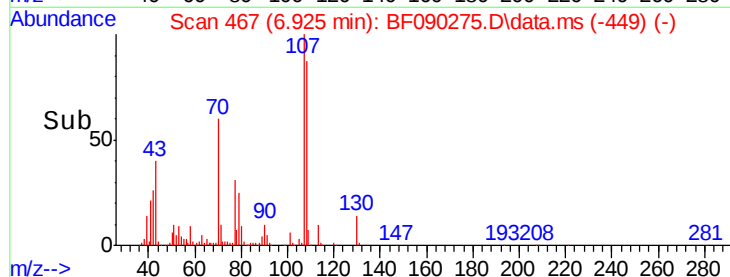
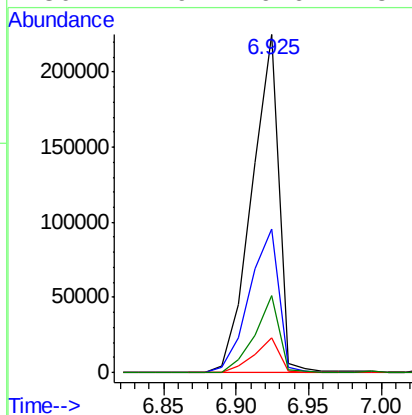
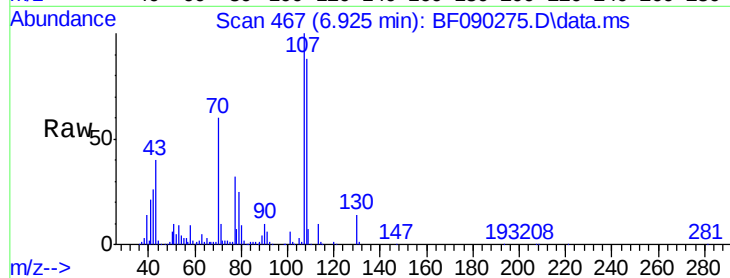




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.44 ng  
RT: 6.925 min Scan# 467  
Delta R.T. 0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

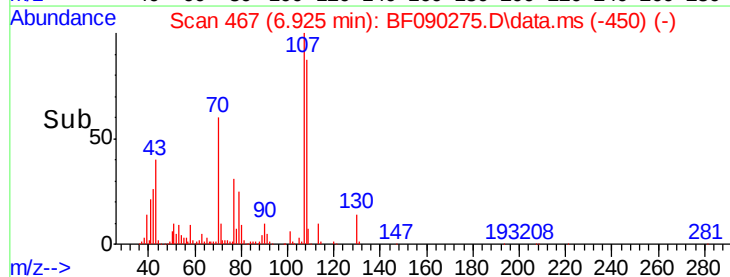
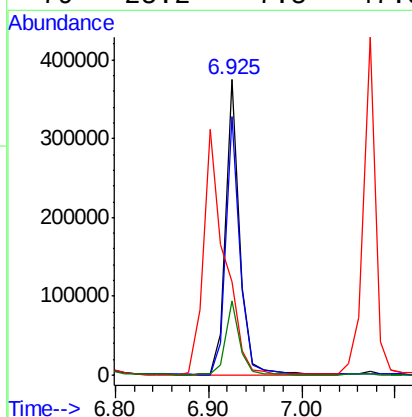
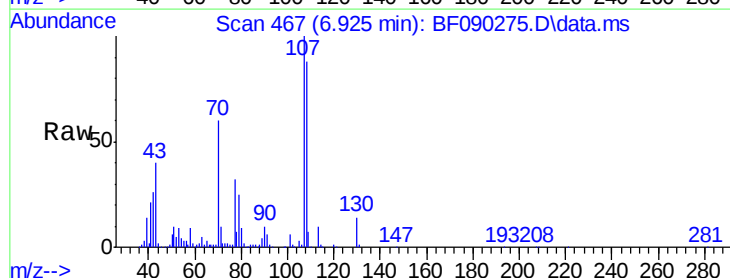
Instrument :  
BNA\_F  
ClientSampleId :

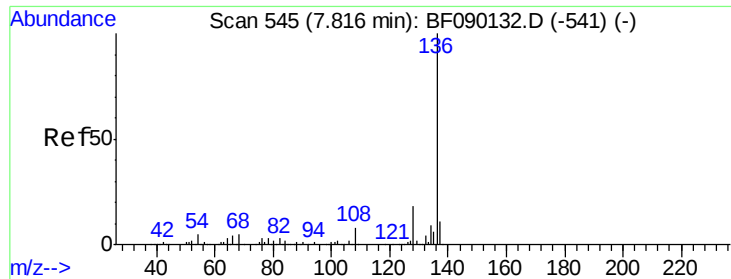
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 290615 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 42.6  | 35.1  | 52.7   |
| 101      | 10.1  | 7.5   | 11.3   |
| 130      | 22.9  | 16.6  | 25.0   |



#20  
3+4-Methylphenols  
Concen: 38.86 ng  
RT: 6.925 min Scan# 467  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 389898 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.5  | 73.3  | 113.3  |
| 77       | 31.5  | 14.1  | 54.1   |
| 79       | 25.2  | 7.5   | 47.5   |

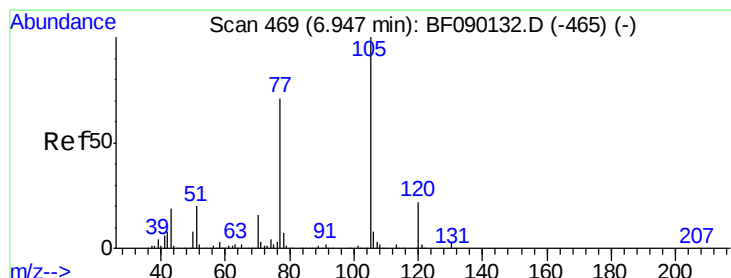
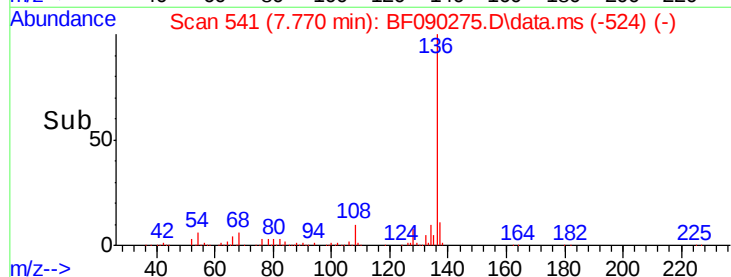
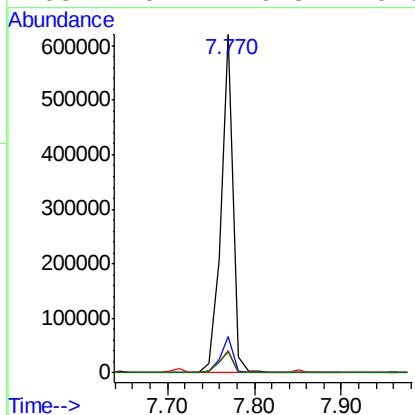
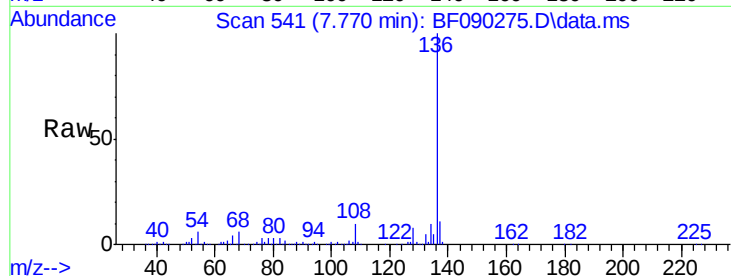




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.770 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

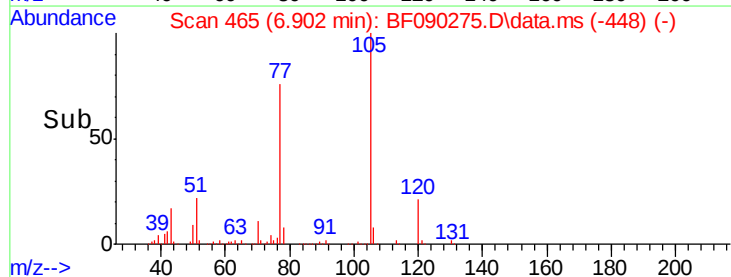
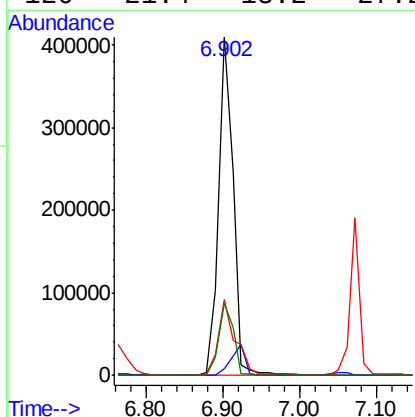
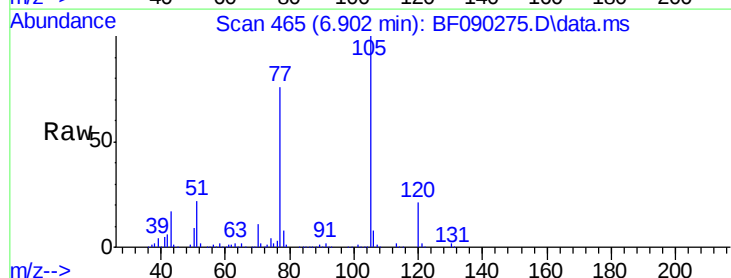
Instrument :  
BNA\_F  
ClientSampleId :

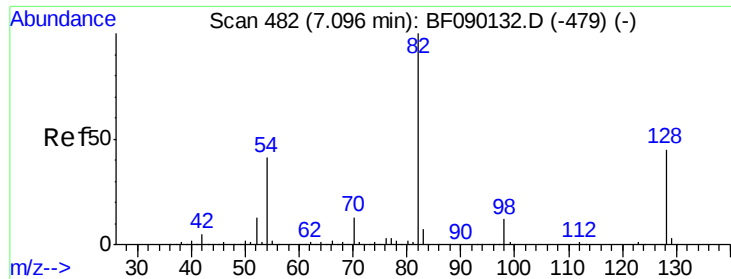
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 603074   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.8  | 9.0 13.4 |
| 54          | 6.5   | 6.4 9.6  |
| 68          | 6.2   | 6.3 9.5# |



#22  
Acetophenone  
Concen: 37.41 ng  
RT: 6.902 min Scan# 465  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 543983    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 2.0   | 4.1 6.1#  |
| 51          | 22.5  | 16.2 24.2 |
| 120         | 21.4  | 18.2 27.2 |

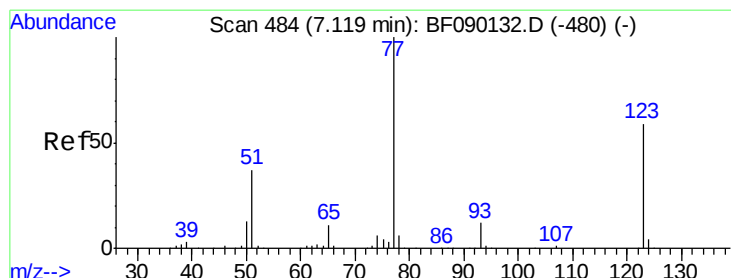
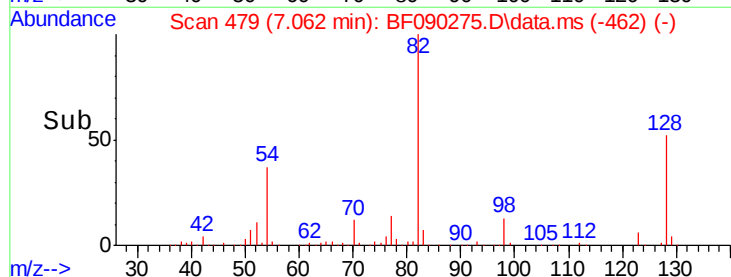
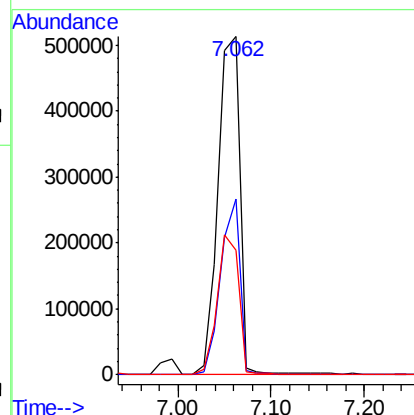
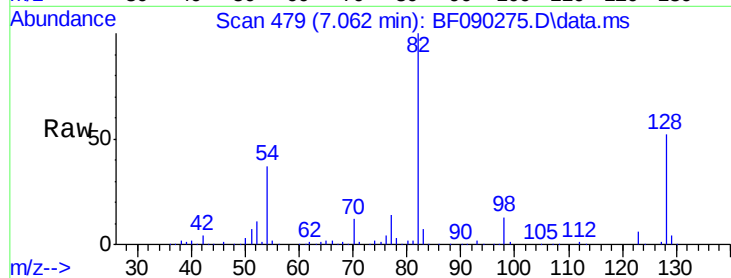




#23  
 Nitrobenzene-d5  
 Concen: 80.28 ng  
 RT: 7.062 min Scan# 47  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

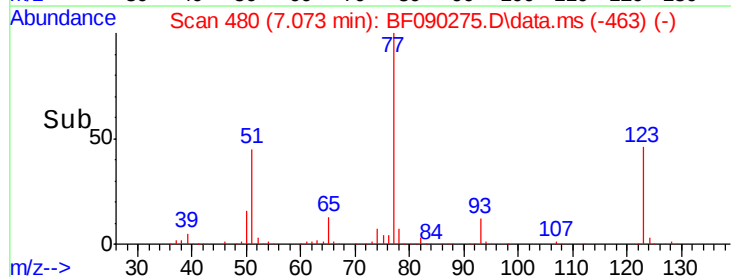
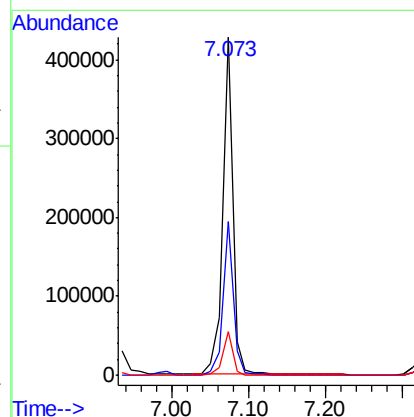
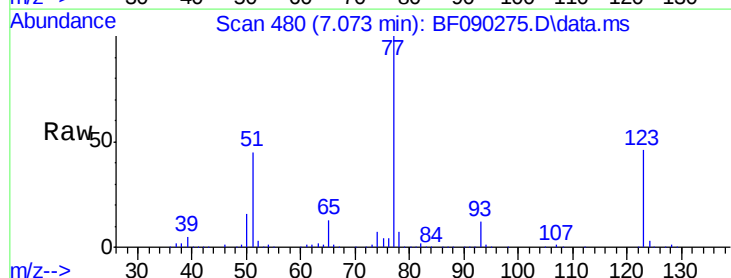
Instrument :  
 BNA\_F  
 ClientSampleId :

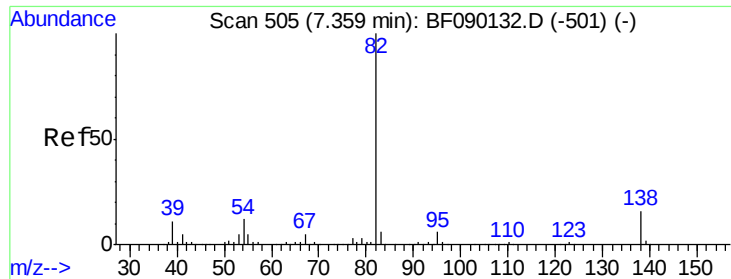
| Tot Ion   | 82   | Resp  | 835194 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 52.0 | 37.5  | 56.3   |
| 54        | 36.8 | 31.9  | 47.9   |



#24  
 Nitrobenzene  
 Concen: 35.89 ng  
 RT: 7.073 min Scan# 480  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

| Tgt Ion   | 77   | Resp  | 389020 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 45.7 | 33.4  | 50.2   |
| 65        | 12.9 | 10.1  | 15.1   |





#25

Isophorone

Concen: 37.05 ng

RT: 7.325 min Scan# 50

Delta R.T. -0.000 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

Instrument :

BNA\_F

ClientSampleId :

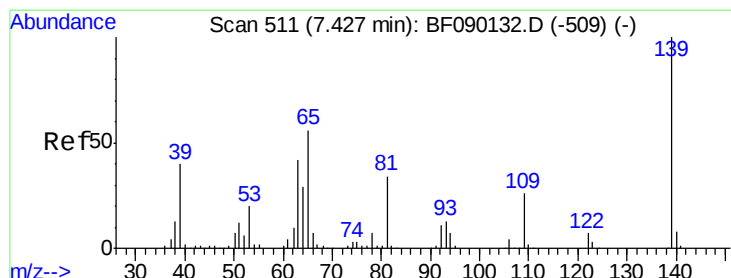
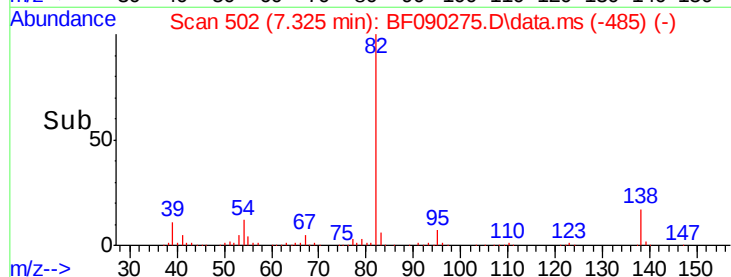
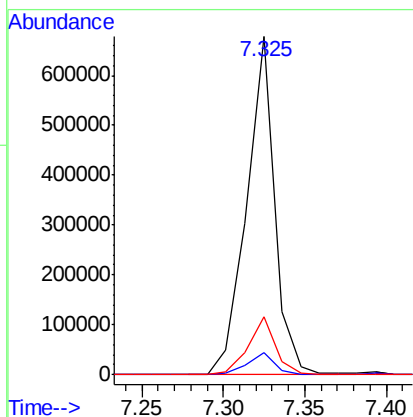
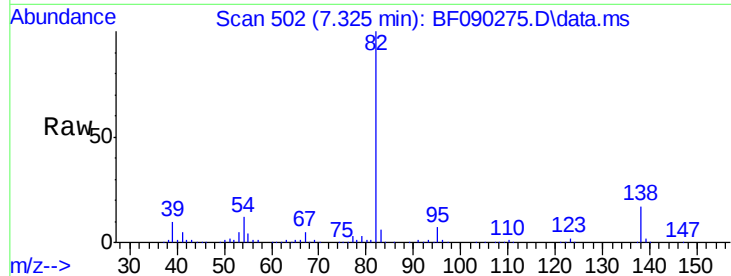
Tot Ion: 82 Resp: 805343

Ion Ratio Lower Upper

82 100

95 6.7 5.1 7.7

138 17.3 13.5 20.3



#26

2-Nitrophenol

Concen: 43.01 ng

RT: 7.393 min Scan# 508

Delta R.T. -0.000 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

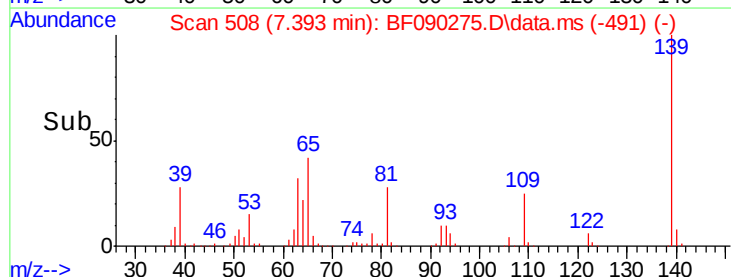
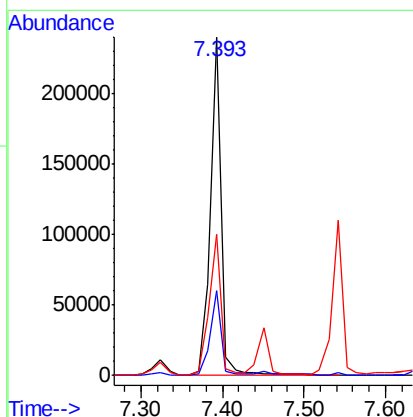
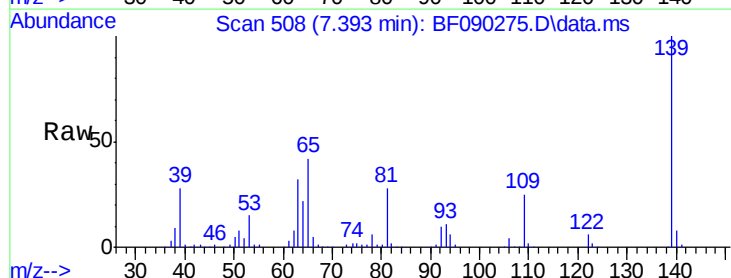
Tgt Ion: 139 Resp: 229598

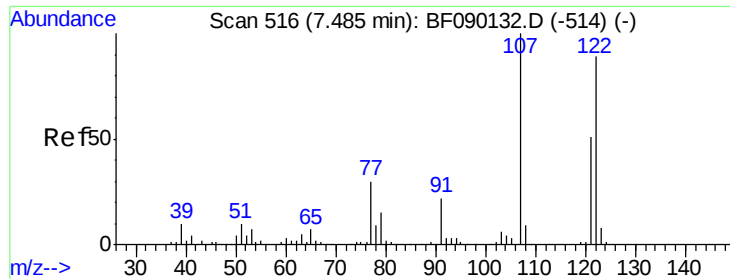
Ion Ratio Lower Upper

139 100

109 24.9 20.5 30.7

65 41.5 37.9 56.9

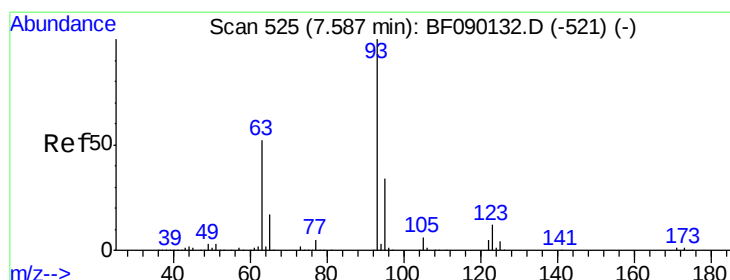
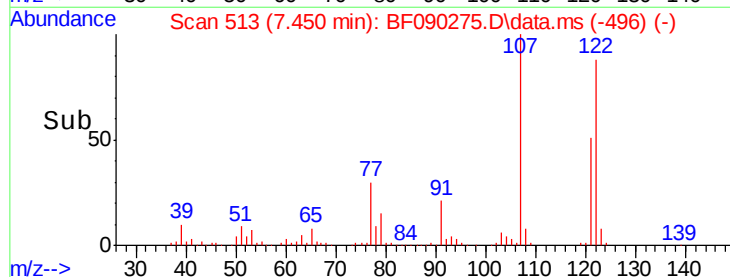
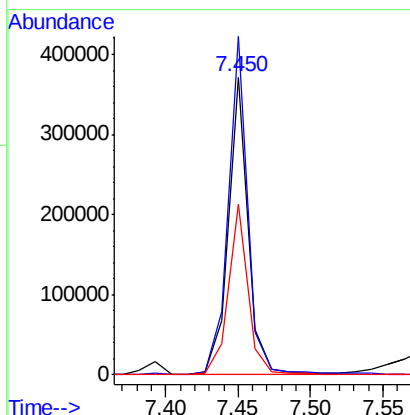
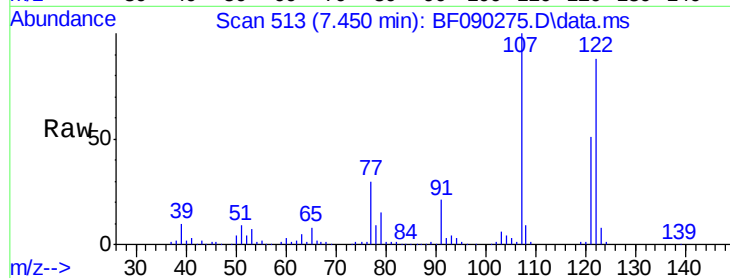




#27  
2,4-Dimethylphenol  
Concen: 37.00 ng  
RT: 7.450 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

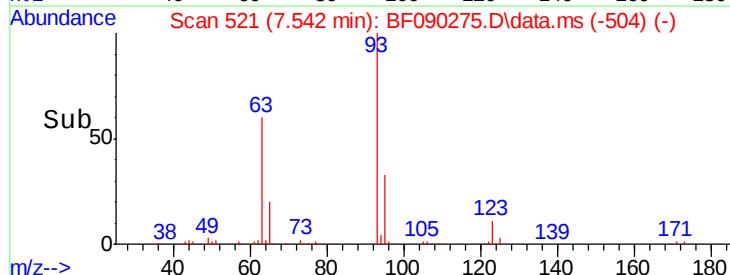
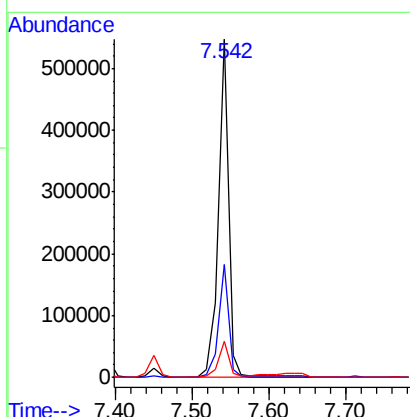
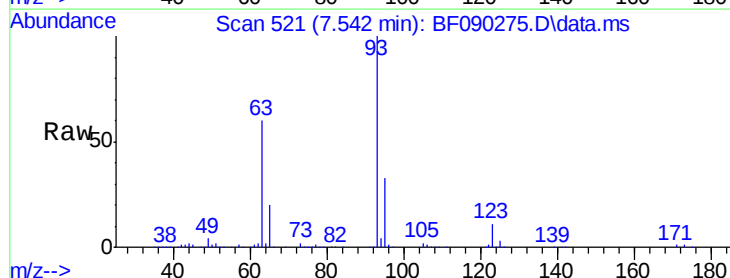
Instrument :  
BNA\_F  
ClientSampleId :

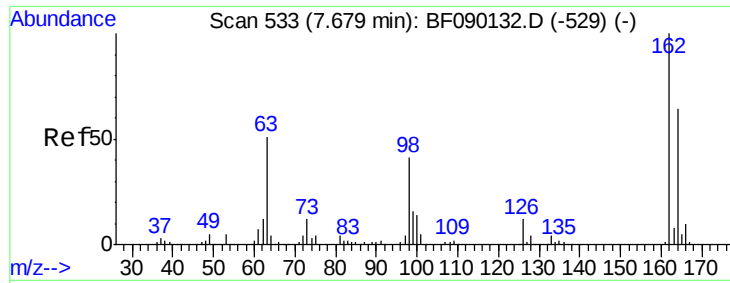
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.7 | 87.8  | 131.6 |
| 121     | 57.4  | 45.7  | 68.5  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.87 ng  
RT: 7.542 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 26.8  | 40.2  |
| 123     | 10.6  | 8.5   | 12.7  |





#29

2,4-Dichlorophenol

Concen: 38.67 ng

RT: 7.645 min Scan# 53

Delta R.T. -0.000 min

Lab File: BF090275.D

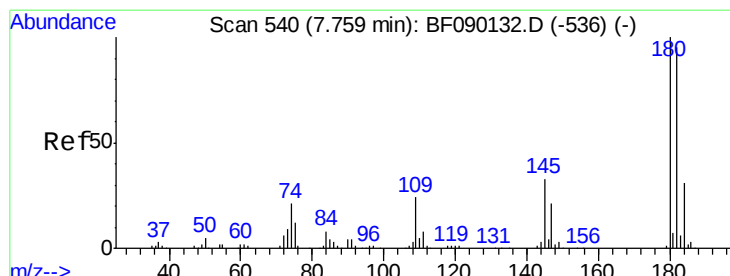
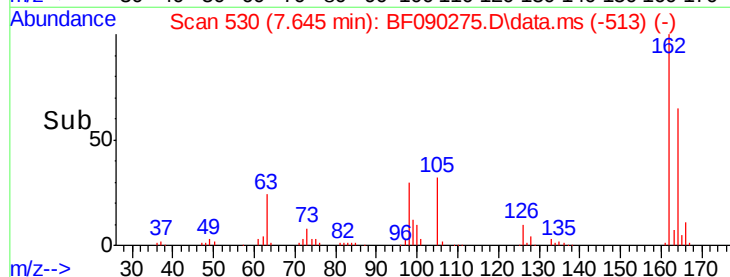
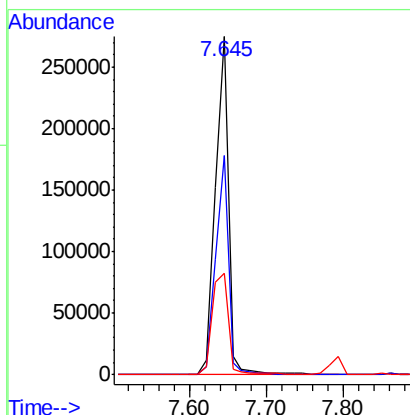
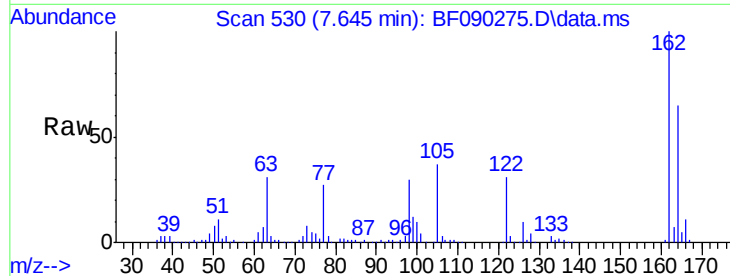
Acq: 28 Sep 2016 11:54

Instrument :

BNA\_F

ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 321646 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.9  | 46.2  | 86.2   |
| 98        | 29.9  | 10.4  | 50.4   |



#30

1,2,4-Trichlorobenzene

Concen: 36.91 ng

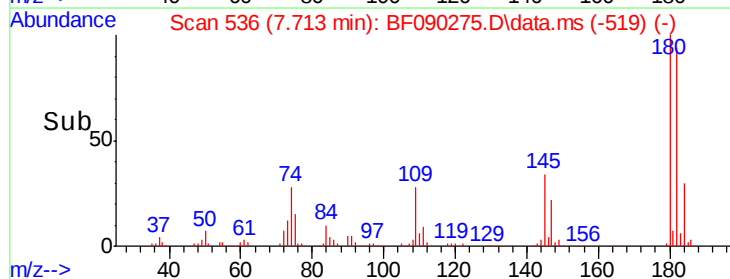
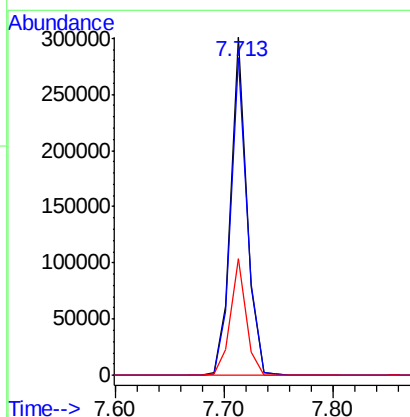
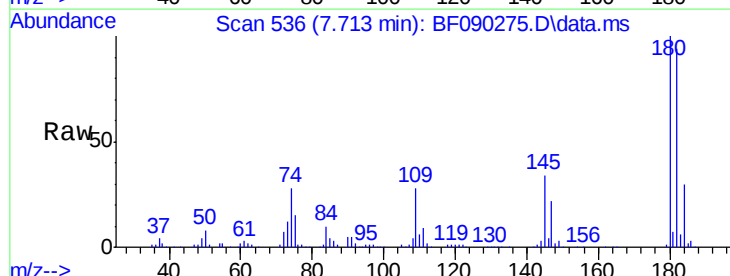
RT: 7.713 min Scan# 536

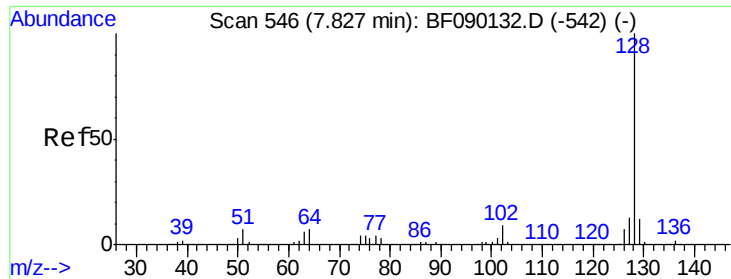
Delta R.T. -0.000 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 306638 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.0  | 75.0  | 112.6  |
| 145       | 34.5  | 28.6  | 42.8   |

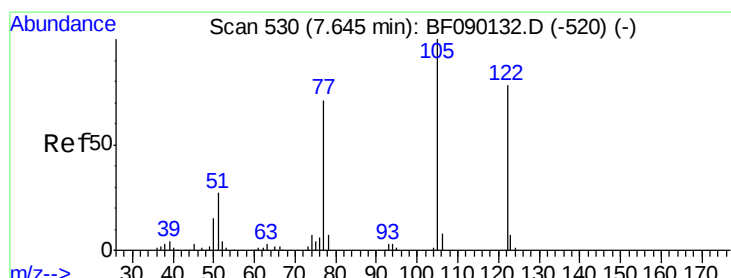
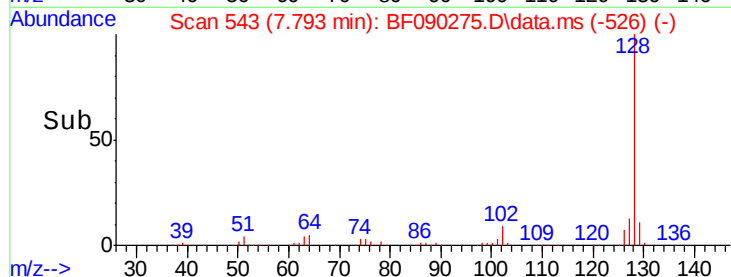
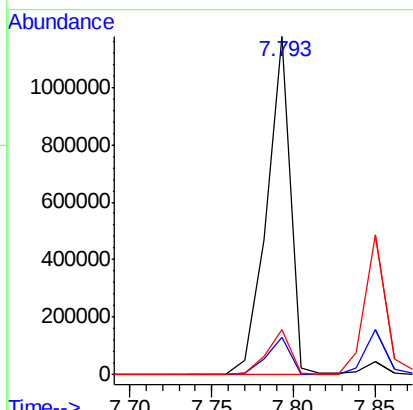
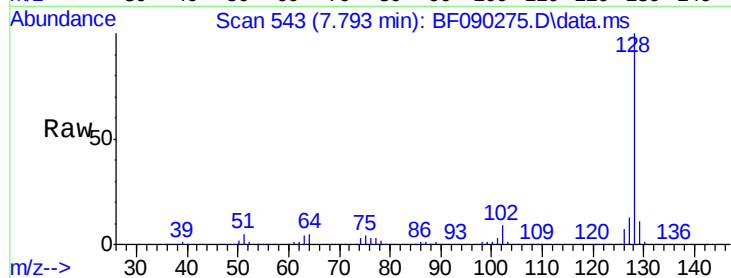




#31  
Naphthalene  
Concen: 41.32 ng  
RT: 7.793 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

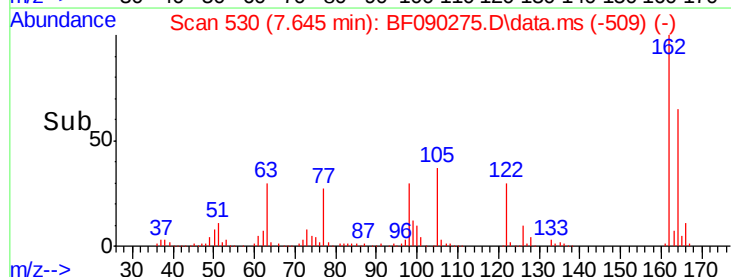
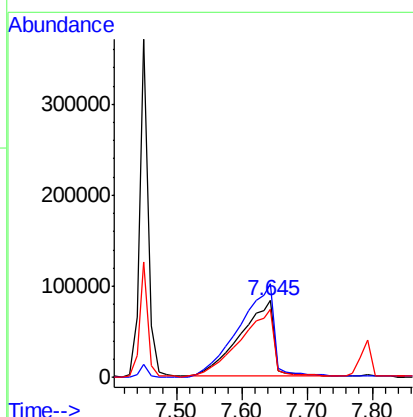
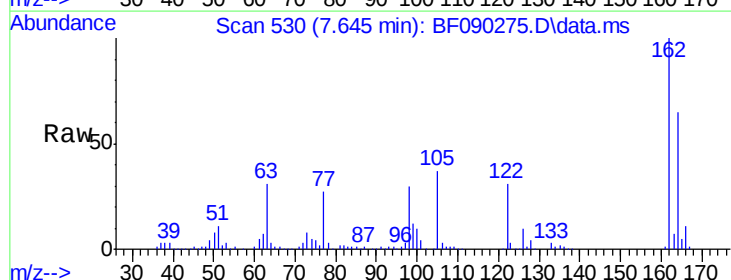
Instrument :  
BNA\_F  
ClientSampleId :

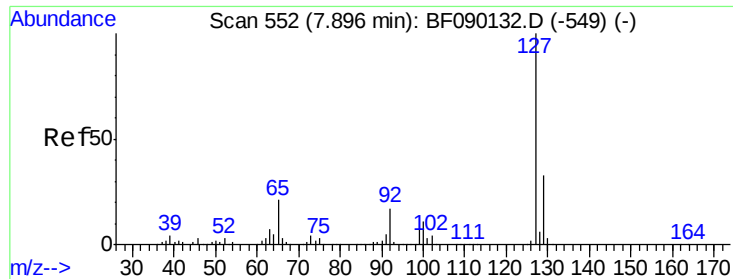
Tot Ion:128 Resp: 1186468  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.3 13.9  
127 13.4 10.8 16.2



#32  
Benzoic acid  
Concen: 47.15 ng  
RT: 7.645 min Scan# 530  
Delta R.T. 0.046 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

Tgt Ion:122 Resp: 306933  
Ion Ratio Lower Upper  
122 100  
105 121.7 105.0 145.0  
77 89.2 70.4 110.4

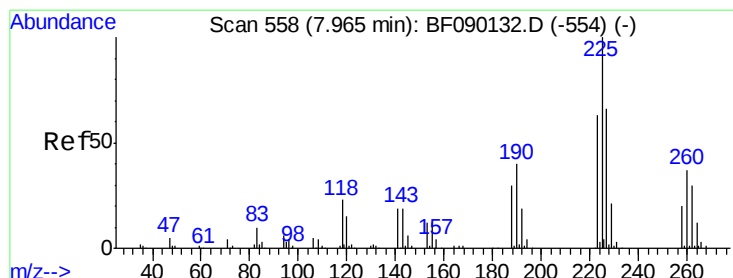
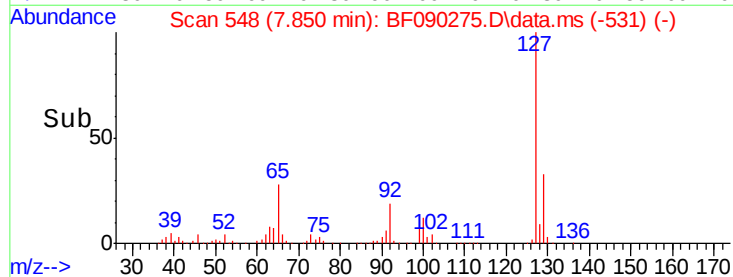
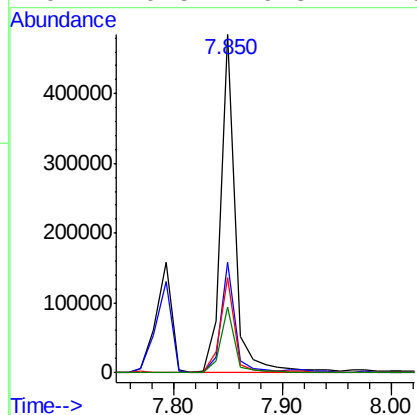
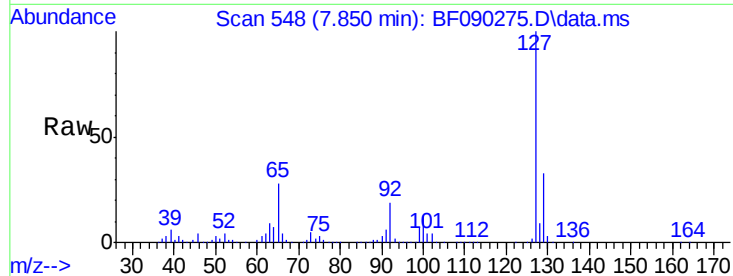




#33  
4-Chloroaniline  
Concen: 37.79 ng  
RT: 7.850 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

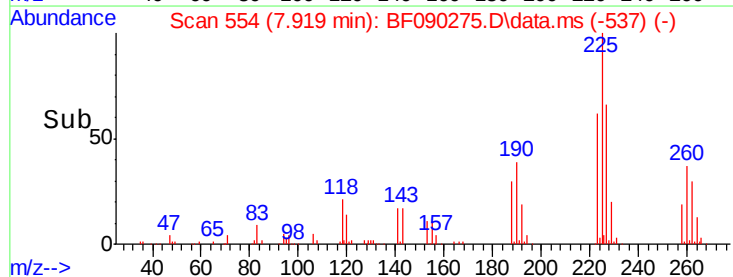
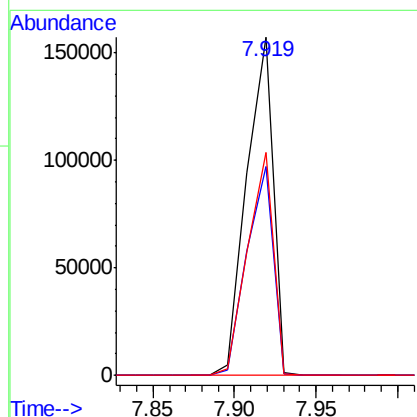
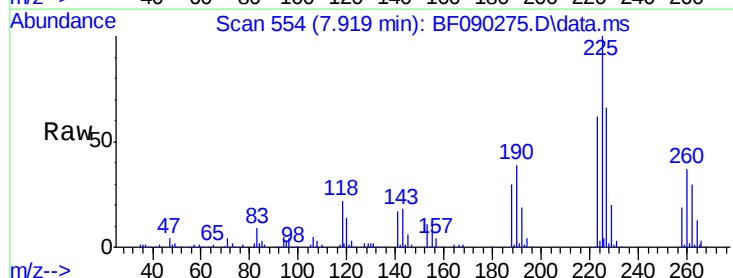
Instrument :  
BNA\_F  
ClientSampleId :

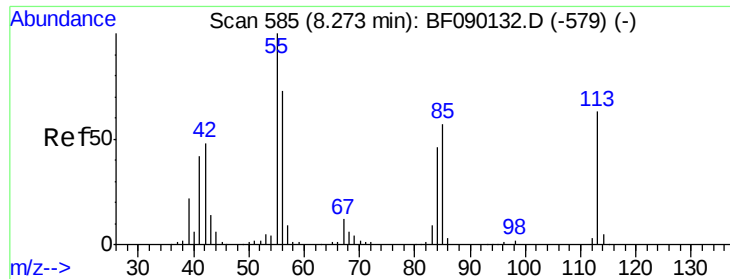
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 127   | Resp: | 450169 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.7  | 25.8  | 38.6   |
| 65        | 28.0  | 24.1  | 36.1   |
| 92        | 19.5  | 16.3  | 24.5   |



#34  
Hexachlorobutadiene  
Concen: 40.32 ng  
RT: 7.919 min Scan# 554  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 176720 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.9  | 51.3  | 76.9   |
| 227       | 66.1  | 51.4  | 77.0   |

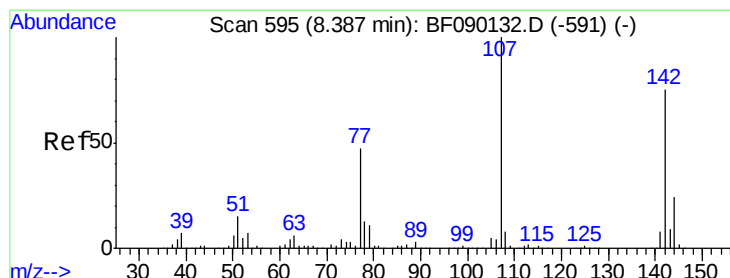
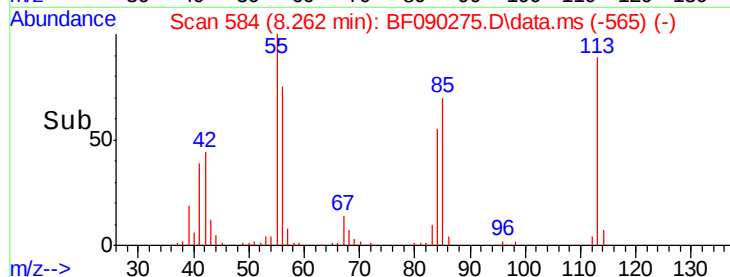
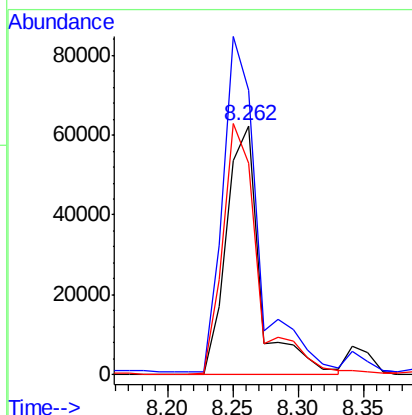
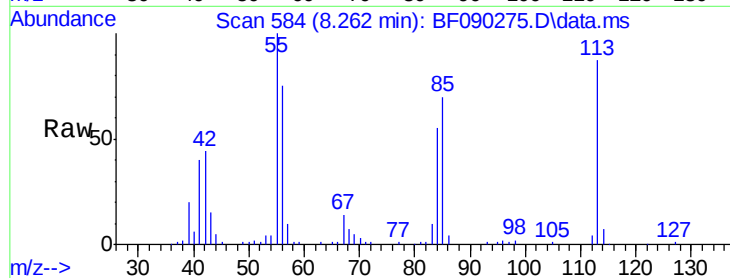




#35  
Caprolactam  
Concen: 40.72 ng  
RT: 8.262 min Scan# 58  
Delta R.T. 0.023 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

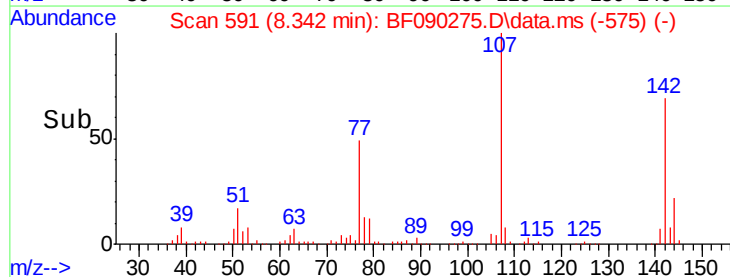
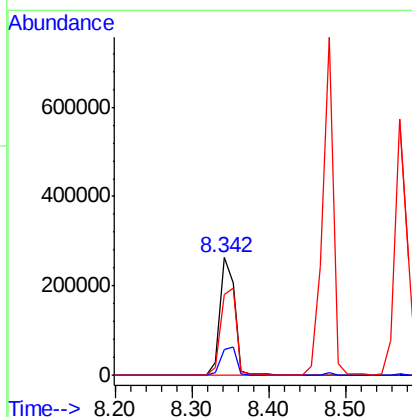
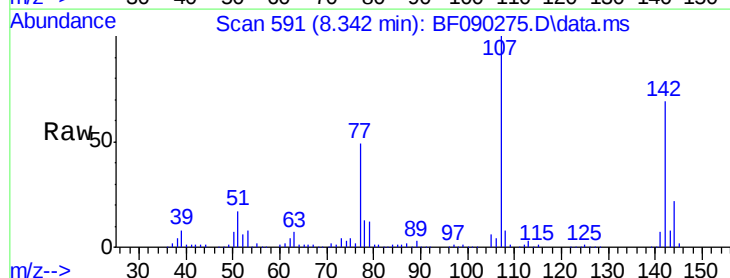
Instrument :  
BNA\_F  
ClientSampleId :

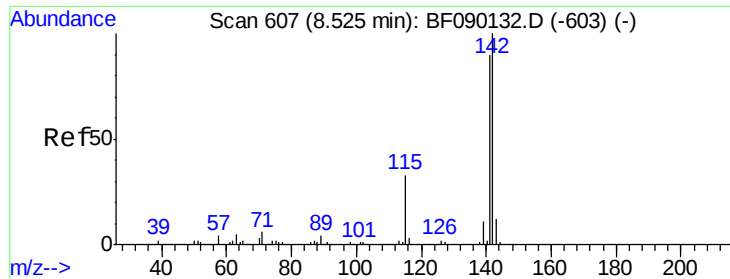
Tot Ion:113 Resp: 112106  
Ion Ratio Lower Upper  
113 100  
55 114.3 134.5 174.5#  
56 85.3 93.7 133.7#



#36  
4-Chloro-3-methylphenol  
Concen: 38.10 ng  
RT: 8.342 min Scan# 591  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

Tgt Ion:107 Resp: 358219  
Ion Ratio Lower Upper  
107 100  
144 22.4 18.6 27.8  
142 68.7 57.0 85.6

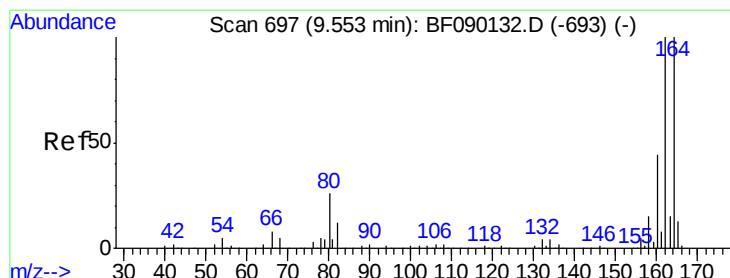
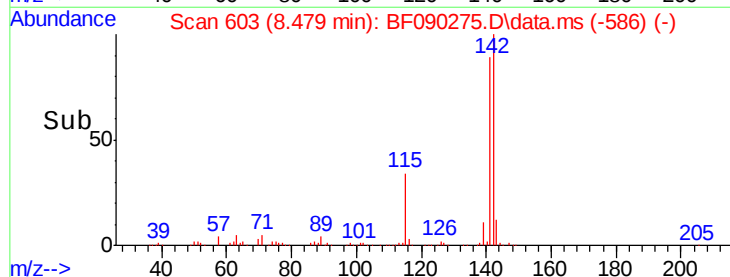
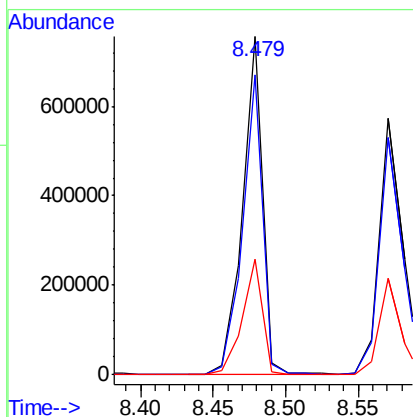
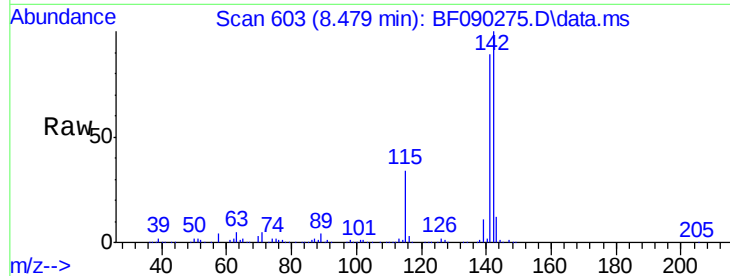




#37  
2-Methylnaphthalene  
Concen: 40.33 ng  
RT: 8.479 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

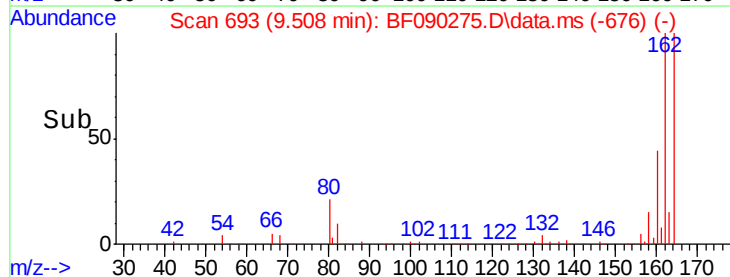
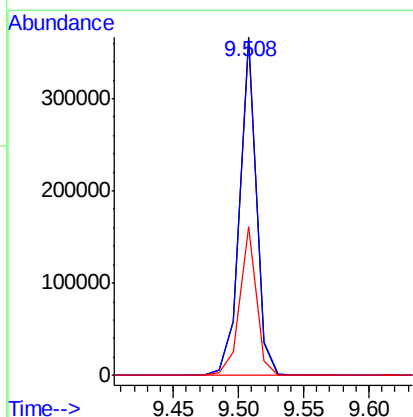
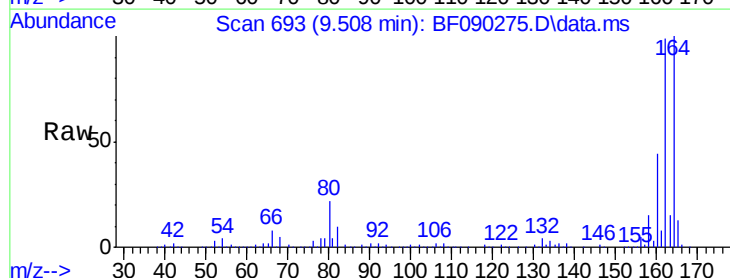
Instrument :  
BNA\_F  
ClientSampleId :

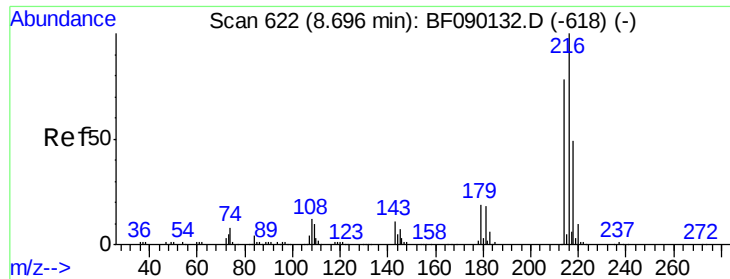
Tot Ion:142 Resp: 720175  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.4 107.2  
115 34.1 28.3 42.5



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.508 min Scan# 693  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

Tgt Ion:164 Resp: 320077  
Ion Ratio Lower Upper  
164 100  
162 99.2 81.4 122.2  
160 44.0 36.6 54.8

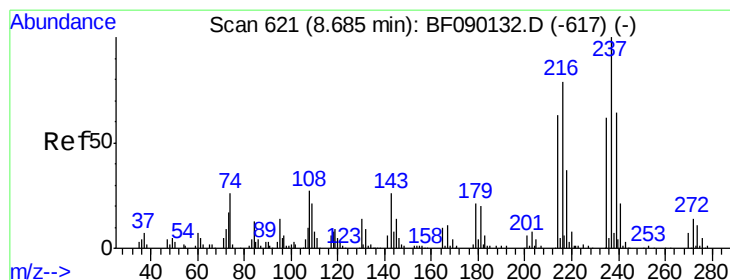
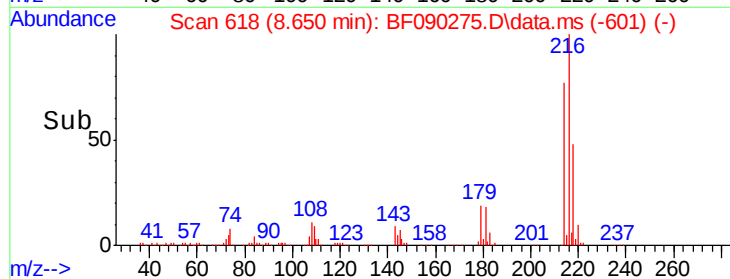
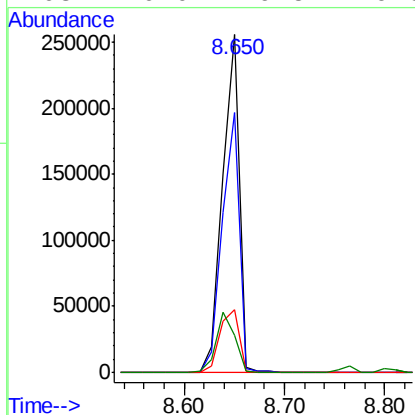
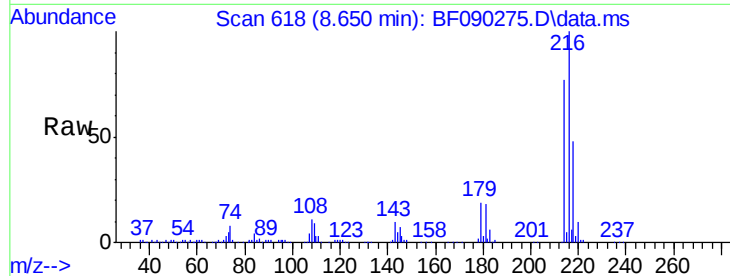




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.52 ng  
 RT: 8.650 min Scan# 611  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

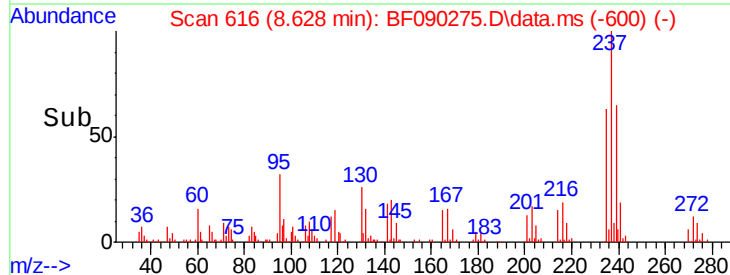
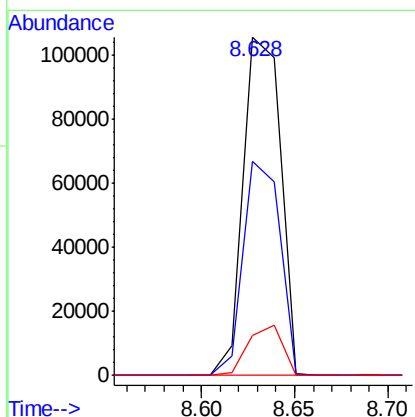
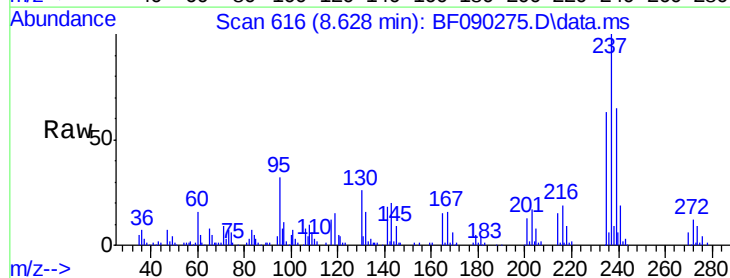
Instrument :  
 BNA\_F  
 ClientSampleId :

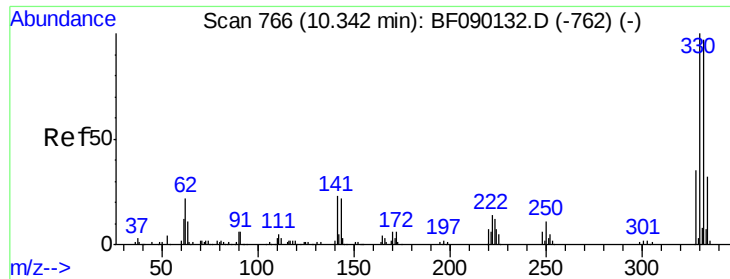
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 216   | Resp: | 297662 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.1  | 63.7  | 95.5   |
| 179       | 21.5  | 18.5  | 27.7   |
| 108       | 20.0  | 19.5  | 29.3   |



#40  
 Hexachlorocyclopentadiene  
 Concen: 40.57 ng  
 RT: 8.628 min Scan# 616  
 Delta R.T. -0.011 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 147098 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.4  | 42.5  | 82.5   |
| 272       | 11.7  | 0.0   | 32.0   |

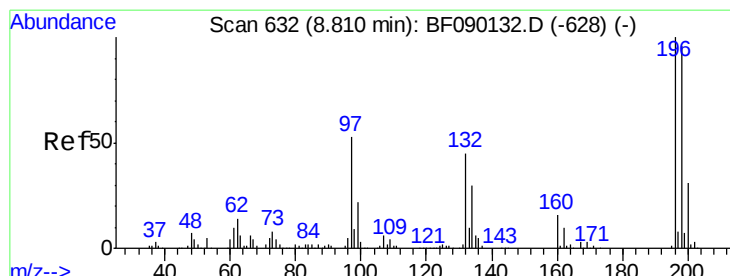
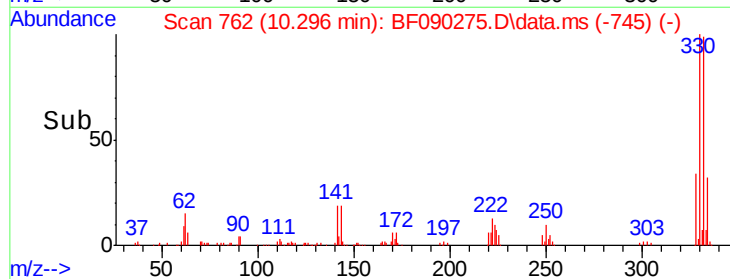
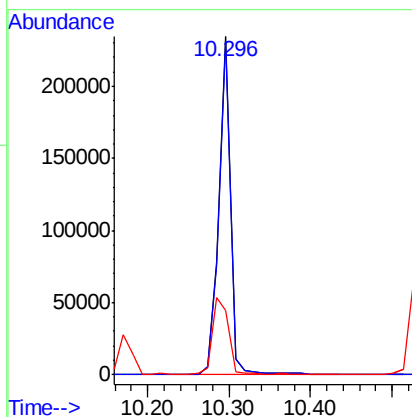
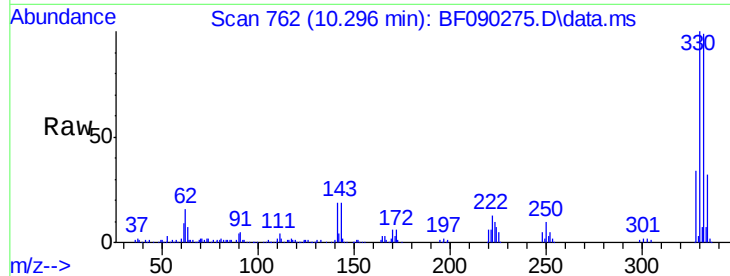




#41  
 2,4,6-Tribromophenol  
 Concen: 84.51 ng  
 RT: 10.296 min Scan# 766  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

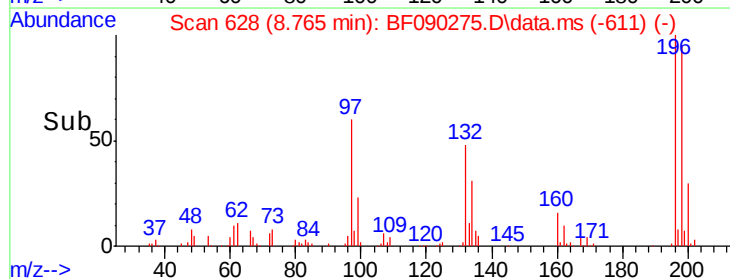
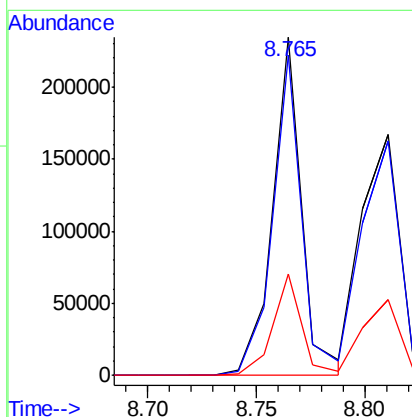
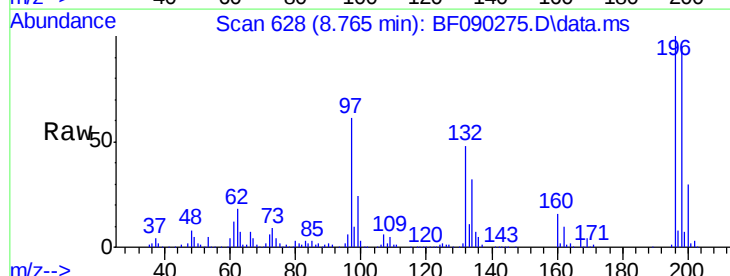
Instrument :  
 BNA\_F  
 ClientSampleId :

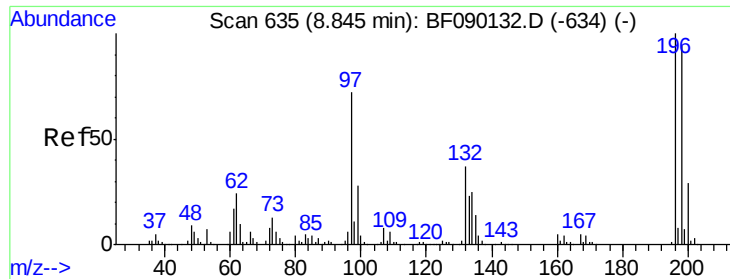
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.4  | 78.1  | 117.1 |
| 141     | 31.1  | 23.9  | 35.9  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 42.01 ng  
 RT: 8.765 min Scan# 628  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.5  | 76.3  | 114.5 |
| 200     | 30.0  | 24.1  | 36.1  |

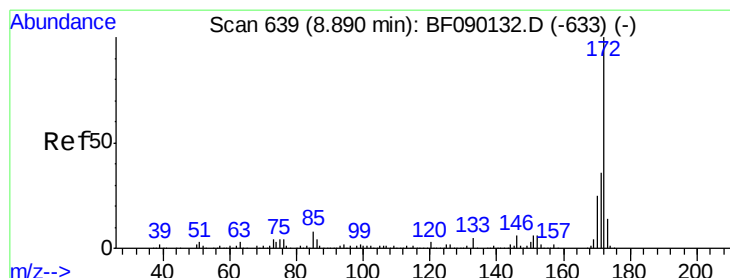
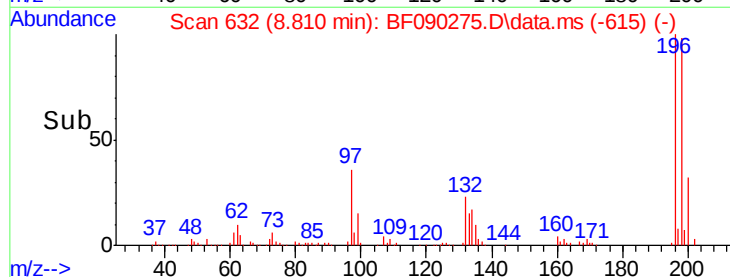
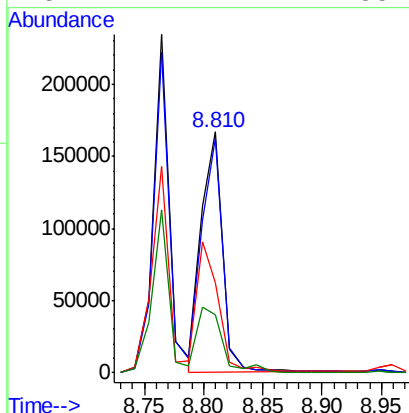
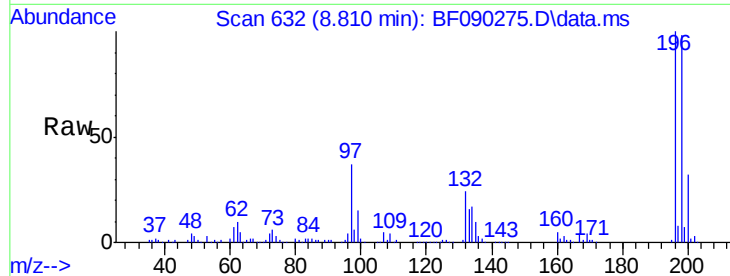




#43  
2,4,5-Trichlorophenol  
Concen: 38.73 ng  
RT: 8.810 min Scan# 631  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

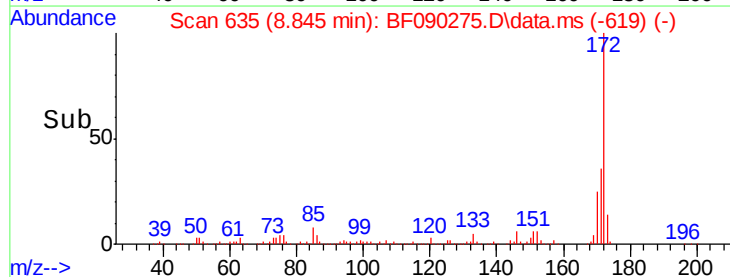
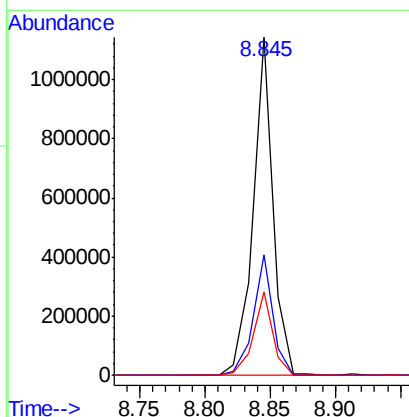
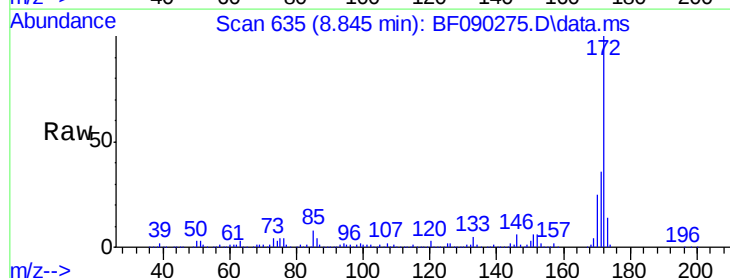
Instrument :  
BNA\_F  
ClientSampleId :

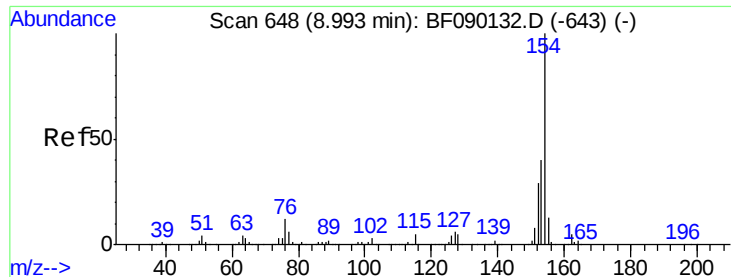
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.6  | 76.6  | 114.8 |
| 97      | 37.2  | 34.4  | 51.6  |
| 132     | 24.1  | 22.2  | 33.2  |



#44  
2-Fluorobiphenyl  
Concen: 74.56 ng  
RT: 8.845 min Scan# 635  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 29.2  | 43.8  |
| 170     | 24.5  | 19.8  | 29.8  |

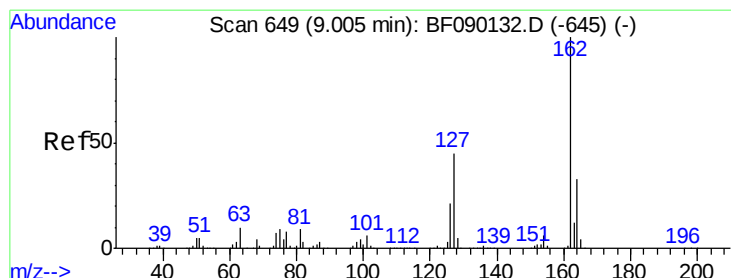
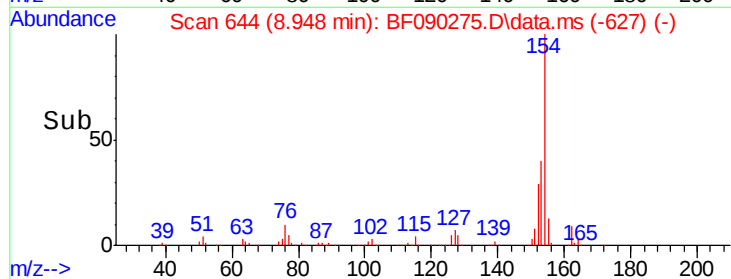
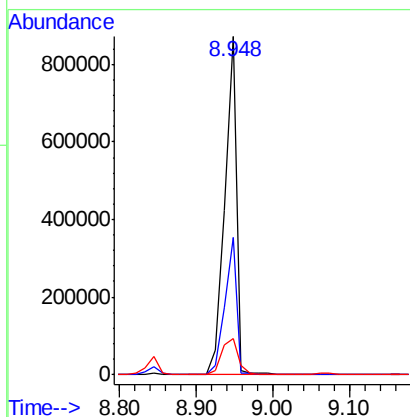
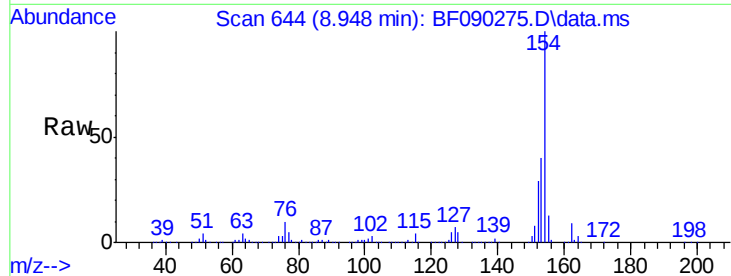




#45  
 1,1'-Biphenyl  
 Concen: 41.55 ng  
 RT: 8.948 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

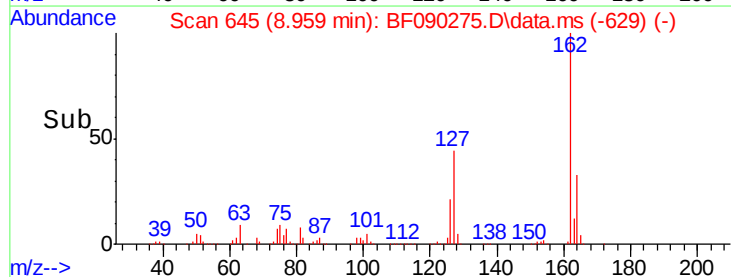
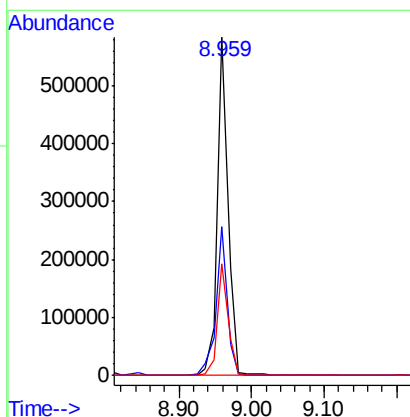
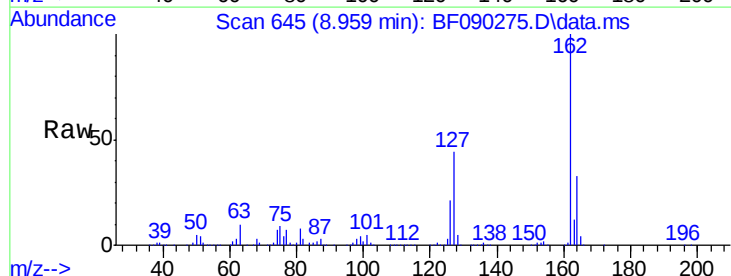
Instrument :  
 BNA\_F  
 ClientSampleId :

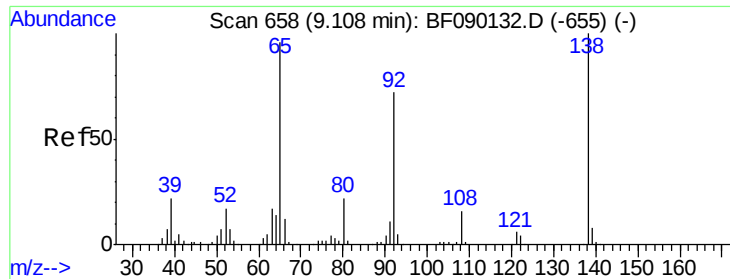
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.5  | 20.6  | 60.6  |
| 76      | 10.5  | 0.0   | 36.7  |



#46  
 2-Chloronaphthalene  
 Concen: 35.60 ng  
 RT: 8.959 min Scan# 645  
 Delta R.T. -0.011 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.9  | 34.0  | 51.0  |
| 164     | 33.0  | 26.8  | 40.2  |

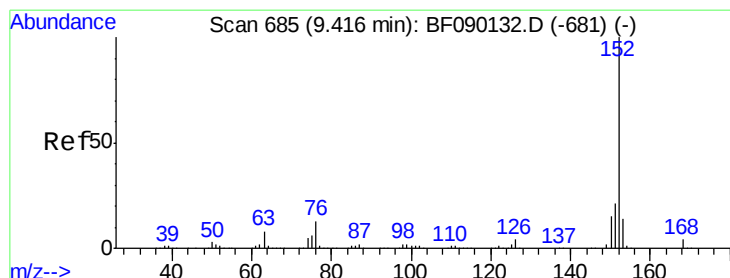
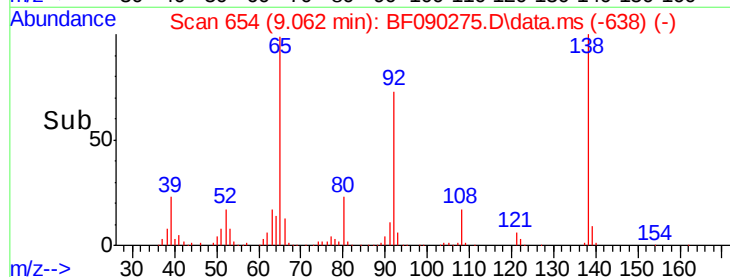
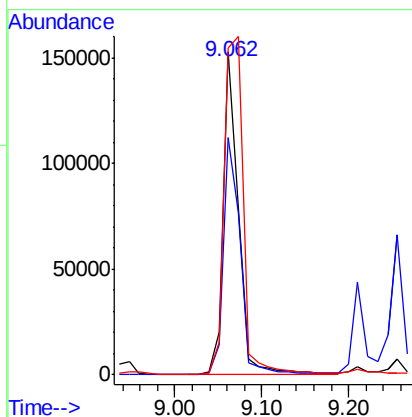
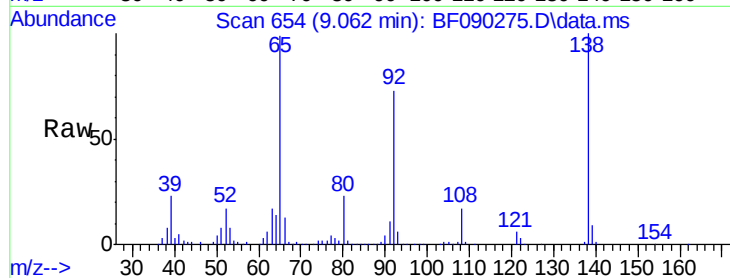




#47  
2-Nitroaniline  
Concen: 37.14 ng  
RT: 9.062 min Scan# 65  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

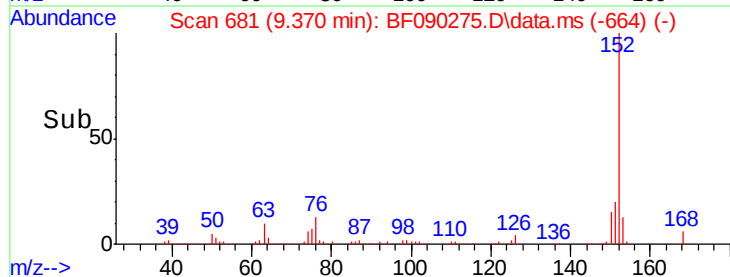
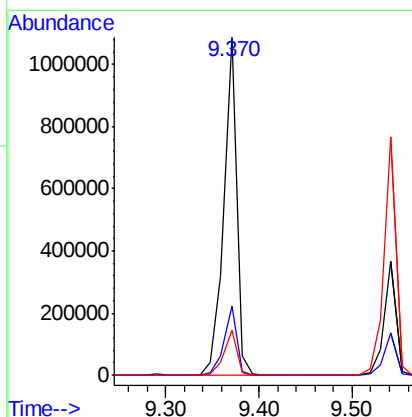
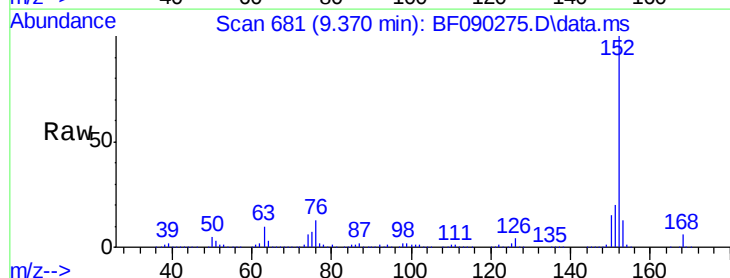
Instrument :  
BNA\_F  
ClientSampleId :

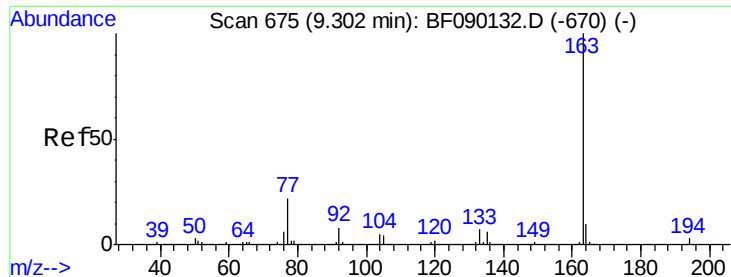
Tot Ion: 65 Resp: 189178  
Ion Ratio Lower Upper  
65 100  
92 73.2 66.1 99.1  
138 100.9 104.1 156.1#



#48  
Acenaphthylene  
Concen: 37.98 ng  
RT: 9.370 min Scan# 681  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

Tgt Ion: 152 Resp: 1041933  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.5 24.7  
153 13.5 10.6 15.8

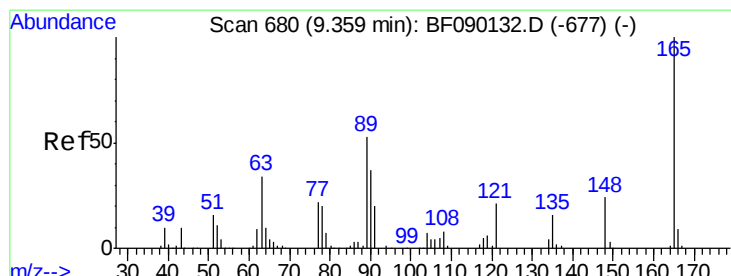
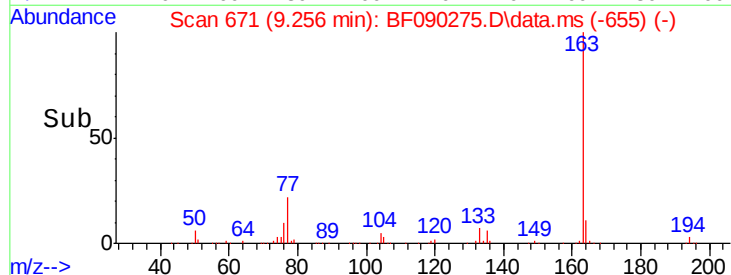
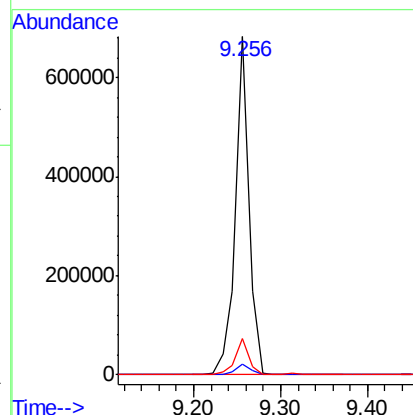
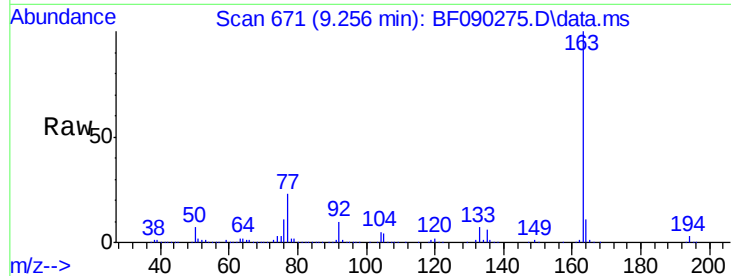




#49  
Dimethylphthalate  
Concen: 36.05 ng  
RT: 9.256 min Scan# 671  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

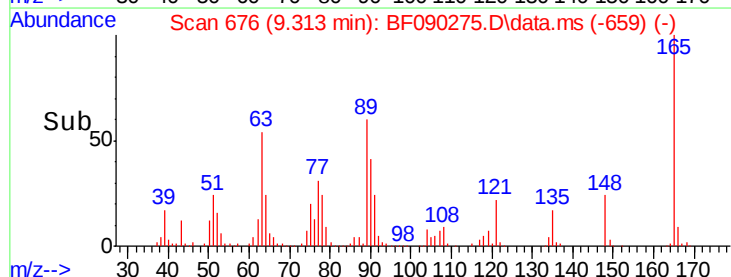
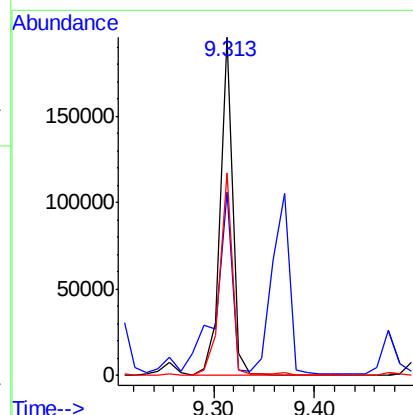
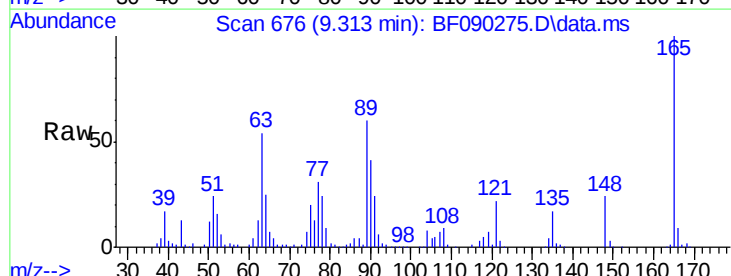
Instrument :  
BNA\_F  
ClientSampled :

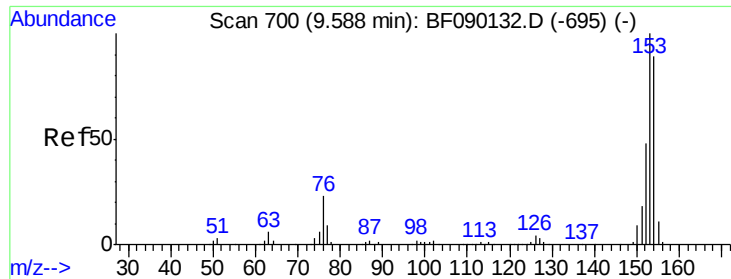
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.0   | 2.8   | 4.2   |
| 164     | 10.7  | 8.1   | 12.1  |



#50  
2,6-Dinitrotoluene  
Concen: 37.15 ng  
RT: 9.313 min Scan# 676  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 54.1  | 49.9  | 74.9  |
| 89      | 59.9  | 51.0  | 76.4  |





#51

Acenaphthene

Concen: 37.28 ng

RT: 9.542 min Scan# 69

Delta R.T. -0.000 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

Instrument :

BNA\_F

ClientSampleId :

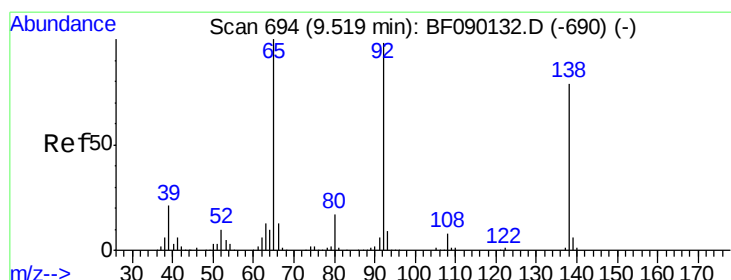
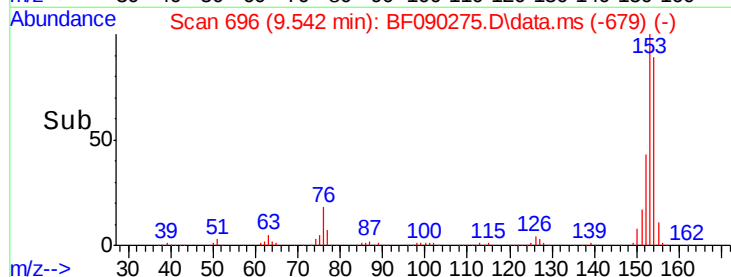
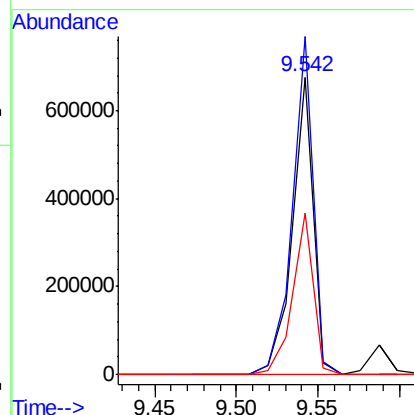
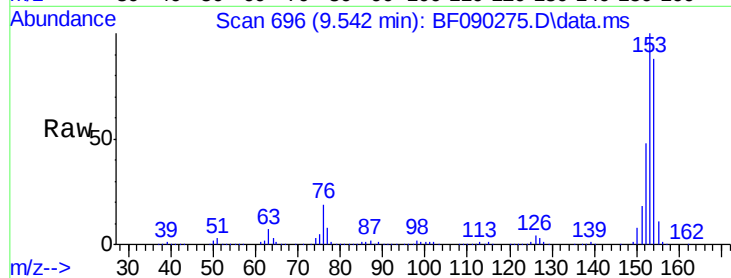
Tot Ion:154 Resp: 607084

Ion Ratio Lower Upper

154 100

153 113.6 90.8 136.2

152 54.3 44.2 66.4



#52

3-Nitroaniline

Concen: 34.54 ng

RT: 9.473 min Scan# 690

Delta R.T. -0.011 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

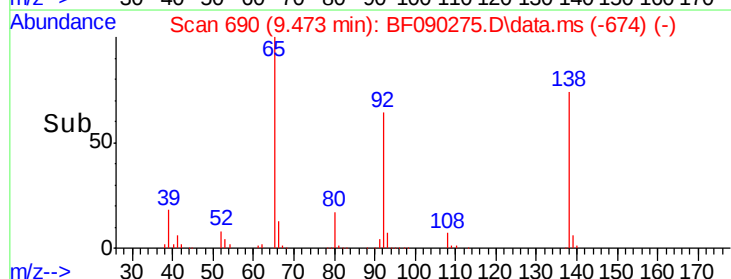
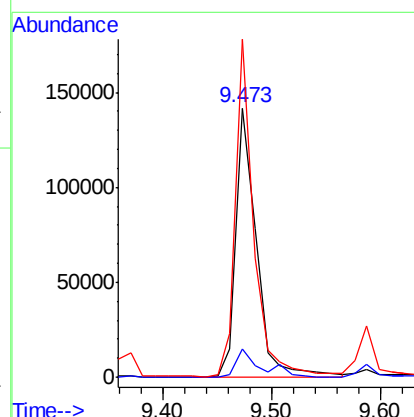
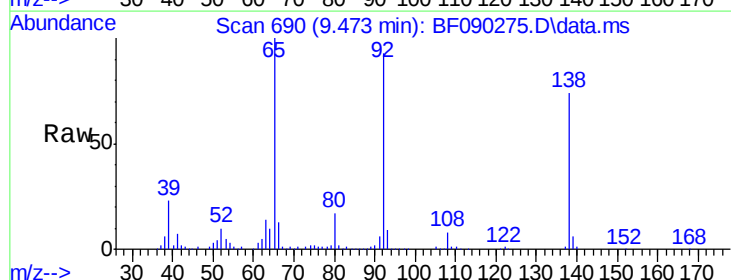
Tgt Ion:138 Resp: 184029

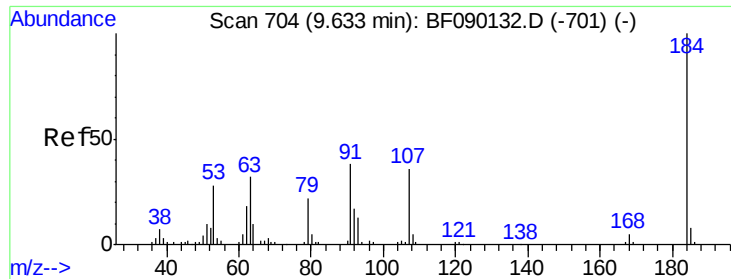
Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.6

92 125.4 90.7 136.1

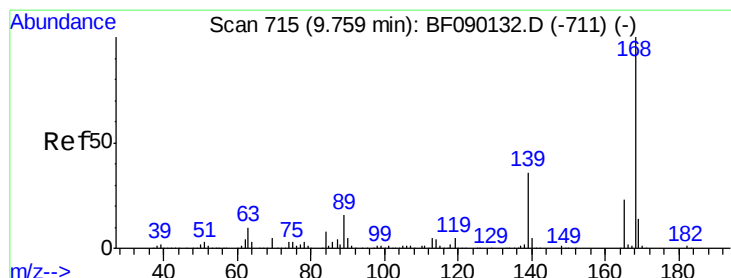
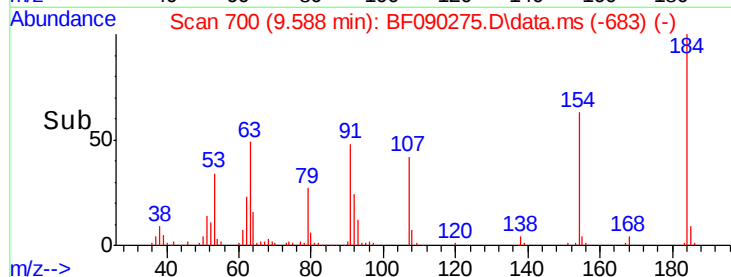
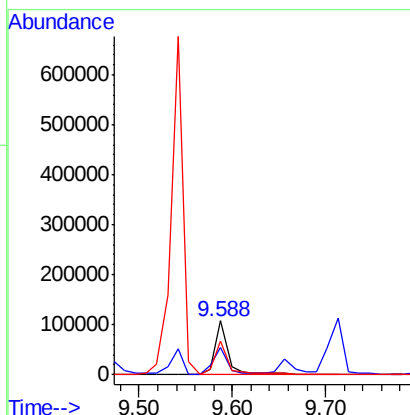
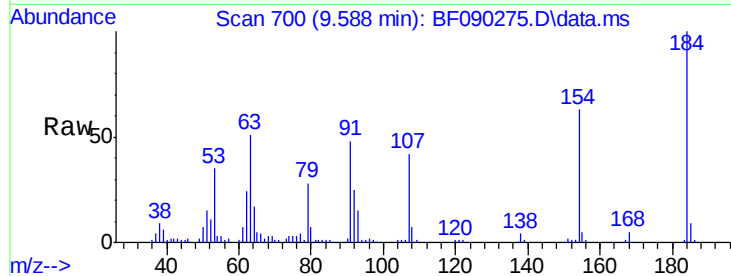




#53  
 2,4-Dinitrophenol  
 Concen: 43.15 ng  
 RT: 9.588 min Scan# 70  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

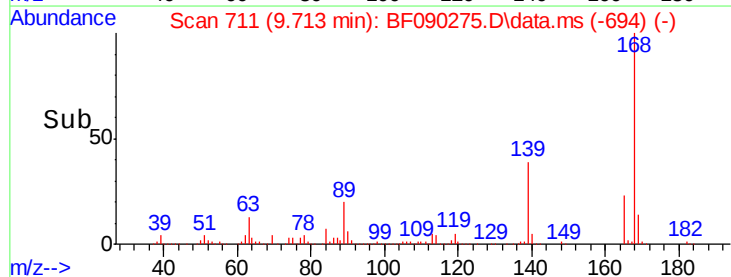
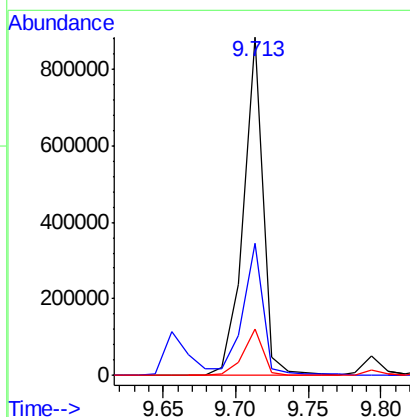
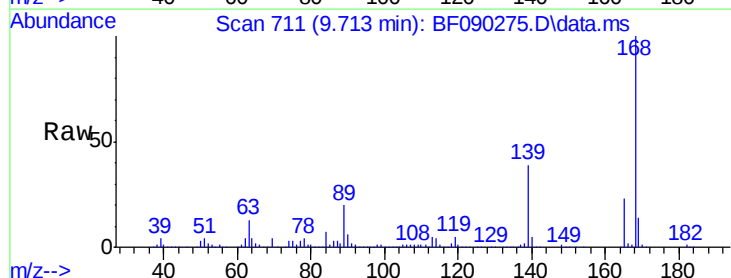
Instrument :  
 BNA\_F  
 ClientSampleId :

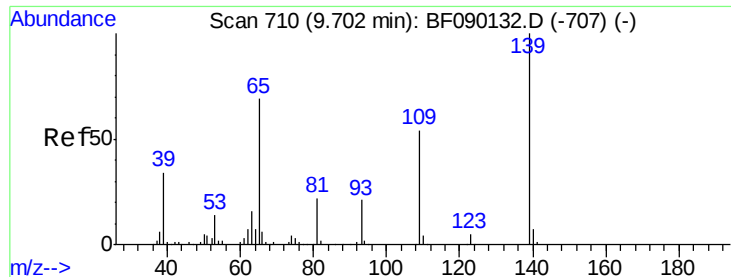
Tot Ion:184 Resp: 105824  
 Ion Ratio Lower Upper  
 184 100  
 63 50.7 44.6 67.0  
 154 62.8 49.7 74.5



#54  
 Dibenzofuran  
 Concen: 38.71 ng  
 RT: 9.713 min Scan# 711  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

Tgt Ion:168 Resp: 829628  
 Ion Ratio Lower Upper  
 168 100  
 139 39.1 28.8 43.2  
 169 13.5 10.7 16.1

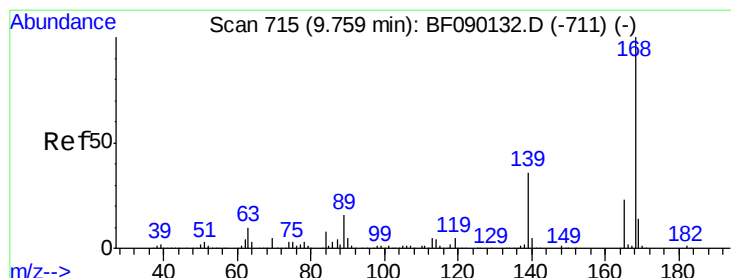
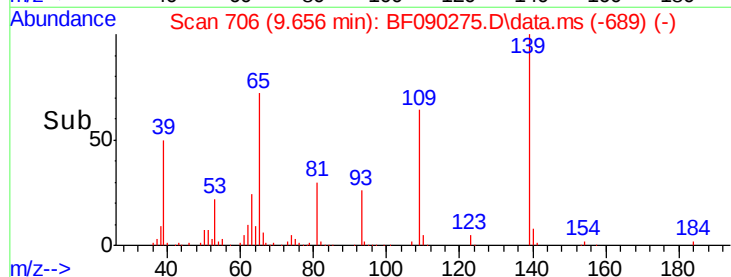
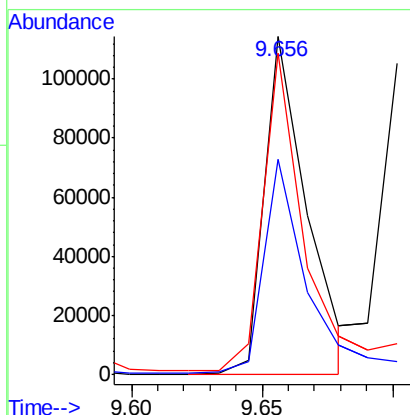
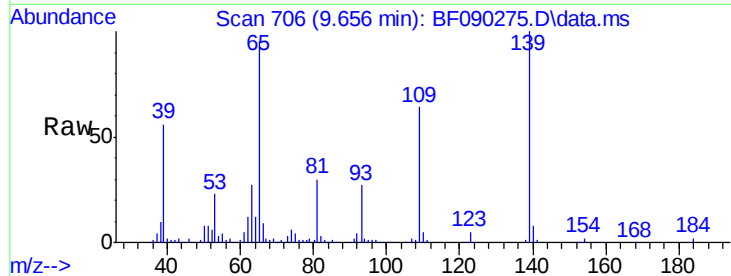




#55  
4-Nitrophenol  
Concen: 35.71 ng  
RT: 9.656 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

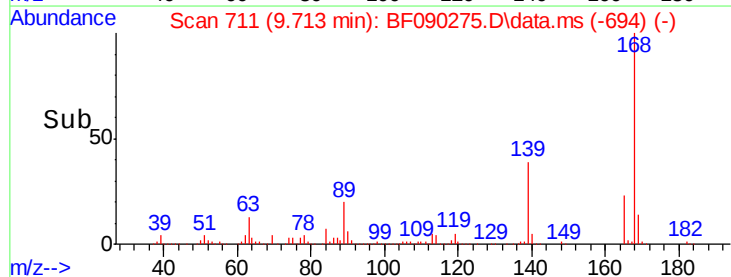
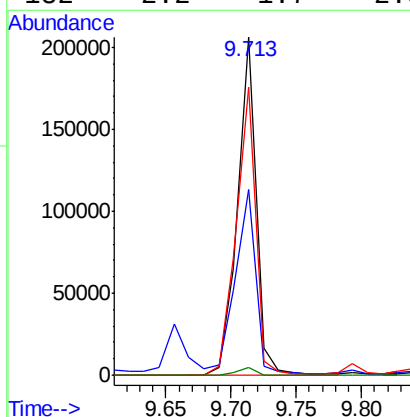
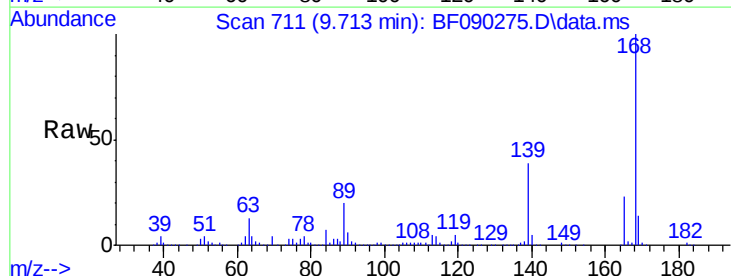
Instrument :  
BNA\_F  
ClientSampleId :

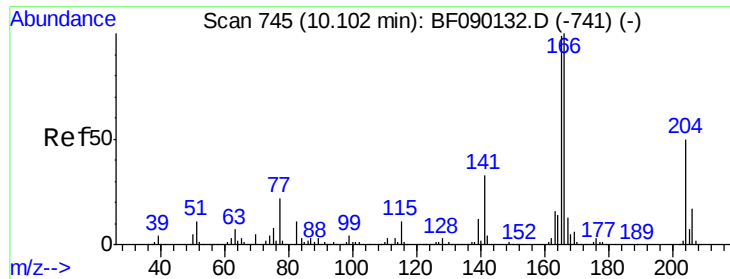
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 130322 |       |       |
| 109     | 63.8  | 35.6   | 75.6  |       |
| 65      | 94.9  | 55.5   | 95.5  |       |



#56  
2,4-Dinitrotoluene  
Concen: 38.27 ng  
RT: 9.713 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 205612 |       |       |
| 63      | 55.1  | 44.4   | 66.6  |       |
| 89      | 85.1  | 70.1   | 105.1 |       |
| 182     | 2.2   | 1.7    | 2.5   |       |

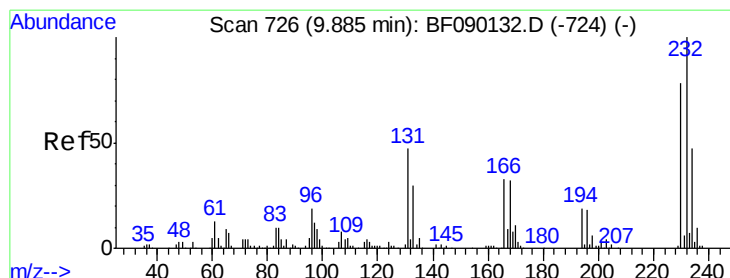
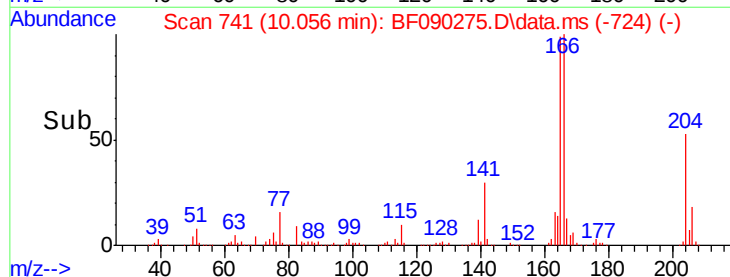
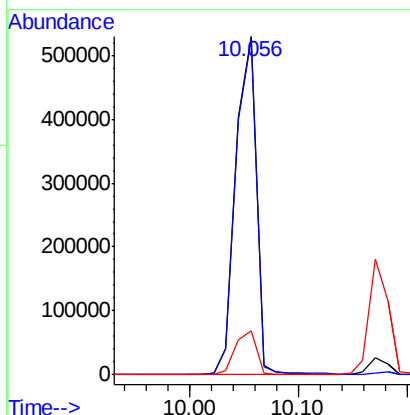
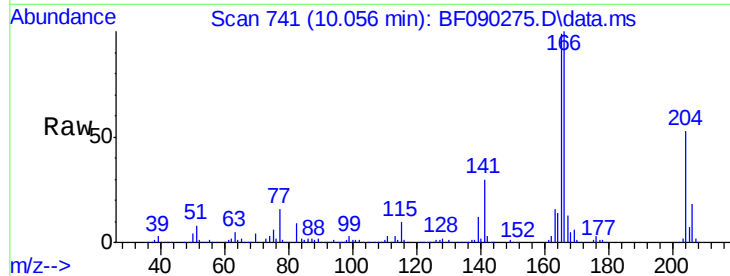




#57  
 Fluorene  
 Concen: 42.51 ng  
 RT: 10.056 min Scan# 741  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

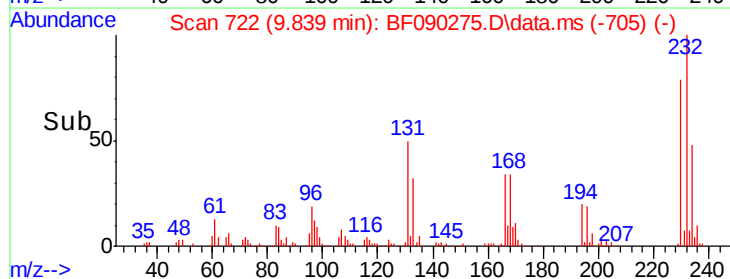
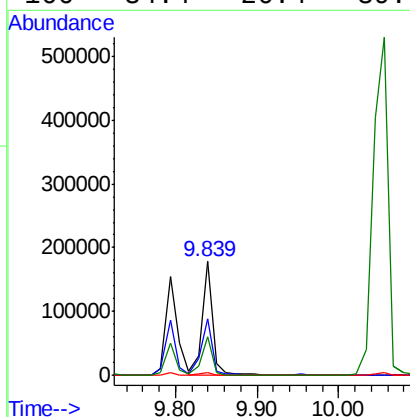
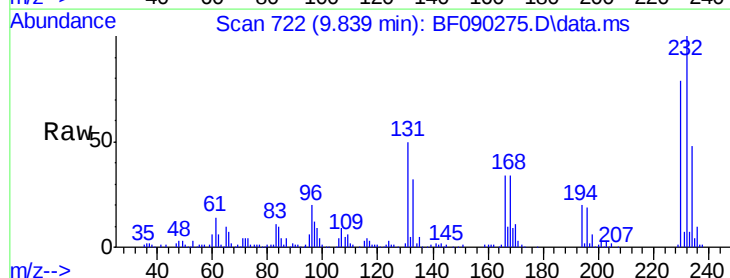
Instrument :  
 BNA\_F  
 ClientSampled :

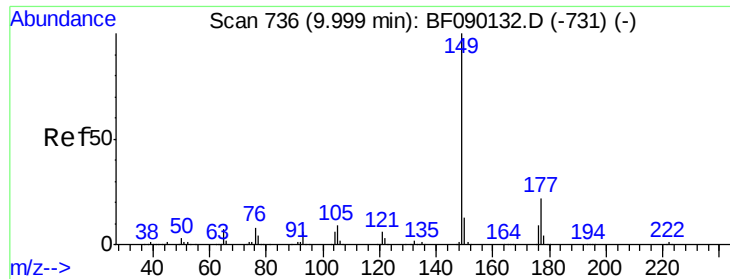
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.1  | 78.5  | 117.7 |
| 167     | 13.0  | 11.2  | 16.8  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.92 ng  
 RT: 9.839 min Scan# 722  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 52.5  | 42.2  | 63.4  |
| 130     | 2.3   | 1.9   | 2.9   |
| 166     | 34.4  | 26.4  | 39.6  |

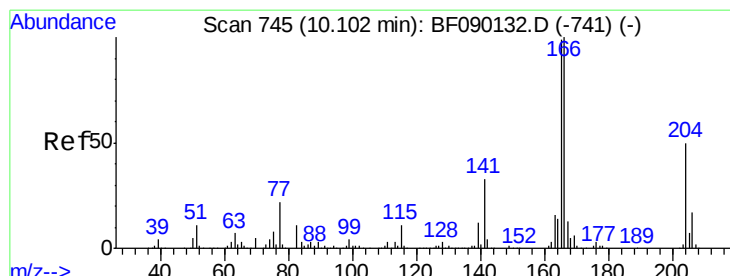
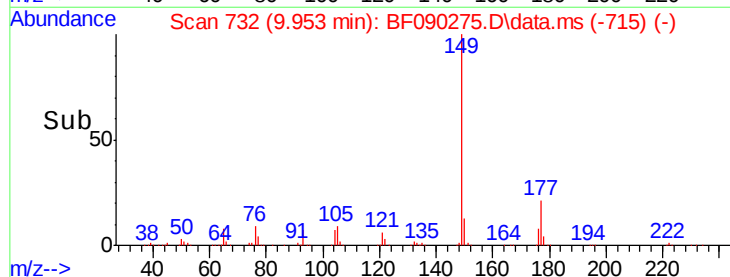
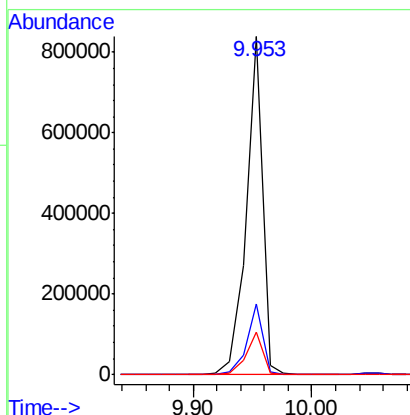
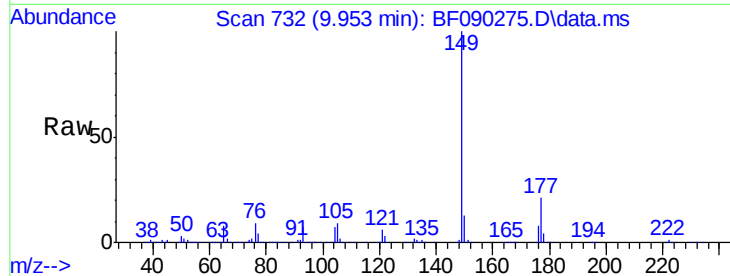




#59  
Diethylphthalate  
Concen: 40.83 ng  
RT: 9.953 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

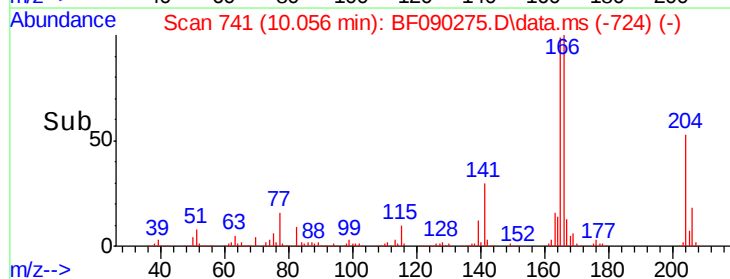
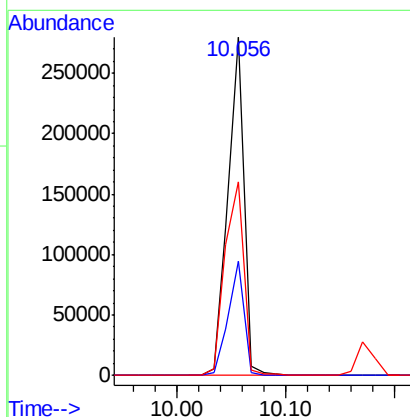
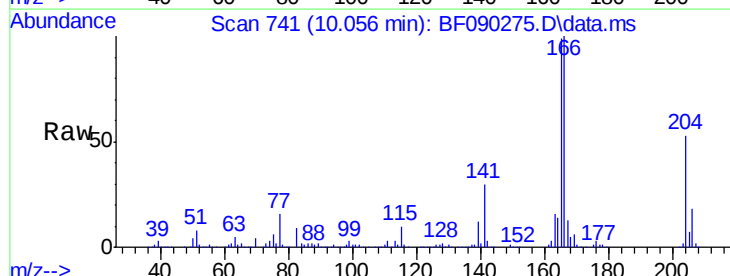
Instrument :  
BNA\_F  
ClientSampleId :

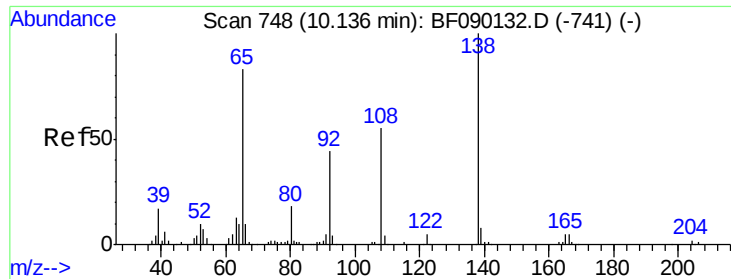
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.0  | 15.8  | 23.6  |
| 150     | 12.7  | 10.4  | 15.6  |



#60  
4-Chlorophenyl-phenylether  
Concen: 39.01 ng  
RT: 10.056 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 25.6  | 38.4  |
| 141     | 57.0  | 64.4  | 96.6  |

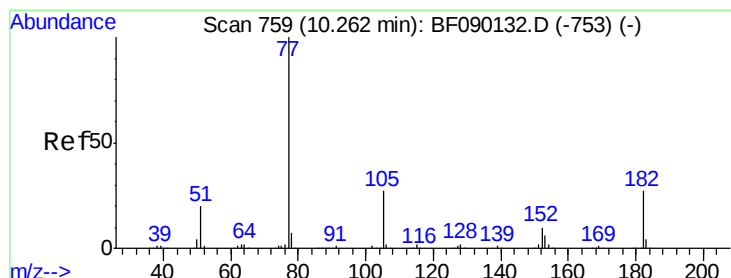
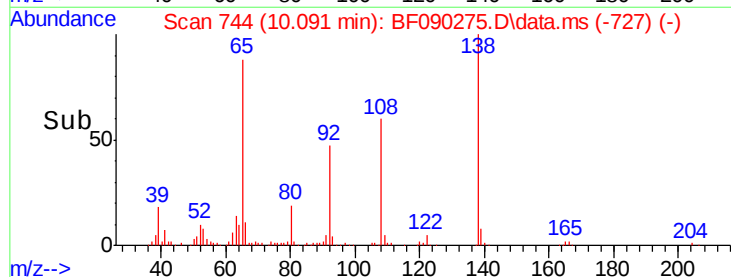
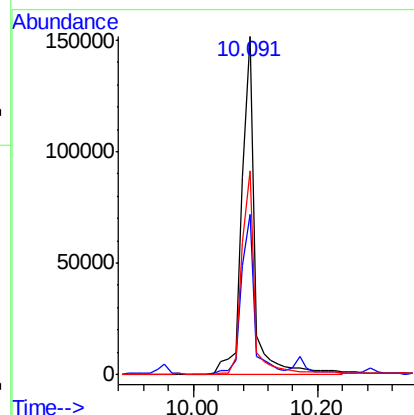
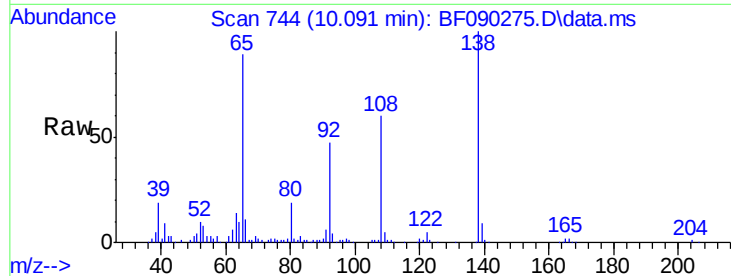




#61  
4-Nitroaniline  
Concen: 40.55 ng  
RT: 10.091 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

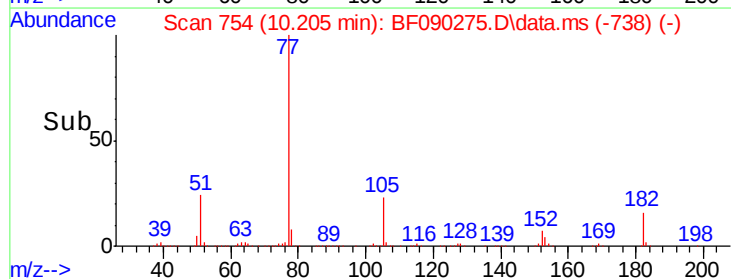
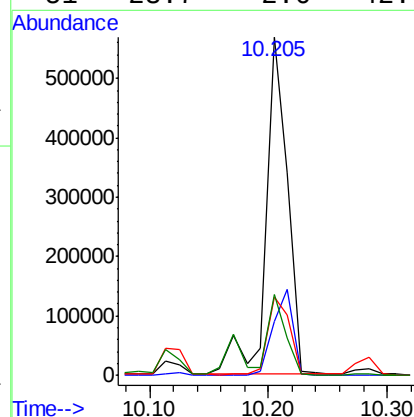
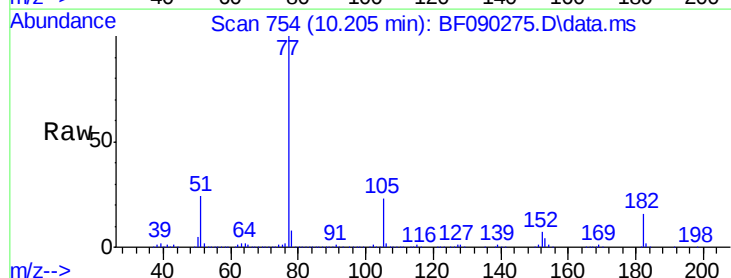
Instrument :  
BNA\_F  
ClientSampleId :

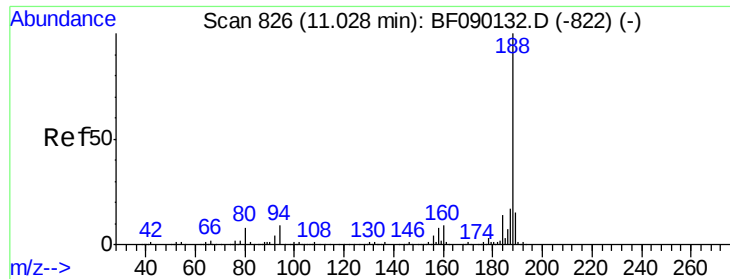
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.4  | 23.8  | 63.8  |
| 108     | 60.3  | 35.0  | 75.0  |



#62  
Azobenzene  
Concen: 35.25 ng  
RT: 10.205 min Scan# 754  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 16.1  | 0.0   | 38.4  |
| 105     | 23.1  | 3.8   | 43.8  |
| 51      | 23.7  | 2.6   | 42.6  |

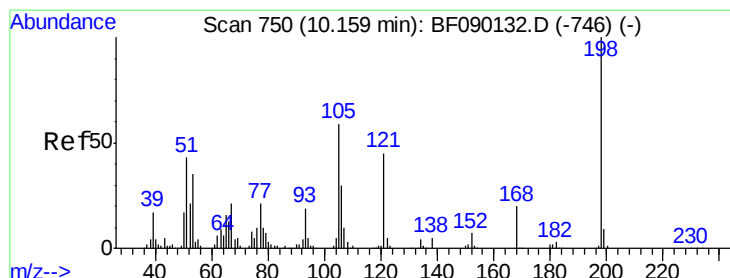
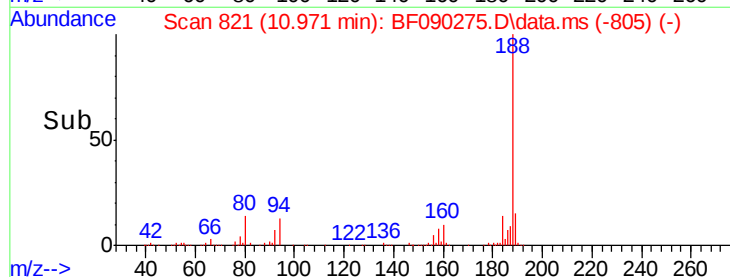
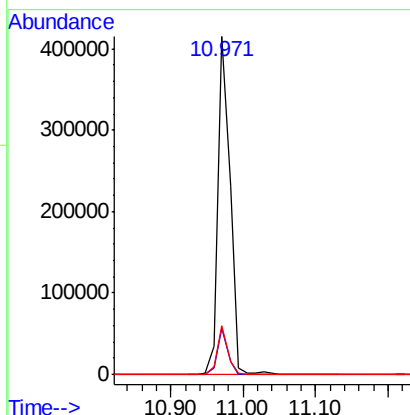
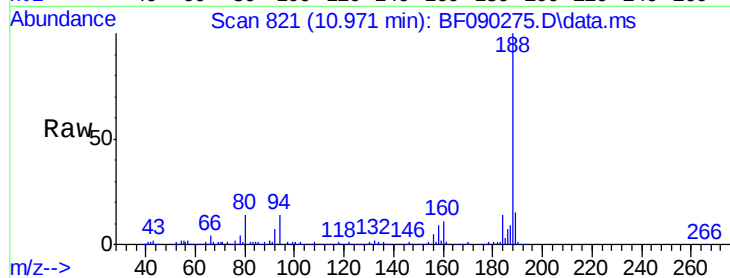




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 10.971 min Scan# 821  
Delta R.T. -0.012 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

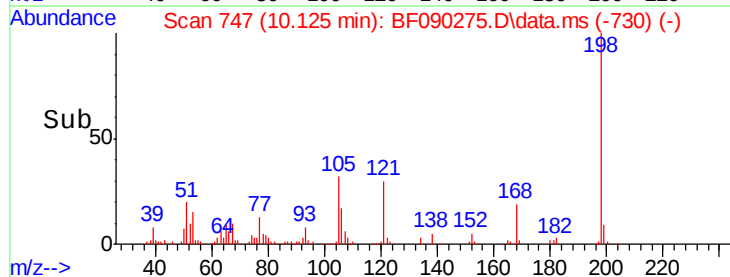
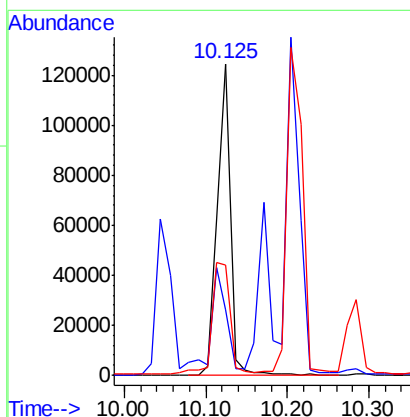
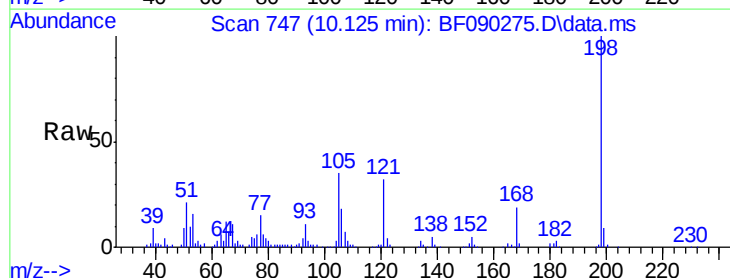
Instrument :  
BNA\_F  
ClientSampleId :

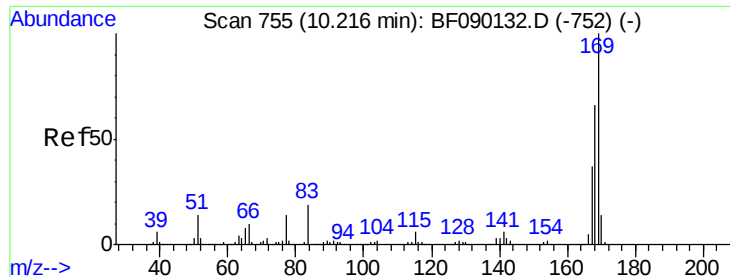
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 13.7  | 10.5  | 15.7  |
| 80      | 14.4  | 11.2  | 16.8  |



#64  
4,6-Dinitro-2-methylphenol  
Concen: 46.32 ng  
RT: 10.125 min Scan# 747  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 20.9  | 5.5   | 45.5  |
| 105     | 35.3  | 21.8  | 61.8  |

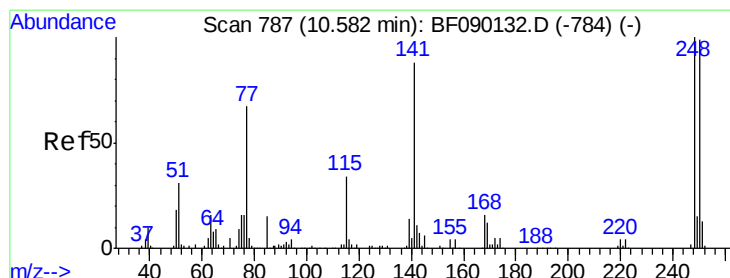
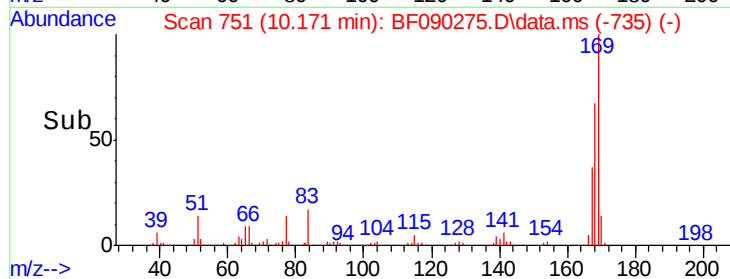
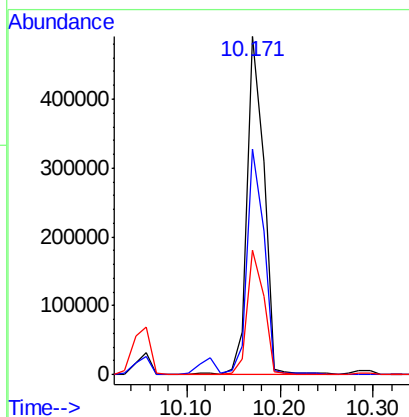
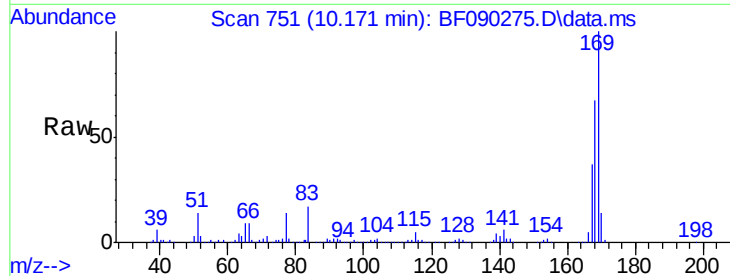




#65  
n-Nitrosodiphenylamine  
Concen: 38.54 ng  
RT: 10.171 min Scan# 751  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

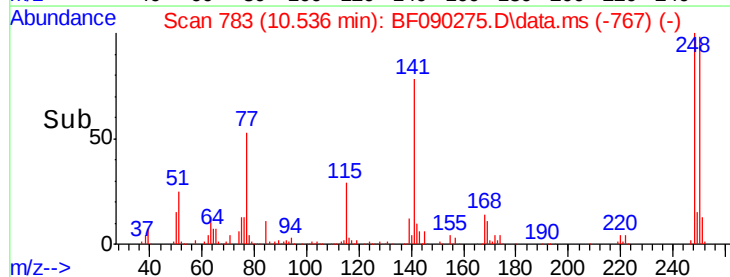
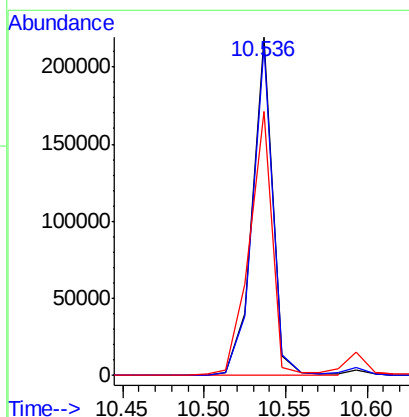
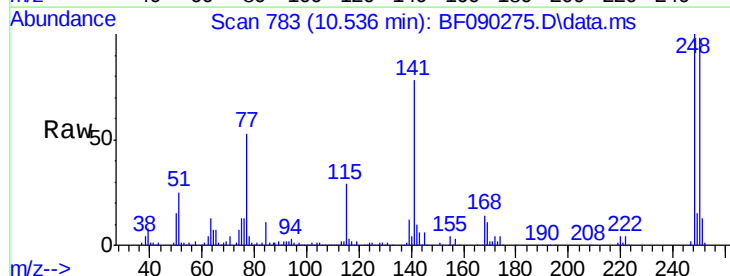
Instrument :  
BNA\_F  
ClientSampleId :

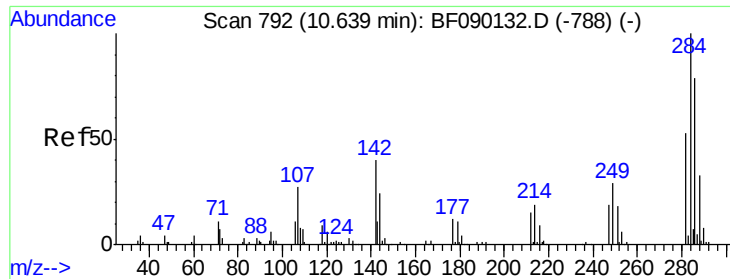
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.7  | 54.2  | 81.4  |
| 167     | 36.8  | 30.3  | 45.5  |



#66  
4-Bromophenyl-phenylether  
Concen: 40.24 ng  
RT: 10.536 min Scan# 783  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.5  | 79.4  | 119.2 |
| 141     | 78.2  | 49.3  | 73.9# |

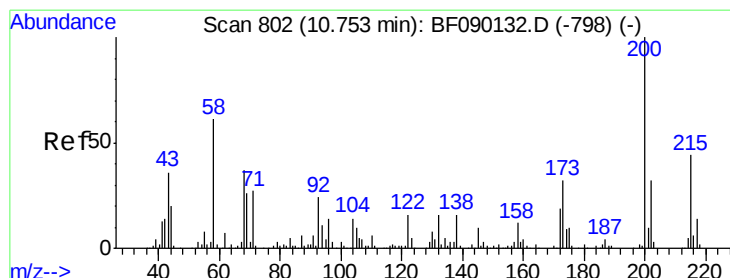
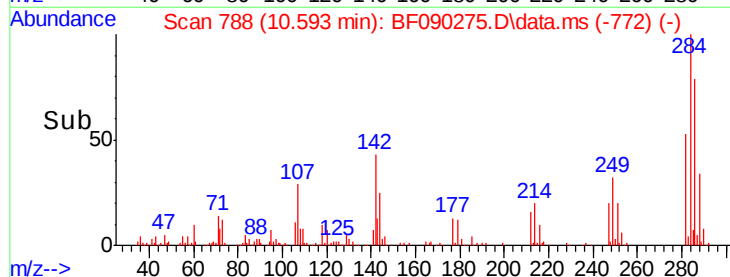
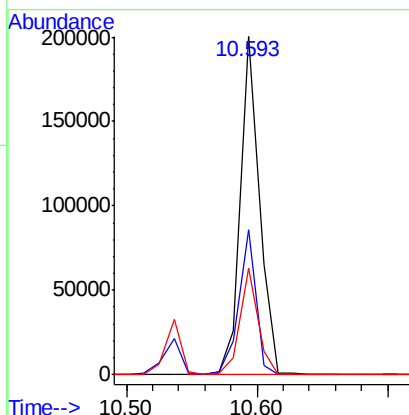
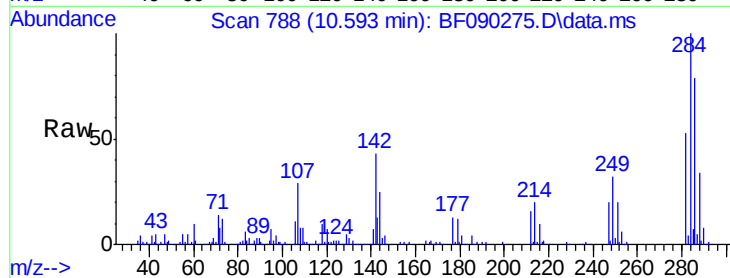




#67  
Hexachlorobenzene  
Concen: 36.64 ng  
RT: 10.593 min Scan# 78  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

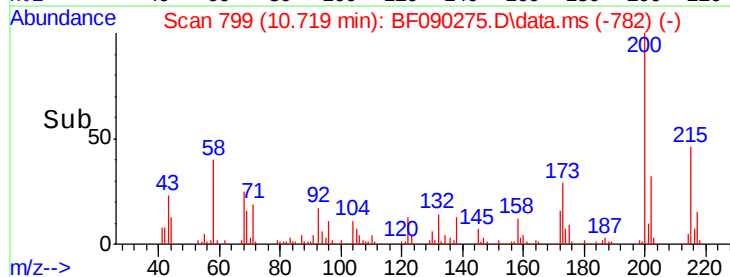
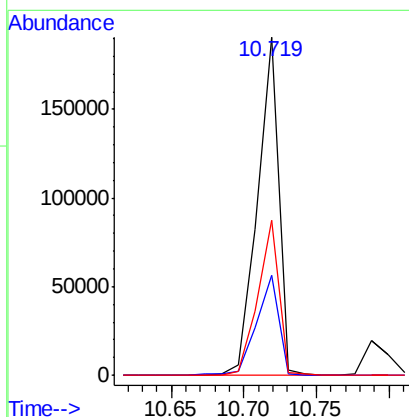
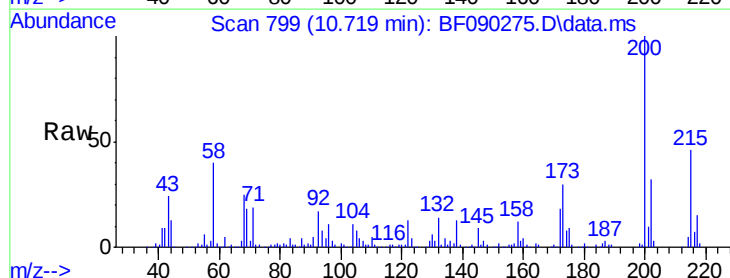
Instrument :  
BNA\_F  
ClientSampleId :

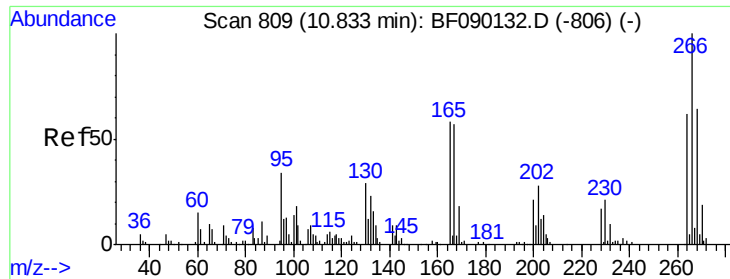
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 42.9  | 24.0  | 36.0# |
| 249     | 31.6  | 23.8  | 35.6  |



#68  
Atrazine  
Concen: 44.86 ng  
RT: 10.719 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.7  | 9.3   | 49.3  |
| 215     | 45.9  | 26.1  | 66.1  |





#69

Pentachlorophenol

Concen: 43.14 ng

RT: 10.799 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

Instrument :

BNA\_F

ClientSampleId :

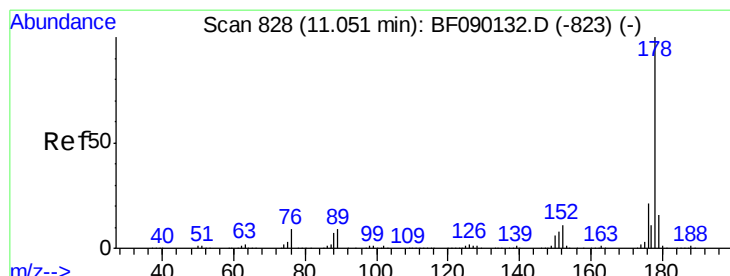
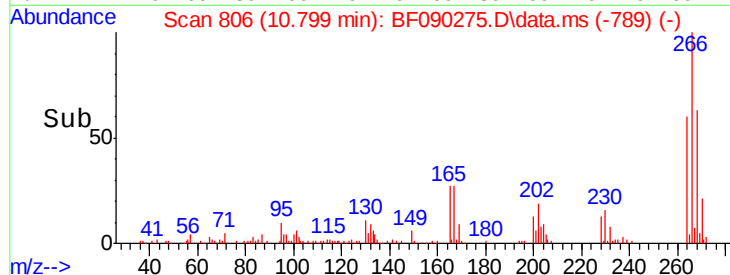
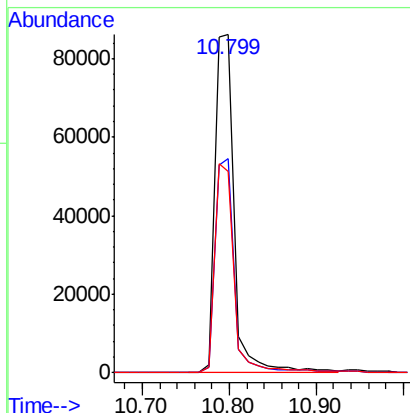
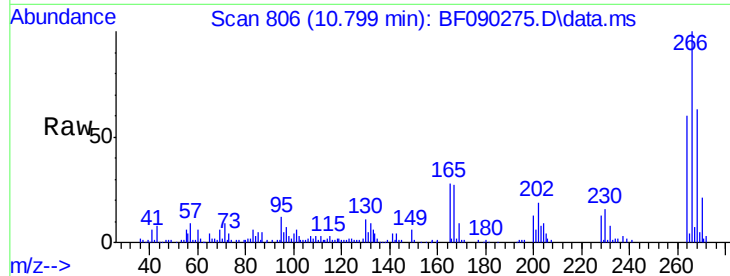
Tot Ion:266 Resp: 135477

Ion Ratio Lower Upper

266 100

268 63.4 52.1 78.1

264 59.6 50.3 75.5



#70

Phenanthrene

Concen: 42.40 ng

RT: 11.005 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

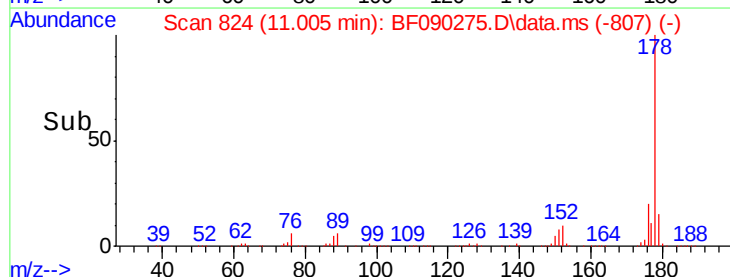
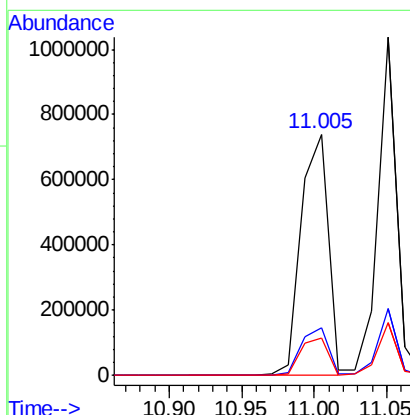
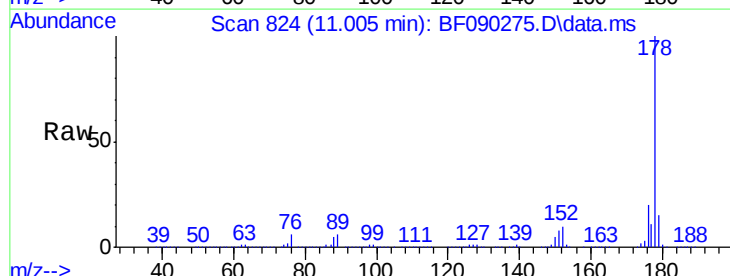
Tgt Ion:178 Resp: 956655

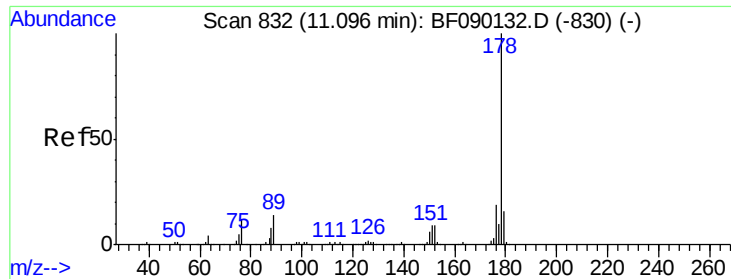
Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 15.2 12.9 19.3

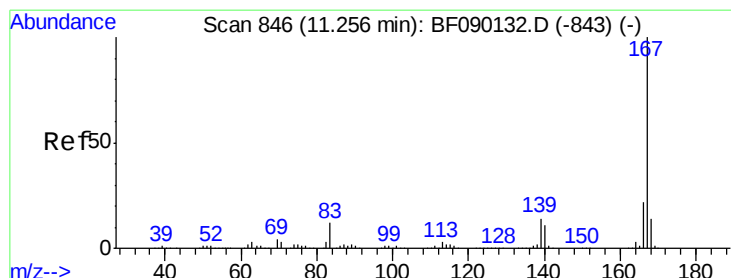
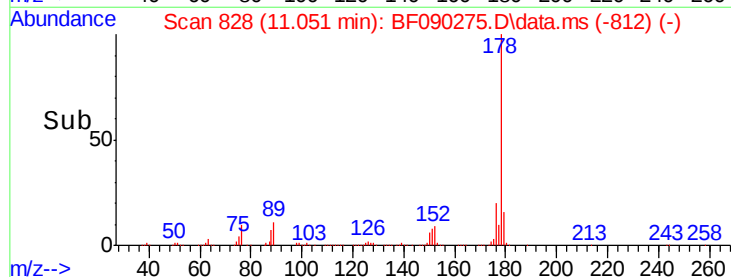
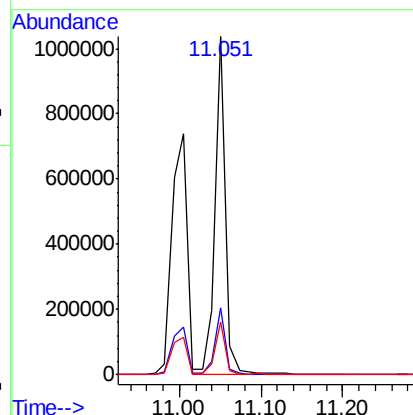
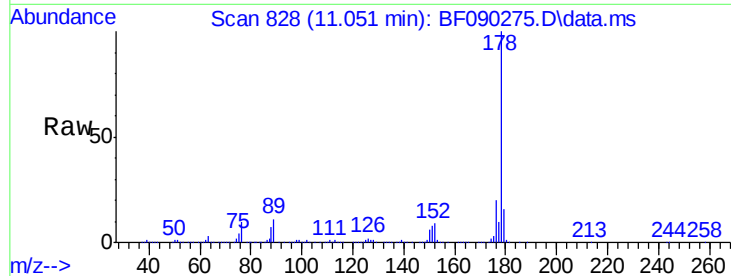




#71  
 Anthracene  
 Concen: 39.77 ng  
 RT: 11.051 min Scan# 82  
 Delta R.T. -0.011 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

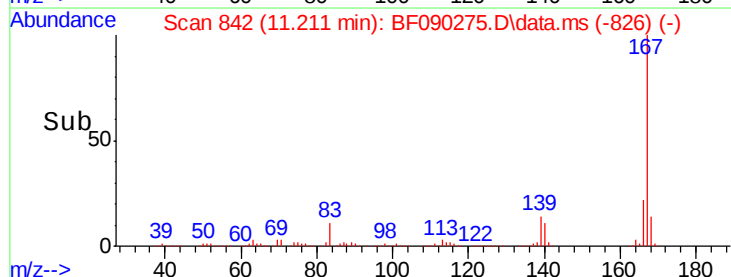
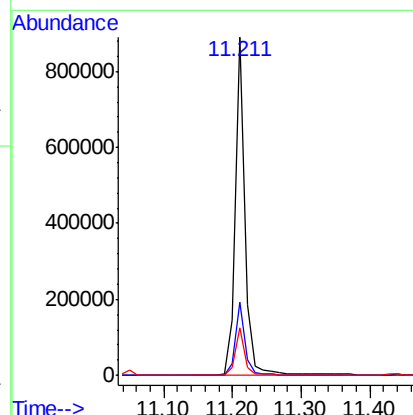
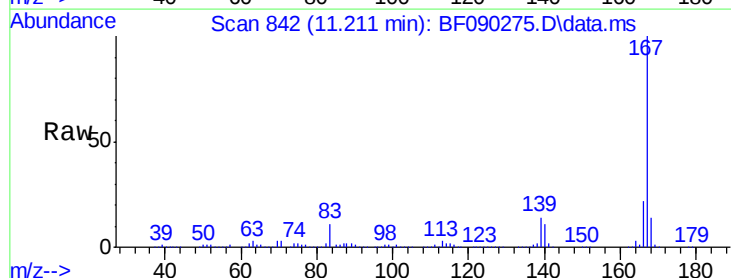
Instrument :  
 BNA\_F  
 ClientSampleId :

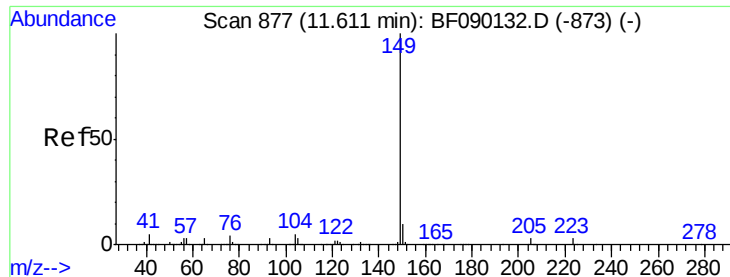
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 19.6 | 15.8  | 23.6  |       |
| 179     | 15.6 | 12.6  | 19.0  |       |



#72  
 Carbazole  
 Concen: 35.83 ng  
 RT: 11.211 min Scan# 842  
 Delta R.T. -0.011 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 167     | 100  |       |       |       |
| 166     | 21.8 | 18.0  | 27.0  |       |
| 139     | 14.0 | 10.4  | 15.6  |       |

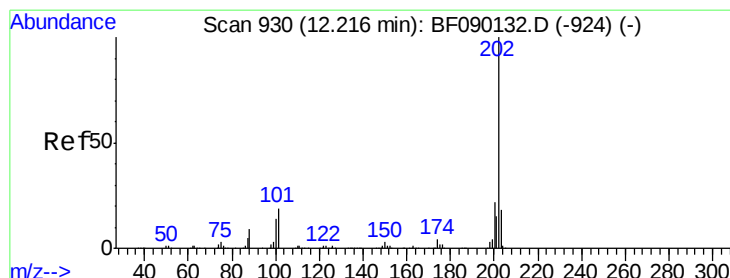
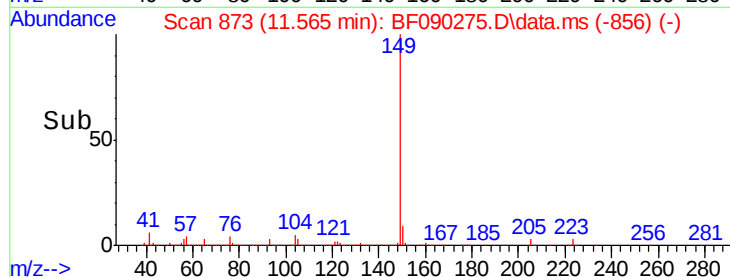
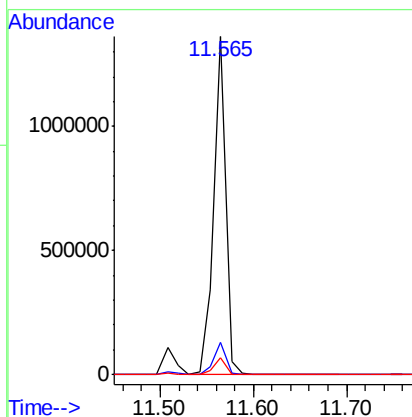
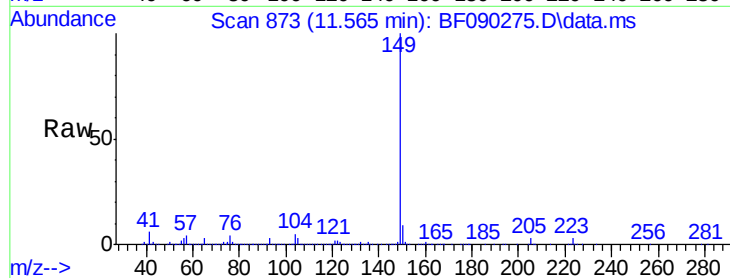




#73  
Di-n-butylphthalate  
Concen: 41.81 ng  
RT: 11.565 min Scan# 87  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

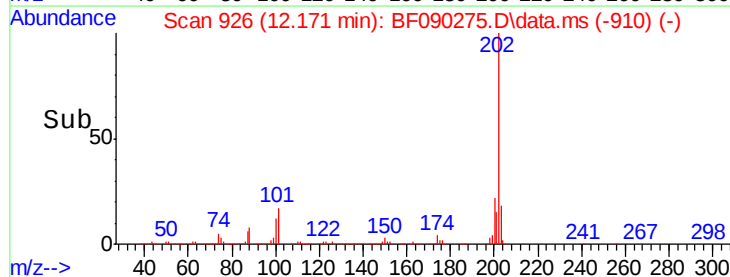
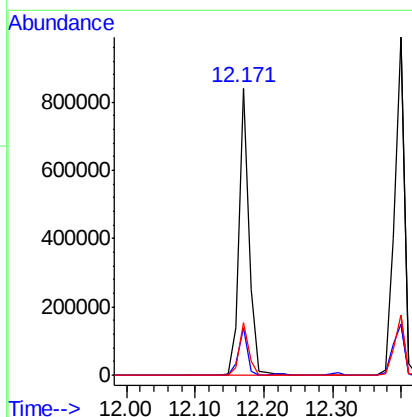
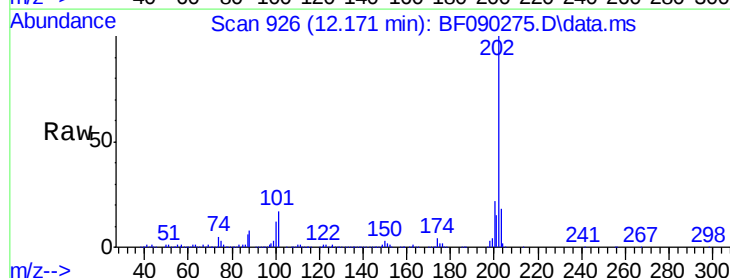
Instrument :  
BNA\_F  
ClientSampled :

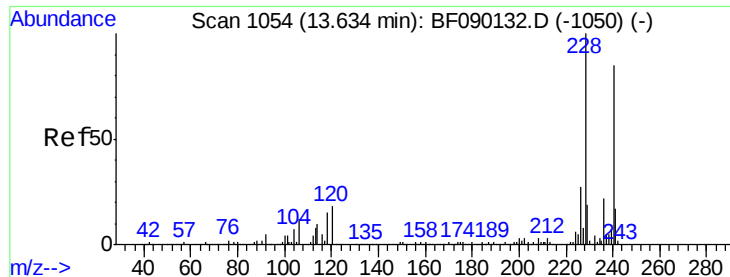
Tot Ion:149 Resp: 1216152  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.8 11.8  
104 4.8 3.9 5.9



#74  
Fluoranthene  
Concen: 35.94 ng  
RT: 12.171 min Scan# 926  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

Tgt Ion:202 Resp: 870329  
Ion Ratio Lower Upper  
202 100  
101 16.5 0.0 36.1  
203 18.3 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.588 min Scan# 10

Delta R.T. -0.011 min

Lab File: BF090275.D

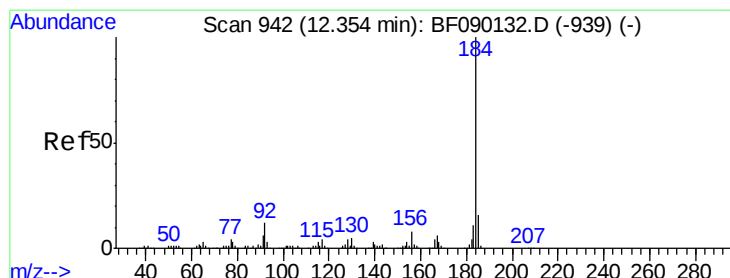
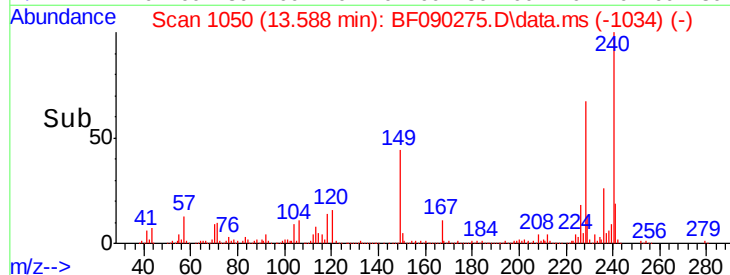
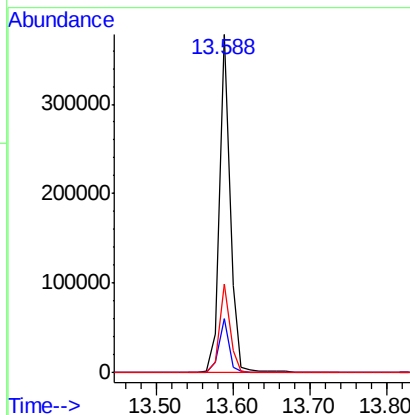
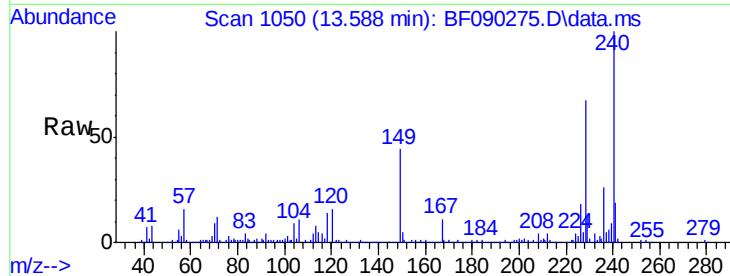
Acq: 28 Sep 2016 11:54

Instrument :

BNA\_F

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 368717 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 16.0  | 10.6  | 16.0#  |
| 236       | 26.3  | 21.6  | 32.4   |



#76

Benzidine

Concen: 34.52 ng

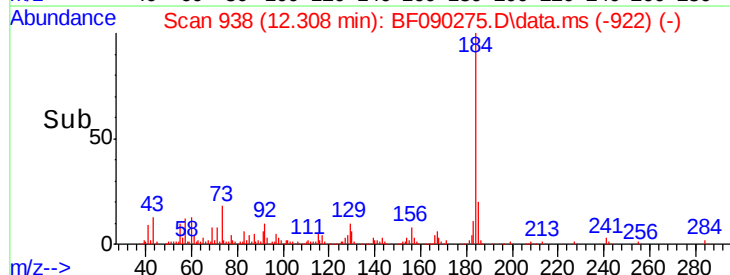
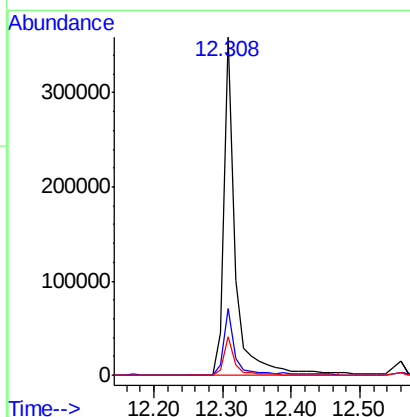
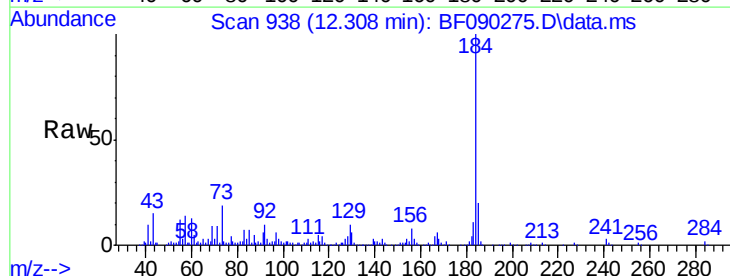
RT: 12.308 min Scan# 938

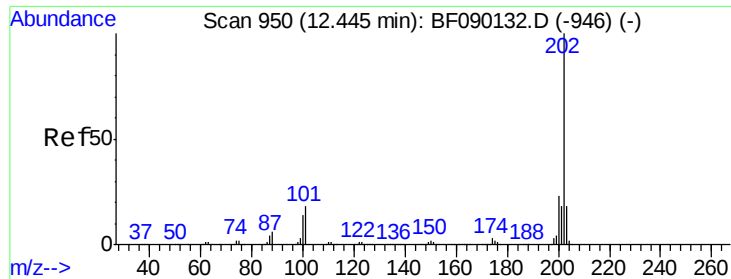
Delta R.T. -0.011 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 426067 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 19.9  | 13.2  | 19.8#  |
| 183       | 11.3  | 9.2   | 13.8   |

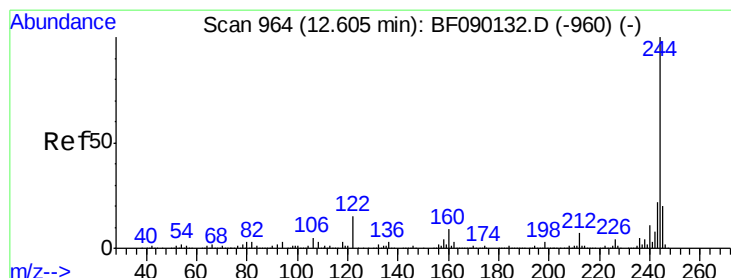
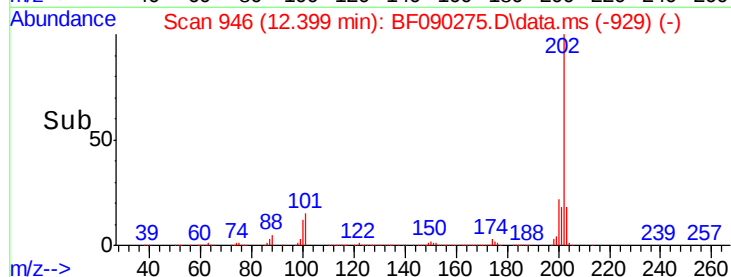
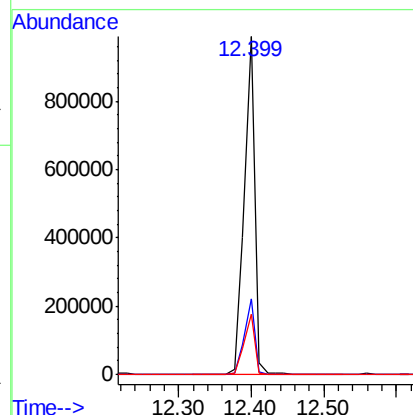
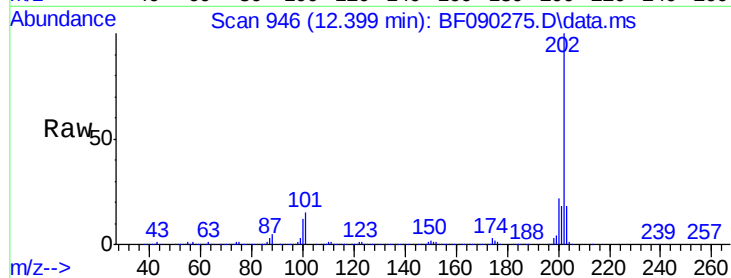




#77  
Pvrene  
Concen: 39.56 ng  
RT: 12.399 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

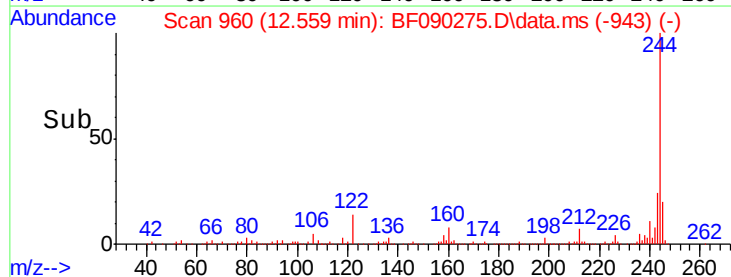
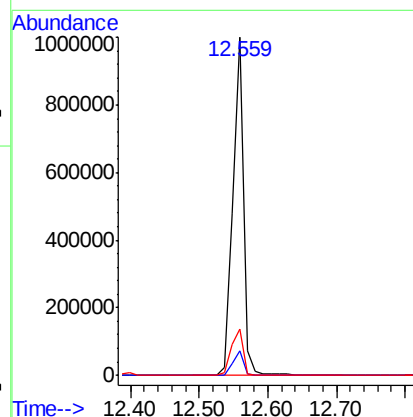
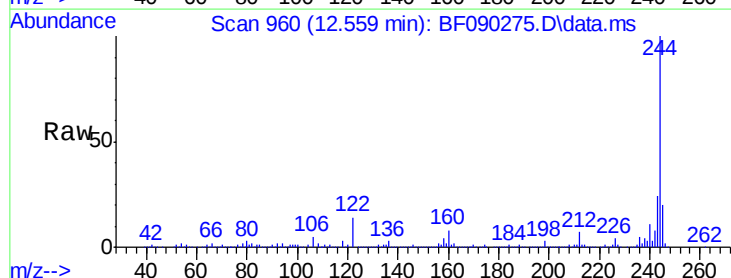
Instrument :  
BNA\_F  
ClientSampleId :

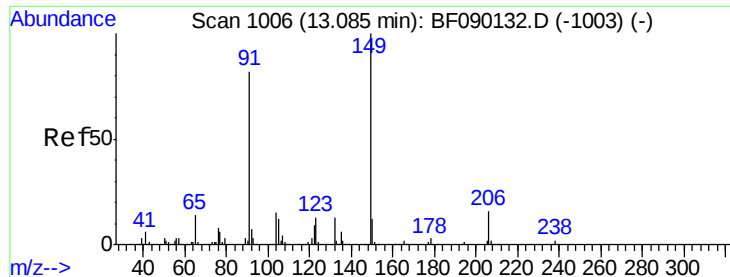
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.4  | 17.9  | 26.9  |
| 203     | 18.0  | 14.2  | 21.4  |



#78  
Terphenyl-d14  
Concen: 76.06 ng  
RT: 12.559 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.4   | 5.8   | 8.8   |
| 122     | 13.6  | 9.4   | 14.0  |

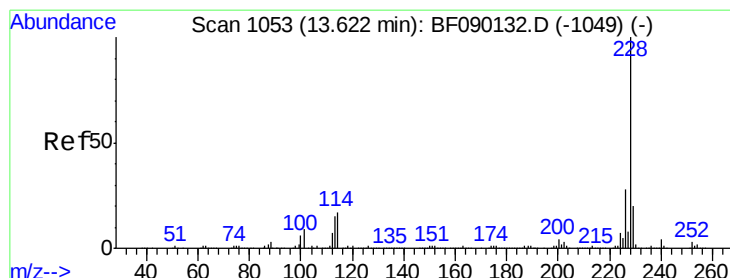
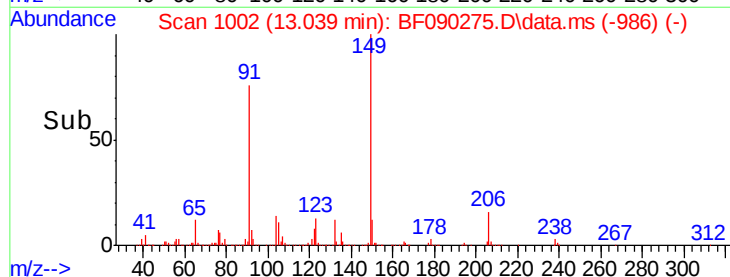
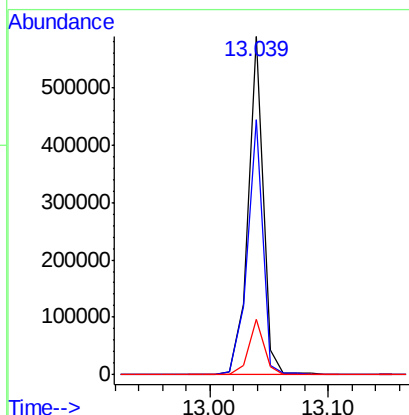
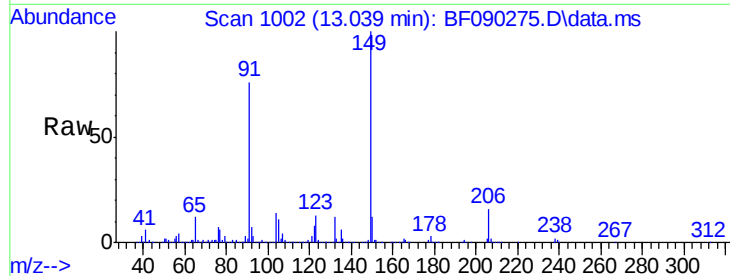




#79  
Butylbenzylphthalate  
Concen: 42.32 ng  
RT: 13.039 min Scan# 1006  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

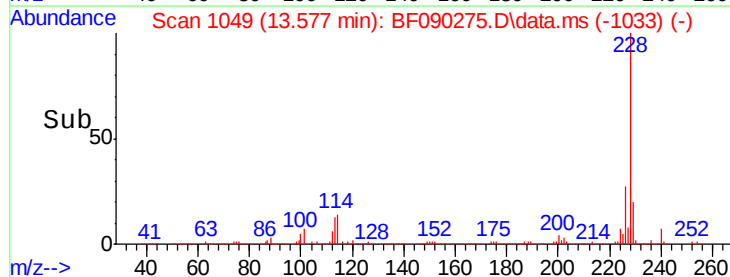
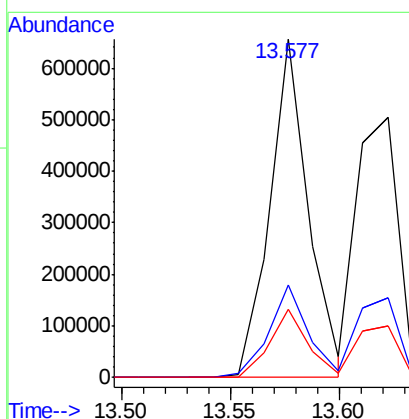
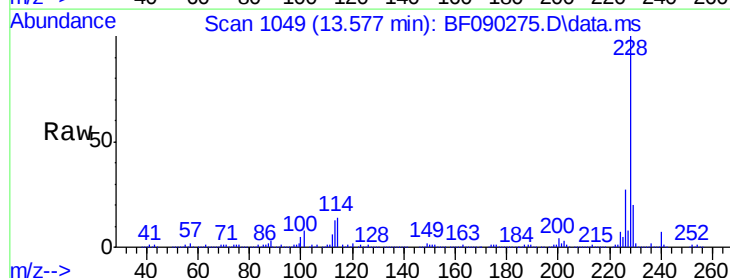
Instrument :  
BNA\_F  
ClientSampled :

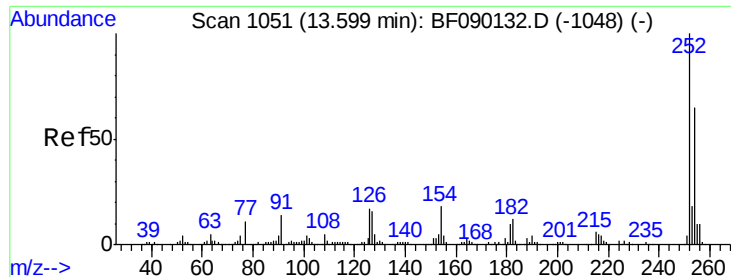
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 75.5  | 49.8  | 74.6# |
| 206     | 16.3  | 16.3  | 24.5# |



#80  
Benzo(a)anthracene  
Concen: 40.95 ng  
RT: 13.577 min Scan# 1049  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 22.0  | 33.0  |
| 229     | 20.1  | 16.2  | 24.2  |

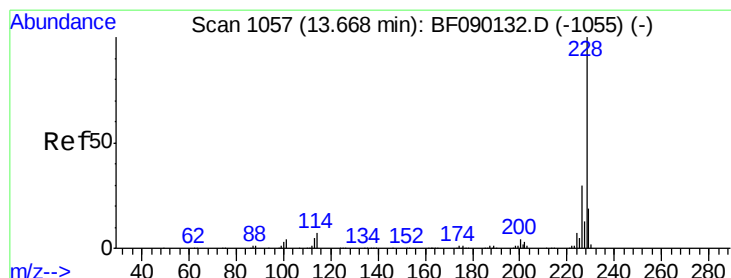
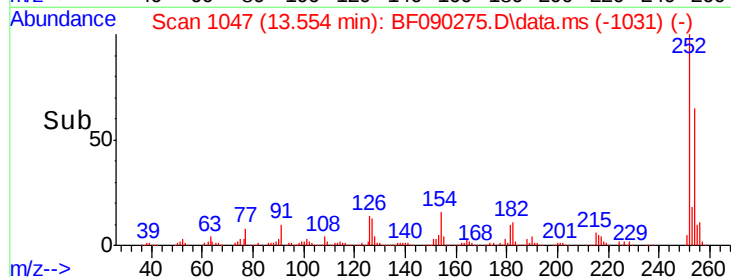
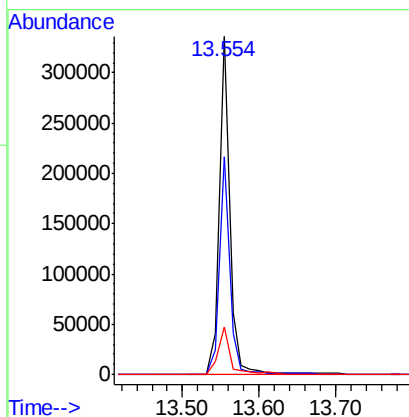
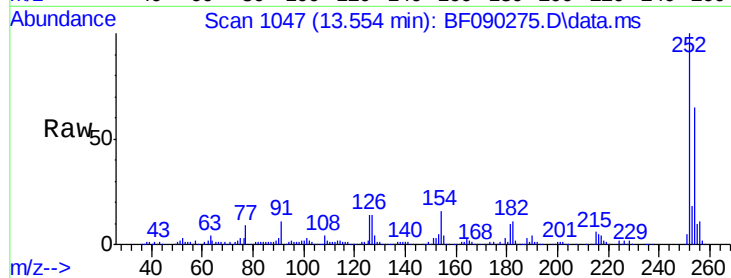




#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.21 ng  
 RT: 13.554 min Scan# 1047  
 Delta R.T. -0.011 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

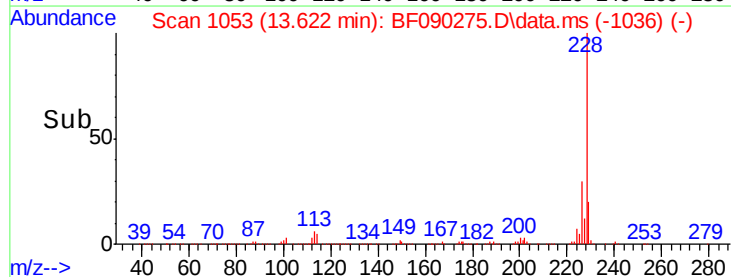
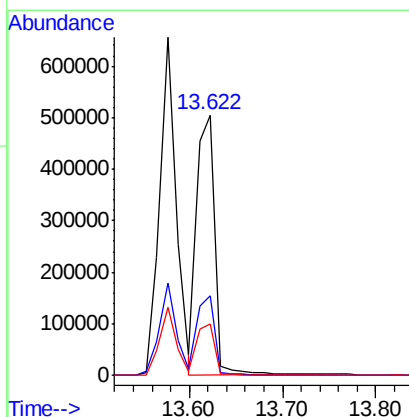
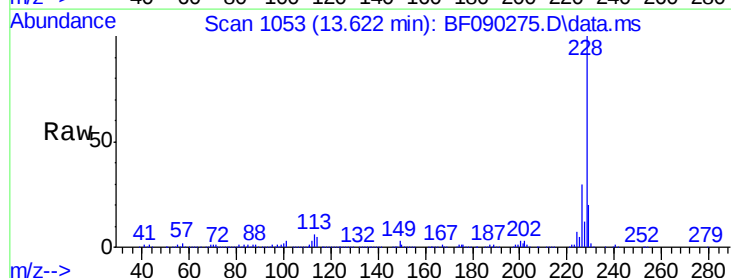
Instrument :  
 BNA\_F  
 ClientSampleId :

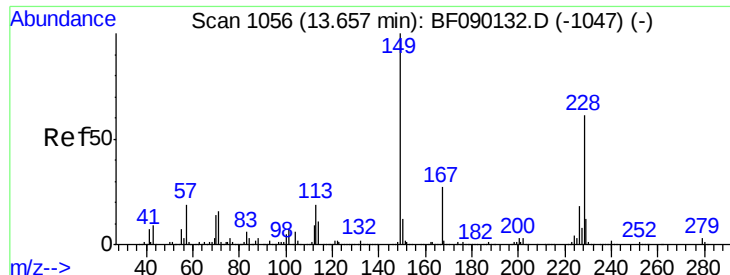
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.5  | 50.7  | 76.1  |
| 126     | 14.1  | 9.2   | 13.8  |



#82  
 Chrysene  
 Concen: 35.69 ng  
 RT: 13.622 min Scan# 1053  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 24.6  | 37.0  |
| 229     | 19.6  | 16.2  | 24.4  |

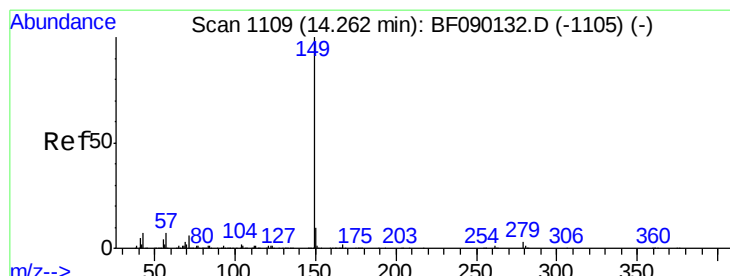
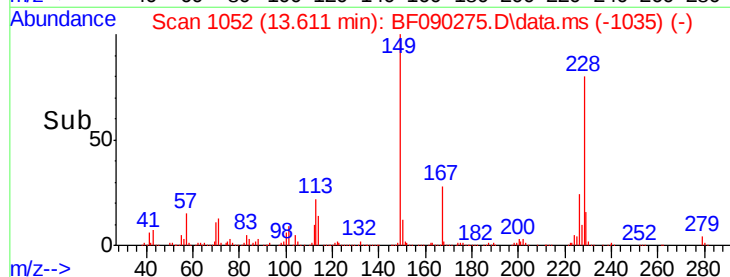
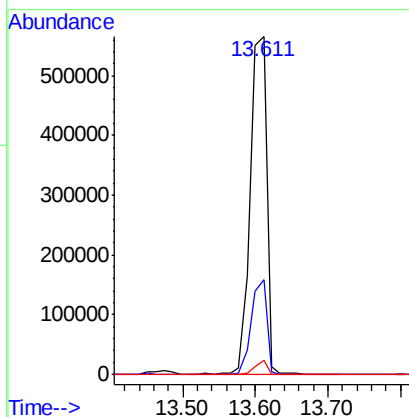
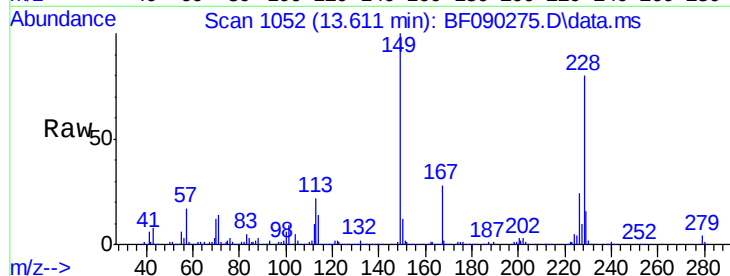




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 56.91 ng  
 RT: 13.611 min Scan# 1056  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

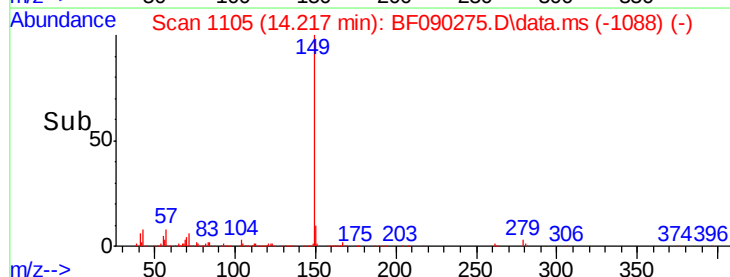
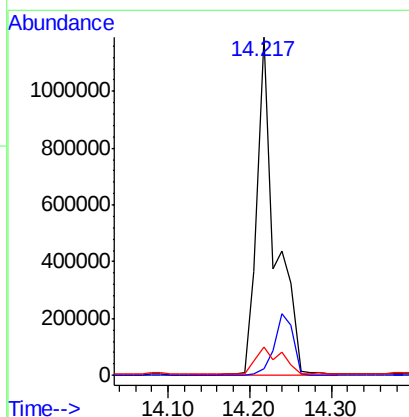
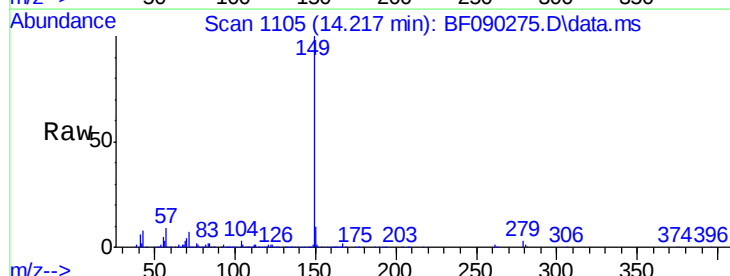
Instrument :  
 BNA\_F  
 ClientSampleId :

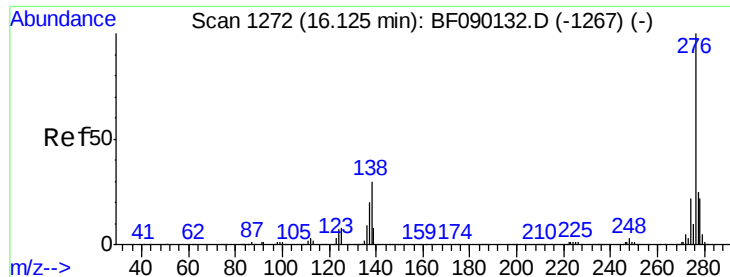
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.9  | 21.2  | 31.8  |
| 279     | 4.2   | 2.2   | 3.2   |



#84  
 Di-n-octyl phthalate  
 Concen: 68.86 ng  
 RT: 14.217 min Scan# 1105  
 Delta R.T. -0.000 min  
 Lab File: BF090275.D  
 Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 0.0   | 1.2   | 1.8   |
| 43      | 11.6  | 6.8   | 10.2  |

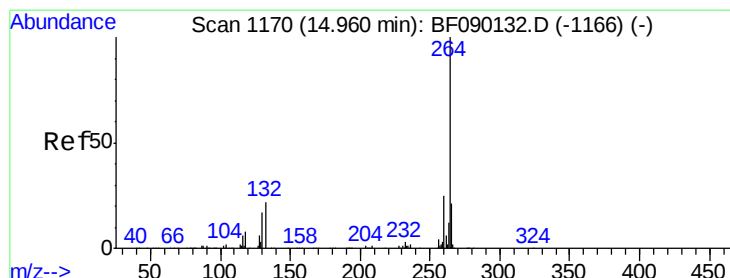
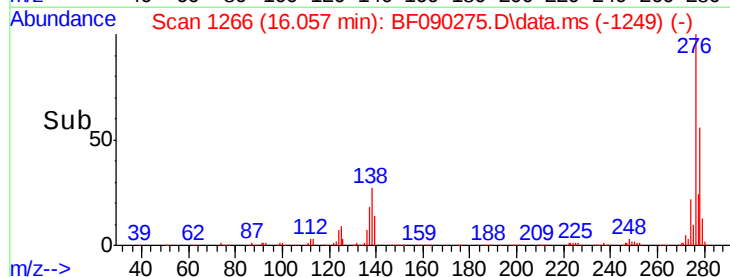
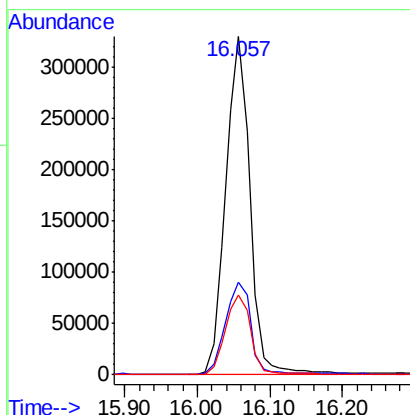
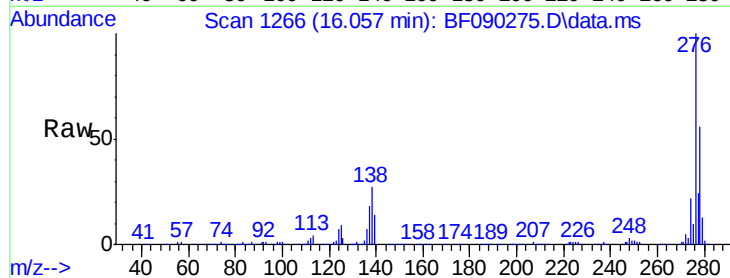




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 48.94 ng  
RT: 16.057 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

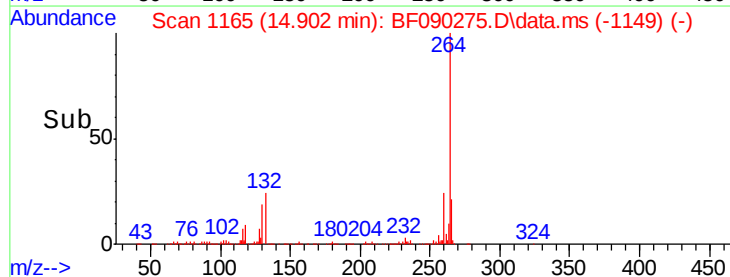
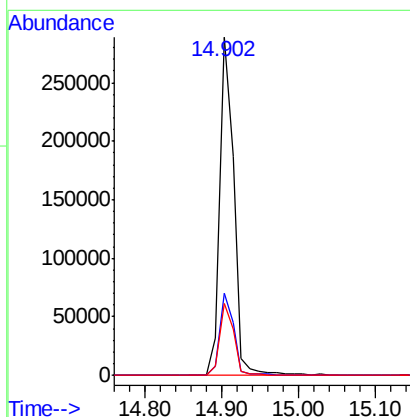
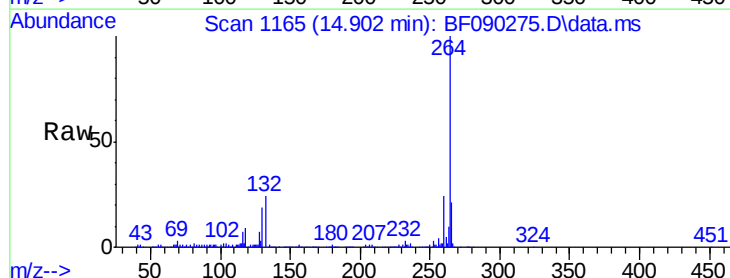
Instrument :  
BNA\_F  
ClientSampleId :

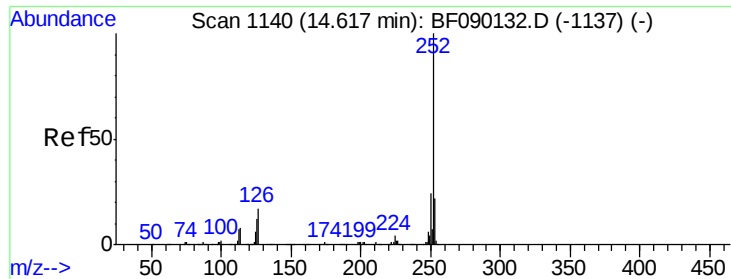
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 28.8  | 25.9  | 38.9  |
| 277     | 24.9  | 19.9  | 29.9  |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 14.902 min Scan# 1165  
Delta R.T. -0.011 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 19.5  | 29.3  |
| 265     | 21.3  | 17.0  | 25.4  |

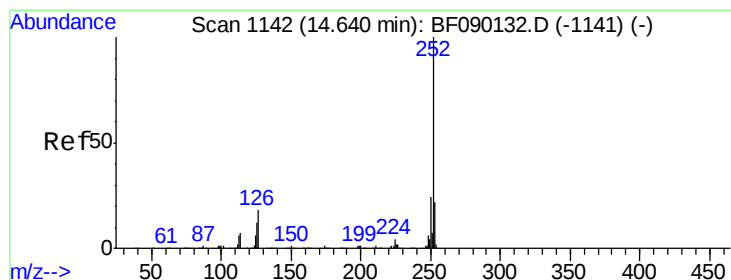
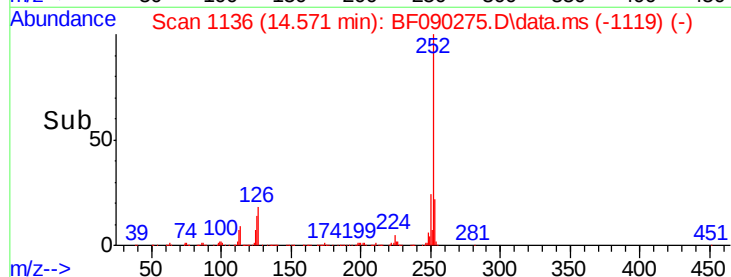
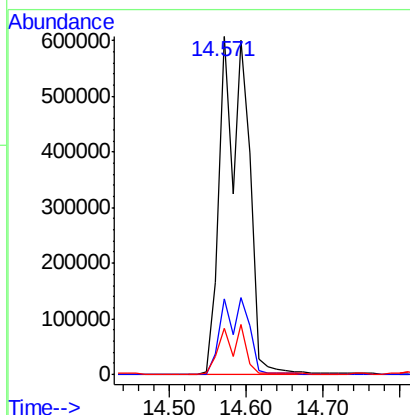
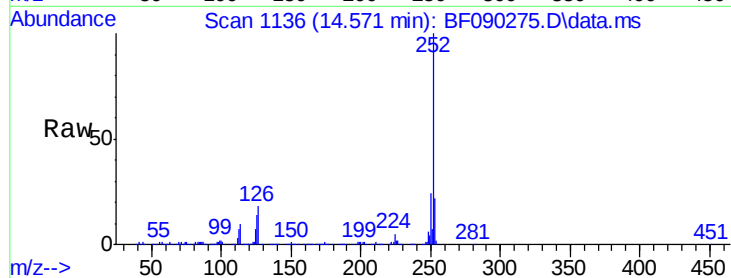




#87  
Benzo(b)fluoranthene  
Concen: 72.53 ng  
RT: 14.571 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

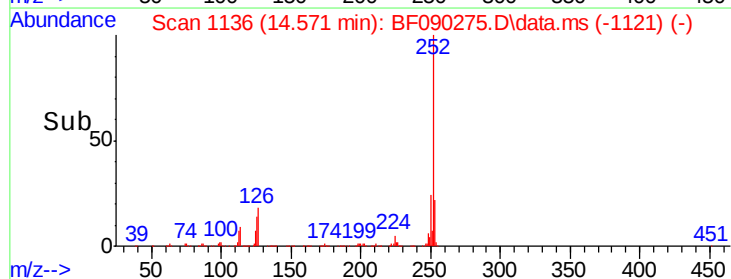
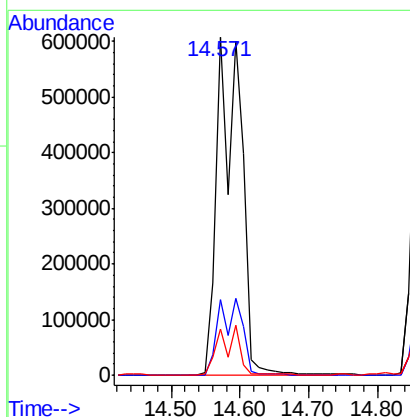
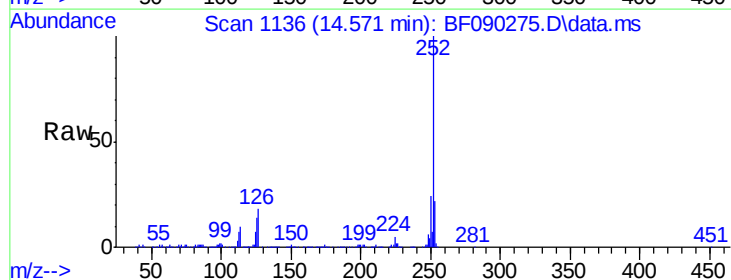
Instrument :  
BNA\_F  
ClientSampleId :

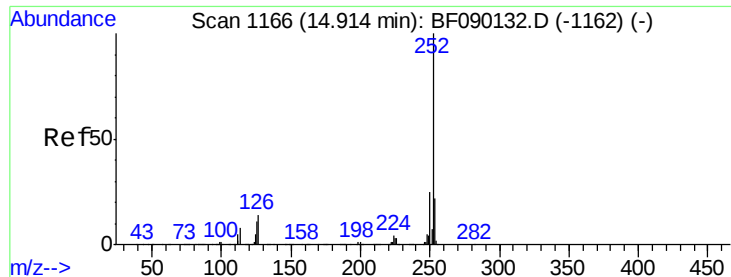
Tot Ion:252 Resp: 1496948  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.9 26.9  
125 13.8 12.7 19.1



#88  
Benzo(k)fluoranthene  
Concen: 77.43 ng  
RT: 14.571 min Scan# 1136  
Delta R.T. -0.023 min  
Lab File: BF090275.D  
Acq: 28 Sep 2016 11:54

Tgt Ion:252 Resp: 1499783  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 13.8 7.8 11.6#





#89

Benzo(a)pyrene

Concen: 36.63 ng

RT: 14.857 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF090275.D

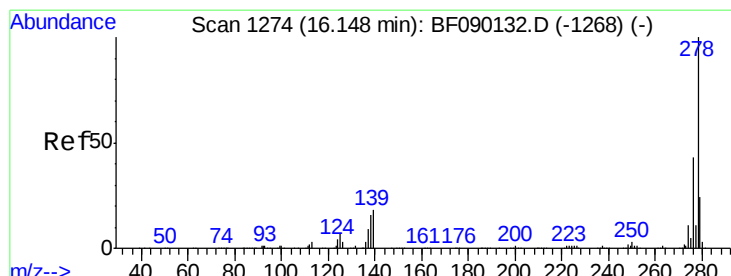
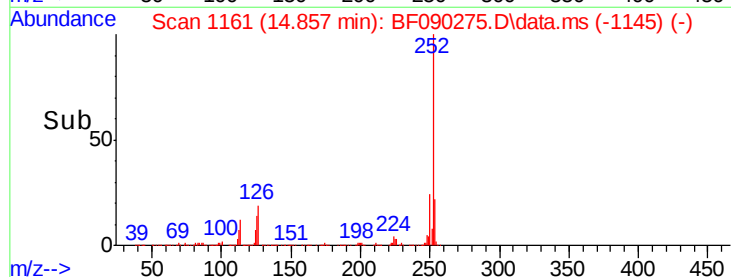
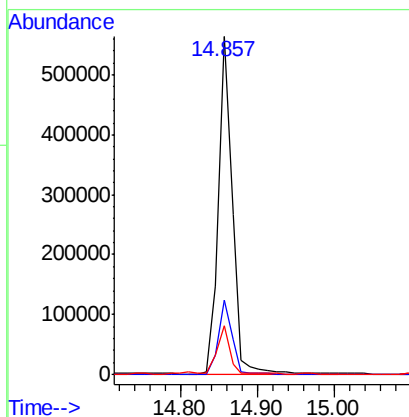
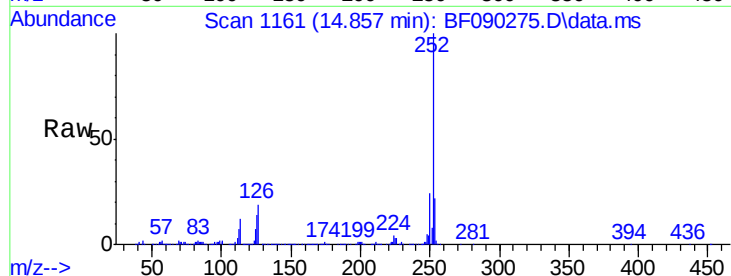
Acq: 28 Sep 2016 11:54

Instrument :

BNA\_F

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 711225 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.4  | 26.0   |
| 125       | 14.5  | 7.7   | 11.5#  |



#90

Dibenzo(a,h)anthracene

Concen: 41.26 ng

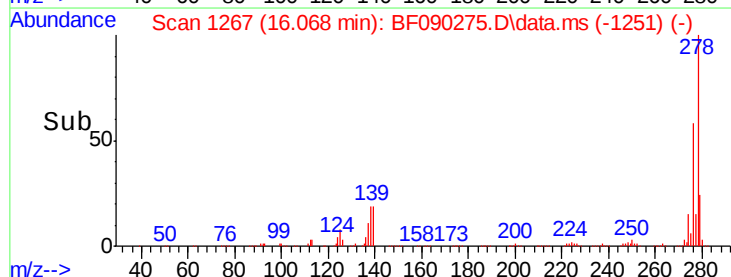
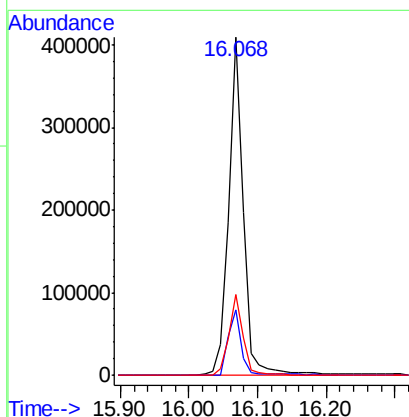
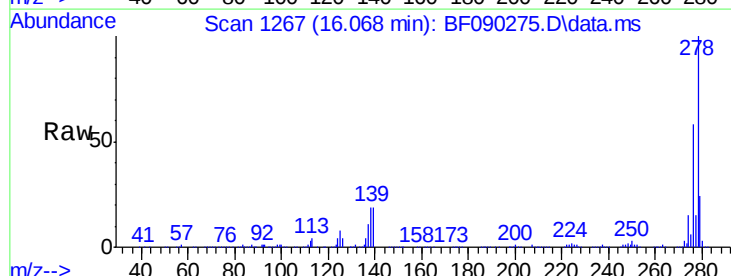
RT: 16.068 min Scan# 1267

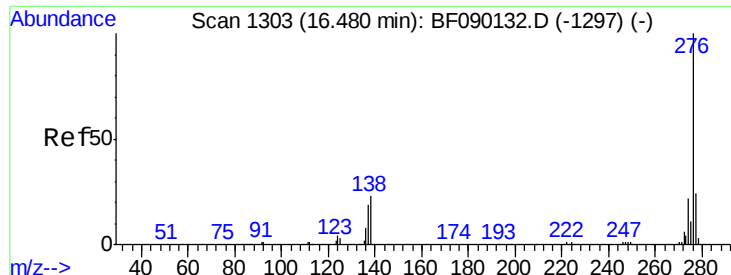
Delta R.T. -0.012 min

Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 625052 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 19.4  | 14.6  | 21.8   |
| 279       | 24.0  | 18.8  | 28.2   |





#91

Benzo(a,h,i)perylene

Concen: 41.33 ng

RT: 16.400 min Scan# 12

Delta R.T. -0.000 min

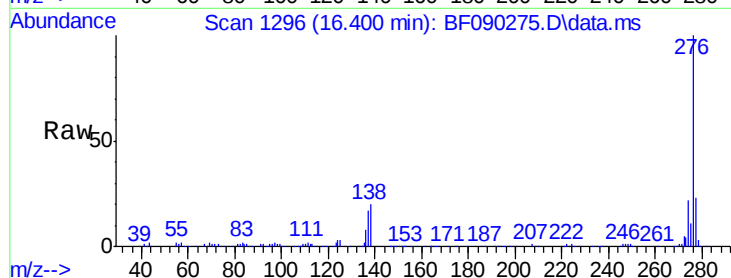
Lab File: BF090275.D

Acq: 28 Sep 2016 11:54

Instrument :

BNA\_F

ClientSampleId :



Tot Ion:276 Resp: 612803

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 20.4 23.3 34.9#

