

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\  
 Data File : BF080968.D  
 Acq On : 11 Aug 2015 18:34  
 Operator : UM/IZ  
 Sample : PB84929BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

Quant Time: Aug 12 00:37:02 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 08 01:33:05 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.78  | 152  | 64112    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.08  | 136  | 241131   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.82  | 164  | 113084   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.30 | 188  | 226922   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.93 | 240  | 181872   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 15.32 | 264  | 191085   | 20.00 | ng    | -0.03    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.39  | 112 | 448002 | 114.17 | ng | 0.01  |
| 7) Phenol-d6                | 6.43  | 99  | 679458 | 126.36 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.36  | 82  | 432277 | 84.80  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 10.61 | 330 | 145531 | 117.14 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 9.15  | 172 | 579625 | 72.16  | ng | -0.02 |
| 78) Terphenyl-d14           | 12.89 | 244 | 762380 | 86.58  | ng | -0.02 |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.44 | 88  | 60013  | 32.24  | ng | 98   |
| 3) Pyridine                    | 3.13 | 79  | 153095 | 29.01  | ng | 93   |
| 4) n-Nitrosodimethylamine      | 3.08 | 42  | 95031  | 35.27  | ng | 91   |
| 6) Aniline                     | 6.45 | 93  | 203151 | 25.72  | ng | 94   |
| 8) 2-Chlorophenol              | 6.57 | 128 | 160160 | 35.27  | ng | # 82 |
| 9) Benzaldehyde                | 6.33 | 77  | 128603 | 35.48  | ng | 96   |
| 10) Phenol                     | 6.44 | 94  | 258575 | 40.53  | ng | 81   |
| 11) bis(2-Chloroethyl)ether    | 6.52 | 93  | 162559 | 34.13  | ng | 93   |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 173924 | 36.09  | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 173729 | 34.70  | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 164281 | 36.29  | ng | 99   |
| 15) Benzyl Alcohol             | 6.93 | 79  | 156709 | 35.61  | ng | 93   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 324846 | 33.90  | ng | 99   |
| 17) 2-Methylphenol             | 7.05 | 107 | 143189 | 36.95  | ng | # 93 |
| 18) Hexachloroethane           | 7.30 | 117 | 66869  | 34.86  | ng | 95   |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 127723 | 32.50  | ng | 98   |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 182518 | 37.49  | ng | # 76 |
| 22) Acetophenone               | 7.20 | 105 | 237722 | 40.23  | ng | # 96 |
| 24) Nitrobenzene               | 7.37 | 77  | 181886 | 34.65  | ng | 98   |
| 25) Isophorone                 | 7.62 | 82  | 354618 | 36.17  | ng | 99   |
| 26) 2-Nitrophenol              | 7.69 | 139 | 82875  | 37.52  | ng | 97   |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 167399 | 40.49  | ng | 96   |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 200594 | 34.08  | ng | 98   |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 127611 | 37.56  | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 137614 | 37.06  | ng | 98   |
| 31) Naphthalene                | 8.09 | 128 | 456213 | 34.32  | ng | 99   |
| 32) Benzoic acid               | 7.86 | 122 | 88113  | 35.60  | ng | 94   |
| 33) 4-Chloroaniline            | 8.14 | 127 | 106376 | 19.69  | ng | 94   |
| 34) Hexachlorobutadiene        | 8.21 | 225 | 77888  | 35.25  | ng | 98   |
| 35) Caprolactam                | 8.52 | 113 | 29016  | 23.74  | ng | 99   |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 153484 | 37.02  | ng | 91   |
| 37) 2-Methylnaphthalene        | 8.78 | 142 | 282432 | 33.38  | ng | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 115580 | 33.15  | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 8.94 | 237 | 160225 | 84.23  | ng | 99   |

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 Sample : PB84929BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

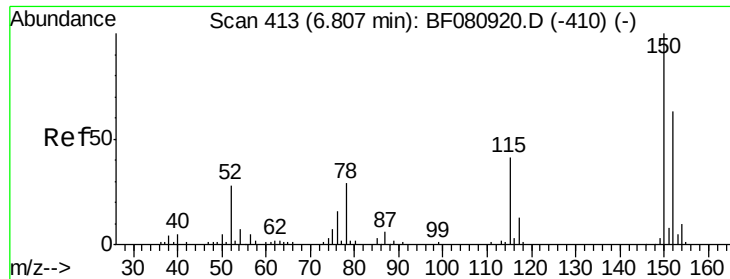
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

Quant Time: Aug 12 00:37:02 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 08 01:33:05 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.07  | 196  | 84307    | 33.00 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.10  | 196  | 92277    | 35.84 | nq #  | 87       |
| 45) 1,1'-Biphenyl              | 9.25  | 154  | 358174   | 36.91 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.28  | 162  | 266390   | 35.21 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.37  | 65   | 106186   | 35.00 | nq    | 96       |
| 48) Acenaphthylene             | 9.69  | 152  | 447248   | 34.00 | nq    | 100      |
| 49) Dimethylphthalate          | 9.56  | 163  | 310060   | 33.01 | nq #  | 98       |
| 50) 2,6-Dinitrotoluene         | 9.62  | 165  | 67941    | 35.01 | nq #  | 46       |
| 51) Acenaphthene               | 9.86  | 154  | 306077   | 37.99 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.78  | 138  | 55008    | 22.99 | nq    | 100      |
| 53) 2,4-Dinitrophenol          | 9.88  | 184  | 49135    | 44.62 | nq #  | 75       |
| 54) Dibenzofuran               | 10.03 | 168  | 400215   | 36.74 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.95  | 139  | 134340   | 75.01 | nq #  | 73       |
| 56) 2,4-Dinitrotoluene         | 10.02 | 165  | 100816   | 38.82 | nq #  | 68       |
| 57) Fluorene                   | 10.37 | 166  | 328807   | 39.02 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.11 | 232  | 70383    | 34.54 | nq    | 100      |
| 59) Diethylphthalate           | 10.26 | 149  | 356279   | 36.44 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.36 | 204  | 130785   | 31.85 | nq    | 98       |
| 61) 4-Nitroaniline             | 10.40 | 138  | 83478    | 33.91 | nq    | 98       |
| 62) Azobenzene                 | 10.52 | 77   | 378608   | 34.63 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.42 | 198  | 40775    | 28.99 | nq #  | 72       |
| 65) n-Nitrosodiphenylamine     | 10.49 | 169  | 290289   | 36.82 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.85 | 248  | 89222    | 37.12 | nq    | 95       |
| 67) Hexachlorobenzene          | 10.91 | 284  | 89762    | 33.59 | nq #  | 61       |
| 68) Atrazine                   | 11.01 | 200  | 85581    | 37.02 | nq    | 99       |
| 69) Pentachlorophenol          | 11.10 | 266  | 104839   | 67.48 | nq    | 97       |
| 70) Phenanthrene               | 11.32 | 178  | 445916   | 34.70 | nq    | 99       |
| 71) Anthracene                 | 11.38 | 178  | 486830   | 38.27 | nq    | 99       |
| 72) Carbazole                  | 11.53 | 167  | 421850   | 34.06 | nq #  | 96       |
| 73) Di-n-butylphthalate        | 11.87 | 149  | 609204   | 39.34 | nq    | 99       |
| 74) Fluoranthene               | 12.51 | 202  | 535027   | 38.52 | nq    | 96       |
| 76) Benzidine                  | 12.64 | 184  | 353726   | 54.45 | nq    | 97       |
| 77) Pyrene                     | 12.74 | 202  | 529482   | 39.41 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.36 | 149  | 246389   | 38.04 | nq #  | 68       |
| 80) Benzo(a)anthracene         | 13.92 | 228  | 422354   | 36.76 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.88 | 252  | 71932    | 17.21 | nq #  | 98       |
| 82) Chrysene                   | 13.95 | 228  | 367890   | 33.44 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.92 | 149  | 297935   | 33.06 | nq #  | 95       |
| 84) Di-n-octyl phthalate       | 14.52 | 149  | 526429   | 34.45 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.67 | 276  | 373685   | 35.70 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 14.96 | 252  | 890204   | 67.00 | nq #  | 97       |
| 88) Benzo(k)fluoranthene       | 14.96 | 252  | 890204   | 76.58 | nq    | 100      |
| 89) Benzo(a)pyrene             | 15.27 | 252  | 429108   | 37.57 | nq #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 16.68 | 278  | 306720   | 30.37 | nq    | 100      |
| 91) Benzo(g,h,i)perylene       | 17.07 | 276  | 305055   | 31.05 | nq    | 96       |

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



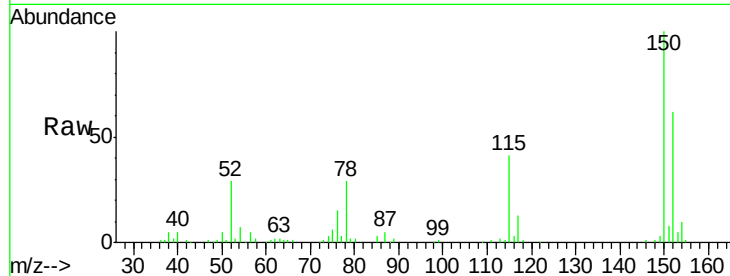


#1

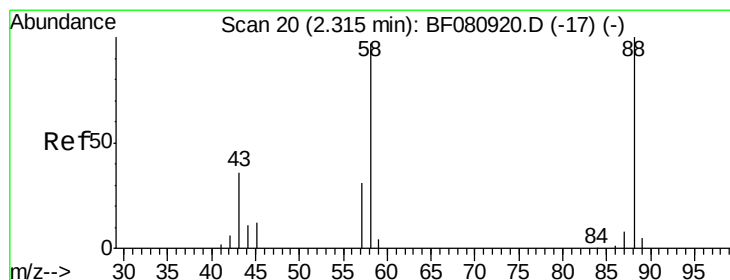
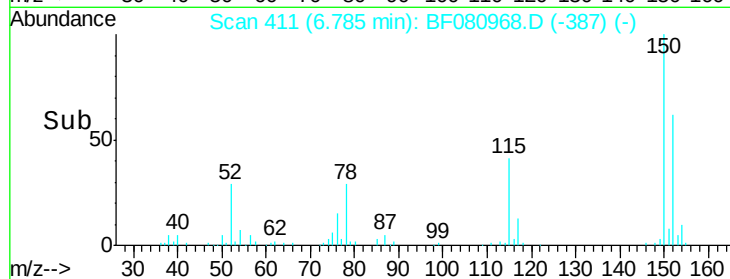
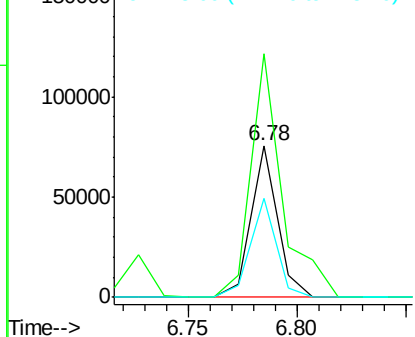
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.78 min Scan# 411  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

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Tot Ion:152 Resp: 64112  
Ion Ratio Lower Upper  
152 100  
150 160.5 127.4 191.2  
115 65.5 52.6 78.8



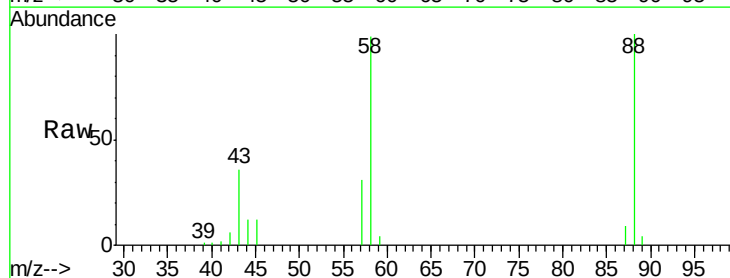
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



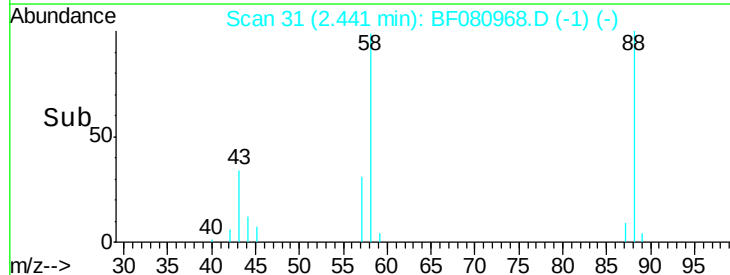
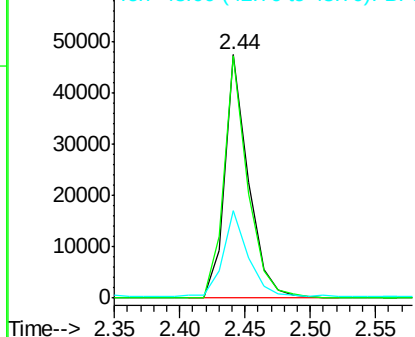
#2

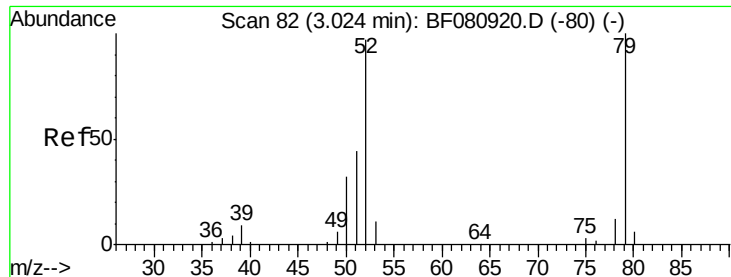
1,4-Dioxane  
Concen: 32.24 ng  
RT: 2.44 min Scan# 31  
Delta R.T. 0.13 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion: 88 Resp: 60013  
Ion Ratio Lower Upper  
88 100  
58 100.2 79.3 118.9  
43 37.4 28.3 42.5



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





#3

Pvridine

Concen: 29.01 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.10 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

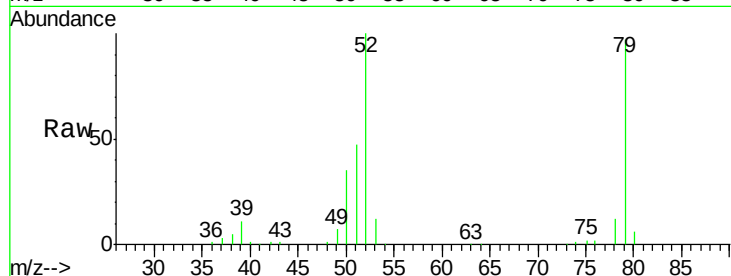
Tot Ion: 79 Resp: 153095

Ion Ratio Lower Upper

79 100

52 103.1 77.2 115.8

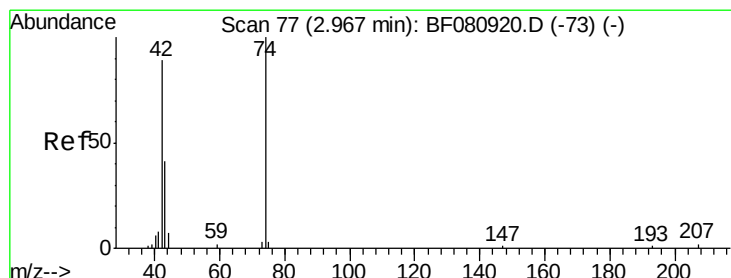
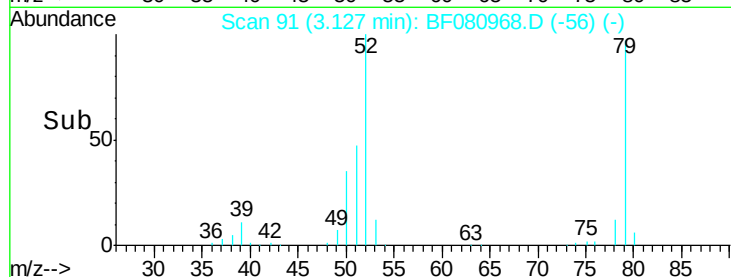
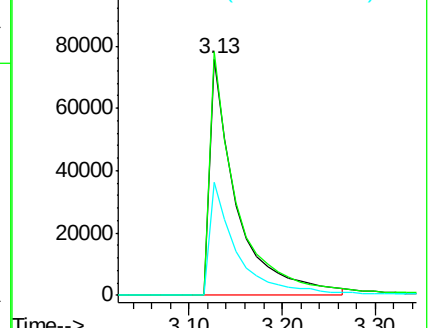
51 48.1 35.0 52.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.27 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.11 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

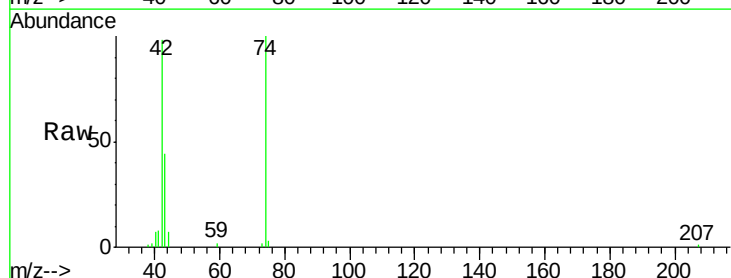
Tgt Ion: 42 Resp: 95031

Ion Ratio Lower Upper

42 100

74 101.7 89.8 134.8

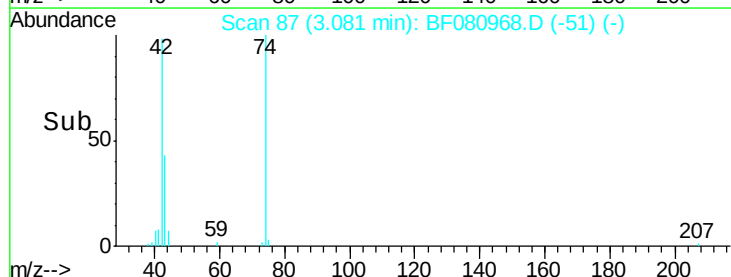
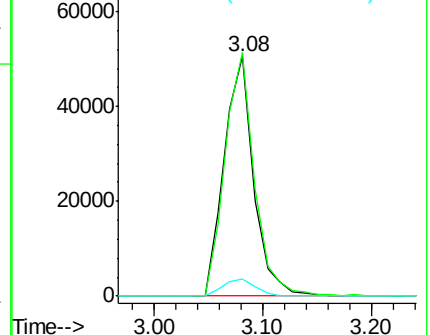
44 7.3 6.5 9.7

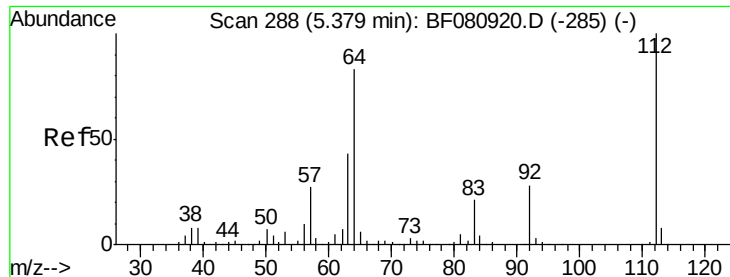


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.17 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

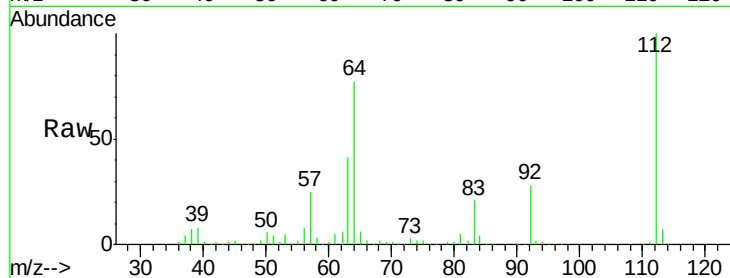
Tot Ion:112 Resp: 448002

Ion Ratio Lower Upper

112 100

64 76.9 66.1 99.1

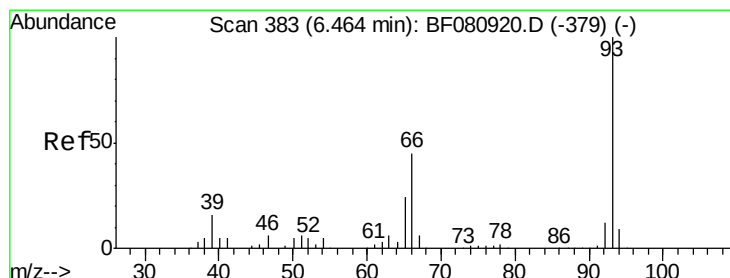
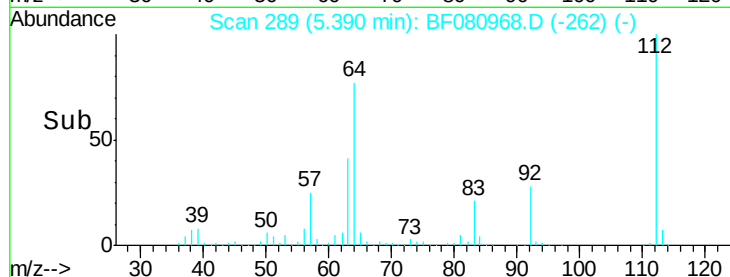
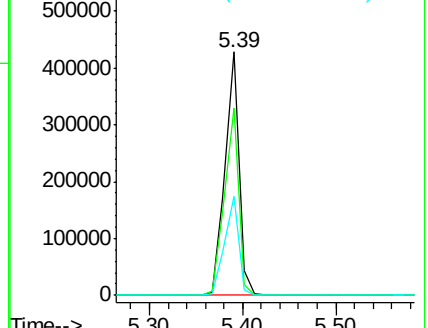
63 40.8 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.72 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

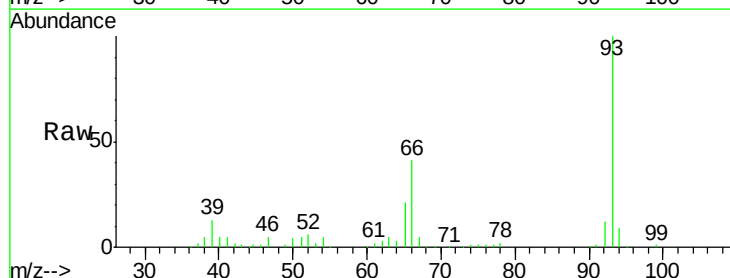
Tgt Ion: 93 Resp: 203151

Ion Ratio Lower Upper

93 100

66 41.2 36.2 54.4

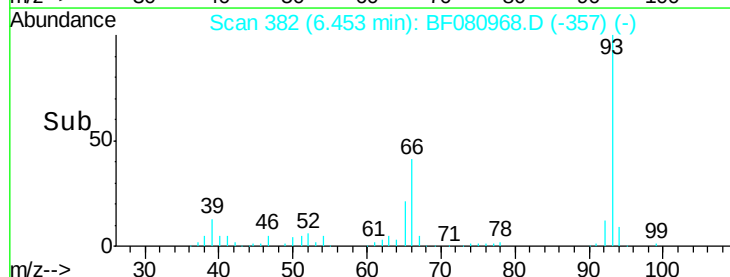
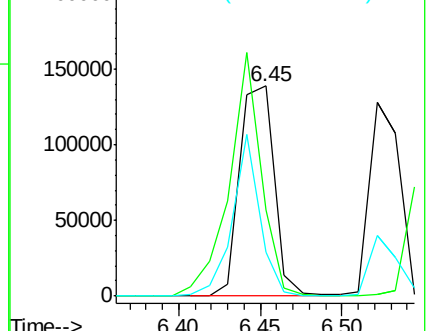
65 20.7 19.0 28.4

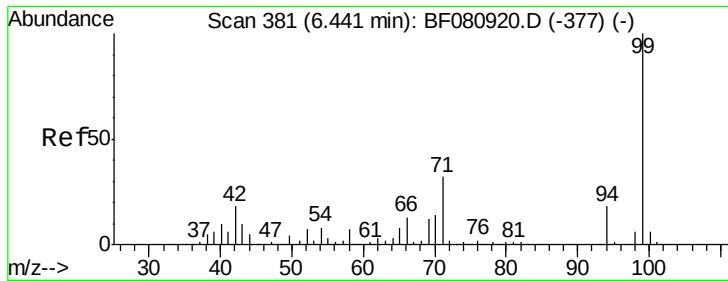


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.36 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

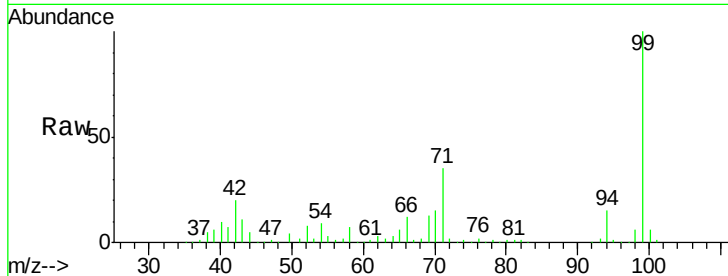
Tot Ion: 99 Resp: 679458

Ion Ratio Lower Upper

99 100

42 20.0 14.4 21.6

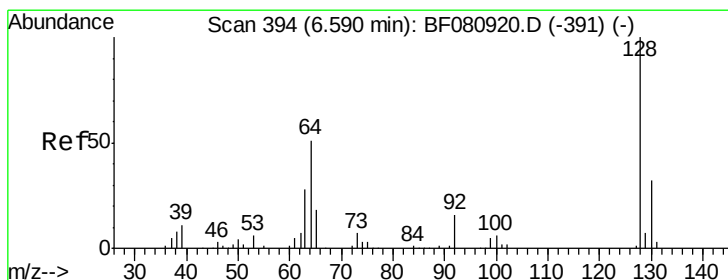
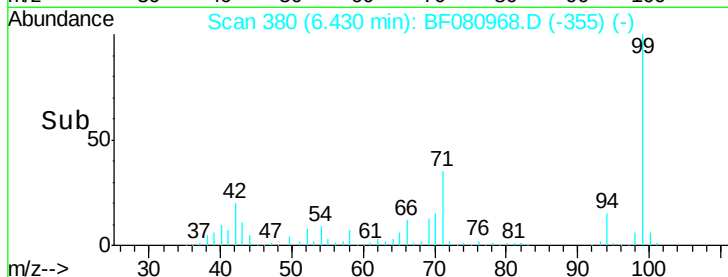
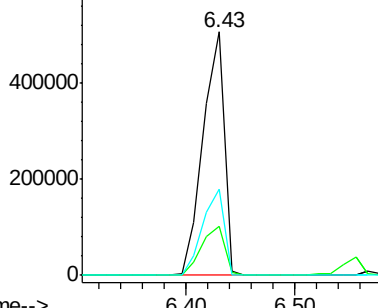
71 35.2 25.8 38.8



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: 35.27 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

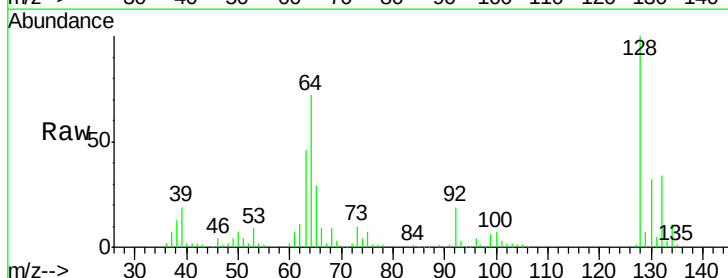
Tgt Ion: 128 Resp: 160160

Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

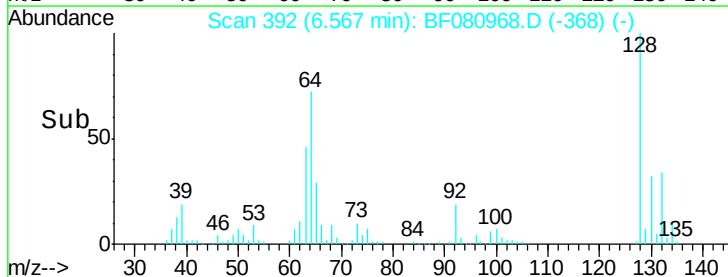
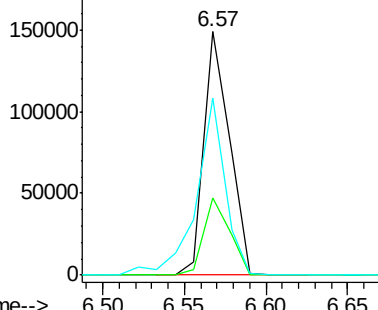
64 72.5 32.1 72.1#



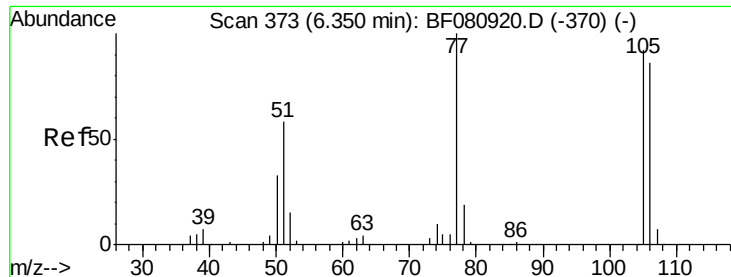
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 35.48 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

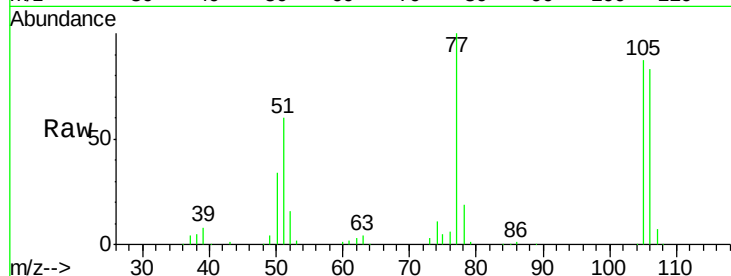
Tot Ion: 77 Resp: 128603

Ion Ratio Lower Upper

77 100

105 87.0 71.6 111.6

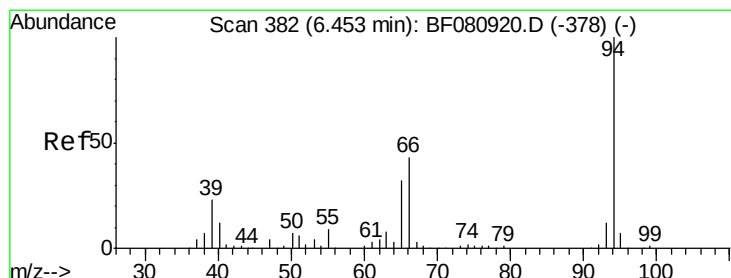
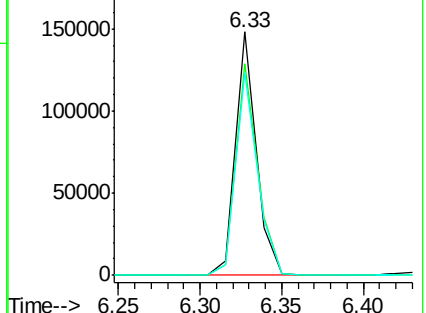
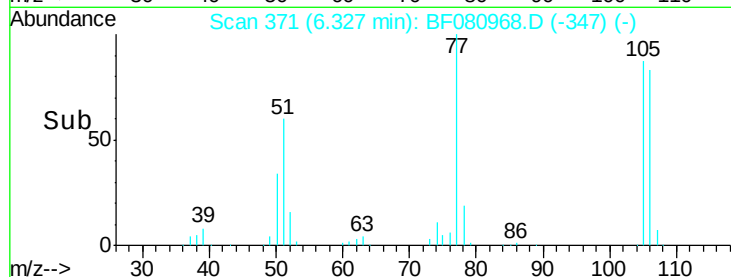
106 83.0 65.7 105.7



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: 40.53 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

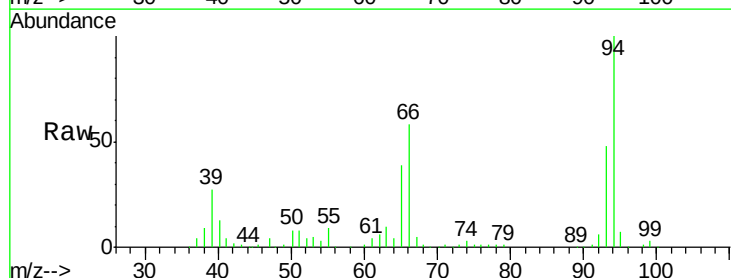
Tgt Ion: 94 Resp: 258575

Ion Ratio Lower Upper

94 100

65 38.6 11.8 51.8

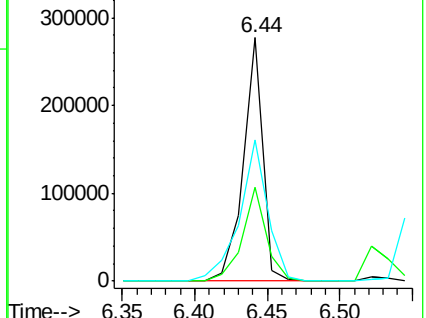
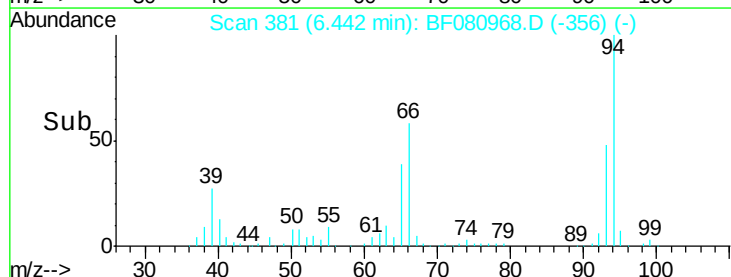
66 58.0 22.9 62.9



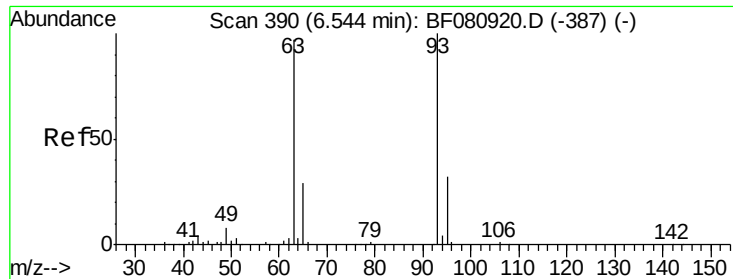
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



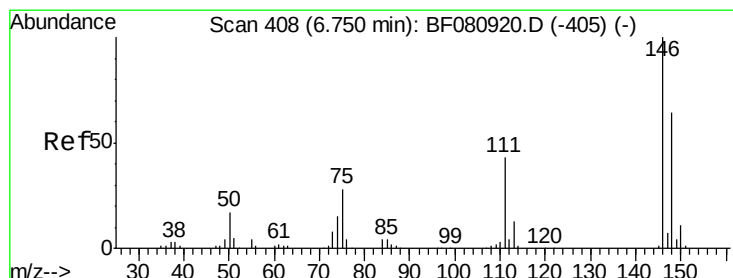
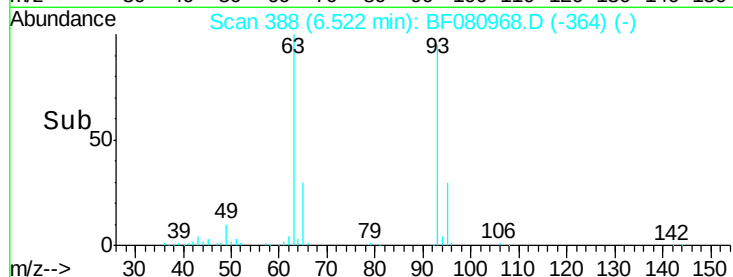
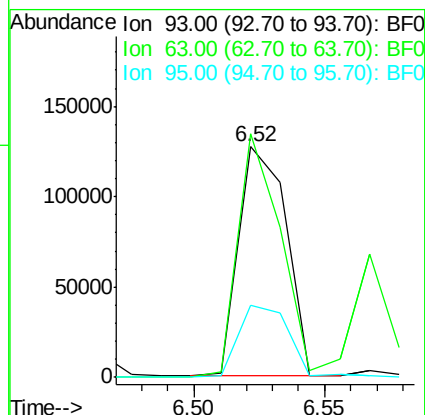
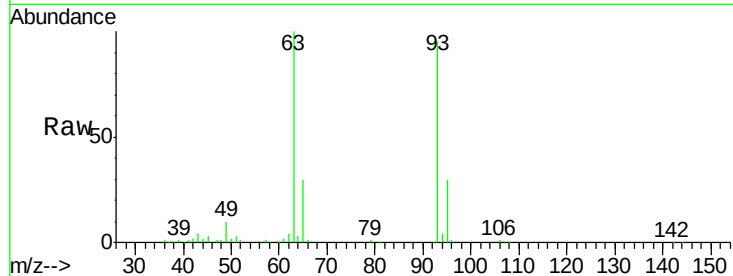




#11  
bis(2-Chloroethyl)ether  
Concen: 34.13 ng  
RT: 6.52 min Scan# 388  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

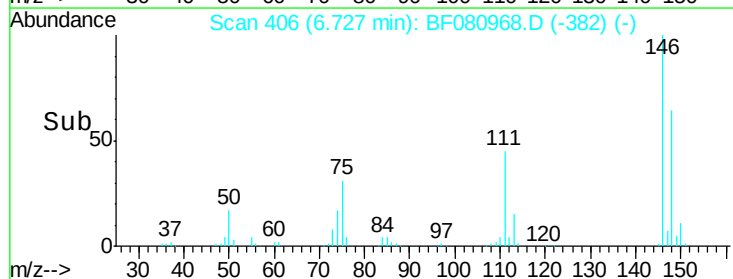
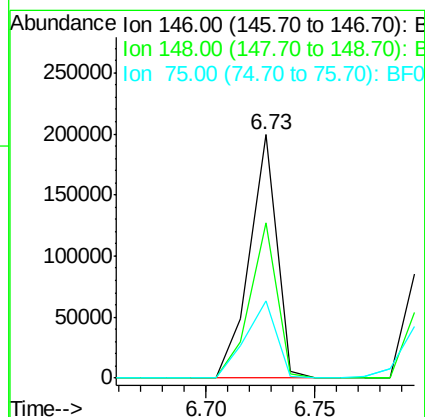
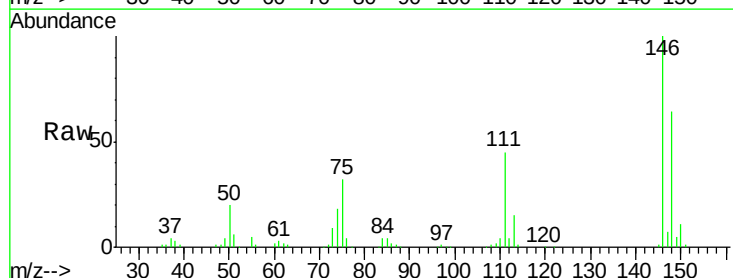
Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

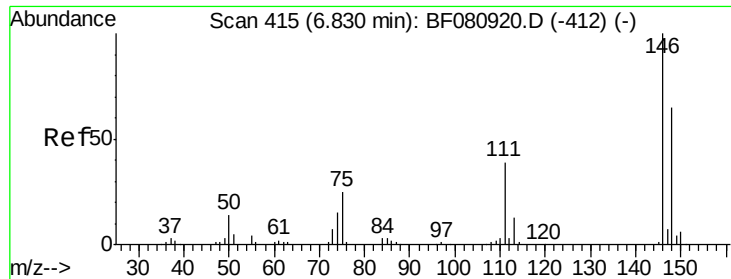
Tot Ion: 93 Resp: 162559  
Ion Ratio Lower Upper  
93 100  
63 105.6 76.7 116.7  
95 31.5 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 36.09 ng  
RT: 6.73 min Scan# 406  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion: 146 Resp: 173924  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.4 77.0  
75 31.7 22.2 33.4

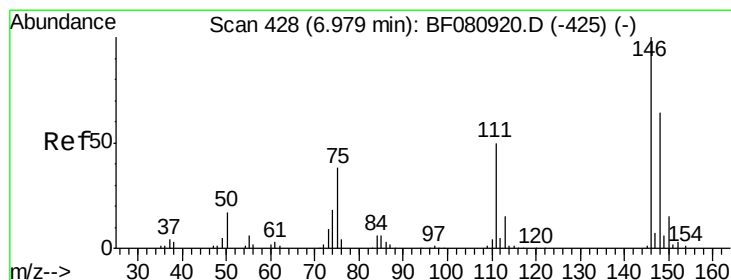
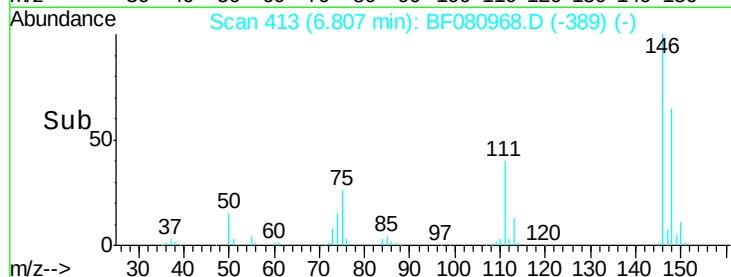
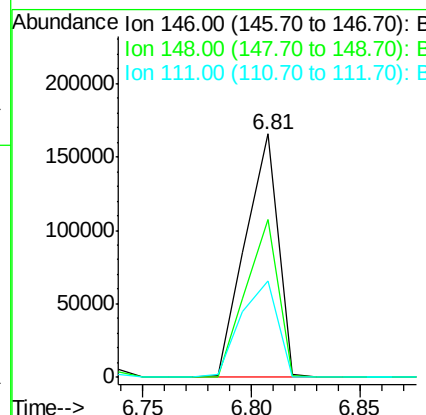
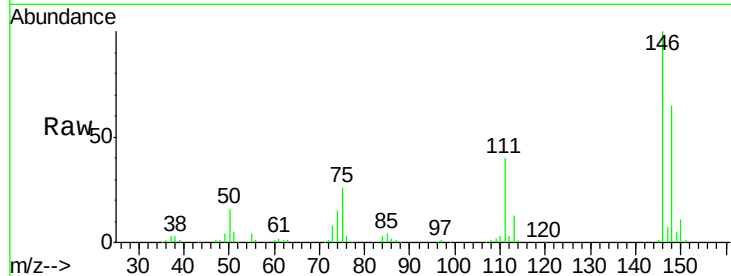




#13  
 1,4-Dichlorobenzene  
 Concen: 34.70 ng  
 RT: 6.81 min Scan# 413  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

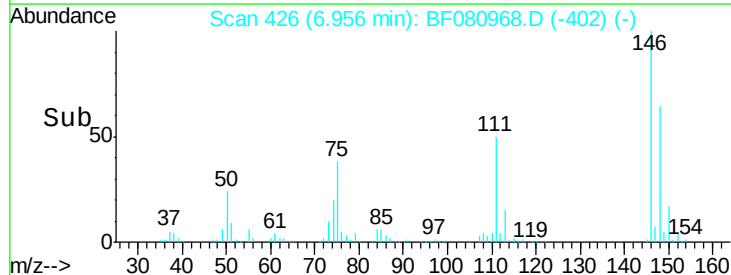
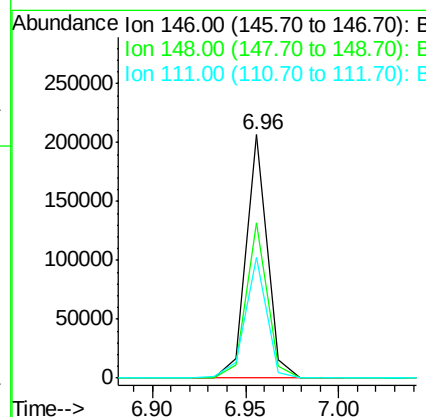
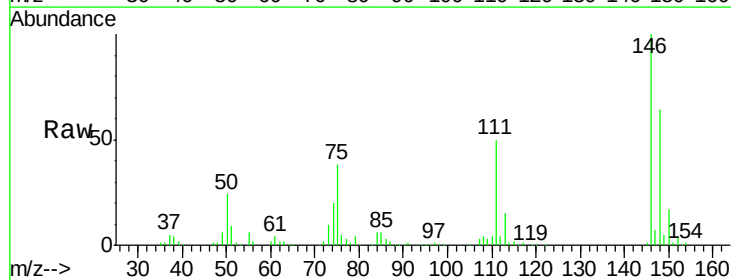
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

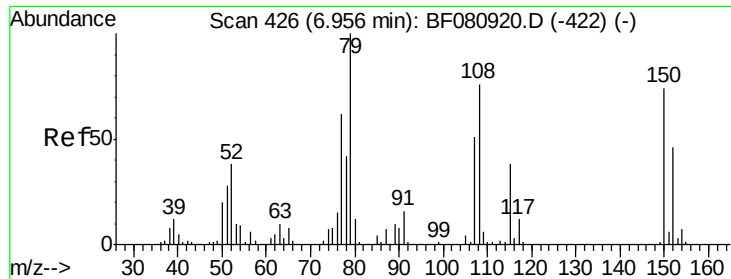
Tot Ion:146 Resp: 173729  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 52.2 78.4  
 111 39.7 31.5 47.3



#14  
 1,2-Dichlorobenzene  
 Concen: 36.29 ng  
 RT: 6.96 min Scan# 426  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Tgt Ion:146 Resp: 164281  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 51.1 76.7  
 111 49.5 40.0 60.0

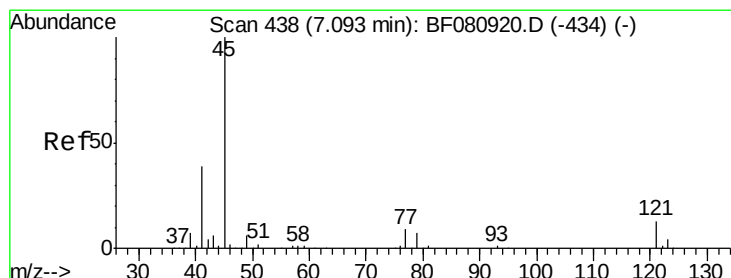
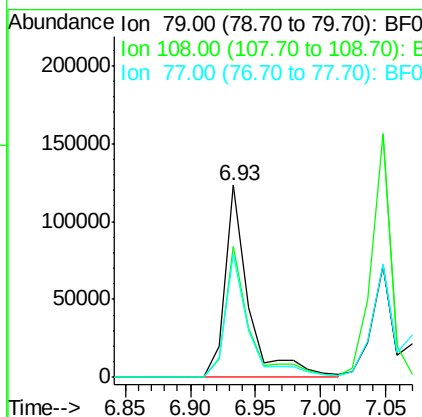
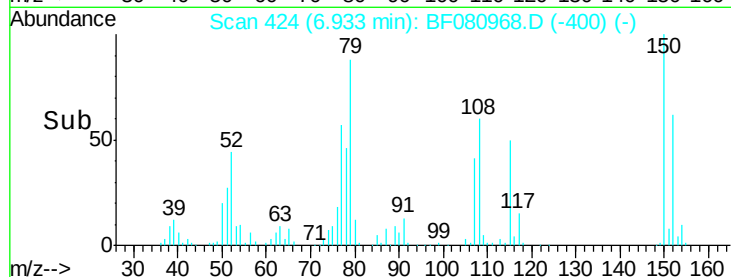
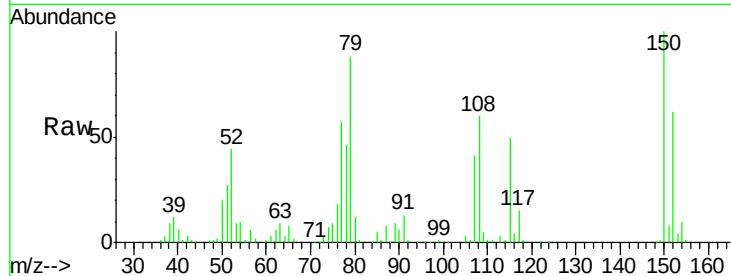




#15  
Benzyl Alcohol  
Concen: 35.61 ng  
RT: 6.93 min Scan# 424  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

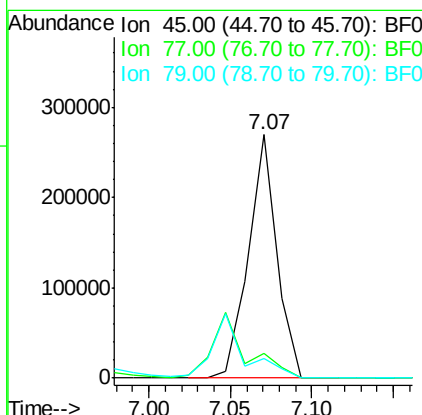
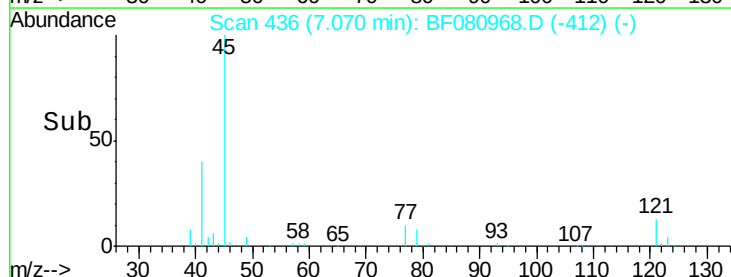
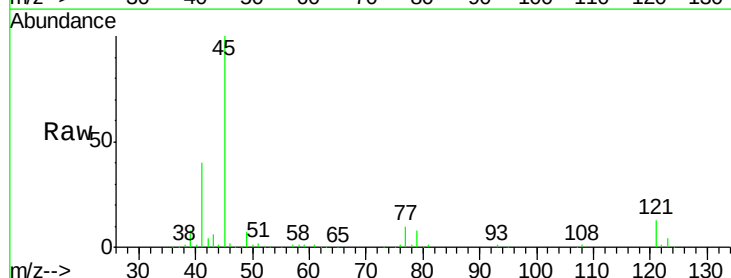
Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

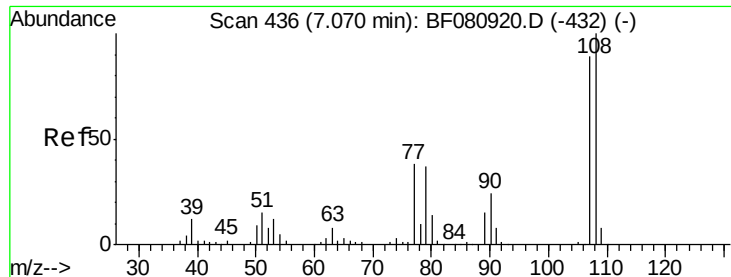
Tot Ion: 79 Resp: 156709  
Ion Ratio Lower Upper  
79 100  
108 68.1 60.9 91.3  
77 64.3 49.4 74.0



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 33.90 ng  
RT: 7.07 min Scan# 436  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion: 45 Resp: 324846  
Ion Ratio Lower Upper  
45 100  
77 10.2 0.0 29.6  
79 8.0 0.0 27.7





#17

2-Methylphenol

Concen: 36.95 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

Tot Ion:107 Resp: 143189

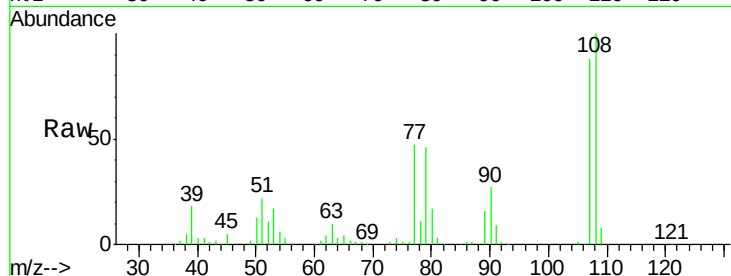
Ion Ratio Lower Upper

107 100

108 113.2 90.3 135.5

77 52.8 34.6 51.8#

79 51.8 33.6 50.4#

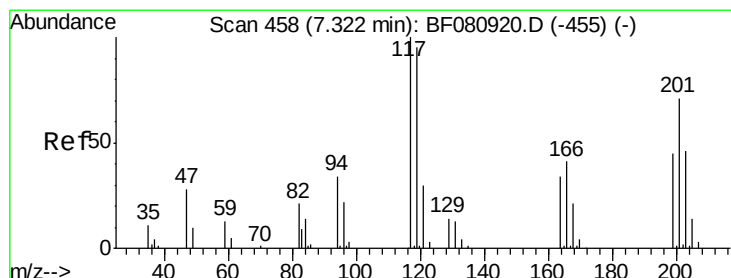
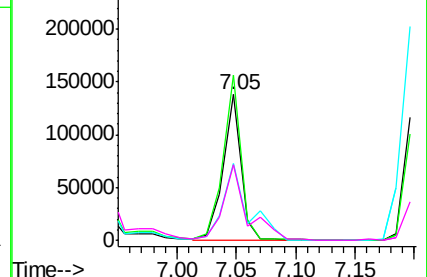
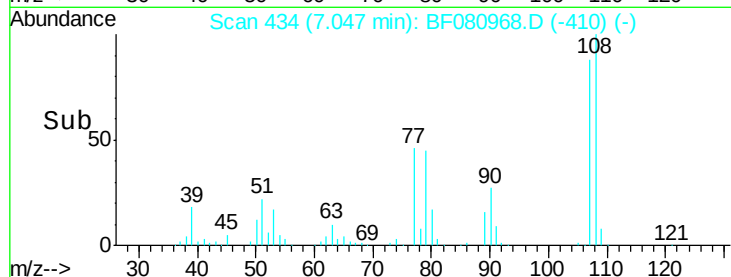


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.86 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

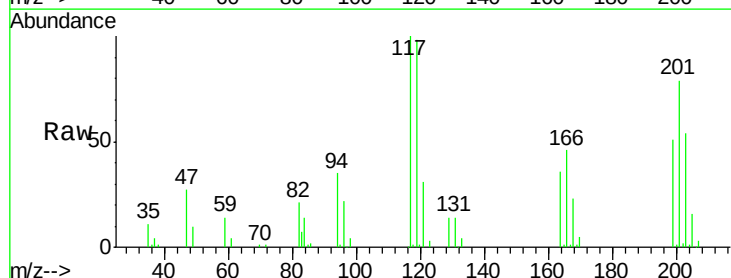
Tgt Ion:117 Resp: 66869

Ion Ratio Lower Upper

117 100

119 97.5 76.3 114.5

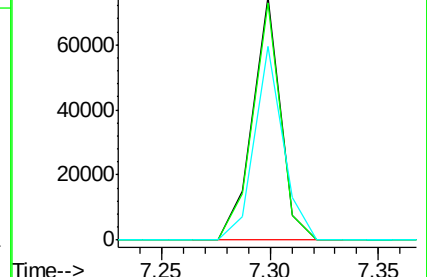
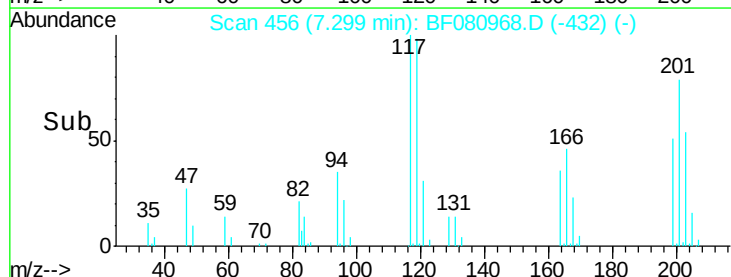
201 79.5 57.0 85.6

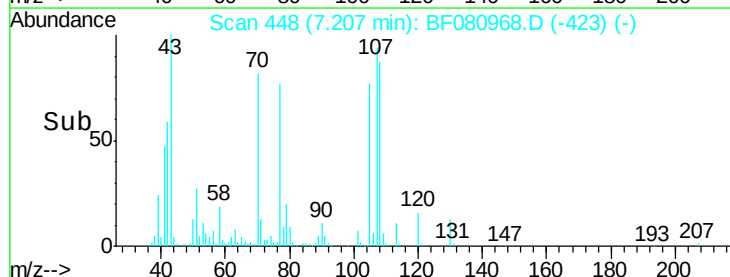
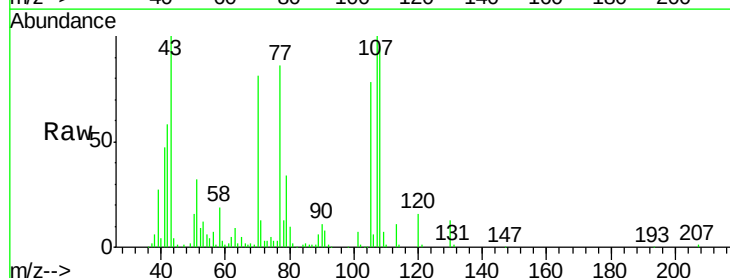
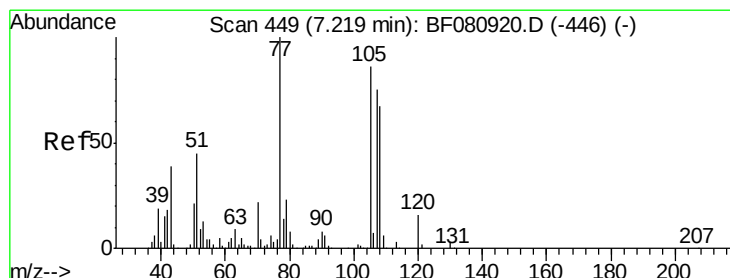
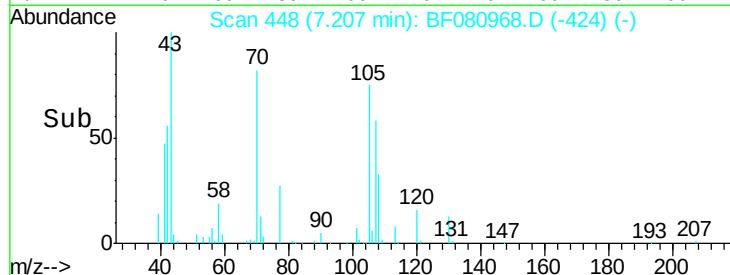
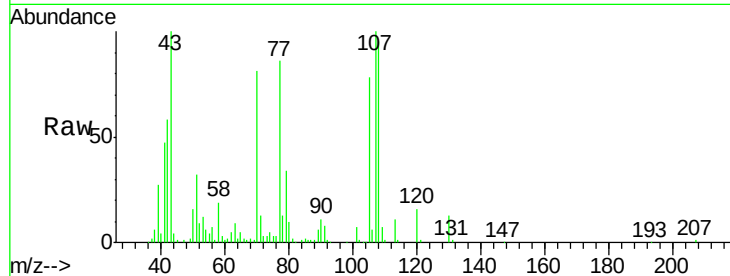
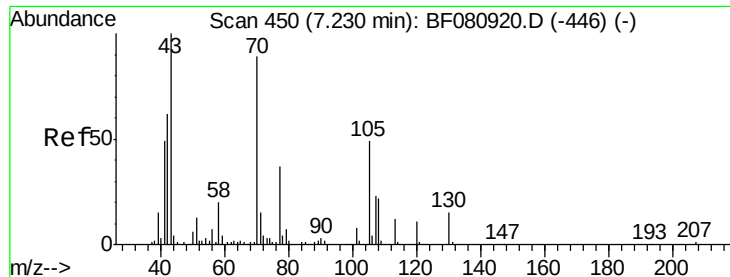


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

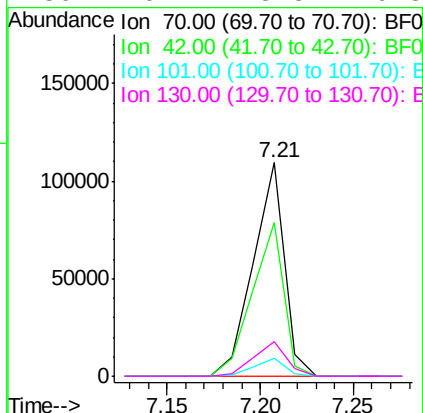




#19  
n-Nitroso-di-n-propylamine  
Concen: 32.50 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

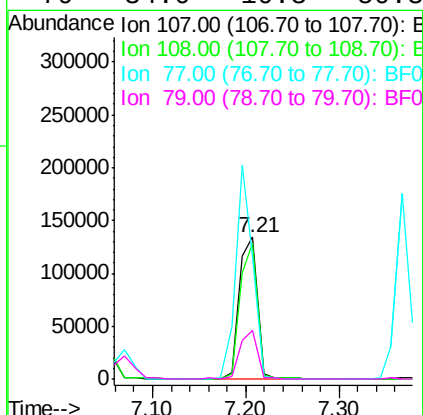
Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

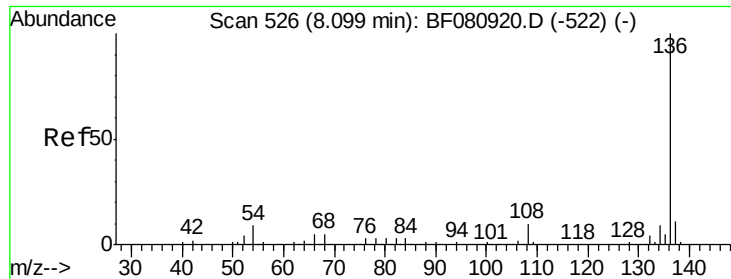
Tot Ion: 70 Resp: 127723  
Ion Ratio Lower Upper  
70 100  
42 71.7 55.7 83.5  
101 8.4 7.0 10.6  
130 16.4 13.8 20.8



#20  
3+4-Methylphenols  
Concen: 37.49 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.01 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion: 107 Resp: 182518  
Ion Ratio Lower Upper  
107 100  
108 95.3 69.2 109.2  
77 86.4 113.0 153.0#  
79 34.0 10.3 50.3

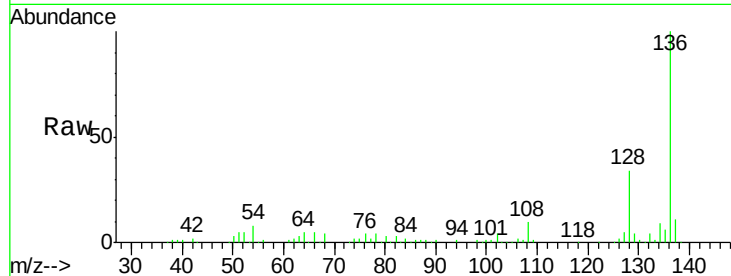




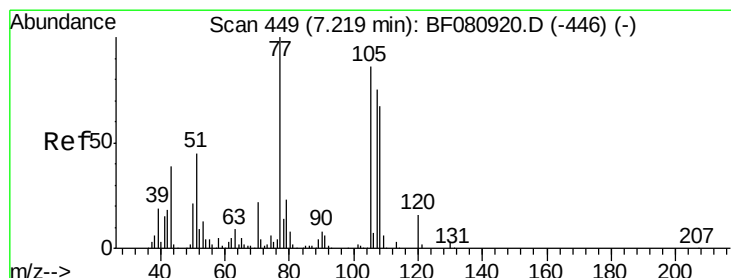
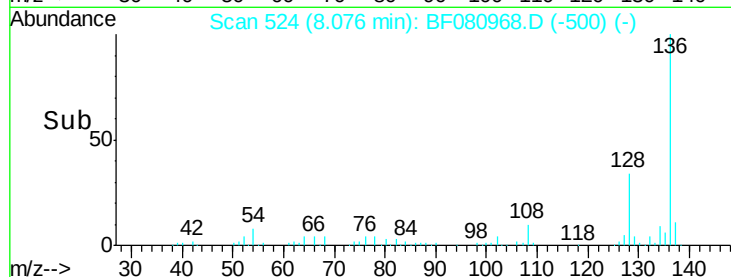
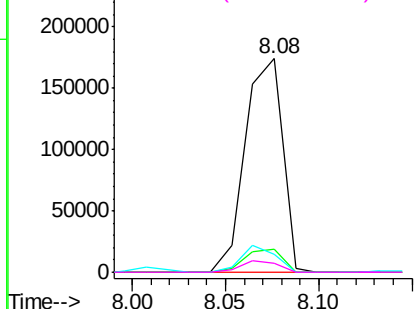
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.08 min Scan# 524  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 241131   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.5  | 8.5 12.7 |
| 54          | 8.3   | 7.1 10.7 |
| 68          | 4.4   | 3.8 5.8  |

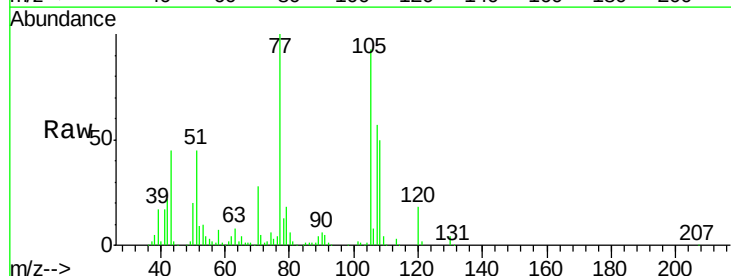


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

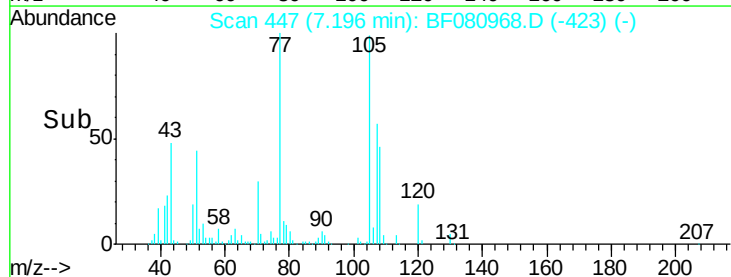
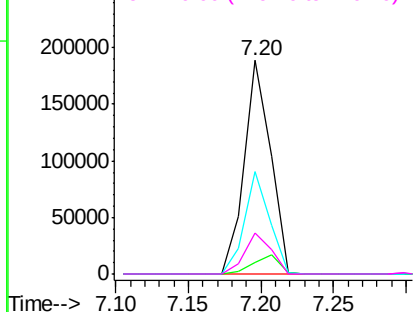


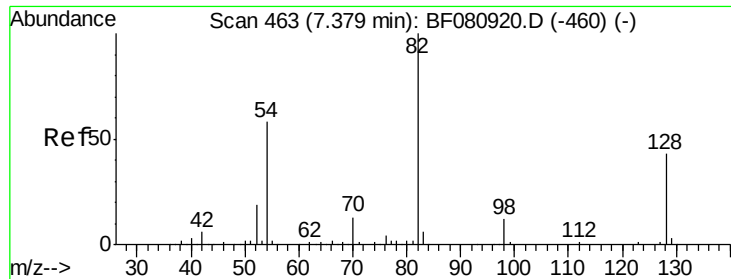
#22  
Acetophenone  
Concen: 40.23 ng  
RT: 7.20 min Scan# 447  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 237722    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 5.2   | 3.3 4.9#  |
| 51          | 48.1  | 41.8 62.6 |
| 120         | 19.5  | 15.1 22.7 |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E

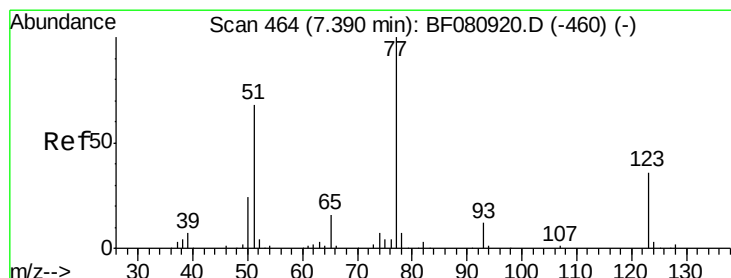
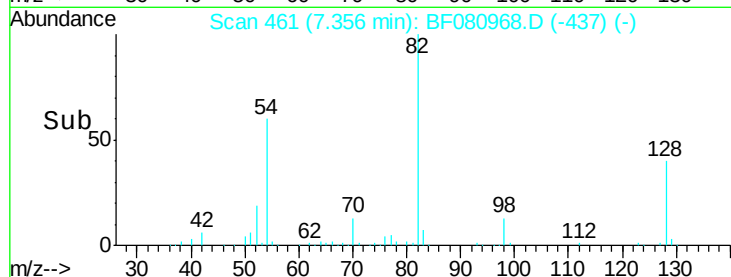
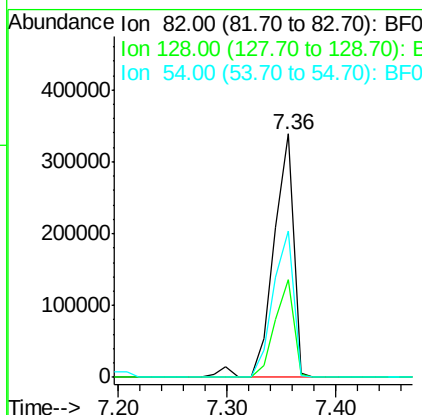
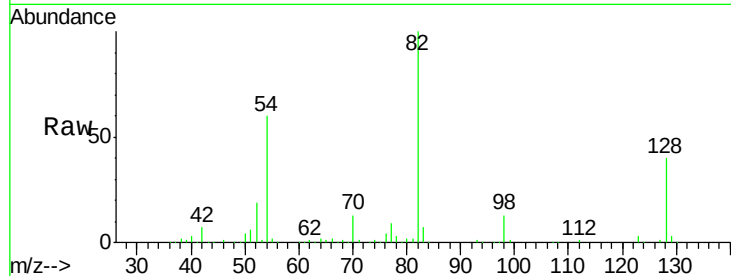




#23  
 Nitrobenzene-d5  
 Concen: 84.80 ng  
 RT: 7.36 min Scan# 461  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

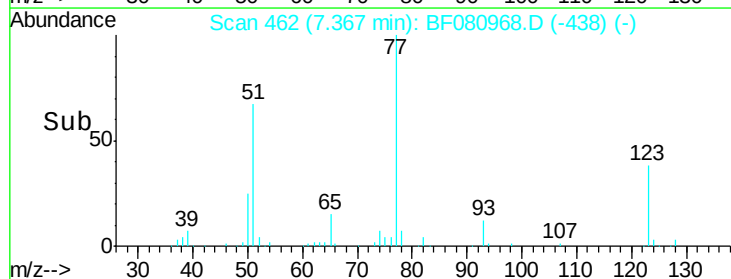
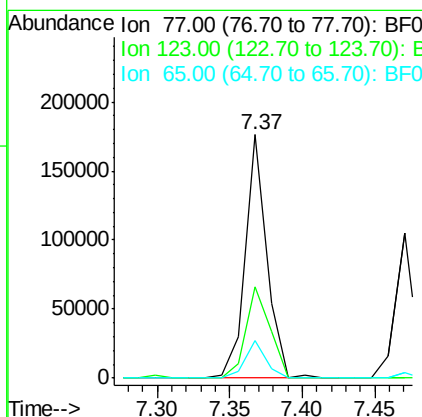
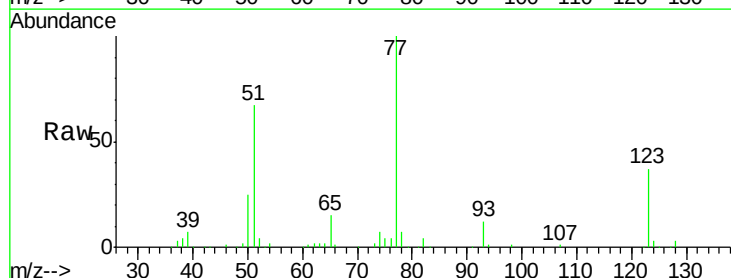
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

| Tot Ion   | 82    | Resp  | 432277 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.3  | 34.1  | 51.1   |
| 54        | 59.9  | 46.5  | 69.7   |

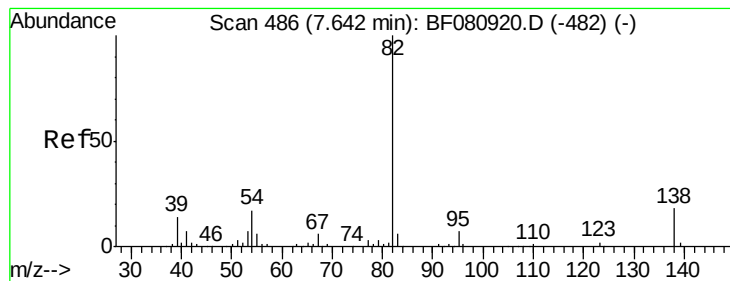


#24  
 Nitrobenzene  
 Concen: 34.65 ng  
 RT: 7.37 min Scan# 462  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

| Tgt Ion   | 77    | Resp  | 181886 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 37.5  | 28.7  | 43.1   |
| 65        | 15.3  | 12.5  | 18.7   |







#25

Isophorone

Concen: 36.17 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

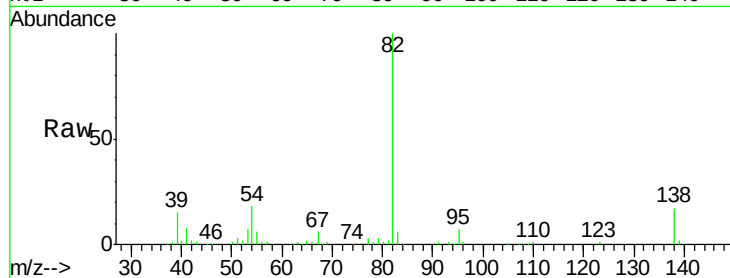
Tot Ion: 82 Resp: 354618

Ion Ratio Lower Upper

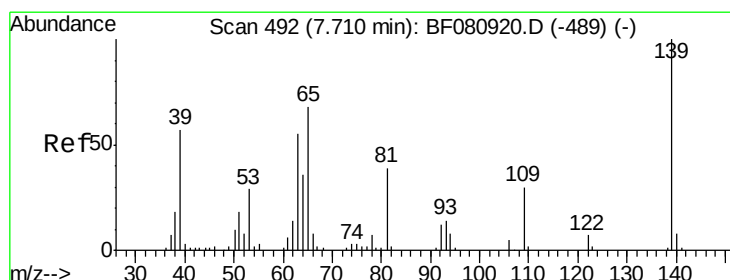
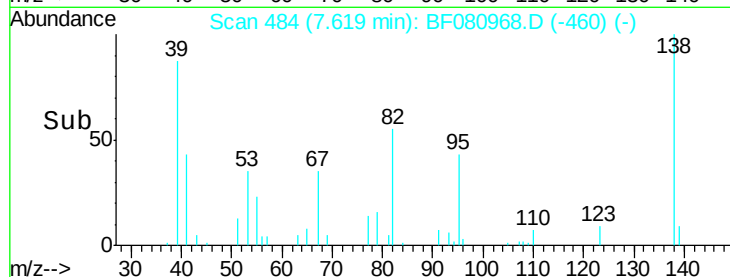
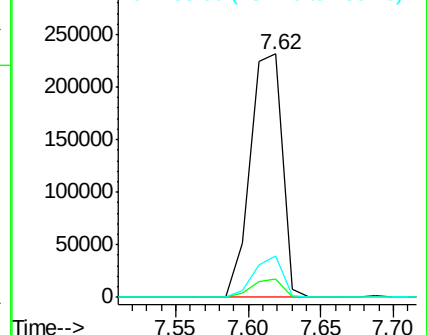
82 100

95 7.4 5.8 8.6

138 17.1 14.1 21.1



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



#26

2-Nitrophenol

Concen: 37.52 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

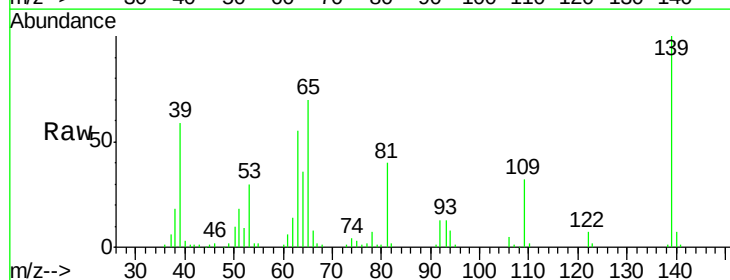
Tgt Ion: 139 Resp: 82875

Ion Ratio Lower Upper

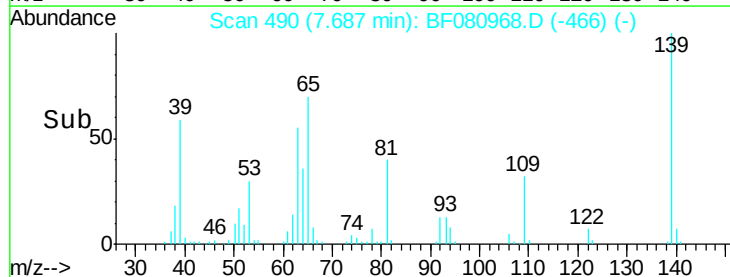
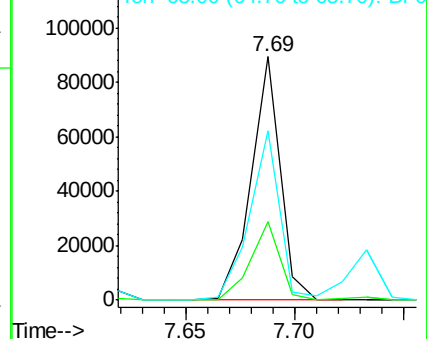
139 100

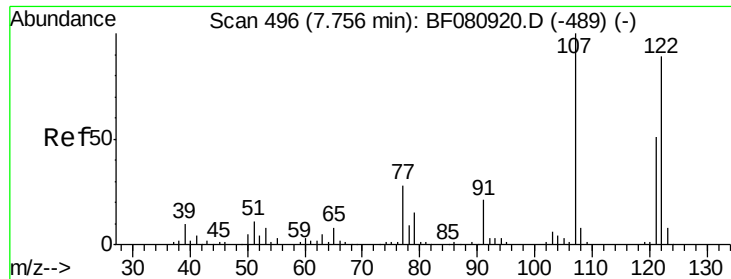
109 32.5 24.1 36.1

65 69.7 54.0 81.0



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





#27

2,4-Dimethylphenol

Concen: 40.49 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

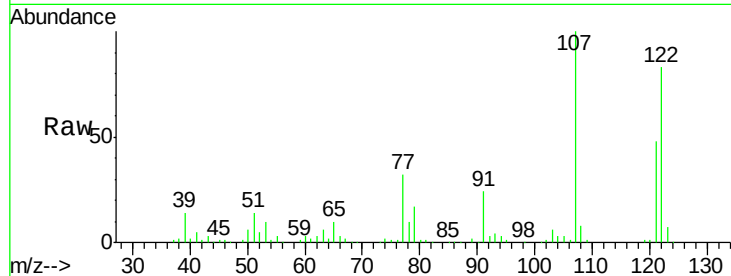
Tot Ion:122 Resp: 167399

Ion Ratio Lower Upper

122 100

107 119.9 90.2 135.4

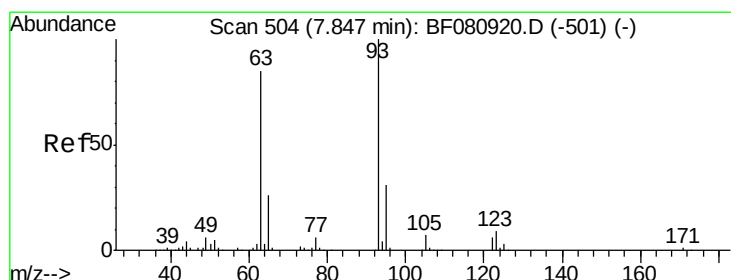
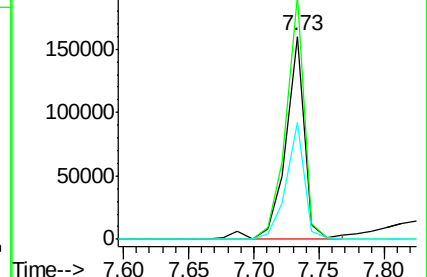
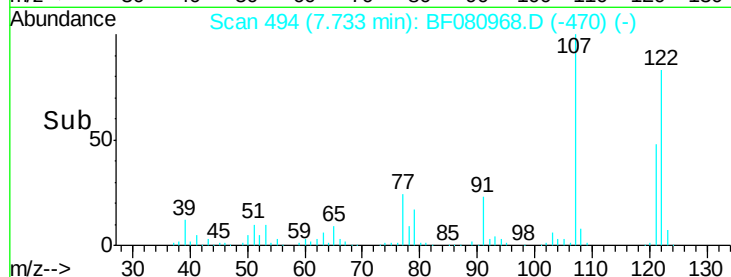
121 57.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.08 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

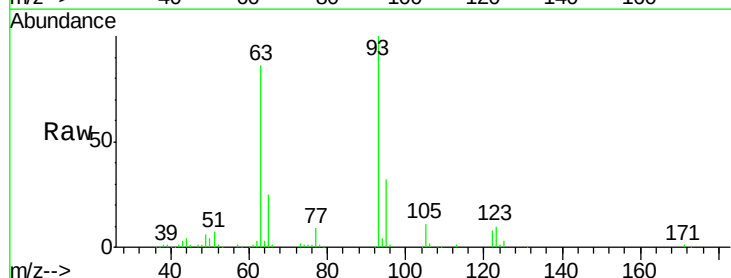
Tgt Ion: 93 Resp: 200594

Ion Ratio Lower Upper

93 100

95 32.4 25.0 37.4

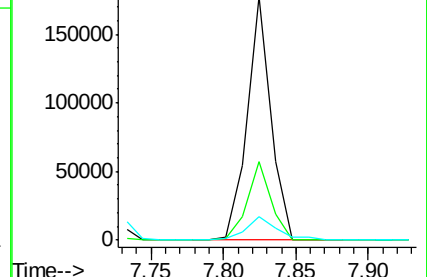
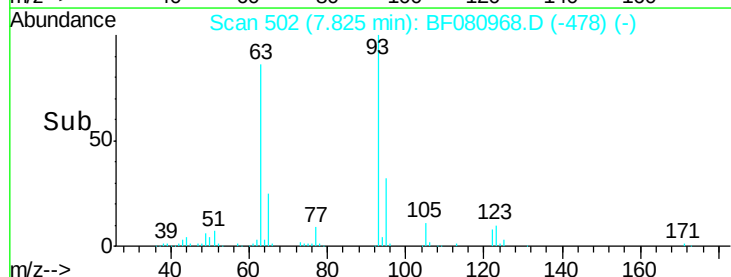
123 9.7 7.4 11.0

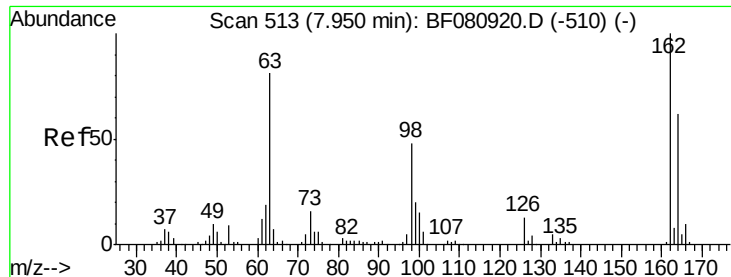


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

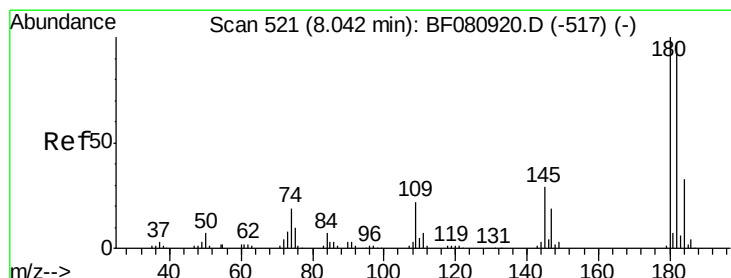
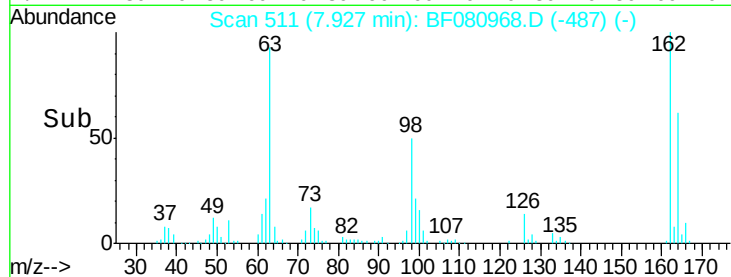
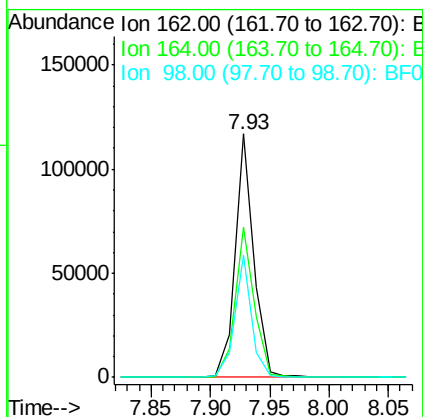
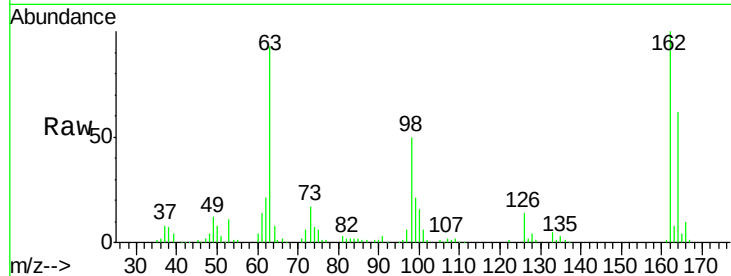




#29  
 2,4-Dichlorophenol  
 Concen: 37.56 ng  
 RT: 7.93 min Scan# 511  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

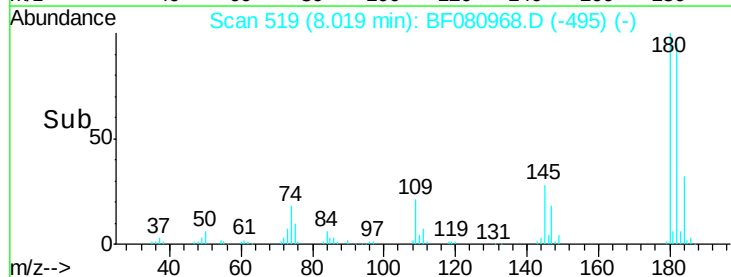
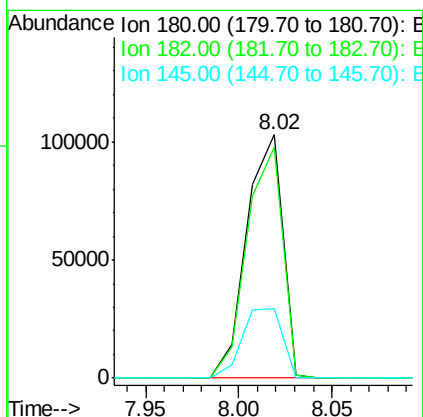
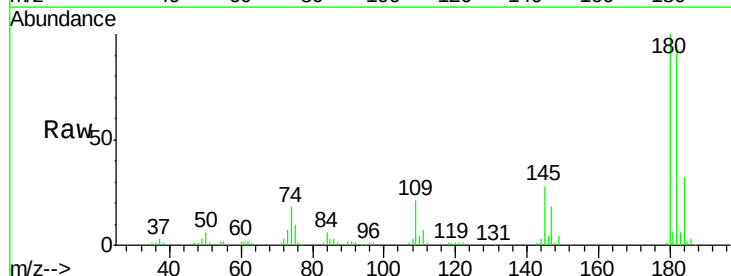
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

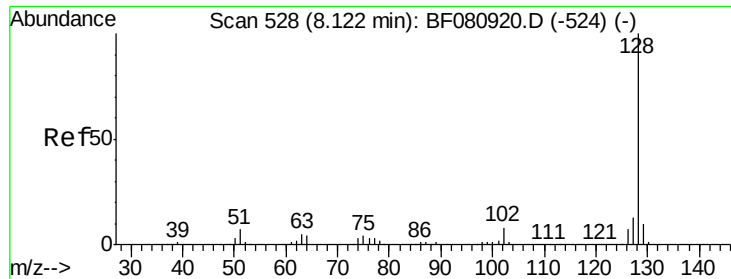
Tot Ion:162 Resp: 127611  
 Ion Ratio Lower Upper  
 162 100  
 164 61.7 42.3 82.3  
 98 50.0 27.7 67.7



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.06 ng  
 RT: 8.02 min Scan# 519  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Tgt Ion:180 Resp: 137614  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 77.4 116.0  
 145 28.3 23.2 34.8

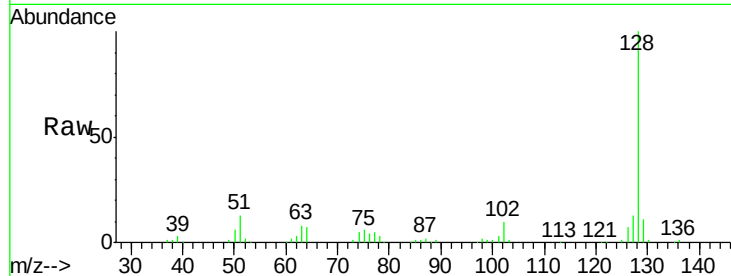




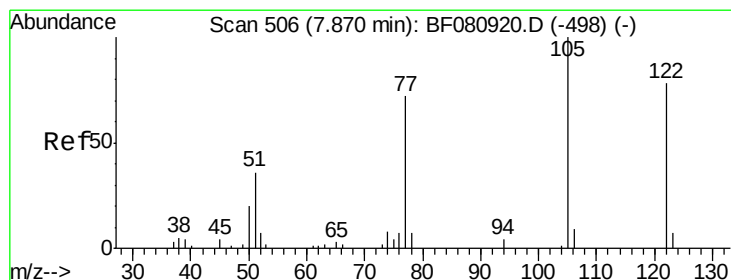
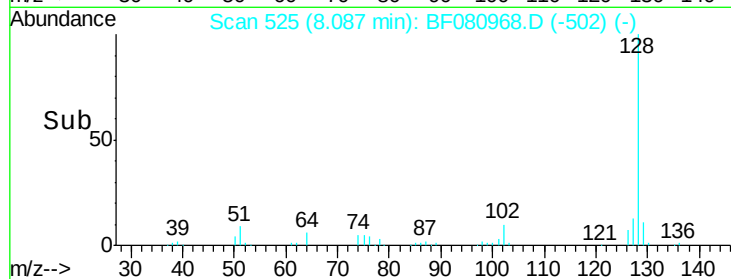
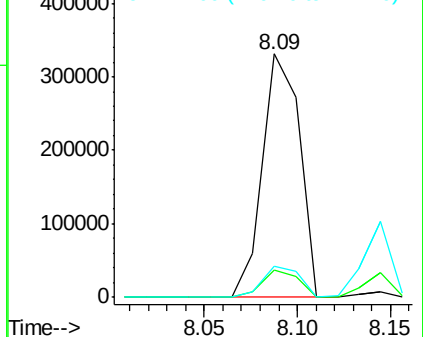
#31  
Naphthalene  
Concen: 34.32 ng  
RT: 8.09 min Scan# 525  
Delta R.T. -0.03 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

Tot Ion:128 Resp: 456213  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.4 12.6  
127 12.9 10.5 15.7

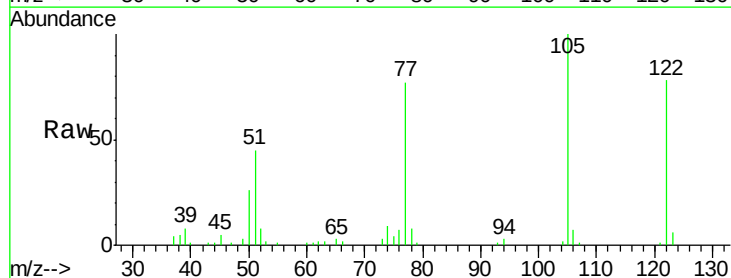


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

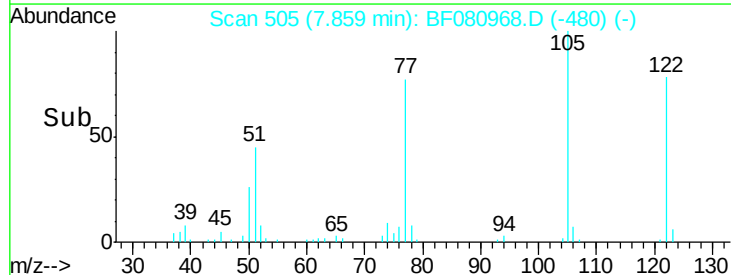
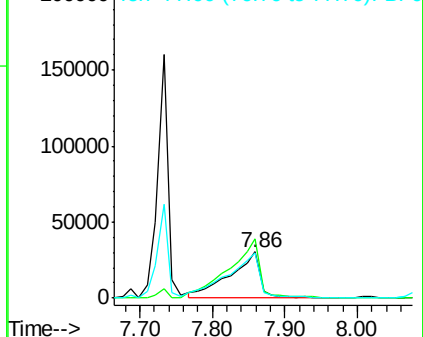


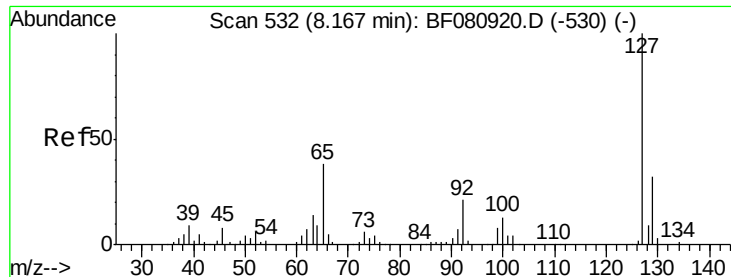
#32  
Benzoic acid  
Concen: 35.60 ng  
RT: 7.86 min Scan# 505  
Delta R.T. -0.01 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion:122 Resp: 88113  
Ion Ratio Lower Upper  
122 100  
105 128.6 103.6 143.6  
77 99.0 70.4 110.4



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

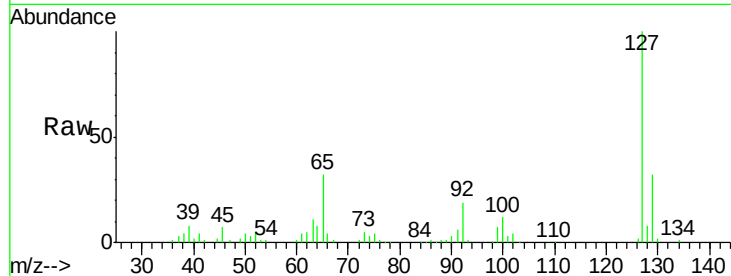




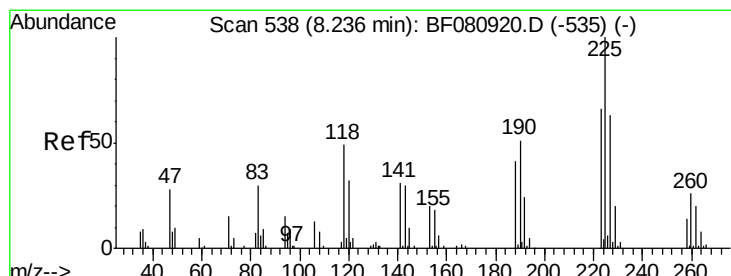
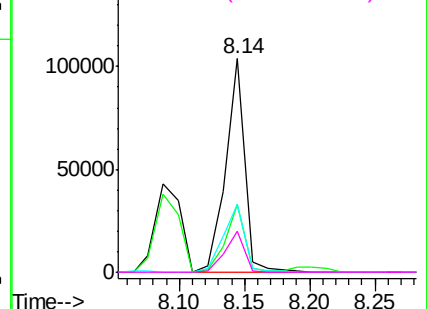
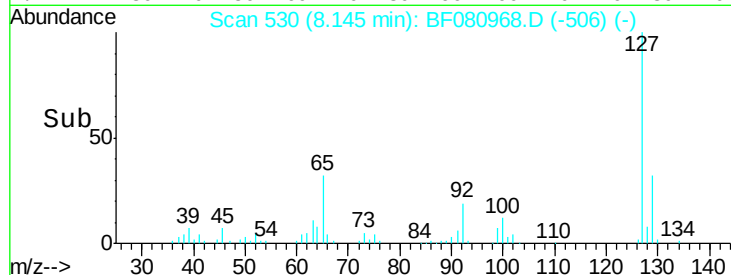
#33  
4-Chloroaniline  
Concen: 19.69 ng  
RT: 8.14 min Scan# 530  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 106376 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 25.9  | 38.9   |
| 65       | 31.9  | 30.6  | 45.8   |
| 92       | 19.1  | 16.9  | 25.3   |

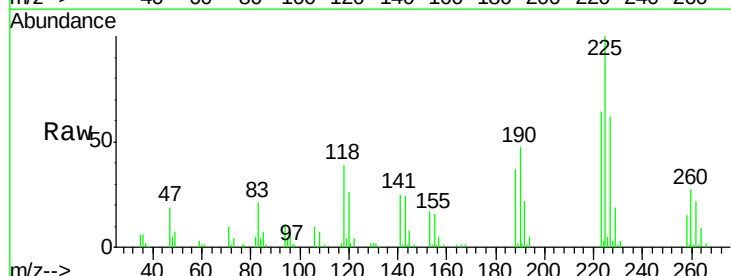


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

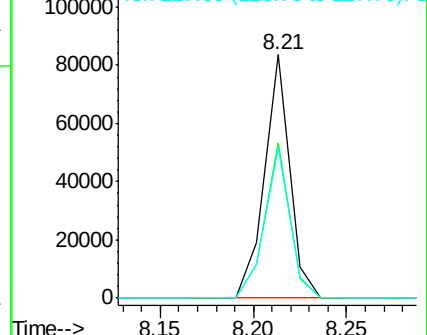
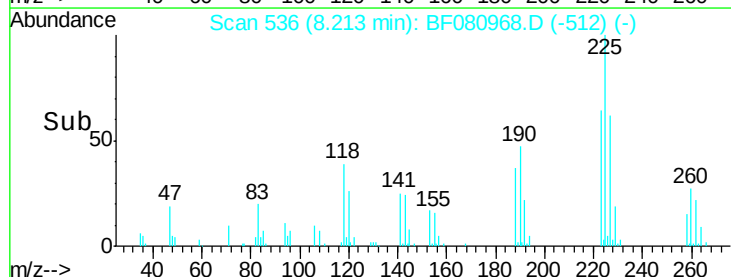


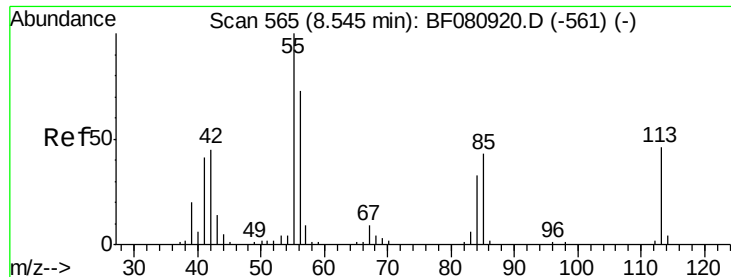
#34  
Hexachlorobutadiene  
Concen: 35.25 ng  
RT: 8.21 min Scan# 536  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 77888 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.9  | 52.5  | 78.7  |
| 227      | 61.5  | 50.3  | 75.5  |



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

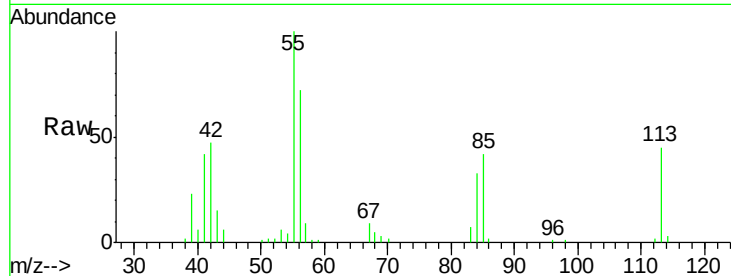




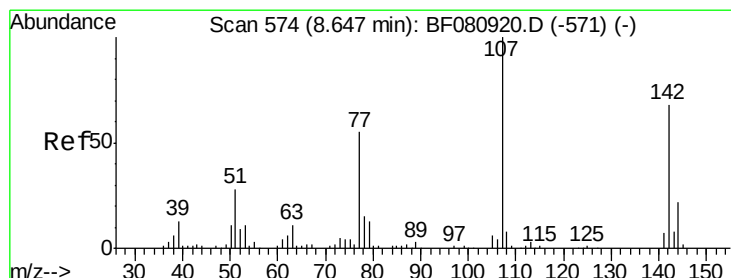
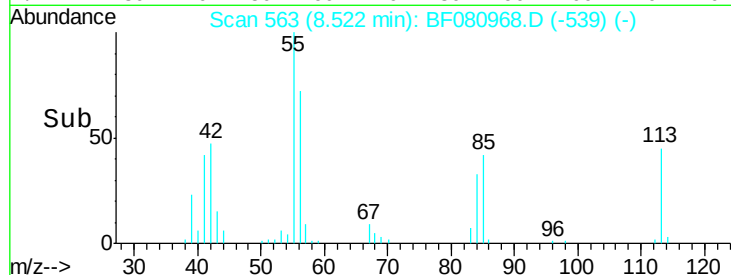
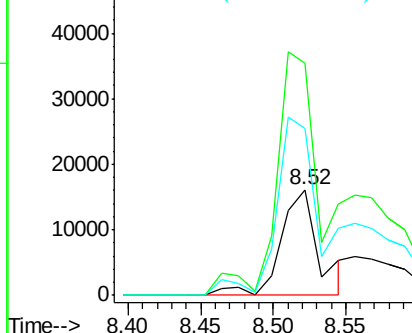
#35  
 Caprolactam  
 Concen: 23.74 ng  
 RT: 8.52 min Scan# 563  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

Tot Ion:113 Resp: 29016  
 Ion Ratio Lower Upper  
 113 100  
 55 220.1 196.4 236.4  
 56 158.2 137.9 177.9

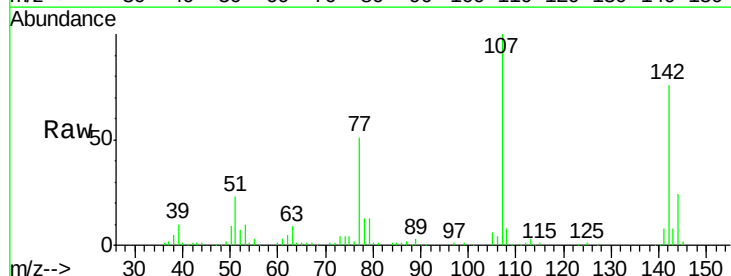


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

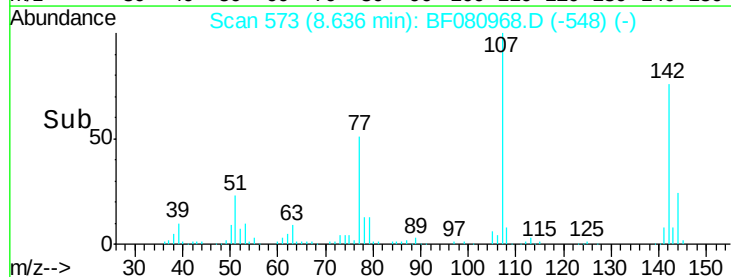
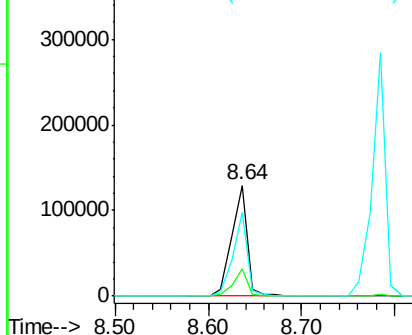


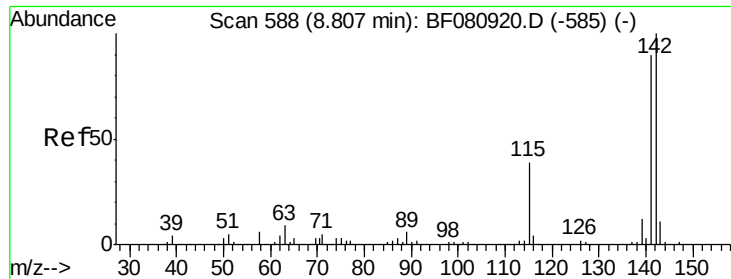
#36  
 4-Chloro-3-methylphenol  
 Concen: 37.02 ng  
 RT: 8.64 min Scan# 573  
 Delta R.T. -0.01 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Tgt Ion:107 Resp: 153484  
 Ion Ratio Lower Upper  
 107 100  
 144 24.1 17.3 25.9  
 142 75.9 54.4 81.6



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

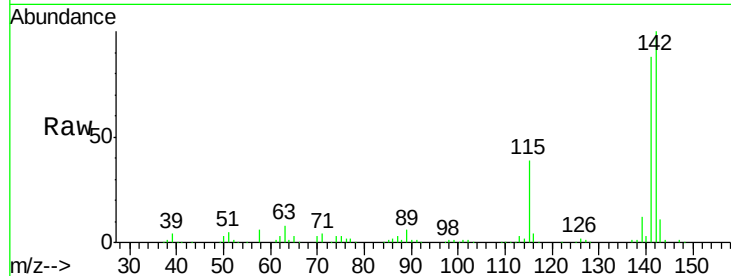




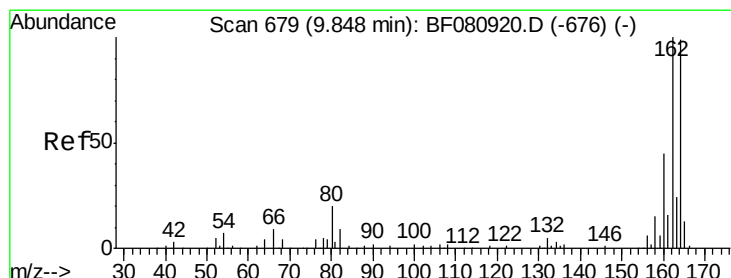
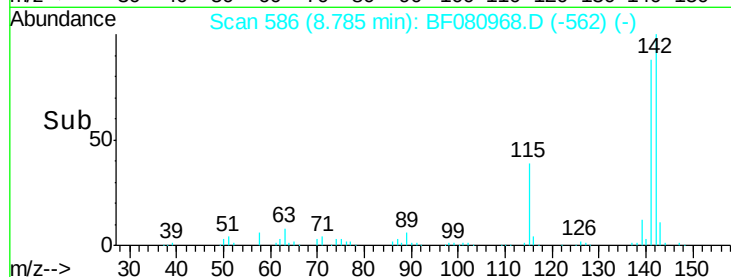
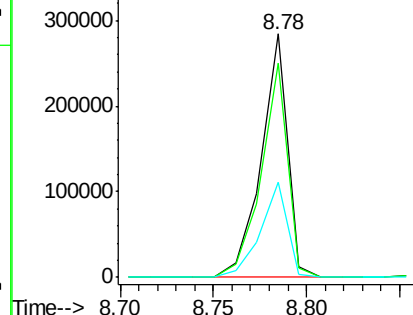
#37  
 2-Methylnaphthalene  
 Concen: 33.38 ng  
 RT: 8.78 min Scan# 586  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

Tot Ion:142 Resp: 282432  
 Ion Ratio Lower Upper  
 142 100  
 141 88.2 71.7 107.5  
 115 39.0 30.9 46.3

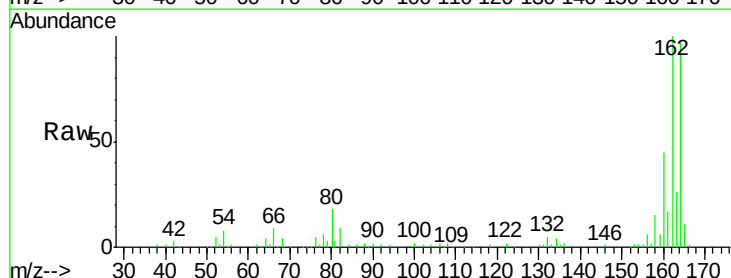


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

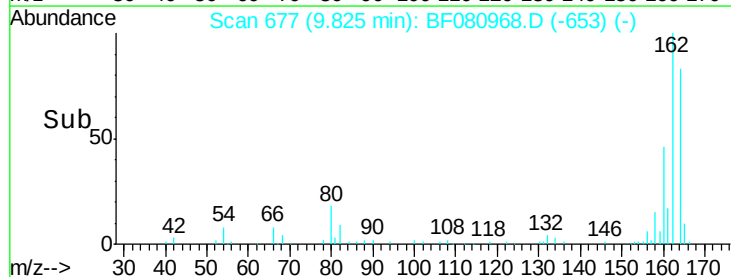
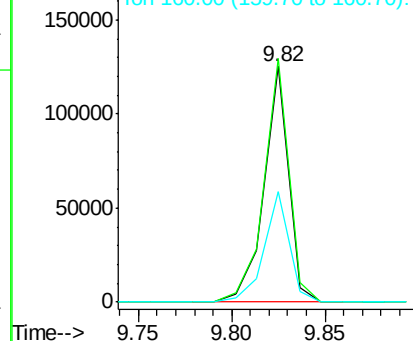


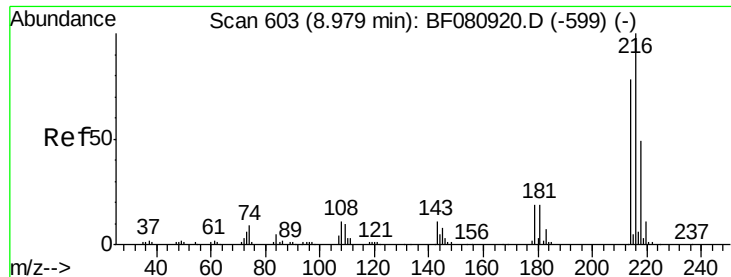
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.82 min Scan# 677  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Tgt Ion:164 Resp: 113084  
 Ion Ratio Lower Upper  
 164 100  
 162 103.3 80.5 120.7  
 160 46.7 36.6 54.8



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

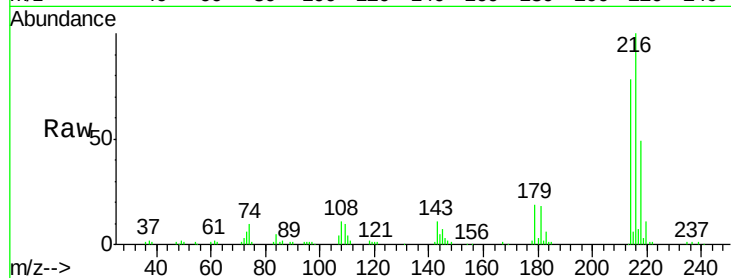




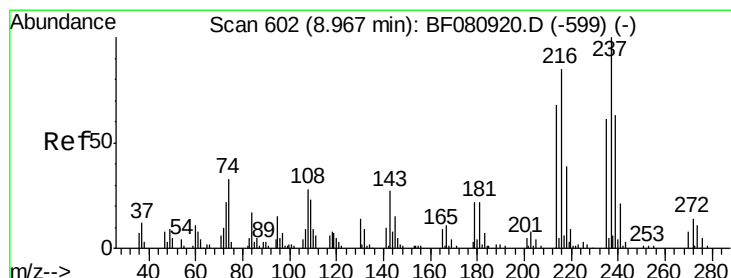
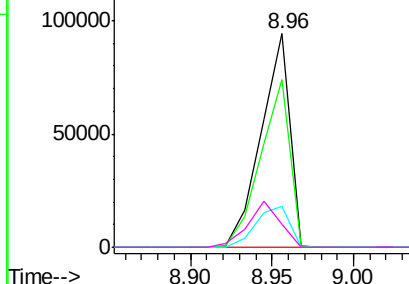
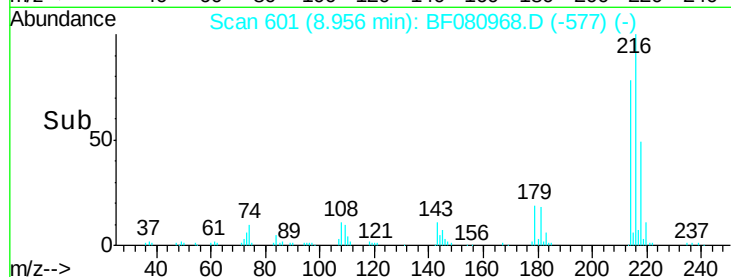
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 33.15 ng  
 RT: 8.96 min Scan# 601  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 115580    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 79.8  | 63.0 94.4 |
| 179         | 22.0  | 17.2 25.8 |
| 108         | 23.5  | 16.1 24.1 |

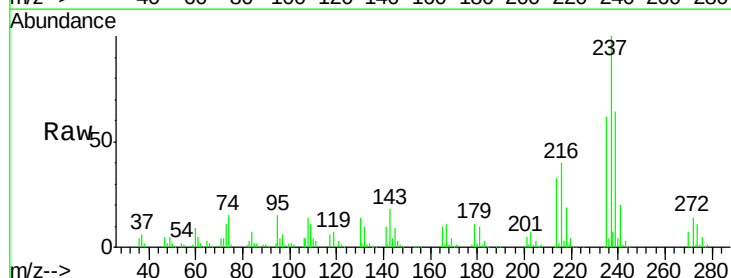


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

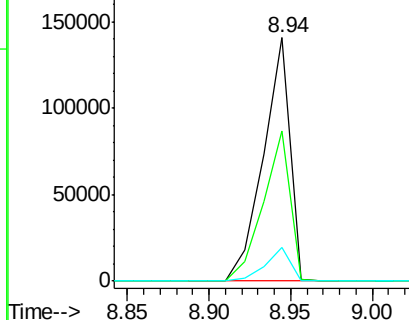
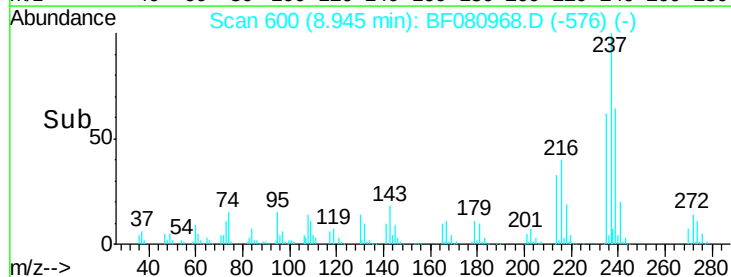


#40  
 Hexachlorocyclopentadiene  
 Concen: 84.23 ng  
 RT: 8.94 min Scan# 600  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

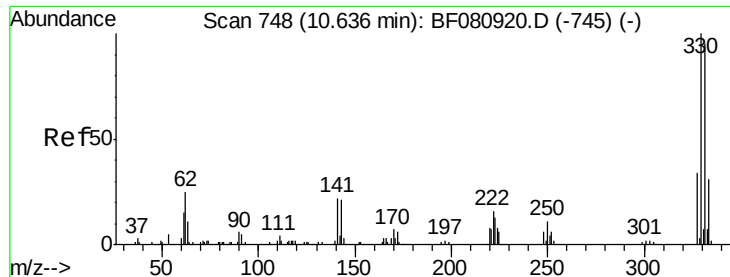
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 160225    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 61.8  | 41.3 81.3 |
| 272         | 13.8  | 0.0 33.6  |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E



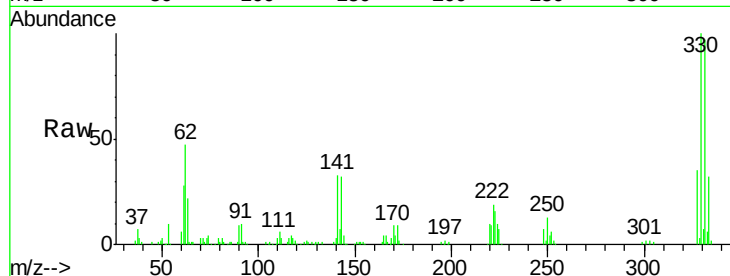




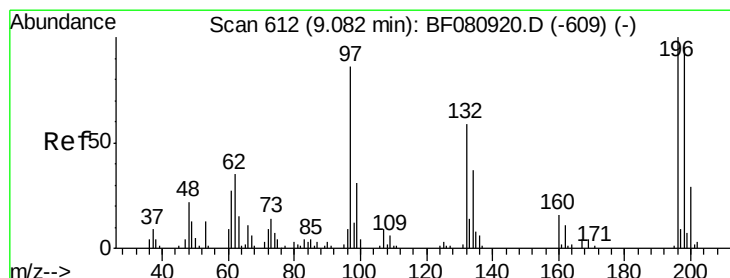
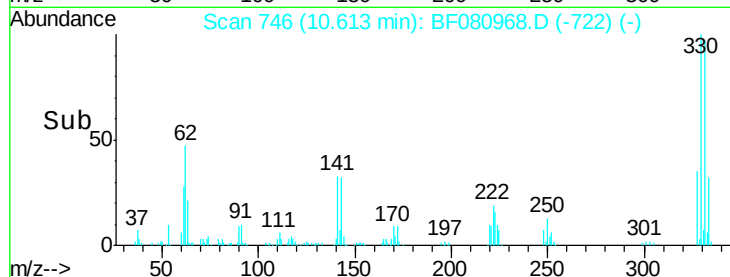
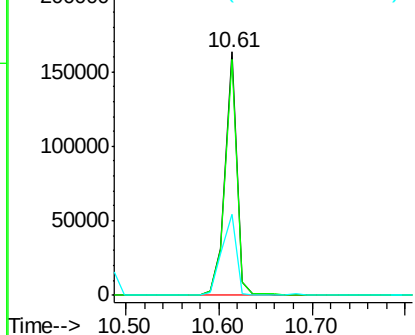
#41  
 2,4,6-Tribromophenol  
 Concen: 117.14 ng  
 RT: 10.61 min Scan# 746  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

Tot Ion:330 Resp: 145531  
 Ion Ratio Lower Upper  
 330 100  
 332 97.6 76.2 114.4  
 141 41.2 27.8 41.8

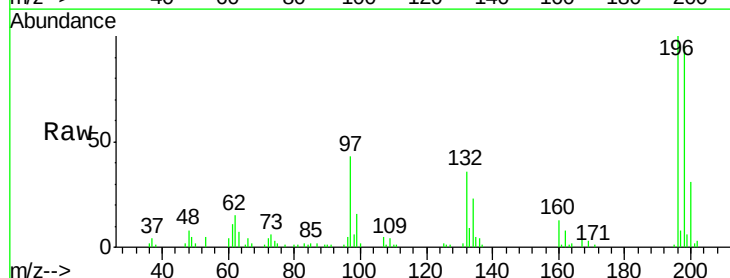


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

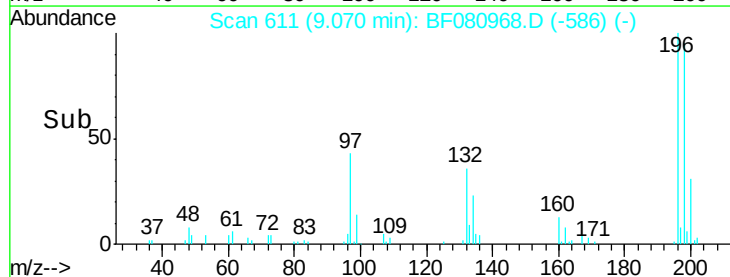
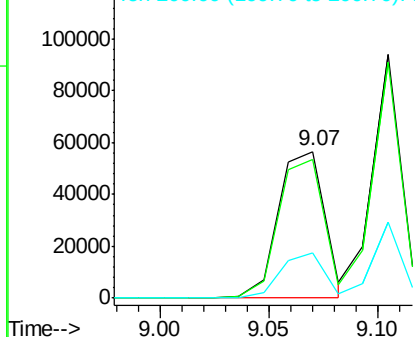


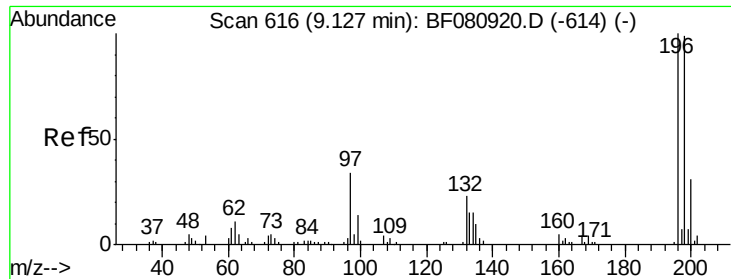
#42  
 2,4,6-Trichlorophenol  
 Concen: 33.00 ng  
 RT: 9.07 min Scan# 611  
 Delta R.T. -0.01 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Tgt Ion:196 Resp: 84307  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 75.9 113.9  
 200 31.1 23.1 34.7



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

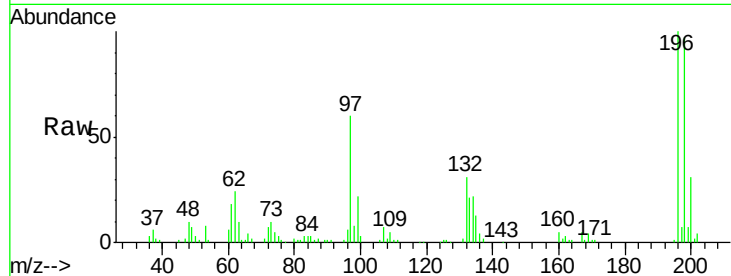




#43  
 2,4,5-Trichlorophenol  
 Concen: 35.84 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.2  | 78.9  | 118.3 |
| 97      | 60.5  | 29.1  | 43.7# |
| 132     | 31.4  | 19.1  | 28.7# |



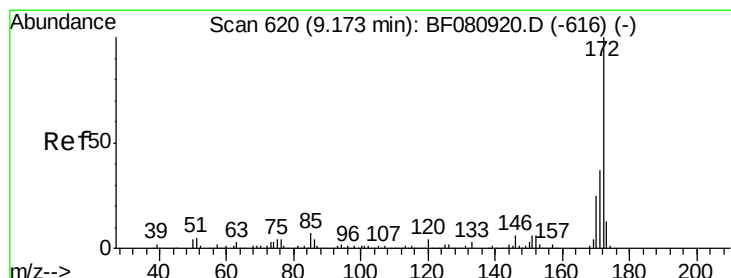
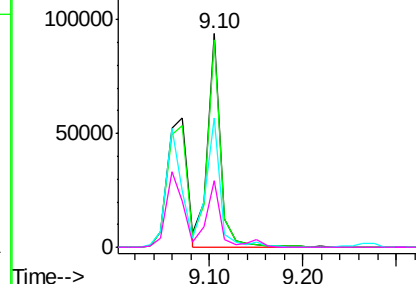
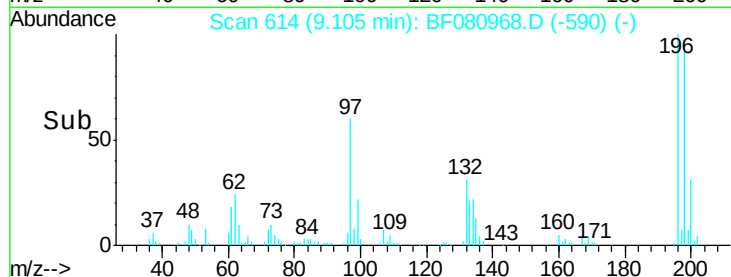
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

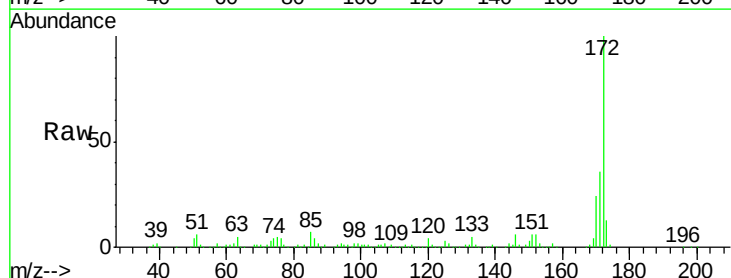
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 72.16 ng  
 RT: 9.15 min Scan# 618  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 29.4  | 44.0  |
| 170     | 24.2  | 19.7  | 29.5  |

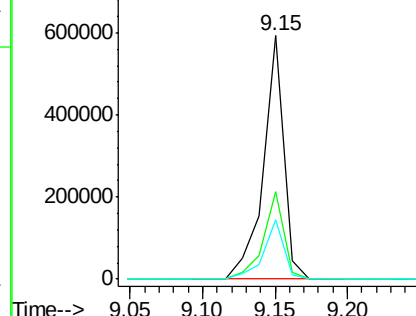
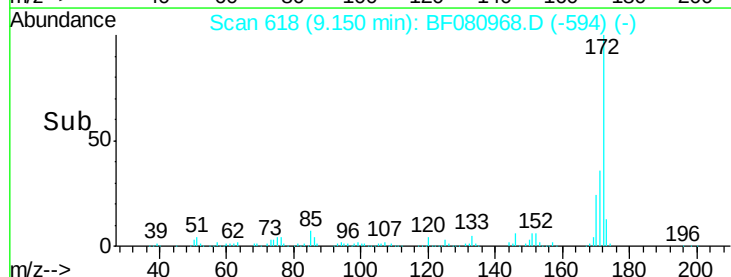


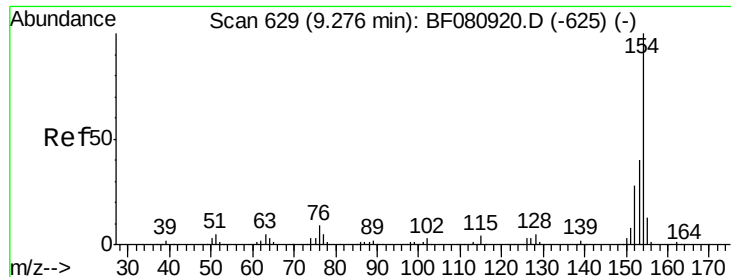
Abundance

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: 36.91 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

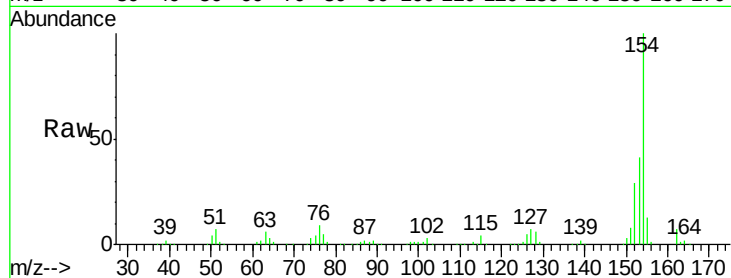
Tot Ion:154 Resp: 358174

Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

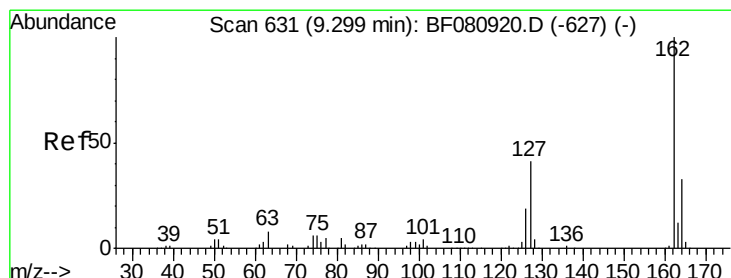
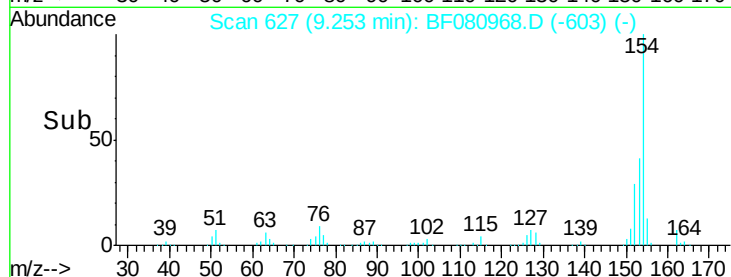
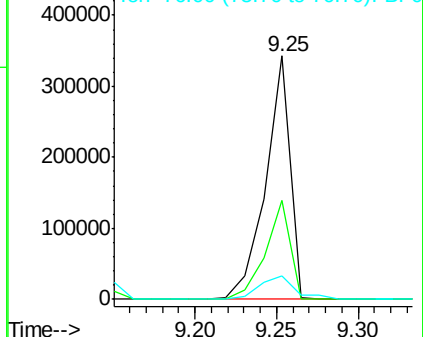
76 9.4 0.0 29.3



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: 35.21 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

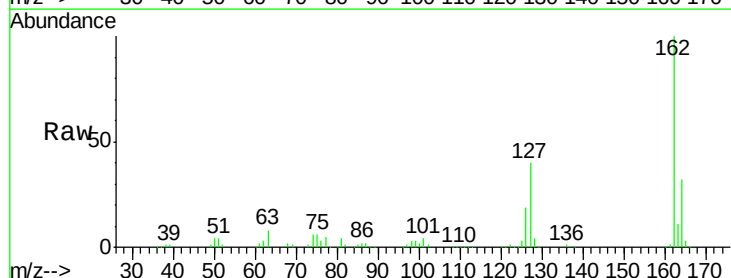
Tgt Ion:162 Resp: 266390

Ion Ratio Lower Upper

162 100

127 39.7 32.5 48.7

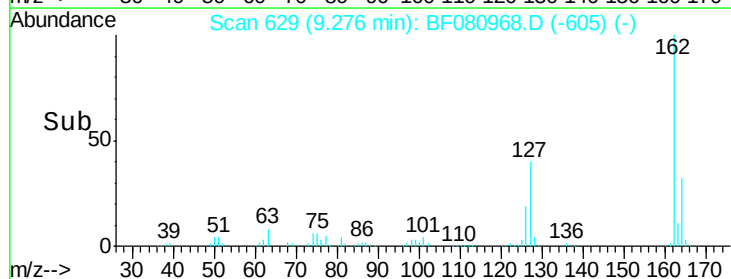
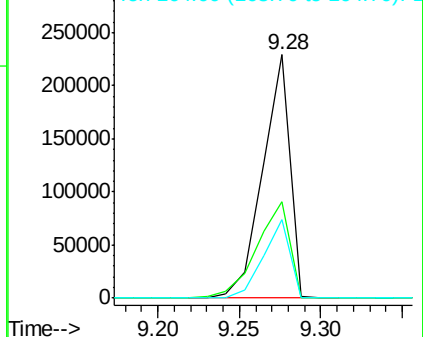
164 32.3 26.2 39.4

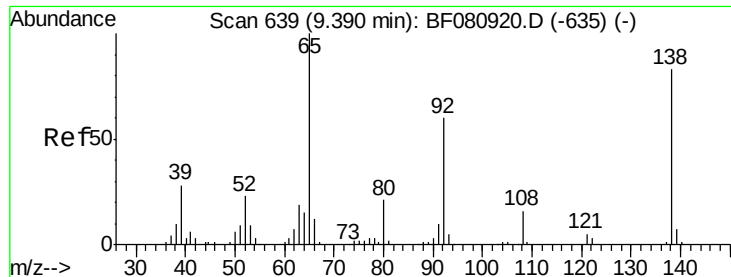


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

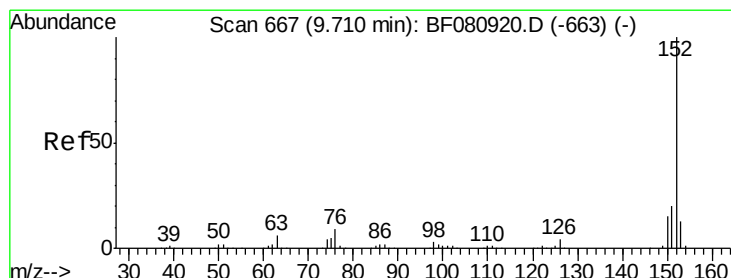
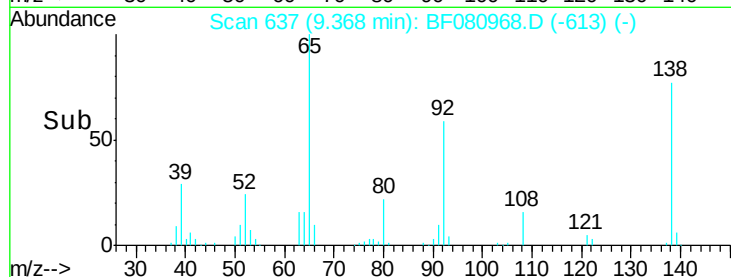
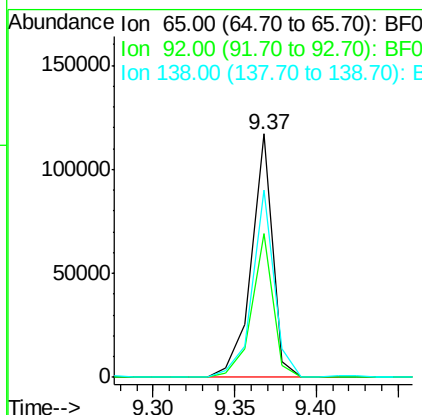
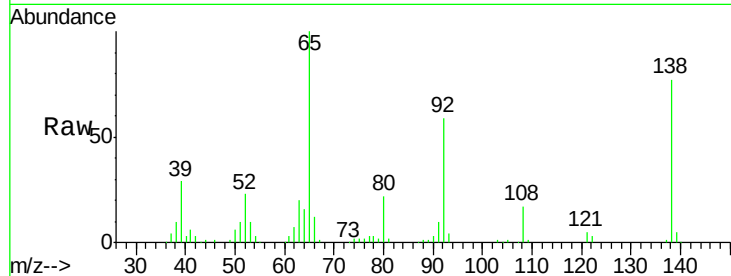




#47  
 2-Nitroaniline  
 Concen: 35.00 ng  
 RT: 9.37 min Scan# 637  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

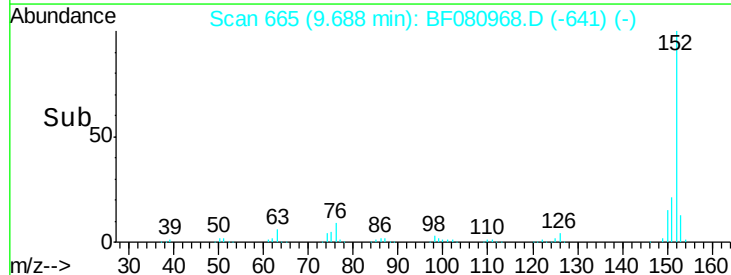
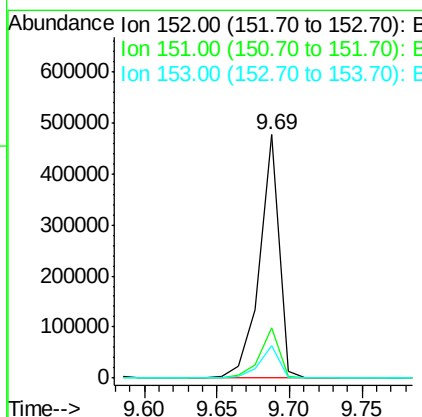
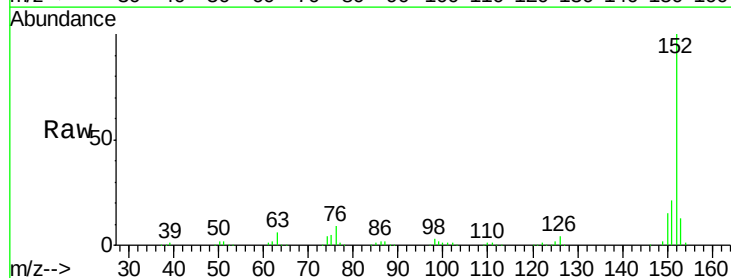
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

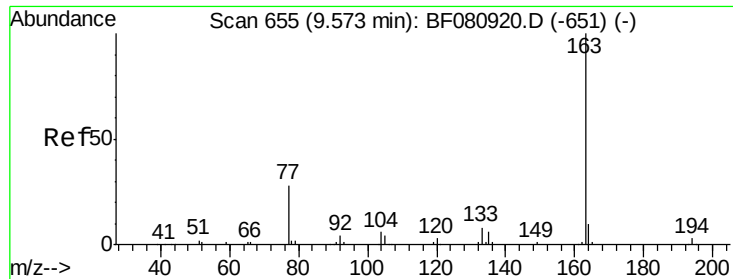
Tot Ion: 65 Resp: 106186  
 Ion Ratio Lower Upper  
 65 100  
 92 59.1 48.0 72.0  
 138 77.0 66.1 99.1



#48  
 Acenaphthylene  
 Concen: 34.00 ng  
 RT: 9.69 min Scan# 665  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Tgt Ion: 152 Resp: 447248  
 Ion Ratio Lower Upper  
 152 100  
 151 20.6 16.3 24.5  
 153 13.1 10.5 15.7

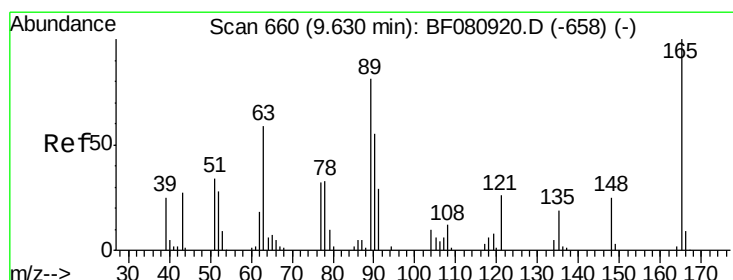
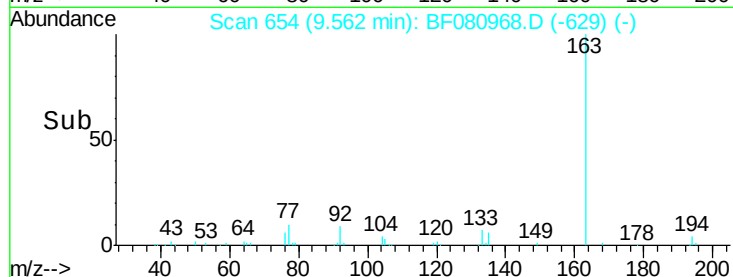
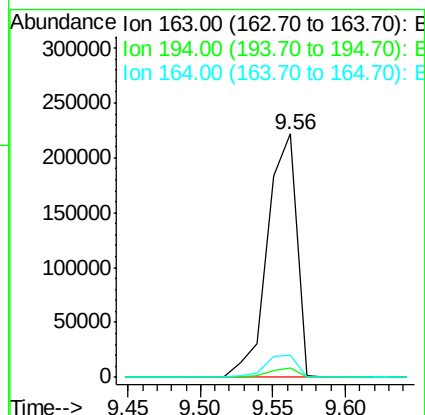
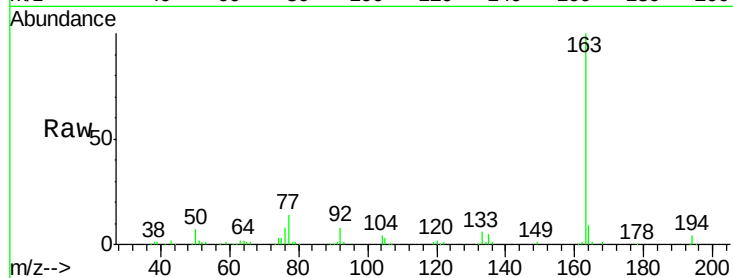




#49  
Dimethylphthalate  
Concen: 33.01 ng  
RT: 9.56 min Scan# 654  
Delta R.T. -0.01 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

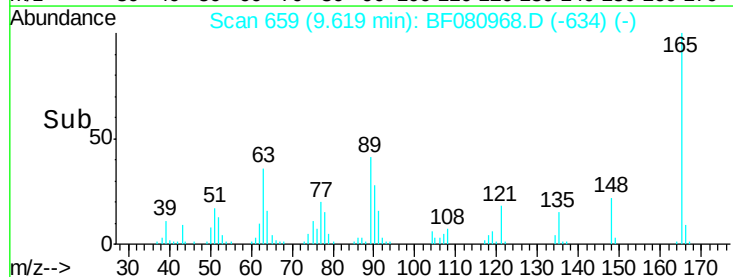
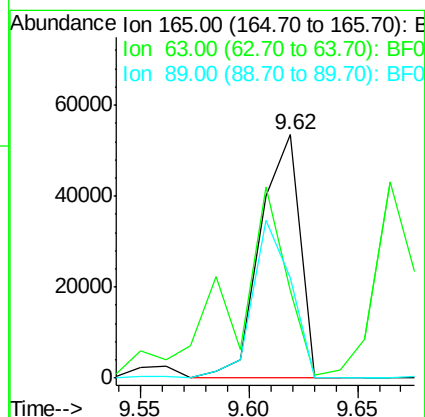
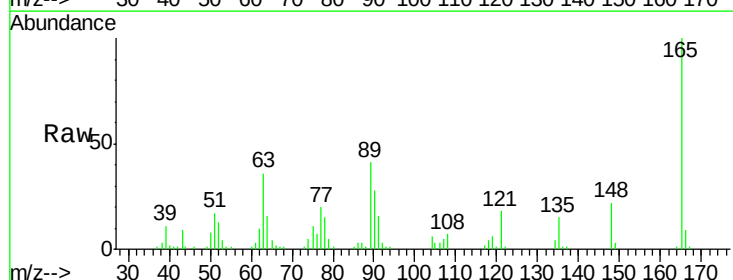
Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

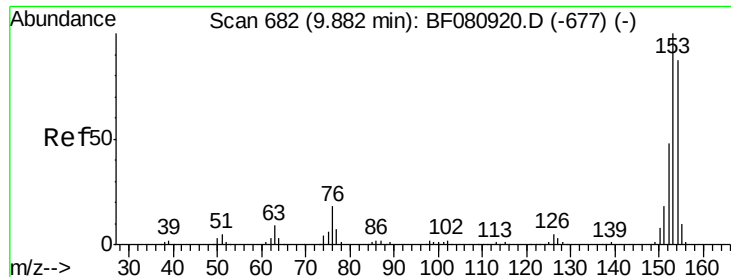
Tot Ion:163 Resp: 310060  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.4 3.6#  
164 9.4 8.2 12.4



#50  
2,6-Dinitrotoluene  
Concen: 35.01 ng  
RT: 9.62 min Scan# 659  
Delta R.T. -0.01 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion:165 Resp: 67941  
Ion Ratio Lower Upper  
165 100  
63 36.2 77.6 116.4#  
89 41.2 64.5 96.7#





#51

Acenaphthene

Concen: 37.99 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

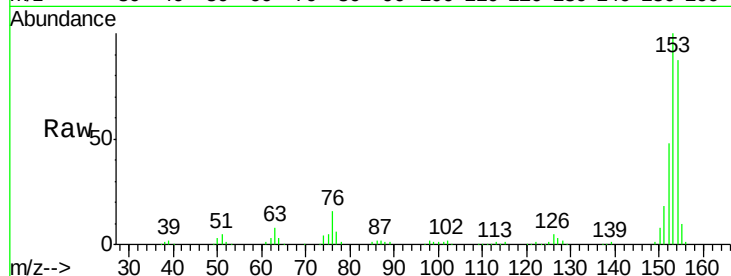
Tot Ion:154 Resp: 306077

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.2

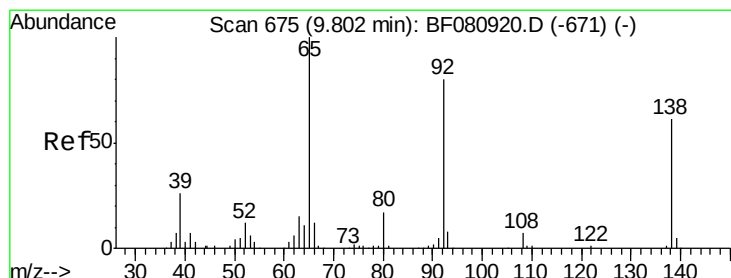
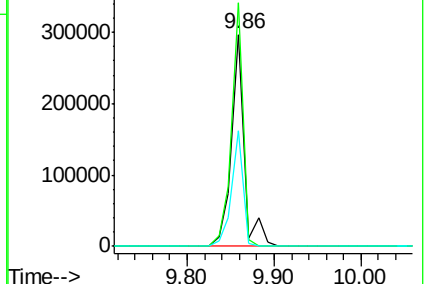
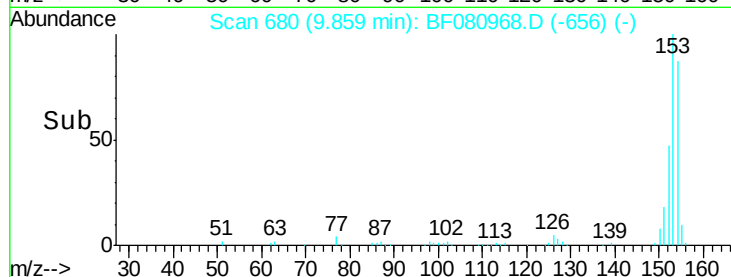
152 54.8 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.99 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

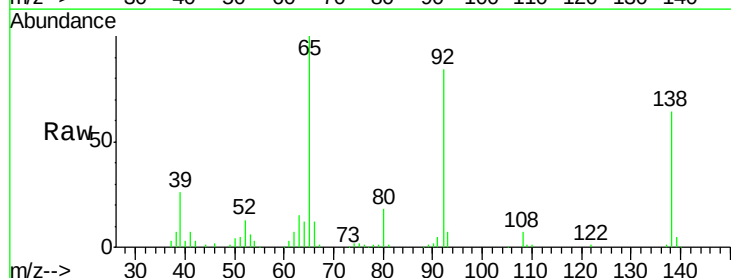
Tgt Ion:138 Resp: 55008

Ion Ratio Lower Upper

138 100

108 11.1 8.7 13.1

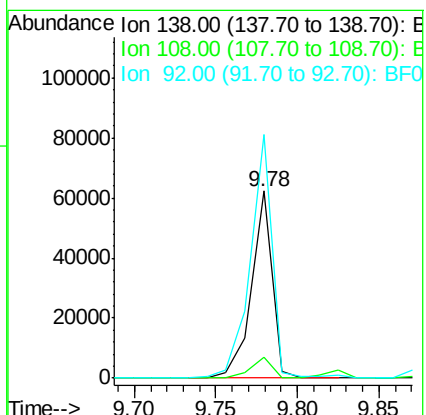
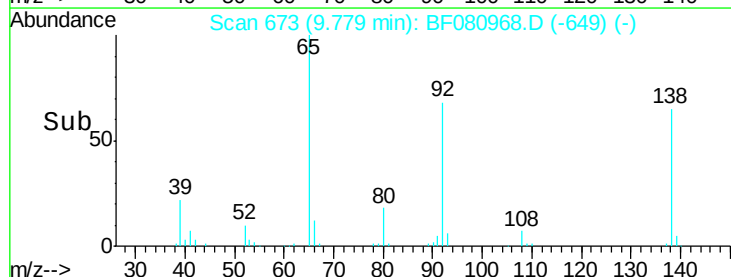
92 130.1 104.4 156.6

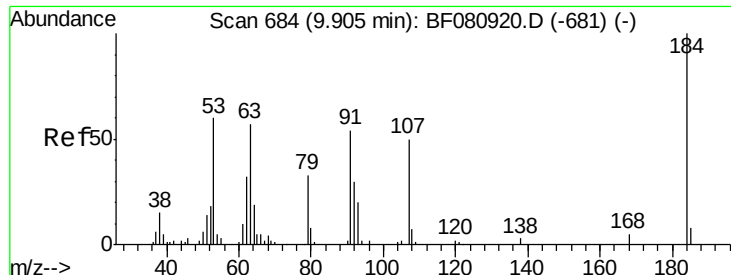


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

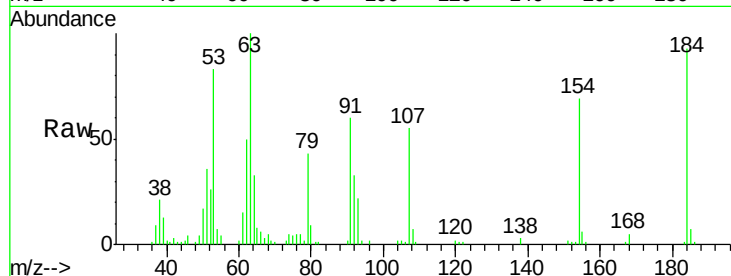




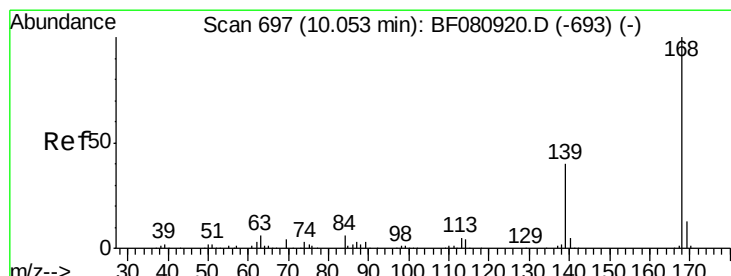
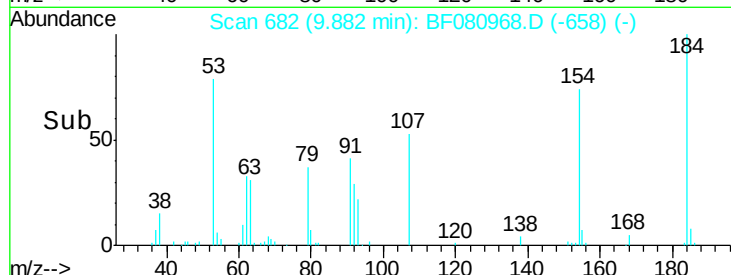
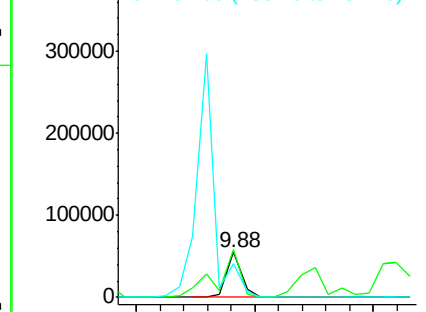
#53  
2,4-Dinitrophenol  
Concen: 44.62 ng  
RT: 9.88 min Scan# 682  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

Tot Ion:184 Resp: 49135  
Ion Ratio Lower Upper  
184 100  
63 107.9 59.7 89.5#  
154 74.1 53.8 80.8

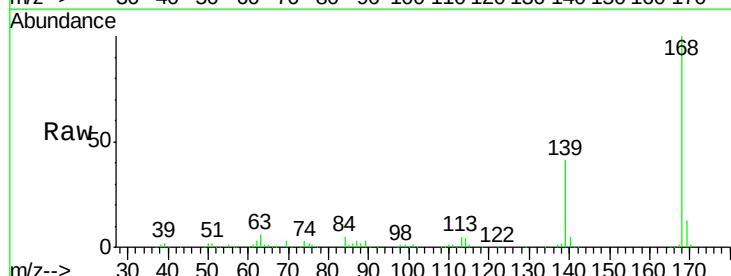


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

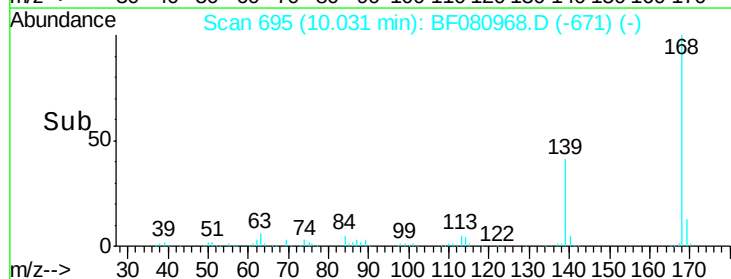
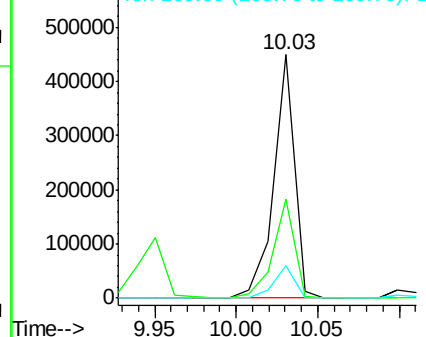


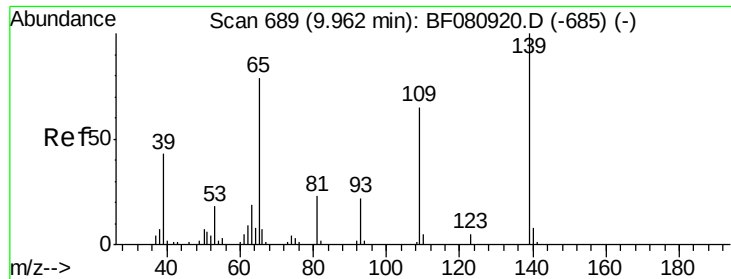
#54  
Dibenzofuran  
Concen: 36.74 ng  
RT: 10.03 min Scan# 695  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion:168 Resp: 400215  
Ion Ratio Lower Upper  
168 100  
139 40.8 31.9 47.9  
169 13.3 10.6 15.8



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





#55

4-Nitrophenol

Concen: 75.01 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

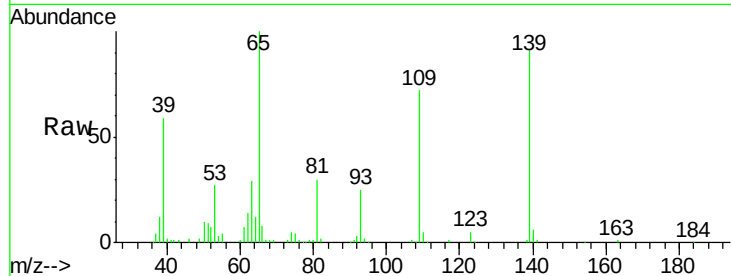
Tot Ion:139 Resp: 134340

Ion Ratio Lower Upper

139 100

109 79.2 44.7 84.7

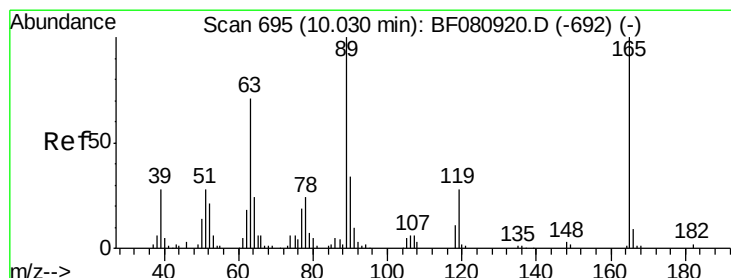
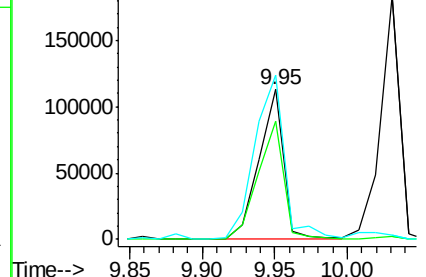
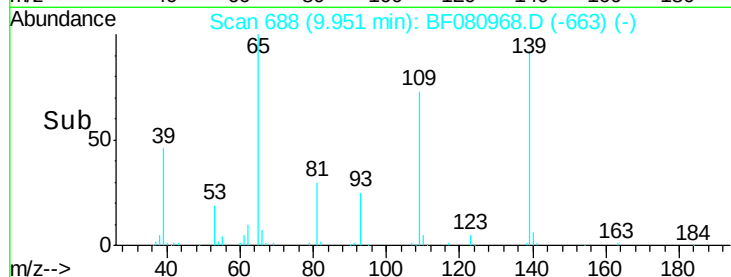
65 110.0 59.5 99.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.82 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion:165 Resp: 100816

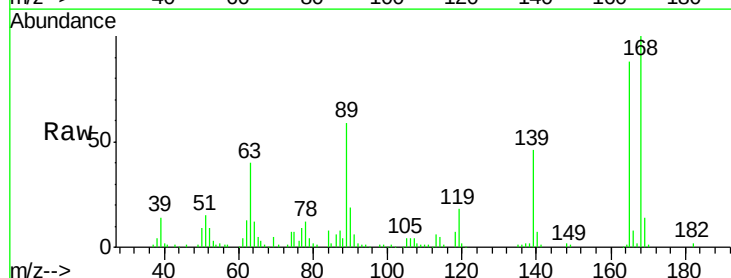
Ion Ratio Lower Upper

165 100

63 46.1 56.7 85.1#

89 66.8 80.4 120.6#

182 2.1 1.5 2.3

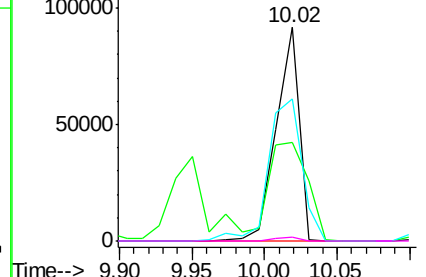
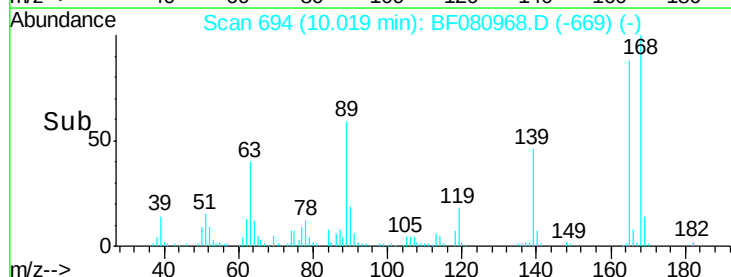


Abundance Ion 165.00 (164.70 to 165.70): E

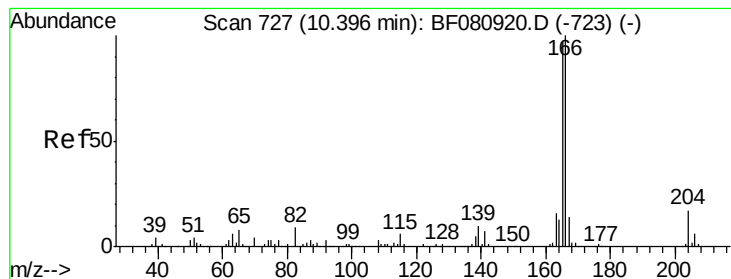
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 39.02 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

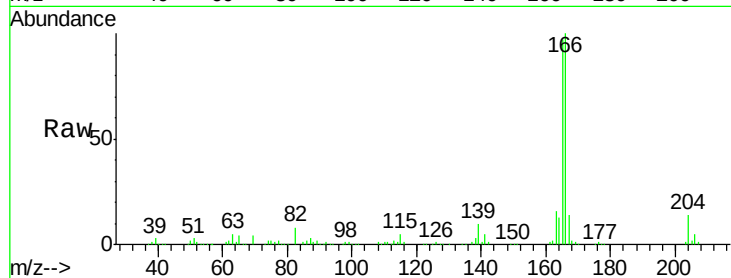
Tot Ion:166 Resp: 328807

Ion Ratio Lower Upper

166 100

165 96.9 77.2 115.8

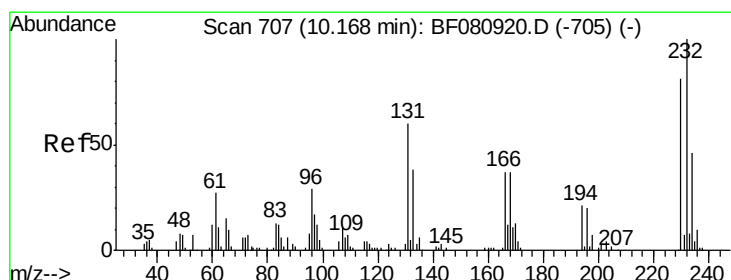
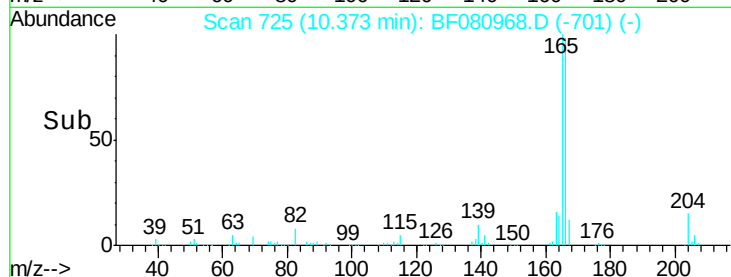
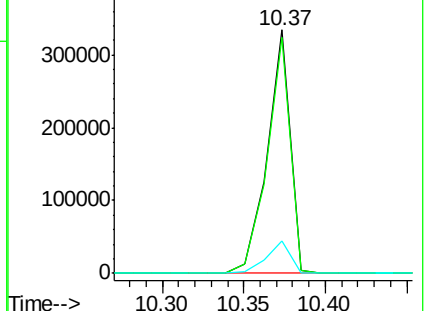
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.54 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion:232 Resp: 70383

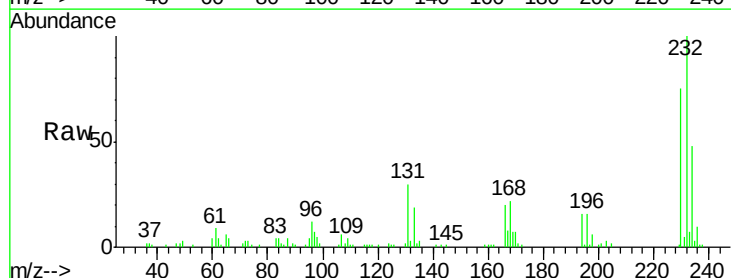
Ion Ratio Lower Upper

232 100

131 49.6 39.4 59.2

130 2.7 2.1 3.1

166 26.9 21.7 32.5

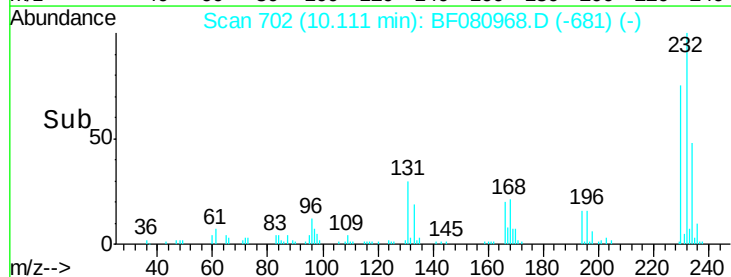
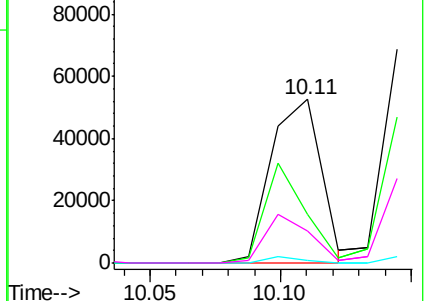


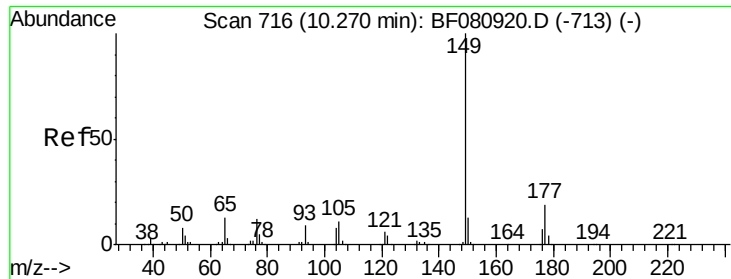
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

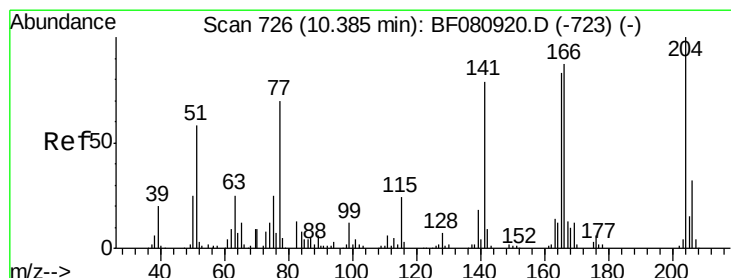
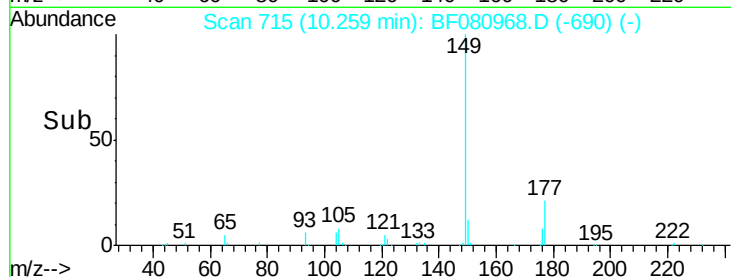
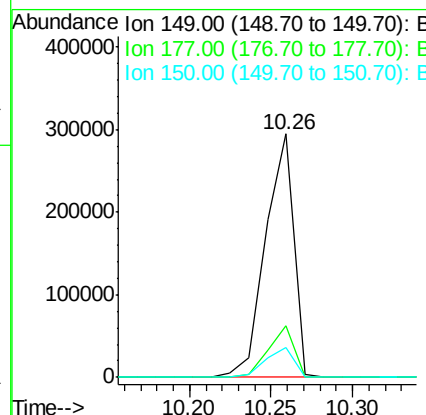
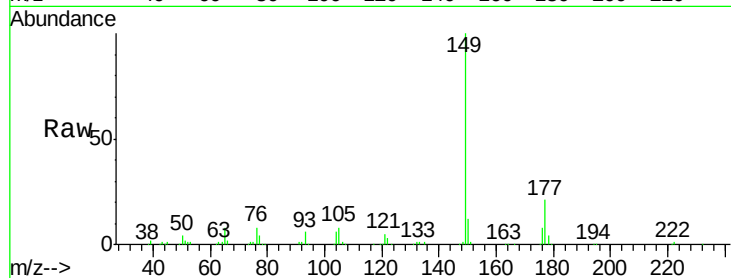




#59  
Diethylphthalate  
Concen: 36.44 ng  
RT: 10.26 min Scan# 715  
Delta R.T. -0.01 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

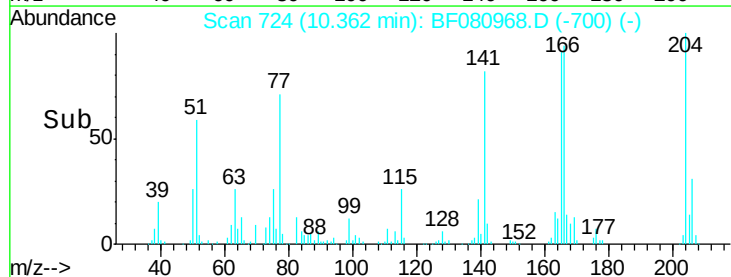
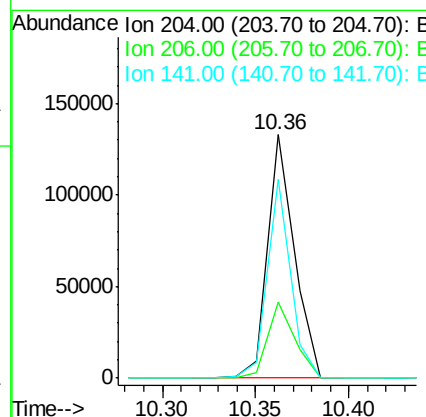
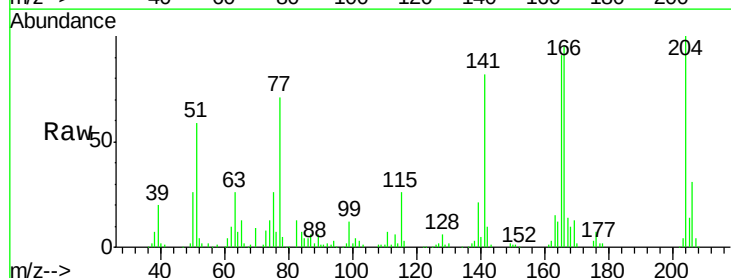
Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

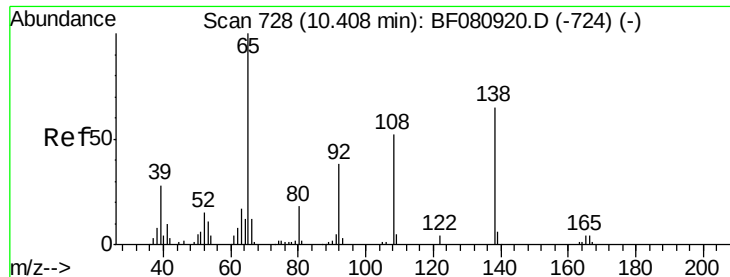
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.2  | 15.0  | 22.4  |
| 150     | 12.3  | 10.4  | 15.6  |



#60  
4-Chlorophenyl-phenylether  
Concen: 31.85 ng  
RT: 10.36 min Scan# 724  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.0  | 25.5  | 38.3  |
| 141     | 81.6  | 63.4  | 95.0  |

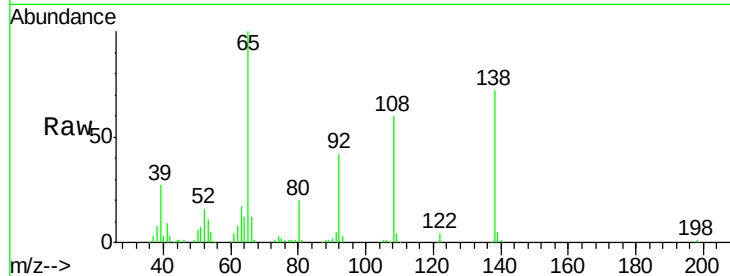




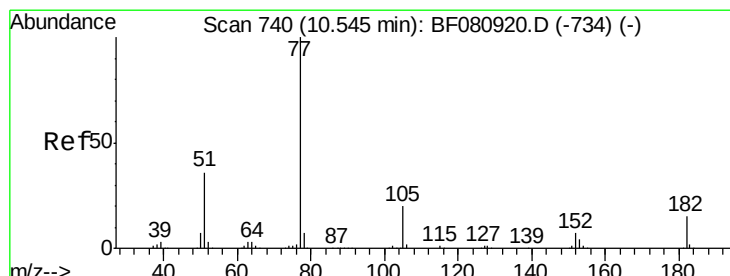
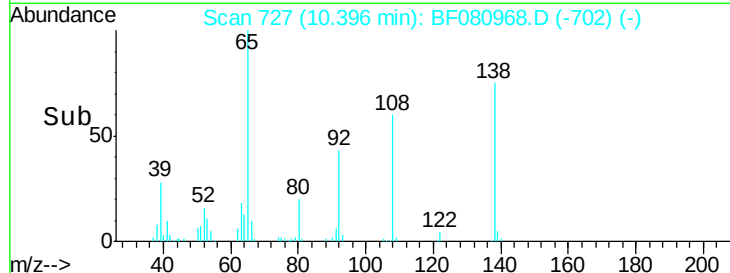
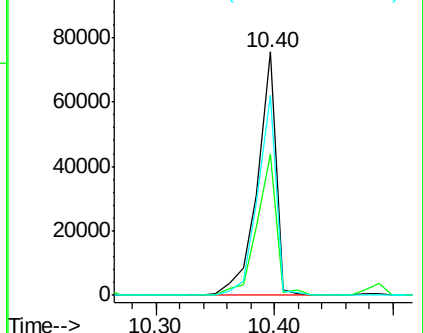
#61  
4-Nitroaniline  
Concen: 33.91 ng  
RT: 10.40 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

Tot Ion:138 Resp: 83478  
Ion Ratio Lower Upper  
138 100  
92 58.2 38.1 78.1  
108 82.2 59.9 99.9

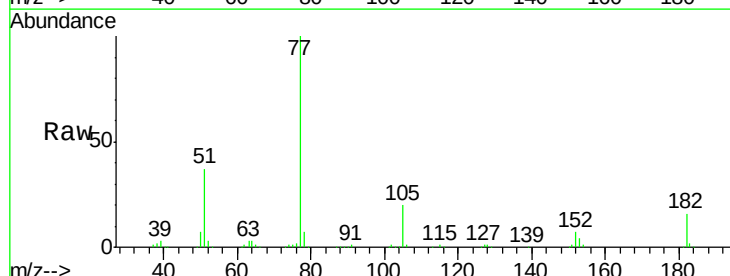


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

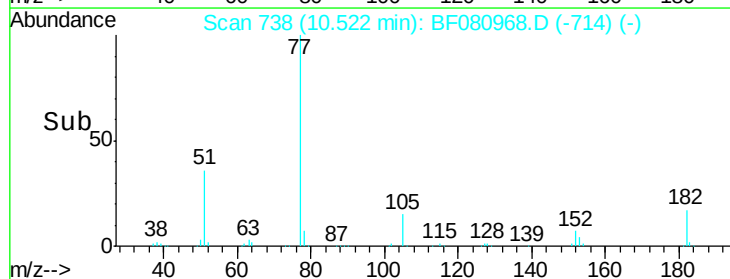
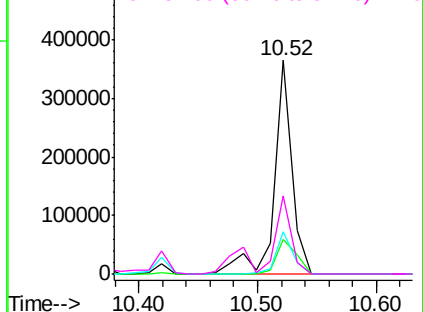


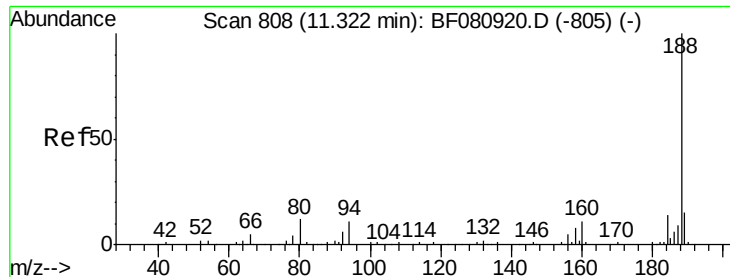
#62  
Azobenzene  
Concen: 34.63 ng  
RT: 10.52 min Scan# 738  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion: 77 Resp: 378608  
Ion Ratio Lower Upper  
77 100  
182 16.2 0.0 35.5  
105 19.8 0.5 40.5  
51 36.7 15.6 55.6



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

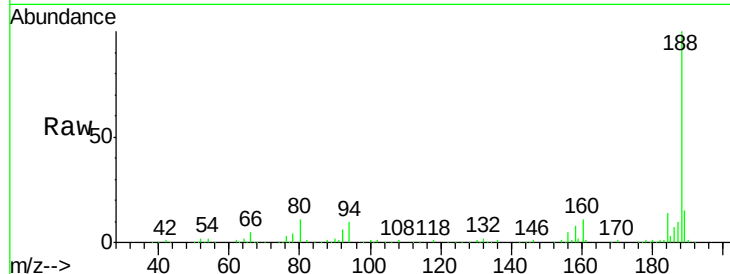




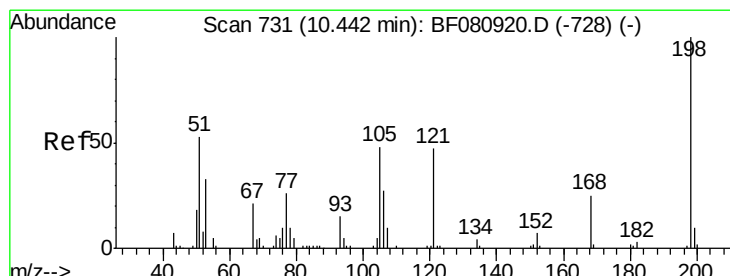
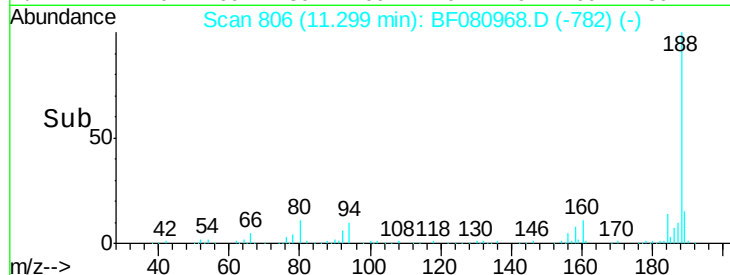
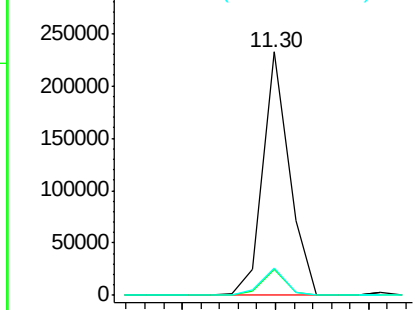
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.30 min Scan# 806  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

Tot Ion:188 Resp: 226922  
 Ion Ratio Lower Upper  
 188 100  
 94 10.5 8.8 13.2  
 80 11.3 9.5 14.3

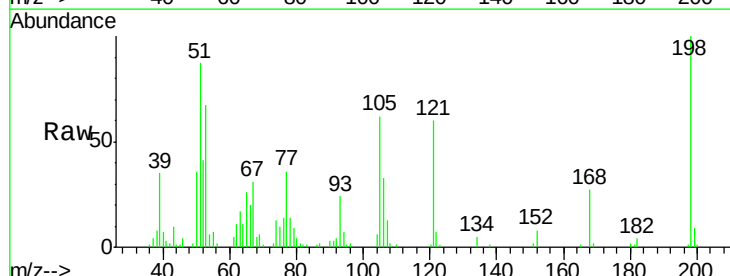


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

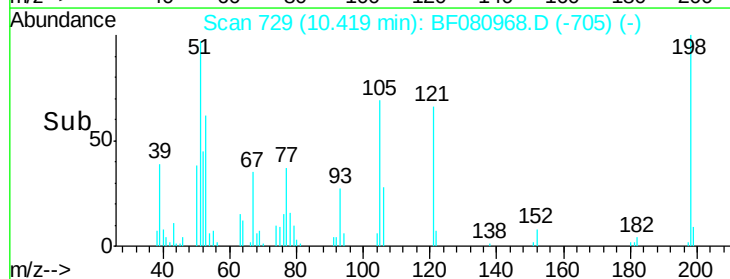
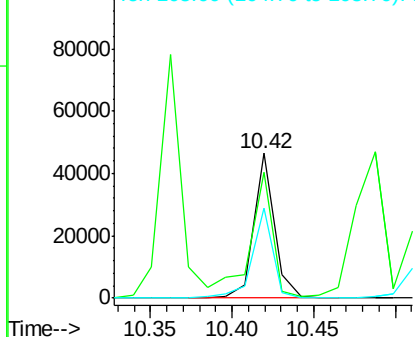


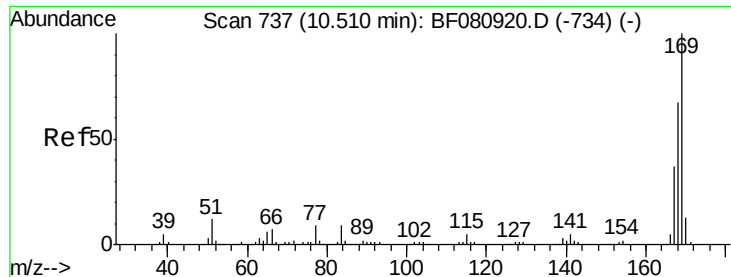
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 28.99 ng  
 RT: 10.42 min Scan# 729  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Tgt Ion:198 Resp: 40775  
 Ion Ratio Lower Upper  
 198 100  
 51 87.0 40.3 80.3#  
 105 62.0 29.6 69.6



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

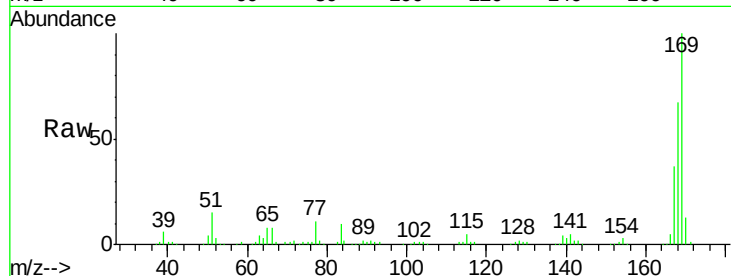




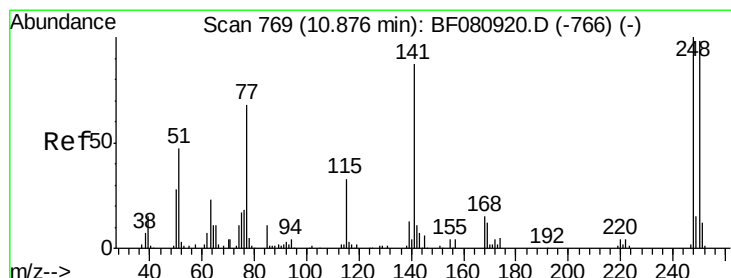
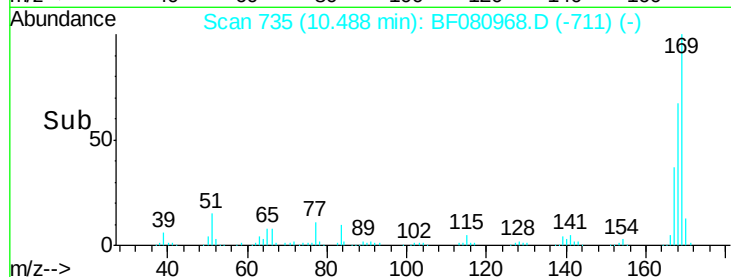
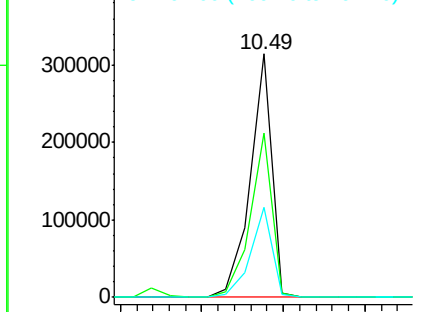
#65  
 n-Nitrosodiphenylamine  
 Concen: 36.82 ng  
 RT: 10.49 min Scan# 735  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.3  | 53.7  | 80.5  |
| 167     | 37.2  | 29.3  | 43.9  |

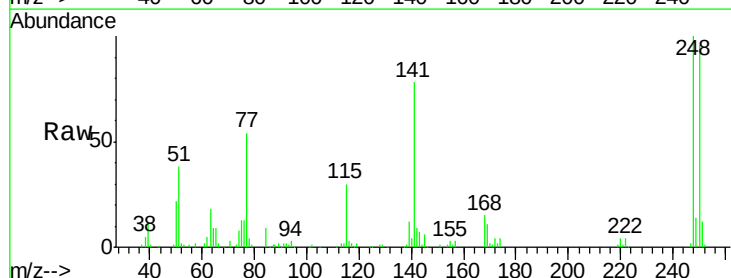


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

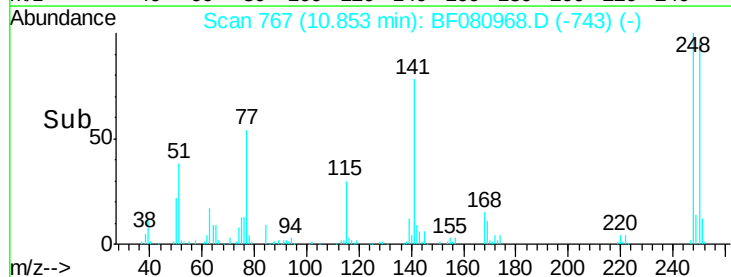
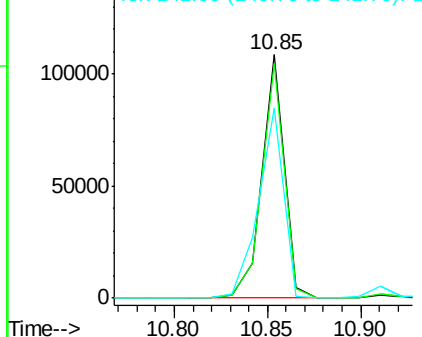


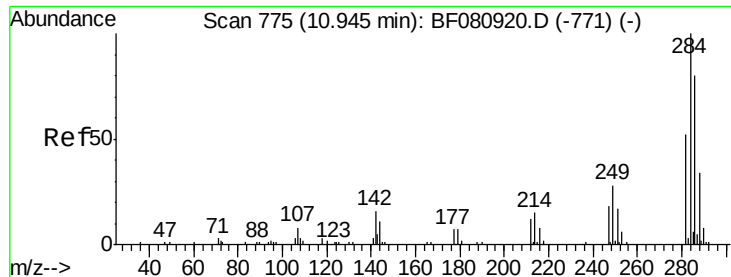
#66  
 4-Bromophenyl-phenylether  
 Concen: 37.12 ng  
 RT: 10.85 min Scan# 767  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.2  | 78.1  | 117.1 |
| 141     | 78.0  | 69.6  | 104.4 |



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

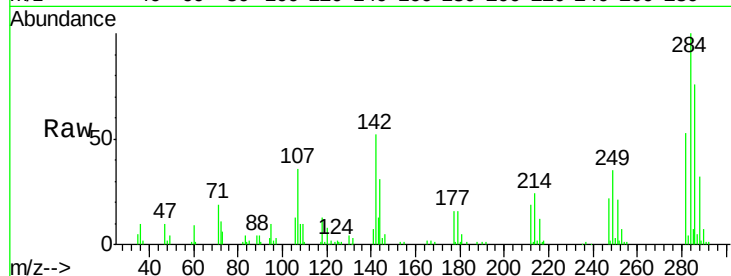




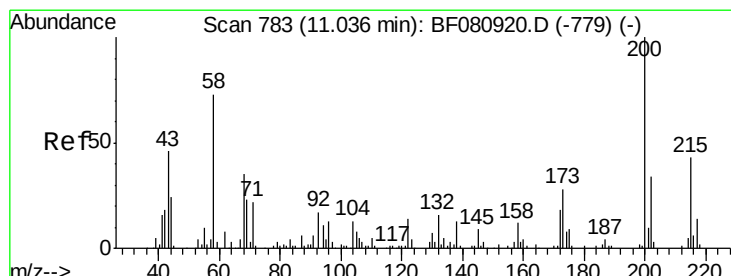
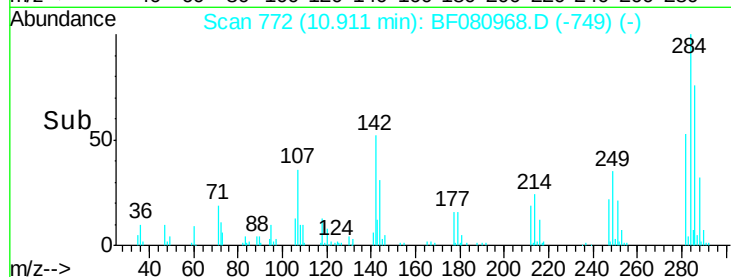
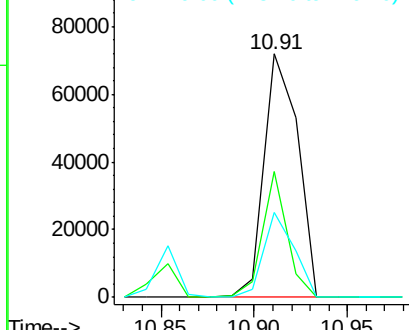
#67  
Hexachlorobenzene  
Concen: 33.59 ng  
RT: 10.91 min Scan# 772  
Delta R.T. -0.03 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

Tot Ion:284 Resp: 89762  
Ion Ratio Lower Upper  
284 100  
142 51.5 12.8 19.2#  
249 34.9 22.5 33.7#

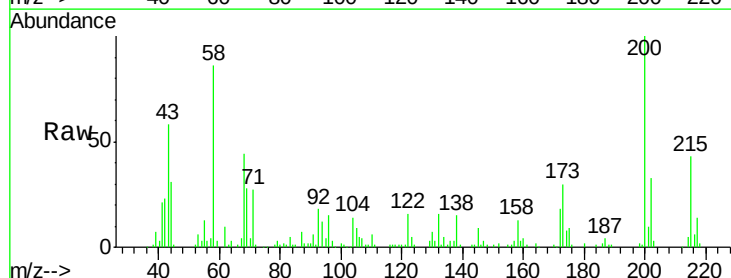


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

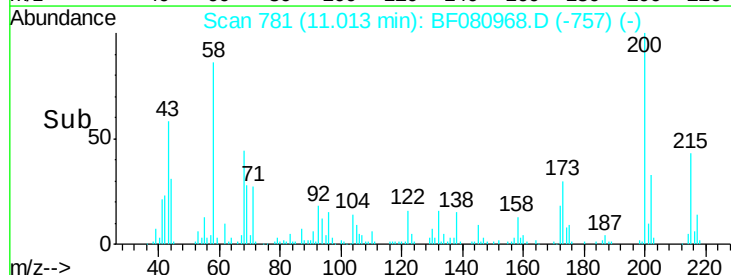
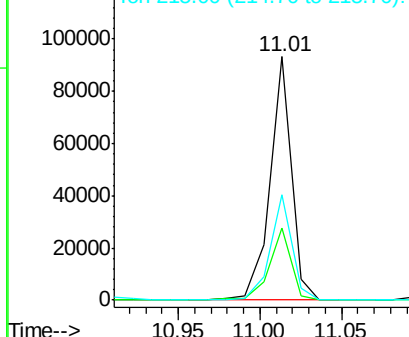


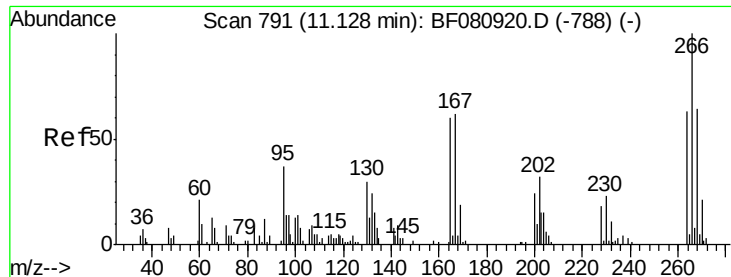
#68  
Atrazine  
Concen: 37.02 ng  
RT: 11.01 min Scan# 781  
Delta R.T. -0.02 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion:200 Resp: 85581  
Ion Ratio Lower Upper  
200 100  
173 29.5 8.4 48.4  
215 43.3 22.7 62.7



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

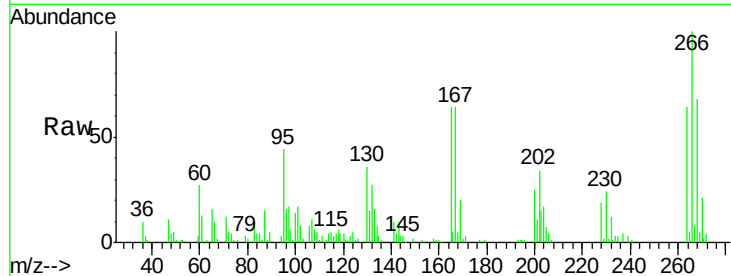




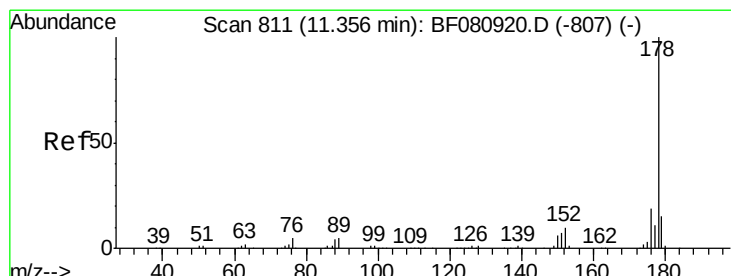
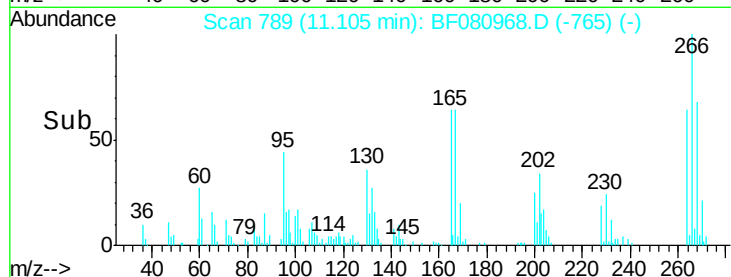
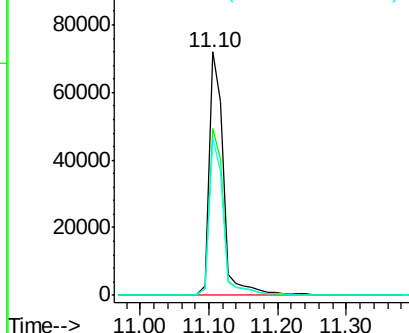
#69  
 Pentachlorophenol  
 Concen: 67.48 ng  
 RT: 11.10 min Scan# 789  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.3  | 51.6  | 77.4  |
| 264     | 64.1  | 50.1  | 75.1  |

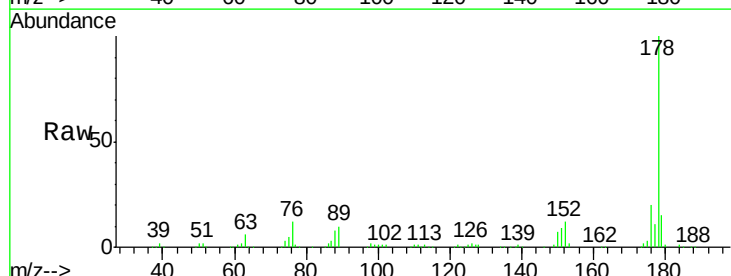


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

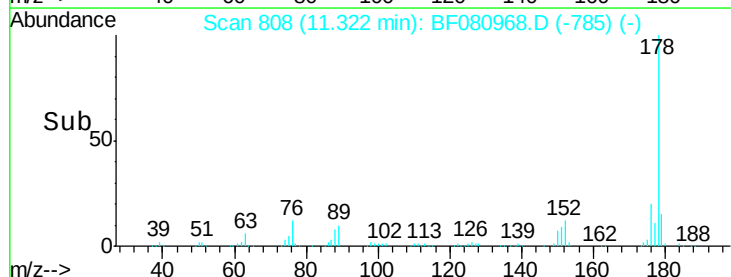
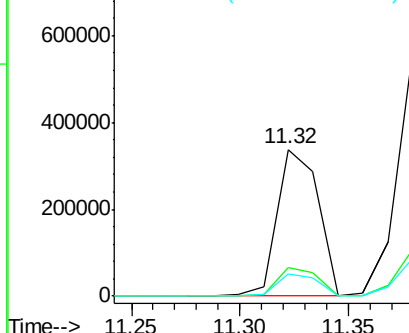


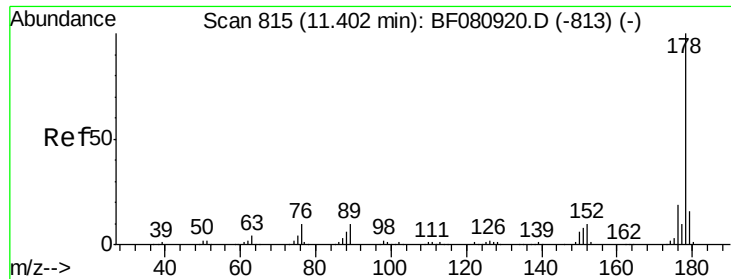
#70  
 Phenanthrene  
 Concen: 34.70 ng  
 RT: 11.32 min Scan# 808  
 Delta R.T. -0.03 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.6  | 23.4  |
| 179     | 15.5  | 11.9  | 17.9  |



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

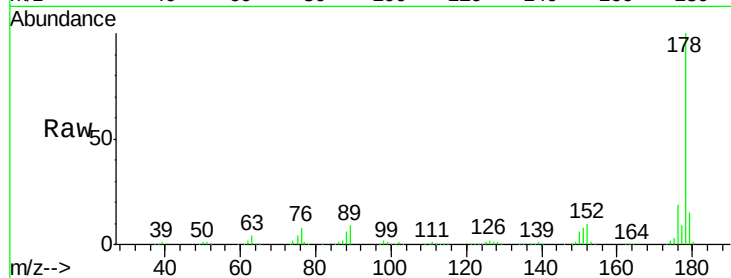




#71  
 Anthracene  
 Concen: 38.27 ng  
 RT: 11.38 min Scan# 813  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

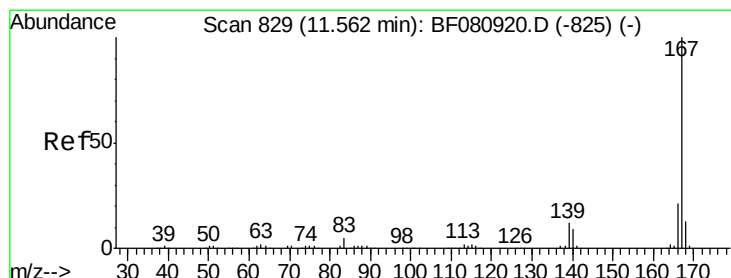
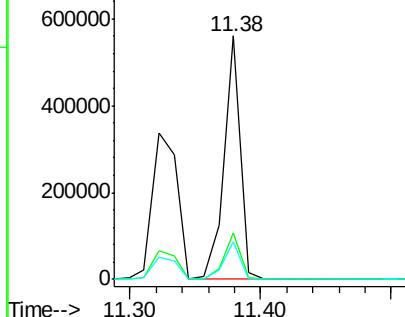
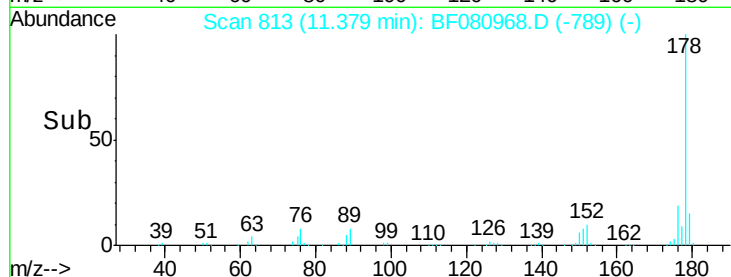
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

Tot Ion:178 Resp: 486830  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.5 23.3  
 179 15.3 12.6 18.8



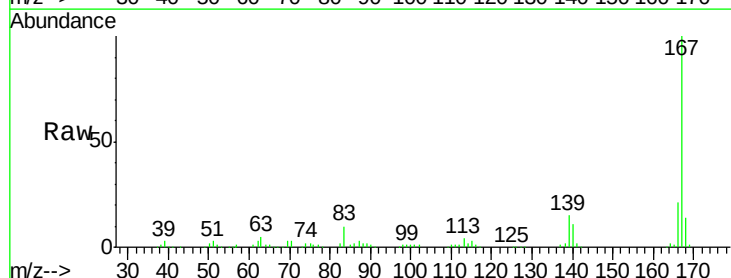
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

11.38



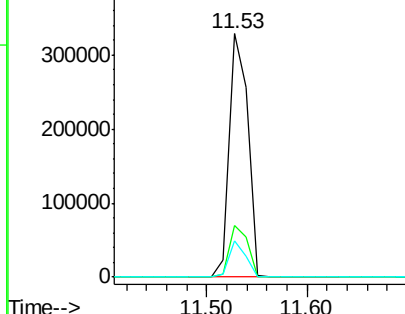
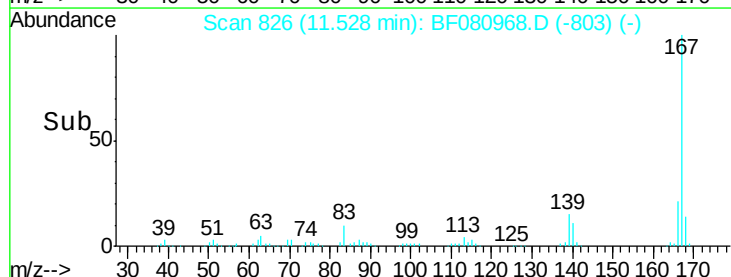
#72  
 Carbazole  
 Concen: 34.06 ng  
 RT: 11.53 min Scan# 826  
 Delta R.T. -0.03 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Tgt Ion:167 Resp: 421850  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.1 25.7  
 139 14.8 9.2 13.8#

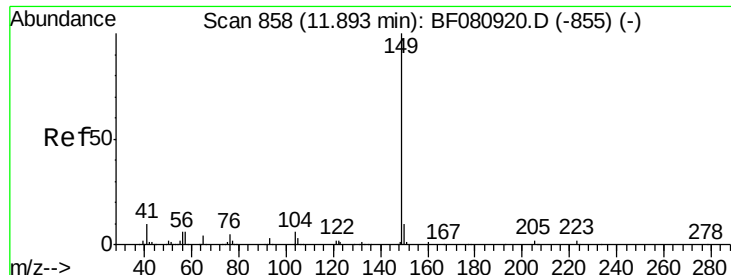


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

11.53







#73

Di-n-butylphthalate

Concen: 39.34 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

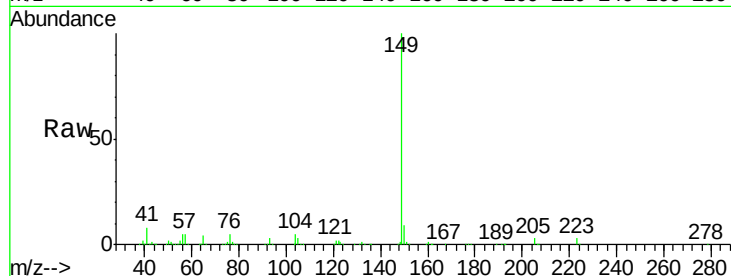
Tot Ion:149 Resp: 609204

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

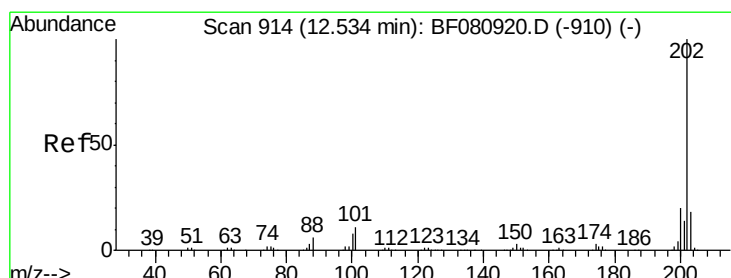
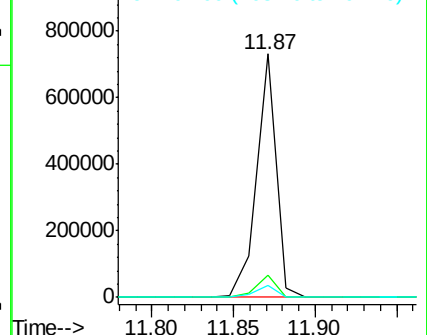
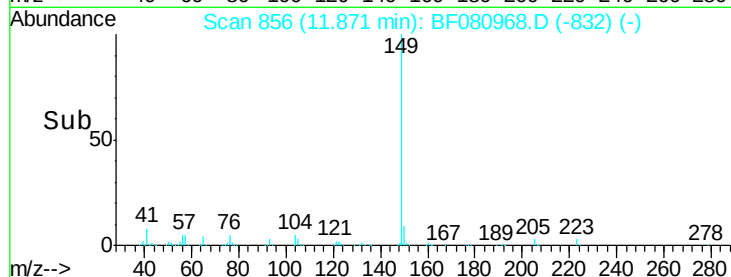
104 5.1 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.52 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

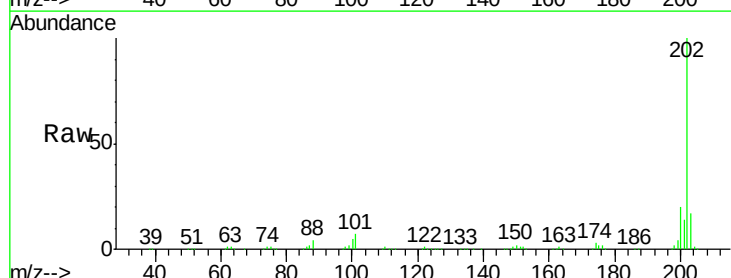
Tgt Ion:202 Resp: 535027

Ion Ratio Lower Upper

202 100

101 7.1 0.0 30.5

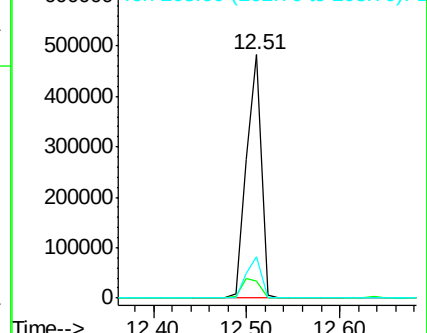
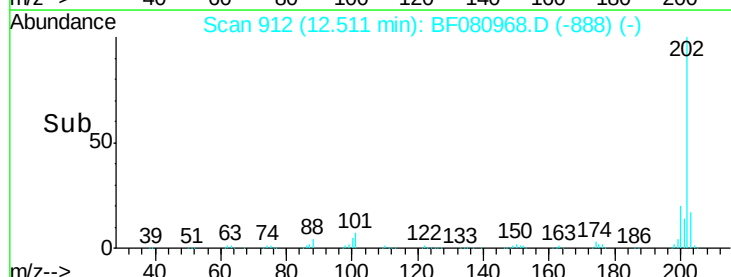
203 17.2 0.0 37.7

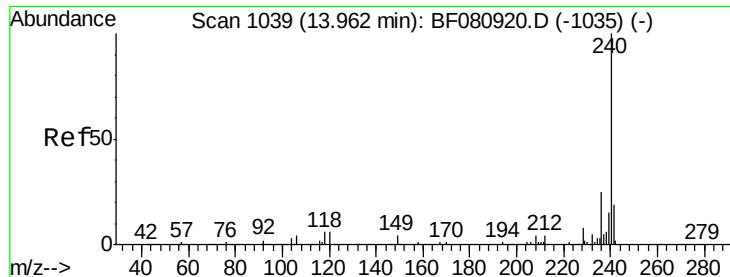


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

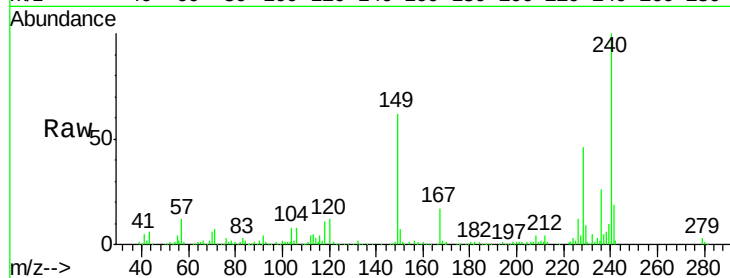
Tot Ion:240 Resp: 181872

Ion Ratio Lower Upper

240 100

120 11.9 5.2 7.8#

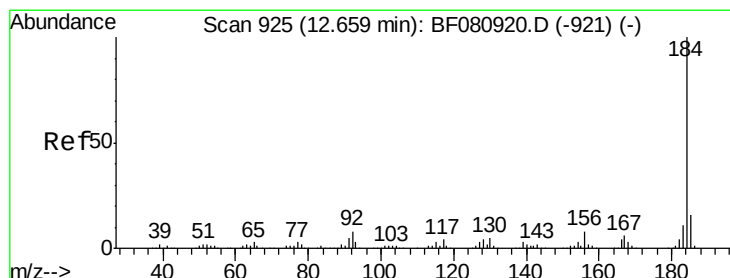
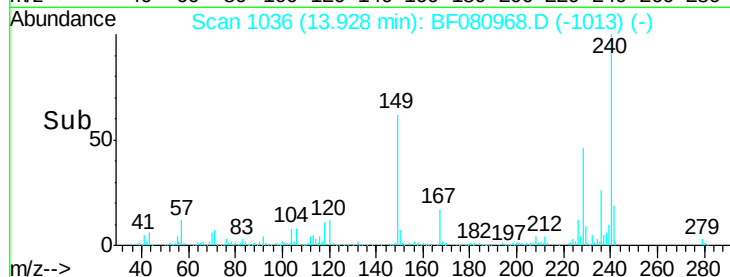
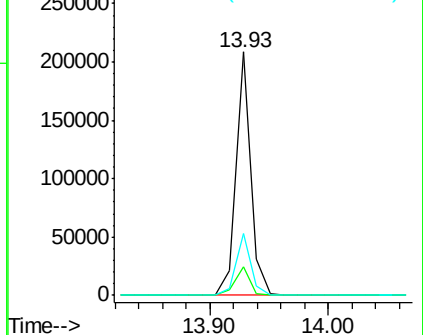
236 25.5 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.45 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

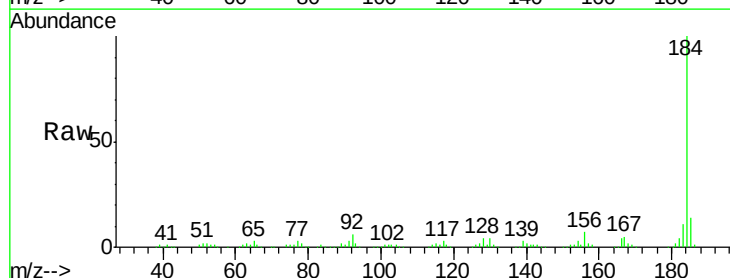
Tgt Ion:184 Resp: 353726

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.4

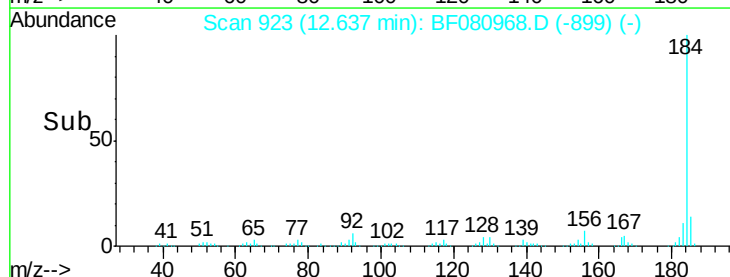
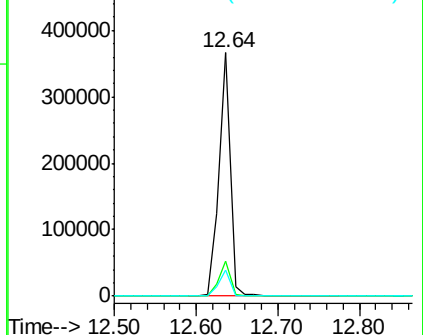
183 10.9 8.7 13.1

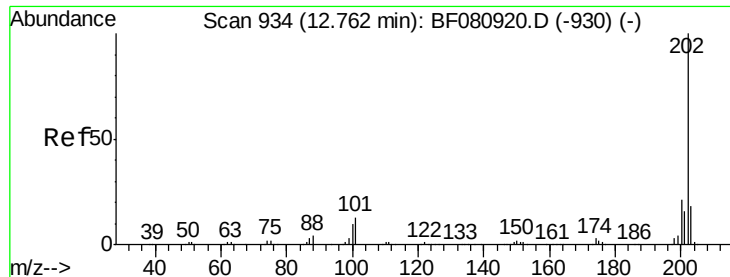


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

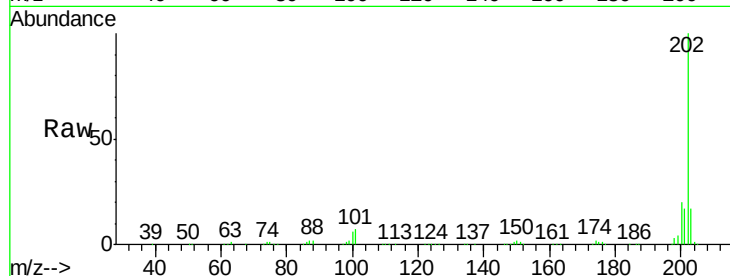




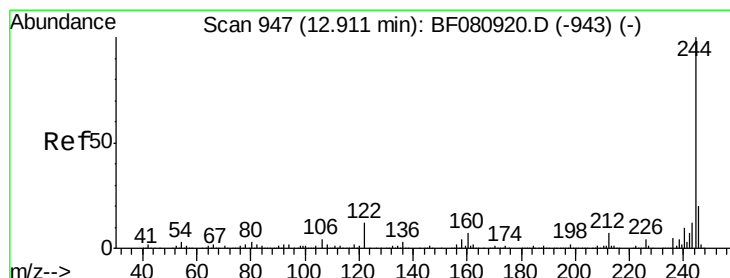
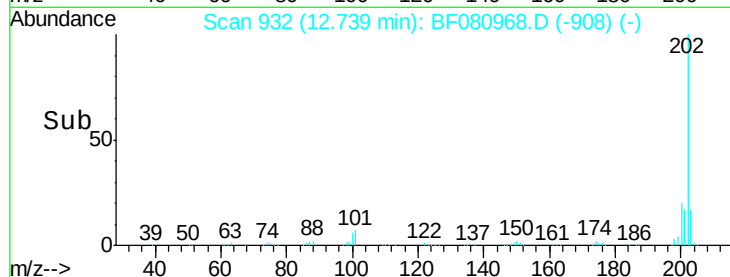
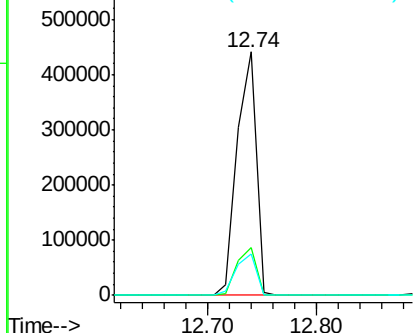
#77  
 Pvrene  
 Concen: 39.41 ng  
 RT: 12.74 min Scan# 932  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 19.7  | 16.6  | 24.8  |
| 203     | 17.2  | 14.2  | 21.2  |

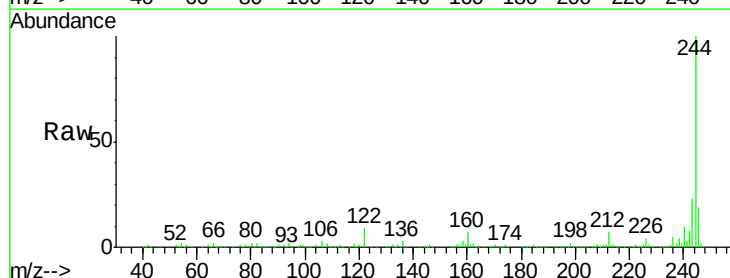


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

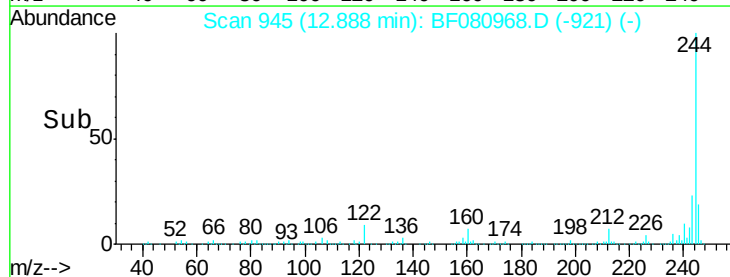
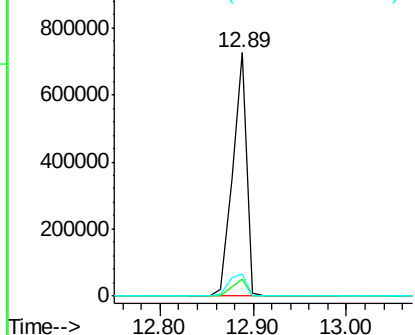


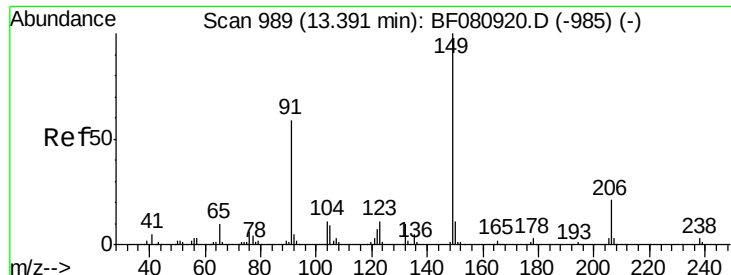
#78  
 Terphenyl-d14  
 Concen: 86.58 ng  
 RT: 12.89 min Scan# 945  
 Delta R.T. -0.02 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.8   | 8.8   |
| 122     | 9.1   | 9.4   | 14.2# |



Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

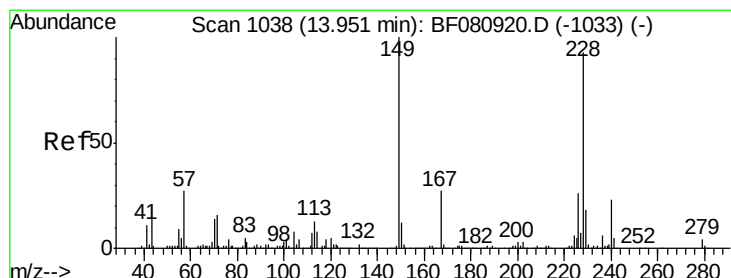
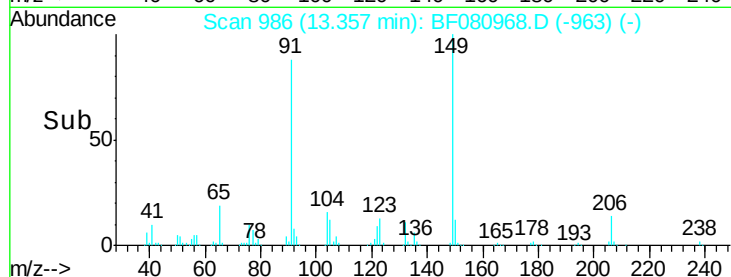
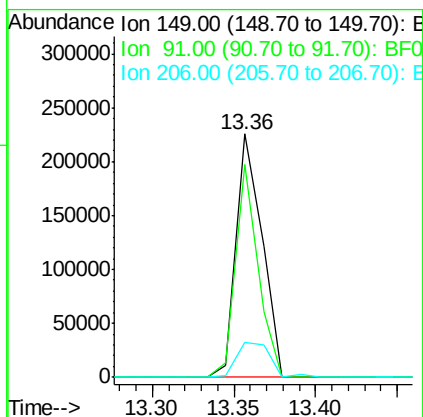
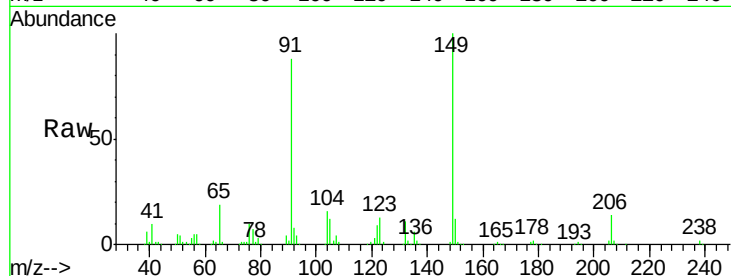




#79  
Butylbenzylphthalate  
Concen: 38.04 ng  
RT: 13.36 min Scan# 986  
Delta R.T. -0.03 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

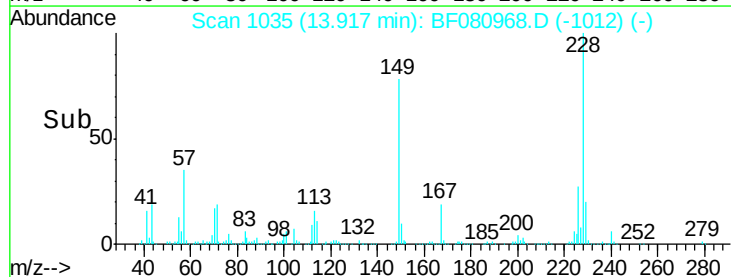
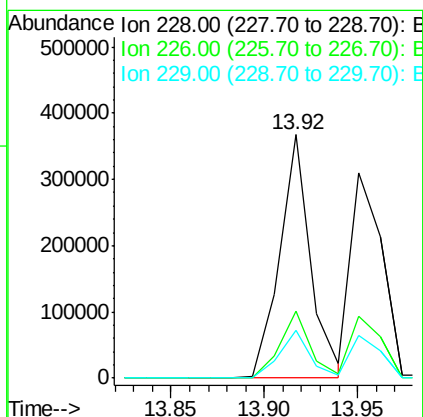
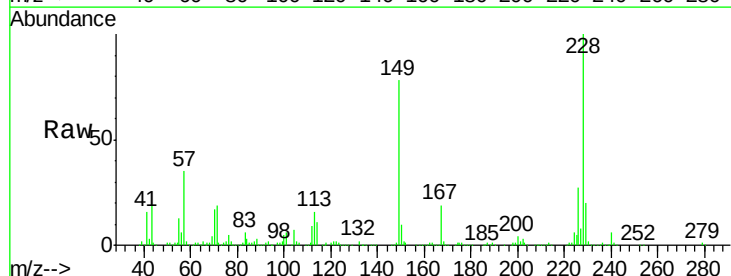
Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

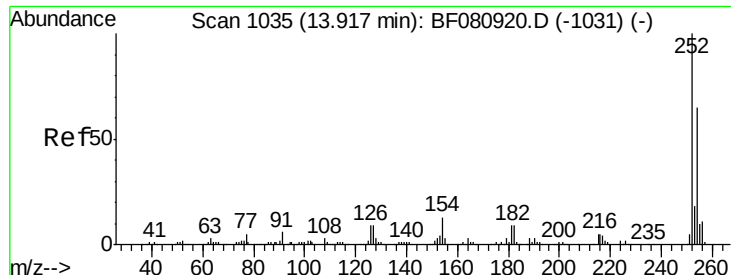
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 87.6  | 47.2  | 70.8# |
| 206     | 14.4  | 16.5  | 24.7# |



#80  
Benzo(a)anthracene  
Concen: 36.76 ng  
RT: 13.92 min Scan# 1035  
Delta R.T. -0.03 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.4  | 22.2  | 33.2  |
| 229     | 19.6  | 15.8  | 23.6  |

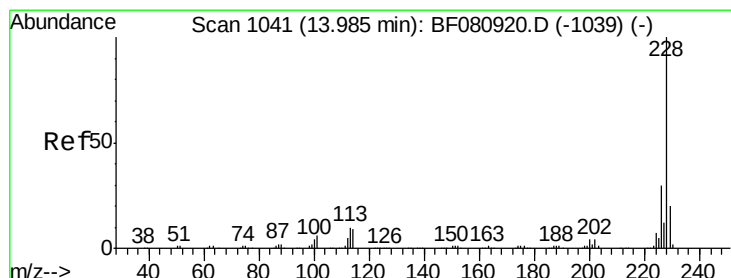
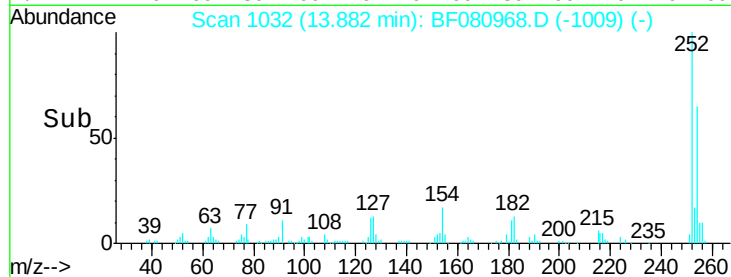
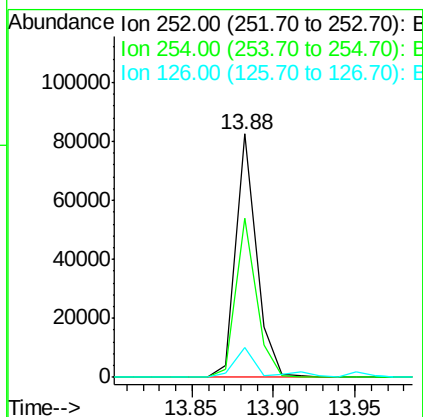
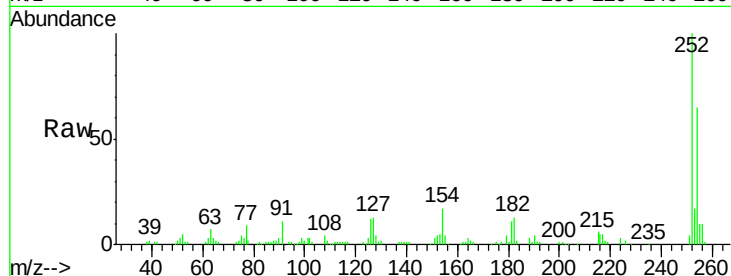




#81  
 3,3'-Dichlorobenzidine  
 Concen: 17.21 ng  
 RT: 13.88 min Scan# 1032  
 Delta R.T. -0.03 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

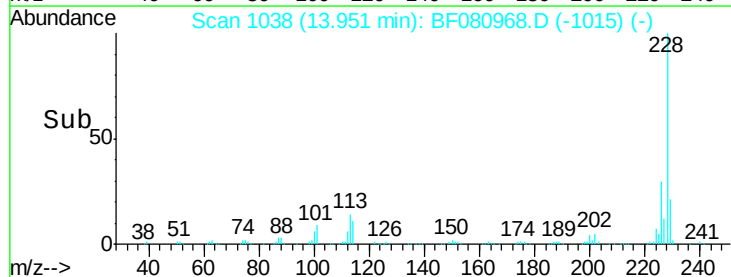
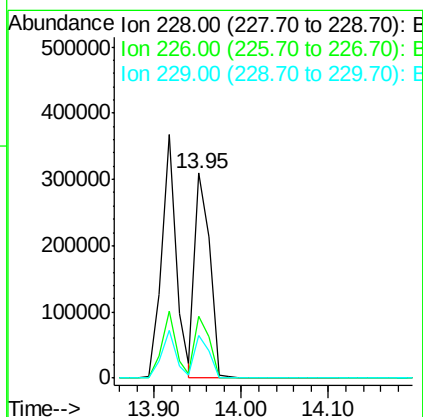
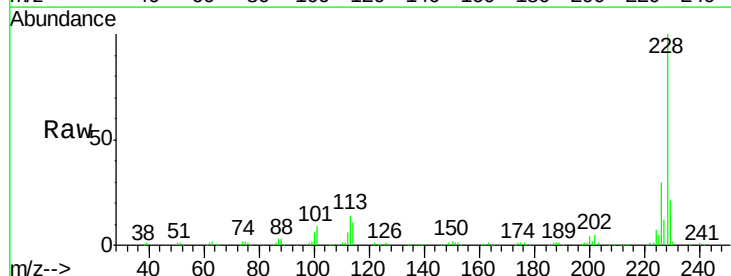
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB84929BS

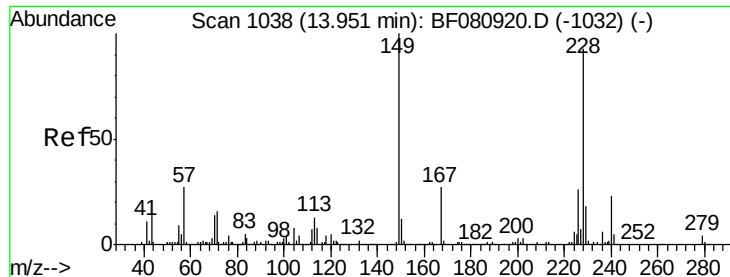
Tot Ion:252 Resp: 71932  
 Ion Ratio Lower Upper  
 252 100  
 254 65.3 51.7 77.5  
 126 12.4 7.1 10.7#



#82  
 Chrysene  
 Concen: 33.44 ng  
 RT: 13.95 min Scan# 1038  
 Delta R.T. -0.03 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

Tgt Ion:228 Resp: 367890  
 Ion Ratio Lower Upper  
 228 100  
 226 30.1 23.9 35.9  
 229 20.6 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.06 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

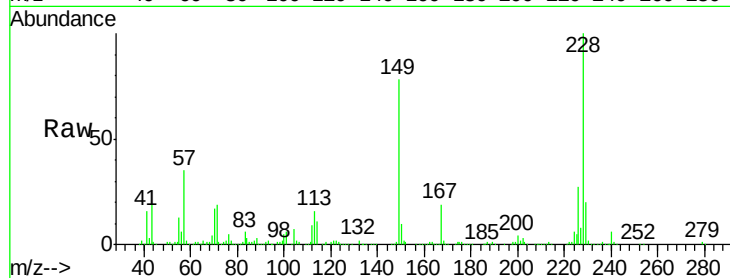
Tot Ion:149 Resp: 297935

Ion Ratio Lower Upper

149 100

167 24.0 21.4 32.0

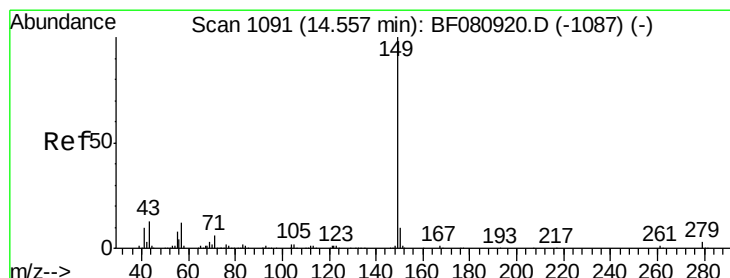
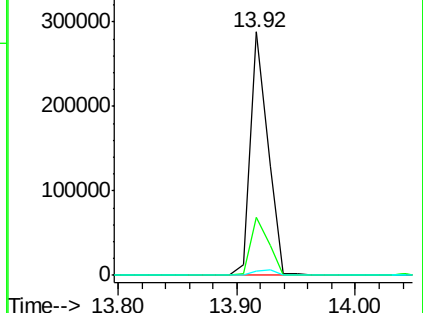
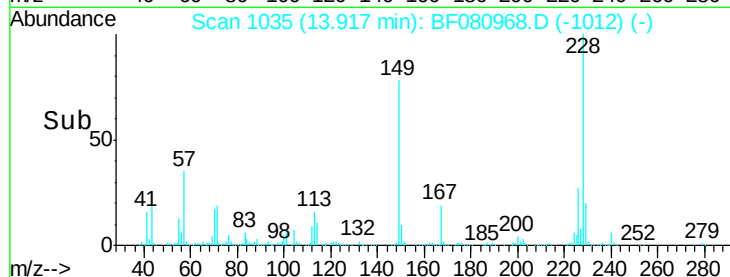
279 1.9 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.45 ng

RT: 14.52 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

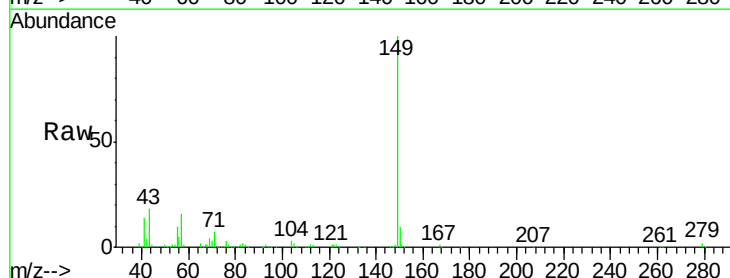
Tgt Ion:149 Resp: 526429

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

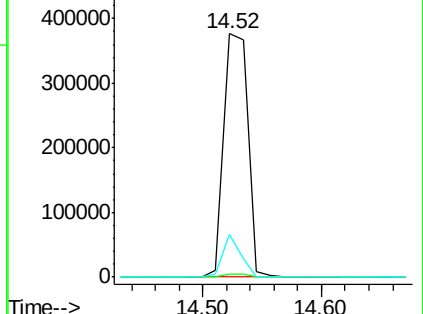
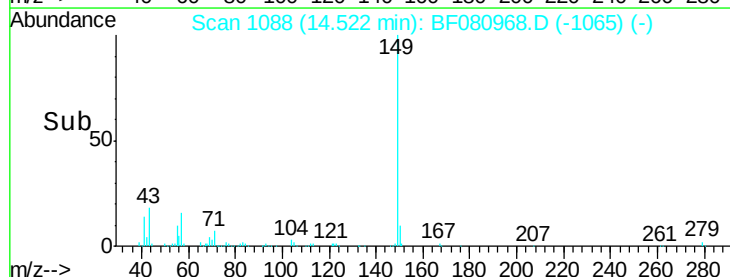
43 13.2 11.0 16.4

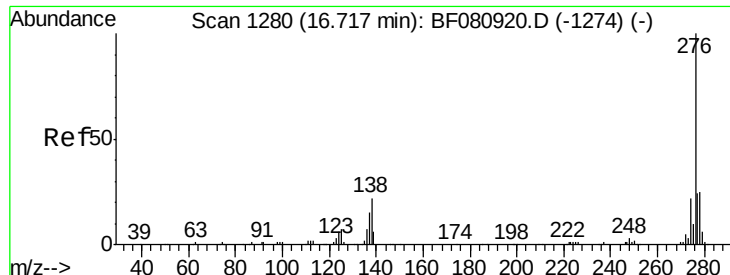


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

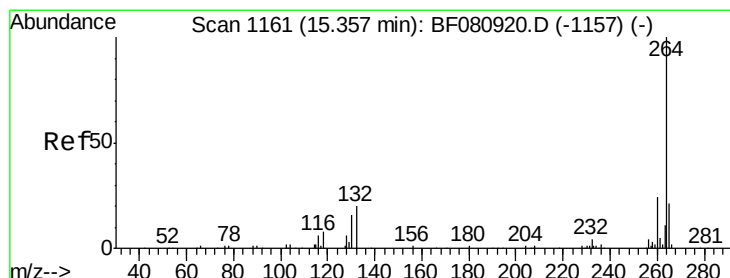
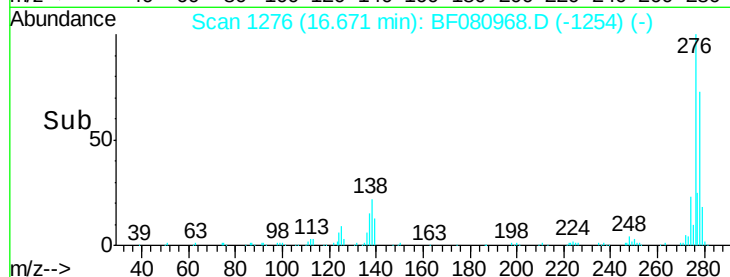
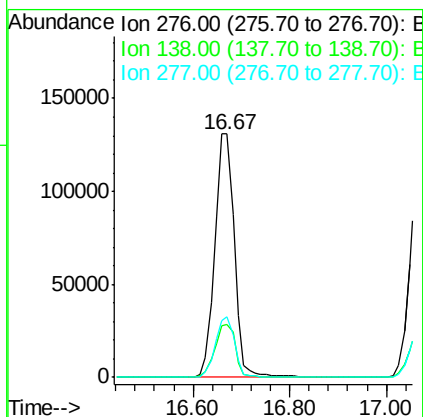
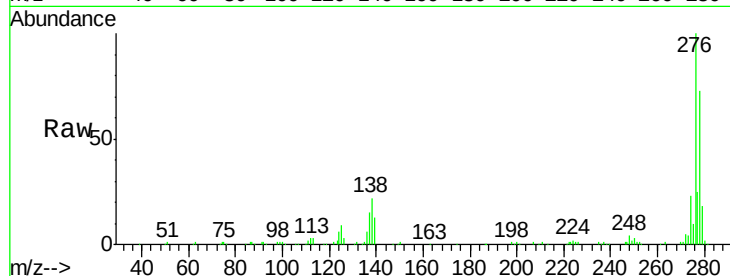




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.70 ng  
 RT: 16.67 min Scan# 1276  
 Delta R.T. -0.05 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

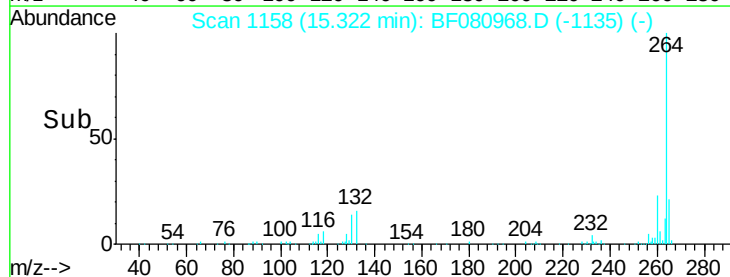
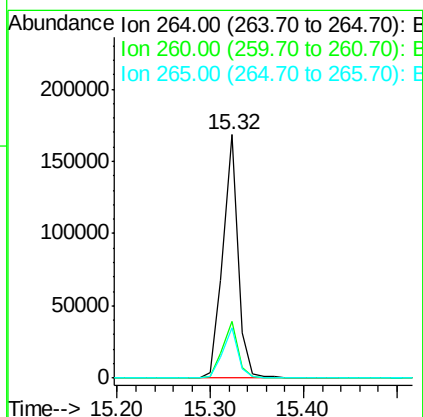
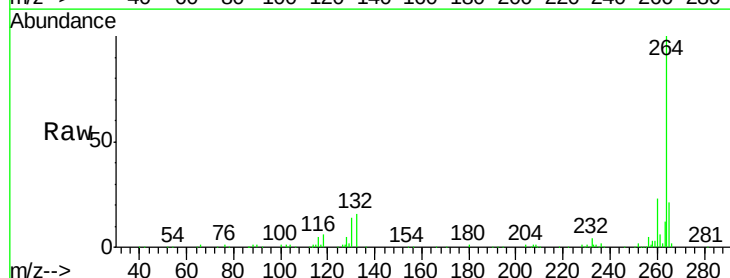
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84929BS

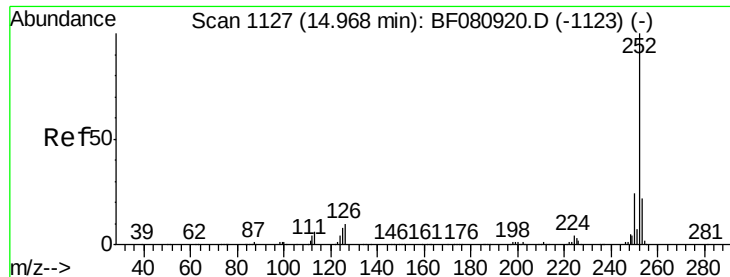
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.8  | 19.9  | 29.9  |
| 277     | 24.5  | 19.7  | 29.5  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.32 min Scan# 1158  
 Delta R.T. -0.03 min  
 Lab File: BF080968.D  
 Acq: 11 Aug 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.4  | 29.0  |
| 265     | 20.8  | 17.0  | 25.4  |

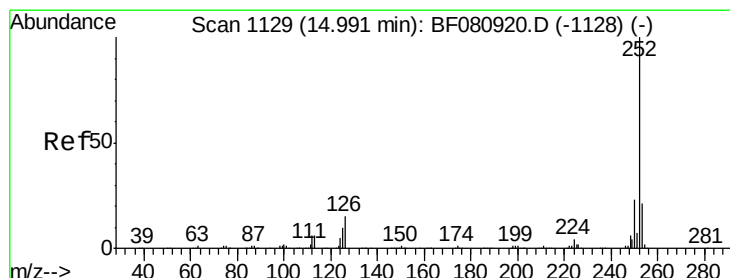
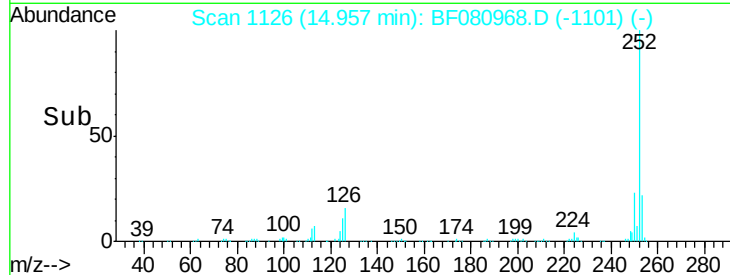
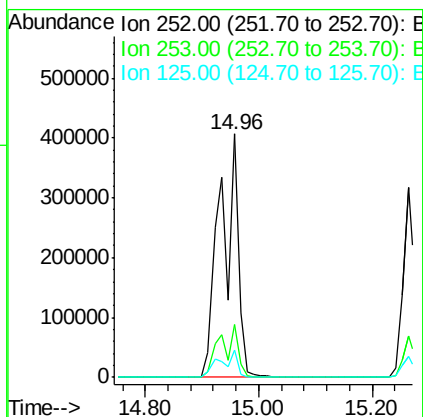
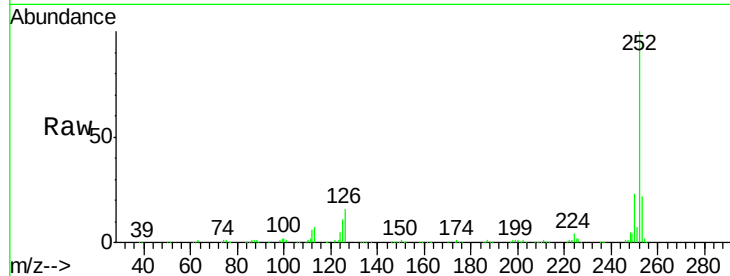




#87  
Benzo(b)fluoranthene  
Concen: 67.00 ng  
RT: 14.96 min Scan# 1126  
Delta R.T. -0.01 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

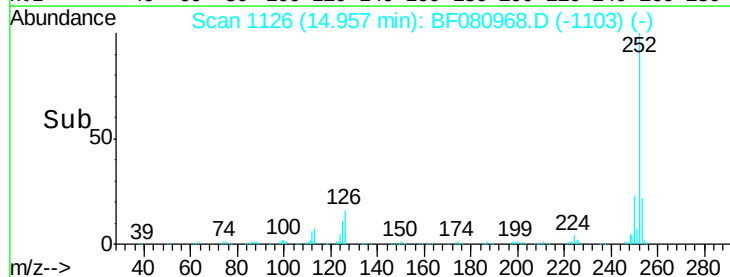
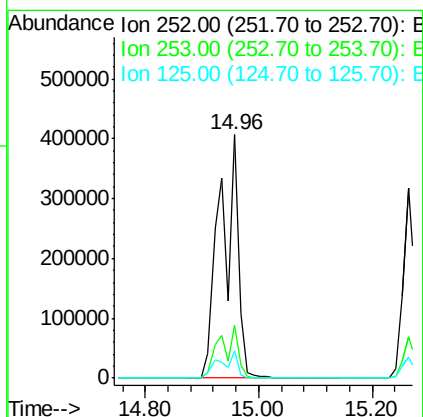
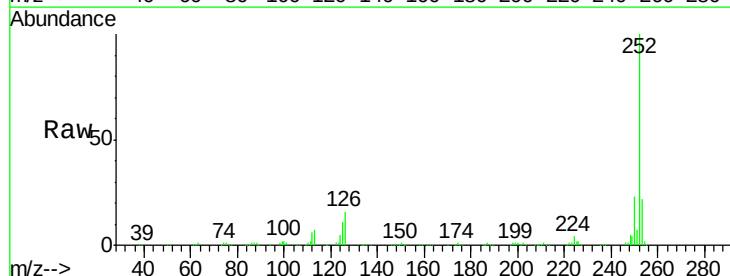
Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

Tot Ion:252 Resp: 890204  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.6 26.4  
125 11.1 6.1 9.1#

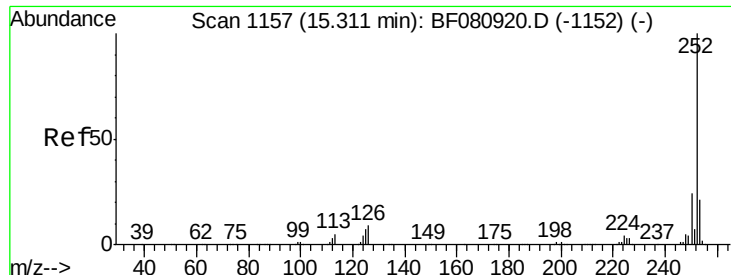


#88  
Benzo(k)fluoranthene  
Concen: 76.58 ng  
RT: 14.96 min Scan# 1126  
Delta R.T. -0.03 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion:252 Resp: 890204  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.2  
125 11.1 9.0 13.6



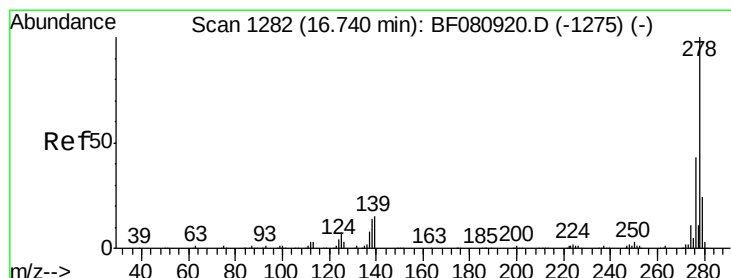
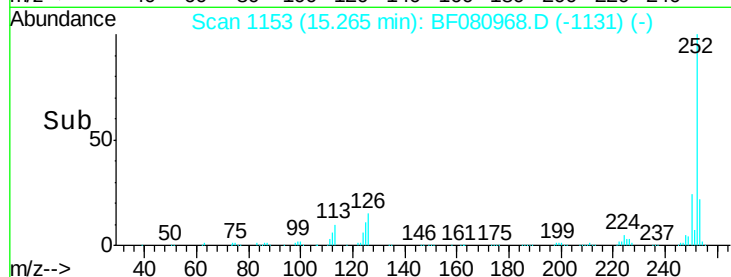
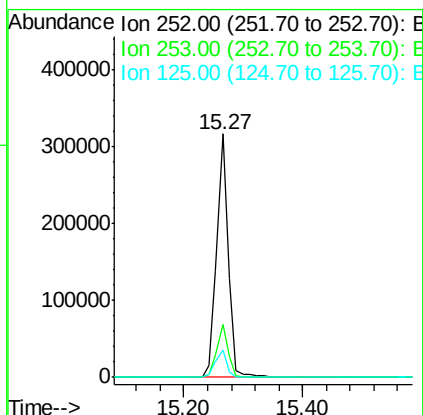
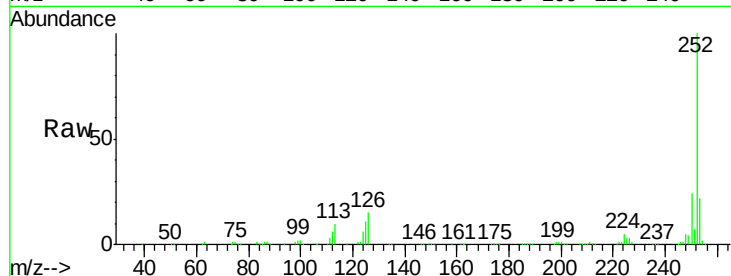




#89  
Benzo(a)pyrene  
Concen: 37.57 ng  
RT: 15.27 min Scan# 1153  
Delta R.T. -0.05 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

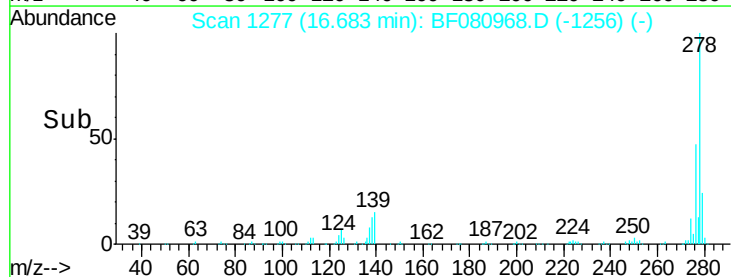
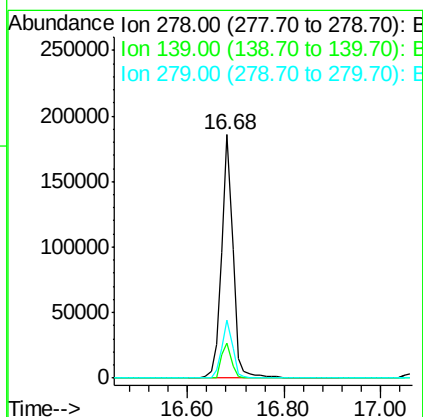
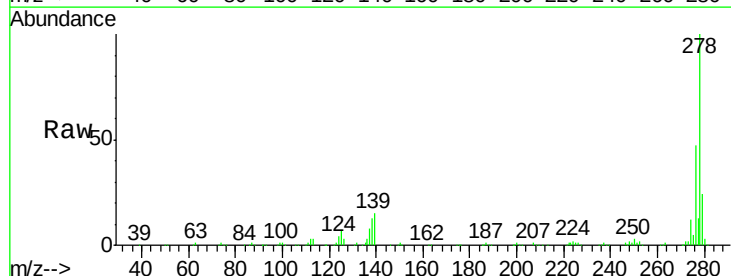
Instrument :  
BNA\_F  
ClientSampleId :  
PB84929BS

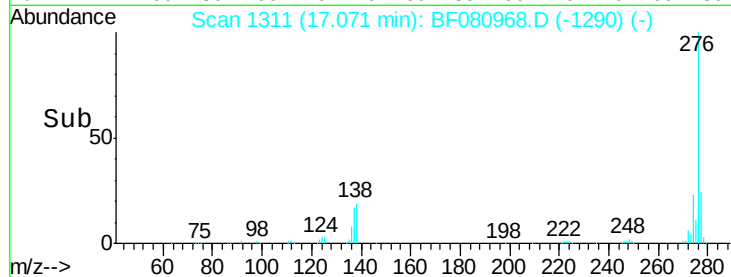
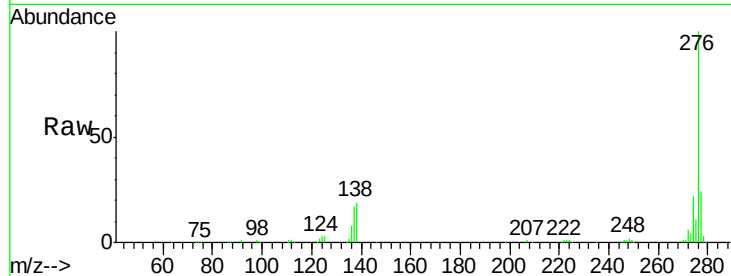
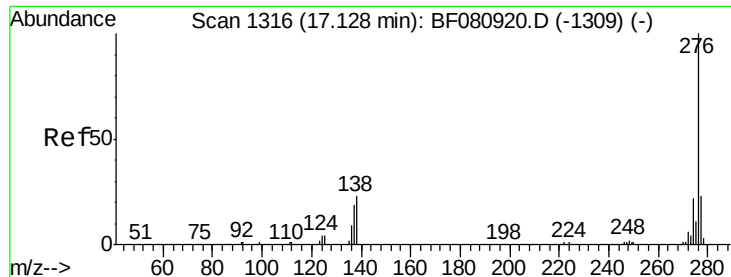
Tot Ion:252 Resp: 429108  
Ion Ratio Lower Upper  
252 100  
253 21.8 16.9 25.3  
125 11.4 5.8 8.8#



#90  
Dibenzo(a,h)anthracene  
Concen: 30.37 ng  
RT: 16.68 min Scan# 1277  
Delta R.T. -0.06 min  
Lab File: BF080968.D  
Acq: 11 Aug 2015 18:34

Tgt Ion:278 Resp: 306720  
Ion Ratio Lower Upper  
278 100  
139 14.6 11.9 17.9  
279 23.7 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 31.05 ng

RT: 17.07 min Scan# 1311

Delta R.T. -0.06 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB84929BS

Tot Ion: 276 Resp: 305055

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 19.0 18.4 27.6

