

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041015\  
 Data File : BF078404.D  
 Acq On : 10 Apr 2015 17:29  
 Operator : TP/IZ  
 Sample : PB82621BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

Quant Time: Apr 11 00:46:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 11 00:31:48 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 26232    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.44  | 136  | 106362   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.59 | 164  | 54802    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.42 | 188  | 110182   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.68 | 240  | 131914   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 17.36 | 264  | 132951   | 20.00 | ng    | -0.09    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.12  | 112 | 203918 | 128.17 | ng | 0.00 |
| 7) Phenol-d6             | 6.46  | 99  | 263921 | 132.36 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.56  | 82  | 149926 | 85.44  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.57 | 330 | 69503  | 152.92 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.78  | 172 | 318268 | 83.02  | ng | 0.00 |
| 78) Terphenyl-d14        | 14.41 | 244 | 432043 | 74.01  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 1.62 | 88  | 80573  | 111.99 | ng | # 23   |
| 3) Pyridine                    | 2.26 | 79  | 73008  | 38.74  | ng | # 94   |
| 4) n-Nitrosodimethylamine      | 2.19 | 42  | 32383  | 44.64  | ng | # 89   |
| 6) Aniline                     | 6.45 | 93  | 37108  | 13.12  | ng | # 74   |
| 8) 2-Chlorophenol              | 6.59 | 128 | 77223  | 41.05  | ng | # 98   |
| 9) Benzaldehyde                | 6.29 | 77  | 24283  | 18.38  | ng | # 91   |
| 10) Phenol                     | 6.48 | 94  | 98042  | 41.04  | ng | # 100  |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 69093  | 40.22  | ng | # 92   |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146 | 79030  | 38.24  | ng | # 98   |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146 | 79688  | 38.31  | ng | # 98   |
| 14) 1,2-Dichlorobenzene        | 7.06 | 146 | 75384  | 38.65  | ng | # 99   |
| 15) Benzyl Alcohol             | 7.06 | 79  | 64471  | 46.01  | ng | # 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45  | 93315  | 40.72  | ng | # 97   |
| 17) 2-Methylphenol             | 7.22 | 107 | 60869  | 41.67  | ng | # 95   |
| 18) Hexachloroethane           | 7.48 | 117 | 26773  | 38.17  | ng | # 96   |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70  | 50599  | 38.46  | ng | # 84   |
| 20) 3+4-Methylphenols          | 7.42 | 107 | 82561  | 42.37  | ng | # 94   |
| 22) Acetophenone               | 7.38 | 105 | 107301 | 43.30  | ng | # 93   |
| 24) Nitrobenzene               | 7.58 | 77  | 78738  | 42.92  | ng | # 89   |
| 25) Isophorone                 | 7.88 | 82  | 135605 | 40.72  | ng | # 91   |
| 26) 2-Nitrophenol              | 7.98 | 139 | 36478  | 41.73  | ng | # 92   |
| 27) 2,4-Dimethylphenol         | 8.06 | 122 | 72026  | 44.31  | ng | # 96   |
| 28) bis(2-Chloroethoxy)methane | 8.18 | 93  | 88819  | 41.59  | ng | # 99   |
| 29) 2,4-Dichlorophenol         | 8.28 | 162 | 67441  | 45.60  | ng | # 90   |
| 30) 1,2,4-Trichlorobenzene     | 8.37 | 180 | 67965  | 40.08  | ng | # 97   |
| 31) Naphthalene                | 8.46 | 128 | 227238 | 41.05  | ng | # 99   |
| 32) Benzoic acid               | 8.19 | 122 | 39734  | 51.50  | ng | # 92   |
| 33) 4-Chloroaniline            | 8.56 | 127 | 36164  | 15.74  | ng | # 97   |
| 34) Hexachlorobutadiene        | 8.62 | 225 | 37174  | 39.93  | ng | # 98   |
| 35) Caprolactam                | 8.97 | 113 | 22662  | 51.34  | ng | # 98   |
| 36) 4-Chloro-3-methylphenol    | 9.17 | 107 | 71718  | 48.06  | ng | # 95   |
| 37) 2-Methylnaphthalene        | 9.32 | 142 | 157725 | 41.96  | ng | # 98   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.53 | 216 | 67125  | 39.53  | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 9.50 | 237 | 56580  | 77.62  | ng | # 98   |

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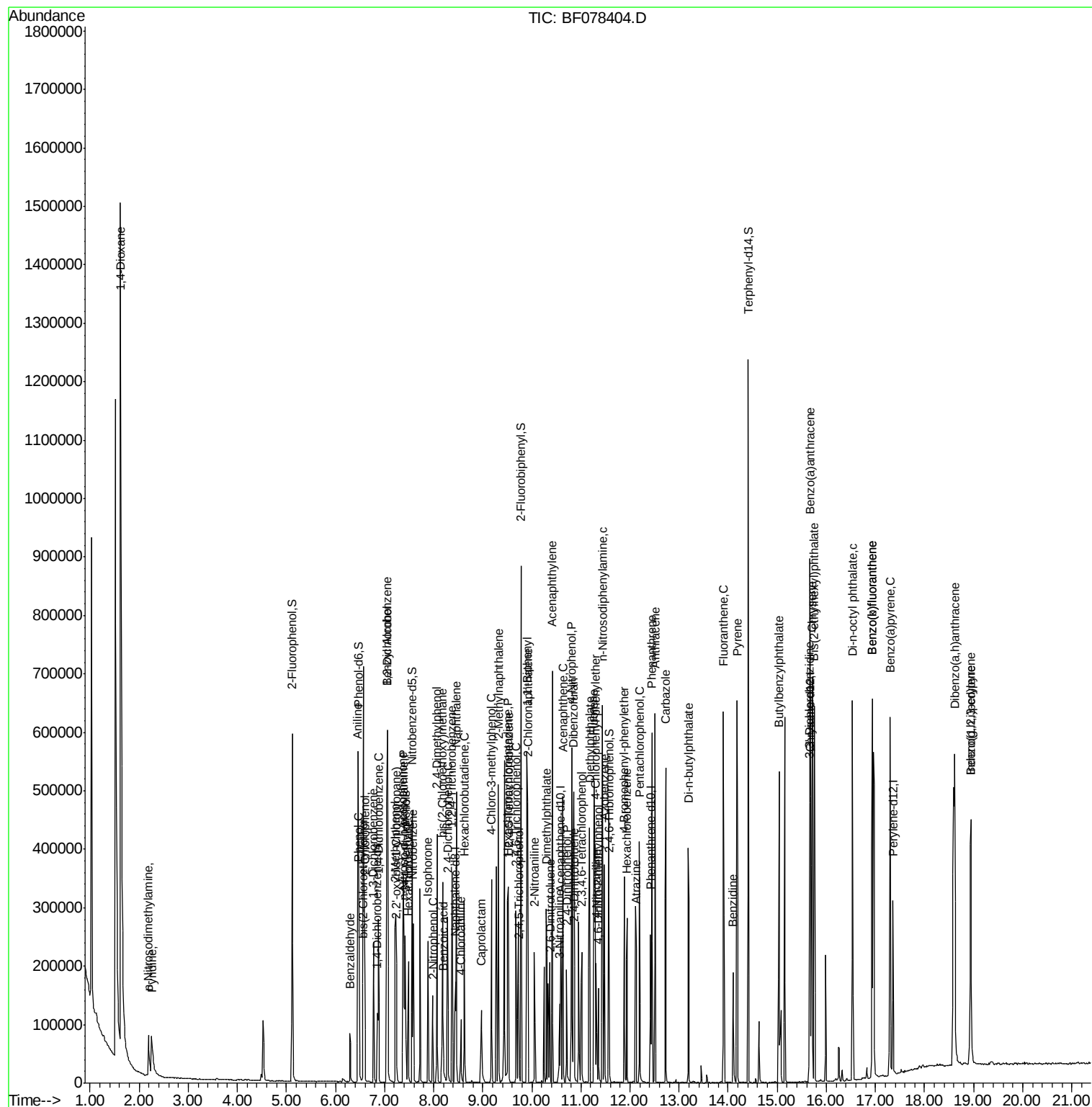
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.68  | 196  | 47364    | 44.23 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.73  | 196  | 50354    | 45.01 | ng    | # 83     |
| 45) 1,1'-Biphenyl              | 9.90  | 154  | 186759   | 41.66 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 9.92  | 162  | 150756   | 42.74 | ng    | 96       |
| 47) 2-Nitroaniline             | 10.05 | 65   | 40967    | 46.95 | ng    | 93       |
| 48) Acenaphthylene             | 10.42 | 152  | 240645   | 42.25 | ng    | 99       |
| 49) Dimethylphthalate          | 10.29 | 163  | 170481   | 41.41 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 10.37 | 165  | 37106    | 43.81 | ng    | 98       |
| 51) Acenaphthene               | 10.64 | 154  | 137540   | 42.89 | ng    | 100      |
| 52) 3-Nitroaniline             | 10.57 | 138  | 25636    | 26.62 | ng    | 89       |
| 53) 2,4-Dinitrophenol          | 10.70 | 184  | 28776    | 84.82 | ng    | 95       |
| 54) Dibenzofuran               | 10.85 | 168  | 216180   | 44.14 | ng    | 93       |
| 55) 4-Nitrophenol              | 10.81 | 139  | 62945    | 88.45 | ng    | # 74     |
| 56) 2,4-Dinitrotoluene         | 10.86 | 165  | 53862    | 49.10 | ng    | 91       |
| 57) Fluorene                   | 11.27 | 166  | 173924   | 43.81 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.01 | 232  | 40453    | 48.77 | ng    | # 99     |
| 59) Diethylphthalate           | 11.17 | 149  | 176168   | 44.38 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 11.29 | 204  | 81100    | 44.41 | ng    | # 88     |
| 61) 4-Nitroaniline             | 11.31 | 138  | 40079    | 41.16 | ng    | 93       |
| 62) Azobenzene                 | 11.48 | 77   | 186887   | 51.58 | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 11.36 | 198  | 22865    | 42.91 | ng    | # 72     |
| 65) n-Nitrosodiphenylamine     | 11.44 | 169  | 157989   | 41.45 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.88 | 248  | 46998    | 40.28 | ng    | 94       |
| 67) Hexachlorobenzene          | 11.94 | 284  | 51435    | 40.23 | ng    | 96       |
| 68) Atrazine                   | 12.12 | 200  | 51923    | 47.04 | ng    | 97       |
| 69) Pentachlorophenol          | 12.19 | 266  | 51950    | 90.49 | ng    | 97       |
| 70) Phenanthrene               | 12.44 | 178  | 267199   | 41.92 | ng    | 99       |
| 71) Anthracene                 | 12.51 | 178  | 272503   | 43.39 | ng    | 99       |
| 72) Carbazole                  | 12.73 | 167  | 280491   | 47.66 | ng    | 98       |
| 73) Di-n-butylphthalate        | 13.19 | 149  | 308258   | 46.23 | ng    | 99       |
| 74) Fluoranthene               | 13.91 | 202  | 310303   | 46.17 | ng    | 97       |
| 76) Benzidine                  | 14.10 | 184  | 101279   | 19.94 | ng    | 97       |
| 77) Pyrene                     | 14.18 | 202  | 322434   | 38.94 | ng    | 98       |
| 79) Butylbenzylphthalate       | 15.04 | 149  | 140211   | 44.42 | ng    | 86       |
| 80) Benzo(a)anthracene         | 15.67 | 228  | 325419   | 41.46 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.65 | 252  | 54180    | 20.61 | ng    | # 97     |
| 82) Chrysene                   | 15.71 | 228  | 306450   | 41.56 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 15.76 | 149  | 208196   | 42.06 | ng    | # 95     |
| 84) Di-n-octyl phthalate       | 16.53 | 149  | 372628   | 45.84 | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 18.95 | 276  | 293155   | 35.03 | ng    | 91       |
| 87) Benzo(b)fluoranthene       | 16.93 | 252  | 333561   | 40.59 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 16.93 | 252  | 333561   | 45.68 | ng    | # 95     |
| 89) Benzo(a)pyrene             | 17.30 | 252  | 322597   | 44.99 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 18.61 | 278  | 298031   | 41.51 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 18.95 | 276  | 295759   | 41.09 | ng    | 97       |

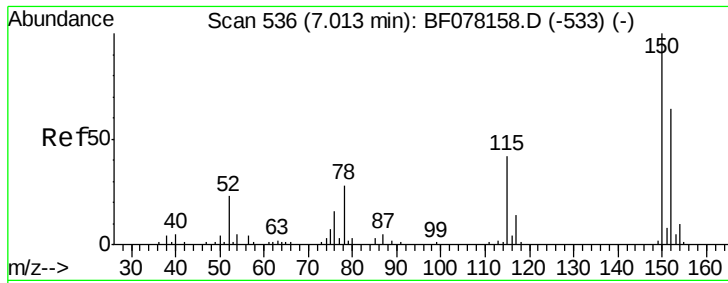
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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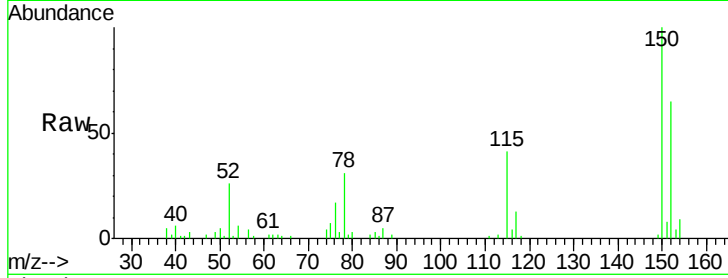


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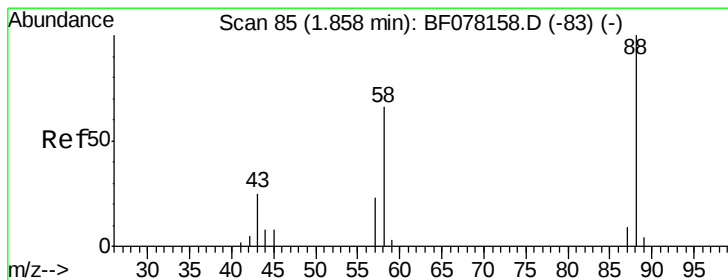
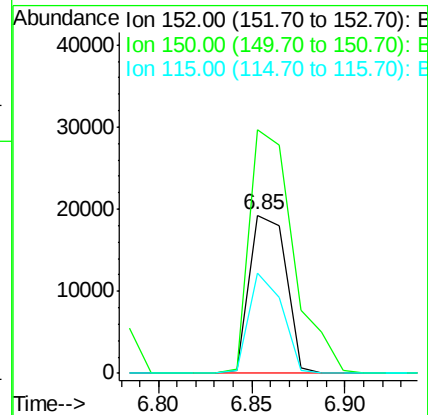
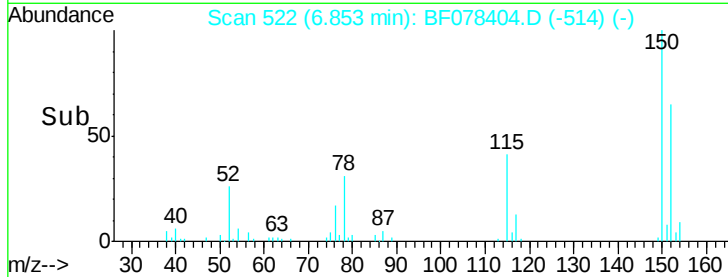
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.85 min Scan# 522  
Delta R.T. -0.01 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

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BNA\_F  
ClientSampleId :  
PB82621BS

Tgt Ion:152 Resp: 26232  
Ion Ratio Lower Upper  
152 100  
150 154.2 125.9 188.9  
115 63.7 52.7 79.1



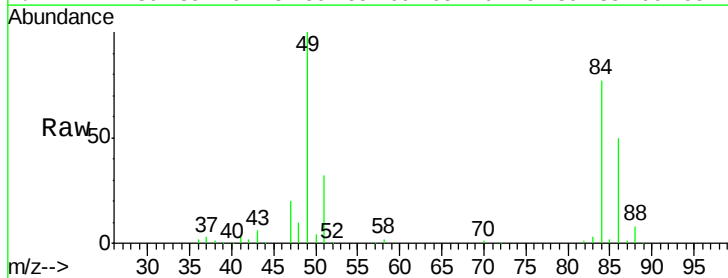
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



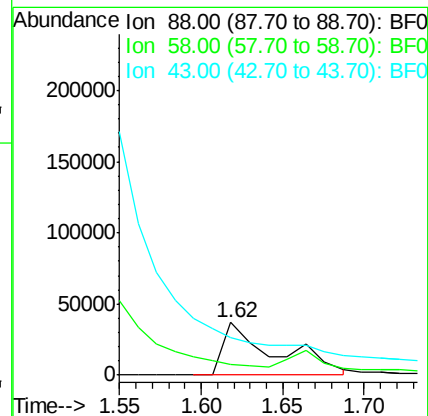
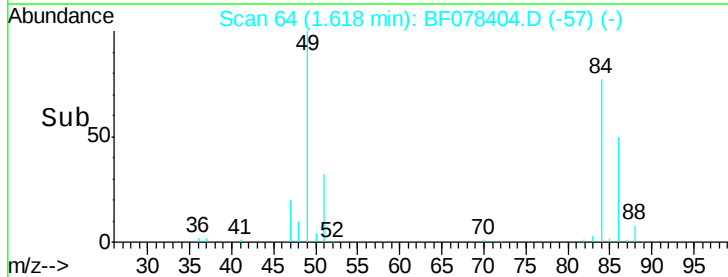
#2

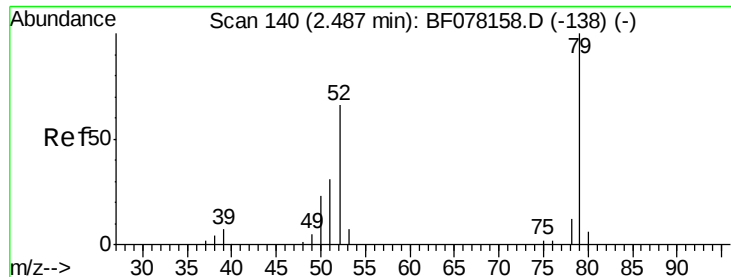
1,4-Dioxane  
Concen: 111.99 ng  
RT: 1.62 min Scan# 64  
Delta R.T. -0.02 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Tgt Ion: 88 Resp: 80573  
Ion Ratio Lower Upper  
88 100  
58 0.0 56.9 85.3#  
43 0.0 21.4 32.2#



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





#3

Pyridine

Concen: 38.74 ng

RT: 2.26 min Scan# 120

Delta R.T. 0.03 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

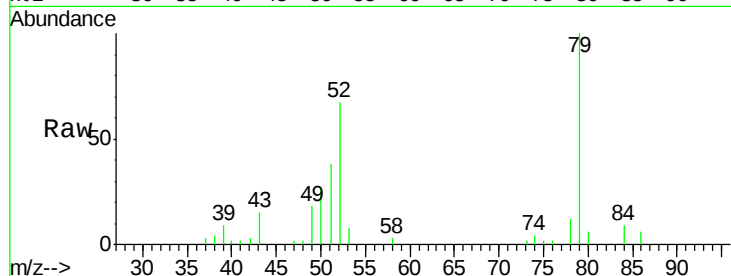
Tgt Ion: 79 Resp: 73008

Ion Ratio Lower Upper

79 100

52 67.4 52.4 78.6

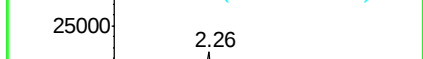
51 38.0 24.9 37.3#



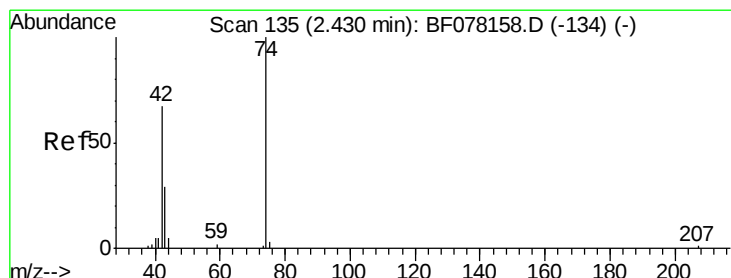
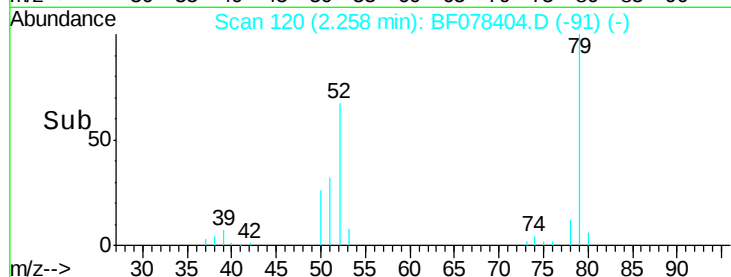
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



Time--> 2.10 2.20 2.30 2.40 2.50



#4

n-Nitrosodimethylamine

Concen: 44.64 ng

RT: 2.19 min Scan# 114

Delta R.T. 0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

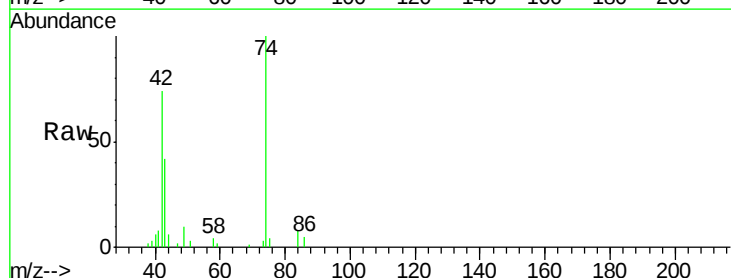
Tgt Ion: 42 Resp: 32383

Ion Ratio Lower Upper

42 100

74 134.5 118.7 178.1

44 8.3 5.9 8.9



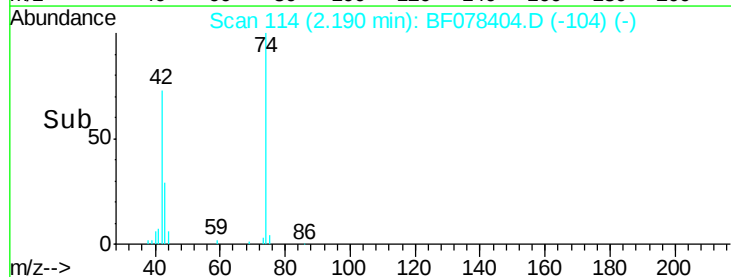
Abundance Ion 42.00 (41.70 to 42.70): BF0

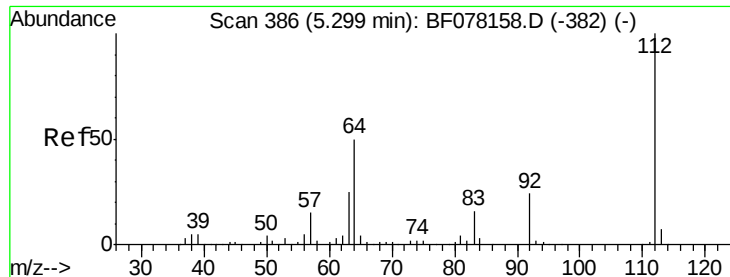
Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



Time--> 2.10 2.15 2.20 2.25





#5

2-Fluorophenol

Concen: 128.17 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

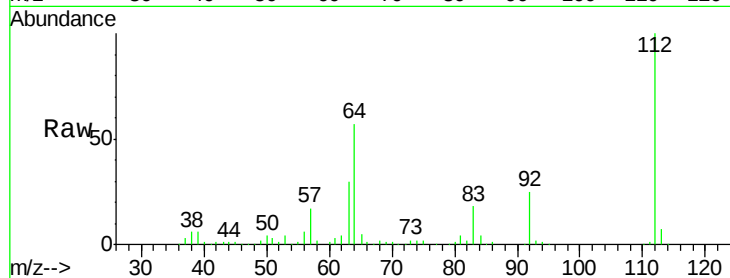
Tgt Ion: 112 Resp: 203918

Ion Ratio Lower Upper

112 100

64 57.3 39.9 59.9

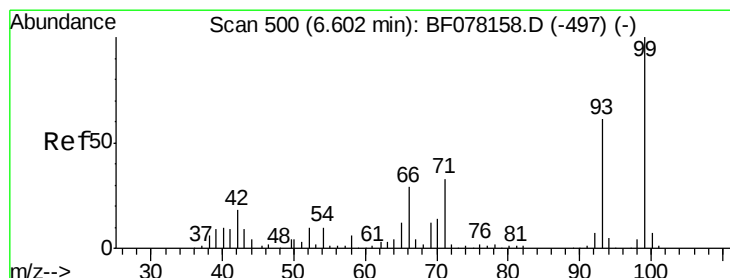
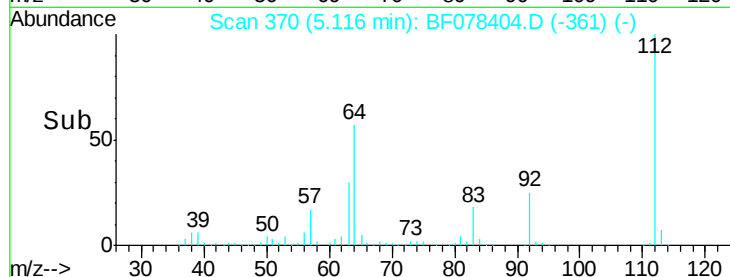
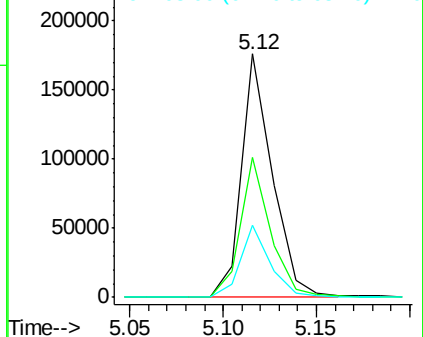
63 29.6 20.2 30.4



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: 13.12 ng

RT: 6.45 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

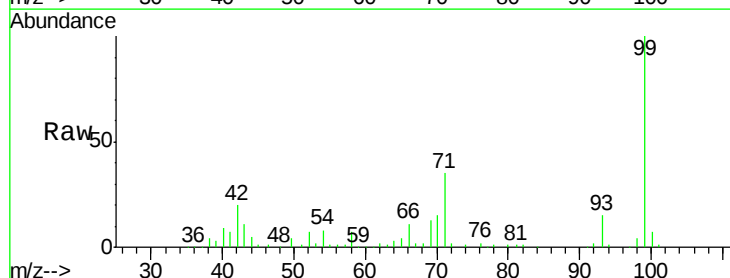
Tgt Ion: 93 Resp: 37108

Ion Ratio Lower Upper

93 100

66 70.0 38.0 57.0#

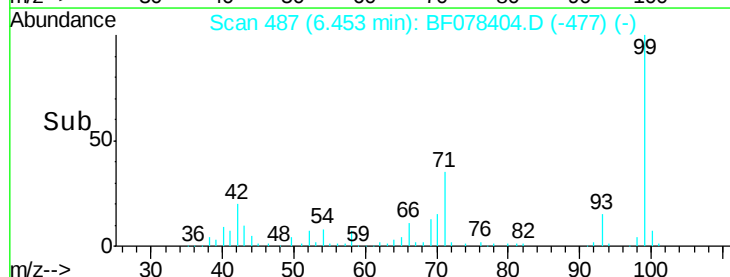
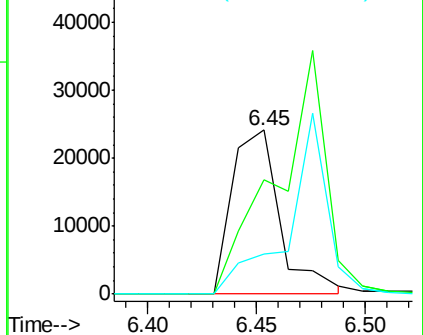
65 24.7 16.3 24.5#

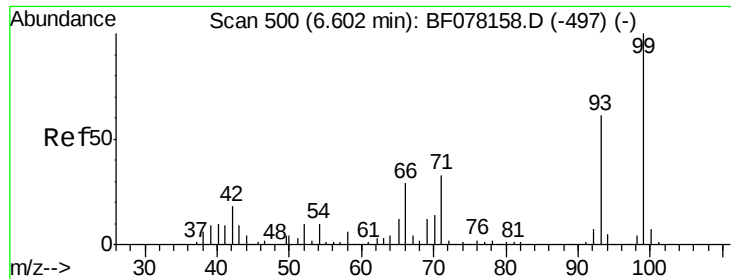


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.36 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampled :

PB82621BS

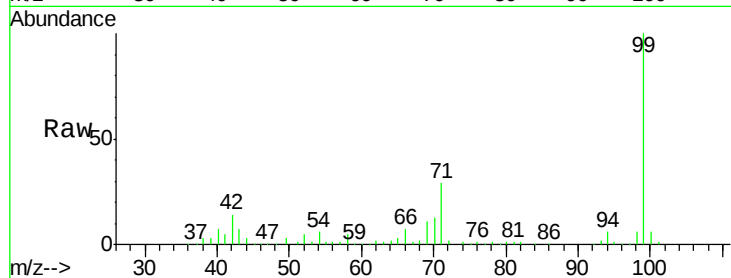
Tgt Ion: 99 Resp: 263921

Ion Ratio Lower Upper

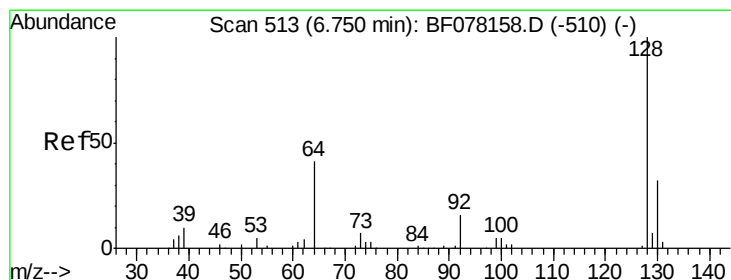
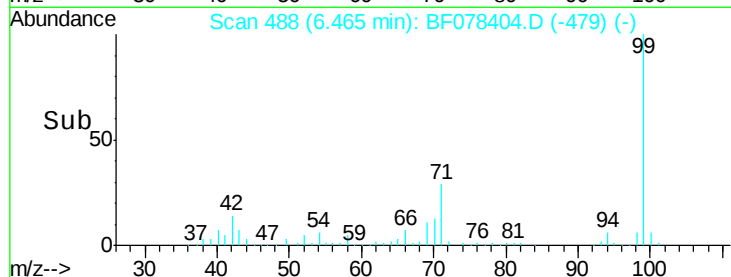
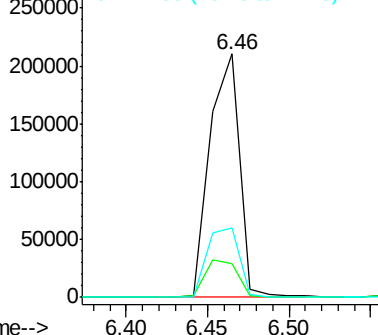
99 100

42 13.8 14.8 22.2#

71 28.6 26.6 39.8



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: 41.05 ng

RT: 6.59 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

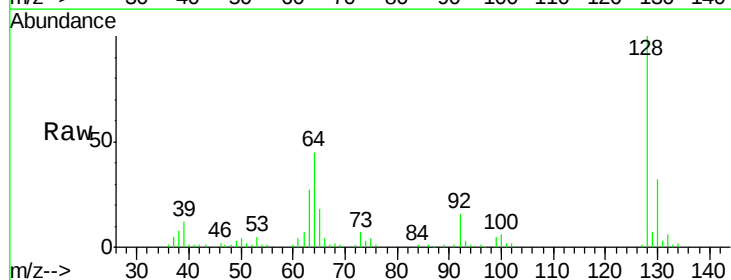
Tgt Ion: 128 Resp: 77223

Ion Ratio Lower Upper

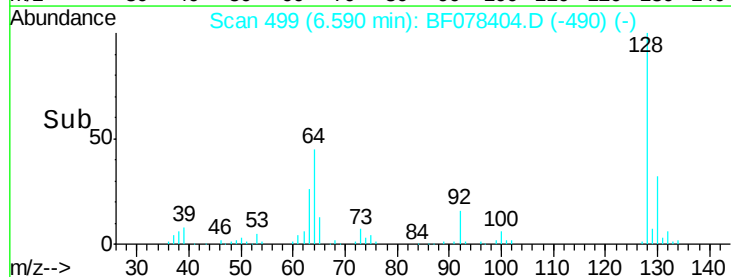
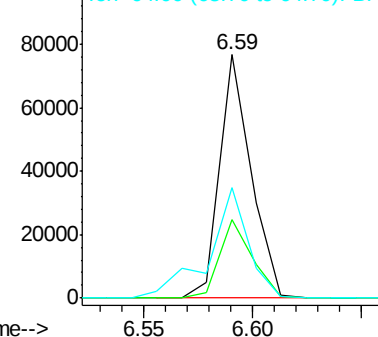
128 100

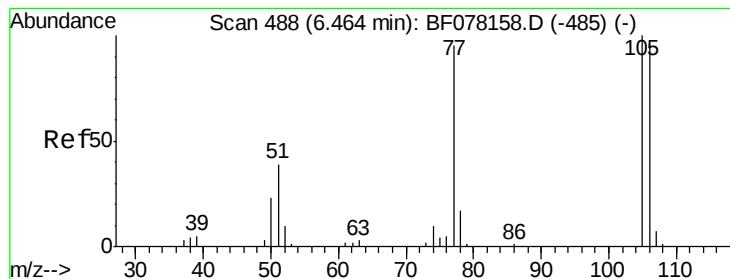
130 32.1 12.3 52.3

64 45.4 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: 18.38 ng

RT: 6.29 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

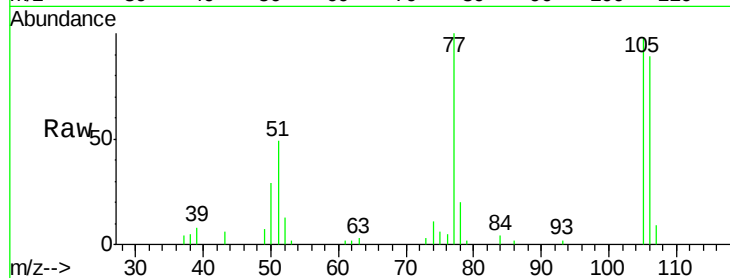
Tgt Ion: 77 Resp: 24283

Ion Ratio Lower Upper

77 100

105 97.9 85.4 125.4

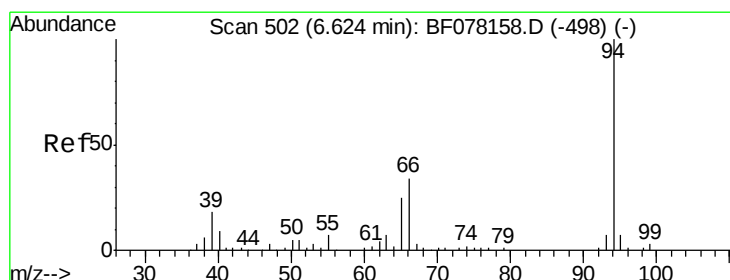
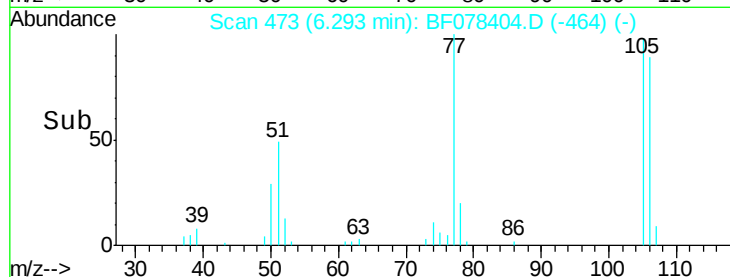
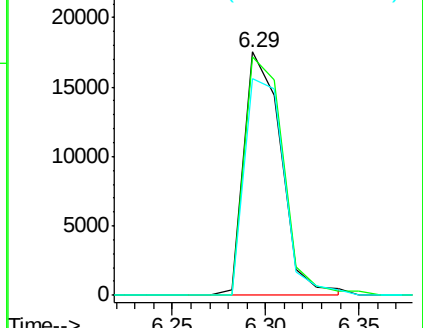
106 89.2 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.04 ng

RT: 6.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

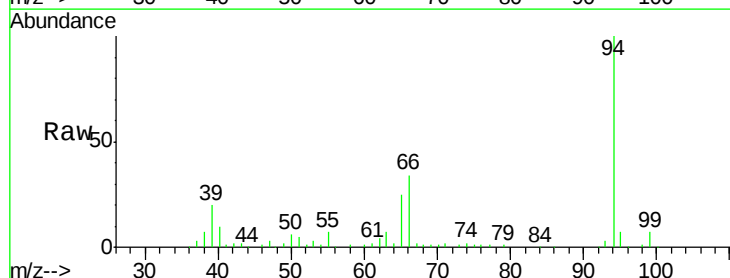
Tgt Ion: 94 Resp: 98042

Ion Ratio Lower Upper

94 100

65 25.1 4.9 44.9

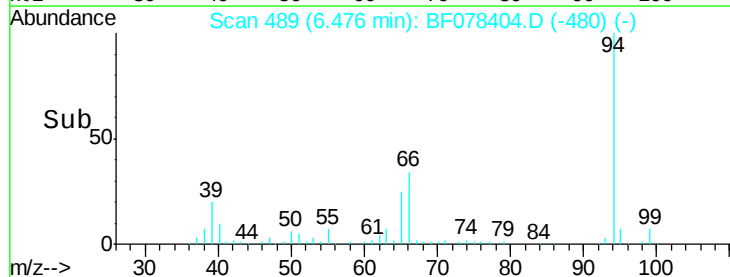
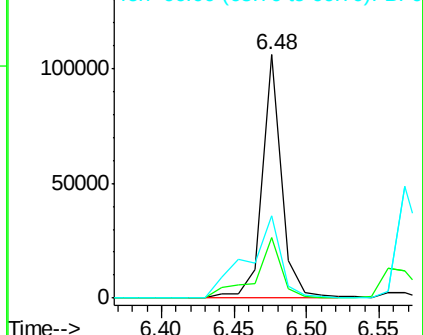
66 33.8 13.8 53.8

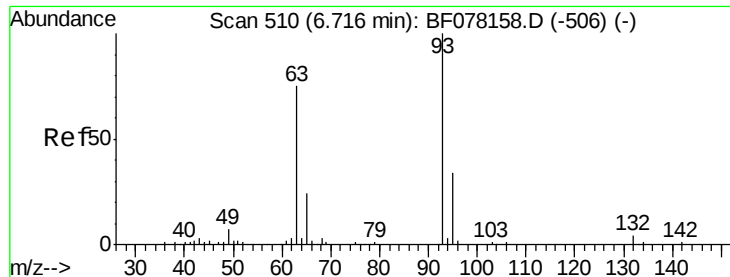


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.22 ng

RT: 6.56 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

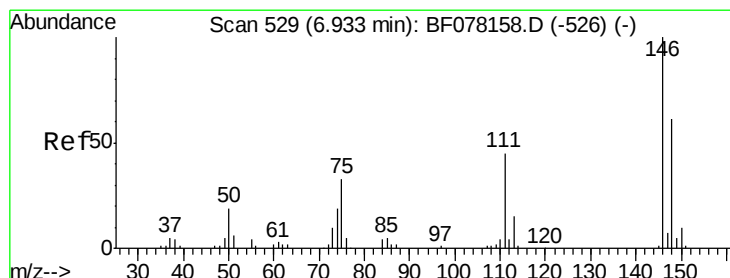
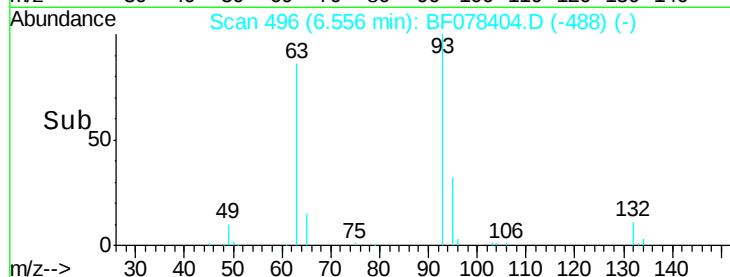
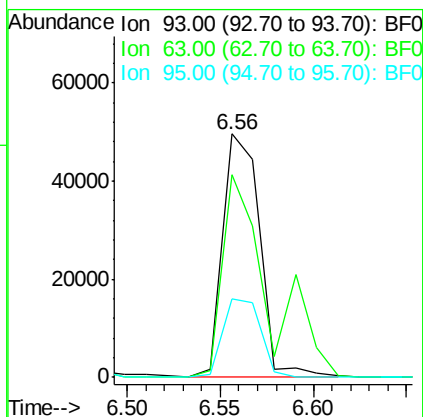
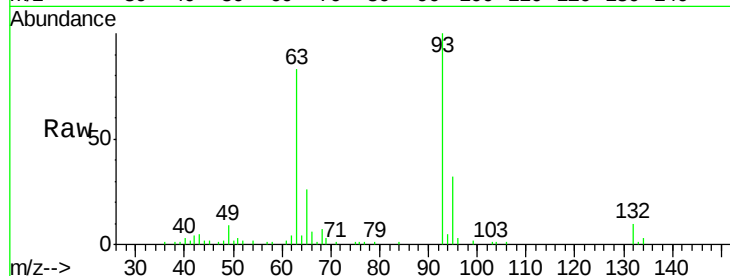
Tgt Ion: 93 Resp: 69093

Ion Ratio Lower Upper

93 100

63 83.2 54.6 94.6

95 32.4 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 38.24 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

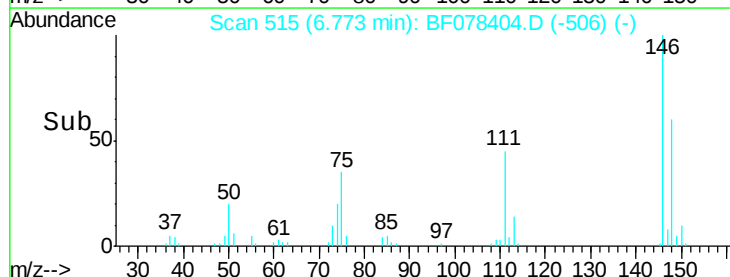
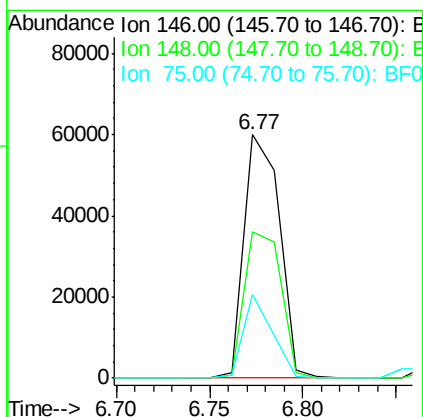
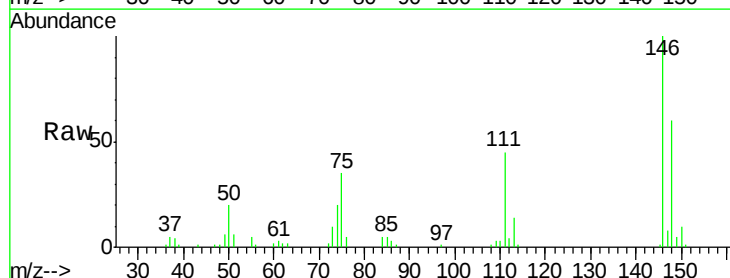
Tgt Ion: 146 Resp: 79030

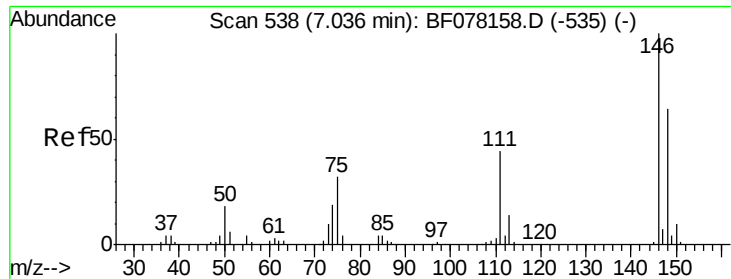
Ion Ratio Lower Upper

146 100

148 60.3 49.1 73.7

75 34.5 26.6 40.0

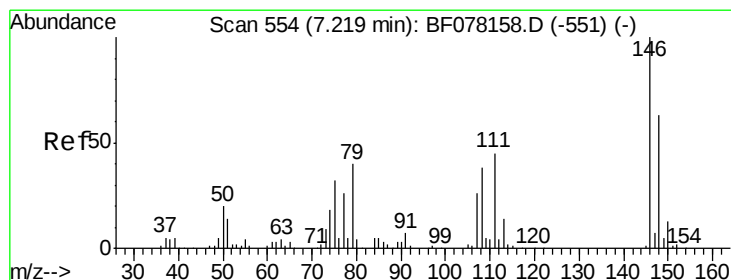
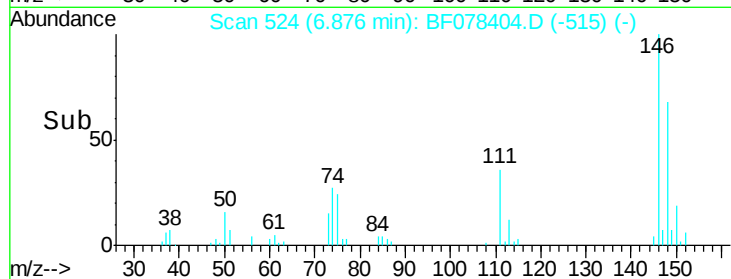
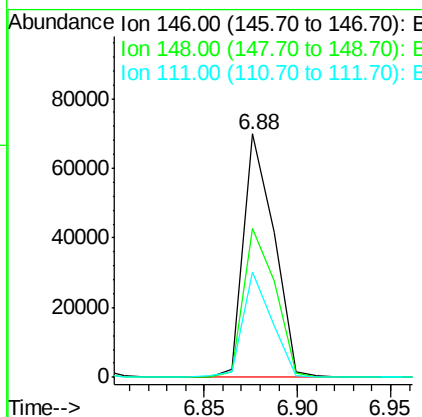
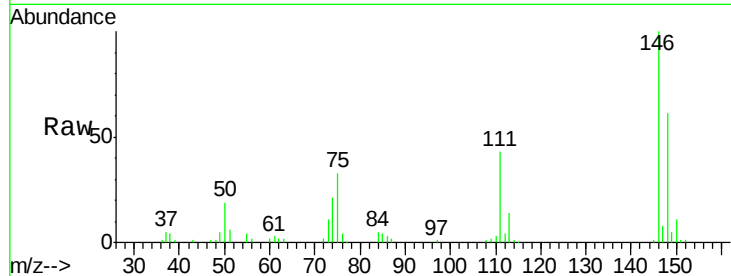




#13  
 1,4-Dichlorobenzene  
 Concen: 38.31 ng  
 RT: 6.88 min Scan# 524  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

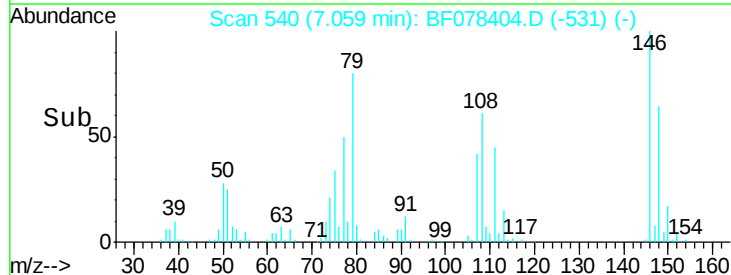
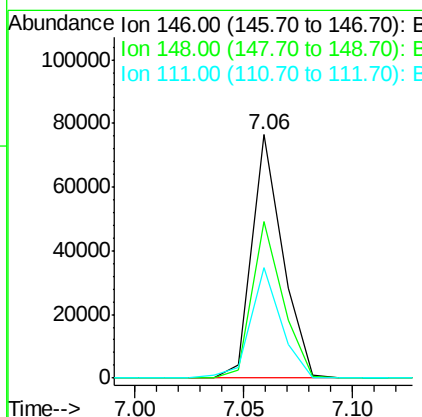
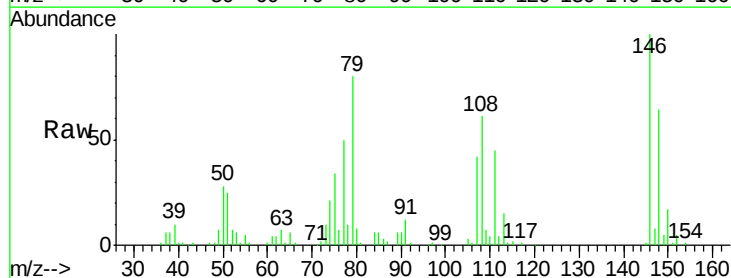
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

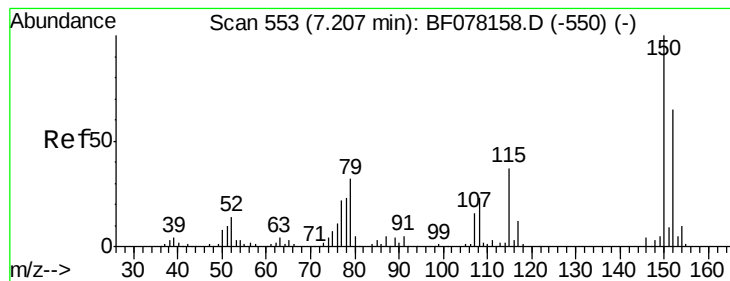
Tgt Ion:146 Resp: 79688  
 Ion Ratio Lower Upper  
 146 100  
 148 61.4 51.4 77.0  
 111 43.3 35.0 52.4



#14  
 1,2-Dichlorobenzene  
 Concen: 38.65 ng  
 RT: 7.06 min Scan# 540  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:146 Resp: 75384  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 50.2 75.4  
 111 45.3 36.1 54.1





#15

Benzyl Alcohol

Concen: 46.01 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

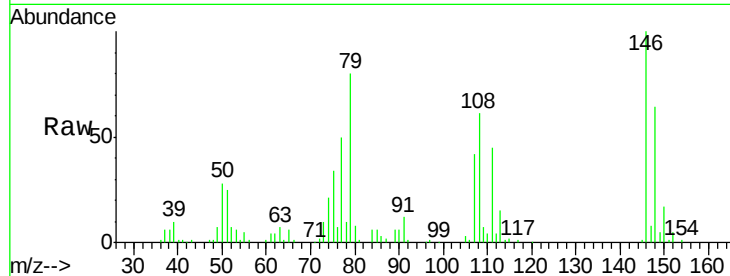
Tgt Ion: 79 Resp: 64471

Ion Ratio Lower Upper

79 100

108 75.9 57.6 86.4

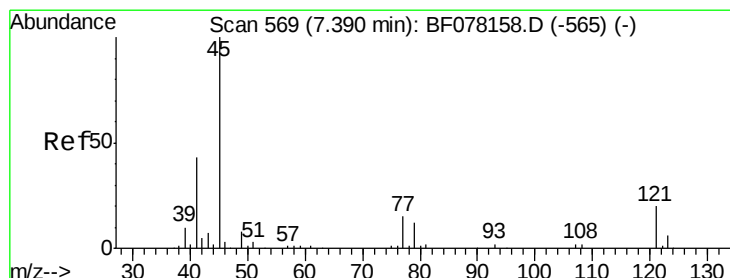
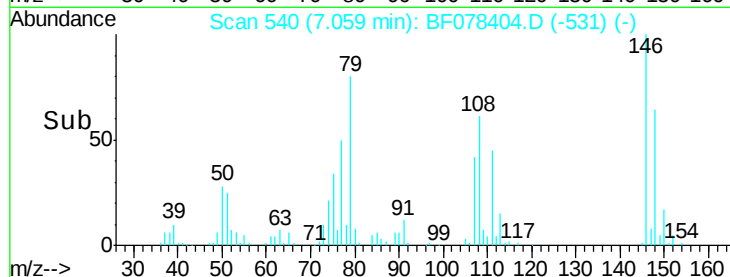
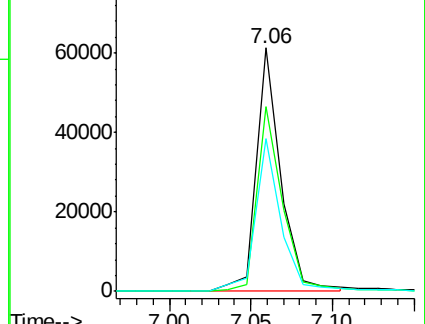
77 62.9 53.5 80.3



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: 40.72 ng

RT: 7.24 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

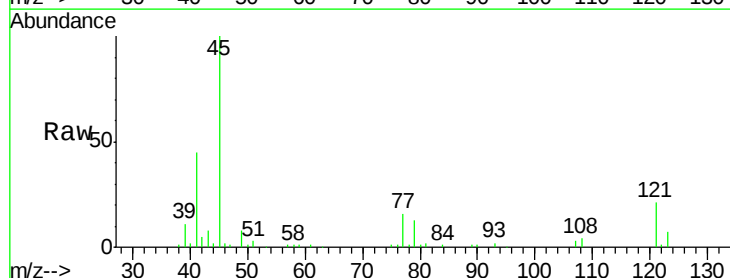
Tgt Ion: 45 Resp: 93315

Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.5

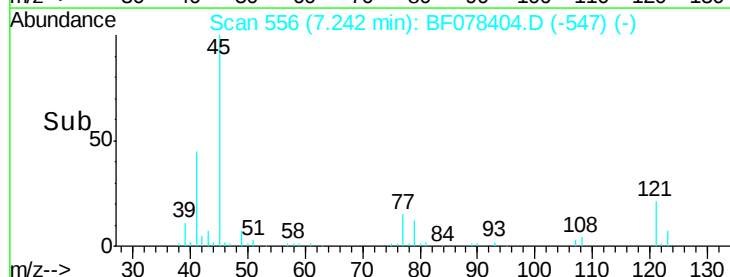
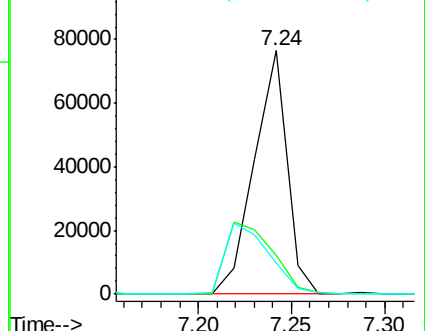
79 12.8 0.0 31.9

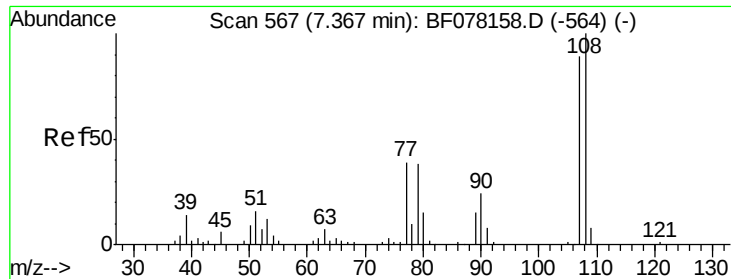


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

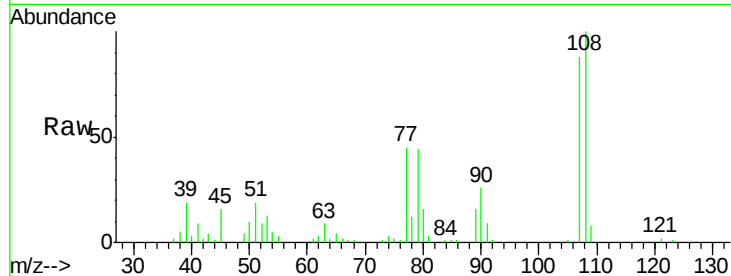




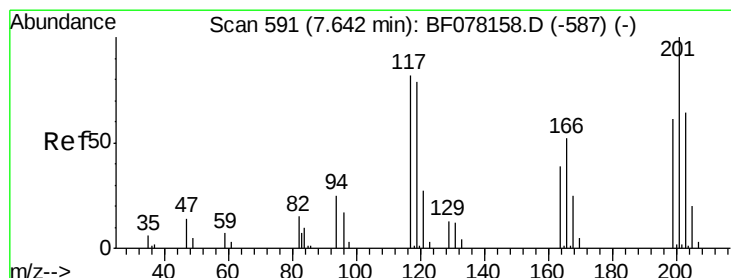
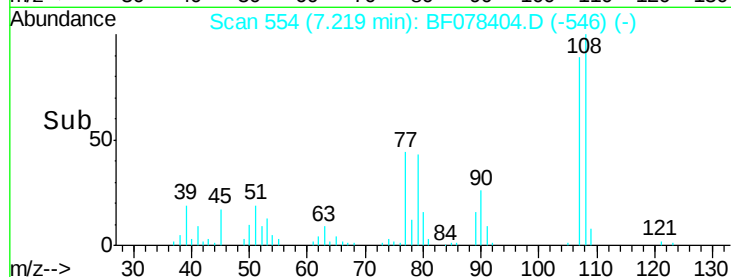
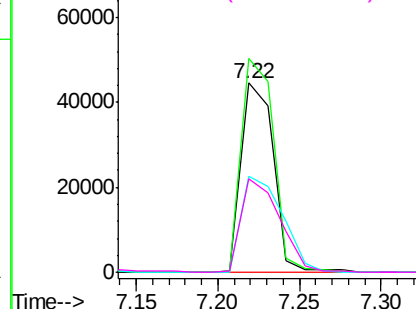
#17  
 2-Methylphenol  
 Concen: 41.67 ng  
 RT: 7.22 min Scan# 554  
 Delta R.T. -0.01 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

Tgt Ion:107 Resp: 60869  
 Ion Ratio Lower Upper  
 107 100  
 108 113.1 90.3 135.5  
 77 50.7 35.5 53.3  
 79 49.7 34.2 51.4

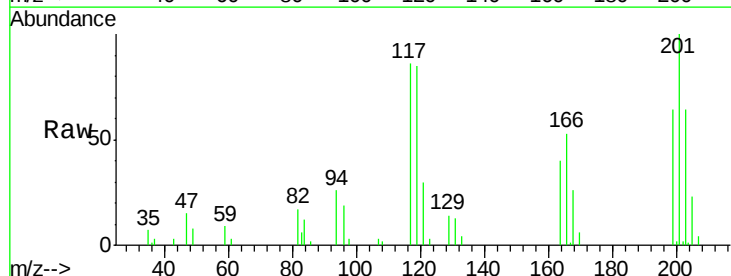


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 77.00 (76.70 to 77.70): BF0  
 Ion 79.00 (78.70 to 79.70): BF0

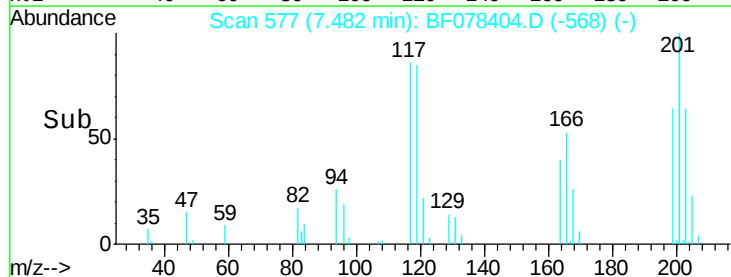
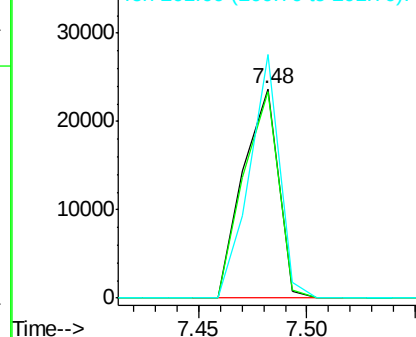


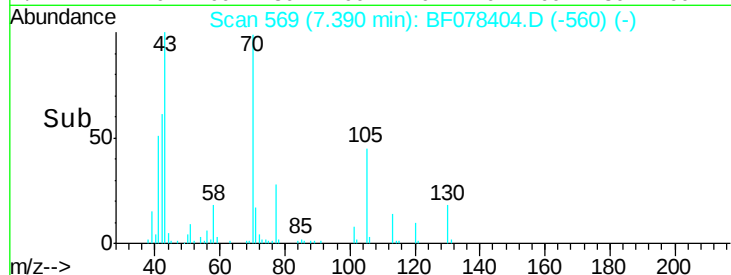
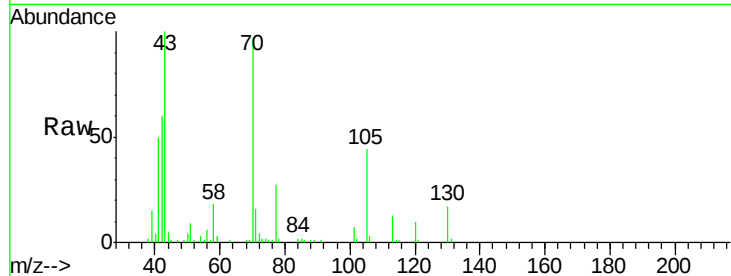
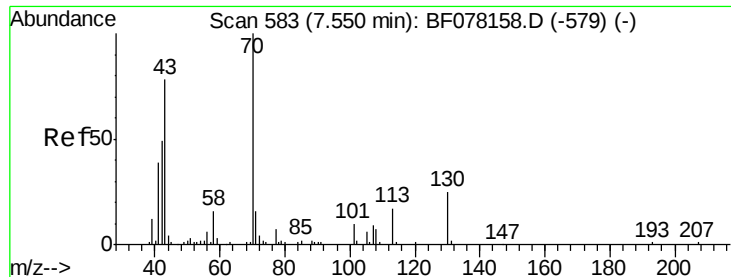
#18  
 Hexachloroethane  
 Concen: 38.17 ng  
 RT: 7.48 min Scan# 577  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:117 Resp: 26773  
 Ion Ratio Lower Upper  
 117 100  
 119 98.3 77.0 115.6  
 201 116.2 98.1 147.1



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

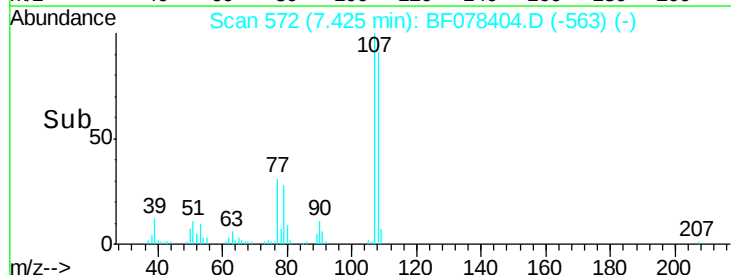
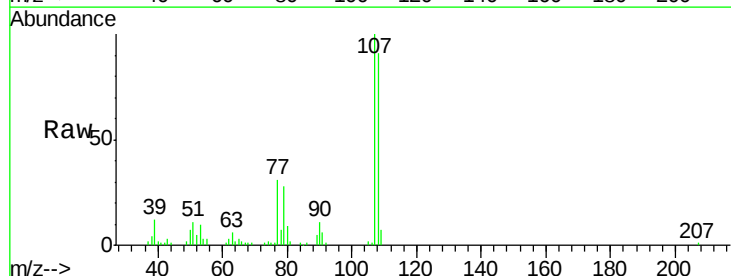
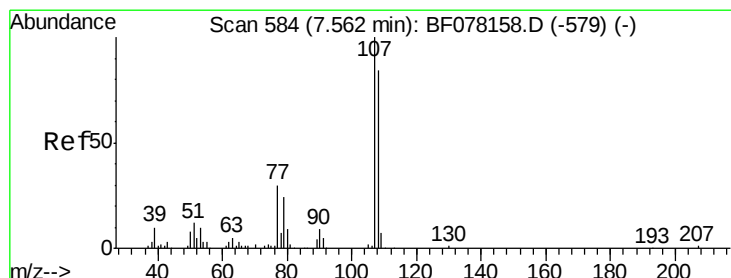
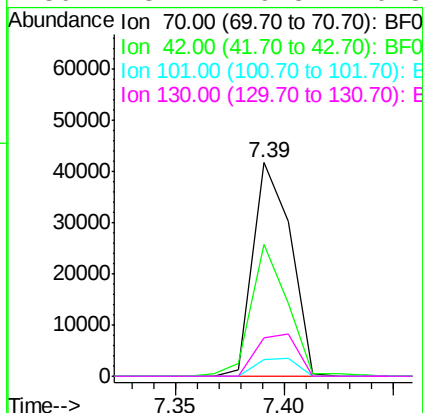




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.46 ng  
RT: 7.39 min Scan# 569  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

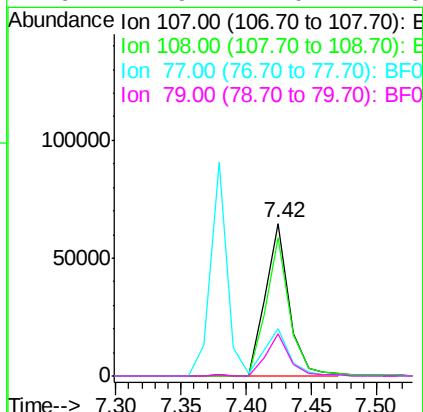
Instrument :  
BNA\_F  
ClientSampleId :  
PB82621BS

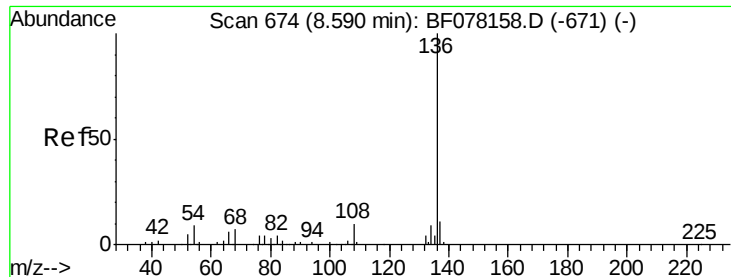
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 50599 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 62.0  | 38.9  | 58.3# |
| 101      | 7.7   | 8.3   | 12.5# |
| 130      | 18.1  | 19.8  | 29.8# |



#20  
3+4-Methylphenols  
Concen: 42.37 ng  
RT: 7.42 min Scan# 572  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 82561 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 90.6  | 64.4  | 104.4 |
| 77       | 31.2  | 9.7   | 49.7  |
| 79       | 27.9  | 4.0   | 44.0  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

Tgt Ion:136 Resp: 106362

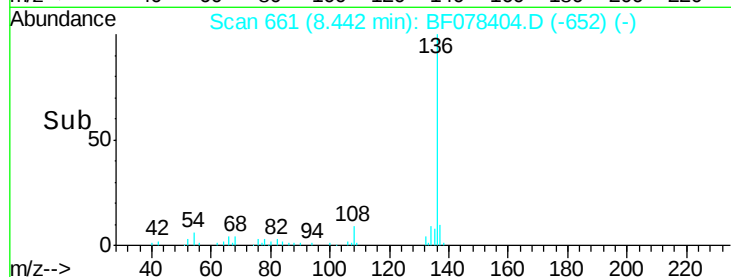
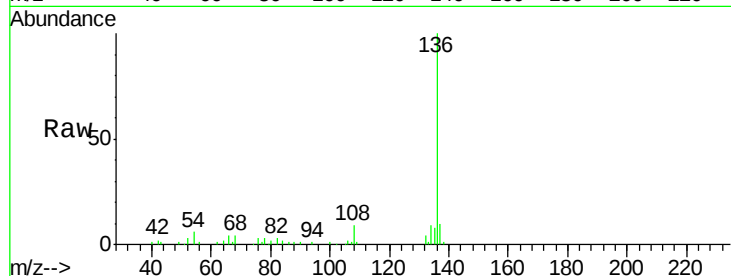
Ion Ratio Lower Upper

136 100

137 9.9 9.0 13.4

54 5.5 7.0 10.6#

68 4.3 5.4 8.2#

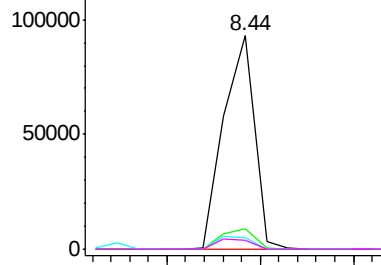


Abundance Ion 136.00 (135.70 to 136.70): E

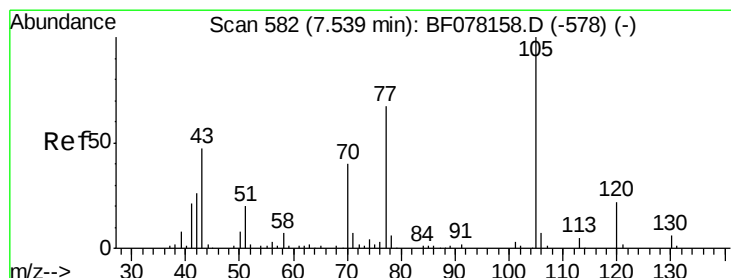
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.30 ng

RT: 7.38 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Tgt Ion:105 Resp: 107301

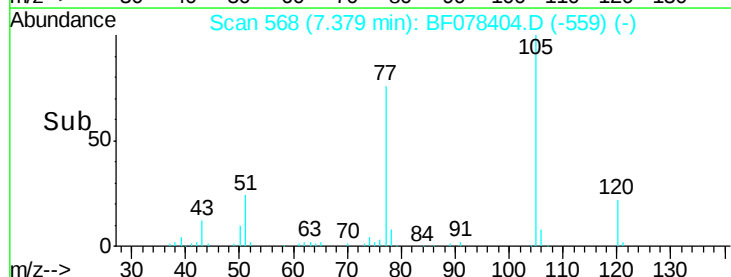
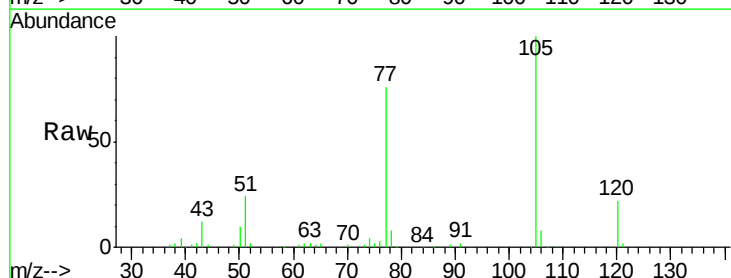
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 24.3 16.0 24.0#

120 22.1 17.8 26.6

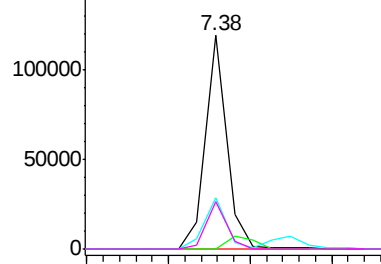


Abundance Ion 105.00 (104.70 to 105.70): E

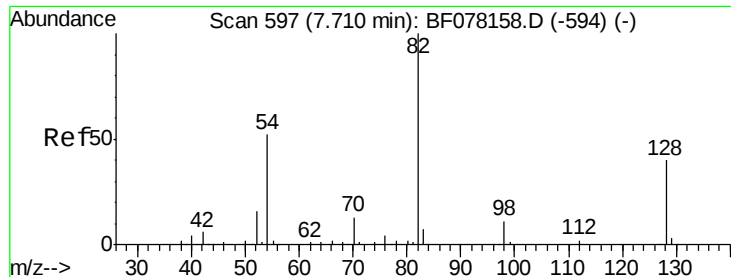
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



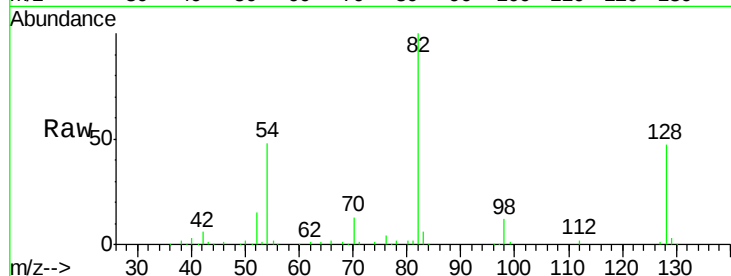
Time-->



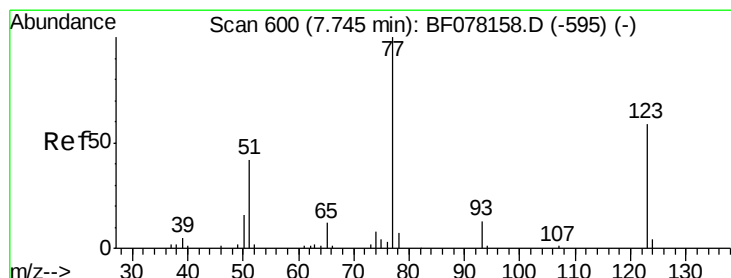
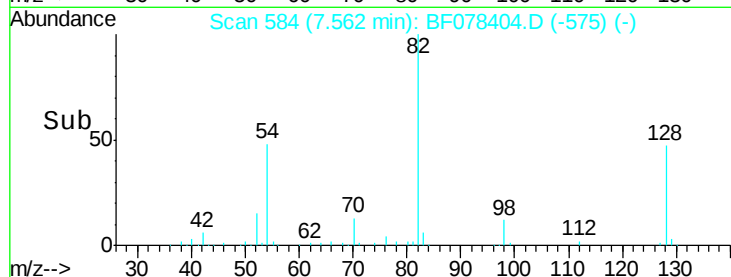
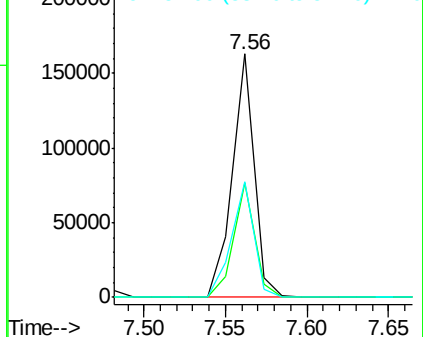
#23  
 Nitrobenzene-d5  
 Concen: 85.44 ng  
 RT: 7.56 min Scan# 584  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.2  | 31.8  | 47.8  |
| 54      | 47.6  | 41.5  | 62.3  |

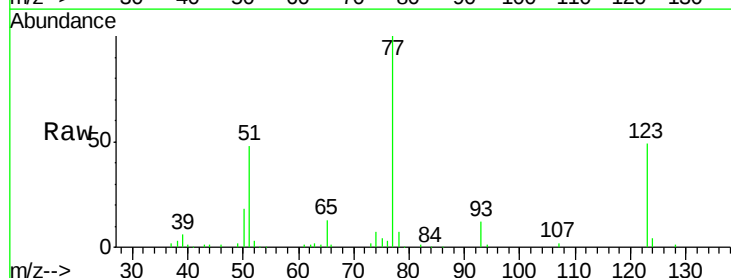


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

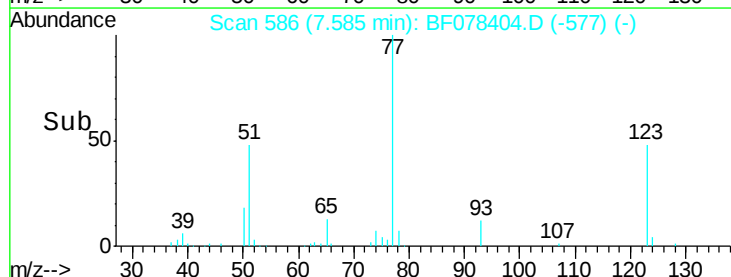
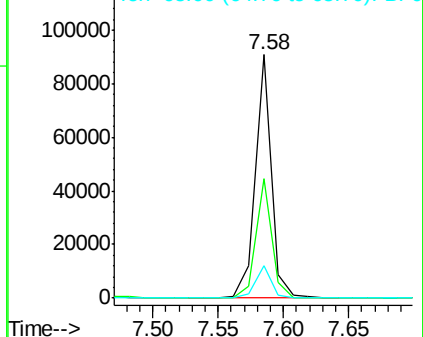


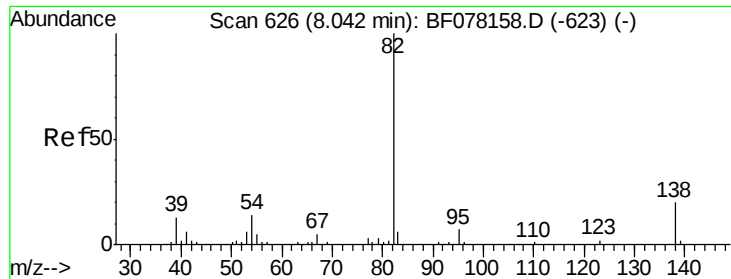
#24  
 Nitrobenzene  
 Concen: 42.92 ng  
 RT: 7.58 min Scan# 586  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.1  | 46.9  | 70.3  |
| 65      | 13.1  | 9.5   | 14.3  |



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





#25

Isophorone

Concen: 40.72 ng

RT: 7.88 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

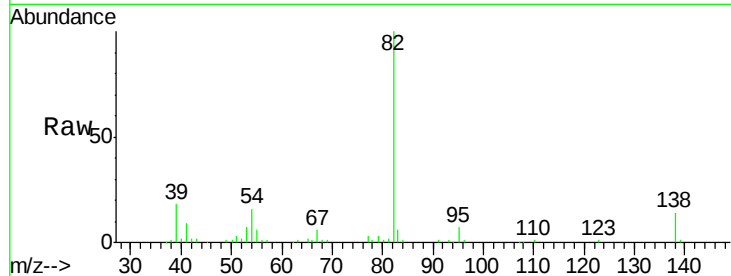
Tgt Ion: 82 Resp: 135605

Ion Ratio Lower Upper

82 100

95 6.5 5.7 8.5

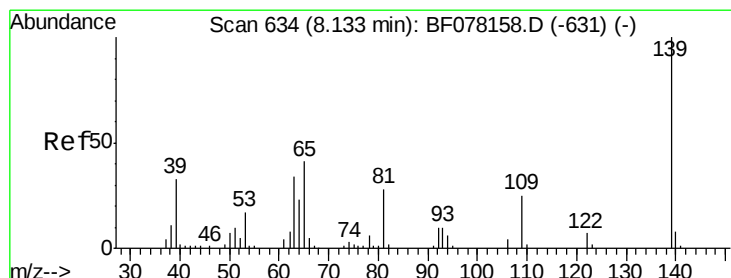
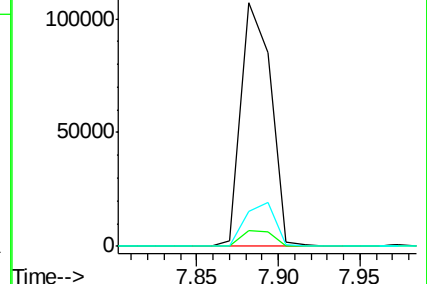
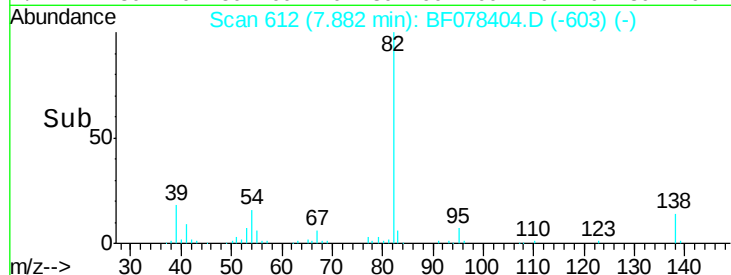
138 14.4 15.8 23.8#



Abundance Ion 82.00 (81.70 to 82.70): BF078404.D (-612) (-)

Ion 95.00 (94.70 to 95.70): BF078404.D (-612) (-)

Ion 138.00 (137.70 to 138.70): BF078404.D (-612) (-)



#26

2-Nitrophenol

Concen: 41.73 ng

RT: 7.98 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

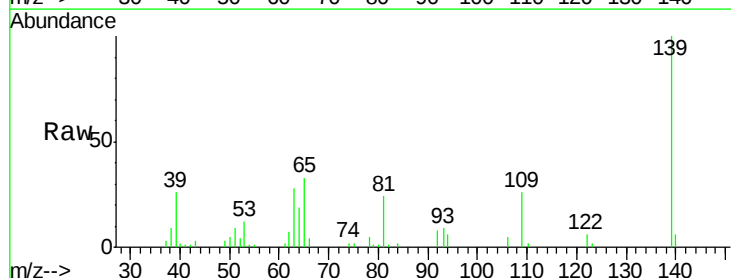
Tgt Ion: 139 Resp: 36478

Ion Ratio Lower Upper

139 100

109 25.7 19.8 29.8

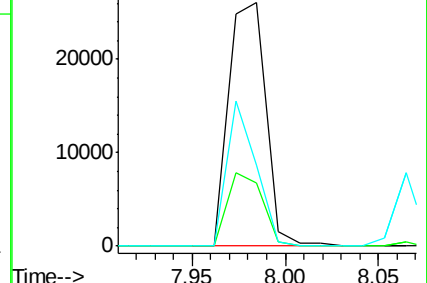
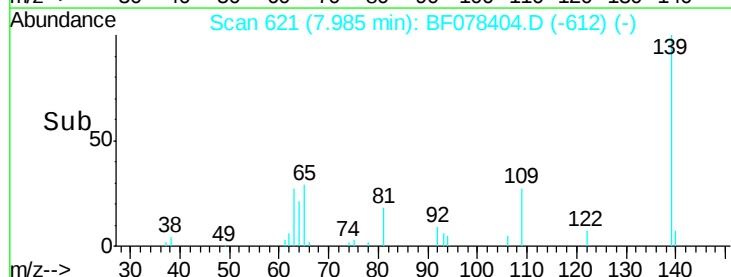
65 33.5 32.7 49.1

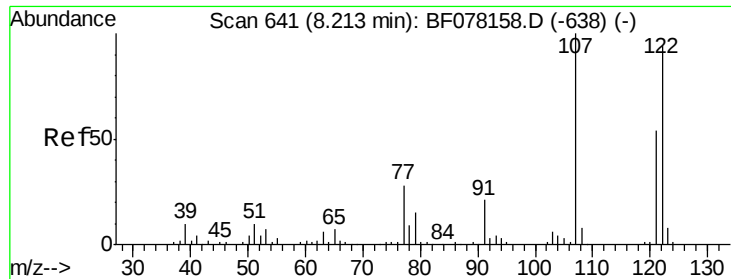


Abundance Ion 139.00 (138.70 to 139.70): BF078404.D (-612) (-)

Ion 109.00 (108.70 to 109.70): BF078404.D (-612) (-)

Ion 65.00 (64.70 to 65.70): BF078404.D (-612) (-)

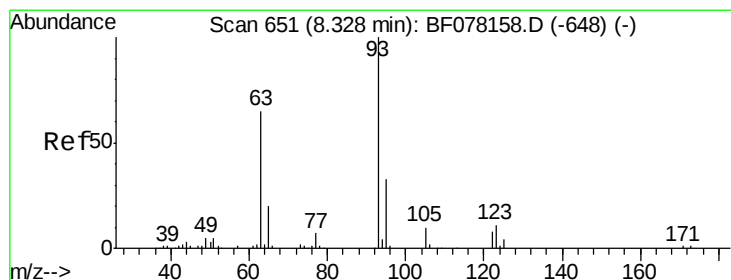
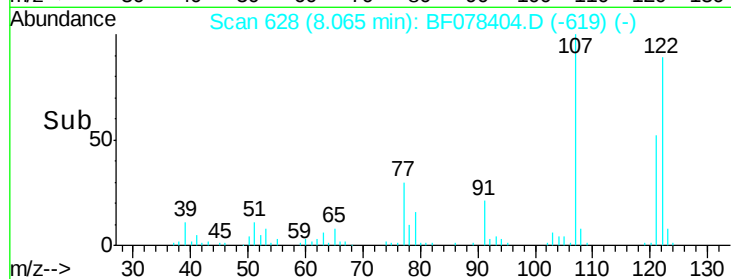
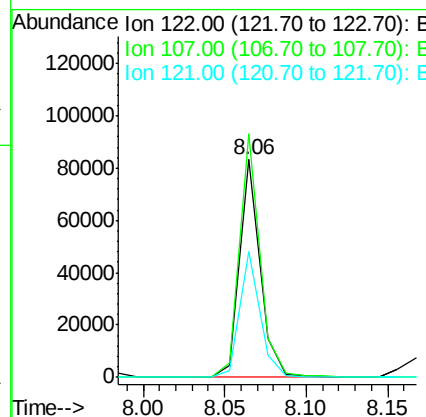
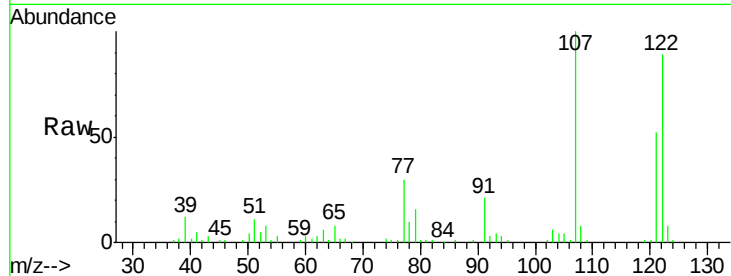




#27  
 2,4-Dimethylphenol  
 Concen: 44.31 ng  
 RT: 8.06 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

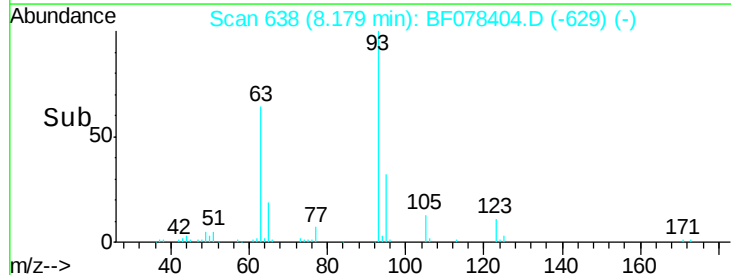
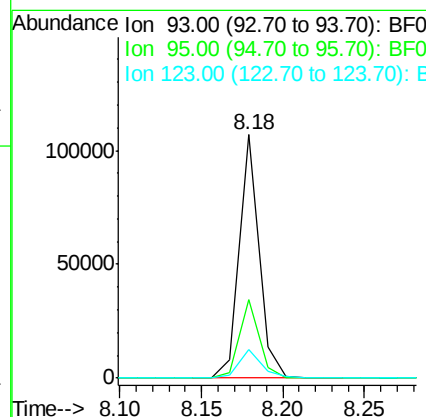
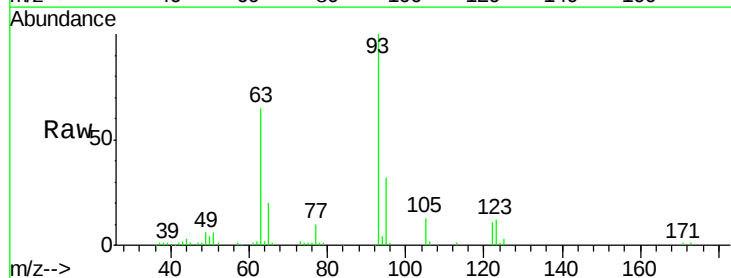
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

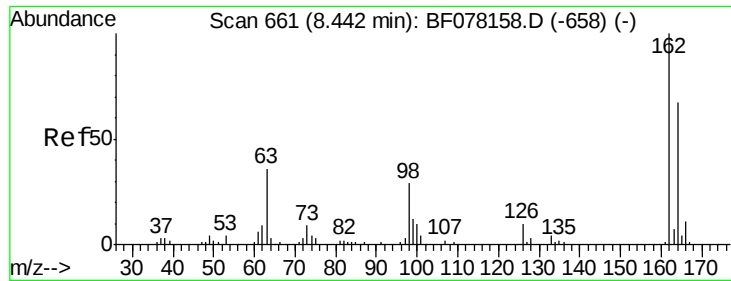
Tgt Ion:122 Resp: 72026  
 Ion Ratio Lower Upper  
 122 100  
 107 111.8 84.6 127.0  
 121 57.9 46.0 69.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.59 ng  
 RT: 8.18 min Scan# 638  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion: 93 Resp: 88819  
 Ion Ratio Lower Upper  
 93 100  
 95 32.1 26.3 39.5  
 123 11.7 9.1 13.7

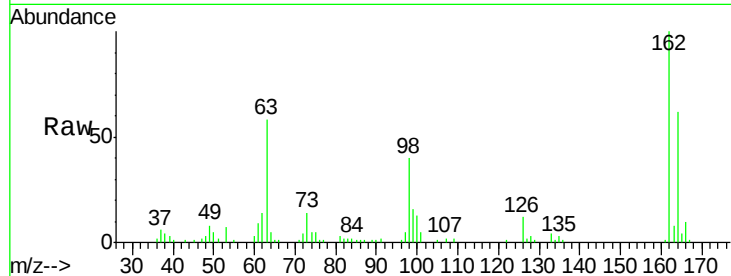




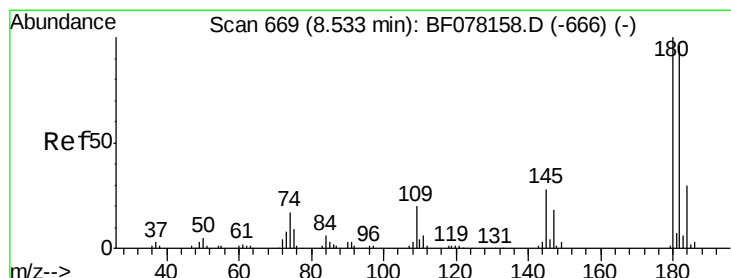
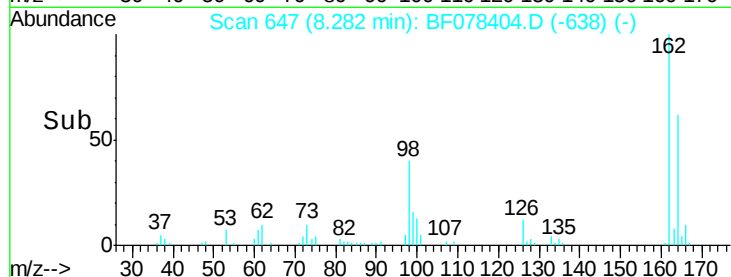
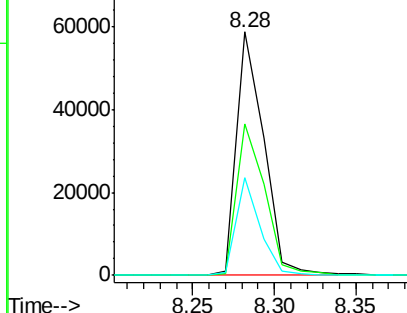
#29  
 2,4-Dichlorophenol  
 Concen: 45.60 ng  
 RT: 8.28 min Scan# 647  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

Tgt Ion:162 Resp: 67441  
 Ion Ratio Lower Upper  
 162 100  
 164 62.4 47.0 87.0  
 98 39.9 9.2 49.2

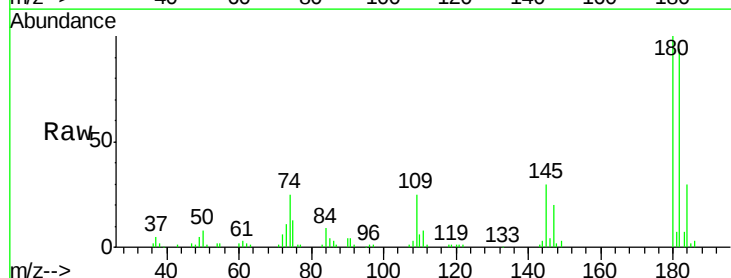


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

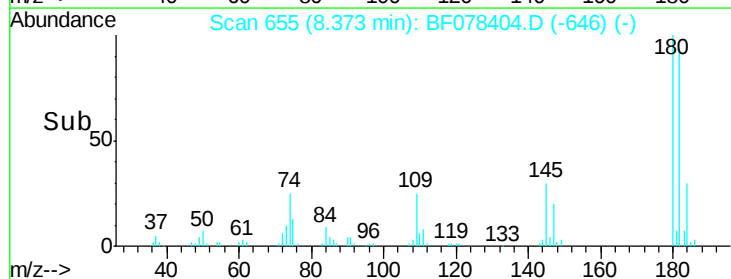
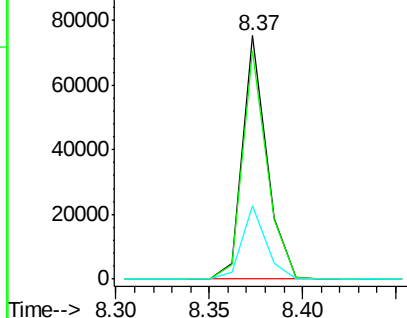


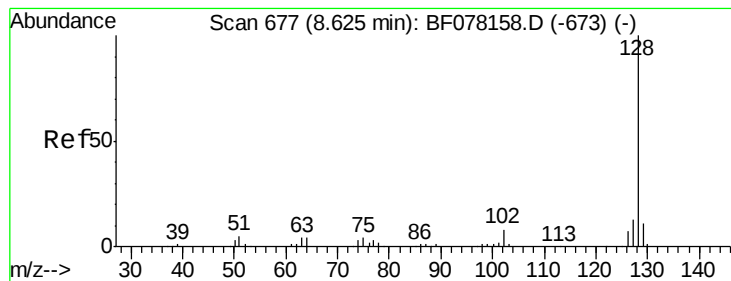
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.08 ng  
 RT: 8.37 min Scan# 655  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:180 Resp: 67965  
 Ion Ratio Lower Upper  
 180 100  
 182 93.8 76.9 115.3  
 145 30.3 22.5 33.7



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: 41.05 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

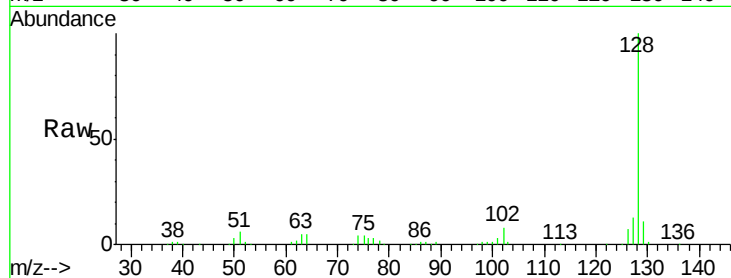
Tgt Ion:128 Resp: 227238

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

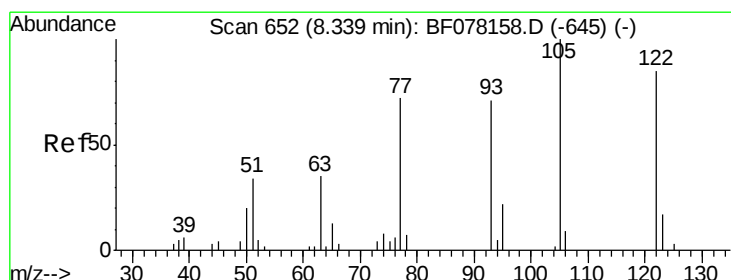
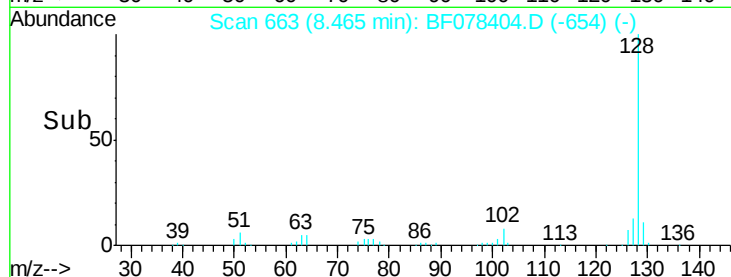
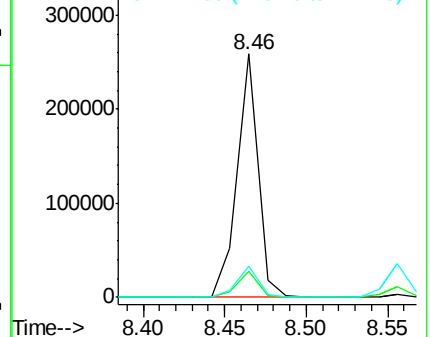
127 13.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.50 ng

RT: 8.19 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

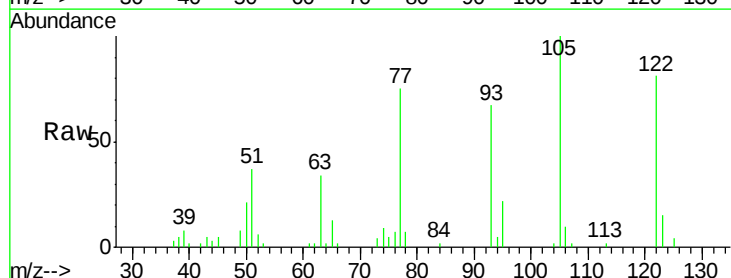
Tgt Ion:122 Resp: 39734

Ion Ratio Lower Upper

122 100

105 123.7 96.1 136.1

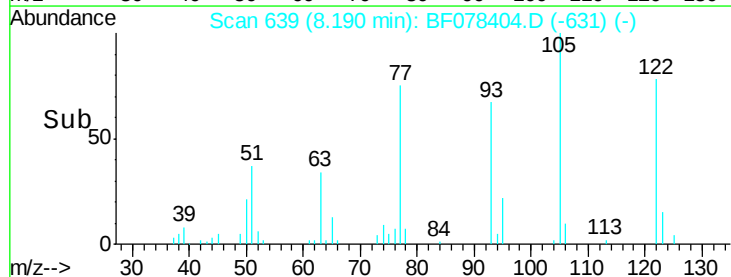
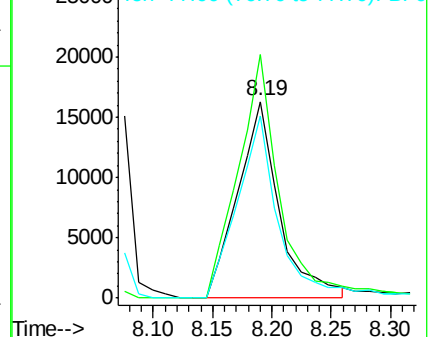
77 92.8 64.1 104.1

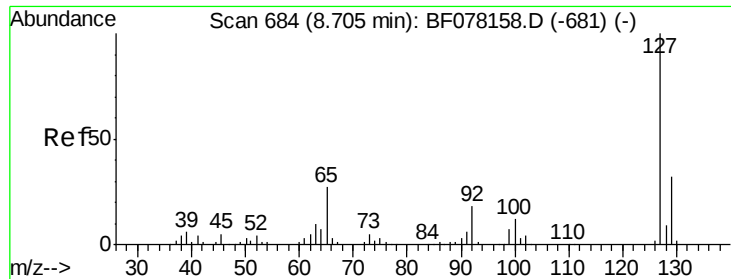


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

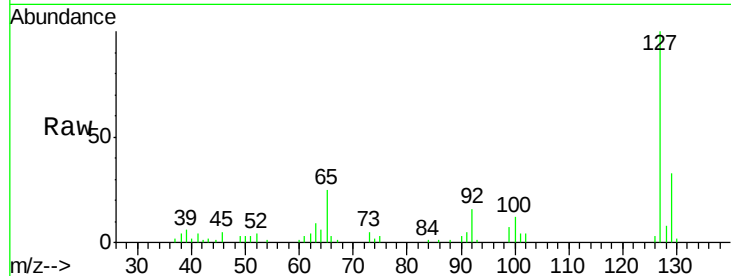




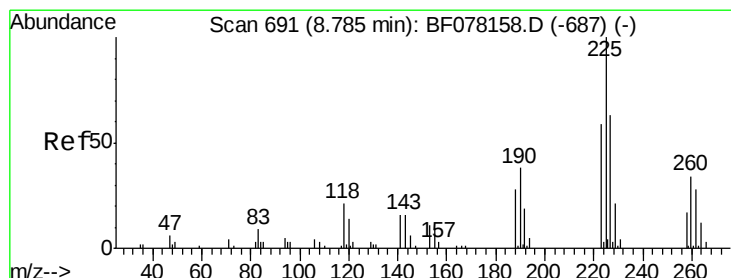
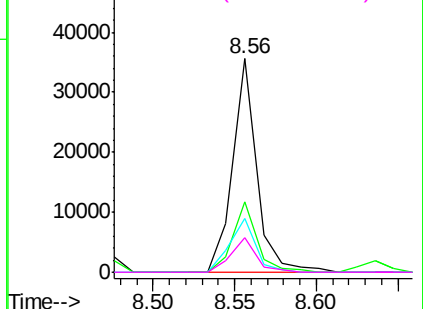
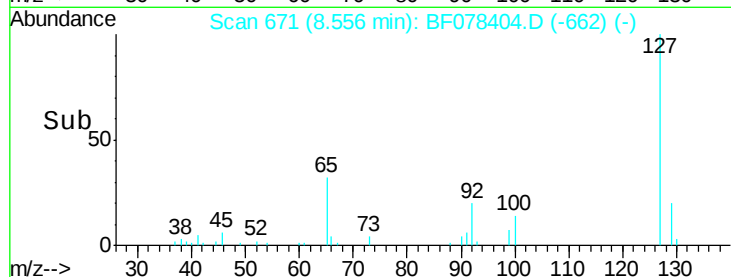
#33  
4-Chloroaniline  
Concen: 15.74 ng  
RT: 8.56 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB82621BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 36164 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.2  | 25.5  | 38.3  |
| 65       | 25.4  | 21.7  | 32.5  |
| 92       | 16.1  | 14.6  | 21.8  |

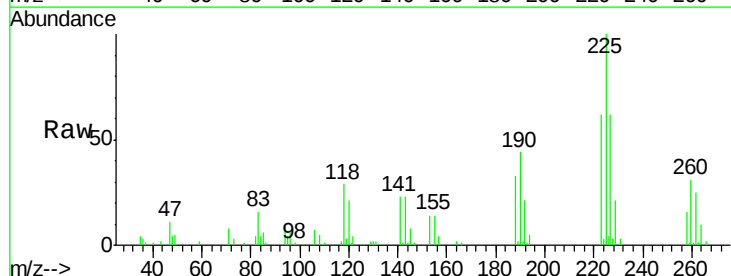


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

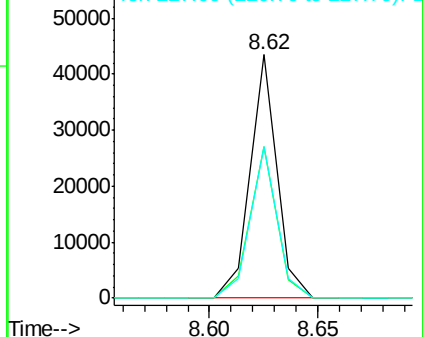
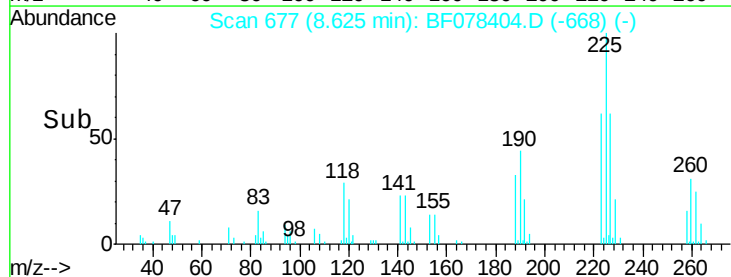


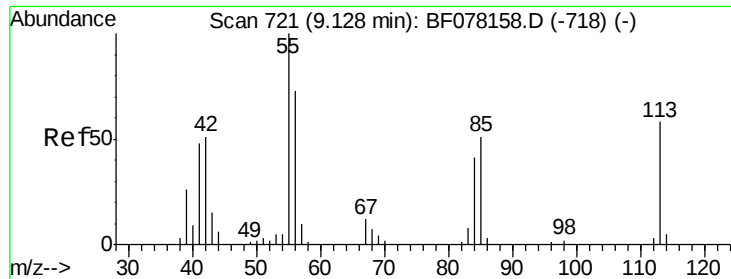
#34  
Hexachlorobutadiene  
Concen: 39.93 ng  
RT: 8.62 min Scan# 677  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 37174 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.0  | 47.5  | 71.3  |
| 227      | 62.3  | 50.2  | 75.2  |



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

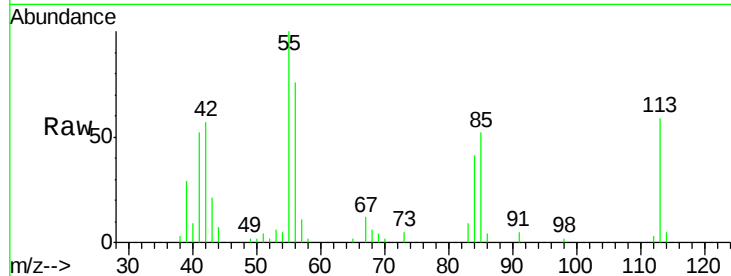




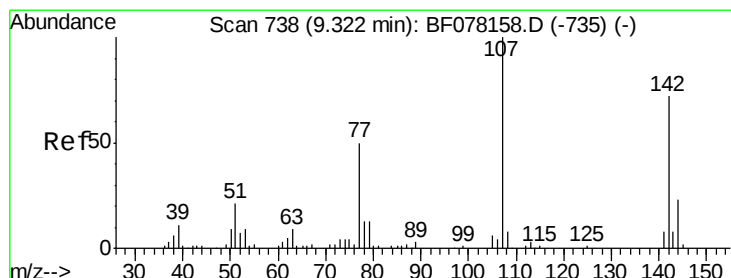
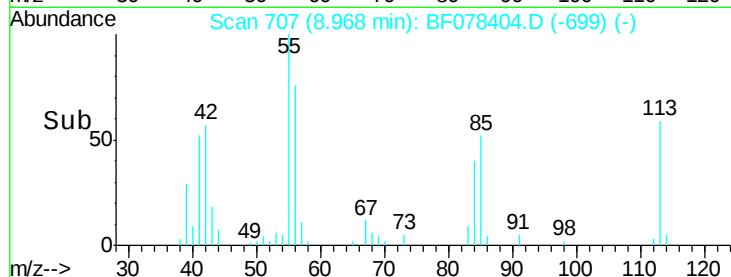
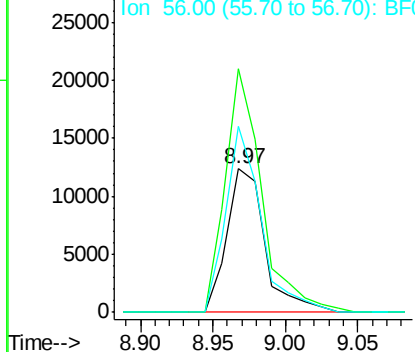
#35  
 Caprolactam  
 Concen: 51.34 ng  
 RT: 8.97 min Scan# 707  
 Delta R.T. -0.01 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

Tgt Ion:113 Resp: 22662  
 Ion Ratio Lower Upper  
 113 100  
 55 169.8 151.9 191.9  
 56 129.8 106.1 146.1

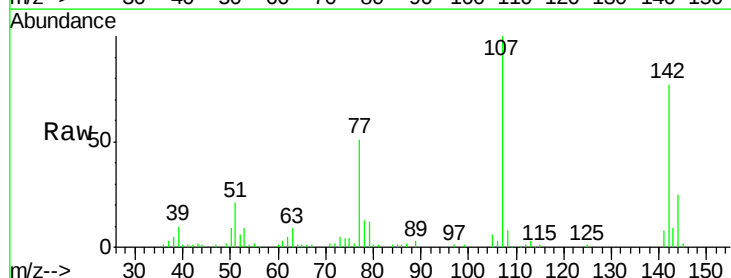


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

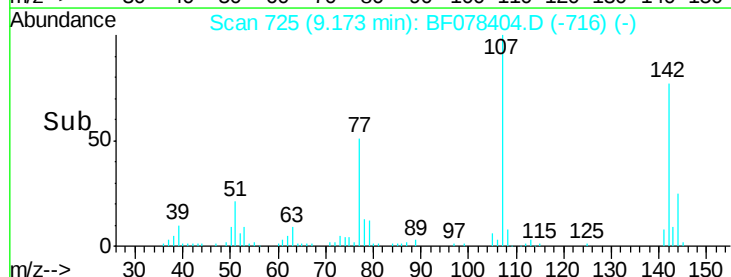
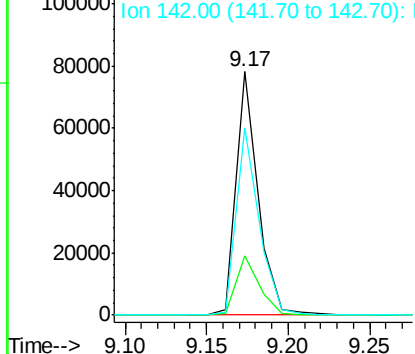


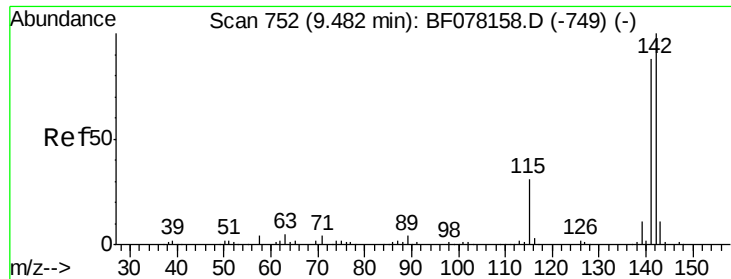
#36  
 4-Chloro-3-methylphenol  
 Concen: 48.06 ng  
 RT: 9.17 min Scan# 725  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:107 Resp: 71718  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 18.2 27.2  
 142 77.0 58.0 87.0



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

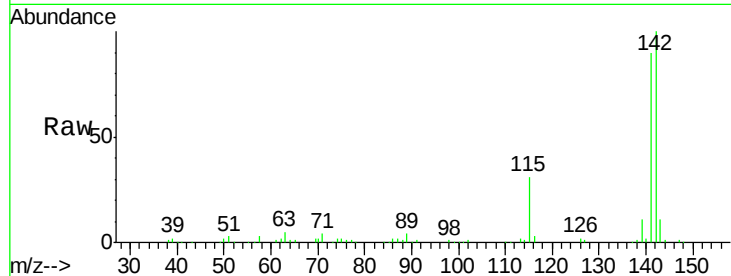




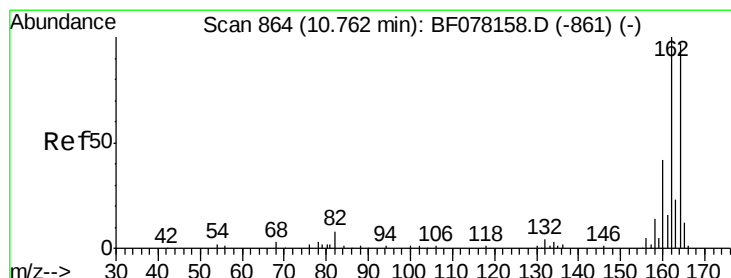
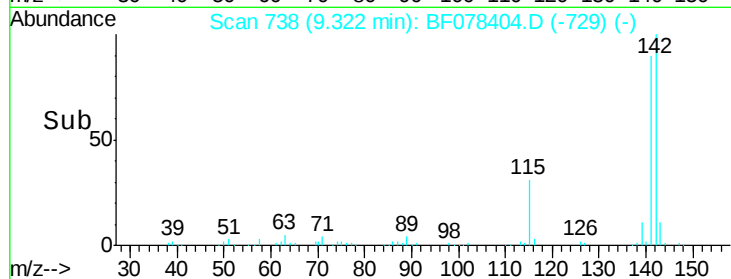
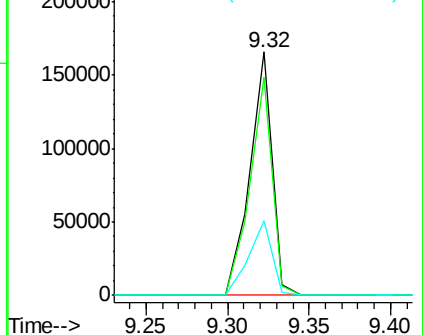
#37  
 2-Methylnaphthalene  
 Concen: 41.96 ng  
 RT: 9.32 min Scan# 738  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

Tgt Ion:142 Resp: 157725  
 Ion Ratio Lower Upper  
 142 100  
 141 89.6 70.3 105.5  
 115 30.5 24.6 37.0

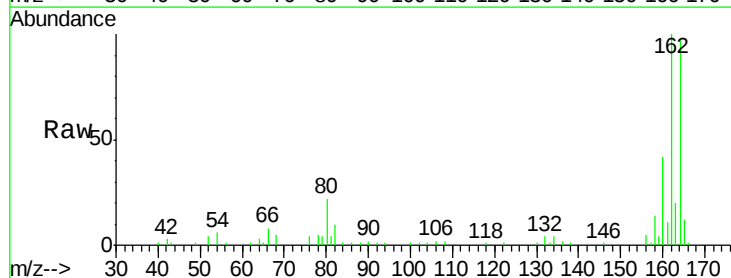


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

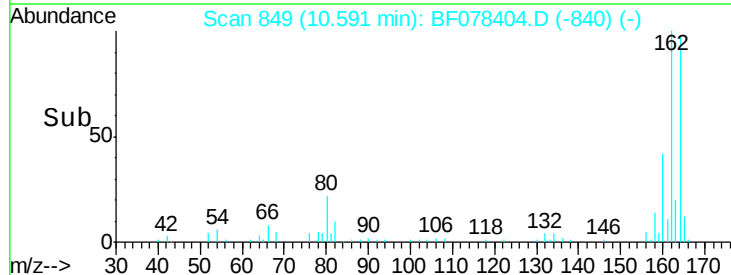
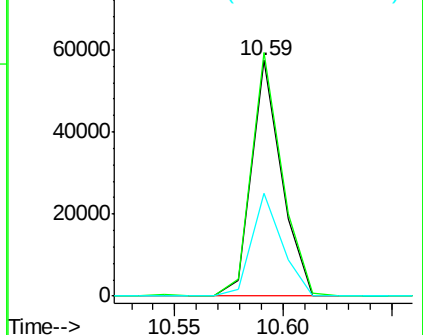


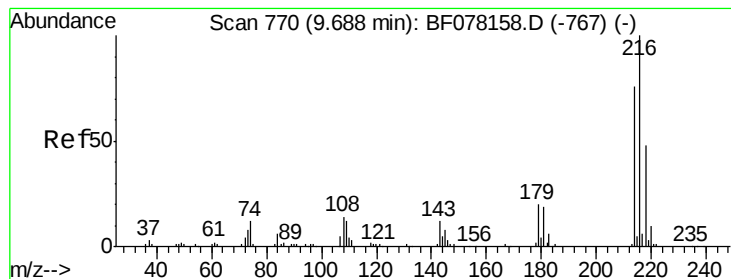
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.59 min Scan# 849  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:164 Resp: 54802  
 Ion Ratio Lower Upper  
 164 100  
 162 103.4 82.2 123.2  
 160 43.7 34.7 52.1



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: 39.53 ng

RT: 9.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

Tgt Ion:216 Resp: 67125

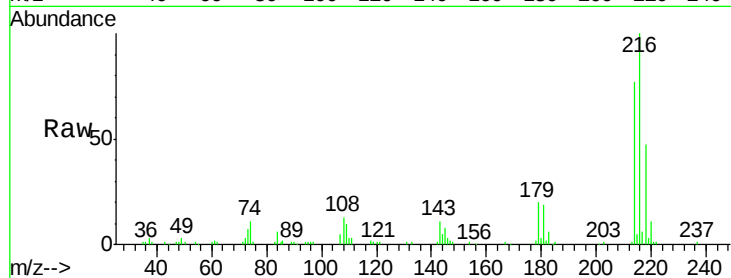
Ion Ratio Lower Upper

216 100

214 78.7 62.0 93.0

179 22.2 17.3 25.9

108 19.6 14.6 21.8

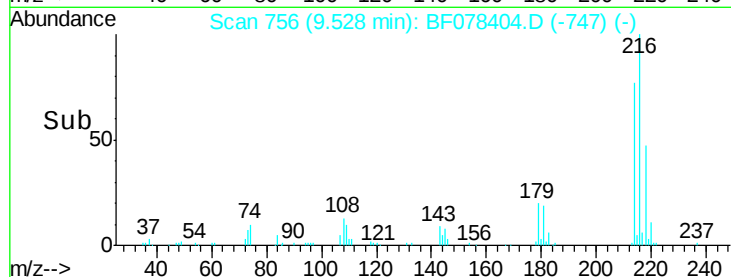


Abundance Ion 216.00 (215.70 to 216.70): E

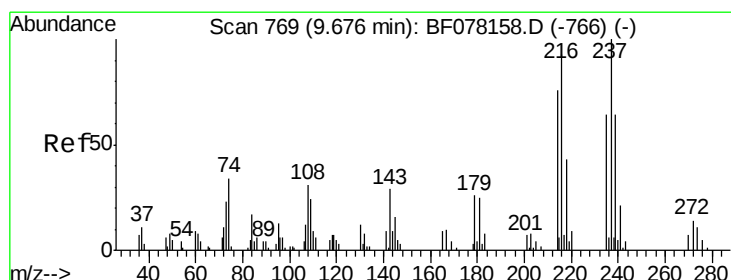
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 77.62 ng

RT: 9.50 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

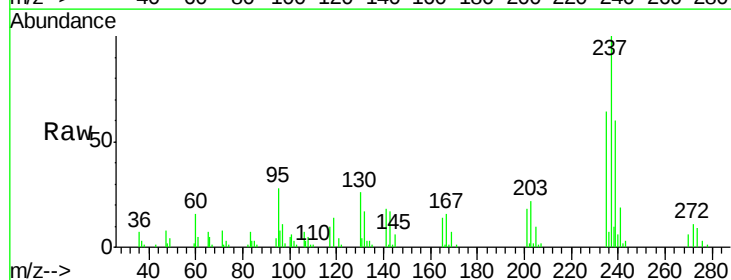
Tgt Ion:237 Resp: 56580

Ion Ratio Lower Upper

237 100

235 63.5 44.1 84.1

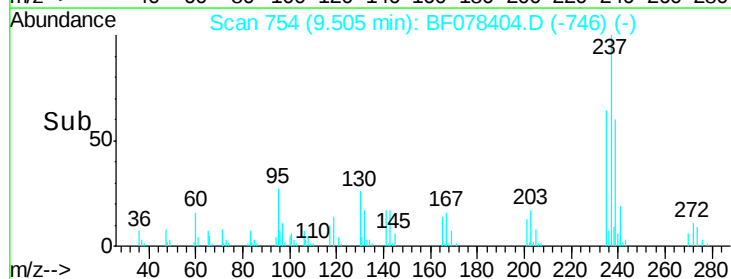
272 10.8 0.0 34.4



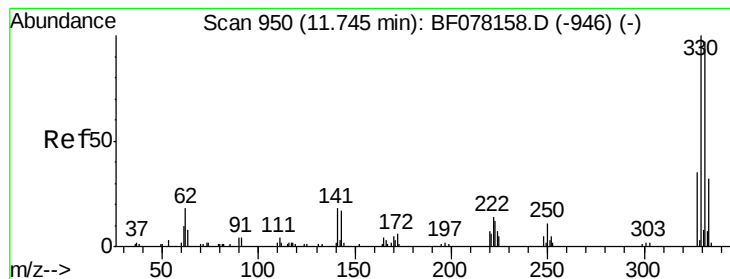
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



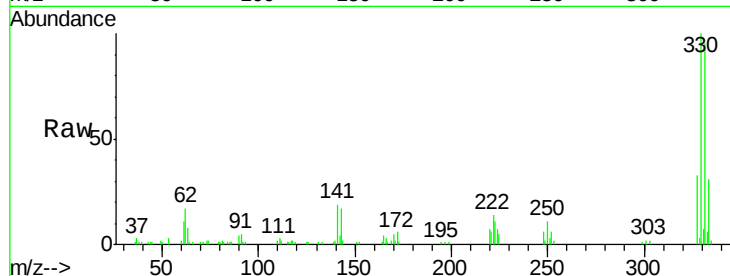
Time-->



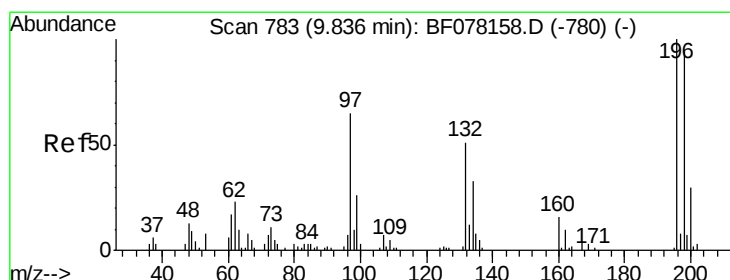
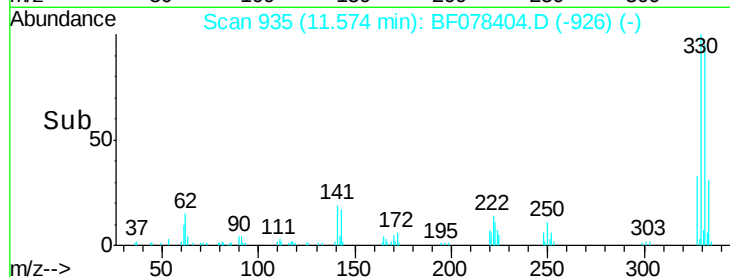
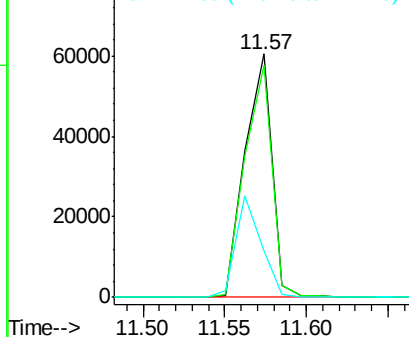
#41  
 2,4,6-Tribromophenol  
 Concen: 152.92 ng  
 RT: 11.57 min Scan# 935  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

Tgt Ion:330 Resp: 69503  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 78.6 117.8  
 141 38.4 31.2 46.8

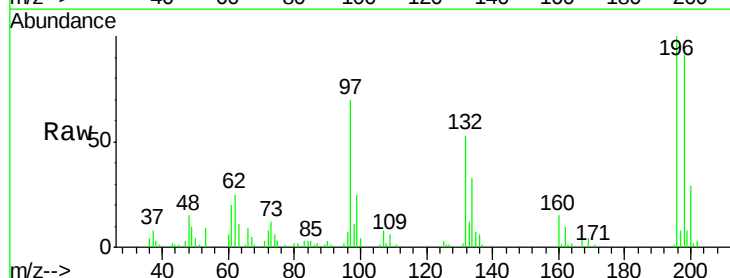


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

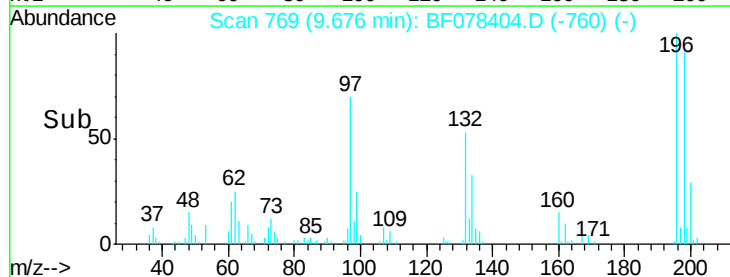
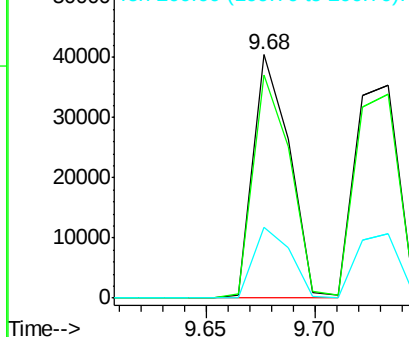


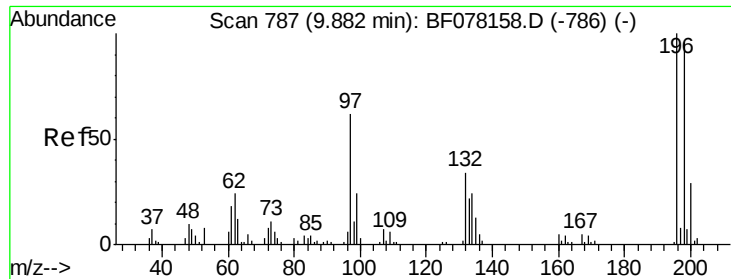
#42  
 2,4,6-Trichlorophenol  
 Concen: 44.23 ng  
 RT: 9.68 min Scan# 769  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:196 Resp: 47364  
 Ion Ratio Lower Upper  
 196 100  
 198 91.5 75.4 113.2  
 200 28.9 24.0 36.0



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

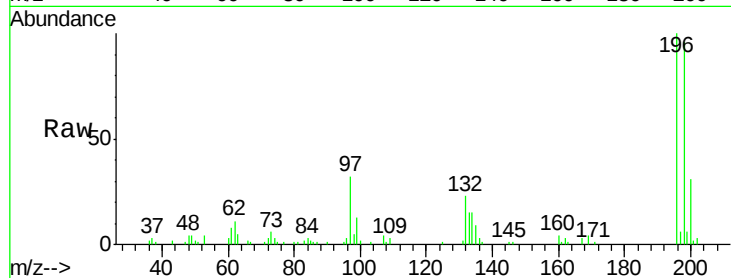




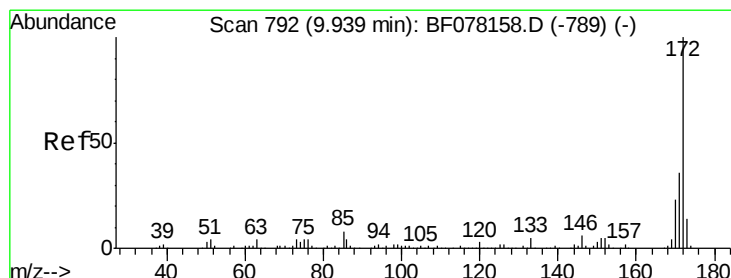
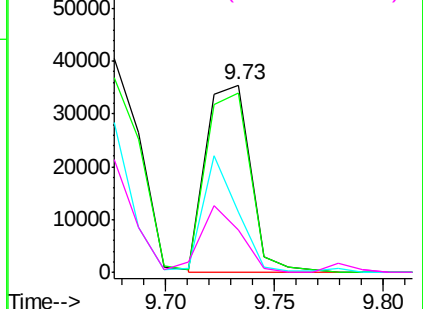
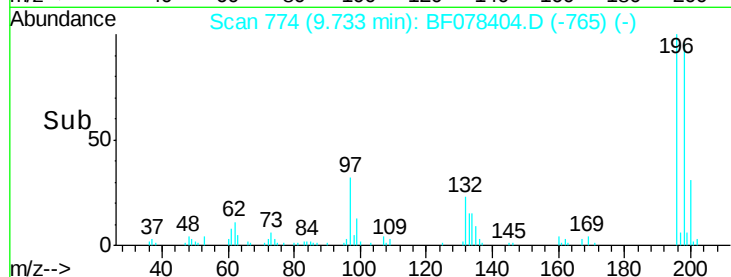
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.01 ng  
 RT: 9.73 min Scan# 774  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

Tgt Ion:196 Resp: 50354  
 Ion Ratio Lower Upper  
 196 100  
 198 95.9 76.6 115.0  
 97 32.3 50.6 75.8#  
 132 22.6 27.7 41.5#

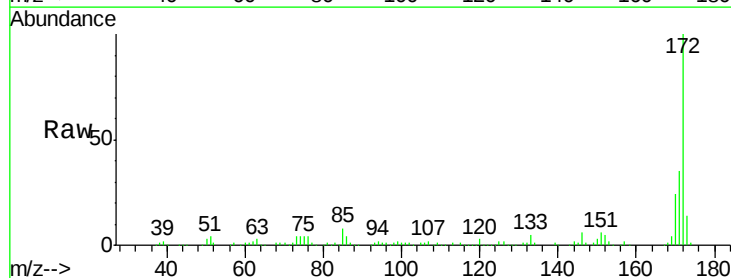


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

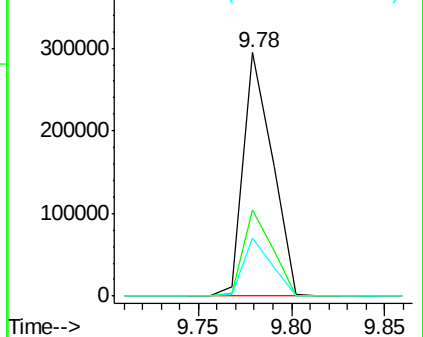
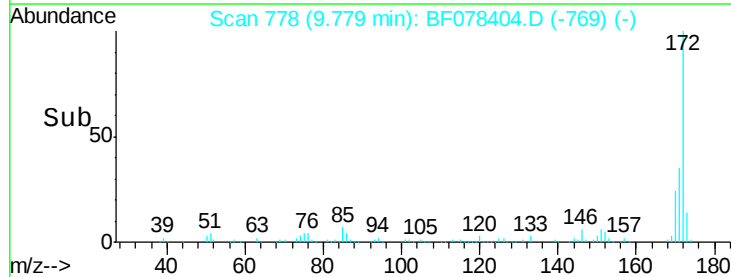


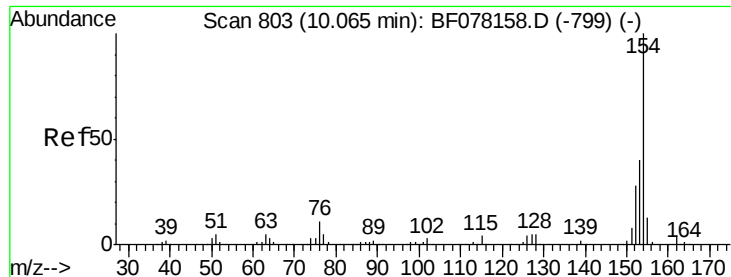
#44  
 2-Fluorobiphenyl  
 Concen: 83.02 ng  
 RT: 9.78 min Scan# 778  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:172 Resp: 318268  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.6 42.8  
 170 23.6 18.5 27.7



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: 41.66 ng

RT: 9.90 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

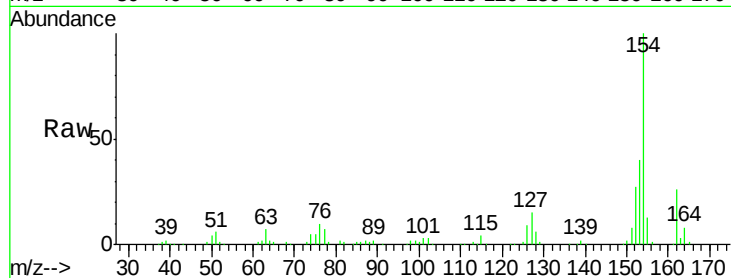
Tgt Ion:154 Resp: 186759

Ion Ratio Lower Upper

154 100

153 39.9 20.0 60.0

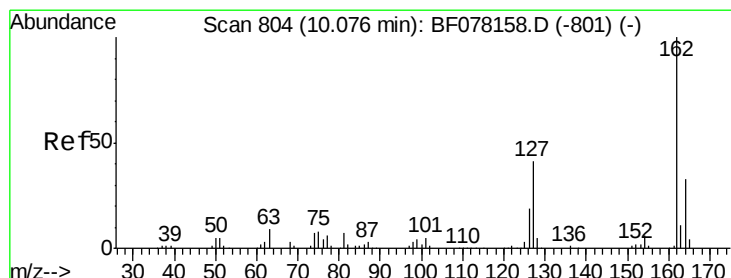
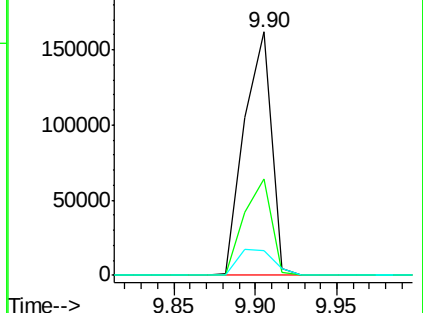
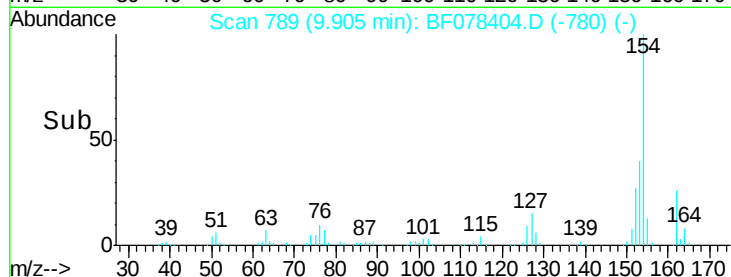
76 10.2 0.0 30.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.74 ng

RT: 9.92 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

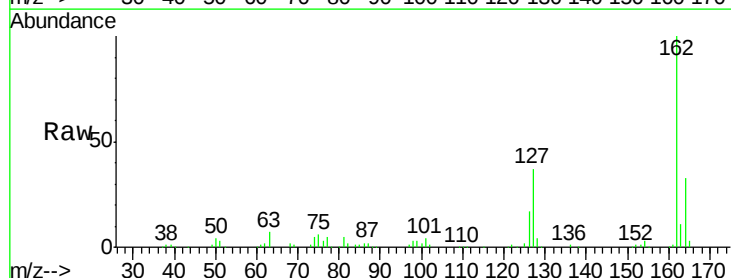
Tgt Ion:162 Resp: 150756

Ion Ratio Lower Upper

162 100

127 36.8 32.6 49.0

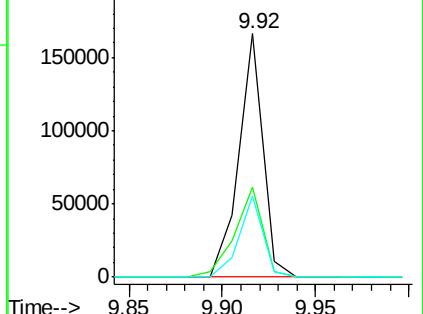
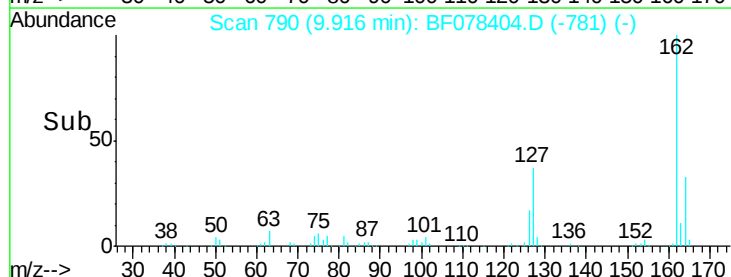
164 33.4 26.0 39.0

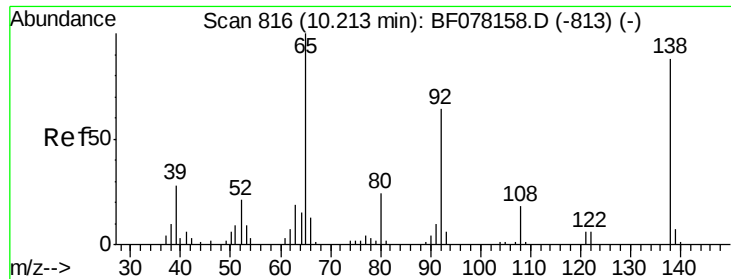


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

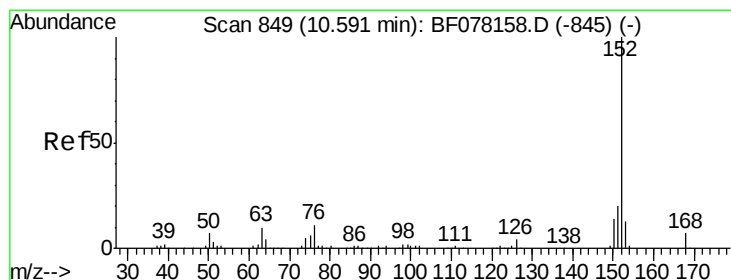
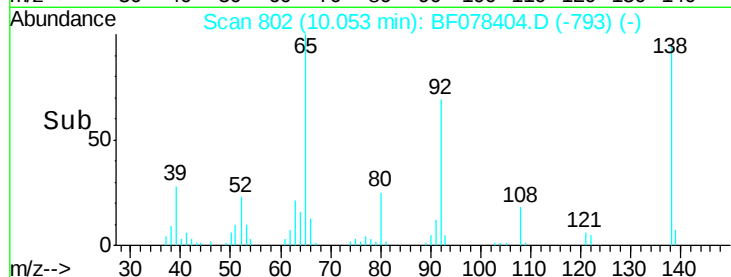
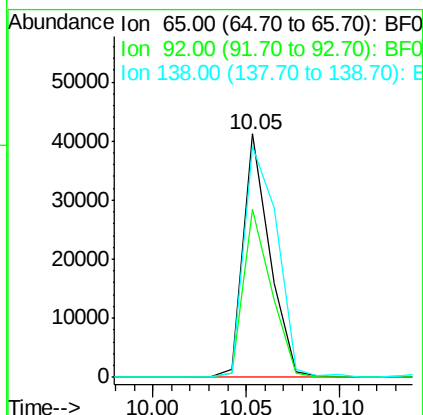
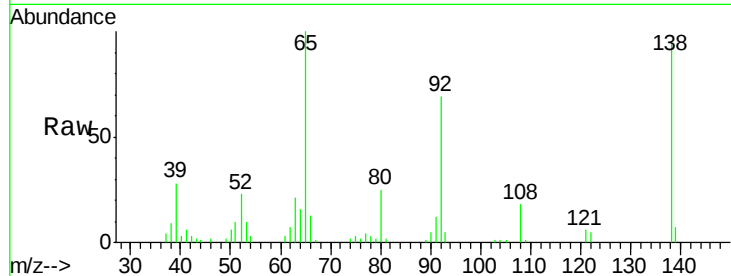




#47  
2-Nitroaniline  
Concen: 46.95 ng  
RT: 10.05 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

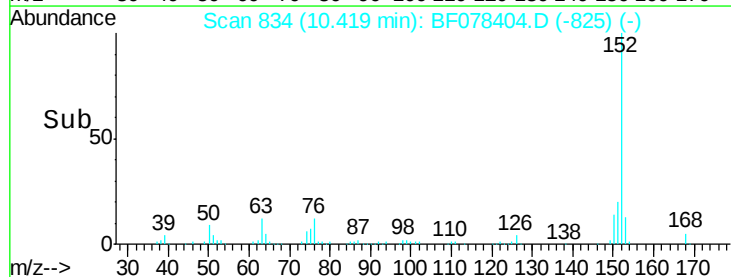
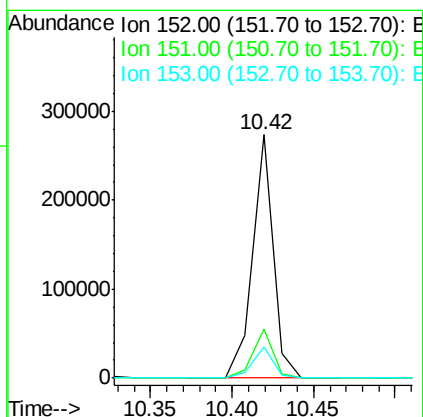
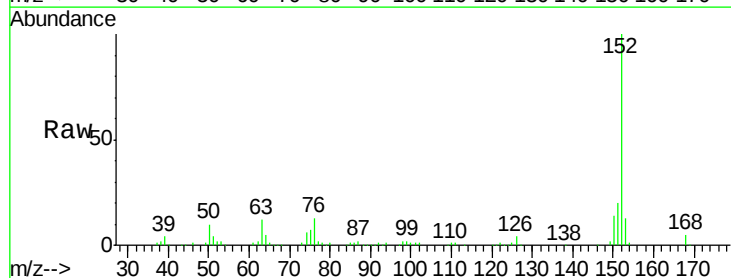
Instrument :  
BNA\_F  
ClientSampleId :  
PB82621BS

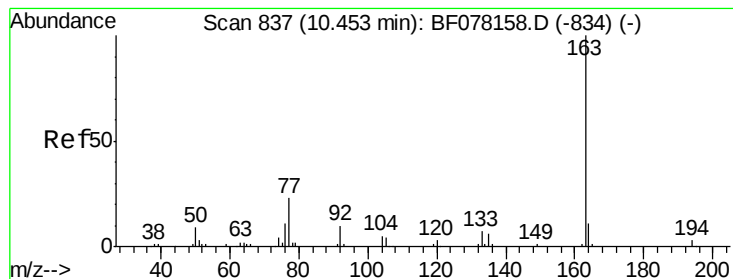
Tgt Ion: 65 Resp: 40967  
Ion Ratio Lower Upper  
65 100  
92 69.0 51.3 76.9  
138 94.6 70.4 105.6



#48  
Acenaphthylene  
Concen: 42.25 ng  
RT: 10.42 min Scan# 834  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Tgt Ion: 152 Resp: 240645  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.7 23.5  
153 12.9 10.2 15.2





#49

Dimethylphthalate

Concen: 41.41 ng

RT: 10.29 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

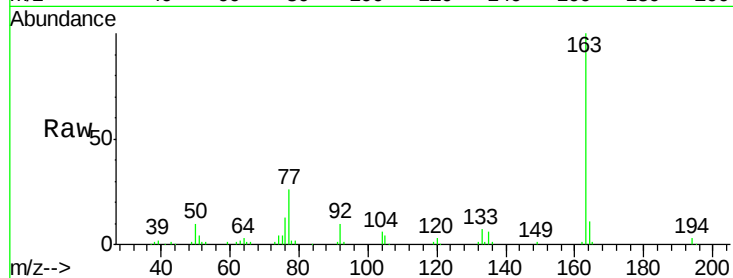
Tgt Ion:163 Resp: 170481

Ion Ratio Lower Upper

163 100

194 2.8 2.3 3.5

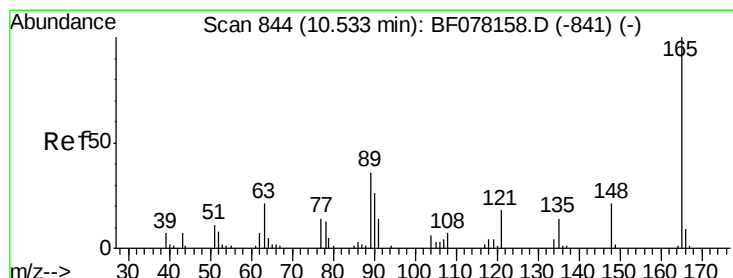
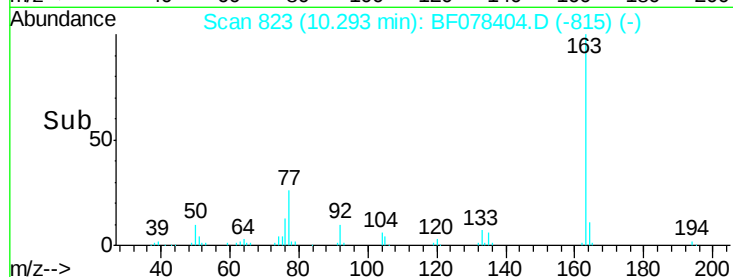
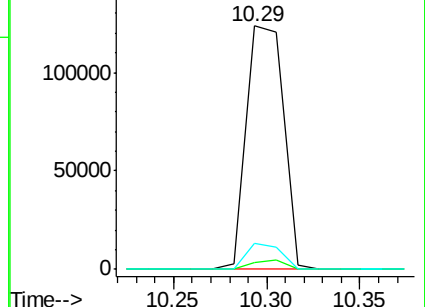
164 10.6 8.6 13.0



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: 43.81 ng

RT: 10.37 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

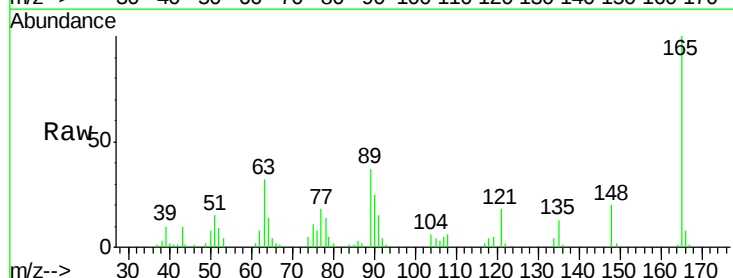
Tgt Ion:165 Resp: 37106

Ion Ratio Lower Upper

165 100

63 31.8 24.1 36.1

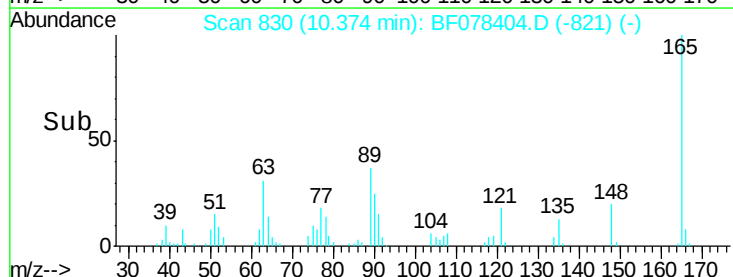
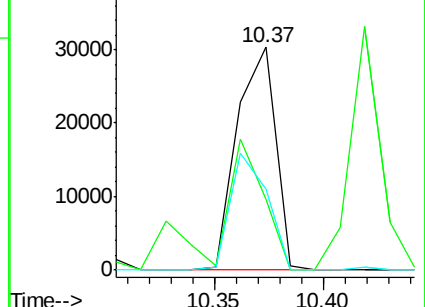
89 36.6 28.9 43.3

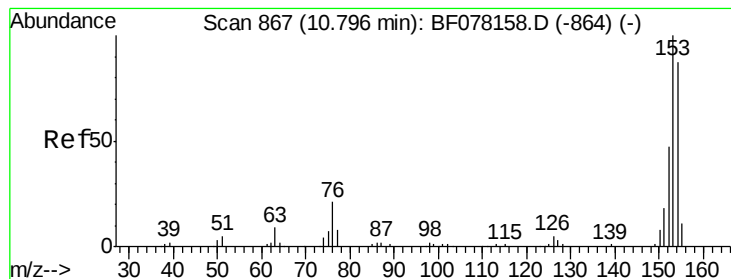


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.89 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

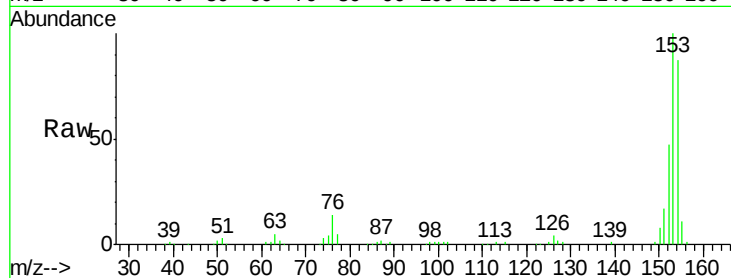
Tgt Ion:154 Resp: 137540

Ion Ratio Lower Upper

154 100

153 114.7 91.4 137.2

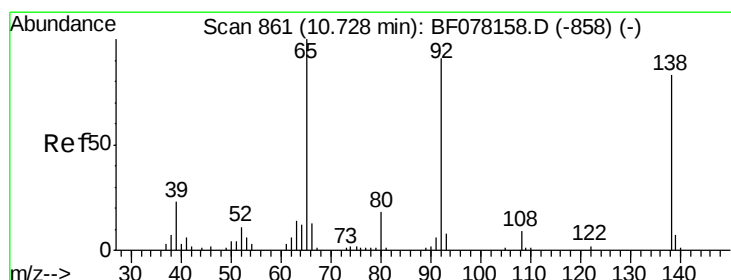
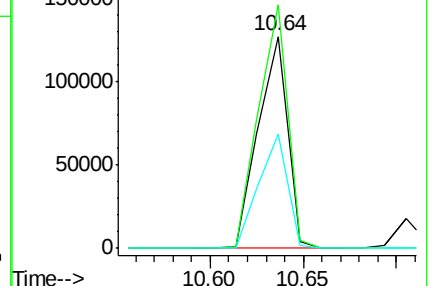
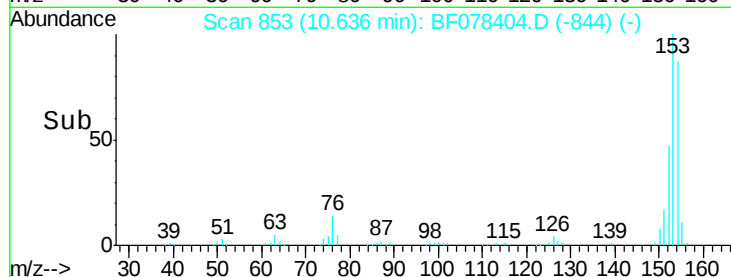
152 53.8 43.0 64.6



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: 26.62 ng

RT: 10.57 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

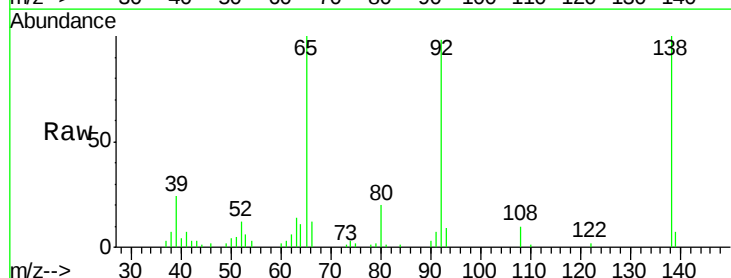
Tgt Ion:138 Resp: 25636

Ion Ratio Lower Upper

138 100

108 9.7 8.2 12.4

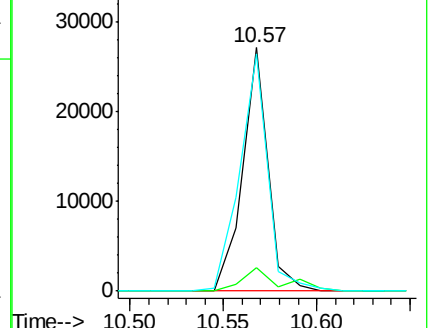
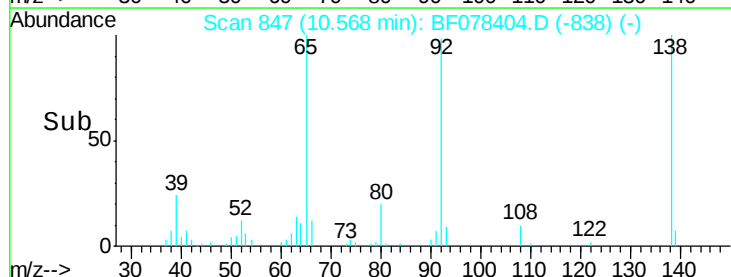
92 97.5 88.4 132.6

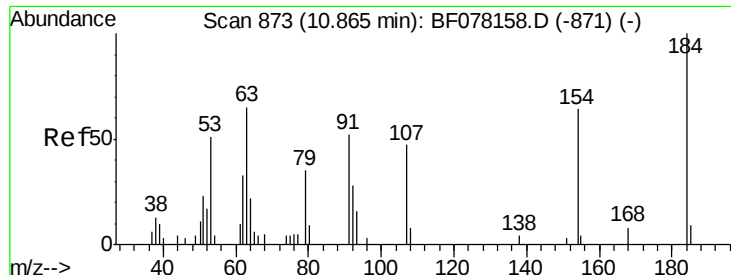


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

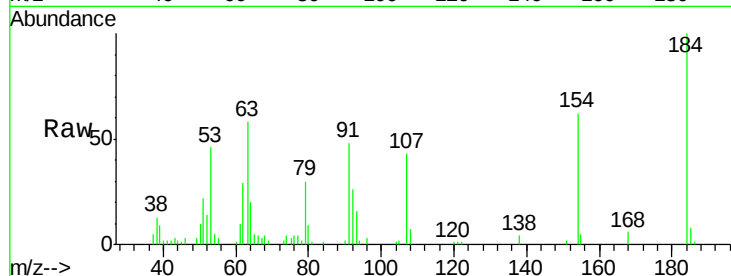




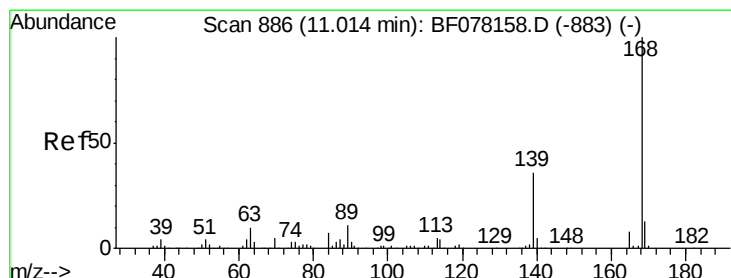
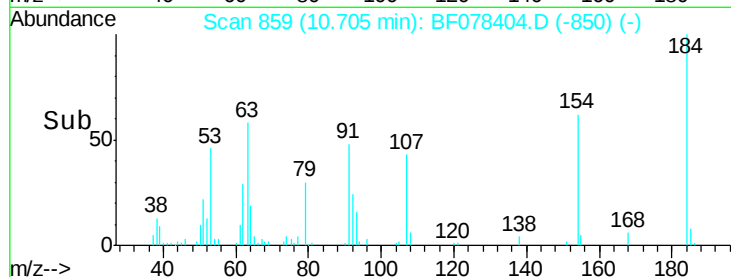
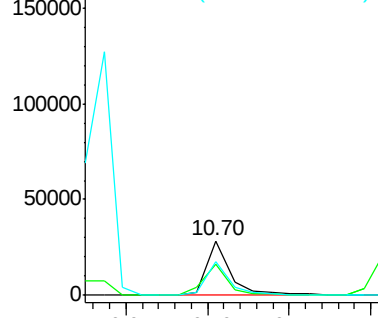
#53  
 2,4-Dinitrophenol  
 Concen: 84.82 ng  
 RT: 10.70 min Scan# 859  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

Tgt Ion:184 Resp: 28776  
 Ion Ratio Lower Upper  
 184 100  
 63 58.1 51.9 77.9  
 154 62.3 51.0 76.4

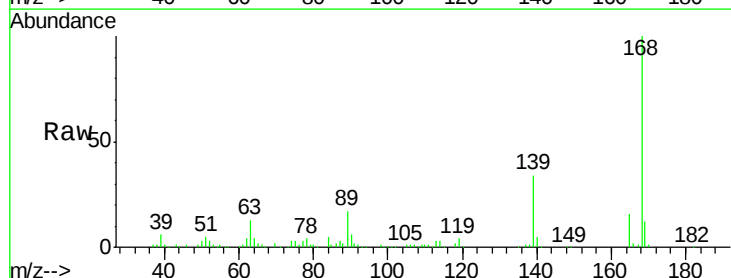


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF078158.D (-871) (-)  
 Ion 154.00 (153.70 to 154.70): E

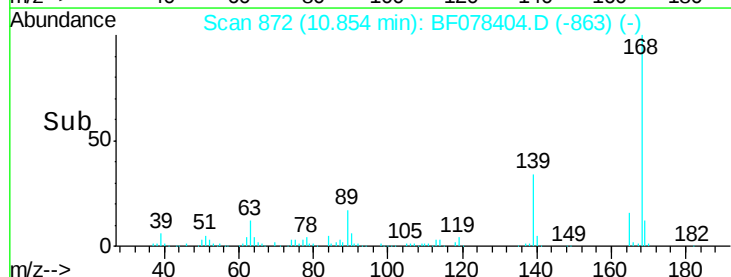
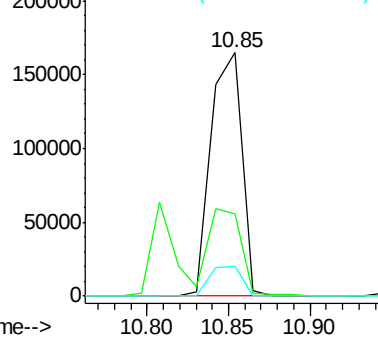


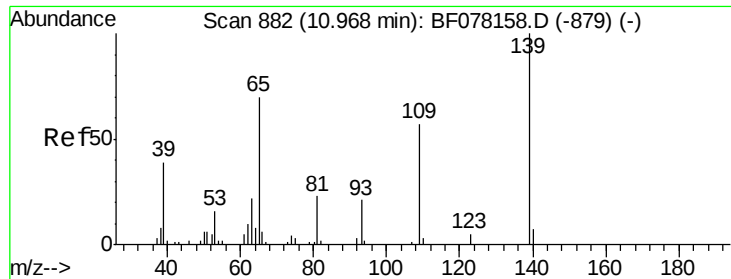
#54  
 Dibenzofuran  
 Concen: 44.14 ng  
 RT: 10.85 min Scan# 872  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:168 Resp: 216180  
 Ion Ratio Lower Upper  
 168 100  
 139 33.8 31.0 46.4  
 169 12.4 10.7 16.1



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

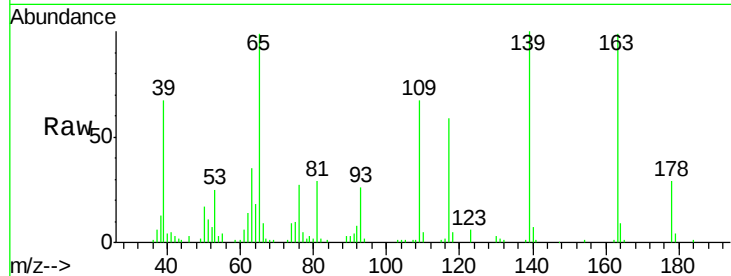




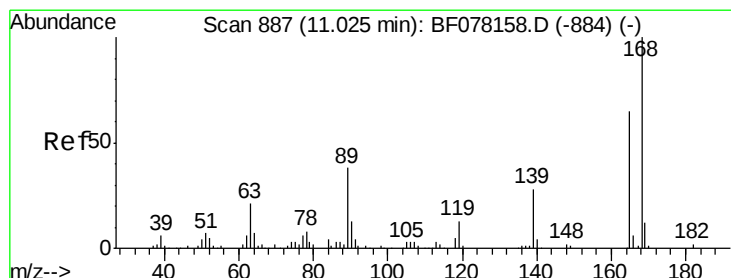
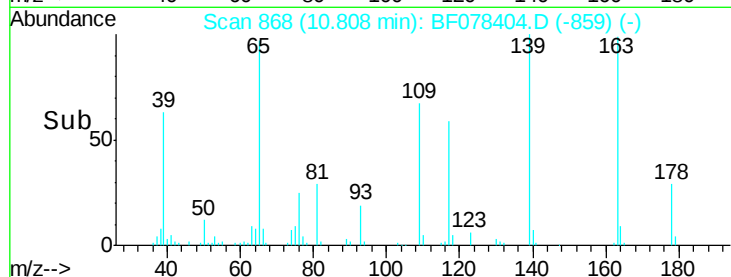
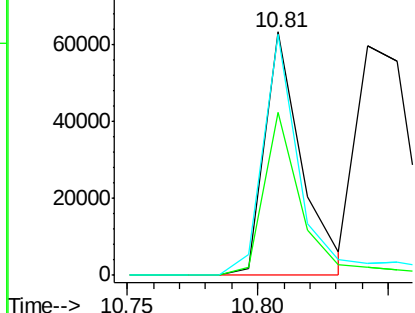
#55  
4-Nitrophenol  
Concen: 88.45 ng  
RT: 10.81 min Scan# 868  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB82621BS

Tgt Ion:139 Resp: 62945  
Ion Ratio Lower Upper  
139 100  
109 67.0 36.7 76.7  
65 99.1 49.9 89.9#

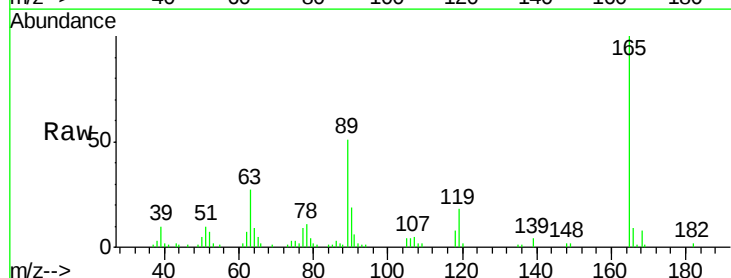


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

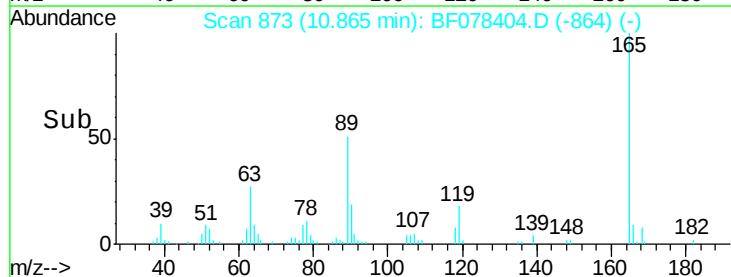
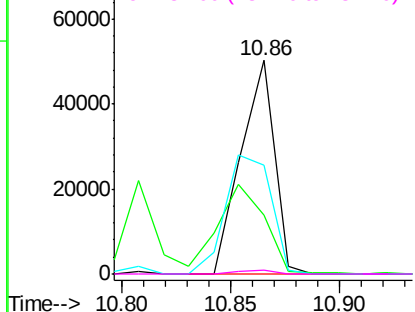


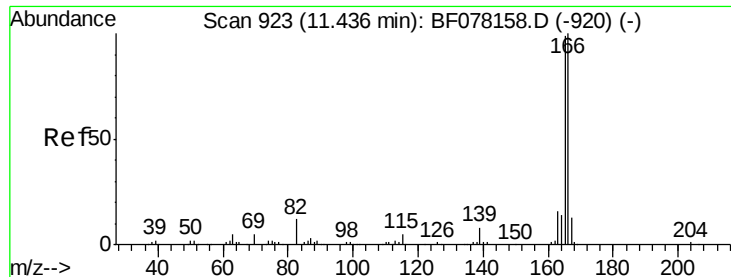
#56  
2,4-Dinitrotoluene  
Concen: 49.10 ng  
RT: 10.86 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Tgt Ion:165 Resp: 53862  
Ion Ratio Lower Upper  
165 100  
63 27.5 26.5 39.7  
89 51.1 46.4 69.6  
182 2.1 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E

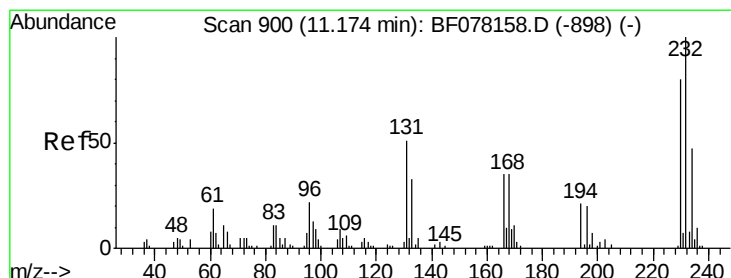
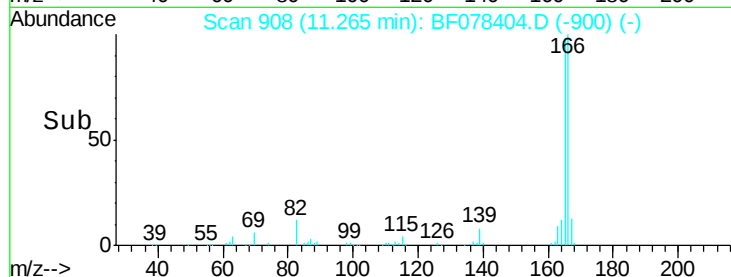
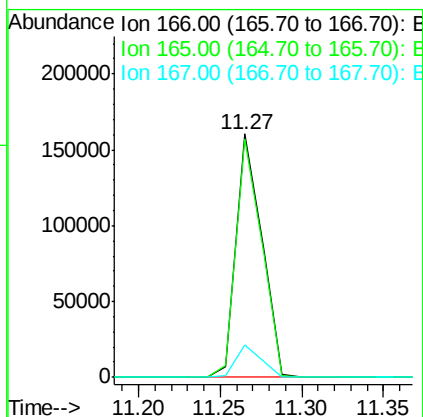
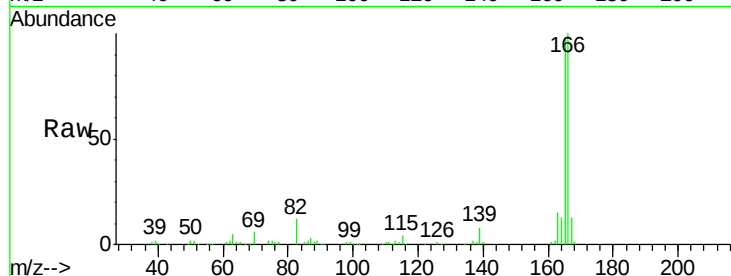




#57  
 Fluorene  
 Concen: 43.81 ng  
 RT: 11.27 min Scan# 908  
 Delta R.T. -0.01 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

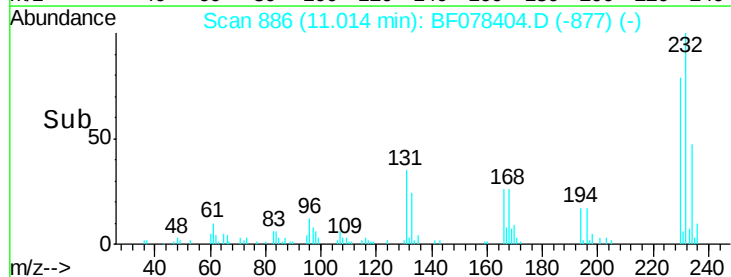
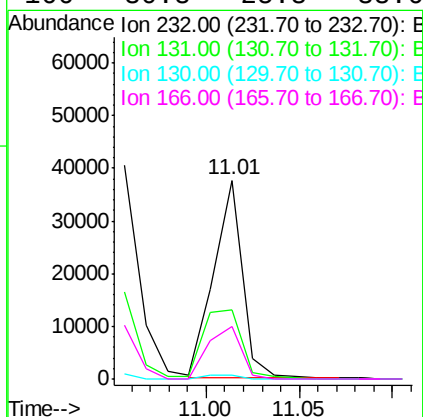
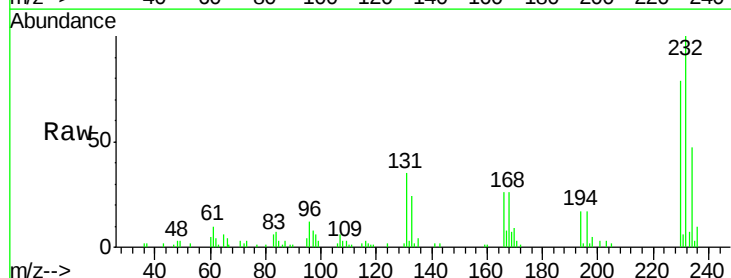
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

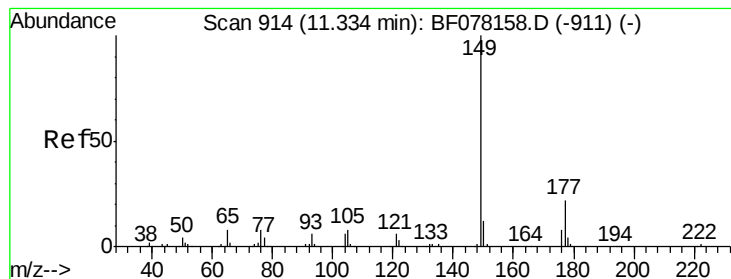
Tgt Ion:166 Resp: 173924  
 Ion Ratio Lower Upper  
 166 100  
 165 97.9 78.9 118.3  
 167 13.5 10.7 16.1



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 48.77 ng  
 RT: 11.01 min Scan# 886  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:232 Resp: 40453  
 Ion Ratio Lower Upper  
 232 100  
 131 47.2 37.8 56.8  
 130 2.3 1.5 2.3#  
 166 30.8 25.8 38.6





#59

Diethylphthalate

Concen: 44.38 ng

RT: 11.17 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

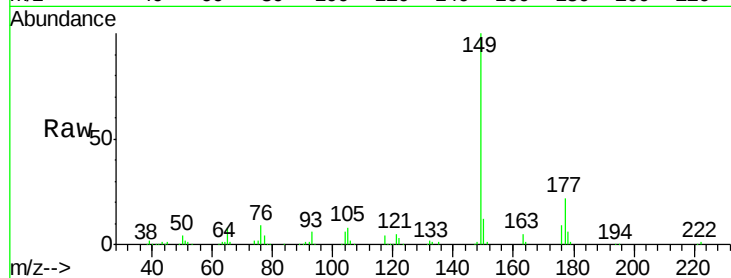
Tgt Ion:149 Resp: 176168

Ion Ratio Lower Upper

149 100

177 22.4 17.4 26.2

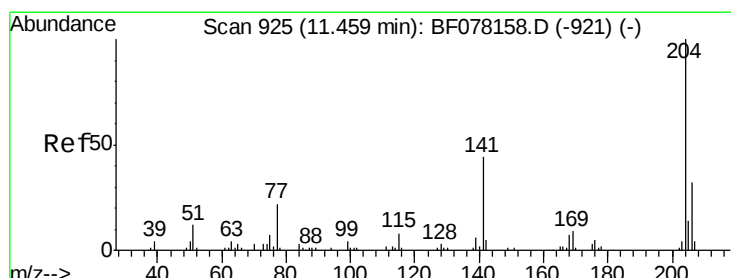
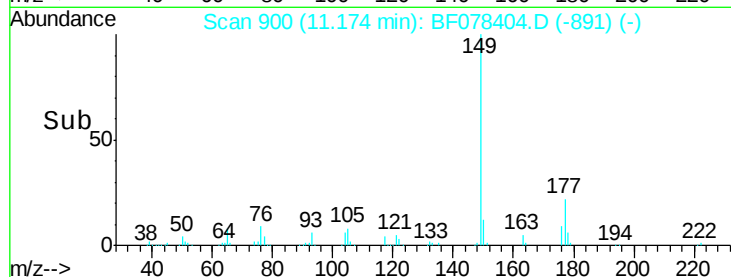
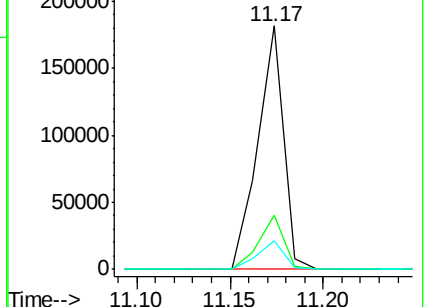
150 11.8 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.41 ng

RT: 11.29 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

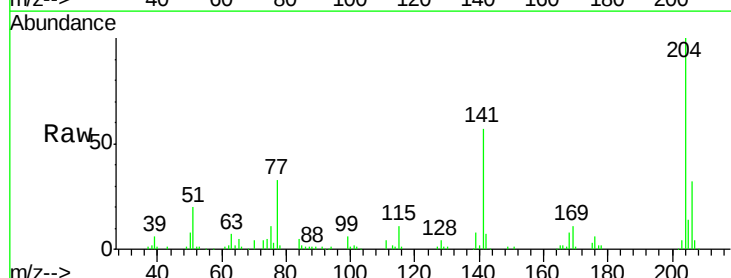
Tgt Ion:204 Resp: 81100

Ion Ratio Lower Upper

204 100

206 31.9 25.6 38.4

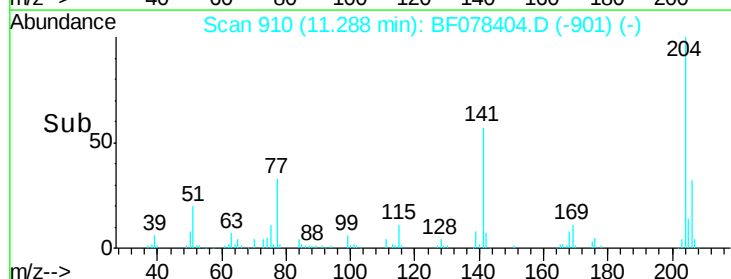
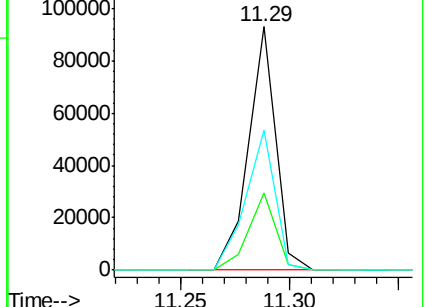
141 57.3 35.4 53.0#

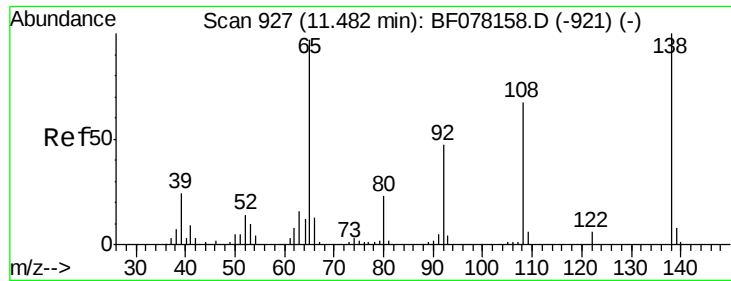


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

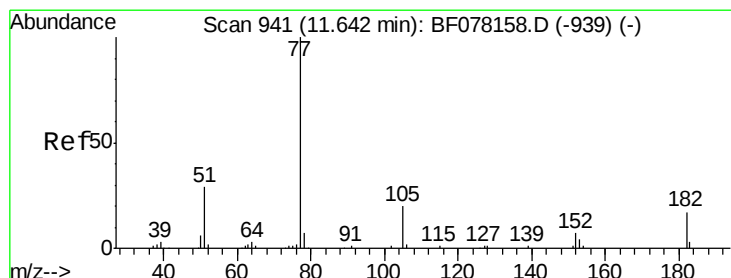
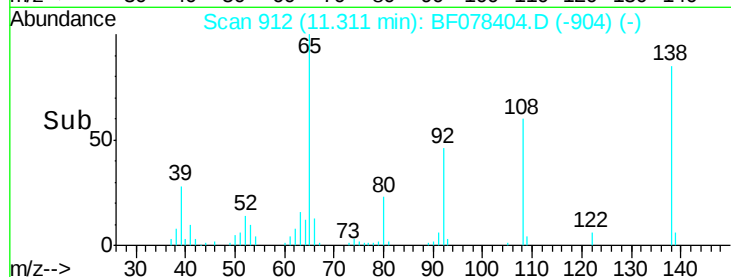
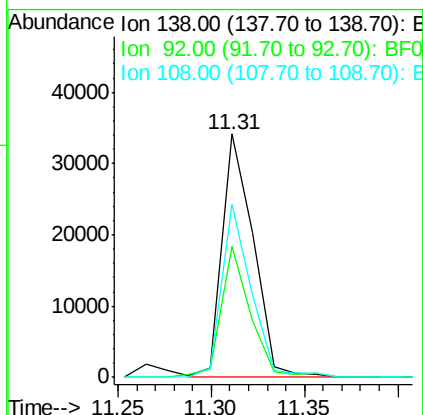
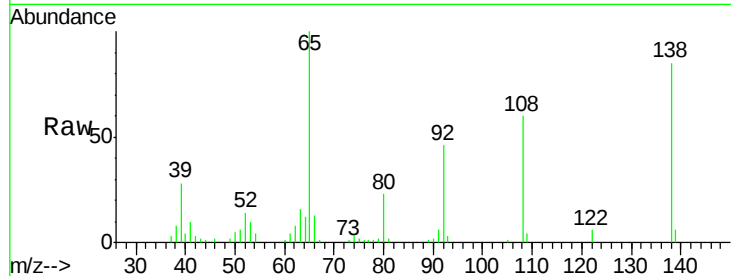




#61  
4-Nitroaniline  
Concen: 41.16 ng  
RT: 11.31 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

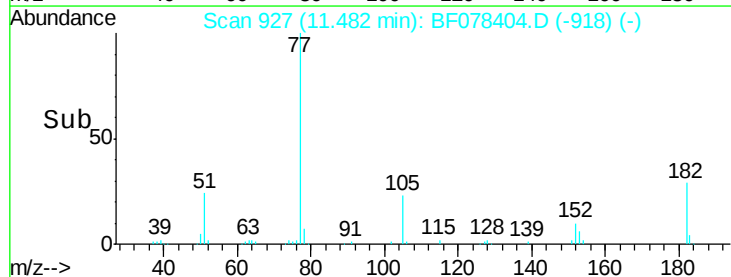
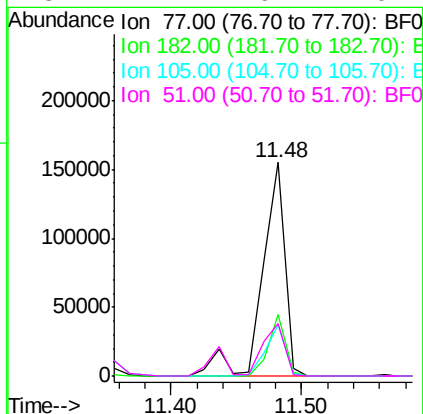
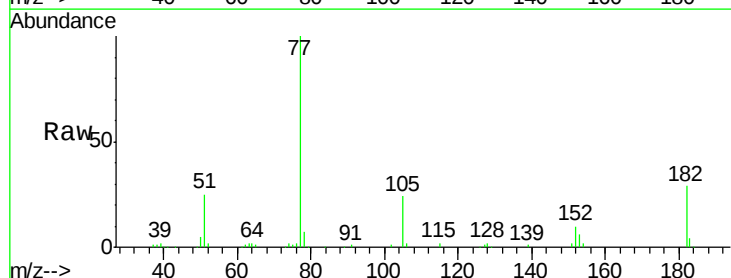
Instrument :  
BNA\_F  
ClientSampleId :  
PB82621BS

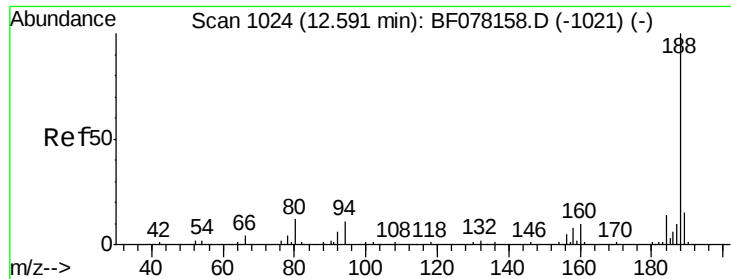
Tgt Ion:138 Resp: 40079  
Ion Ratio Lower Upper  
138 100  
92 53.8 27.3 67.3  
108 70.9 47.2 87.2



#62  
Azobenzene  
Concen: 51.58 ng  
RT: 11.48 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Tgt Ion: 77 Resp: 186887  
Ion Ratio Lower Upper  
77 100  
182 28.7 0.0 36.8  
105 23.7 0.3 40.3  
51 24.7 9.1 49.1

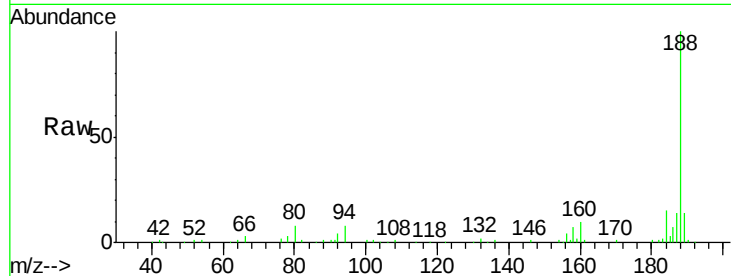




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 12.42 min Scan# 1009  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

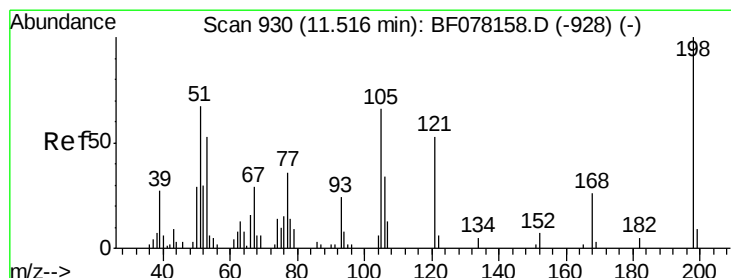
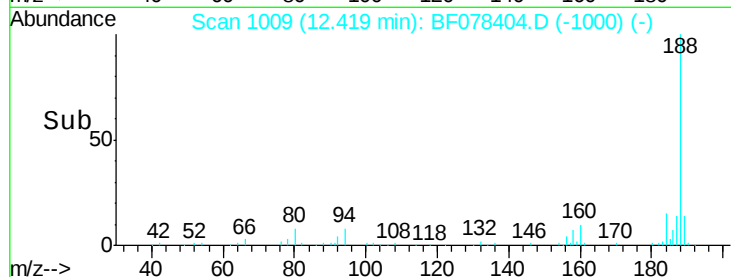
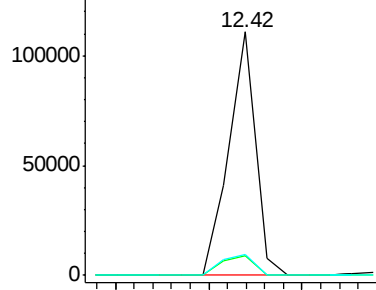
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.8   | 9.0   | 13.4# |
| 80      | 8.4   | 9.5   | 14.3# |



Abundance Ion 188.00 (187.70 to 188.70): E

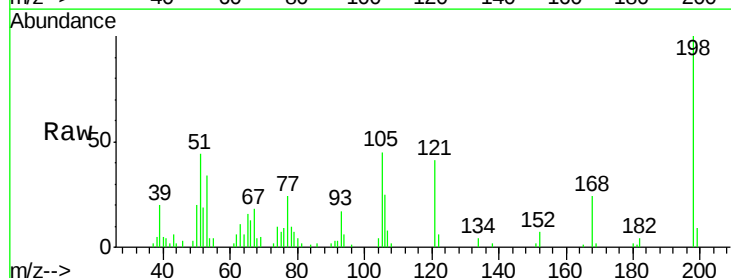
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 42.91 ng  
 RT: 11.36 min Scan# 916  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

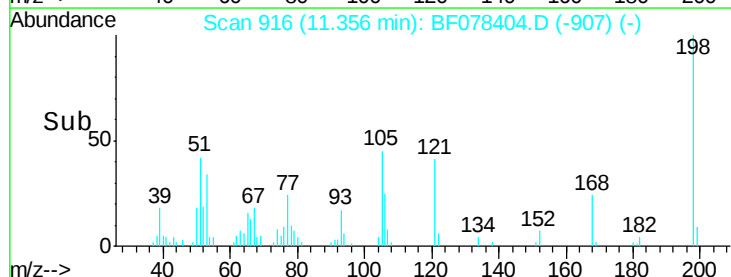
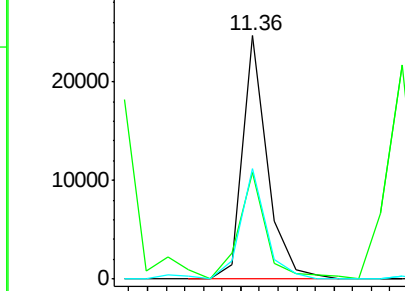
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 43.7  | 48.6  | 88.6# |
| 105     | 45.5  | 45.8  | 85.8# |

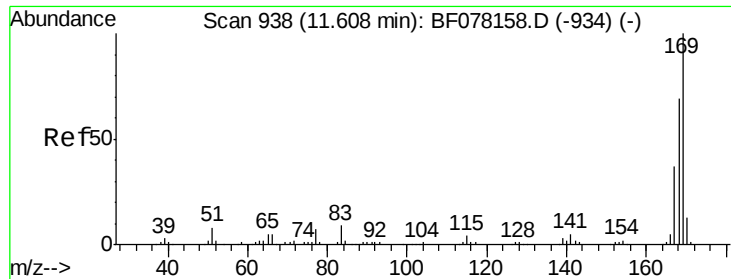


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

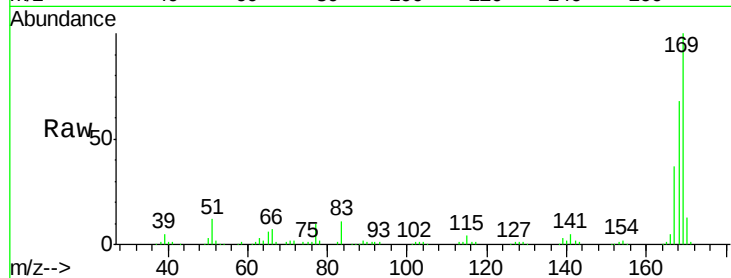




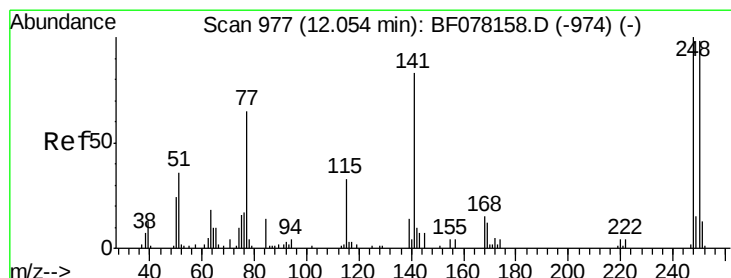
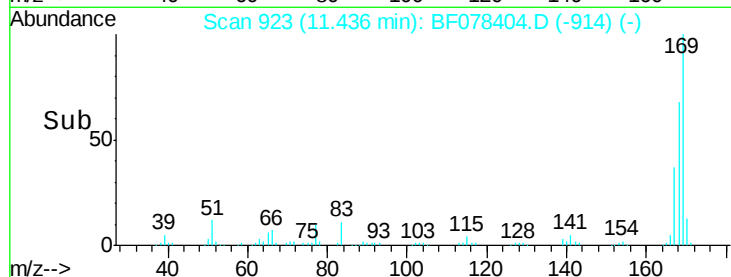
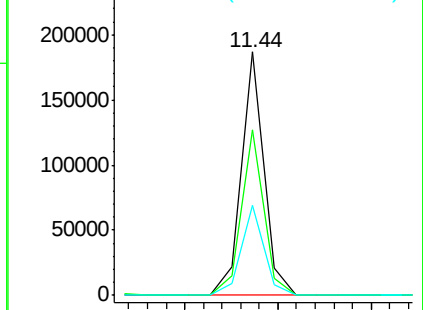
#65  
 n-Nitrosodiphenylamine  
 Concen: 41.45 ng  
 RT: 11.44 min Scan# 923  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

Tgt Ion:169 Resp: 157989  
 Ion Ratio Lower Upper  
 169 100  
 168 68.2 55.0 82.4  
 167 37.2 29.3 43.9

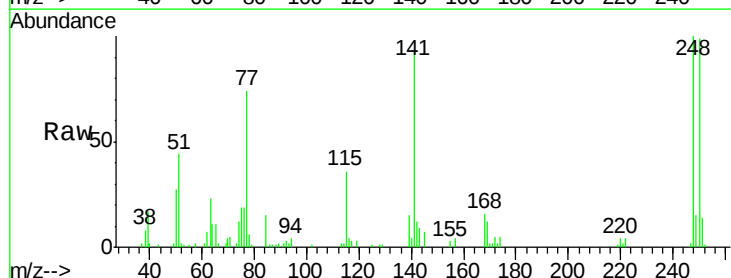


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

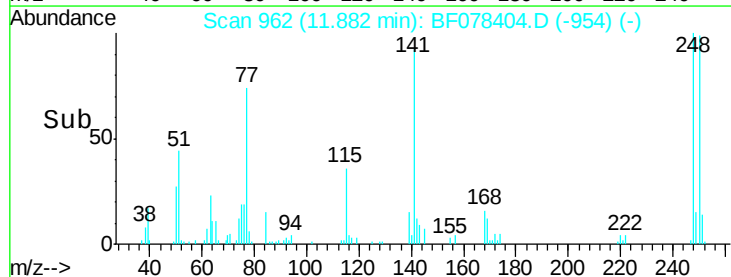
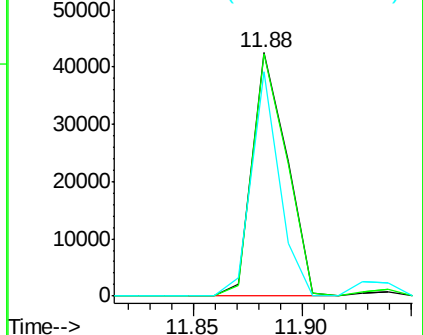


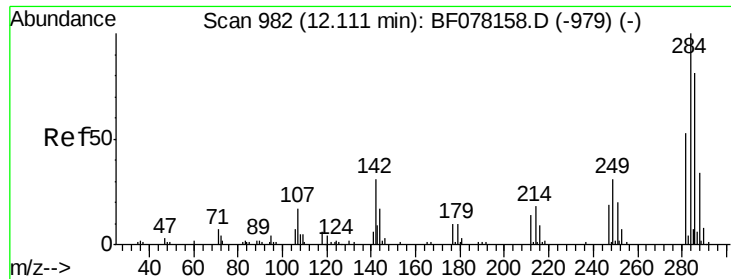
#66  
 4-Bromophenyl-phenylether  
 Concen: 40.28 ng  
 RT: 11.88 min Scan# 962  
 Delta R.T. -0.01 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:248 Resp: 46998  
 Ion Ratio Lower Upper  
 248 100  
 250 99.4 78.2 117.2  
 141 92.4 66.4 99.6



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

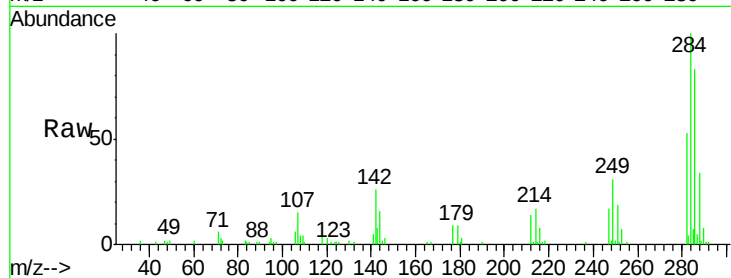




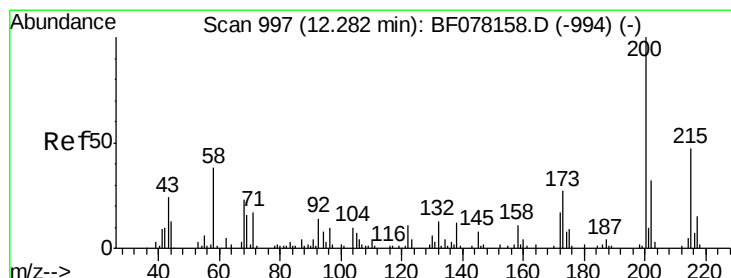
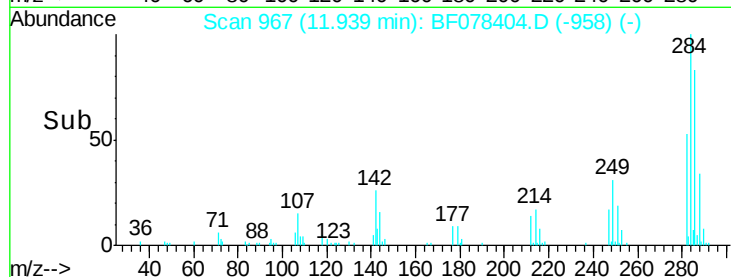
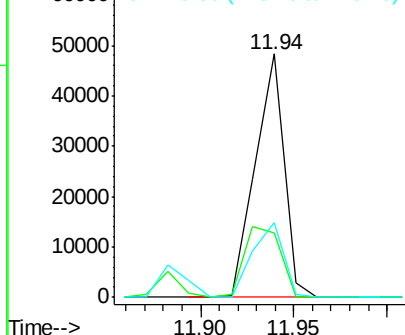
#67  
Hexachlorobenzene  
Concen: 40.23 ng  
RT: 11.94 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB82621BS

Tgt Ion: 284 Resp: 51435  
Ion Ratio Lower Upper  
284 100  
142 26.5 24.5 36.7  
249 30.6 24.8 37.2

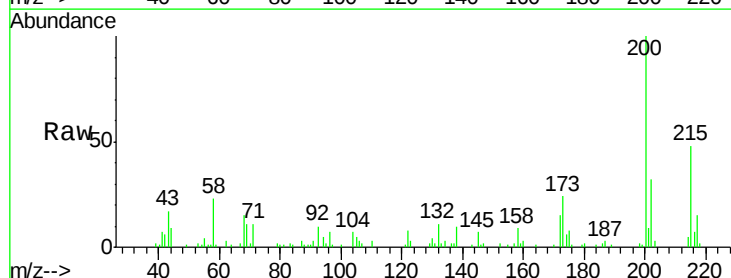


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

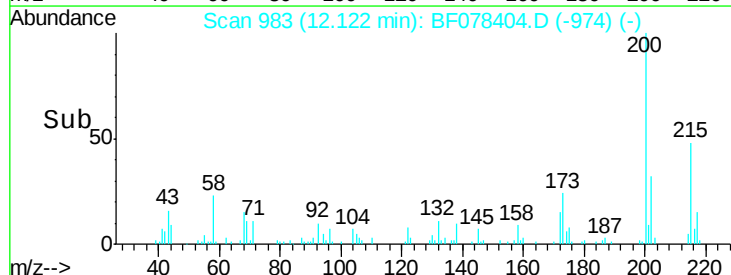
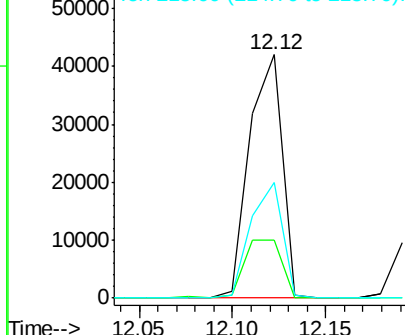


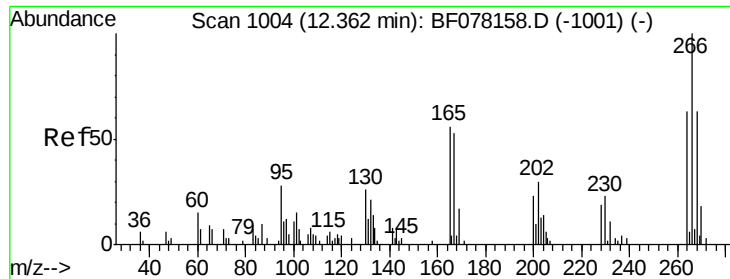
#68  
Atrazine  
Concen: 47.04 ng  
RT: 12.12 min Scan# 983  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Tgt Ion: 200 Resp: 51923  
Ion Ratio Lower Upper  
200 100  
173 23.9 6.9 46.9  
215 47.6 27.1 67.1



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

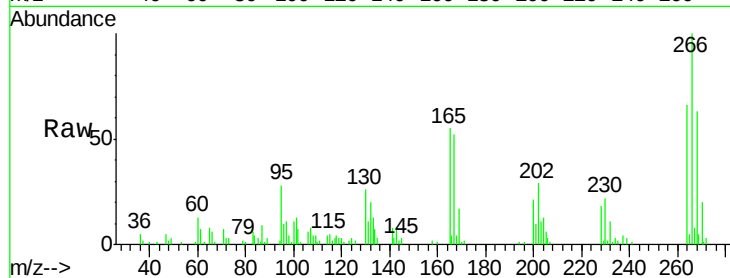




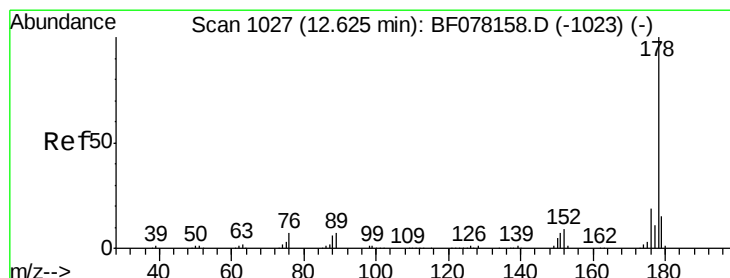
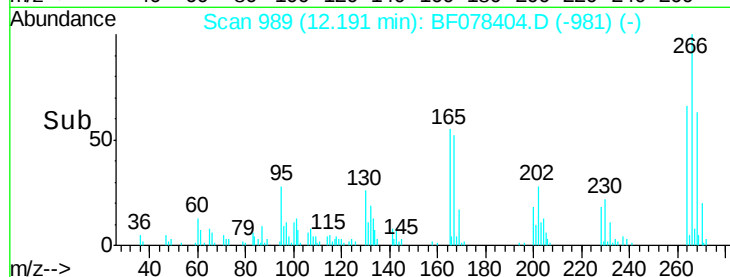
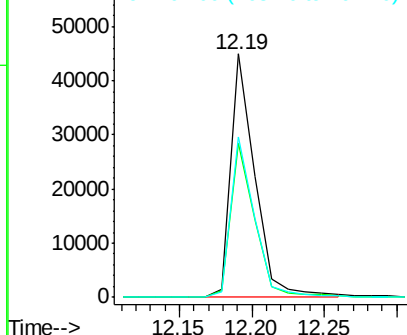
#69  
 Pentachlorophenol  
 Concen: 90.49 ng  
 RT: 12.19 min Scan# 989  
 Delta R.T. -0.01 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

Tgt Ion:266 Resp: 51950  
 Ion Ratio Lower Upper  
 266 100  
 268 63.4 50.1 75.1  
 264 66.0 50.0 75.0

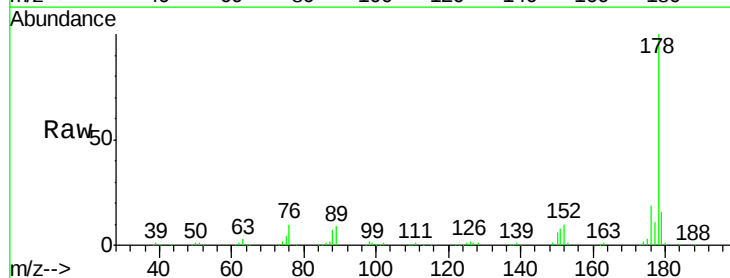


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

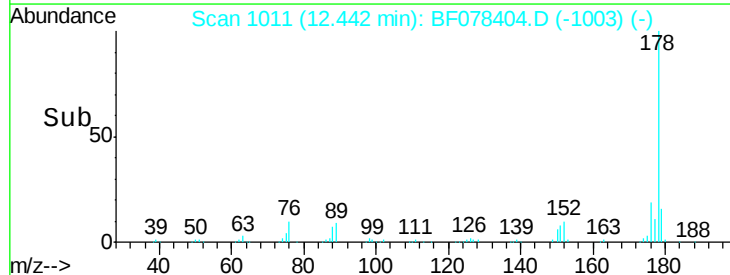
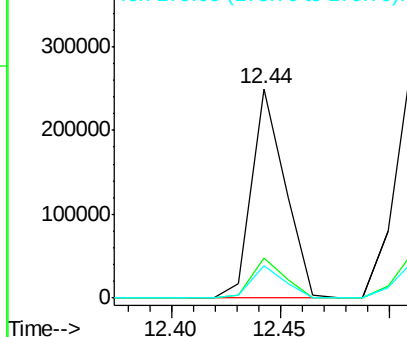


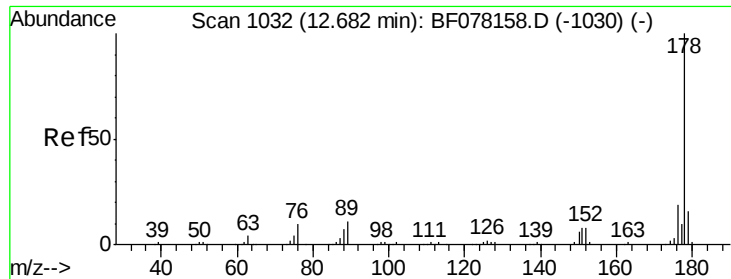
#70  
 Phenanthrene  
 Concen: 41.92 ng  
 RT: 12.44 min Scan# 1011  
 Delta R.T. -0.01 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:178 Resp: 267199  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.4 23.0  
 179 15.6 12.2 18.2



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

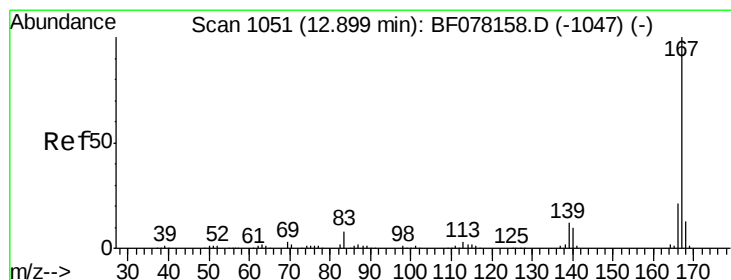
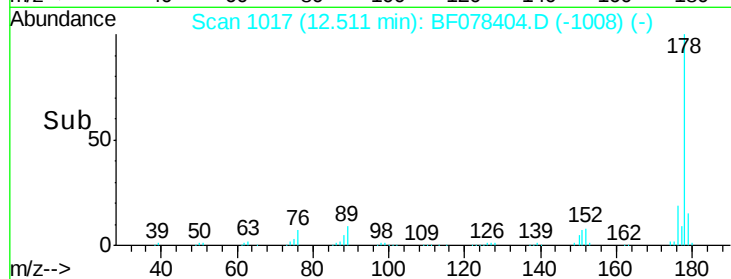
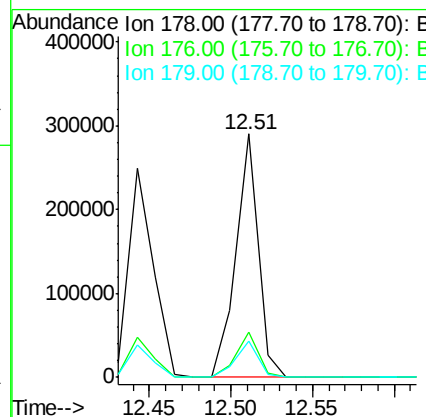
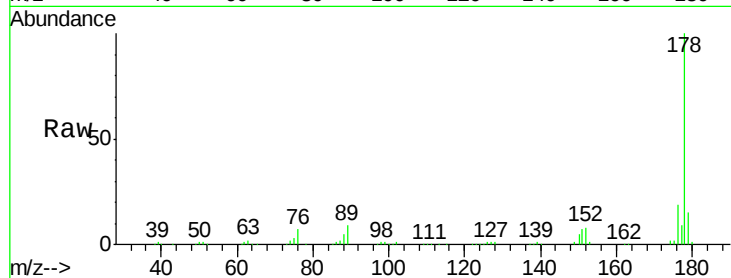




#71  
 Anthracene  
 Concen: 43.39 ng  
 RT: 12.51 min Scan# 1017  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

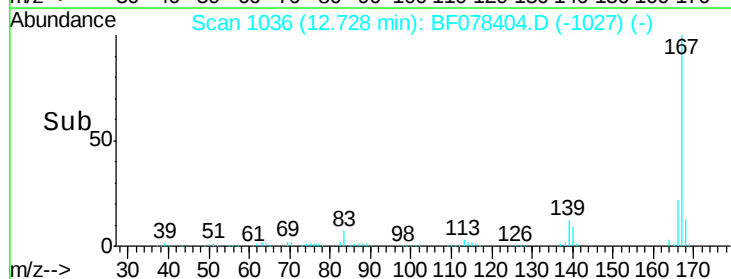
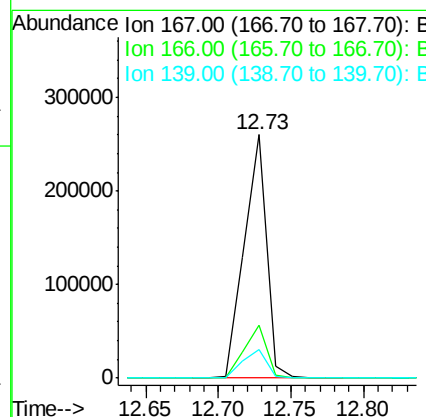
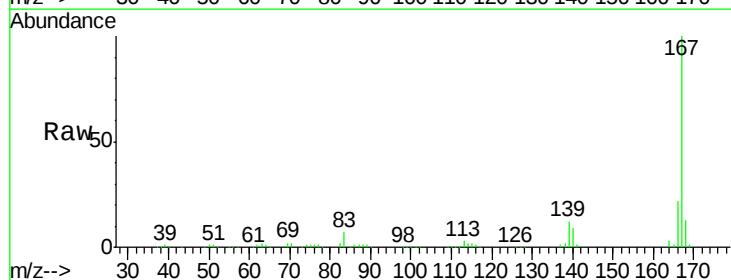
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

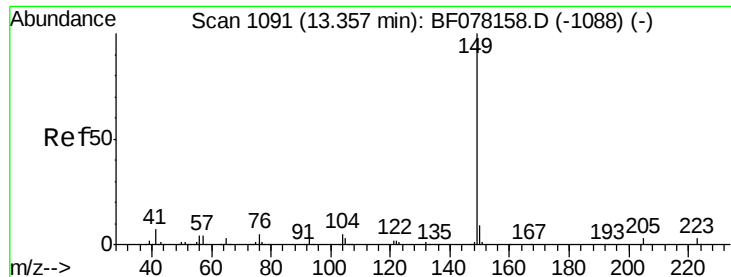
Tgt Ion:178 Resp: 272503  
 Ion Ratio Lower Upper  
 178 100  
 176 18.6 14.8 22.2  
 179 14.7 12.4 18.6



#72  
 Carbazole  
 Concen: 47.66 ng  
 RT: 12.73 min Scan# 1036  
 Delta R.T. 0.00 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:167 Resp: 280491  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 16.8 25.2  
 139 12.0 10.0 15.0

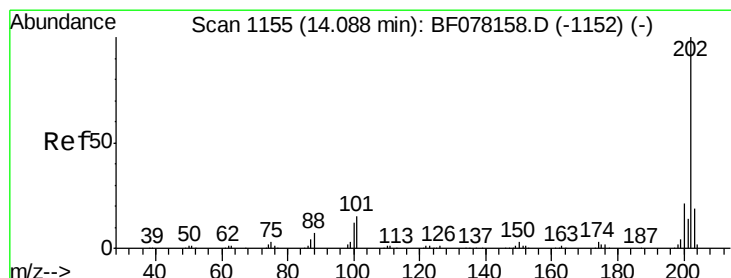
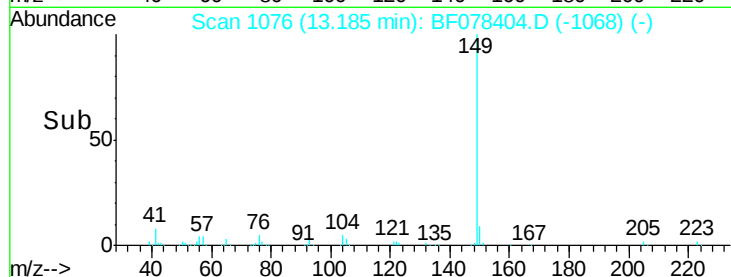
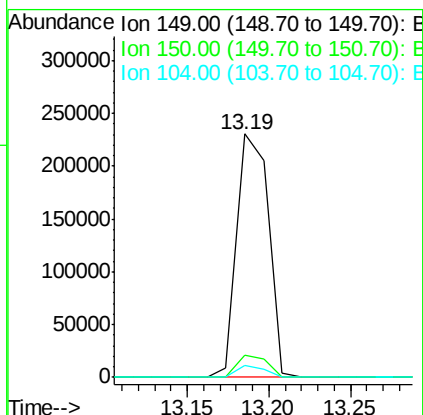
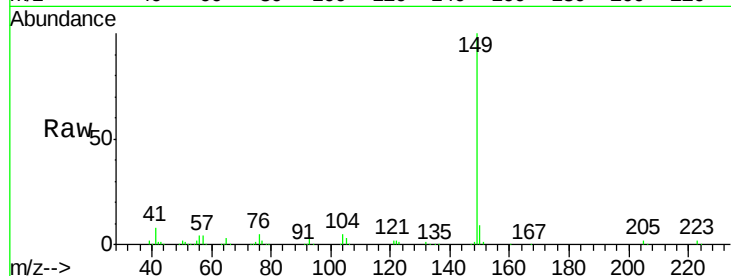




#73  
Di-n-butylphthalate  
Concen: 46.23 ng  
RT: 13.19 min Scan# 1076  
Delta R.T. -0.01 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

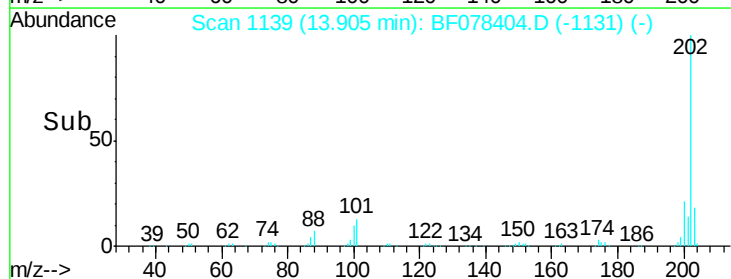
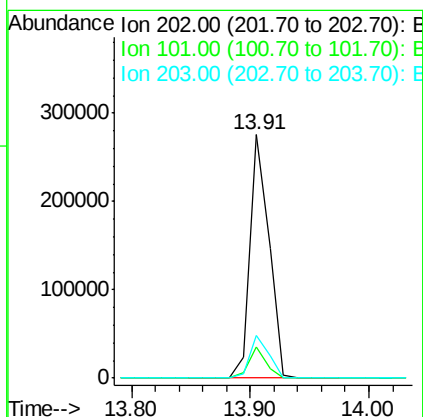
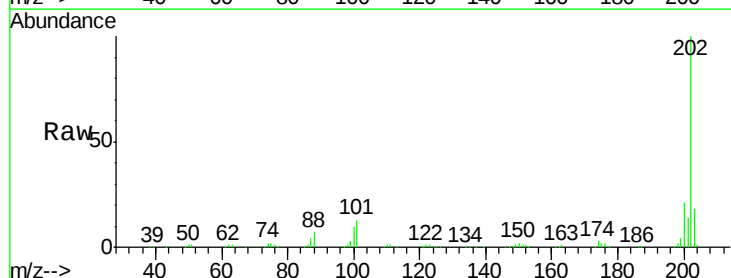
Instrument :  
BNA\_F  
ClientSampleId :  
PB82621BS

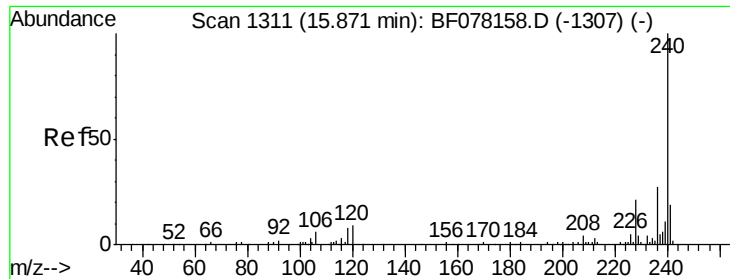
Tgt Ion:149 Resp: 308258  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.1 10.7  
104 5.1 3.8 5.6



#74  
Fluoranthene  
Concen: 46.17 ng  
RT: 13.91 min Scan# 1139  
Delta R.T. -0.01 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Tgt Ion:202 Resp: 310303  
Ion Ratio Lower Upper  
202 100  
101 13.0 0.0 35.2  
203 17.8 0.0 38.5

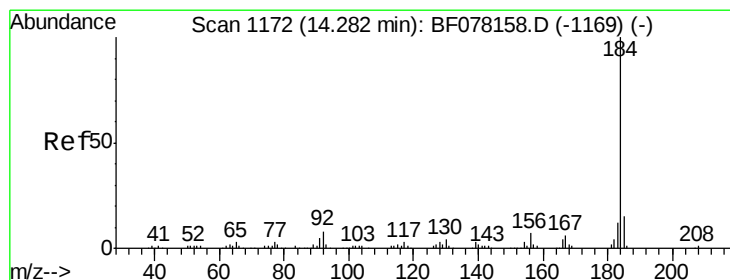
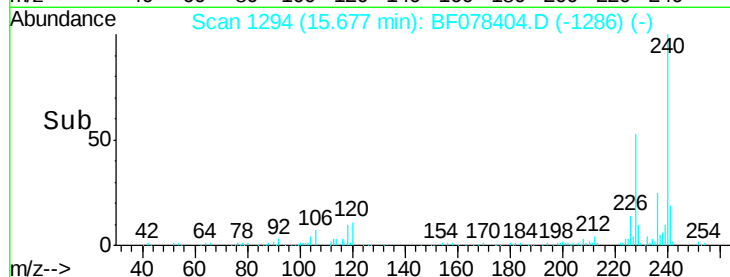
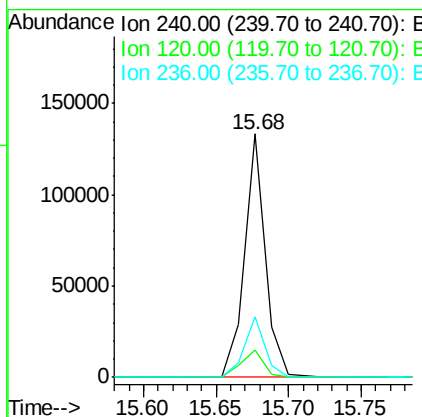
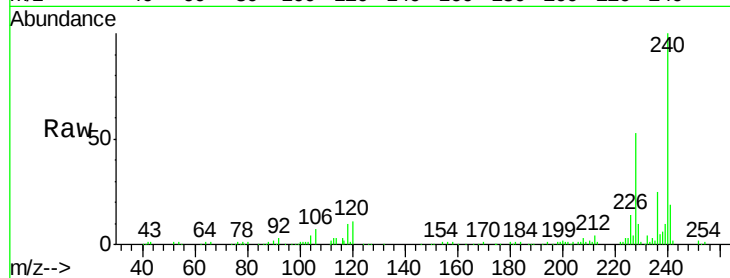




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.68 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

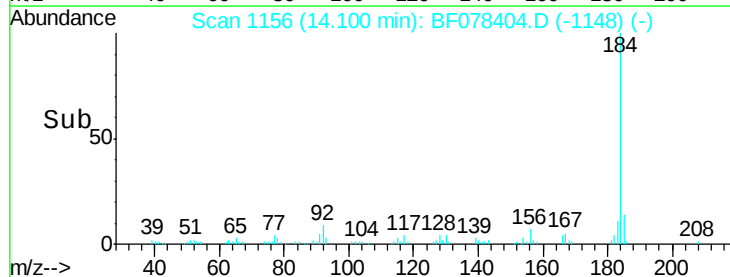
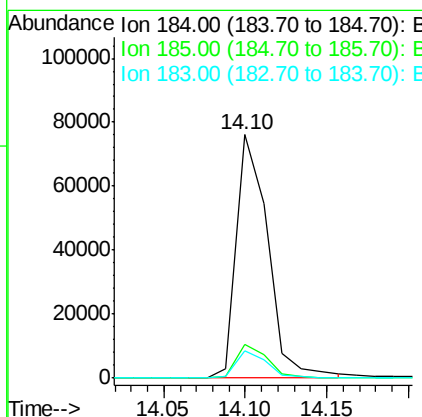
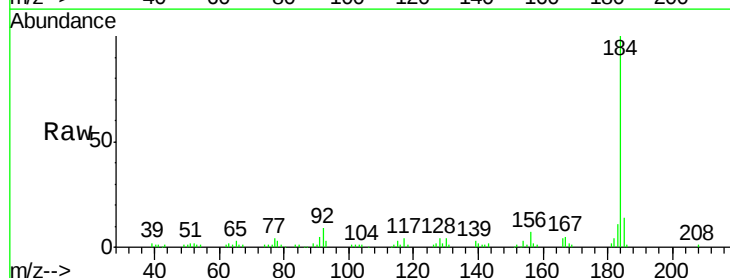
Instrument :  
BNA\_F  
ClientSampleId :  
PB82621BS

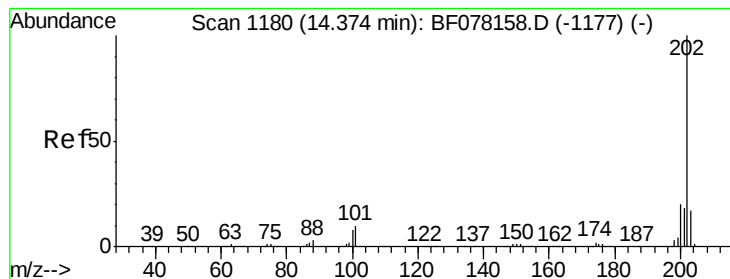
Tgt Ion:240 Resp: 131914  
Ion Ratio Lower Upper  
240 100  
120 11.2 7.1 10.7#  
236 24.8 21.4 32.2



#76  
Benzidine  
Concen: 19.94 ng  
RT: 14.10 min Scan# 1156  
Delta R.T. -0.01 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Tgt Ion:184 Resp: 101279  
Ion Ratio Lower Upper  
184 100  
185 13.6 12.2 18.2  
183 11.3 9.5 14.3





#77

Pyrene

Concen: 38.94 ng

RT: 14.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

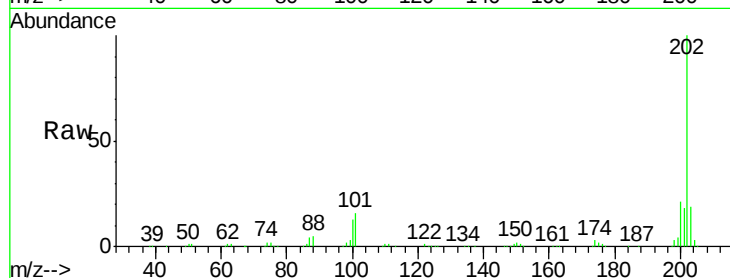
Tgt Ion: 202 Resp: 322434

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

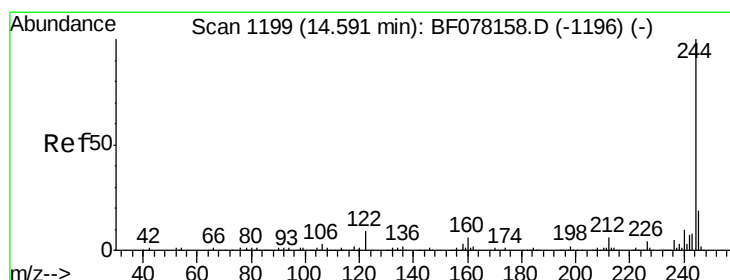
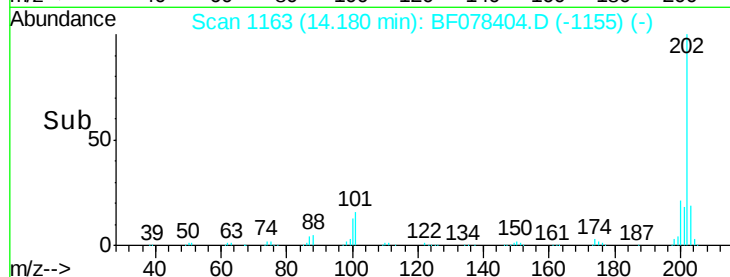
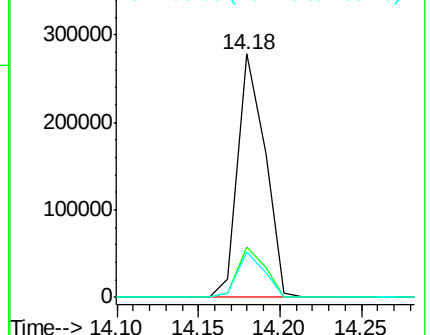
203 18.8 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.01 ng

RT: 14.41 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

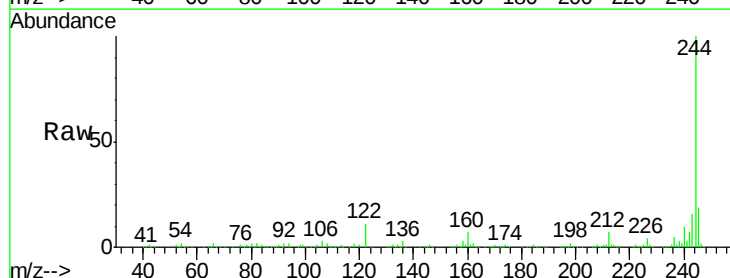
Tgt Ion: 244 Resp: 432043

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

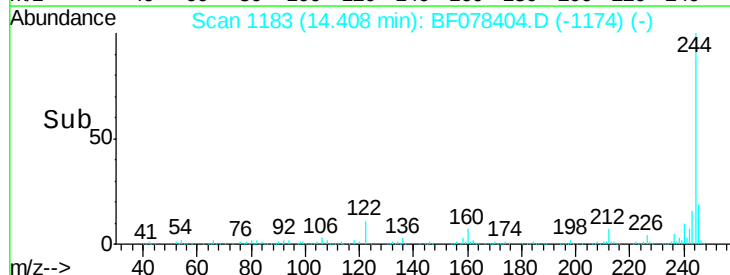
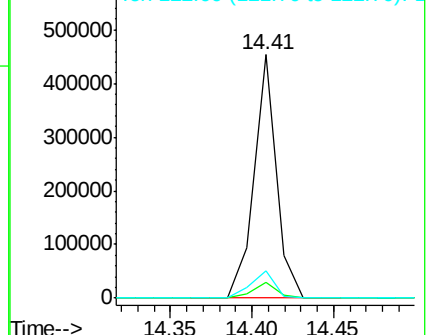
122 11.4 7.1 10.7#

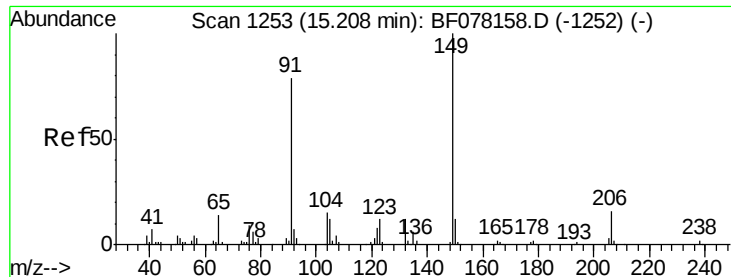


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

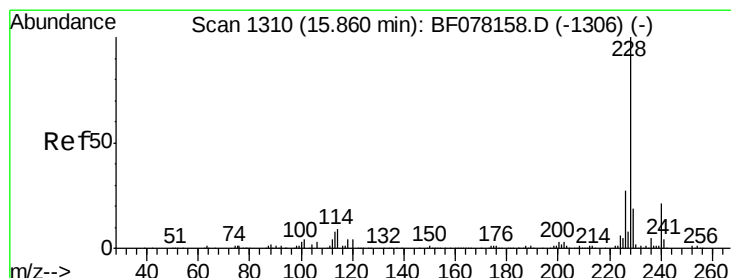
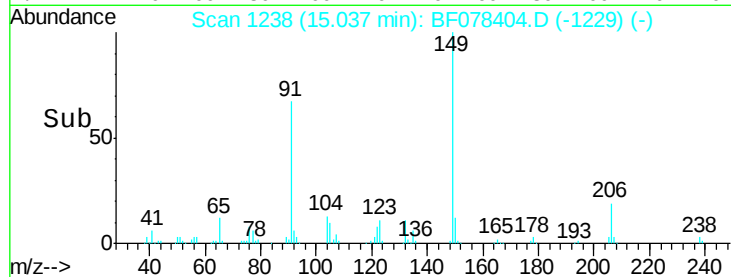
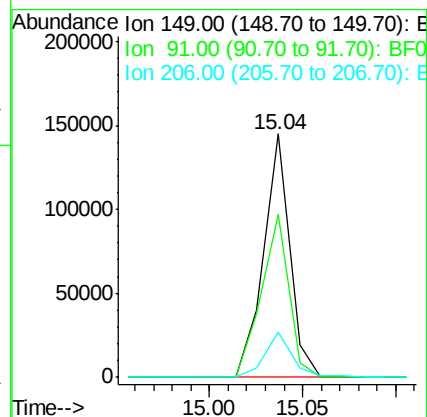
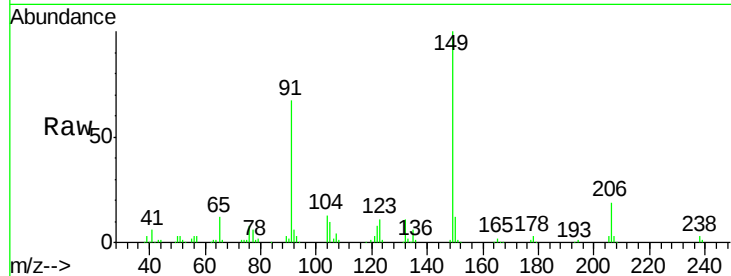




#79  
Butylbenzylphthalate  
Concen: 44.42 ng  
RT: 15.04 min Scan# 1238  
Delta R.T. 0.00 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

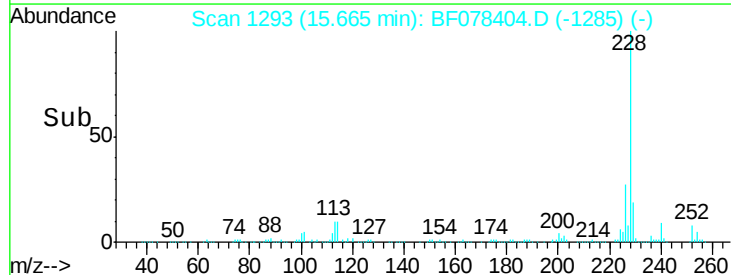
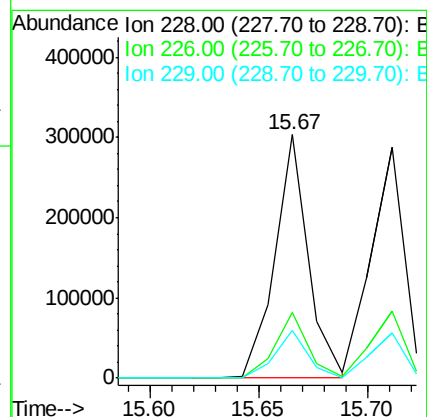
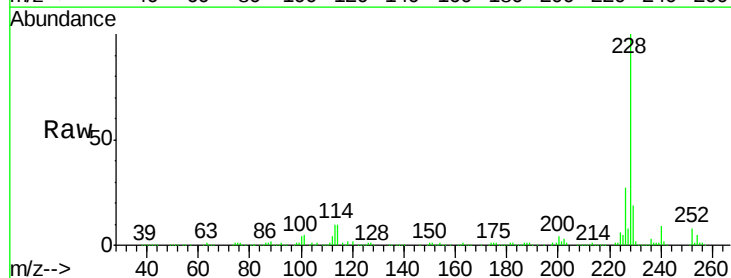
Instrument :  
BNA\_F  
ClientSampleId :  
PB82621BS

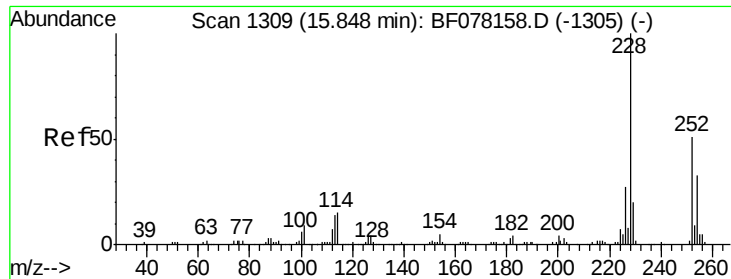
Tgt Ion:149 Resp: 140211  
Ion Ratio Lower Upper  
149 100  
91 66.8 64.2 96.2  
206 18.7 12.6 18.8



#80  
Benzo(a)anthracene  
Concen: 41.46 ng  
RT: 15.67 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Tgt Ion:228 Resp: 325419  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.3 31.9  
229 19.5 15.4 23.2

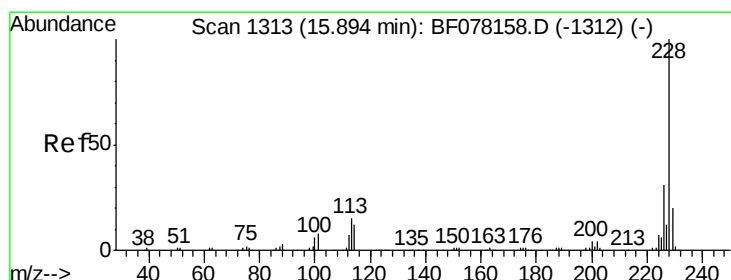
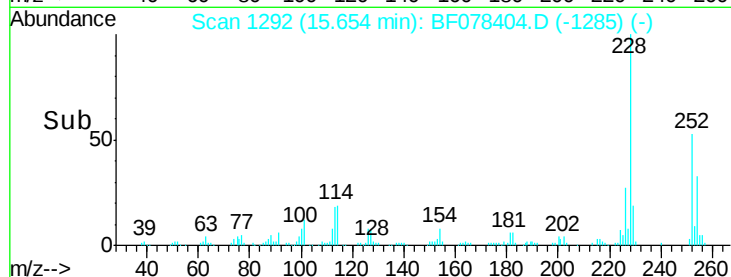
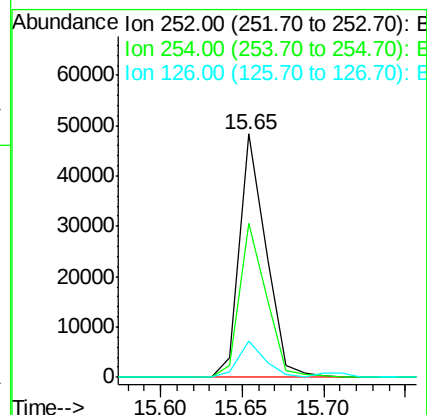
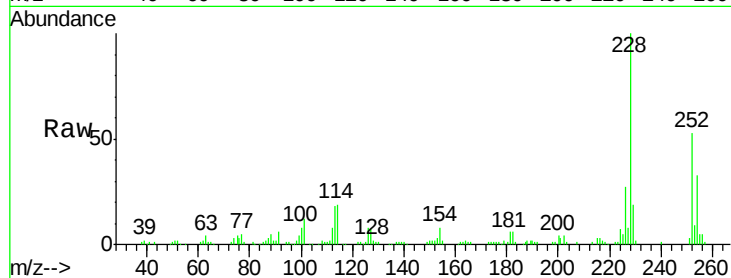




#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.61 ng  
 RT: 15.65 min Scan# 1292  
 Delta R.T. -0.02 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

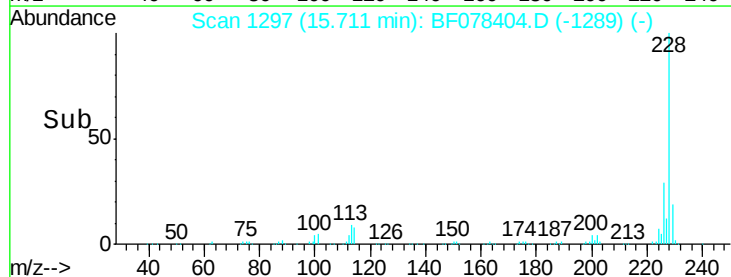
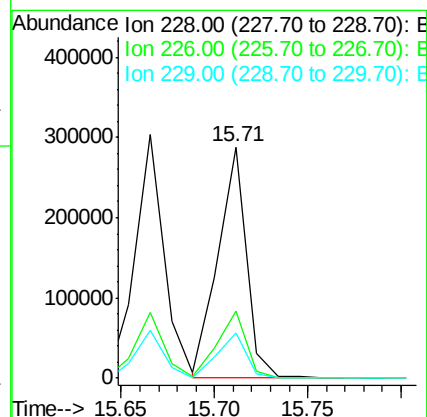
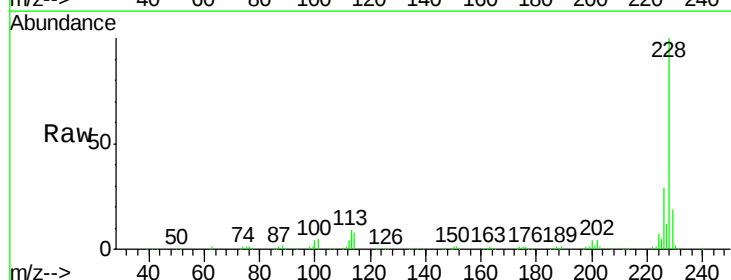
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

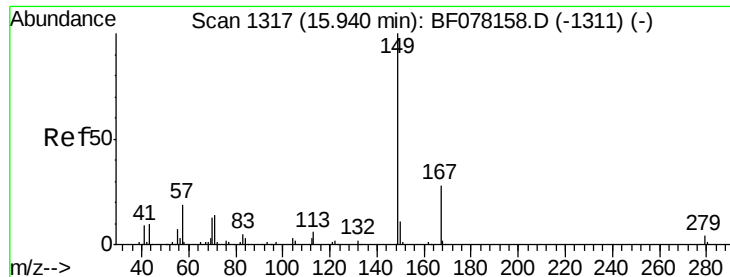
Tgt Ion:252 Resp: 54180  
 Ion Ratio Lower Upper  
 252 100  
 254 63.3 51.2 76.8  
 126 14.8 6.3 9.5#



#82  
 Chrysene  
 Concen: 41.56 ng  
 RT: 15.71 min Scan# 1297  
 Delta R.T. -0.01 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:228 Resp: 306450  
 Ion Ratio Lower Upper  
 228 100  
 226 28.8 24.2 36.4  
 229 19.3 15.8 23.8

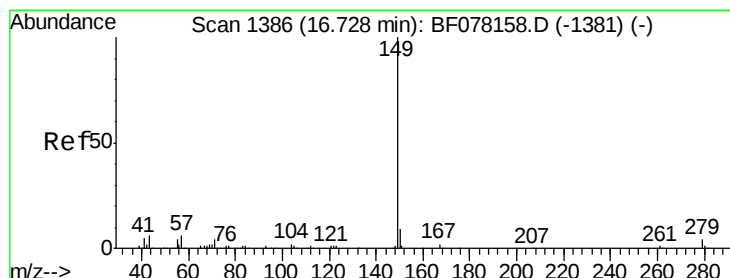
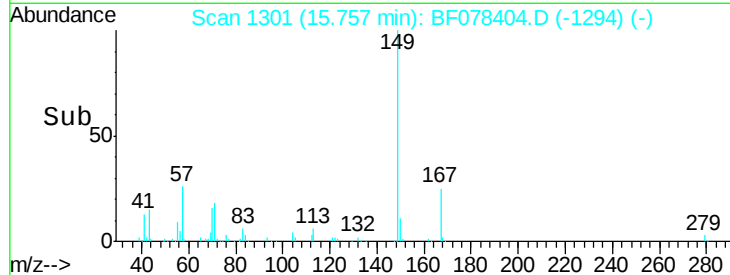
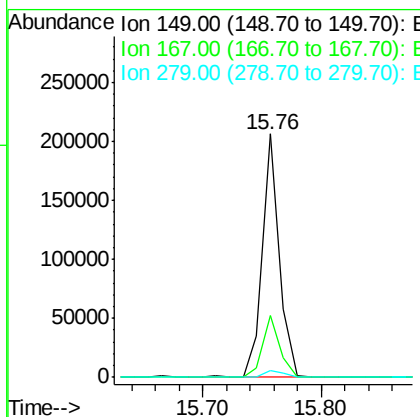
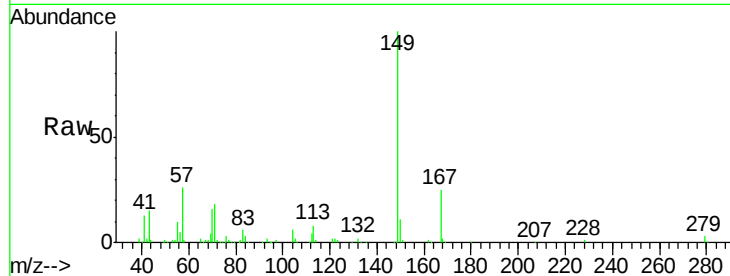




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.06 ng  
 RT: 15.76 min Scan# 1301  
 Delta R.T. -0.02 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

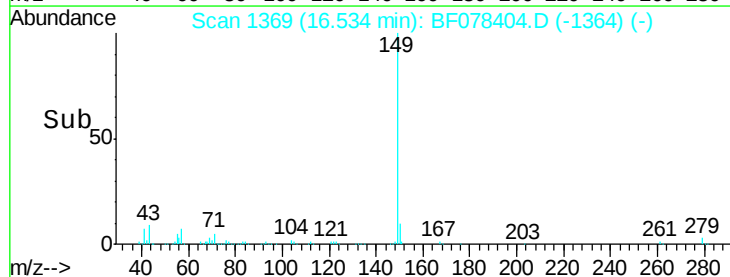
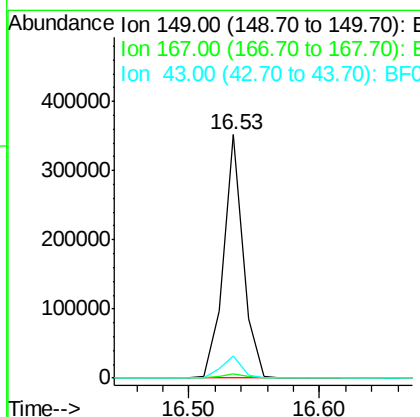
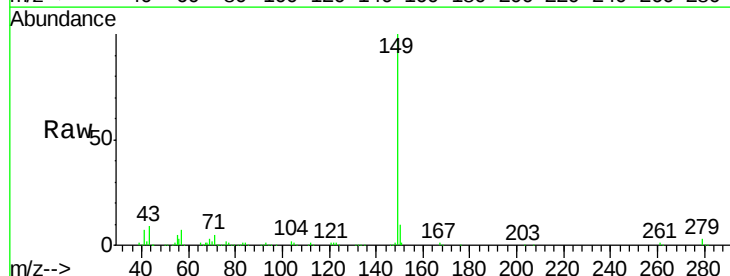
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82621BS

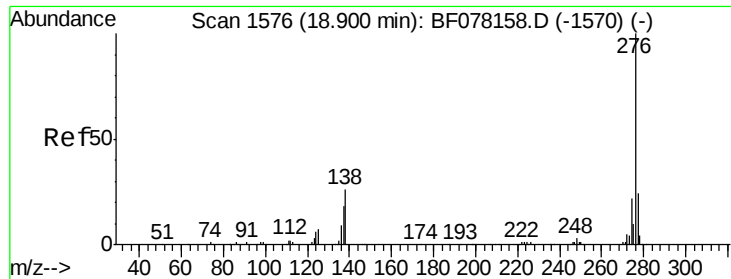
Tgt Ion:149 Resp: 208196  
 Ion Ratio Lower Upper  
 149 100  
 167 25.2 22.2 33.2  
 279 2.6 3.2 4.8#



#84  
 Di-n-octyl phthalate  
 Concen: 45.84 ng  
 RT: 16.53 min Scan# 1369  
 Delta R.T. -0.05 min  
 Lab File: BF078404.D  
 Acq: 10 Apr 2015 17:29

Tgt Ion:149 Resp: 372628  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 0.0 0.0#  
 43 9.3 0.0 0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.03 ng

RT: 18.95 min Scan# 1580

Delta R.T. 0.23 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

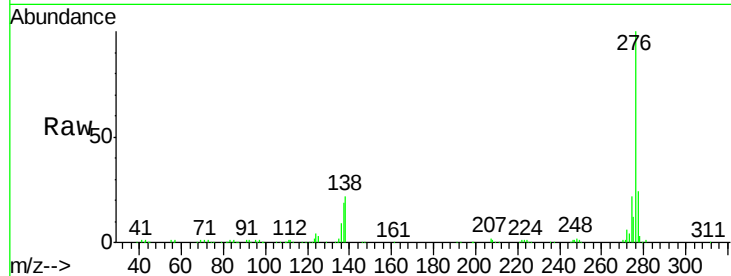
Tgt Ion:276 Resp: 293155

Ion Ratio Lower Upper

276 100

138 25.2 16.9 25.3

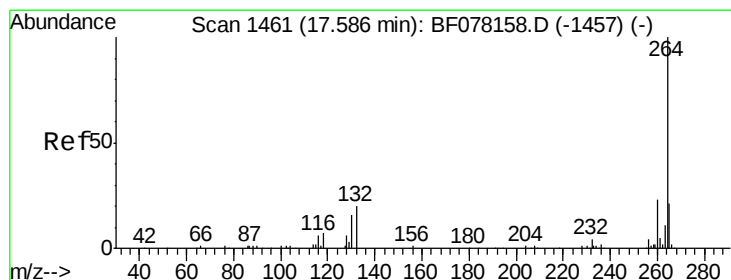
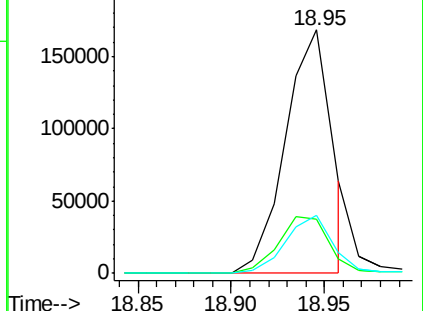
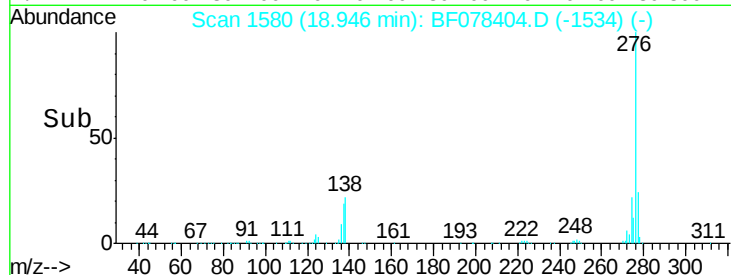
277 23.5 15.8 23.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.36 min Scan# 1441

Delta R.T. -0.09 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

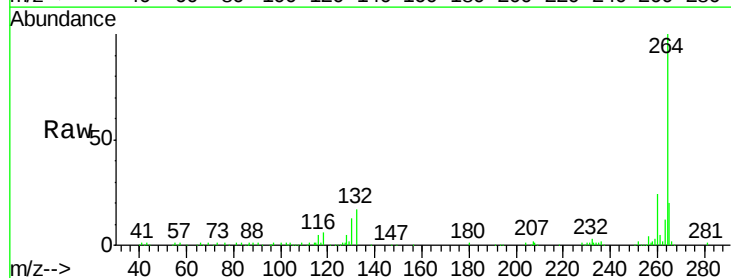
Tgt Ion:264 Resp: 132951

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

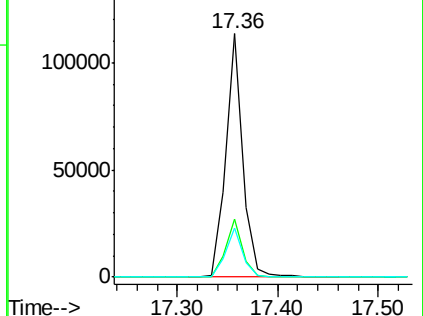
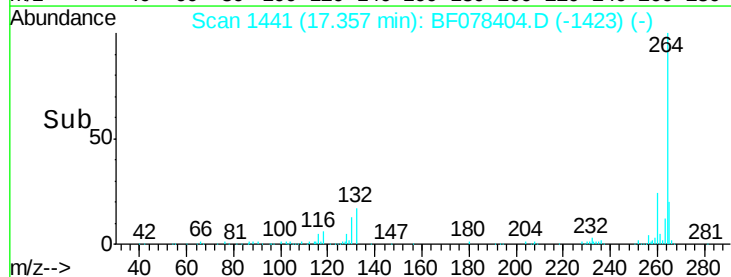
265 20.0 17.0 25.6

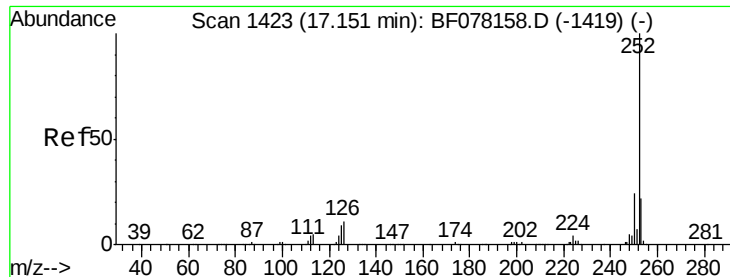


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

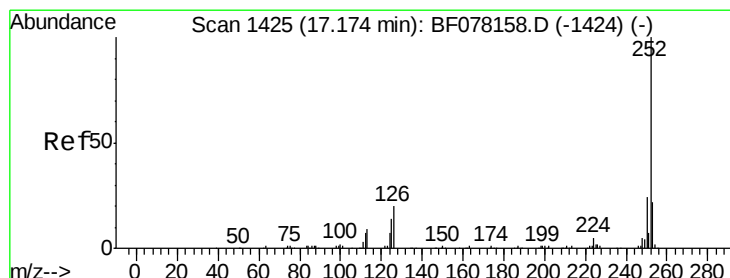
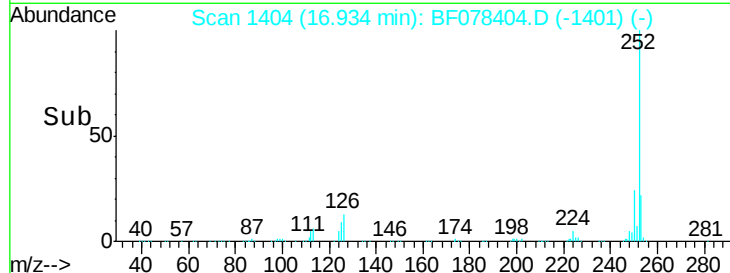
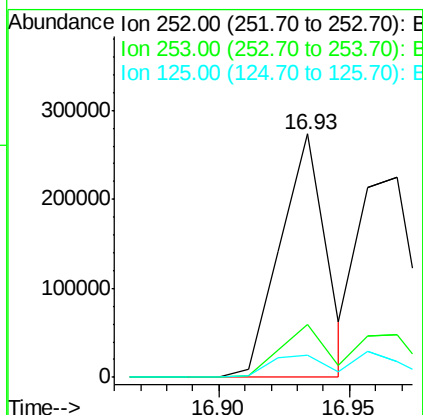
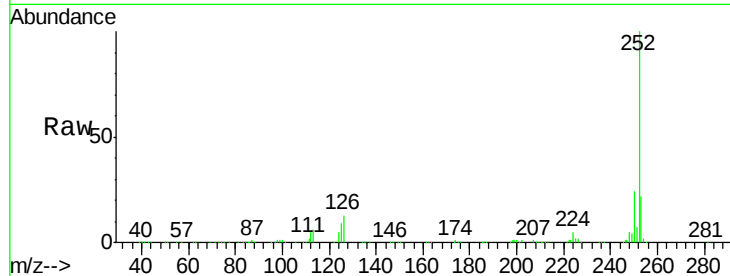




#87  
Benzo(b)fluoranthene  
Concen: 40.59 ng  
RT: 16.93 min Scan# 1404  
Delta R.T. -0.07 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

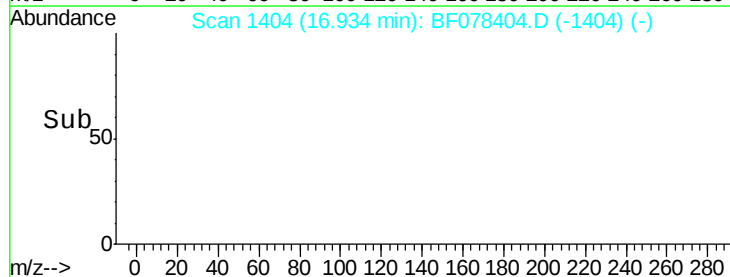
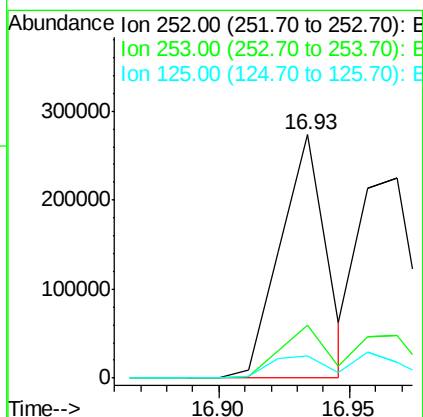
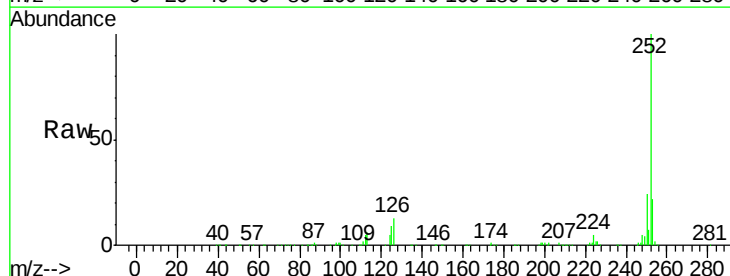
Instrument :  
BNA\_F  
ClientSampleId :  
PB82621BS

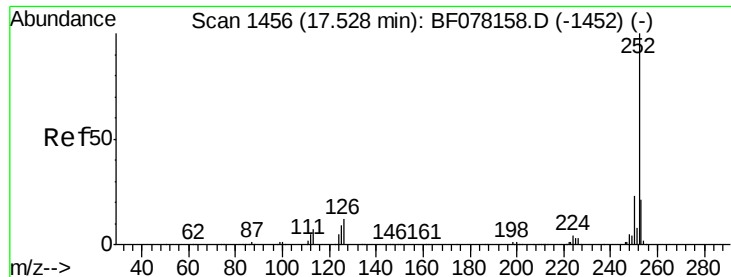
Tgt Ion:252 Resp: 333561  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.2 25.8  
125 9.4 7.0 10.4



#88  
Benzo(k)fluoranthene  
Concen: 45.68 ng  
RT: 16.93 min Scan# 1404  
Delta R.T. -0.10 min  
Lab File: BF078404.D  
Acq: 10 Apr 2015 17:29

Tgt Ion:252 Resp: 333561  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 9.4 11.6 17.4#





#89

Benzo(a)pyrene

Concen: 44.99 ng

RT: 17.30 min Scan# 1436

Delta R.T. -0.08 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

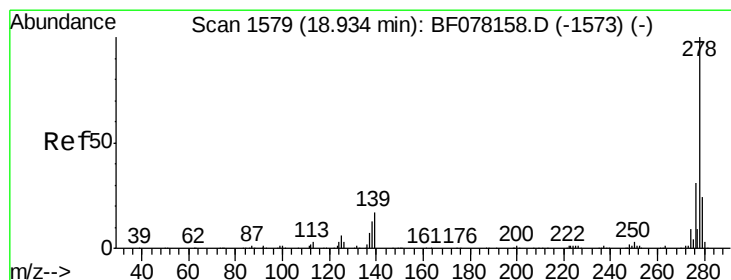
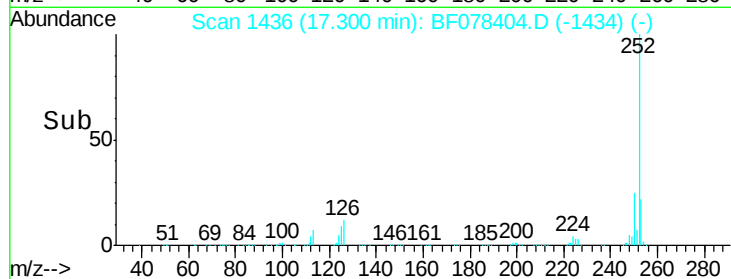
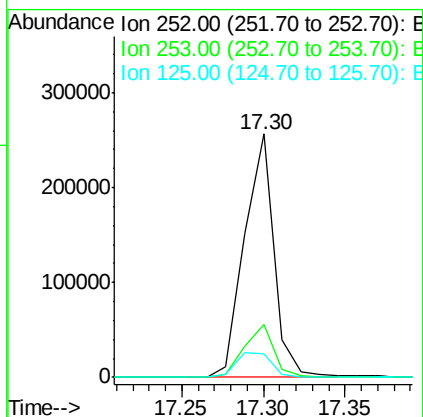
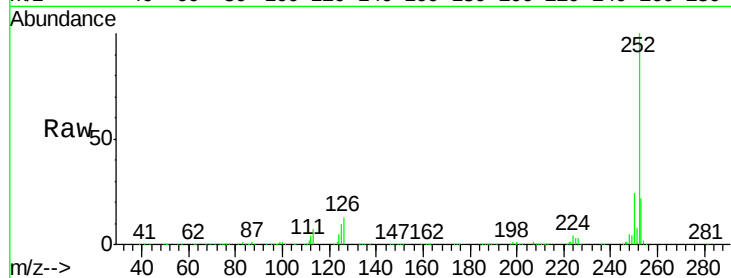
Instrument :

BNA\_F

ClientSampleId :

PB82621BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 322597 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 21.8  | 16.8  | 25.2   |
| 125      | 9.7   | 7.4   | 11.0   |



#90

Dibenzo(a,h)anthracene

Concen: 41.51 ng

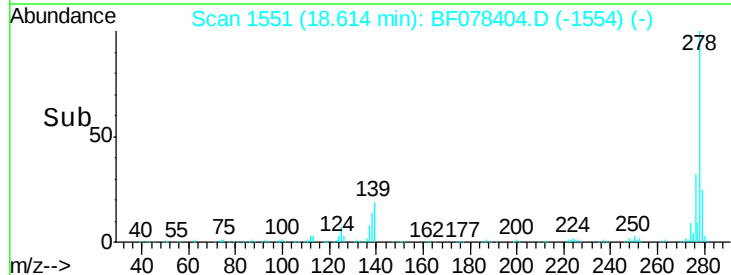
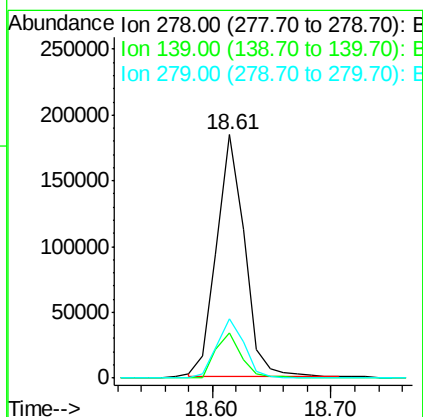
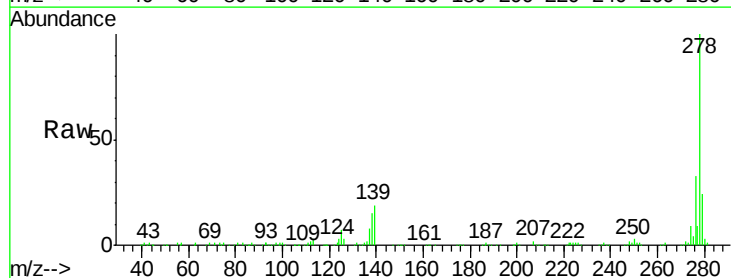
RT: 18.61 min Scan# 1551

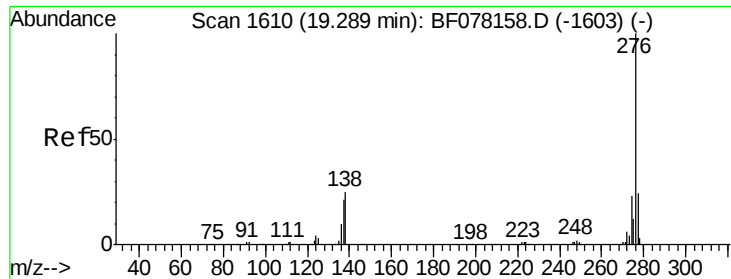
Delta R.T. -0.14 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 298031 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 18.6  | 13.6  | 20.4   |
| 279      | 24.4  | 19.0  | 28.6   |





#91

Benzo(g,h,i)perylene

Concen: 41.09 ng

RT: 18.95 min Scan# 1580

Delta R.T. -0.14 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA\_F

ClientSampleId :

PB82621BS

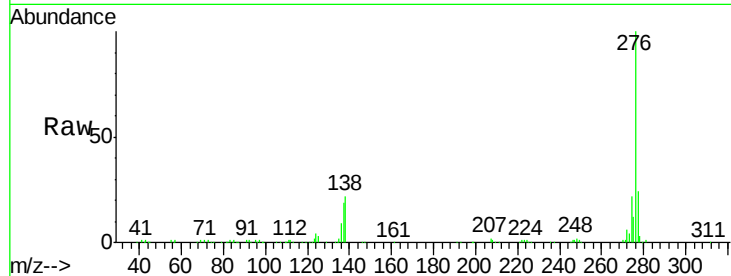
Tgt Ion: 276 Resp: 295759

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 22.3 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

