

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\  
 Data File : BF097502.D  
 Acq On : 9 Aug 2017 7:25  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 09 07:58:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 07 16:02:51 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.40  | 152  | 81021    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.69  | 136  | 351899   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.43  | 164  | 132627   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 10.91 | 188  | 196739   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.53 | 240  | 140449   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 14.87 | 264  | 129528   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.00  | 112  | 448357   | 83.42 | ng    | 0.00     |
| 7) Phenol-d6                | 6.09  | 99   | 515827   | 84.07 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 6.99  | 82   | 442862   | 73.83 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.22 | 330  | 75484    | 72.03 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 8.77  | 172  | 700618   | 89.65 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.49 | 244  | 546141   | 79.28 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 1.87 | 88   | 101702   | 45.34 | ng    | # 70   |
| 3) Pyridine                    | 2.46 | 79   | 304108   | 44.28 | ng    | # 60   |
| 4) n-Nitrosodimethylamine      | 2.43 | 42   | 170640   | 44.85 | ng    | 80     |
| 6) Aniline                     | 6.07 | 93   | 337381   | 43.70 | ng    | 97     |
| 8) 2-Chlorophenol              | 6.20 | 128  | 248882   | 43.31 | ng    | 93     |
| 9) Benzaldehyde                | 5.95 | 77   | 182816   | 50.34 | ng    | 97     |
| 10) Phenol                     | 6.10 | 94   | 346159   | 47.56 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.15 | 93   | 230937   | 40.12 | ng    | 89     |
| 12) 1,3-Dichlorobenzene        | 6.35 | 146  | 265297   | 42.84 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 6.42 | 146  | 266878   | 43.48 | ng    | 94     |
| 14) 1,2-Dichlorobenzene        | 6.57 | 146  | 236892   | 44.20 | ng    | 97     |
| 15) Benzyl Alcohol             | 6.57 | 79   | 179656   | 46.25 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.70 | 45   | 489241   | 42.38 | ng    | 80     |
| 17) 2-Methylphenol             | 6.70 | 107  | 189390   | 42.70 | ng    | # 86   |
| 18) Hexachloroethane           | 6.91 | 117  | 74979    | 33.39 | ng    | # 80   |
| 19) n-Nitroso-di-n-propylamine | 6.85 | 70   | 171656   | 42.50 | ng    | # 82   |
| 20) 3+4-Methylphenols          | 6.86 | 107  | 249888   | 43.14 | ng    | # 61   |
| 22) Acetophenone               | 6.83 | 105  | 329890   | 39.04 | ng    | # 97   |
| 24) Nitrobenzene               | 7.00 | 77   | 232827   | 37.27 | ng    | 91     |
| 25) Isophorone                 | 7.25 | 82   | 459377   | 39.10 | ng    | 97     |
| 26) 2-Nitrophenol              | 7.32 | 139  | 119872   | 35.47 | ng    | # 86   |
| 27) 2,4-Dimethylphenol         | 7.38 | 122  | 226095   | 40.55 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.46 | 93   | 309546   | 40.38 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 7.58 | 162  | 202782   | 42.22 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.64 | 180  | 186551   | 40.75 | ng    | 97     |
| 31) Naphthalene                | 7.71 | 128  | 676201   | 40.76 | ng    | 100    |
| 32) Benzoic acid               | 7.56 | 122  | 129173   | 31.03 | ng    | 97     |
| 33) 4-Chloroaniline            | 7.78 | 127  | 281237   | 41.67 | ng    | 97     |
| 34) Hexachlorobutadiene        | 7.83 | 225  | 99566    | 41.02 | ng    | 99     |
| 35) Caprolactam                | 8.16 | 113  | 60857    | 39.51 | ng    | # 61   |
| 36) 4-Chloro-3-methylphenol    | 8.29 | 107  | 209778   | 40.03 | ng    | 87     |
| 37) 2-Methylnaphthalene        | 8.40 | 142  | 408206   | 38.87 | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.57 | 216  | 159903   | 45.19 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 8.56 | 237  | 7369     | 12.06 | ng    | 99     |

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 Data File : BF097502.D  
 Acq On : 9 Aug 2017 7:25  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

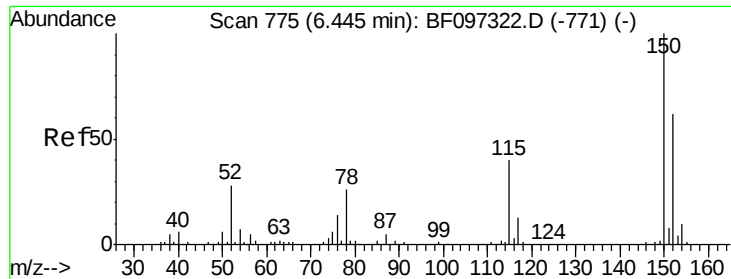
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 09 07:58:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 07 16:02:51 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.70  | 196  | 105683   | 41.21  | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.75  | 196  | 98002    | 38.18  | nq    | 97       |
| 45) 1,1'-Biphenyl              | 8.87  | 154  | 498619   | 44.02  | nq    | 97       |
| 46) 2-Chloronaphthalene        | 8.89  | 162  | 358013   | 42.95  | nq    | # 91     |
| 47) 2-Nitroaniline             | 9.00  | 65   | 139620   | 46.15  | nq    | 97       |
| 48) Acenaphthylene             | 9.30  | 152  | 539428   | 42.16  | nq    | 98       |
| 49) Dimethylphthalate          | 9.17  | 163  | 435554   | 43.25  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.25  | 165  | 84153    | 39.40  | nq    | # 81     |
| 51) Acenaphthene               | 9.47  | 154  | 314200   | 41.69  | nq    | 99       |
| 52) 3-Nitroaniline             | 9.41  | 138  | 118269   | 44.61  | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 9.56  | 184  | 5009     | 5.16   | nq    | # 65     |
| 54) Dibenzofuran               | 9.64  | 168  | 438734   | 43.70  | nq    | 95       |
| 55) 4-Nitrophenol              | 9.64  | 139  | 261921   | 166.11 | nq    | # 35     |
| 56) 2,4-Dinitrotoluene         | 9.66  | 165  | 100871   | 41.08  | nq    | # 81     |
| 57) Fluorene                   | 9.98  | 166  | 327494   | 43.40  | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.77  | 232  | 64108    | 36.17  | nq    | # 99     |
| 59) Diethylphthalate           | 9.87  | 149  | 410488   | 44.43  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 9.97  | 204  | 138896   | 44.58  | nq    | 97       |
| 61) 4-Nitroaniline             | 10.02 | 138  | 107458   | 42.65  | nq    | 92       |
| 62) Azobenzene                 | 10.13 | 77   | 354494   | 41.36  | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.07 | 198  | 12374    | 10.12  | nq    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.10 | 169  | 307197   | 44.88  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.46 | 248  | 84648    | 43.11  | nq    | 95       |
| 67) Hexachlorobenzene          | 10.53 | 284  | 90925    | 41.30  | nq    | # 82     |
| 68) Atrazine                   | 10.63 | 200  | 54934    | 27.99  | nq    | 96       |
| 69) Pentachlorophenol          | 10.74 | 266  | 45493    | 49.94  | nq    | 92       |
| 70) Phenanthrene               | 10.93 | 178  | 437560   | 41.51  | nq    | 99       |
| 71) Anthracene                 | 10.99 | 178  | 454184   | 42.07  | nq    | 98       |
| 72) Carbazole                  | 11.15 | 167  | 452131   | 42.58  | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.49 | 149  | 572945   | 43.65  | nq    | 99       |
| 74) Fluoranthene               | 12.11 | 202  | 428266   | 41.47  | nq    | 98       |
| 76) Benzidine                  | 12.25 | 184  | 223562   | 42.90  | nq    | # 92     |
| 77) Pyrene                     | 12.33 | 202  | 442298   | 38.47  | nq    | 99       |
| 79) Butylbenzylphthalate       | 12.97 | 149  | 235307   | 40.23  | nq    | # 79     |
| 80) Benzo(a)anthracene         | 13.52 | 228  | 358571   | 39.46  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.49 | 252  | 153556   | 44.81  | nq    | # 96     |
| 82) Chrysene                   | 13.56 | 228  | 363857   | 41.00  | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.53 | 149  | 295315   | 38.67  | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.14 | 149  | 570598   | 40.72  | nq    | # 90     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.06 | 276  | 282555   | 37.13  | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 14.53 | 252  | 359074   | 46.12  | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 14.82 | 252  | 244521   | 32.96  | nq    | 99       |
| 89) Benzo(a)pyrene             | 14.82 | 252  | 299141   | 41.98  | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.07 | 278  | 235589   | 40.31  | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 16.42 | 276  | 234094   | 38.20  | nq    | 99       |

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



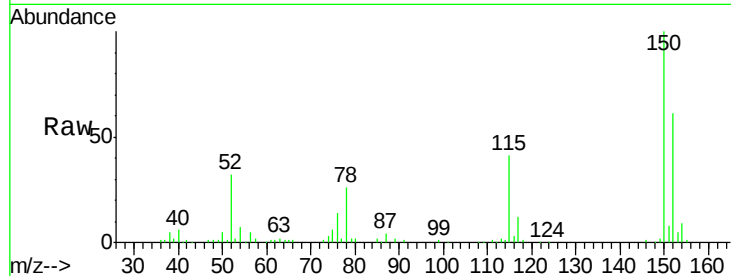


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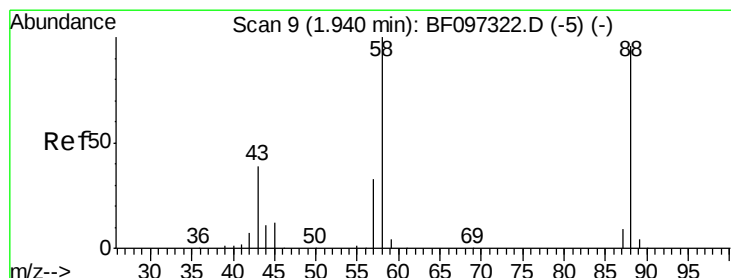
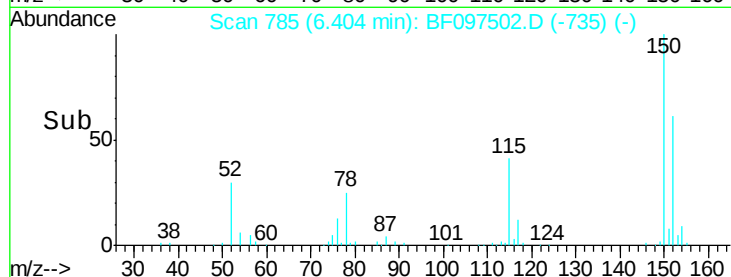
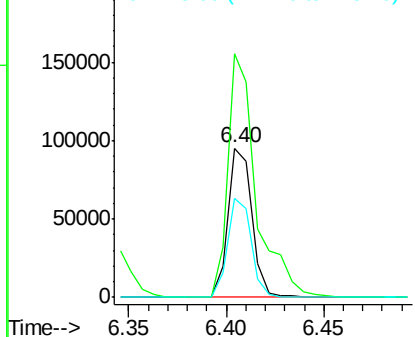
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.40 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion   | 152   | Resp  | 81021 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 152       | 100   |       |       |
| 150       | 163.1 | 126.2 | 189.2 |
| 115       | 66.1  | 52.2  | 78.2  |



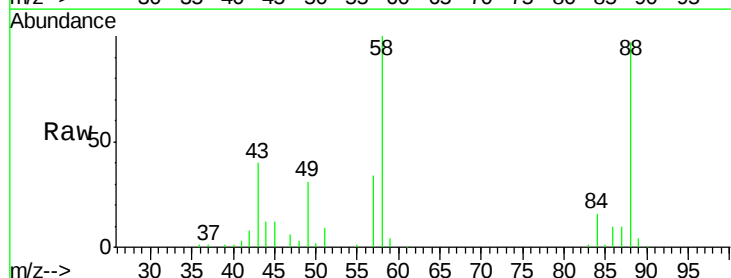
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



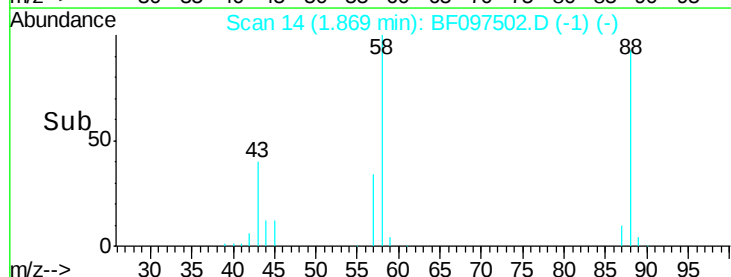
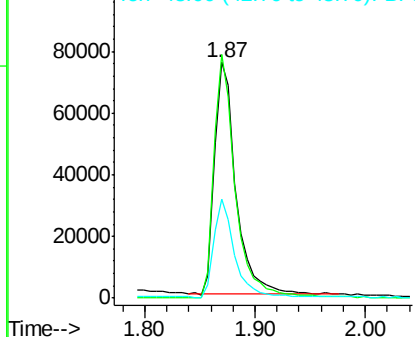
#2

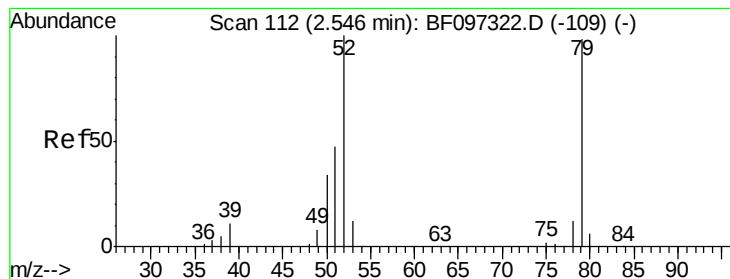
1,4-Dioxane  
Concen: 45.34 ng  
RT: 1.87 min Scan# 14  
Delta R.T. -0.03 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

| Tgt Ion   | 88    | Resp  | 101702 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 88        | 100   |       |        |
| 58        | 104.5 | 61.4  | 92.0#  |
| 43        | 41.9  | 23.4  | 35.0#  |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.28 ng

RT: 2.46 min Scan# 115

Delta R.T. -0.03 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

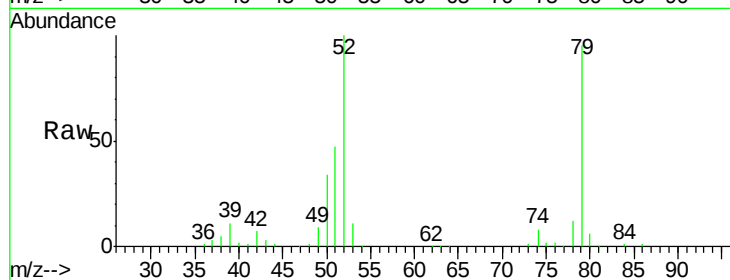
Tot Ion: 79 Resp: 304108

Ion Ratio Lower Upper

79 100

52 105.6 54.8 82.2#

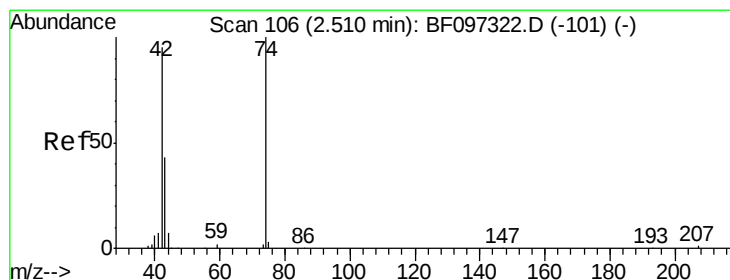
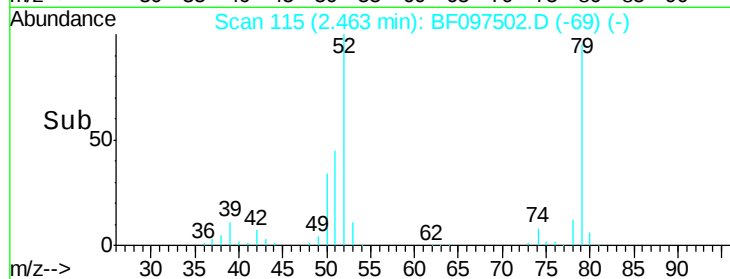
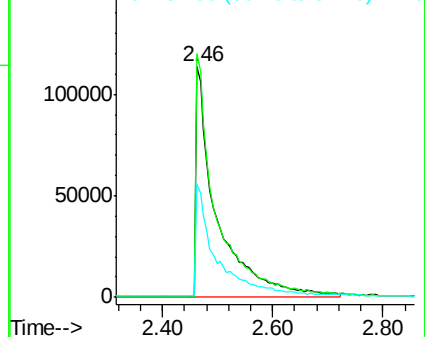
51 49.3 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.85 ng

RT: 2.43 min Scan# 109

Delta R.T. -0.04 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

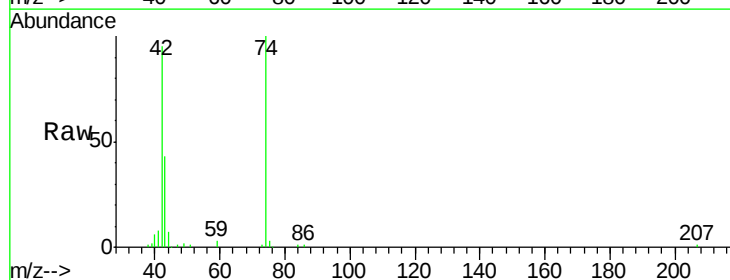
Tgt Ion: 42 Resp: 170640

Ion Ratio Lower Upper

42 100

74 105.2 103.9 155.9

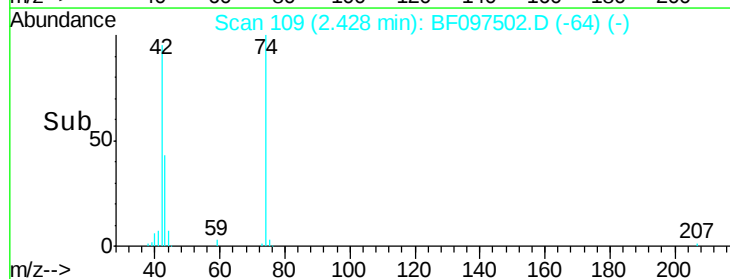
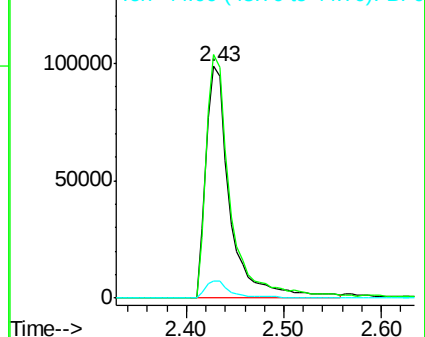
44 7.3 5.7 8.5

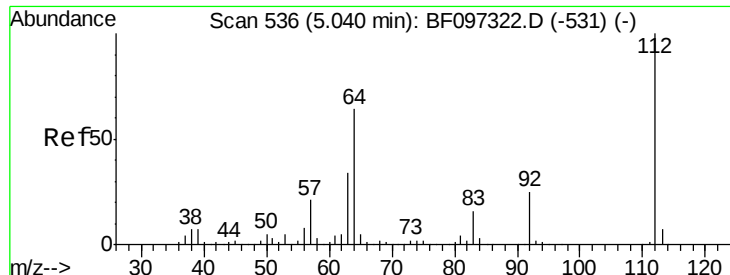


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.42 ng

RT: 5.00 min Scan# 546

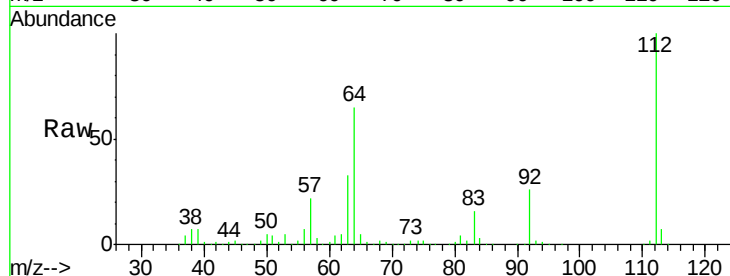
Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :  
BNA\_F  
ClientSampleId :

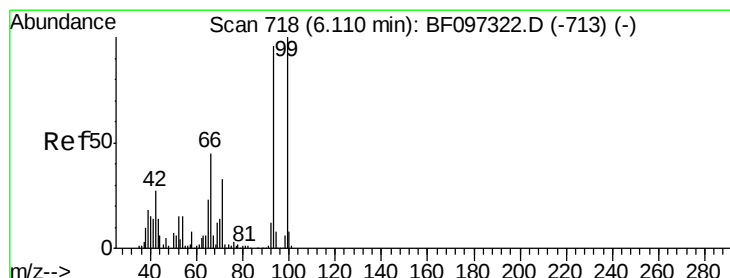
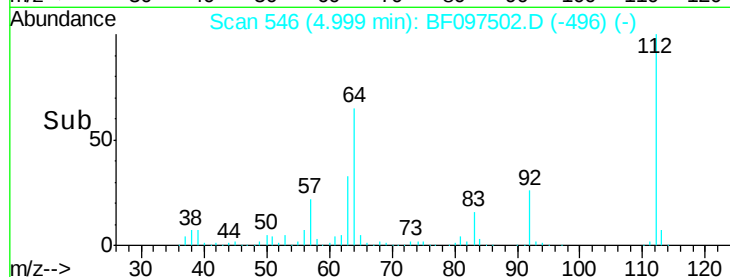
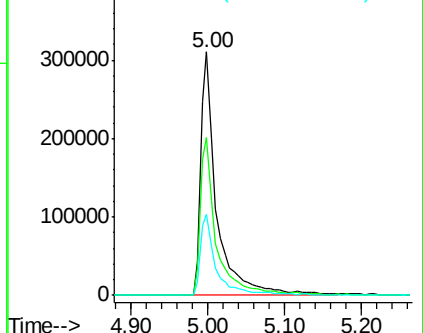
|             |       |        |
|-------------|-------|--------|
| Tot Ion:112 | Resp: | 448357 |
| Ion Ratio   | Lower | Upper  |
| 112 100     |       |        |
| 64 64.9     | 46.0  | 69.0   |
| 63 33.3     | 23.4  | 35.0   |



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 43.70 ng

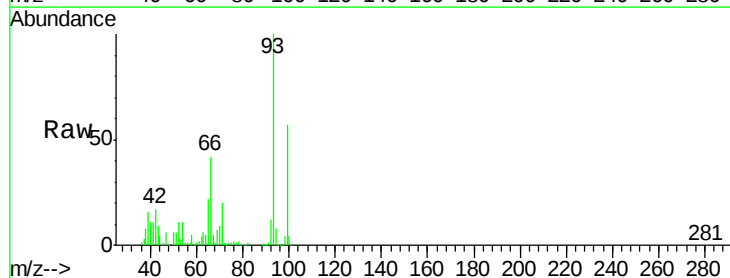
RT: 6.07 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

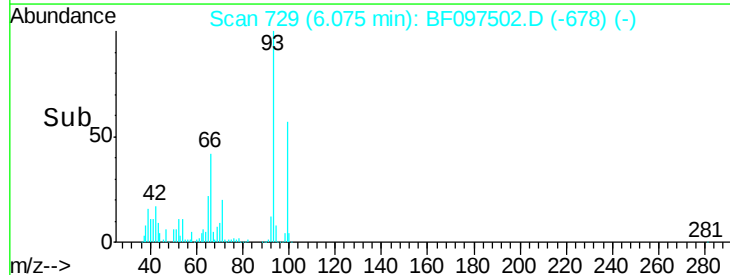
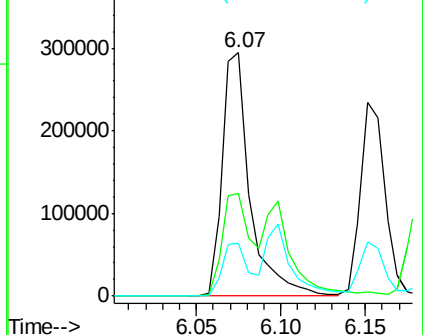
|             |       |        |
|-------------|-------|--------|
| Tgt Ion: 93 | Resp: | 337381 |
| Ion Ratio   | Lower | Upper  |
| 93 100      |       |        |
| 66 42.5     | 32.9  | 49.3   |
| 65 21.9     | 16.0  | 24.0   |

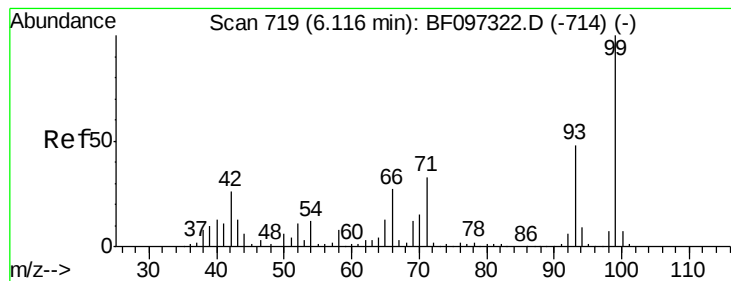


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.07 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

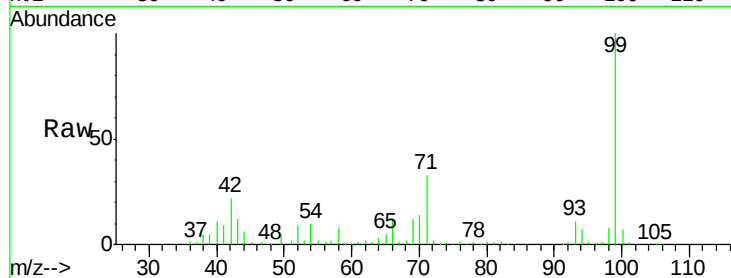
Tot Ion: 99 Resp: 515827

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

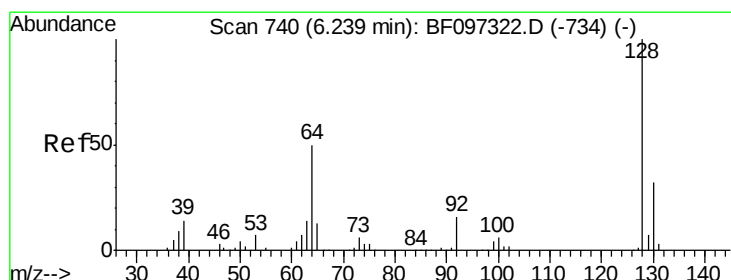
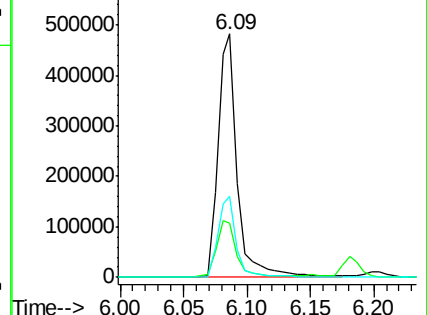
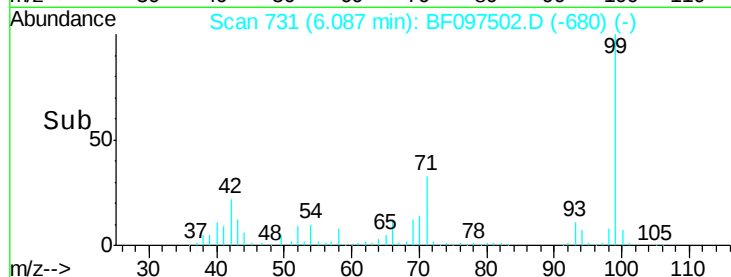
71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.31 ng

RT: 6.20 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

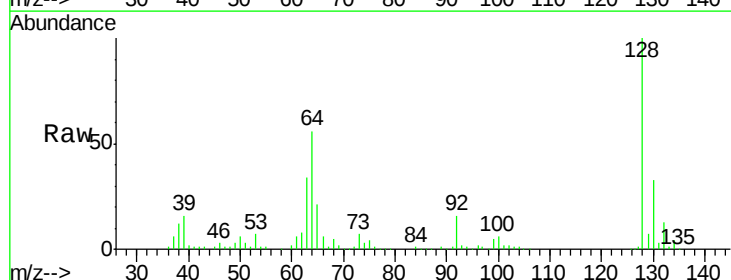
Tgt Ion:128 Resp: 248882

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

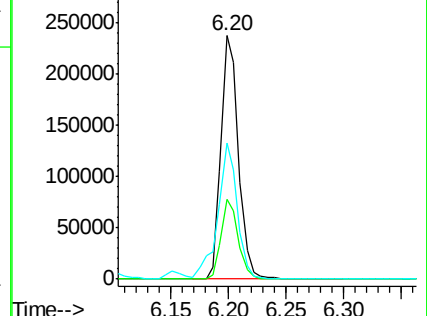
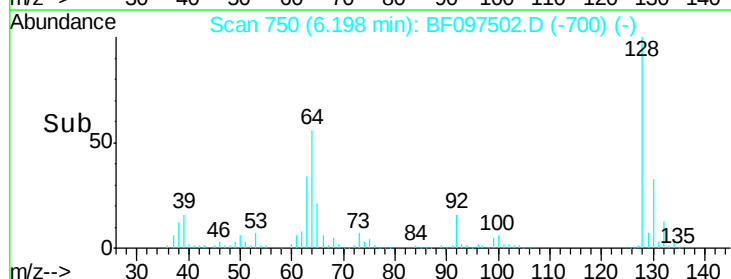
64 55.9 28.4 68.4

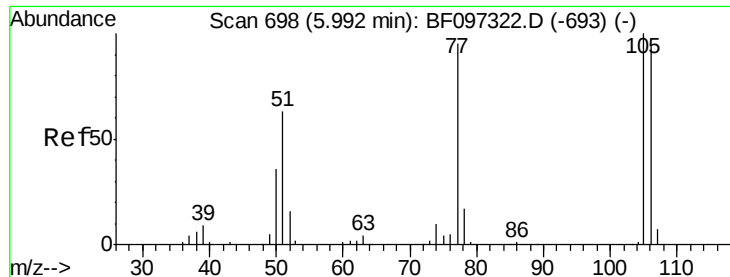


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

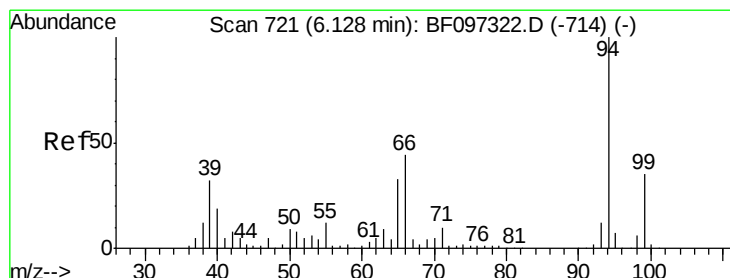
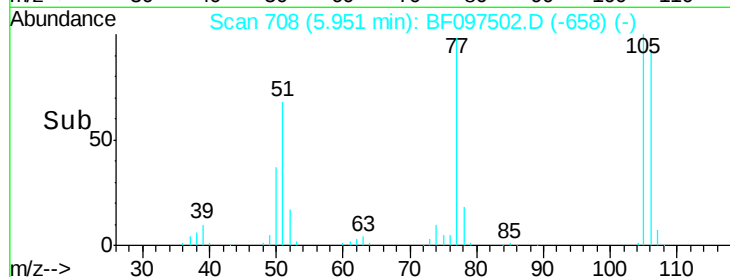
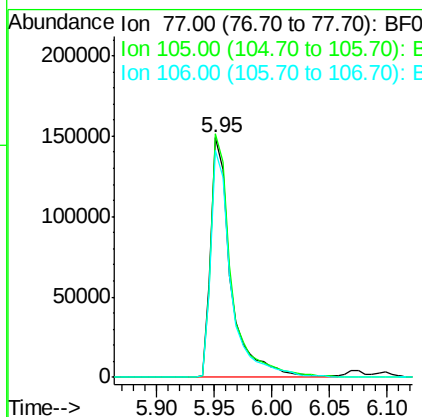
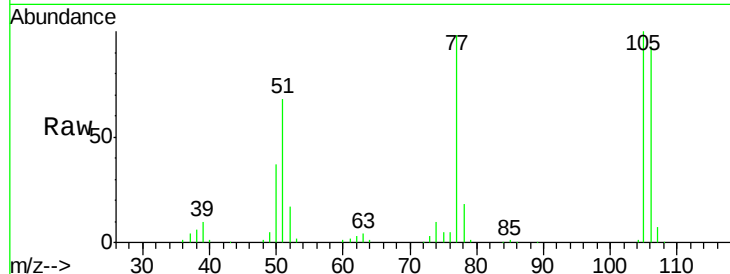




#9  
Benzaldehyde  
Concen: 50.34 ng  
RT: 5.95 min Scan# 708  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

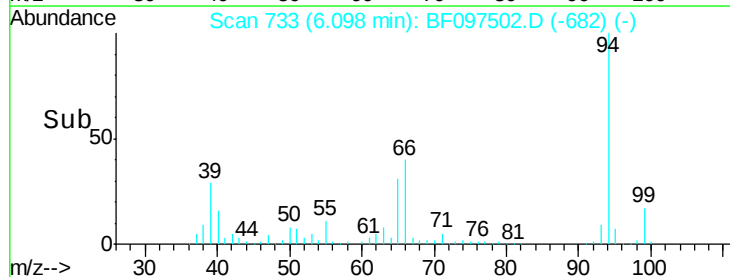
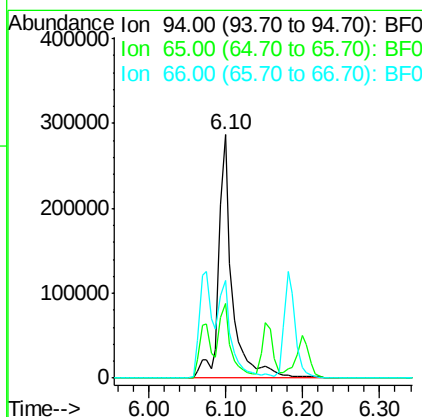
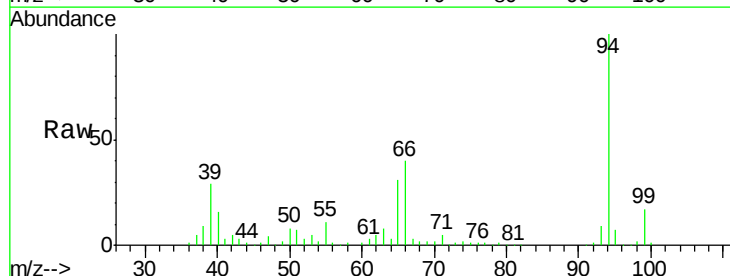
Instrument :  
BNA\_F  
ClientSampled :

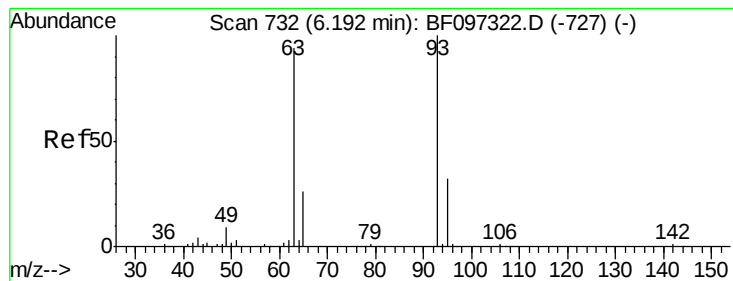
Tot Ion: 77 Resp: 182816  
Ion Ratio Lower Upper  
77 100  
105 101.7 83.8 123.8  
106 95.1 79.1 119.1



#10  
Phenol  
Concen: 47.56 ng  
RT: 6.10 min Scan# 733  
Delta R.T. 0.00 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Tgt Ion: 94 Resp: 346159  
Ion Ratio Lower Upper  
94 100  
65 30.6 9.9 49.9  
66 39.9 23.1 63.1

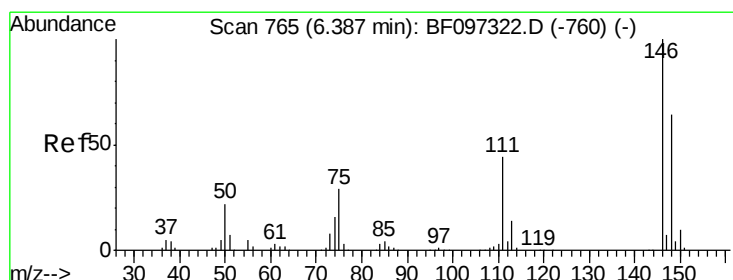
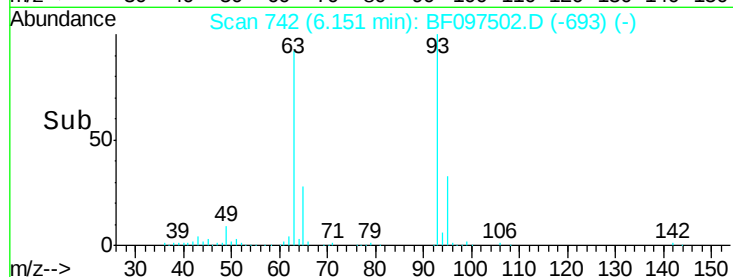
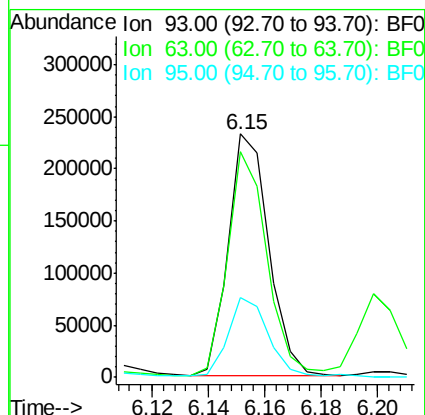
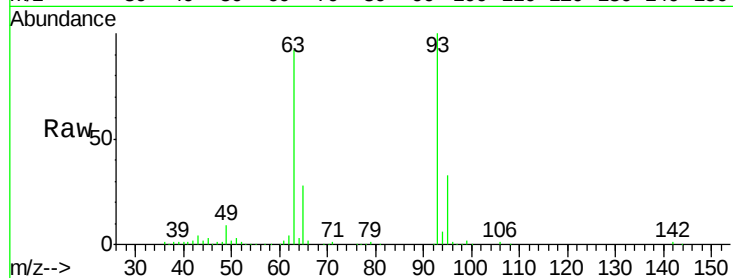




#11  
bis(2-Chloroethyl)ether  
Concen: 40.12 ng  
RT: 6.15 min Scan# 742  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

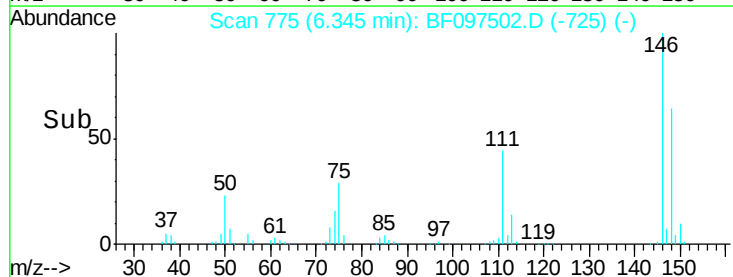
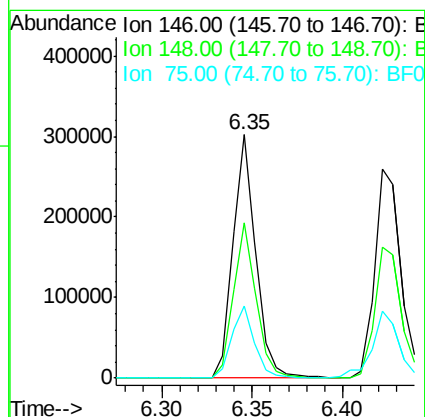
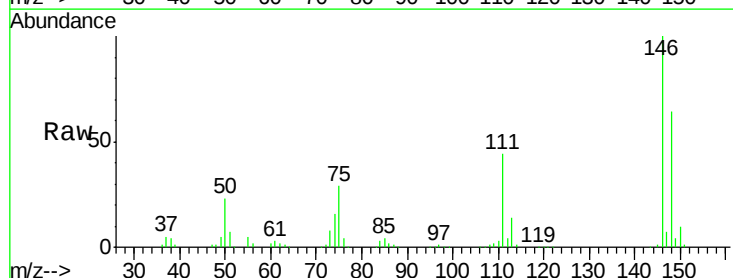
Instrument :  
BNA\_F  
ClientSampleId :

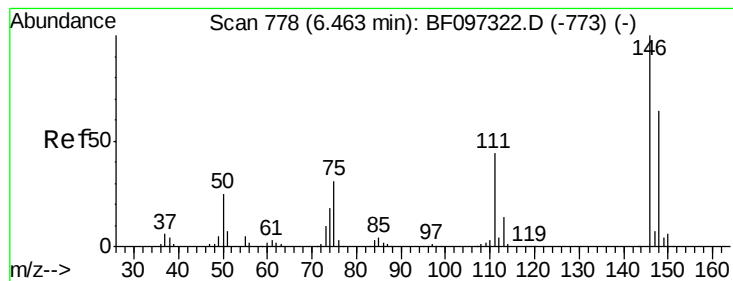
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 92.5  | 59.2  | 99.2  |
| 95      | 33.0  | 12.8  | 52.8  |



#12  
1,3-Dichlorobenzene  
Concen: 42.84 ng  
RT: 6.35 min Scan# 775  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 51.8  | 77.6  |
| 75      | 29.4  | 23.1  | 34.7  |





#13

1,4-Dichlorobenzene

Concen: 43.48 ng

RT: 6.42 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

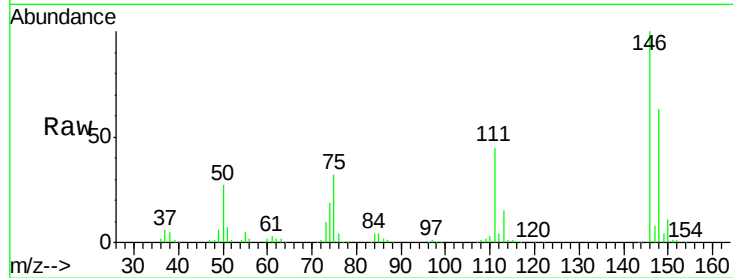
Tot Ion:146 Resp: 266878

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

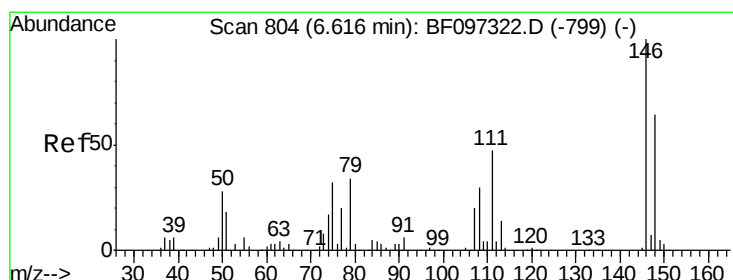
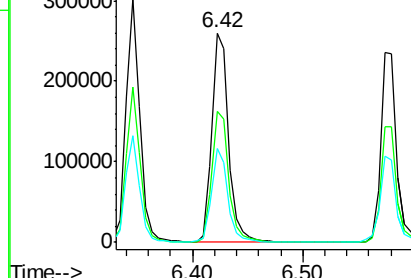
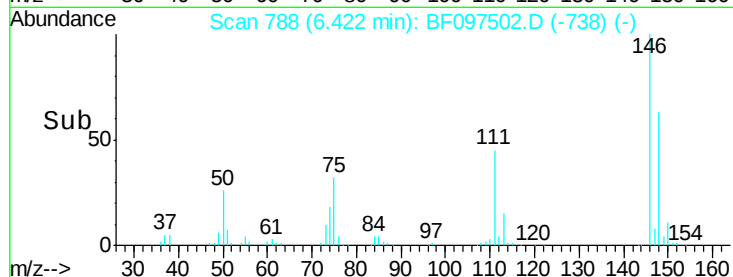
111 44.9 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.20 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

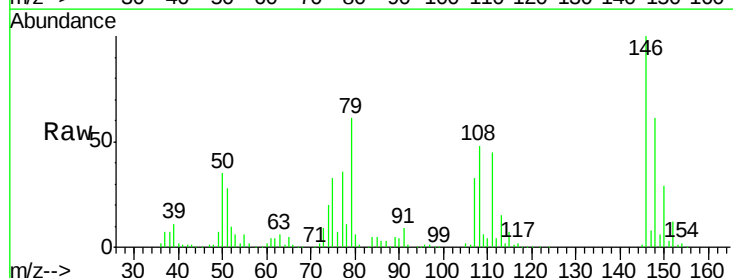
Tgt Ion:146 Resp: 236892

Ion Ratio Lower Upper

146 100

148 60.8 50.4 75.6

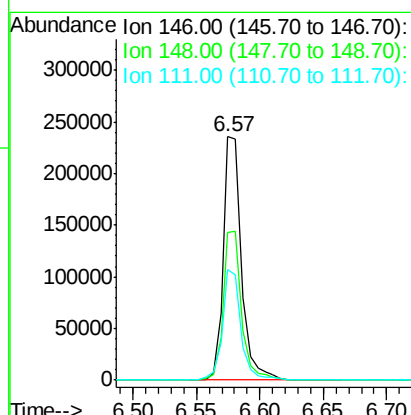
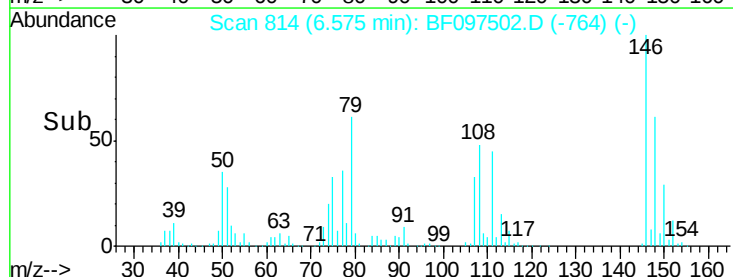
111 45.5 38.2 57.4

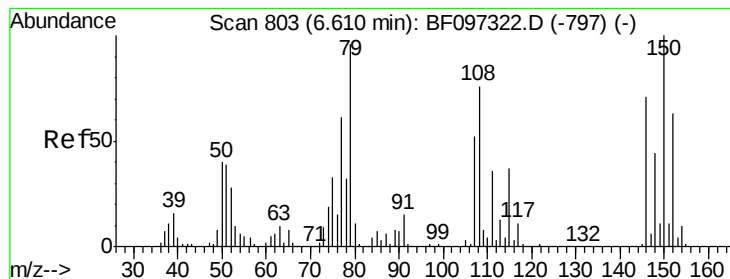


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.25 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :  
BNA\_F  
ClientSampled :

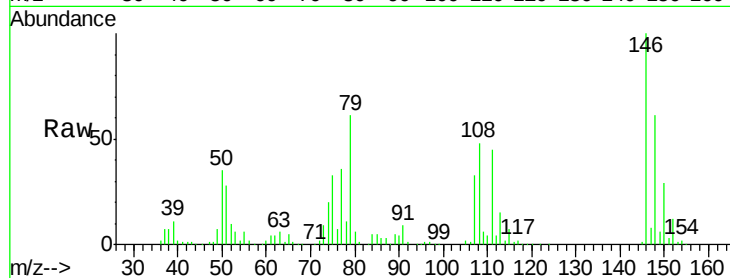
Tot Ion: 79 Resp: 179656

Ion Ratio Lower Upper

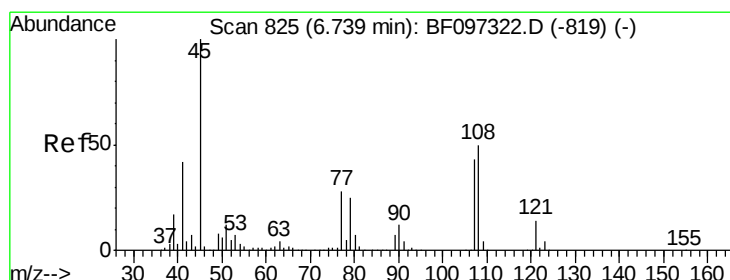
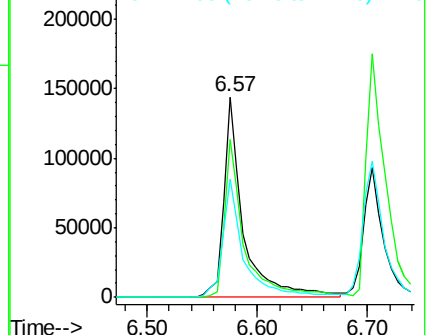
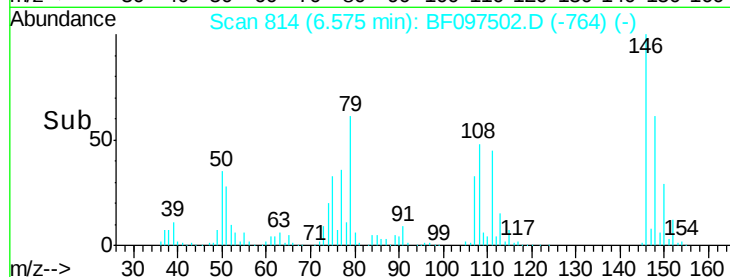
79 100

108 78.5 63.4 95.0

77 59.0 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.38 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

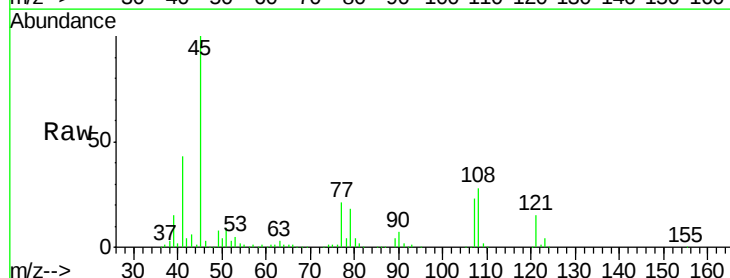
Tgt Ion: 45 Resp: 489241

Ion Ratio Lower Upper

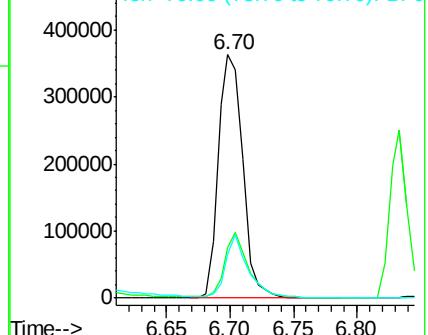
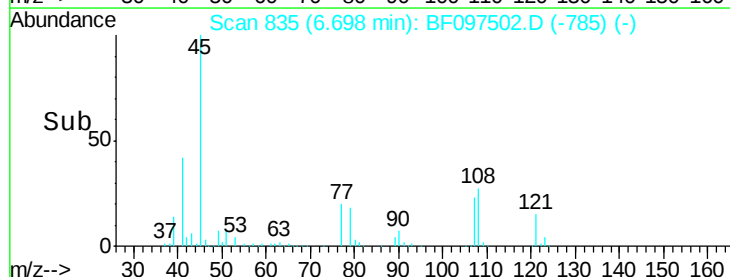
45 100

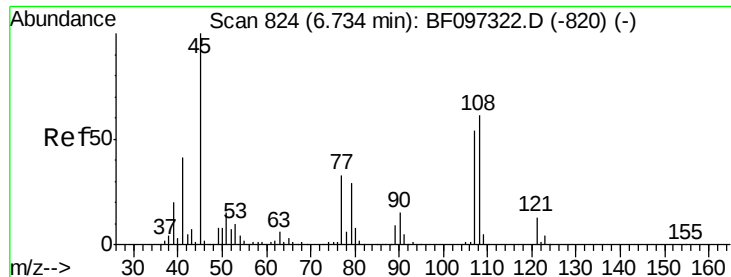
77 20.7 0.0 33.2

79 18.2 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.70 ng

RT: 6.70 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF097502.D

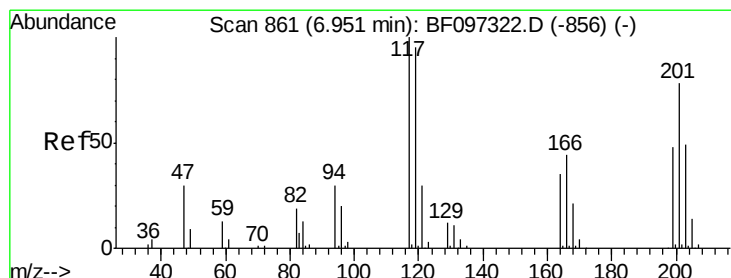
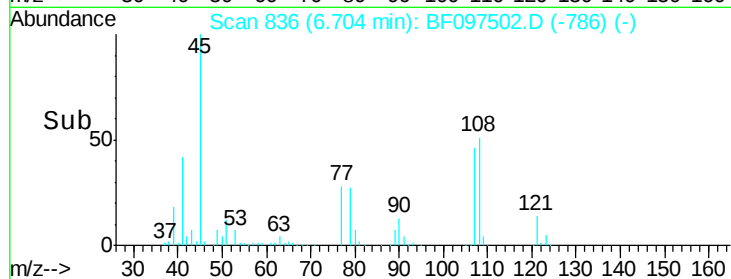
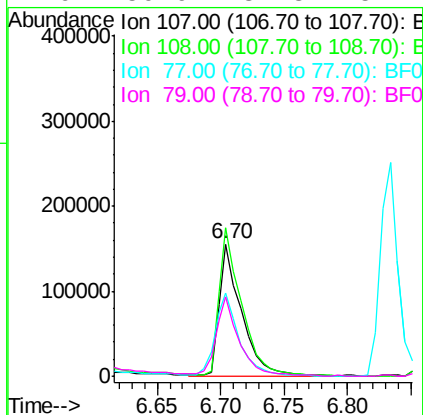
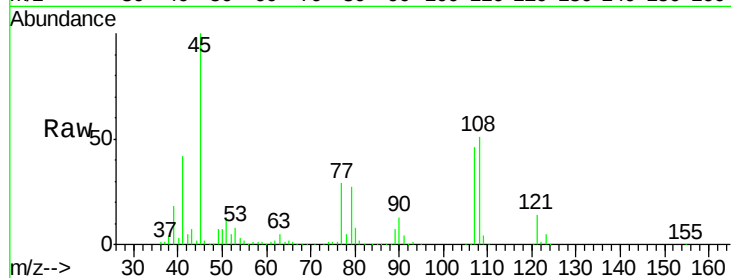
Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 189390 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.5 | 93.4  | 140.0  |
| 77       | 62.7  | 35.8  | 53.6#  |
| 79       | 59.9  | 34.8  | 52.2#  |



#18

Hexachloroethane

Concen: 33.39 ng

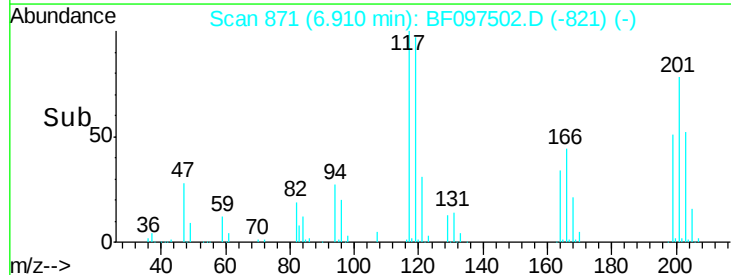
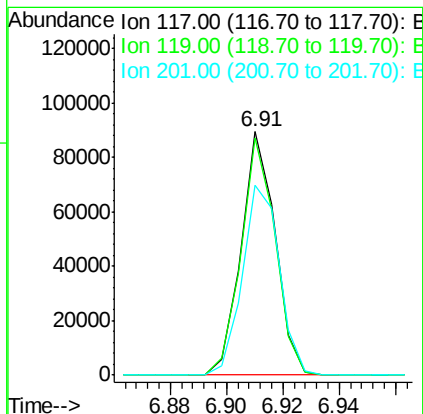
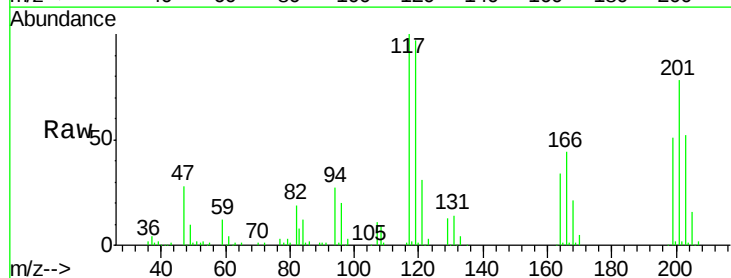
RT: 6.91 min Scan# 871

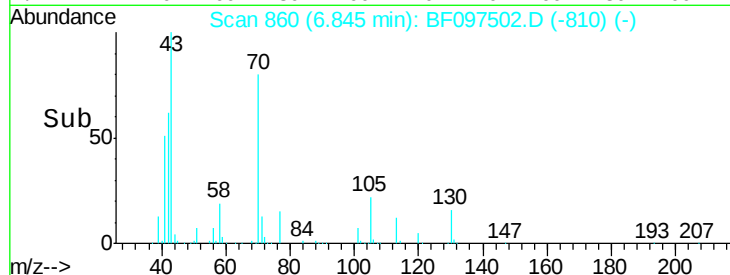
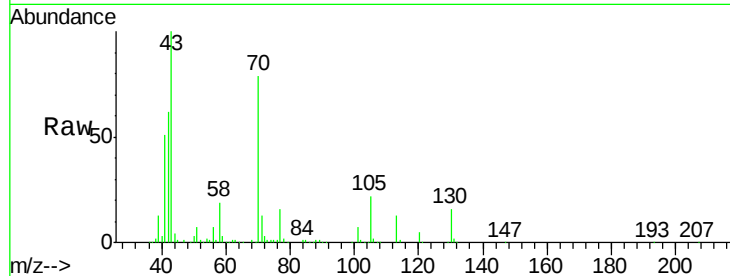
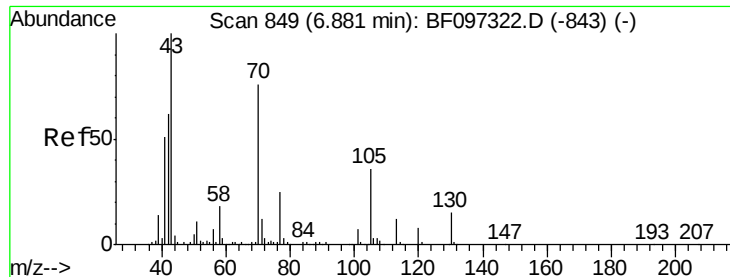
Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 74979  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.2  | 77.4  | 116.0  |
| 201      | 77.8  | 94.6  | 141.8# |

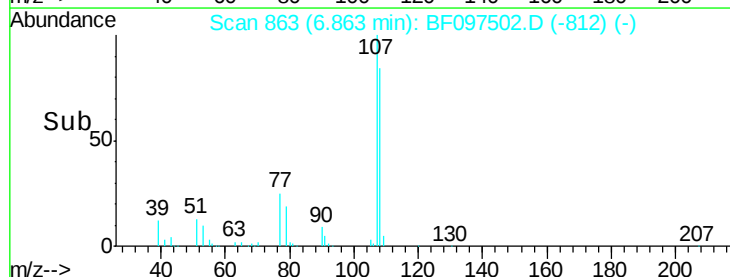
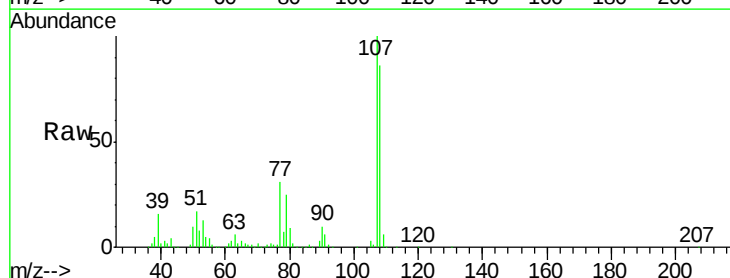
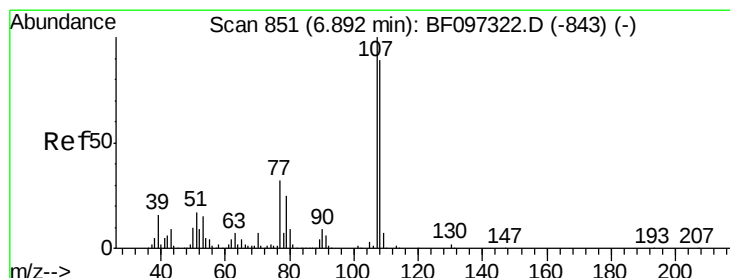
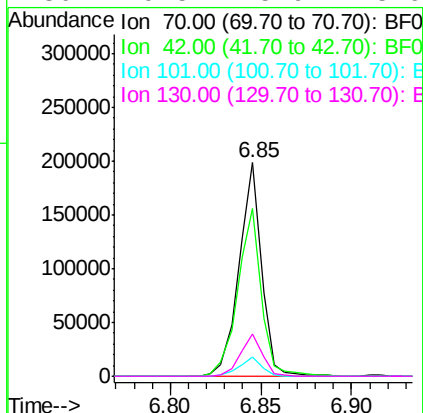




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.50 ng  
RT: 6.85 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

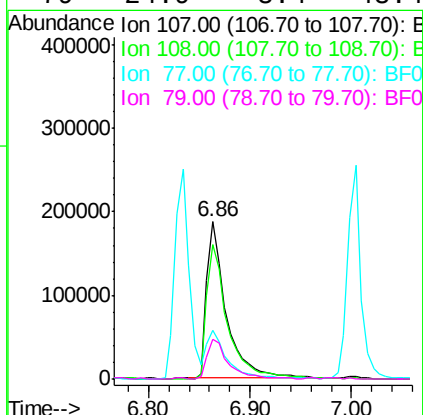
Instrument :  
BNA\_F  
ClientSampleId :

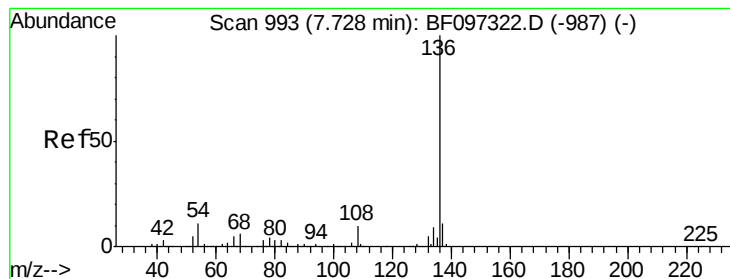
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 78.5  | 47.2  | 70.8# |
| 101     | 9.3   | 7.2   | 10.8  |
| 130     | 19.5  | 15.9  | 23.9  |



#20  
3+4-Methylphenols  
Concen: 43.14 ng  
RT: 6.86 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 86.0  | 71.0  | 111.0  |
| 77      | 30.8  | 90.5  | 130.5# |
| 79      | 24.9  | 8.4   | 48.4   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 351899

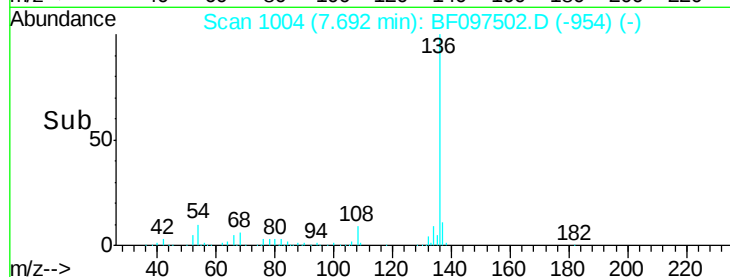
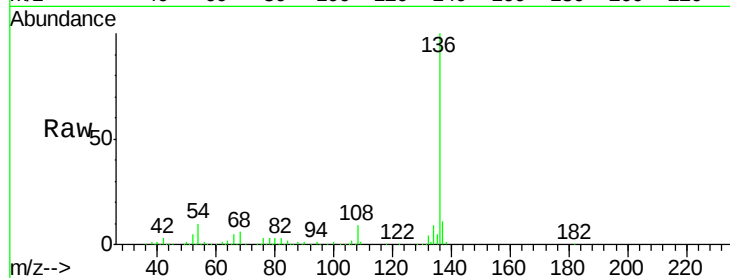
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.0 4.9 7.3#

68 5.8 4.1 6.1

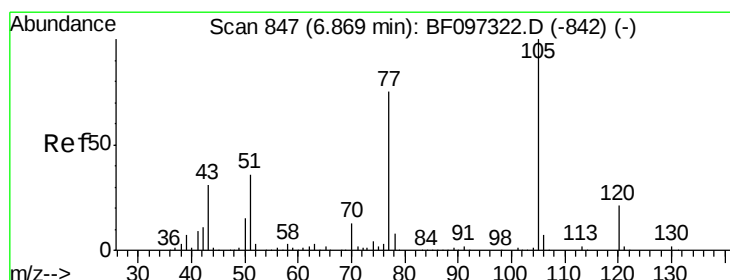
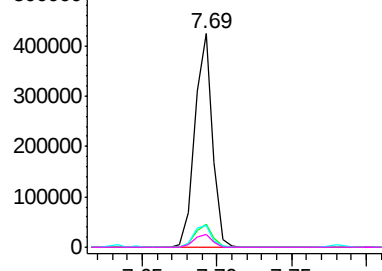


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.04 ng

RT: 6.83 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Tgt Ion:105 Resp: 329890

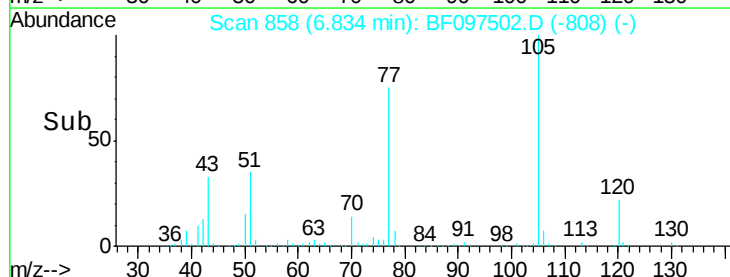
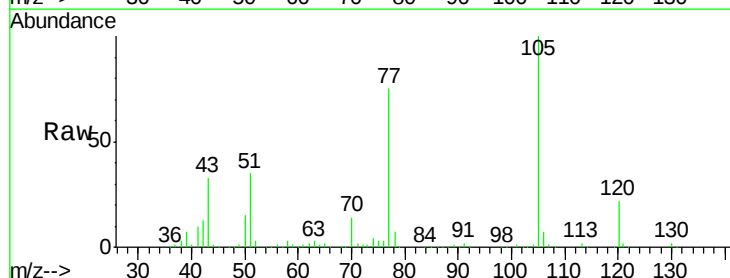
Ion Ratio Lower Upper

105 100

71 2.2 2.8 4.2#

51 35.5 30.7 46.1

120 21.8 17.4 26.0

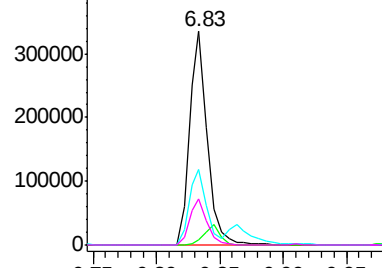


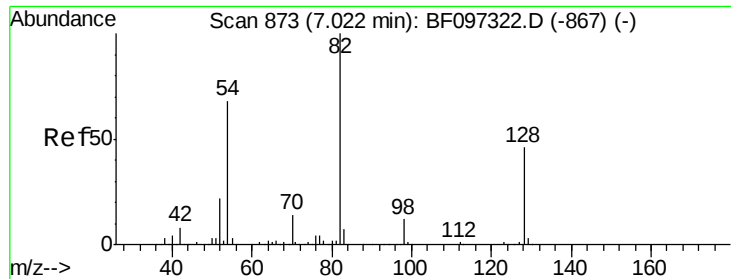
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

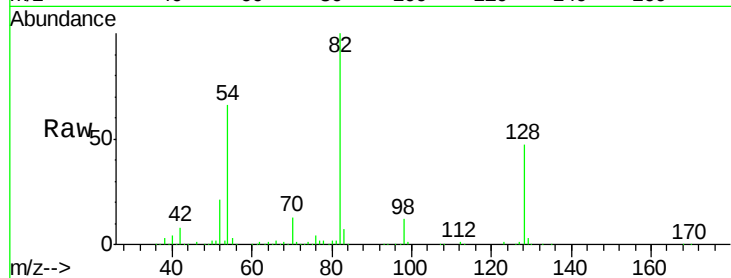




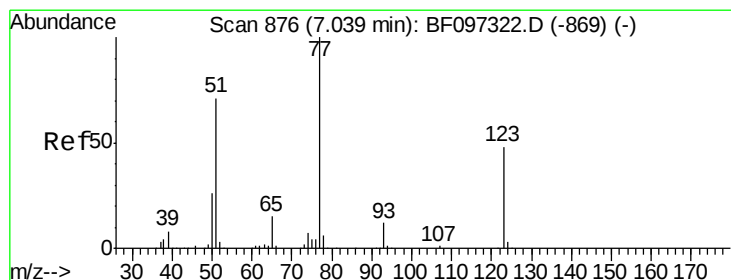
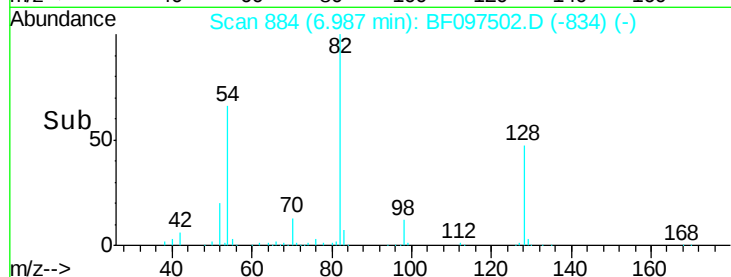
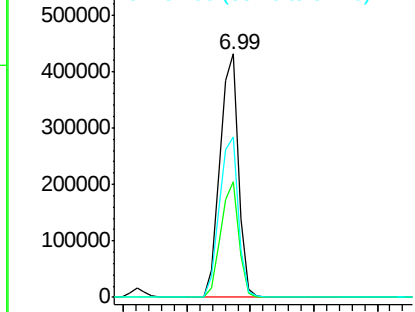
#23  
Nitrobenzene-d5  
Concen: 73.83 ng  
RT: 6.99 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion   | 82    | Resp  | 442862 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 47.3  | 34.0  | 51.0   |
| 54        | 65.9  | 42.2  | 63.2#  |

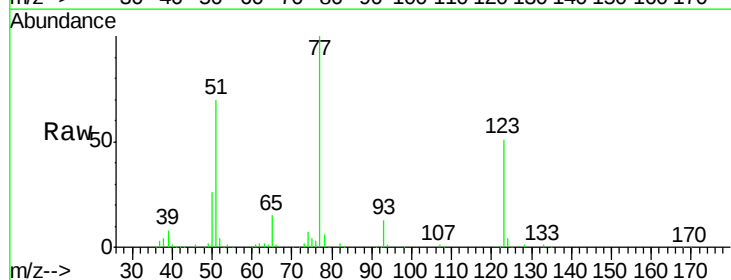


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

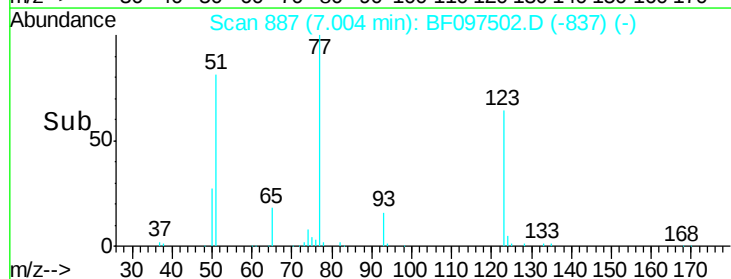
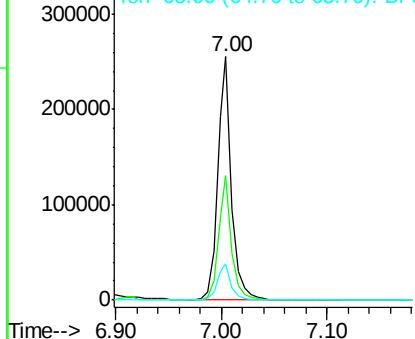


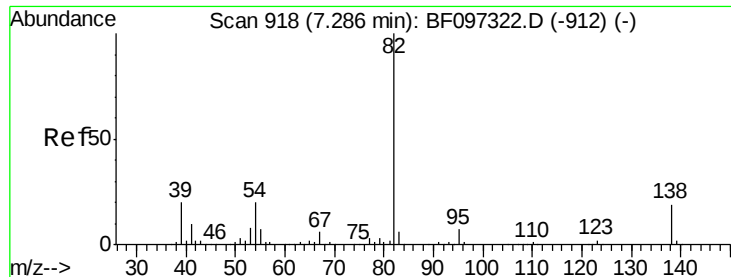
#24  
Nitrobenzene  
Concen: 37.27 ng  
RT: 7.00 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

| Tgt Ion   | 77    | Resp  | 232827 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 51.2  | 35.8  | 53.8   |
| 65        | 14.8  | 10.6  | 15.8   |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.10 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

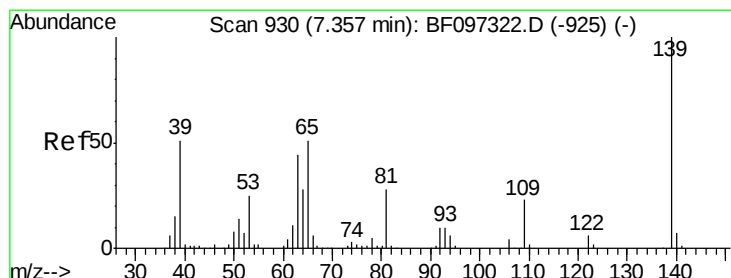
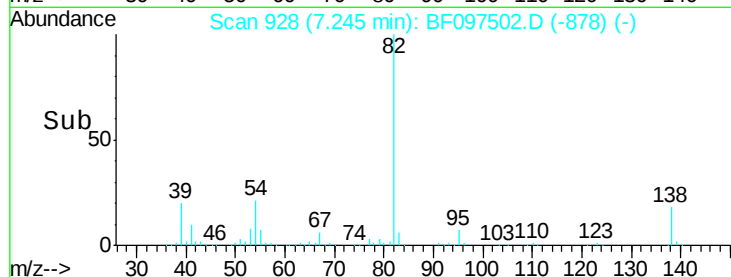
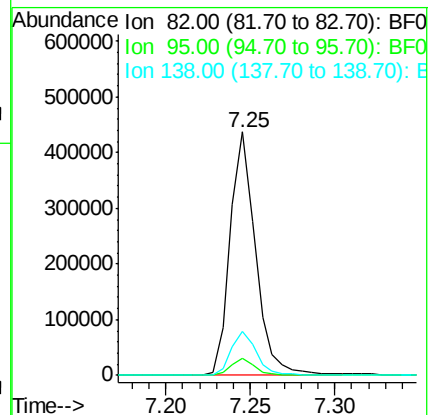
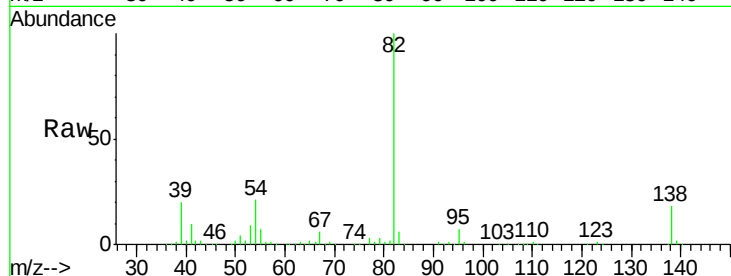
Tot Ion: 82 Resp: 459377

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.0 13.1 19.7



#26

2-Nitrophenol

Concen: 35.47 ng

RT: 7.32 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

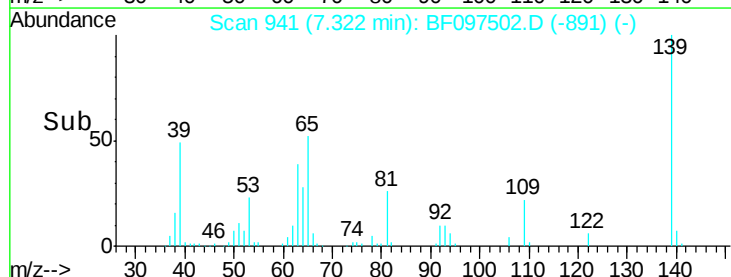
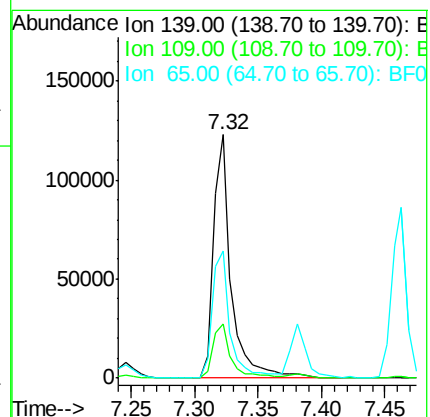
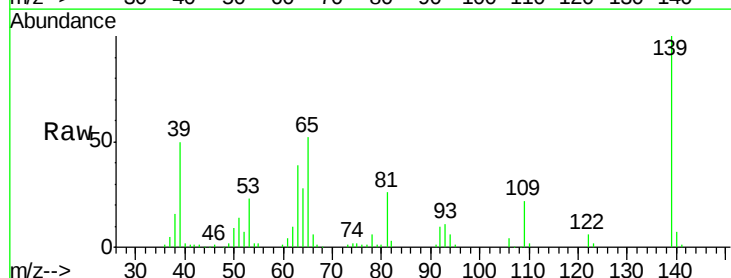
Tgt Ion: 139 Resp: 119872

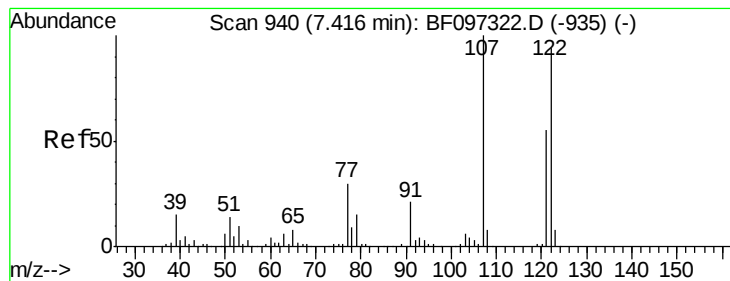
Ion Ratio Lower Upper

139 100

109 22.5 21.0 31.6

65 52.3 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 40.55 ng

RT: 7.38 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :  
BNA\_F  
ClientSampleId :

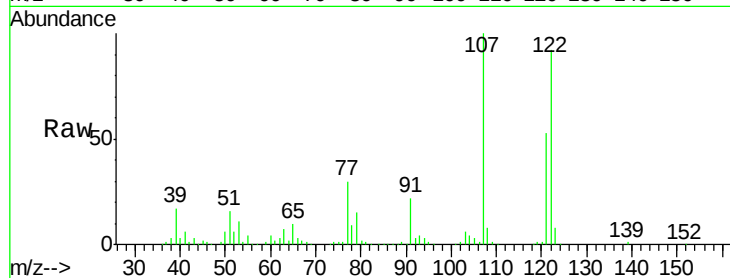
Tot Ion:122 Resp: 226095

Ion Ratio Lower Upper

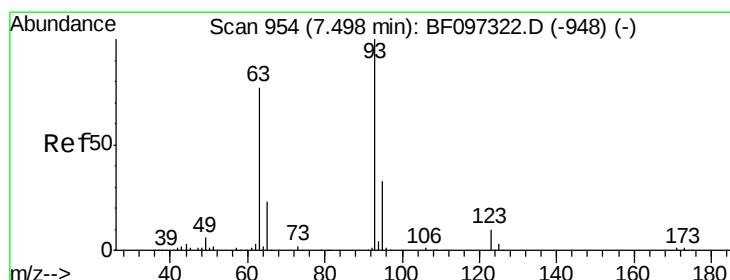
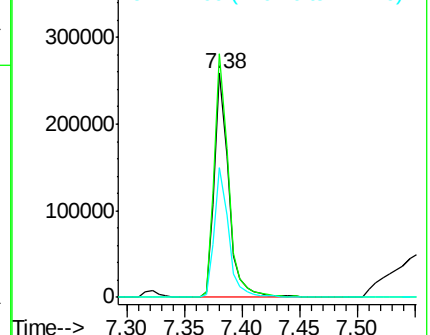
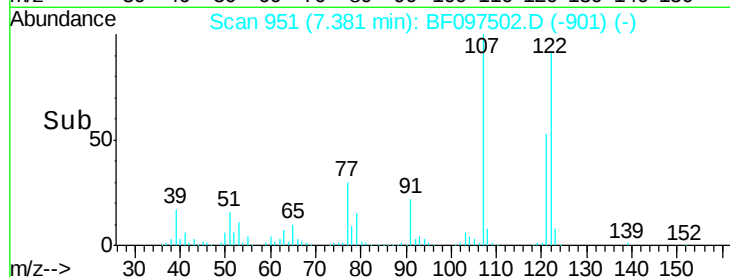
122 100

107 108.7 89.2 133.8

121 58.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.38 ng

RT: 7.46 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

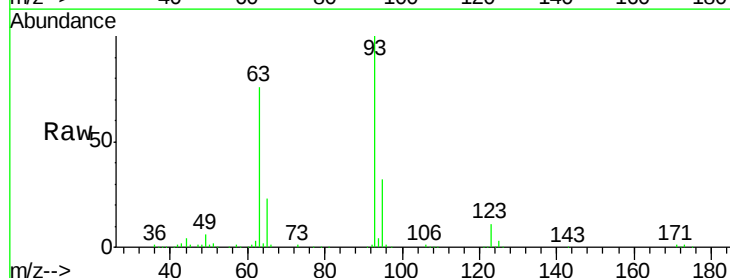
Tgt Ion: 93 Resp: 309546

Ion Ratio Lower Upper

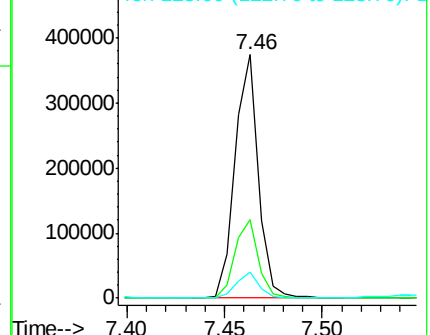
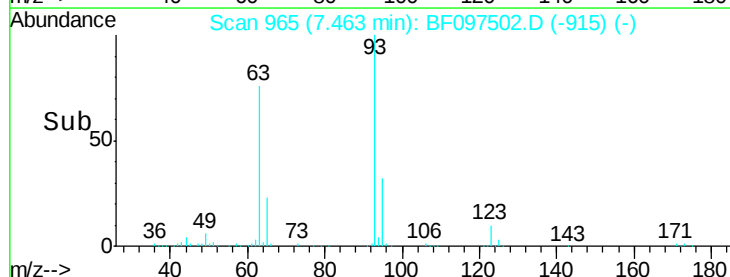
93 100

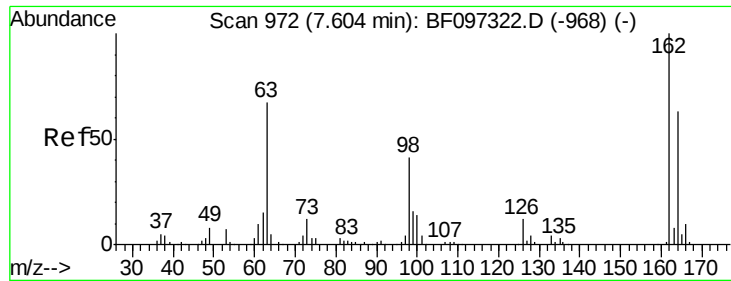
95 32.2 26.5 39.7

123 10.5 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 123.00 (122.70 to 123.70): E

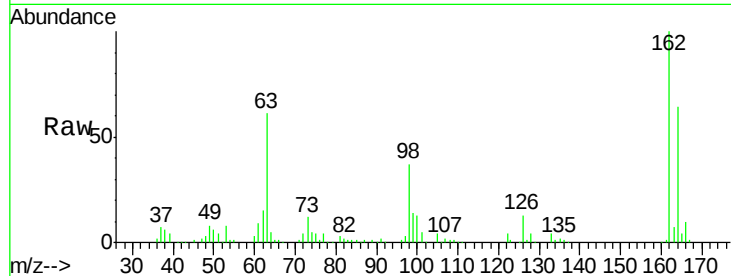




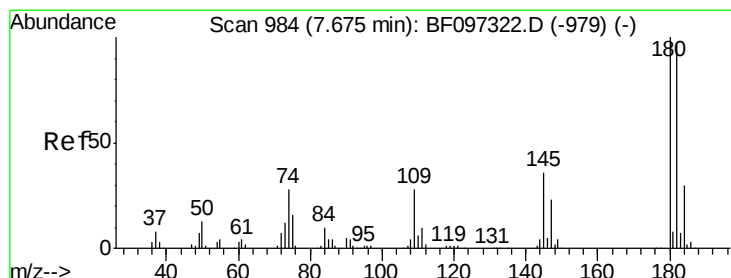
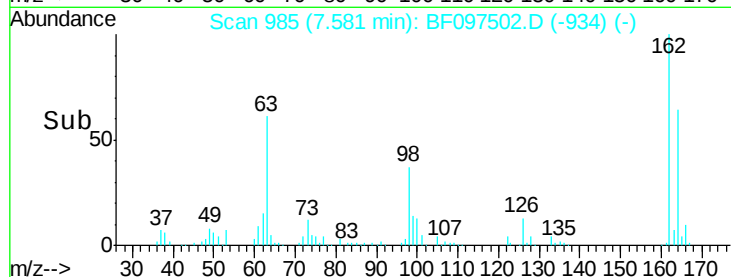
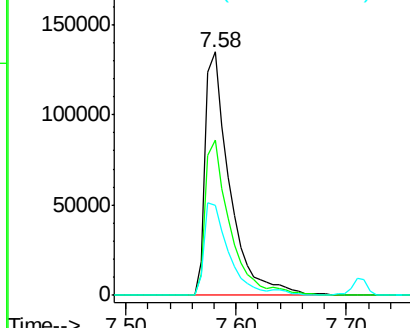
#29  
 2,4-Dichlorophenol  
 Concen: 42.22 ng  
 RT: 7.58 min Scan# 985  
 Delta R.T. 0.00 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.6  | 44.6  | 84.6  |
| 98      | 37.2  | 14.8  | 54.8  |

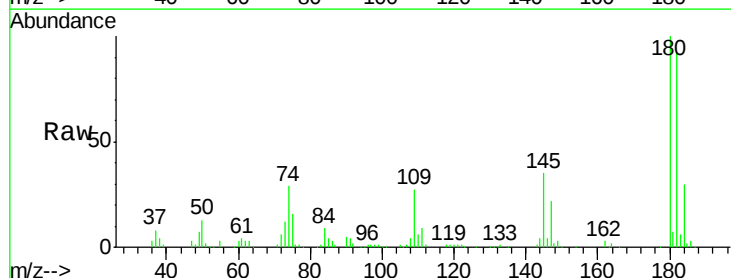


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

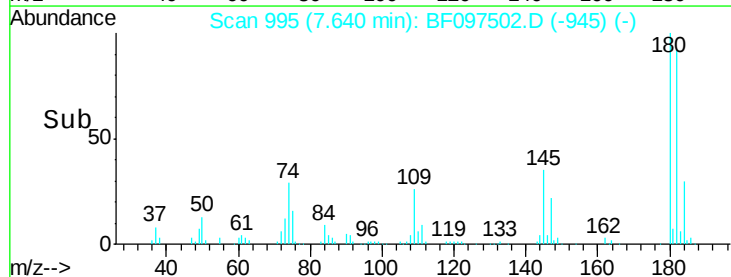
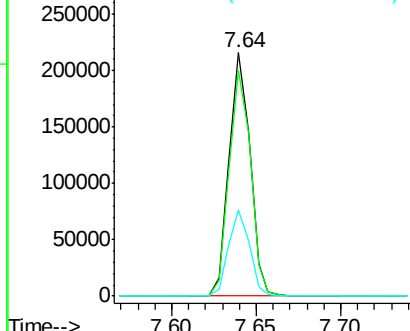


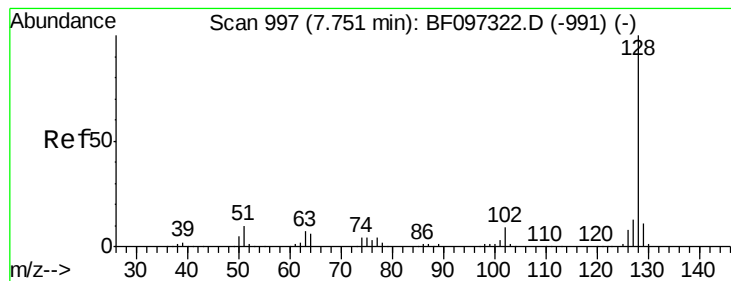
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.75 ng  
 RT: 7.64 min Scan# 995  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.5  | 75.8  | 113.6 |
| 145     | 35.4  | 25.3  | 37.9  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.76 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampled :

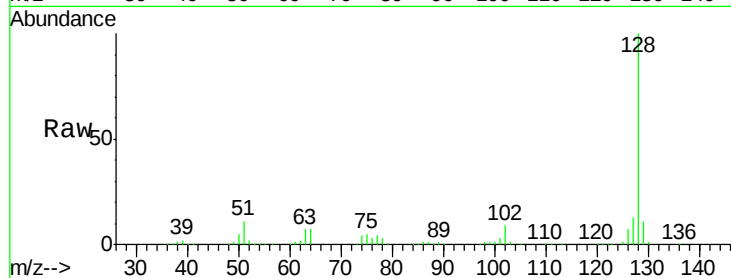
Tot Ion:128 Resp: 676201

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

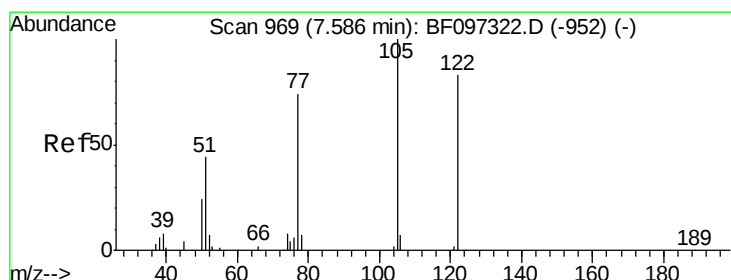
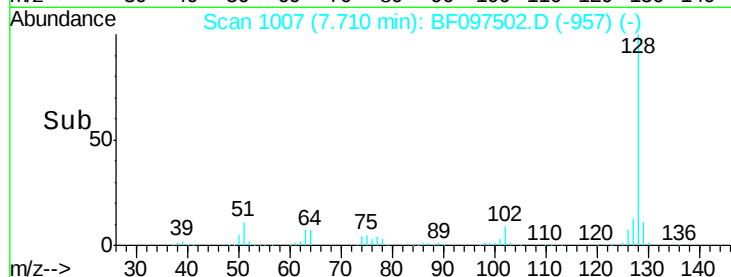
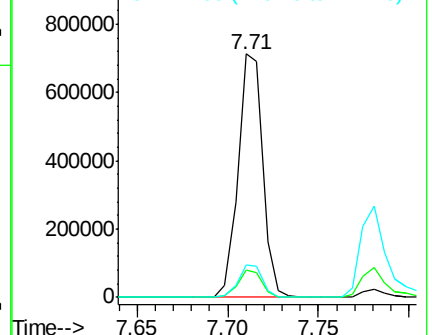
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.03 ng

RT: 7.56 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

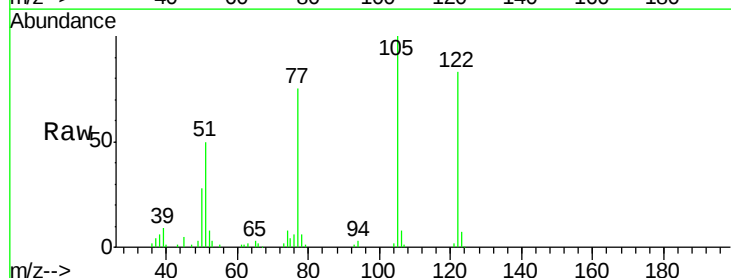
Tgt Ion:122 Resp: 129173

Ion Ratio Lower Upper

122 100

105 120.2 103.3 143.3

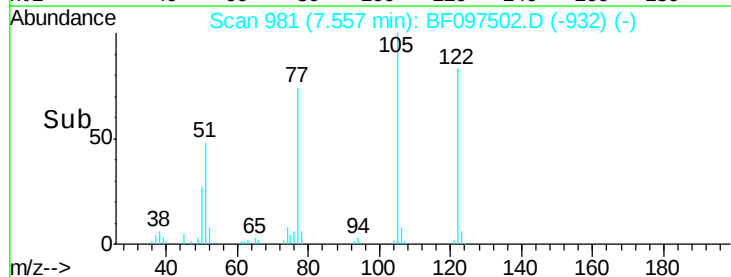
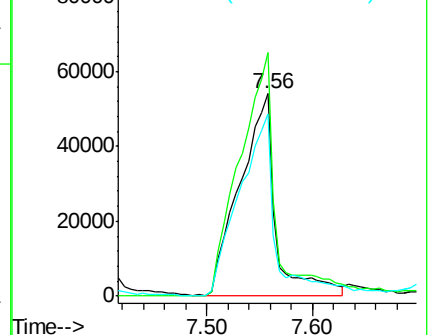
77 90.2 73.7 113.7

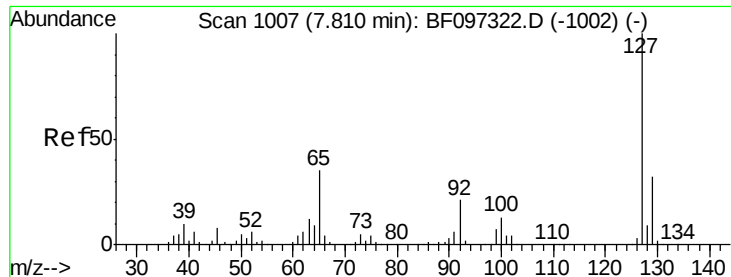


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

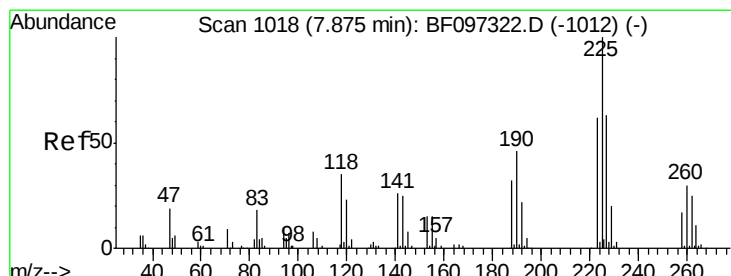
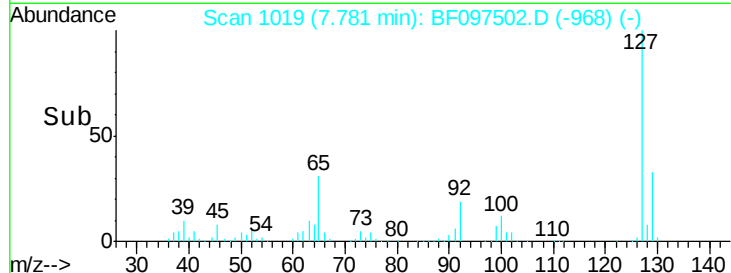
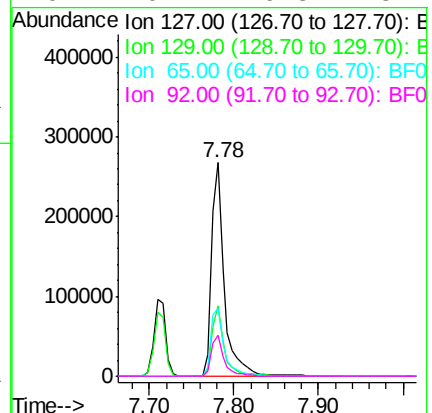
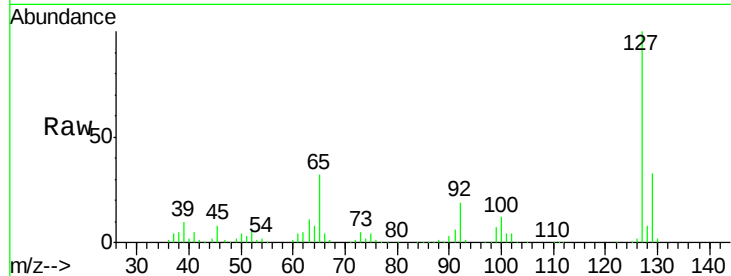




#33  
4-Chloroaniline  
Concen: 41.67 ng  
RT: 7.78 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

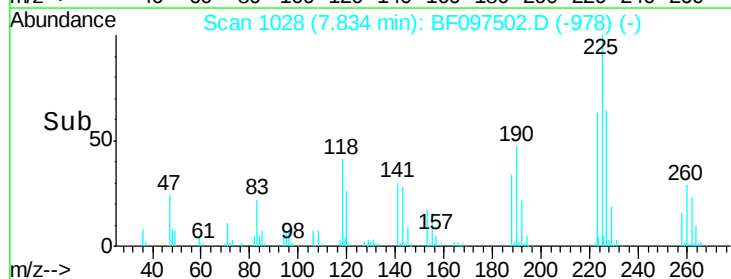
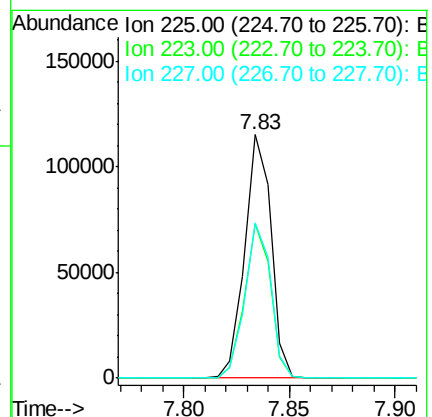
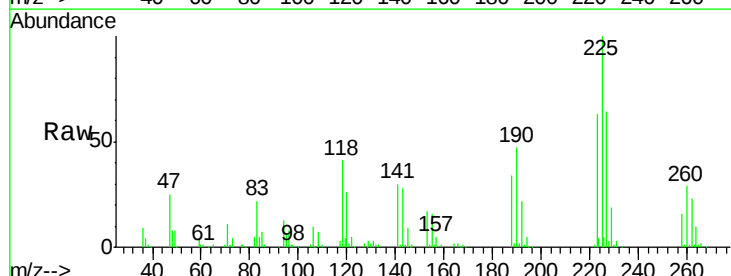
Instrument :  
BNA\_F  
ClientSampleId :

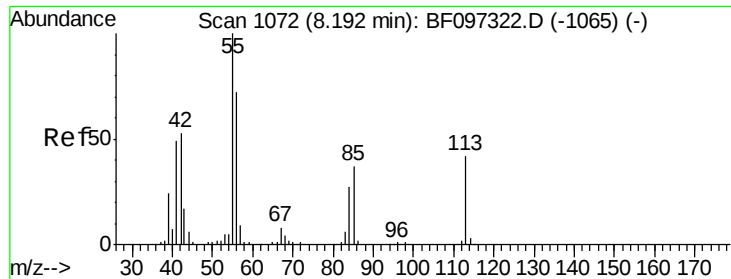
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 281237 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 26.2  | 39.2   |
| 65       | 31.9  | 27.8  | 41.8   |
| 92       | 19.1  | 16.8  | 25.2   |



#34  
Hexachlorobutadiene  
Concen: 41.02 ng  
RT: 7.83 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 99566 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.0  | 48.8  | 73.2  |
| 227      | 63.9  | 51.1  | 76.7  |

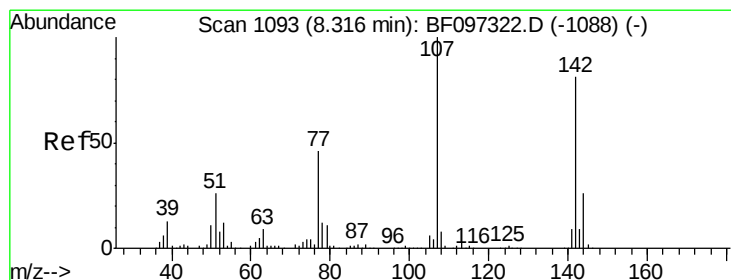
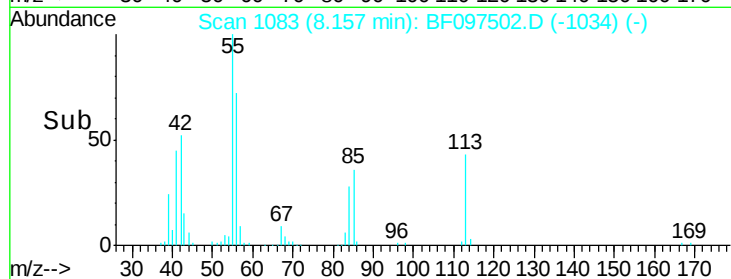
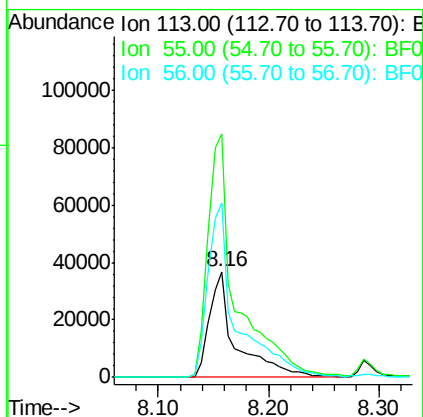
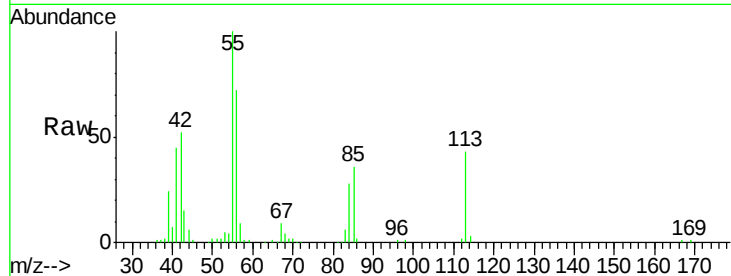




#35  
 Caprolactam  
 Concen: 39.51 ng  
 RT: 8.16 min Scan# 1083  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

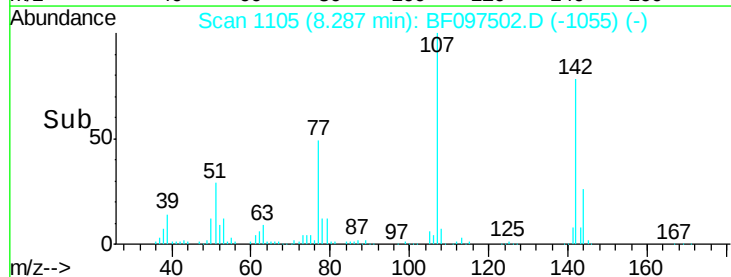
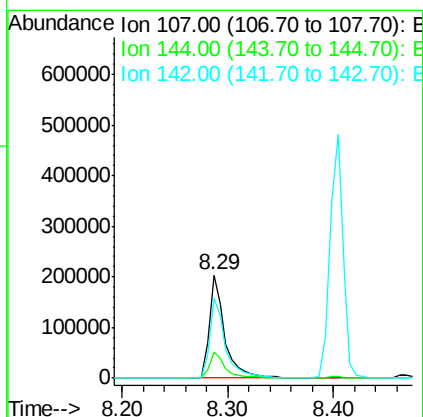
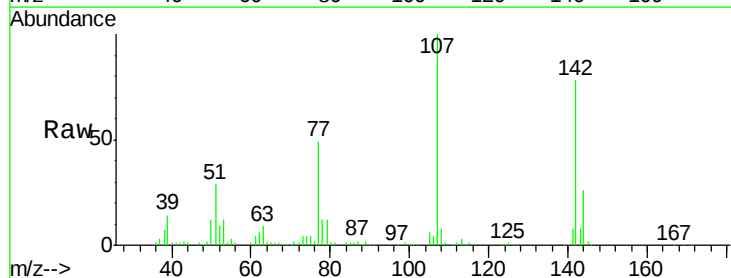
Instrument :  
 BNA\_F  
 ClientSampleId :

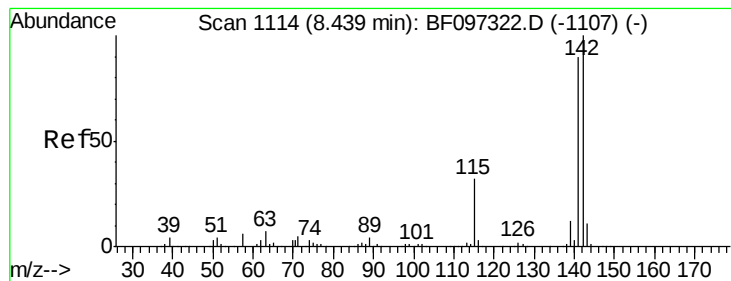
Tot Ion:113 Resp: 60857  
 Ion Ratio Lower Upper  
 113 100  
 55 230.3 150.2 190.2#  
 56 164.8 107.8 147.8#



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.03 ng  
 RT: 8.29 min Scan# 1105  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Tgt Ion:107 Resp: 209778  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 24.2 36.4  
 142 77.7 73.4 110.0

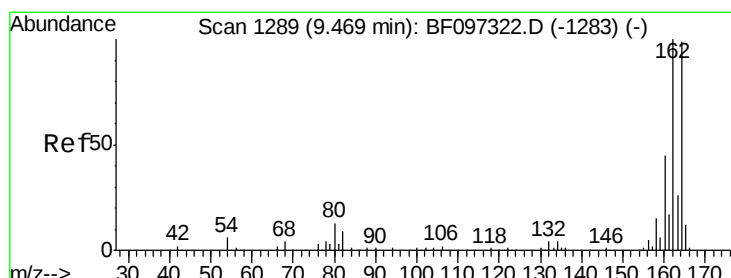
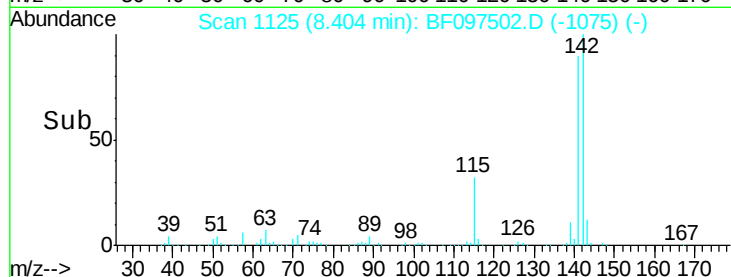
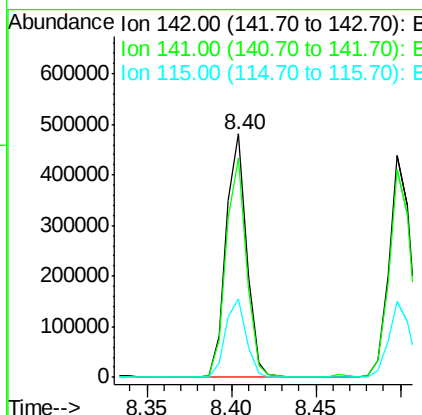
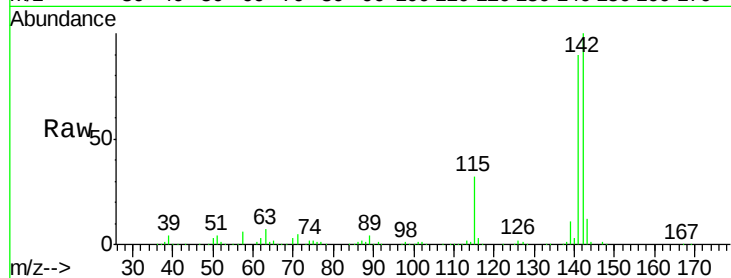




#37  
2-Methylnaphthalene  
Concen: 38.87 ng  
RT: 8.40 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

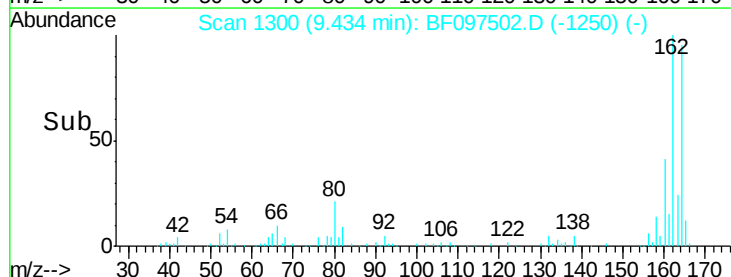
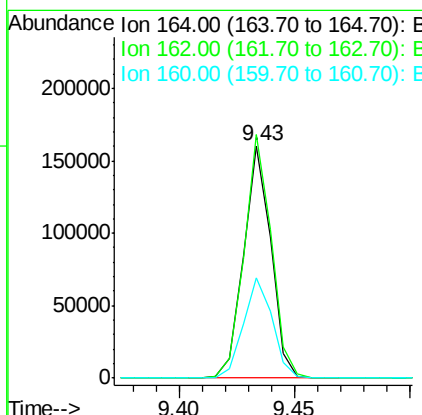
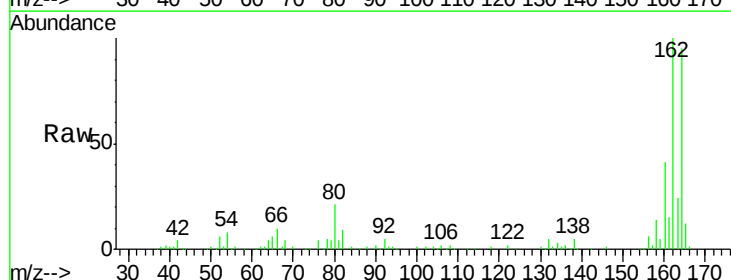
Instrument :  
BNA\_F  
ClientSampleId :

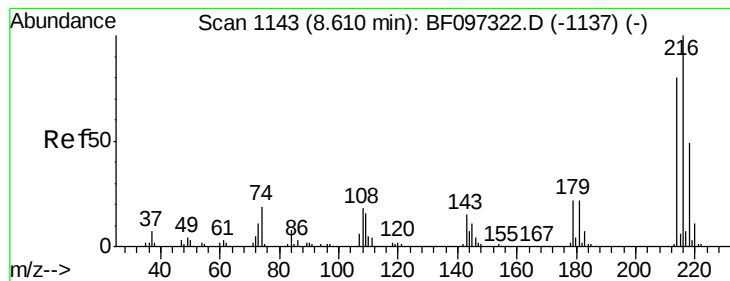
Tot Ion:142 Resp: 408206  
Ion Ratio Lower Upper  
142 100  
141 90.2 71.3 106.9  
115 32.5 27.1 40.7



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.43 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Tgt Ion:164 Resp: 132627  
Ion Ratio Lower Upper  
164 100  
162 104.8 82.6 123.8  
160 43.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.19 ng

RT: 8.57 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 159903

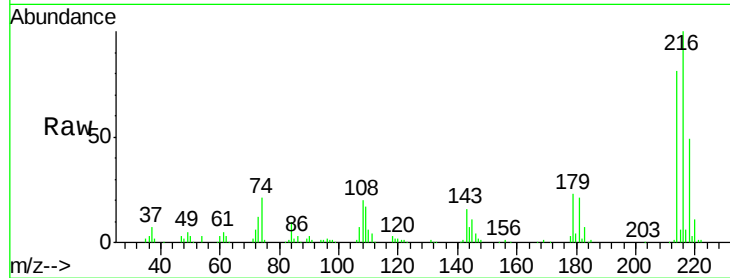
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 22.8 17.9 26.9

108 20.5 16.5 24.7

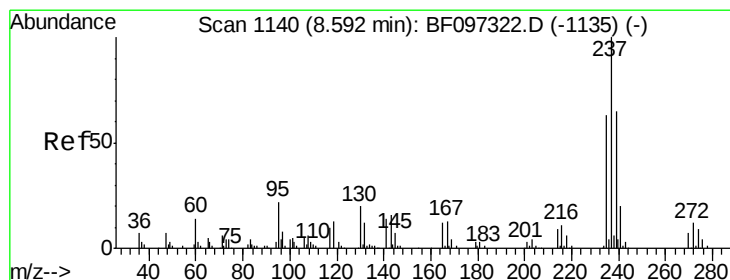
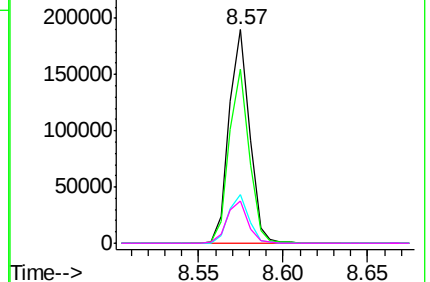
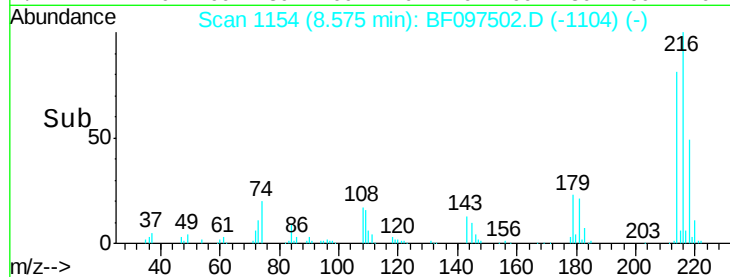


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 12.06 ng

RT: 8.56 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

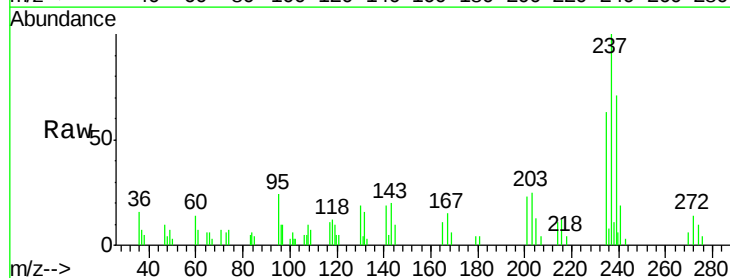
Tgt Ion:237 Resp: 7369

Ion Ratio Lower Upper

237 100

235 63.3 42.6 82.6

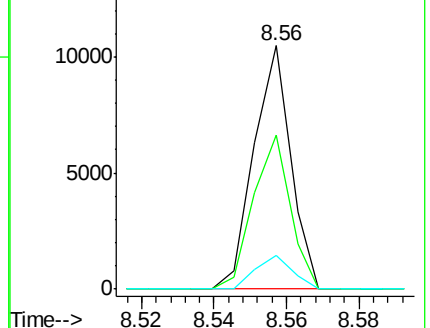
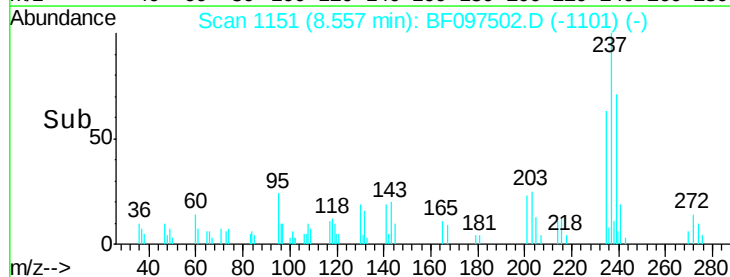
272 13.7 0.0 31.9

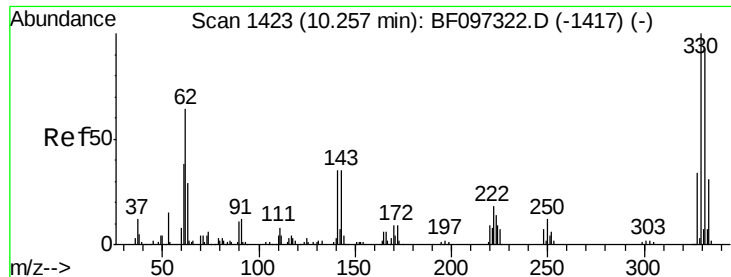


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

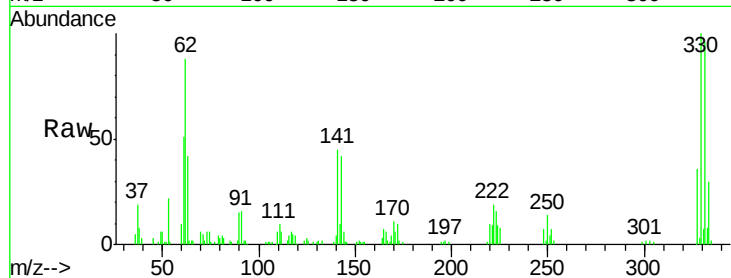




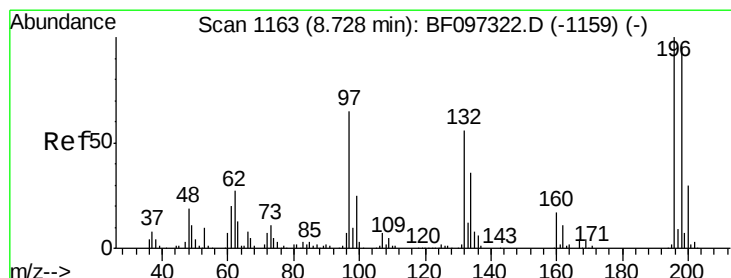
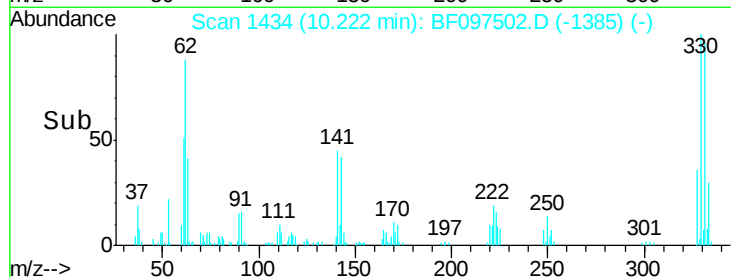
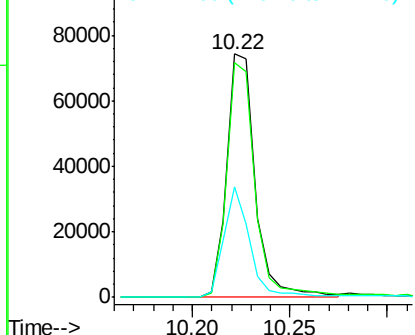
#41  
 2,4,6-Tribromophenol  
 Concen: 72.03 ng  
 RT: 10.22 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:330 Resp: 75484  
 Ion Ratio Lower Upper  
 330 100  
 332 99.0 76.6 115.0  
 141 41.7 31.4 47.2

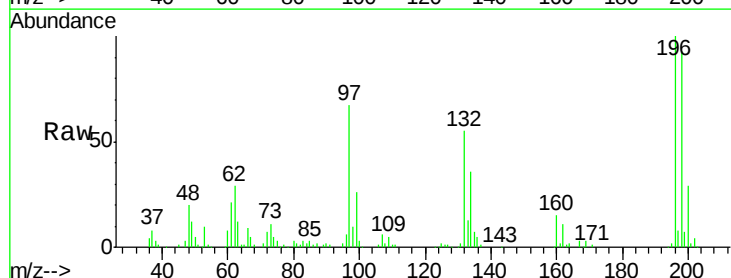


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

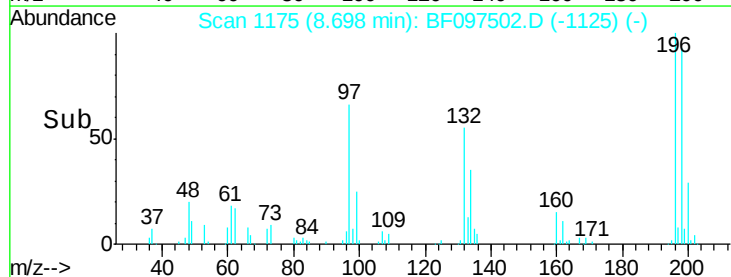
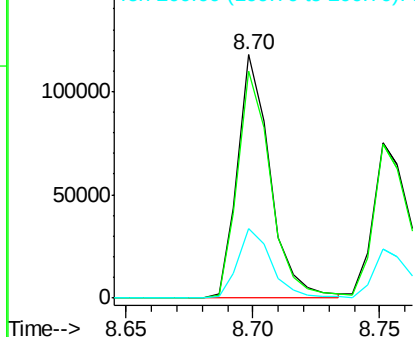


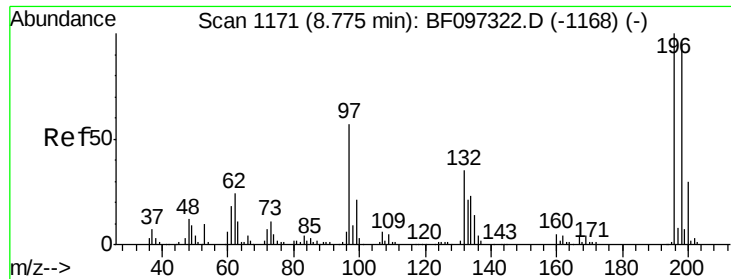
#42  
 2,4,6-Trichlorophenol  
 Concen: 41.21 ng  
 RT: 8.70 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Tgt Ion:196 Resp: 105683  
 Ion Ratio Lower Upper  
 196 100  
 198 93.4 74.2 111.4  
 200 28.7 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

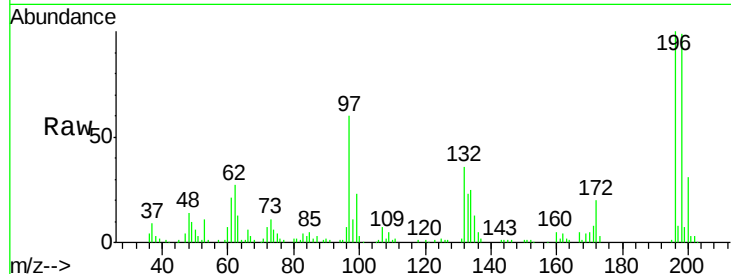




#43  
 2,4,5-Trichlorophenol  
 Concen: 38.18 ng  
 RT: 8.75 min Scan# 1184  
 Delta R.T. 0.00 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 196     | 100  |       |       |       |
| 198     | 99.3 | 75.7  | 113.5 |       |
| 97      | 59.9 | 47.7  | 71.5  |       |
| 132     | 36.3 | 28.0  | 42.0  |       |



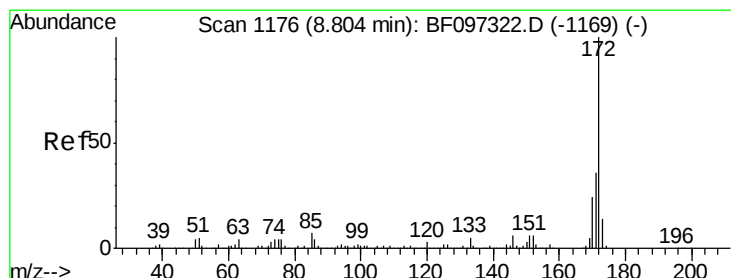
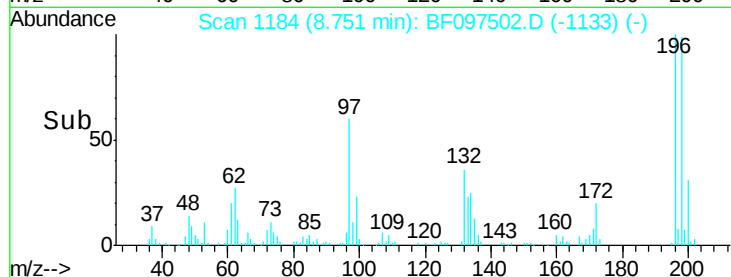
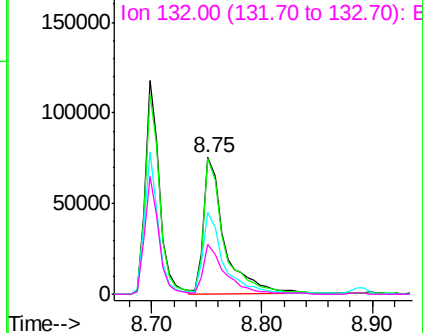
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

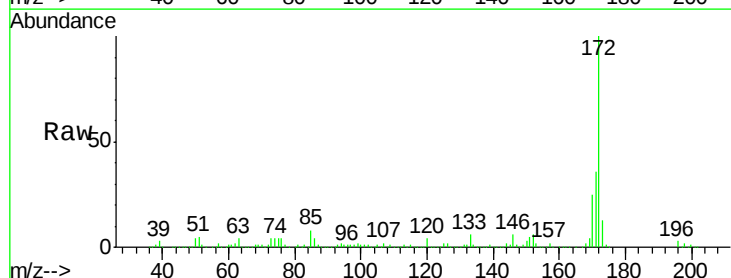
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 89.65 ng  
 RT: 8.77 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 172     | 100  |       |       |       |
| 171     | 36.3 | 29.6  | 44.4  |       |
| 170     | 24.5 | 19.8  | 29.8  |       |

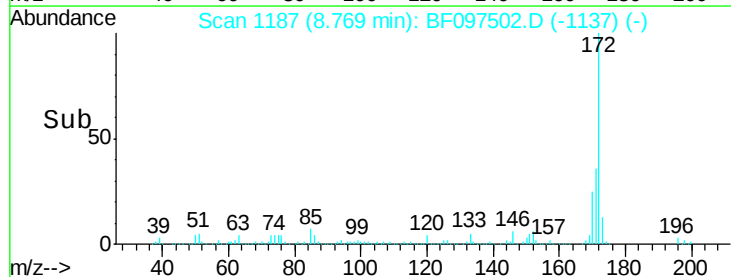
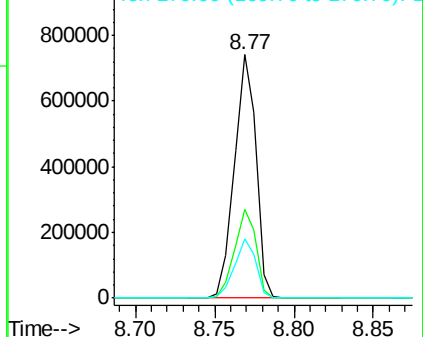


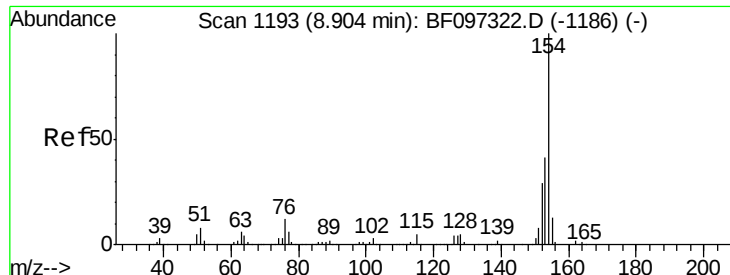
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

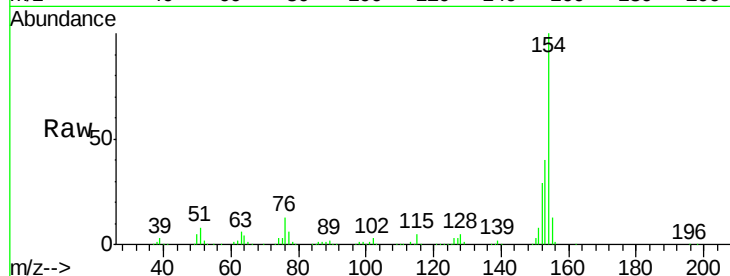




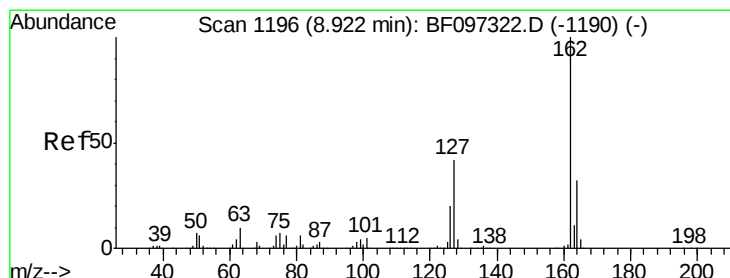
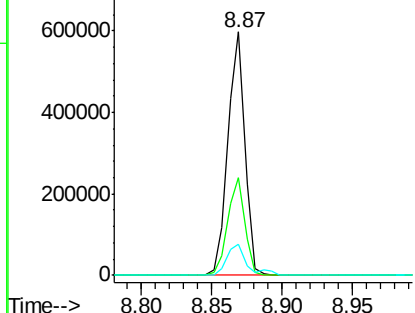
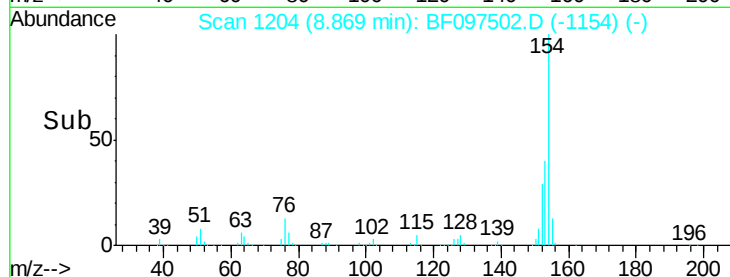
#45  
 1,1'-Biphenyl  
 Concen: 44.02 ng  
 RT: 8.87 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.2  | 21.2  | 61.2  |
| 76      | 12.6  | 0.0   | 29.9  |

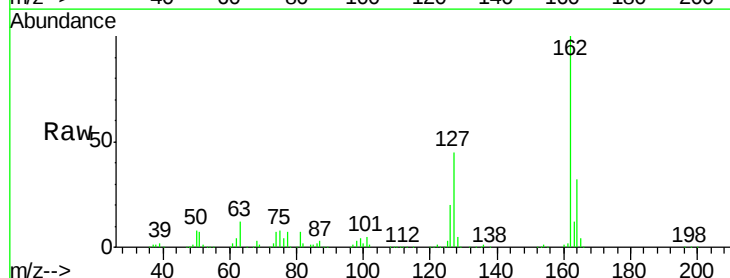


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

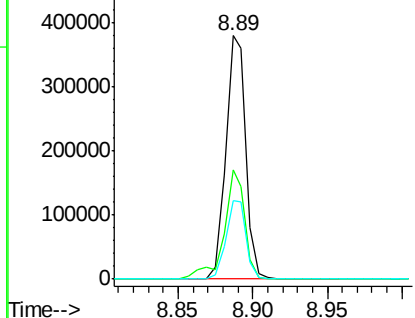
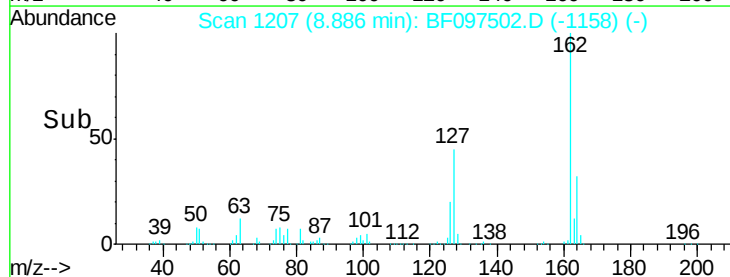


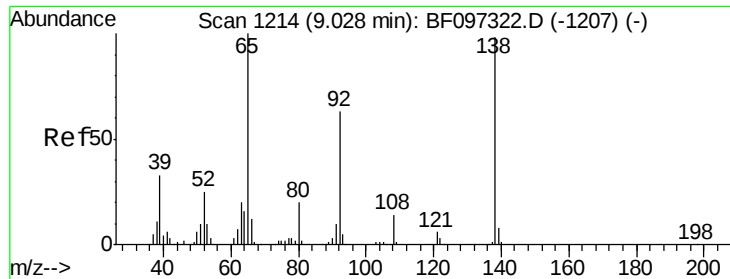
#46  
 2-Chloronaphthalene  
 Concen: 42.95 ng  
 RT: 8.89 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 44.6  | 28.3  | 42.5# |
| 164     | 32.2  | 27.0  | 40.4  |



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

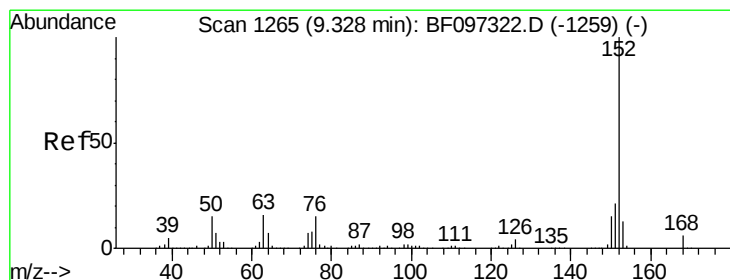
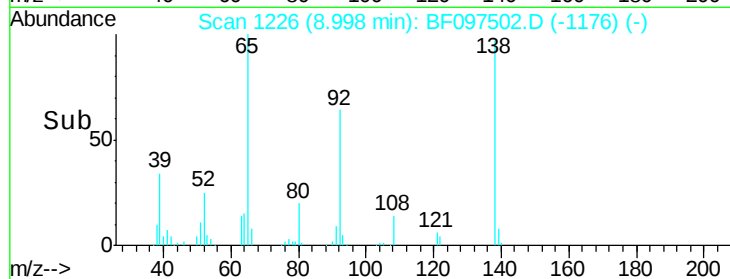
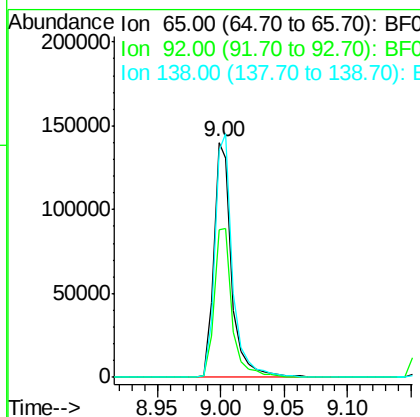
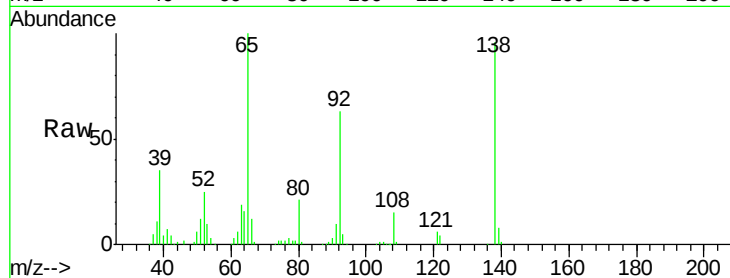




#47  
 2-Nitroaniline  
 Concen: 46.15 ng  
 RT: 9.00 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

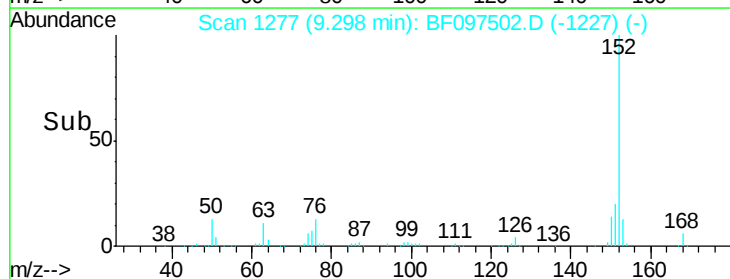
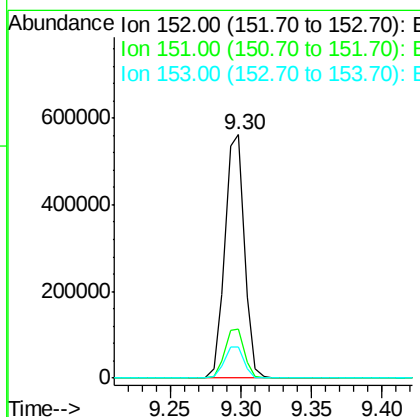
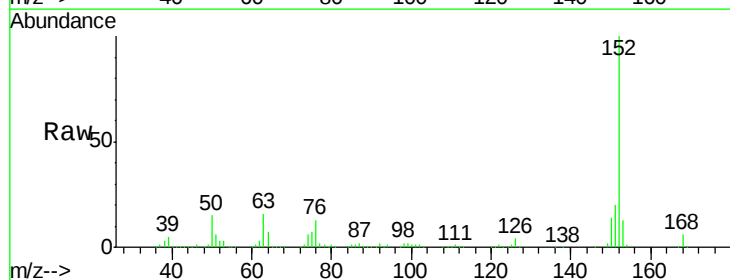
Instrument :  
 BNA\_F  
 ClientSampleId :

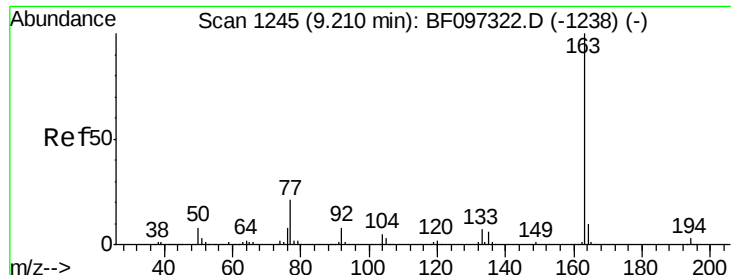
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.0  | 53.9  | 80.9  |
| 138     | 96.4  | 78.8  | 118.2 |



#48  
 Acenaphthylene  
 Concen: 42.16 ng  
 RT: 9.30 min Scan# 1277  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 16.8  | 25.2  |
| 153     | 12.9  | 10.8  | 16.2  |

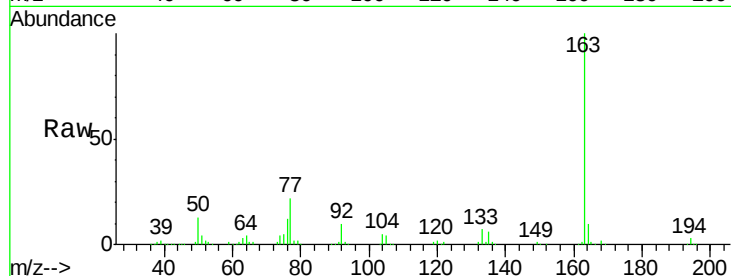




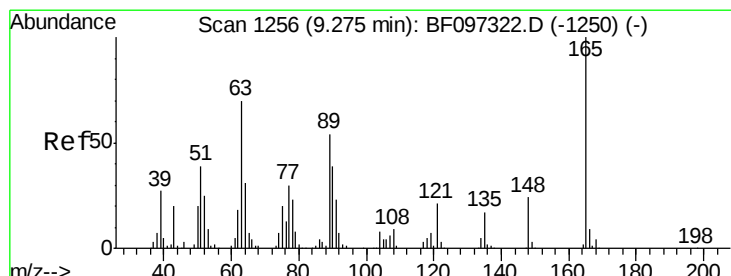
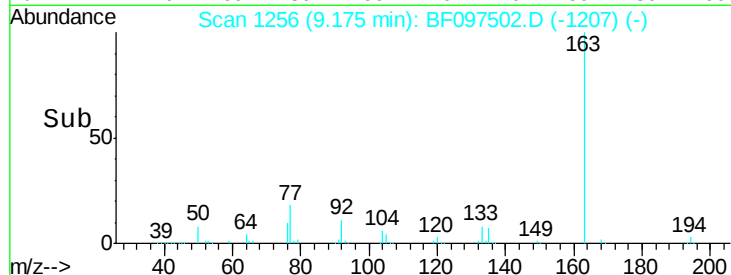
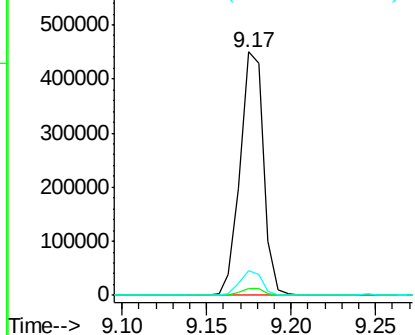
#49  
Dimethylphthalate  
Concen: 43.25 ng  
RT: 9.17 min Scan# 1256  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:163 Resp: 435554  
Ion Ratio Lower Upper  
163 100  
194 2.9 2.6 4.0  
164 10.2 8.4 12.6

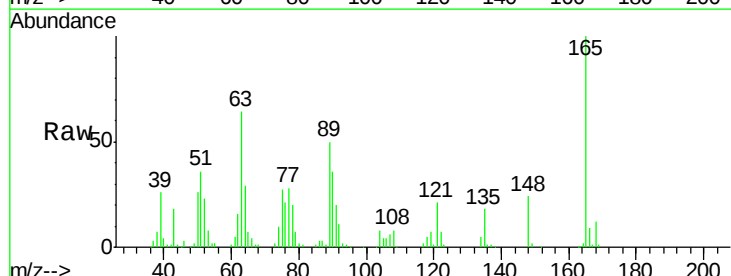


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

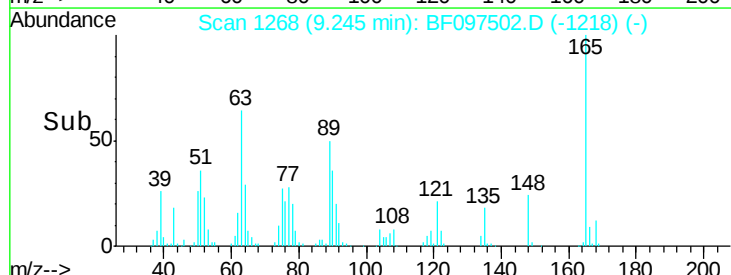
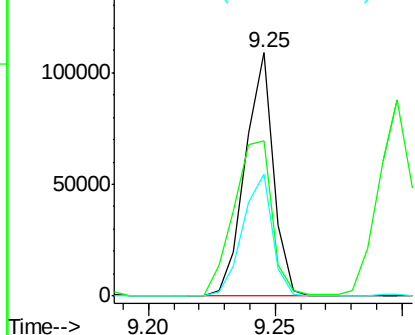


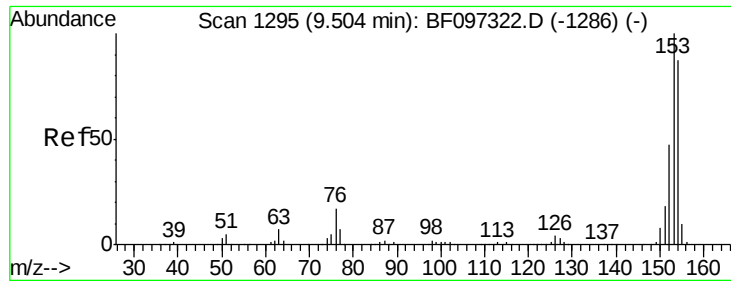
#50  
2,6-Dinitrotoluene  
Concen: 39.40 ng  
RT: 9.25 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Tgt Ion:165 Resp: 84153  
Ion Ratio Lower Upper  
165 100  
63 63.9 34.3 51.5#  
89 49.9 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.69 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

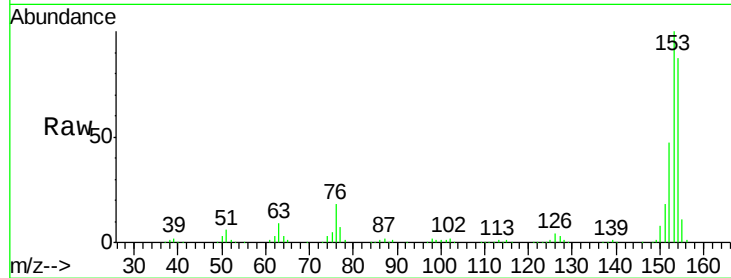
Tot Ion:154 Resp: 314200

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

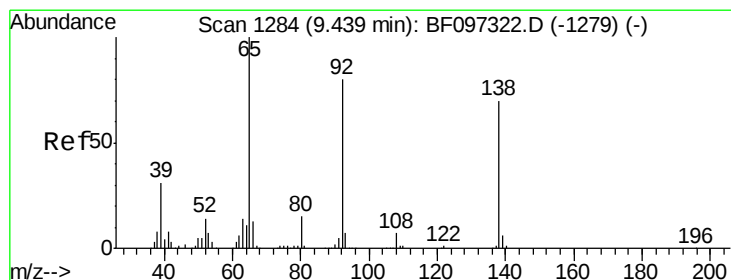
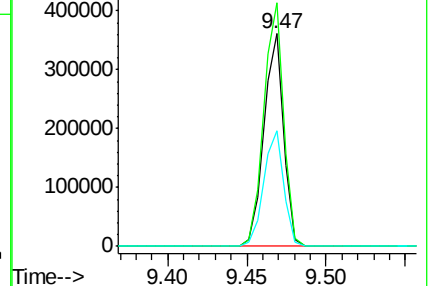
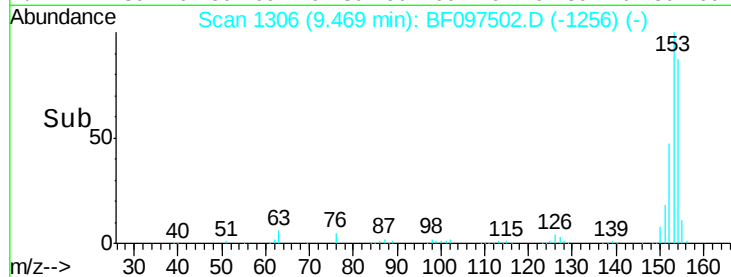
152 54.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.61 ng

RT: 9.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

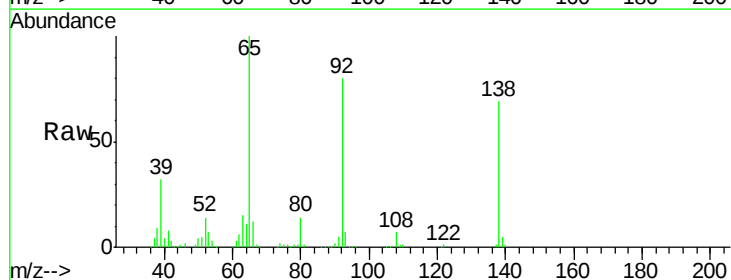
Tgt Ion:138 Resp: 118269

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

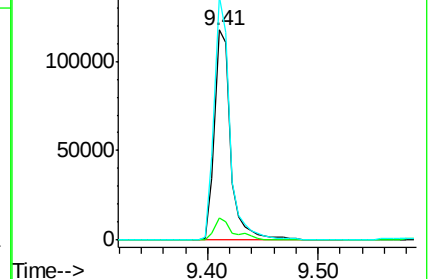
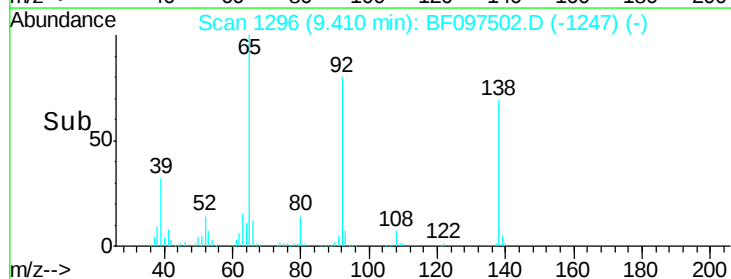
92 115.9 93.8 140.6

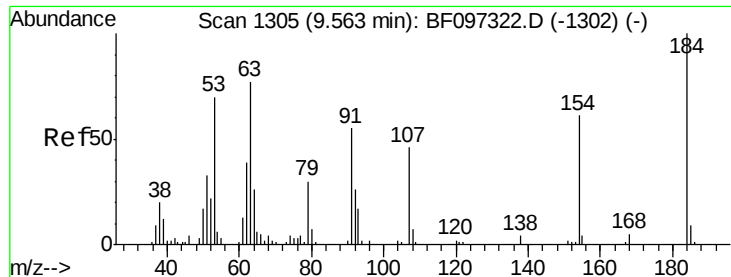


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

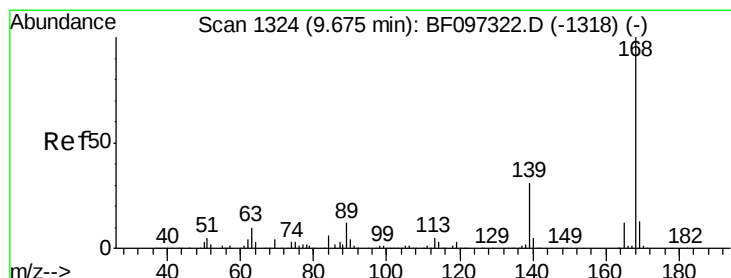
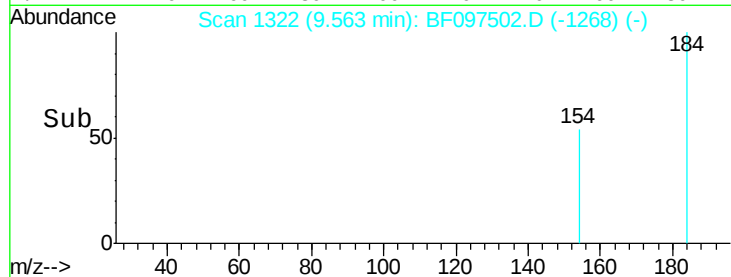
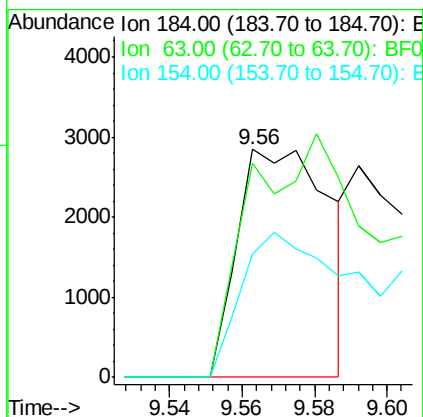
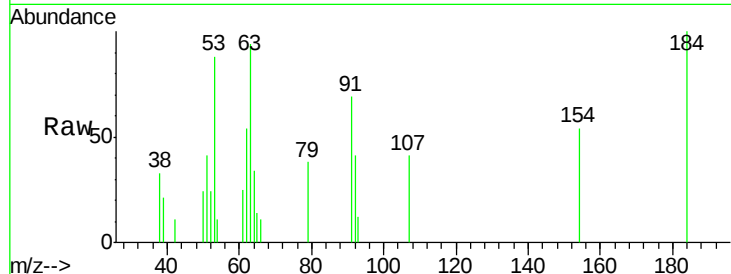




#53  
 2,4-Dinitrophenol  
 Concen: 5.16 na  
 RT: 9.56 min Scan# 1322  
 Delta R.T. 0.02 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

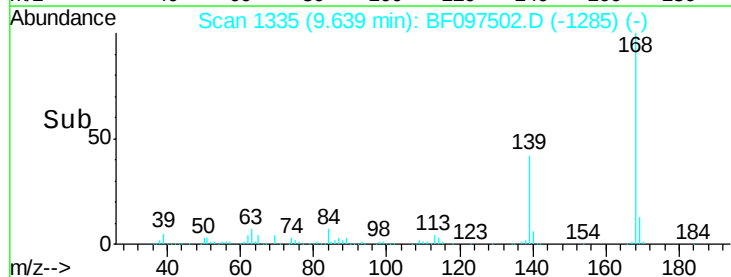
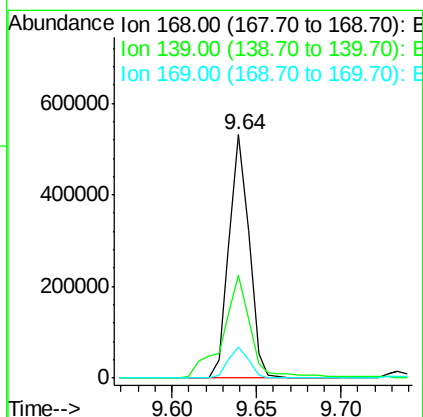
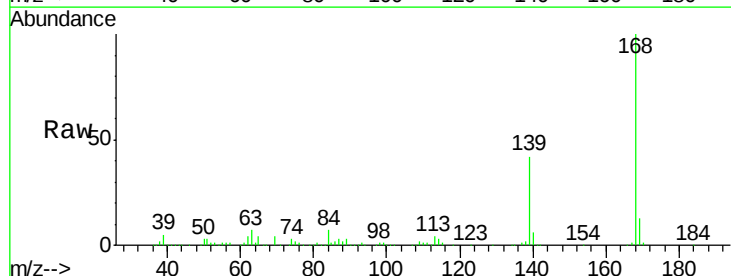
Instrument :  
 BNA\_F  
 ClientSampleId :

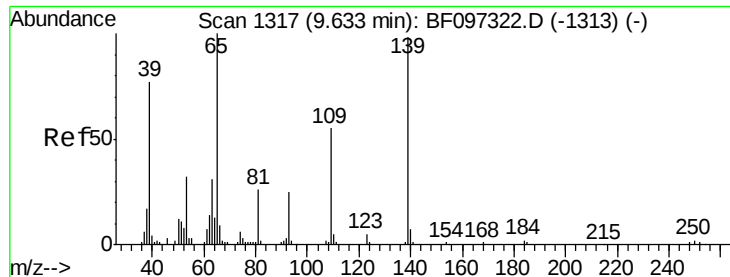
Tot Ion:184 Resp: 5009  
 Ion Ratio Lower Upper  
 184 100  
 63 94.3 62.7 94.1#  
 154 53.9 81.1 121.7#



#54  
 Dibenzofuran  
 Concen: 43.70 ng  
 RT: 9.64 min Scan# 1335  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Tgt Ion:168 Resp: 438734  
 Ion Ratio Lower Upper  
 168 100  
 139 42.1 30.6 45.8  
 169 12.9 10.8 16.2

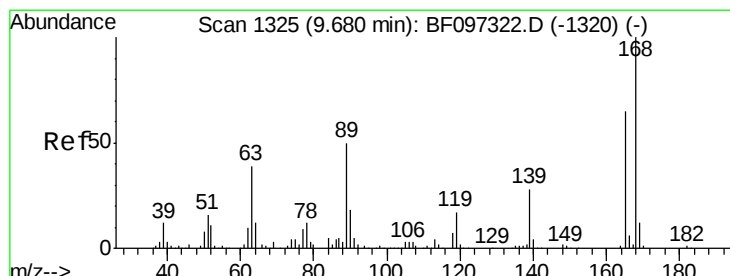
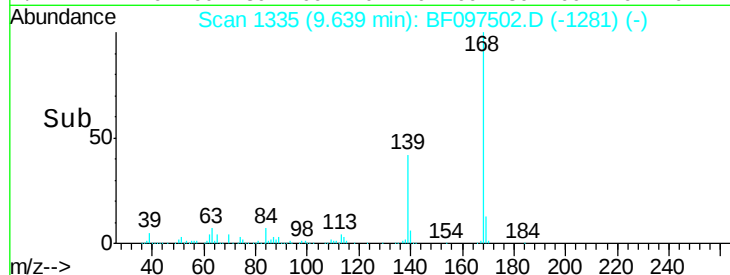
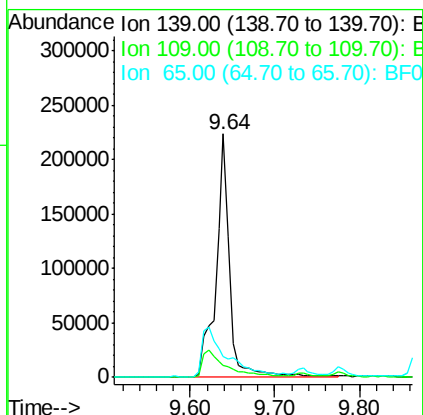
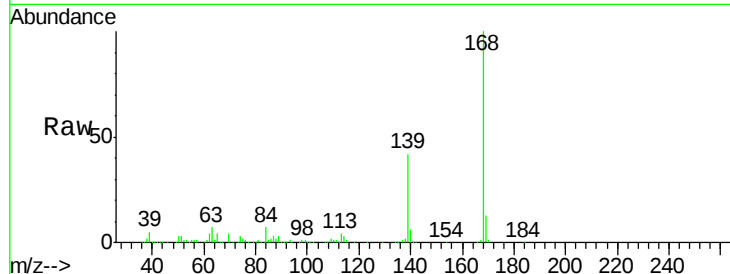




#55  
4-Nitrophenol  
Concen: 166.11 ng  
RT: 9.64 min Scan# 1335  
Delta R.T. 0.02 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

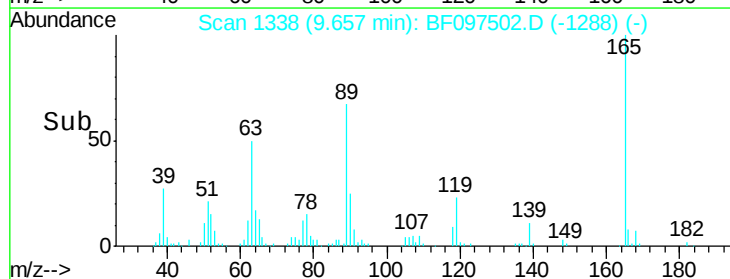
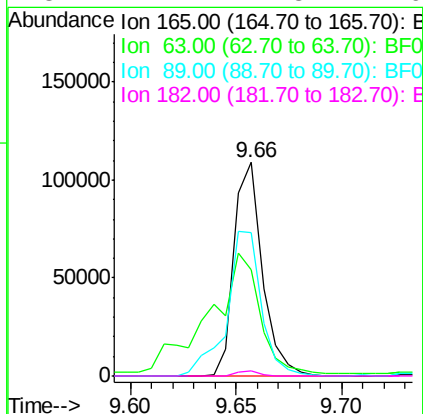
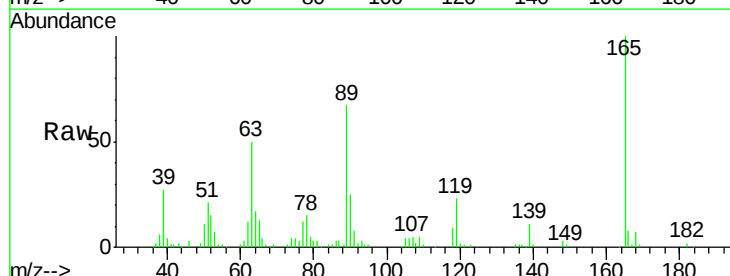
Instrument :  
BNA\_F  
ClientSampleId :

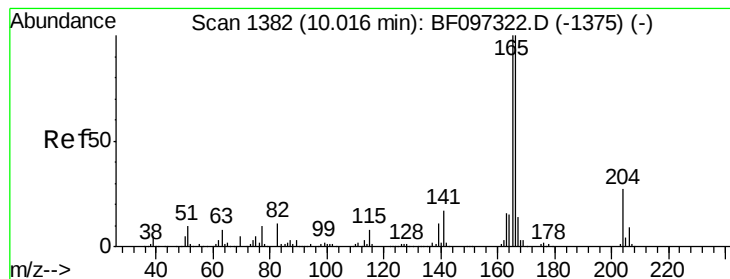
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 4.8   | 34.1  | 74.1# |
| 65      | 8.8   | 31.4  | 71.4# |



#56  
2,4-Dinitrotoluene  
Concen: 41.08 ng  
RT: 9.66 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.6  | 25.4  | 38.0# |
| 89      | 67.2  | 46.4  | 69.6  |
| 182     | 2.1   | 1.8   | 2.6   |





#57

Fluorene

Concen: 43.40 ng

RT: 9.98 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

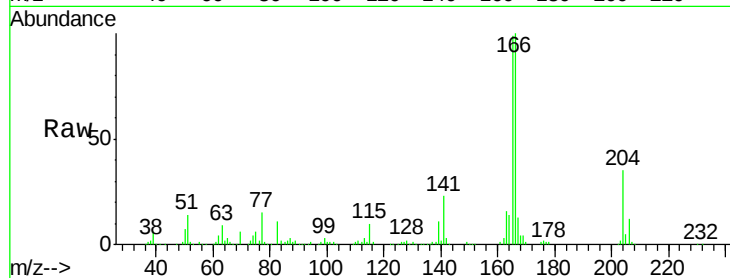
Tot Ion:166 Resp: 327494

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

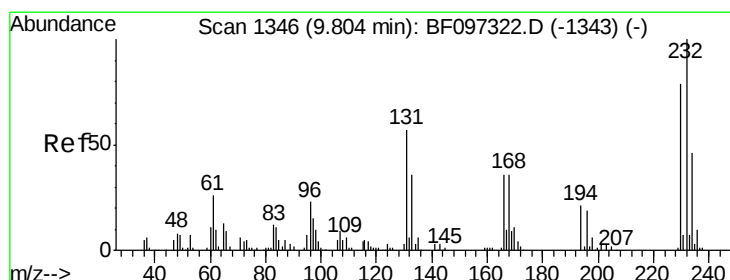
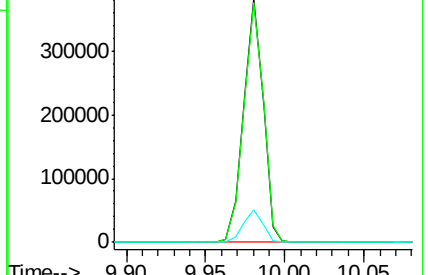
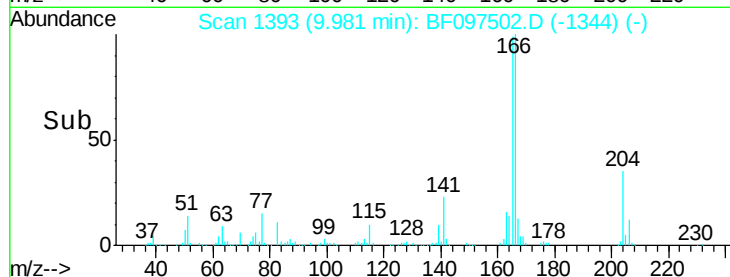
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.17 ng

RT: 9.77 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Tgt Ion:232 Resp: 64108

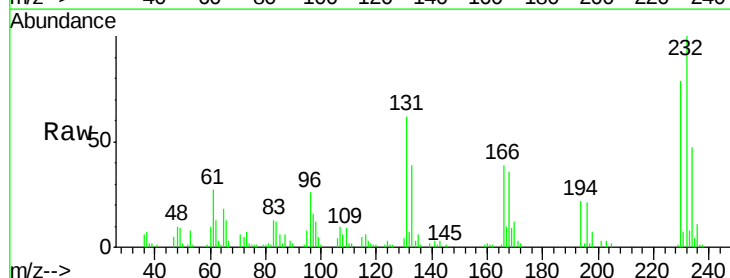
Ion Ratio Lower Upper

232 100

131 55.7 44.8 67.2

130 2.3 2.3 3.5#

166 37.0 29.0 43.4

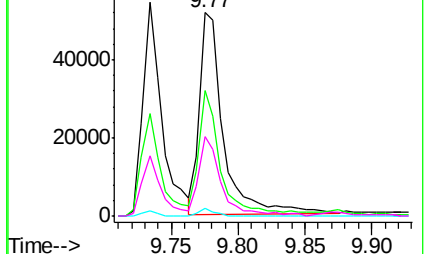
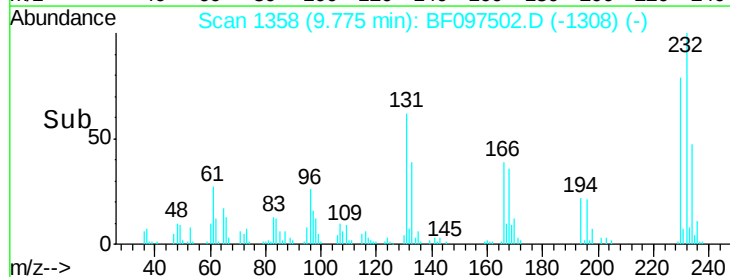


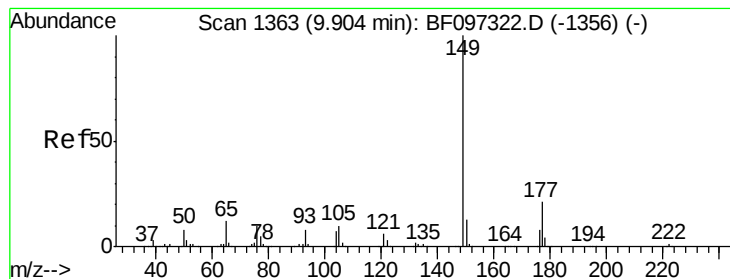
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.43 ng

RT: 9.87 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

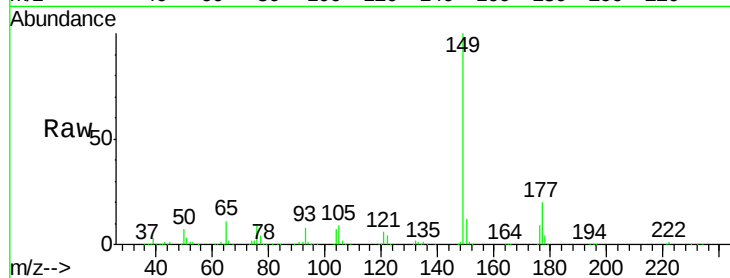
Tot Ion:149 Resp: 410488

Ion Ratio Lower Upper

149 100

177 20.4 16.7 25.1

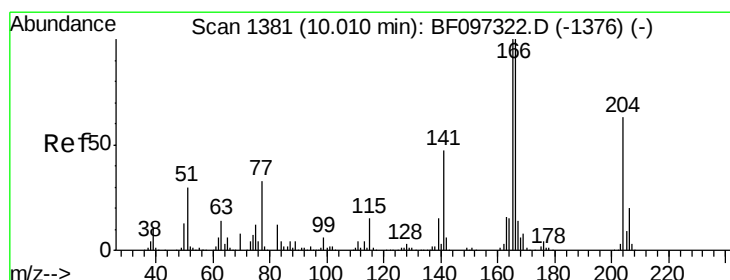
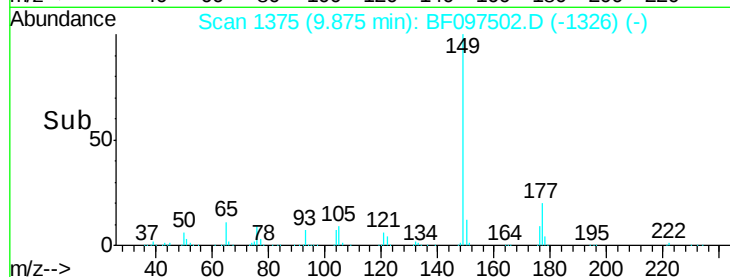
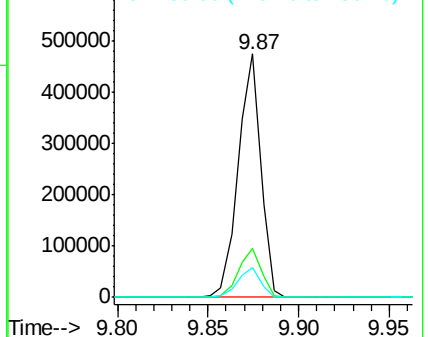
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.58 ng

RT: 9.97 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

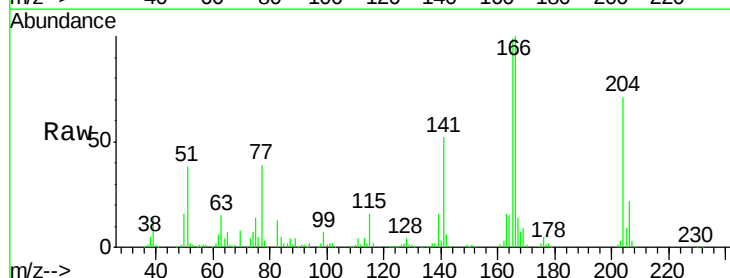
Tgt Ion:204 Resp: 138896

Ion Ratio Lower Upper

204 100

206 31.4 26.2 39.2

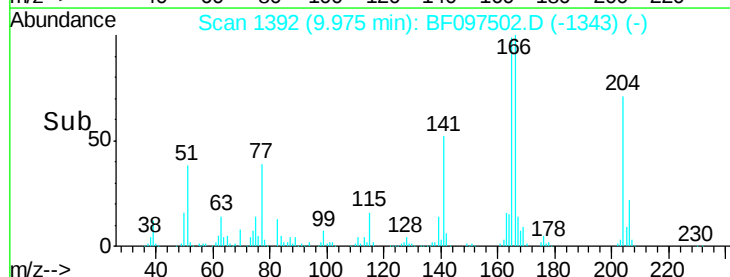
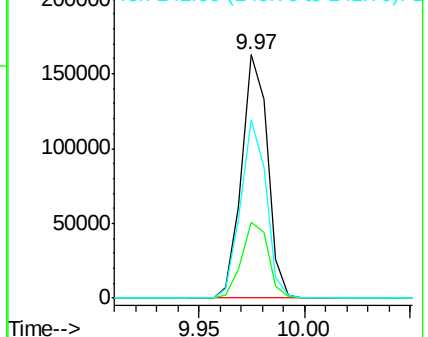
141 73.3 60.8 91.2

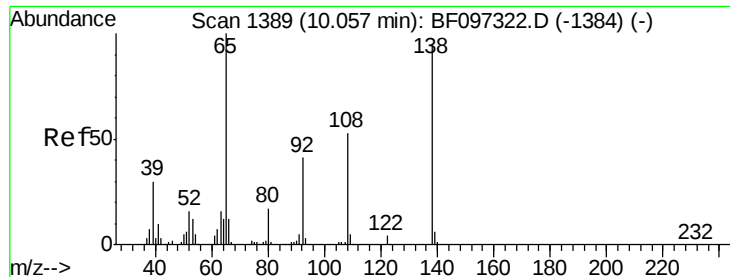


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

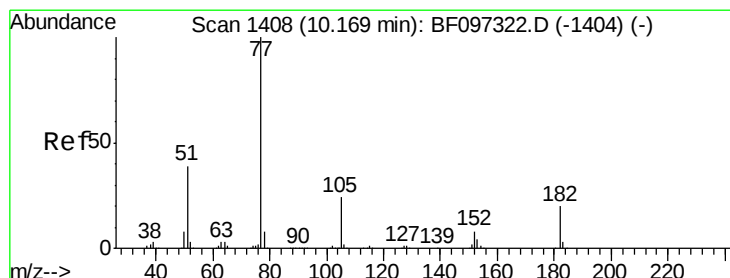
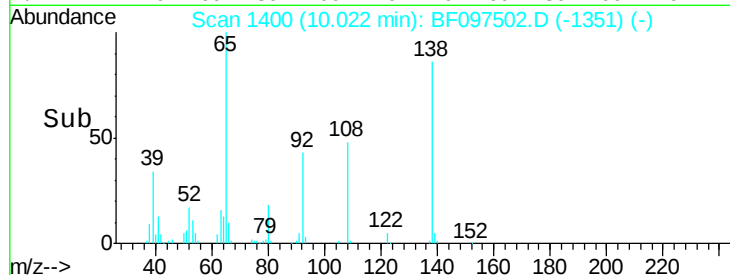
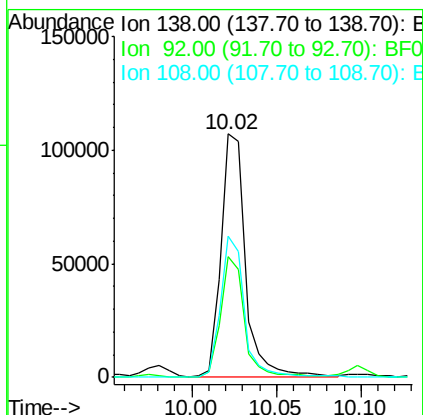
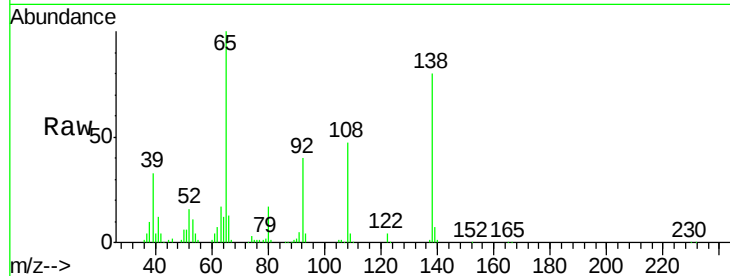




#61  
4-Nitroaniline  
Concen: 42.65 ng  
RT: 10.02 min Scan# 1400  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

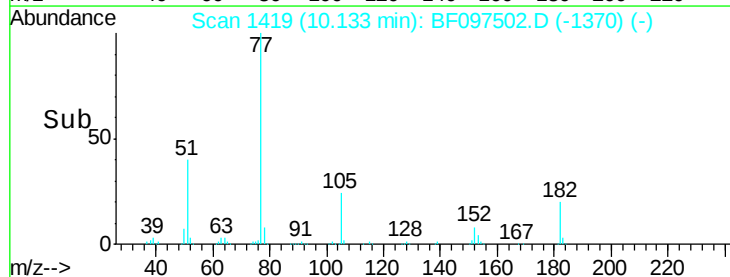
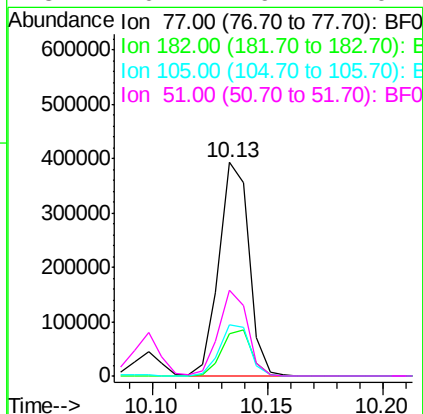
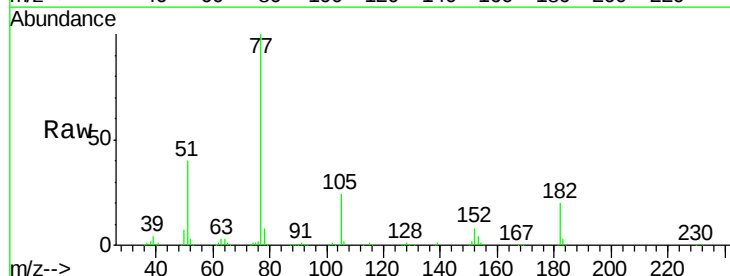
Instrument :  
BNA\_F  
ClientSampled :

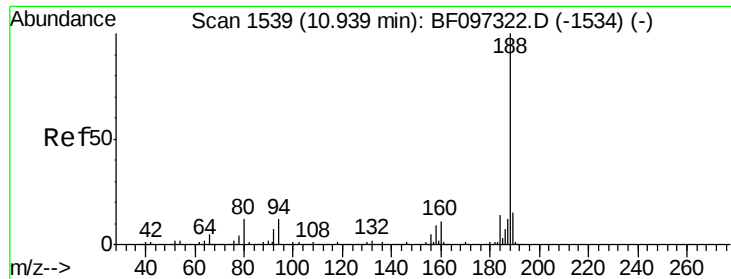
Tot Ion:138 Resp: 107458  
Ion Ratio Lower Upper  
138 100  
92 49.7 21.8 61.8  
108 58.1 42.3 82.3



#62  
Azobenzene  
Concen: 41.36 ng  
RT: 10.13 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Tgt Ion: 77 Resp: 354494  
Ion Ratio Lower Upper  
77 100  
182 20.0 0.1 40.1  
105 23.8 3.6 43.6  
51 40.2 9.4 49.4

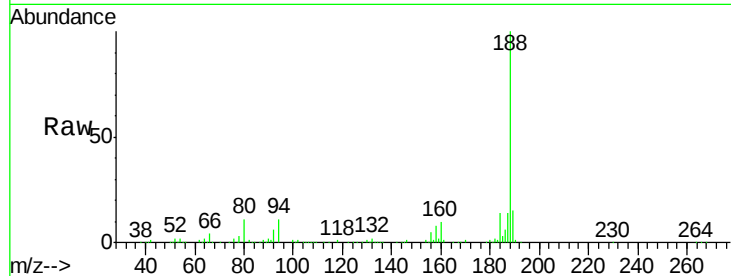




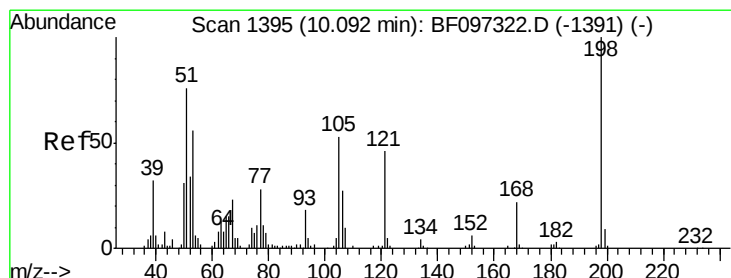
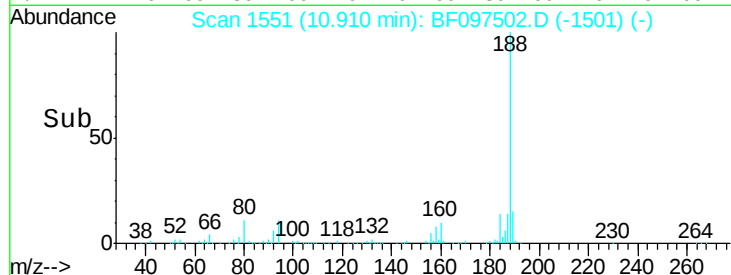
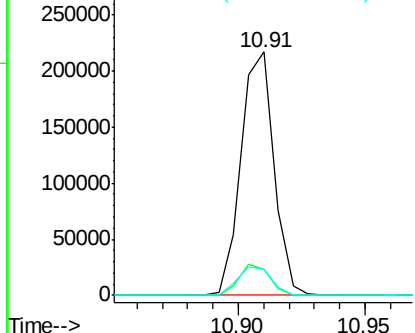
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 10.91 min Scan# 1551  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:188 Resp: 196739  
Ion Ratio Lower Upper  
188 100  
94 10.9 9.4 14.2  
80 10.7 10.2 15.2

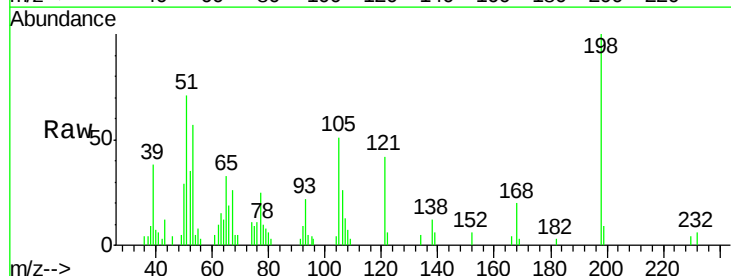


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

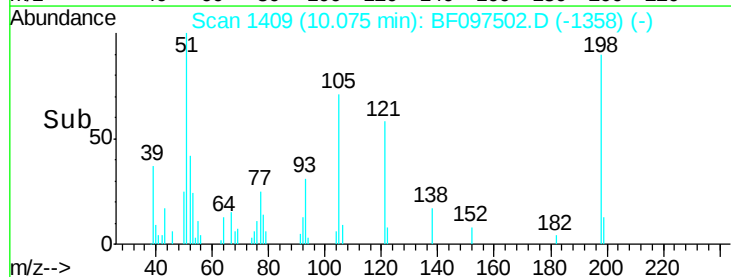
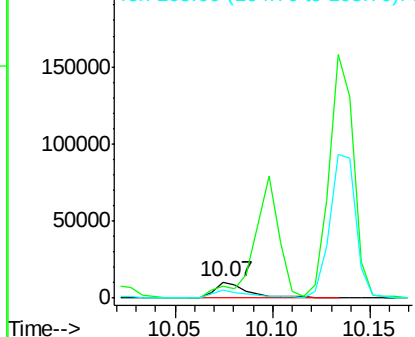


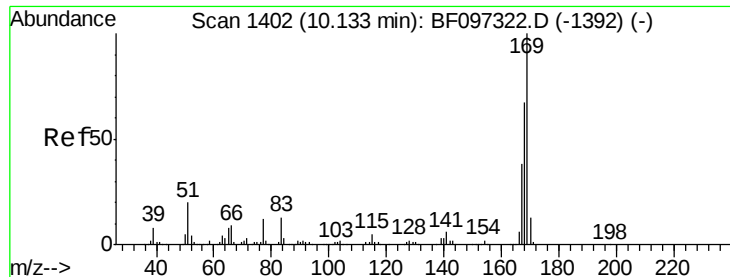
#64  
4,6-Dinitro-2-methylphenol  
Concen: 10.12 ng  
RT: 10.07 min Scan# 1409  
Delta R.T. 0.00 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Tgt Ion:198 Resp: 12374  
Ion Ratio Lower Upper  
198 100  
51 71.4 53.2 93.2  
105 50.5 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E

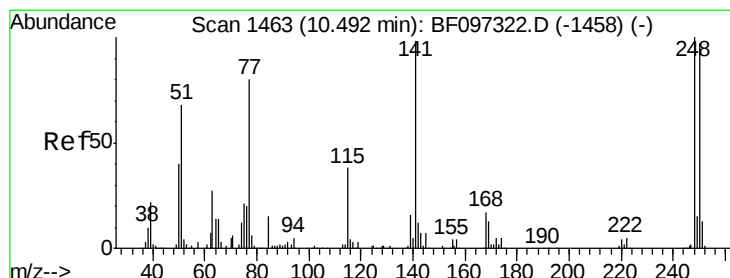
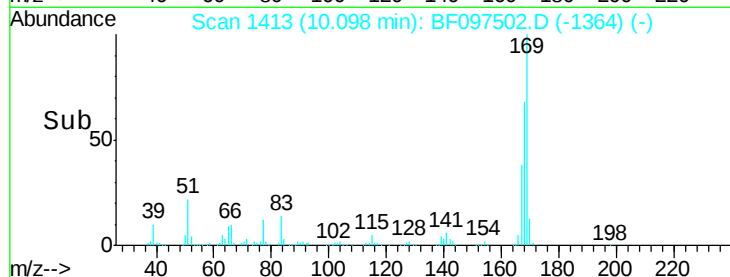
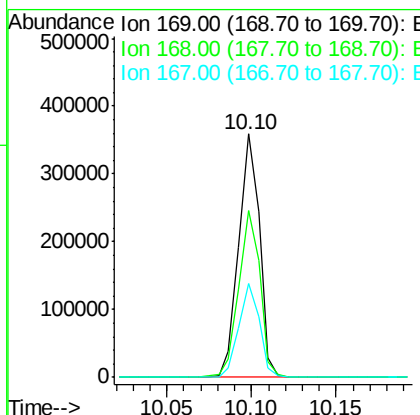
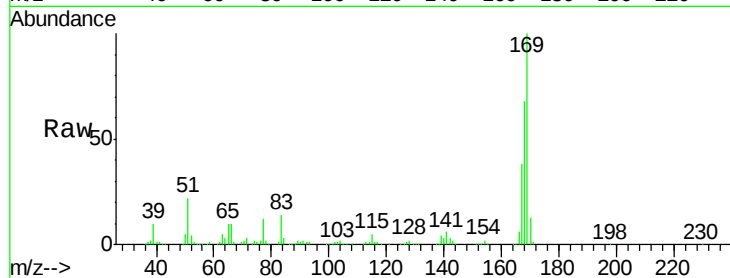




#65  
n-Nitrosodiphenylamine  
Concen: 44.88 ng  
RT: 10.10 min Scan# 1413  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

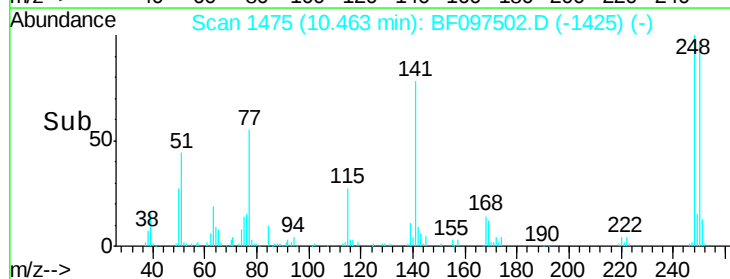
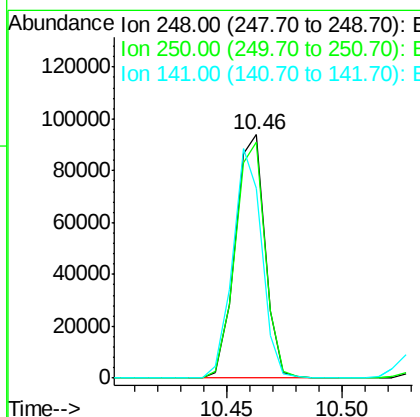
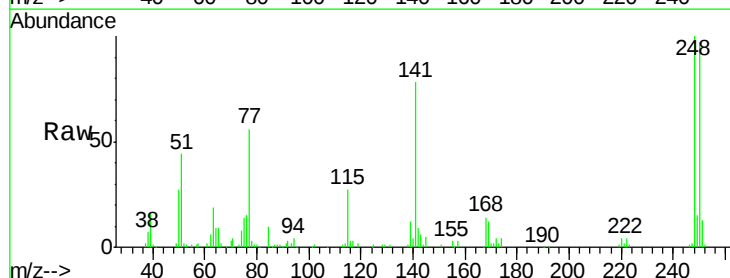
Instrument :  
BNA\_F  
ClientSampleId :

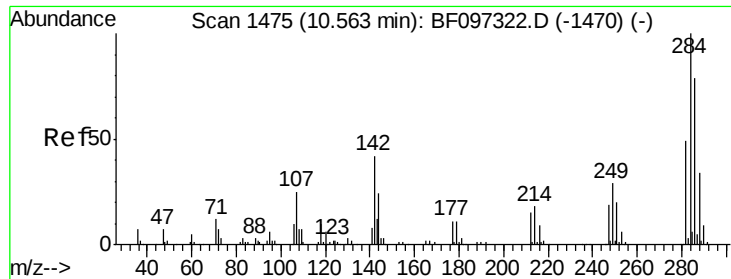
Tot Ion:169 Resp: 307197  
Ion Ratio Lower Upper  
169 100  
168 68.3 53.2 79.8  
167 38.3 29.5 44.3



#66  
4-Bromophenyl-phenylether  
Concen: 43.11 ng  
RT: 10.46 min Scan# 1475  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Tgt Ion:248 Resp: 84648  
Ion Ratio Lower Upper  
248 100  
250 97.0 76.8 115.2  
141 77.7 68.6 103.0

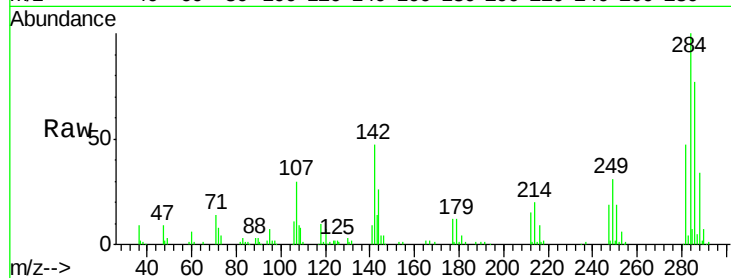




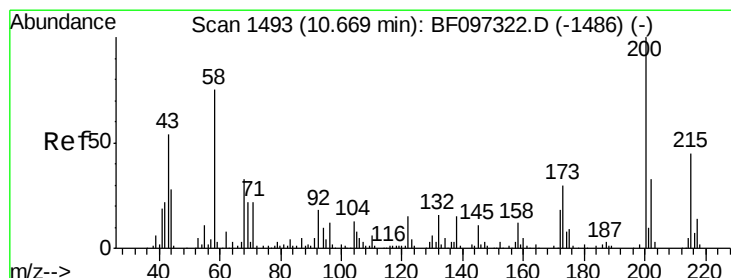
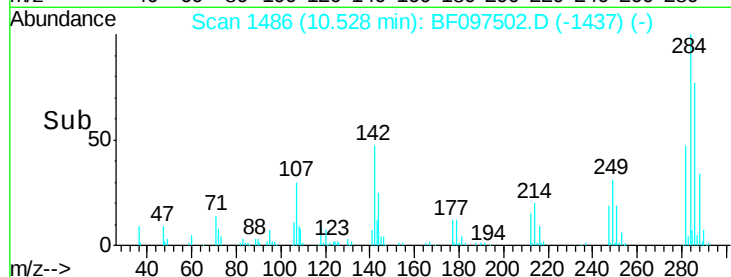
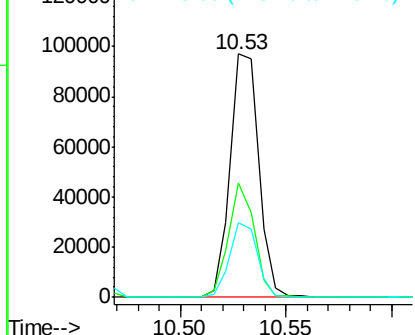
#67  
Hexachlorobenzene  
Concen: 41.30 ng  
RT: 10.53 min Scan# 1486  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:284 Resp: 90925  
Ion Ratio Lower Upper  
284 100  
142 47.0 22.8 34.2#  
249 30.7 24.0 36.0

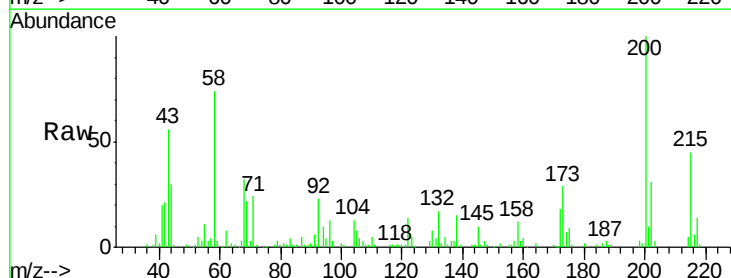


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

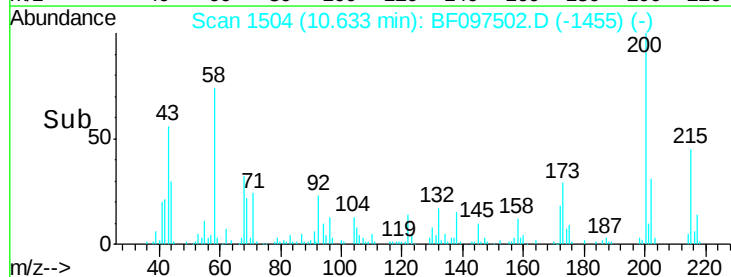
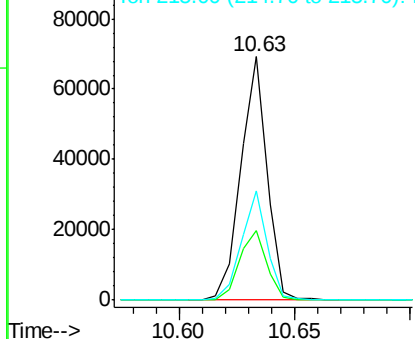


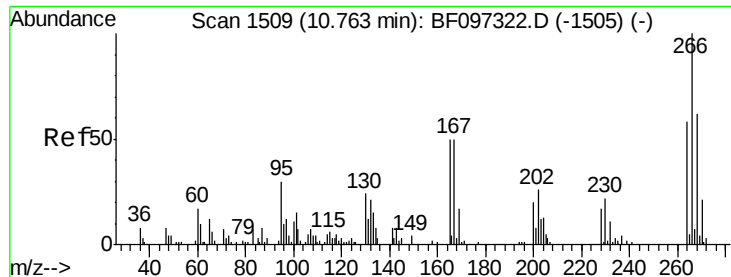
#68  
Atrazine  
Concen: 27.99 ng  
RT: 10.63 min Scan# 1504  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

Tgt Ion:200 Resp: 54934  
Ion Ratio Lower Upper  
200 100  
173 28.7 6.3 46.3  
215 45.0 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

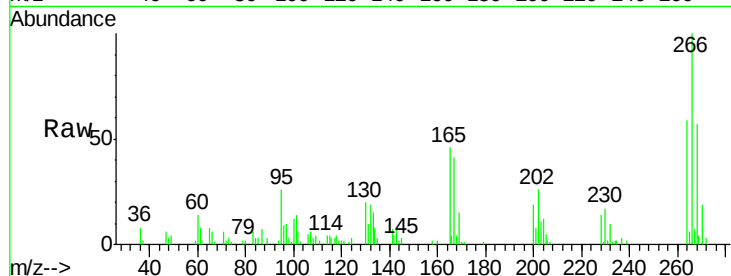




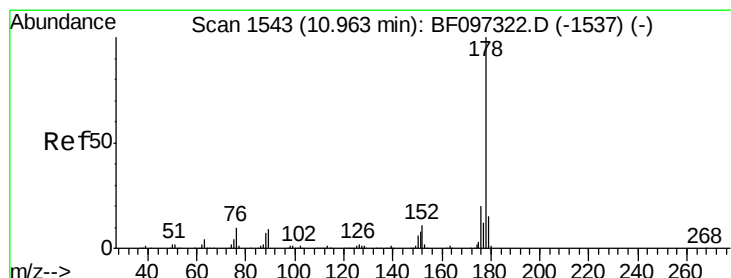
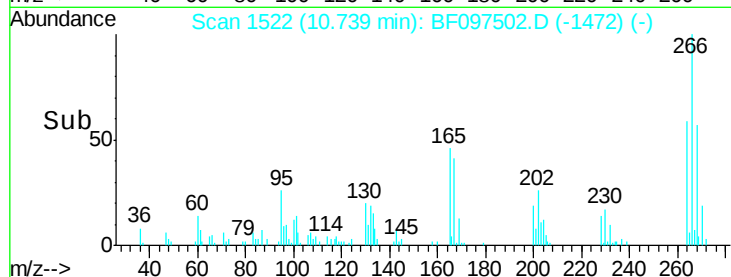
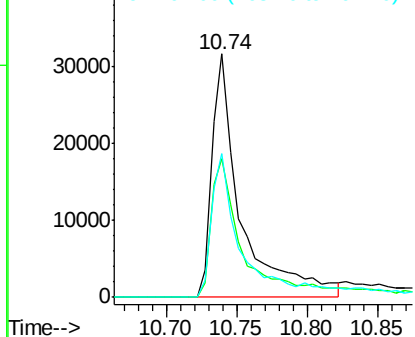
#69  
 Pentachlorophenol  
 Concen: 49.94 ng  
 RT: 10.74 min Scan# 1522  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 45493  
 Ion Ratio Lower Upper  
 266 100  
 268 57.0 51.1 76.7  
 264 59.2 51.7 77.5

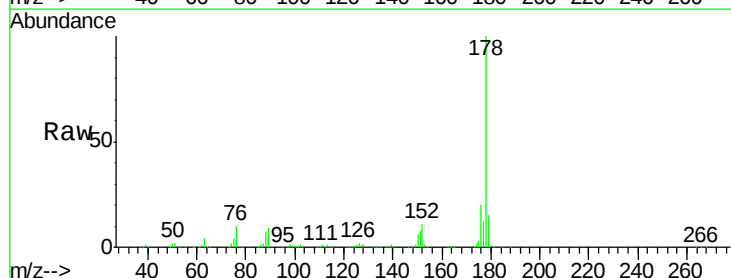


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

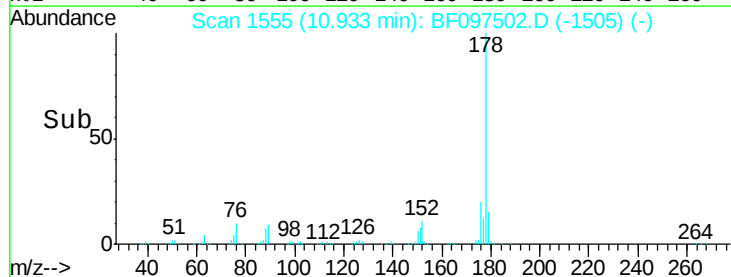
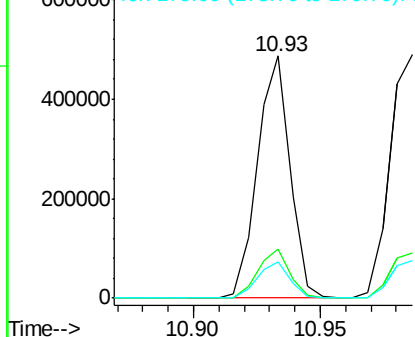


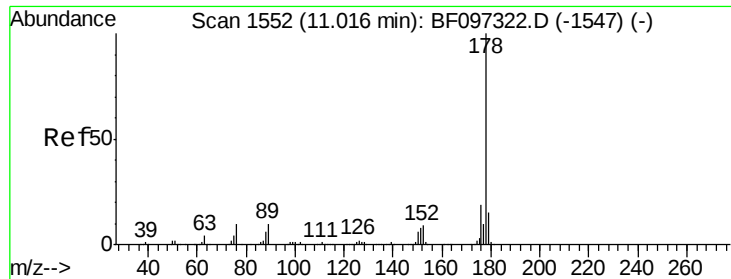
#70  
 Phenanthrene  
 Concen: 41.51 ng  
 RT: 10.93 min Scan# 1555  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Tgt Ion:178 Resp: 437560  
 Ion Ratio Lower Upper  
 178 100  
 176 20.0 16.2 24.4  
 179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

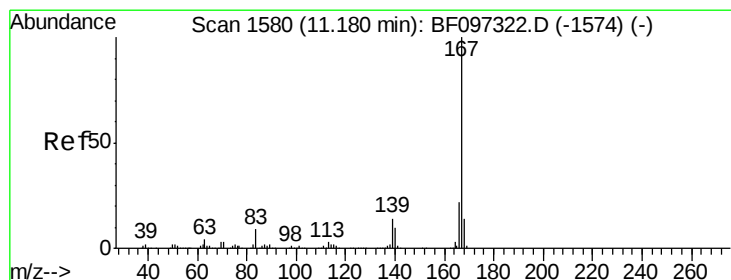
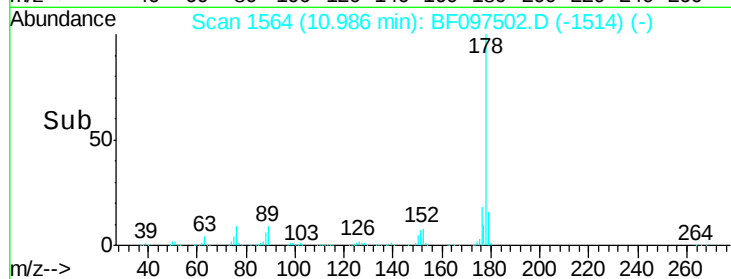
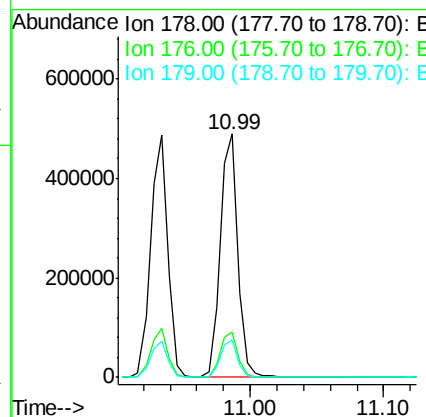
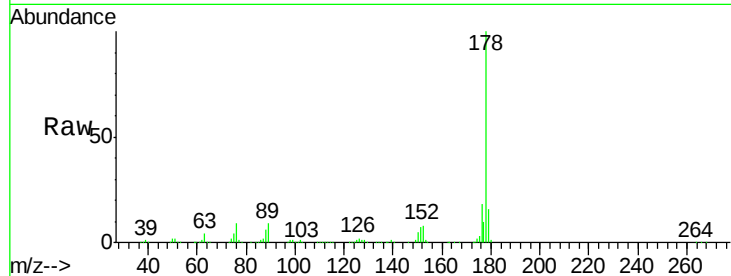




#71  
 Anthracene  
 Concen: 42.07 ng  
 RT: 10.99 min Scan# 1564  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

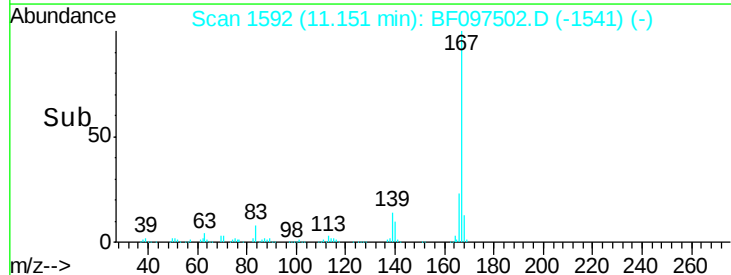
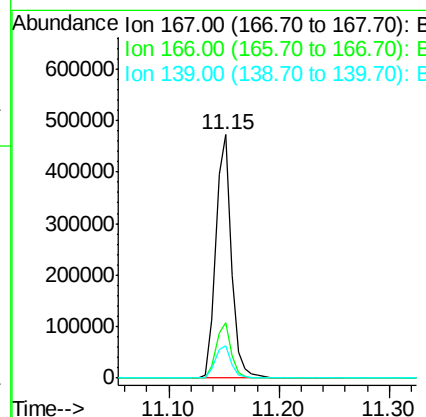
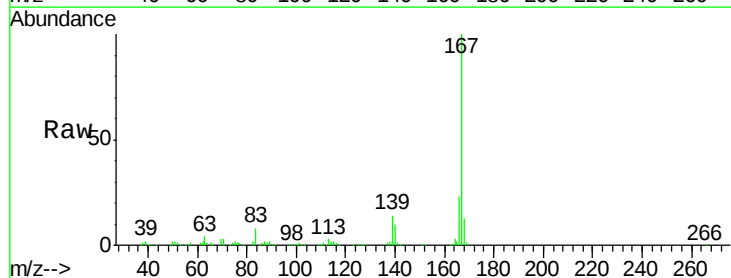
Instrument :  
 BNA\_F  
 ClientSampleId :

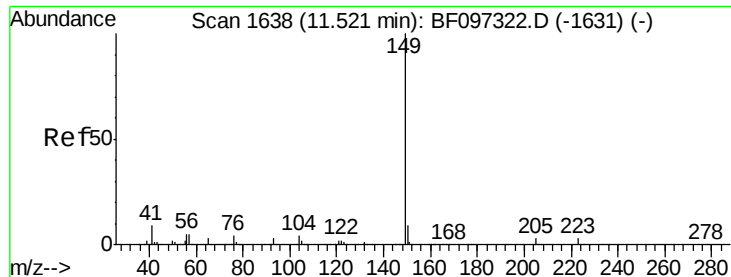
Tot Ion:178 Resp: 454184  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 15.8 23.8  
 179 15.5 12.7 19.1



#72  
 Carbazole  
 Concen: 42.58 ng  
 RT: 11.15 min Scan# 1592  
 Delta R.T. 0.00 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Tgt Ion:167 Resp: 452131  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 18.1 27.1  
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.65 ng

RT: 11.49 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

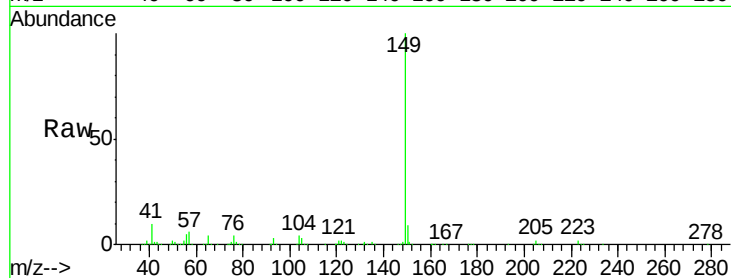
Tot Ion:149 Resp: 572945

Ion Ratio Lower Upper

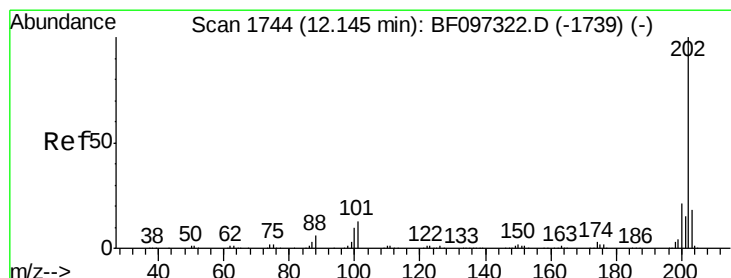
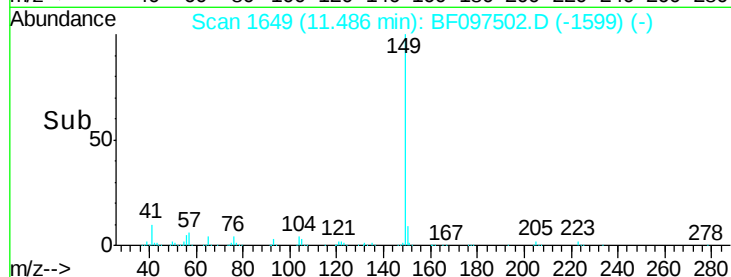
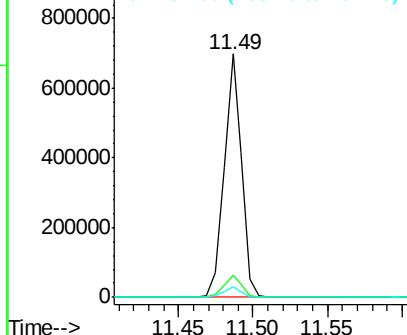
149 100

150 9.2 7.7 11.5

104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.47 ng

RT: 12.11 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

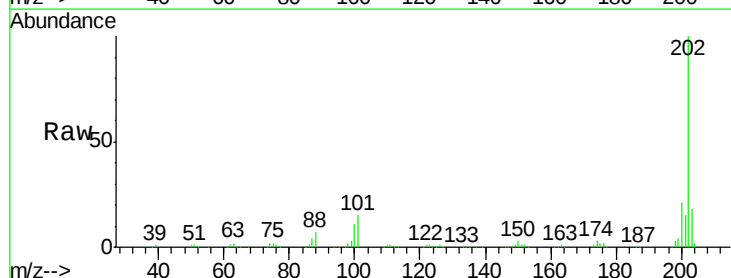
Tgt Ion:202 Resp: 428266

Ion Ratio Lower Upper

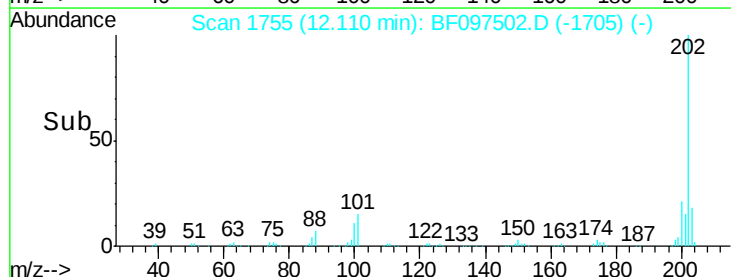
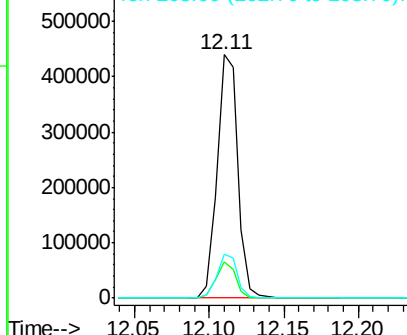
202 100

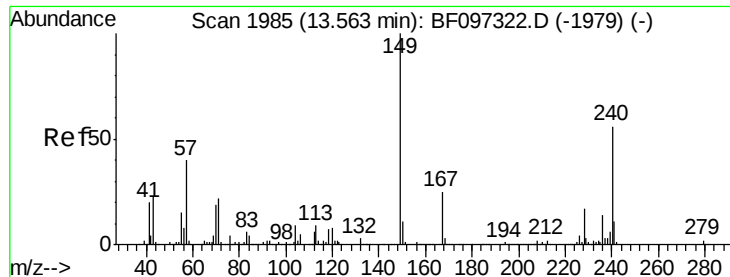
101 15.0 0.0 33.2

203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

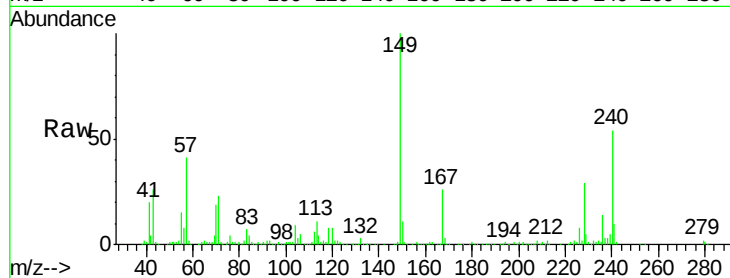
Tot Ion:240 Resp: 140449

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

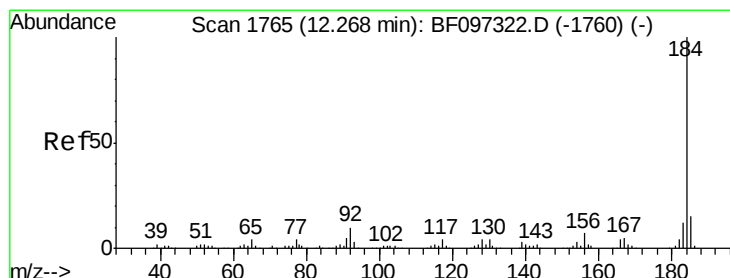
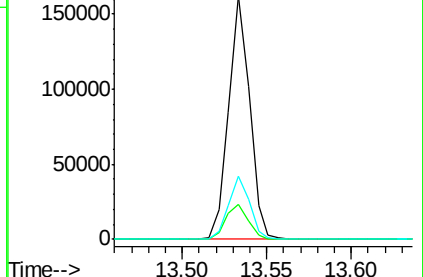
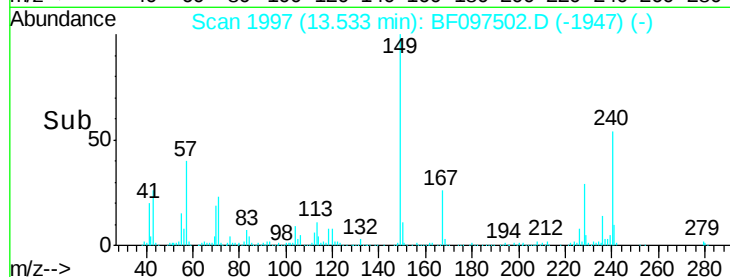
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.90 ng

RT: 12.25 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

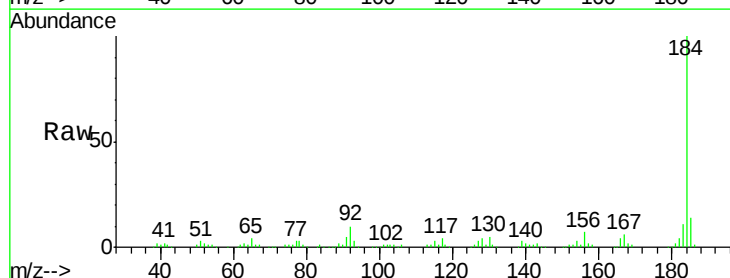
Tgt Ion:184 Resp: 223562

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

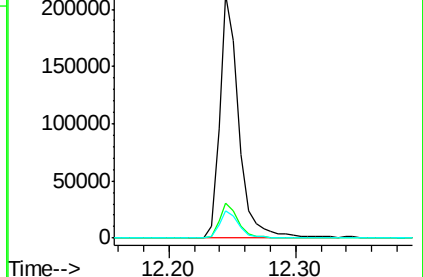
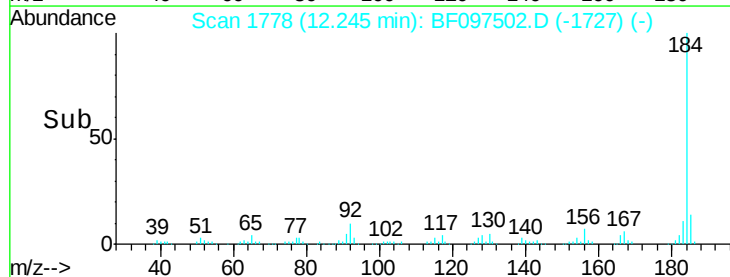
183 11.2 9.8 14.6

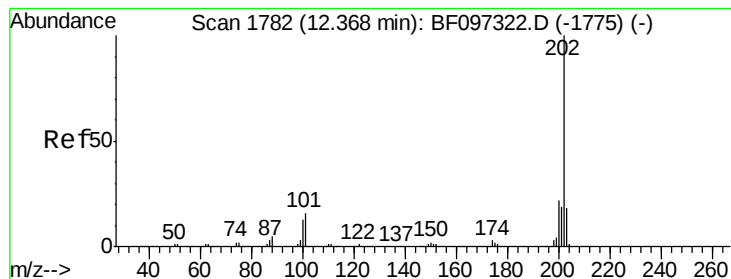


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.47 ng

RT: 12.33 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

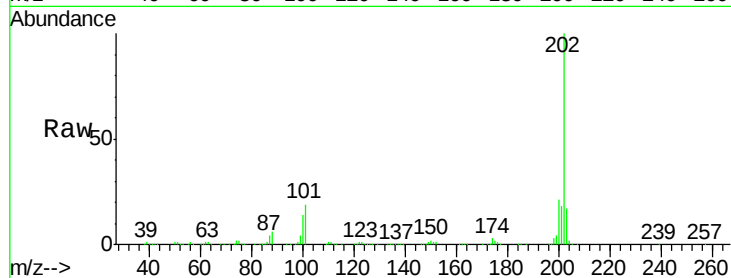
Tot Ion:202 Resp: 442298

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

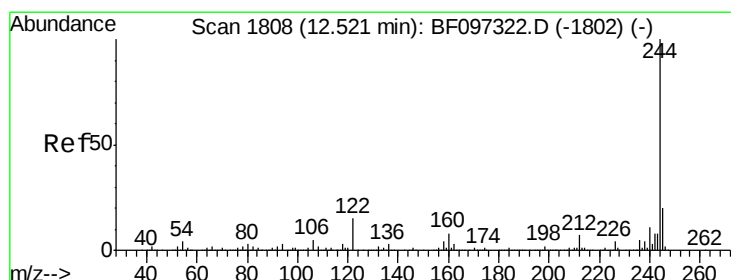
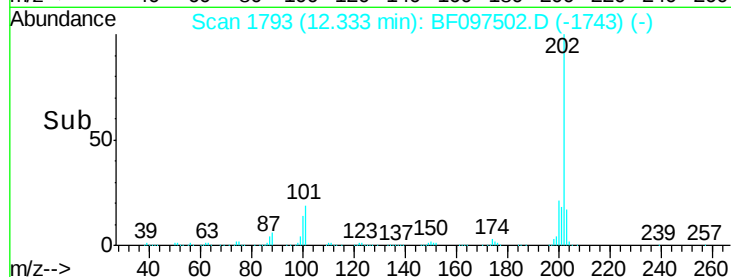
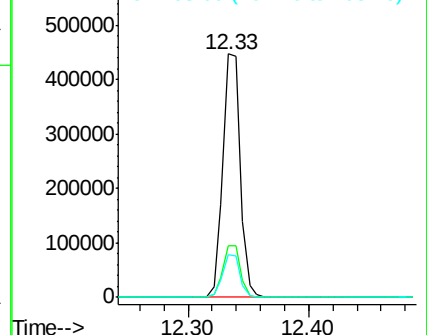
203 17.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.28 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

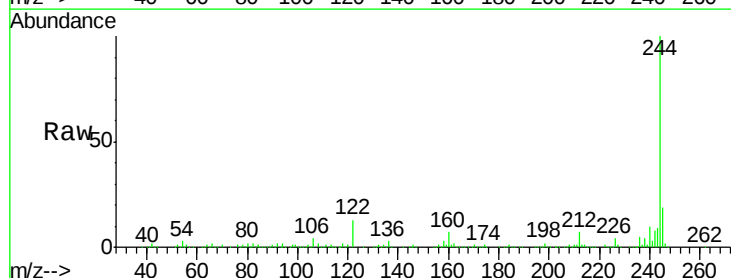
Tgt Ion:244 Resp: 546141

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

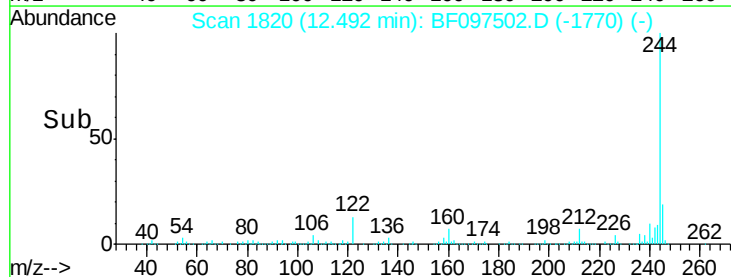
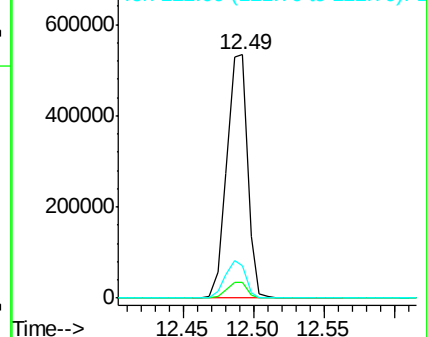
122 13.2 10.3 15.5

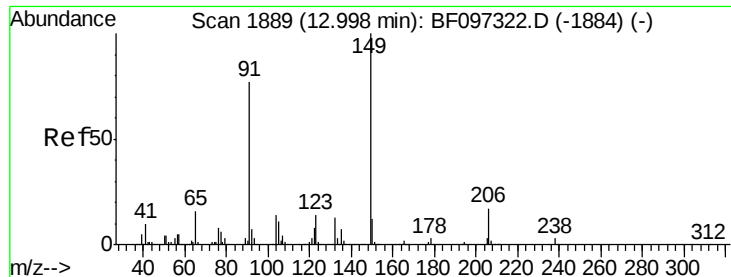


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

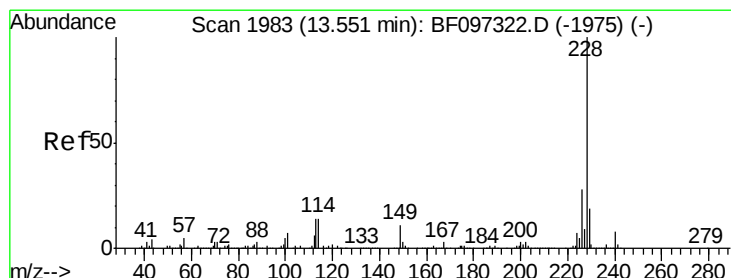
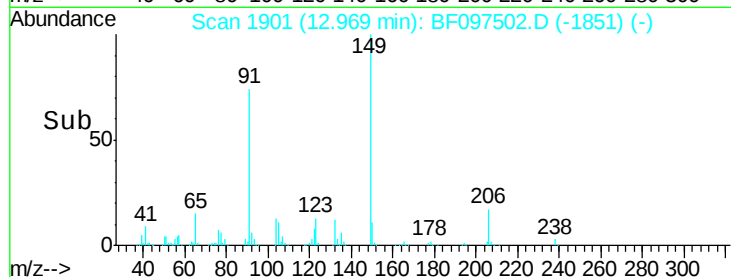
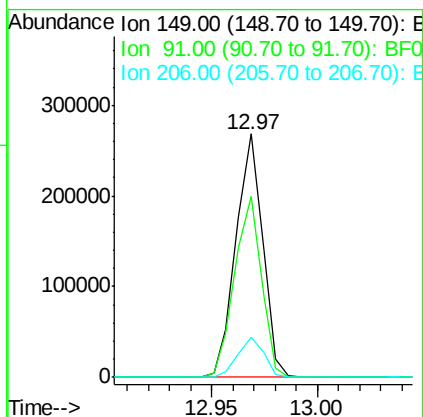
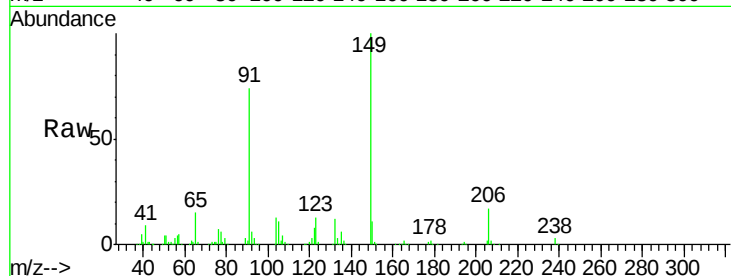




#79  
Butylbenzylphthalate  
Concen: 40.23 ng  
RT: 12.97 min Scan# 1901  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

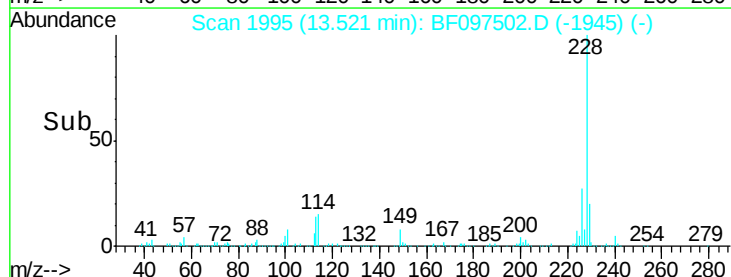
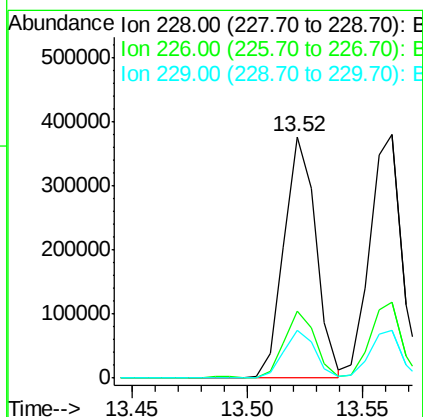
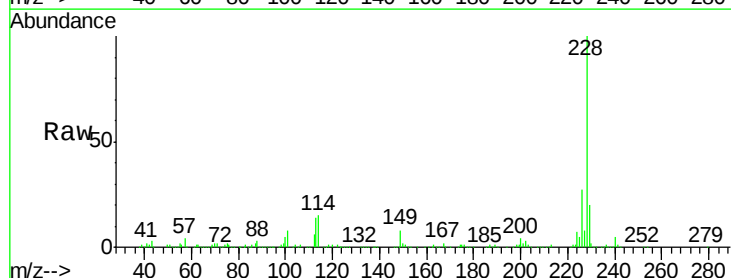
Instrument :  
BNA\_F  
ClientSampleId :

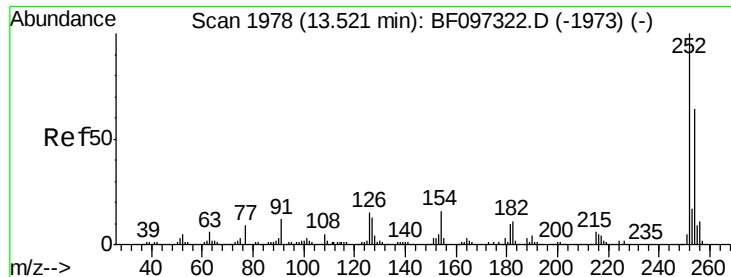
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 74.2  | 45.0  | 67.4# |
| 206     | 16.7  | 17.0  | 25.6# |



#80  
Benzo(a)anthracene  
Concen: 39.46 ng  
RT: 13.52 min Scan# 1995  
Delta R.T. -0.01 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.5  | 22.6  | 33.8  |
| 229     | 19.6  | 16.3  | 24.5  |

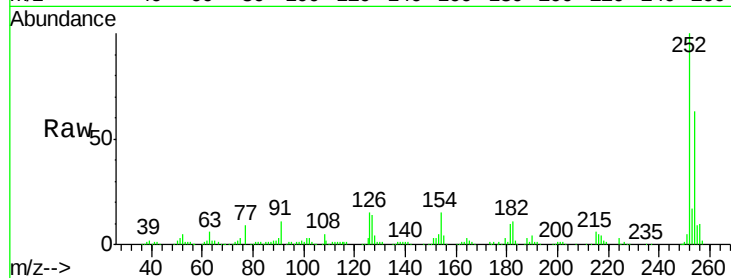




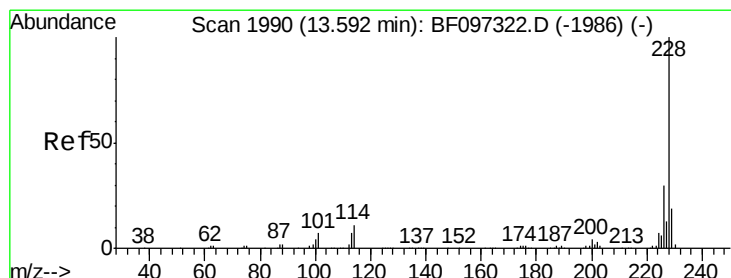
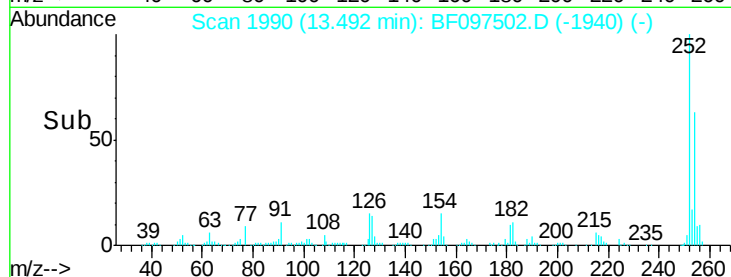
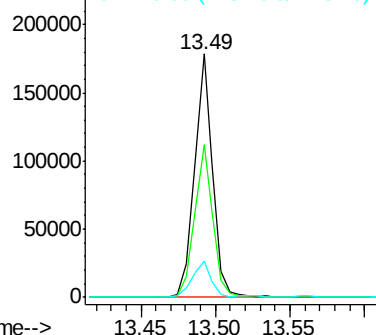
#81  
 3,3'-Dichlorobenzidine  
 Concen: 44.81 ng  
 RT: 13.49 min Scan# 1990  
 Delta R.T. -0.01 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.6  | 51.5  | 77.3  |
| 126     | 15.1  | 15.8  | 23.8  |

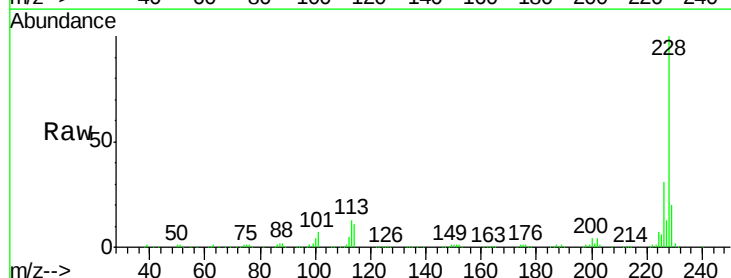


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

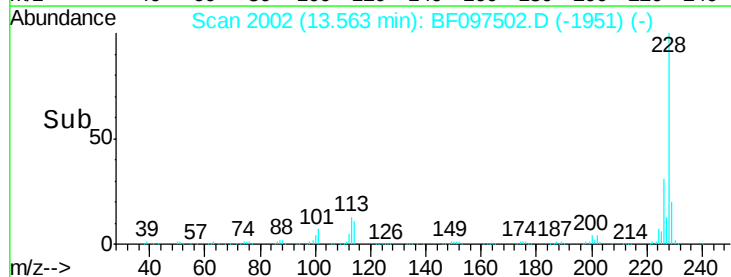
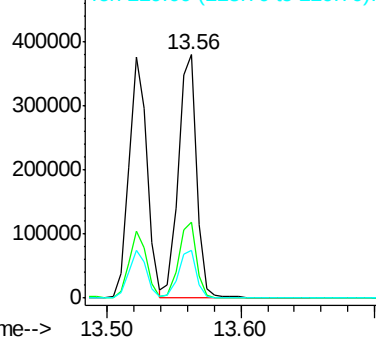


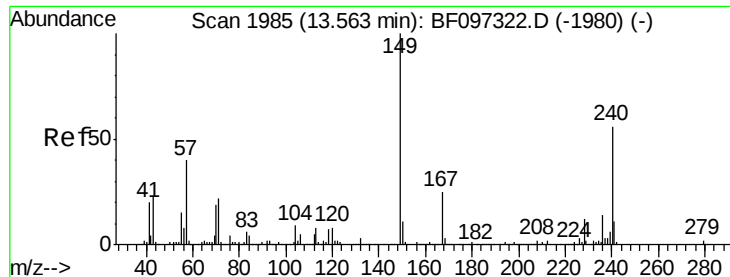
#82  
 Chrysene  
 Concen: 41.00 ng  
 RT: 13.56 min Scan# 2002  
 Delta R.T. 0.00 min  
 Lab File: BF097502.D  
 Acq: 9 Aug 2017 7:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.9  | 24.9  | 37.3  |
| 229     | 19.9  | 15.8  | 23.6  |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.67 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

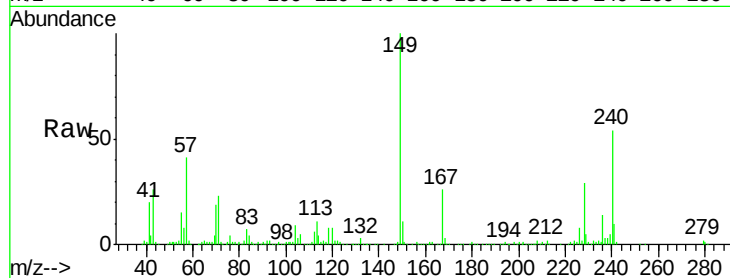
Tot Ion:149 Resp: 295315

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

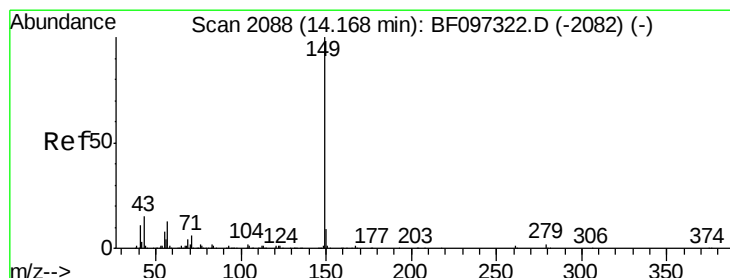
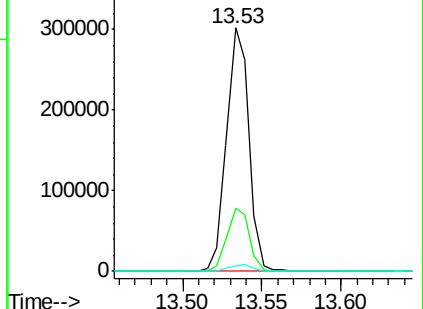
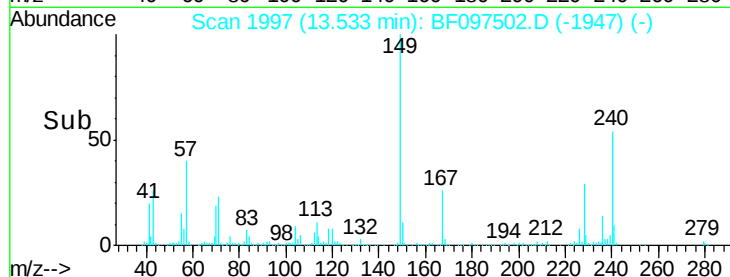
279 2.5 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.72 ng

RT: 14.14 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

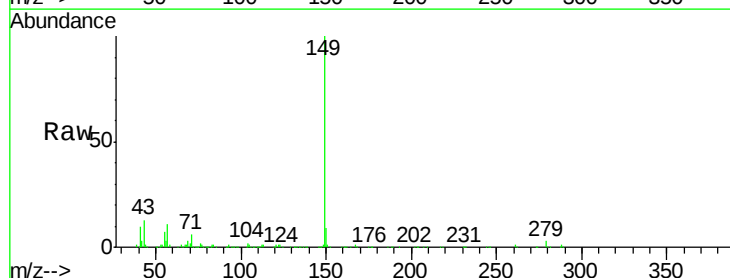
Tgt Ion:149 Resp: 570598

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

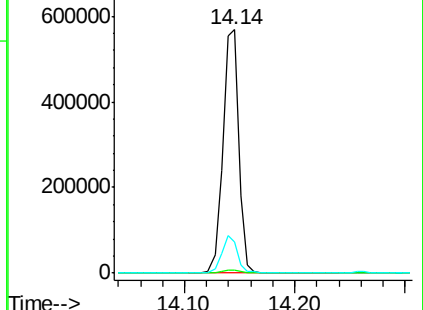
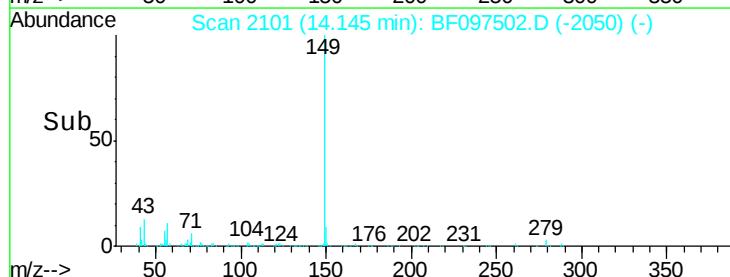
43 14.8 8.5 12.7#

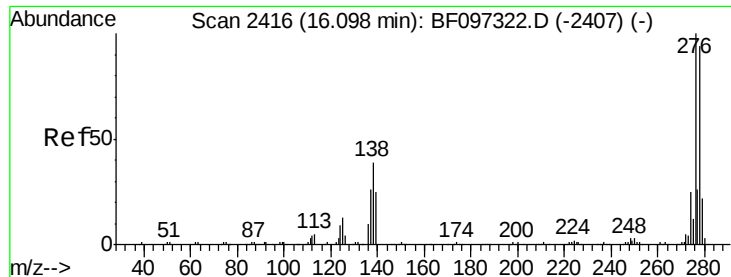


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

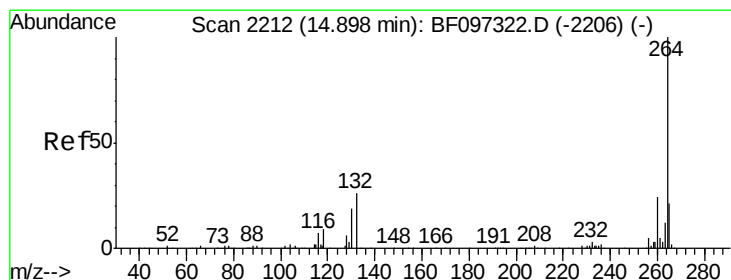
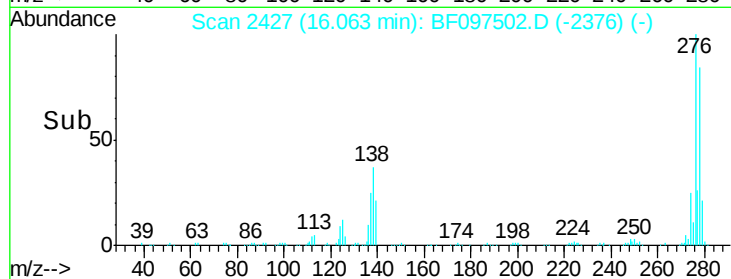
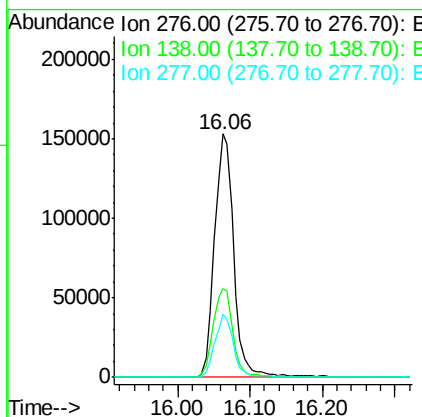
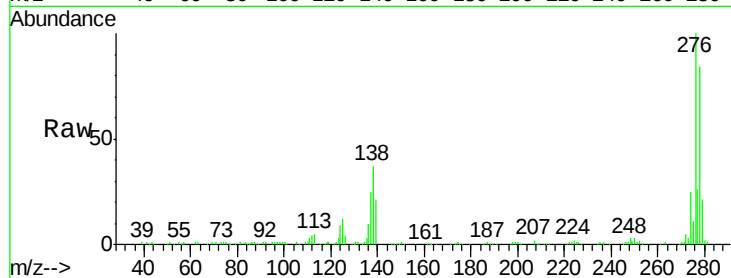




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 37.13 ng  
RT: 16.06 min Scan# 2427  
Delta R.T. 0.00 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

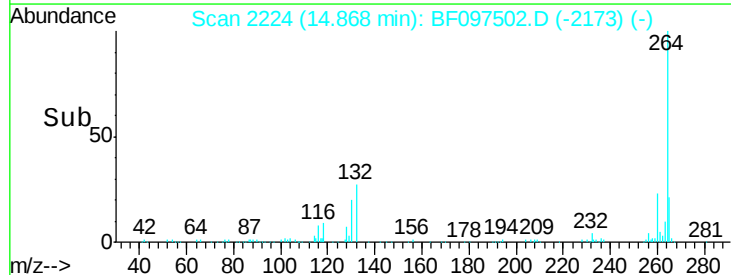
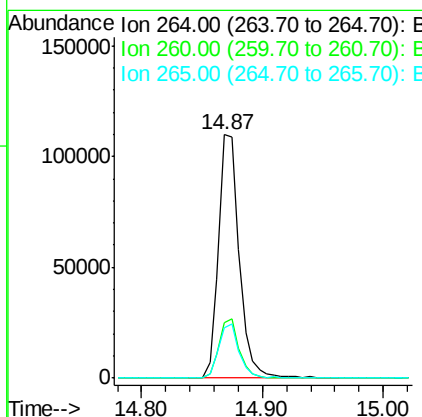
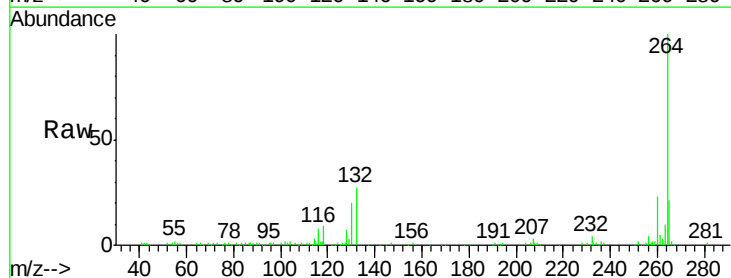
Instrument :  
BNA\_F  
ClientSampleId :

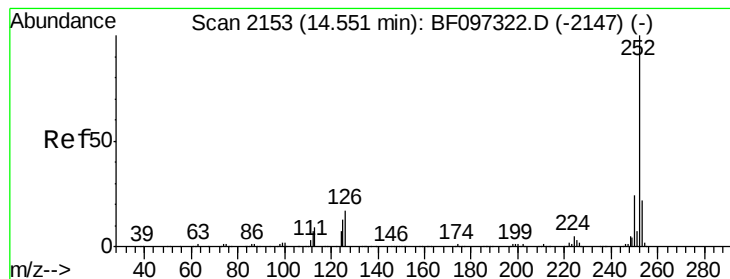
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 37.2  | 27.8  | 41.6  |
| 277     | 24.8  | 20.2  | 30.4  |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 14.87 min Scan# 2224  
Delta R.T. 0.00 min  
Lab File: BF097502.D  
Acq: 9 Aug 2017 7:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.5  | 29.3  |
| 265     | 20.5  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 46.12 ng

RT: 14.53 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

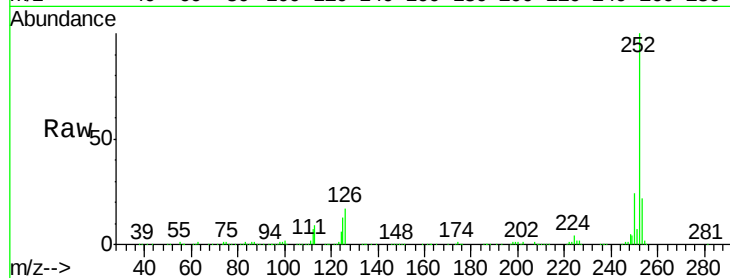
Tot Ion:252 Resp: 359074

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

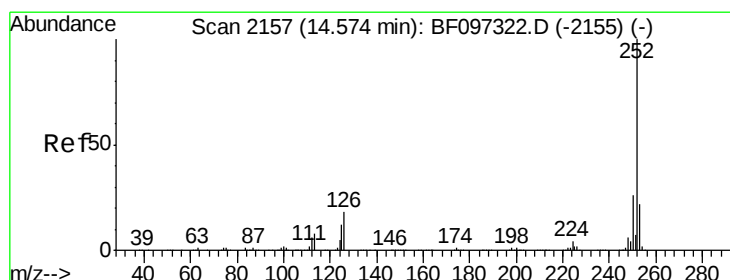
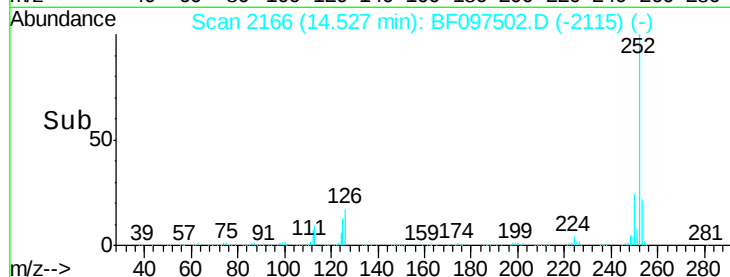
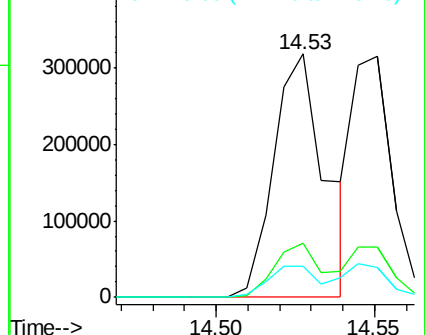
125 12.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.96 ng

RT: 14.82 min Scan# 2216

Delta R.T. 0.27 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

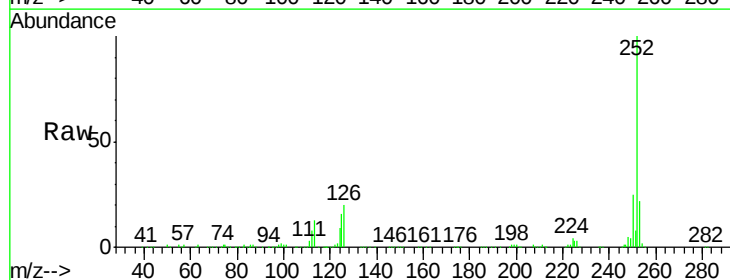
Tgt Ion:252 Resp: 244521

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

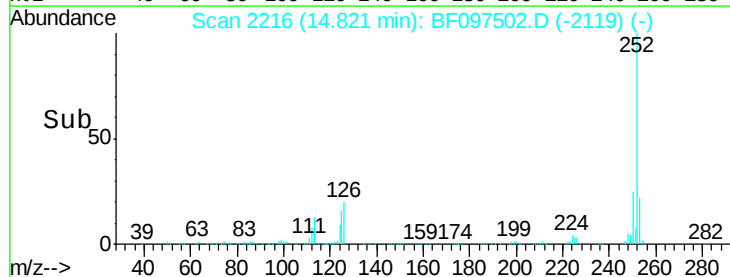
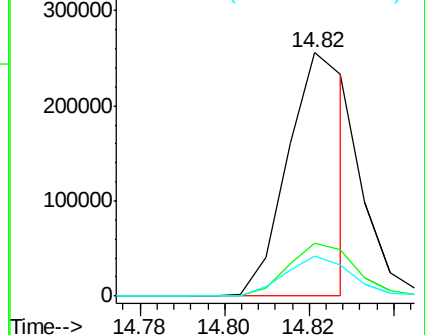
125 16.4 13.1 19.7

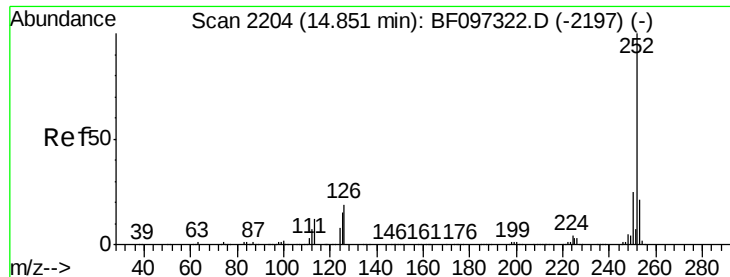


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.98 ng

RT: 14.82 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

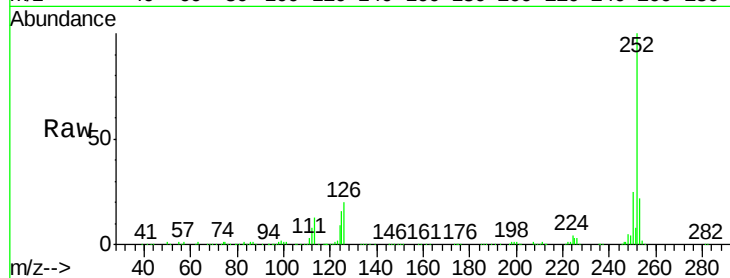
Tot Ion:252 Resp: 299141

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

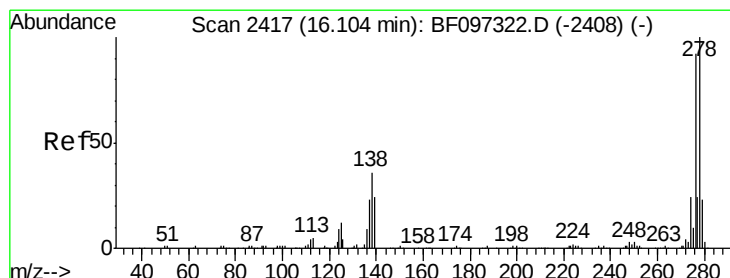
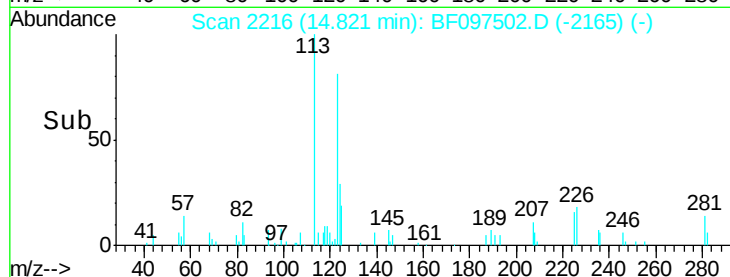
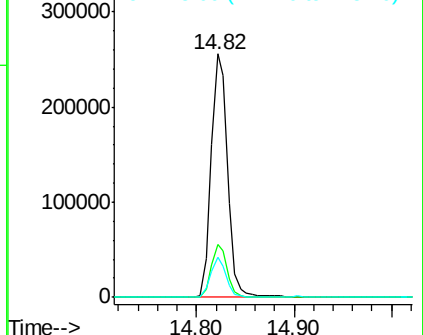
125 16.4 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.31 ng

RT: 16.07 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

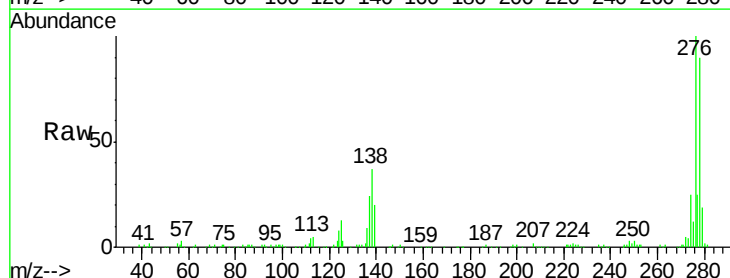
Tgt Ion:278 Resp: 235589

Ion Ratio Lower Upper

278 100

139 21.9 16.6 24.8

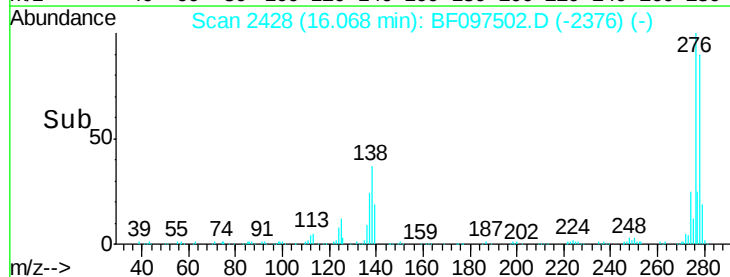
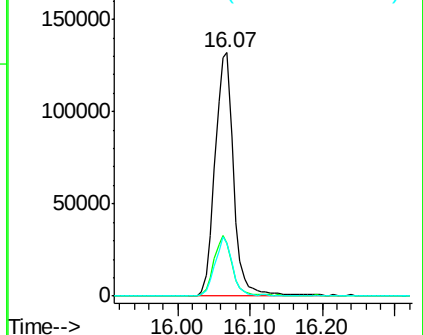
279 21.6 19.3 28.9

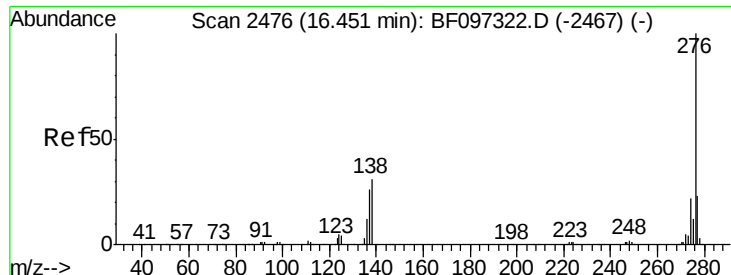


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.20 ng

RT: 16.42 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA\_F

ClientSampleId :

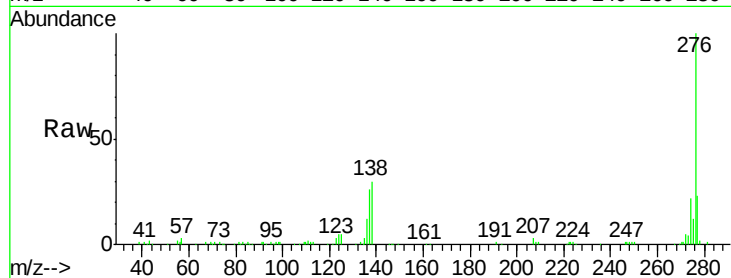
Tot Ion:276 Resp: 234094

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 30.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

