

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062415\  
 Data File : BF080133.D  
 Acq On : 24 Jun 2015 15:43  
 Operator : TP/IZ  
 Sample : PB84172BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

Quant Time: Jun 25 01:09:00 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 25 00:52:28 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.32  | 152  | 36770    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.61  | 136  | 139039   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.38 | 164  | 72368    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.89 | 188  | 143070   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.95 | 240  | 144043   | 20.00 | ng    | 0.02     |
| 86) Perylene-d12          | 16.88 | 264  | 139771   | 20.00 | ng    | 0.05     |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.92  | 112 | 275883 | 132.81 | ng | 0.00  |
| 7) Phenol-d6             | 6.92  | 99  | 374226 | 135.39 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.86  | 82  | 205224 | 85.93  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 11.17 | 330 | 91259  | 128.96 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.68  | 172 | 457873 | 90.23  | ng | 0.00  |
| 78) Terphenyl-d14        | 13.63 | 244 | 513096 | 83.19  | ng | 0.01  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.20 | 88  | 31284   | 31.69 | ng | 92     |
| 3) Pyridine                    | 4.01 | 79  | 112351  | 42.79 | ng | # 83   |
| 4) n-Nitrosodimethylamine      | 3.92 | 42  | 52053   | 41.71 | ng | 97     |
| 6) Aniline                     | 6.97 | 93  | 113464  | 29.84 | ng | 99     |
| 8) 2-Chlorophenol              | 7.10 | 128 | 100478  | 41.85 | ng | 98     |
| 9) Benzaldehyde                | 6.86 | 77  | 57279   | 35.90 | ng | # 82   |
| 10) Phenol                     | 6.93 | 94  | 144724  | 47.98 | ng | 76     |
| 11) bis(2-Chloroethyl)ether    | 7.03 | 93  | 106034  | 44.31 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.26 | 146 | 118967  | 41.25 | ng | # 96   |
| 13) 1,4-Dichlorobenzene        | 7.33 | 146 | 111970m | 40.82 | ng |        |
| 14) 1,2-Dichlorobenzene        | 7.49 | 146 | 116212  | 43.54 | ng | 95     |
| 15) Benzyl Alcohol             | 7.44 | 79  | 89024   | 39.39 | ng | # 82   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.58 | 45  | 155641  | 43.81 | ng | 88     |
| 17) 2-Methylphenol             | 7.54 | 107 | 88567   | 43.19 | ng | # 87   |
| 18) Hexachloroethane           | 7.83 | 117 | 35157   | 38.50 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.70 | 70  | 80189   | 41.78 | ng | # 77   |
| 20) 3+4-Methylphenols          | 7.69 | 107 | 113482  | 42.88 | ng | 90     |
| 22) Acetophenone               | 7.72 | 105 | 139356  | 43.01 | ng | # 81   |
| 24) Nitrobenzene               | 7.89 | 77  | 116392  | 47.22 | ng | # 68   |
| 25) Isophorone                 | 8.13 | 82  | 198112  | 41.22 | ng | # 94   |
| 26) 2-Nitrophenol              | 8.21 | 139 | 46829   | 45.39 | ng | # 48   |
| 27) 2,4-Dimethylphenol         | 8.23 | 122 | 96632   | 44.91 | ng | # 79   |
| 28) bis(2-Chloroethoxy)methane | 8.33 | 93  | 118620  | 42.00 | ng | # 94   |
| 29) 2,4-Dichlorophenol         | 8.45 | 162 | 90004   | 48.85 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.54 | 180 | 88930   | 42.50 | ng | 96     |
| 31) Naphthalene                | 8.63 | 128 | 294838  | 40.56 | ng | 99     |
| 32) Benzoic acid               | 8.29 | 122 | 21553m  | 16.57 | ng |        |
| 33) 4-Chloroaniline            | 8.66 | 127 | 74209m  | 23.85 | ng |        |
| 34) Hexachlorobutadiene        | 8.74 | 225 | 59251   | 45.99 | ng | 97     |
| 35) Caprolactam                | 9.00 | 113 | 24200   | 40.46 | ng | # 70   |
| 36) 4-Chloro-3-methylphenol    | 9.13 | 107 | 96327   | 46.35 | ng | # 85   |
| 37) 2-Methylnaphthalene        | 9.32 | 142 | 197325  | 41.96 | ng | # 91   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.49 | 216 | 91161   | 43.29 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.48 | 237 | 80881   | 75.05 | ng | 94     |

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 ALS Vial : 6 Sample Multiplier: 1

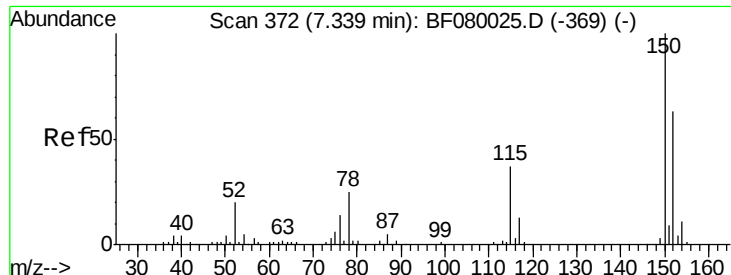
Instrument :  
 BNA\_F  
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Quant Time: Jun 25 01:09:00 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
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 QLast Update : Thu Jun 25 00:52:28 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.59  | 196  | 56873    | 39.69 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.64  | 196  | 66175    | 40.08 | ng #  | 94       |
| 45) 1,1'-Biphenyl              | 9.78  | 154  | 257594   | 43.75 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 9.82  | 162  | 192079   | 40.21 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.90  | 65   | 58185    | 44.37 | ng #  | 80       |
| 48) Acenaphthylene             | 10.24 | 152  | 308741   | 38.72 | ng    | 98       |
| 49) Dimethylphthalate          | 10.07 | 163  | 241643   | 44.41 | ng #  | 98       |
| 50) 2,6-Dinitrotoluene         | 10.14 | 165  | 48028    | 44.03 | ng    | 93       |
| 51) Acenaphthene               | 10.41 | 154  | 203275   | 41.67 | ng    | 98       |
| 52) 3-Nitroaniline             | 10.31 | 138  | 38088    | 30.27 | ng #  | 88       |
| 53) 2,4-Dinitrophenol          | 10.41 | 184  | 39311    | 87.93 | ng #  | 1        |
| 54) Dibenzofuran               | 10.58 | 168  | 286596   | 41.40 | ng    | 94       |
| 55) 4-Nitrophenol              | 10.45 | 139  | 75909    | 75.46 | ng #  | 32       |
| 56) 2,4-Dinitrotoluene         | 10.54 | 165  | 59061    | 42.67 | ng #  | 52       |
| 57) Fluorene                   | 10.93 | 166  | 234685   | 42.73 | ng    | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.70 | 232  | 56149    | 40.29 | ng    | 94       |
| 59) Diethylphthalate           | 10.78 | 149  | 237504   | 43.35 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.92 | 204  | 109489   | 41.48 | ng    | 91       |
| 61) 4-Nitroaniline             | 10.92 | 138  | 46345    | 35.66 | ng #  | 32       |
| 62) Azobenzene                 | 11.08 | 77   | 219221   | 39.31 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.96 | 198  | 27071    | 40.13 | ng #  | 64       |
| 65) n-Nitrosodiphenylamine     | 11.03 | 169  | 186665   | 40.07 | ng    | 93       |
| 66) 4-Bromophenyl-phenylether  | 11.41 | 248  | 64105    | 42.14 | ng #  | 91       |
| 67) Hexachlorobenzene          | 11.49 | 284  | 67867    | 40.14 | ng #  | 77       |
| 68) Atrazine                   | 11.54 | 200  | 58799    | 39.95 | ng    | 82       |
| 69) Pentachlorophenol          | 11.68 | 266  | 74706    | 77.98 | ng    | 98       |
| 70) Phenanthrene               | 11.91 | 178  | 333692   | 38.52 | ng    | 97       |
| 71) Anthracene                 | 11.97 | 178  | 350898   | 42.07 | ng    | 98       |
| 72) Carbazole                  | 12.12 | 167  | 293791   | 36.90 | ng    | 95       |
| 73) Di-n-butylphthalate        | 12.46 | 149  | 382192   | 41.54 | ng #  | 99       |
| 74) Fluoranthene               | 13.20 | 202  | 355721   | 38.56 | ng    | 94       |
| 76) Benzidine                  | 13.33 | 184  | 210838   | 52.36 | ng    | 98       |
| 77) Pyrene                     | 13.48 | 202  | 386600   | 43.59 | ng    | 97       |
| 79) Butylbenzylphthalate       | 14.20 | 149  | 161502   | 45.35 | ng    | 92       |
| 80) Benzo(a)anthracene         | 14.94 | 228  | 354660   | 40.42 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.88 | 252  | 77453    | 25.59 | ng #  | 92       |
| 82) Chrysene                   | 14.99 | 228  | 328621   | 40.61 | ng    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 14.92 | 149  | 239934   | 42.63 | ng #  | 92       |
| 84) Di-n-octyl phthalate       | 15.76 | 149  | 408707   | 42.37 | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.73 | 276  | 354605   | 34.75 | ng #  | 88       |
| 87) Benzo(b)fluoranthene       | 16.33 | 252  | 335761   | 39.68 | ng #  | 88       |
| 88) Benzo(k)fluoranthene       | 16.37 | 252  | 327009   | 37.95 | ng #  | 90       |
| 89) Benzo(a)pyrene             | 16.80 | 252  | 319518   | 39.76 | ng #  | 86       |
| 90) Dibenzo(a,h)anthracene     | 18.76 | 278  | 294147   | 35.76 | ng #  | 81       |
| 91) Benzo(g,h,i)perylene       | 19.28 | 276  | 300538   | 36.19 | ng #  | 78       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

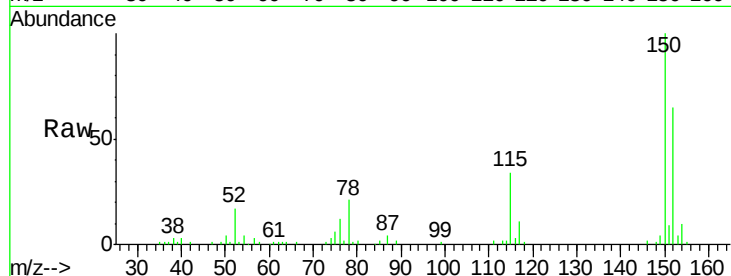
Tgt Ion:152 Resp: 36770

Ion Ratio Lower Upper

152 100

150 154.9 124.7 187.1

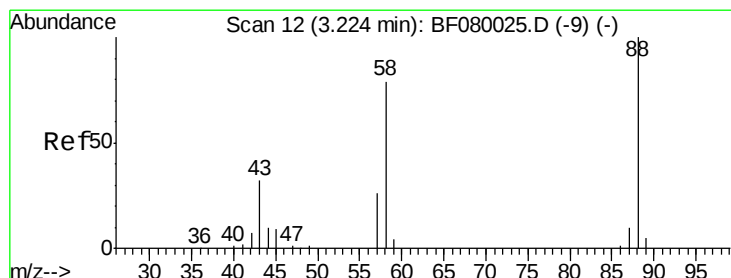
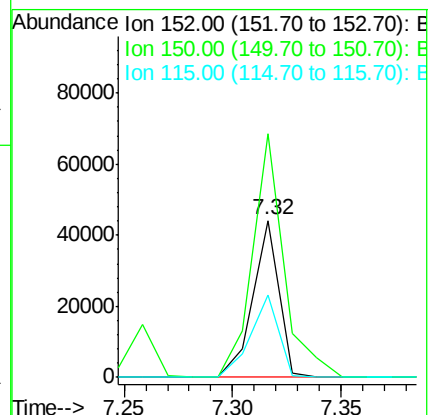
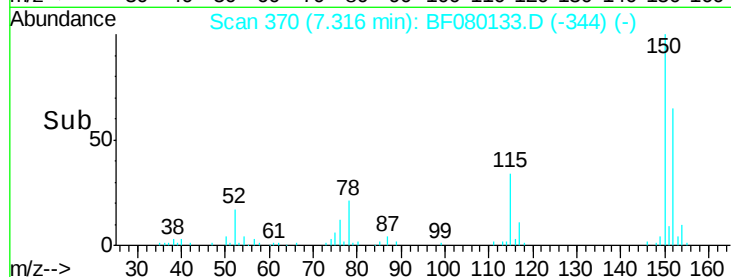
115 52.2 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.69 ng

RT: 3.20 min Scan# 10

Delta R.T. 0.02 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

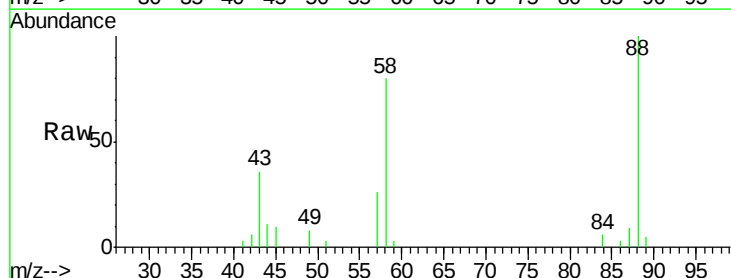
Tgt Ion: 88 Resp: 31284

Ion Ratio Lower Upper

88 100

58 87.5 77.7 116.5

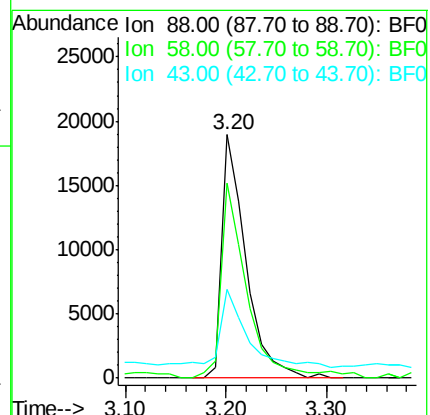
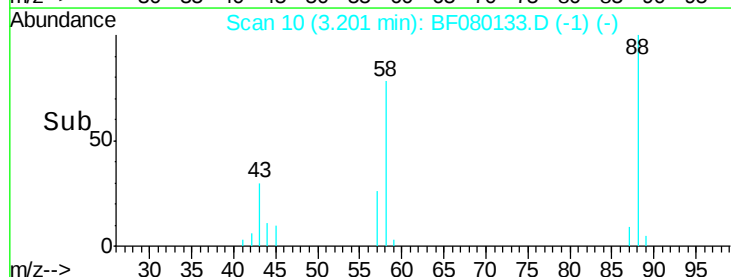
43 34.9 26.6 40.0

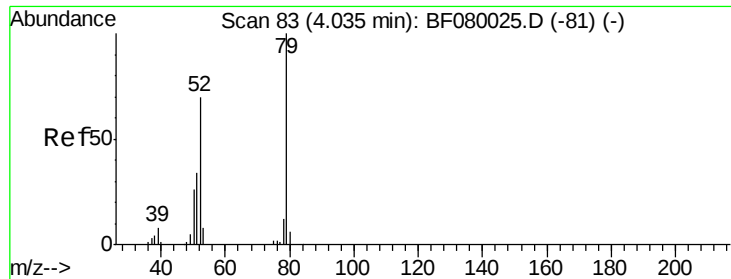


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.79 ng

RT: 4.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

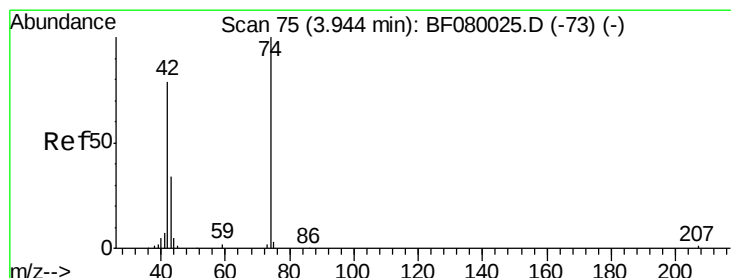
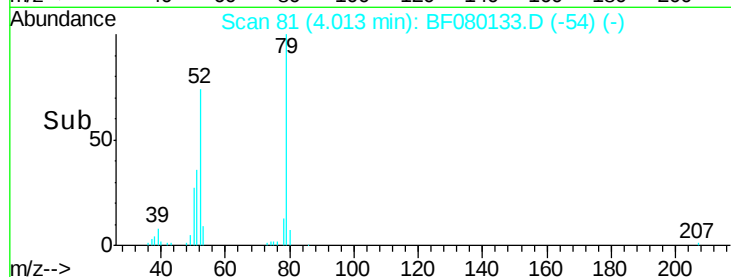
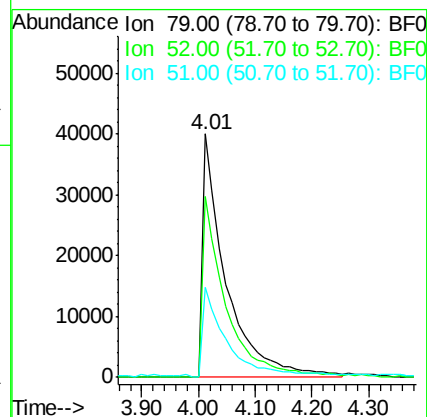
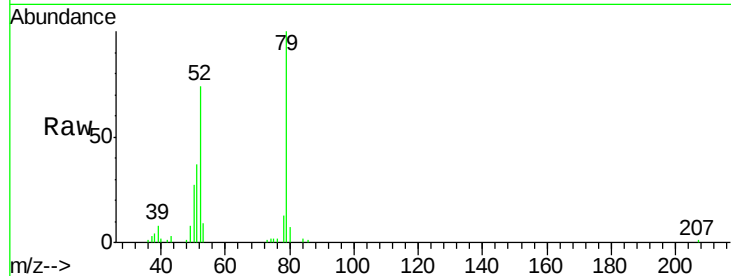
Tgt Ion: 79 Resp: 112351

Ion Ratio Lower Upper

79 100

52 74.2 76.8 115.2#

51 37.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 41.71 ng

RT: 3.92 min Scan# 73

Delta R.T. 0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

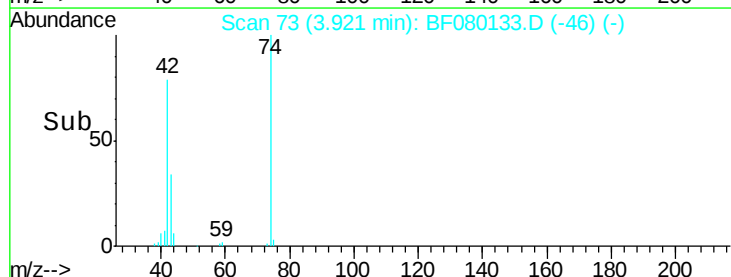
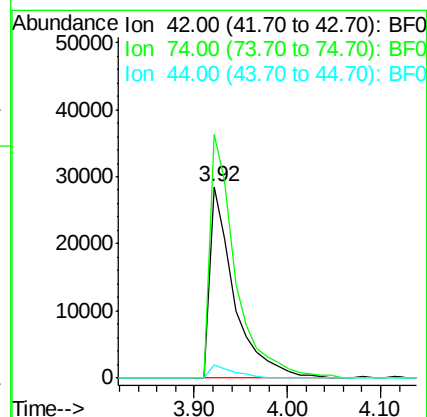
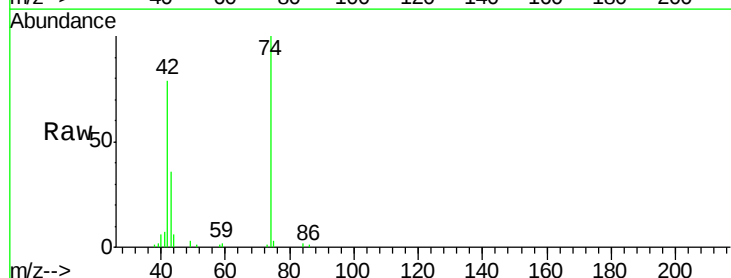
Tgt Ion: 42 Resp: 52053

Ion Ratio Lower Upper

42 100

74 127.4 105.0 157.6

44 7.2 6.6 10.0





#5

2-Fluorophenol

Concen: 132.81 ng

RT: 5.92 min Scan# 248

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

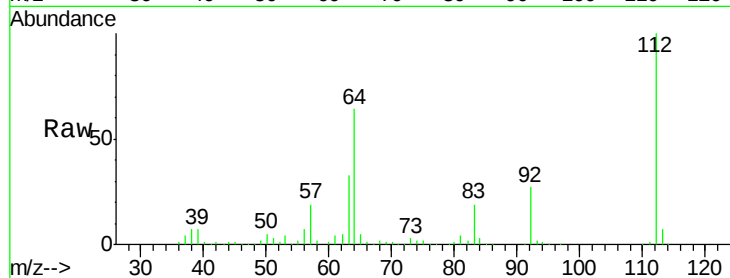
Tgt Ion: 112 Resp: 275883

Ion Ratio Lower Upper

112 100

64 64.4 39.7 59.5#

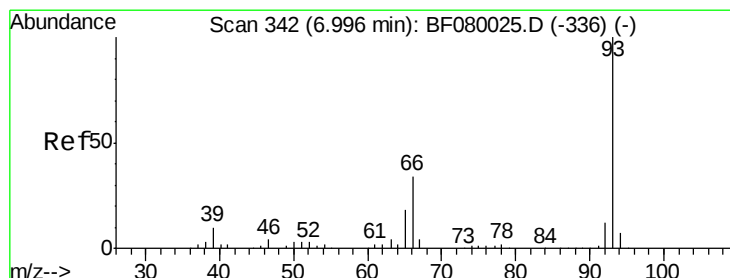
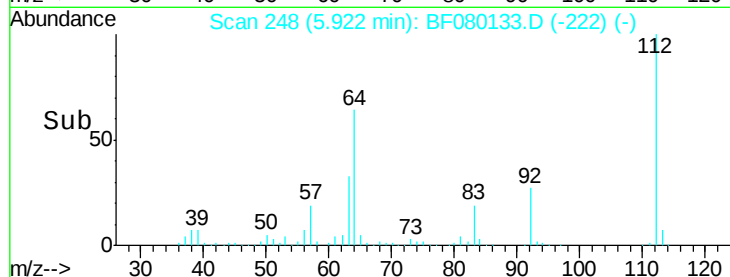
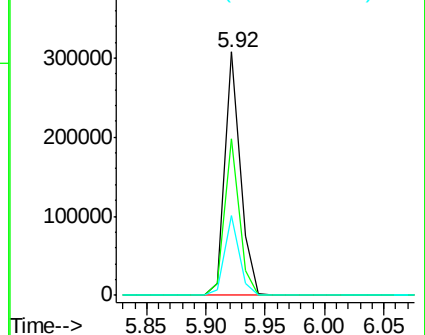
63 32.7 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.84 ng

RT: 6.97 min Scan# 340

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

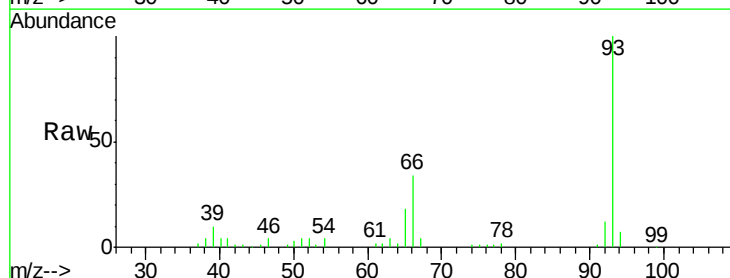
Tgt Ion: 93 Resp: 113464

Ion Ratio Lower Upper

93 100

66 34.3 27.2 40.8

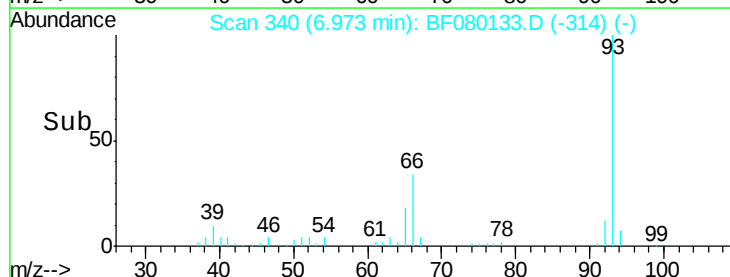
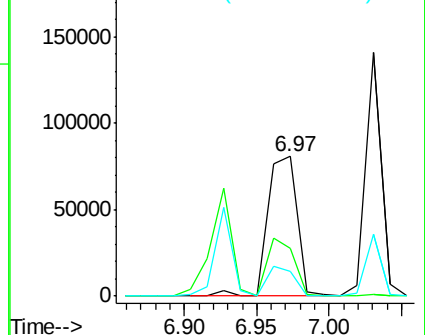
65 17.7 14.7 22.1

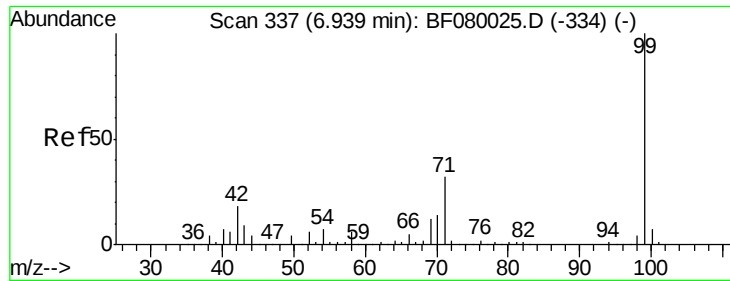


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.39 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

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ClientSampleId :

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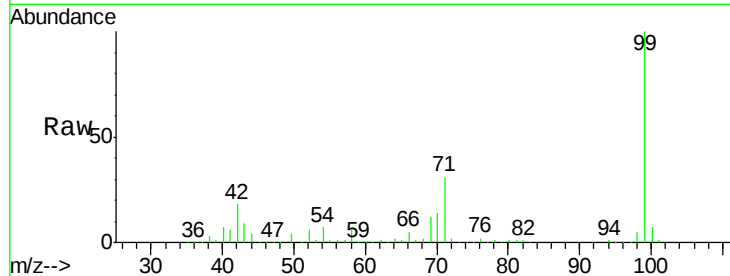
Tgt Ion: 99 Resp: 374226

Ion Ratio Lower Upper

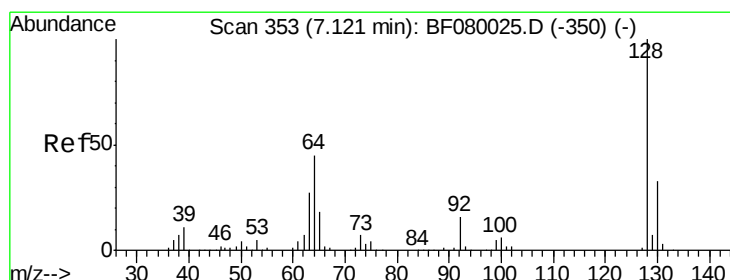
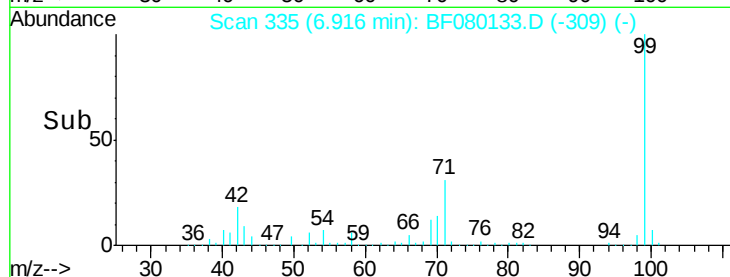
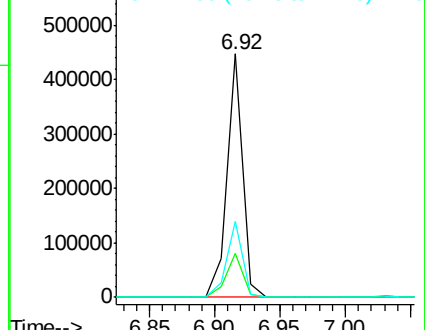
99 100

42 17.8 13.7 20.5

71 31.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.85 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

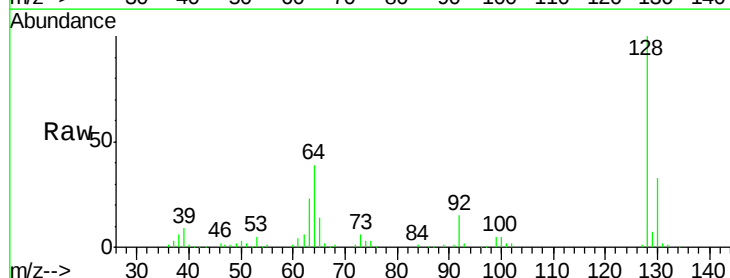
Tgt Ion: 128 Resp: 100478

Ion Ratio Lower Upper

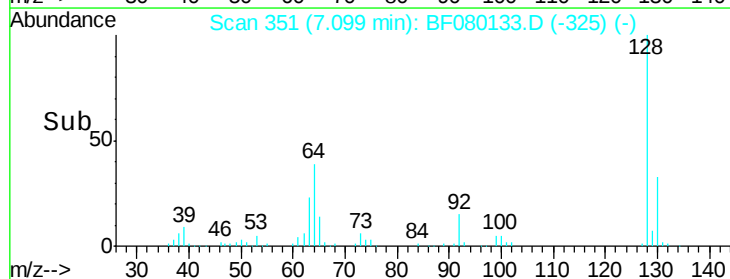
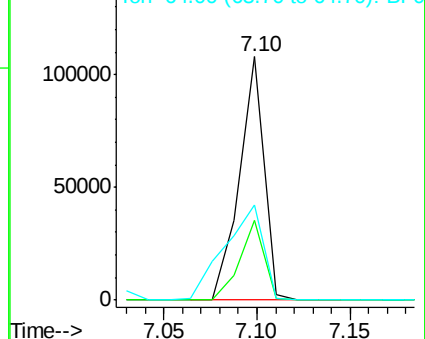
128 100

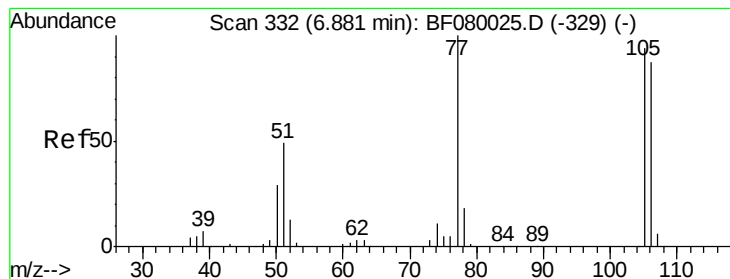
130 32.5 12.2 52.2

64 39.0 20.5 60.5



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





#9

Benzaldehyde

Concen: 35.90 ng

RT: 6.86 min Scan# 330

Delta R.T. 0.00 min

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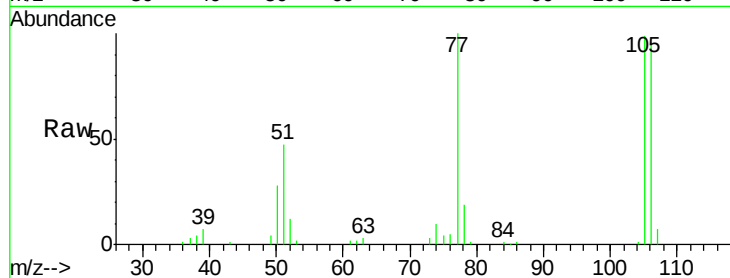
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Ion Ratio Lower Upper

77 100

105 98.7 91.6 131.6

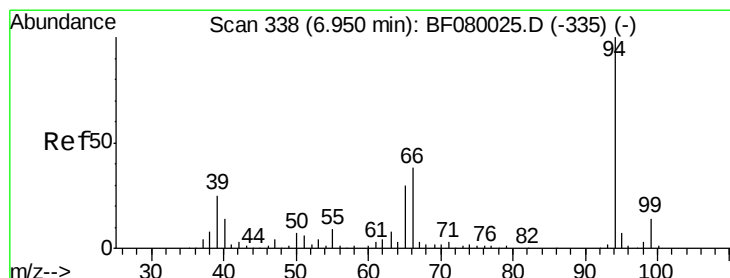
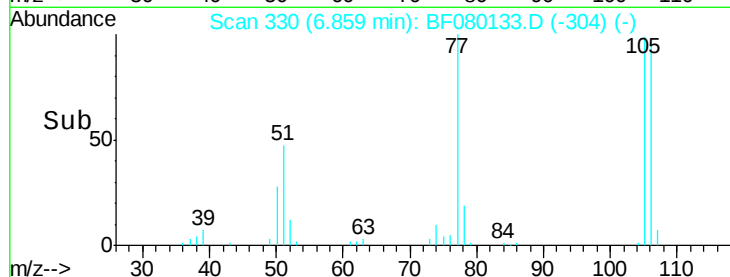
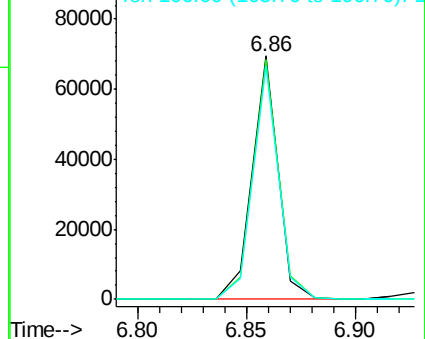
106 95.9 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 47.98 ng

RT: 6.93 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

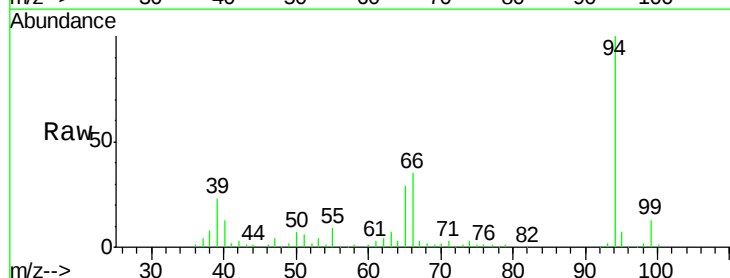
Tgt Ion: 94 Resp: 144724

Ion Ratio Lower Upper

94 100

65 28.7 0.7 40.7

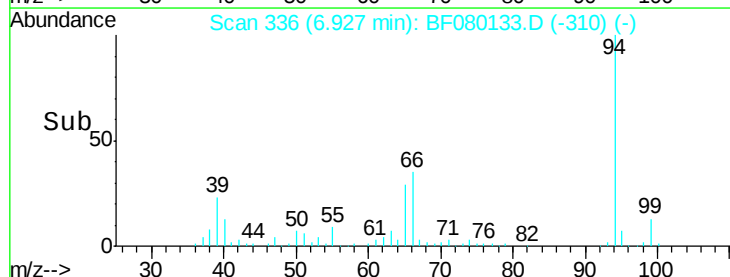
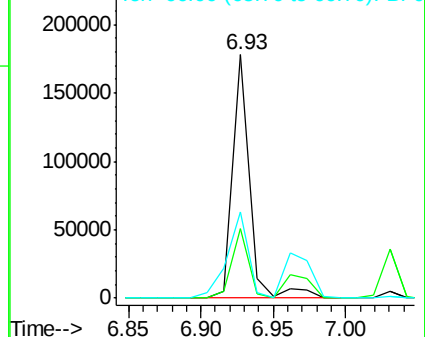
66 35.3 0.8 40.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

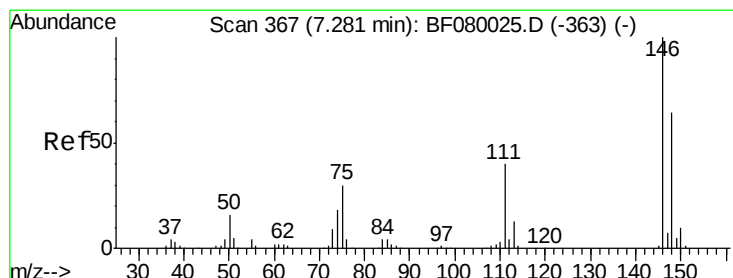
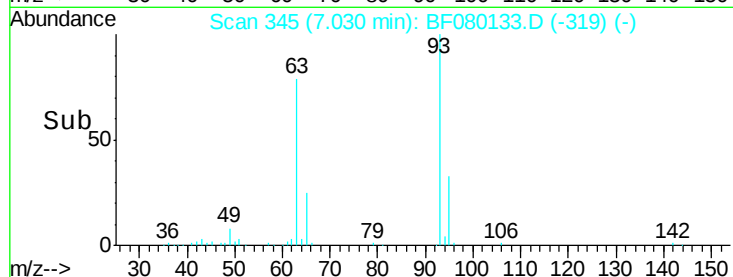
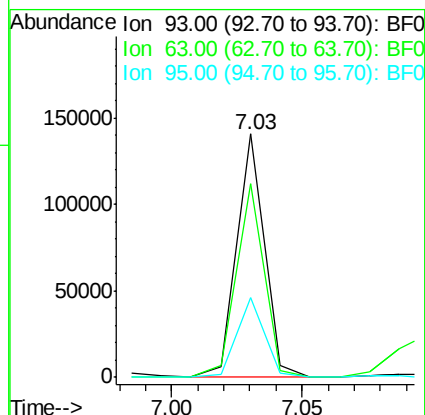
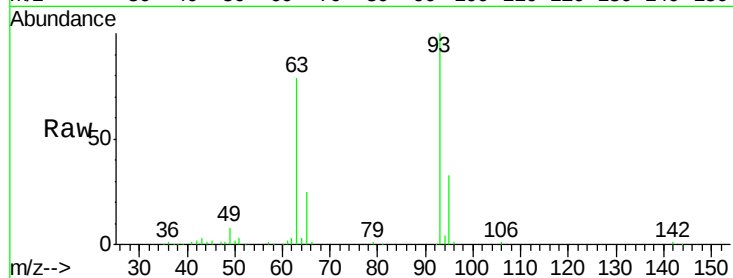




#11  
 bis(2-Chloroethyl)ether  
 Concen: 44.31 ng  
 RT: 7.03 min Scan# 345  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

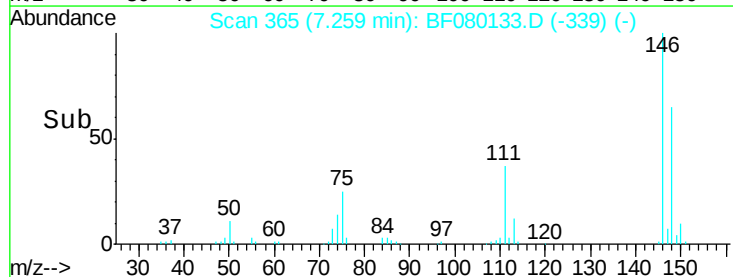
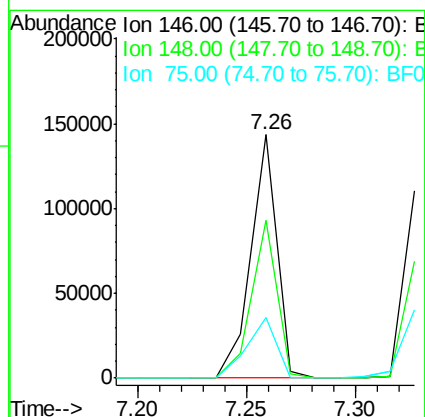
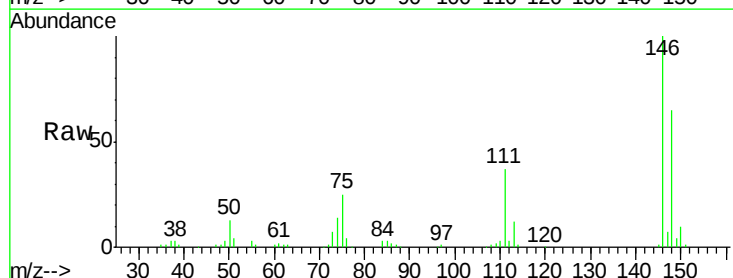
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

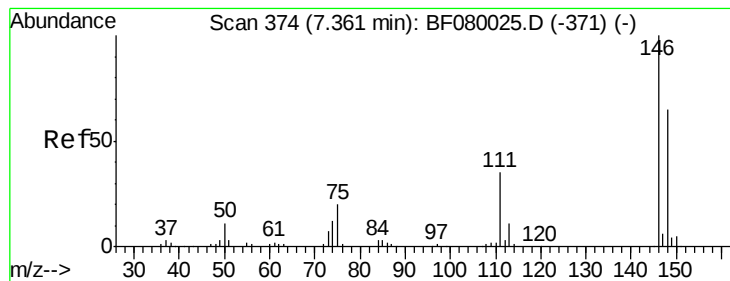
Tgt Ion: 93 Resp: 106034  
 Ion Ratio Lower Upper  
 93 100  
 63 79.4 65.6 105.6  
 95 32.9 13.6 53.6



#12  
 1,3-Dichlorobenzene  
 Concen: 41.25 ng  
 RT: 7.26 min Scan# 365  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Tgt Ion: 146 Resp: 118967  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.0 76.4  
 75 24.9 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 40.82 ng m

RT: 7.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

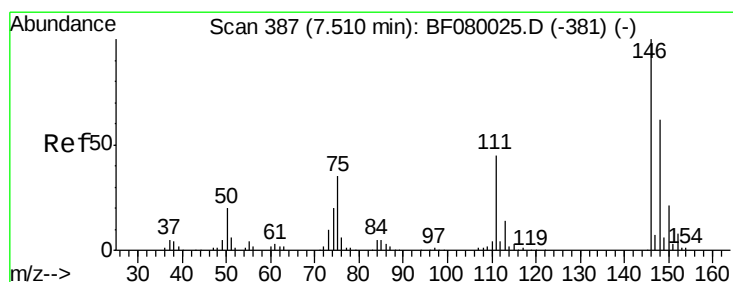
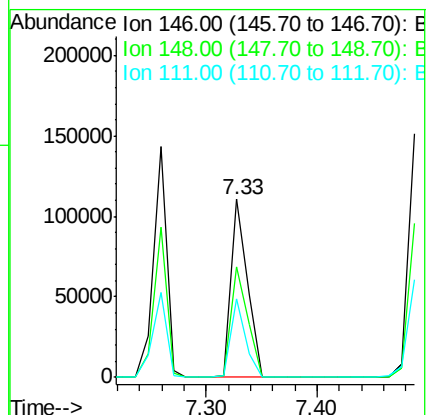
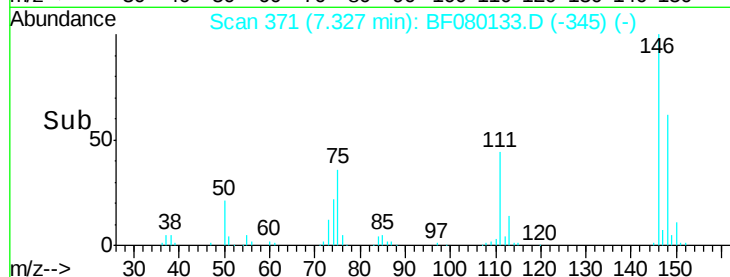
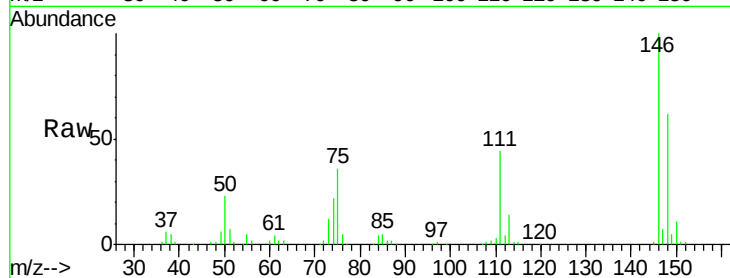
Tgt Ion:146 Resp: 111970

Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.6

111 44.3 24.9 37.3#



#14

1,2-Dichlorobenzene

Concen: 43.54 ng

RT: 7.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

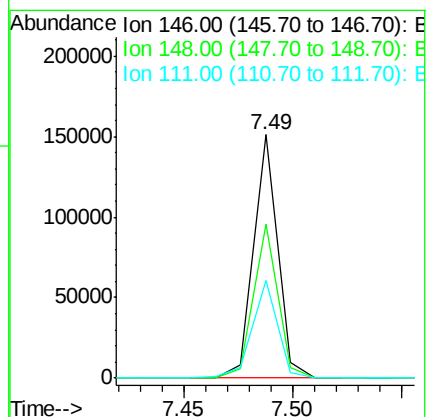
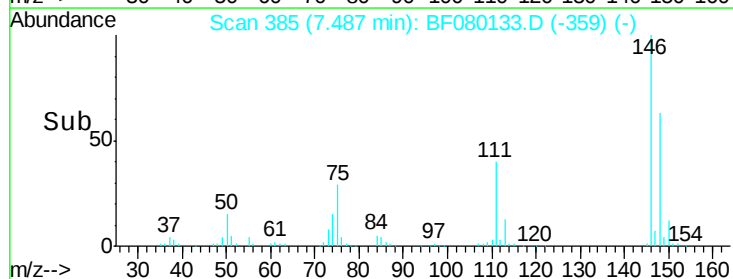
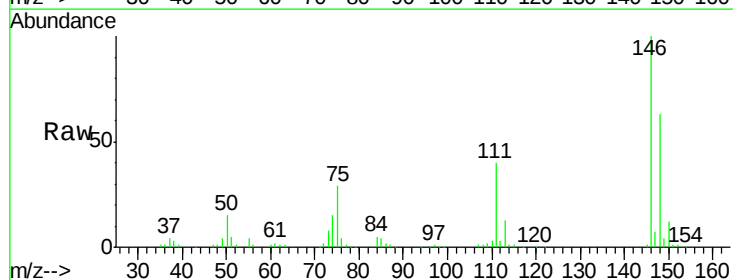
Tgt Ion:146 Resp: 116212

Ion Ratio Lower Upper

146 100

148 63.3 52.7 79.1

111 40.2 28.8 43.2





#15

Benzyl Alcohol

Concen: 39.39 ng

RT: 7.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

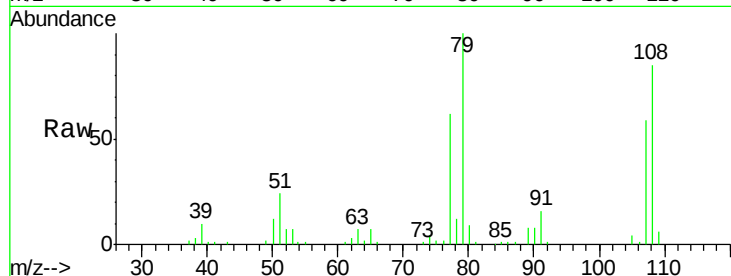
Tgt Ion: 79 Resp: 89024

Ion Ratio Lower Upper

79 100

108 84.6 88.6 132.8#

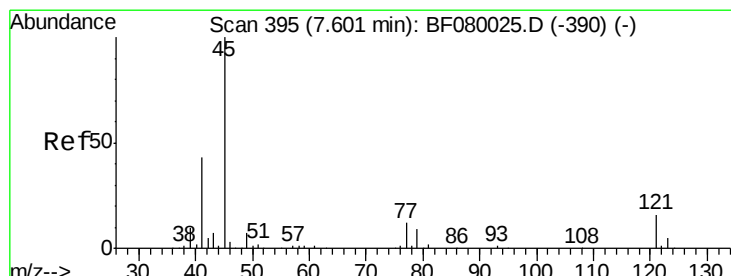
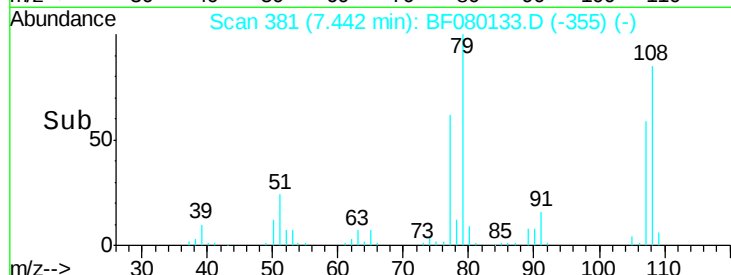
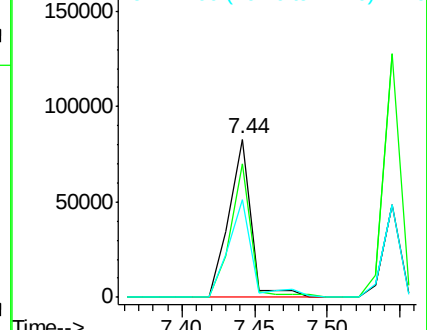
77 62.1 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.81 ng

RT: 7.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

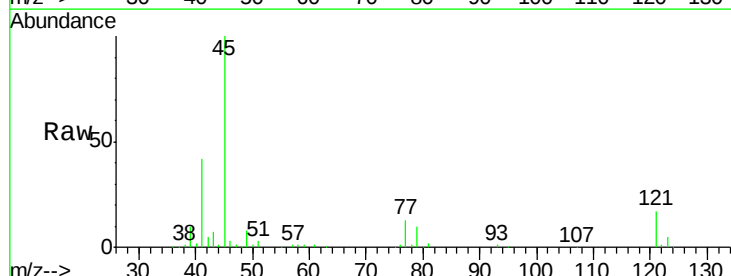
Tgt Ion: 45 Resp: 155641

Ion Ratio Lower Upper

45 100

77 12.8 0.0 28.1

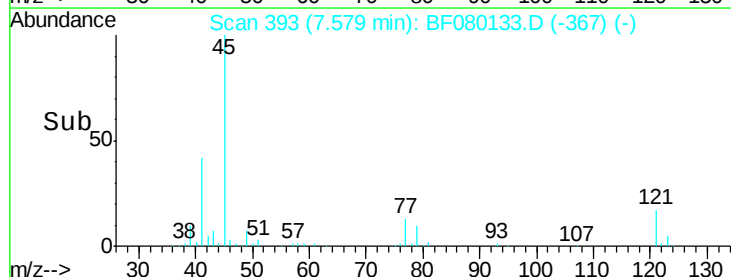
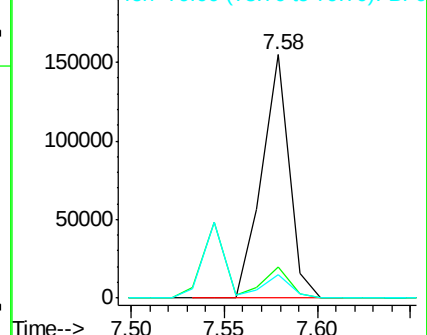
79 9.8 0.0 26.0

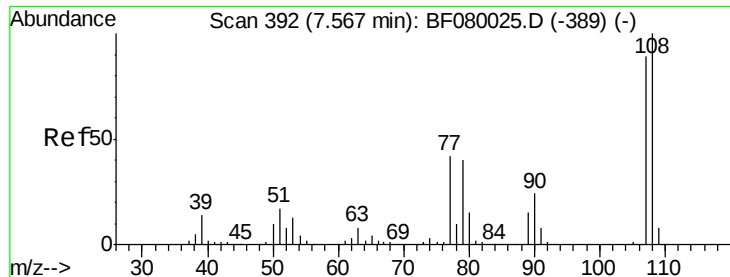


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

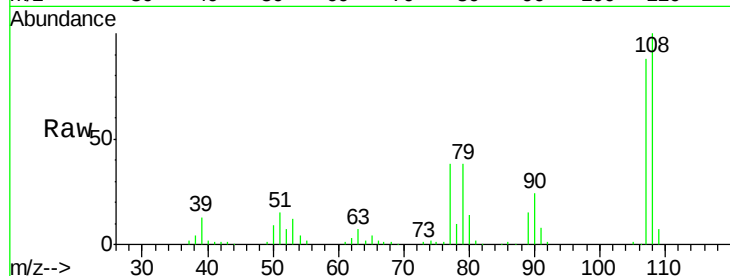




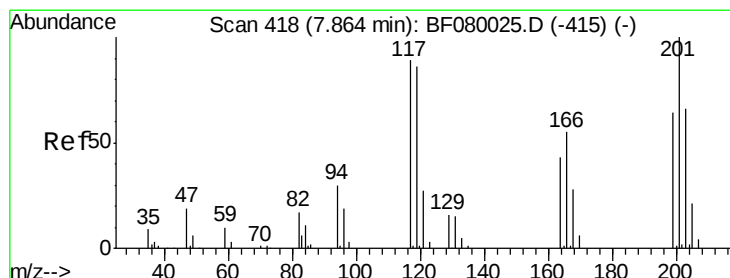
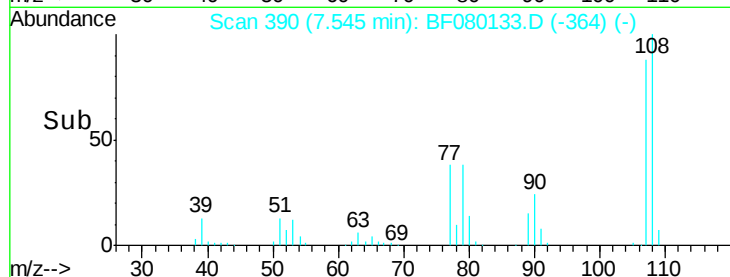
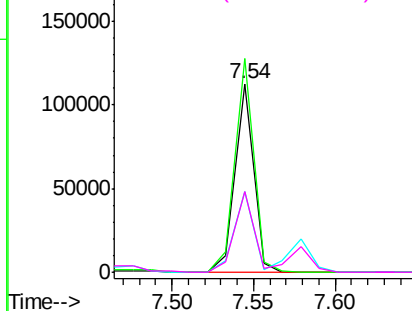
#17  
2-Methylphenol  
Concen: 43.19 ng  
RT: 7.54 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

Tgt Ion:107 Resp: 88567  
Ion Ratio Lower Upper  
107 100  
108 113.3 96.6 145.0  
77 43.1 23.3 34.9#  
79 43.0 22.0 33.0#

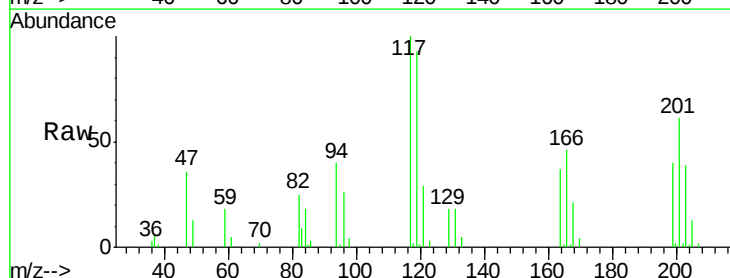


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

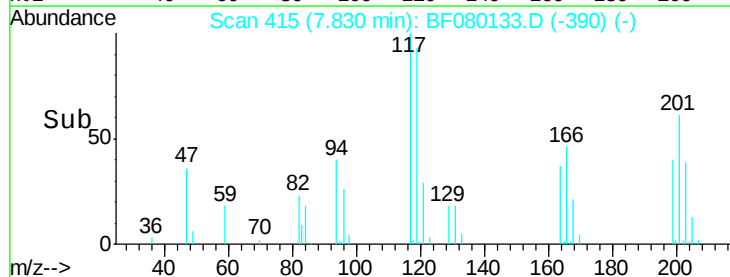
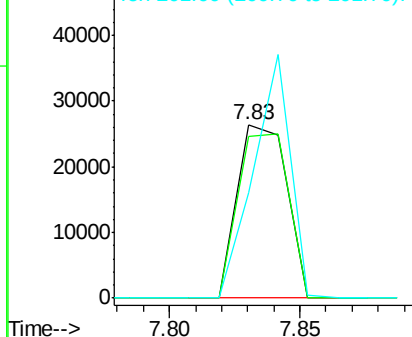


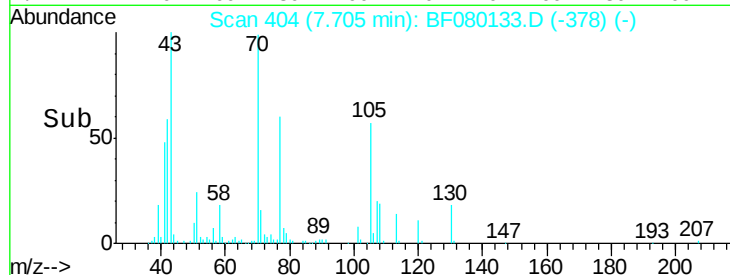
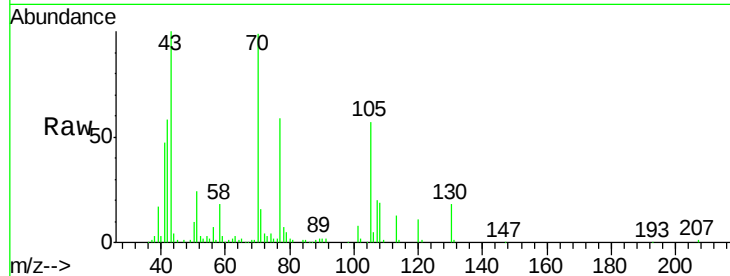
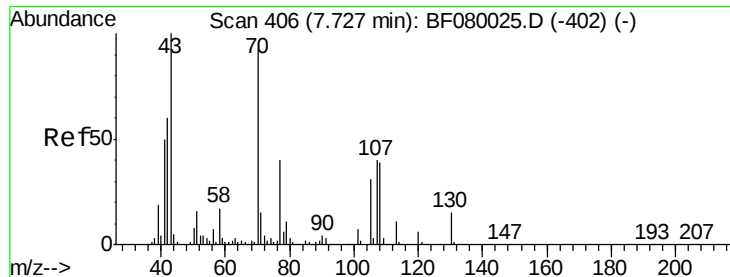
#18  
Hexachloroethane  
Concen: 38.50 ng  
RT: 7.83 min Scan# 415  
Delta R.T. -0.01 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion:117 Resp: 35157  
Ion Ratio Lower Upper  
117 100  
119 92.7 83.8 125.6  
201 60.8 55.1 82.7



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

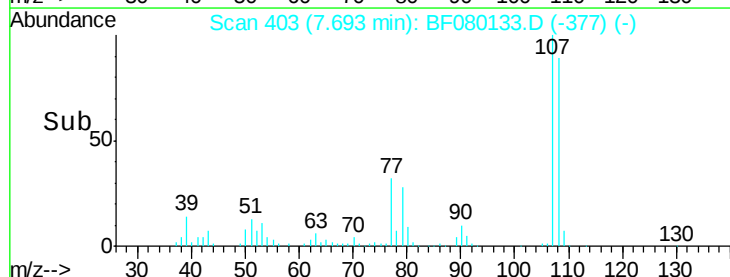
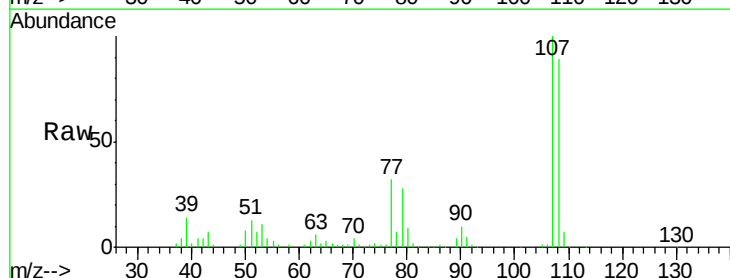
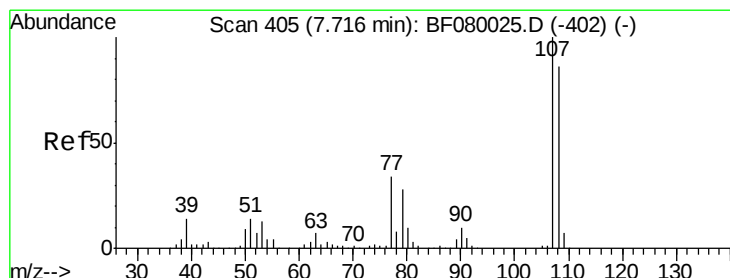
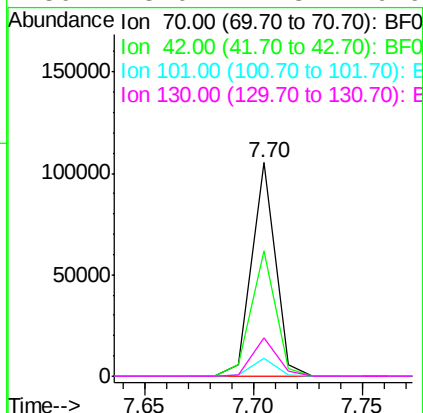




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.78 ng  
RT: 7.70 min Scan# 404  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

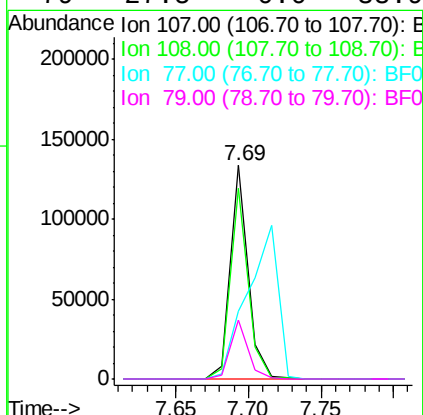
Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 80189 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 59.0  | 63.8  | 95.6# |
| 101      | 8.5   | 9.2   | 13.8# |
| 130      | 18.0  | 27.3  | 40.9# |



#20  
3+4-Methylphenols  
Concen: 42.88 ng  
RT: 7.69 min Scan# 403  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 113482 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.1  | 74.6  | 114.6  |
| 77       | 31.6  | 0.7   | 40.7   |
| 79       | 27.5  | 0.0   | 38.9   |

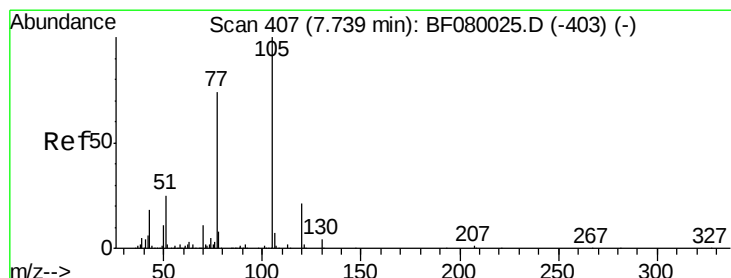
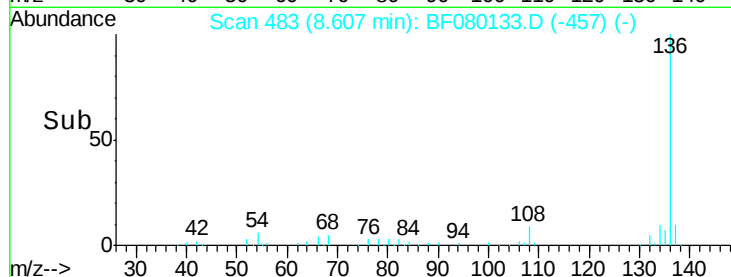
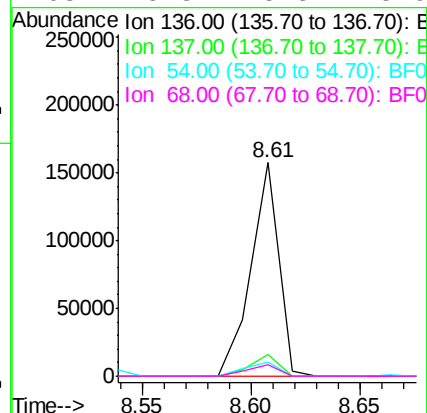
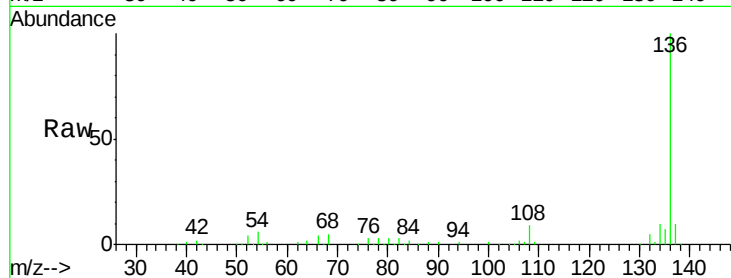




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.61 min Scan# 483  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

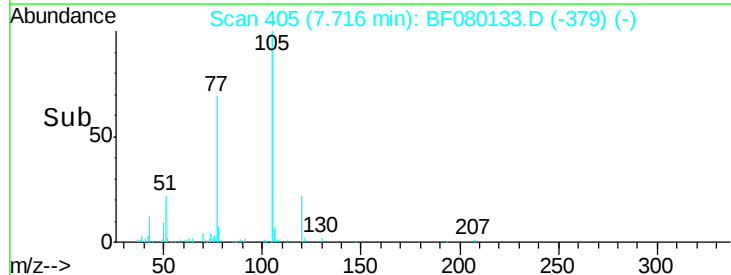
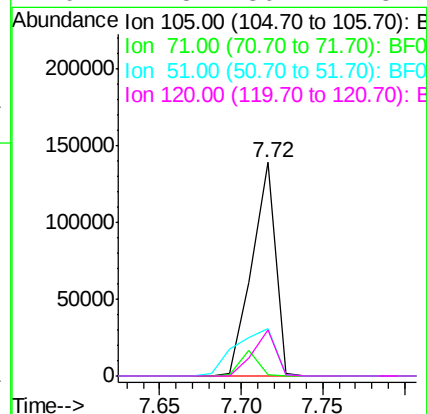
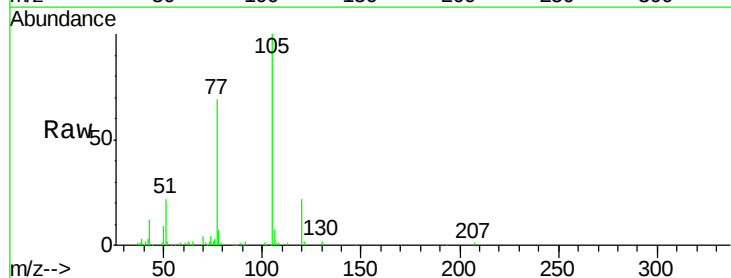
Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 139039 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.2  | 9.0   | 13.6   |
| 54        | 6.5   | 8.2   | 12.2#  |
| 68        | 5.3   | 5.8   | 8.6#   |



#22  
Acetophenone  
Concen: 43.01 ng  
RT: 7.72 min Scan# 405  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 139356 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 0.6   | 4.7   | 7.1#   |
| 51        | 22.2  | 22.0  | 33.0   |
| 120       | 21.8  | 30.1  | 45.1#  |

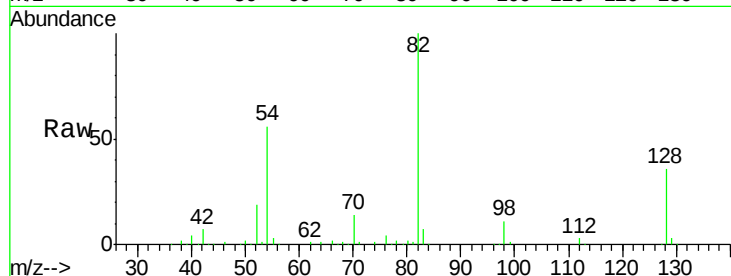




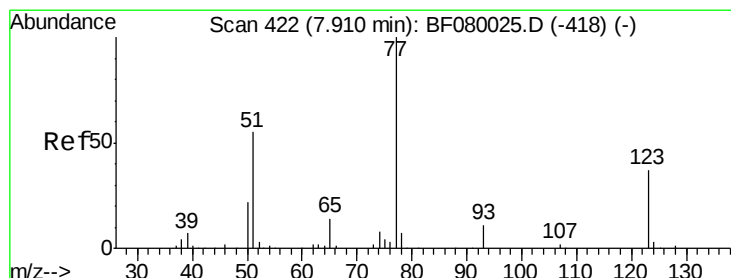
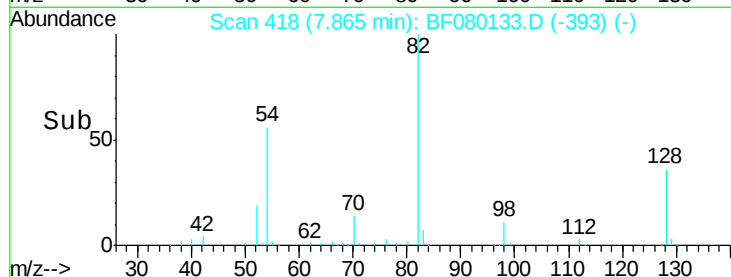
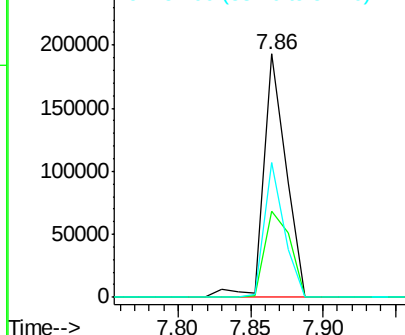
#23  
 Nitrobenzene-d5  
 Concen: 85.93 ng  
 RT: 7.86 min Scan# 418  
 Delta R.T. -0.01 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

Tgt Ion: 82 Resp: 205224  
 Ion Ratio Lower Upper  
 82 100  
 128 35.7 51.0 76.6#  
 54 55.6 47.5 71.3

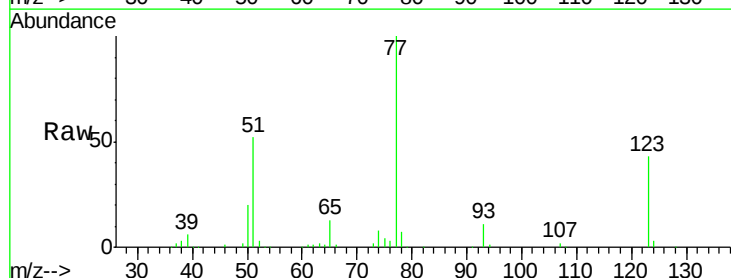


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

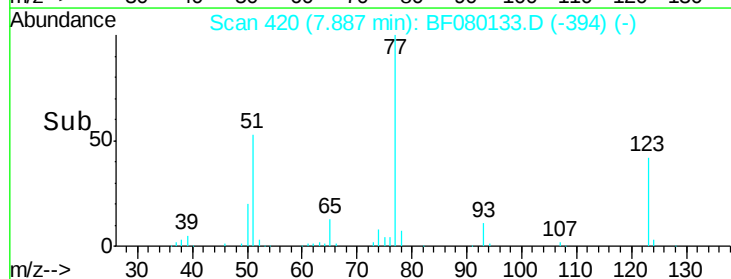
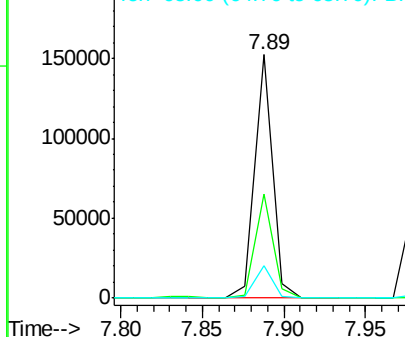


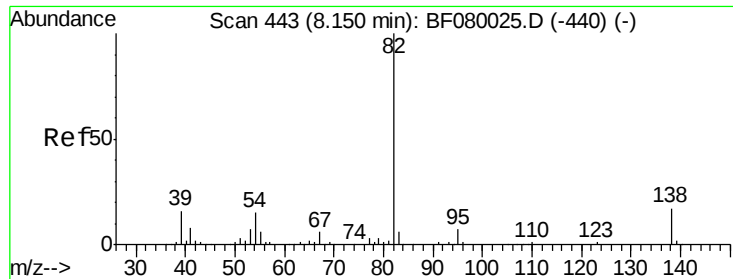
#24  
 Nitrobenzene  
 Concen: 47.22 ng  
 RT: 7.89 min Scan# 420  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Tgt Ion: 77 Resp: 116392  
 Ion Ratio Lower Upper  
 77 100  
 123 42.9 59.8 89.8#  
 65 13.1 10.2 15.4



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





#25

Isophorone

Concen: 41.22 ng

RT: 8.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

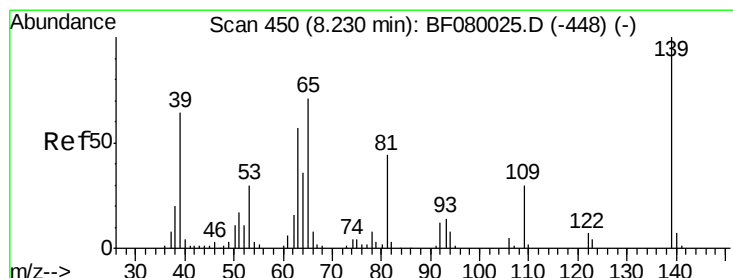
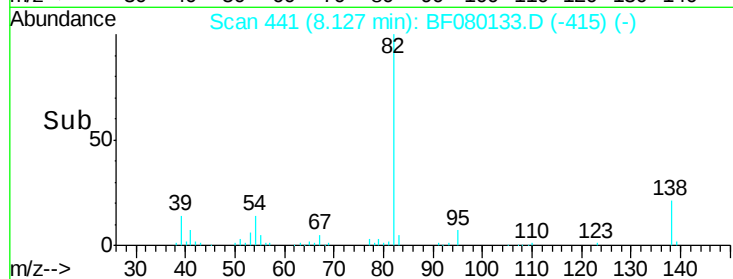
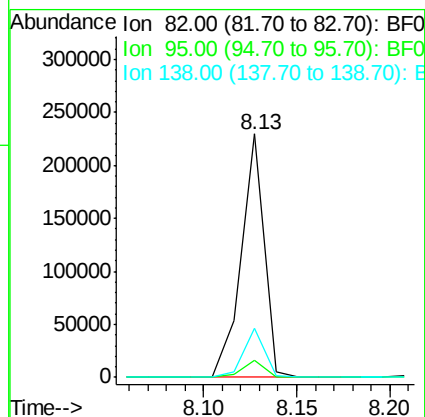
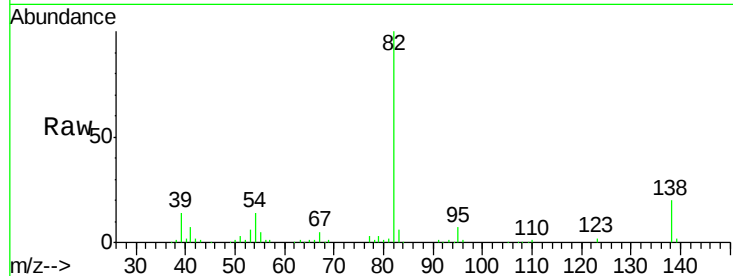
Tgt Ion: 82 Resp: 198112

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

138 20.2 18.3 27.5



#26

2-Nitrophenol

Concen: 45.39 ng

RT: 8.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

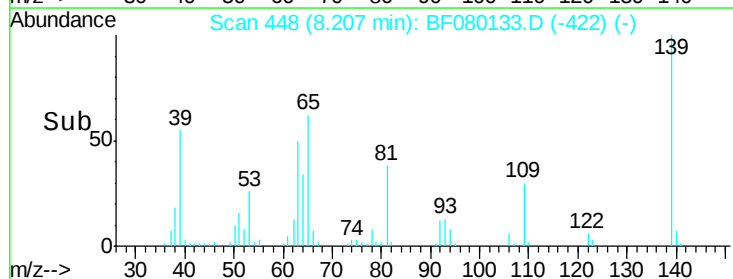
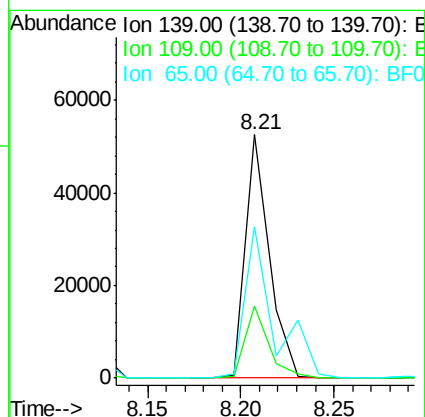
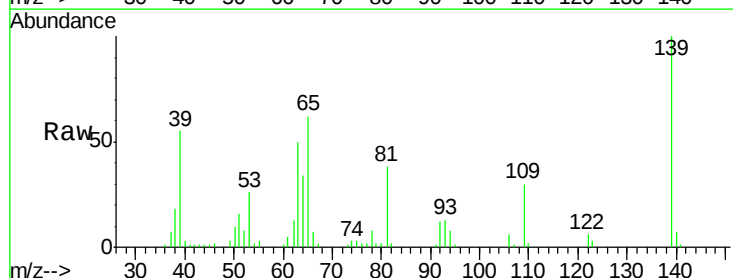
Tgt Ion: 139 Resp: 46829

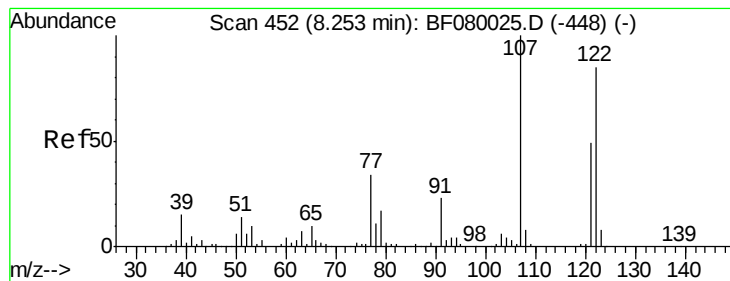
Ion Ratio Lower Upper

139 100

109 29.7 11.0 16.4#

65 62.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 44.91 ng

RT: 8.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

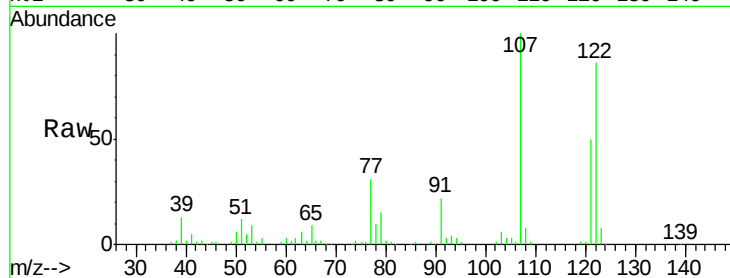
Tgt Ion:122 Resp: 96632

Ion Ratio Lower Upper

122 100

107 116.3 71.8 107.6#

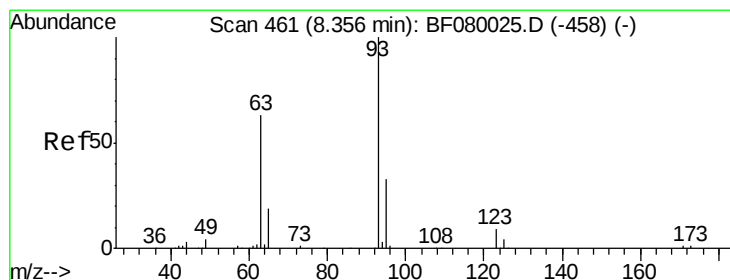
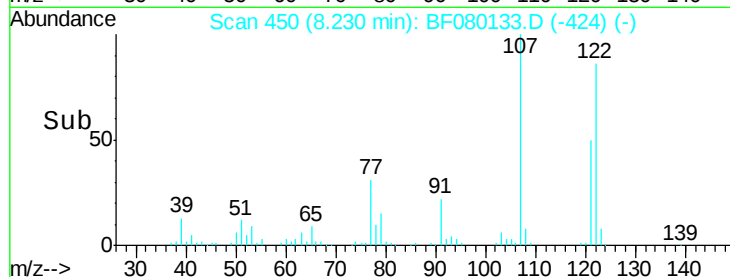
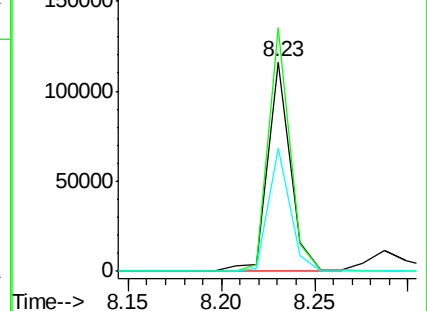
121 58.7 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.00 ng

RT: 8.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

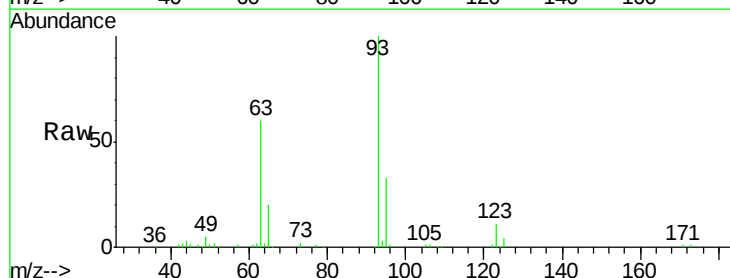
Tgt Ion: 93 Resp: 118620

Ion Ratio Lower Upper

93 100

95 33.0 27.5 41.3

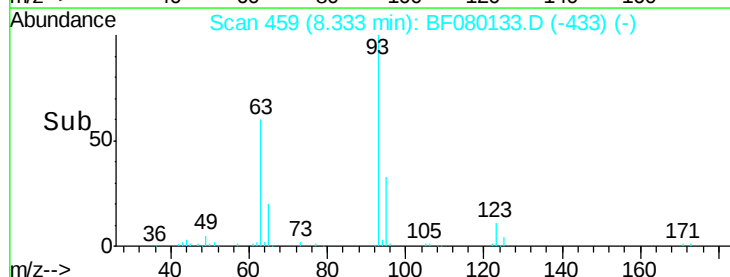
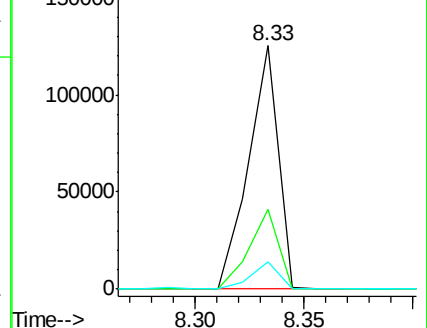
123 11.3 13.7 20.5#

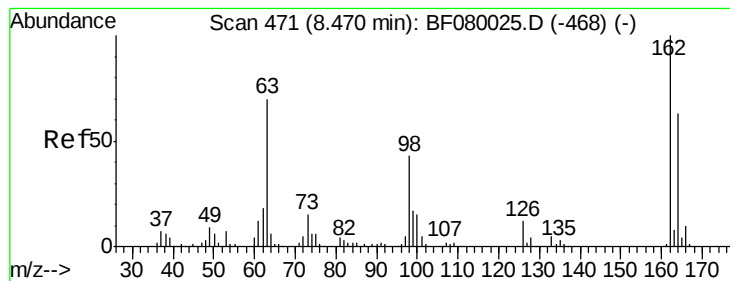


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.85 ng

RT: 8.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

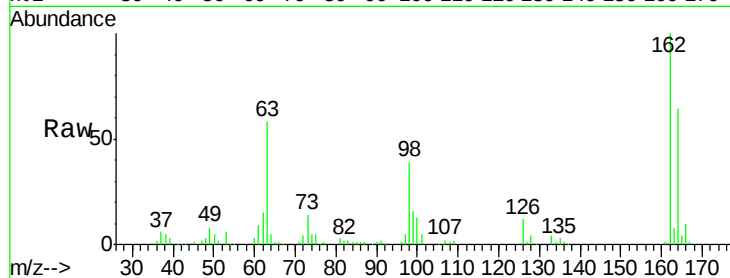
Tgt Ion:162 Resp: 90004

Ion Ratio Lower Upper

162 100

164 63.5 44.9 84.9

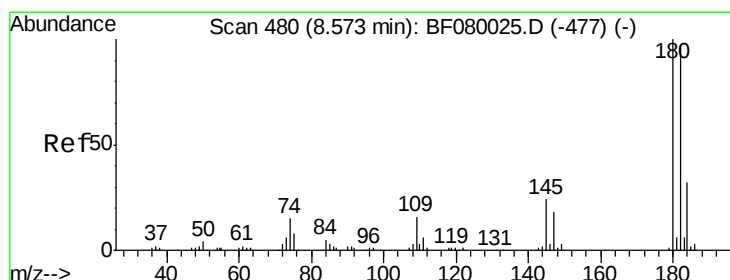
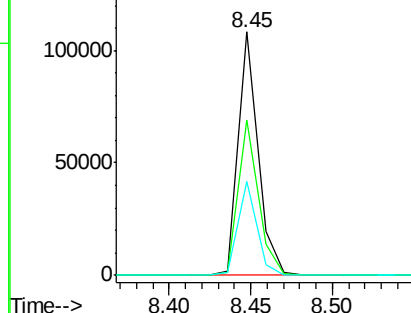
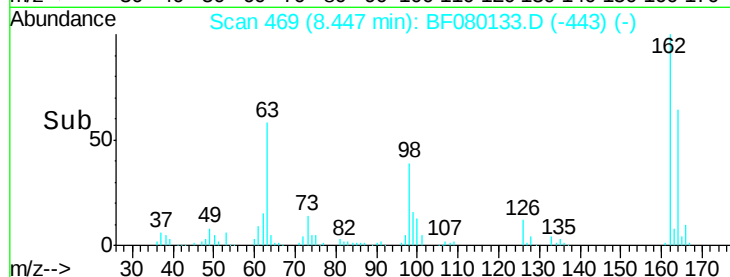
98 38.6 13.0 53.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.50 ng

RT: 8.54 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

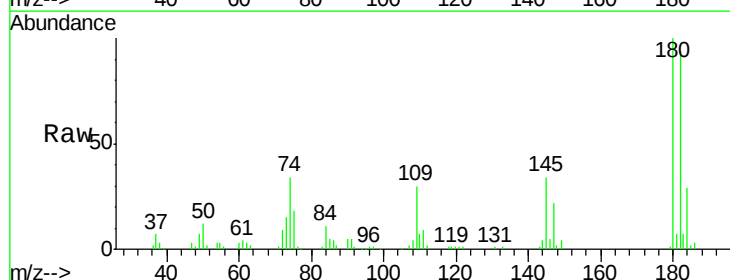
Tgt Ion:180 Resp: 88930

Ion Ratio Lower Upper

180 100

182 93.8 77.1 115.7

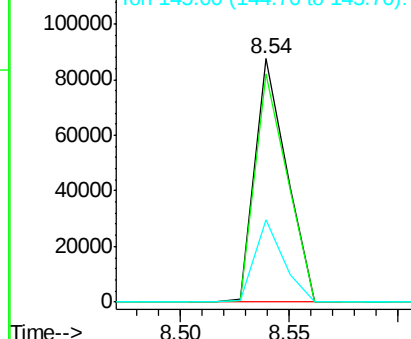
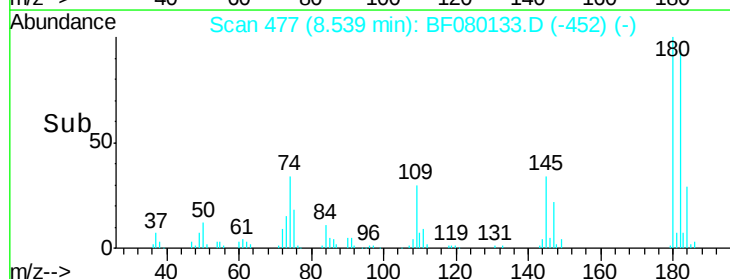
145 33.6 23.3 34.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

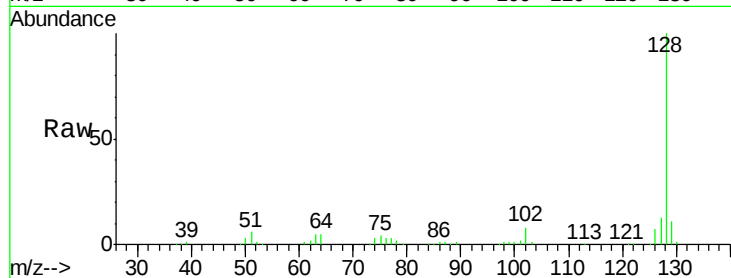




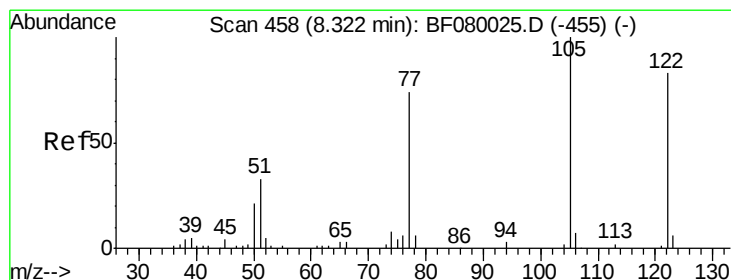
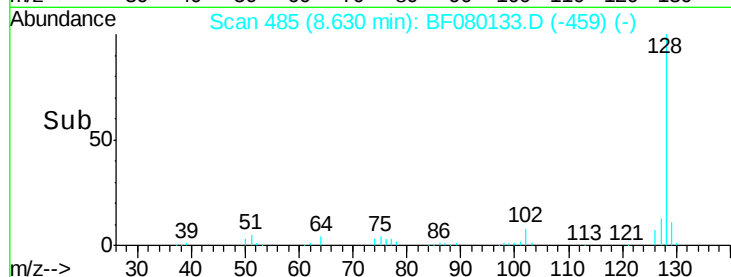
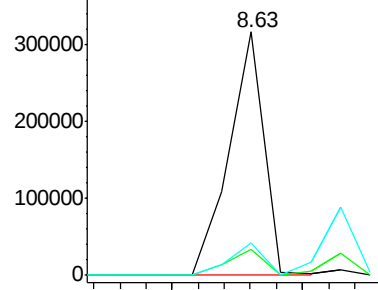
#31  
Naphthalene  
Concen: 40.56 ng  
RT: 8.63 min Scan# 485  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

Tgt Ion:128 Resp: 294838  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.4 12.6  
127 13.2 9.9 14.9

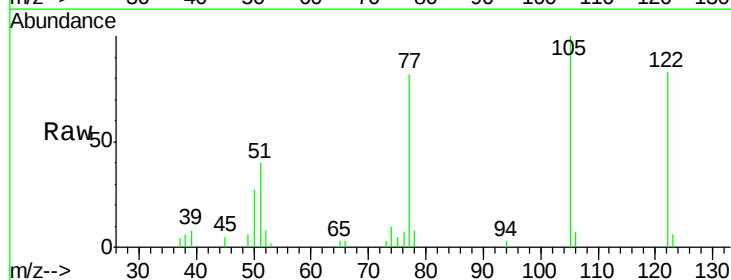


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

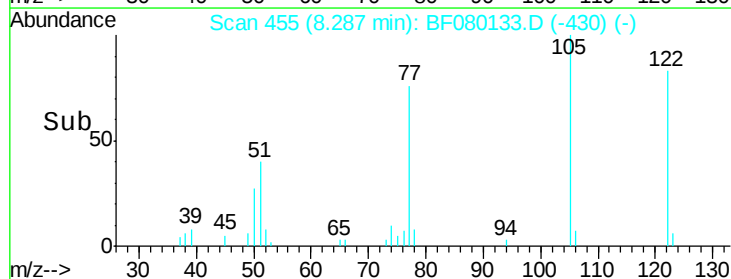
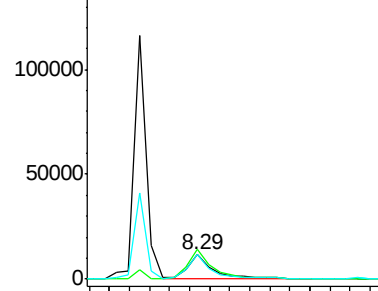


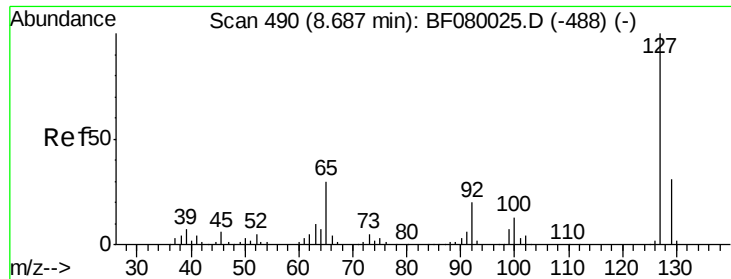
#32  
Benzoic acid  
Concen: 16.57 ng m  
RT: 8.29 min Scan# 455  
Delta R.T. -0.01 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion:122 Resp: 21553  
Ion Ratio Lower Upper  
122 100  
105 120.2 76.1 116.1#  
77 99.2 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0

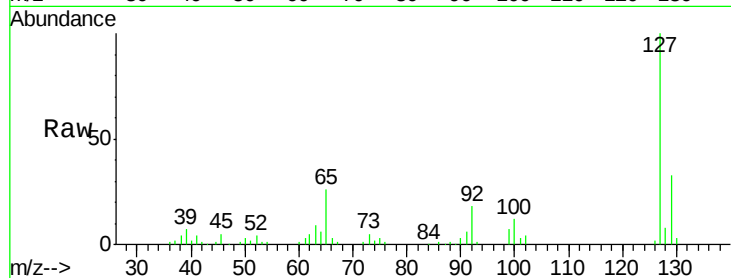




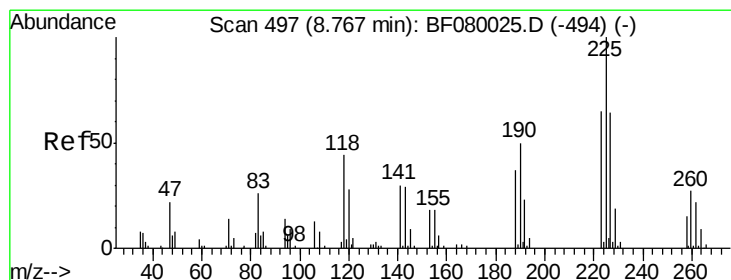
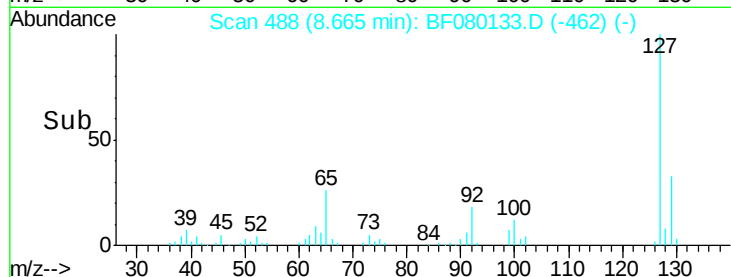
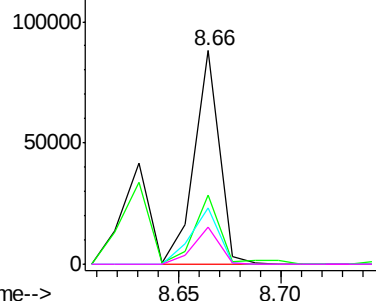
#33  
4-Chloroaniline  
Concen: 23.85 ng m  
RT: 8.66 min Scan# 488  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 74209 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.6  | 25.8  | 38.6  |
| 65       | 26.4  | 17.9  | 26.9  |
| 92       | 17.6  | 10.5  | 15.7# |

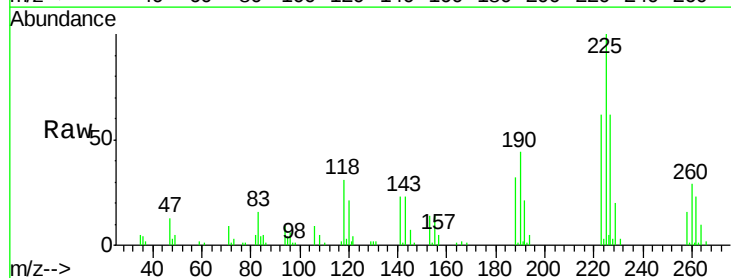


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

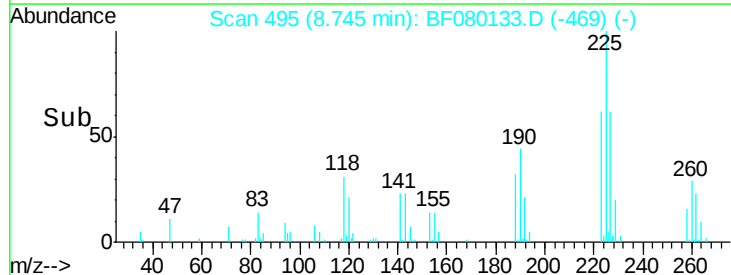
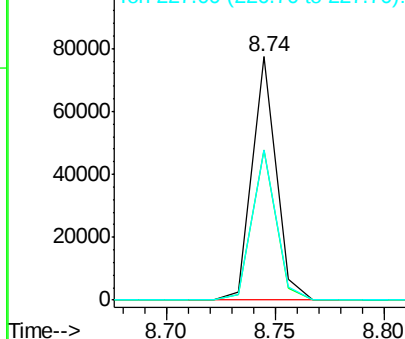


#34  
Hexachlorobutadiene  
Concen: 45.99 ng  
RT: 8.74 min Scan# 495  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 59251 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.9  | 50.2  | 75.2  |
| 227      | 61.7  | 52.2  | 78.2  |



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





#35

Caprolactam

Concen: 40.46 ng

RT: 9.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

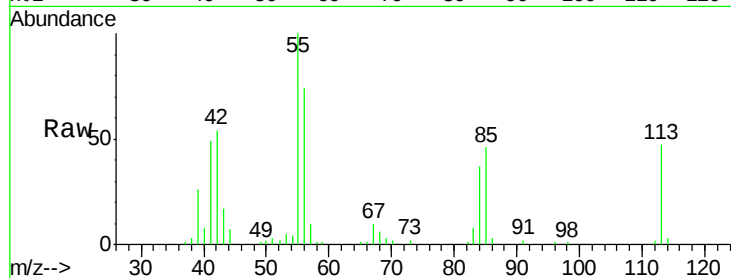
Tgt Ion:113 Resp: 24200

Ion Ratio Lower Upper

113 100

55 214.8 152.4 192.4#

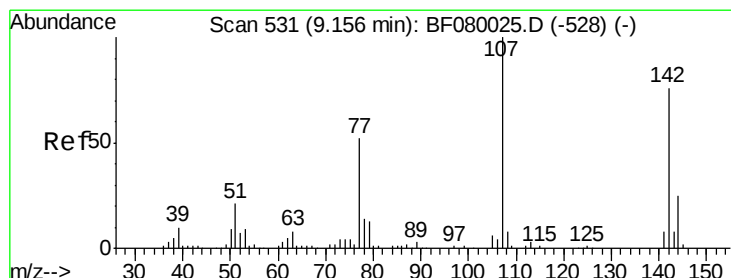
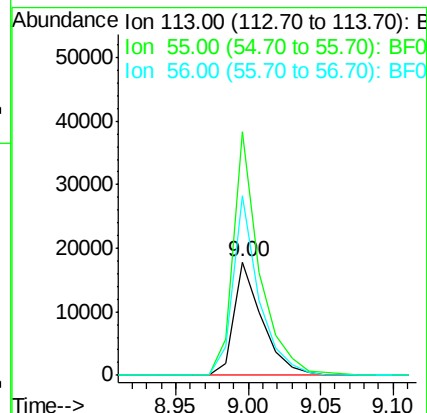
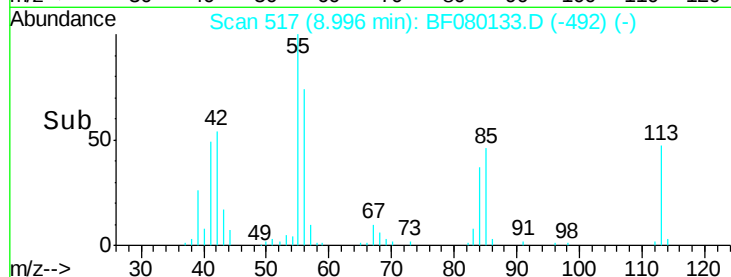
56 158.9 104.6 144.6#



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: 46.35 ng

RT: 9.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

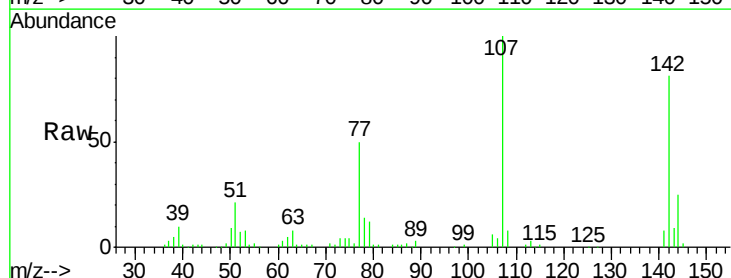
Tgt Ion:107 Resp: 96327

Ion Ratio Lower Upper

107 100

144 25.1 25.4 38.0#

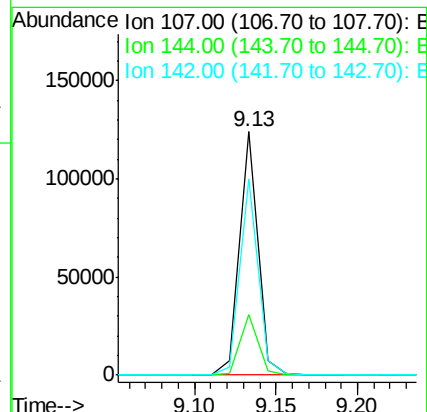
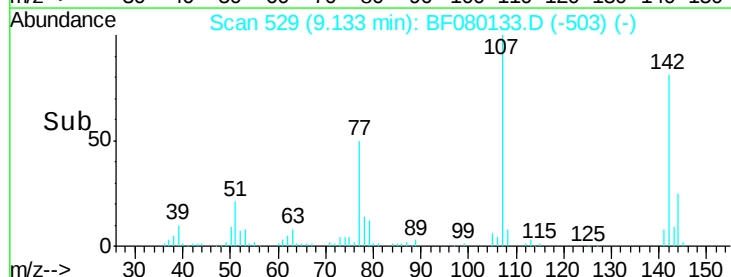
142 80.7 77.3 115.9

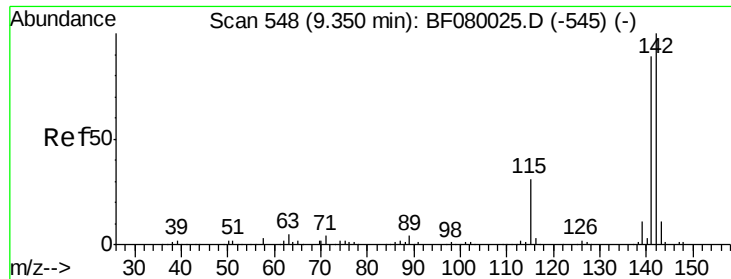


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

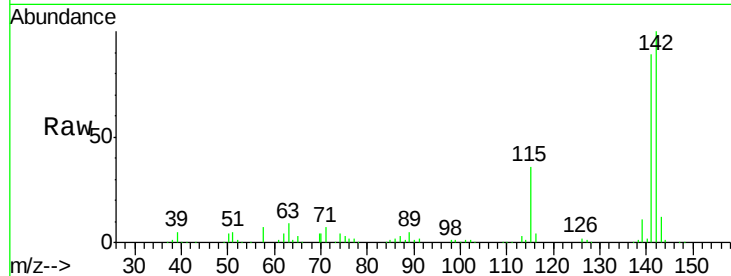




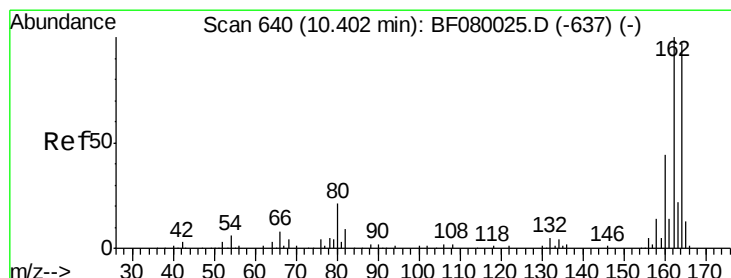
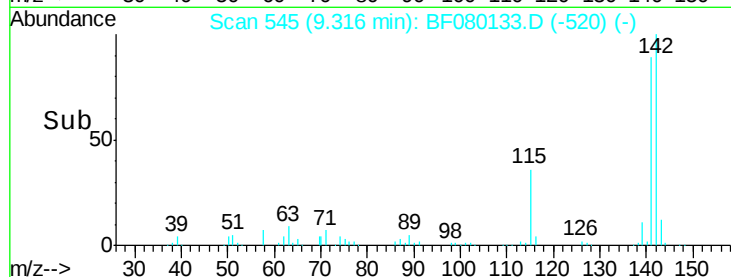
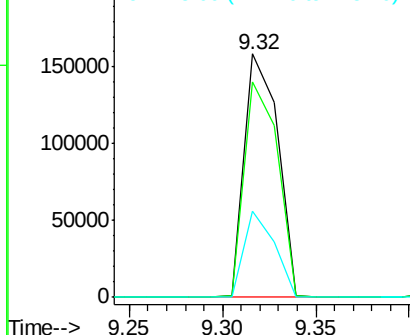
#37  
2-Methylnaphthalene  
Concen: 41.96 ng  
RT: 9.32 min Scan# 545  
Delta R.T. -0.01 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

Tgt Ion:142 Resp: 197325  
Ion Ratio Lower Upper  
142 100  
141 88.7 67.5 101.3  
115 35.6 18.2 27.2#

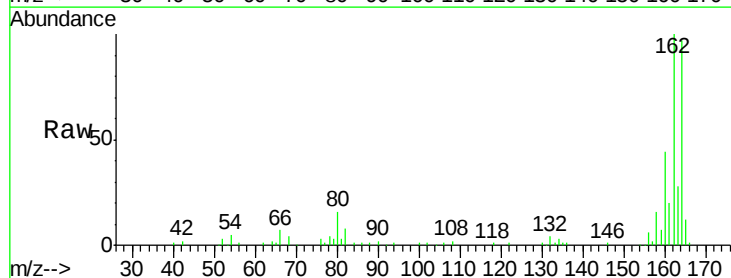


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

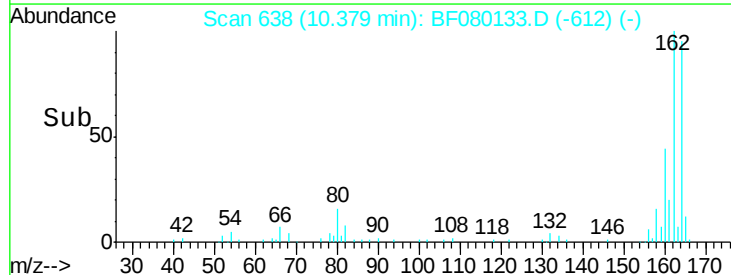
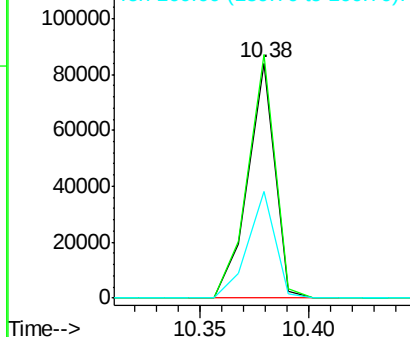


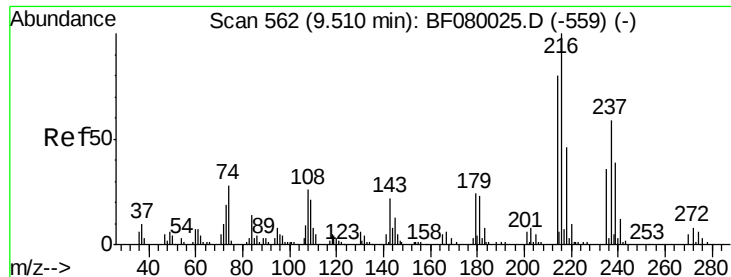
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.38 min Scan# 638  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion:164 Resp: 72368  
Ion Ratio Lower Upper  
164 100  
162 103.6 75.2 112.8  
160 45.5 31.5 47.3



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

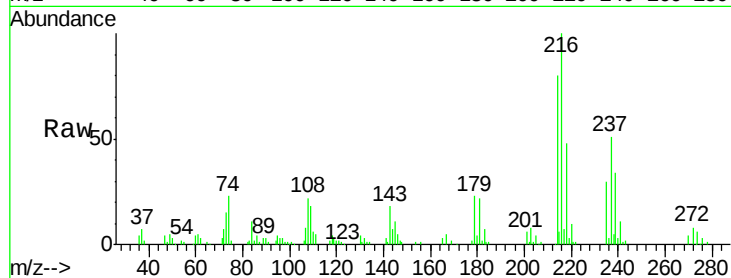




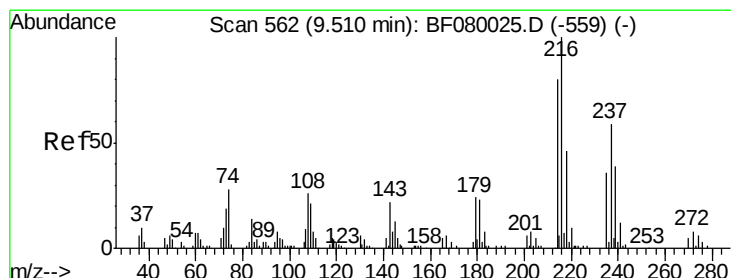
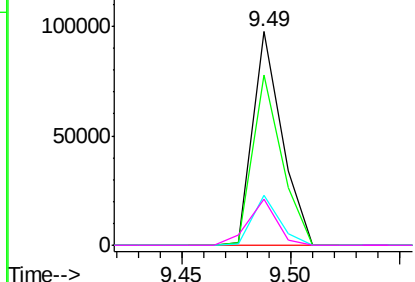
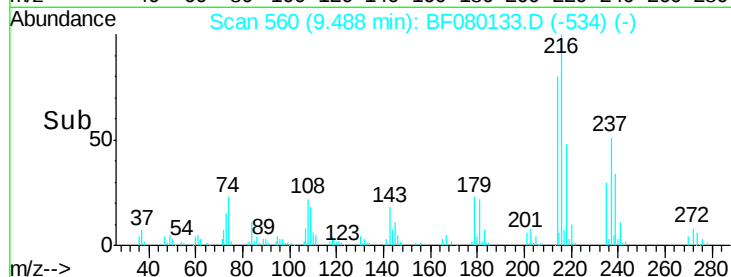
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.29 ng  
 RT: 9.49 min Scan# 560  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

Tgt Ion:216 Resp: 91161  
 Ion Ratio Lower Upper  
 216 100  
 214 78.8 63.5 95.3  
 179 21.5 16.6 24.8  
 108 21.2 16.3 24.5

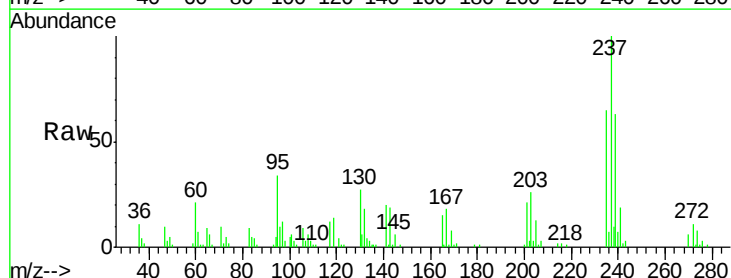


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

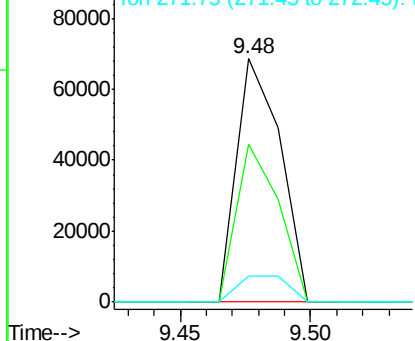
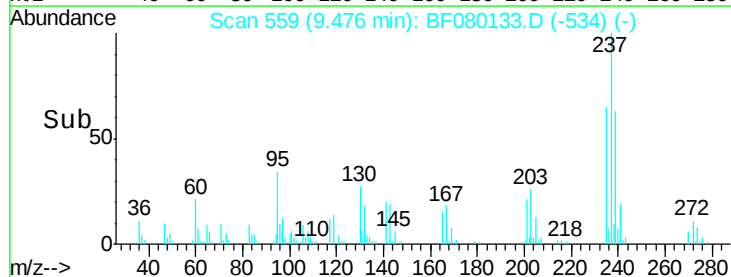


#40  
 Hexachlorocyclopentadiene  
 Concen: 75.05 ng  
 RT: 9.48 min Scan# 559  
 Delta R.T. -0.01 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Tgt Ion:237 Resp: 80881  
 Ion Ratio Lower Upper  
 237 100  
 235 65.1 42.0 82.0  
 272 10.9 0.0 36.1



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

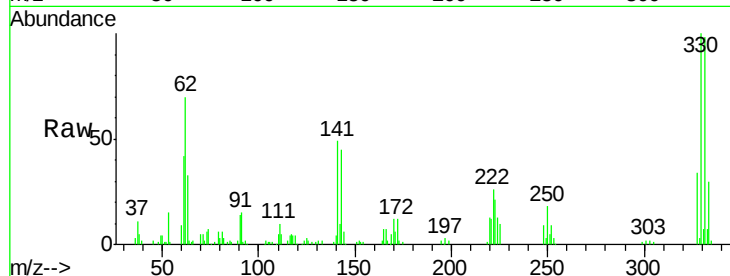




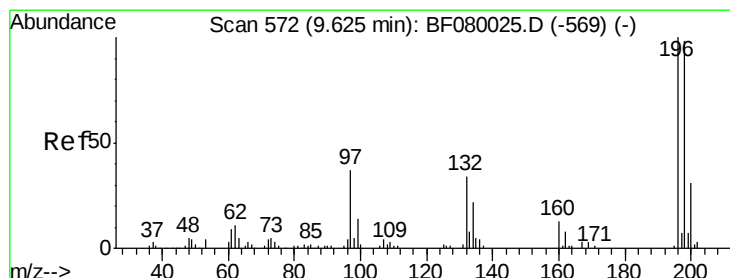
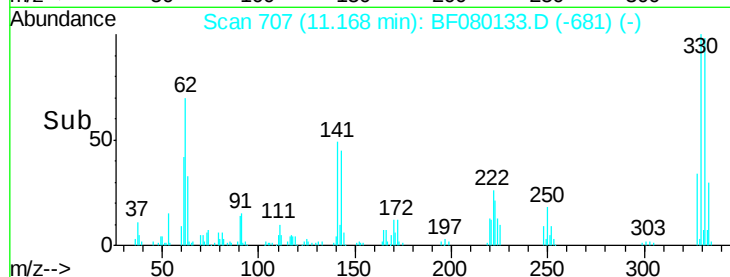
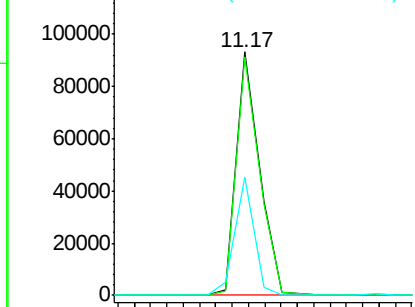
#41  
 2,4,6-Tribromophenol  
 Concen: 128.96 ng  
 RT: 11.17 min Scan# 707  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

Tgt Ion:330 Resp: 91259  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 76.6 114.8  
 141 40.4 29.7 44.5

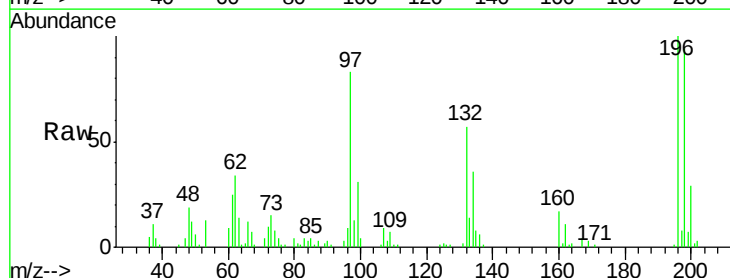


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

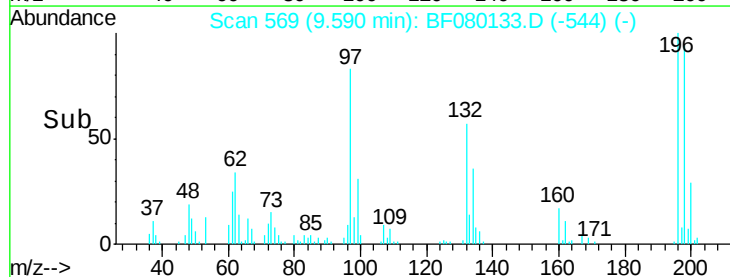
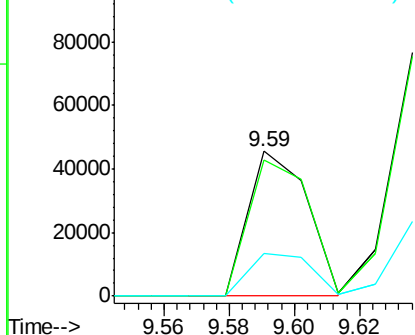


#42  
 2,4,6-Trichlorophenol  
 Concen: 39.69 ng  
 RT: 9.59 min Scan# 569  
 Delta R.T. -0.01 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Tgt Ion:196 Resp: 56873  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 75.7 113.5  
 200 29.5 23.9 35.9



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

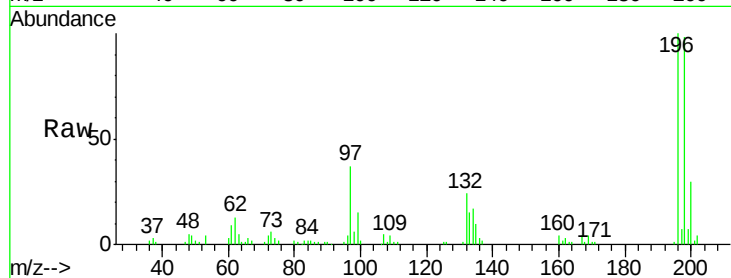




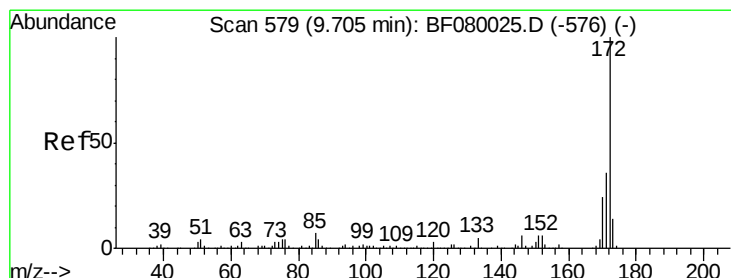
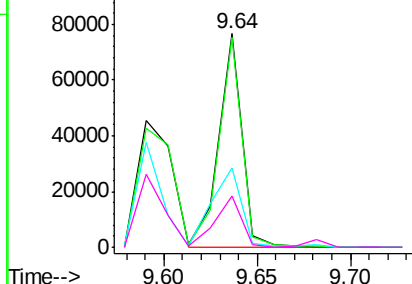
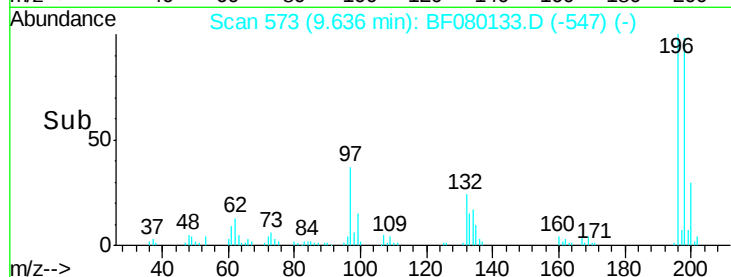
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.08 ng  
 RT: 9.64 min Scan# 573  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

Tgt Ion:196 Resp: 66175  
 Ion Ratio Lower Upper  
 196 100  
 198 98.4 75.4 113.0  
 97 37.4 33.3 49.9  
 132 23.9 24.6 37.0#

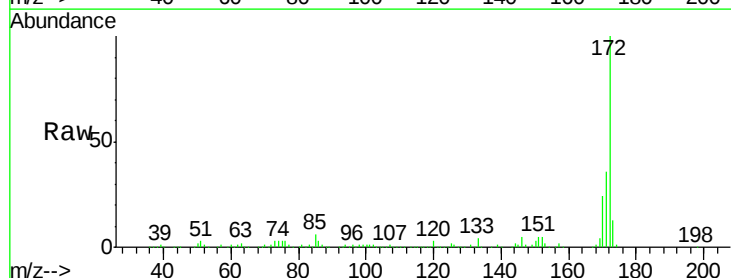


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

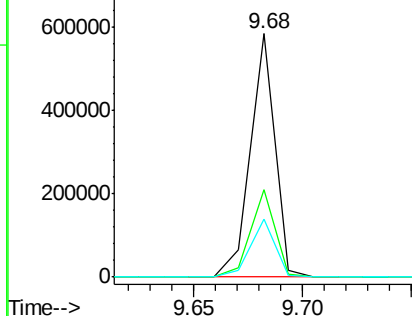
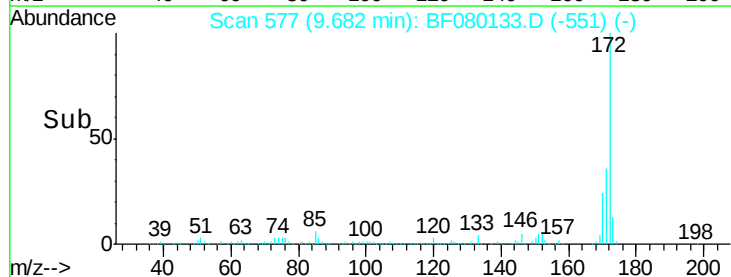


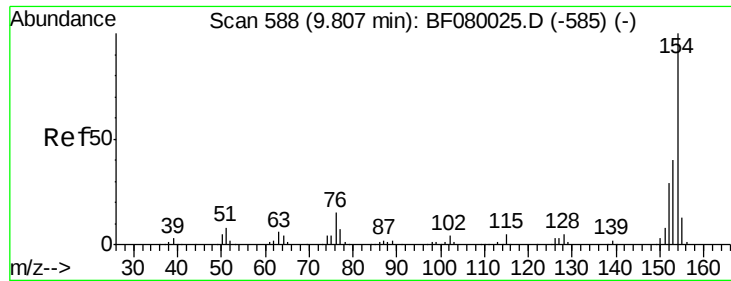
#44  
 2-Fluorobiphenyl  
 Concen: 90.23 ng  
 RT: 9.68 min Scan# 577  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Tgt Ion:172 Resp: 457873  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 26.1 39.1  
 170 24.0 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

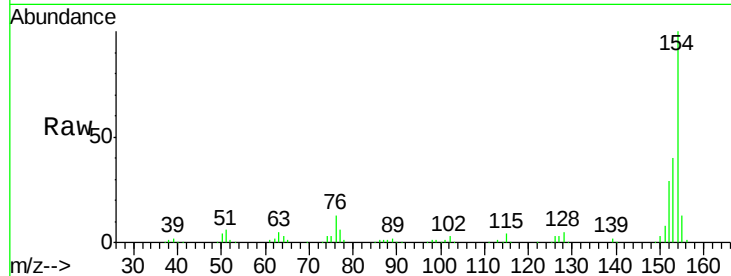




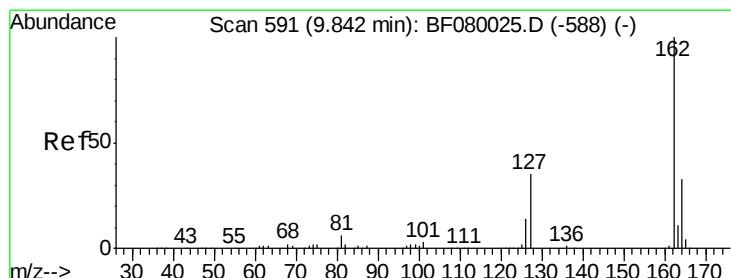
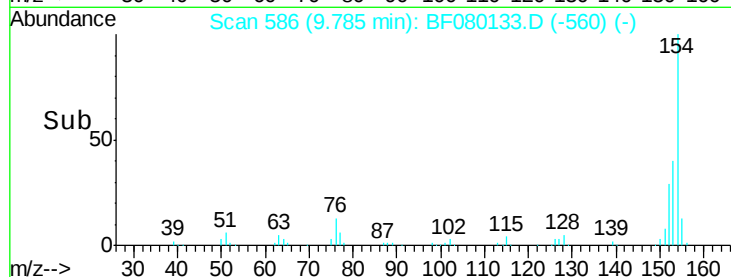
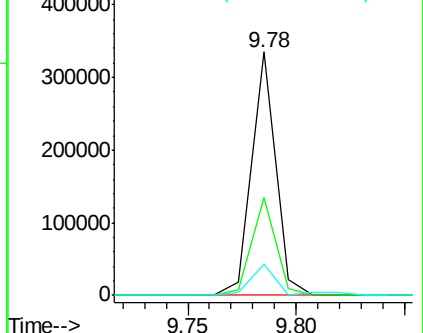
#45  
 1,1'-Biphenyl  
 Concen: 43.75 ng  
 RT: 9.78 min Scan# 586  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.2  | 17.1  | 57.1  |
| 76      | 12.9  | 0.0   | 31.6  |

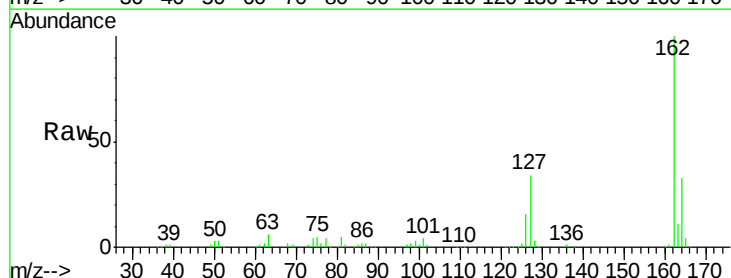


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

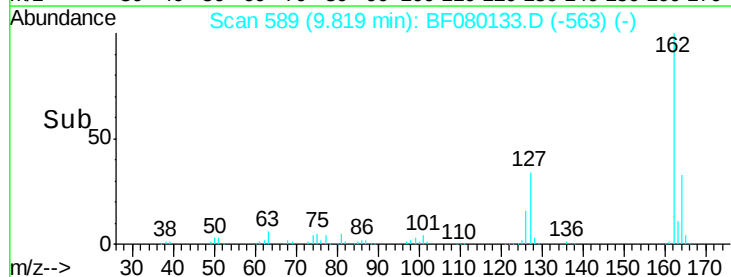
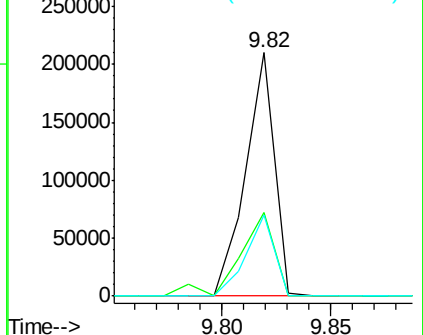


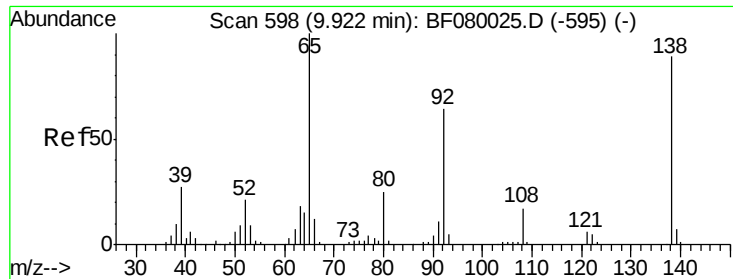
#46  
 2-Chloronaphthalene  
 Concen: 40.21 ng  
 RT: 9.82 min Scan# 589  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 34.5  | 27.6  | 41.4  |
| 164     | 33.2  | 25.4  | 38.2  |



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

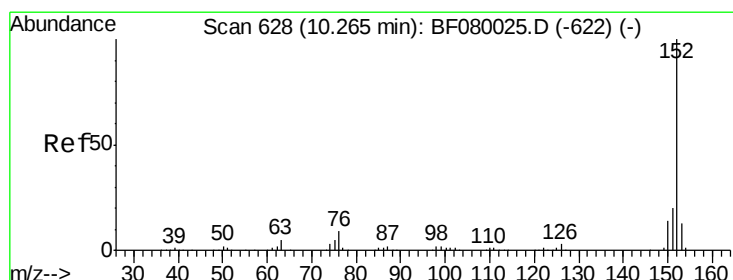
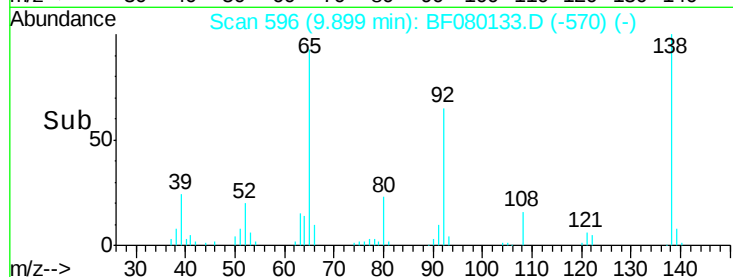
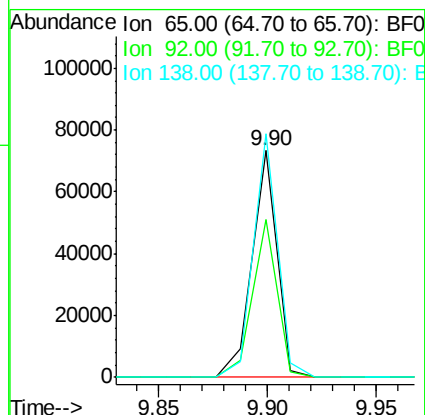
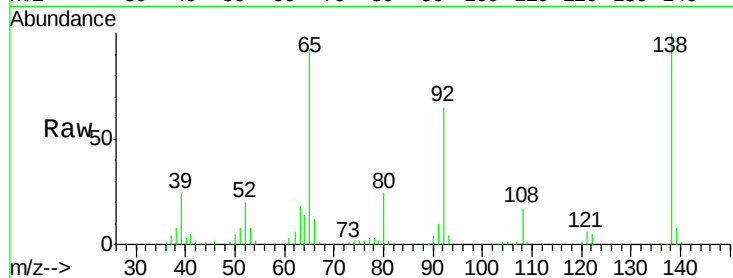




#47  
2-Nitroaniline  
Concen: 44.37 ng  
RT: 9.90 min Scan# 596  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

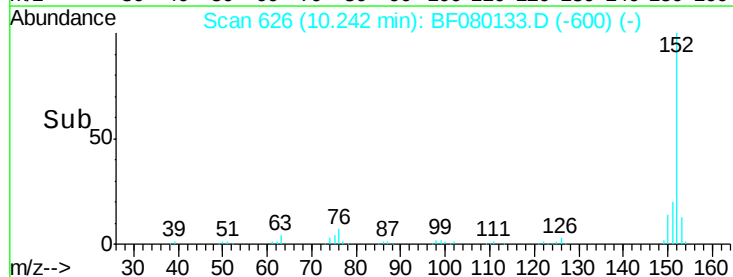
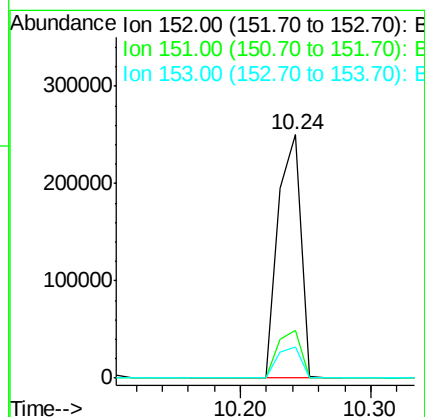
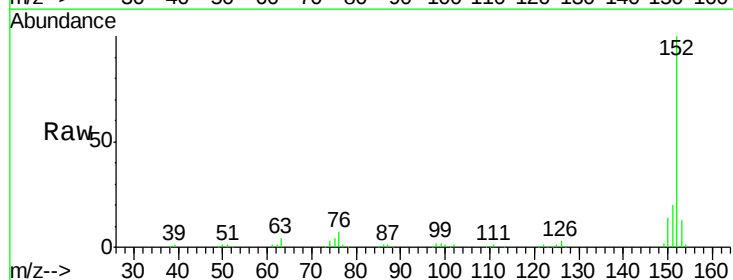
Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

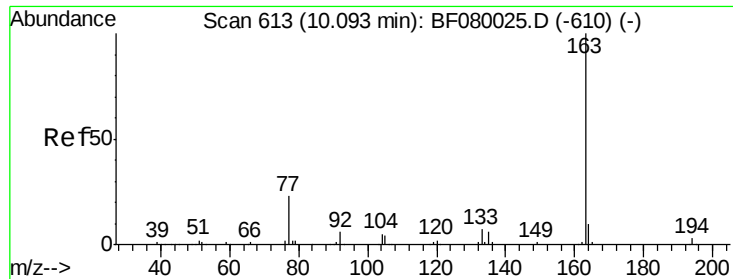
Tgt Ion: 65 Resp: 58185  
Ion Ratio Lower Upper  
65 100  
92 69.6 55.4 83.0  
138 107.5 115.5 173.3#



#48  
Acenaphthylene  
Concen: 38.72 ng  
RT: 10.24 min Scan# 626  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion: 152 Resp: 308741  
Ion Ratio Lower Upper  
152 100  
151 19.8 14.6 22.0  
153 12.9 10.3 15.5

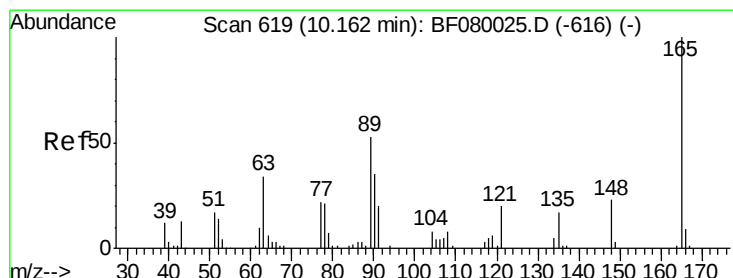
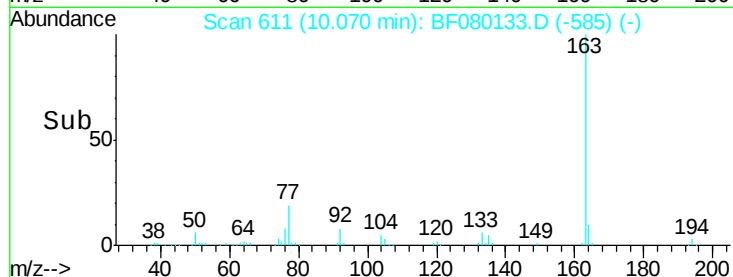
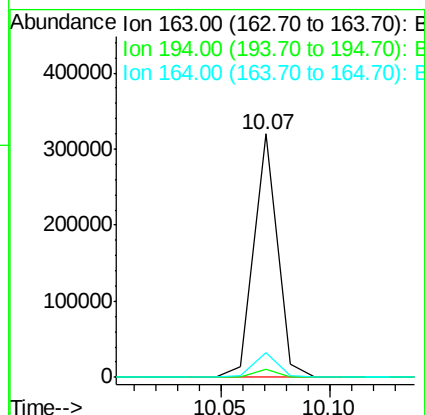
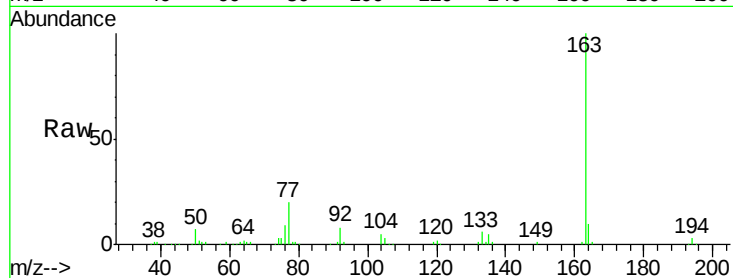




#49  
Dimethylphthalate  
Concen: 44.41 ng  
RT: 10.07 min Scan# 611  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

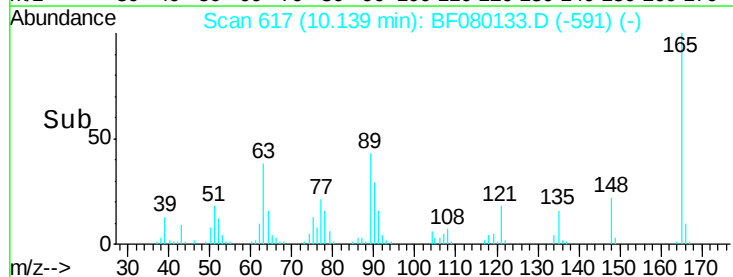
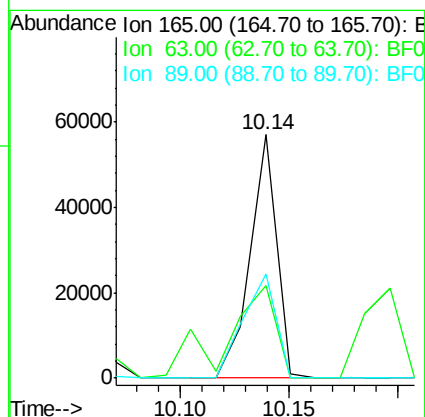
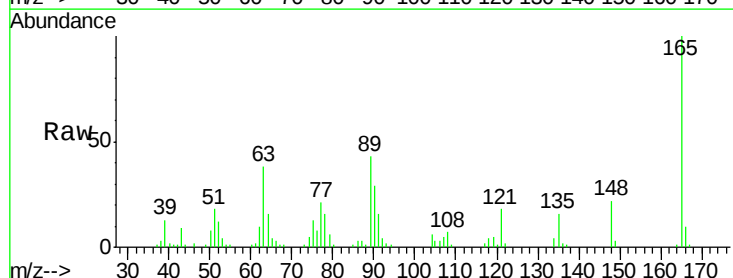
Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

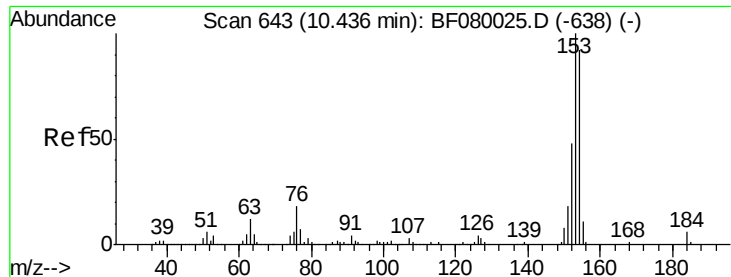
Tgt Ion:163 Resp: 241643  
Ion Ratio Lower Upper  
163 100  
194 3.5 4.4 6.6#  
164 10.3 8.3 12.5



#50  
2,6-Dinitrotoluene  
Concen: 44.03 ng  
RT: 10.14 min Scan# 617  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion:165 Resp: 48028  
Ion Ratio Lower Upper  
165 100  
63 38.0 32.3 48.5  
89 42.6 28.6 43.0





#51

Acenaphthene

Concen: 41.67 ng

RT: 10.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

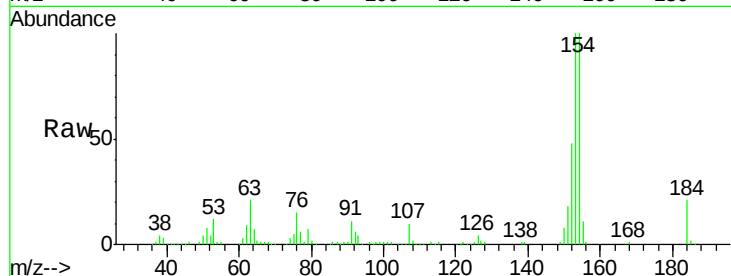
Tgt Ion:154 Resp: 203275

Ion Ratio Lower Upper

154 100

153 99.9 82.1 123.1

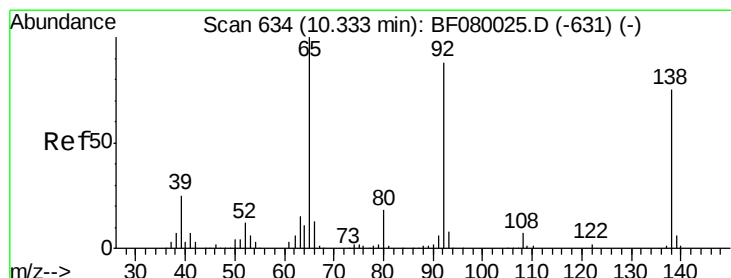
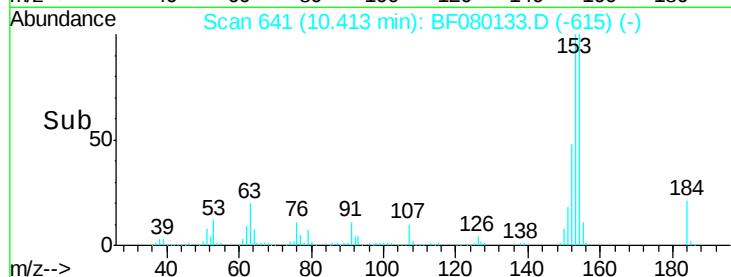
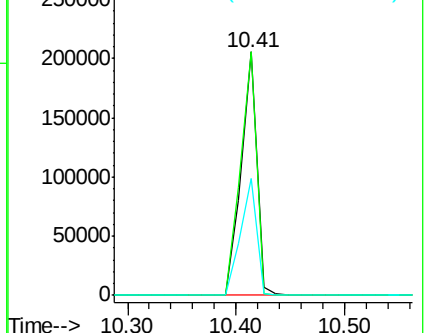
152 47.9 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.27 ng

RT: 10.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

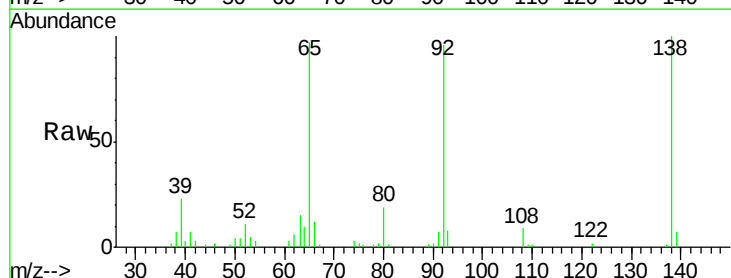
Tgt Ion:138 Resp: 38088

Ion Ratio Lower Upper

138 100

108 9.0 5.7 8.5#

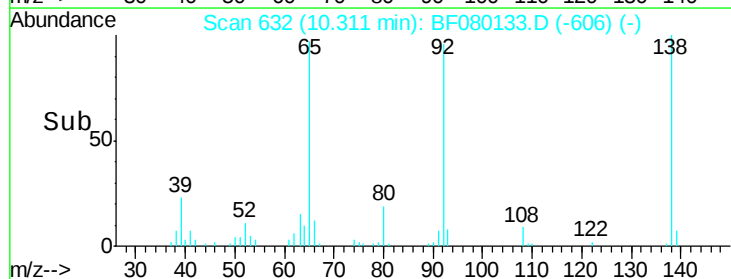
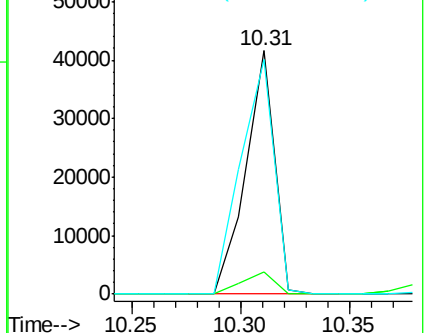
92 96.2 67.7 101.5

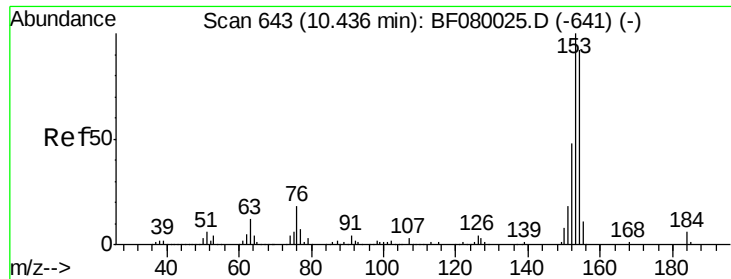


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

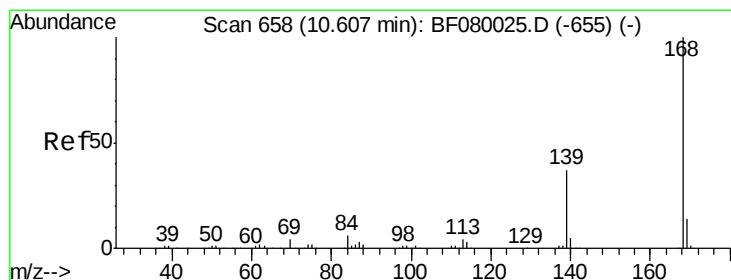
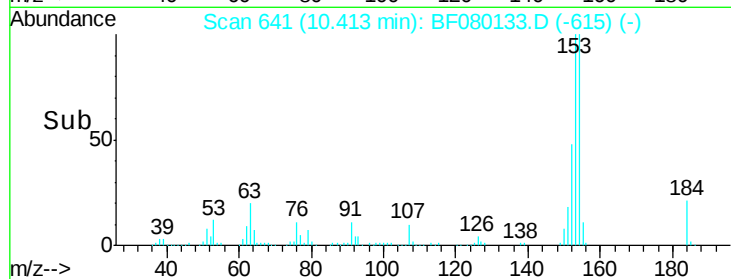
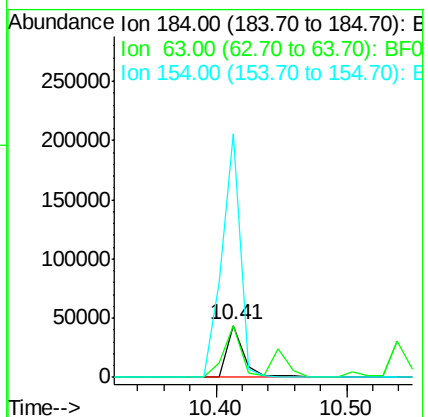
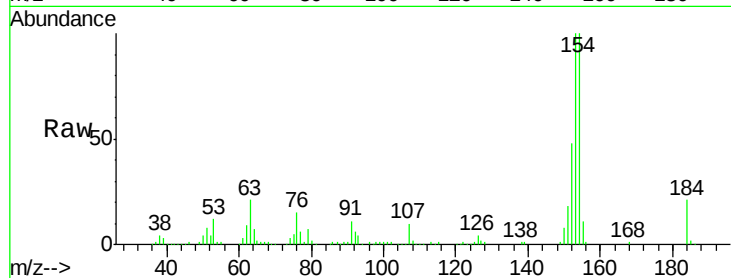




#53  
2,4-Dinitrophenol  
Concen: 87.93 ng  
RT: 10.41 min Scan# 641  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

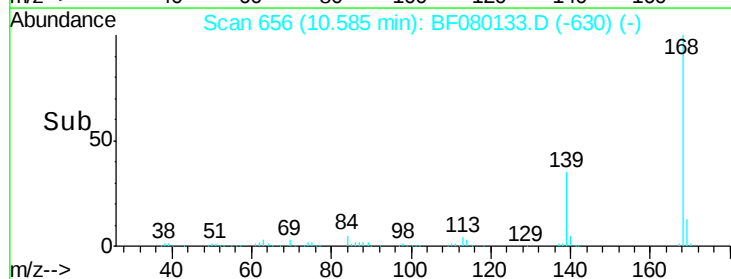
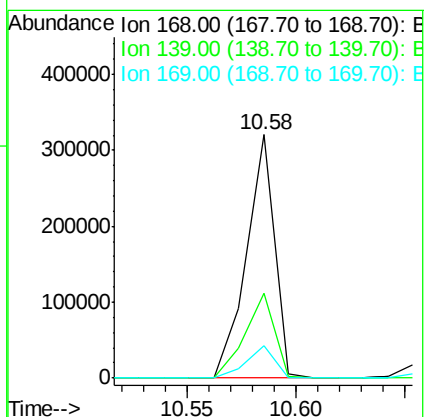
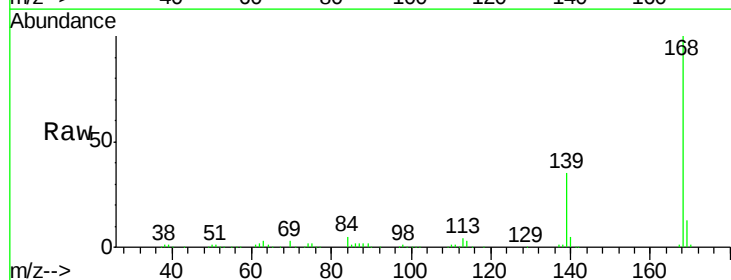
Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

Tgt Ion:184 Resp: 39311  
Ion Ratio Lower Upper  
184 100  
63 99.0 35.4 53.2#  
154 469.2 32.2 48.4#



#54  
Dibenzofuran  
Concen: 41.40 ng  
RT: 10.58 min Scan# 656  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion:168 Resp: 286596  
Ion Ratio Lower Upper  
168 100  
139 34.7 24.2 36.2  
169 13.3 10.6 15.8





#55

4-Nitrophenol

Concen: 75.46 ng

RT: 10.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

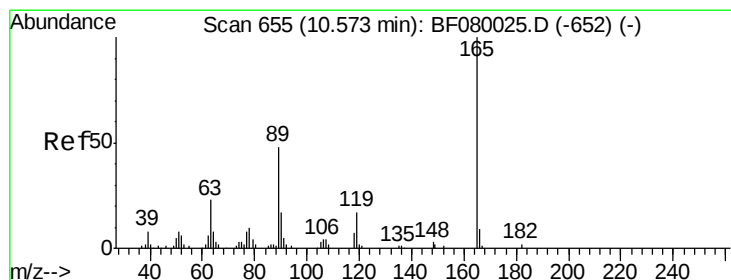
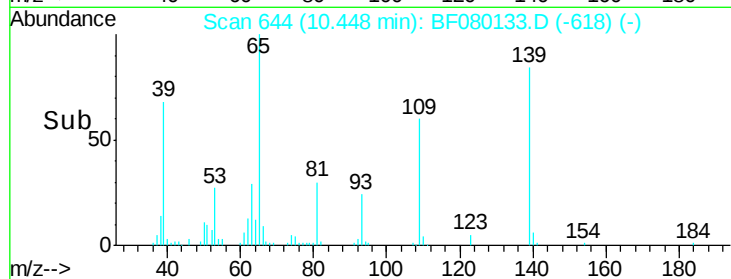
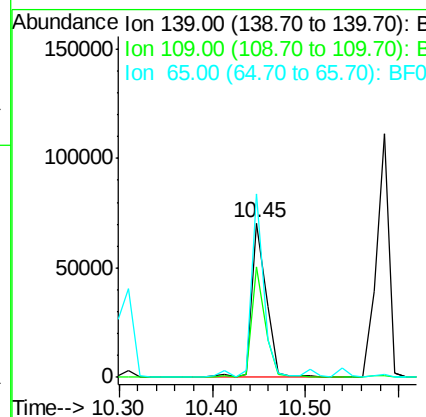
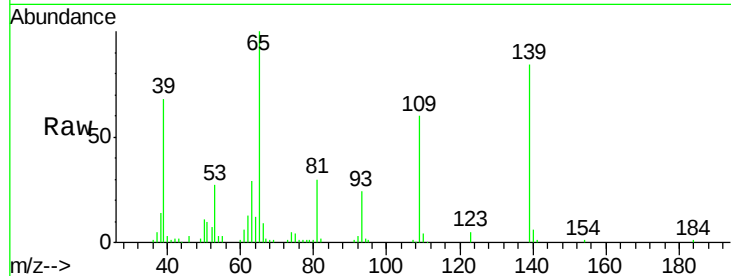
Tgt Ion:139 Resp: 75909

Ion Ratio Lower Upper

139 100

109 71.9 12.7 52.7#

65 118.9 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 42.67 ng

RT: 10.54 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Tgt Ion:165 Resp: 59061

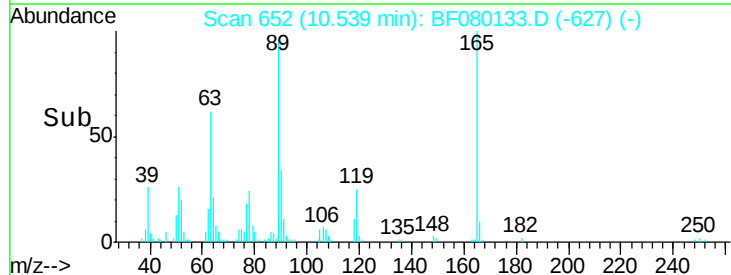
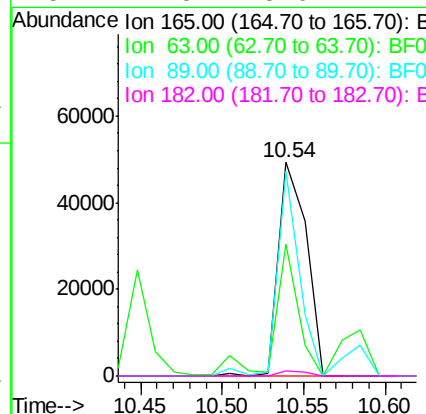
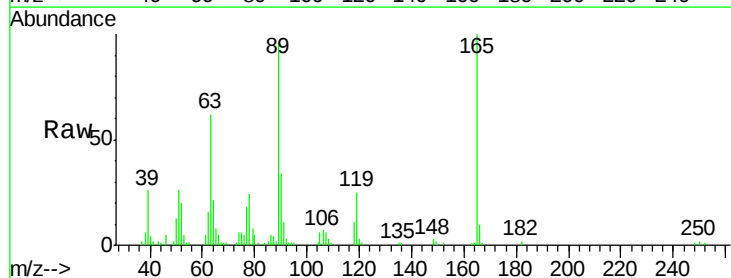
Ion Ratio Lower Upper

165 100

63 61.9 29.8 44.6#

89 96.0 44.5 66.7#

182 2.3 3.0 4.4#

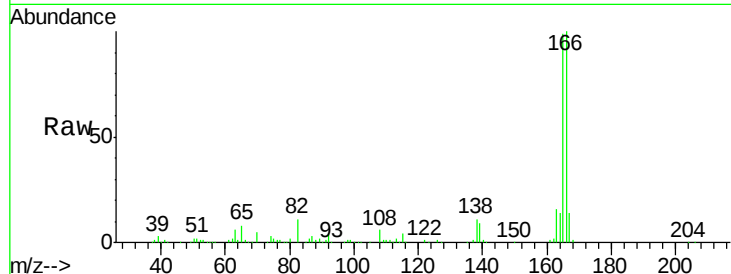




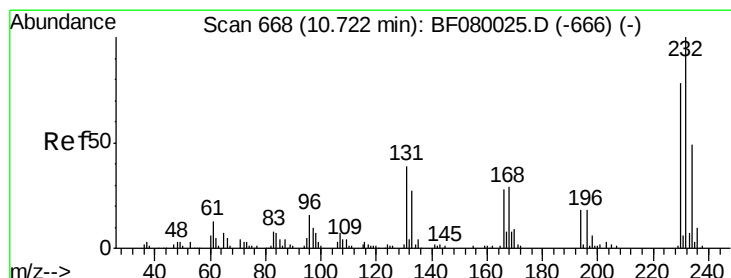
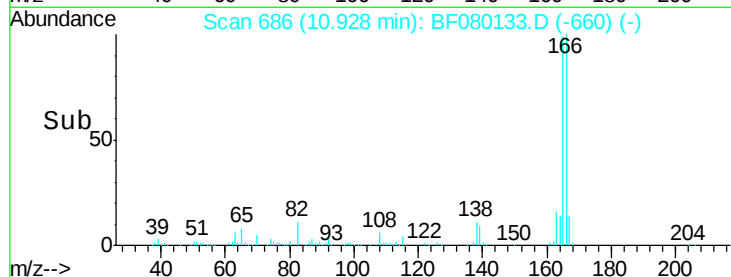
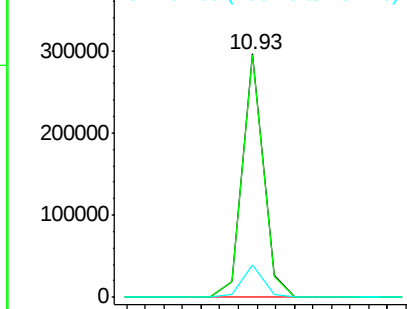
#57  
 Fluorene  
 Concen: 42.73 ng  
 RT: 10.93 min Scan# 686  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

Tgt Ion:166 Resp: 234685  
 Ion Ratio Lower Upper  
 166 100  
 165 99.4 72.6 109.0  
 167 13.5 10.6 16.0

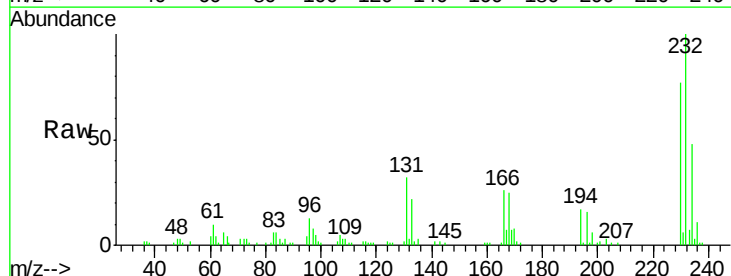


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

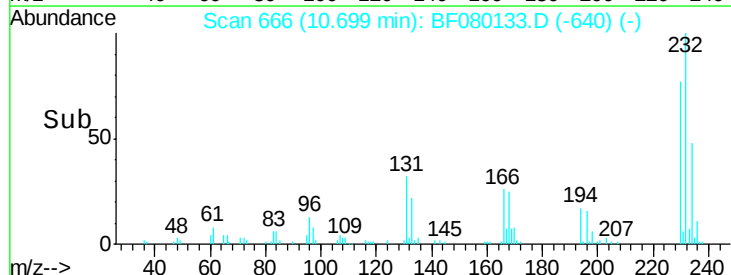
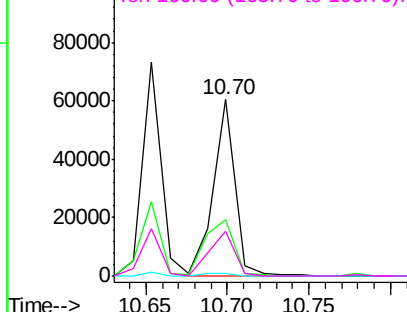


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.29 ng  
 RT: 10.70 min Scan# 666  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Tgt Ion:232 Resp: 56149  
 Ion Ratio Lower Upper  
 232 100  
 131 42.8 38.5 57.7  
 130 2.2 1.8 2.6  
 166 29.3 25.0 37.6



Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

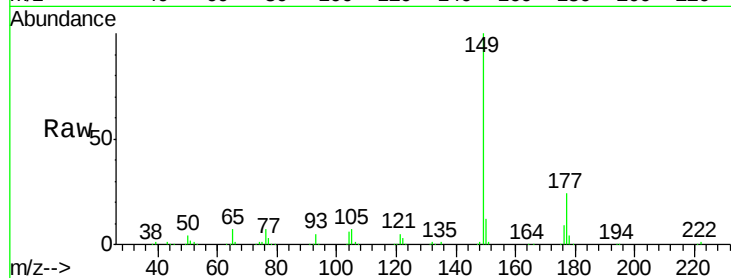




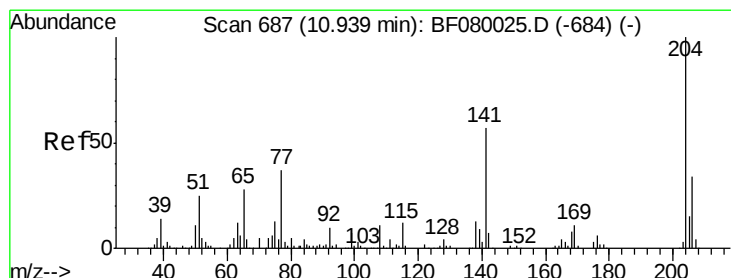
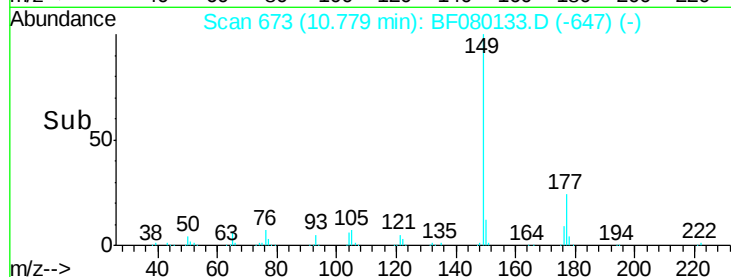
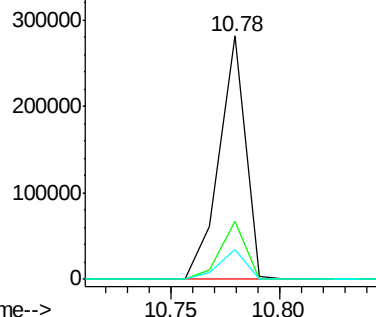
#59  
Diethylphthalate  
Concen: 43.35 ng  
RT: 10.78 min Scan# 673  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

Tgt Ion:149 Resp: 237504  
Ion Ratio Lower Upper  
149 100  
177 23.6 17.5 26.3  
150 12.2 9.4 14.2

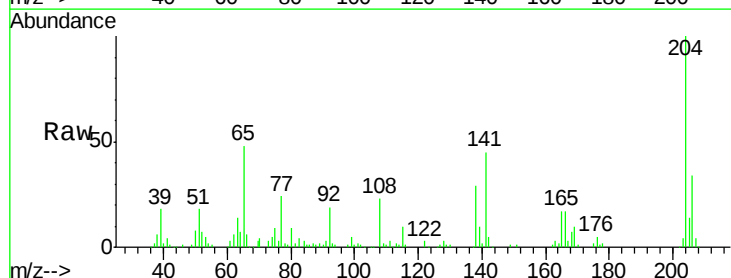


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

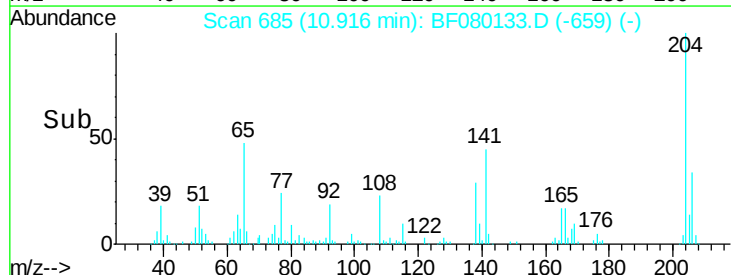
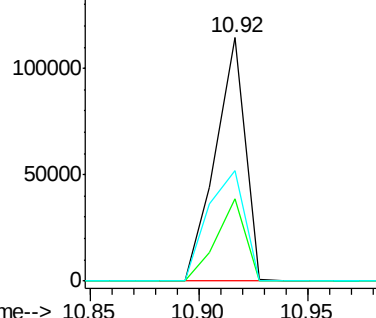


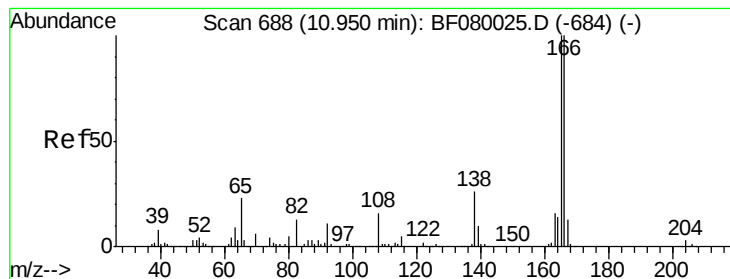
#60  
4-Chlorophenyl-phenylether  
Concen: 41.48 ng  
RT: 10.92 min Scan# 685  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion:204 Resp: 109489  
Ion Ratio Lower Upper  
204 100  
206 33.8 24.8 37.2  
141 45.2 42.2 63.4



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

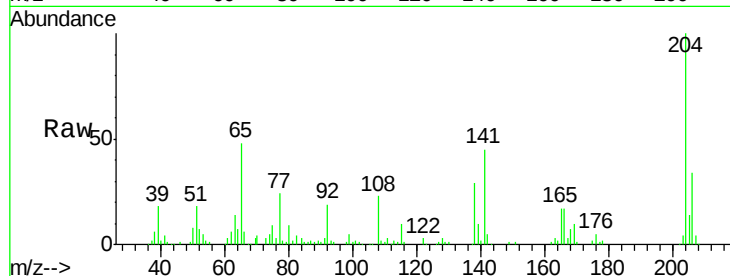




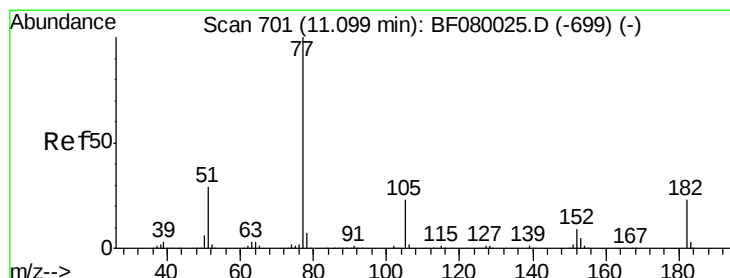
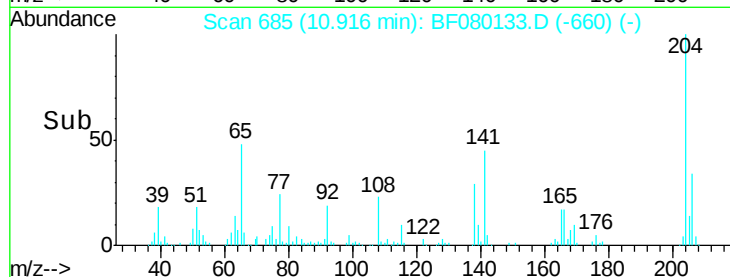
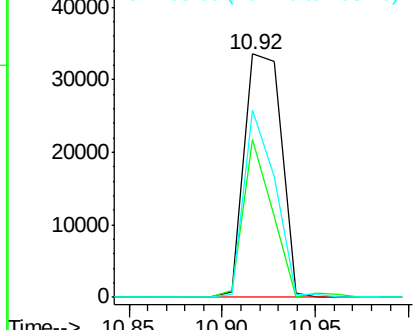
#61  
4-Nitroaniline  
Concen: 35.66 ng  
RT: 10.92 min Scan# 685  
Delta R.T. -0.01 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

Tgt Ion:138 Resp: 46345  
Ion Ratio Lower Upper  
138 100  
92 65.0 12.6 52.6#  
108 76.8 12.4 52.4#

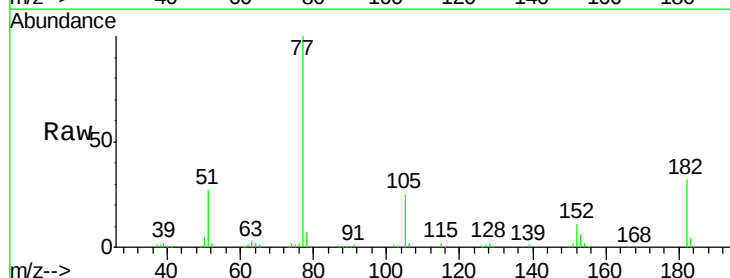


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

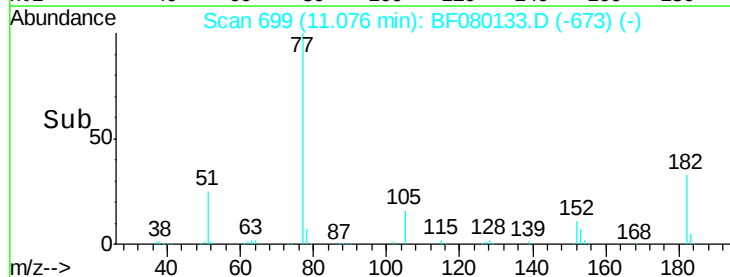
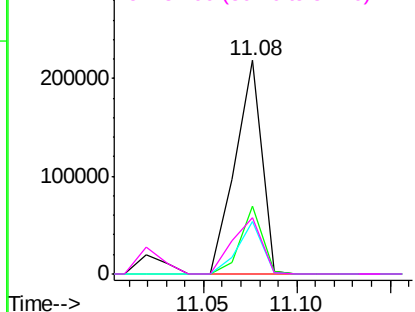


#62  
Azobenzene  
Concen: 39.31 ng  
RT: 11.08 min Scan# 699  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion: 77 Resp: 219221  
Ion Ratio Lower Upper  
77 100  
182 31.7 15.1 55.1  
105 24.8 3.4 43.4  
51 26.5 12.0 52.0



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

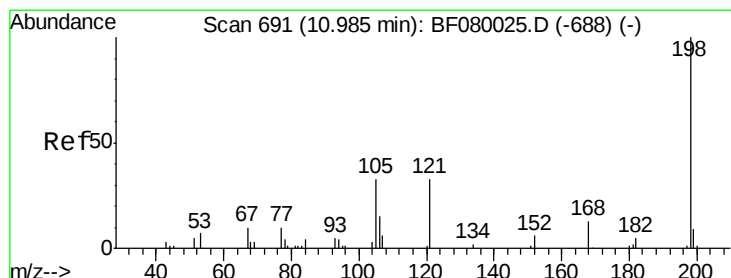
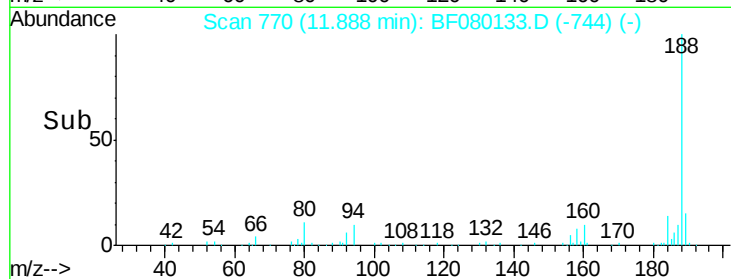
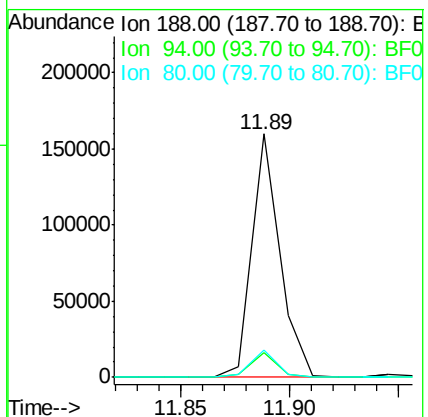
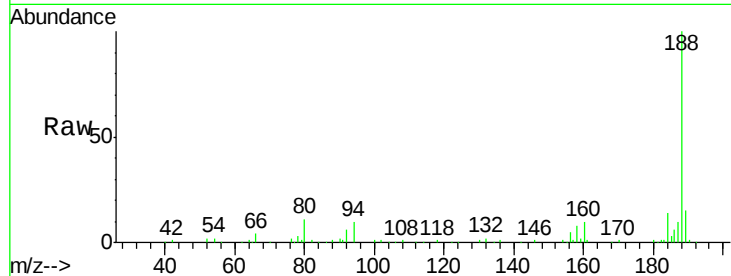




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.89 min Scan# 770  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

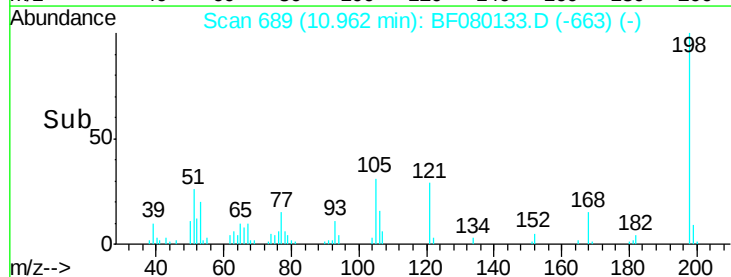
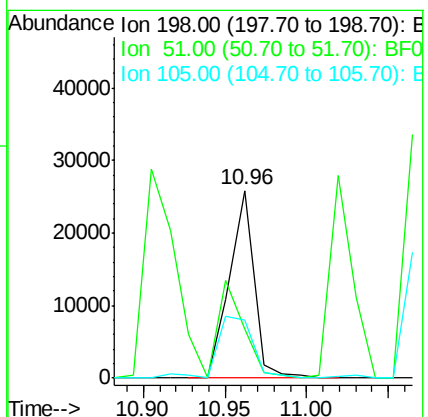
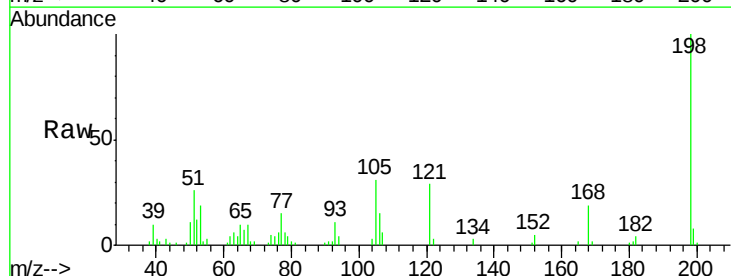
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

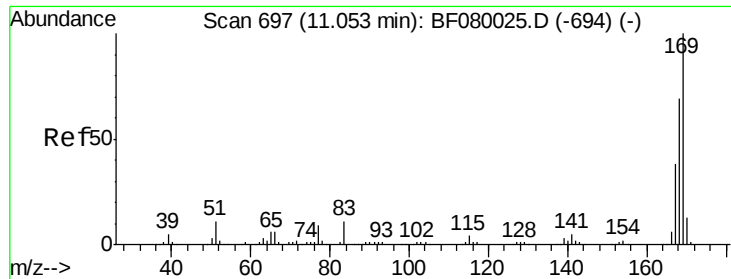
Tgt Ion:188 Resp: 143070  
 Ion Ratio Lower Upper  
 188 100  
 94 10.1 11.1 16.7#  
 80 11.0 11.0 16.4



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 40.13 ng  
 RT: 10.96 min Scan# 689  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Tgt Ion:198 Resp: 27071  
 Ion Ratio Lower Upper  
 198 100  
 51 25.9 39.6 79.6#  
 105 30.9 28.5 68.5

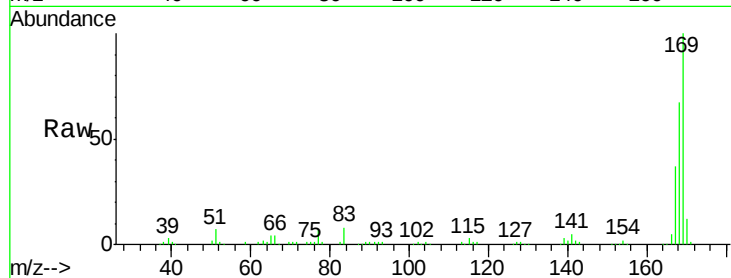




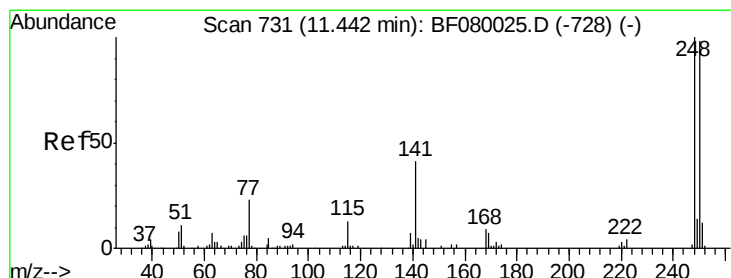
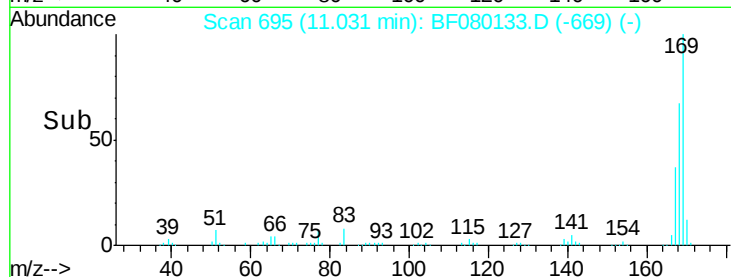
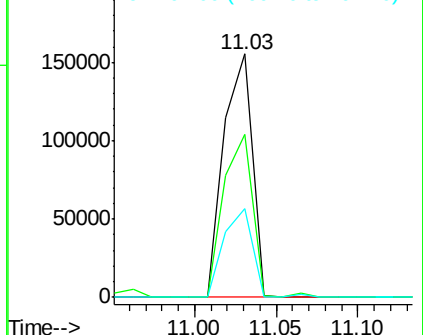
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.07 ng  
 RT: 11.03 min Scan# 695  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

Tgt Ion:169 Resp: 186665  
 Ion Ratio Lower Upper  
 169 100  
 168 67.0 48.9 73.3  
 167 36.5 26.2 39.4

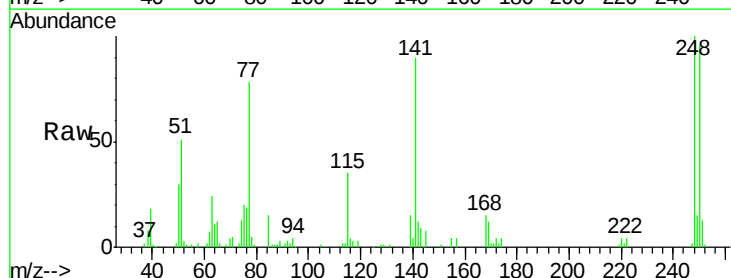


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

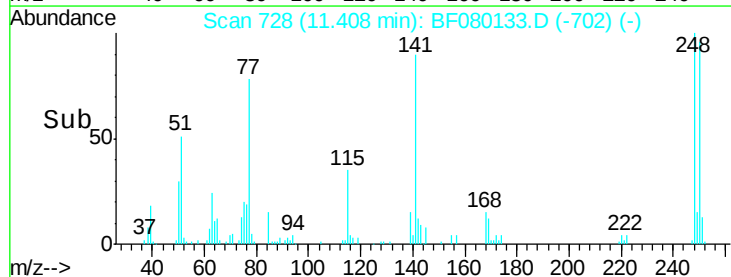
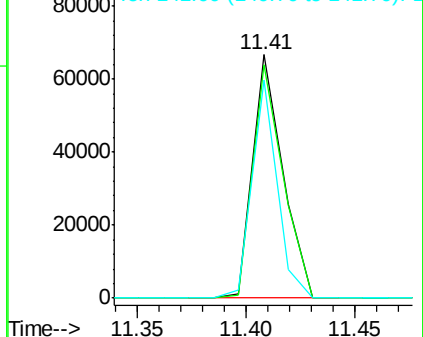


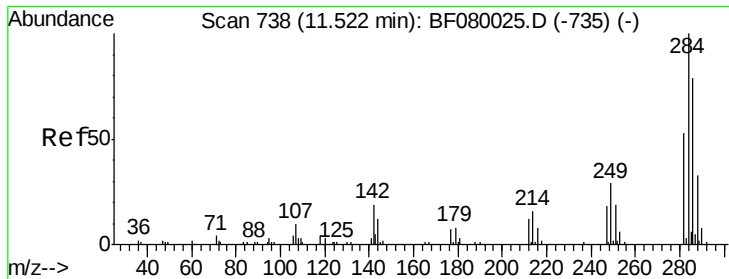
#66  
 4-Bromophenyl-phenylether  
 Concen: 42.14 ng  
 RT: 11.41 min Scan# 728  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Tgt Ion:248 Resp: 64105  
 Ion Ratio Lower Upper  
 248 100  
 250 96.1 78.5 117.7  
 141 89.5 59.0 88.6#



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

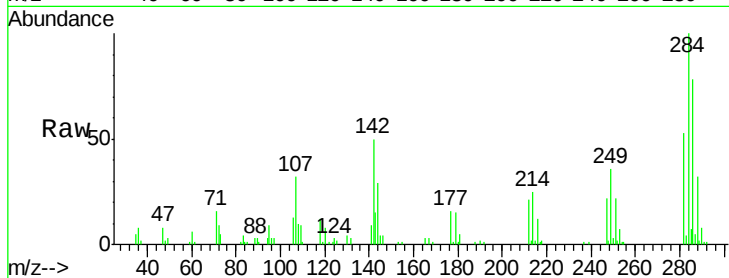




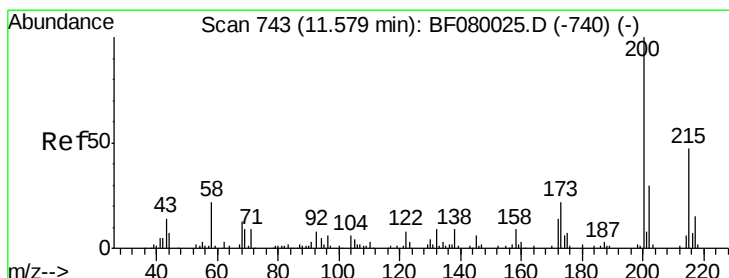
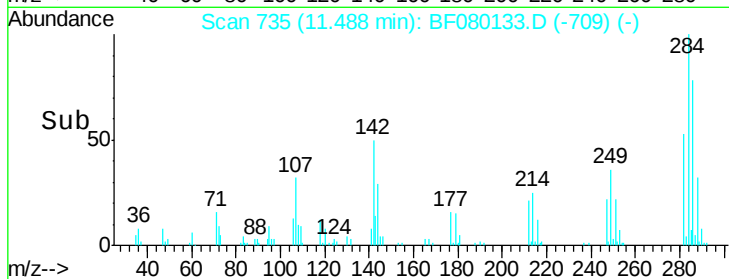
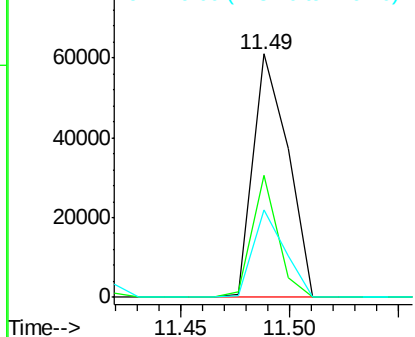
#67  
Hexachlorobenzene  
Concen: 40.14 ng  
RT: 11.49 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

Tgt Ion:284 Resp: 67867  
Ion Ratio Lower Upper  
284 100  
142 50.3 29.5 44.3#  
249 36.2 19.5 29.3#

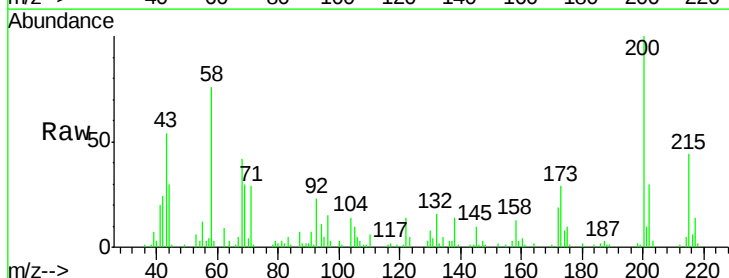


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

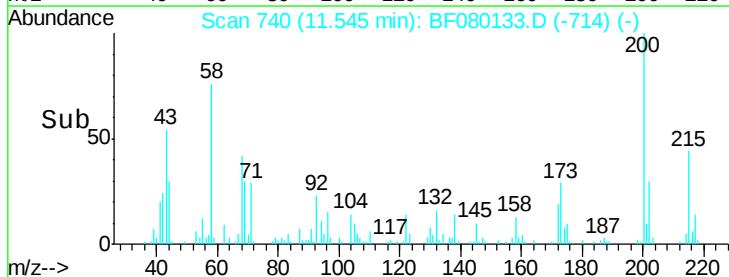
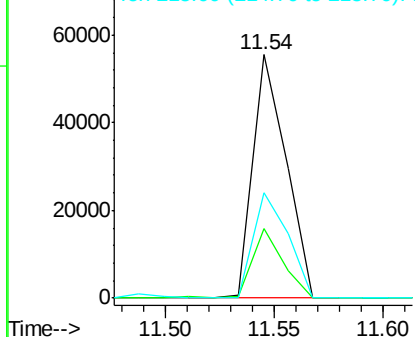


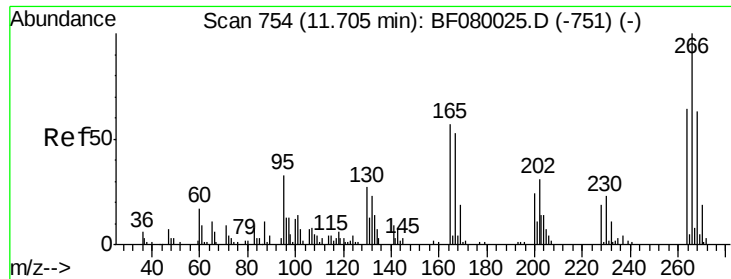
#68  
Atrazine  
Concen: 39.95 ng  
RT: 11.54 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion:200 Resp: 58799  
Ion Ratio Lower Upper  
200 100  
173 28.7 13.2 53.2  
215 43.5 41.8 81.8



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

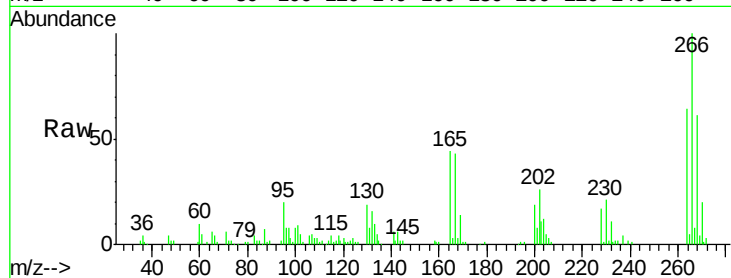




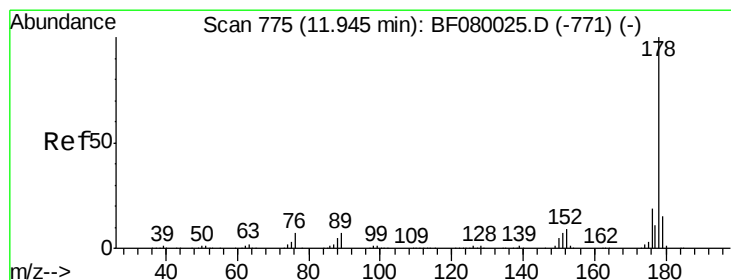
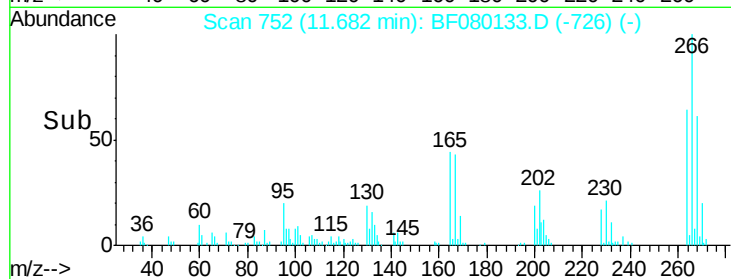
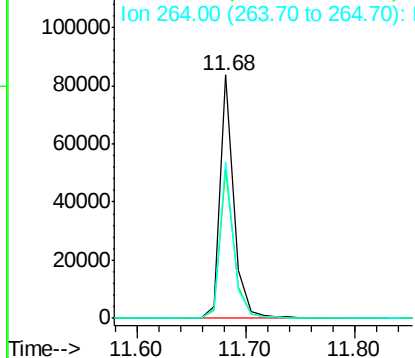
#69  
 Pentachlorophenol  
 Concen: 77.98 ng  
 RT: 11.68 min Scan# 752  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

Tgt Ion:266 Resp: 74706  
 Ion Ratio Lower Upper  
 266 100  
 268 61.1 49.8 74.6  
 264 64.4 50.2 75.2

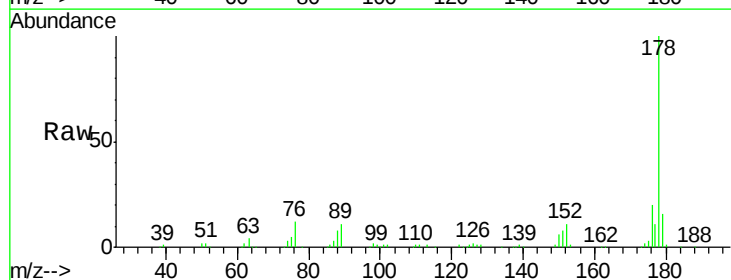


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

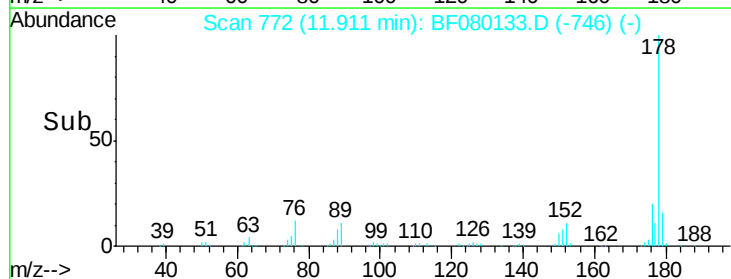
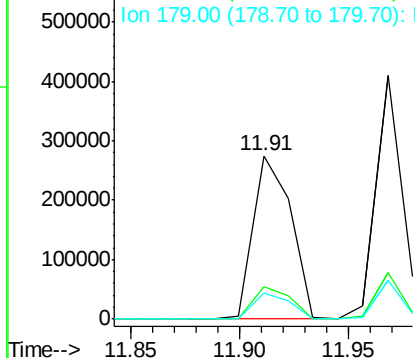


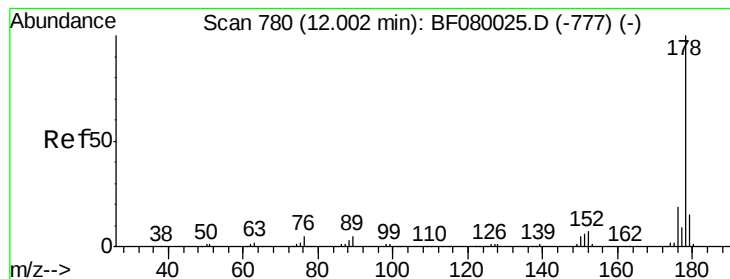
#70  
 Phenanthrene  
 Concen: 38.52 ng  
 RT: 11.91 min Scan# 772  
 Delta R.T. 0.00 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Tgt Ion:178 Resp: 333692  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 13.8 20.8  
 179 15.7 12.2 18.2



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





#71

Anthracene

Concen: 42.07 ng

RT: 11.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

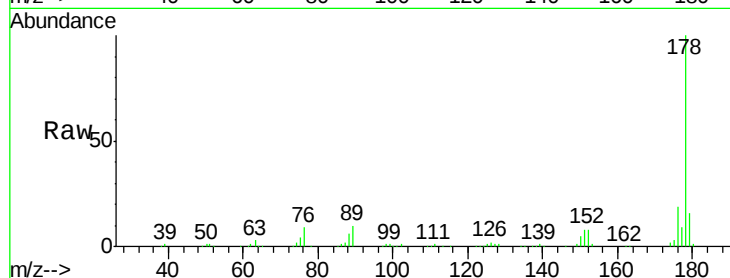
Tgt Ion:178 Resp: 350898

Ion Ratio Lower Upper

178 100

176 19.0 14.1 21.1

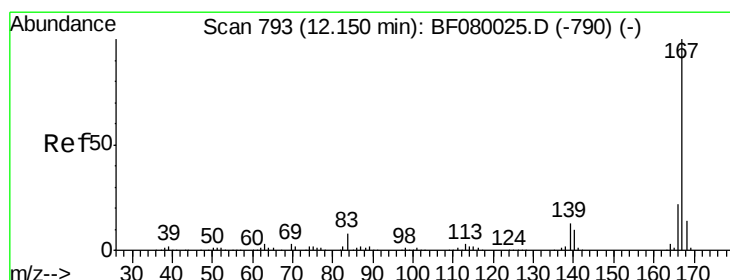
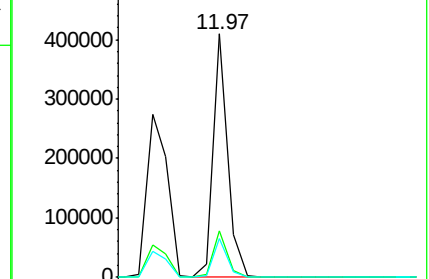
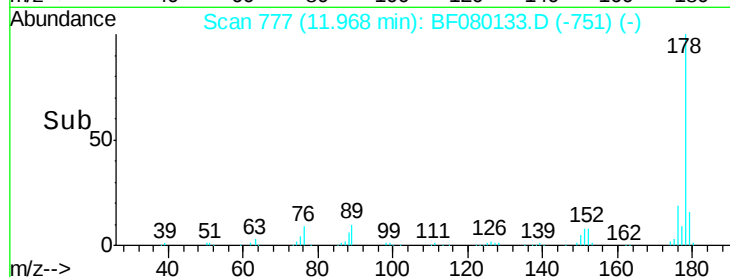
179 15.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.90 ng

RT: 12.12 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

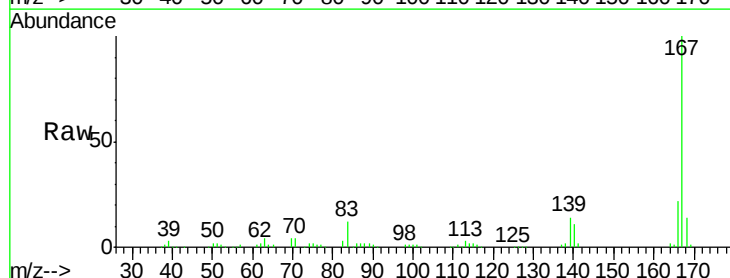
Tgt Ion:167 Resp: 293791

Ion Ratio Lower Upper

167 100

166 21.9 15.7 23.5

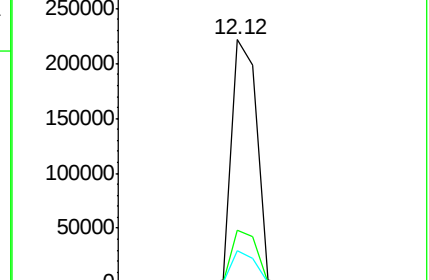
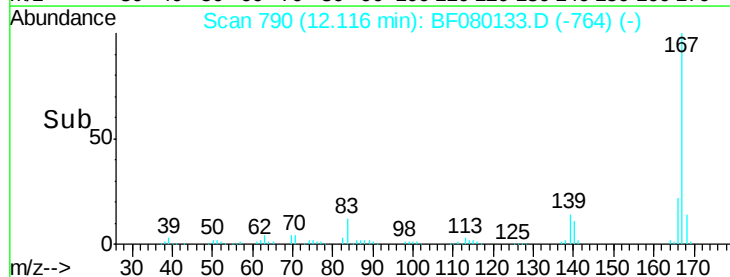
139 13.6 9.5 14.3

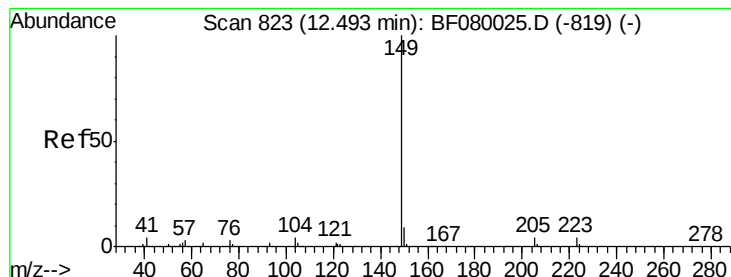


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.54 ng

RT: 12.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

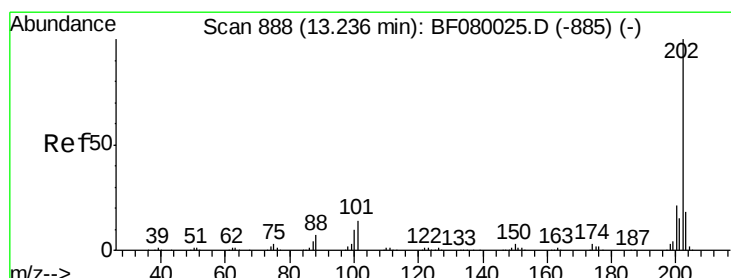
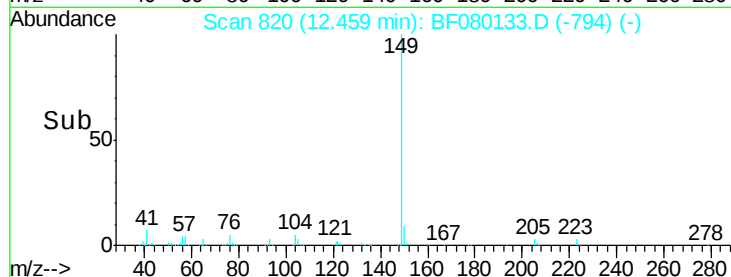
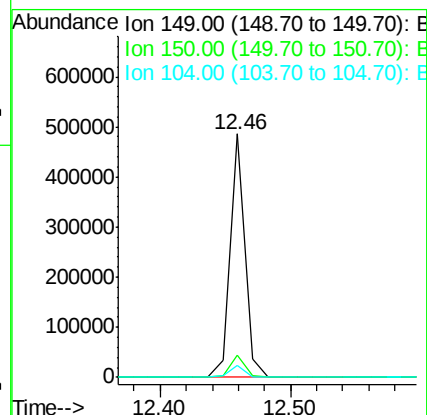
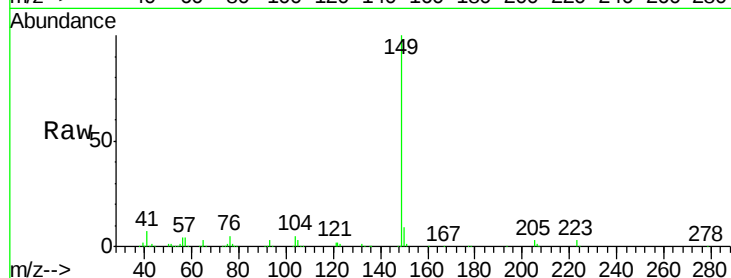
Tgt Ion:149 Resp: 382192

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.8 2.4 3.6#



#74

Fluoranthene

Concen: 38.56 ng

RT: 13.20 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

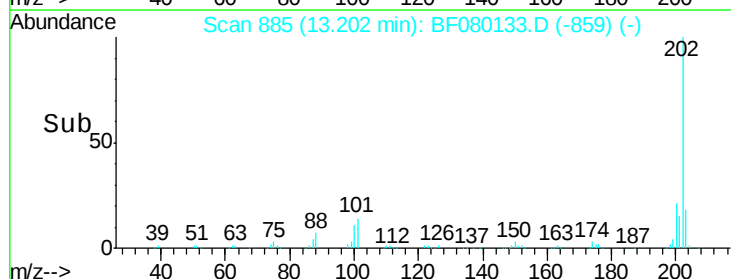
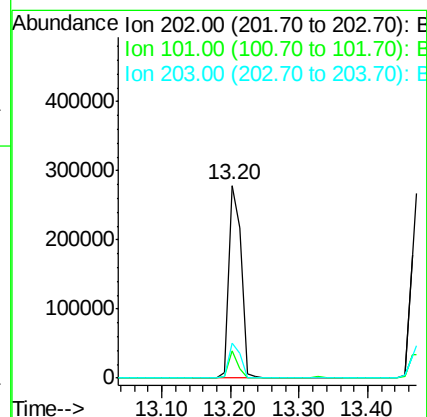
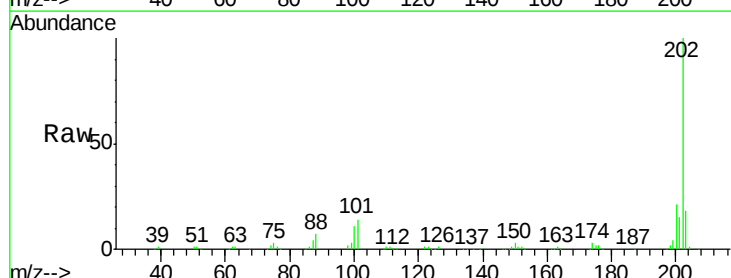
Tgt Ion:202 Resp: 355721

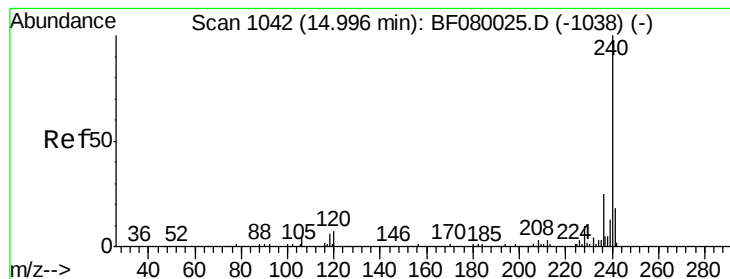
Ion Ratio Lower Upper

202 100

101 14.0 0.0 38.3

203 18.1 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.95 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

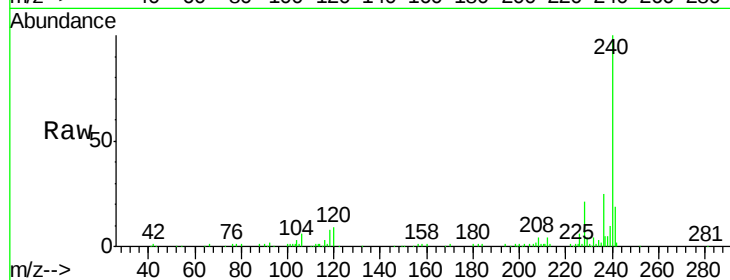
Tgt Ion:240 Resp: 144043

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

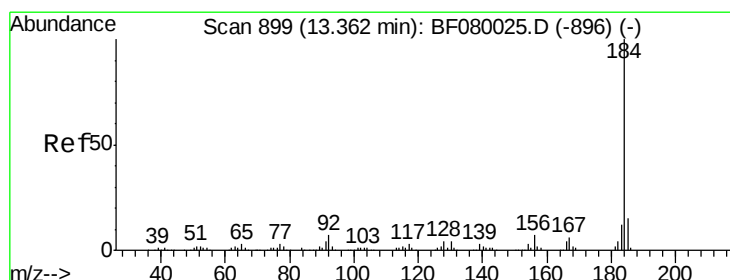
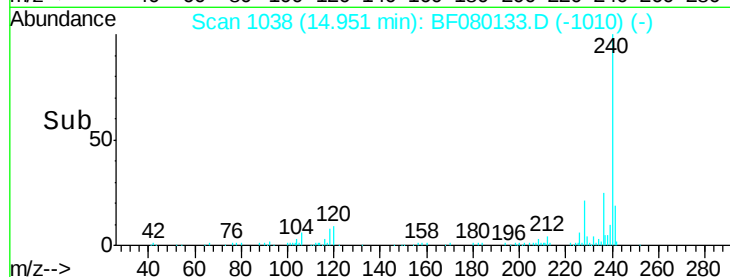
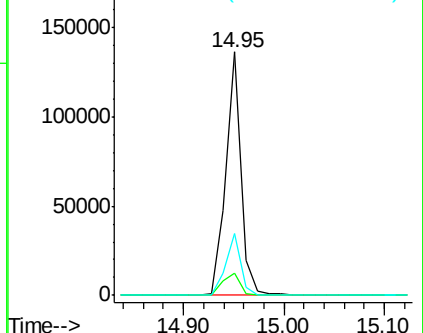
236 25.4 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.36 ng

RT: 13.33 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

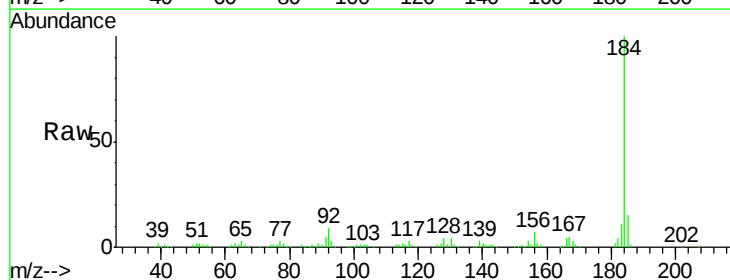
Tgt Ion:184 Resp: 210838

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

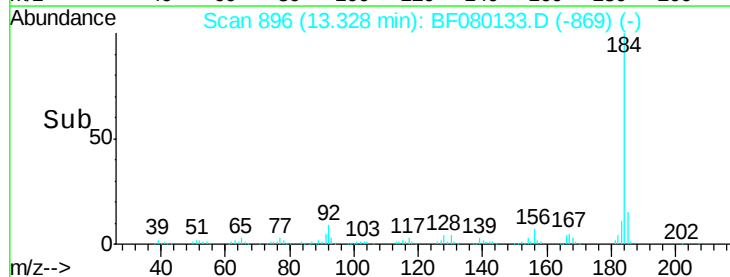
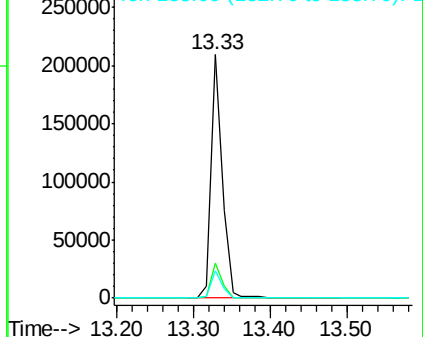
183 11.3 7.6 11.4

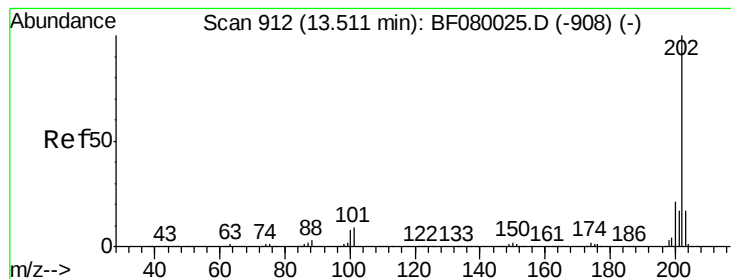


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.59 ng

RT: 13.48 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

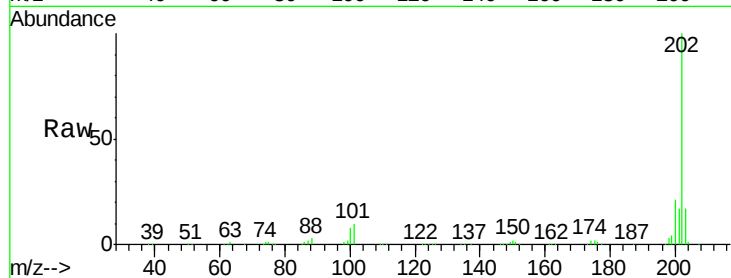
Tgt Ion:202 Resp: 386600

Ion Ratio Lower Upper

202 100

200 20.8 15.0 22.4

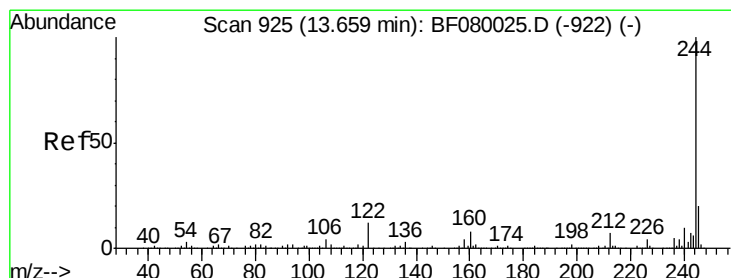
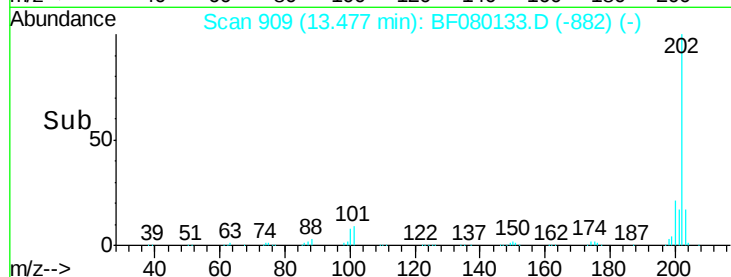
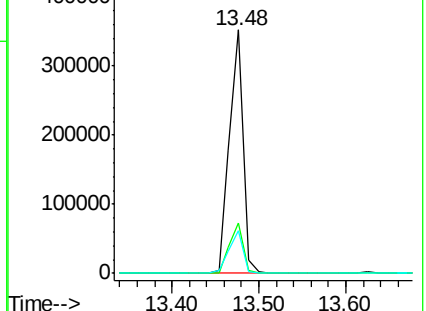
203 17.3 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.19 ng

RT: 13.63 min Scan# 922

Delta R.T. 0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

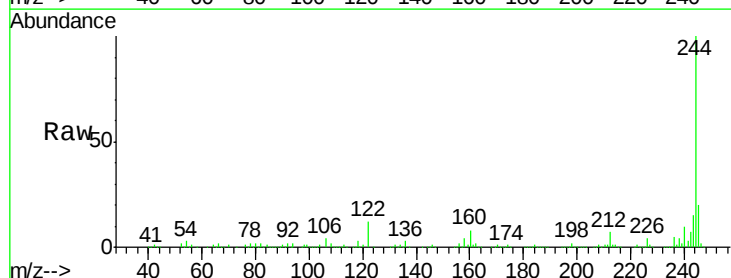
Tgt Ion:244 Resp: 513096

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

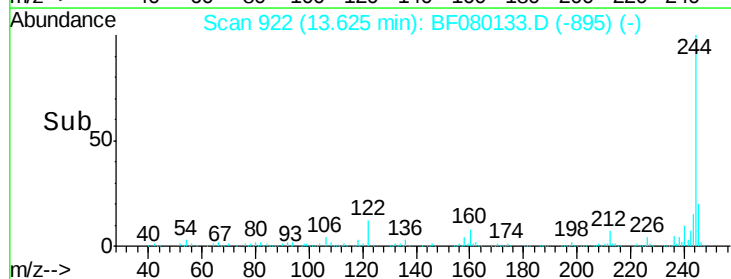
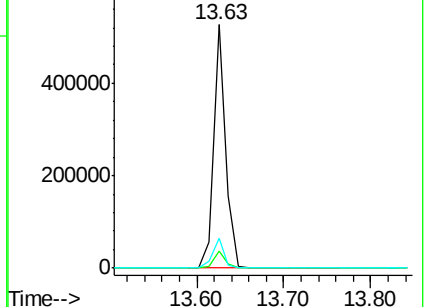
122 12.3 17.4 26.2#

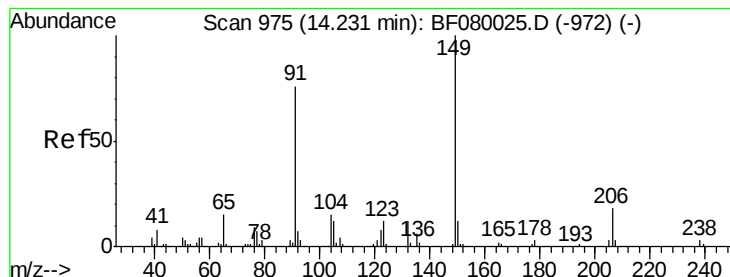


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.35 ng

RT: 14.20 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

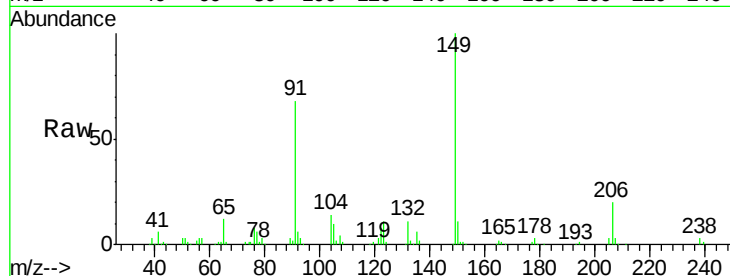
Tgt Ion:149 Resp: 161502

Ion Ratio Lower Upper

149 100

91 68.0 48.6 72.8

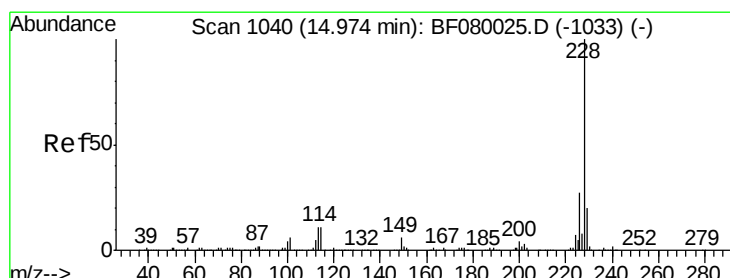
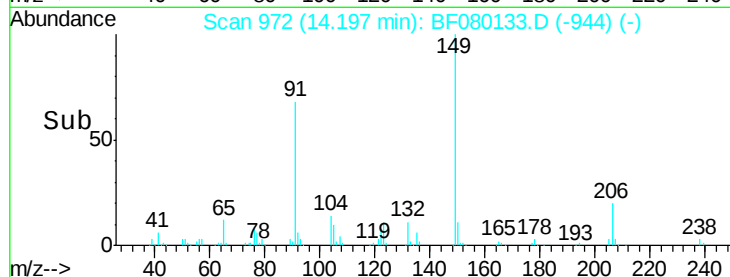
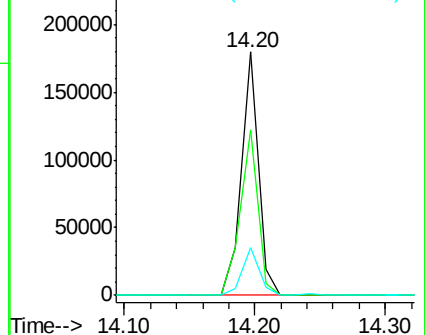
206 19.7 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.42 ng

RT: 14.94 min Scan# 1037

Delta R.T. 0.02 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

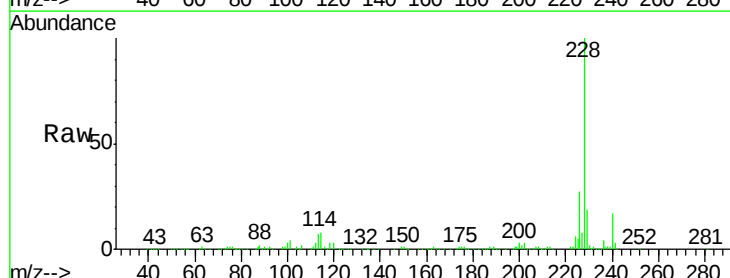
Tgt Ion:228 Resp: 354660

Ion Ratio Lower Upper

228 100

226 27.5 20.0 30.0

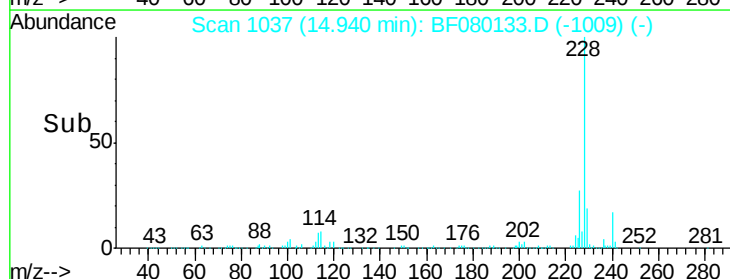
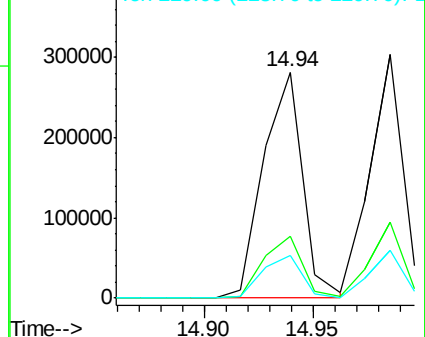
229 19.2 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

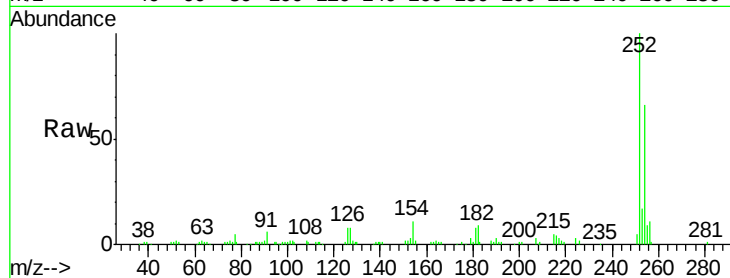




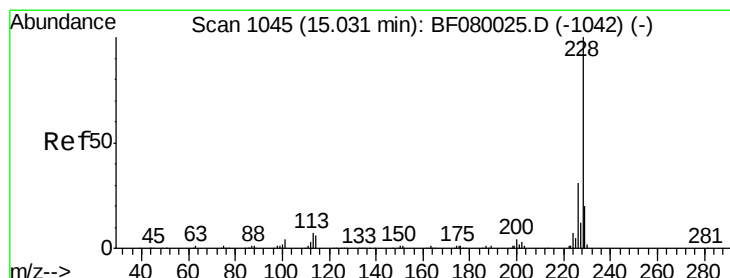
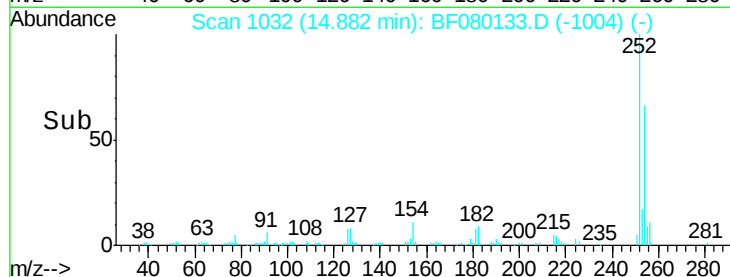
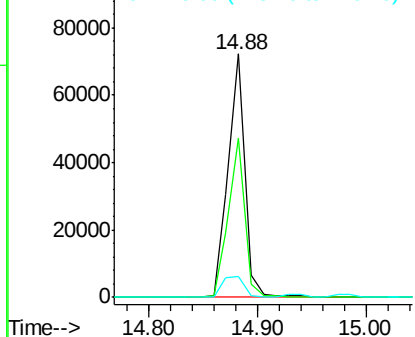
#81  
 3,3'-Dichlorobenzidine  
 Concen: 25.59 ng  
 RT: 14.88 min Scan# 1032  
 Delta R.T. 0.02 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84172BS

Tgt Ion:252 Resp: 77453  
 Ion Ratio Lower Upper  
 252 100  
 254 65.6 51.4 77.2  
 126 8.3 16.4 24.6#

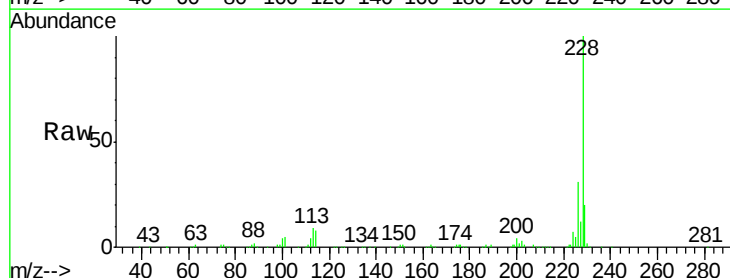


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

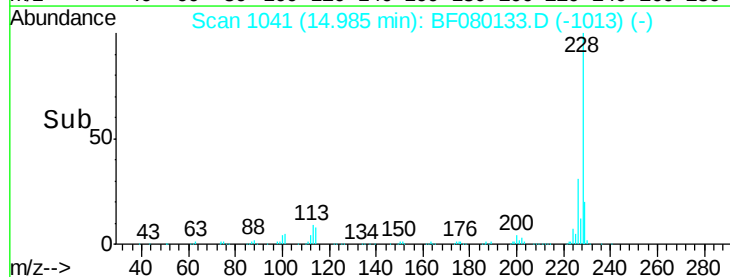
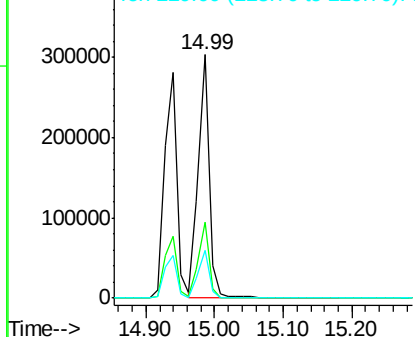


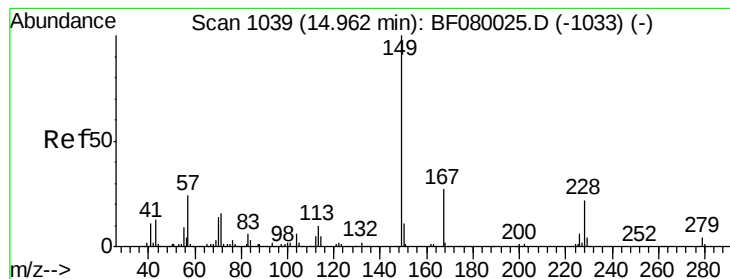
#82  
 Chrysene  
 Concen: 40.61 ng  
 RT: 14.99 min Scan# 1041  
 Delta R.T. 0.02 min  
 Lab File: BF080133.D  
 Acq: 24 Jun 2015 15:43

Tgt Ion:228 Resp: 328621  
 Ion Ratio Lower Upper  
 228 100  
 226 31.1 21.0 31.4  
 229 19.9 15.6 23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.63 ng

RT: 14.92 min Scan# 1035

Delta R.T. 0.02 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

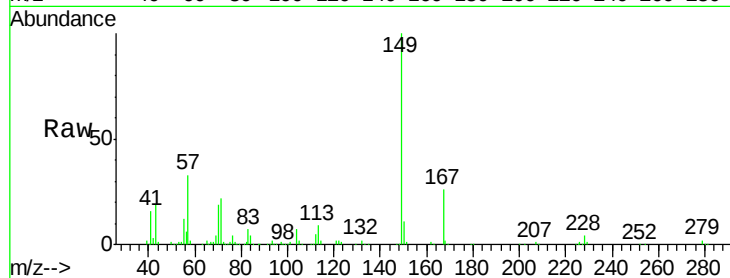
Tgt Ion:149 Resp: 239934

Ion Ratio Lower Upper

149 100

167 25.8 24.2 36.2

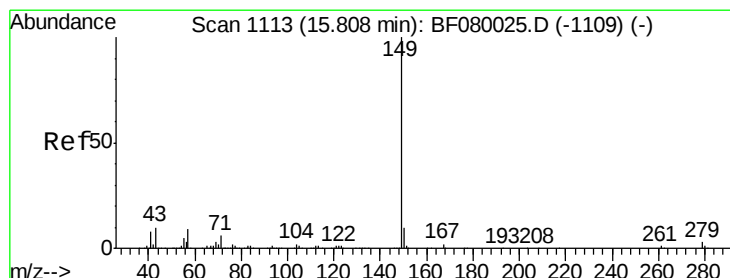
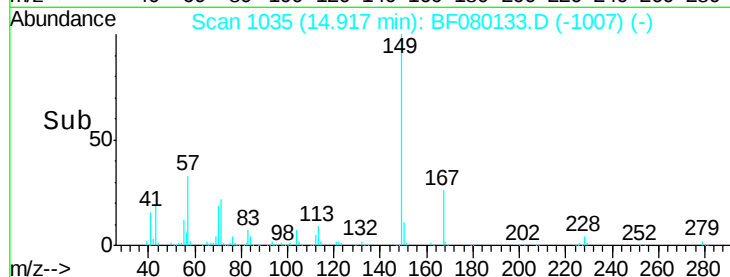
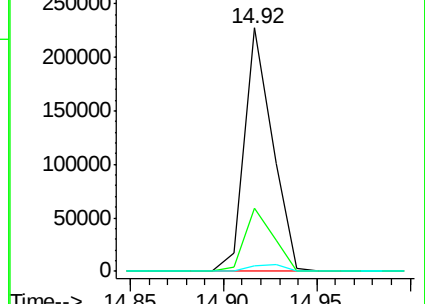
279 2.4 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.37 ng

RT: 15.76 min Scan# 1109

Delta R.T. 0.03 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

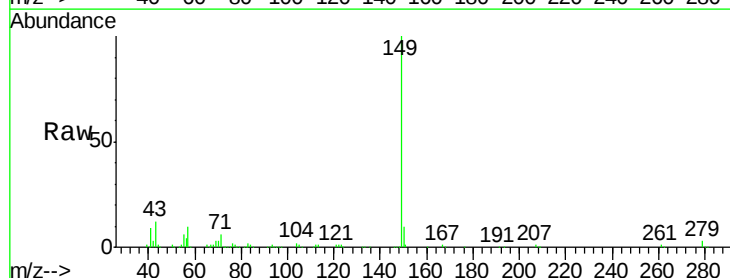
Tgt Ion:149 Resp: 408707

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

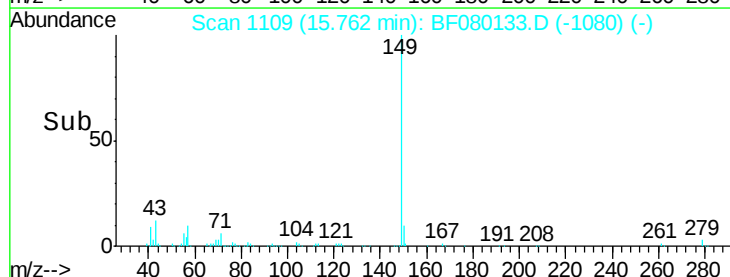
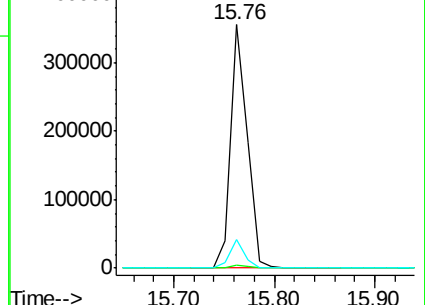
43 10.7 10.2 15.2



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: 34.75 ng

RT: 18.73 min Scan# 1369

Delta R.T. 0.05 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS

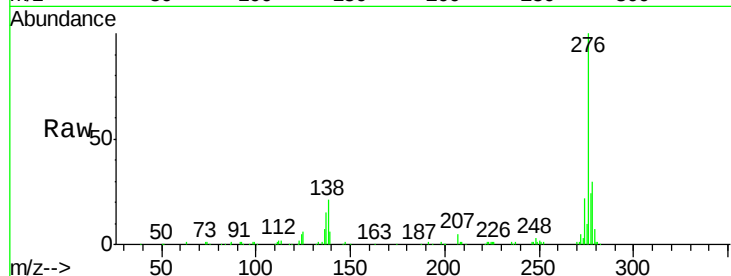
Tgt Ion:276 Resp: 354605

Ion Ratio Lower Upper

276 100

138 25.4 25.7 38.5#

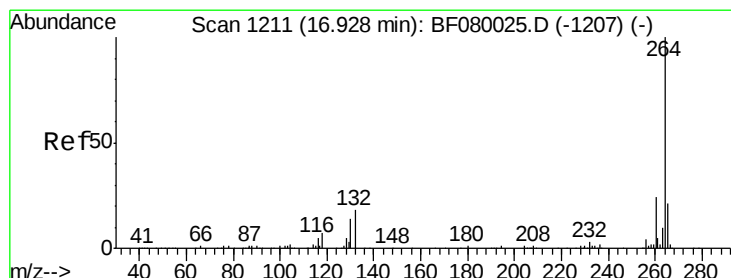
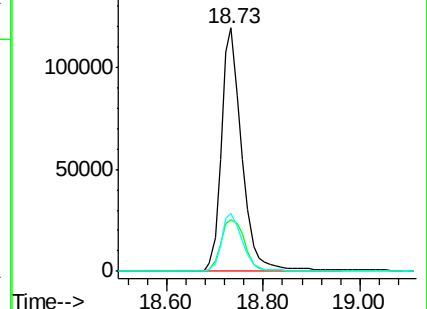
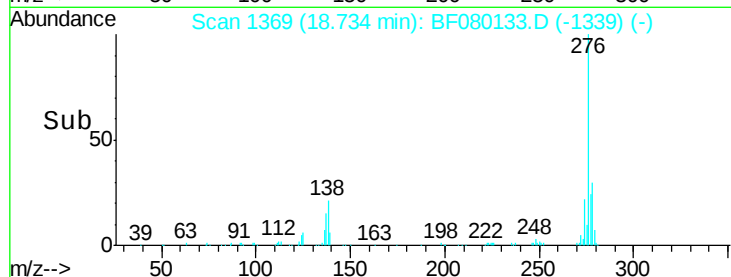
277 24.4 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.88 min Scan# 1207

Delta R.T. 0.05 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

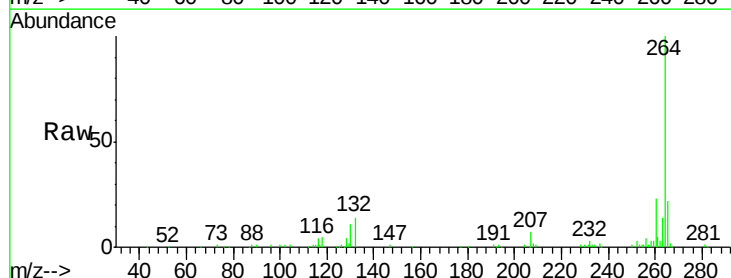
Tgt Ion:264 Resp: 139771

Ion Ratio Lower Upper

264 100

260 23.2 16.7 25.1

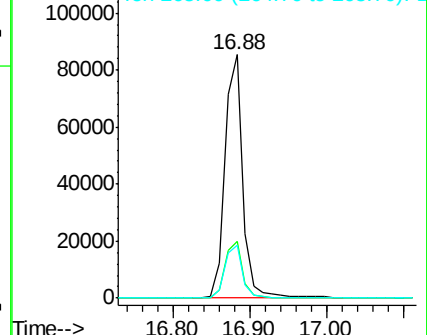
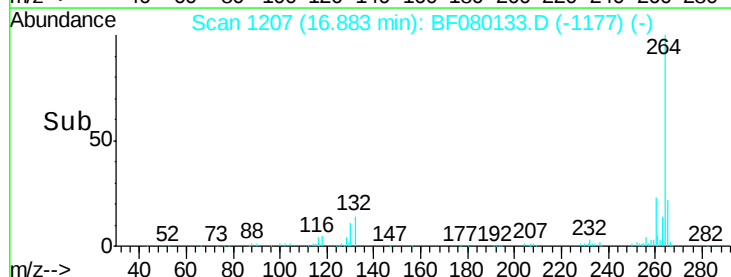
265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

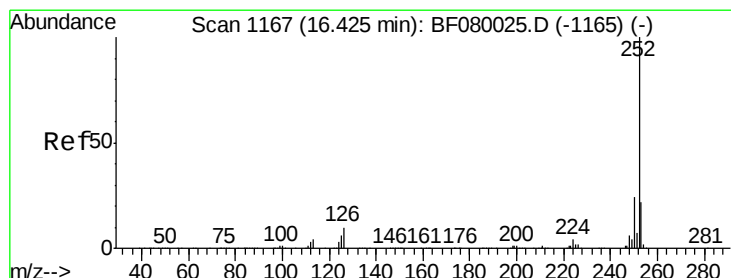
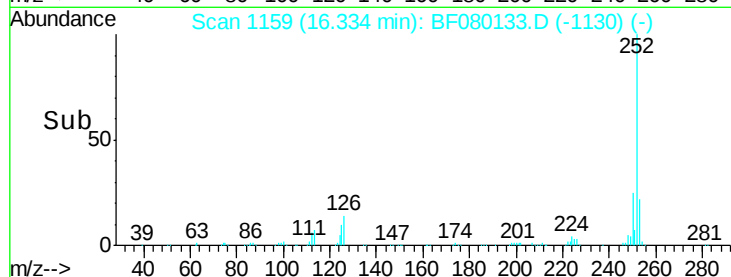
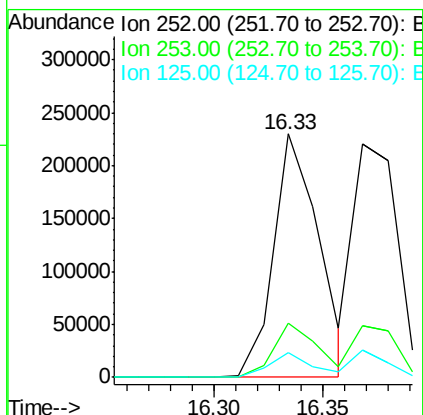
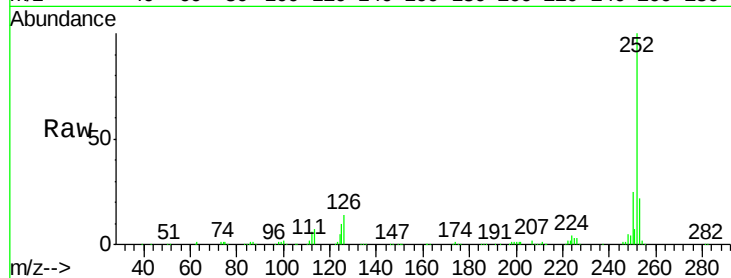




#87  
Benzo(b)fluoranthene  
Concen: 39.68 ng  
RT: 16.33 min Scan# 1159  
Delta R.T. 0.03 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

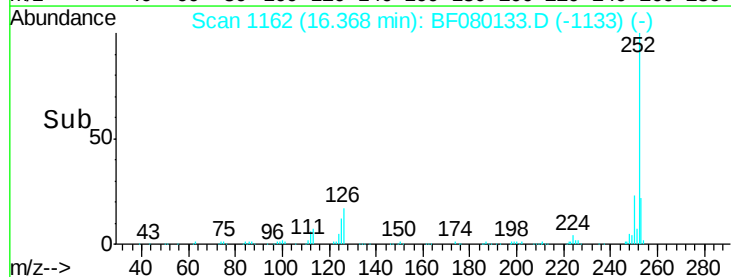
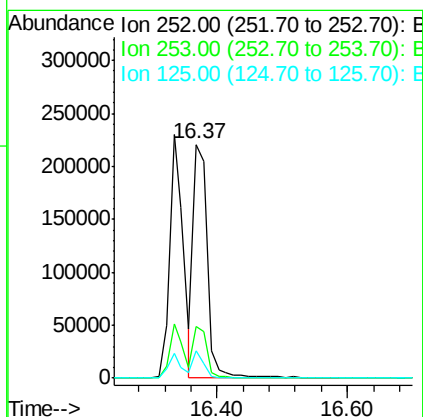
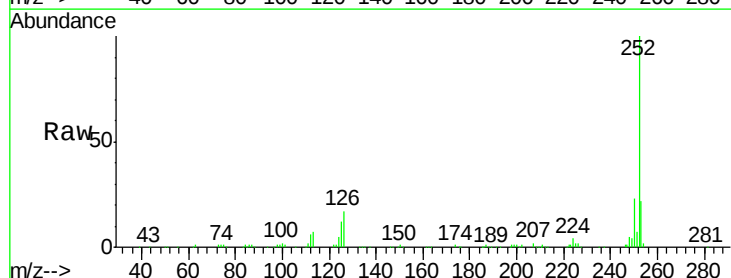
Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

Tgt Ion:252 Resp: 335761  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 10.4 17.1 25.7#



#88  
Benzo(k)fluoranthene  
Concen: 37.95 ng  
RT: 16.37 min Scan# 1162  
Delta R.T. 0.03 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion:252 Resp: 327009  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.0 25.4  
125 11.7 16.0 24.0#

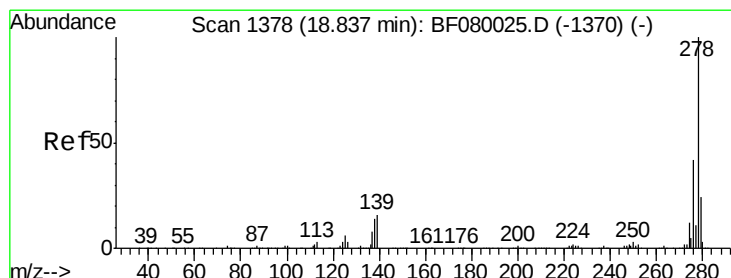
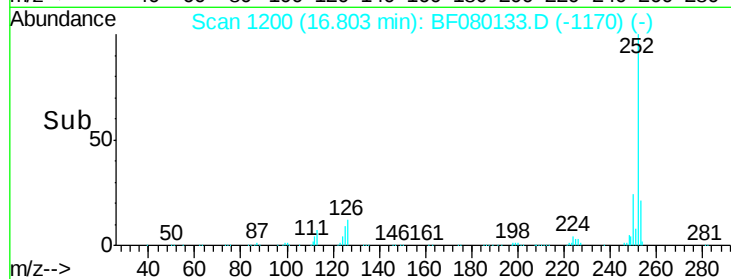
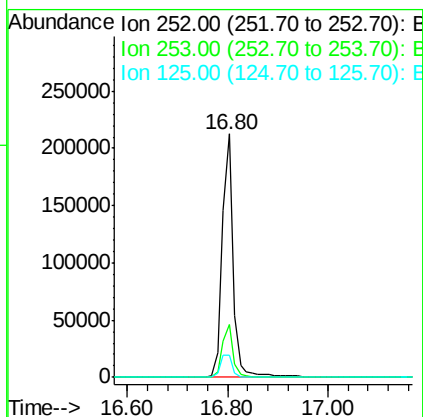
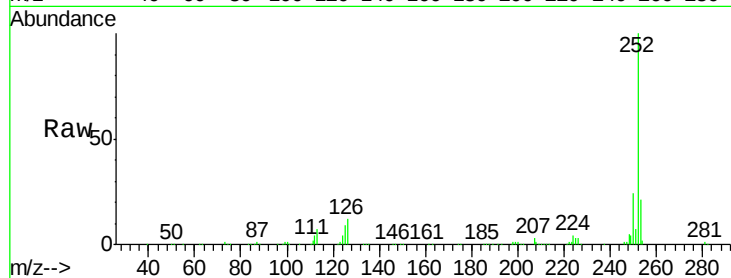




#89  
Benzo(a)pyrene  
Concen: 39.76 ng  
RT: 16.80 min Scan# 1200  
Delta R.T. 0.05 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

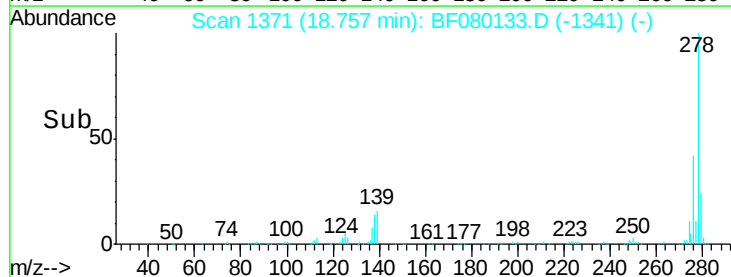
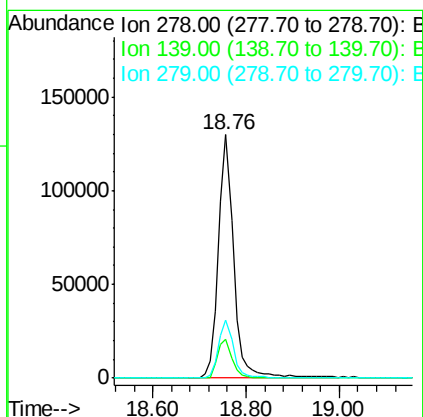
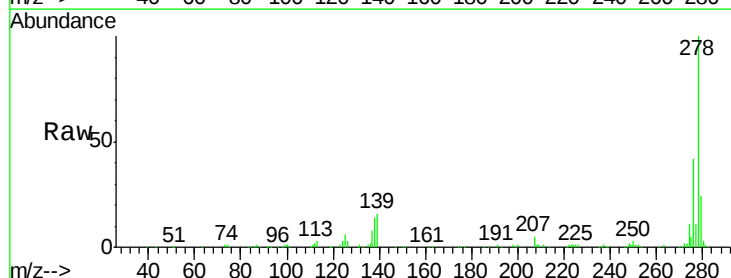
Instrument :  
BNA\_F  
ClientSampleId :  
PB84172BS

Tgt Ion: 252 Resp: 319518  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.2 25.8  
125 9.0 18.0 27.0#



#90  
Dibenzo(a,h)anthracene  
Concen: 35.76 ng  
RT: 18.76 min Scan# 1371  
Delta R.T. 0.05 min  
Lab File: BF080133.D  
Acq: 24 Jun 2015 15:43

Tgt Ion: 278 Resp: 294147  
Ion Ratio Lower Upper  
278 100  
139 15.9 26.3 39.5#  
279 23.9 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 36.19 ng

RT: 19.28 min Scan# 1417

Delta R.T. 0.03 min

Lab File: BF080133.D

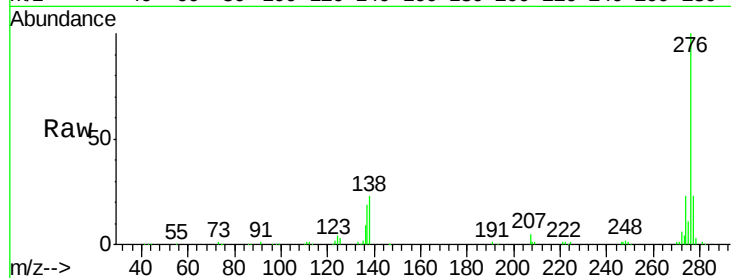
Acq: 24 Jun 2015 15:43

Instrument :

BNA\_F

ClientSampleId :

PB84172BS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 300538 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.4  | 17.8  | 26.6   |
| 138      | 23.2  | 34.6  | 51.8#  |

