

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF102616\  
 Data File : BF090846.D  
 Acq On : 26 Oct 2016 17:37  
 Operator : UM/SJ  
 Sample : PB94297BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 27 01:19:20 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF102616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 16:35:31 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.78  | 152  | 163165   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.08  | 136  | 774711   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.84  | 164  | 393845   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.31 | 188  | 616793   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.96 | 240  | 509452   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.37 | 264  | 423267   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.39  | 112 | 1458987 | 156.34 | ng | 0.00  |
| 7) Phenol-d6                | 6.44  | 99  | 1800521 | 143.01 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.36  | 82  | 1032635 | 87.26  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.62 | 330 | 546083  | 134.92 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.16  | 172 | 2458967 | 109.63 | ng | -0.01 |
| 78) Terphenyl-d14           | 12.91 | 244 | 2472081 | 122.25 | ng | -0.01 |

|                                |      |     |         |        |    |        |
|--------------------------------|------|-----|---------|--------|----|--------|
| Target Compounds               |      |     |         |        |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.40 | 88  | 194540  | 40.77  | ng | # 74   |
| 3) Pyridine                    | 3.08 | 79  | 623810  | 48.20  | ng | # 76   |
| 4) n-Nitrosodimethylamine      | 3.05 | 42  | 218416  | 59.94  | ng | # 63   |
| 6) Aniline                     | 6.45 | 93  | 352929  | 24.54  | ng | # 1    |
| 8) 2-Chlorophenol              | 6.58 | 128 | 553337  | 48.06  | ng | 95     |
| 9) Benzaldehyde                | 6.33 | 77  | 101323  | 15.58  | ng | # 70   |
| 10) Phenol                     | 6.45 | 94  | 647808  | 46.69  | ng | # 69   |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 565770  | 49.29  | ng | 85     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 573670  | 48.72  | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 591735  | 47.79  | ng | # 96   |
| 14) 1,2-Dichlorobenzene        | 6.81 | 146 | 595845  | 50.19  | ng | 98     |
| 15) Benzyl Alcohol             | 6.93 | 79  | 378474  | 45.77  | ng | # 78   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 491105  | 42.99  | ng | 56     |
| 17) 2-Methylphenol             | 7.06 | 107 | 439579  | 50.19  | ng | # 84   |
| 18) Hexachloroethane           | 7.30 | 117 | 209990  | 46.59  | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 359129  | 49.34  | ng | # 66   |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 497222  | 49.04  | ng | # 61   |
| 22) Acetophenone               | 7.21 | 105 | 690711  | 43.34  | ng | # 86   |
| 24) Nitrobenzene               | 7.38 | 77  | 557595  | 44.55  | ng | # 78   |
| 25) Isophorone                 | 7.62 | 82  | 1081090 | 45.02  | ng | # 92   |
| 26) 2-Nitrophenol              | 7.70 | 139 | 327458  | 48.83  | ng | # 85   |
| 27) 2,4-Dimethylphenol         | 7.74 | 122 | 546267  | 50.32  | ng | 87     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 805446  | 58.97  | ng | # 96   |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 508796  | 50.61  | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 532529  | 45.84  | ng | 97     |
| 31) Naphthalene                | 8.10 | 128 | 1792784 | 49.50  | ng | 96     |
| 32) Benzoic acid               | 7.88 | 122 | 274786  | 34.86  | ng | # 63   |
| 33) 4-Chloroaniline            | 8.16 | 127 | 204166  | 13.95  | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.21 | 225 | 294705  | 43.14  | ng | 98     |
| 35) Caprolactam                | 8.53 | 113 | 106262  | 34.06  | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 556648  | 50.92  | ng | 87     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 1176548 | 50.30  | ng | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 501428  | 46.41  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.94 | 237 | 569723  | 114.62 | ng | 95     |

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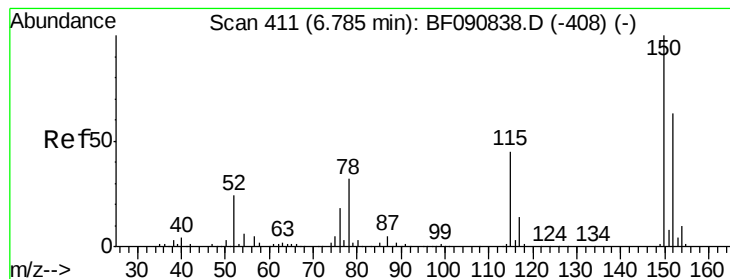
Instrument :  
 BNA\_F  
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Quant Time: Oct 27 01:19:20 2016  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.07  | 196  | 337944   | 48.45  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.12  | 196  | 352147   | 49.02  | ng #  | 90       |
| 45) 1,1'-Biphenyl              | 9.25  | 154  | 1343971  | 47.38  | ng    | 91       |
| 46) 2-Chloronaphthalene        | 9.28  | 162  | 1082434  | 50.16  | ng #  | 88       |
| 47) 2-Nitroaniline             | 9.38  | 65   | 361033   | 59.29  | ng #  | 74       |
| 48) Acenaphthylene             | 9.70  | 152  | 1729430  | 52.93  | ng    | 96       |
| 49) Dimethylphthalate          | 9.56  | 163  | 1179998  | 44.84  | ng #  | 97       |
| 50) 2,6-Dinitrotoluene         | 9.62  | 165  | 270062   | 46.47  | ng #  | 44       |
| 51) Acenaphthene               | 9.87  | 154  | 1235675  | 54.91  | ng    | 88       |
| 52) 3-Nitroaniline             | 9.79  | 138  | 122764   | 19.84  | ng #  | 64       |
| 53) 2,4-Dinitrophenol          | 9.90  | 184  | 276335   | 90.33  | ng #  | 87       |
| 54) Dibenzofuran               | 10.04 | 168  | 1559789  | 53.71  | ng #  | 87       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 444669   | 117.86 | ng #  | 84       |
| 56) 2,4-Dinitrotoluene         | 10.03 | 165  | 404714   | 56.06  | ng #  | 85       |
| 57) Fluorene                   | 10.38 | 166  | 1254528  | 52.74  | ng    | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 293347   | 45.73  | ng    | 95       |
| 59) Diethylphthalate           | 10.26 | 149  | 1285111  | 49.17  | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204  | 547327   | 47.14  | ng #  | 87       |
| 61) 4-Nitroaniline             | 10.41 | 138  | 269090   | 43.92  | ng #  | 48       |
| 62) Azobenzene                 | 10.53 | 77   | 1423851  | 55.40  | ng    | 85       |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 178066   | 43.54  | ng #  | 67       |
| 65) n-Nitrosodiphenylamine     | 10.50 | 169  | 1064885  | 56.36  | ng    | 90       |
| 66) 4-Bromophenyl-phenylether  | 10.86 | 248  | 366874   | 54.32  | ng    | 97       |
| 67) Hexachlorobenzene          | 10.93 | 284  | 430015   | 53.79  | ng #  | 80       |
| 68) Atrazine                   | 11.02 | 200  | 292418   | 50.03  | ng    | 86       |
| 69) Pentachlorophenol          | 11.13 | 266  | 446799   | 104.19 | ng    | 98       |
| 70) Phenanthrene               | 11.39 | 178  | 1630688  | 51.92  | ng    | 95       |
| 71) Anthracene                 | 11.39 | 178  | 1637647  | 49.51  | ng    | 96       |
| 72) Carbazole                  | 11.55 | 167  | 1578655  | 54.05  | ng #  | 93       |
| 73) Di-n-butylphthalate        | 11.88 | 149  | 1824006  | 48.45  | ng #  | 96       |
| 74) Fluoranthene               | 12.52 | 202  | 1667512  | 48.48  | ng    | 98       |
| 76) Benzidine                  | 12.65 | 184  | 262813   | 23.63  | ng #  | 97       |
| 77) Pyrene                     | 12.75 | 202  | 1641274  | 50.91  | ng    | 95       |
| 79) Butylbenzylphthalate       | 13.38 | 149  | 808221   | 55.25  | ng #  | 84       |
| 80) Benzo(a)anthracene         | 13.95 | 228  | 1485747  | 54.95  | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 294875   | 28.09  | ng #  | 92       |
| 82) Chrysene                   | 13.95 | 228  | 1485747  | 54.33  | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 1117491  | 58.66  | ng #  | 92       |
| 84) Di-n-octyl phthalate       | 14.56 | 149  | 1781740  | 55.70  | ng #  | 87       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.74 | 276  | 1231567  | 50.82  | ng #  | 93       |
| 87) Benzo(b)fluoranthene       | 15.00 | 252  | 2698707  | 94.82  | ng #  | 84       |
| 88) Benzo(k)fluoranthene       | 15.00 | 252  | 2702136  | 120.14 | ng #  | 85       |
| 89) Benzo(a)pyrene             | 15.31 | 252  | 1182320  | 48.35  | ng #  | 88       |
| 90) Dibenzo(a,h)anthracene     | 16.75 | 278  | 1053968  | 50.91  | ng #  | 84       |
| 91) Benzo(g,h,i)perylene       | 17.15 | 276  | 977268   | 50.12  | ng #  | 82       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

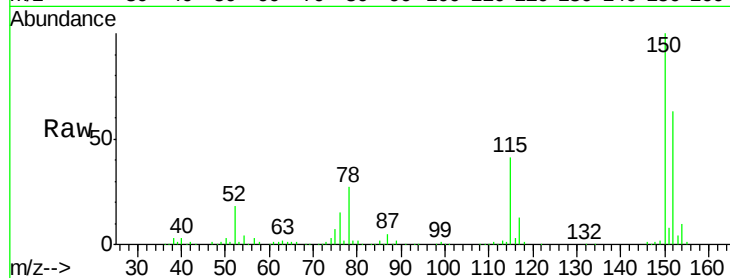
Tgt Ion:152 Resp: 163165

Ion Ratio Lower Upper

152 100

150 158.0 124.7 187.1

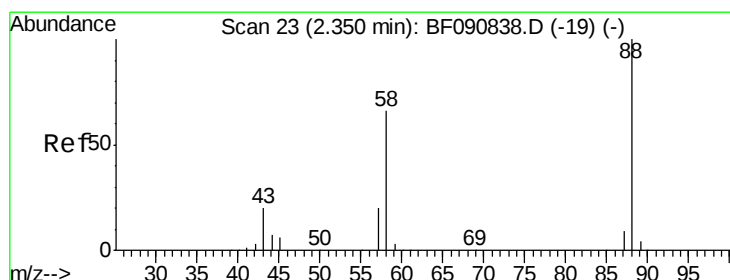
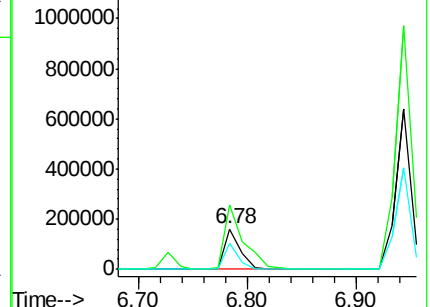
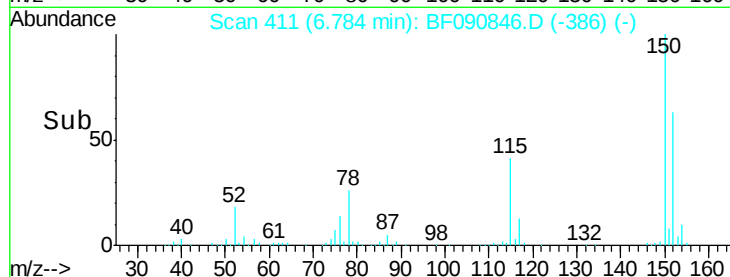
115 64.4 39.0 58.4#



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: 40.77 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.05 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

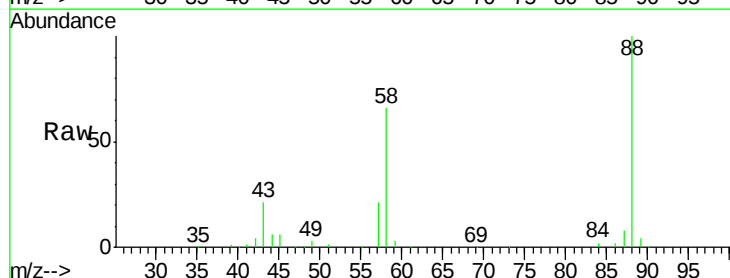
Tgt Ion: 88 Resp: 194540

Ion Ratio Lower Upper

88 100

58 69.8 77.7 116.5#

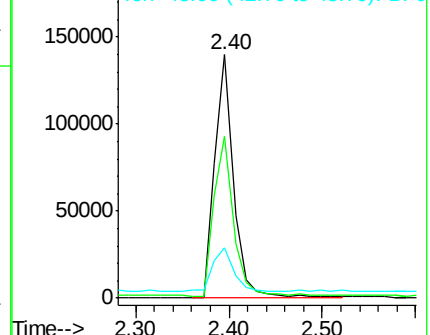
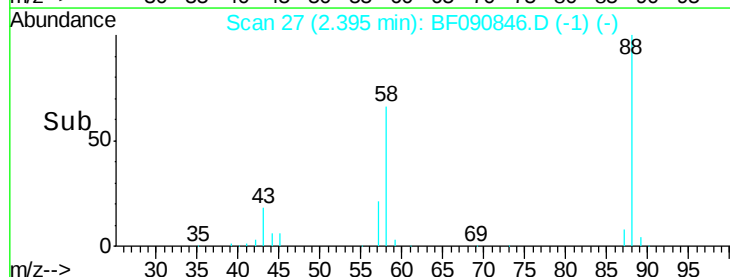
43 20.6 26.6 40.0#

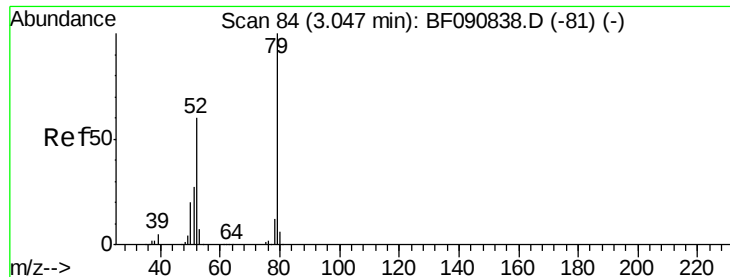


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

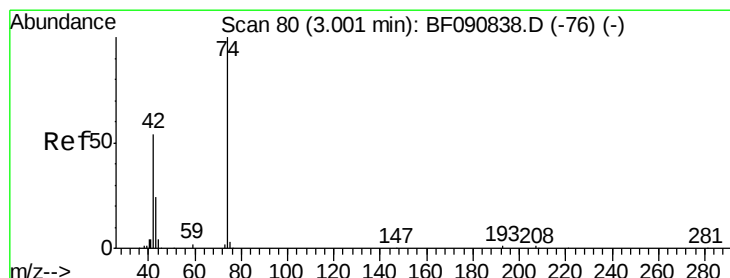
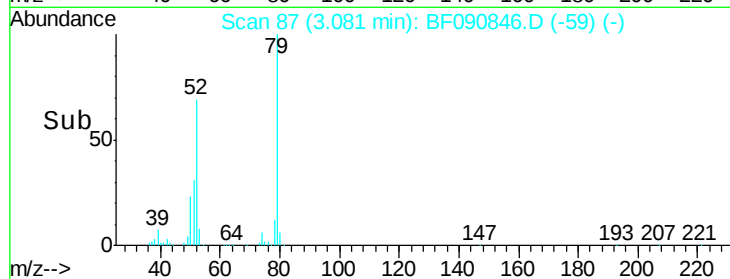
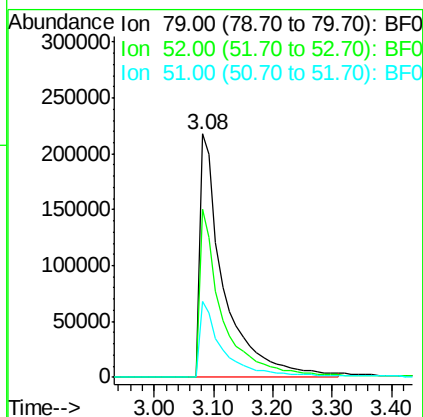
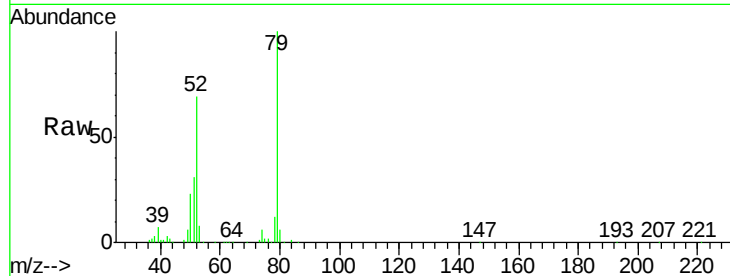




#3  
 Pyridine  
 Concen: 48.20 ng  
 RT: 3.08 min Scan# 87  
 Delta R.T. 0.02 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

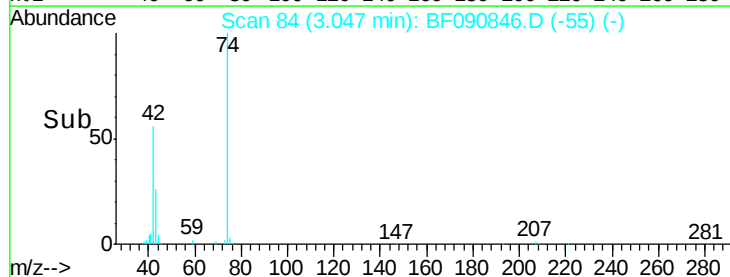
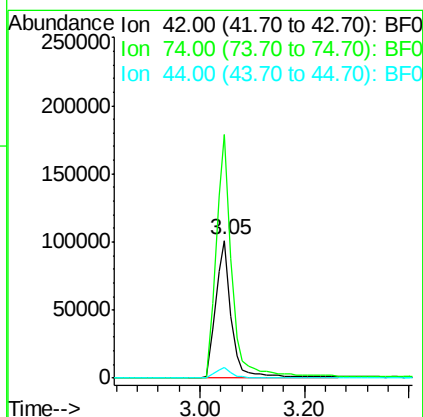
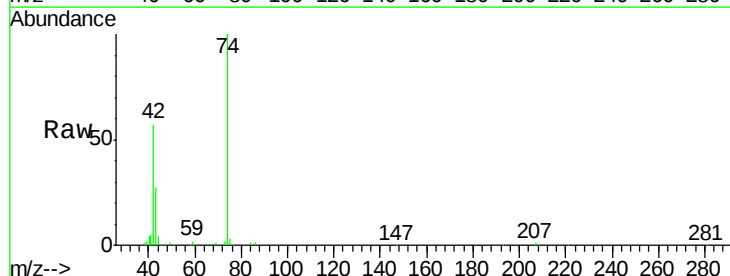
Instrument :  
 BNA\_F  
 ClientSampleId :

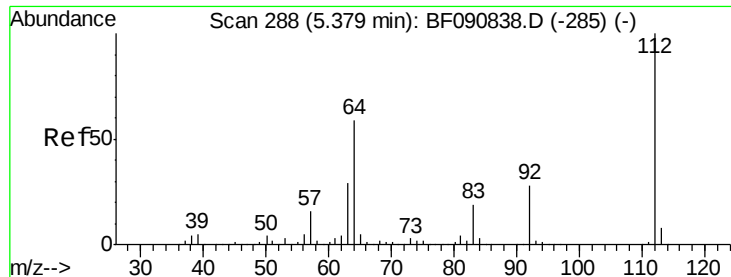
Tgt Ion: 79 Resp: 623810  
 Ion Ratio Lower Upper  
 79 100  
 52 69.1 76.8 115.2#  
 51 31.4 32.2 48.4#



#4  
 n-Nitrosodimethylamine  
 Concen: 59.94 ng  
 RT: 3.05 min Scan# 84  
 Delta R.T. 0.03 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion: 42 Resp: 218416  
 Ion Ratio Lower Upper  
 42 100  
 74 176.8 105.0 157.6#  
 44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 156.34 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

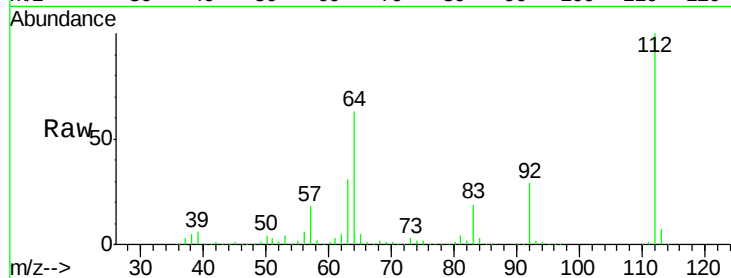
Tgt Ion:112 Resp: 1458987

Ion Ratio Lower Upper

112 100

64 62.5 39.7 59.5#

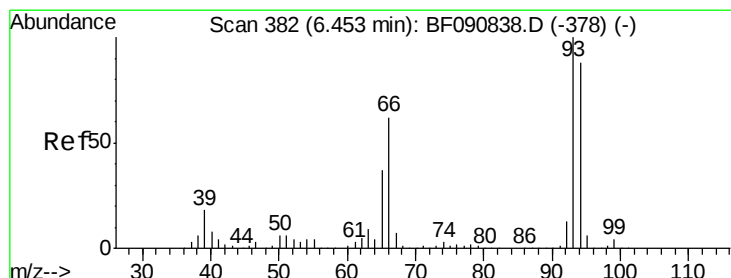
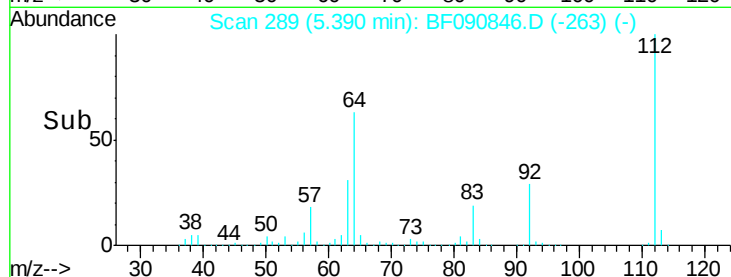
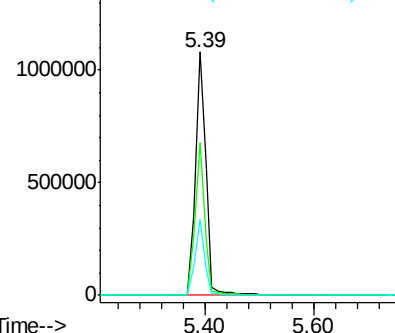
63 31.1 17.4 26.0#



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: 24.54 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

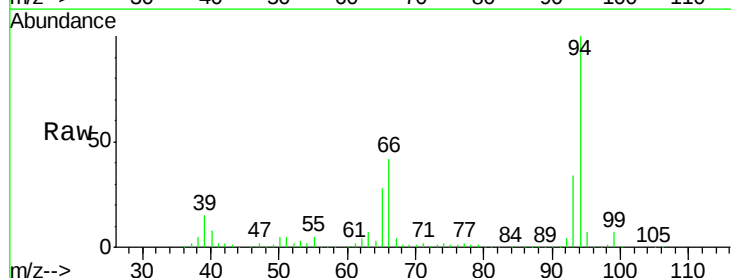
Tgt Ion: 93 Resp: 352929

Ion Ratio Lower Upper

93 100

66 120.9 27.2 40.8#

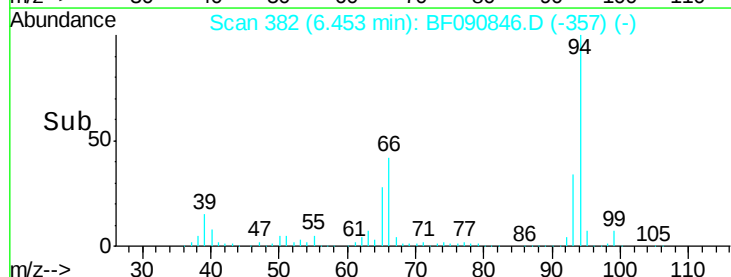
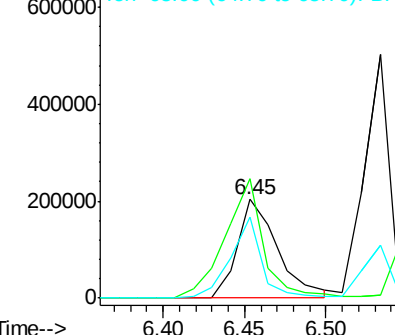
65 82.2 14.7 22.1#

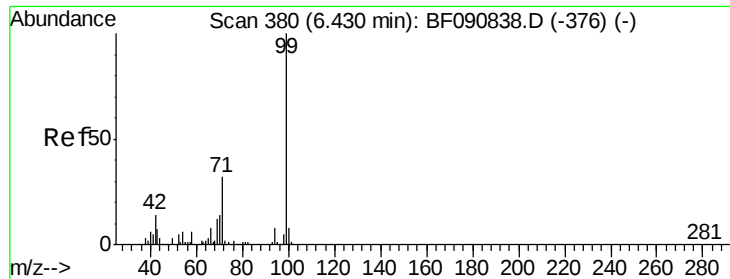


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 143.01 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

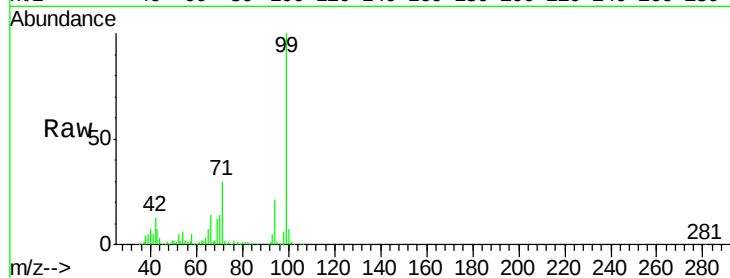
Tgt Ion: 99 Resp: 1800521

Ion Ratio Lower Upper

99 100

42 12.6 13.7 20.5#

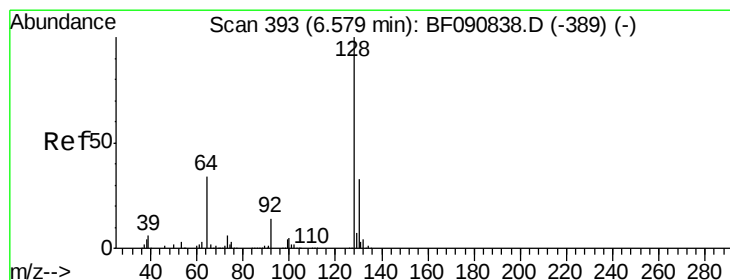
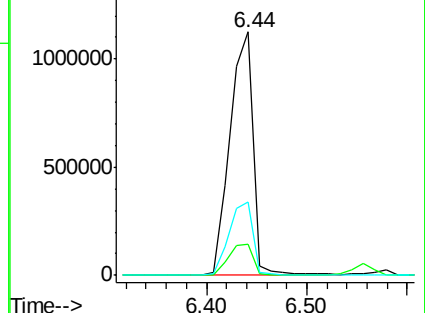
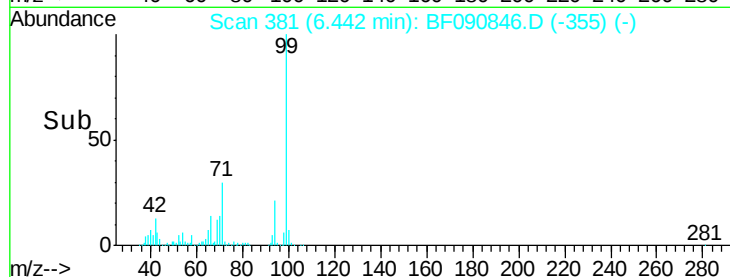
71 30.1 14.2 21.2#



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: 48.06 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

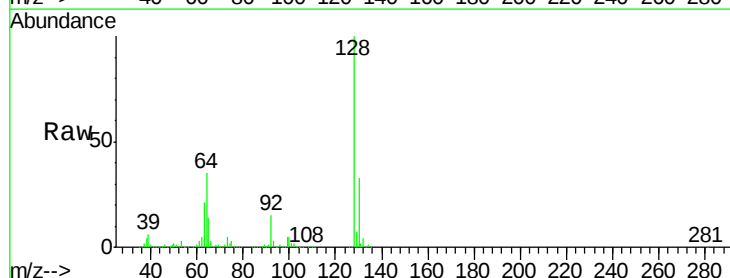
Tgt Ion: 128 Resp: 553337

Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

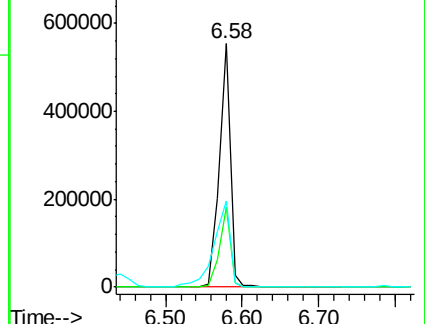
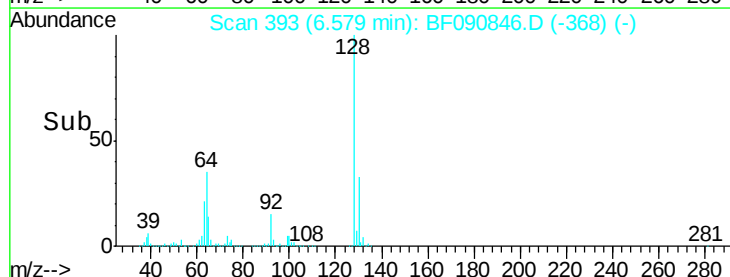
64 35.3 20.5 60.5

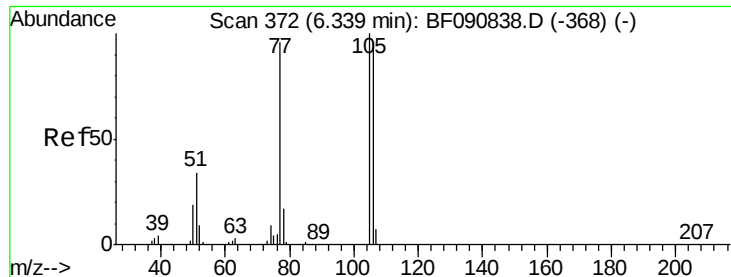


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.58 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

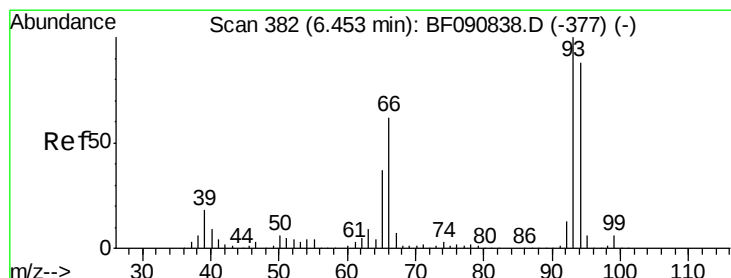
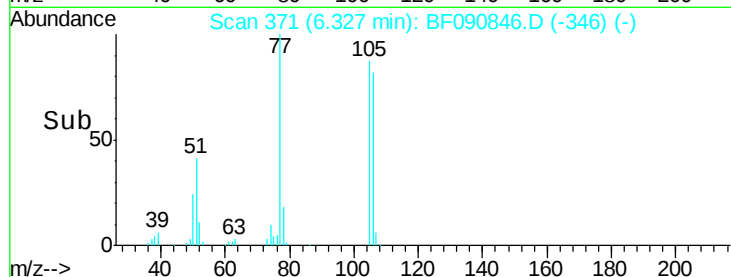
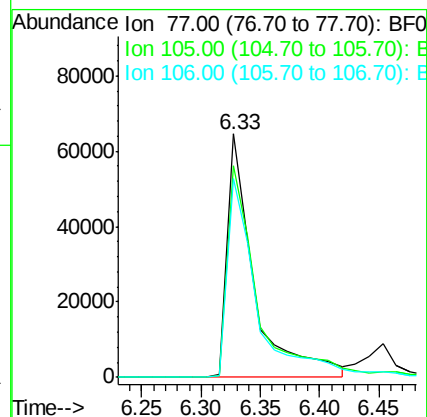
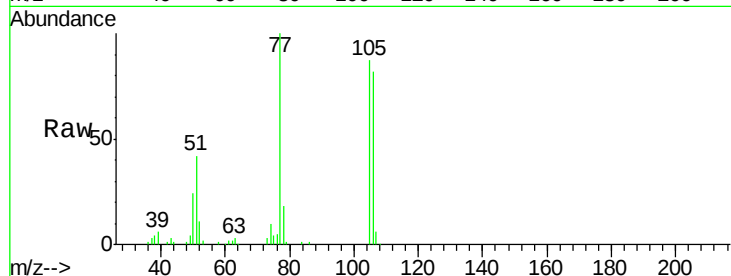
Tgt Ion: 77 Resp: 101323

Ion Ratio Lower Upper

77 100

105 86.9 91.6 131.6#

106 81.6 102.6 142.6#



#10

Phenol

Concen: 46.69 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

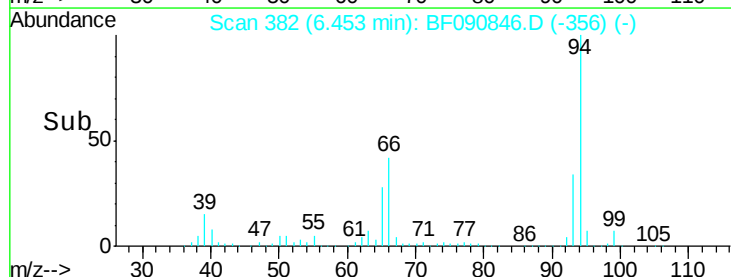
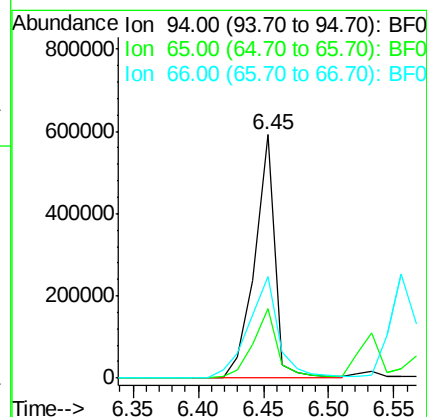
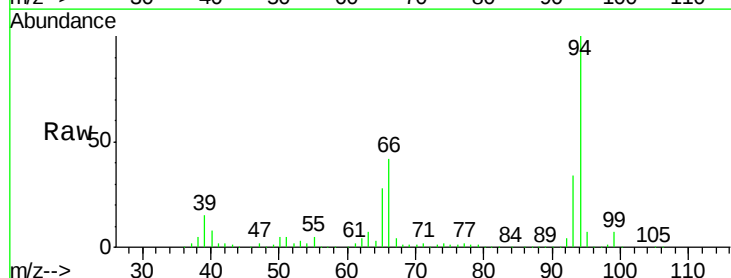
Tgt Ion: 94 Resp: 647808

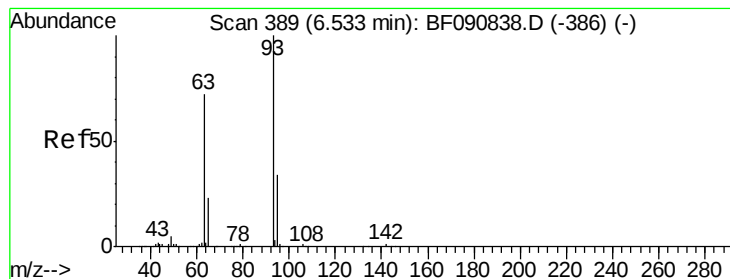
Ion Ratio Lower Upper

94 100

65 28.3 0.7 40.7

66 41.7 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 49.29 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

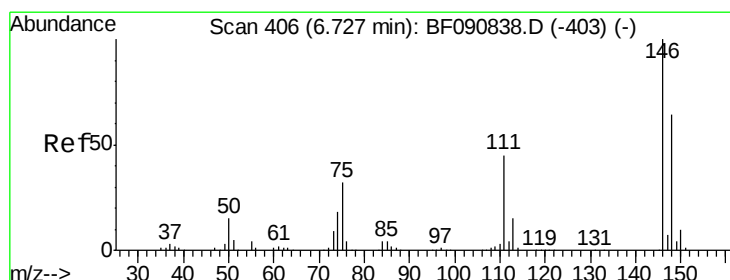
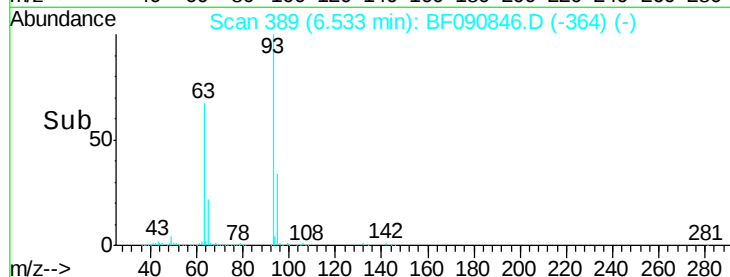
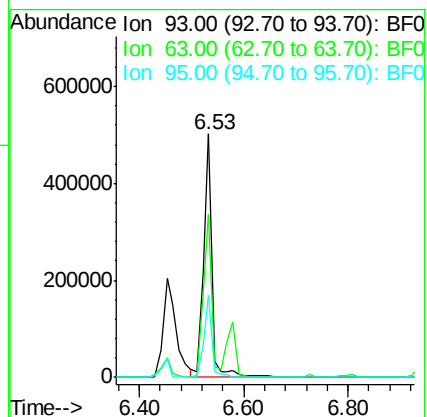
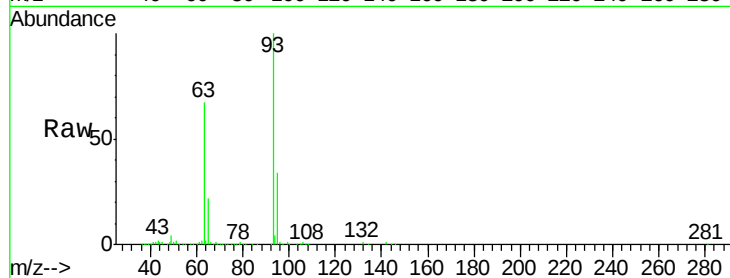
Tgt Ion: 93 Resp: 565770

Ion Ratio Lower Upper

93 100

63 67.1 65.6 105.6

95 34.0 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 48.72 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

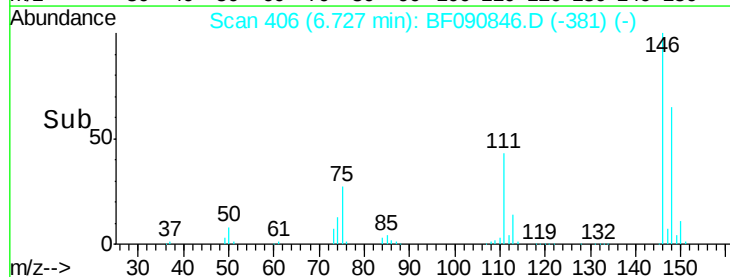
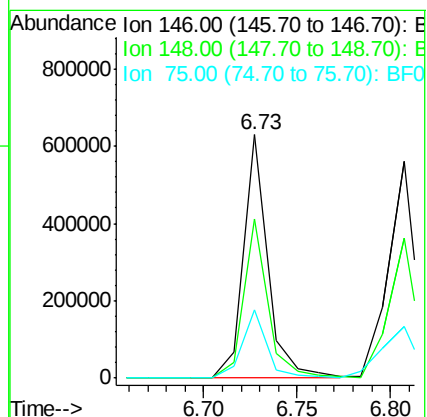
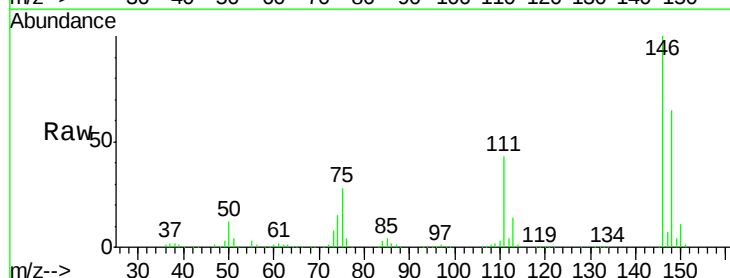
Tgt Ion: 146 Resp: 573670

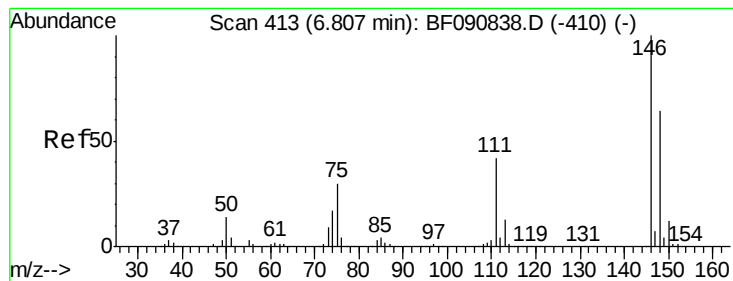
Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.4

75 27.9 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 47.79 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampled :

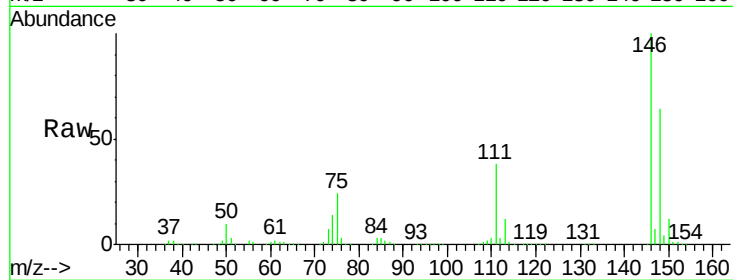
Tgt Ion:146 Resp: 591735

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

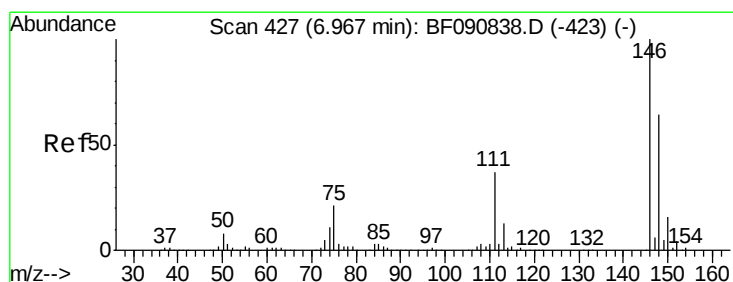
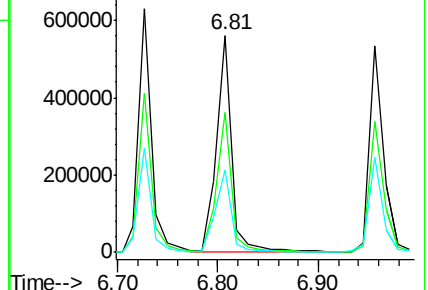
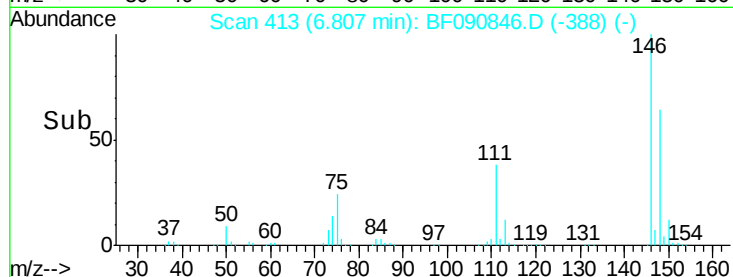
111 37.9 24.9 37.3#



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: 50.19 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.16 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

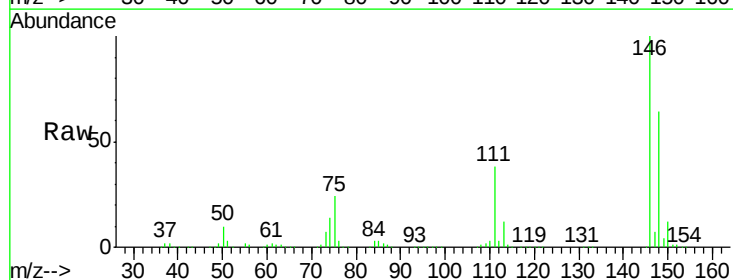
Tgt Ion:146 Resp: 595845

Ion Ratio Lower Upper

146 100

148 64.5 52.7 79.1

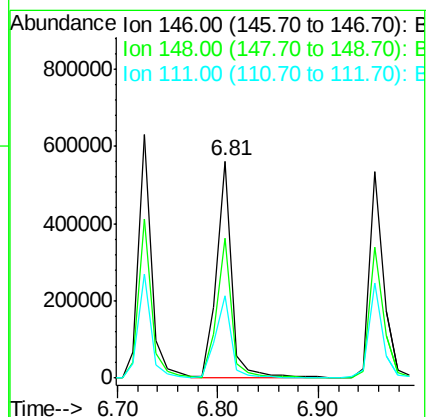
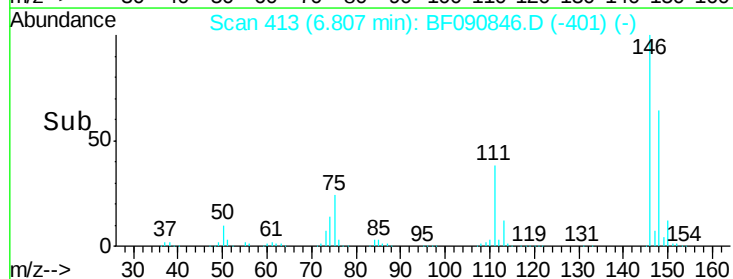
111 37.9 28.8 43.2

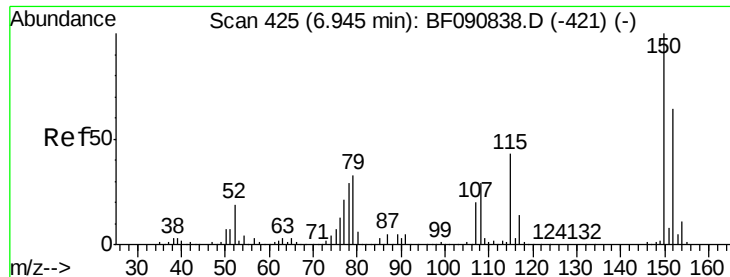


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

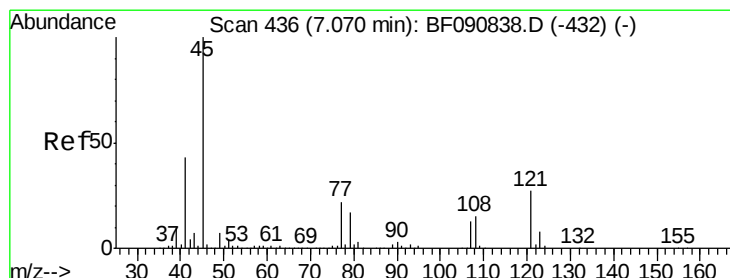
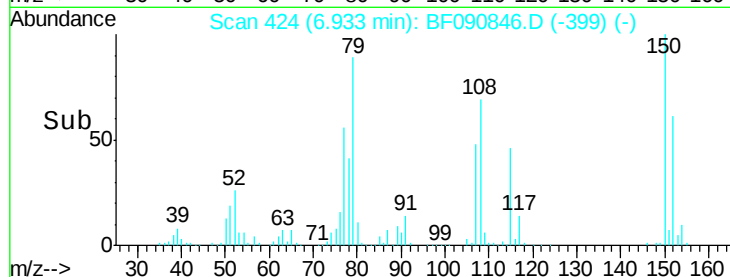
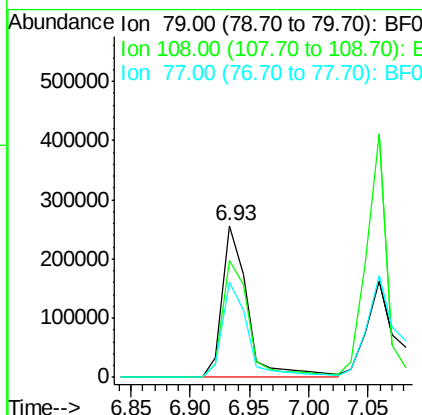
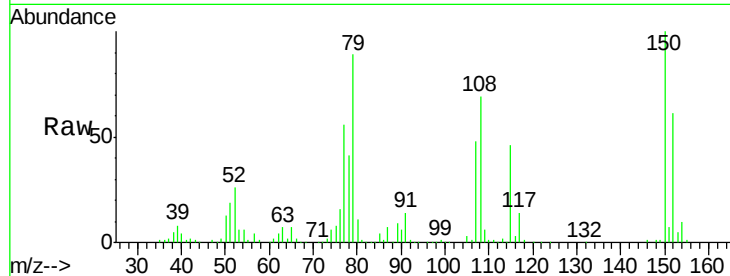




#15  
Benzyl Alcohol  
Concen: 45.77 ng  
RT: 6.93 min Scan# 424  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

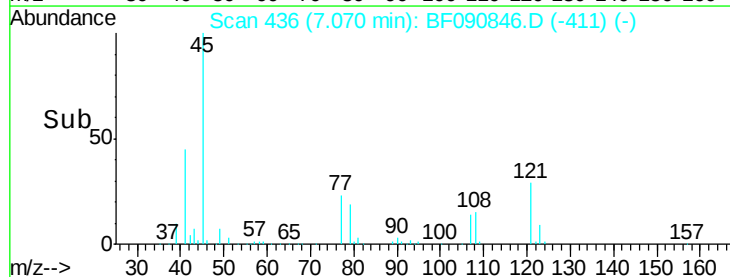
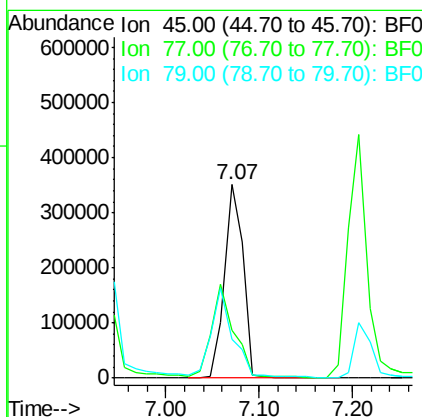
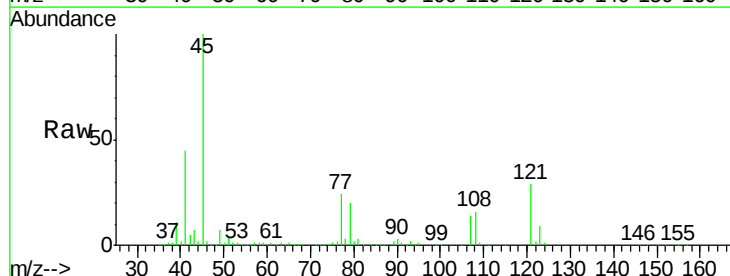
Instrument :  
BNA\_F  
ClientSampleId :

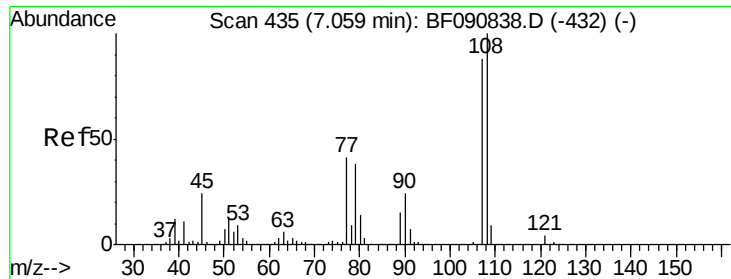
Tgt Ion: 79 Resp: 378474  
Ion Ratio Lower Upper  
79 100  
108 77.5 88.6 132.8#  
77 62.7 47.0 70.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.99 ng  
RT: 7.07 min Scan# 436  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

Tgt Ion: 45 Resp: 491105  
Ion Ratio Lower Upper  
45 100  
77 24.5 0.0 28.1  
79 20.2 0.0 26.0

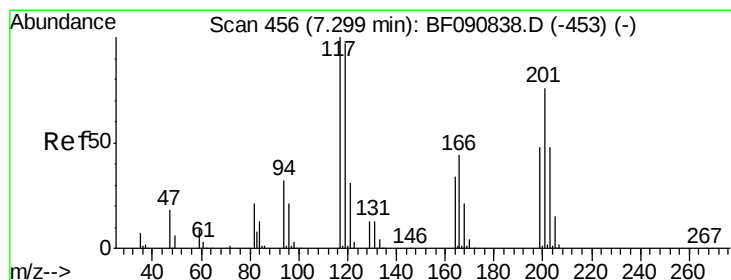
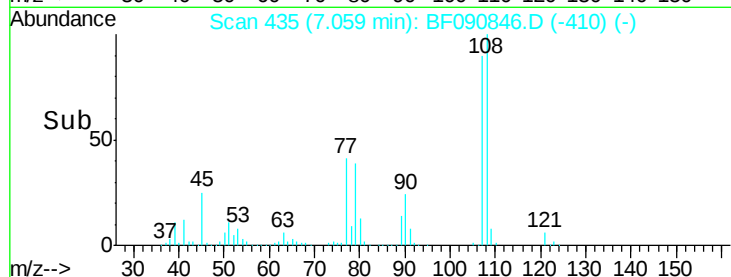
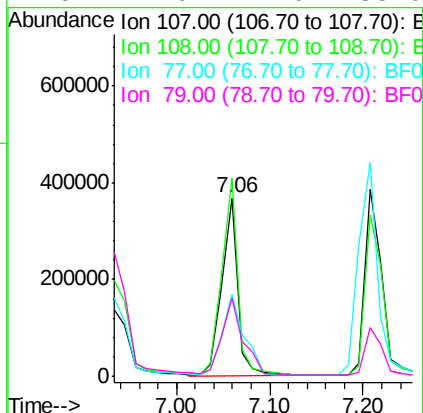
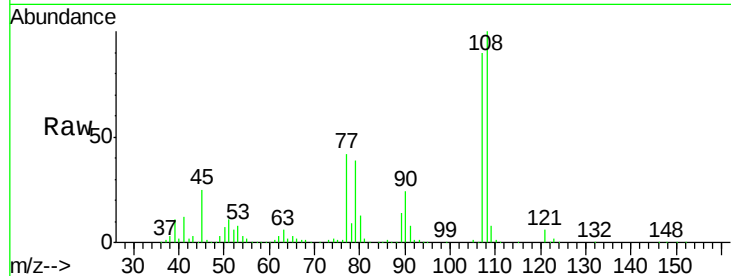




#17  
2-Methylphenol  
Concen: 50.19 ng  
RT: 7.06 min Scan# 435  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

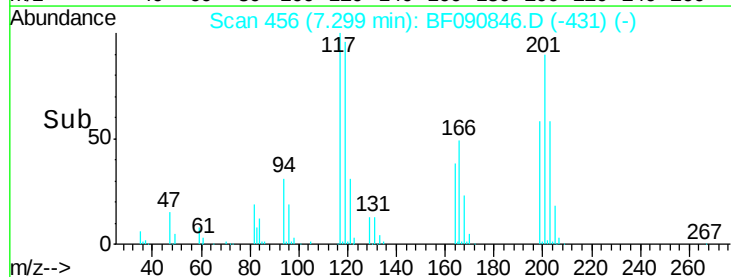
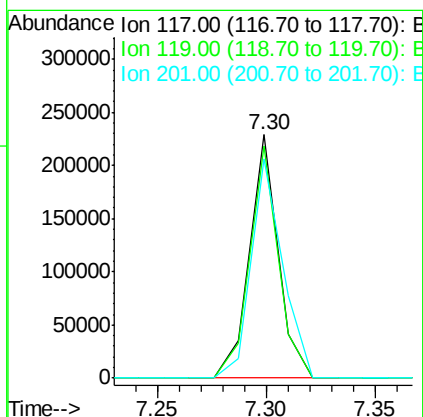
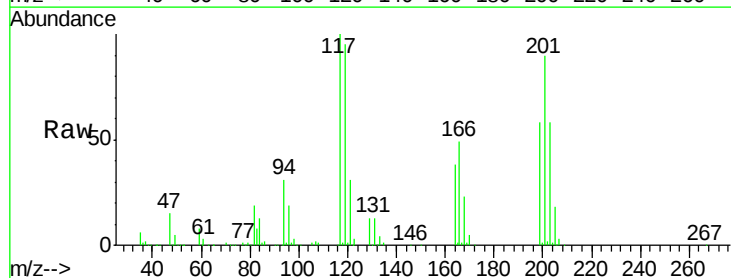
Instrument :  
BNA\_F  
ClientSampleId :

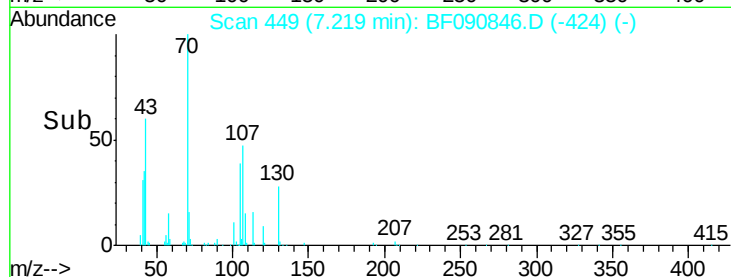
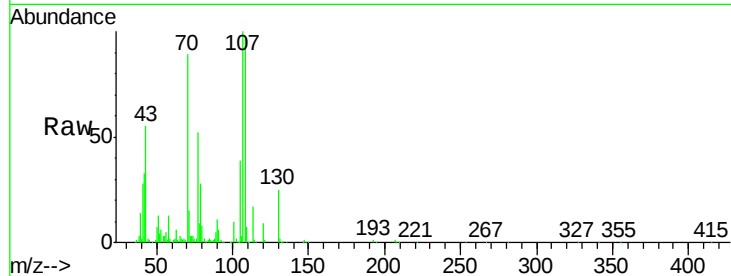
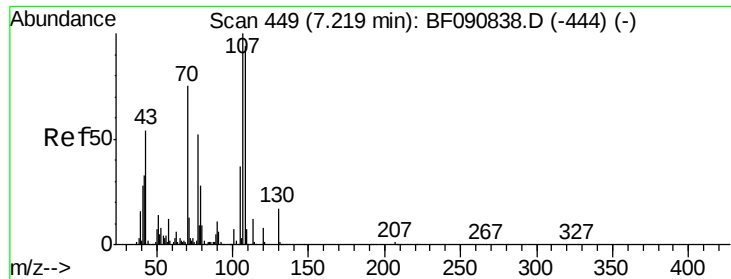
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.5 | 96.6  | 145.0 |
| 77      | 46.3  | 23.3  | 34.9# |
| 79      | 44.0  | 22.0  | 33.0# |



#18  
Hexachloroethane  
Concen: 46.59 ng  
RT: 7.30 min Scan# 456  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.4  | 83.8  | 125.6 |
| 201     | 90.3  | 55.1  | 82.7# |

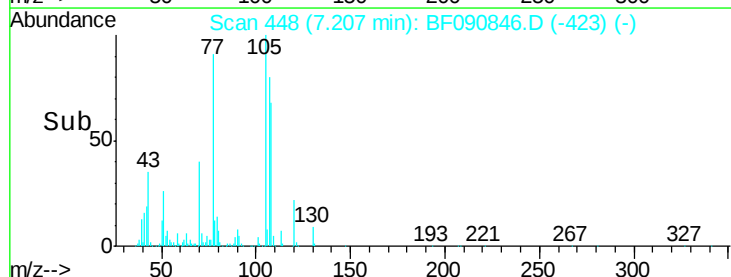
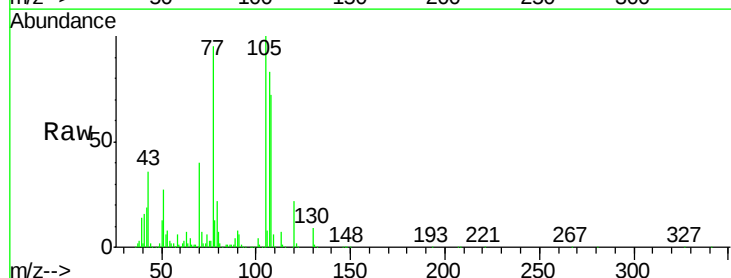
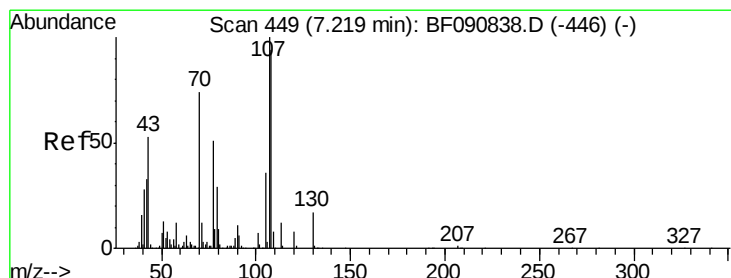
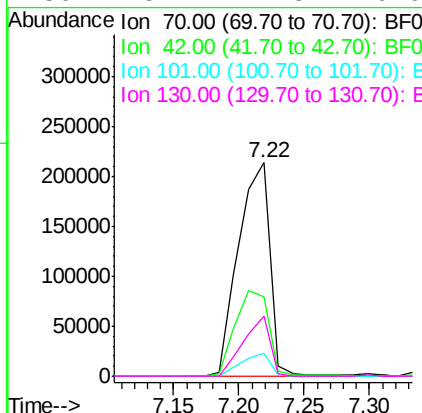




#19  
n-Nitroso-di-n-propylamine  
Concen: 49.34 ng  
RT: 7.22 min Scan# 449  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

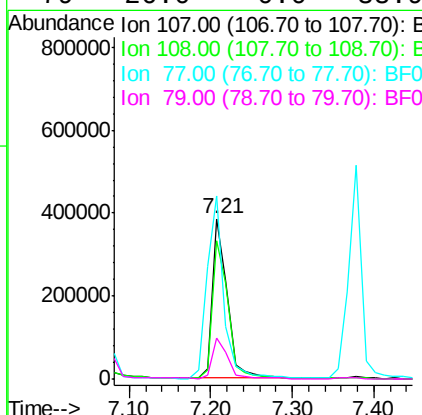
Instrument :  
BNA\_F  
ClientSampleId :

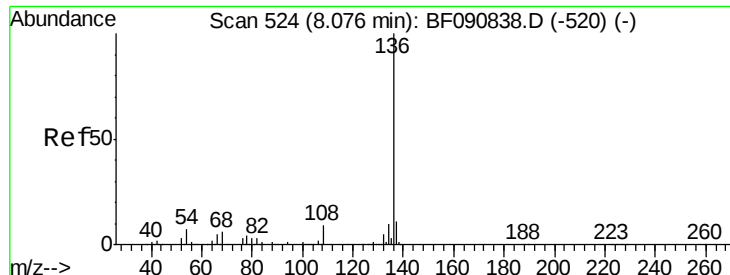
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 359129 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 37.0  | 63.8  | 95.6#  |
| 101      | 10.9  | 9.2   | 13.8   |
| 130      | 28.1  | 27.3  | 40.9   |



#20  
3+4-Methylphenols  
Concen: 49.04 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 497222 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.5  | 74.6  | 114.6  |
| 77       | 114.3 | 0.7   | 40.7#  |
| 79       | 26.0  | 0.0   | 38.9   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampled :

Tgt Ion:136 Resp: 774711

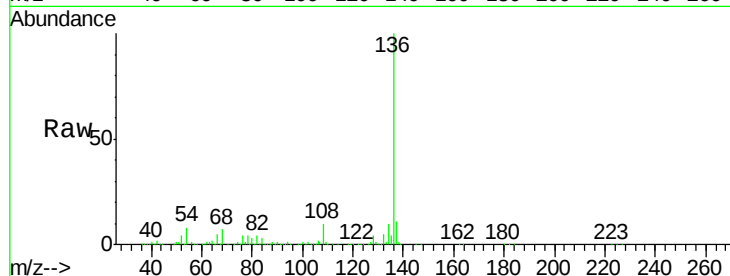
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.2 8.2 12.2

68 7.2 5.8 8.6

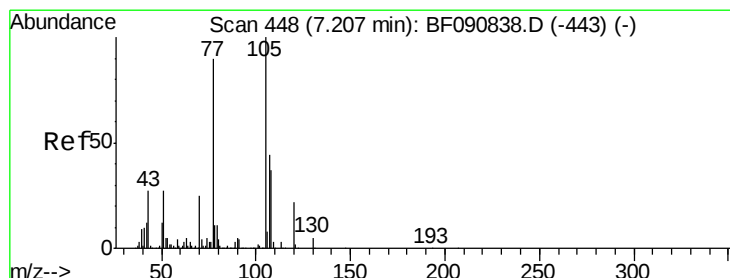
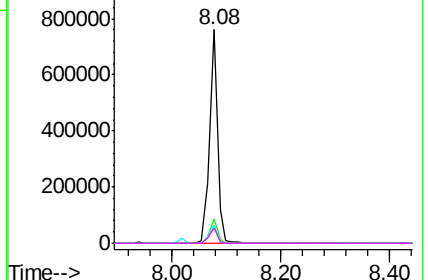
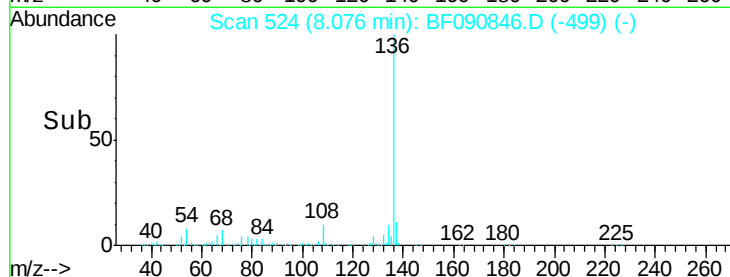


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.34 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Tgt Ion:105 Resp: 690711

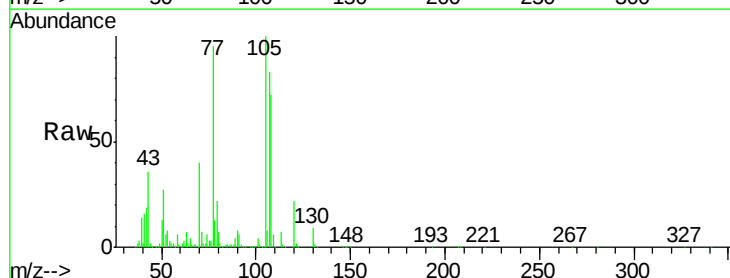
Ion Ratio Lower Upper

105 100

71 6.5 4.7 7.1

51 27.4 22.0 33.0

120 22.3 30.1 45.1#

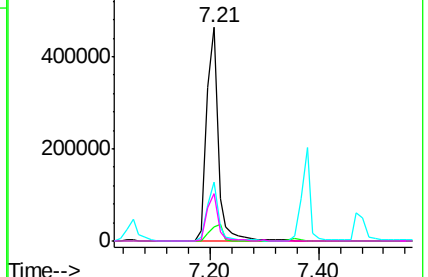
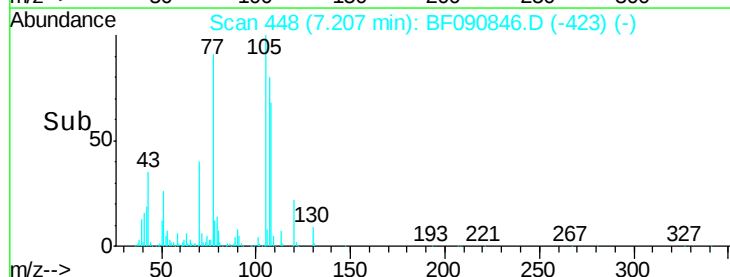


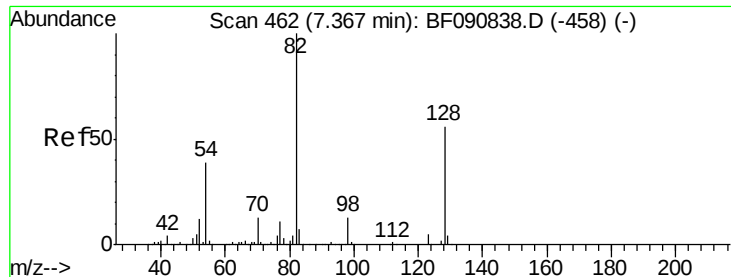
Abundance Ion 105.00 (104.70 to 105.70): E

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

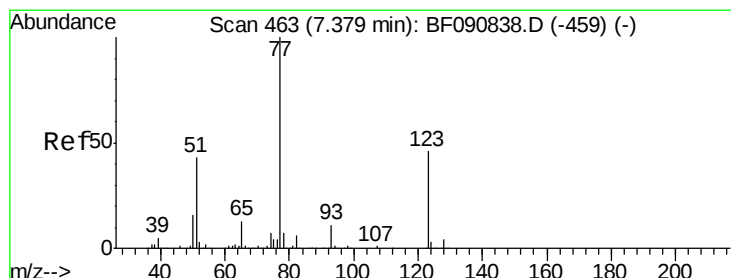
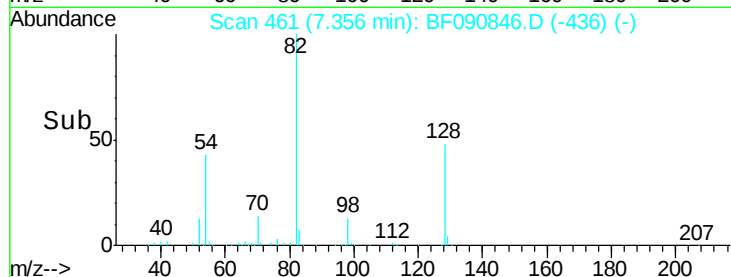
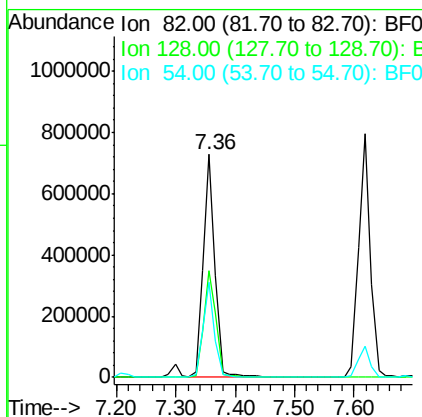
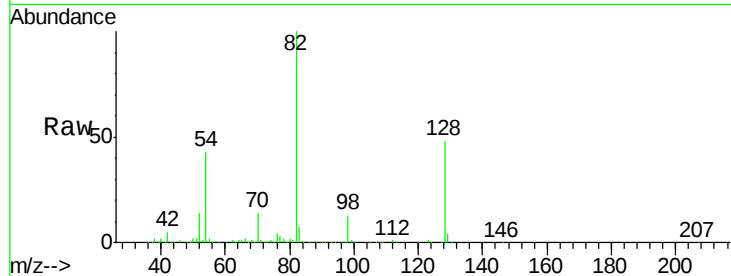




#23  
 Nitrobenzene-d5  
 Concen: 87.26 ng  
 RT: 7.36 min Scan# 461  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

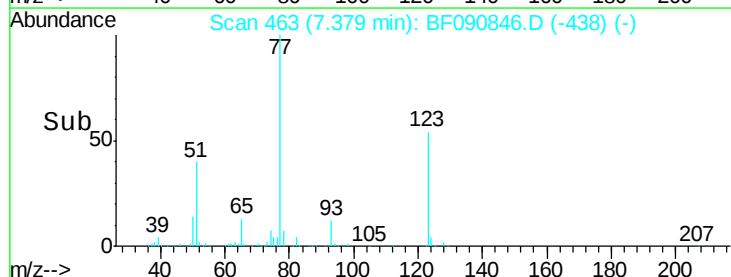
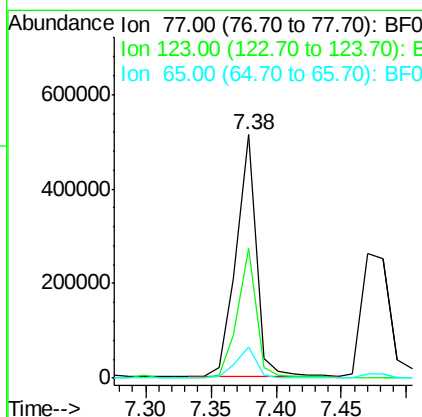
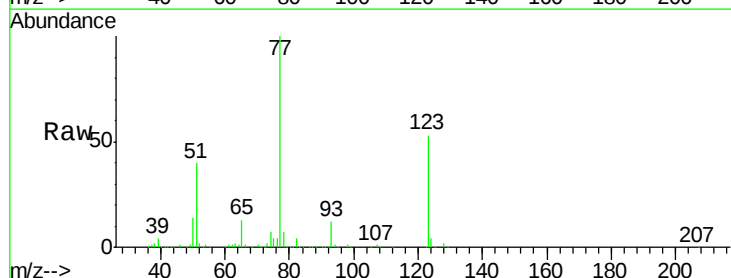
Instrument :  
 BNA\_F  
 ClientSampleId :

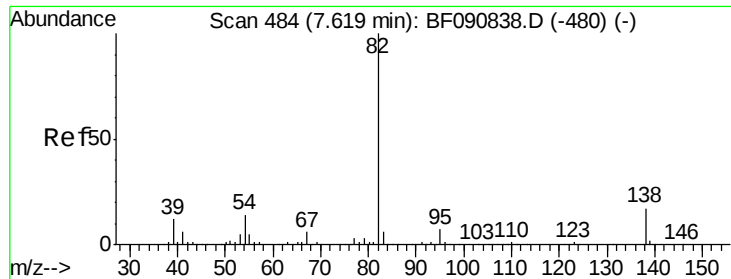
Tgt Ion: 82 Resp: 1032635  
 Ion Ratio Lower Upper  
 82 100  
 128 47.7 51.0 76.6#  
 54 42.9 47.5 71.3#



#24  
 Nitrobenzene  
 Concen: 44.55 ng  
 RT: 7.38 min Scan# 463  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion: 77 Resp: 557595  
 Ion Ratio Lower Upper  
 77 100  
 123 53.3 59.8 89.8#  
 65 12.8 10.2 15.4

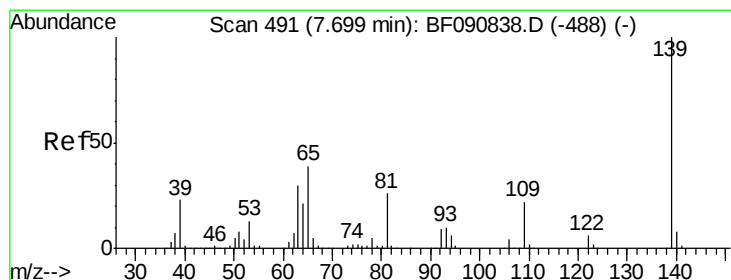
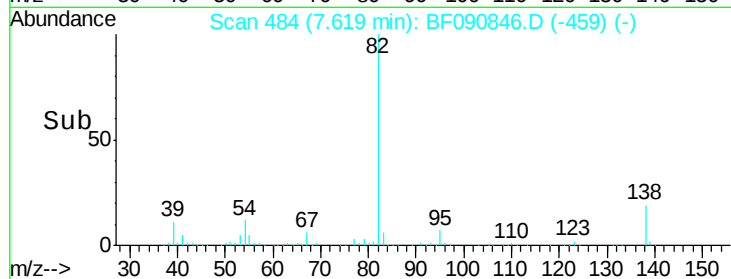
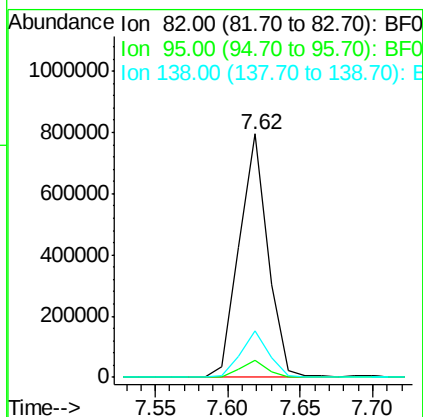
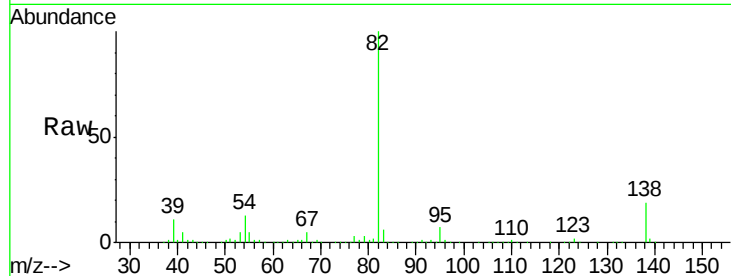




#25  
Isophorone  
Concen: 45.02 ng  
RT: 7.62 min Scan# 484  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

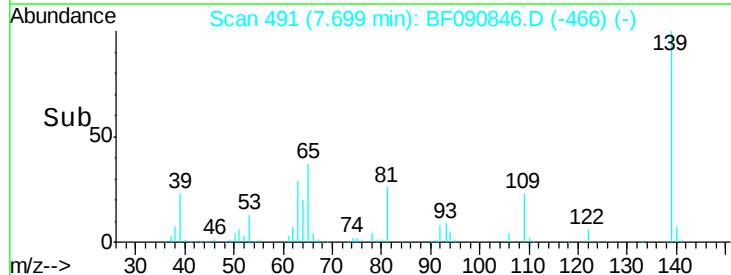
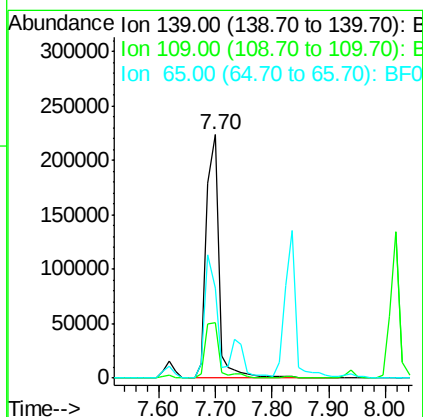
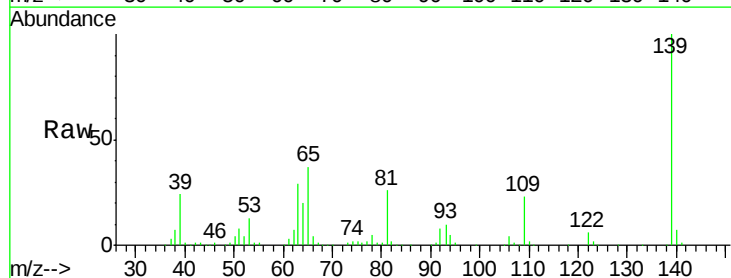
Instrument :  
BNA\_F  
ClientSampleId :

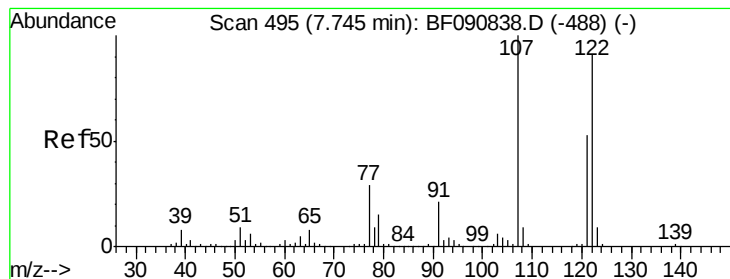
Tgt Ion: 82 Resp: 1081090  
Ion Ratio Lower Upper  
82 100  
95 7.0 4.0 6.0#  
138 19.0 18.3 27.5



#26  
2-Nitrophenol  
Concen: 48.83 ng  
RT: 7.70 min Scan# 491  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

Tgt Ion: 139 Resp: 327458  
Ion Ratio Lower Upper  
139 100  
109 22.5 11.0 16.4#  
65 37.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 50.32 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampled :

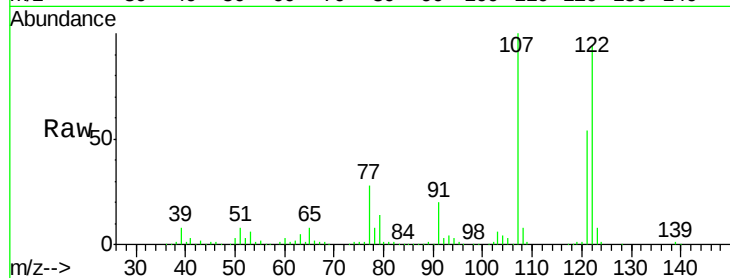
Tgt Ion:122 Resp: 546267

Ion Ratio Lower Upper

122 100

107 106.2 71.8 107.6

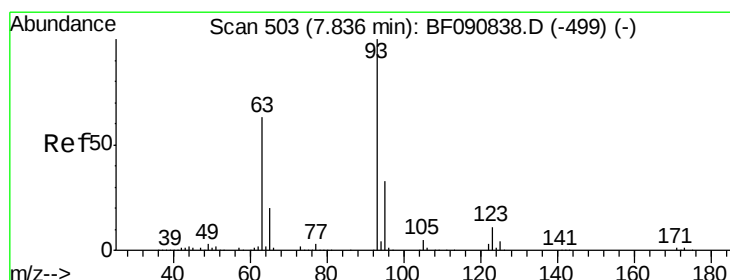
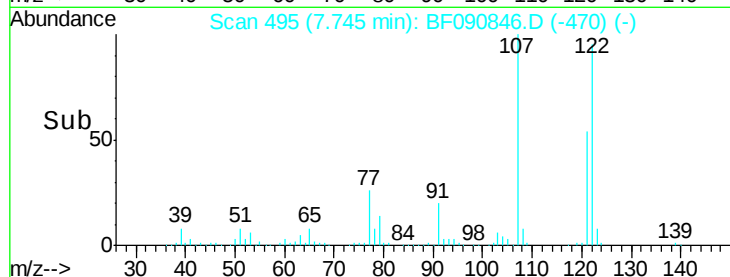
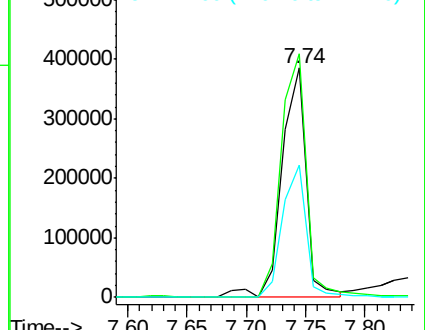
121 57.5 42.3 63.5



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: 58.97 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

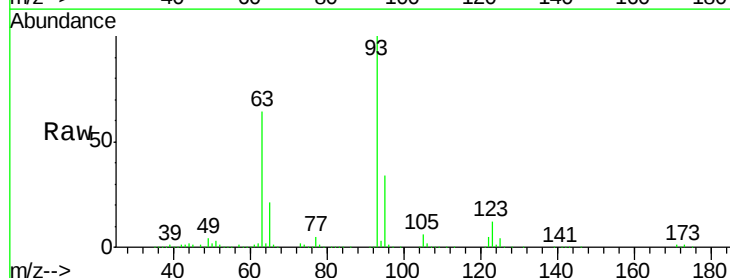
Tgt Ion: 93 Resp: 805446

Ion Ratio Lower Upper

93 100

95 33.8 27.5 41.3

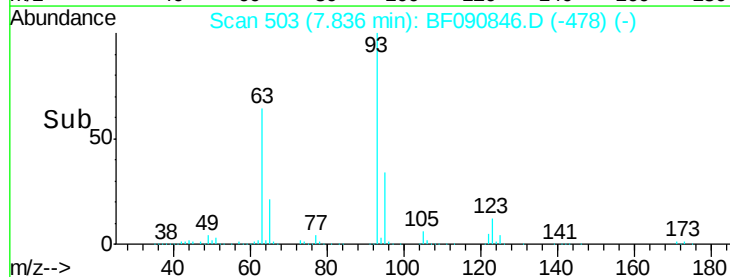
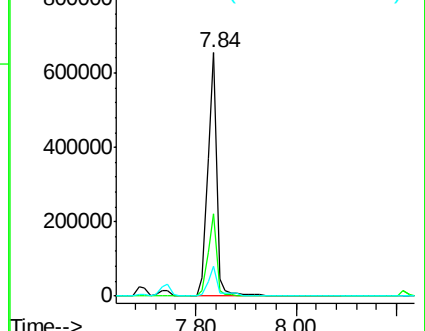
123 12.1 13.7 20.5#

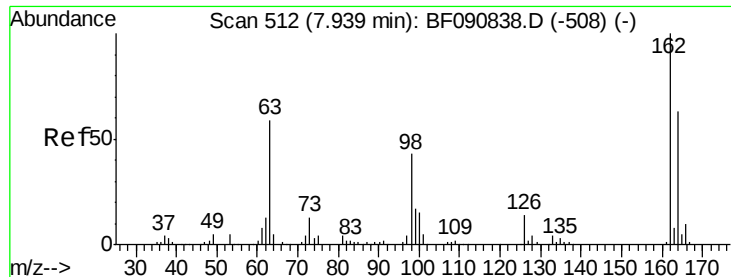


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

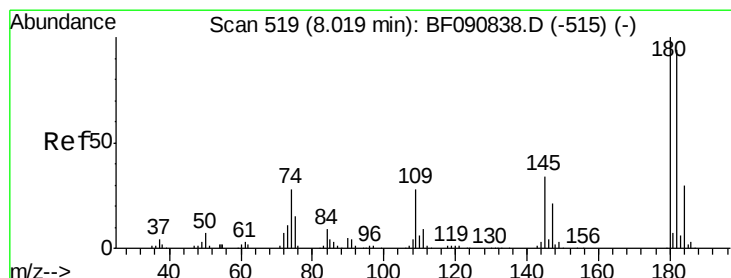
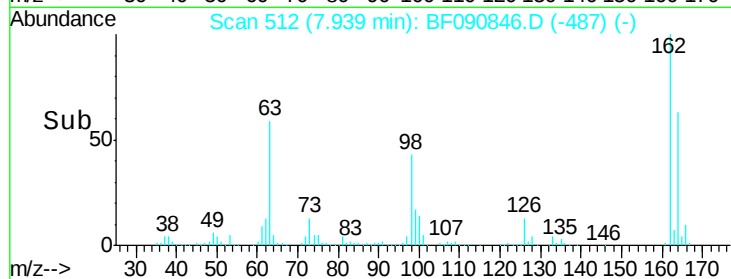
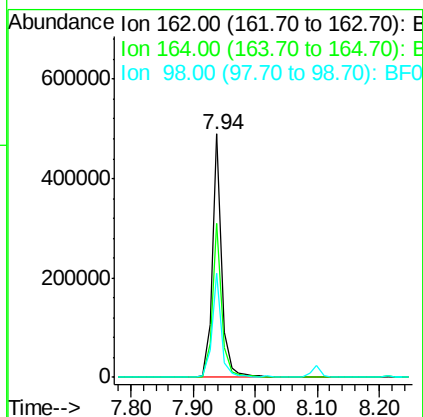
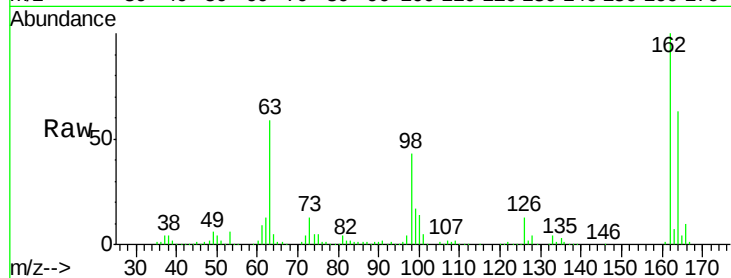




#29  
 2,4-Dichlorophenol  
 Concen: 50.61 ng  
 RT: 7.94 min Scan# 512  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

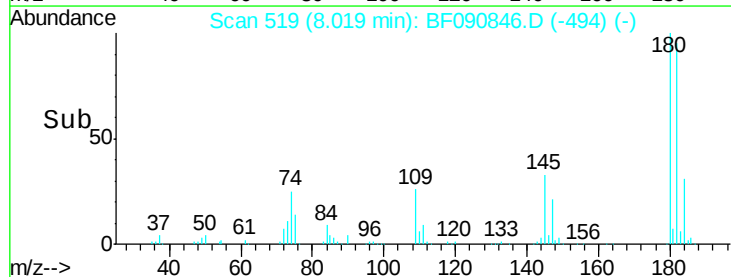
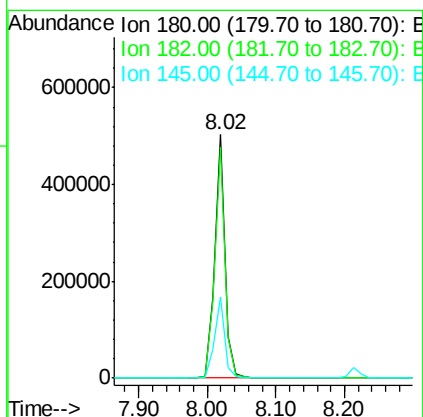
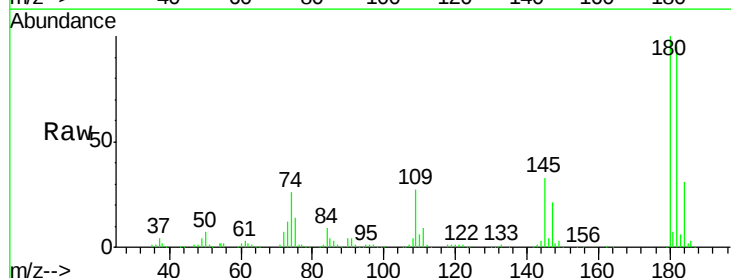
Instrument :  
 BNA\_F  
 ClientSampleId :

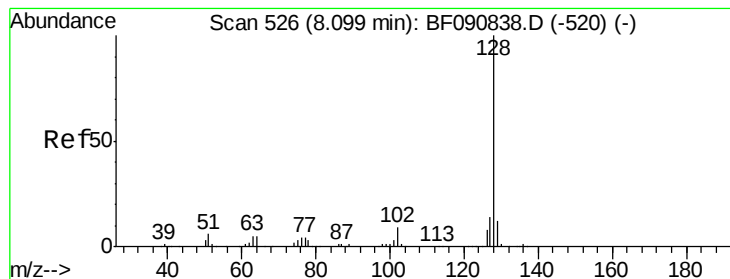
Tgt Ion:162 Resp: 508796  
 Ion Ratio Lower Upper  
 162 100  
 164 63.1 44.9 84.9  
 98 42.9 13.0 53.0



#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.84 ng  
 RT: 8.02 min Scan# 519  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion:180 Resp: 532529  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 77.1 115.7  
 145 33.1 23.3 34.9





#31

Naphthalene

Concen: 49.50 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampled :

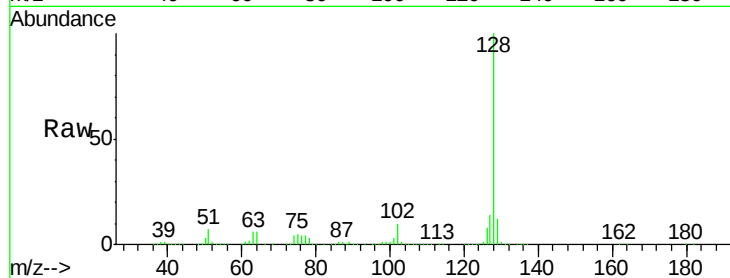
Tgt Ion:128 Resp: 1792784

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

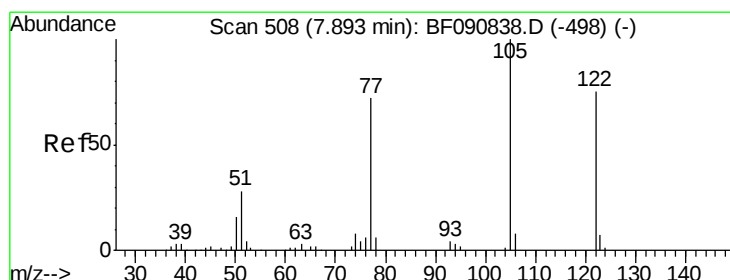
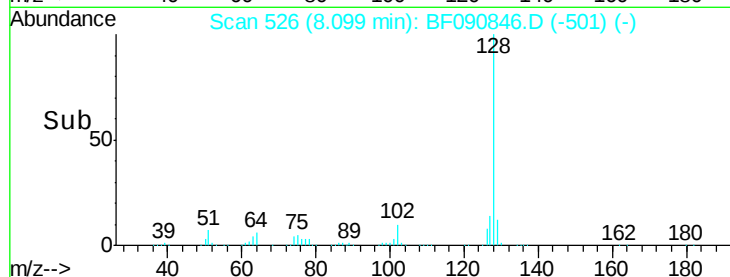
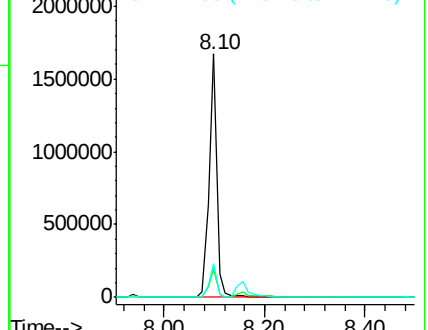
127 13.9 9.9 14.9



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: 34.86 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

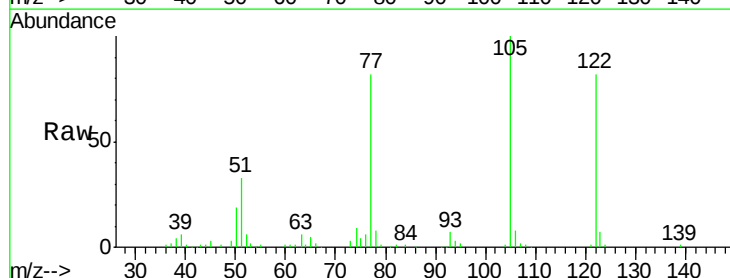
Tgt Ion:122 Resp: 274786

Ion Ratio Lower Upper

122 100

105 122.3 76.1 116.1#

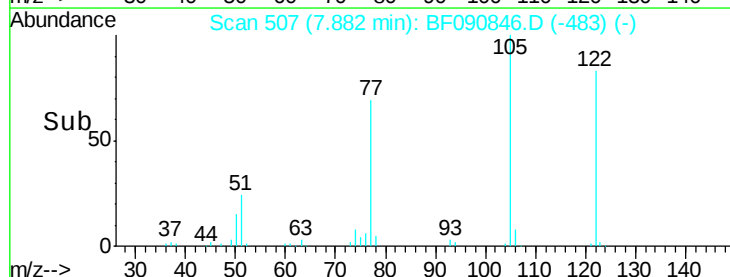
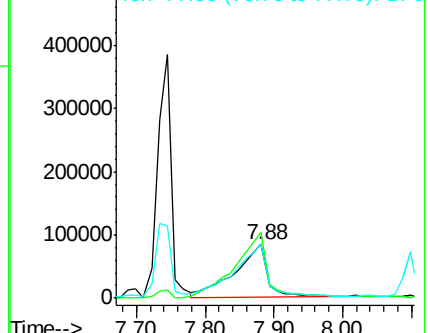
77 100.6 40.5 80.5#

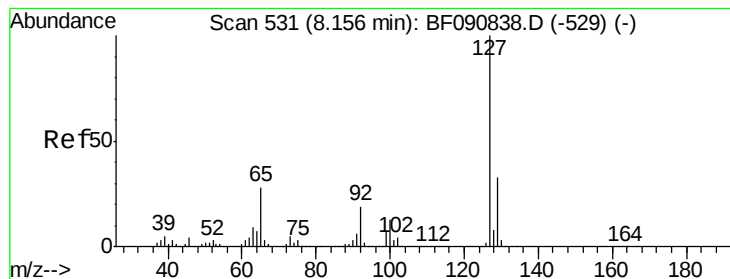


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 13.95 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF090846.D

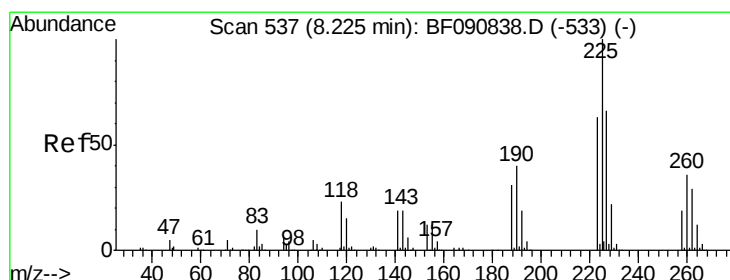
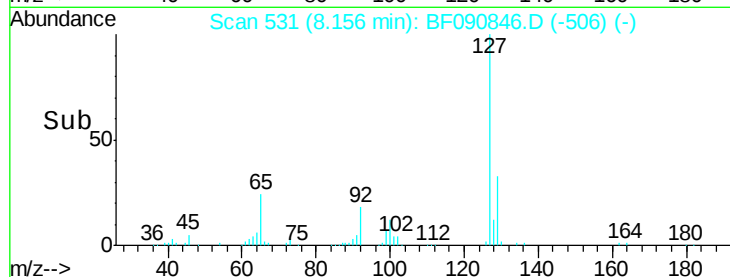
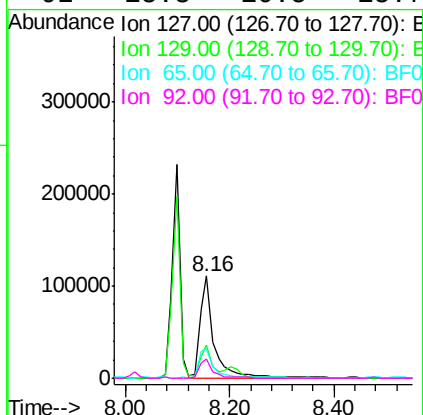
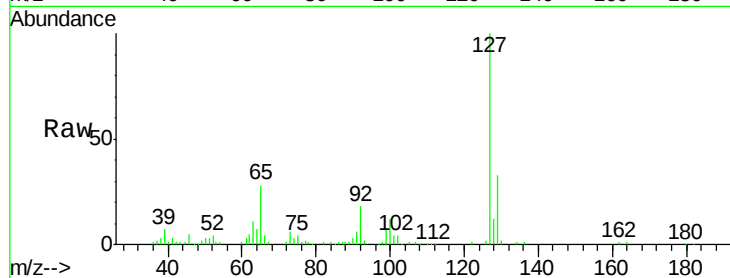
Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 204166 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 25.8  | 38.6   |
| 65       | 28.3  | 17.9  | 26.9#  |
| 92       | 18.3  | 10.5  | 15.7#  |



#34

Hexachlorobutadiene

Concen: 43.14 ng

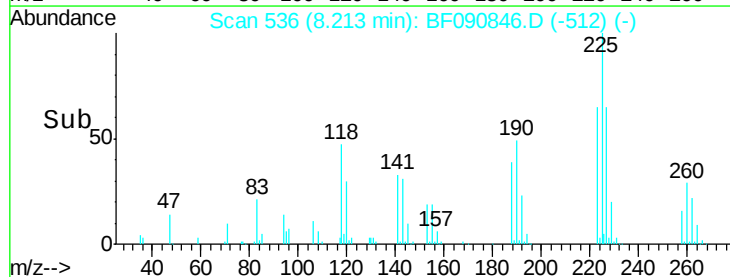
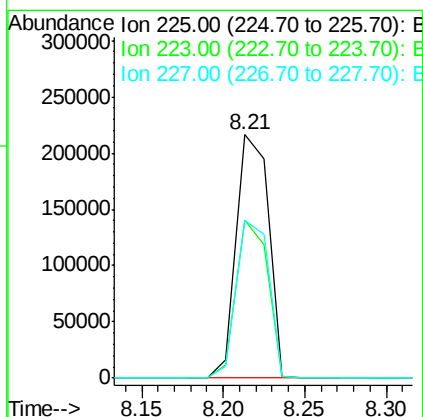
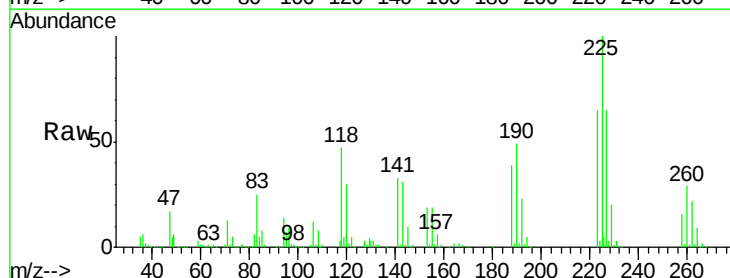
RT: 8.21 min Scan# 536

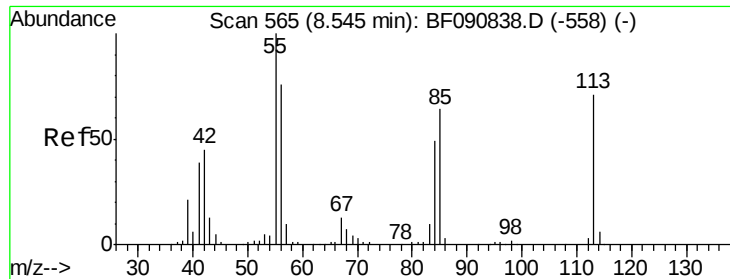
Delta R.T. -0.02 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 294705 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.9  | 50.2  | 75.2   |
| 227      | 64.7  | 52.2  | 78.2   |

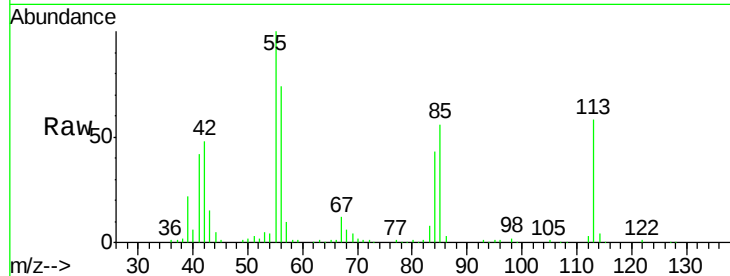




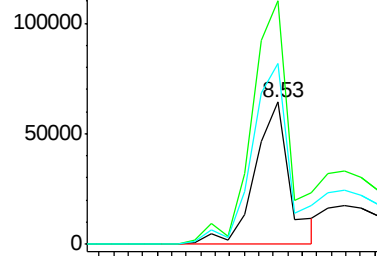
#35  
 Caprolactam  
 Concen: 34.06 ng  
 RT: 8.53 min Scan# 564  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Instrument :  
 BNA\_F  
 ClientSampleId :

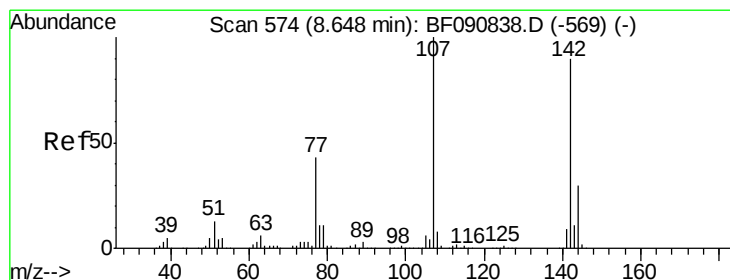
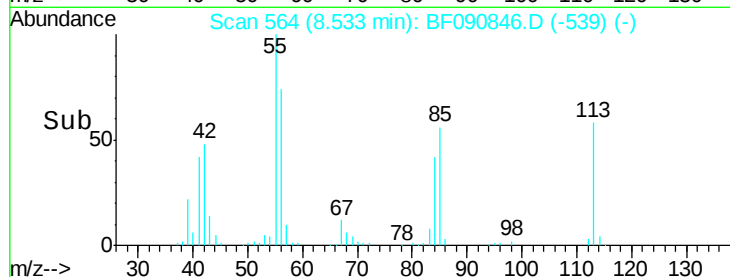
Tgt Ion:113 Resp: 106262  
 Ion Ratio Lower Upper  
 113 100  
 55 171.4 152.4 192.4  
 56 127.7 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E  
 150000  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

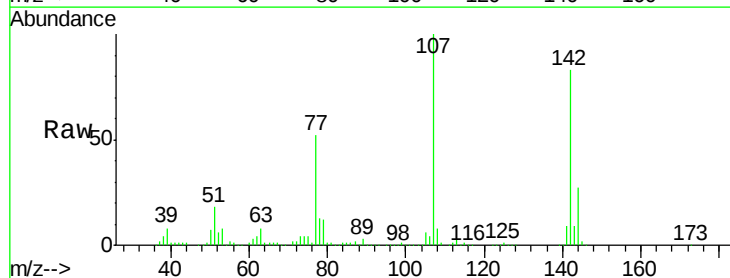


Time-->

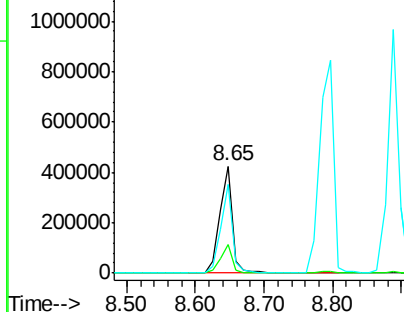


#36  
 4-Chloro-3-methylphenol  
 Concen: 50.92 ng  
 RT: 8.65 min Scan# 574  
 Delta R.T. -0.00 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

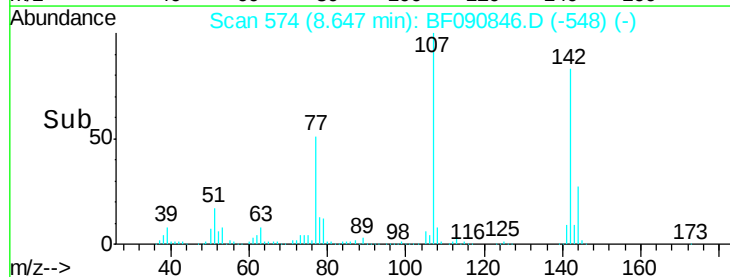
Tgt Ion:107 Resp: 556648  
 Ion Ratio Lower Upper  
 107 100  
 144 27.0 25.4 38.0  
 142 83.0 77.3 115.9

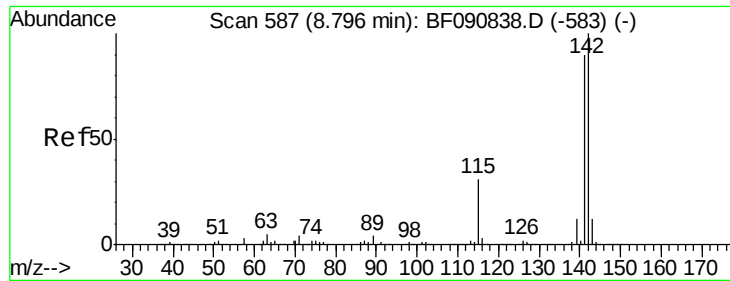


Abundance Ion 107.00 (106.70 to 107.70): E  
 1200000  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E



Time-->

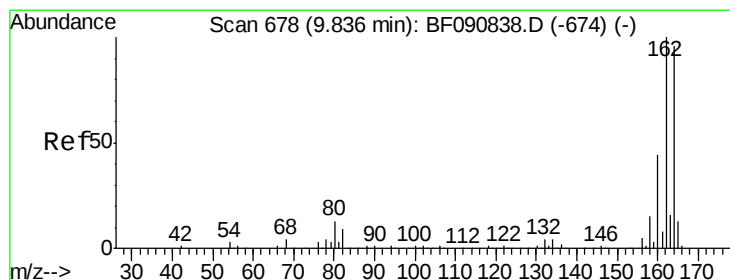
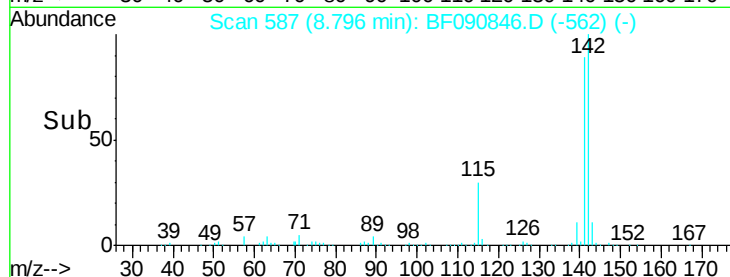
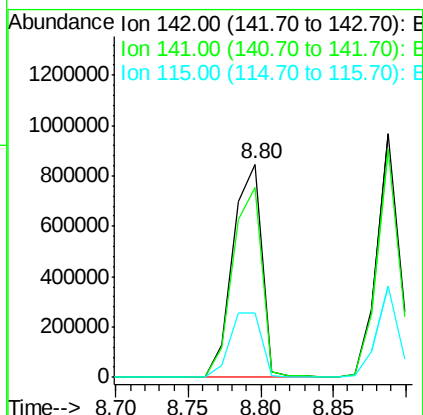
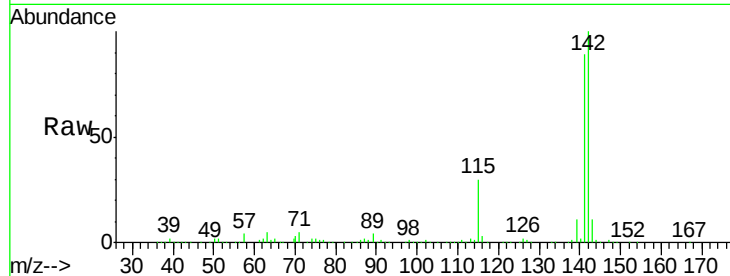




#37  
 2-Methylnaphthalene  
 Concen: 50.30 ng  
 RT: 8.80 min Scan# 587  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

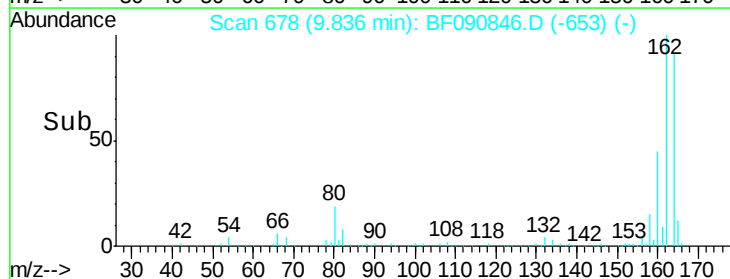
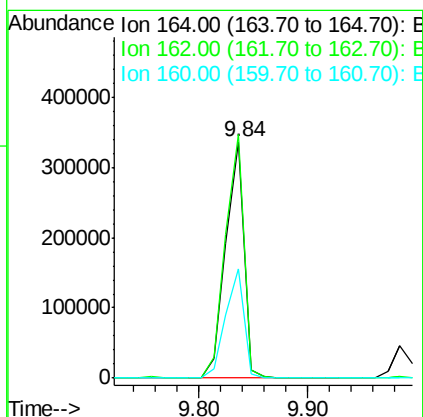
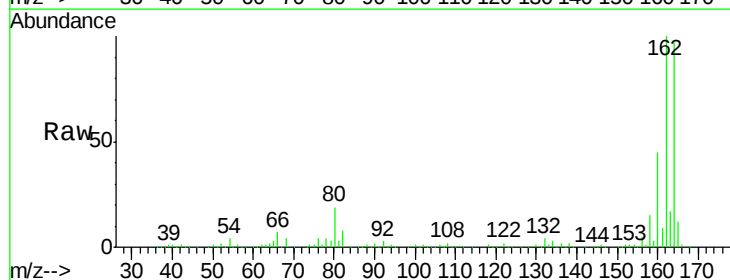
Instrument :  
 BNA\_F  
 ClientSampleId :

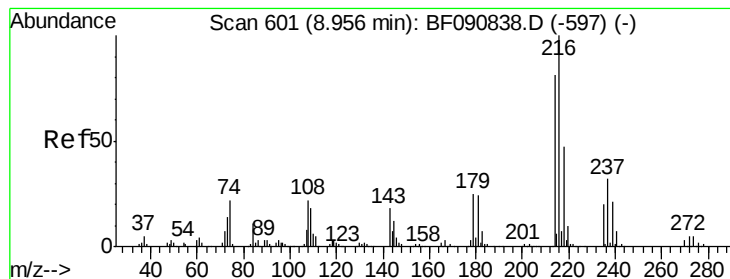
Tgt Ion:142 Resp: 1176548  
 Ion Ratio Lower Upper  
 142 100  
 141 89.3 67.5 101.3  
 115 30.3 18.2 27.2#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.84 min Scan# 678  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion:164 Resp: 393845  
 Ion Ratio Lower Upper  
 164 100  
 162 103.2 75.2 112.8  
 160 46.4 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.41 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:216 Resp: 501428

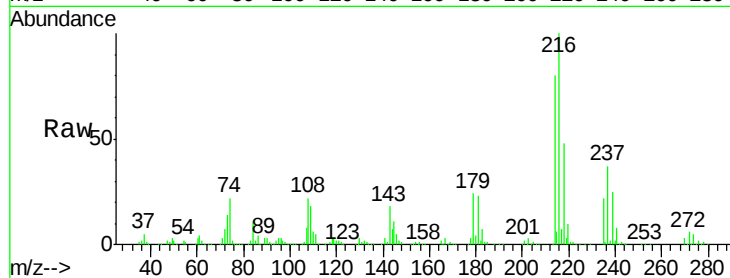
Ion Ratio Lower Upper

216 100

214 78.3 63.5 95.3

179 21.9 16.6 24.8

108 21.6 16.3 24.5

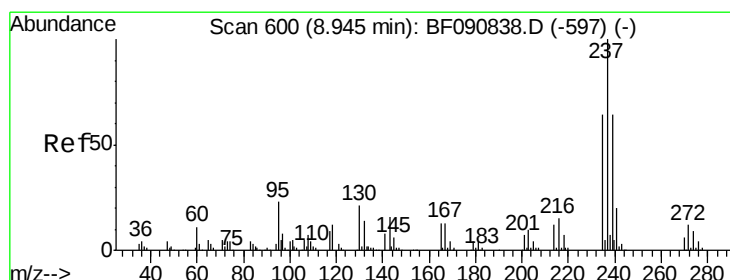
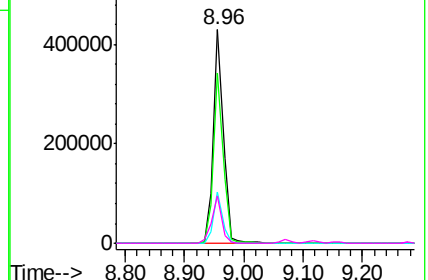
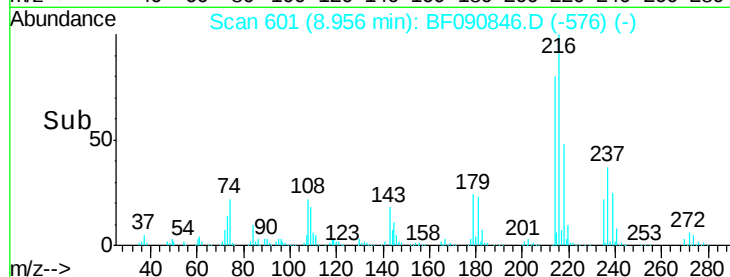


Abundance Ion 216.00 (215.70 to 216.70): E

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: 114.62 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

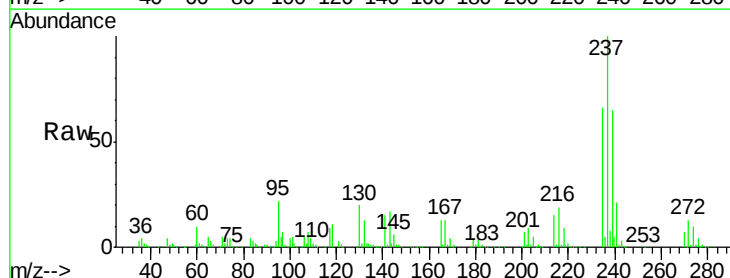
Tgt Ion:237 Resp: 569723

Ion Ratio Lower Upper

237 100

235 65.5 42.0 82.0

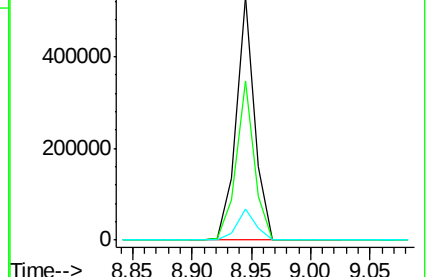
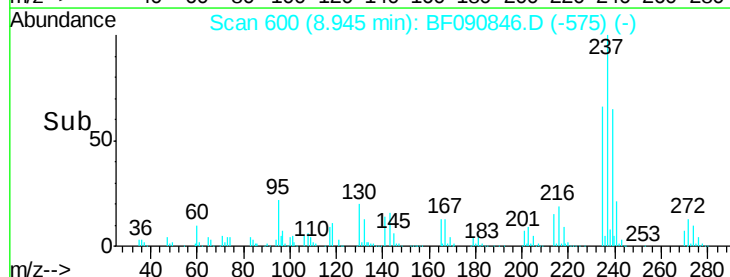
272 12.7 0.0 36.1

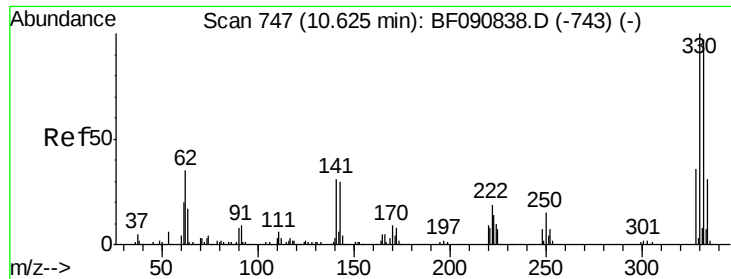


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

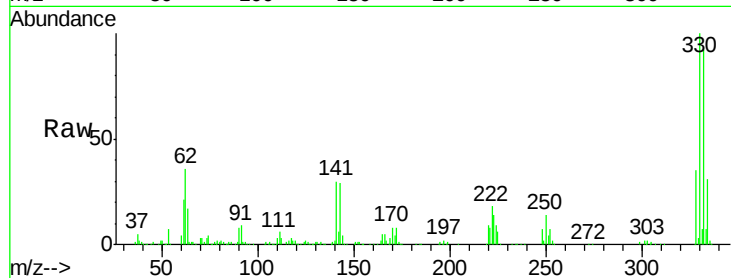




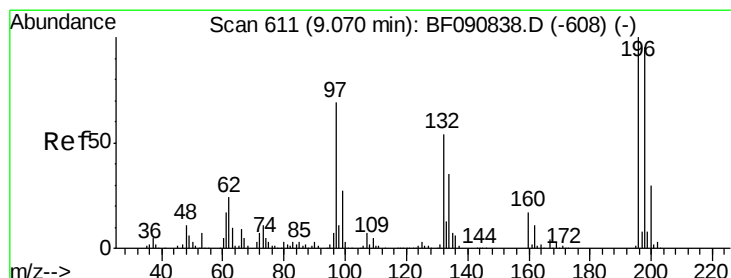
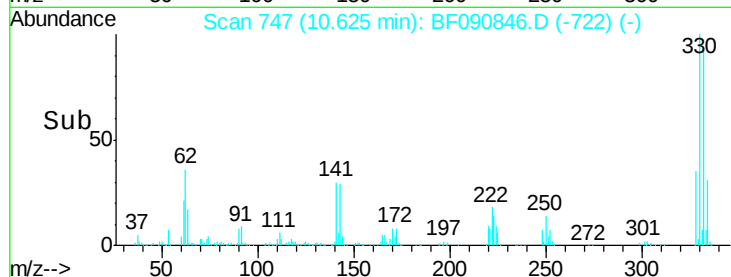
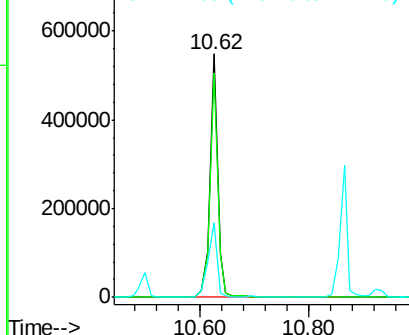
#41  
 2,4,6-Tribromophenol  
 Concen: 134.92 ng  
 RT: 10.62 min Scan# 747  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion:330 Resp: 546083  
 Ion Ratio Lower Upper  
 330 100  
 332 93.5 76.6 114.8  
 141 34.6 29.7 44.5

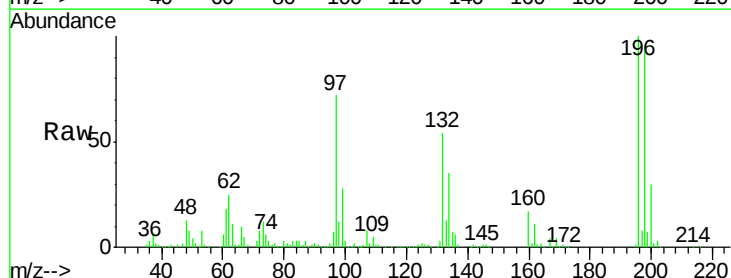


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

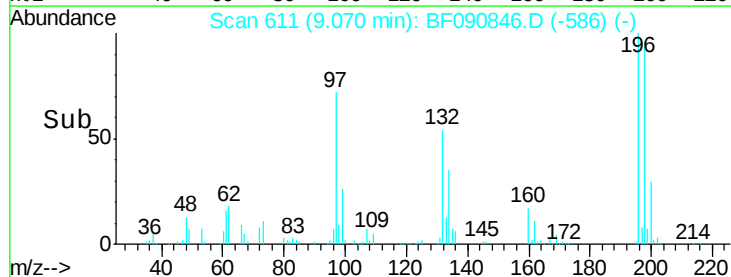
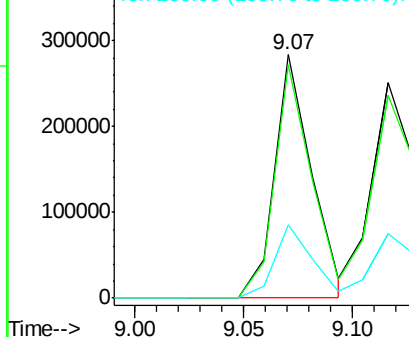


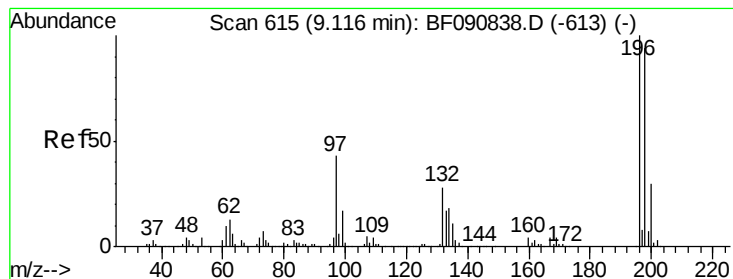
#42  
 2,4,6-Trichlorophenol  
 Concen: 48.45 ng  
 RT: 9.07 min Scan# 611  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion:196 Resp: 337944  
 Ion Ratio Lower Upper  
 196 100  
 198 95.7 75.7 113.5  
 200 30.1 23.9 35.9



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: 49.02 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF090846.D

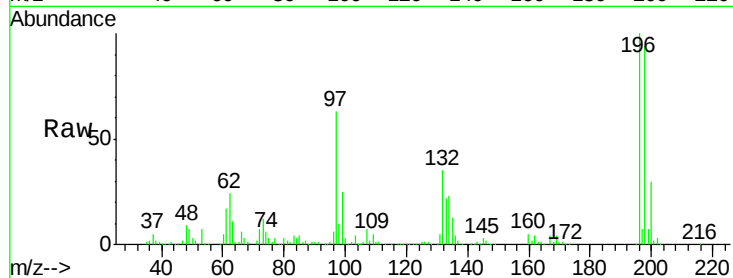
Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 352147 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.4  | 75.4  | 113.0  |
| 97        | 63.4  | 33.3  | 49.9#  |
| 132       | 35.3  | 24.6  | 37.0   |

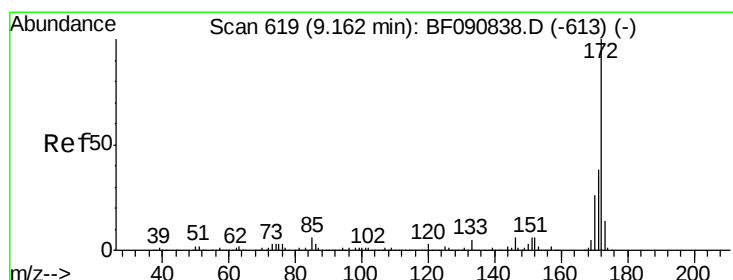
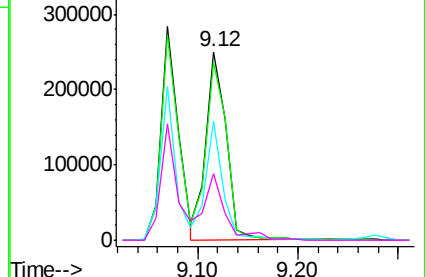
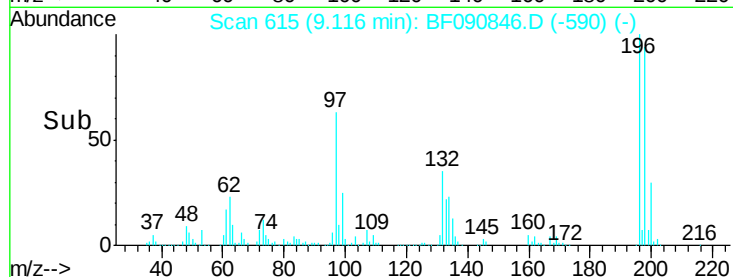


Abundance Ion 196.00 (195.70 to 196.70): E

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: 109.63 ng

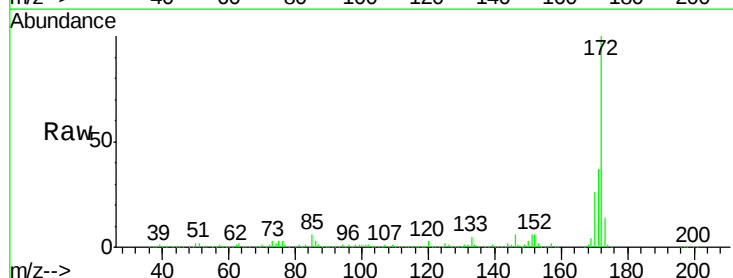
RT: 9.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

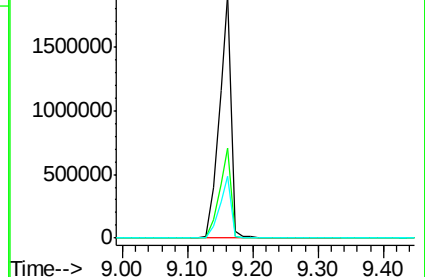
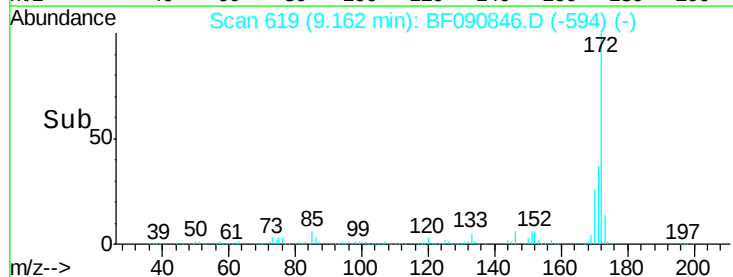
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 2458967 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 37.1  | 26.1  | 39.1    |
| 170       | 25.6  | 17.4  | 26.2    |

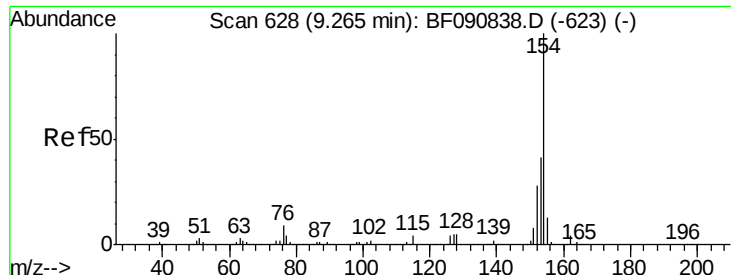


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

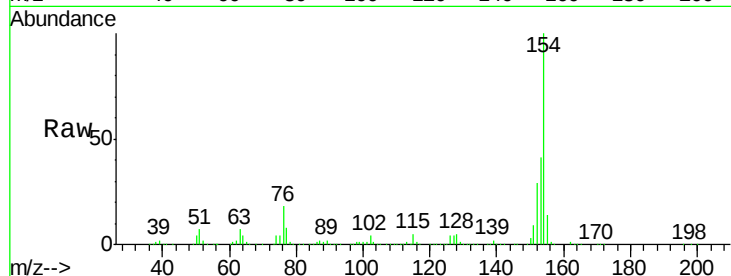




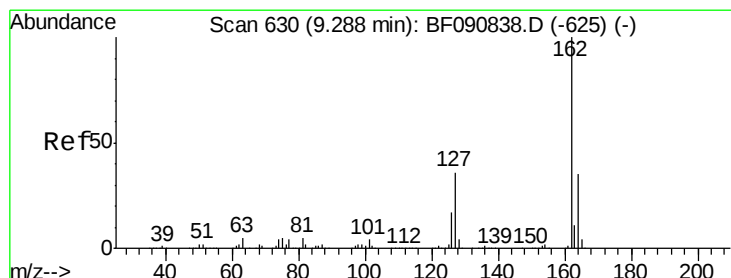
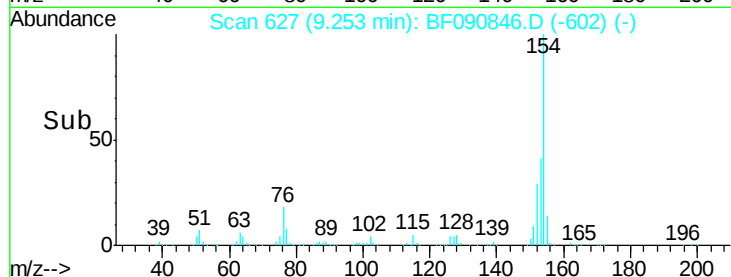
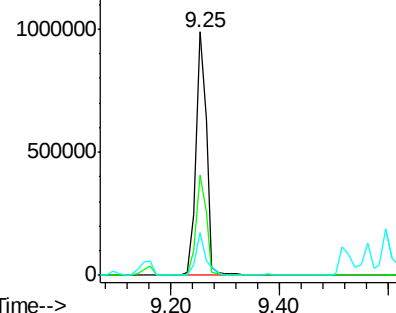
#45  
 1,1'-Biphenyl  
 Concen: 47.38 ng  
 RT: 9.25 min Scan# 627  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion:154 Resp: 1343971  
 Ion Ratio Lower Upper  
 154 100  
 153 41.1 17.1 57.1  
 76 17.7 0.0 31.6

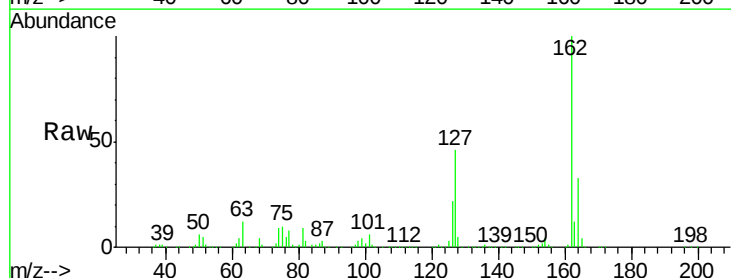


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

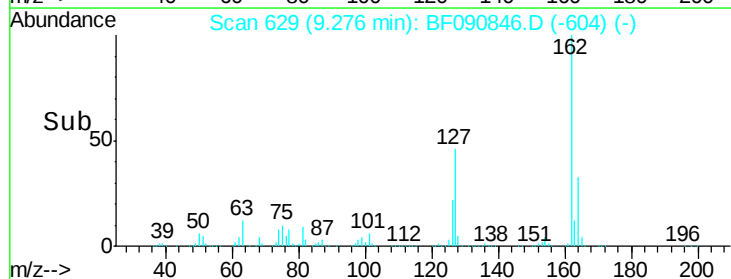
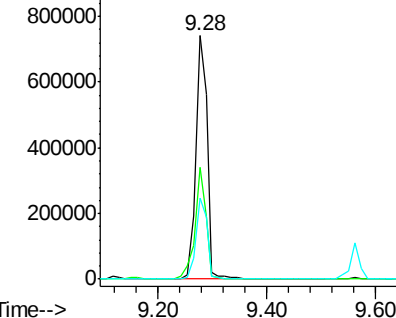


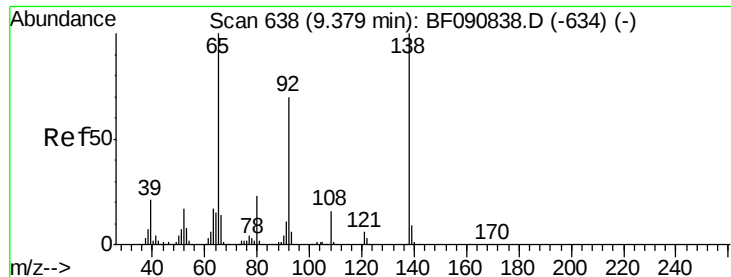
#46  
 2-Chloronaphthalene  
 Concen: 50.16 ng  
 RT: 9.28 min Scan# 629  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion:162 Resp: 1082434  
 Ion Ratio Lower Upper  
 162 100  
 127 45.9 27.6 41.4#  
 164 33.4 25.4 38.2



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

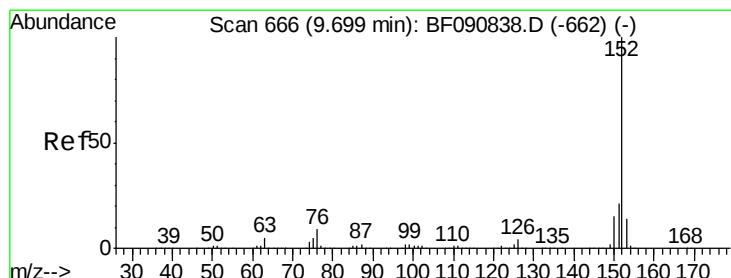
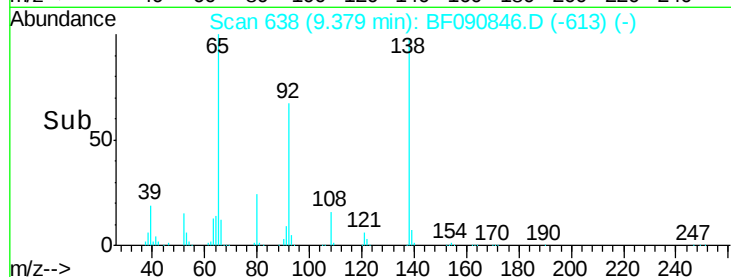
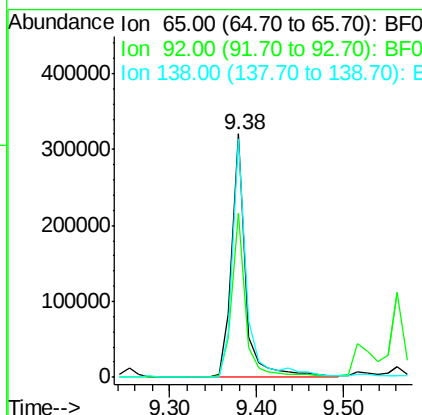
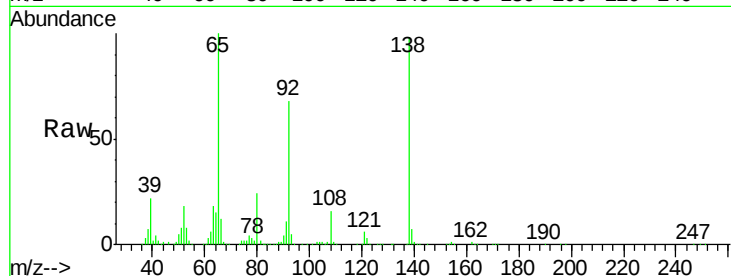




#47  
2-Nitroaniline  
Concen: 59.29 ng  
RT: 9.38 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

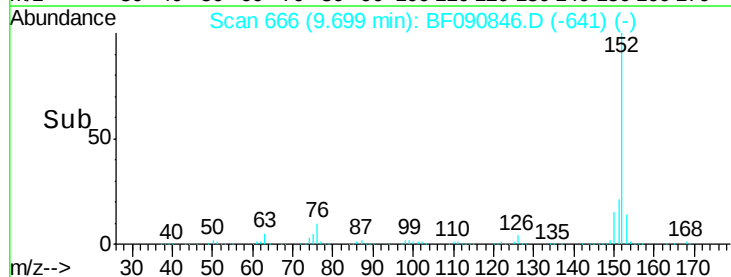
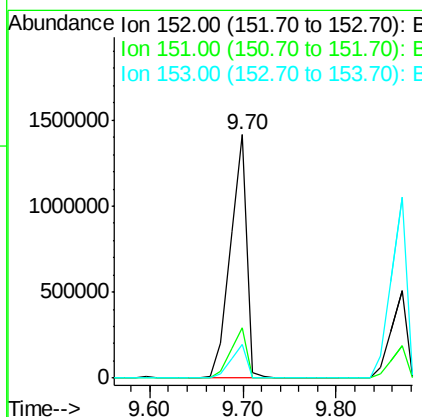
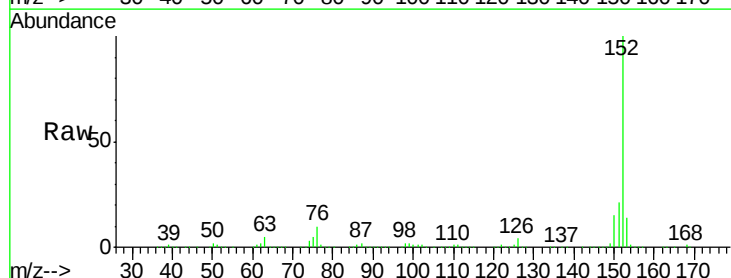
Instrument :  
BNA\_F  
ClientSampleId :

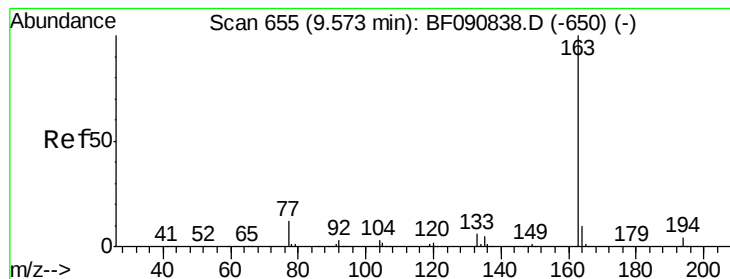
Tgt Ion: 65 Resp: 361033  
Ion Ratio Lower Upper  
65 100  
92 67.5 55.4 83.0  
138 98.2 115.5 173.3#



#48  
Acenaphthylene  
Concen: 52.93 ng  
RT: 9.70 min Scan# 666  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

Tgt Ion: 152 Resp: 1729430  
Ion Ratio Lower Upper  
152 100  
151 20.9 14.6 22.0  
153 13.7 10.3 15.5





#49

Dimethylphthalate

Concen: 44.84 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

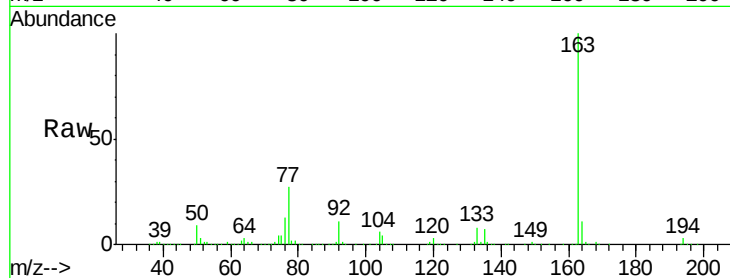
Tgt Ion:163 Resp: 1179998

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

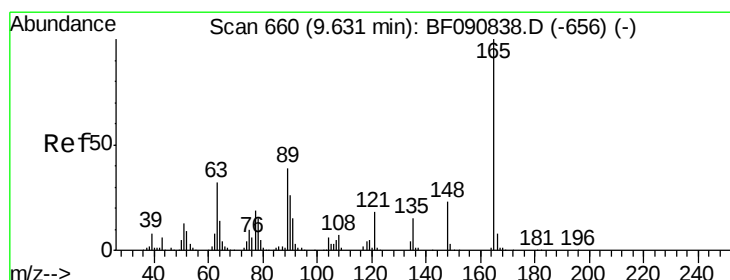
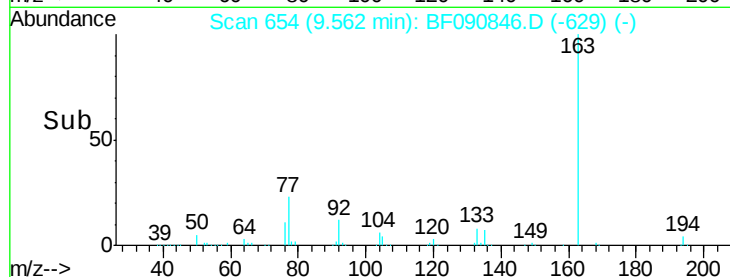
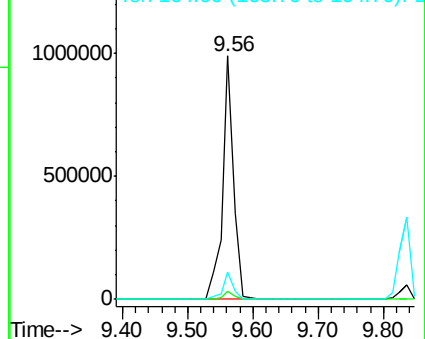
164 11.1 8.3 12.5



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: 46.47 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

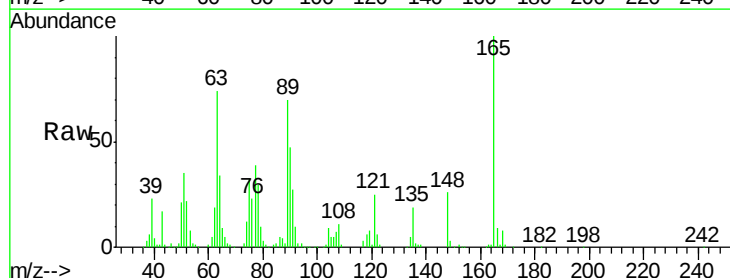
Tgt Ion:165 Resp: 270062

Ion Ratio Lower Upper

165 100

63 73.9 32.3 48.5#

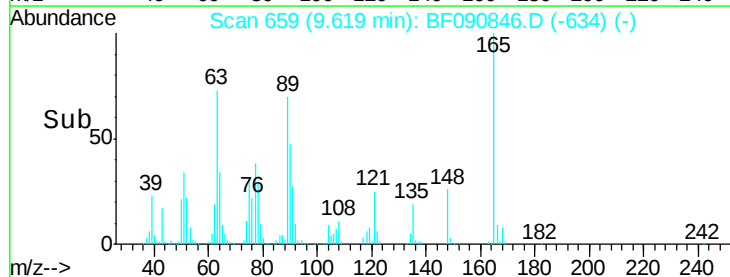
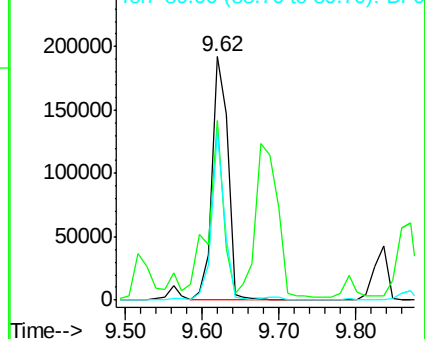
89 69.6 28.6 43.0#

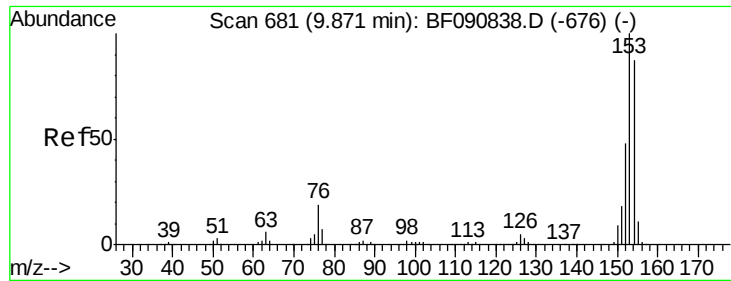


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 54.91 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

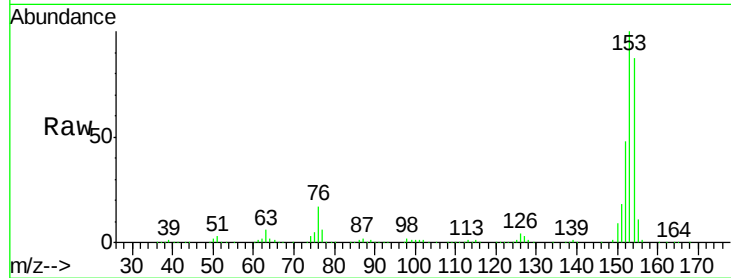
Tgt Ion:154 Resp: 1235675

Ion Ratio Lower Upper

154 100

153 115.1 82.1 123.1

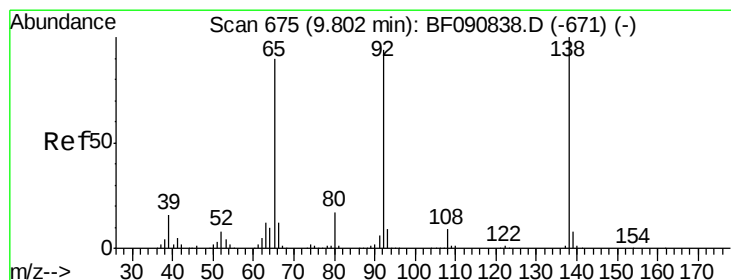
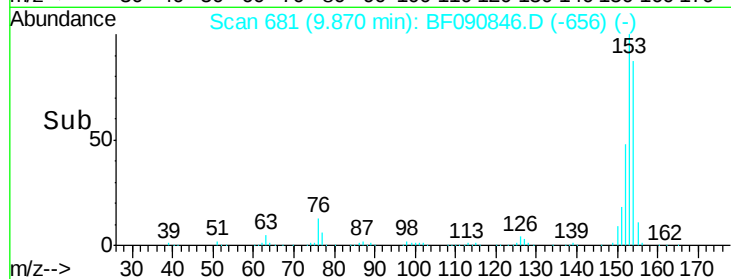
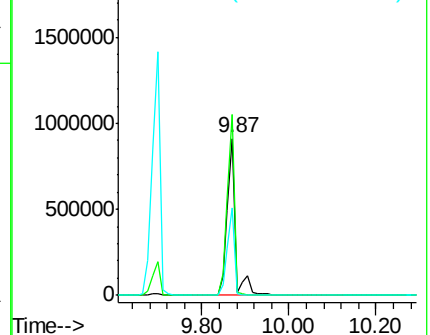
152 55.4 37.9 56.9



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: 19.84 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

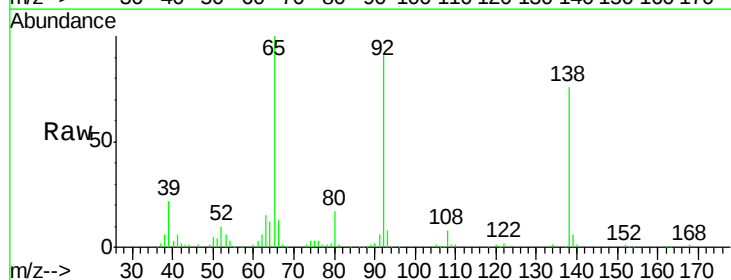
Tgt Ion:138 Resp: 122764

Ion Ratio Lower Upper

138 100

108 10.5 5.7 8.5#

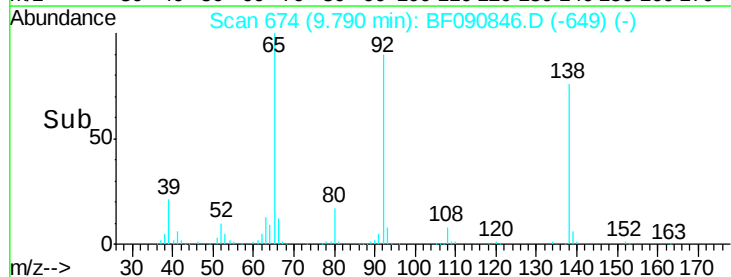
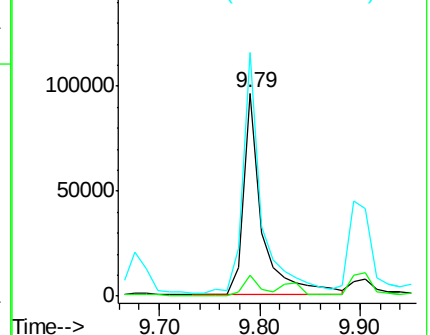
92 119.8 67.7 101.5#

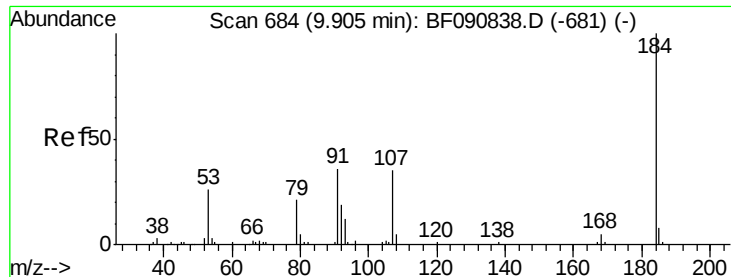


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

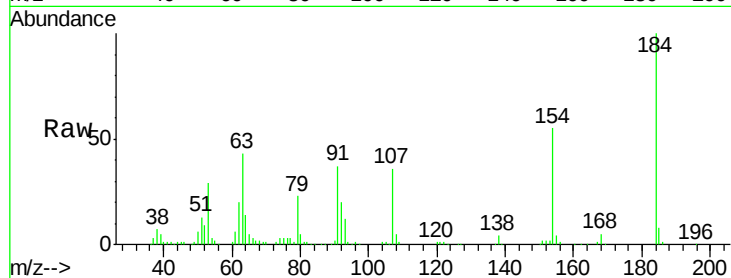




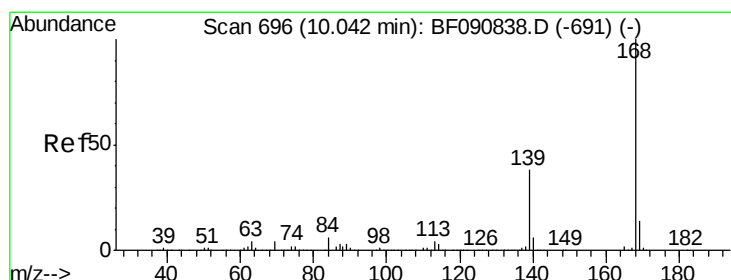
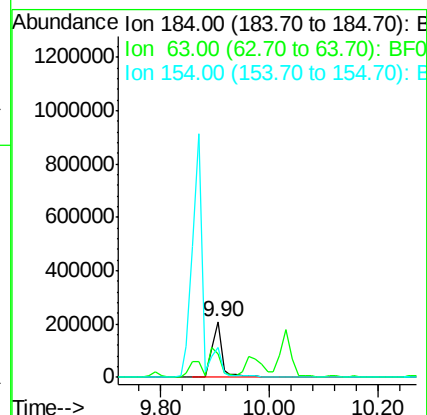
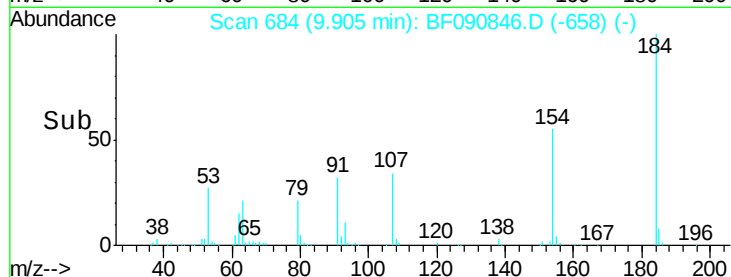
#53  
2,4-Dinitrophenol  
Concen: 90.33 ng  
RT: 9.90 min Scan# 684  
Delta R.T. -0.00 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:184 Resp: 276335  
Ion Ratio Lower Upper  
184 100  
63 42.6 35.4 53.2  
154 54.8 32.2 48.4#

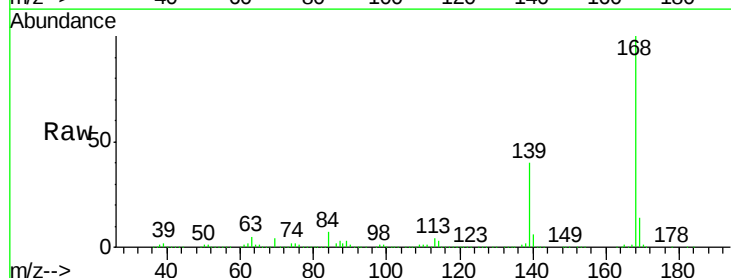


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

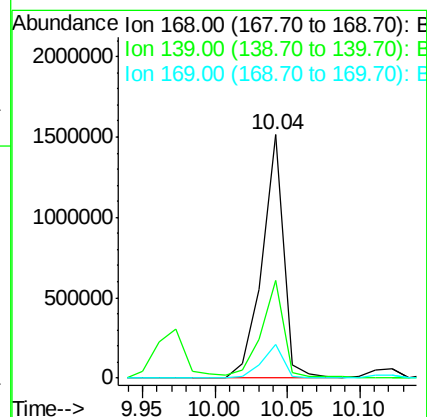
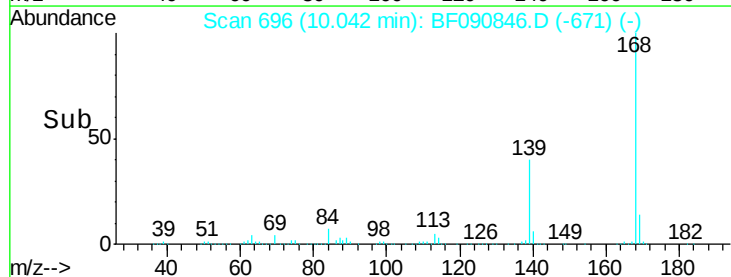


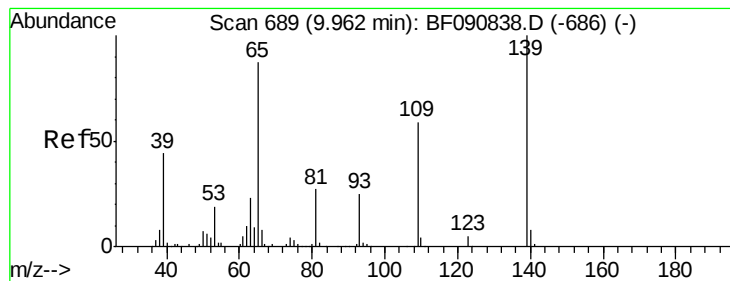
#54  
Dibenzofuran  
Concen: 53.71 ng  
RT: 10.04 min Scan# 696  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

Tgt Ion:168 Resp: 1559789  
Ion Ratio Lower Upper  
168 100  
139 40.0 24.2 36.2#  
169 13.9 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 117.86 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

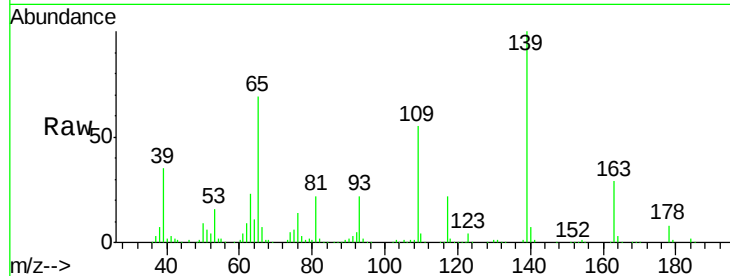
Tgt Ion:139 Resp: 444669

Ion Ratio Lower Upper

139 100

109 55.3 12.7 52.7#

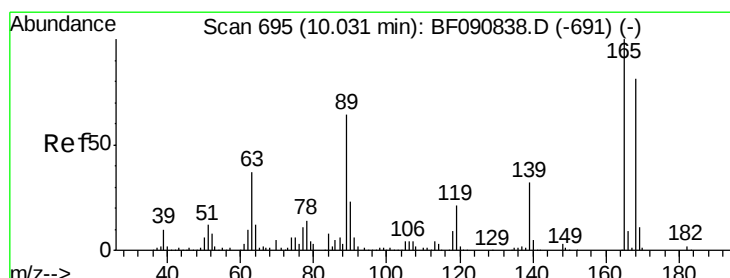
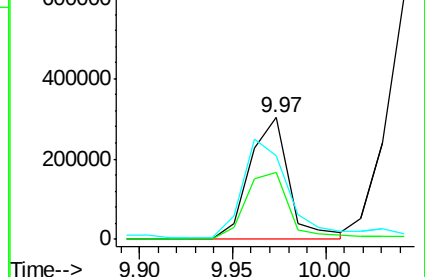
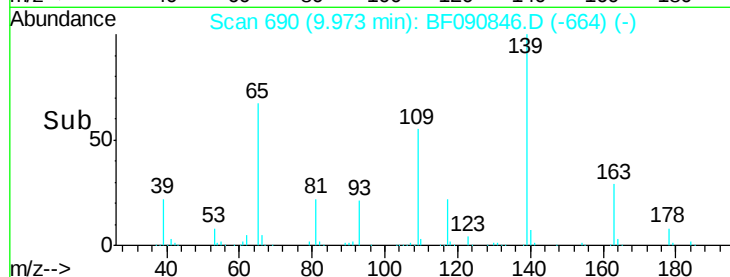
65 69.2 45.9 85.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 56.06 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Tgt Ion:165 Resp: 404714

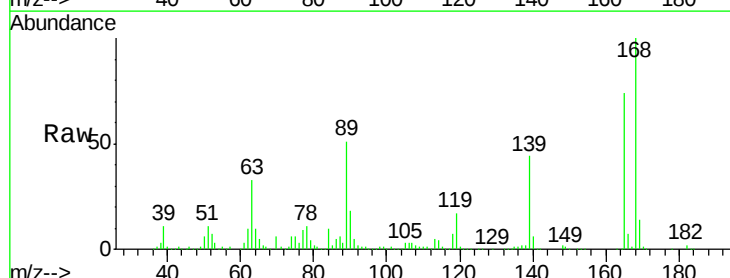
Ion Ratio Lower Upper

165 100

63 44.2 29.8 44.6

89 68.9 44.5 66.7#

182 2.2 3.0 4.4#

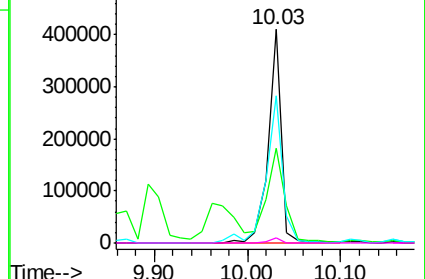
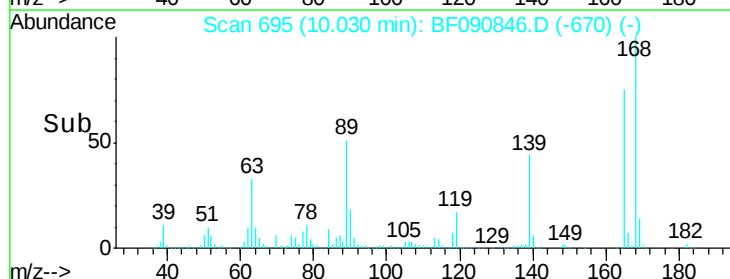


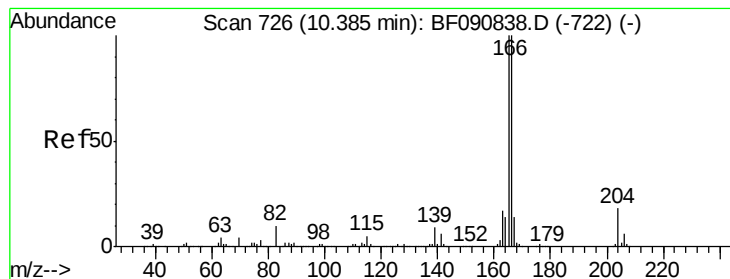
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 52.74 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

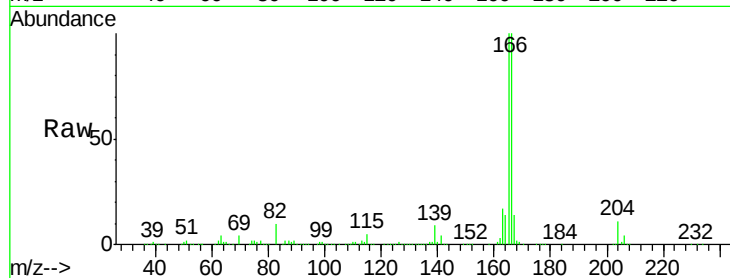
Tgt Ion:166 Resp: 1254528

Ion Ratio Lower Upper

166 100

165 99.5 72.6 109.0

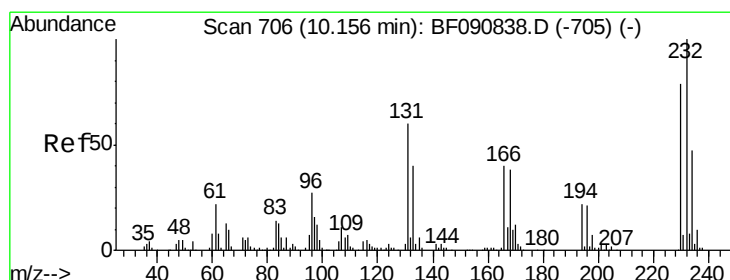
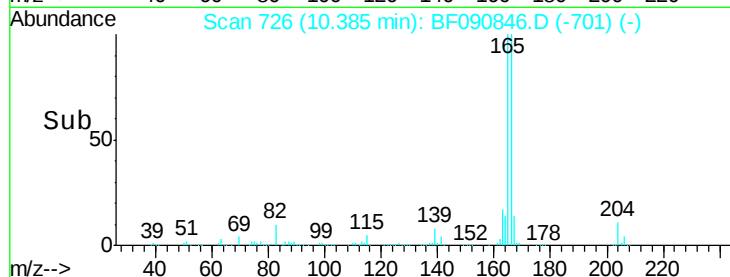
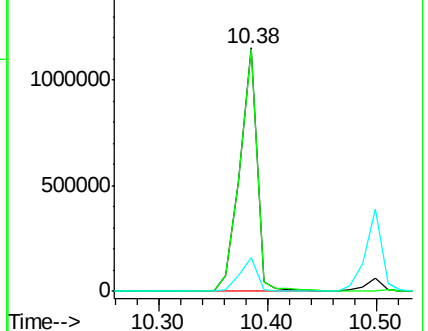
167 13.6 10.6 16.0



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: 45.73 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Tgt Ion:232 Resp: 293347

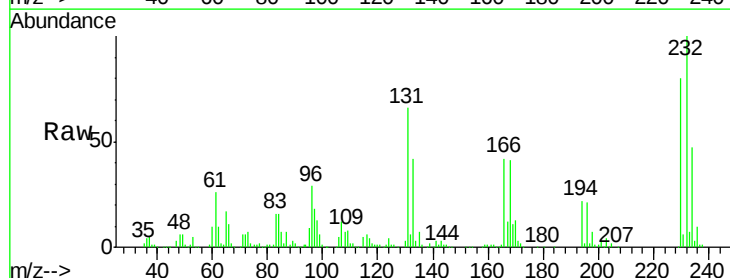
Ion Ratio Lower Upper

232 100

131 51.5 38.5 57.7

130 2.5 1.8 2.6

166 33.6 25.0 37.6

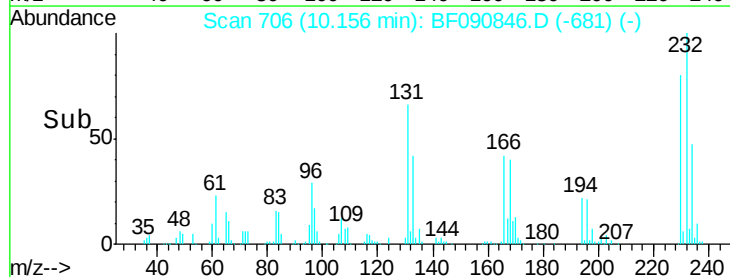
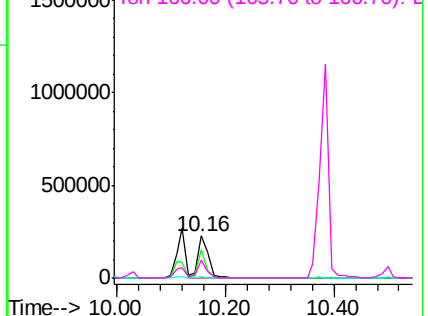


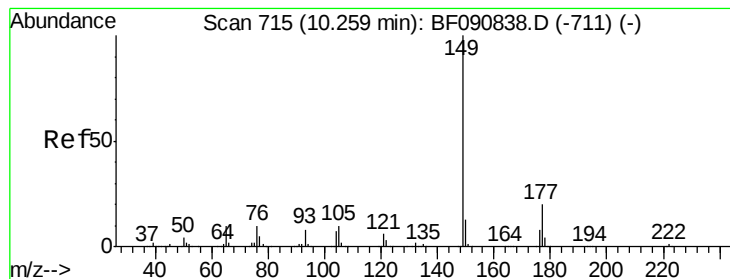
Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.17 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampled :

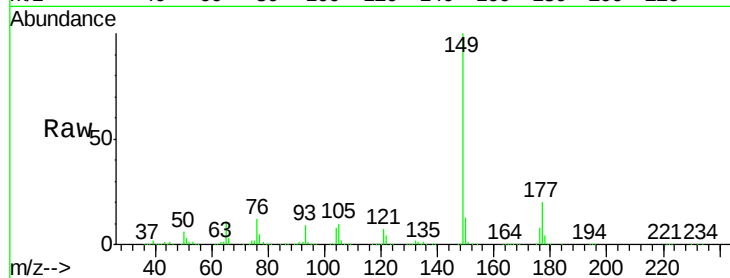
Tgt Ion:149 Resp: 1285111

Ion Ratio Lower Upper

149 100

177 19.7 17.5 26.3

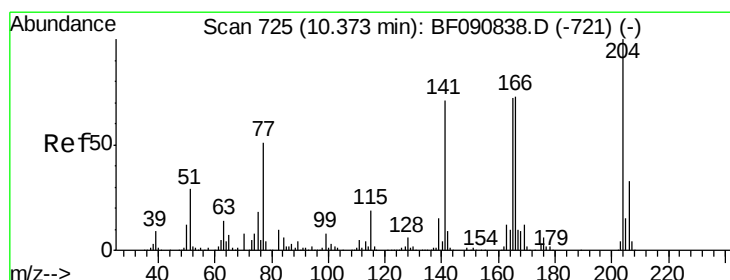
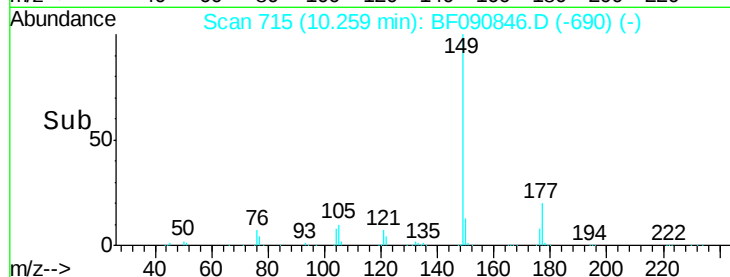
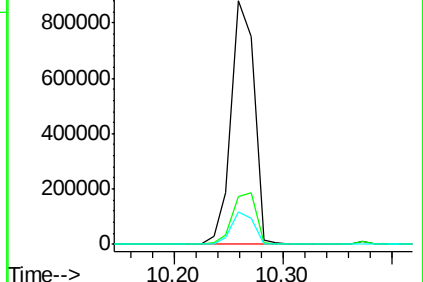
150 13.1 9.4 14.2



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: 47.14 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

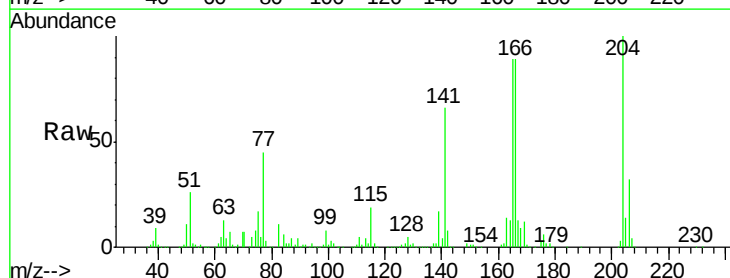
Tgt Ion:204 Resp: 547327

Ion Ratio Lower Upper

204 100

206 32.5 24.8 37.2

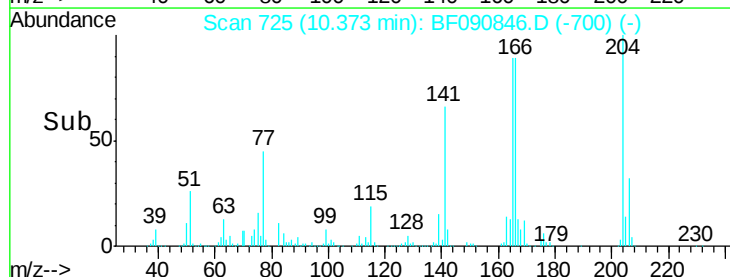
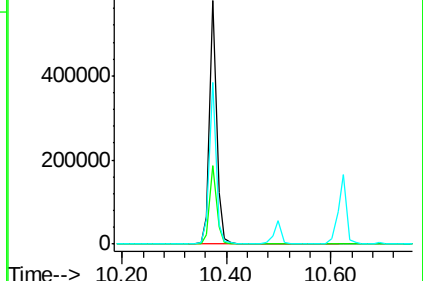
141 66.3 42.2 63.4#

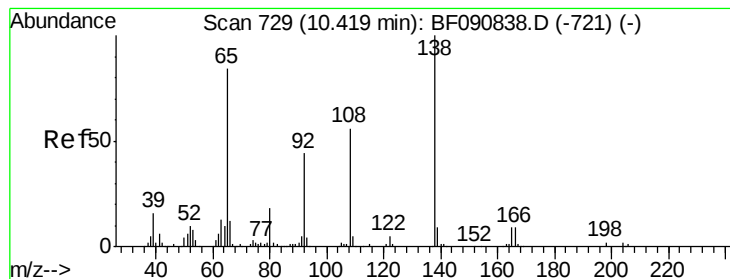


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.92 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

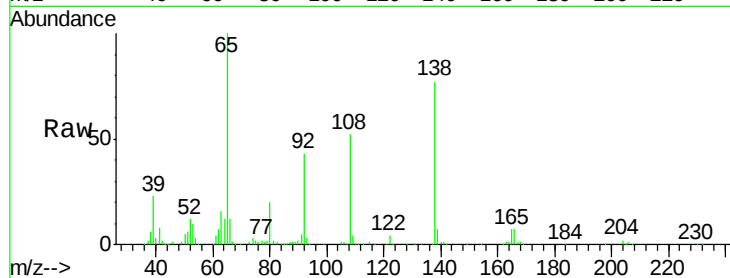
Tgt Ion:138 Resp: 269090

Ion Ratio Lower Upper

138 100

92 56.0 12.6 52.6#

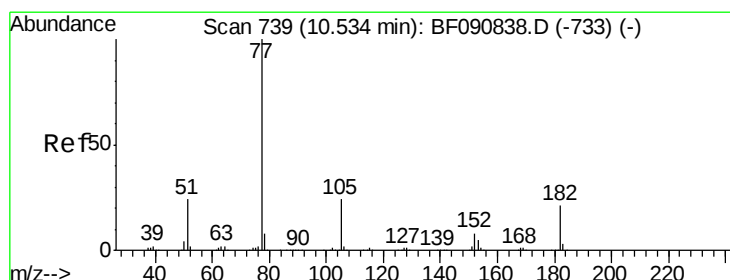
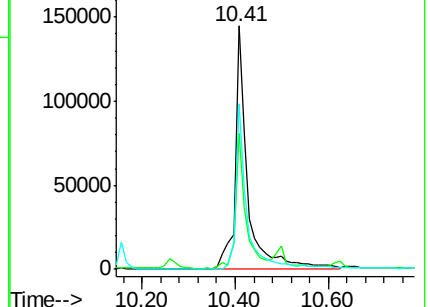
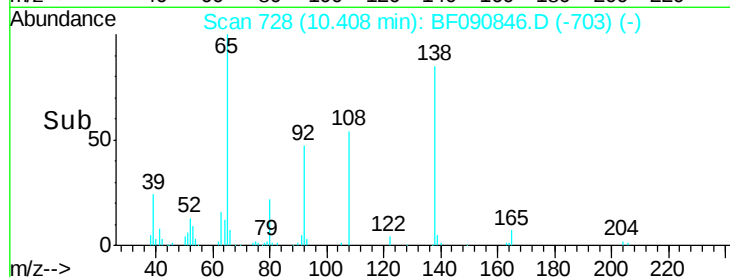
108 67.8 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 55.40 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Tgt Ion: 77 Resp: 1423851

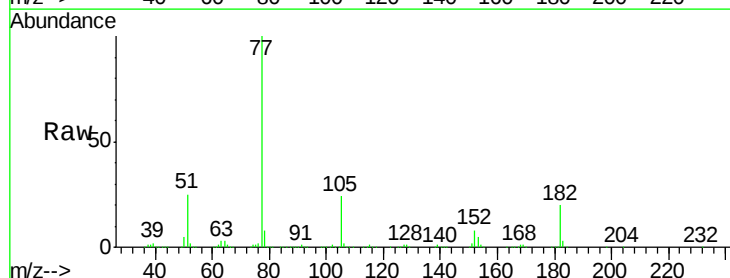
Ion Ratio Lower Upper

77 100

182 20.0 15.1 55.1

105 23.8 3.4 43.4

51 25.1 12.0 52.0

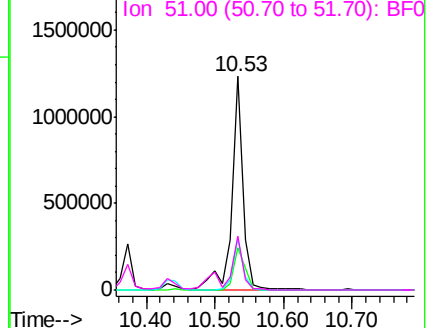
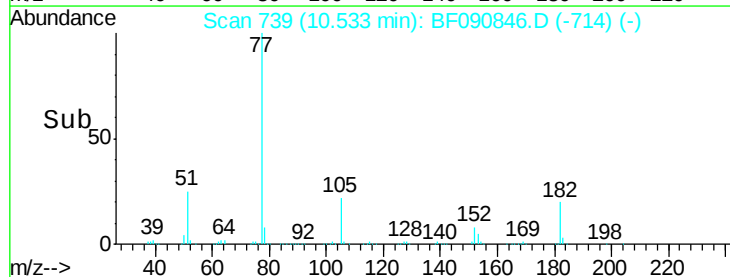


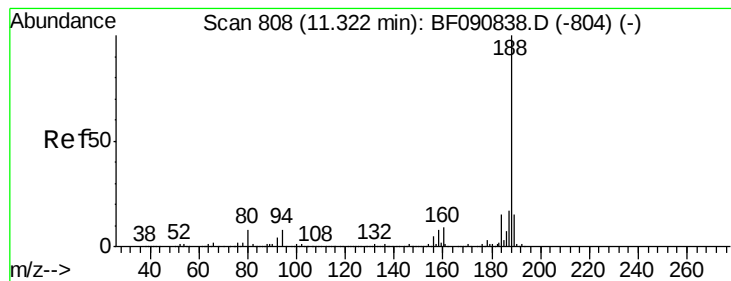
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

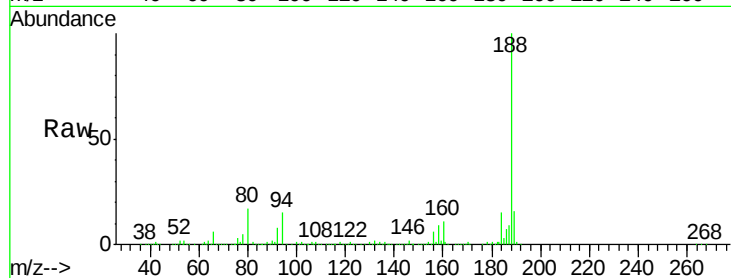
Tgt Ion:188 Resp: 616793

Ion Ratio Lower Upper

188 100

94 15.0 11.1 16.7

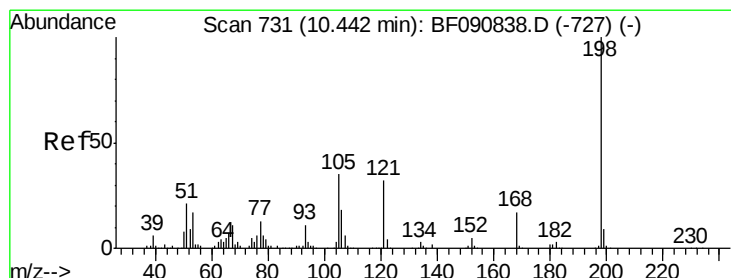
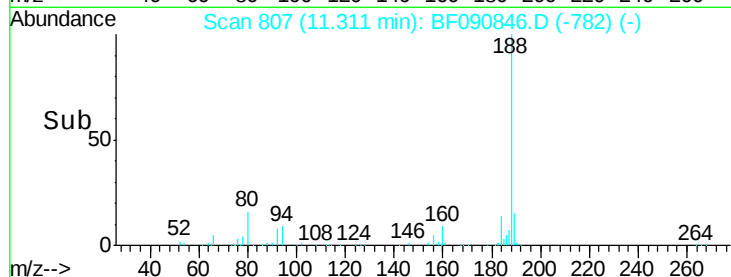
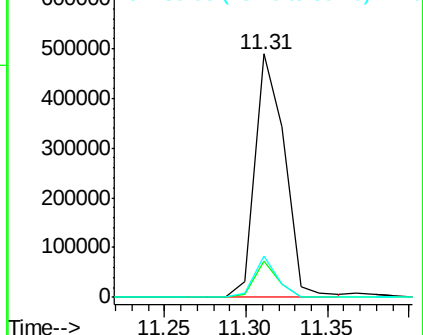
80 17.0 11.0 16.4#



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: 43.54 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

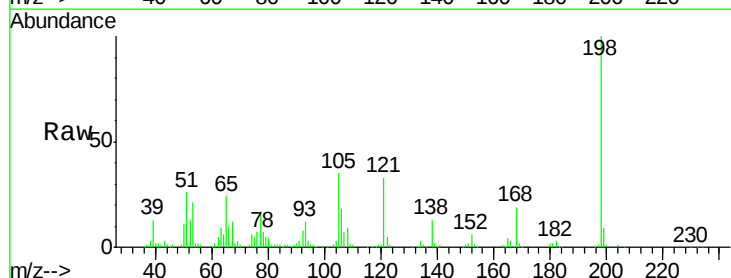
Tgt Ion:198 Resp: 178066

Ion Ratio Lower Upper

198 100

51 26.4 39.6 79.6#

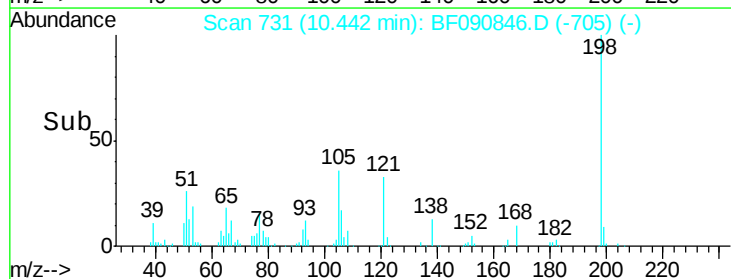
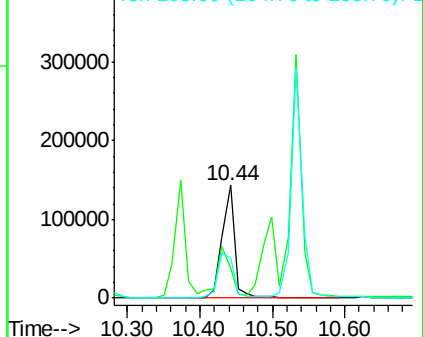
105 35.4 28.5 68.5

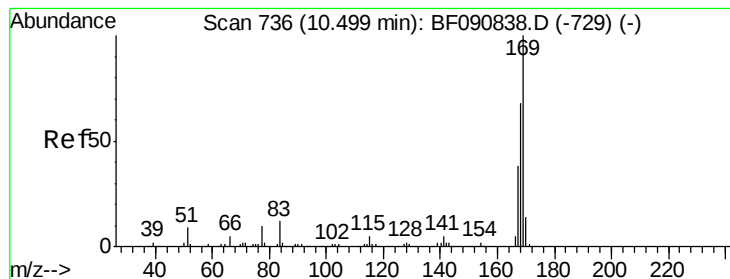


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 56.36 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

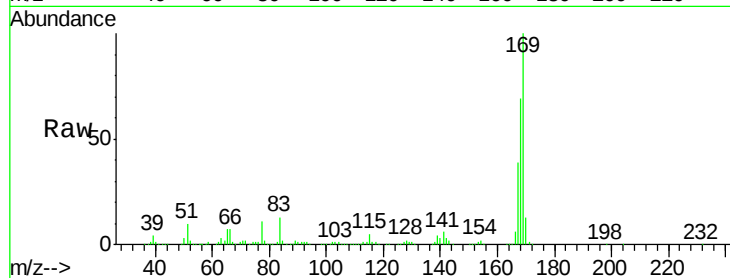
Tgt Ion:169 Resp: 1064885

Ion Ratio Lower Upper

169 100

168 69.2 48.9 73.3

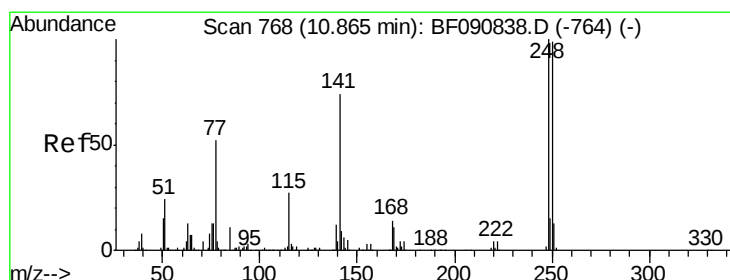
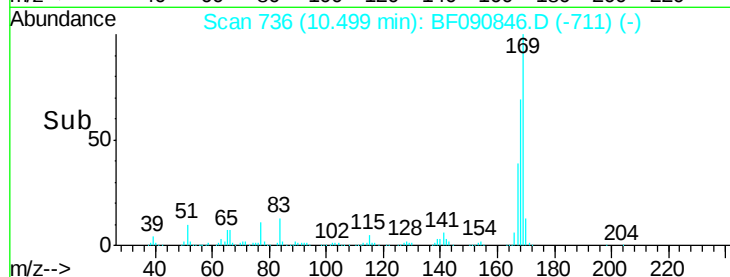
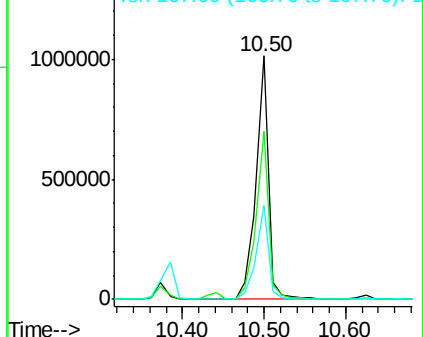
167 38.6 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.32 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

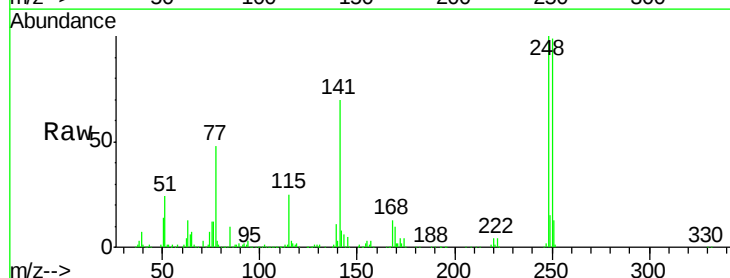
Tgt Ion:248 Resp: 366874

Ion Ratio Lower Upper

248 100

250 99.3 78.5 117.7

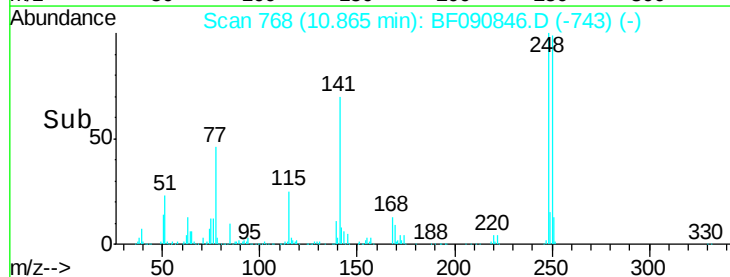
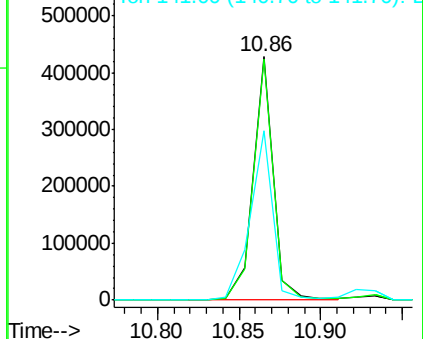
141 69.7 59.0 88.6

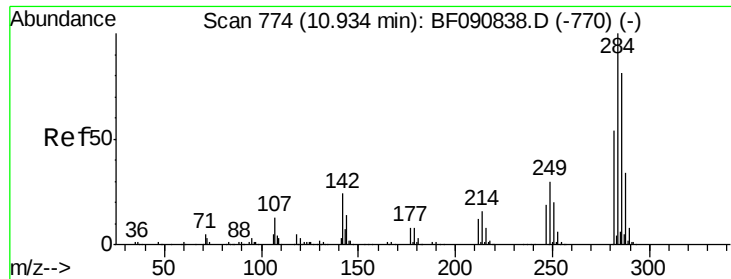


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 53.79 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF090846.D

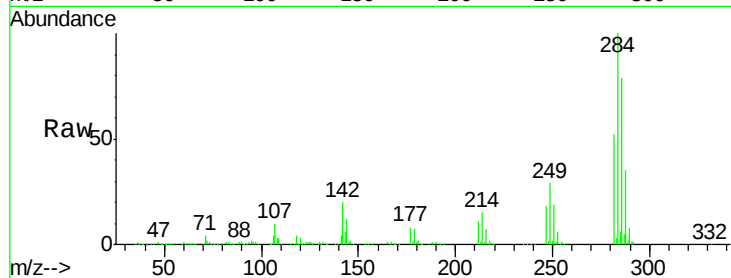
Acq: 26 Oct 2016 17:37

Instrument :

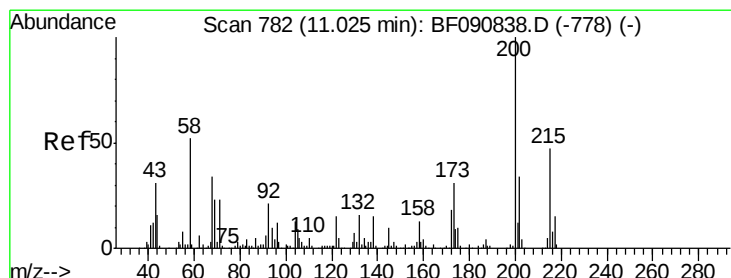
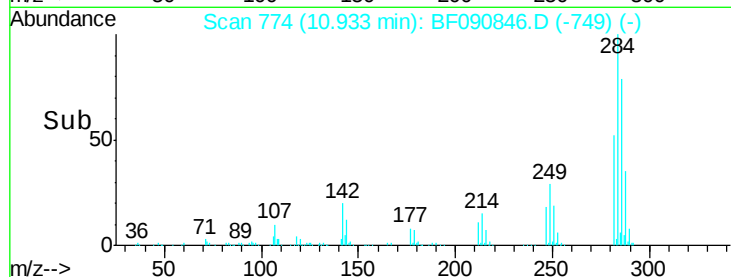
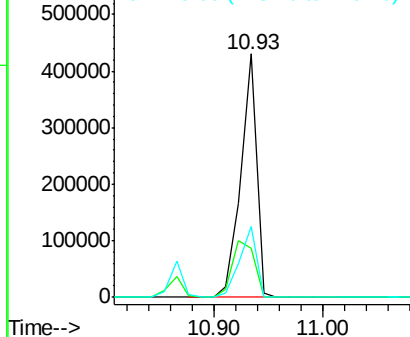
BNA\_F

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 284   | Resp: | 430015 |
| Ion      | Ratio | Lower | Upper  |
| 284      | 100   |       |        |
| 142      | 20.3  | 29.5  | 44.3#  |
| 249      | 29.1  | 19.5  | 29.3   |



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: 50.03 ng

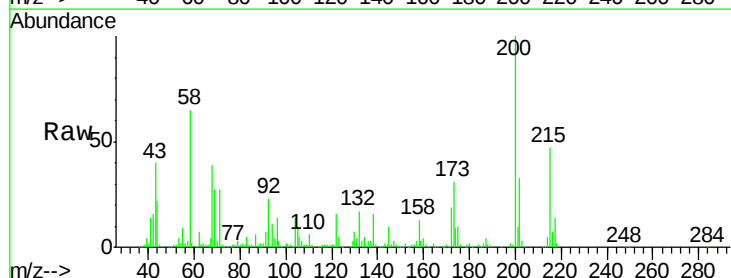
RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

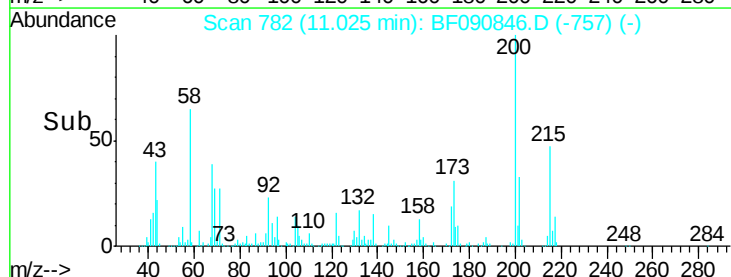
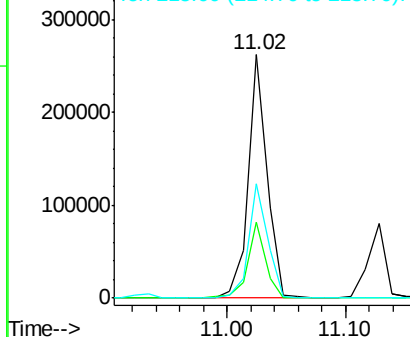
Lab File: BF090846.D

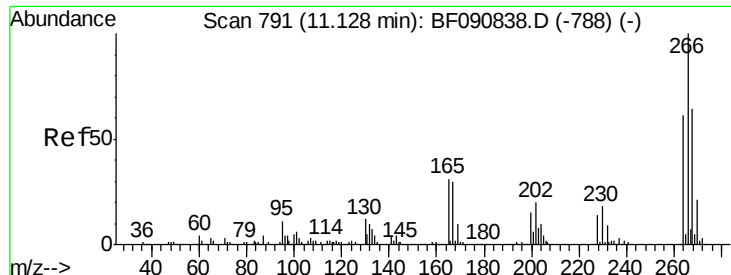
Acq: 26 Oct 2016 17:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 200   | Resp: | 292418 |
| Ion      | Ratio | Lower | Upper  |
| 200      | 100   |       |        |
| 173      | 30.9  | 13.2  | 53.2   |
| 215      | 46.8  | 41.8  | 81.8   |



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

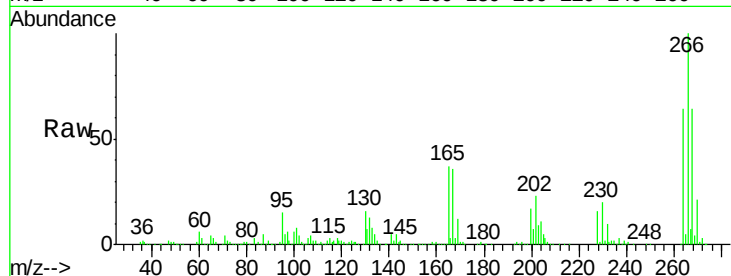




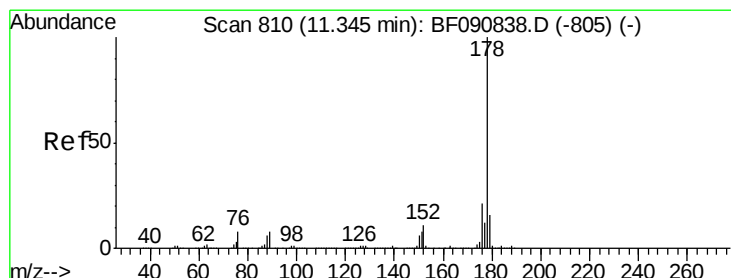
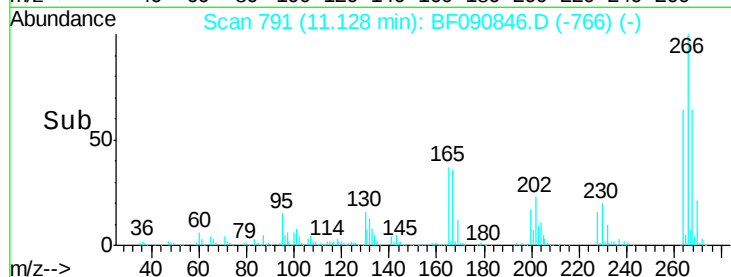
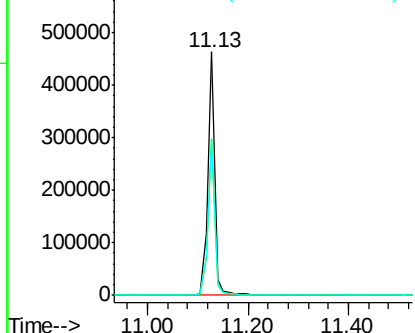
#69  
 Pentachlorophenol  
 Concen: 104.19 ng  
 RT: 11.13 min Scan# 791  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion:266 Resp: 446799  
 Ion Ratio Lower Upper  
 266 100  
 268 64.3 49.8 74.6  
 264 63.8 50.2 75.2

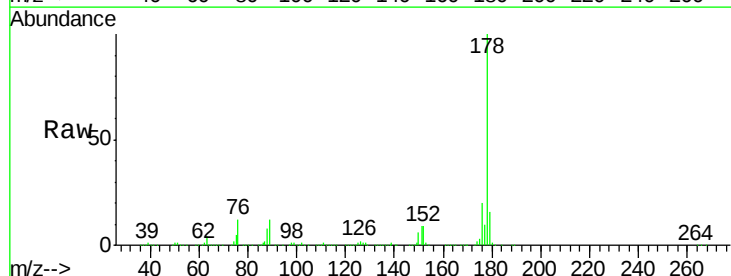


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

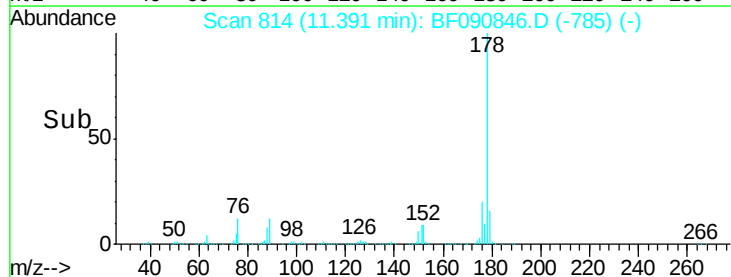
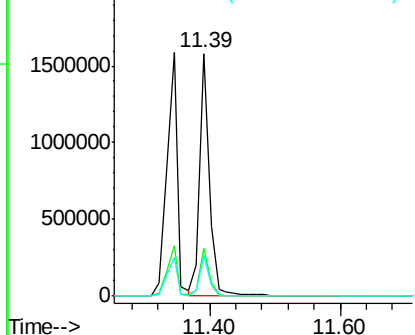


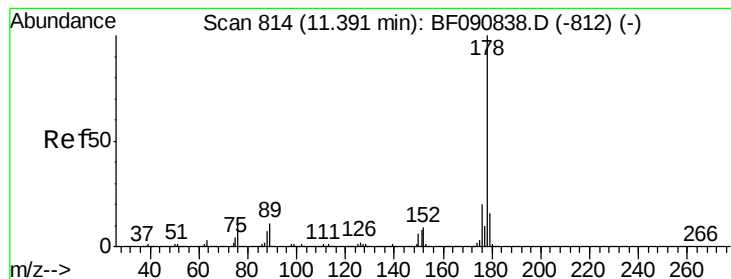
#70  
 Phenanthrene  
 Concen: 51.92 ng  
 RT: 11.39 min Scan# 814  
 Delta R.T. 0.03 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion:178 Resp: 1630688  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 13.8 20.8  
 179 16.4 12.2 18.2



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: 49.51 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

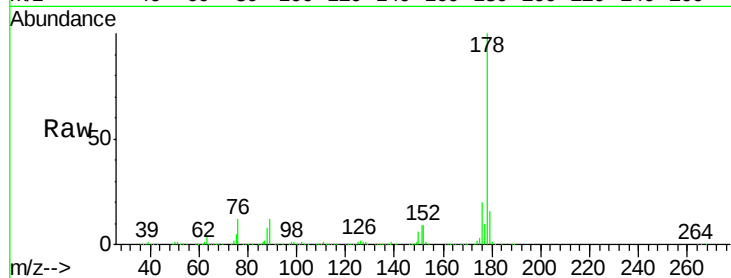
Tgt Ion:178 Resp: 1637647

Ion Ratio Lower Upper

178 100

176 19.9 14.1 21.1

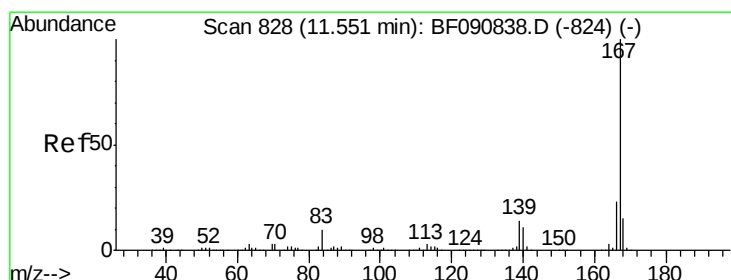
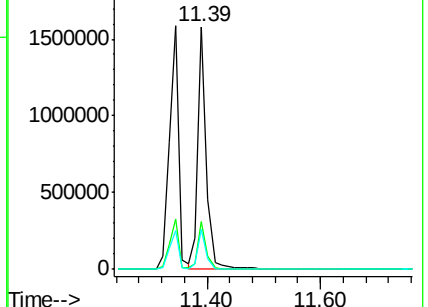
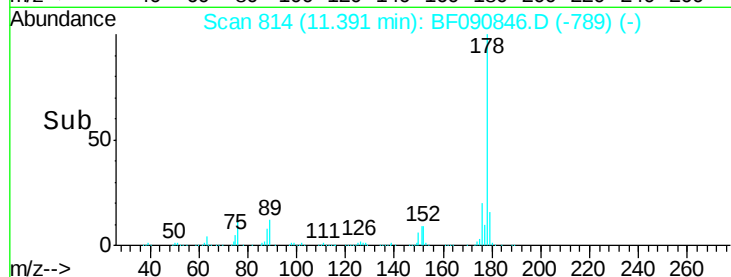
179 16.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 54.05 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

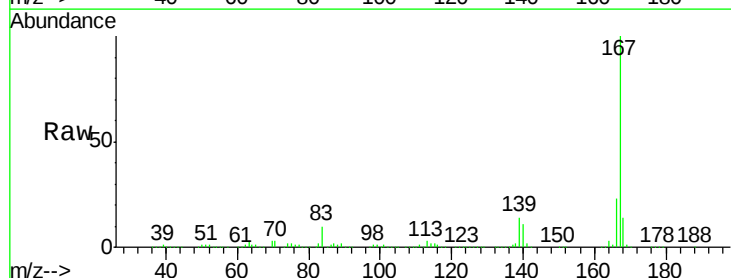
Tgt Ion:167 Resp: 1578655

Ion Ratio Lower Upper

167 100

166 22.8 15.7 23.5

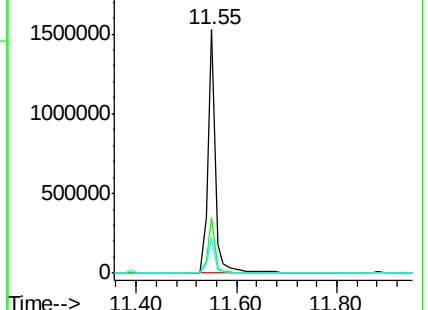
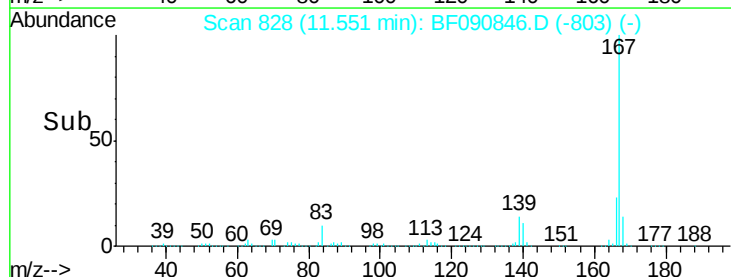
139 14.5 9.5 14.3#

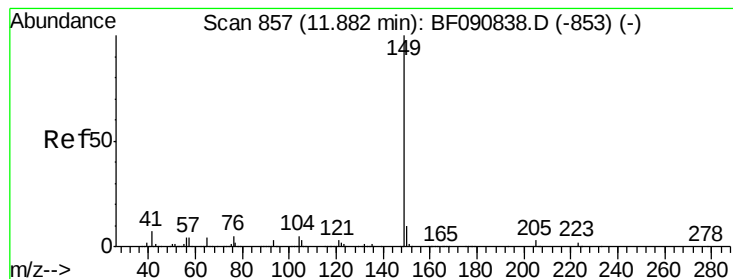


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.45 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

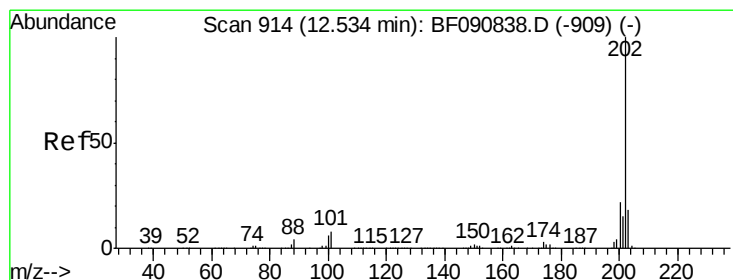
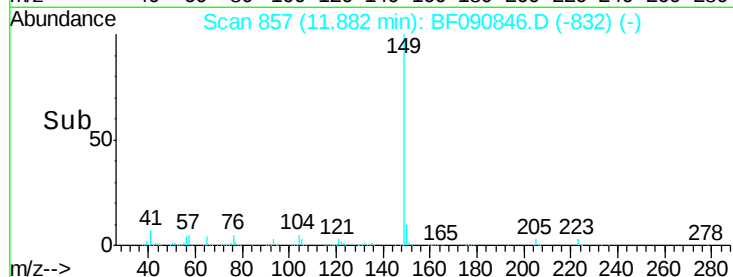
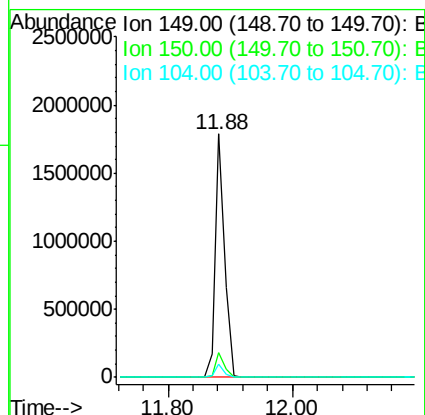
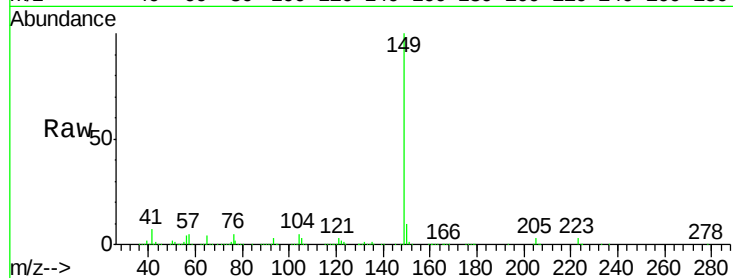
Tgt Ion:149 Resp: 1824006

Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.2

104 5.4 2.4 3.6#



#74

Fluoranthene

Concen: 48.48 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

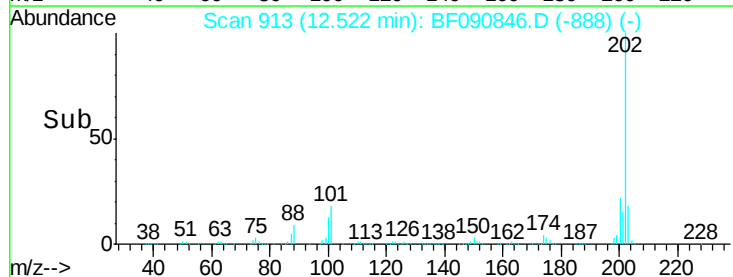
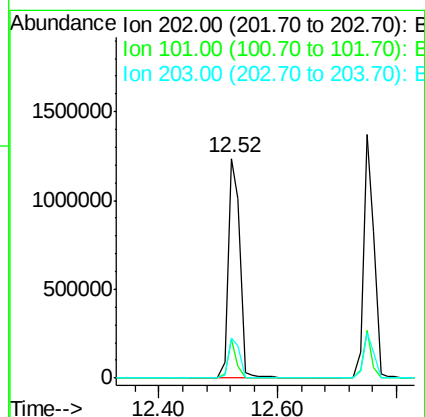
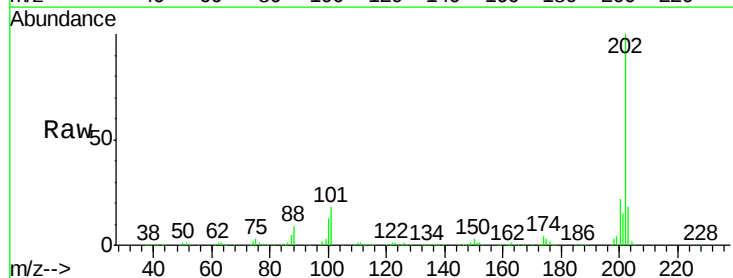
Tgt Ion:202 Resp: 1667512

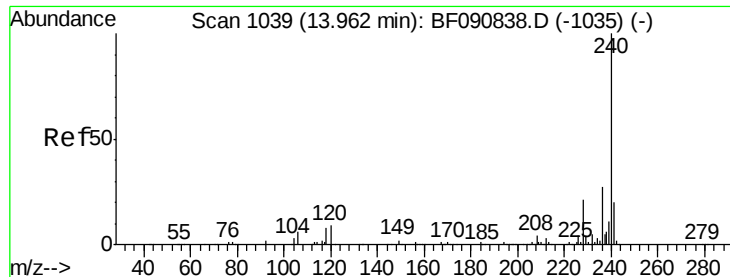
Ion Ratio Lower Upper

202 100

101 17.5 0.0 38.3

203 18.3 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

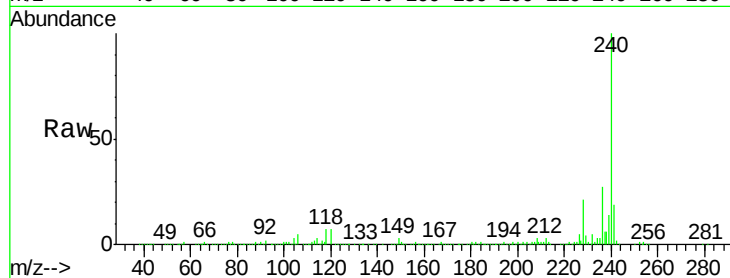
Tgt Ion:240 Resp: 509452

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

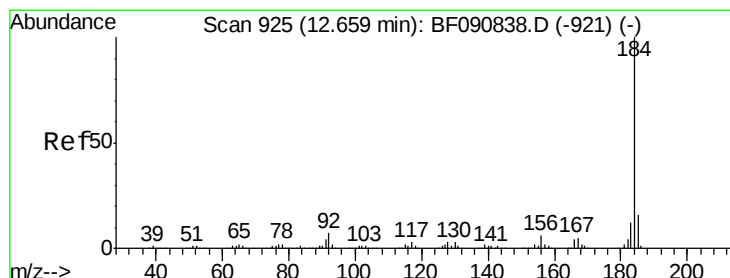
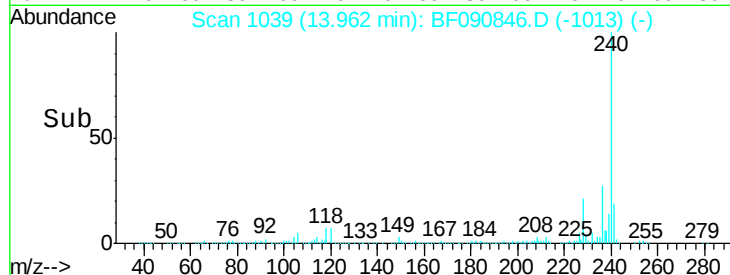
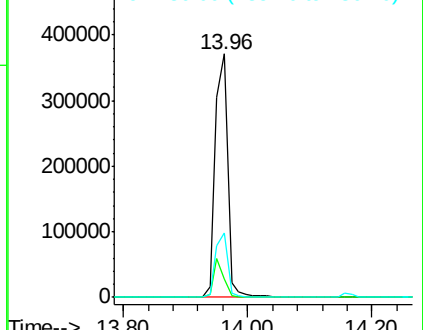
236 26.6 18.4 27.6



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: 23.63 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

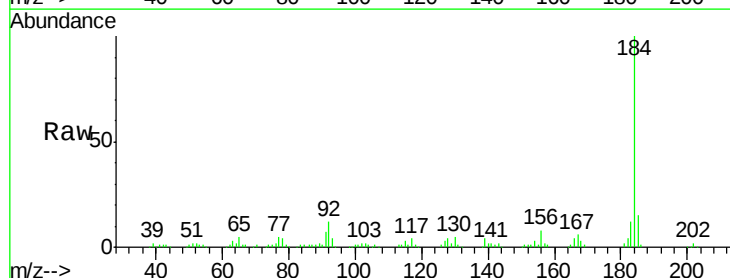
Tgt Ion:184 Resp: 262813

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

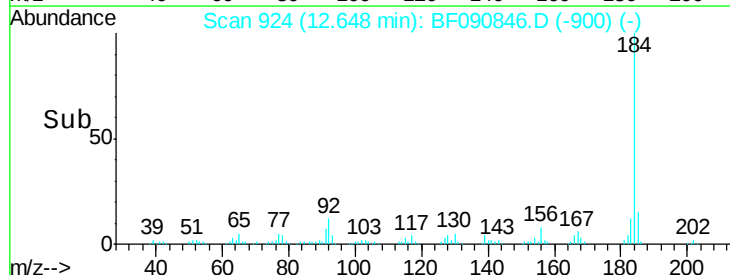
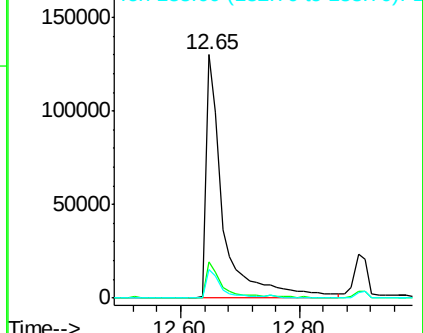
183 11.6 7.6 11.4#

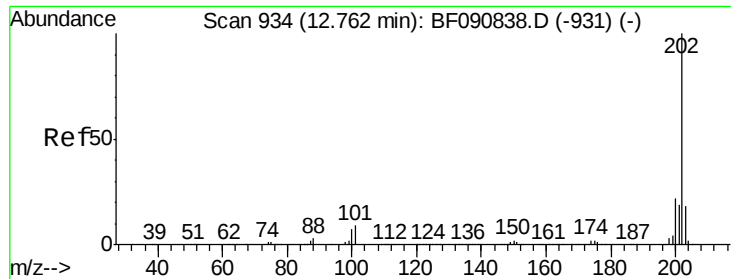


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

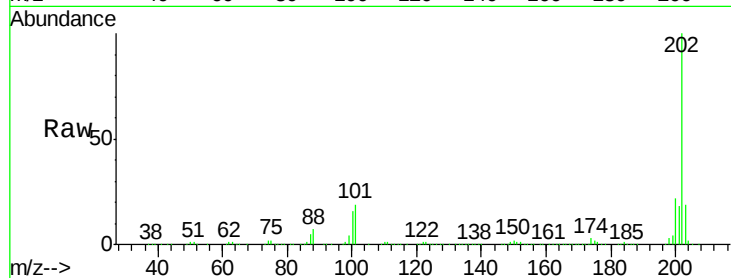




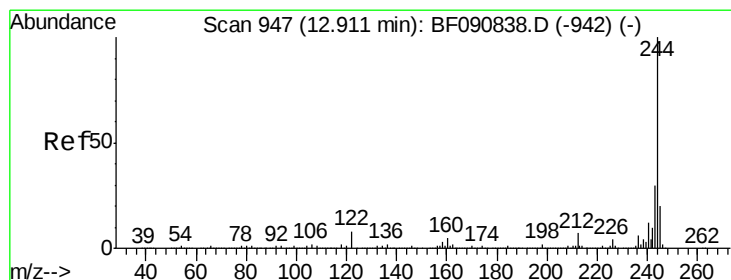
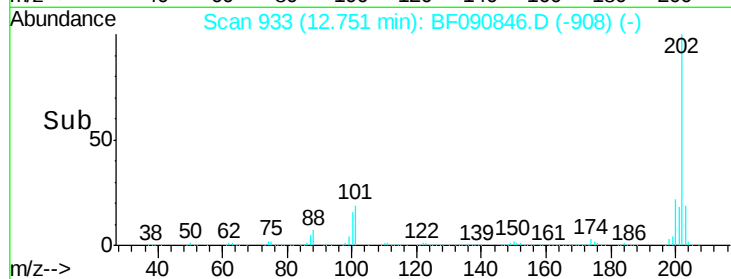
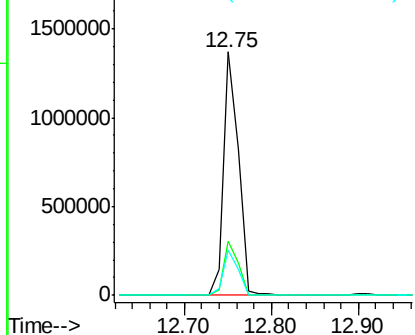
#77  
 Pyrene  
 Concen: 50.91 ng  
 RT: 12.75 min Scan# 933  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion:202 Resp: 1641274  
 Ion Ratio Lower Upper  
 202 100  
 200 22.3 15.0 22.4  
 203 18.7 14.1 21.1

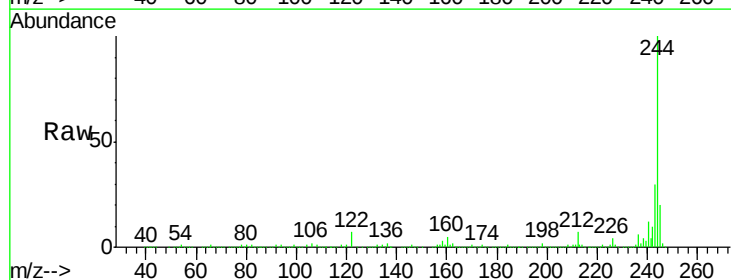


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

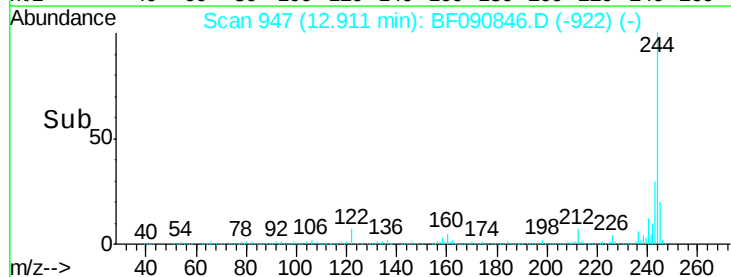
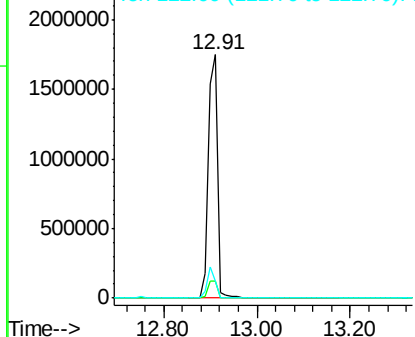


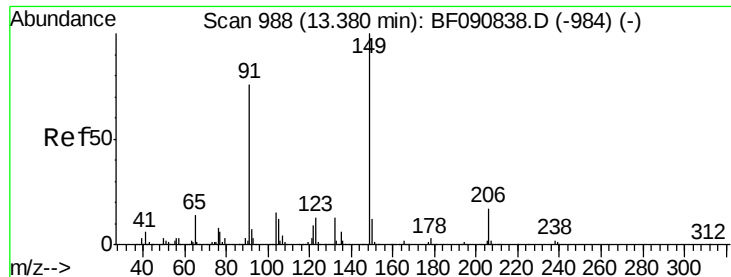
#78  
 Terphenyl-d14  
 Concen: 122.25 ng  
 RT: 12.91 min Scan# 947  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion:244 Resp: 2472081  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 4.3 6.5#  
 122 7.2 17.4 26.2#



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

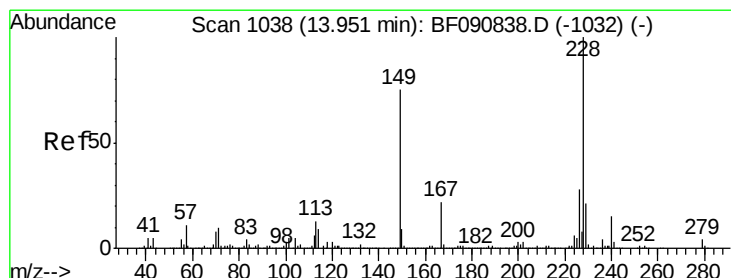
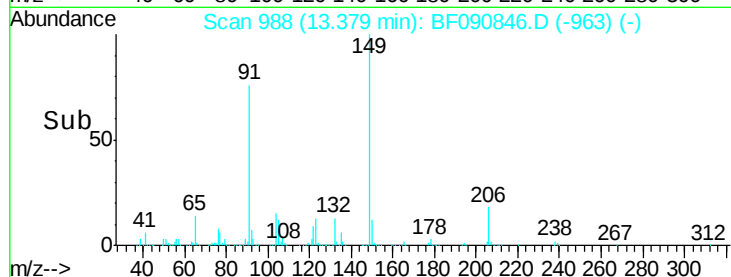
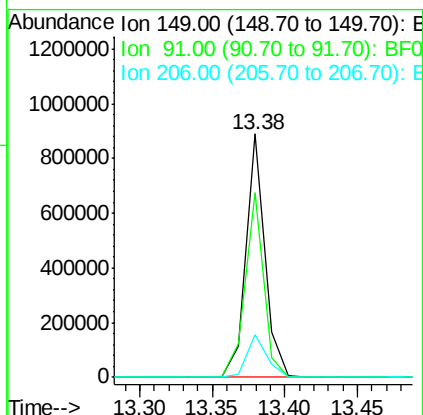
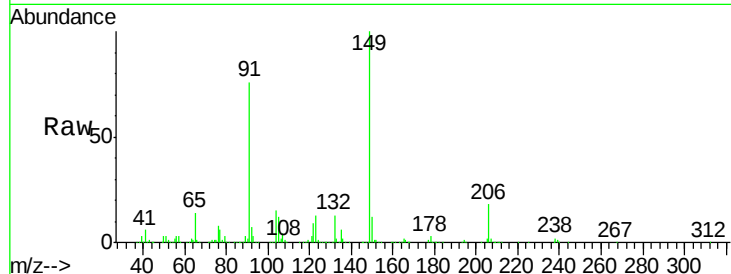




#79  
Butylbenzylphthalate  
Concen: 55.25 ng  
RT: 13.38 min Scan# 988  
Delta R.T. -0.01 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

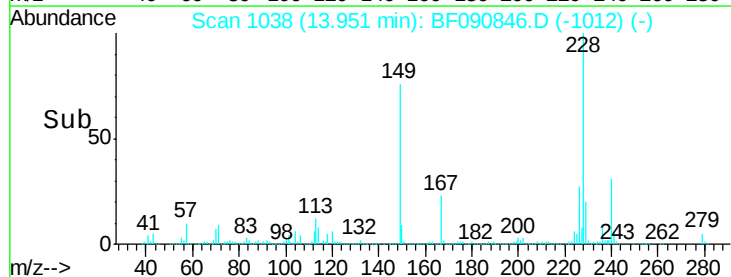
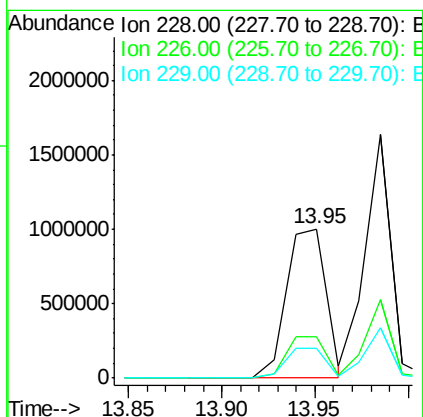
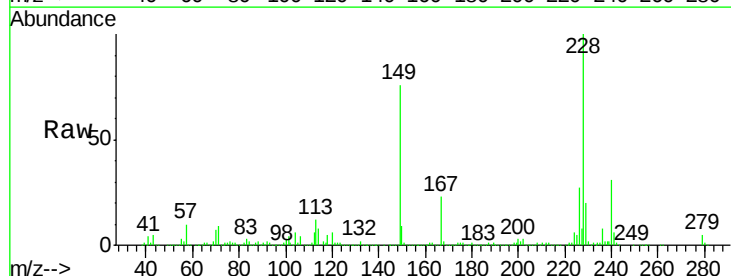
Instrument :  
BNA\_F  
ClientSampleId :

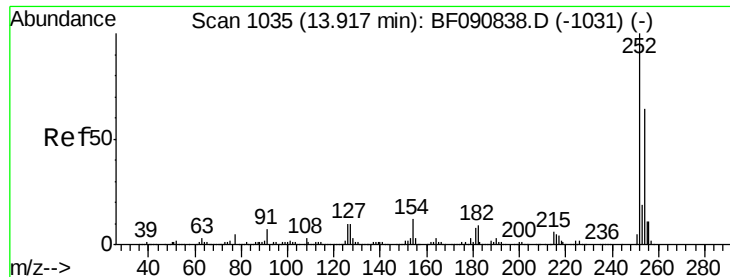
Tgt Ion:149 Resp: 808221  
Ion Ratio Lower Upper  
149 100  
91 75.9 48.6 72.8#  
206 17.6 14.9 22.3



#80  
Benzo(a)anthracene  
Concen: 54.95 ng  
RT: 13.95 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BF090846.D  
Acq: 26 Oct 2016 17:37

Tgt Ion:228 Resp: 1485747  
Ion Ratio Lower Upper  
228 100  
226 27.4 20.0 30.0  
229 19.9 15.4 23.2

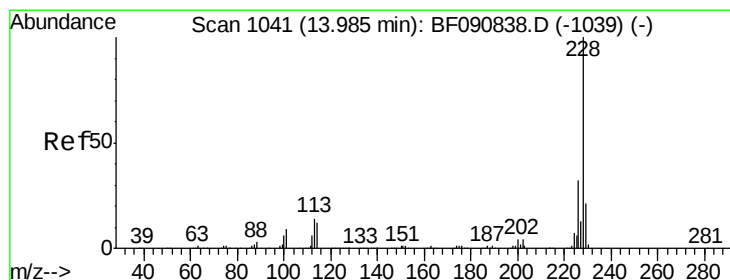
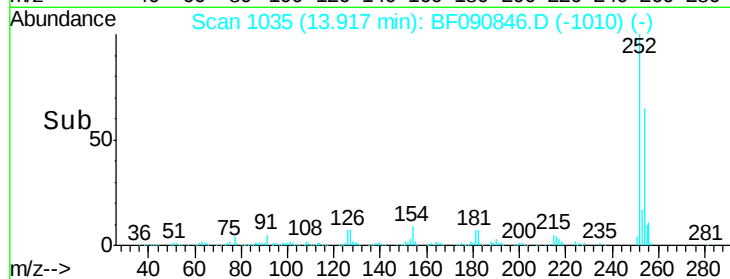
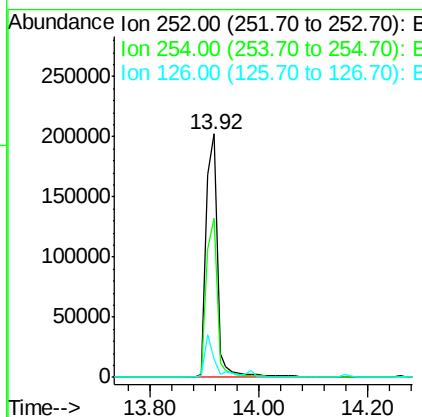
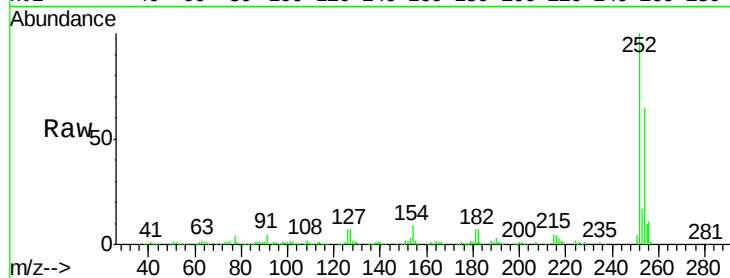




#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.09 ng  
 RT: 13.92 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

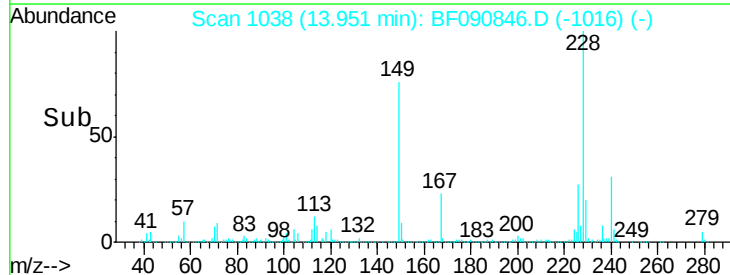
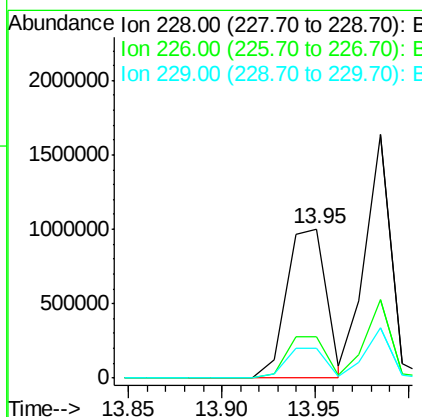
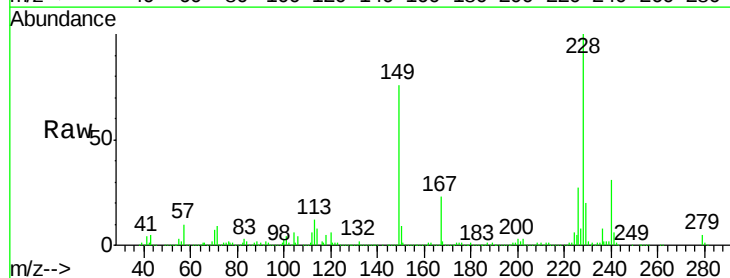
Instrument :  
 BNA\_F  
 ClientSampled :

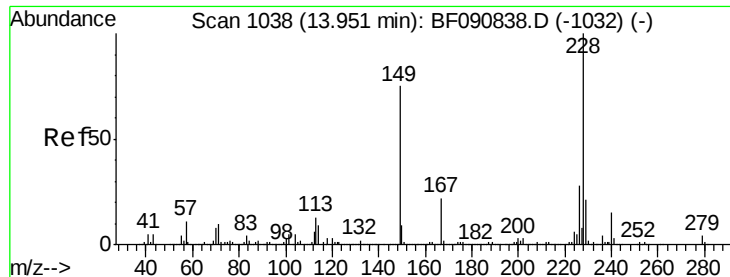
Tgt Ion: 252 Resp: 294875  
 Ion Ratio Lower Upper  
 252 100  
 254 65.2 51.4 77.2  
 126 7.3 16.4 24.6#



#82  
 Chrysene  
 Concen: 54.33 ng  
 RT: 13.95 min Scan# 1038  
 Delta R.T. -0.05 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion: 228 Resp: 1485747  
 Ion Ratio Lower Upper  
 228 100  
 226 27.4 21.0 31.4  
 229 19.9 15.6 23.4

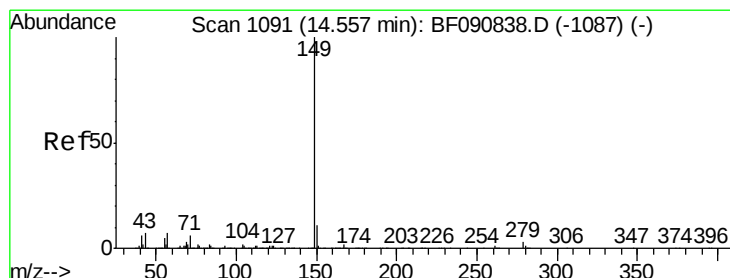
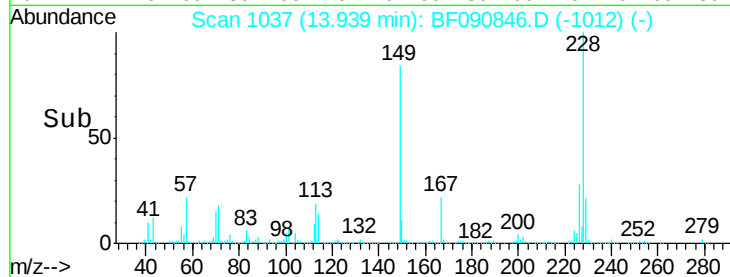
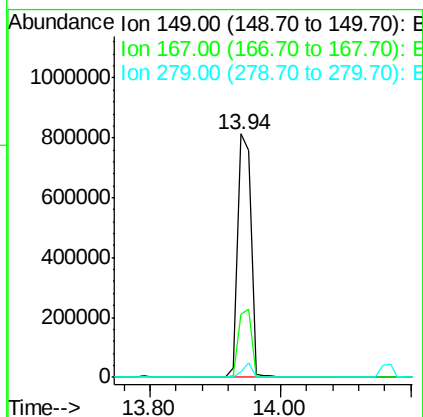
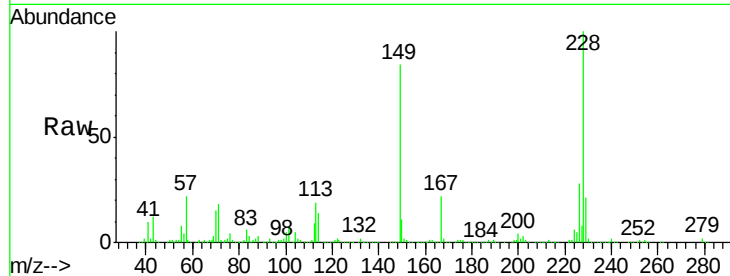




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 58.66 ng  
 RT: 13.94 min Scan# 1037  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

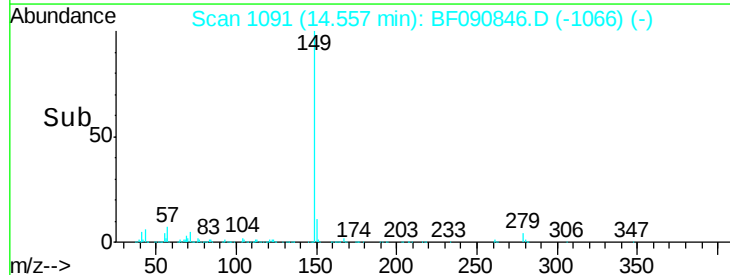
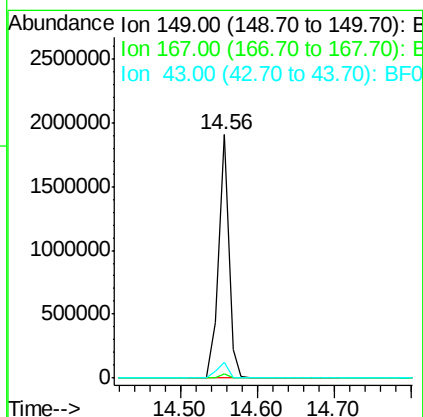
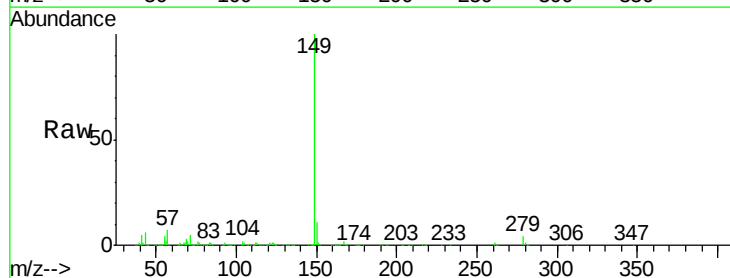
Instrument :  
 BNA\_F  
 ClientSampleId :

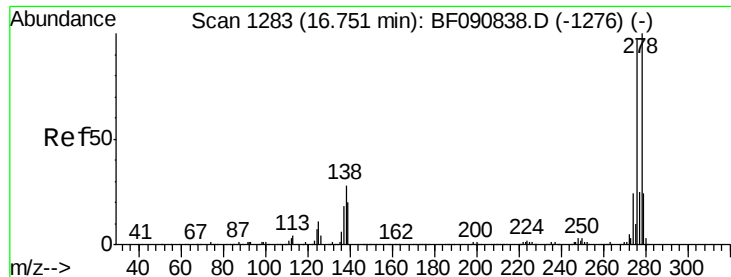
Tgt Ion:149 Resp: 1117491  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 24.2 36.2  
 279 2.2 3.8 5.6#



#84  
 Di-n-octyl phthalate  
 Concen: 55.70 ng  
 RT: 14.56 min Scan# 1091  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion:149 Resp: 1781740  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.0 1.6#  
 43 7.0 10.2 15.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.82 ng

RT: 16.74 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

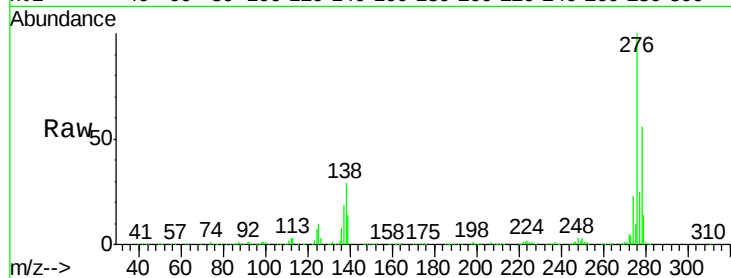
Tgt Ion:276 Resp: 1231567

Ion Ratio Lower Upper

276 100

138 30.5 25.7 38.5

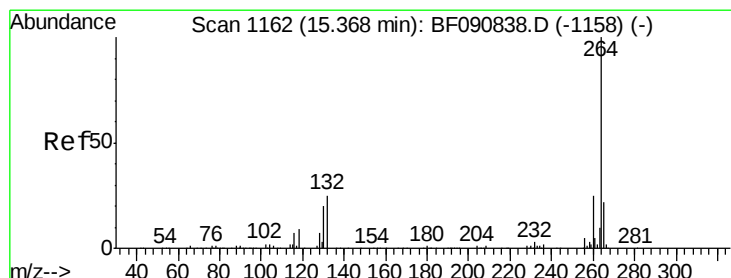
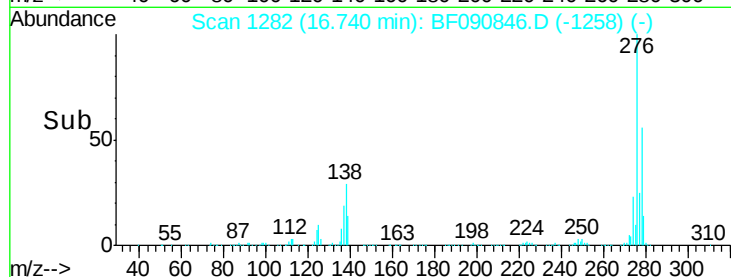
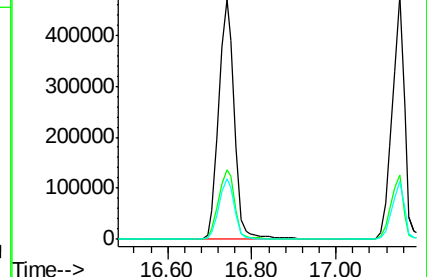
277 25.5 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

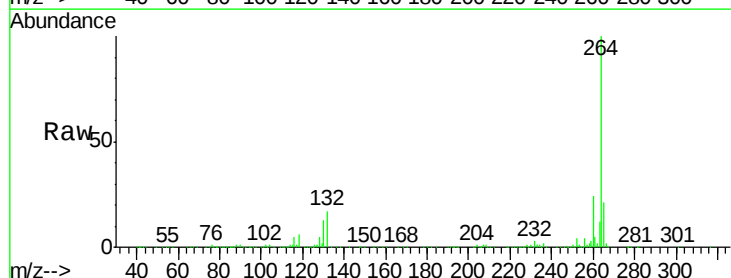
Tgt Ion:264 Resp: 423267

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

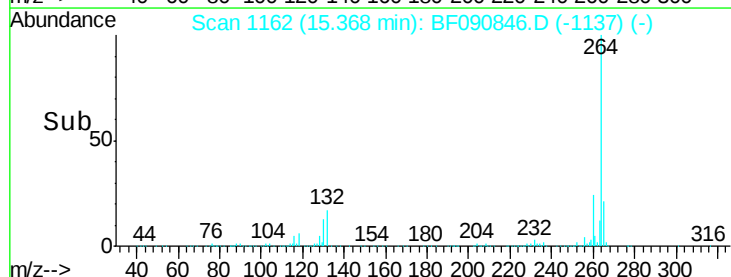
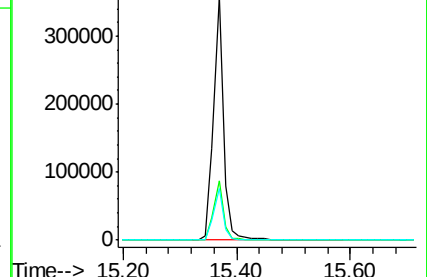
265 21.2 17.2 25.8

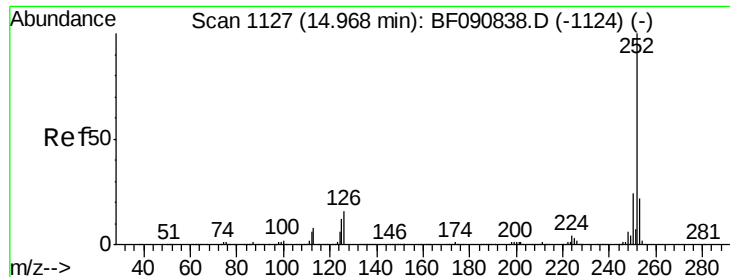


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

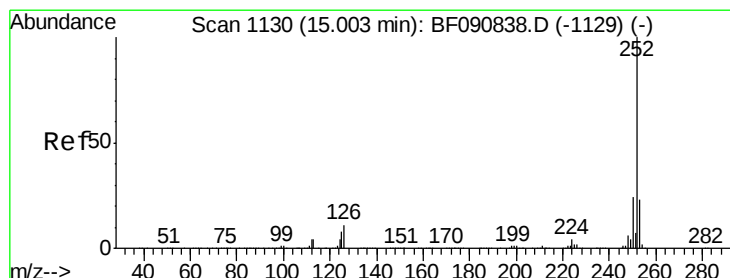
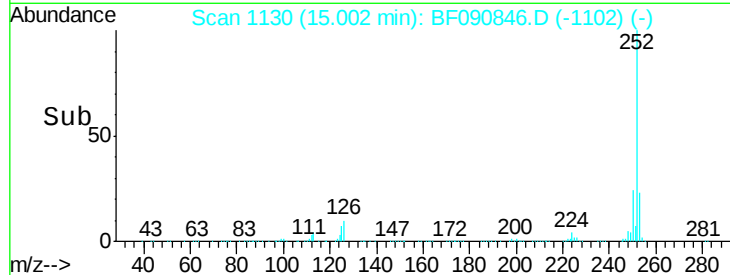
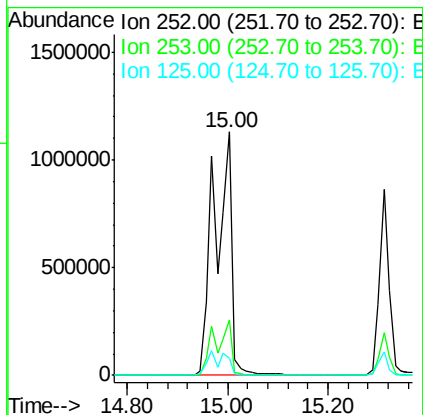
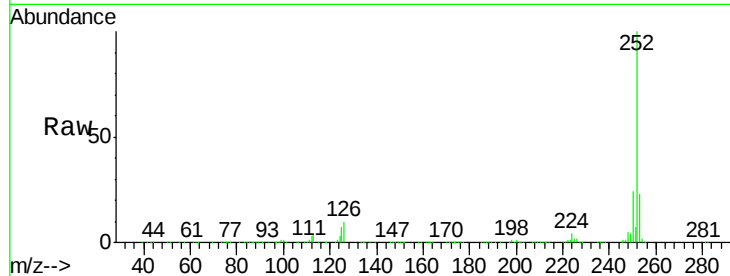




#87  
 Benzo(b)fluoranthene  
 Concen: 94.82 ng  
 RT: 15.00 min Scan# 1130  
 Delta R.T. 0.02 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

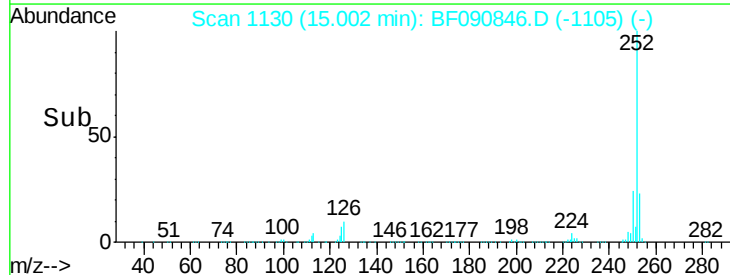
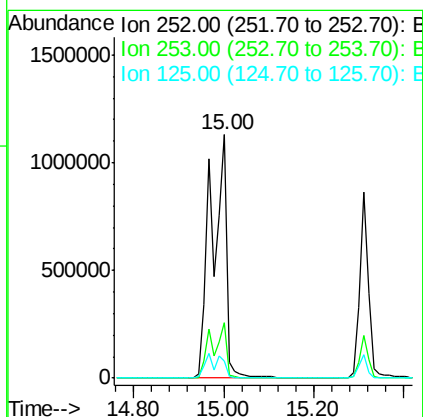
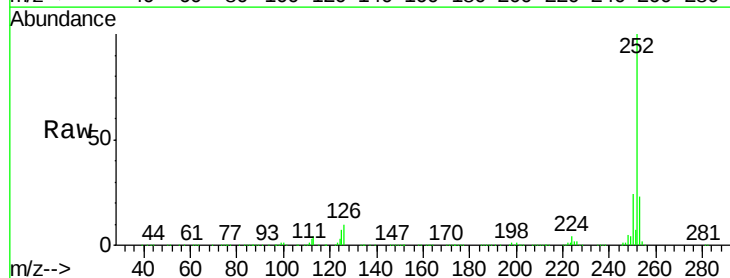
Instrument :  
 BNA\_F  
 ClientSampled :

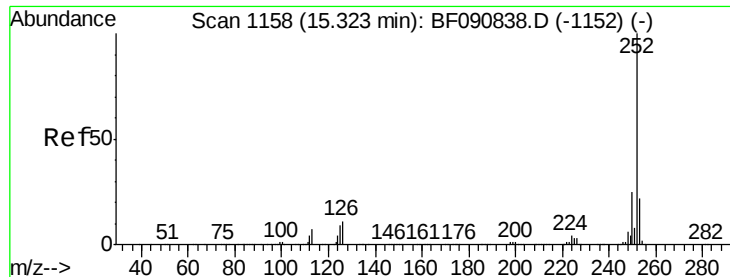
Tgt Ion:252 Resp: 2698707  
 Ion Ratio Lower Upper  
 252 100  
 253 22.6 17.5 26.3  
 125 7.0 17.1 25.7#



#88  
 Benzo(k)fluoranthene  
 Concen: 120.14 ng  
 RT: 15.00 min Scan# 1130  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Tgt Ion:252 Resp: 2702136  
 Ion Ratio Lower Upper  
 252 100  
 253 22.6 17.0 25.4  
 125 7.0 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 48.35 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

Instrument :

BNA\_F

ClientSampleId :

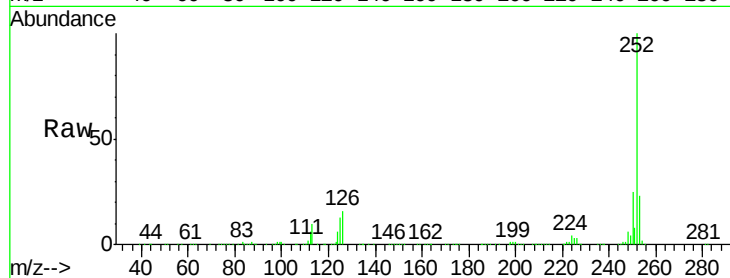
Tgt Ion:252 Resp: 1182320

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

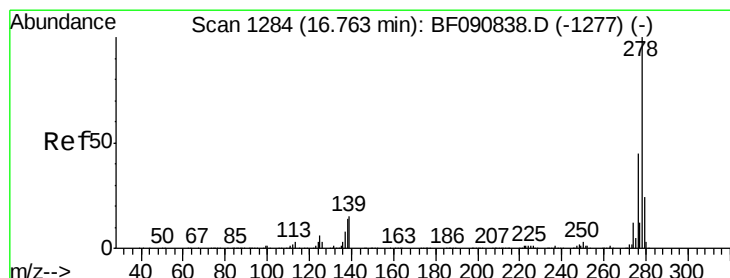
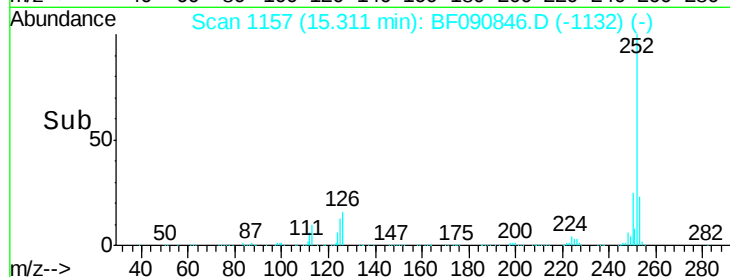
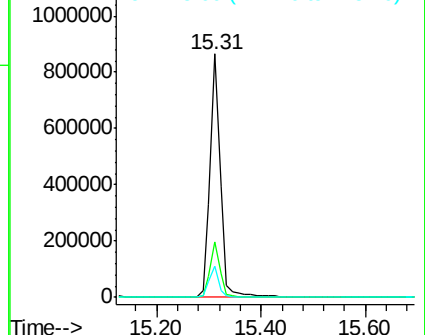
125 12.8 18.0 27.0#



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: 50.91 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF090846.D

Acq: 26 Oct 2016 17:37

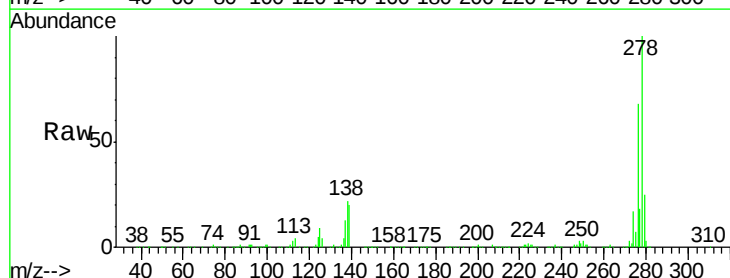
Tgt Ion:278 Resp: 1053968

Ion Ratio Lower Upper

278 100

139 19.6 26.3 39.5#

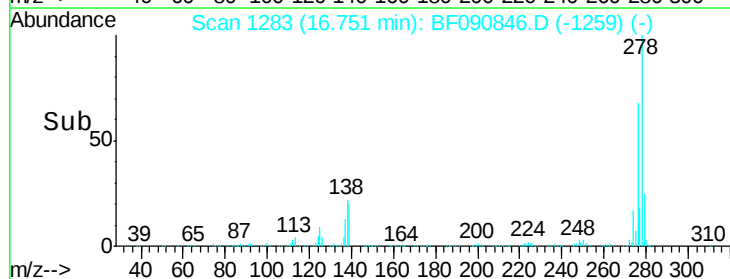
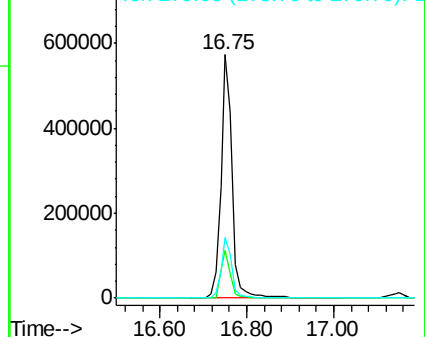
279 24.9 18.2 27.4

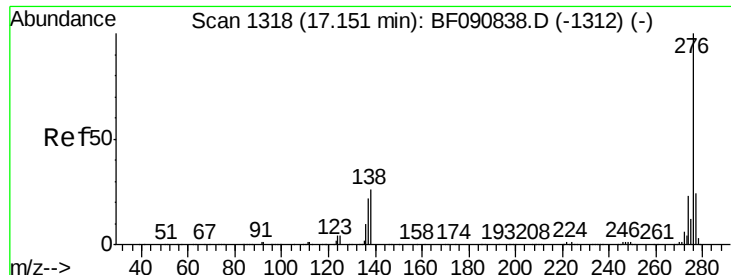


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(g,h,i)perylene  
 Concen: 50.12 ng  
 RT: 17.15 min Scan# 1318  
 Delta R.T. -0.01 min  
 Lab File: BF090846.D  
 Acq: 26 Oct 2016 17:37

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 17.8  | 26.6  |
| 138     | 26.5  | 34.6  | 51.8  |

