

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\  
 Data File : BF084706.D  
 Acq On : 1 Feb 2016 13:27  
 Operator : SJ/IZ  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Feb 01 13:56:01 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 01 12:56:00 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 170451   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.01  | 136  | 687692   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.76  | 164  | 336859   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.23 | 188  | 595564   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.87 | 240  | 432732   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.24 | 264  | 369040   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.30  | 112 | 1187998 | 105.21 | ng | -0.01 |
| 7) Phenol-d6                | 6.37  | 99  | 1540771 | 113.84 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.29  | 82  | 1340917 | 108.97 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.54 | 330 | 371355  | 105.18 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.08  | 172 | 2110491 | 93.12  | ng | -0.01 |
| 78) Terphenyl-d14           | 12.82 | 244 | 2006413 | 104.72 | ng | -0.01 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.20 | 88  | 278039  | 52.81 | ng | # 77   |
| 3) Pyridine                    | 2.88 | 79  | 772509  | 55.07 | ng | # 73   |
| 4) n-Nitrosodimethylamine      | 2.84 | 42  | 380213  | 55.44 | ng | # 84   |
| 6) Aniline                     | 6.38 | 93  | 942852  | 54.27 | ng | # 44   |
| 8) 2-Chlorophenol              | 6.50 | 128 | 662528  | 52.90 | ng | 88     |
| 9) Benzaldehyde                | 6.26 | 77  | 446577  | 56.98 | ng | 99     |
| 10) Phenol                     | 6.38 | 94  | 943412  | 62.54 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 714483  | 60.90 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146 | 735784  | 54.83 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.73 | 146 | 715401  | 54.32 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.89 | 146 | 695693  | 57.37 | ng | 97     |
| 15) Benzyl Alcohol             | 6.86 | 79  | 522298  | 56.70 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45  | 1098525 | 54.71 | ng | 93     |
| 17) 2-Methylphenol             | 6.99 | 107 | 526604  | 54.24 | ng | # 91   |
| 18) Hexachloroethane           | 7.23 | 117 | 298634  | 57.96 | ng | # 89   |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 493049  | 59.64 | ng | # 79   |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 705792  | 59.90 | ng | 89     |
| 22) Acetophenone               | 7.14 | 105 | 1030932 | 57.40 | ng | 98     |
| 24) Nitrobenzene               | 7.31 | 77  | 829333  | 63.41 | ng | 98     |
| 25) Isophorone                 | 7.55 | 82  | 1345095 | 58.35 | ng | 98     |
| 26) 2-Nitrophenol              | 7.62 | 139 | 355682  | 57.19 | ng | # 78   |
| 27) 2,4-Dimethylphenol         | 7.68 | 122 | 674582  | 61.90 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93  | 853374  | 61.68 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 570709  | 59.87 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 620690  | 56.94 | ng | # 93   |
| 31) Naphthalene                | 8.03 | 128 | 1941477 | 55.93 | ng | 100    |
| 32) Benzoic acid               | 7.82 | 122 | 436215  | 52.14 | ng | 91     |
| 33) 4-Chloroaniline            | 8.08 | 127 | 797280  | 56.47 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.14 | 225 | 345512  | 53.63 | ng | 99     |
| 35) Caprolactam                | 8.48 | 113 | 174926  | 63.95 | ng | # 48   |
| 36) 4-Chloro-3-methylphenol    | 8.58 | 107 | 687853  | 65.54 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.72 | 142 | 1222611 | 57.37 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 604366  | 55.32 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.86 | 237 | 246163  | 49.56 | ng | 94     |

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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

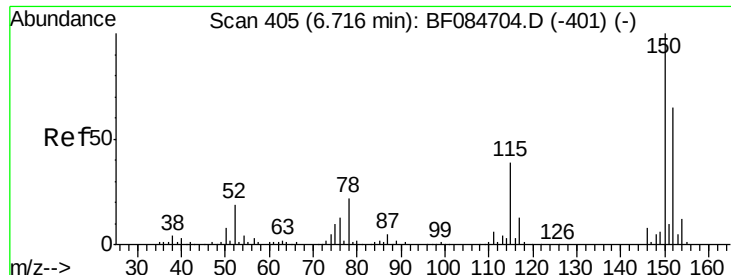
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Feb 01 13:56:01 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
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 QLast Update : Mon Feb 01 12:56:00 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.00  | 196  | 403151   | 59.41  | nq    | 95       |
| 43) 2,4,5-Trichlorophenol      | 9.05  | 196  | 397001   | 56.66  | nq    | 96       |
| 45) 1,1'-Biphenyl              | 9.18  | 154  | 1641699  | 53.17  | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.21  | 162  | 1239372  | 55.02  | nq    | 91       |
| 47) 2-Nitroaniline             | 9.31  | 65   | 432436   | 63.92  | nq    | # 74     |
| 48) Acenaphthylene             | 9.62  | 152  | 1836162  | 53.80  | nq    | 96       |
| 49) Dimethylphthalate          | 9.49  | 163  | 1323197  | 52.34  | nq    | # 90     |
| 50) 2,6-Dinitrotoluene         | 9.55  | 165  | 283586   | 50.98  | nq    | # 53     |
| 51) Acenaphthene               | 9.79  | 154  | 1161371  | 50.82  | nq    | 98       |
| 52) 3-Nitroaniline             | 9.72  | 138  | 372999   | 64.17  | nq    | 90       |
| 53) 2,4-Dinitrophenol          | 9.82  | 184  | 144983   | 52.82  | nq    | # 86     |
| 54) Dibenzofuran               | 9.96  | 168  | 1484124  | 54.41  | nq    | 94       |
| 55) 4-Nitrophenol              | 9.89  | 139  | 241516   | 56.57  | nq    | # 80     |
| 56) 2,4-Dinitrotoluene         | 9.95  | 165  | 359579   | 49.76  | nq    | # 76     |
| 57) Fluorene                   | 10.30 | 166  | 1280850  | 55.40  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 309391   | 58.40  | nq    | 89       |
| 59) Diethylphthalate           | 10.19 | 149  | 1413568  | 57.11  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.29 | 204  | 533275   | 51.38  | nq    | 89       |
| 61) 4-Nitroaniline             | 10.34 | 138  | 379140   | 68.91  | nq    | 87       |
| 62) Azobenzene                 | 10.45 | 77   | 1263964  | 53.36  | nq    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 219741   | 56.49  | nq    | # 77     |
| 65) n-Nitrosodiphenylamine     | 10.42 | 169  | 1012909  | 52.45  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.78 | 248  | 380673   | 56.75  | nq    | # 84     |
| 67) Hexachlorobenzene          | 10.85 | 284  | 420025   | 57.57  | nq    | # 83     |
| 68) Atrazine                   | 10.96 | 200  | 388043   | 67.07  | nq    | 95       |
| 69) Pentachlorophenol          | 11.05 | 266  | 224749   | 63.76  | nq    | 99       |
| 70) Phenanthrene               | 11.26 | 178  | 1890158  | 57.39  | nq    | 98       |
| 71) Anthracene                 | 11.31 | 178  | 1812598  | 54.13  | nq    | 98       |
| 72) Carbazole                  | 11.47 | 167  | 1615975  | 56.00  | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.80 | 149  | 2048205  | 58.36  | nq    | # 96     |
| 74) Fluoranthene               | 12.44 | 202  | 1854530  | 56.96  | nq    | 98       |
| 76) Benzidine                  | 12.57 | 184  | 807316   | 49.05  | nq    | 97       |
| 77) Pyrene                     | 12.67 | 202  | 1953357  | 59.85  | nq    | 97       |
| 79) Butylbenzylphthalate       | 13.30 | 149  | 919621   | 65.96  | nq    | 97       |
| 80) Benzo(a)anthracene         | 13.86 | 228  | 1551172  | 57.50  | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 571271   | 60.19  | nq    | # 96     |
| 82) Chrysene                   | 13.89 | 228  | 1479252  | 55.63  | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 1074855  | 59.43  | nq    | 97       |
| 84) Di-n-octyl phthalate       | 14.48 | 149  | 1875211  | 65.62  | nq    | # 91     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.56 | 276  | 1292689  | 54.99  | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.87 | 252  | 2534646  | 106.07 | nq    | # 97     |
| 88) Benzo(k)fluoranthene       | 14.87 | 252  | 2535998  | 128.48 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.20 | 252  | 1232190  | 59.61  | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.57 | 278  | 1061775  | 57.00  | nq    | 100      |
| 91) Benzo(g,h,i)perylene       | 16.96 | 276  | 1103334  | 58.66  | nq    | 96       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

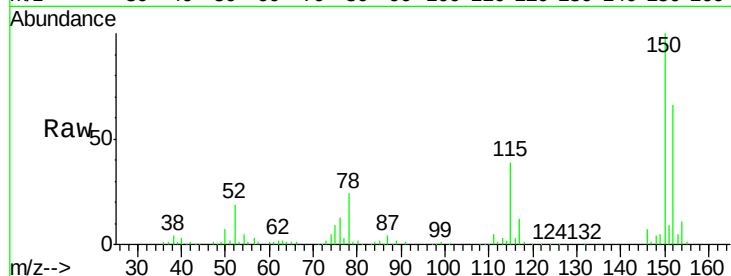
Tot Ion:152 Resp: 170451

Ion Ratio Lower Upper

152 100

150 151.6 123.0 184.4

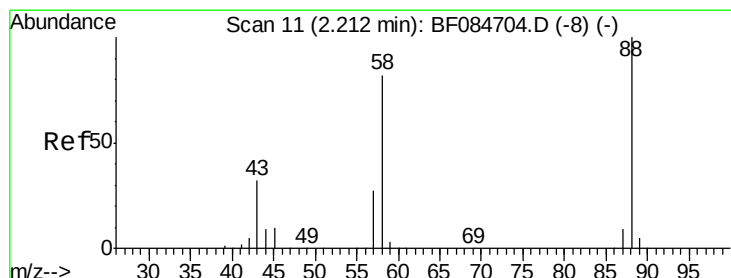
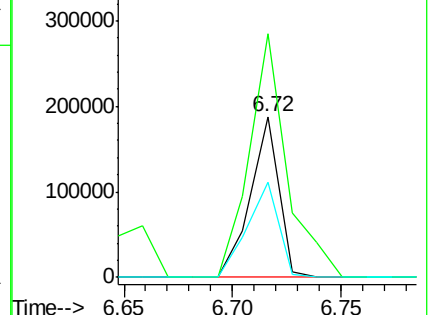
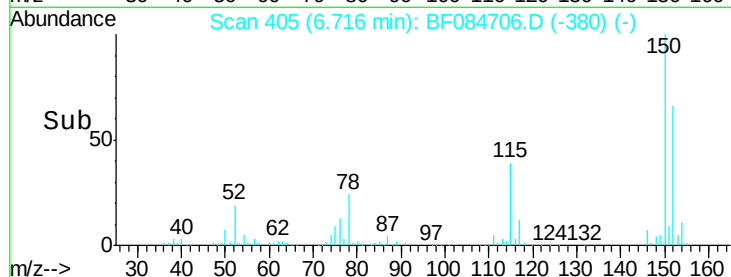
115 59.1 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 52.81 ng

RT: 2.20 min Scan# 10

Delta R.T. -0.02 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

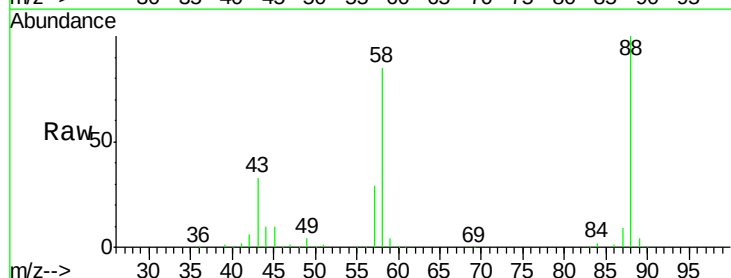
Tgt Ion: 88 Resp: 278039

Ion Ratio Lower Upper

88 100

58 83.7 51.2 76.8#

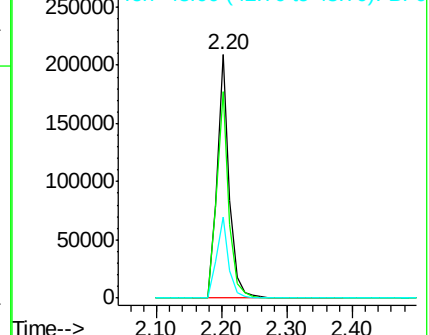
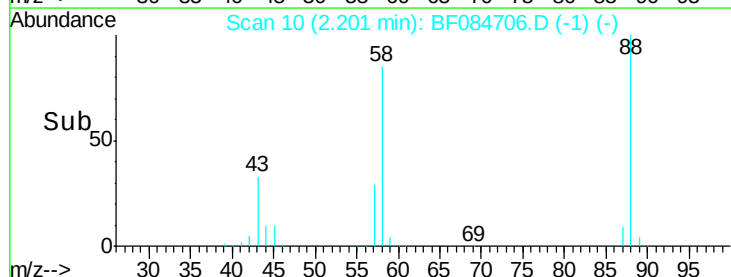
43 32.8 19.5 29.3#

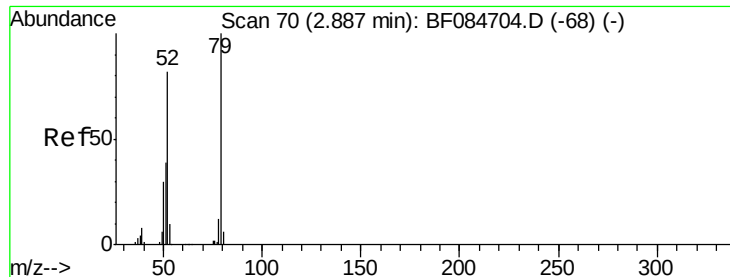


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 55.07 ng

RT: 2.88 min Scan# 69

Delta R.T. -0.03 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

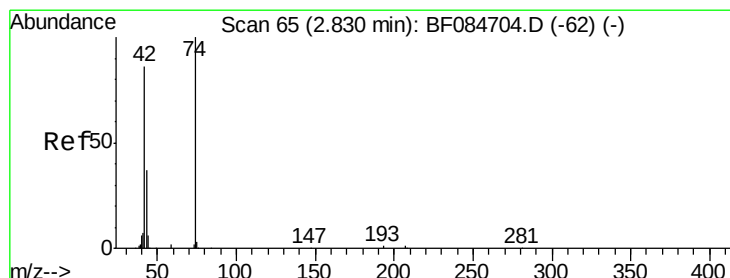
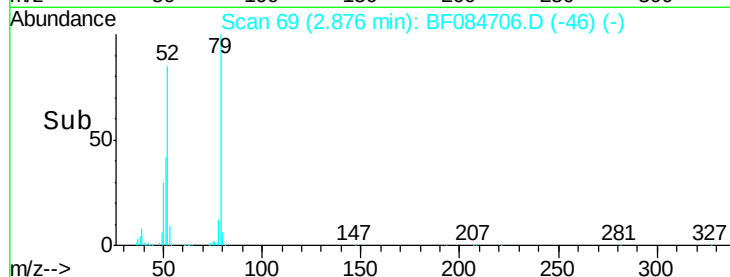
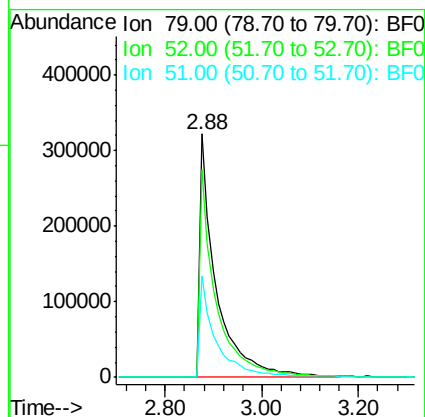
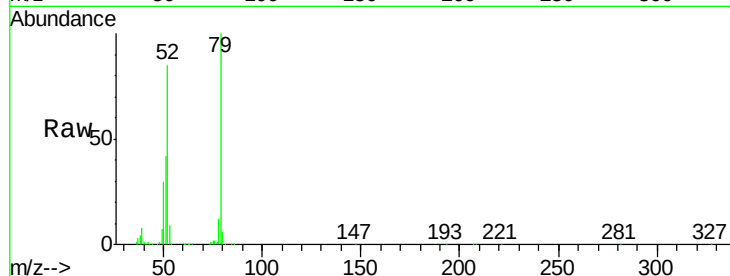
Tot Ion: 79 Resp: 772509

Ion Ratio Lower Upper

79 100

52 85.2 49.0 73.4#

51 41.9 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 55.44 ng

RT: 2.84 min Scan# 66

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

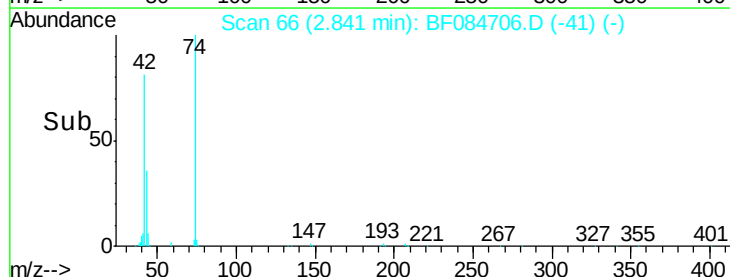
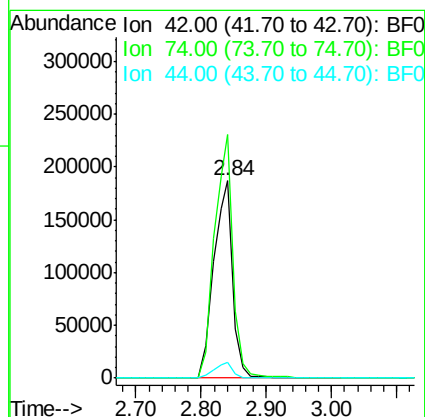
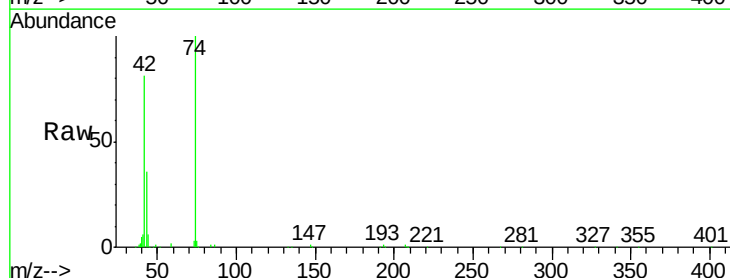
Tgt Ion: 42 Resp: 380213

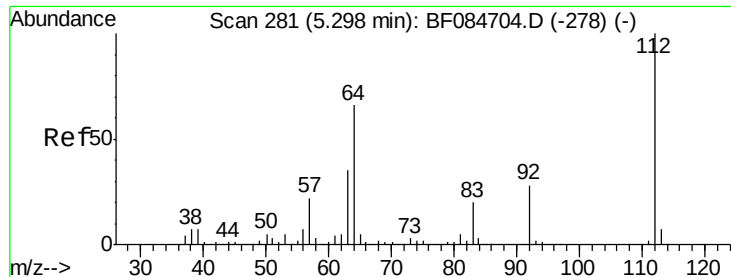
Ion Ratio Lower Upper

42 100

74 123.5 115.7 173.5

44 7.7 5.1 7.7#





#5

2-Fluorophenol

Concen: 105.21 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

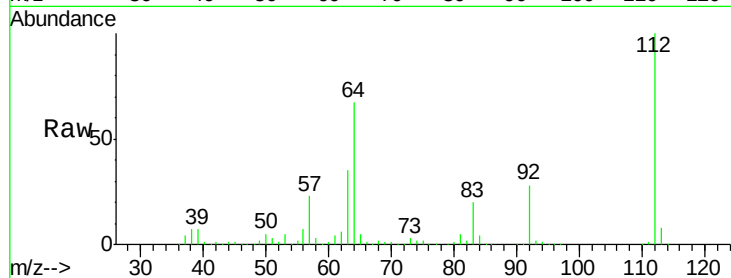
Tot Ion:112 Resp: 1187998

Ion Ratio Lower Upper

112 100

64 67.4 36.6 55.0#

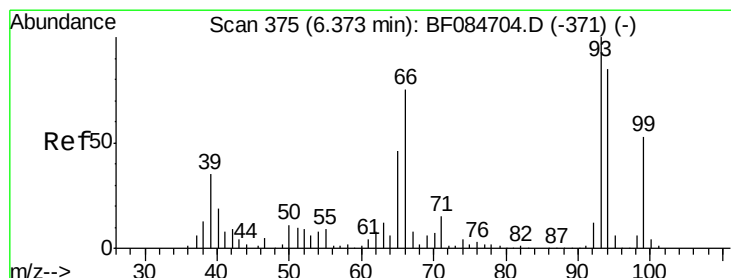
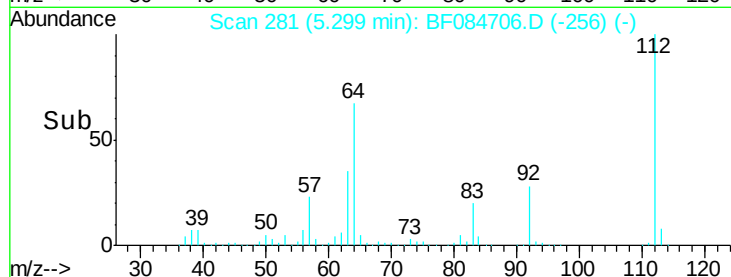
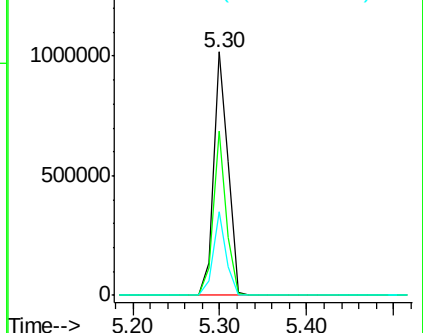
63 34.6 19.4 29.0#



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: 54.27 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

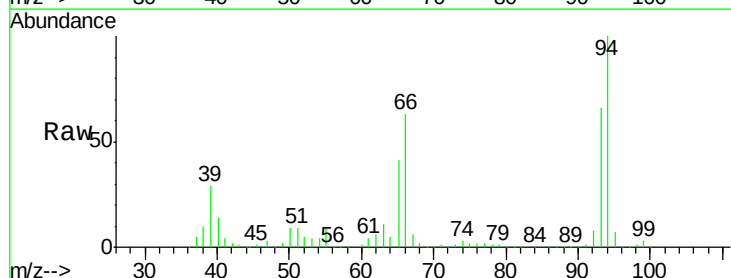
Tgt Ion: 93 Resp: 942852

Ion Ratio Lower Upper

93 100

66 95.0 44.9 67.3#

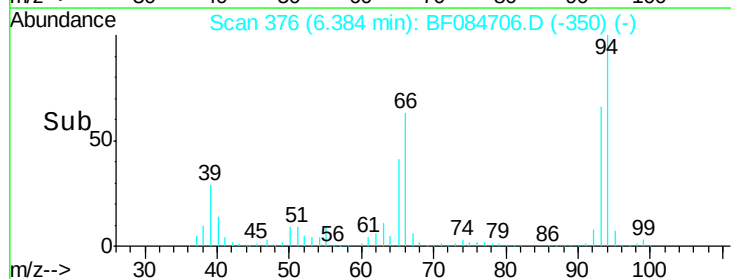
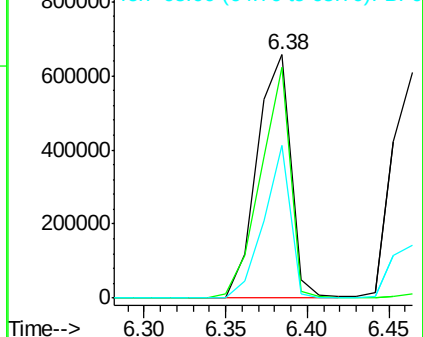
65 62.7 23.7 35.5#

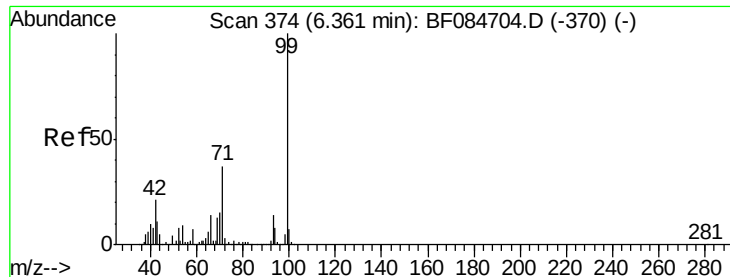


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.84 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampled :

SSTDICC060

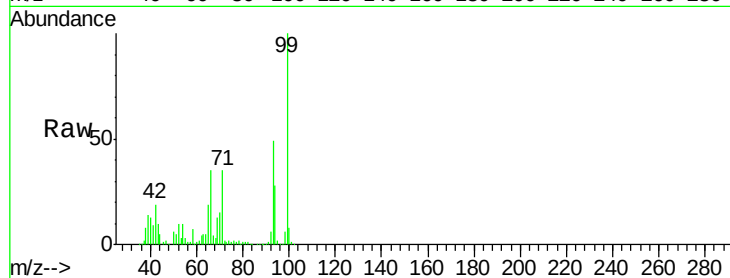
Tot Ion: 99 Resp: 1540771

Ion Ratio Lower Upper

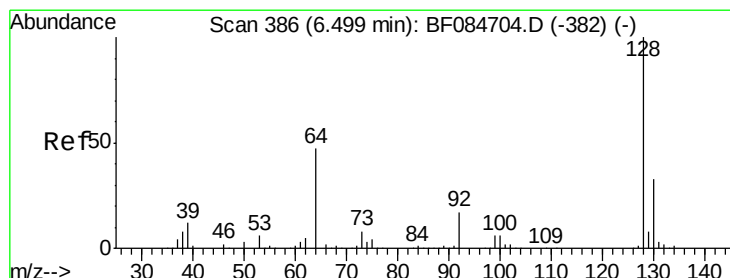
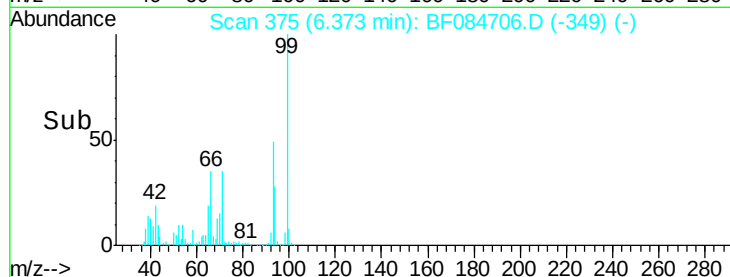
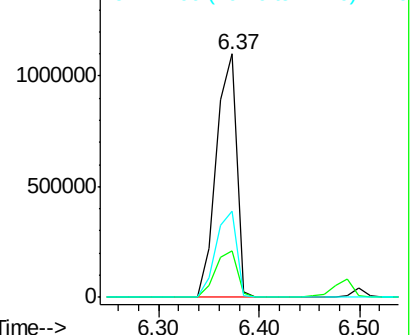
99 100

42 19.1 12.8 19.2

71 35.5 30.9 46.3



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: 52.90 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

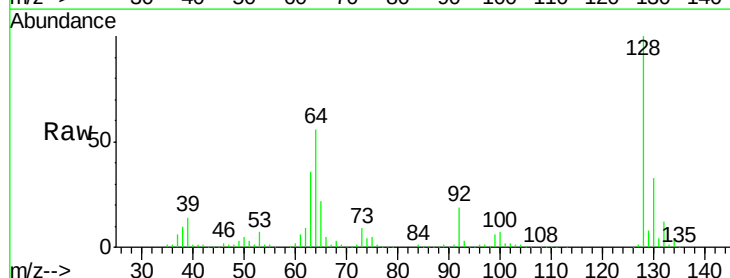
Tgt Ion: 128 Resp: 662528

Ion Ratio Lower Upper

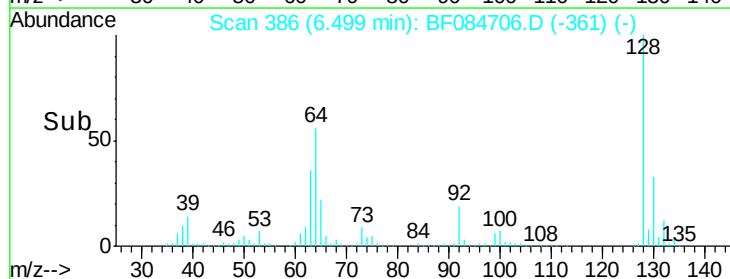
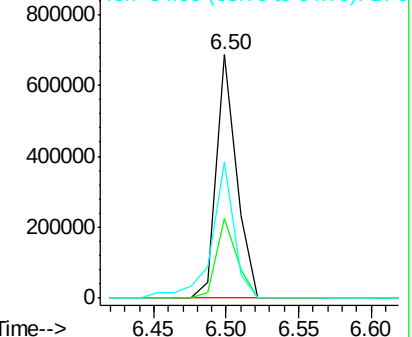
128 100

130 32.8 11.6 51.6

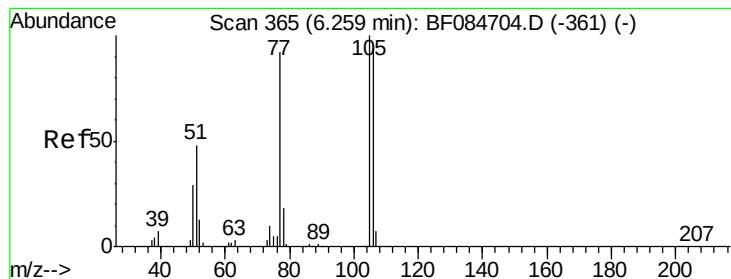
64 56.1 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 56.98 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

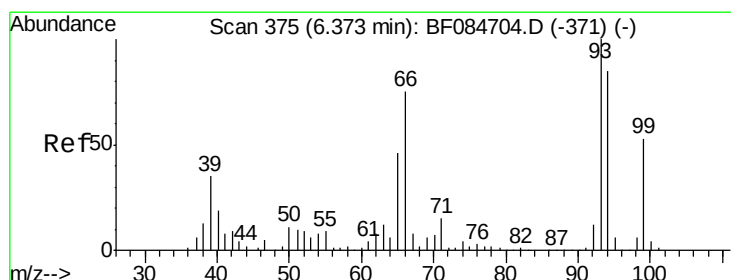
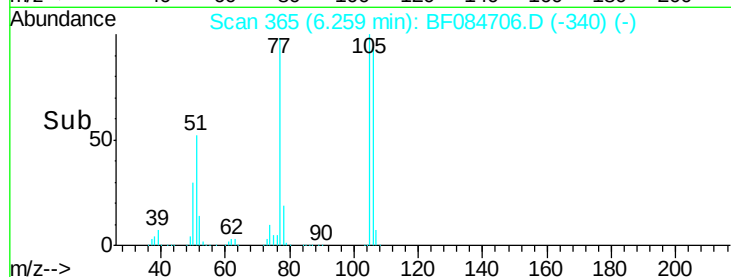
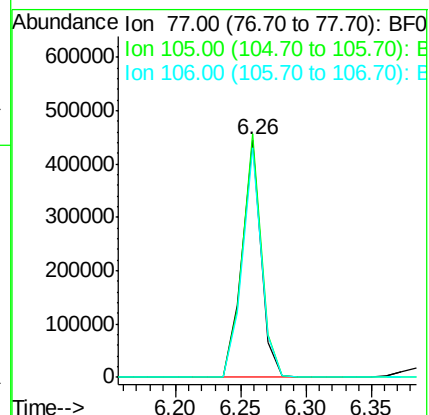
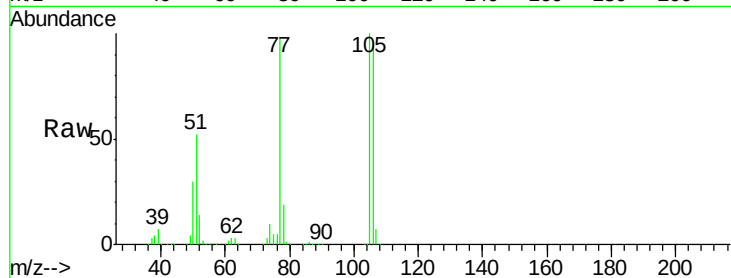
Tot Ion: 77 Resp: 446577

Ion Ratio Lower Upper

77 100

105 102.5 83.0 123.0

106 96.5 74.6 114.6



#10

Phenol

Concen: 62.54 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

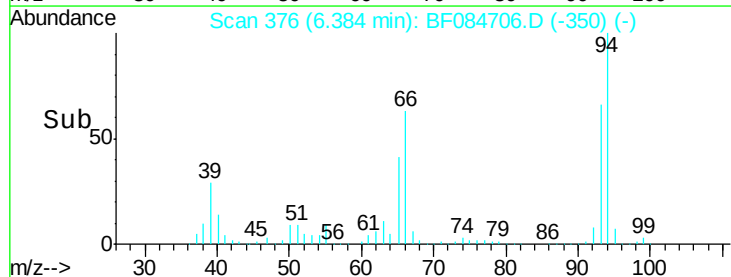
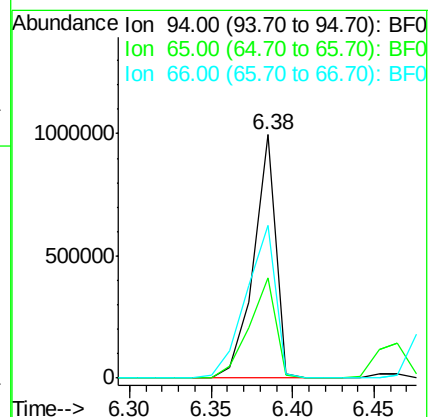
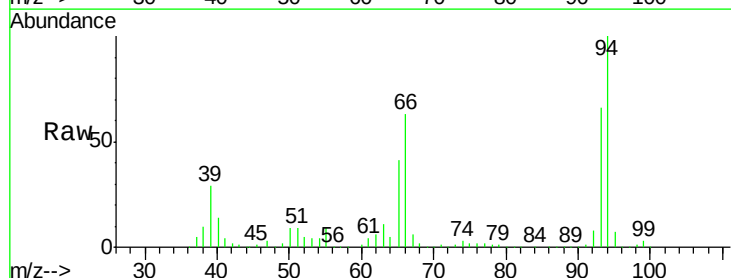
Tgt Ion: 94 Resp: 943412

Ion Ratio Lower Upper

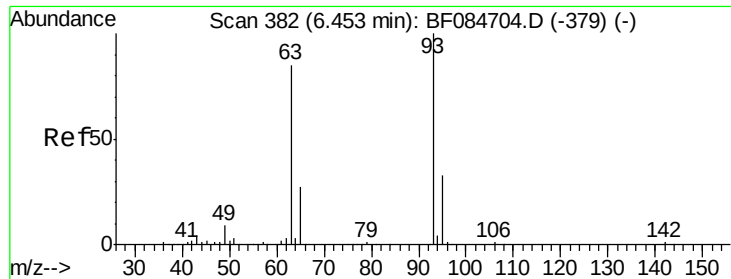
94 100

65 41.3 12.9 52.9

66 62.6 32.7 72.7







#11

bis(2-Chloroethyl)ether

Concen: 60.90 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

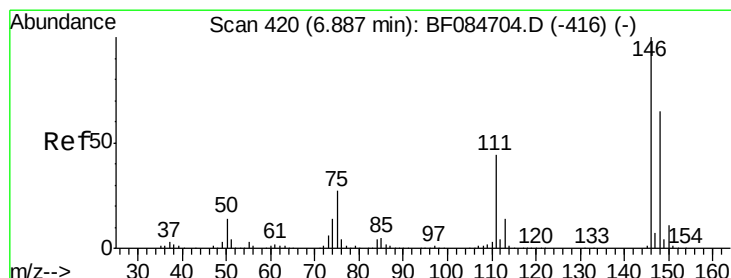
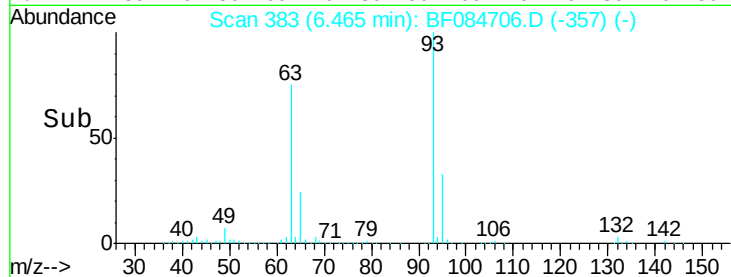
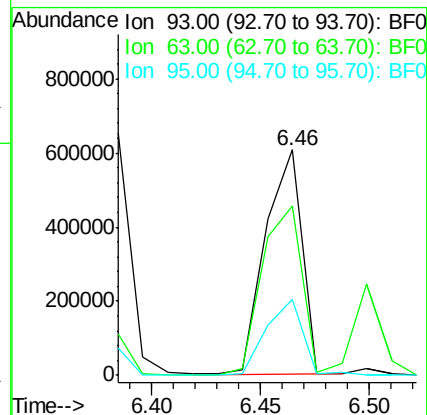
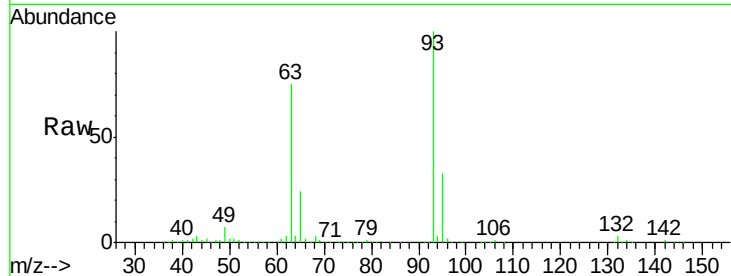
Tot Ion: 93 Resp: 714483

Ion Ratio Lower Upper

93 100

63 75.0 45.9 85.9

95 33.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 54.83 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

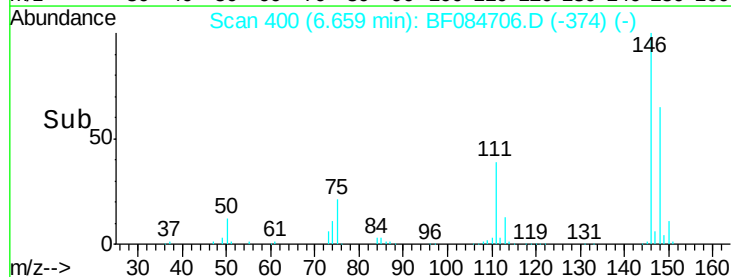
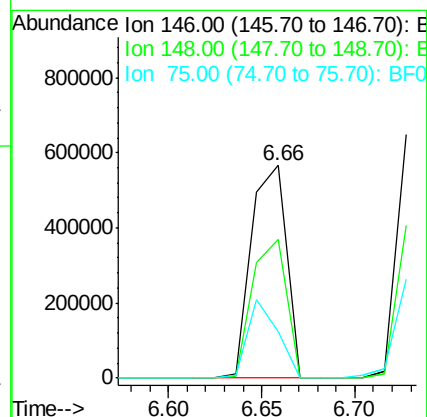
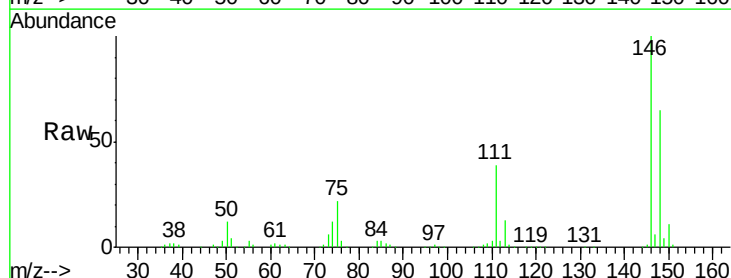
Tgt Ion: 146 Resp: 735784

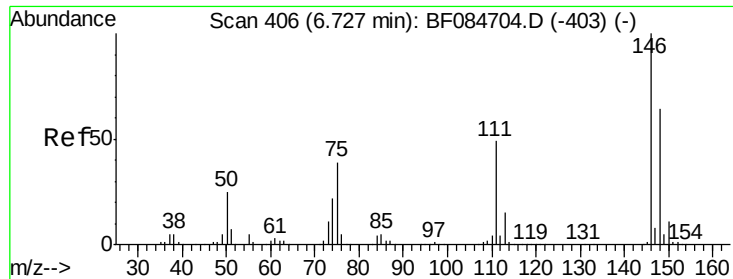
Ion Ratio Lower Upper

146 100

148 65.3 51.9 77.9

75 21.7 20.5 30.7

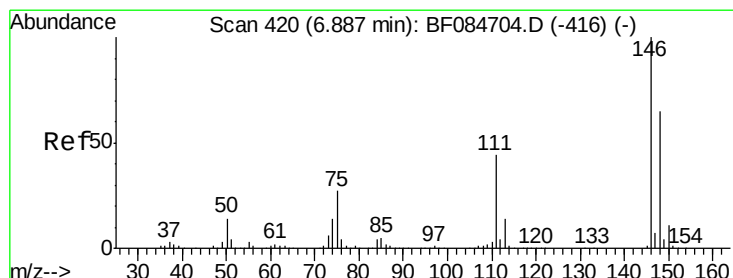
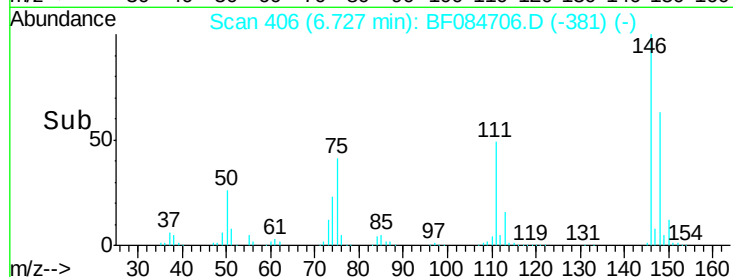
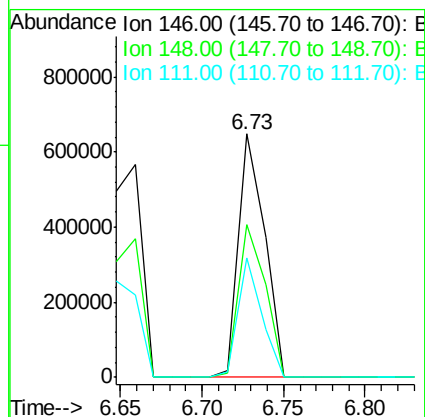
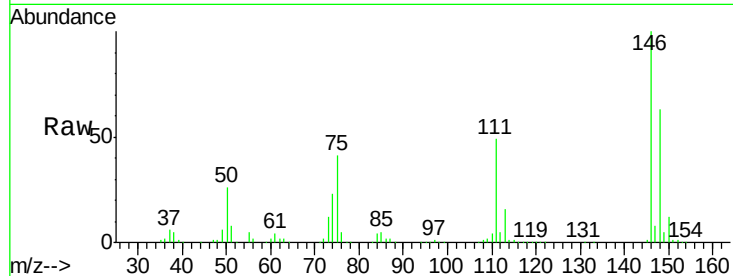




#13  
 1,4-Dichlorobenzene  
 Concen: 54.32 ng  
 RT: 6.73 min Scan# 406  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

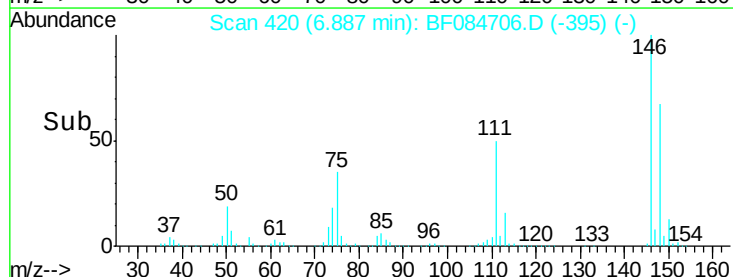
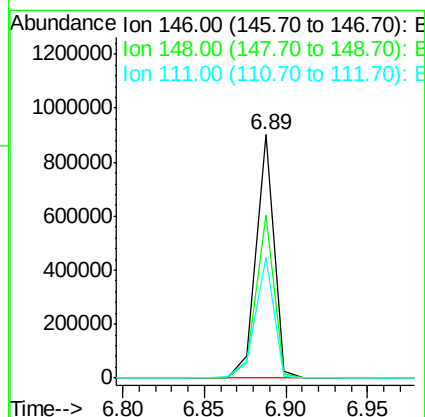
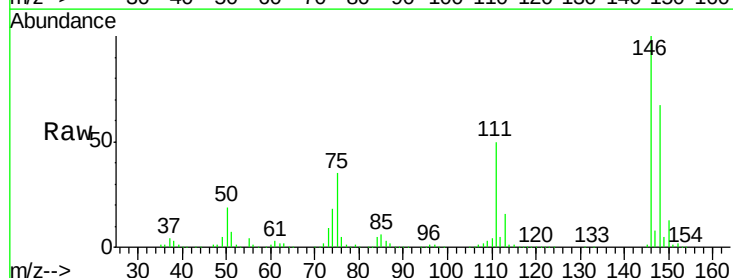
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

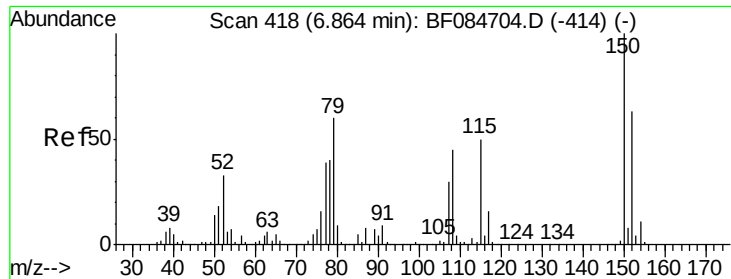
Tot Ion:146 Resp: 715401  
 Ion Ratio Lower Upper  
 146 100  
 148 62.6 51.9 77.9  
 111 48.9 41.6 62.4



#14  
 1,2-Dichlorobenzene  
 Concen: 57.37 ng  
 RT: 6.89 min Scan# 420  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

Tgt Ion:146 Resp: 695693  
 Ion Ratio Lower Upper  
 146 100  
 148 66.7 51.6 77.4  
 111 49.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 56.70 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

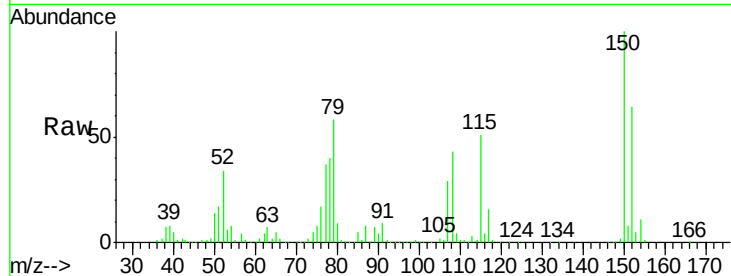
Tot Ion: 79 Resp: 522298

Ion Ratio Lower Upper

79 100

108 73.0 69.0 103.4

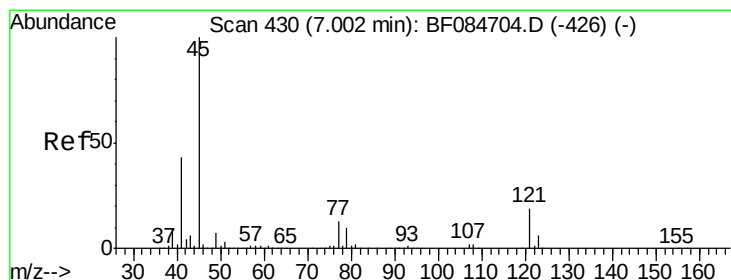
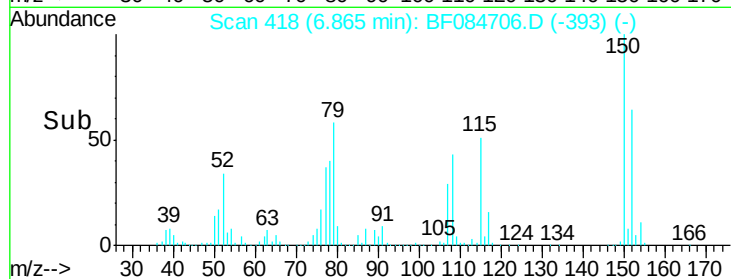
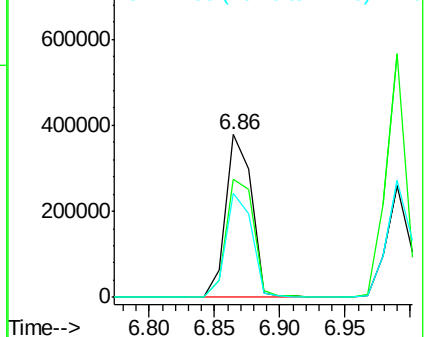
77 63.9 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.71 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

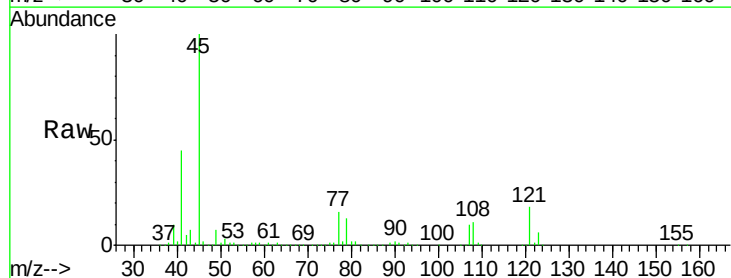
Tgt Ion: 45 Resp: 1098525

Ion Ratio Lower Upper

45 100

77 15.7 0.0 39.6

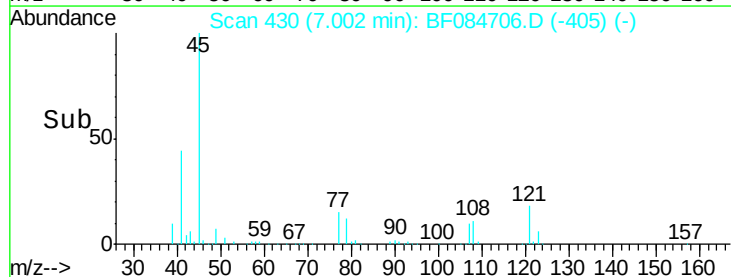
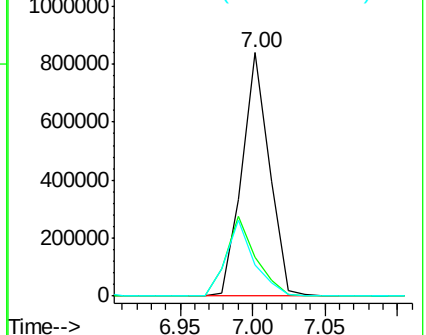
79 12.6 0.0 35.0

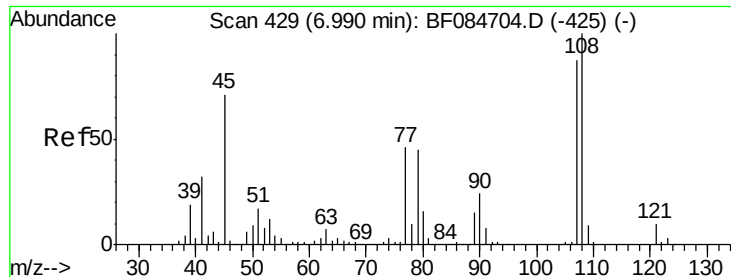


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 54.24 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:107 Resp: 526604

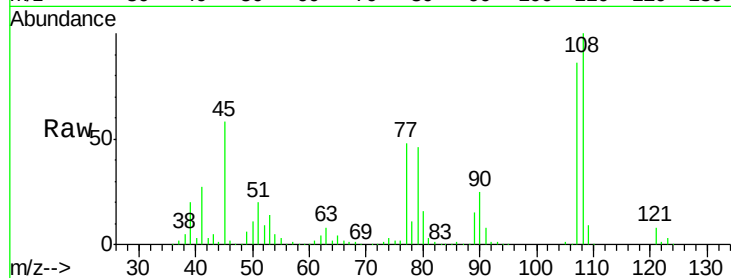
Ion Ratio Lower Upper

107 100

108 116.6 89.8 134.6

77 56.3 35.7 53.5#

79 53.8 35.7 53.5#



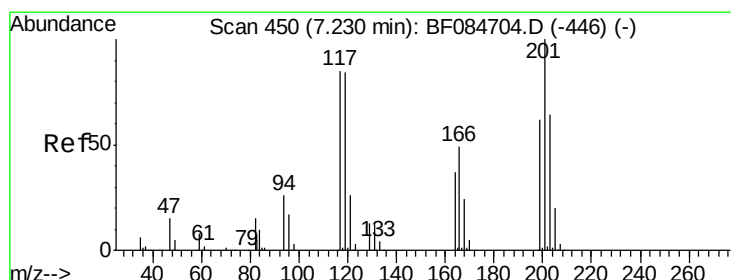
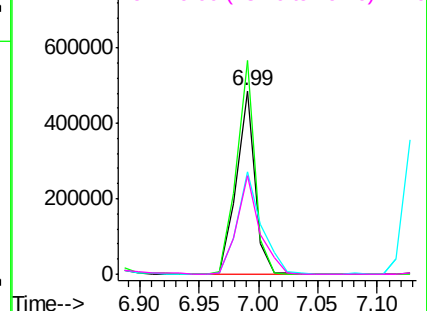
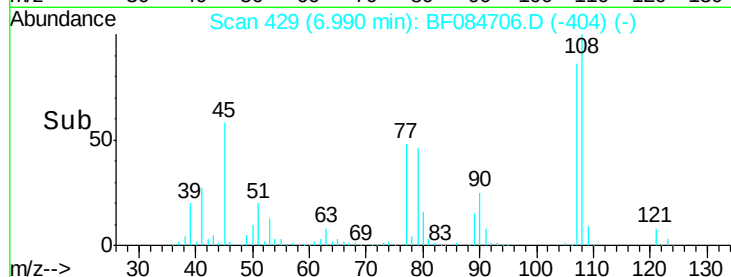
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 57.96 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

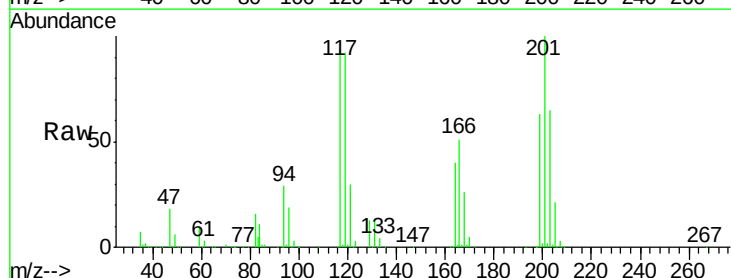
Tgt Ion:117 Resp: 298634

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.0

201 105.9 68.6 103.0#

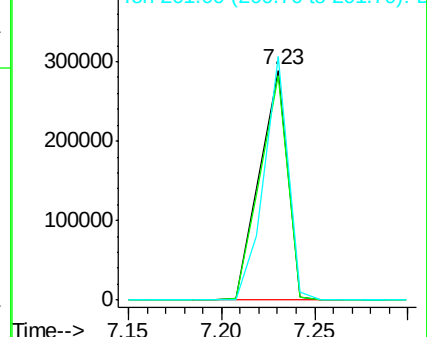
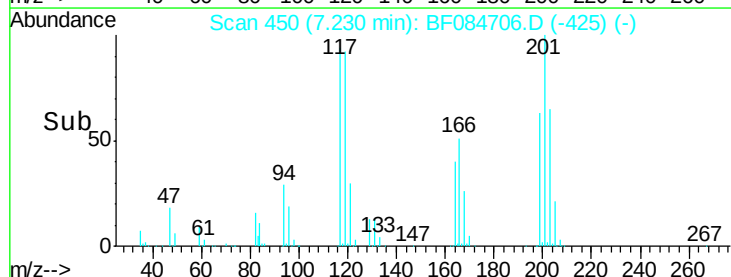


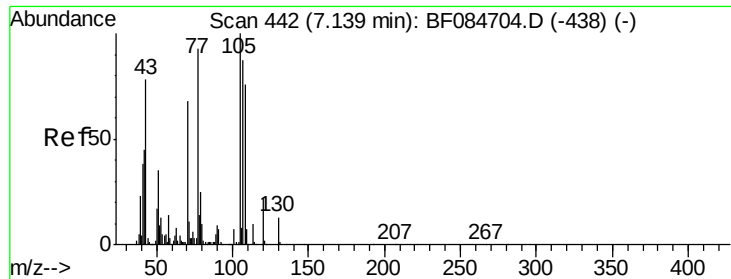
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

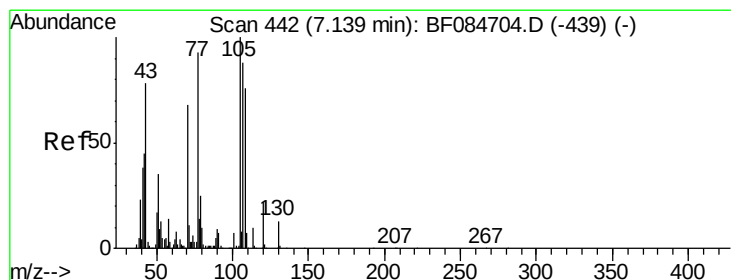
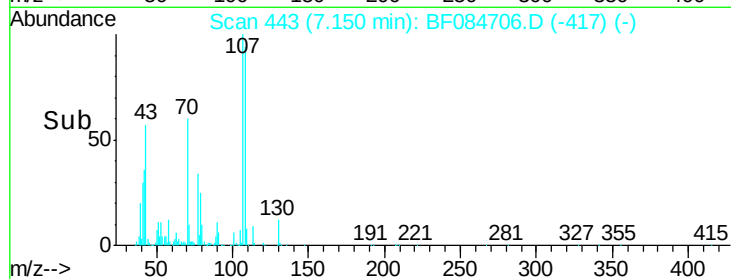
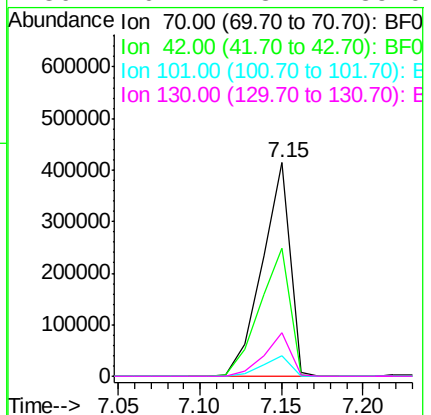
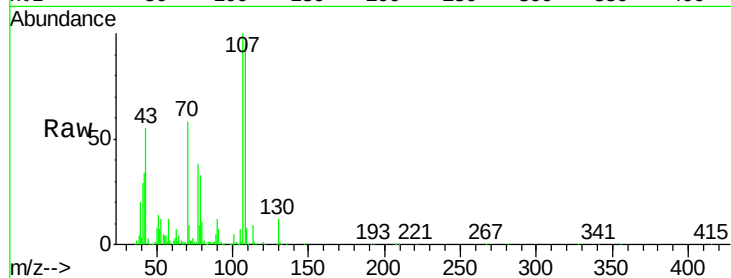




#19  
n-Nitroso-di-n-propylamine  
Concen: 59.64 ng  
RT: 7.15 min Scan# 443  
Delta R.T. -0.00 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

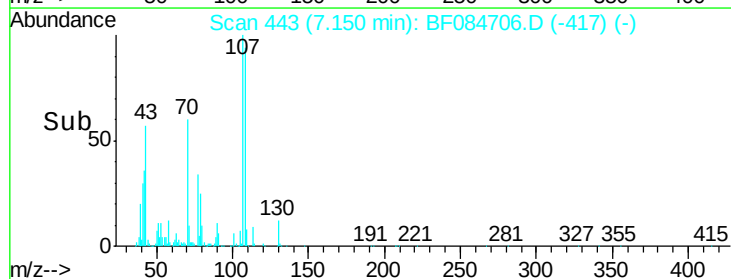
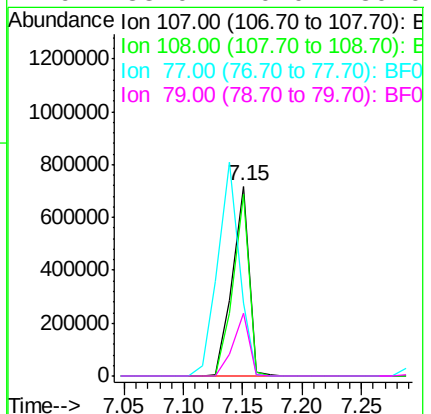
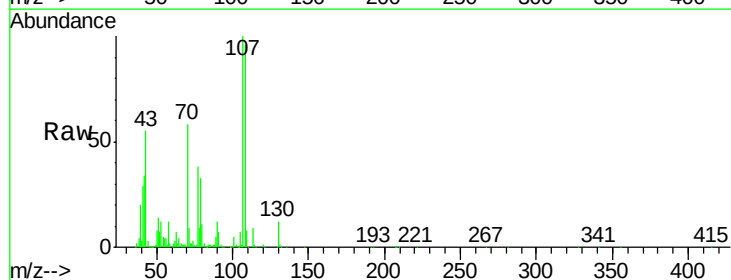
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

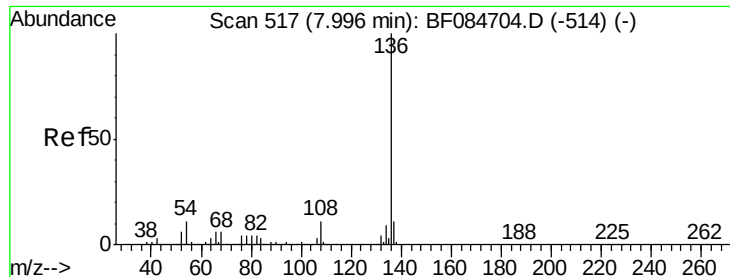
Tot Ion: 70 Resp: 493049  
Ion Ratio Lower Upper  
70 100  
42 59.7 33.3 49.9#  
101 9.5 9.3 13.9  
130 20.7 23.4 35.0#



#20  
3+4-Methylphenols  
Concen: 59.90 ng  
RT: 7.15 min Scan# 443  
Delta R.T. -0.00 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

Tgt Ion: 107 Resp: 705792  
Ion Ratio Lower Upper  
107 100  
108 95.8 74.6 114.6  
77 38.4 0.7 40.7  
79 33.0 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 687692

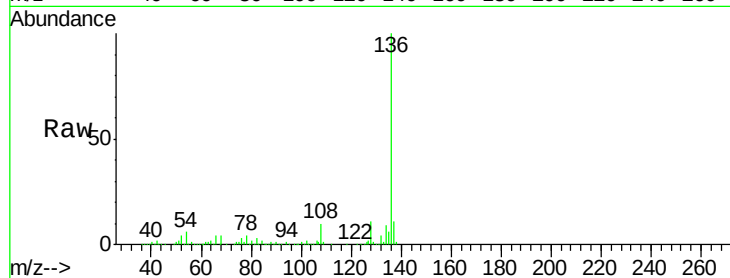
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.4 5.8 8.8

68 4.0 4.2 6.2#

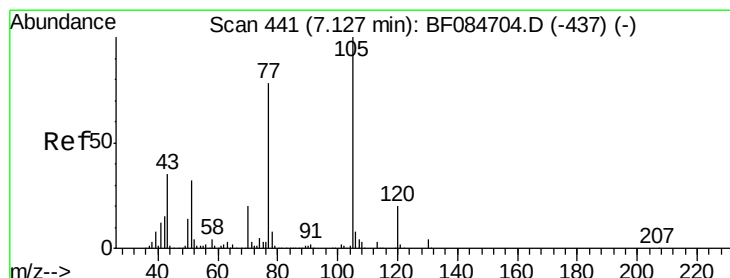
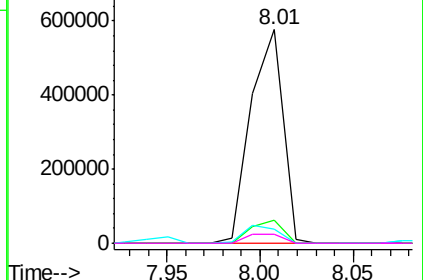
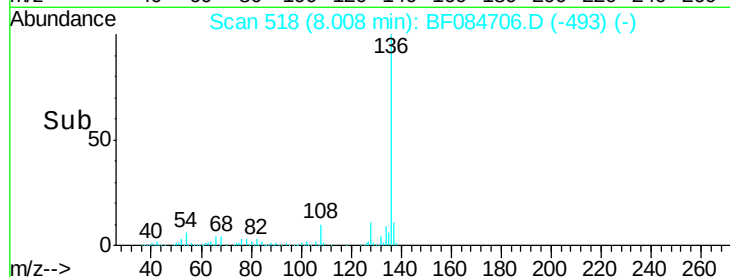


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.40 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Tgt Ion:105 Resp: 1030932

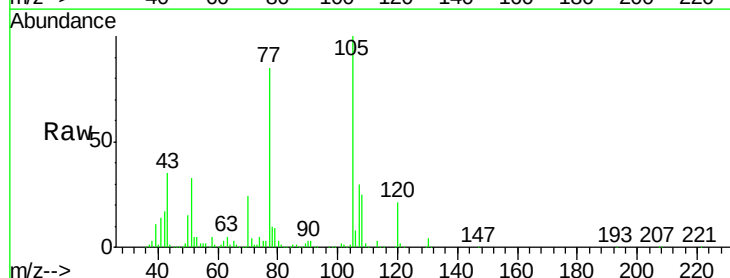
Ion Ratio Lower Upper

105 100

71 4.0 3.7 5.5

51 33.3 25.1 37.7

120 21.1 16.6 25.0

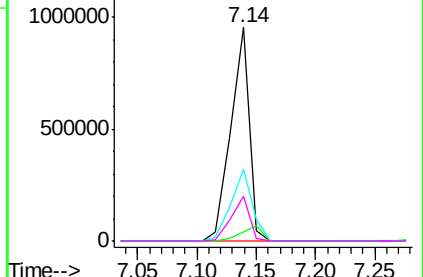
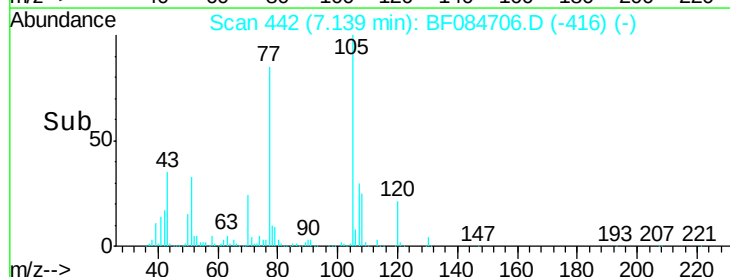


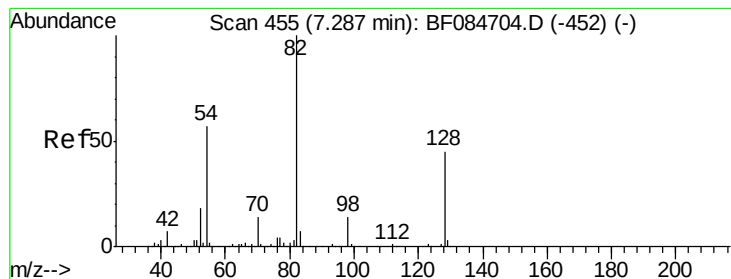
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 108.97 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

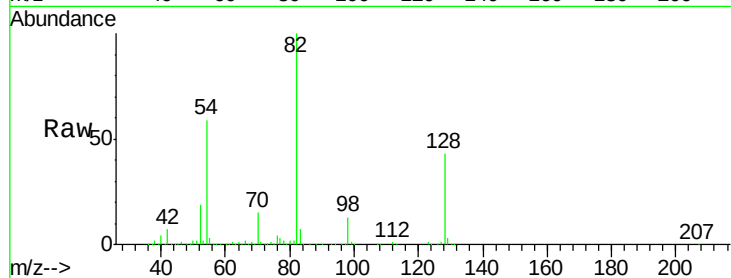
Tot Ion: 82 Resp: 1340917

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.7  | 34.6  | 51.8  |
| 54  | 58.5  | 38.4  | 57.6  |

82 100

128 42.7 34.6 51.8

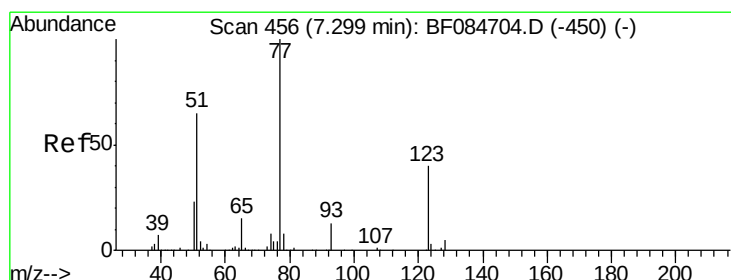
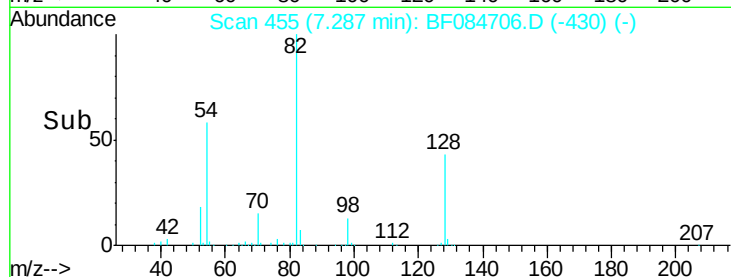
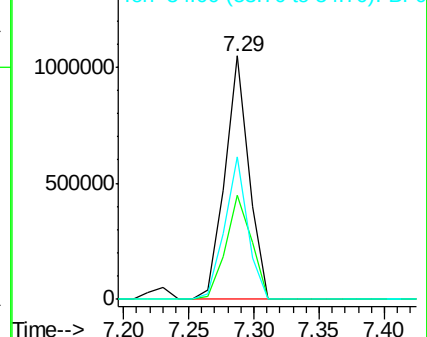
54 58.5 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 63.41 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

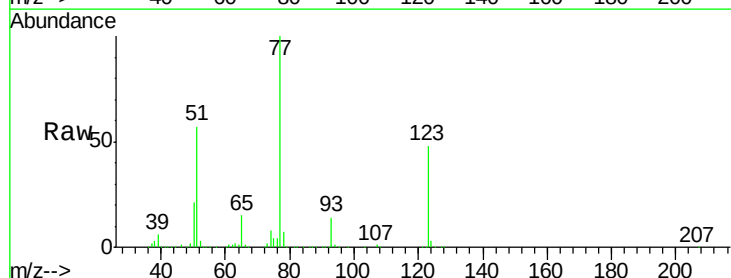
Tgt Ion: 77 Resp: 829333

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.5  | 37.4  | 56.2  |
| 65  | 14.9  | 10.9  | 16.3  |

77 100

123 47.5 37.4 56.2

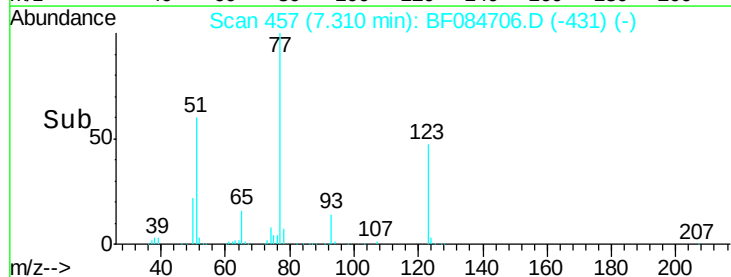
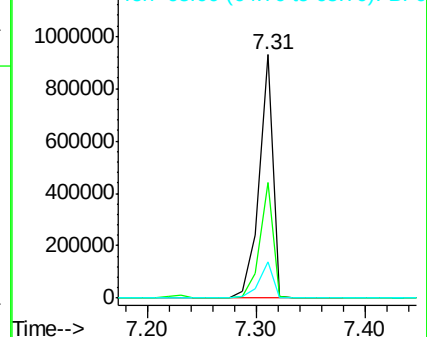
65 14.9 10.9 16.3



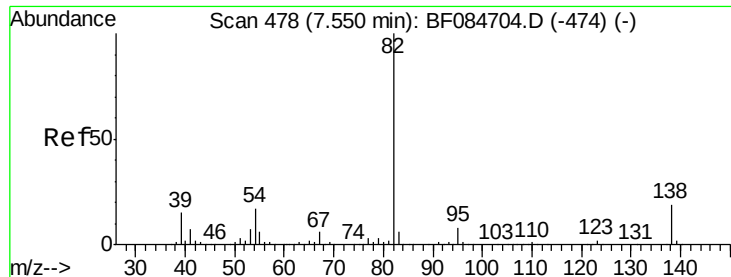
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0







#25

Isophorone

Concen: 58.35 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

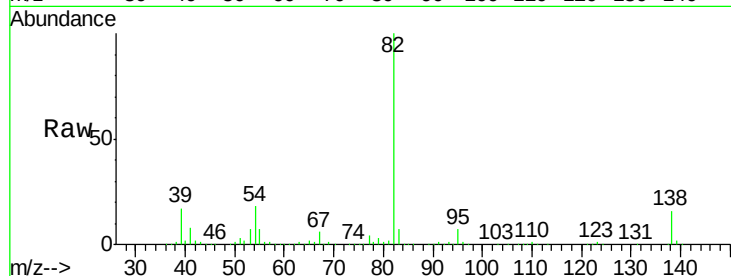
Tot Ion: 82 Resp: 1345095

Ion Ratio Lower Upper

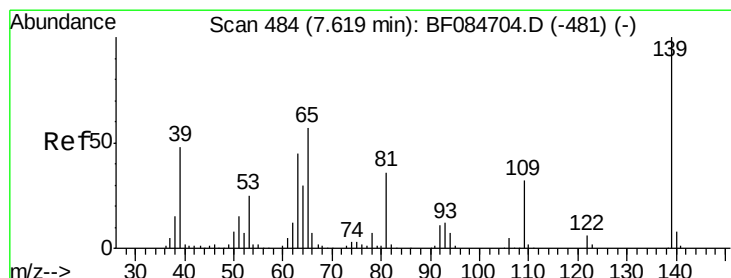
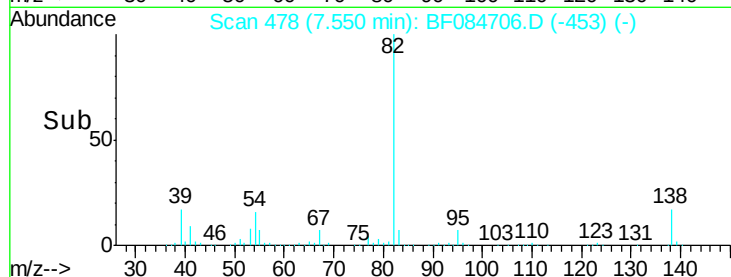
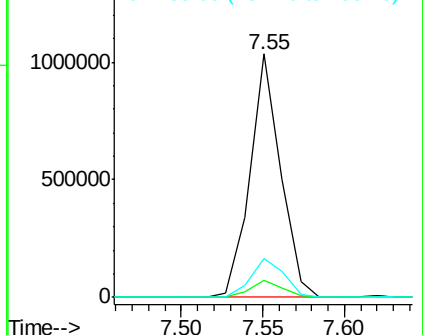
82 100

95 7.2 6.6 10.0

138 16.2 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 57.19 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

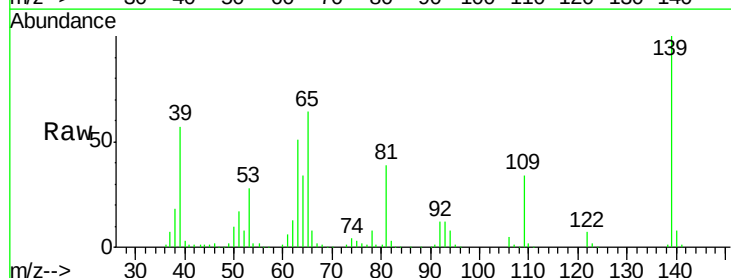
Tgt Ion: 139 Resp: 355682

Ion Ratio Lower Upper

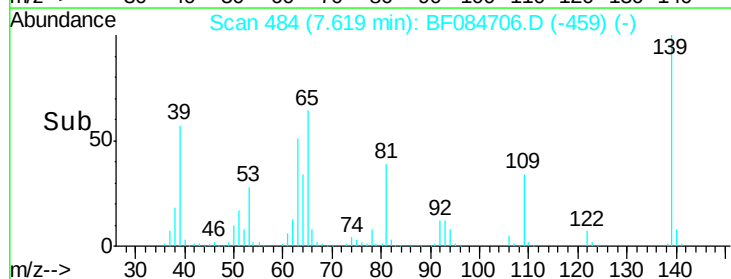
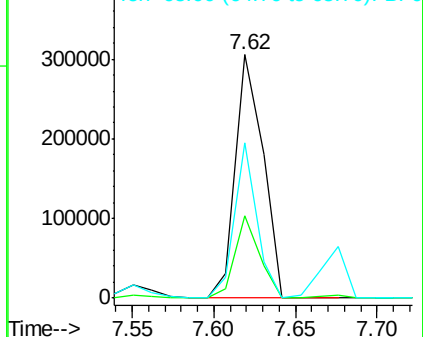
139 100

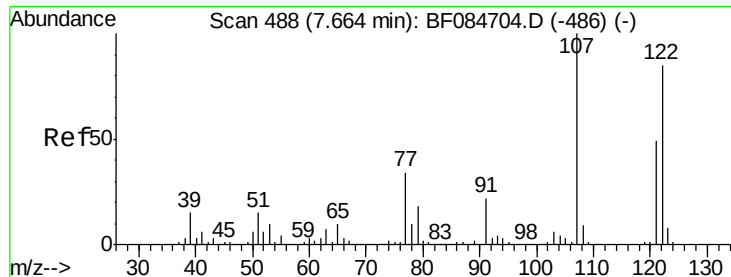
109 33.8 25.4 38.2

65 63.5 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 61.90 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

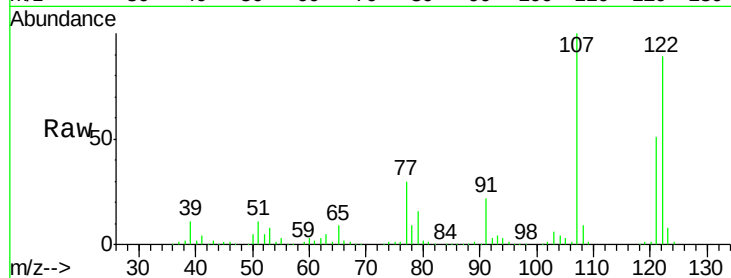
Tot Ion:122 Resp: 674582

Ion Ratio Lower Upper

122 100

107 112.7 99.1 148.7

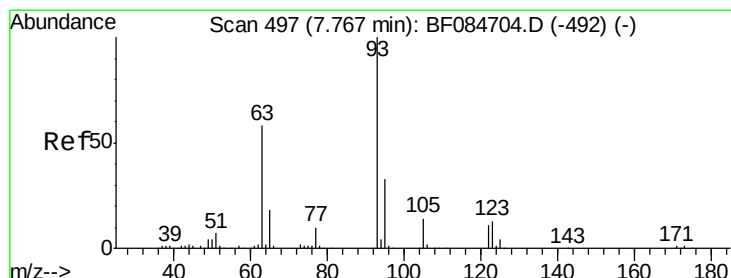
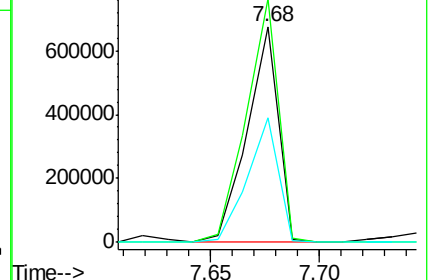
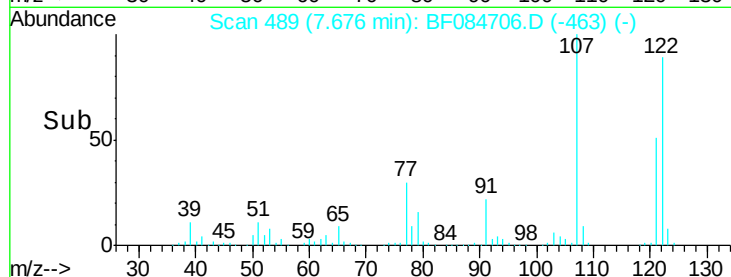
121 57.4 47.9 71.9



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: 61.68 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

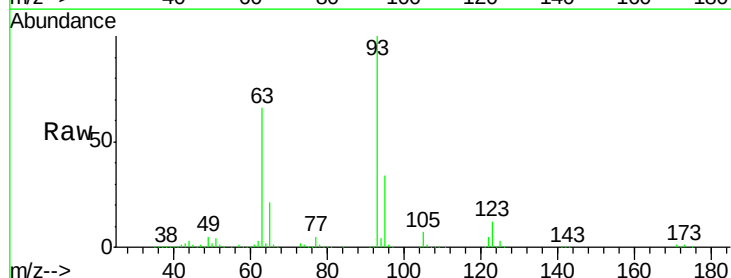
Tgt Ion: 93 Resp: 853374

Ion Ratio Lower Upper

93 100

95 34.2 25.8 38.6

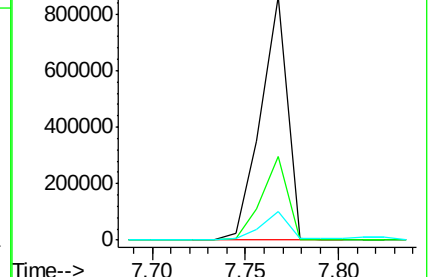
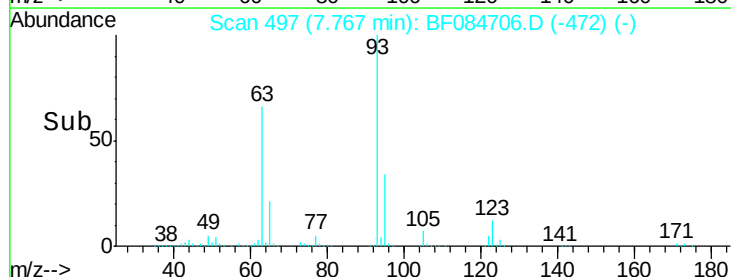
123 11.6 8.6 12.8

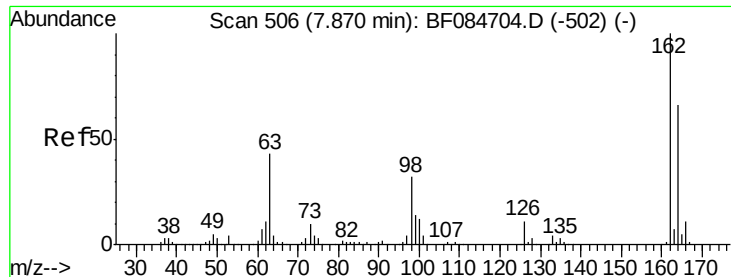


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

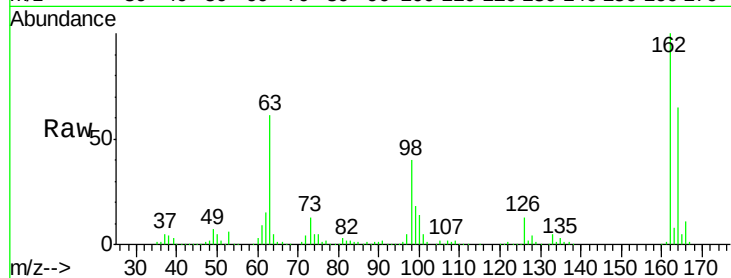




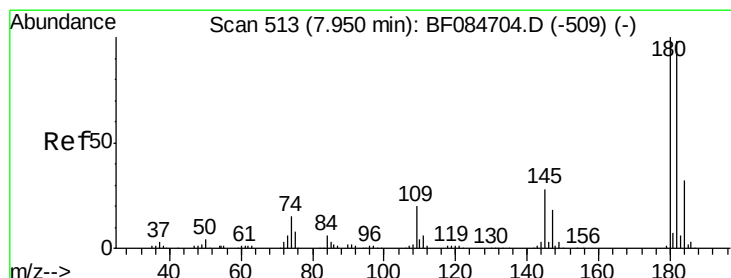
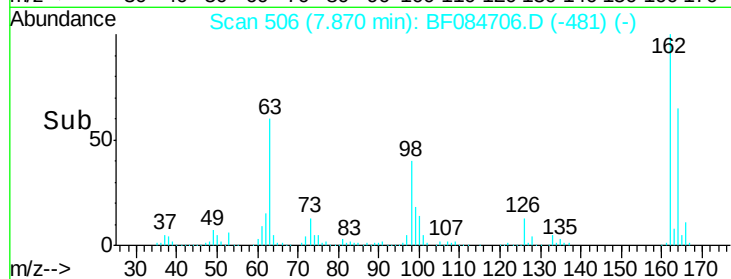
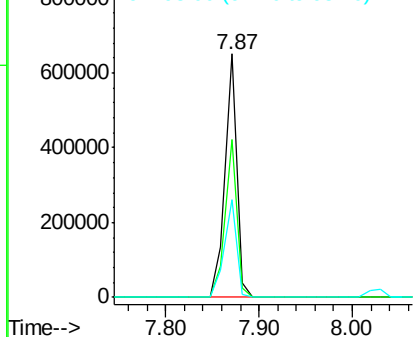
#29  
 2,4-Dichlorophenol  
 Concen: 59.87 ng  
 RT: 7.87 min Scan# 506  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:162 Resp: 570709  
 Ion Ratio Lower Upper  
 162 100  
 164 64.7 44.1 84.1  
 98 40.3 20.2 60.2

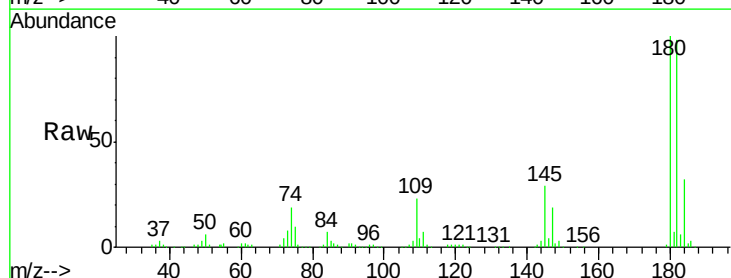


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

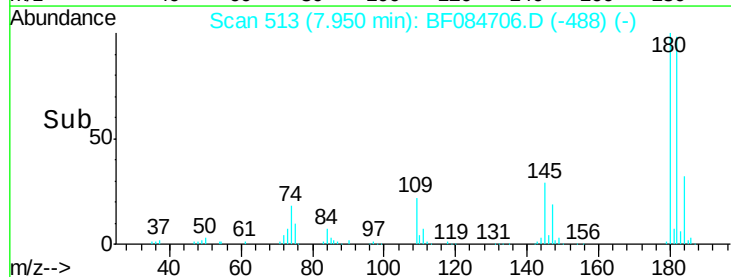
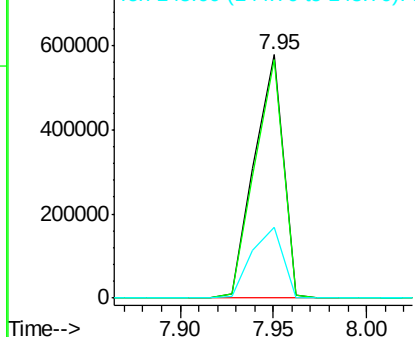


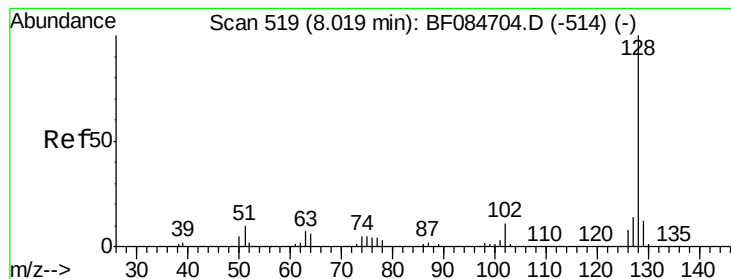
#30  
 1,2,4-Trichlorobenzene  
 Concen: 56.94 ng  
 RT: 7.95 min Scan# 513  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

Tgt Ion:180 Resp: 620690  
 Ion Ratio Lower Upper  
 180 100  
 182 97.8 76.4 114.6  
 145 29.3 31.6 47.4#



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





#31

Naphthalene

Concen: 55.93 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

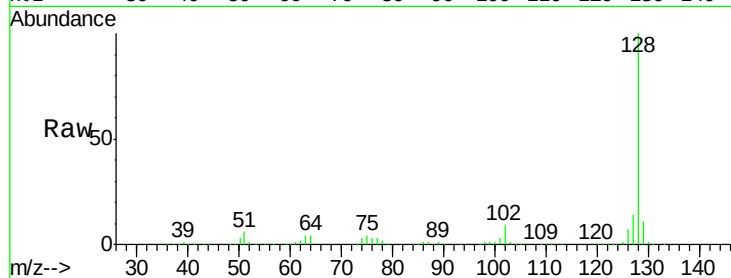
Tot Ion:128 Resp: 1941477

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

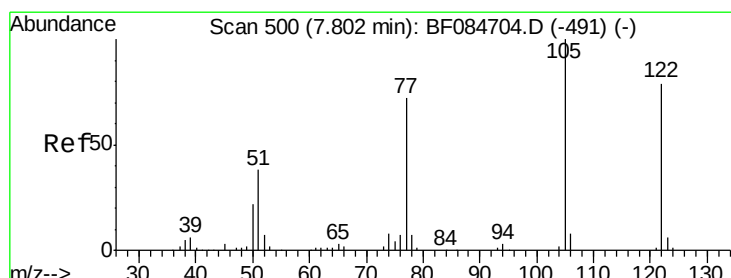
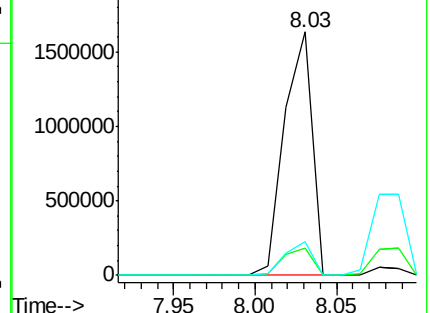
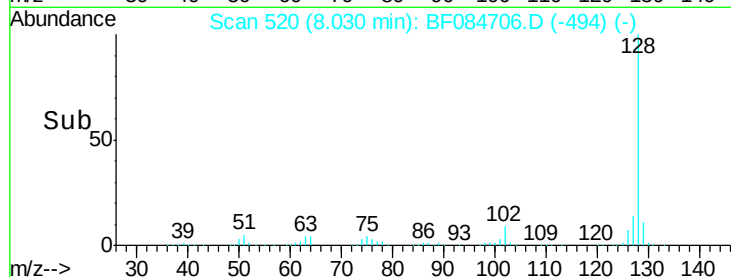
127 13.7 11.1 16.7



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: 52.14 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

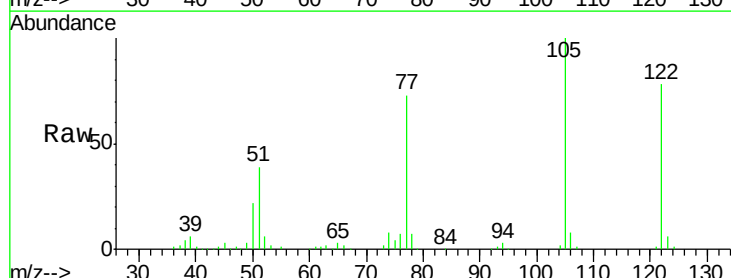
Tgt Ion:122 Resp: 436215

Ion Ratio Lower Upper

122 100

105 128.4 100.3 140.3

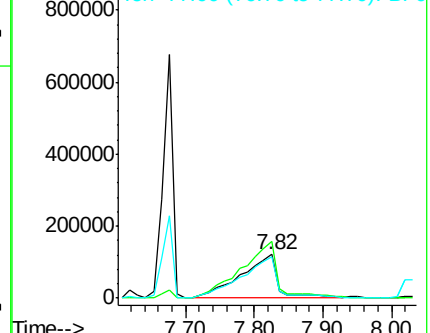
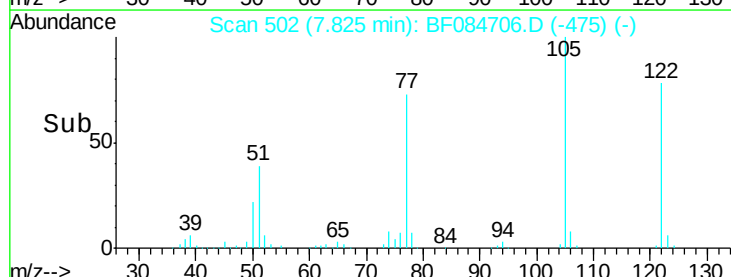
77 93.2 63.5 103.5

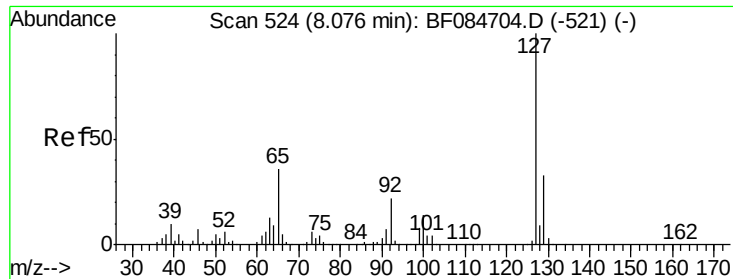


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

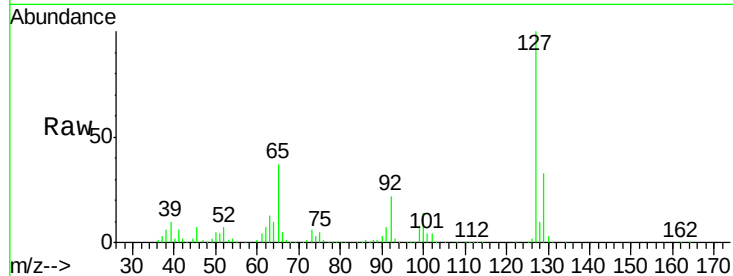




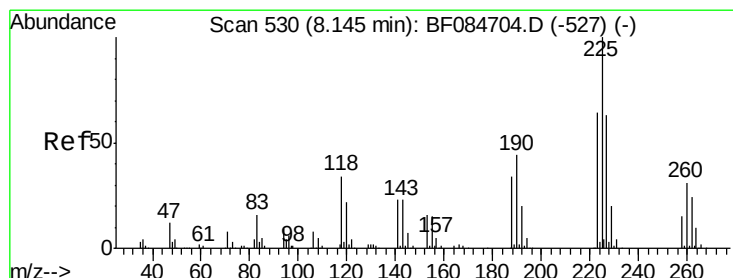
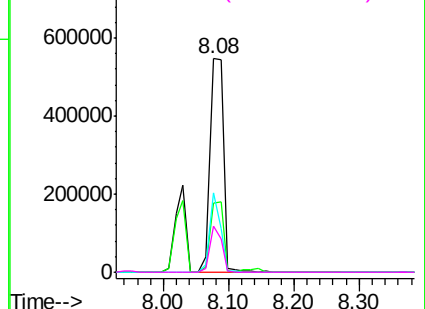
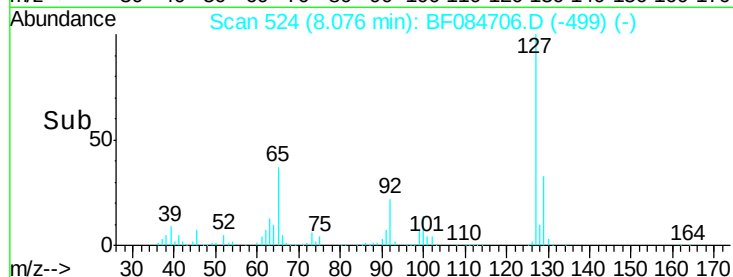
#33  
4-Chloroaniline  
Concen: 56.47 ng  
RT: 8.08 min Scan# 524  
Delta R.T. -0.01 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 797280 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.5  | 39.7   |
| 65       | 37.1  | 27.2  | 40.8   |
| 92       | 21.7  | 17.7  | 26.5   |

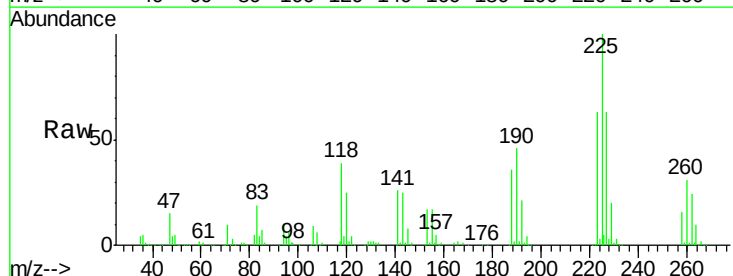


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

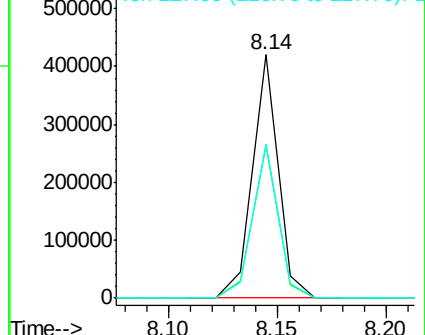
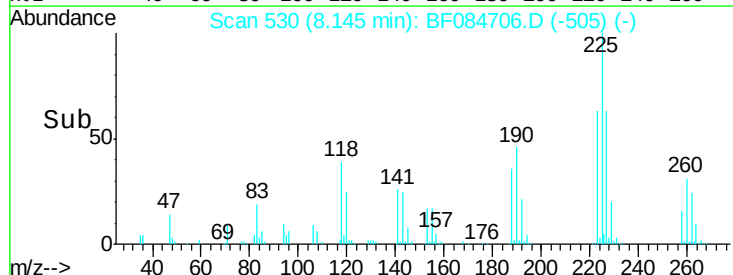


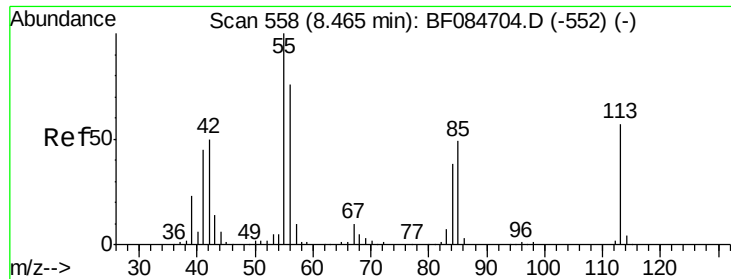
#34  
Hexachlorobutadiene  
Concen: 53.63 ng  
RT: 8.14 min Scan# 530  
Delta R.T. -0.01 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 345512 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 49.4  | 74.0   |
| 227      | 63.1  | 50.8  | 76.2   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 63.95 ng

RT: 8.48 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

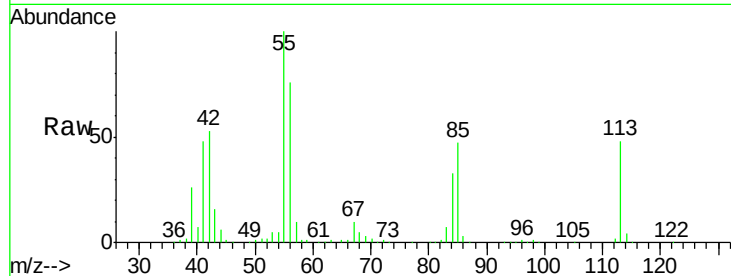
Tot Ion:113 Resp: 174926

Ion Ratio Lower Upper

113 100

55 209.4 116.9 156.9#

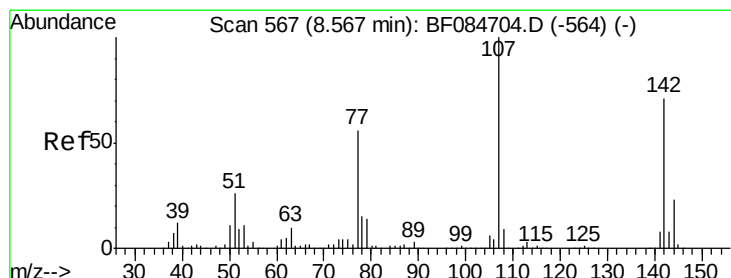
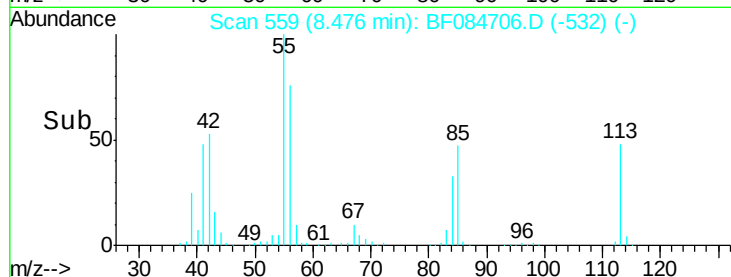
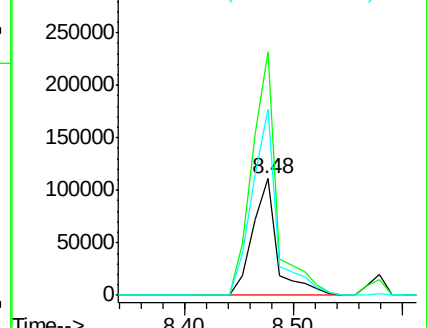
56 160.1 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 65.54 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

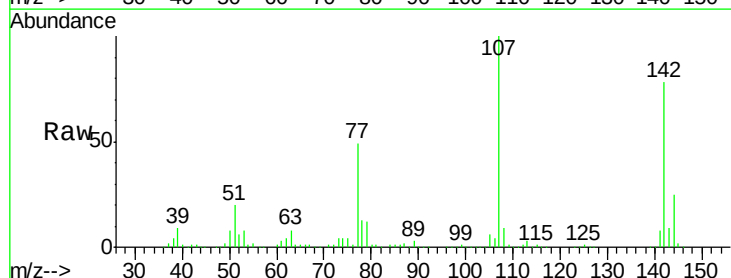
Tgt Ion:107 Resp: 687853

Ion Ratio Lower Upper

107 100

144 25.4 19.7 29.5

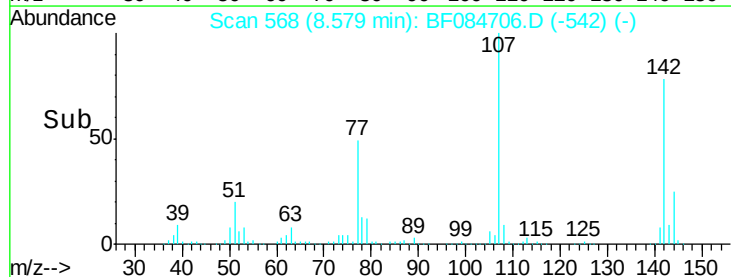
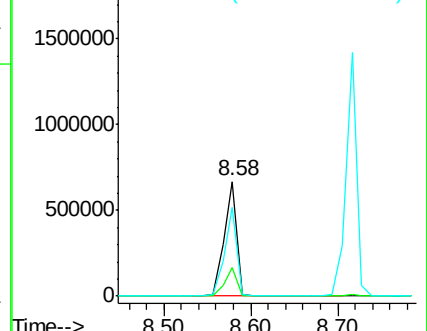
142 78.0 61.8 92.6

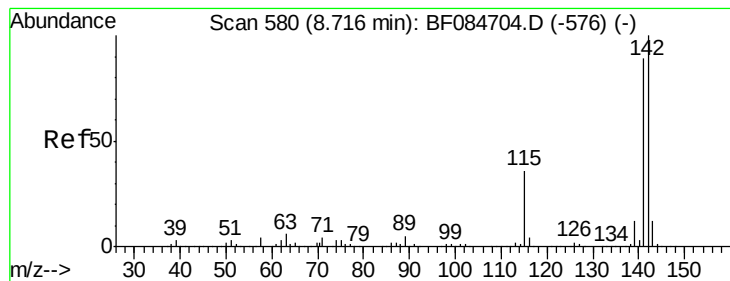


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 57.37 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

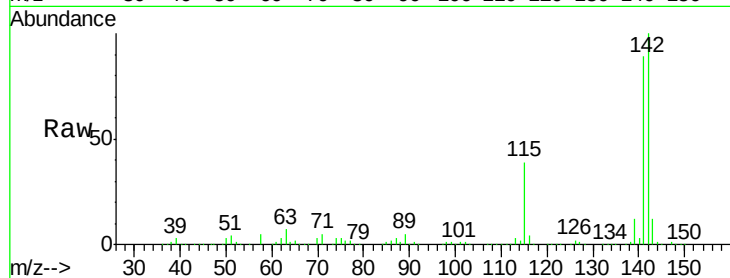
Tot Ion:142 Resp: 1222611

Ion Ratio Lower Upper

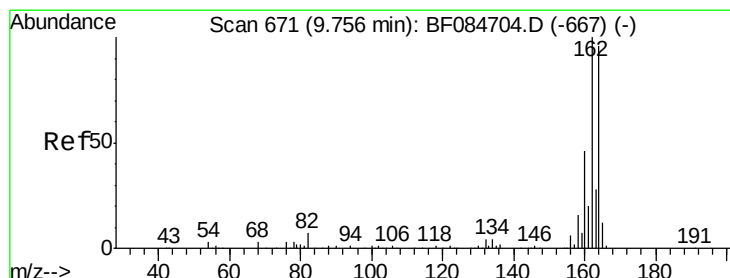
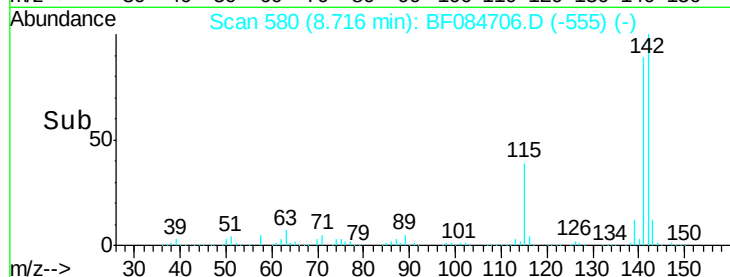
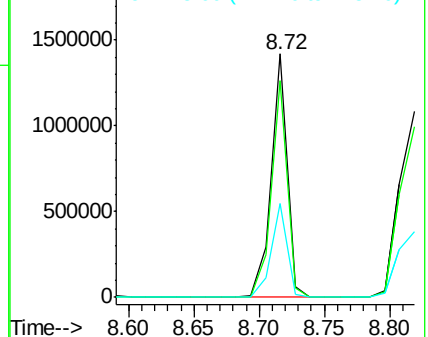
142 100

141 89.0 72.4 108.6

115 38.6 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

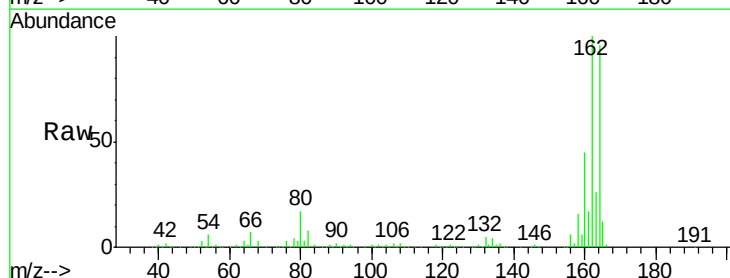
Tgt Ion:164 Resp: 336859

Ion Ratio Lower Upper

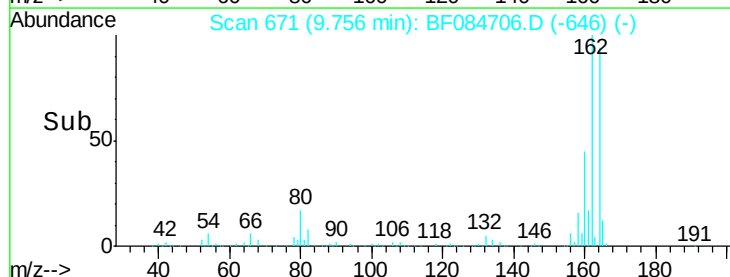
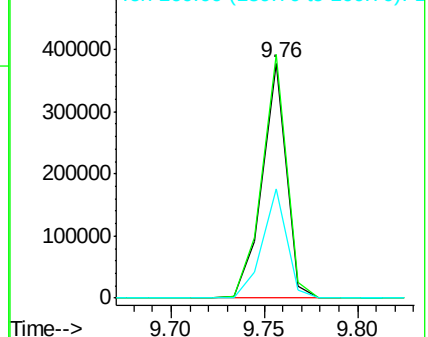
164 100

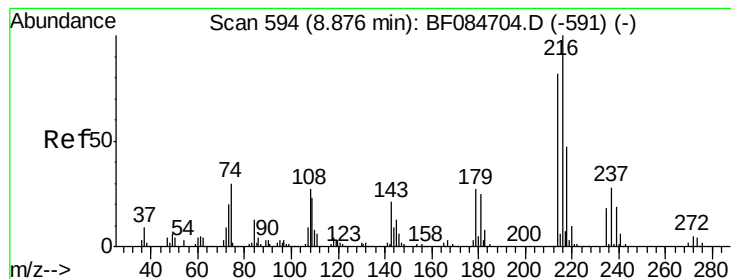
162 103.7 85.1 127.7

160 46.6 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 55.32 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:216 Resp: 604366

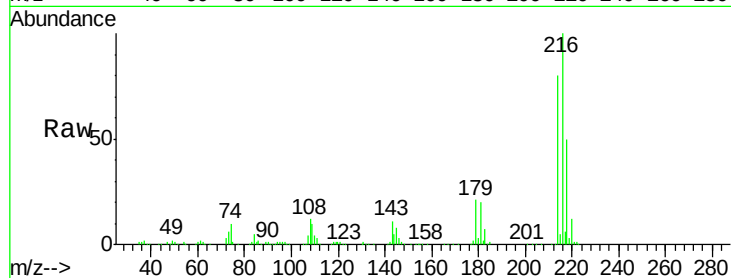
Ion Ratio Lower Upper

216 100

214 79.9 64.2 96.2

179 23.1 18.7 28.1

108 19.2 16.8 25.2

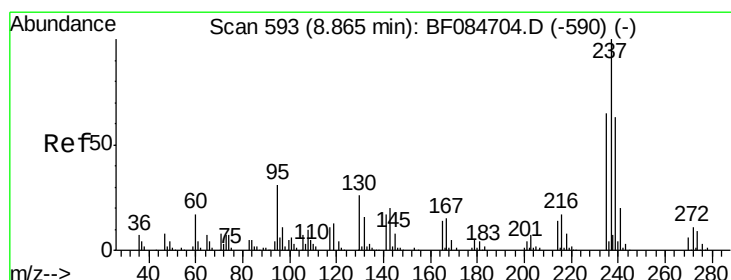
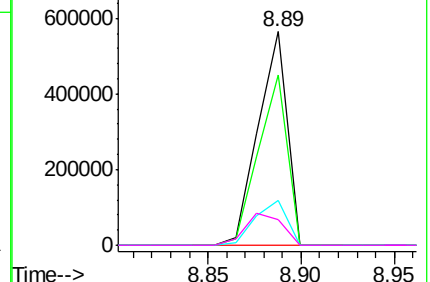
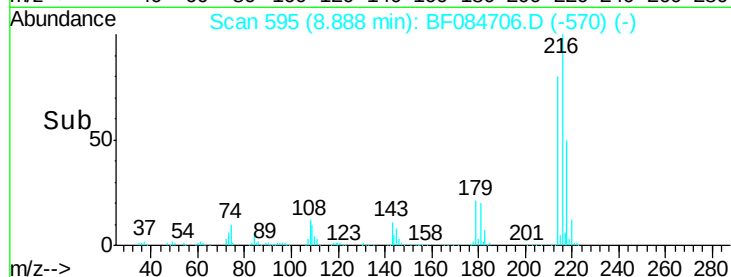


Abundance Ion 216.00 (215.70 to 216.70): E

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: 49.56 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

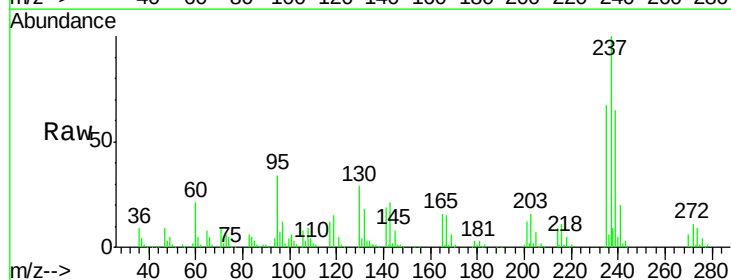
Tgt Ion:237 Resp: 246163

Ion Ratio Lower Upper

237 100

235 66.9 43.1 83.1

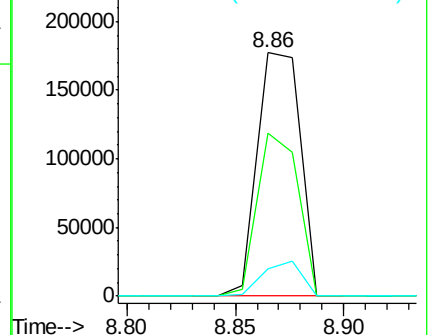
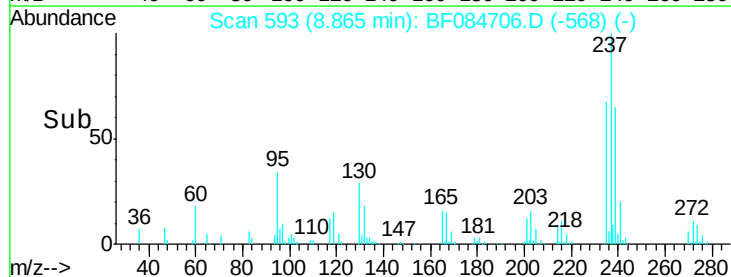
272 11.0 0.0 35.1



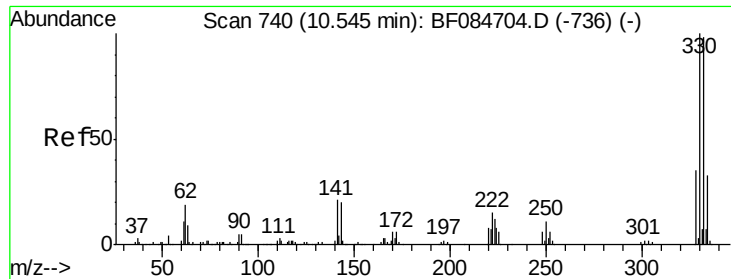
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



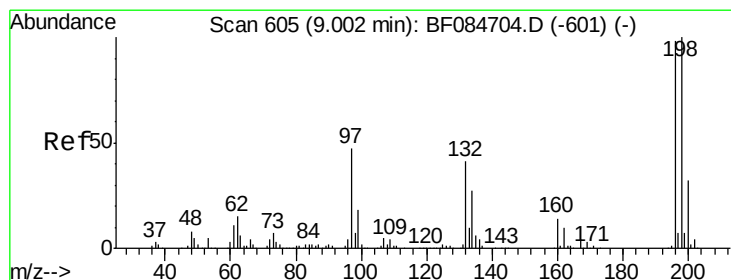
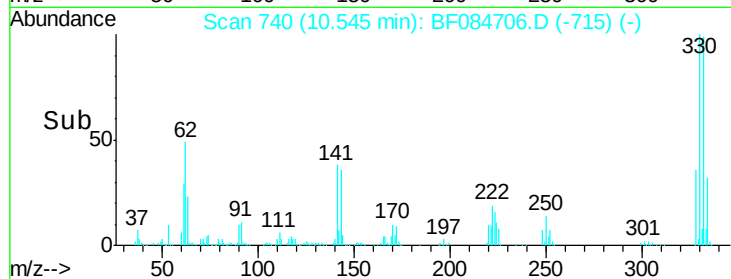
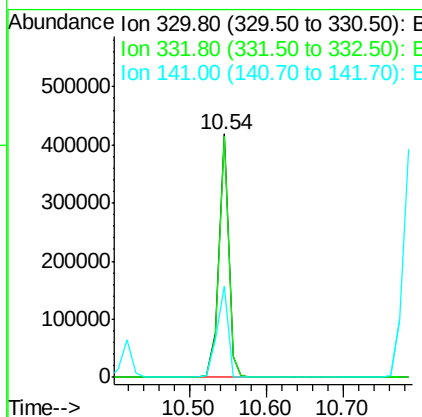
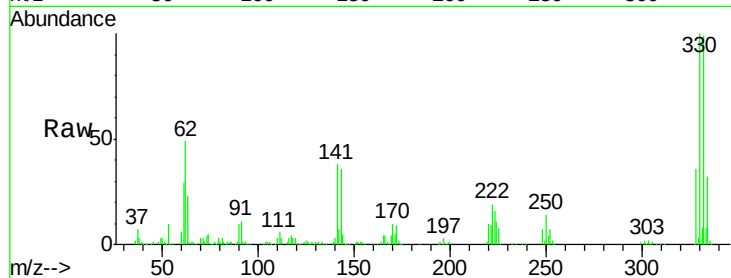




#41  
 2,4,6-Tribromophenol  
 Concen: 105.18 ng  
 RT: 10.54 min Scan# 740  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

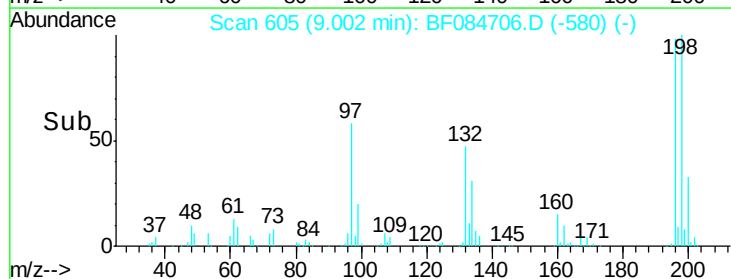
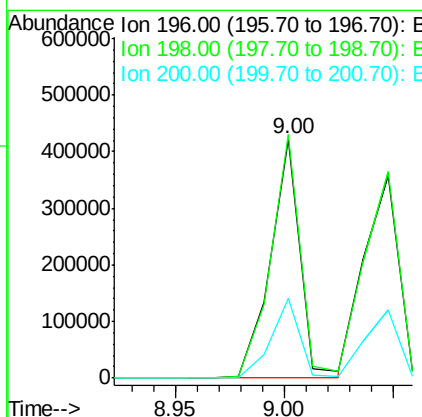
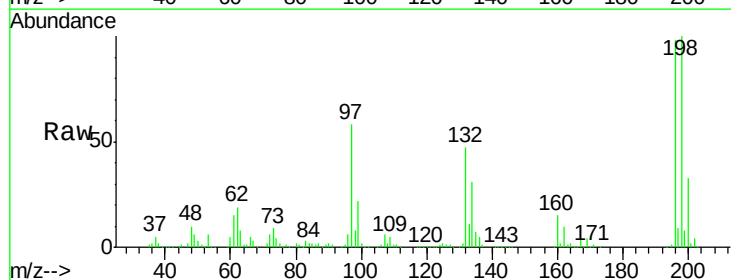
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

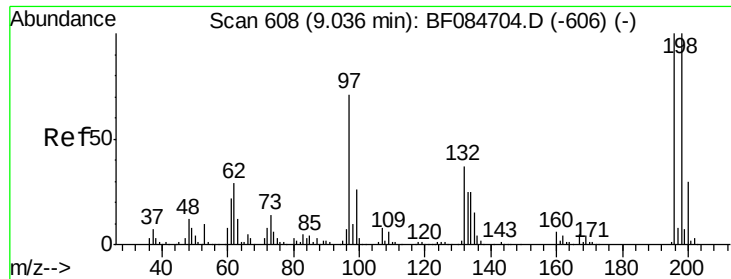
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.9  | 76.6  | 114.8 |
| 141     | 42.1  | 27.8  | 41.6# |



#42  
 2,4,6-Trichlorophenol  
 Concen: 59.41 ng  
 RT: 9.00 min Scan# 605  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 101.8 | 77.7  | 116.5 |
| 200     | 33.3  | 24.6  | 37.0  |

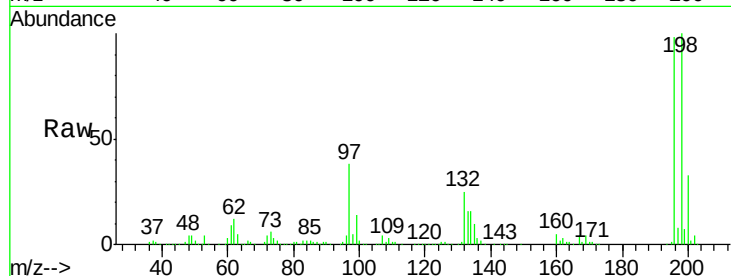




#43  
2,4,5-Trichlorophenol  
Concen: 56.66 ng  
RT: 9.05 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 102.4 | 79.0  | 118.6 |
| 97      | 38.4  | 33.0  | 49.6  |
| 132     | 25.1  | 21.1  | 31.7  |



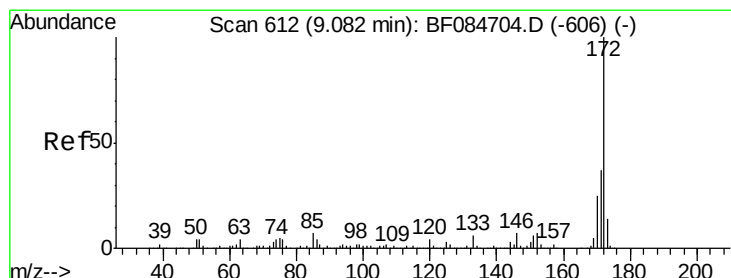
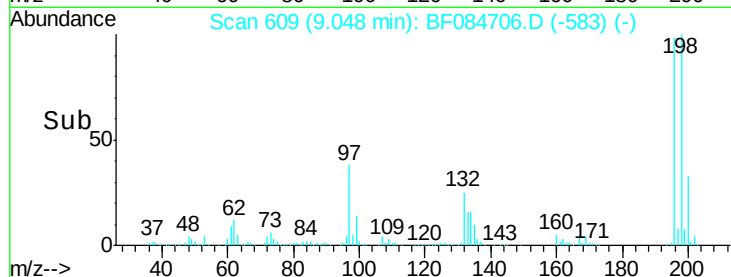
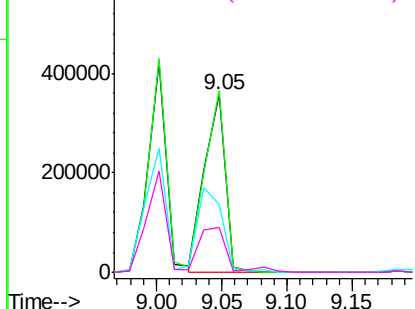
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

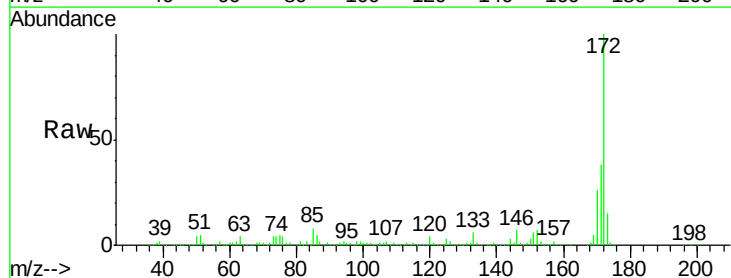
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
2-Fluorobiphenyl  
Concen: 93.12 ng  
RT: 9.08 min Scan# 612  
Delta R.T. -0.01 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.8  | 28.9  | 43.3  |
| 170     | 25.8  | 18.6  | 27.8  |

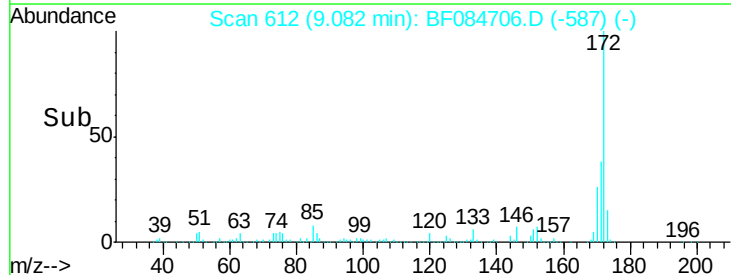
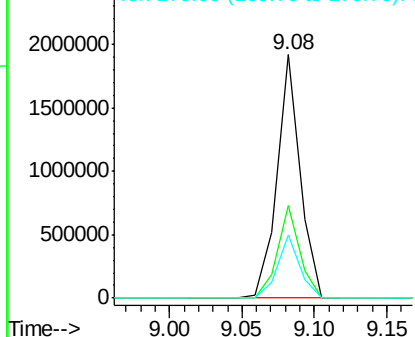


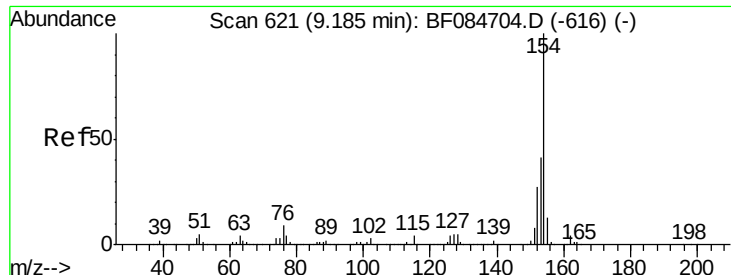
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 53.17 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

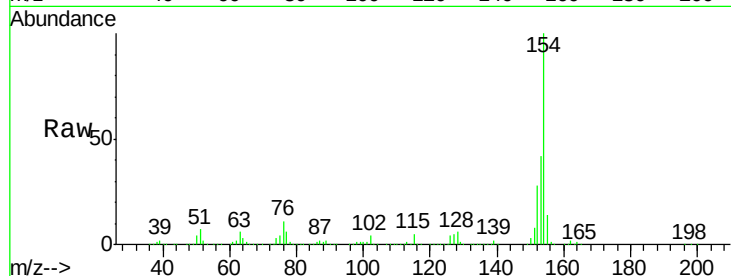
Tot Ion:154 Resp: 1641699

Ion Ratio Lower Upper

154 100

153 42.0 21.6 61.6

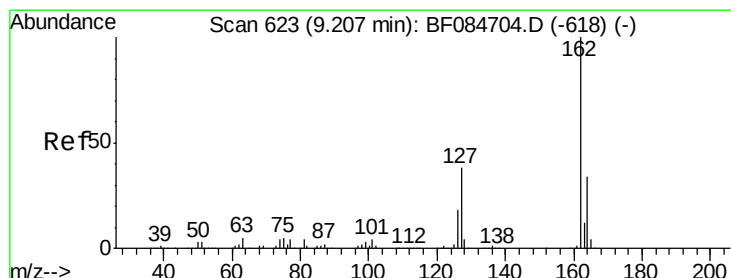
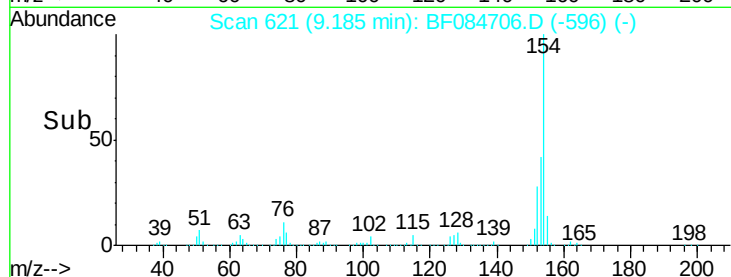
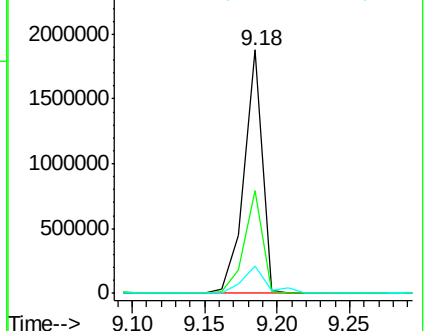
76 11.4 0.0 32.7



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: 55.02 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

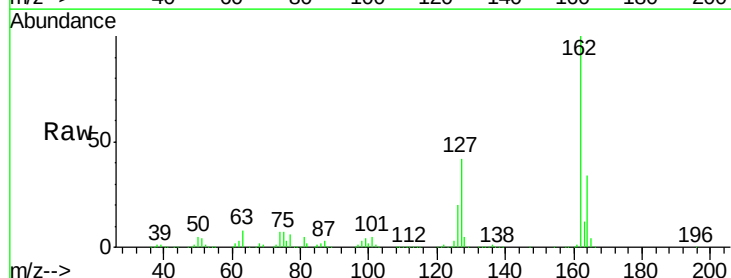
Tgt Ion:162 Resp: 1239372

Ion Ratio Lower Upper

162 100

127 42.3 40.2 60.4

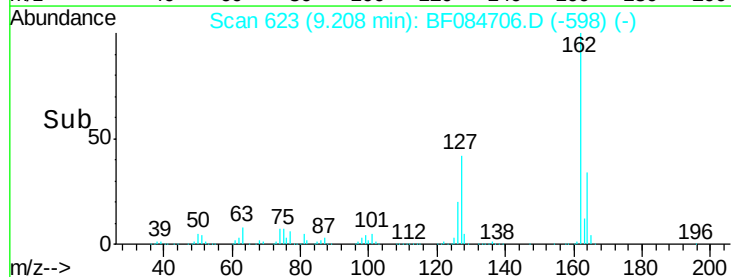
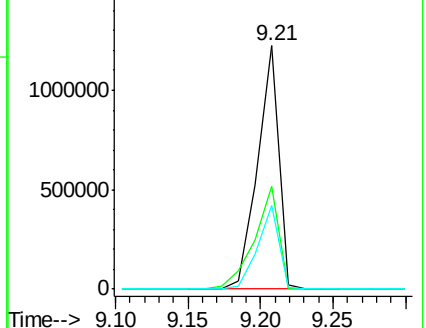
164 34.4 25.7 38.5

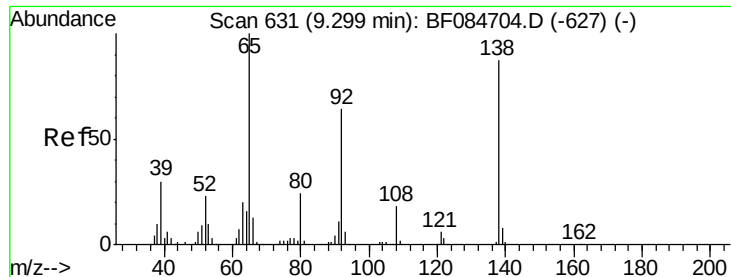


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 63.92 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

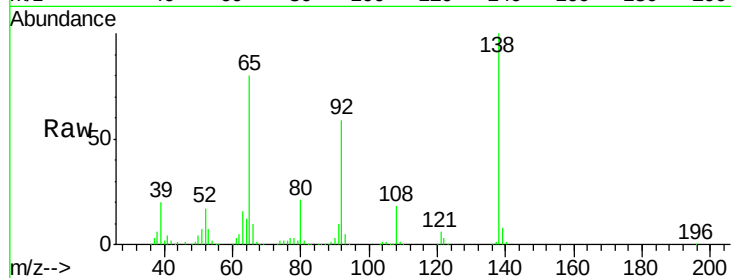
Tot Ion: 65 Resp: 432436

Ion Ratio Lower Upper

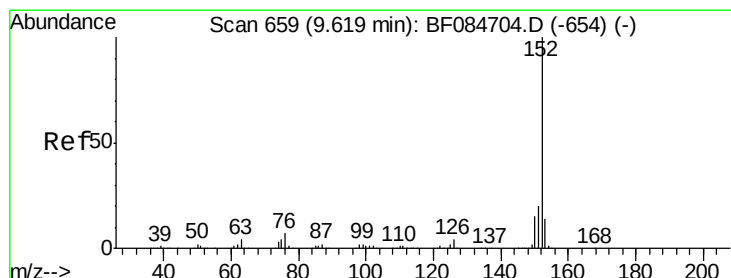
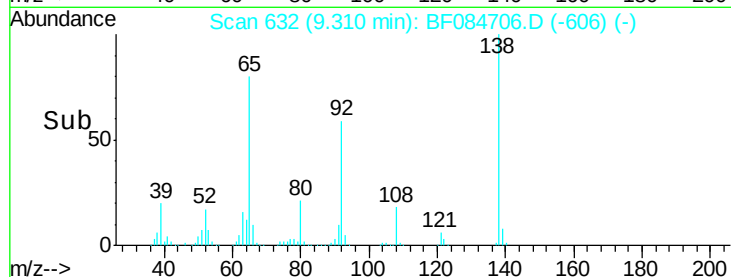
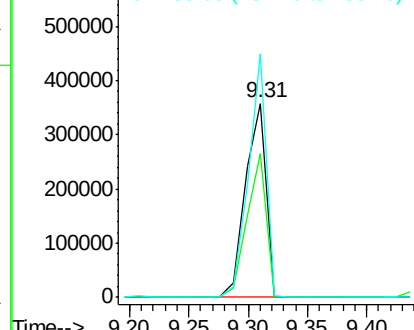
65 100

92 73.9 53.4 80.2

138 125.3 71.1 106.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 53.80 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

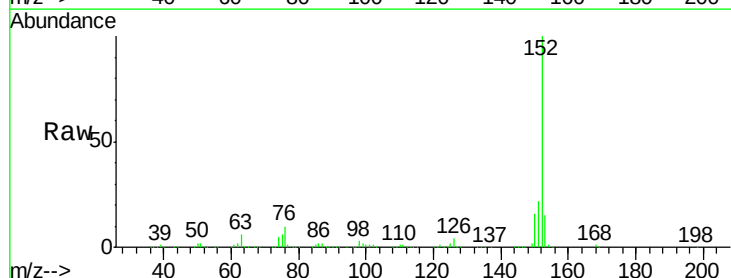
Tgt Ion:152 Resp: 1836162

Ion Ratio Lower Upper

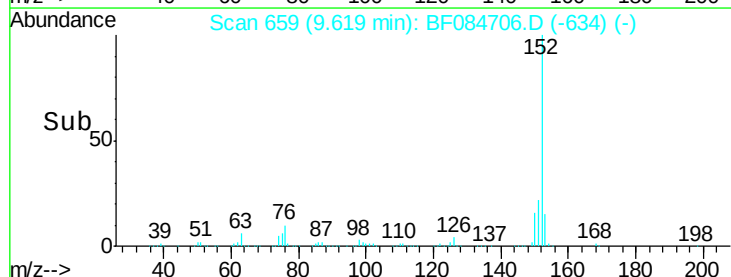
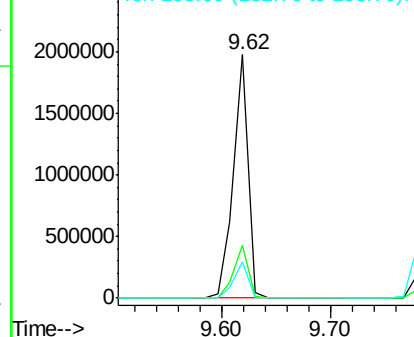
152 100

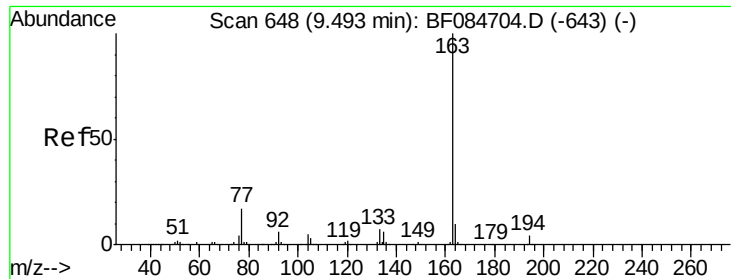
151 21.8 16.3 24.5

153 15.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 52.34 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

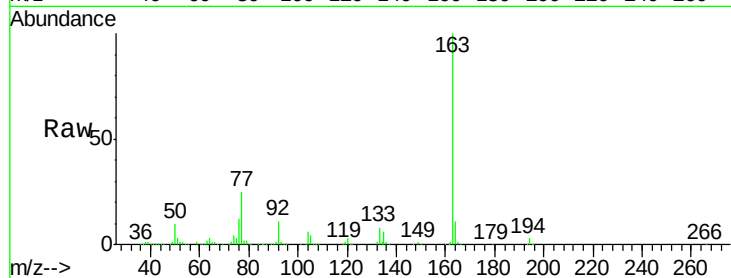
Tot Ion:163 Resp: 1323197

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

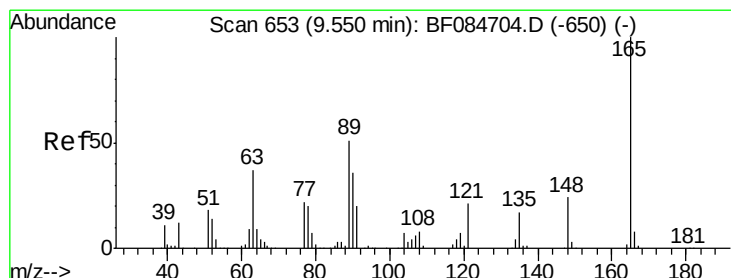
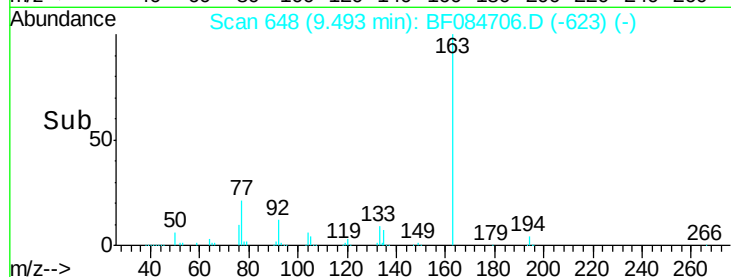
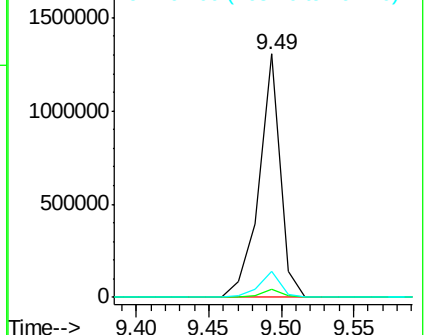
164 10.8 8.0 12.0



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: 50.98 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

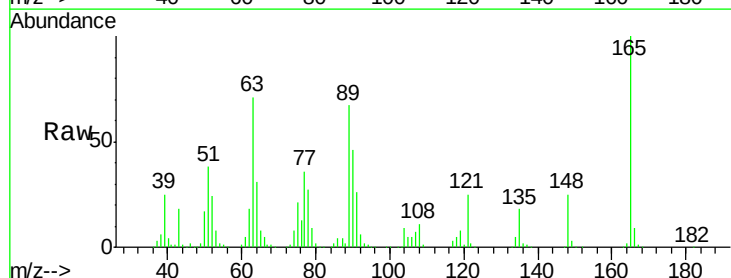
Tgt Ion:165 Resp: 283586

Ion Ratio Lower Upper

165 100

63 71.1 28.8 43.2#

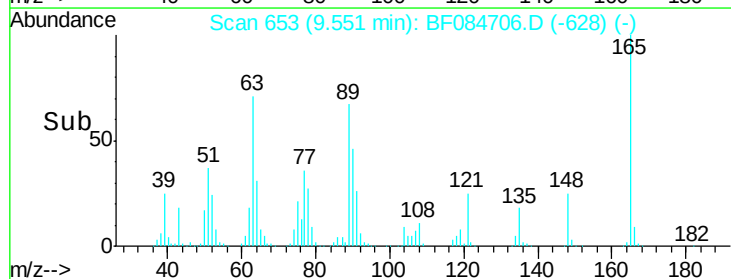
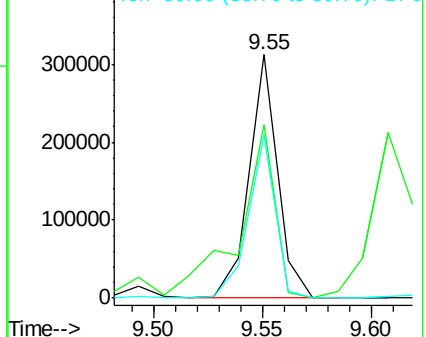
89 67.2 35.1 52.7#

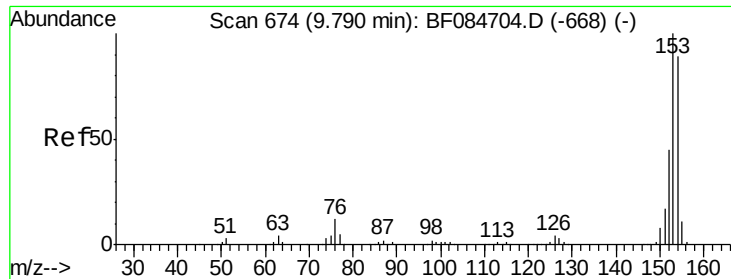


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.82 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

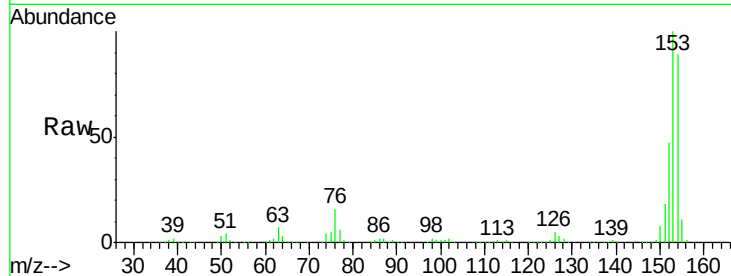
Tot Ion:154 Resp: 1161371

Ion Ratio Lower Upper

154 100

153 112.8 91.5 137.3

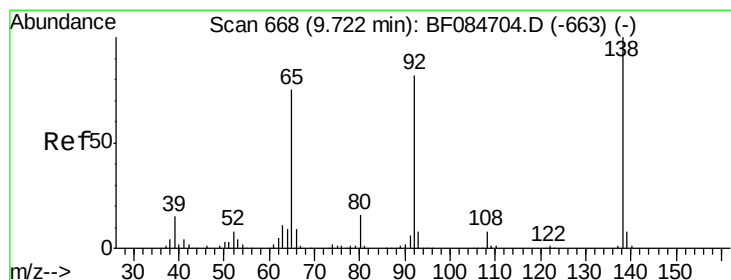
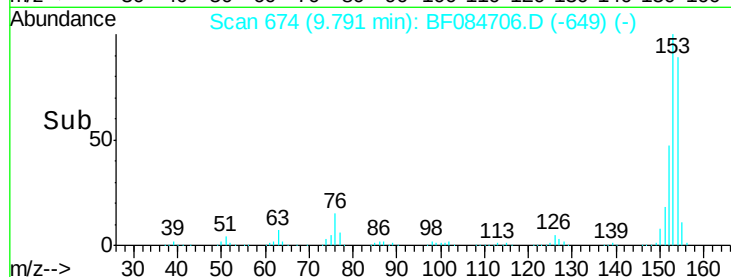
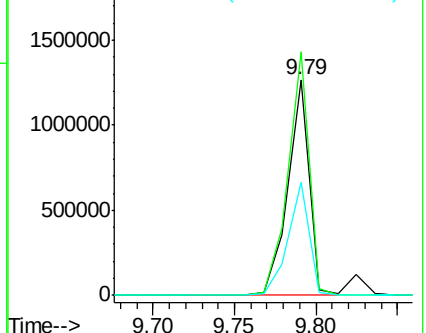
152 52.6 43.0 64.6



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: 64.17 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

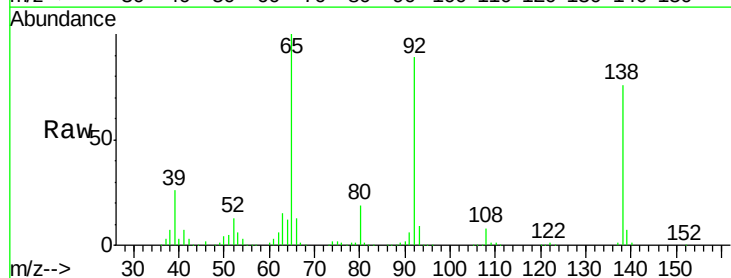
Tgt Ion:138 Resp: 372999

Ion Ratio Lower Upper

138 100

108 10.8 10.5 15.7

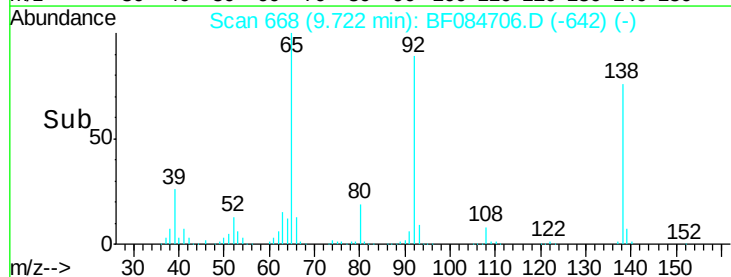
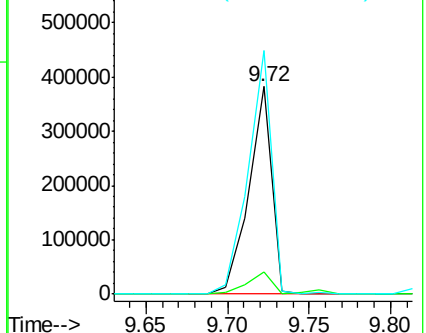
92 117.2 103.9 155.9

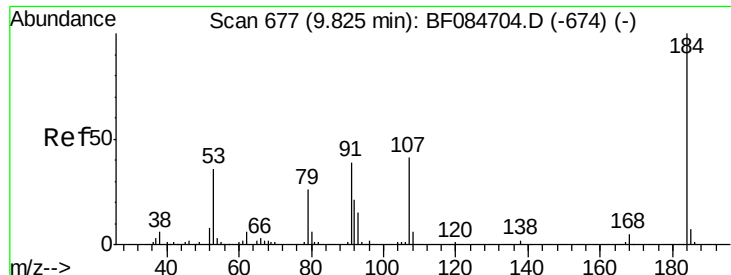


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

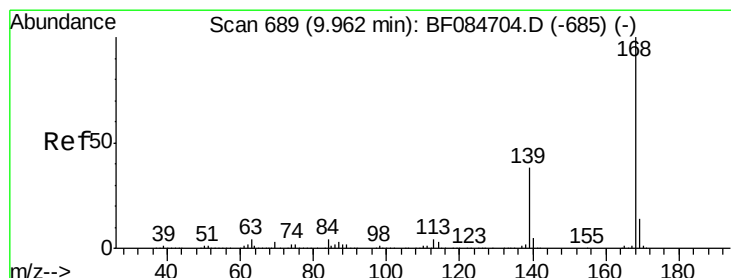
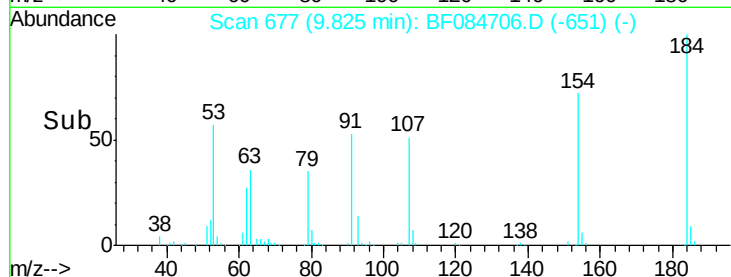
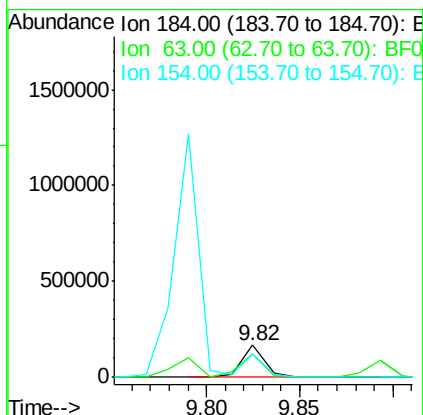
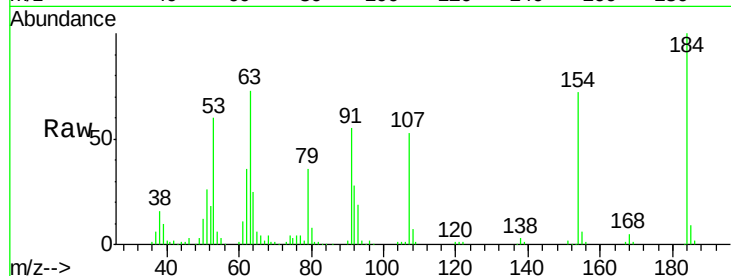




#53  
 2,4-Dinitrophenol  
 Concen: 52.82 ng  
 RT: 9.82 min Scan# 677  
 Delta R.T. -0.00 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

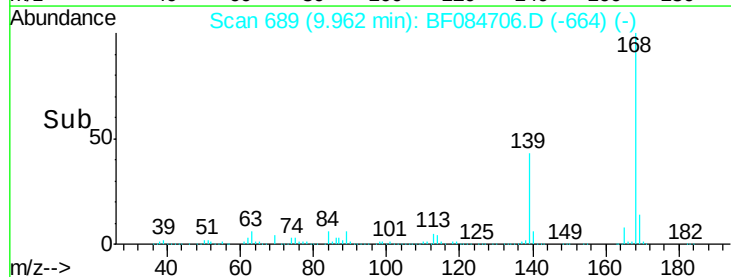
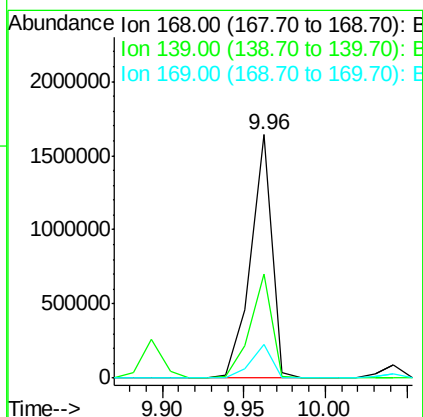
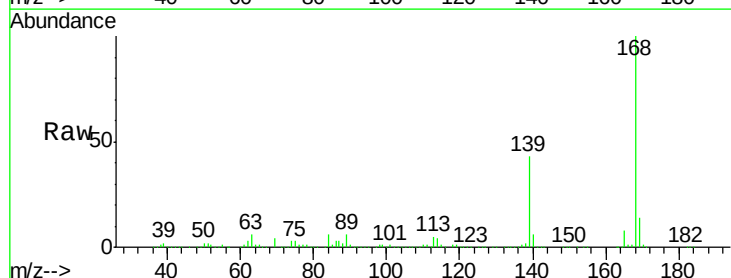
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

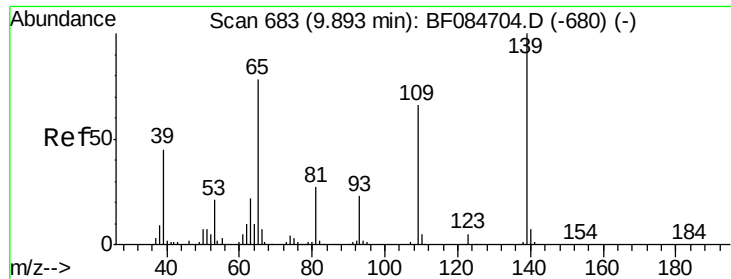
Tot Ion:184 Resp: 144983  
 Ion Ratio Lower Upper  
 184 100  
 63 73.1 43.1 64.7#  
 154 72.0 60.5 90.7



#54  
 Dibenzofuran  
 Concen: 54.41 ng  
 RT: 9.96 min Scan# 689  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

Tgt Ion:168 Resp: 1484124  
 Ion Ratio Lower Upper  
 168 100  
 139 42.7 30.5 45.7  
 169 14.1 10.4 15.6

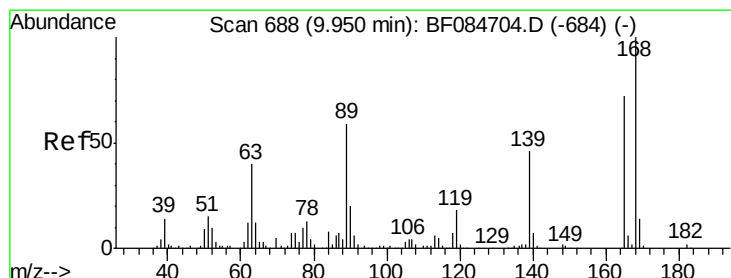
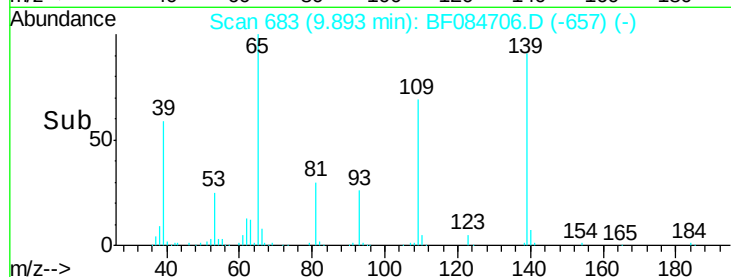
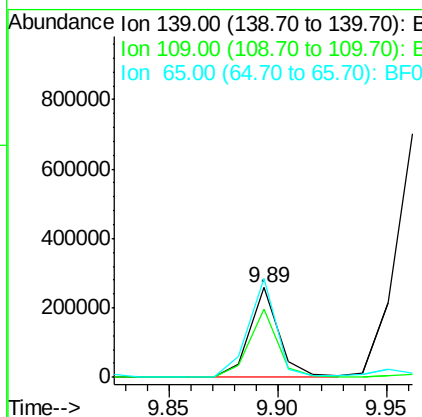
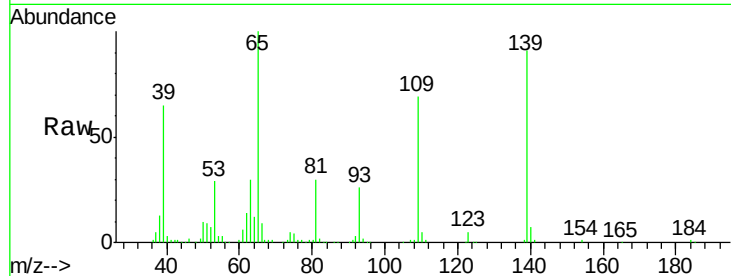




#55  
4-Nitrophenol  
Concen: 56.57 ng  
RT: 9.89 min Scan# 683  
Delta R.T. -0.00 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

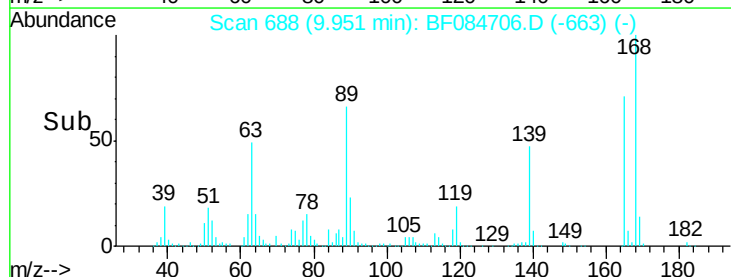
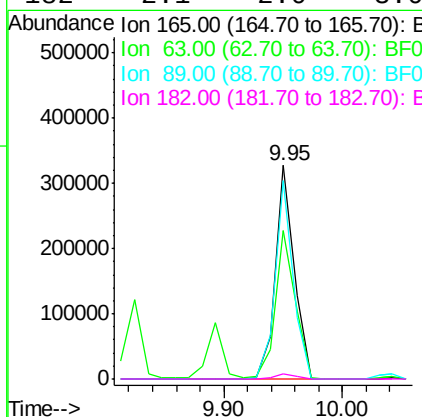
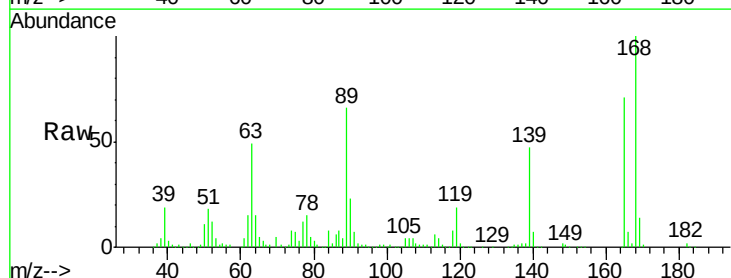
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:139 Resp: 241516  
Ion Ratio Lower Upper  
139 100  
109 75.7 58.5 98.5  
65 110.3 57.6 97.6#

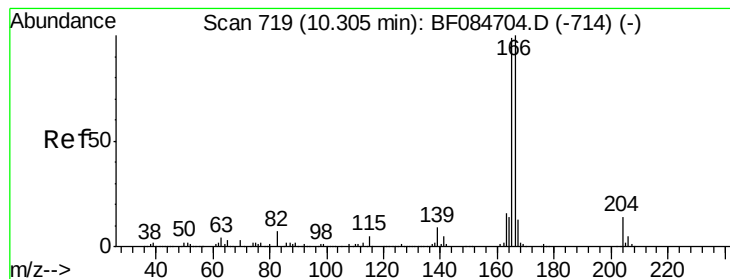


#56  
2,4-Dinitrotoluene  
Concen: 49.76 ng  
RT: 9.95 min Scan# 688  
Delta R.T. -0.01 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

Tgt Ion:165 Resp: 359579  
Ion Ratio Lower Upper  
165 100  
63 69.6 36.7 55.1#  
89 93.1 61.9 92.9#  
182 2.1 2.0 3.0







#57

Fluorene

Concen: 55.40 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

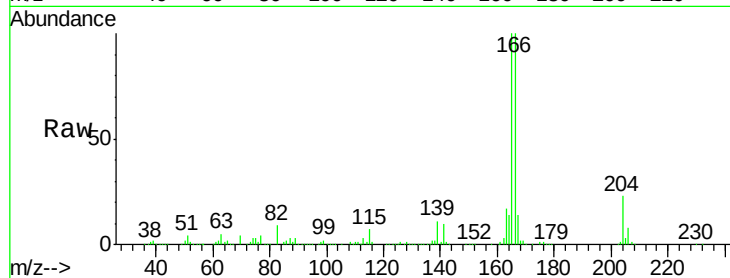
Tot Ion:166 Resp: 1280850

Ion Ratio Lower Upper

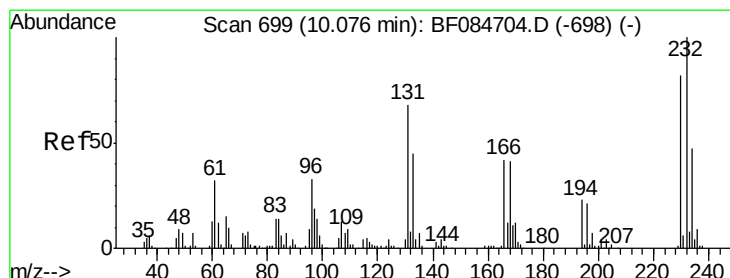
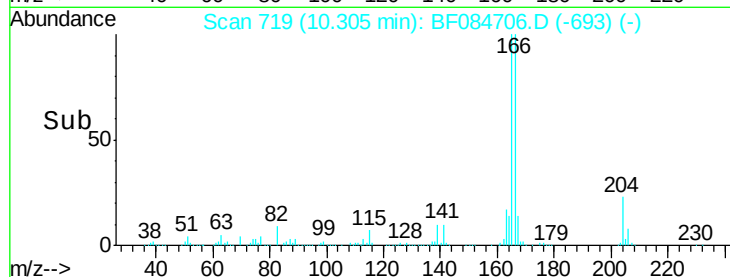
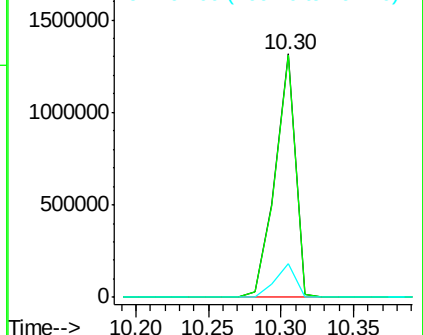
166 100

165 99.6 79.1 118.7

167 13.8 10.4 15.6



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: 58.40 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Tgt Ion:232 Resp: 309391

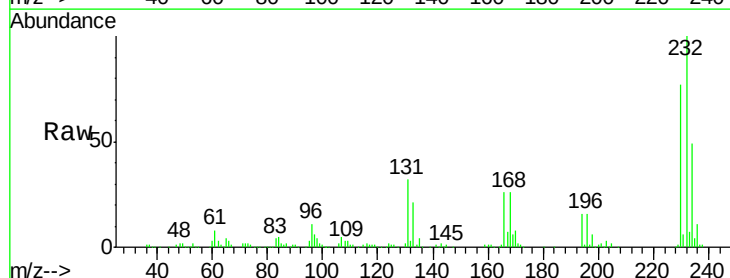
Ion Ratio Lower Upper

232 100

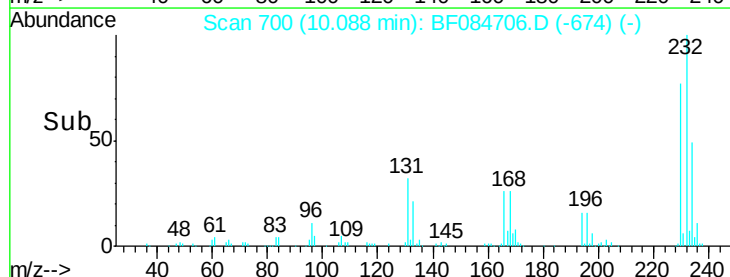
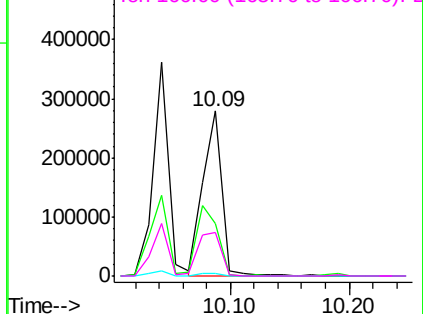
131 48.8 47.0 70.6

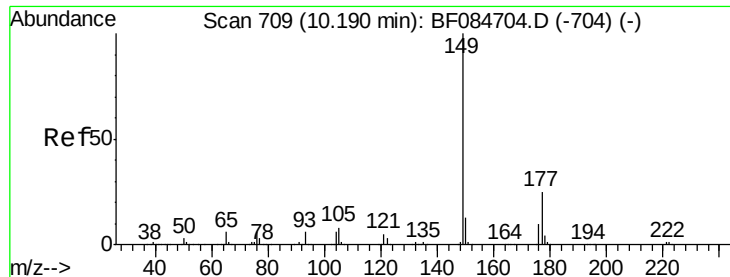
130 2.1 2.0 3.0

166 32.8 30.5 45.7



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

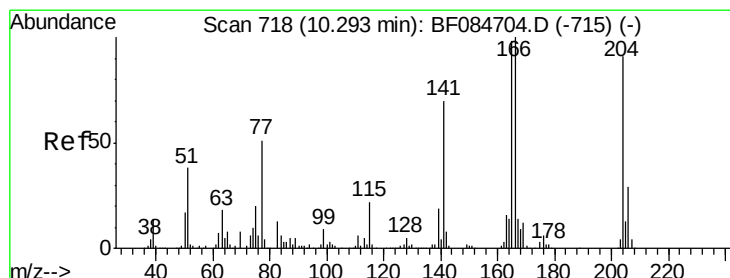
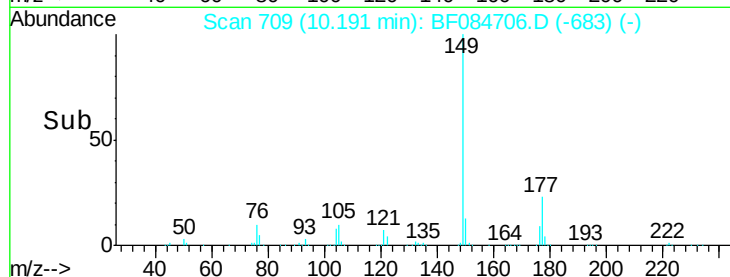
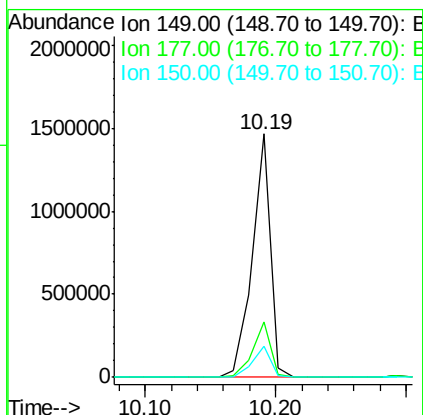
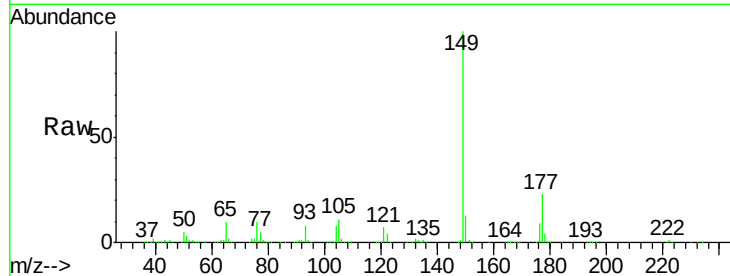




#59  
Diethylphthalate  
Concen: 57.11 ng  
RT: 10.19 min Scan# 709  
Delta R.T. -0.00 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

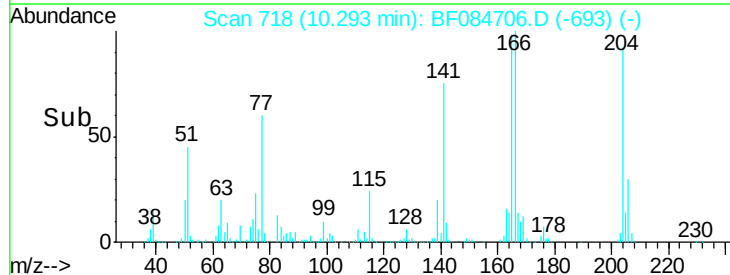
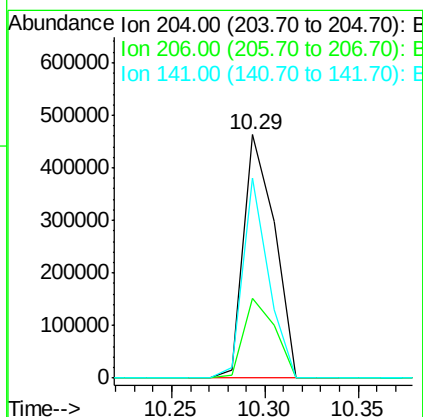
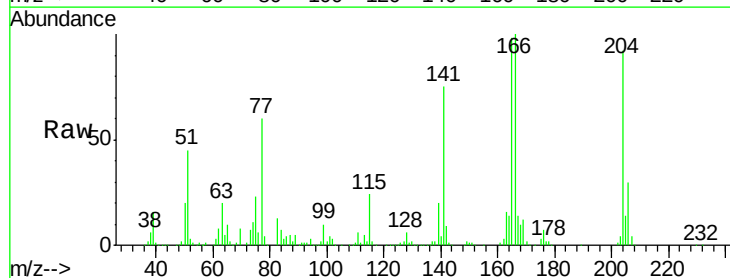
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

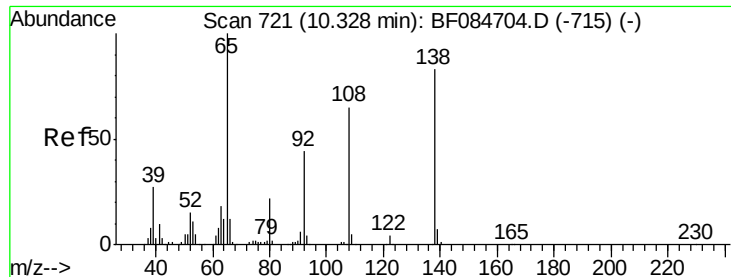
Tot Ion:149 Resp: 1413568  
Ion Ratio Lower Upper  
149 100  
177 22.9 17.3 25.9  
150 13.0 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 51.38 ng  
RT: 10.29 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

Tgt Ion:204 Resp: 533275  
Ion Ratio Lower Upper  
204 100  
206 32.9 25.7 38.5  
141 82.0 55.1 82.7

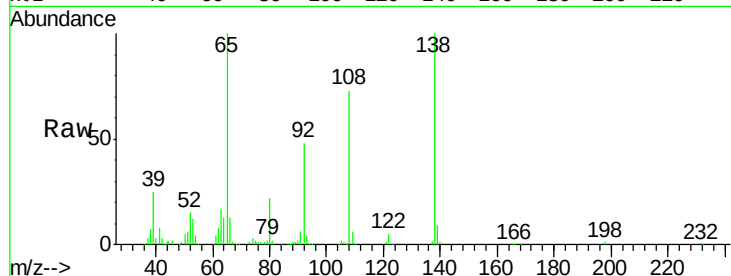




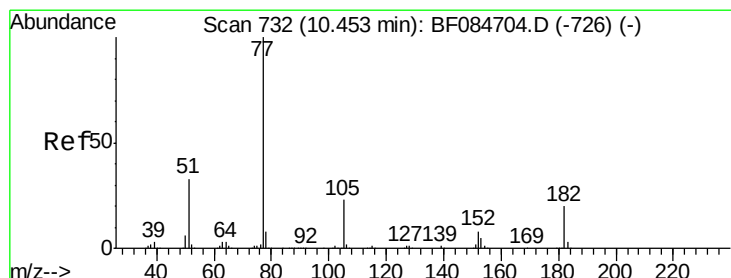
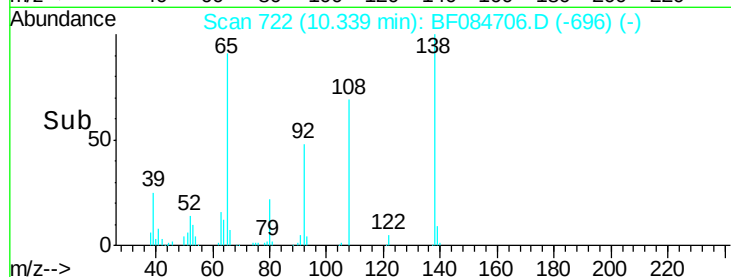
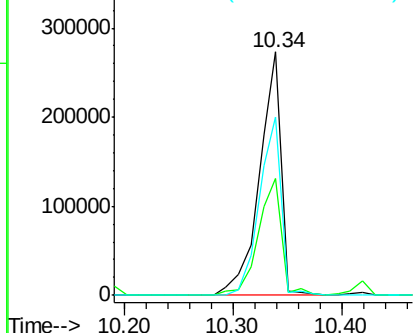
#61  
4-Nitroaniline  
Concen: 68.91 ng  
RT: 10.34 min Scan# 722  
Delta R.T. -0.00 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:138 Resp: 379140  
Ion Ratio Lower Upper  
138 100  
92 48.0 32.6 72.6  
108 73.1 68.6 108.6

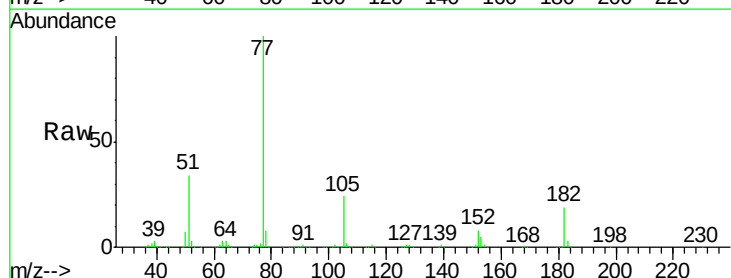


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

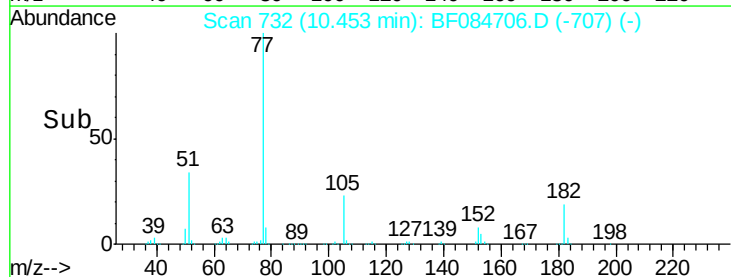
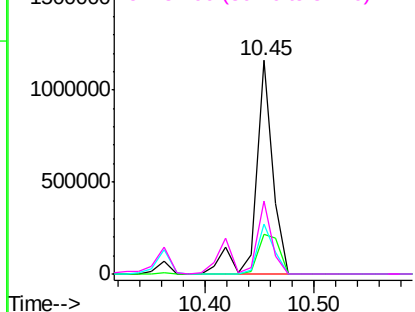


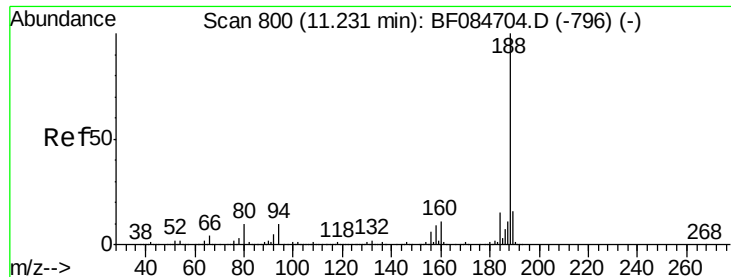
#62  
Azobenzene  
Concen: 53.36 ng  
RT: 10.45 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

Tgt Ion: 77 Resp: 1263964  
Ion Ratio Lower Upper  
77 100  
182 18.9 8.3 48.3  
105 23.5 4.6 44.6  
51 33.9 6.2 46.2



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

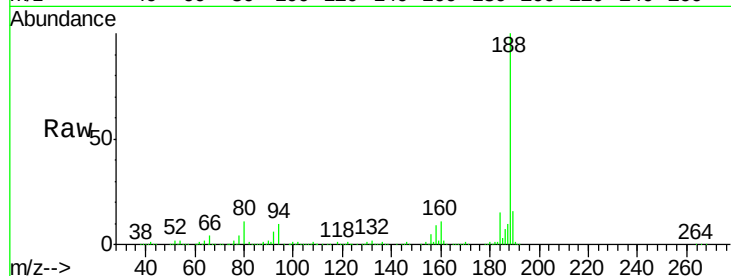




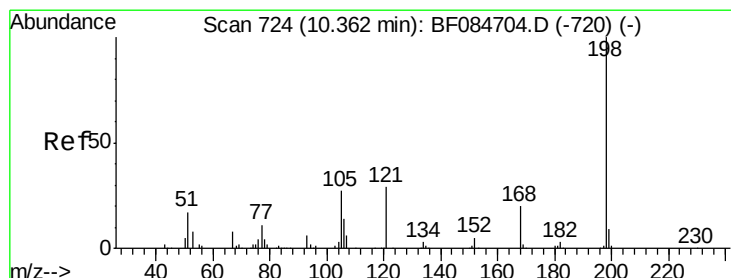
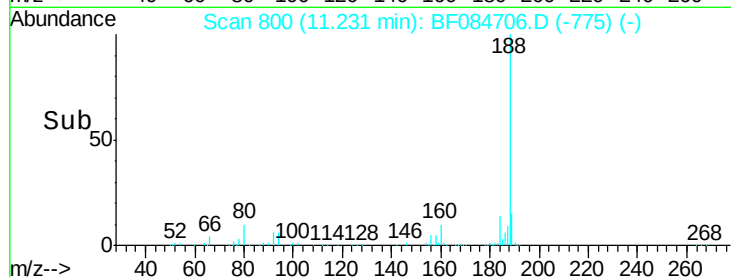
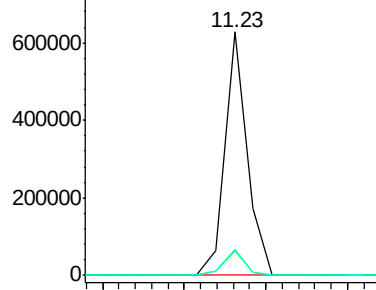
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.23 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:188 Resp: 595564  
Ion Ratio Lower Upper  
188 100  
94 10.1 9.0 13.4  
80 10.8 9.6 14.4

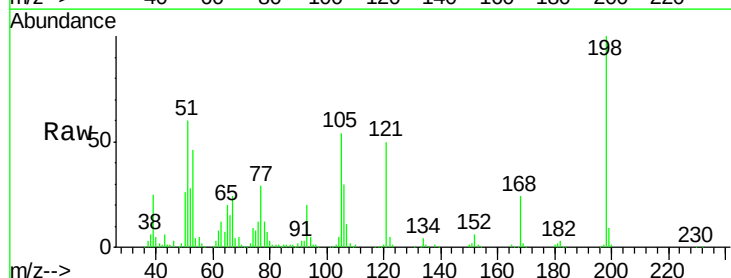


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

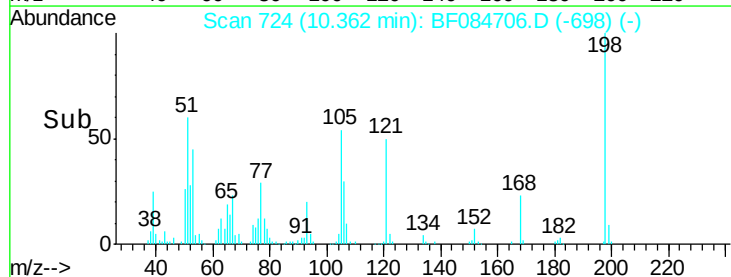
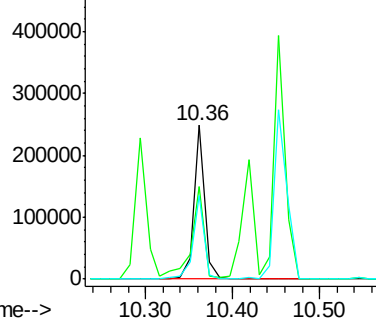


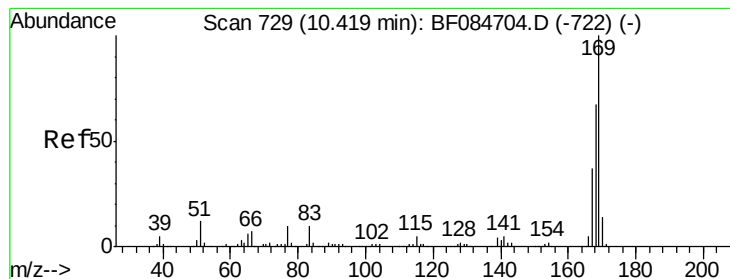
#64  
4,6-Dinitro-2-methylphenol  
Concen: 56.49 ng  
RT: 10.36 min Scan# 724  
Delta R.T. -0.00 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

Tgt Ion:198 Resp: 219741  
Ion Ratio Lower Upper  
198 100  
51 60.3 18.9 58.9#  
105 54.5 26.4 66.4



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: 52.45 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

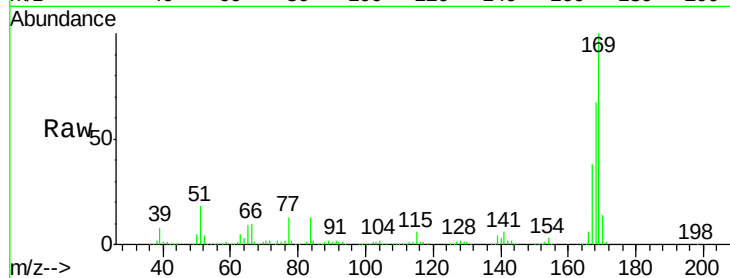
Tot Ion:169 Resp: 1012909

Ion Ratio Lower Upper

169 100

168 67.0 55.1 82.7

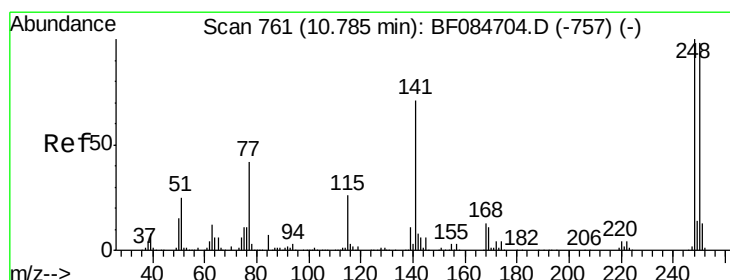
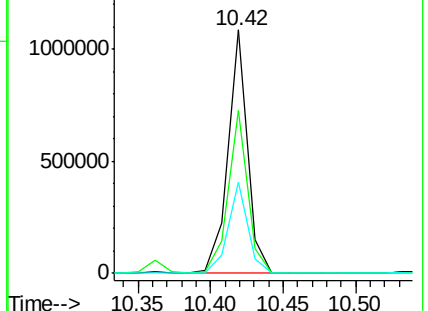
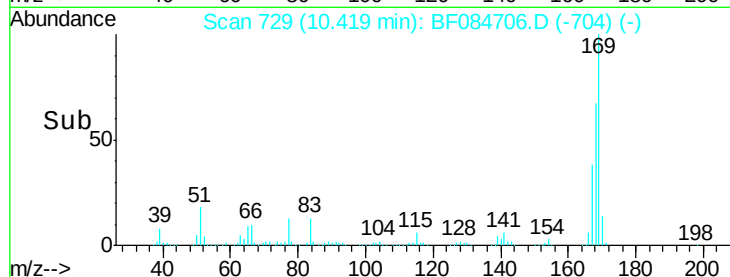
167 37.6 30.0 45.0



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: 56.75 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

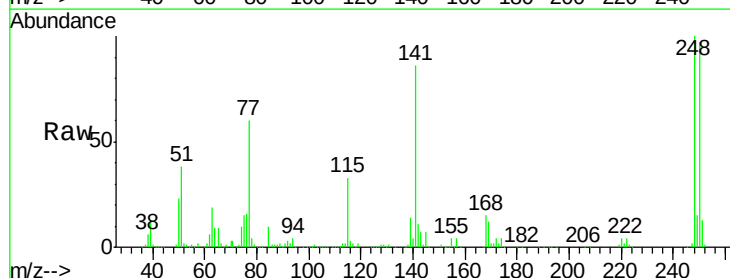
Tgt Ion:248 Resp: 380673

Ion Ratio Lower Upper

248 100

250 97.0 78.4 117.6

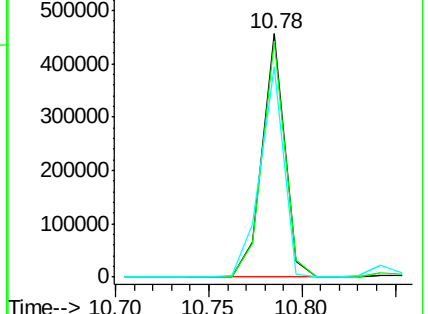
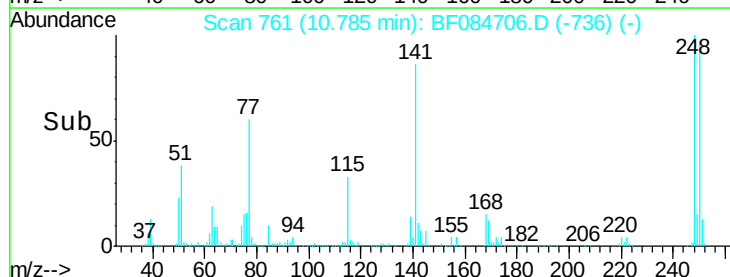
141 86.3 44.0 66.0#

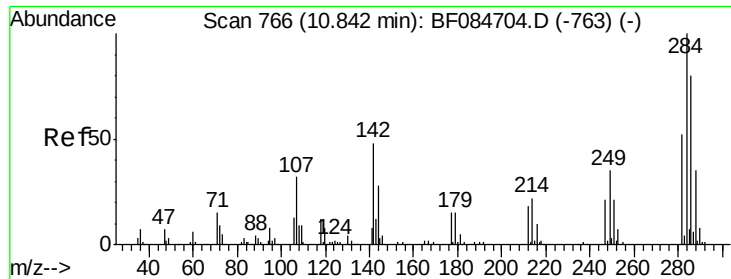


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 57.57 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

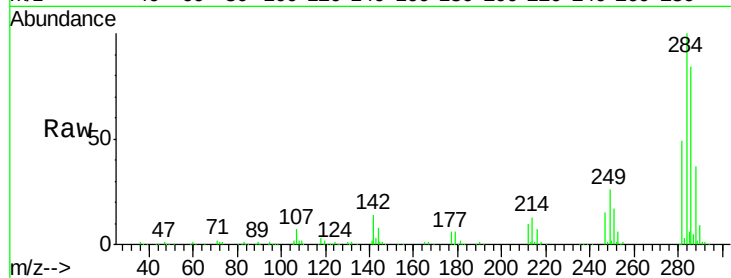
Tot Ion:284 Resp: 420025

Ion Ratio Lower Upper

284 100

142 14.0 22.2 33.4#

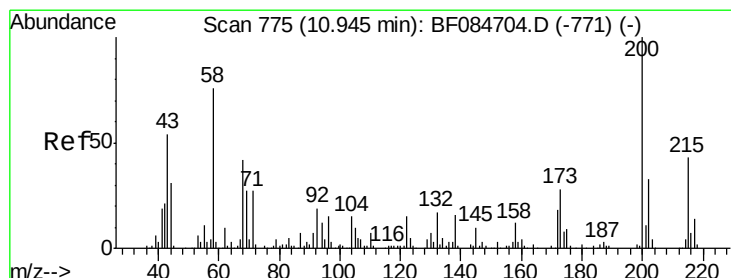
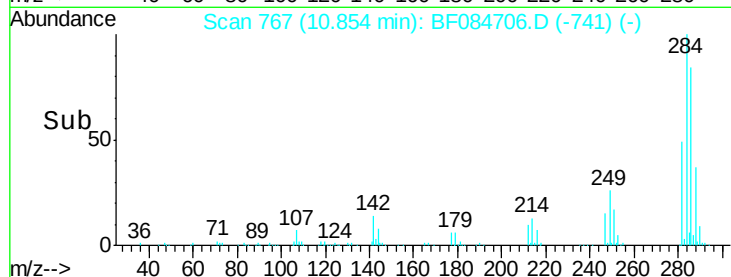
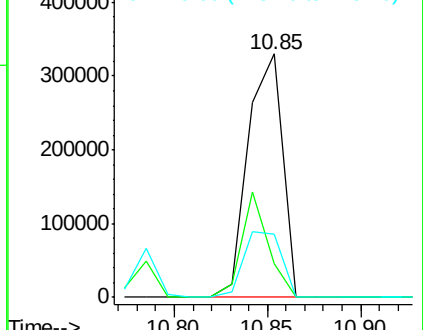
249 25.8 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 67.07 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

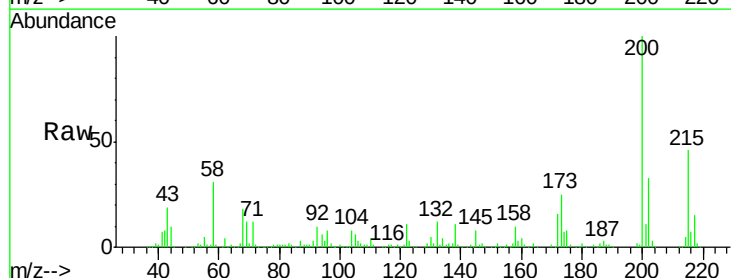
Tgt Ion:200 Resp: 388043

Ion Ratio Lower Upper

200 100

173 25.1 9.5 49.5

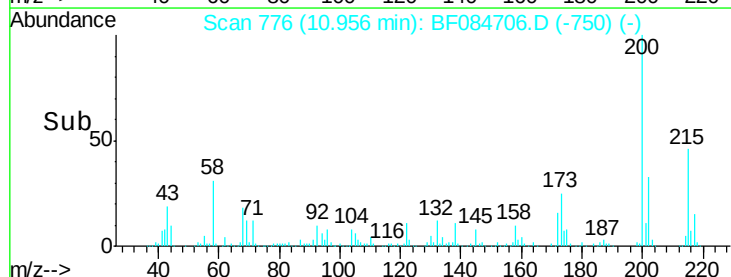
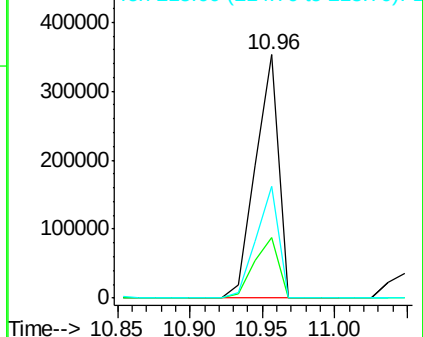
215 46.0 23.8 63.8

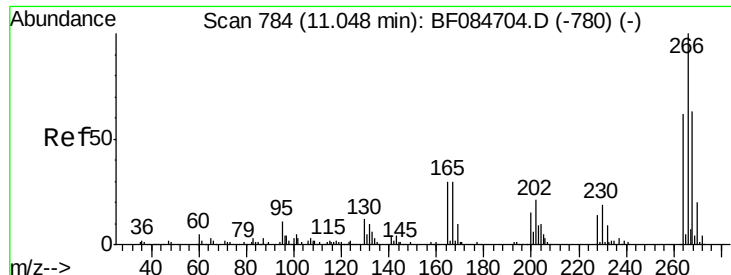


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

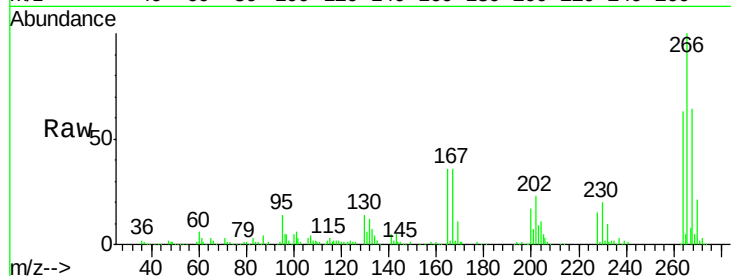




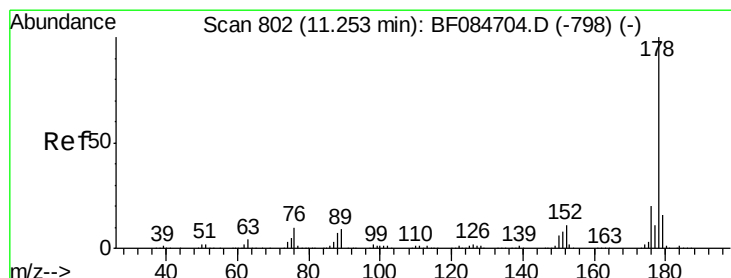
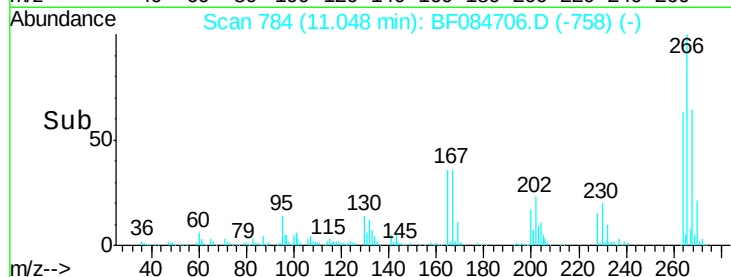
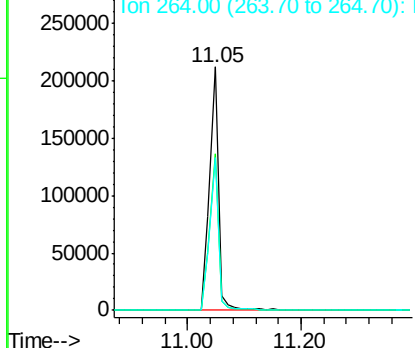
#69  
 Pentachlorophenol  
 Concen: 63.76 ng  
 RT: 11.05 min Scan# 784  
 Delta R.T. -0.00 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:266 Resp: 224749  
 Ion Ratio Lower Upper  
 266 100  
 268 64.3 52.4 78.6  
 264 62.5 50.2 75.2

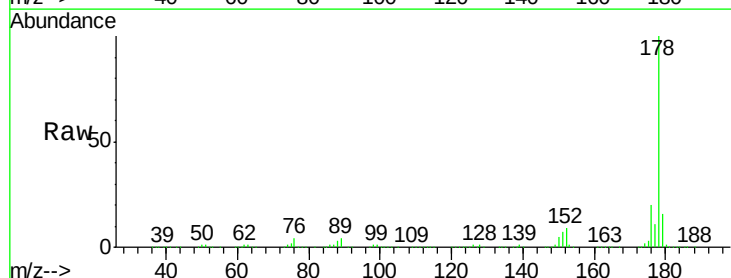


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

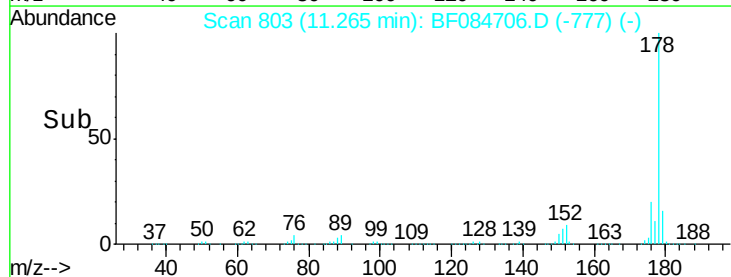
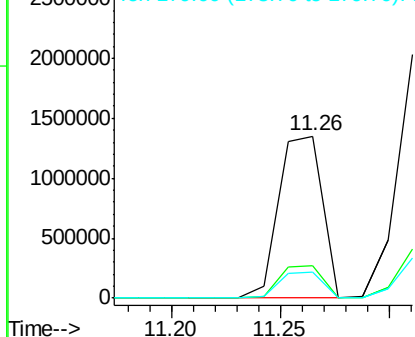


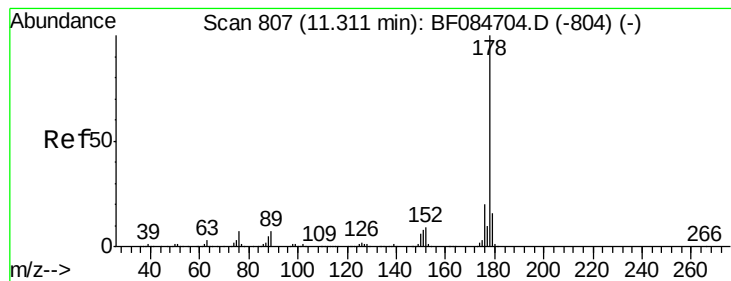
#70  
 Phenanthrene  
 Concen: 57.39 ng  
 RT: 11.26 min Scan# 803  
 Delta R.T. -0.00 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

Tgt Ion:178 Resp: 1890158  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 15.3 22.9  
 179 15.7 12.0 18.0



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





#71

Anthracene

Concen: 54.13 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

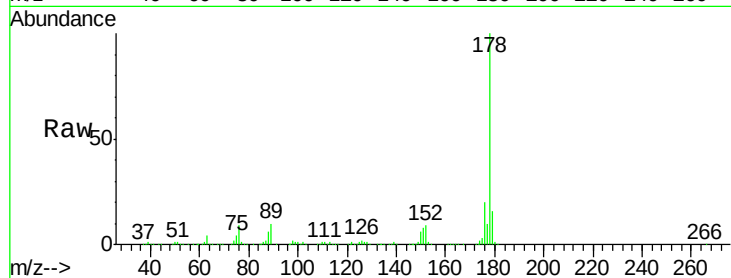
Tot Ion:178 Resp: 1812598

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

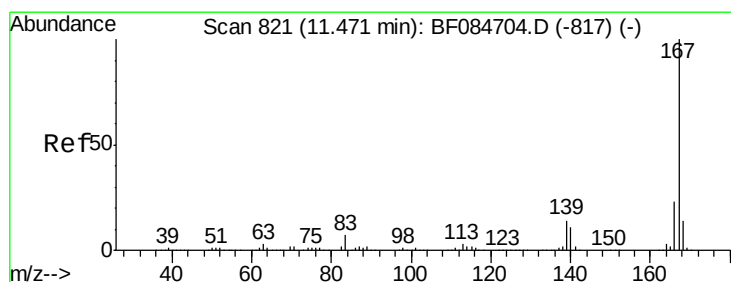
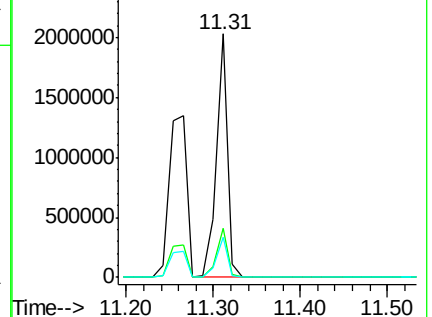
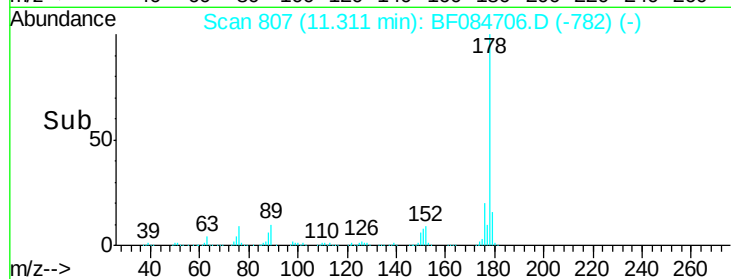
179 16.5 12.5 18.7



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: 56.00 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

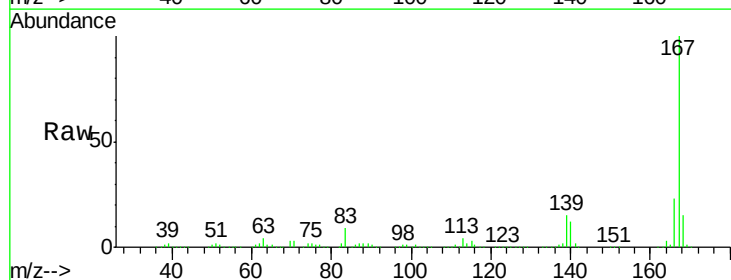
Tgt Ion:167 Resp: 1615975

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

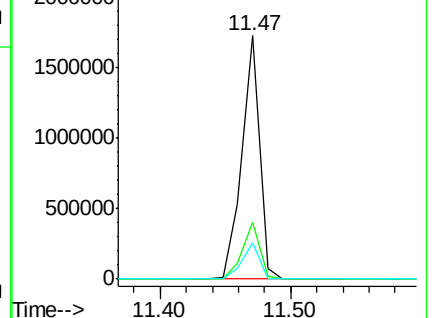
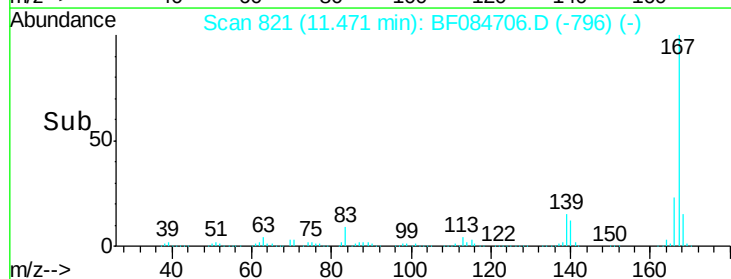
139 14.8 11.8 17.8



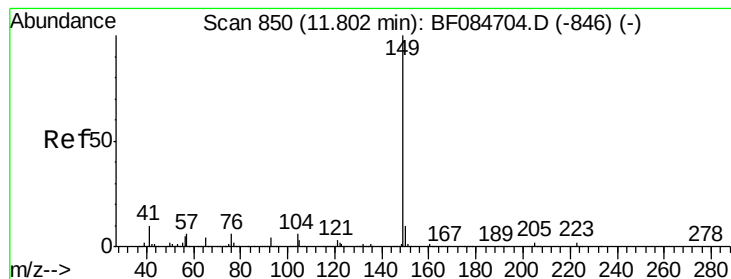
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 58.36 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

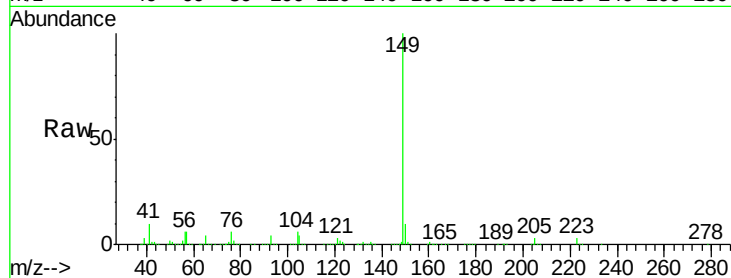
Tot Ion:149 Resp: 2048205

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

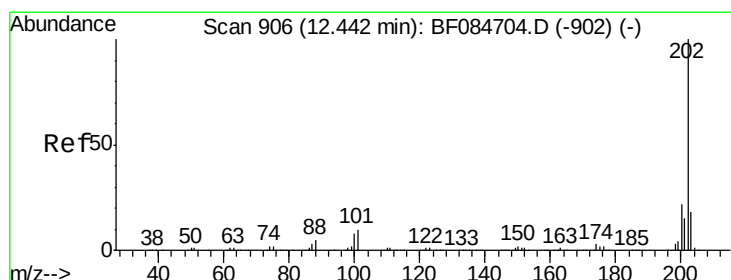
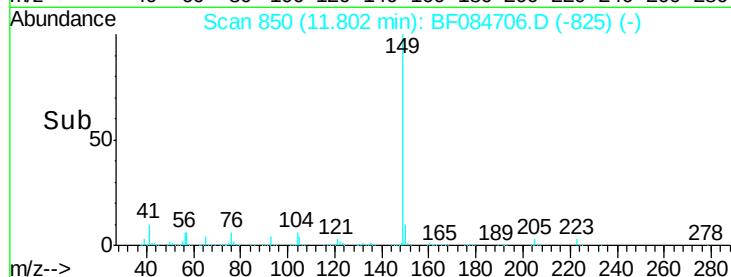
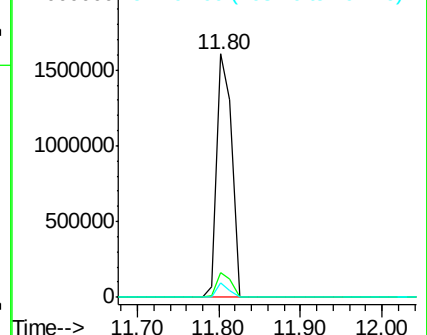
104 6.1 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 56.96 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

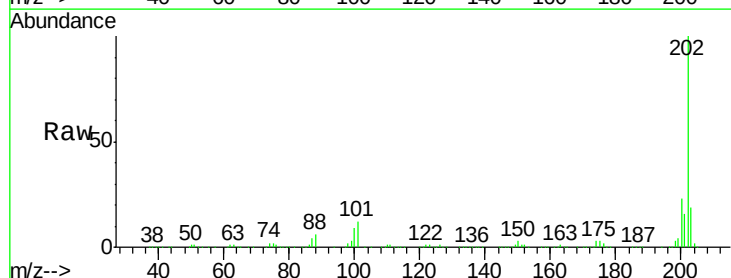
Tgt Ion:202 Resp: 1854530

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.8

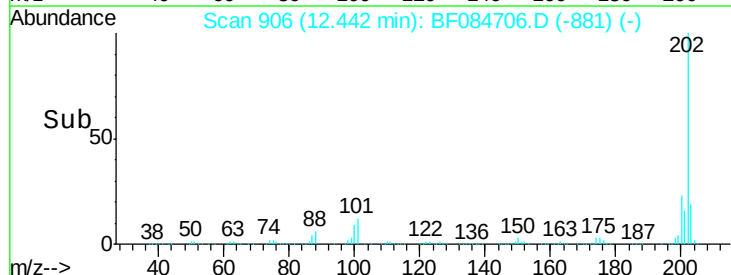
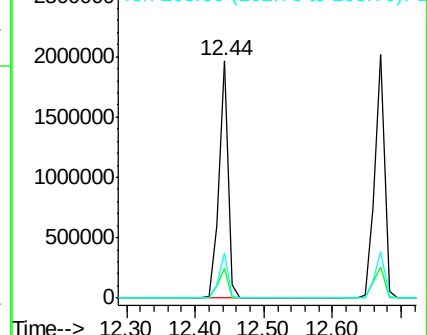
203 19.1 0.0 37.9

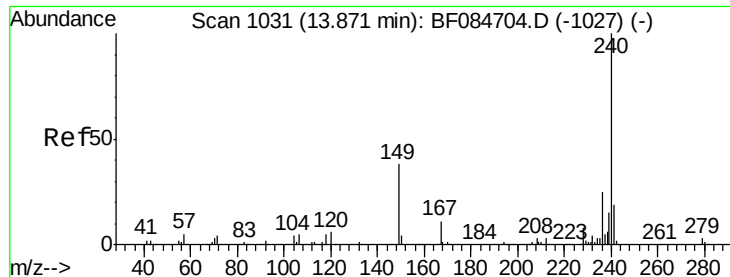


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

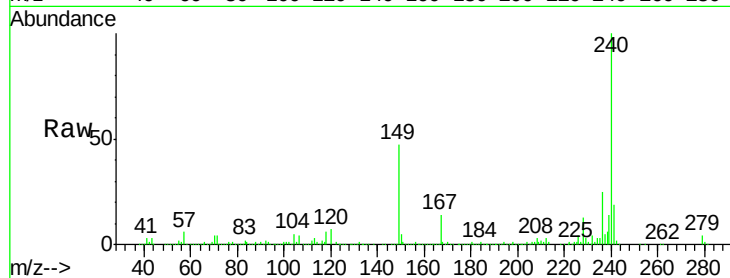
Tot Ion:240 Resp: 432732

Ion Ratio Lower Upper

240 100

120 6.6 9.5 14.3#

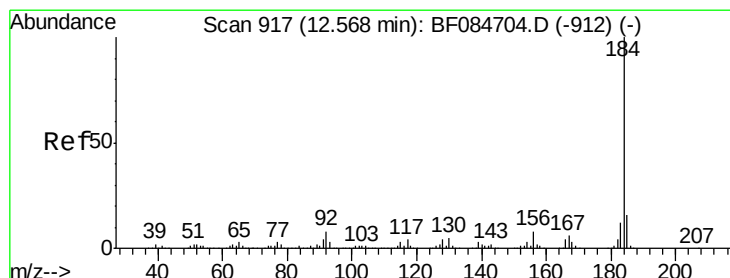
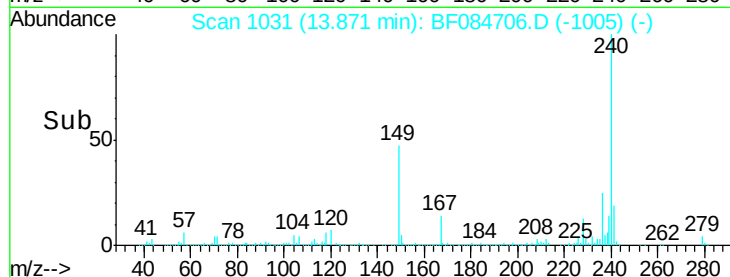
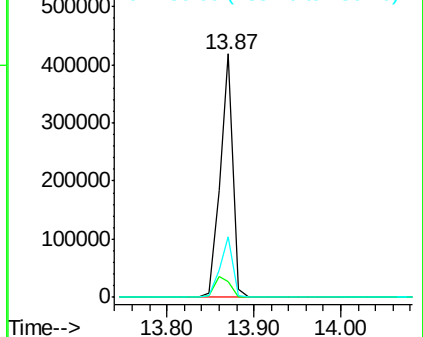
236 24.9 20.6 31.0



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: 49.05 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

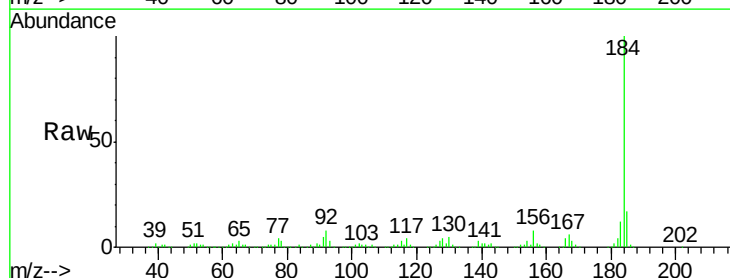
Tgt Ion:184 Resp: 807316

Ion Ratio Lower Upper

184 100

185 17.5 12.2 18.2

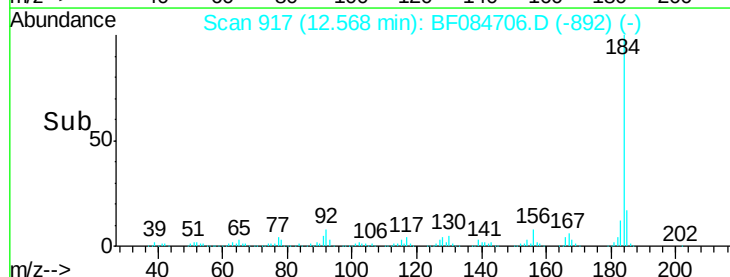
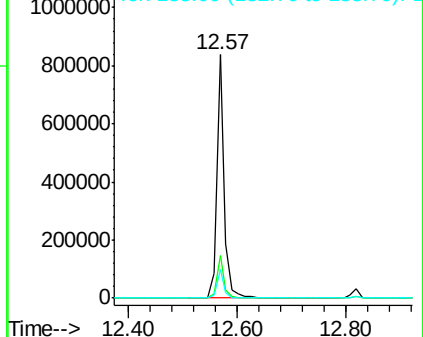
183 12.0 9.8 14.8

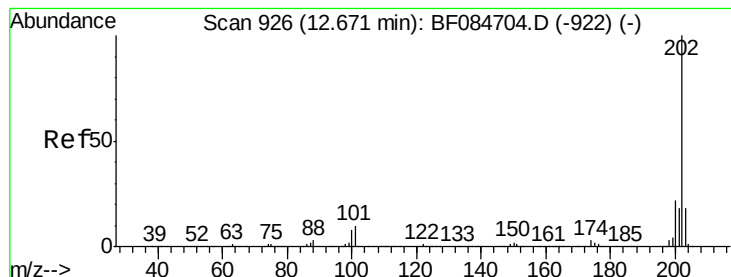


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 59.85 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

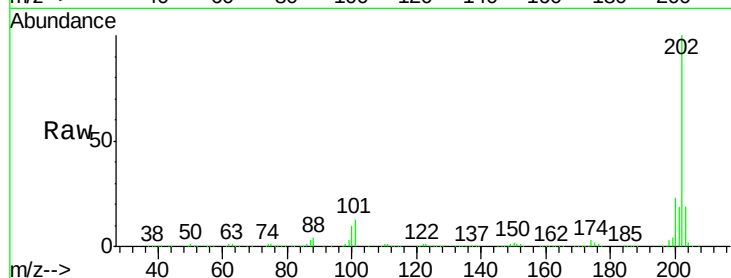
BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:202 Resp: 1953357

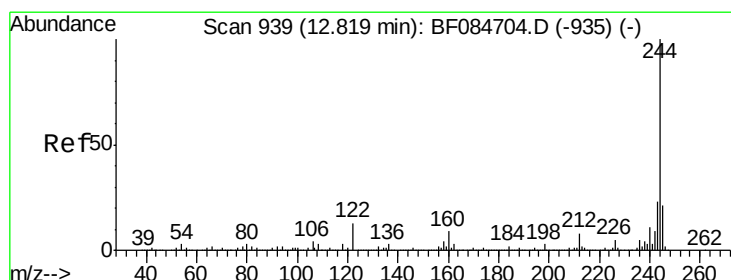
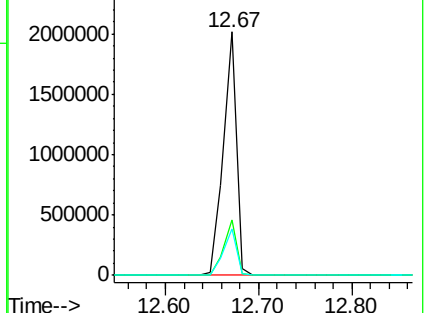
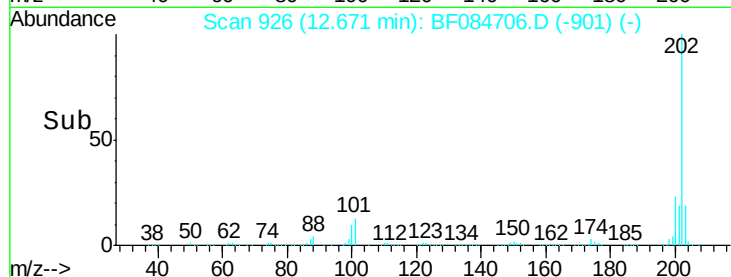
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.0  | 17.2  | 25.8  |
| 203 | 18.9  | 14.3  | 21.5  |



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: 104.72 ng

RT: 12.82 min Scan# 939

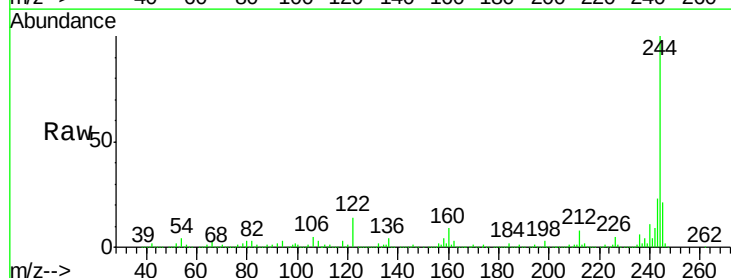
Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Tgt Ion:244 Resp: 2006413

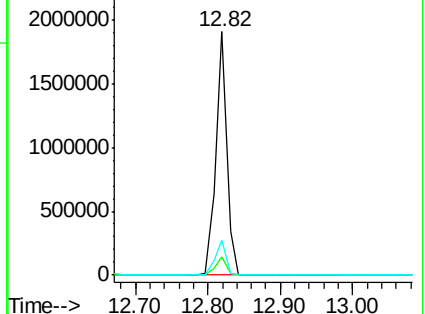
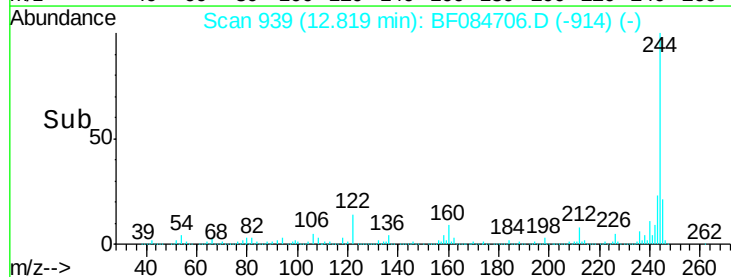
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.8   | 5.7   | 8.5   |
| 122 | 14.2  | 7.4   | 11.0  |

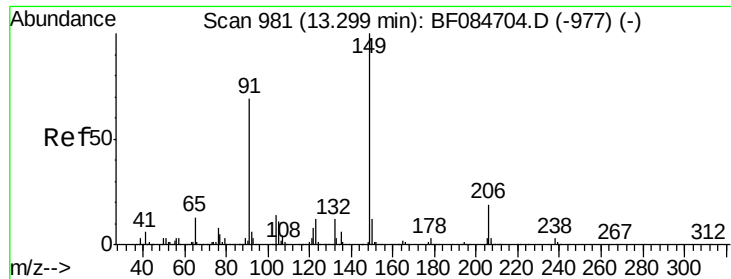


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

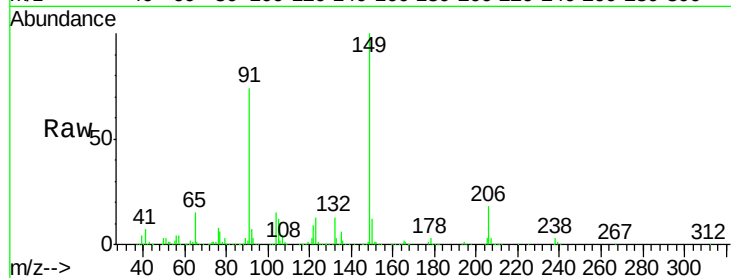




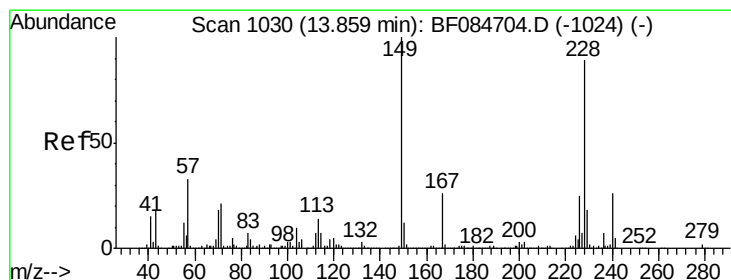
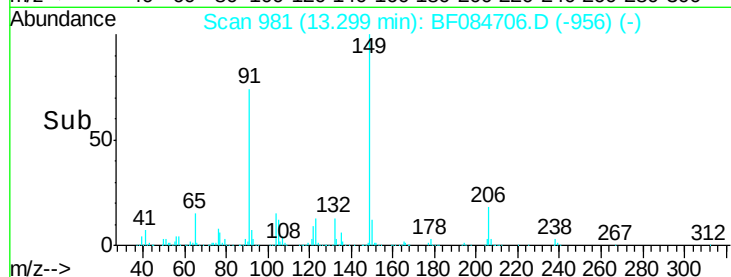
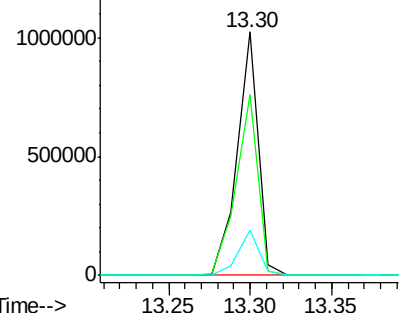
#79  
Butylbenzylphthalate  
Concen: 65.96 ng  
RT: 13.30 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 74.5  | 57.6  | 86.4  |
| 206     | 18.4  | 13.2  | 19.8  |

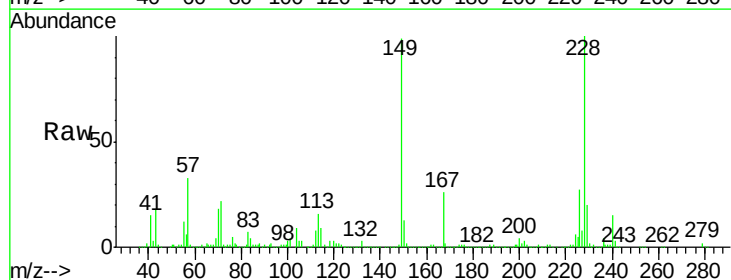


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

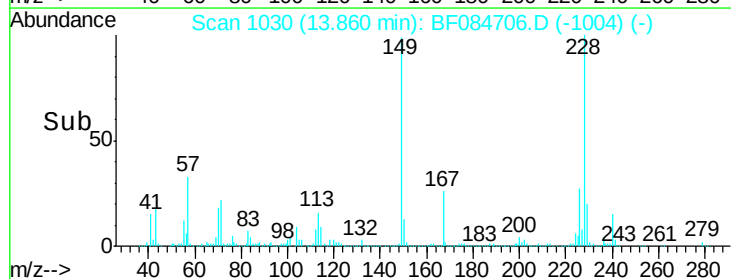
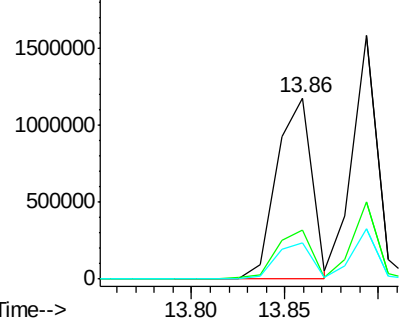


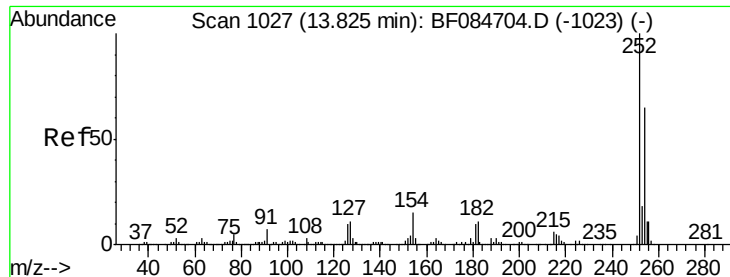
#80  
Benzo(a)anthracene  
Concen: 57.50 ng  
RT: 13.86 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BF084706.D  
Acq: 1 Feb 2016 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.3  | 21.8  | 32.6  |
| 229     | 20.1  | 15.8  | 23.8  |



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

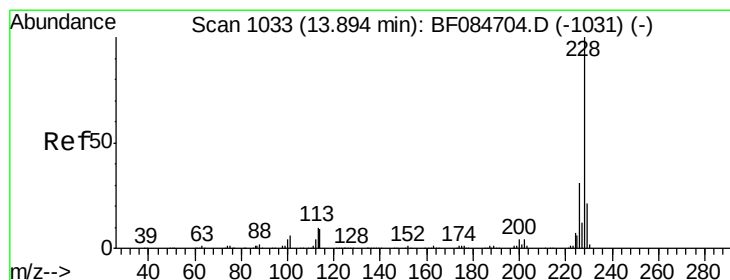
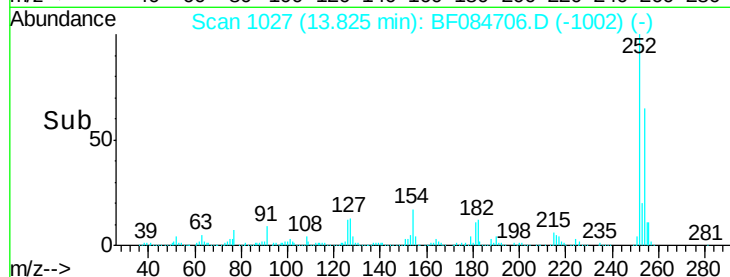
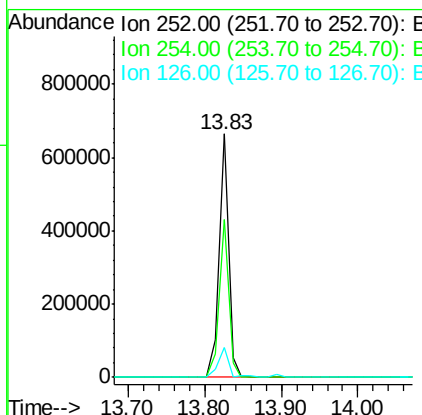
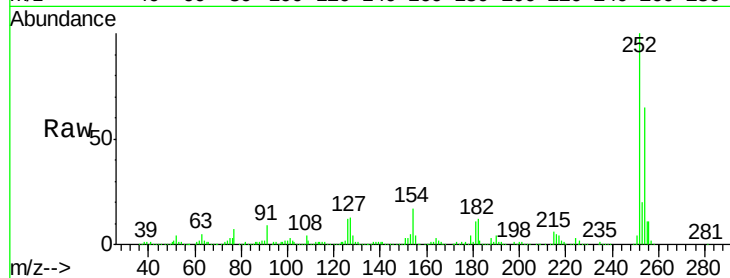




#81  
 3,3'-Dichlorobenzidine  
 Concen: 60.19 ng  
 RT: 13.83 min Scan# 1027  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

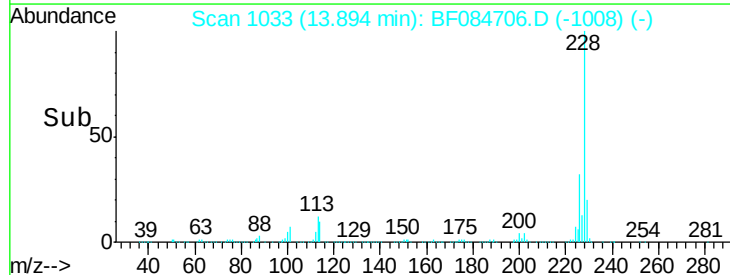
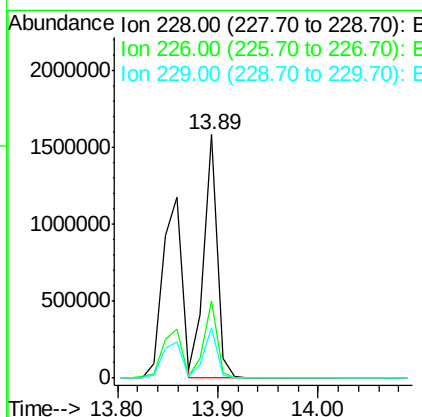
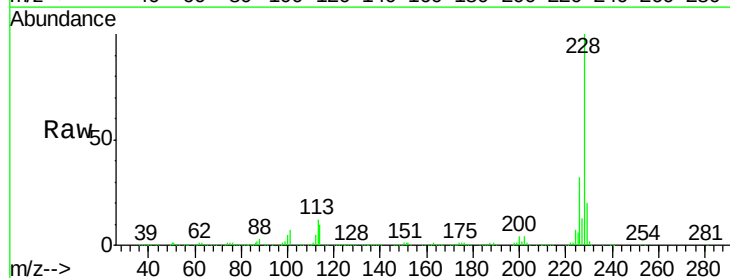
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

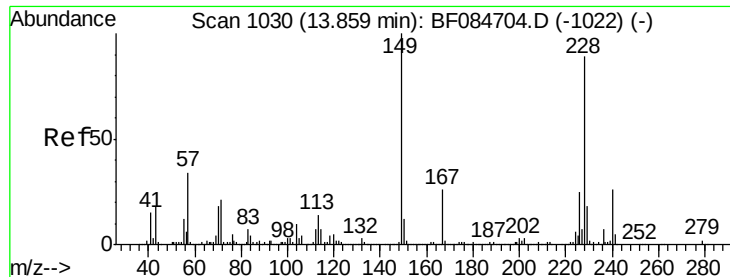
Tot Ion:252 Resp: 571271  
 Ion Ratio Lower Upper  
 252 100  
 254 64.7 53.5 80.3  
 126 12.3 4.9 7.3#



#82  
 Chrysene  
 Concen: 55.63 ng  
 RT: 13.89 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

Tgt Ion:228 Resp: 1479252  
 Ion Ratio Lower Upper  
 228 100  
 226 31.6 24.3 36.5  
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.43 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

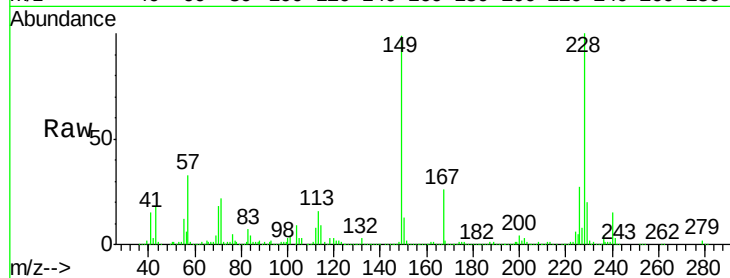
BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1074855

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.2  | 19.7  | 29.5  |
| 279 | 2.4   | 1.8   | 2.6   |

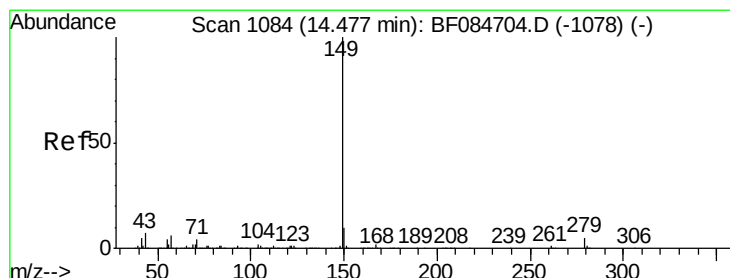
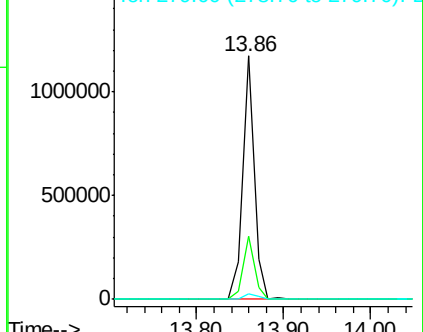
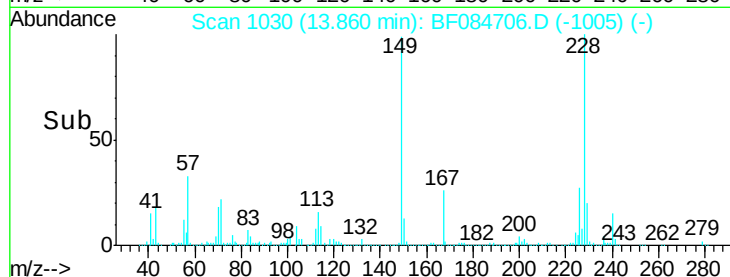


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 65.62 ng

RT: 14.48 min Scan# 1084

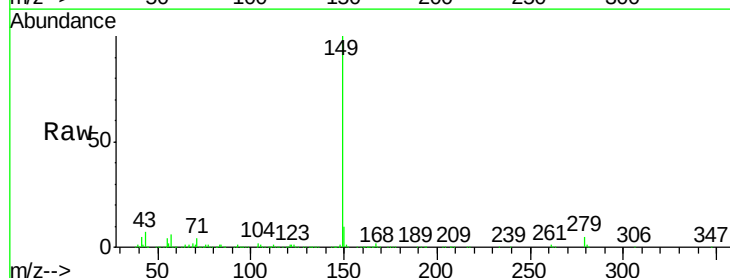
Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Tgt Ion:149 Resp: 1875211

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 10.9  | 5.6   | 8.4#  |

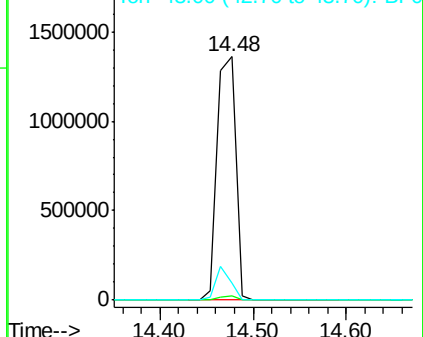
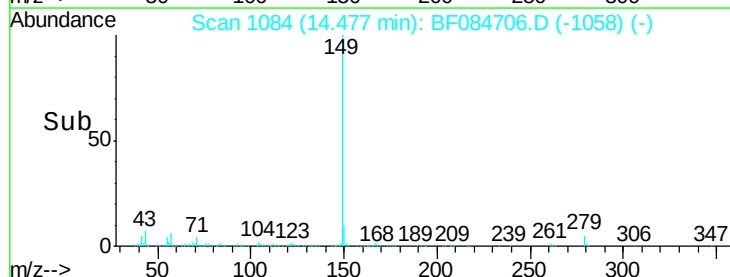


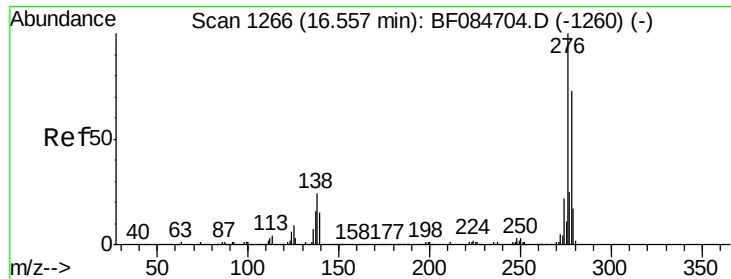
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



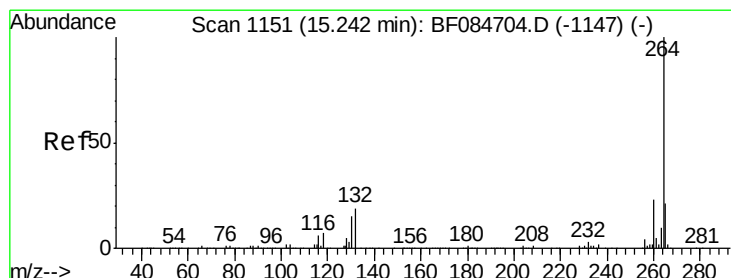
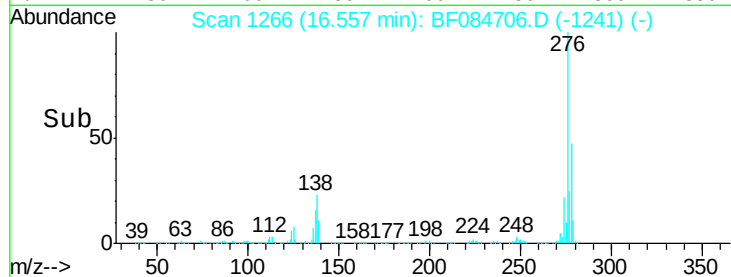
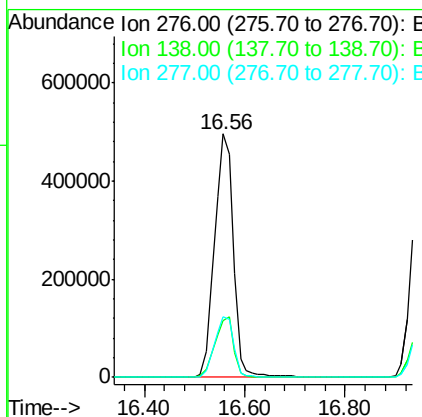
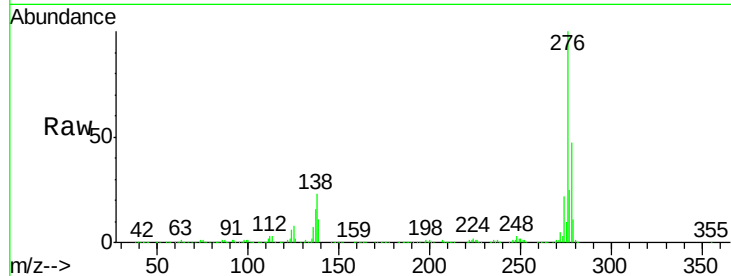


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 54.99 ng  
 RT: 16.56 min Scan# 1266  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:276 Resp: 1292689  

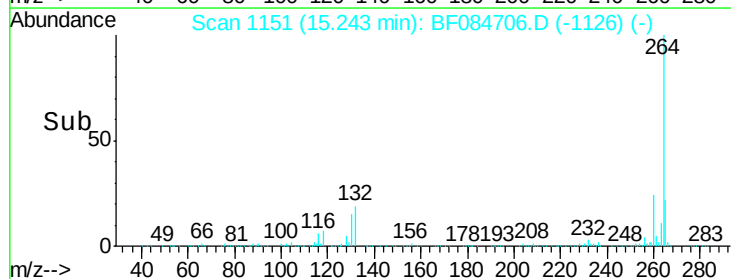
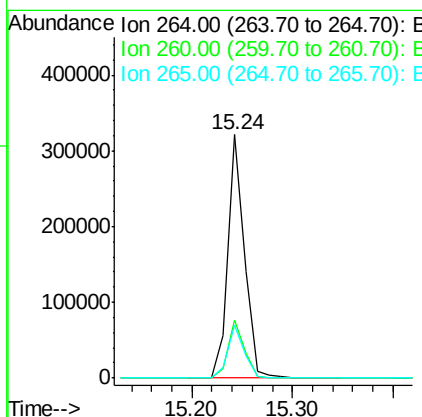
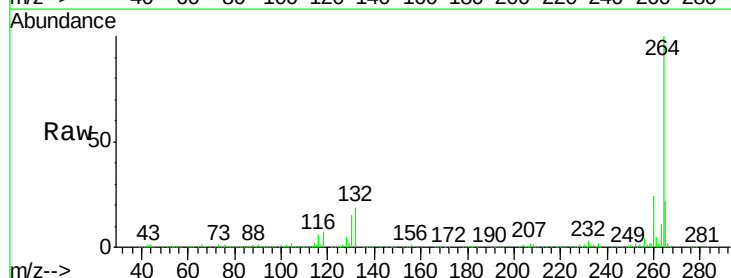
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 24.7  | 20.6  | 30.8  |
| 277 | 25.4  | 20.1  | 30.1  |

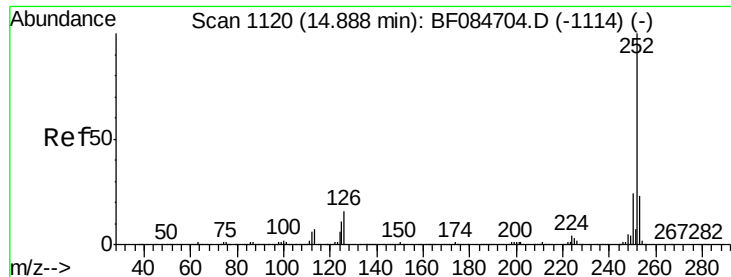


#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.24 min Scan# 1151  
 Delta R.T. -0.01 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

Tgt Ion:264 Resp: 369040  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.9  | 19.4  | 29.2  |
| 265 | 22.0  | 17.8  | 26.6  |





#87

Benzo(b)fluoranthene

Concen: 106.07 ng

RT: 14.87 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:252 Resp: 2534646

Ion Ratio Lower Upper

252 100

253 22.8

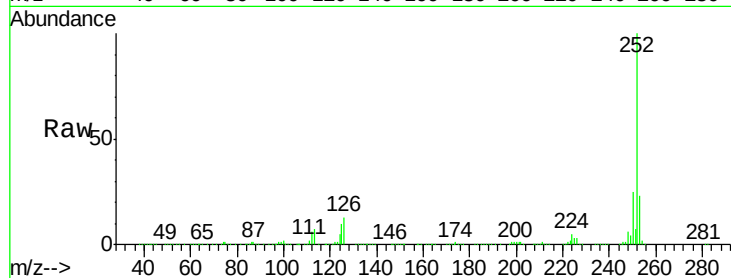
17.3

25.9

125 10.1

6.5

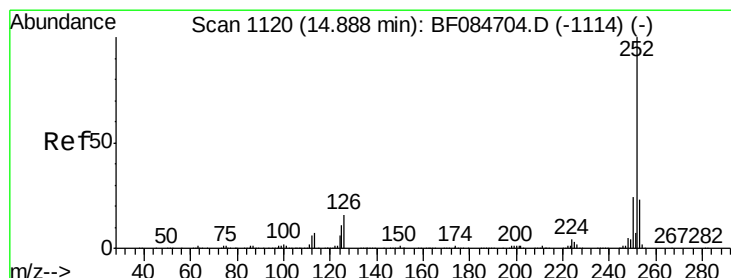
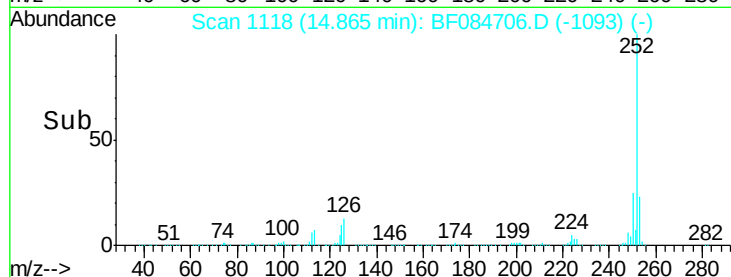
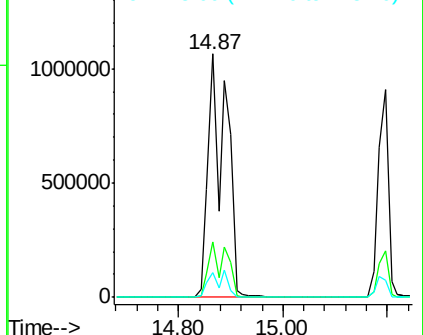
9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 128.48 ng

RT: 14.87 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Tgt Ion:252 Resp: 2535998

Ion Ratio Lower Upper

252 100

253 22.8

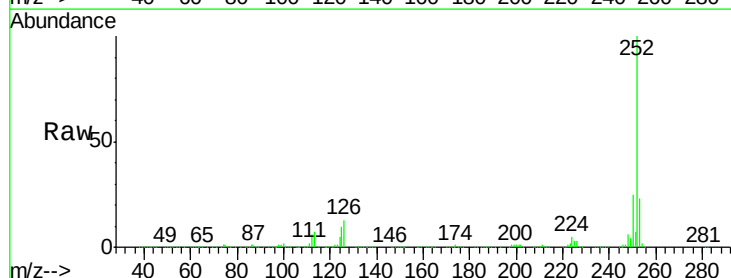
18.1

27.1

125 10.1

9.0

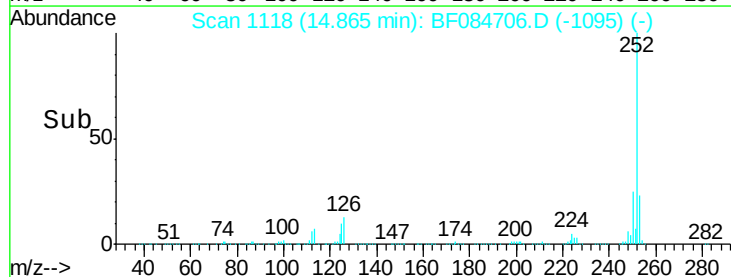
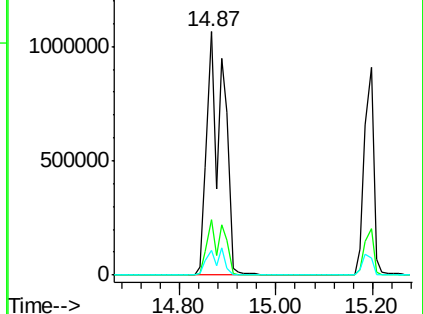
13.6



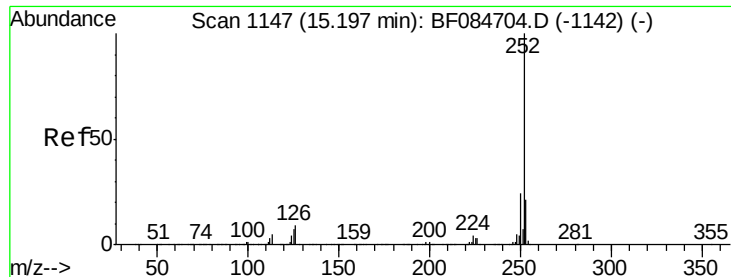
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(a)pyrene

Concen: 59.61 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

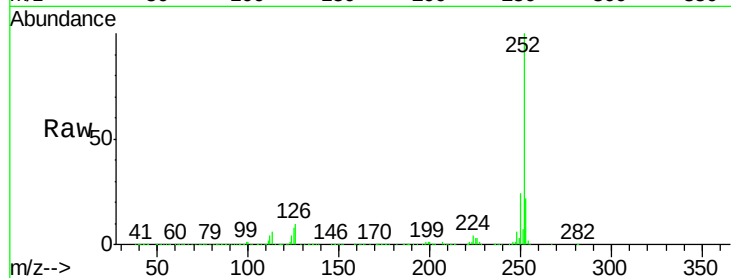
Tot Ion:252 Resp: 1232190

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

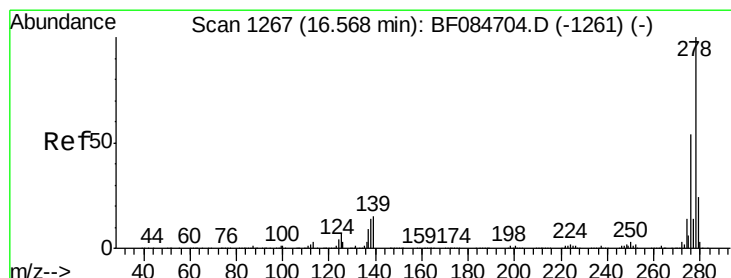
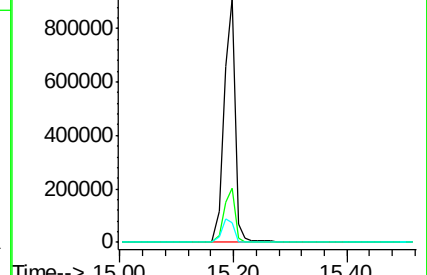
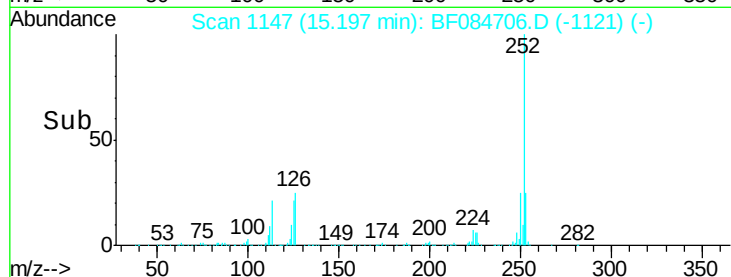
125 8.0 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 57.00 ng

RT: 16.57 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF084706.D

Acq: 1 Feb 2016 13:27

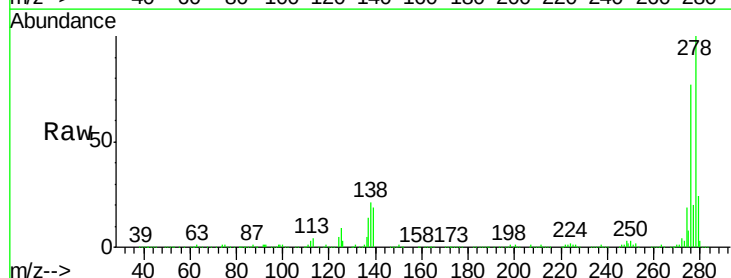
Tgt Ion:278 Resp: 1061775

Ion Ratio Lower Upper

278 100

139 18.6 15.0 22.4

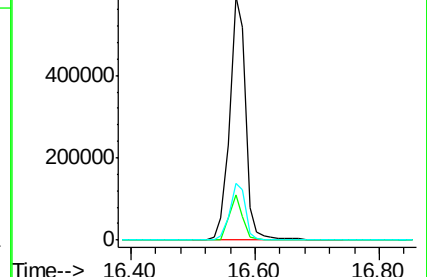
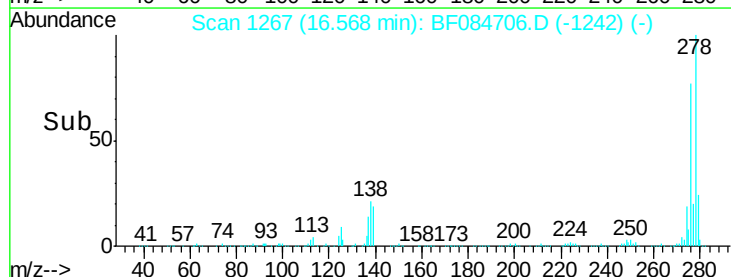
279 23.6 18.9 28.3

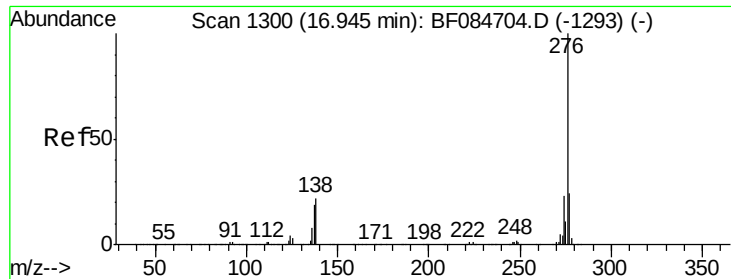


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 58.66 ng  
 RT: 16.96 min Scan# 1301  
 Delta R.T. -0.00 min  
 Lab File: BF084706.D  
 Acq: 1 Feb 2016 13:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:276 Resp: 1103334  
 Ion Ratio Lower Upper  
 276 100  
 277 23.7 18.8 28.2  
 138 18.4 17.8 26.6

