

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061715\  
 Data File : BF080041.D  
 Acq On : 18 Jun 2015 00:23  
 Operator : TP/IZ  
 Sample : G2651-09MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-HC-001MSD

Quant Time: Jun 18 01:02:44 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 17 16:41:53 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.34  | 152  | 43532    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.63  | 136  | 167790   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.40 | 164  | 87171    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.91 | 188  | 172051   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.92 | 240  | 193662   | 20.00 | ng    | 0.06     |
| 86) Perylene-d12          | 16.80 | 264  | 192449   | 20.00 | ng    | 0.06     |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.96  | 112 | 308764 | 125.55 | ng | 0.01  |
| 7) Phenol-d6             | 6.94  | 99  | 404764 | 123.69 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.90  | 82  | 247264 | 85.79  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 11.19 | 330 | 112748 | 132.27 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.70  | 172 | 526784 | 86.18  | ng | 0.00  |
| 78) Terphenyl-d14        | 13.61 | 244 | 645655 | 77.86  | ng | 0.02  |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.24 | 88  | 30788  | 26.34 | ng | 86     |
| 3) Pyridine                    | 4.06 | 79  | 81085  | 26.08 | ng | # 85   |
| 4) n-Nitrosodimethylamine      | 3.96 | 42  | 48640  | 32.92 | ng | 98     |
| 6) Aniline                     | 7.00 | 93  | 144579 | 32.11 | ng | 95     |
| 8) 2-Chlorophenol              | 7.12 | 128 | 110850 | 39.00 | ng | 91     |
| 9) Benzaldehyde                | 6.88 | 77  | 75312  | 39.86 | ng | # 74   |
| 10) Phenol                     | 6.95 | 94  | 125322 | 35.09 | ng | # 64   |
| 11) bis(2-Chloroethyl)ether    | 7.05 | 93  | 105726 | 37.31 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.28 | 146 | 123449 | 36.16 | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 7.36 | 146 | 115553 | 35.58 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.36 | 146 | 115553 | 36.57 | ng | 98     |
| 15) Benzyl Alcohol             | 7.46 | 79  | 102116 | 38.16 | ng | # 80   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.60 | 45  | 157873 | 37.54 | ng | 89     |
| 17) 2-Methylphenol             | 7.57 | 107 | 89828  | 37.00 | ng | # 85   |
| 18) Hexachloroethane           | 7.86 | 117 | 37510  | 34.69 | ng | # 73   |
| 19) n-Nitroso-di-n-propylamine | 7.73 | 70  | 79632  | 35.05 | ng | # 81   |
| 20) 3+4-Methylphenols          | 7.72 | 107 | 118378 | 37.78 | ng | 87     |
| 22) Acetophenone               | 7.74 | 105 | 157851 | 40.37 | ng | # 83   |
| 24) Nitrobenzene               | 7.91 | 77  | 113617 | 38.19 | ng | # 62   |
| 25) Isophorone                 | 8.15 | 82  | 227935 | 39.30 | ng | # 88   |
| 26) 2-Nitrophenol              | 8.23 | 139 | 49320  | 39.61 | ng | # 40   |
| 27) 2,4-Dimethylphenol         | 8.25 | 122 | 98138  | 37.80 | ng | # 79   |
| 28) bis(2-Chloroethoxy)methane | 8.36 | 93  | 136655 | 40.10 | ng | # 94   |
| 29) 2,4-Dichlorophenol         | 8.47 | 162 | 90369  | 40.64 | ng | 89     |
| 30) 1,2,4-Trichlorobenzene     | 8.57 | 180 | 93365  | 36.97 | ng | 96     |
| 31) Naphthalene                | 8.65 | 128 | 343285 | 39.13 | ng | 98     |
| 32) Benzoic acid               | 8.31 | 122 | 38723  | 24.67 | ng | # 63   |
| 33) 4-Chloroaniline            | 8.69 | 127 | 164180 | 43.73 | ng | # 90   |
| 34) Hexachlorobutadiene        | 8.77 | 225 | 58379  | 37.54 | ng | 96     |
| 35) Caprolactam                | 9.02 | 113 | 27075  | 37.51 | ng | # 76   |
| 36) 4-Chloro-3-methylphenol    | 9.16 | 107 | 103807 | 41.39 | ng | # 80   |
| 37) 2-Methylnaphthalene        | 9.35 | 142 | 223767 | 39.43 | ng | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.51 | 216 | 97554  | 38.46 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 9.51 | 237 | 36358  | 31.93 | ng | 96     |

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 ALS Vial : 19 Sample Multiplier: 1

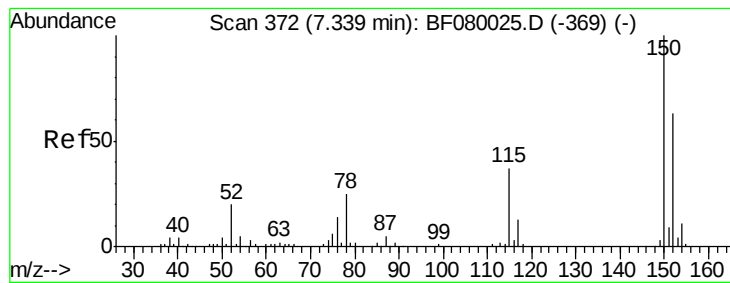
Instrument :  
 BNA\_F  
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Quant Time: Jun 18 01:02:44 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.62  | 196  | 65406    | 37.89 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.66  | 196  | 79266    | 39.86 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.81  | 154  | 271817   | 38.33 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 9.84  | 162  | 223424   | 38.83 | ng    | 96       |
| 47) 2-Nitroaniline             | 9.92  | 65   | 63893    | 40.45 | ng    | # 73     |
| 48) Acenaphthylene             | 10.26 | 152  | 345344   | 35.95 | ng    | 97       |
| 49) Dimethylphthalate          | 10.09 | 163  | 302418   | 46.15 | ng    | # 97     |
| 50) 2,6-Dinitrotoluene         | 10.16 | 165  | 55260    | 42.06 | ng    | # 84     |
| 51) Acenaphthene               | 10.44 | 154  | 224202   | 38.16 | ng    | 96       |
| 52) 3-Nitroaniline             | 10.33 | 138  | 59430    | 39.20 | ng    | # 73     |
| 53) 2,4-Dinitrophenol          | 10.44 | 184  | 30879    | 59.37 | ng    | # 1      |
| 54) Dibenzofuran               | 10.61 | 168  | 330508   | 39.64 | ng    | 92       |
| 55) 4-Nitrophenol              | 10.48 | 139  | 92603    | 76.43 | ng    | # 85     |
| 56) 2,4-Dinitrotoluene         | 10.57 | 165  | 66203    | 39.71 | ng    | # 85     |
| 57) Fluorene                   | 10.95 | 166  | 251184   | 37.97 | ng    | 91       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.72 | 232  | 68624    | 40.88 | ng    | 94       |
| 59) Diethylphthalate           | 10.80 | 149  | 267112   | 40.48 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.94 | 204  | 120170   | 37.80 | ng    | 97       |
| 61) 4-Nitroaniline             | 10.95 | 138  | 56038    | 35.79 | ng    | # 73     |
| 62) Azobenzene                 | 11.10 | 77   | 260162   | 38.73 | ng    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 10.98 | 198  | 26187    | 34.18 | ng    | # 68     |
| 65) n-Nitrosodiphenylamine     | 11.05 | 169  | 217986   | 38.91 | ng    | 92       |
| 66) 4-Bromophenyl-phenylether  | 11.43 | 248  | 71918    | 39.31 | ng    | # 88     |
| 67) Hexachlorobenzene          | 11.51 | 284  | 75309    | 37.04 | ng    | # 75     |
| 68) Atrazine                   | 11.57 | 200  | 68588    | 38.75 | ng    | 83       |
| 69) Pentachlorophenol          | 11.70 | 266  | 93944    | 81.54 | ng    | 99       |
| 70) Phenanthrene               | 11.93 | 178  | 385563   | 37.02 | ng    | 97       |
| 71) Anthracene                 | 11.99 | 178  | 399236   | 39.81 | ng    | 98       |
| 72) Carbazole                  | 12.14 | 167  | 361730   | 37.78 | ng    | 96       |
| 73) Di-n-butylphthalate        | 12.47 | 149  | 450426   | 40.71 | ng    | # 99     |
| 74) Fluoranthene               | 13.21 | 202  | 426692   | 38.46 | ng    | 87       |
| 76) Benzidine                  | 13.33 | 184  | 176940   | 32.69 | ng    | 97       |
| 77) Pyrene                     | 13.47 | 202  | 436234   | 36.59 | ng    | 96       |
| 79) Butylbenzylphthalate       | 14.17 | 149  | 199202   | 41.60 | ng    | 89       |
| 80) Benzo(a)anthracene         | 14.91 | 228  | 446738   | 37.87 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.85 | 252  | 166489   | 40.92 | ng    | # 93     |
| 82) Chrysene                   | 14.95 | 228  | 415944   | 38.23 | ng    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 14.88 | 149  | 304826   | 40.28 | ng    | 95       |
| 84) Di-n-octyl phthalate       | 15.69 | 149  | 521564   | 40.22 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.68 | 276  | 501522   | 36.56 | ng    | # 89     |
| 87) Benzo(b)fluoranthene       | 16.27 | 252  | 425373   | 36.51 | ng    | # 86     |
| 88) Benzo(k)fluoranthene       | 16.30 | 252  | 456435   | 38.47 | ng    | # 88     |
| 89) Benzo(a)pyrene             | 16.72 | 252  | 434825   | 39.29 | ng    | # 88     |
| 90) Dibenzo(a,h)anthracene     | 18.70 | 278  | 423806   | 37.42 | ng    | # 80     |
| 91) Benzo(g,h,i)perylene       | 19.24 | 276  | 424142   | 37.09 | ng    | # 77     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.34 min Scan# 372

Delta R.T. 0.00 min

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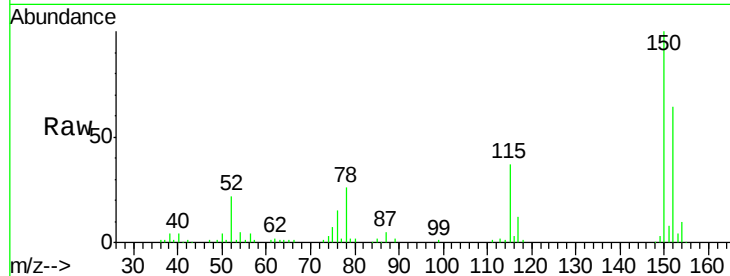
Tgt Ion:152 Resp: 43532

Ion Ratio Lower Upper

152 100

150 155.1 124.7 187.1

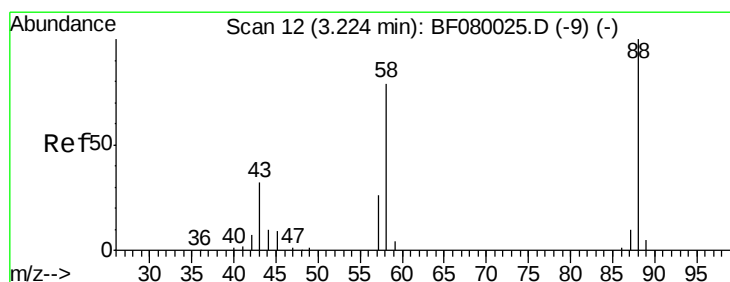
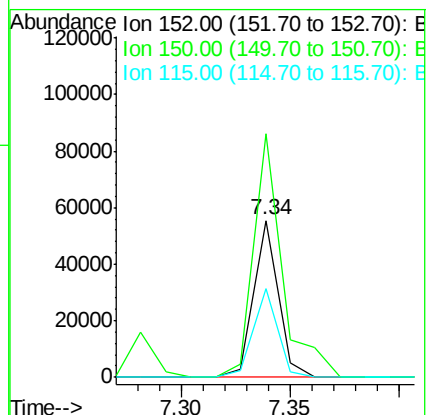
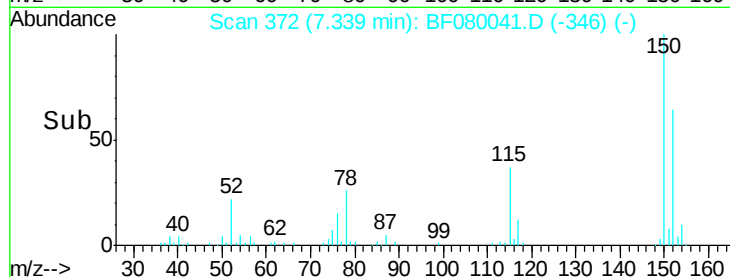
115 56.9 39.0 58.4



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: 26.34 ng

RT: 3.24 min Scan# 13

Delta R.T. 0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

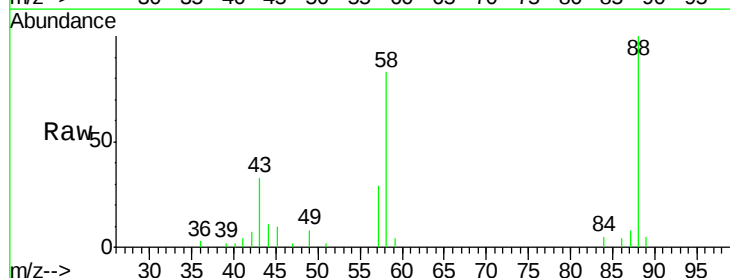
Tgt Ion: 88 Resp: 30788

Ion Ratio Lower Upper

88 100

58 78.8 77.7 116.5

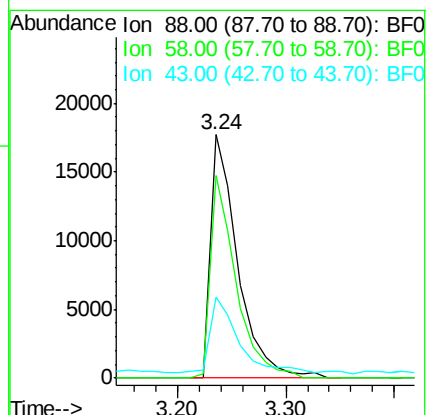
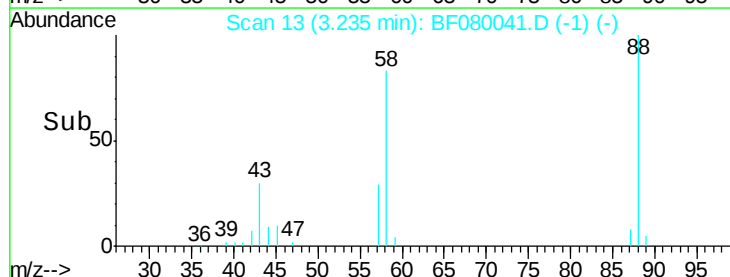
43 33.3 26.6 40.0

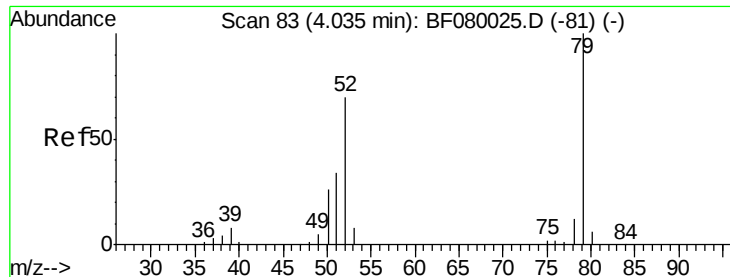


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.08 ng

RT: 4.06 min Scan# 85

Delta R.T. 0.03 min

Lab File: BF080041.D

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ClientSampleId :

NC-HC-001MSD

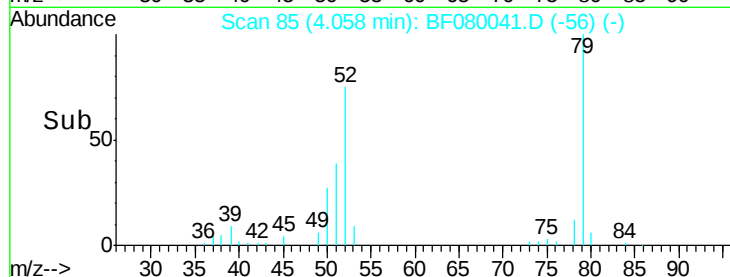
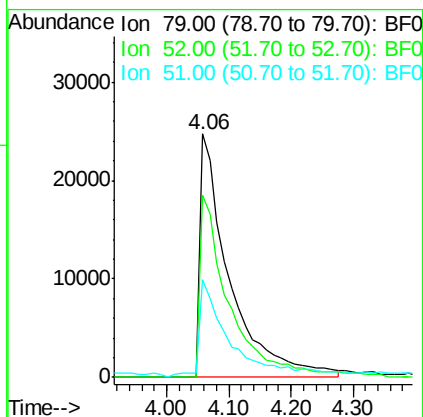
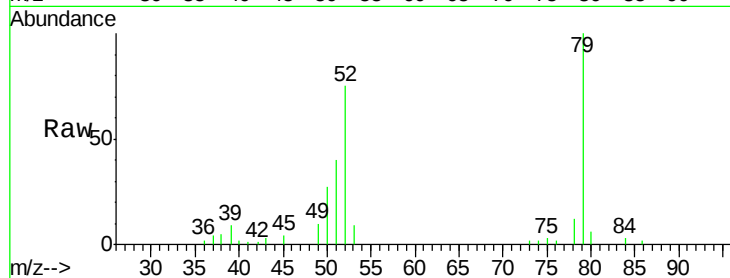
Tgt Ion: 79 Resp: 81085

Ion Ratio Lower Upper

79 100

52 74.6 76.8 115.2#

51 40.4 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 32.92 ng

RT: 3.96 min Scan# 76

Delta R.T. 0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

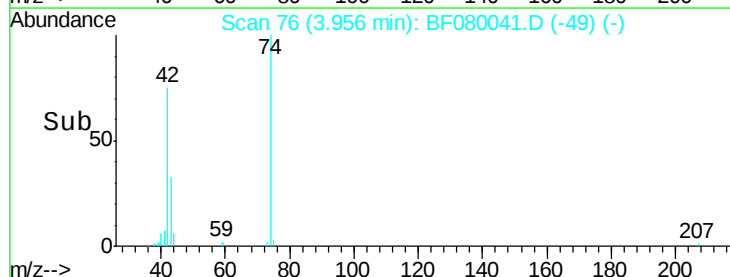
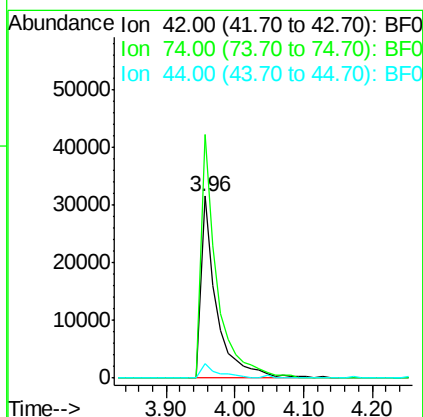
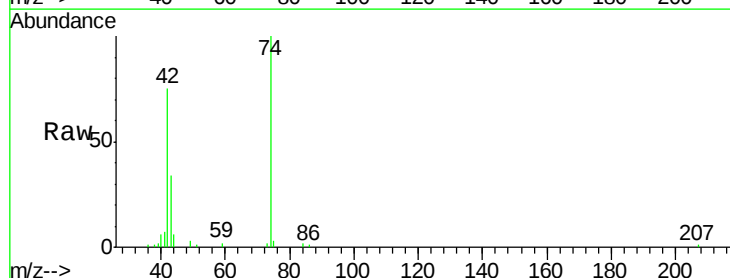
Tgt Ion: 42 Resp: 48640

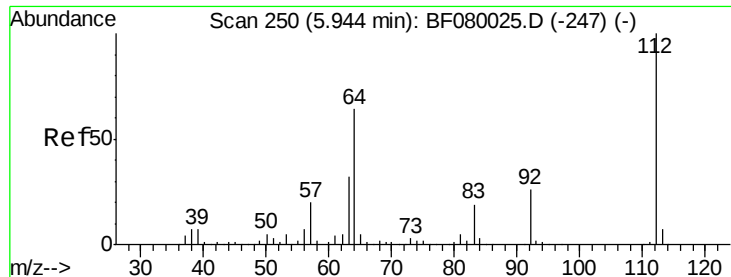
Ion Ratio Lower Upper

42 100

74 133.7 105.0 157.6

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 125.55 ng

RT: 5.96 min Scan# 251

Delta R.T. 0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA\_F

ClientSampleId :

NC-HC-001MSD

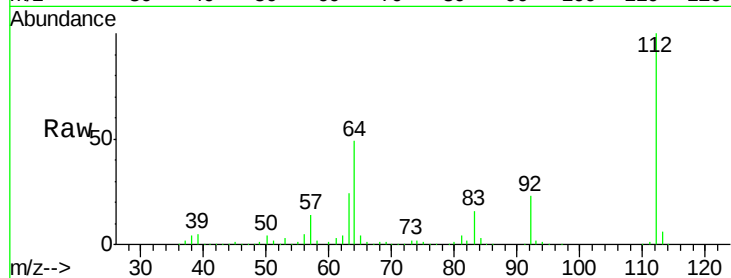
Tgt Ion: 112 Resp: 308764

Ion Ratio Lower Upper

112 100

64 49.4 39.7 59.5

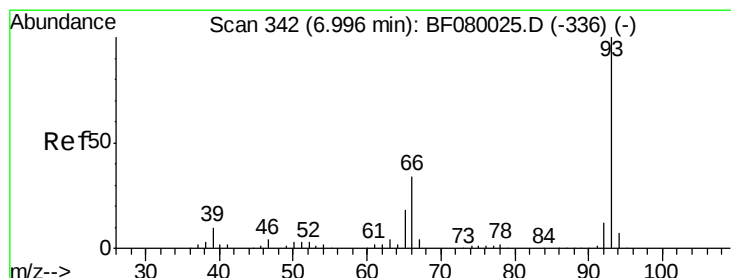
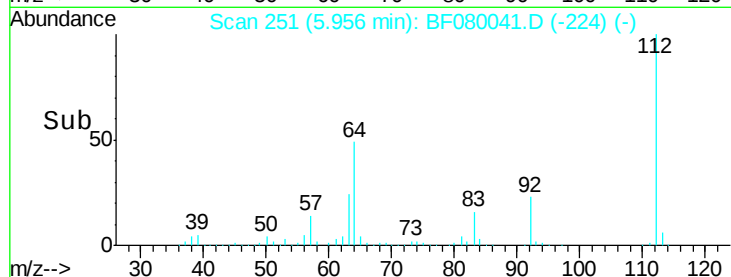
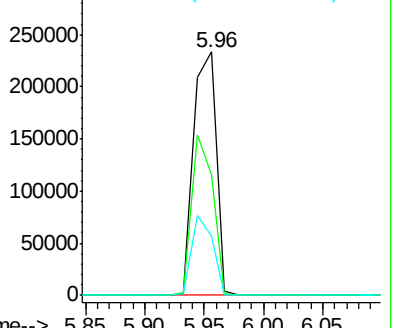
63 24.4 17.4 26.0



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: 32.11 ng

RT: 7.00 min Scan# 342

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

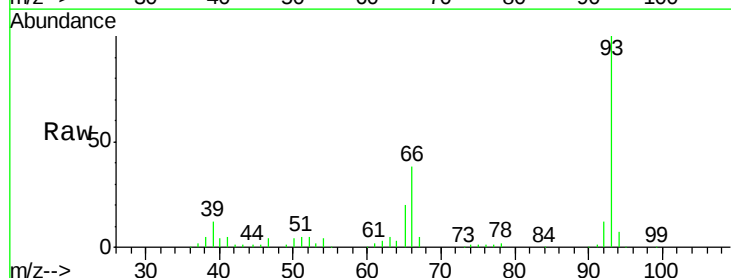
Tgt Ion: 93 Resp: 144579

Ion Ratio Lower Upper

93 100

66 37.8 27.2 40.8

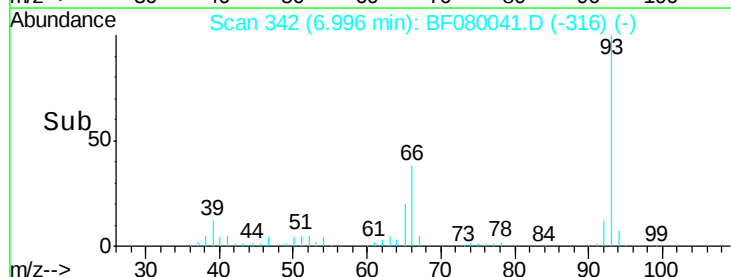
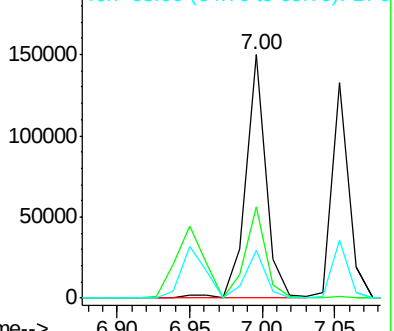
65 19.5 14.7 22.1



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: 123.69 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

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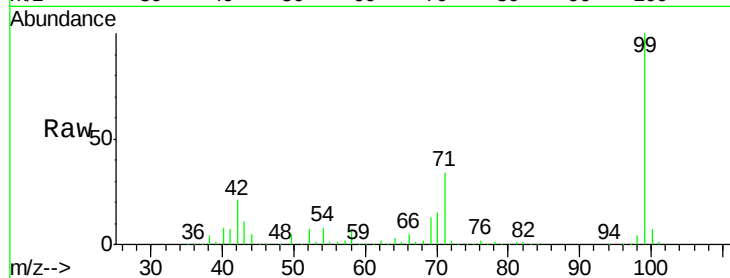
Tgt Ion: 99 Resp: 404764

Ion Ratio Lower Upper

99 100

42 20.8 13.7 20.5#

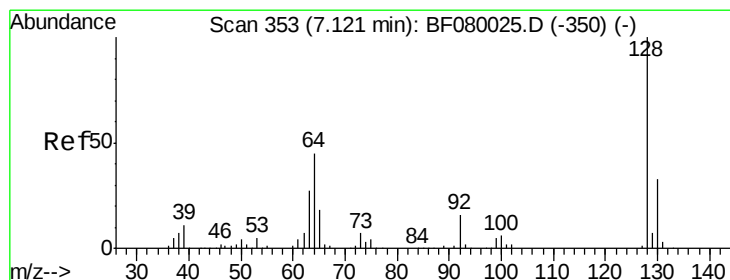
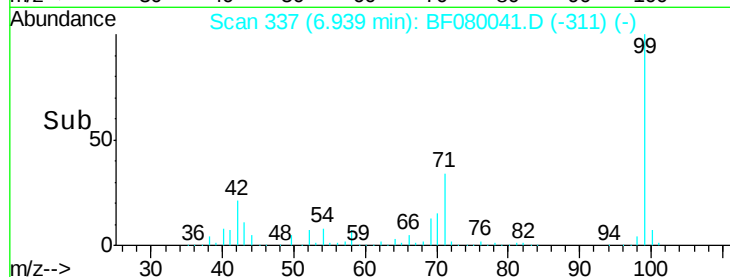
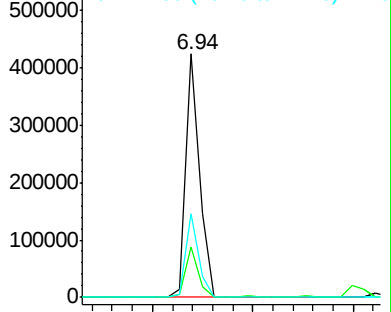
71 34.4 14.2 21.2#



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: 39.00 ng

RT: 7.12 min Scan# 353

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

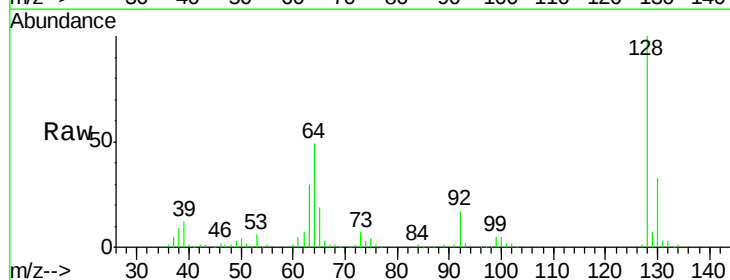
Tgt Ion: 128 Resp: 110850

Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

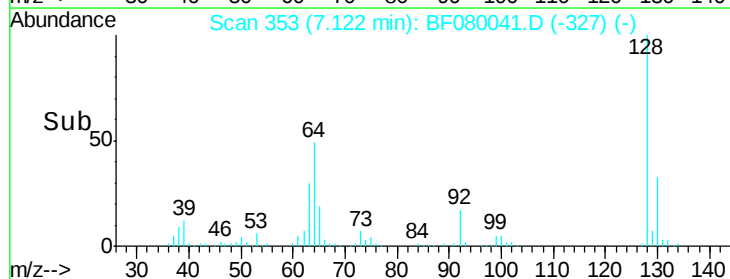
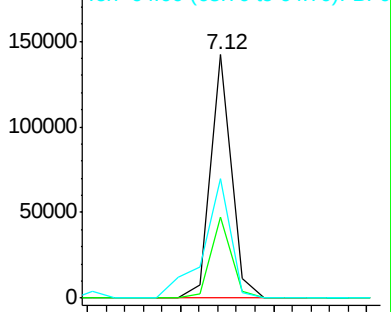
64 49.3 20.5 60.5

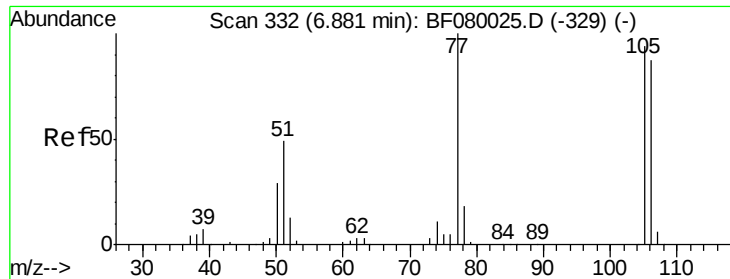


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.86 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

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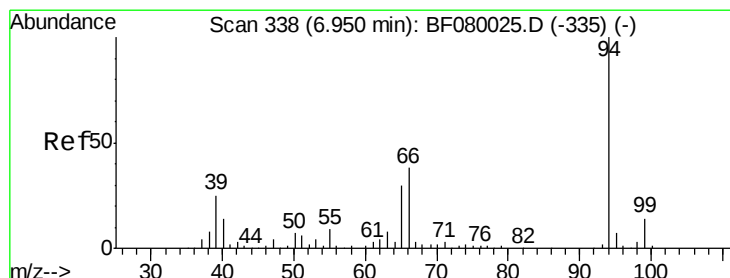
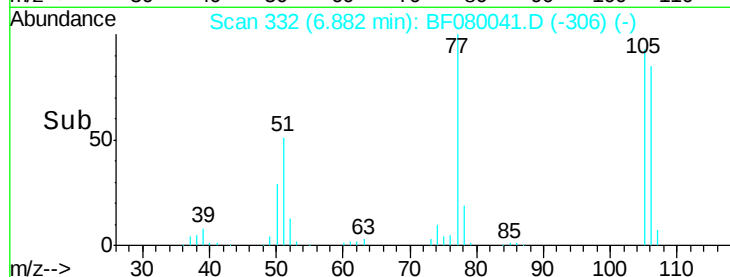
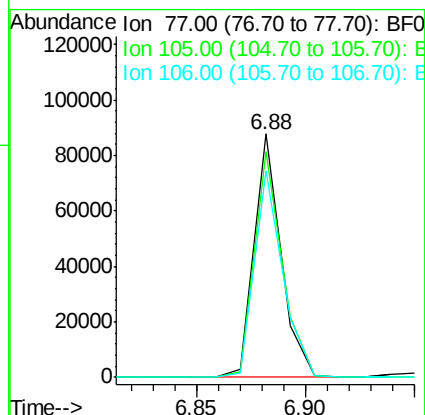
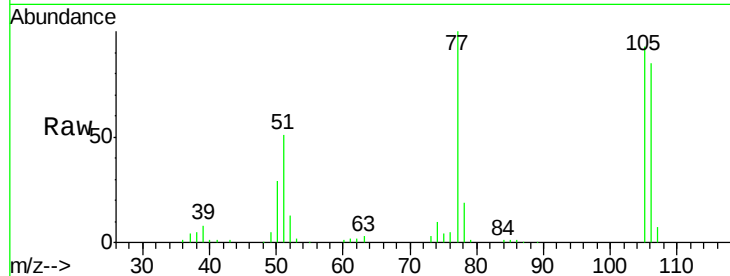
Tgt Ion: 77 Resp: 75312

Ion Ratio Lower Upper

77 100

105 93.0 91.6 131.6

106 84.9 102.6 142.6#



#10

Phenol

Concen: 35.09 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

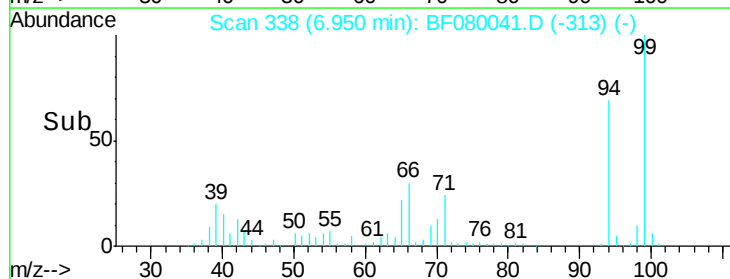
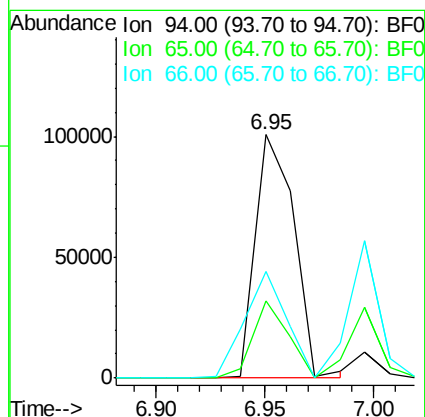
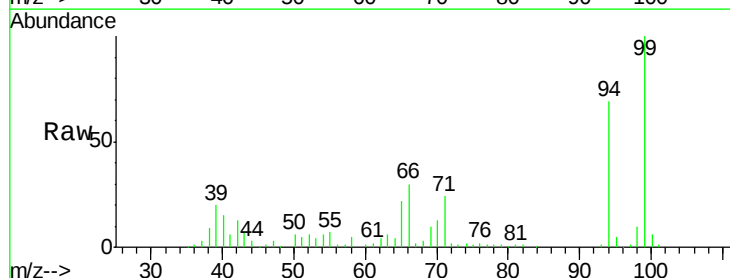
Tgt Ion: 94 Resp: 125322

Ion Ratio Lower Upper

94 100

65 31.5 0.7 40.7

66 44.0 0.8 40.8#

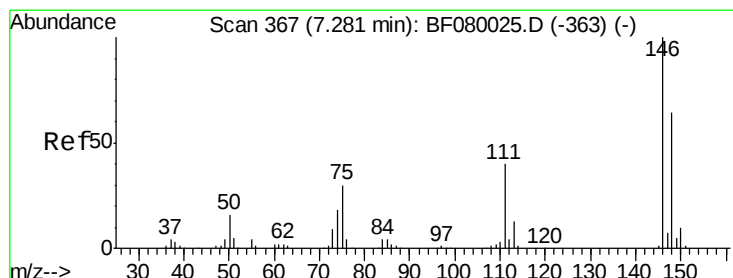
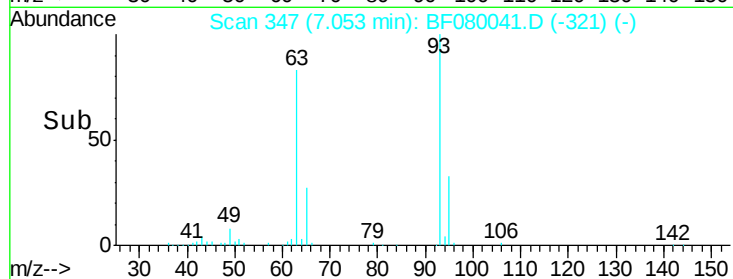
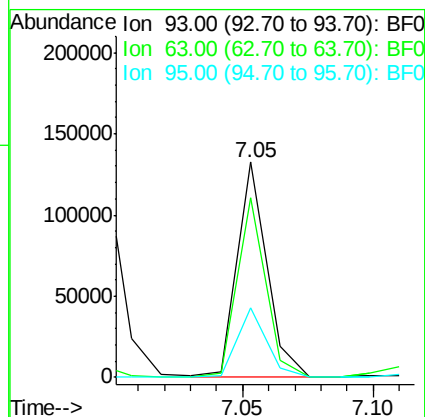
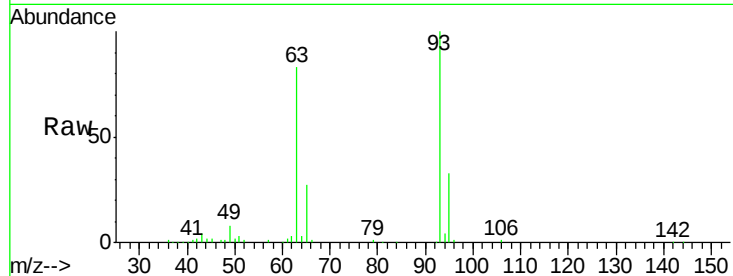




#11  
bis(2-Chloroethyl)ether  
Concen: 37.31 ng  
RT: 7.05 min Scan# 347  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

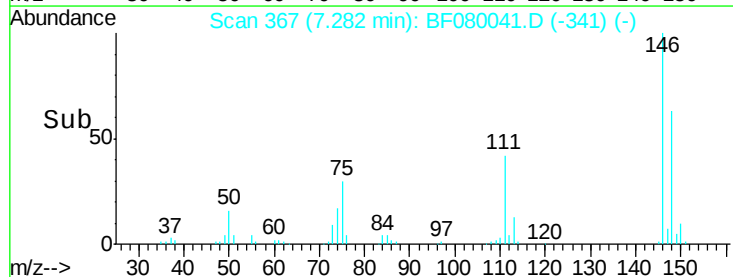
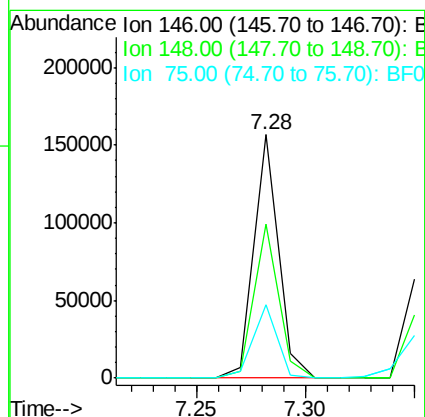
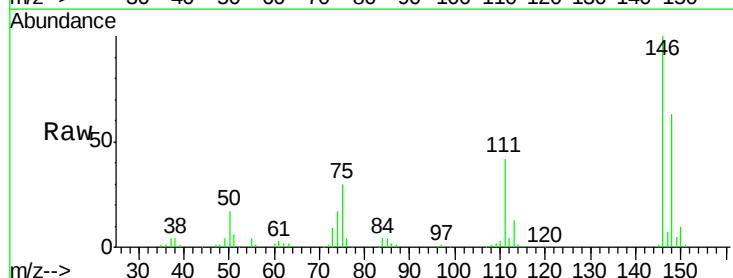
Instrument :  
BNA\_F  
ClientSampleId :  
NC-HC-001MSD

Tgt Ion: 93 Resp: 105726  
Ion Ratio Lower Upper  
93 100  
63 83.3 65.6 105.6  
95 32.7 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 36.16 ng  
RT: 7.28 min Scan# 367  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

Tgt Ion: 146 Resp: 123449  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.0 76.4  
75 30.2 15.0 22.6#

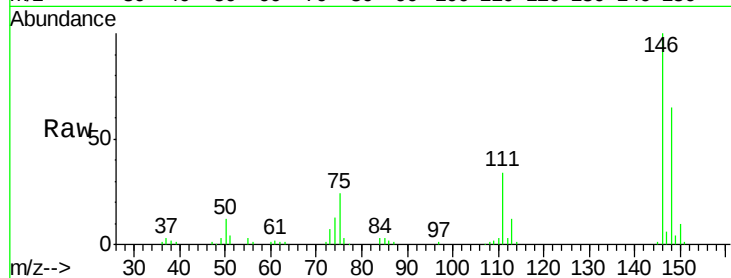




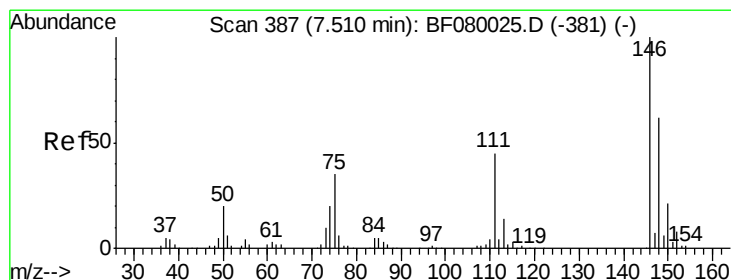
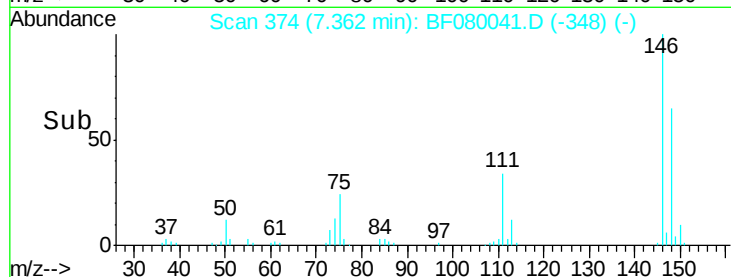
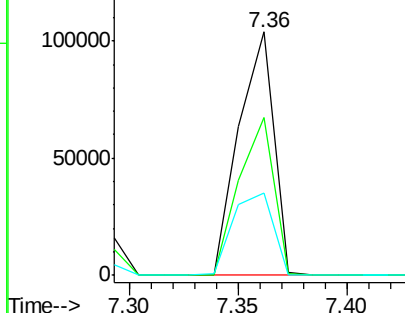
#13  
 1,4-Dichlorobenzene  
 Concen: 35.58 ng  
 RT: 7.36 min Scan# 374  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-HC-001MSD

Tgt Ion:146 Resp: 115553  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.8 77.6  
 111 34.0 24.9 37.3

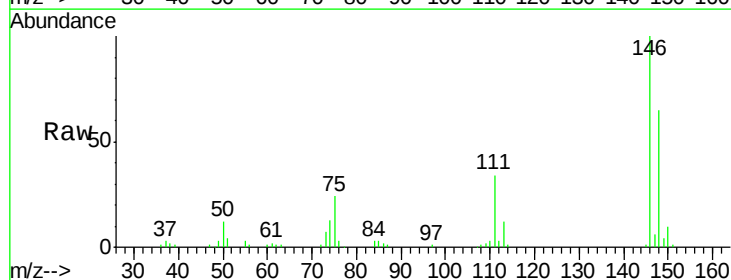


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

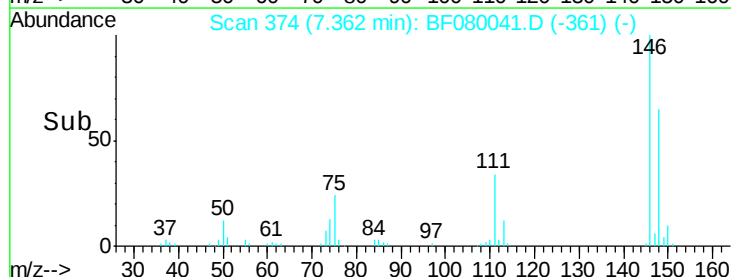
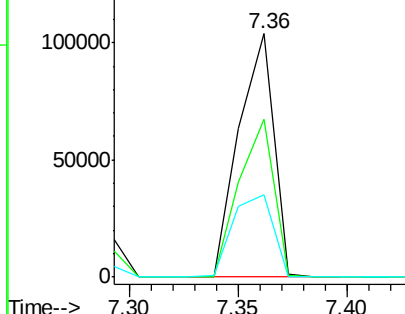


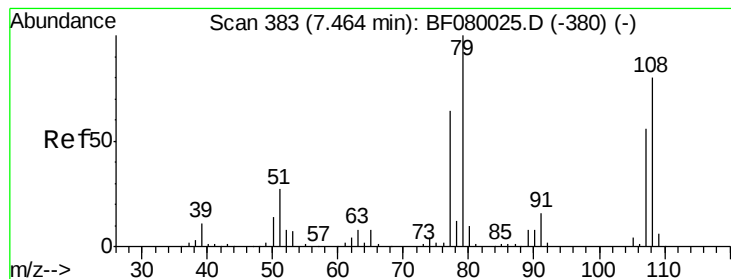
#14  
 1,2-Dichlorobenzene  
 Concen: 36.57 ng  
 RT: 7.36 min Scan# 374  
 Delta R.T. -0.15 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Tgt Ion:146 Resp: 115553  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 52.7 79.1  
 111 34.0 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.16 ng

RT: 7.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA\_F

ClientSampleId :

NC-HC-001MSD

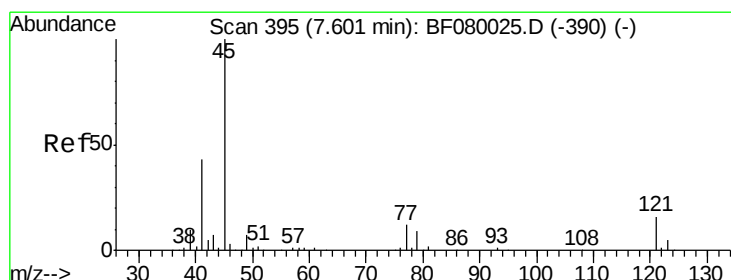
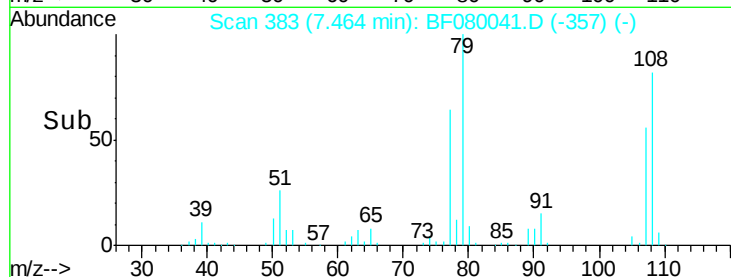
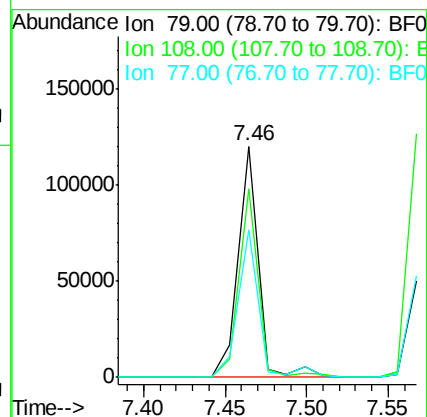
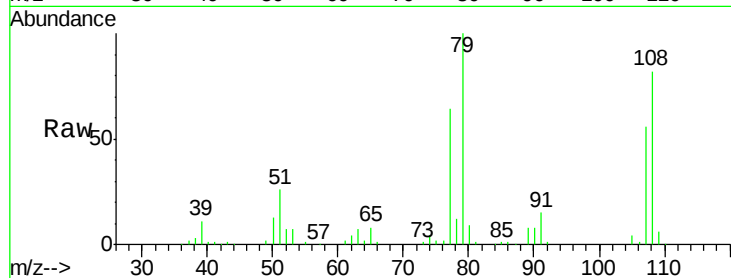
Tgt Ion: 79 Resp: 102116

Ion Ratio Lower Upper

79 100

108 81.6 88.6 132.8#

77 63.7 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.54 ng

RT: 7.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

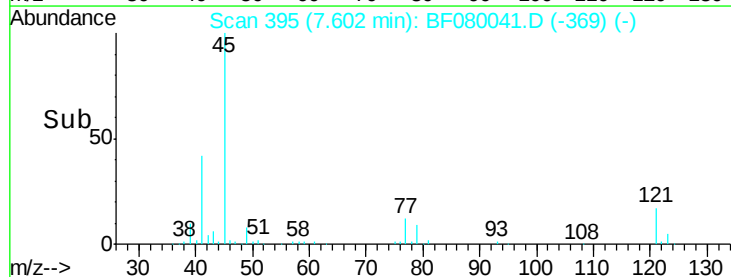
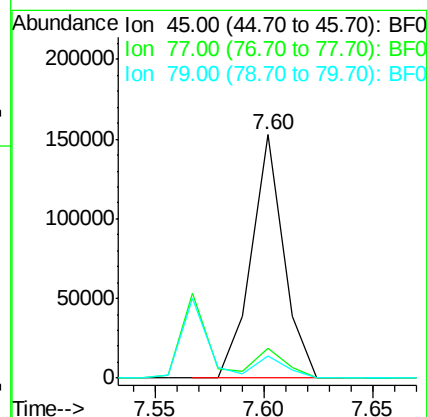
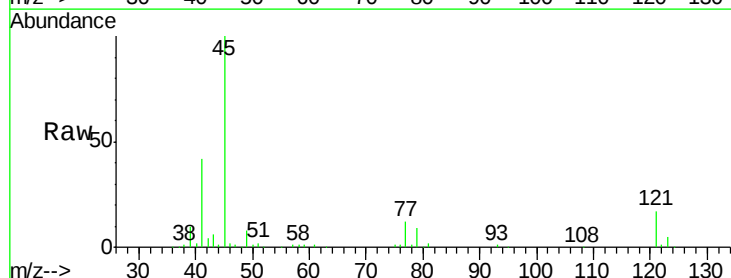
Tgt Ion: 45 Resp: 157873

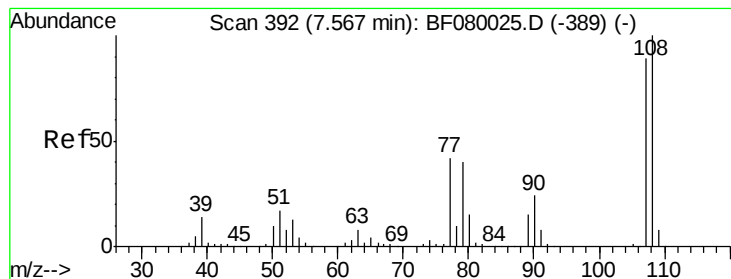
Ion Ratio Lower Upper

45 100

77 12.4 0.0 28.1

79 9.0 0.0 26.0

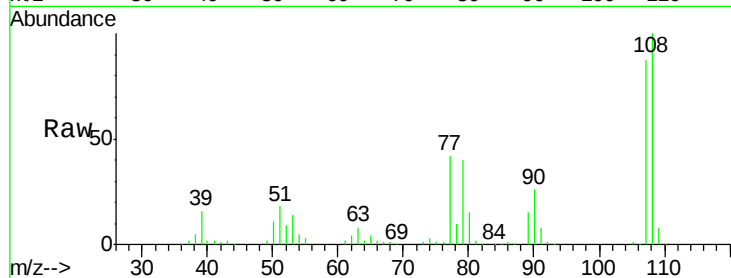




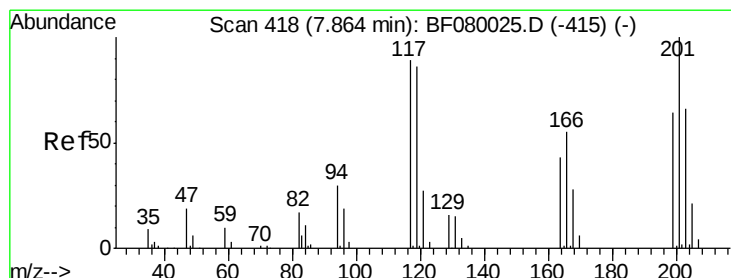
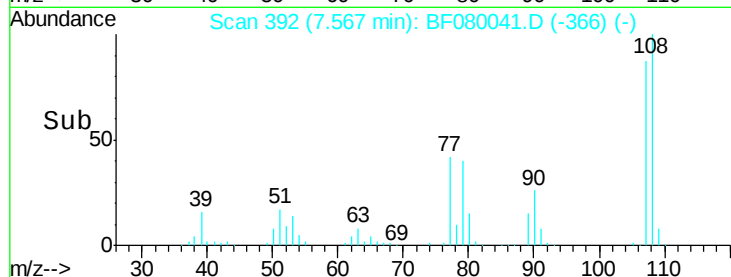
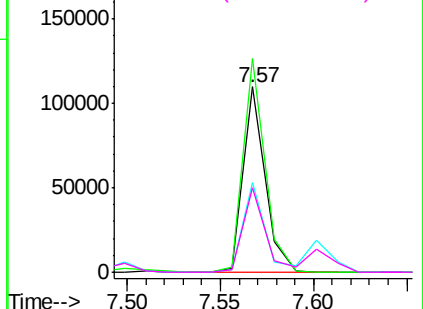
#17  
2-Methylphenol  
Concen: 37.00 ng  
RT: 7.57 min Scan# 392  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
NC-HC-001MSD

Tgt Ion:107 Resp: 89828  
Ion Ratio Lower Upper  
107 100  
108 115.2 96.6 145.0  
77 48.3 23.3 34.9#  
79 45.9 22.0 33.0#

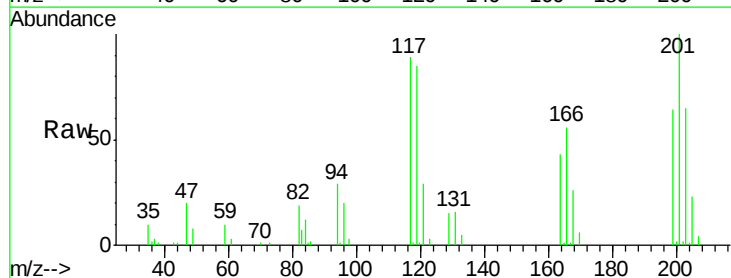


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

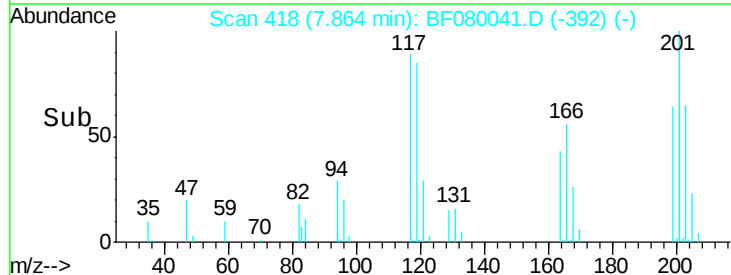
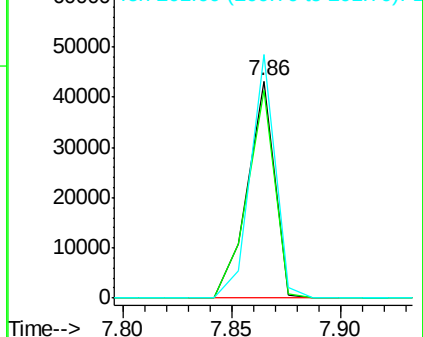


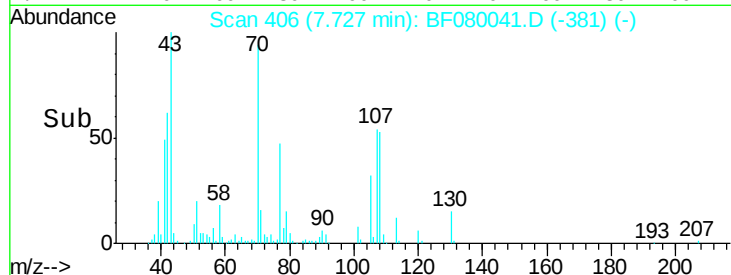
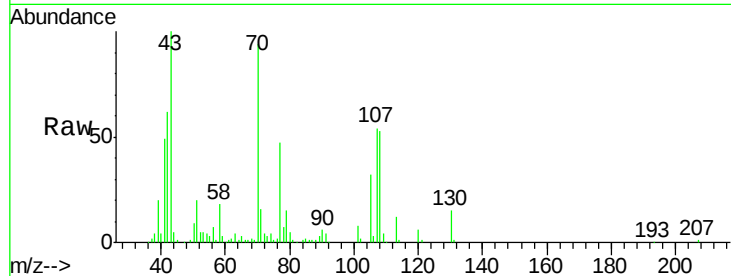
#18  
Hexachloroethane  
Concen: 34.69 ng  
RT: 7.86 min Scan# 418  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

Tgt Ion:117 Resp: 37510  
Ion Ratio Lower Upper  
117 100  
119 95.5 83.8 125.6  
201 112.1 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

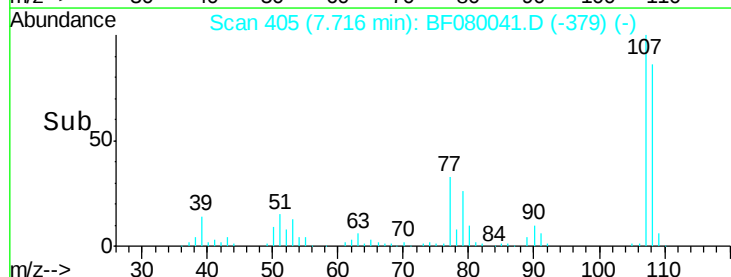
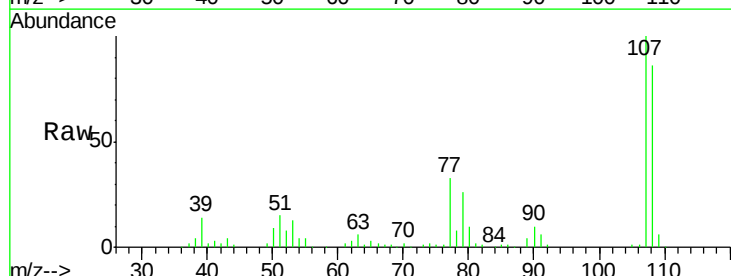
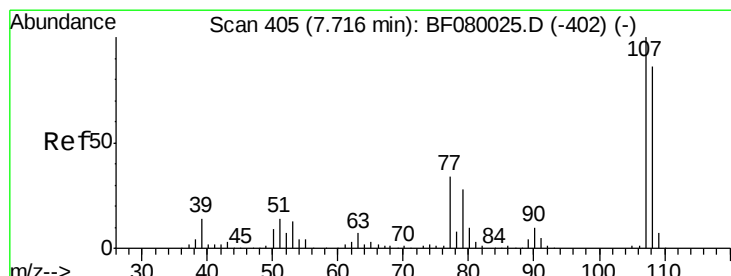
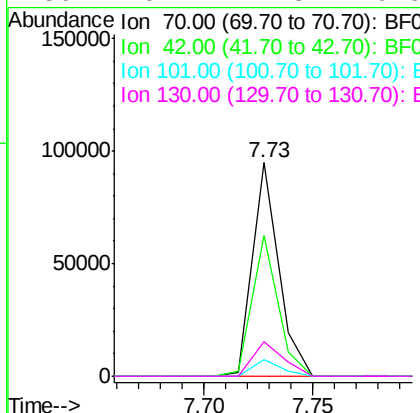




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.05 ng  
RT: 7.73 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

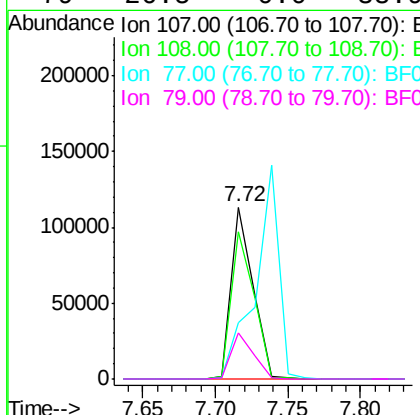
Instrument :  
BNA\_F  
ClientSampleId :  
NC-HC-001MSD

Tgt Ion: 70 Resp: 79632  
Ion Ratio Lower Upper  
70 100  
42 65.8 63.8 95.6  
101 8.0 9.2 13.8#  
130 16.1 27.3 40.9#



#20  
3+4-Methylphenols  
Concen: 37.78 ng  
RT: 7.72 min Scan# 405  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

Tgt Ion: 107 Resp: 118378  
Ion Ratio Lower Upper  
107 100  
108 85.6 74.6 114.6  
77 33.0 0.7 40.7  
79 26.5 0.0 38.9

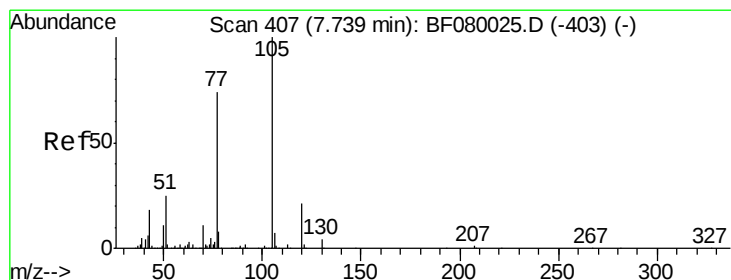
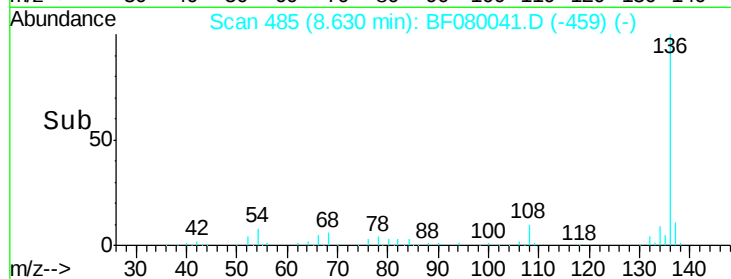
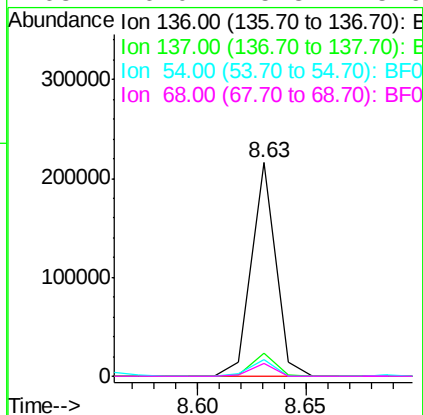
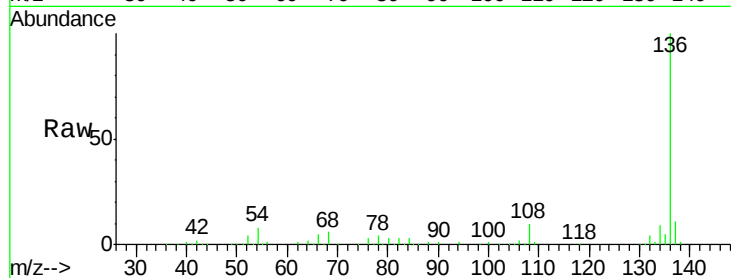




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.63 min Scan# 485  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

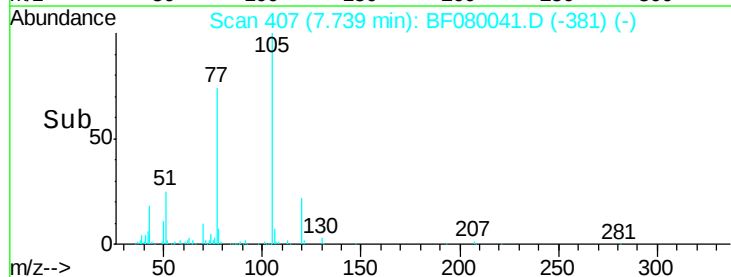
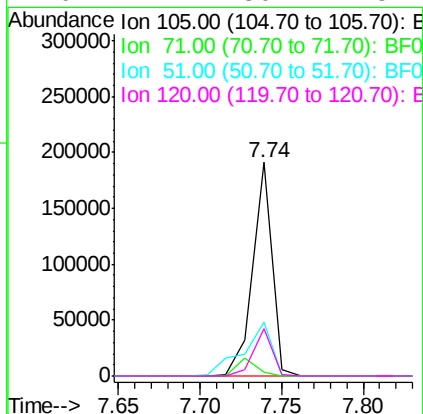
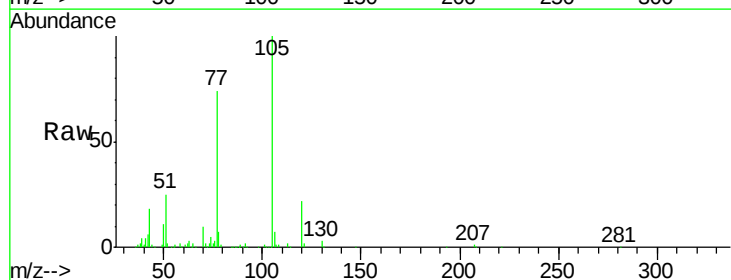
Instrument :  
BNA\_F  
ClientSampleId :  
NC-HC-001MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 167790 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.0   | 13.6   |
| 54       | 7.8   | 8.2   | 12.2#  |
| 68       | 6.0   | 5.8   | 8.6    |



#22  
Acetophenone  
Concen: 40.37 ng  
RT: 7.74 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 157851 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.6   | 4.7   | 7.1#   |
| 51       | 25.1  | 22.0  | 33.0   |
| 120      | 22.1  | 30.1  | 45.1#  |

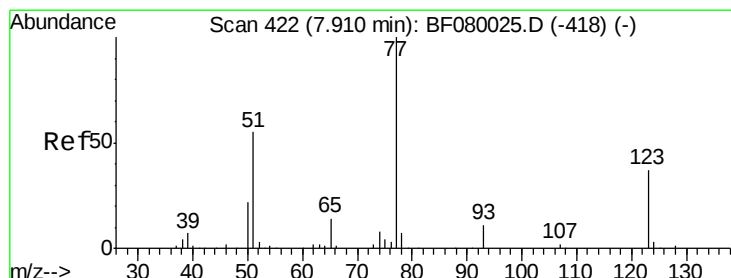
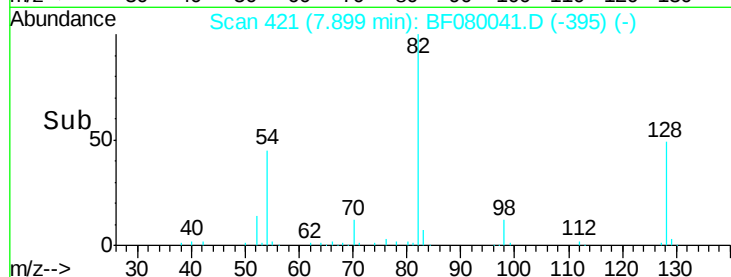
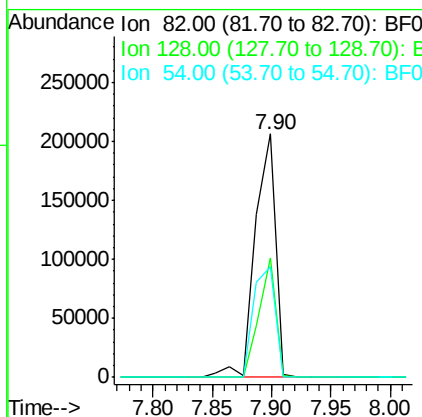
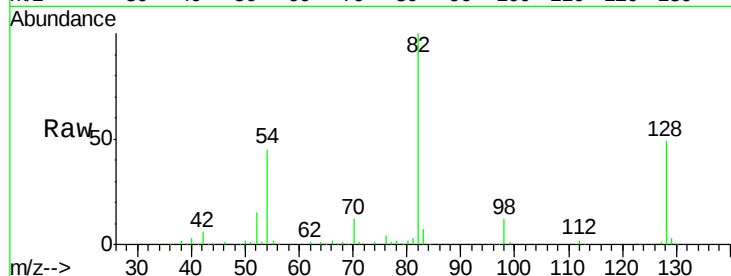




#23  
 Nitrobenzene-d5  
 Concen: 85.79 ng  
 RT: 7.90 min Scan# 421  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

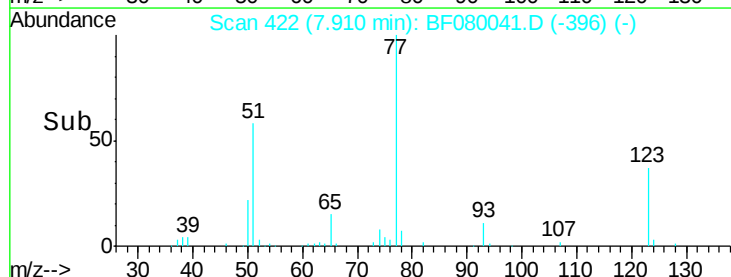
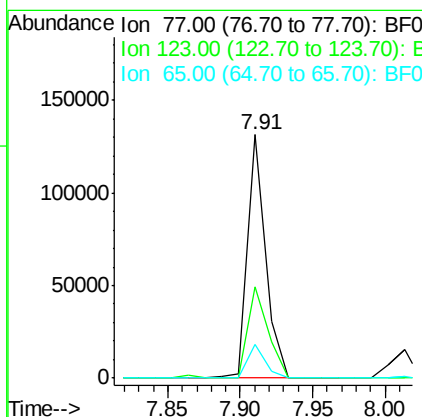
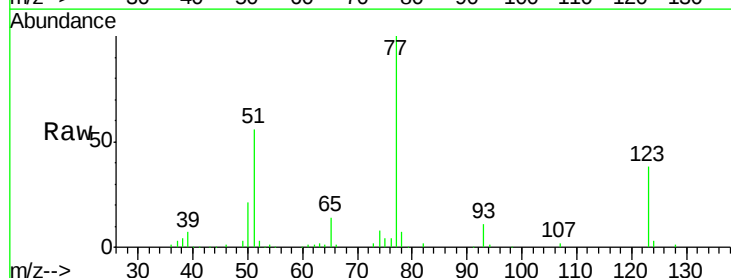
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-HC-001MSD

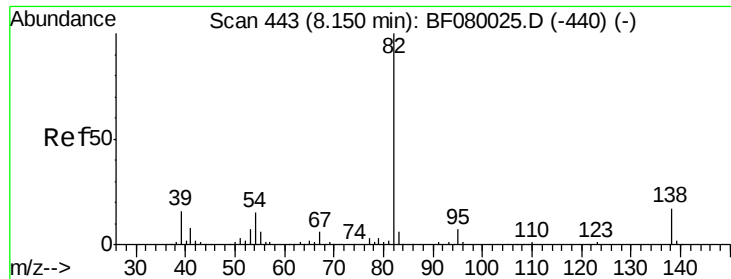
Tgt Ion: 82 Resp: 247264  
 Ion Ratio Lower Upper  
 82 100  
 128 49.3 51.0 76.6#  
 54 45.1 47.5 71.3#



#24  
 Nitrobenzene  
 Concen: 38.19 ng  
 RT: 7.91 min Scan# 422  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Tgt Ion: 77 Resp: 113617  
 Ion Ratio Lower Upper  
 77 100  
 123 37.7 59.8 89.8#  
 65 14.0 10.2 15.4





#25

Isophorone

Concen: 39.30 ng

RT: 8.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA\_F

ClientSampleId :

NC-HC-001MSD

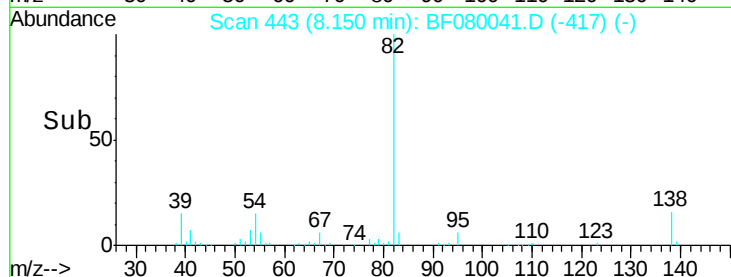
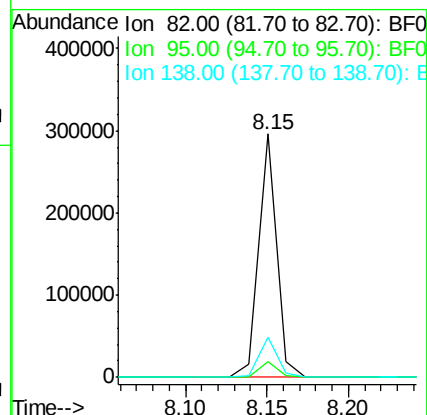
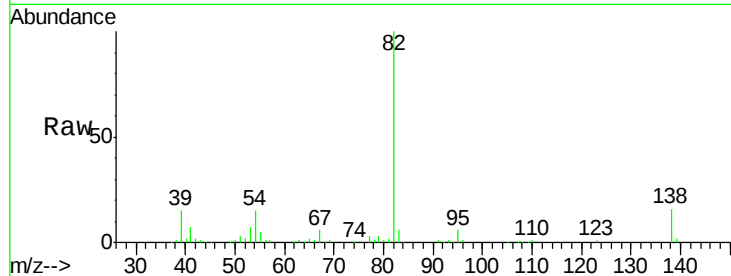
Tgt Ion: 82 Resp: 227935

Ion Ratio Lower Upper

82 100

95 6.4 4.0 6.0#

138 16.2 18.3 27.5#



#26

2-Nitrophenol

Concen: 39.61 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

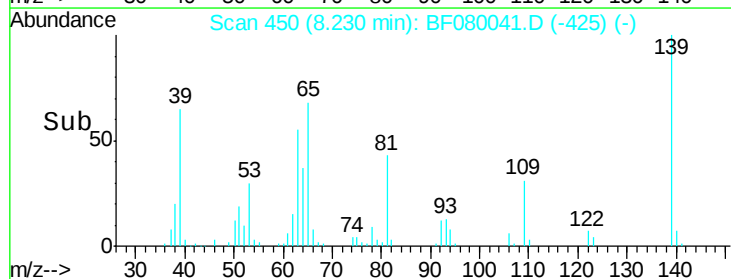
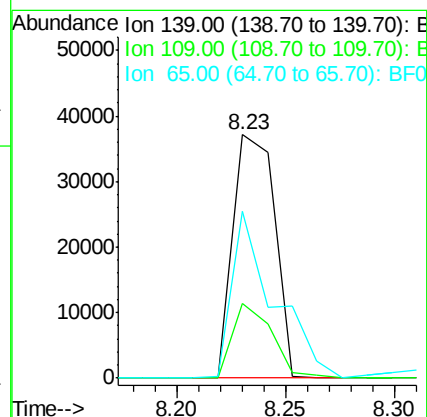
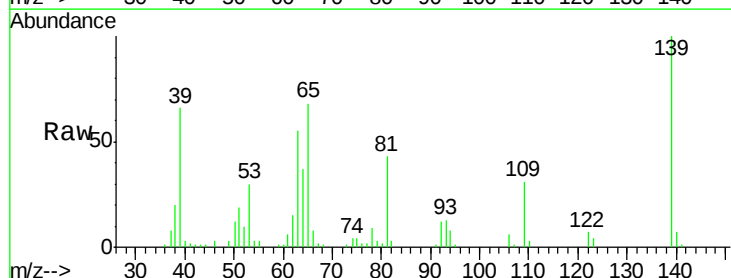
Tgt Ion: 139 Resp: 49320

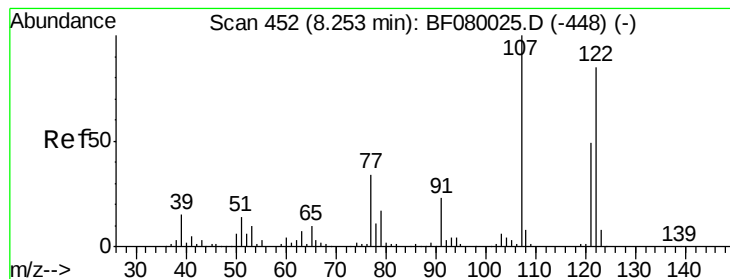
Ion Ratio Lower Upper

139 100

109 30.8 11.0 16.4#

65 68.5 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 37.80 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA\_F

ClientSampleId :

NC-HC-001MSD

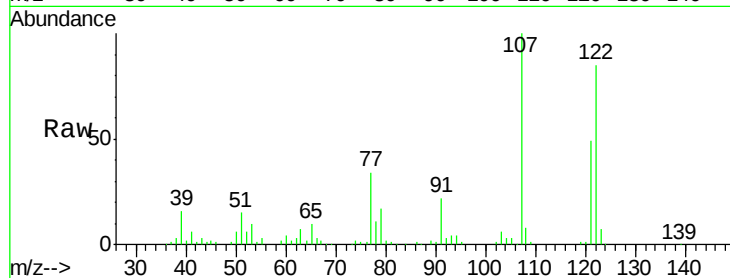
Tgt Ion:122 Resp: 98138

Ion Ratio Lower Upper

122 100

107 117.9 71.8 107.6#

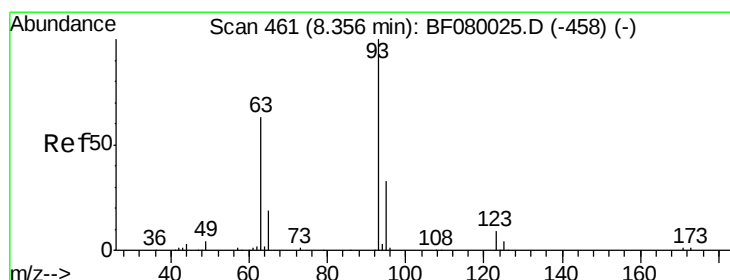
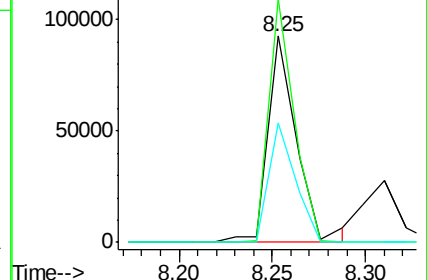
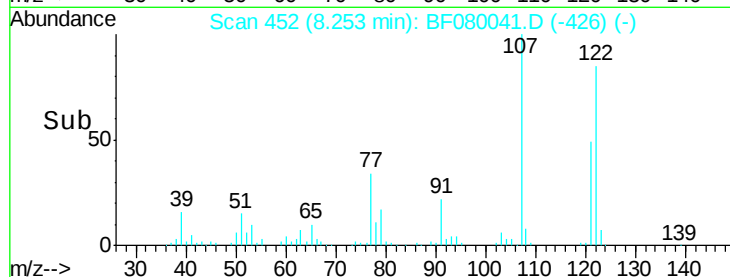
121 57.8 42.3 63.5



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: 40.10 ng

RT: 8.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

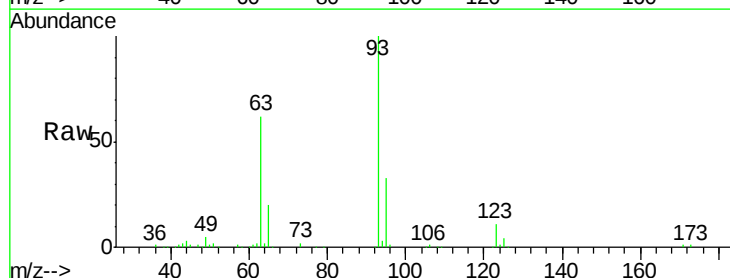
Tgt Ion: 93 Resp: 136655

Ion Ratio Lower Upper

93 100

95 33.0 27.5 41.3

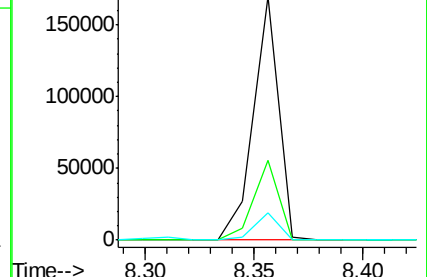
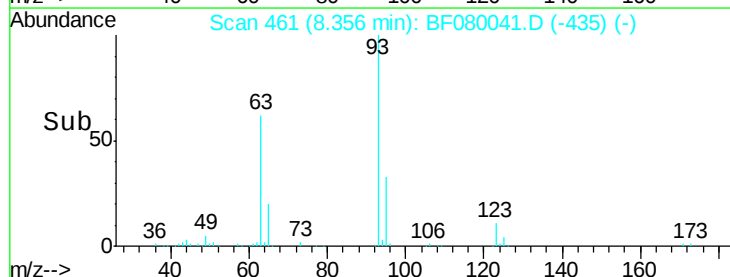
123 11.1 13.7 20.5#

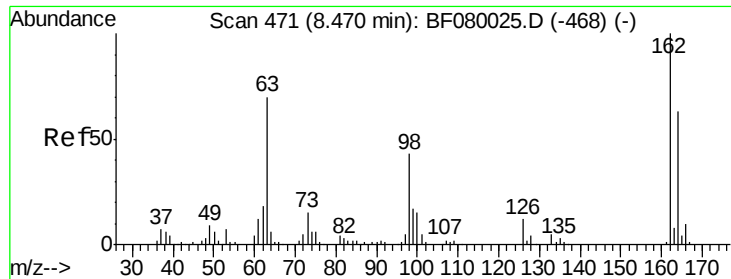


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

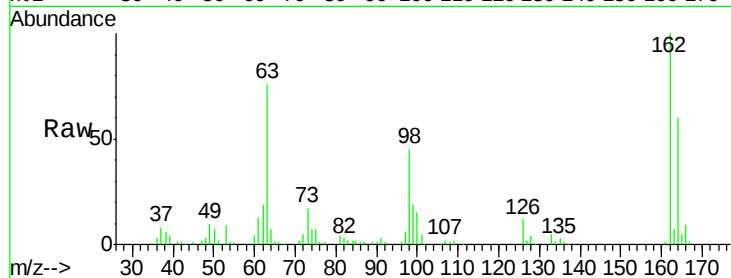




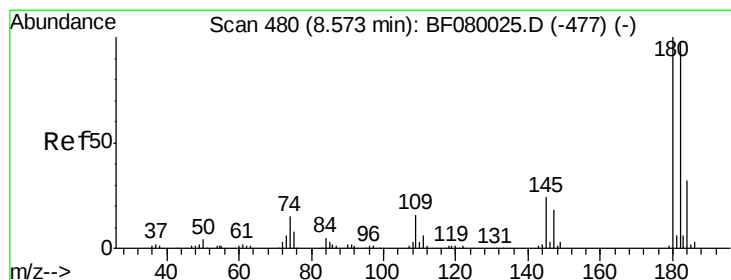
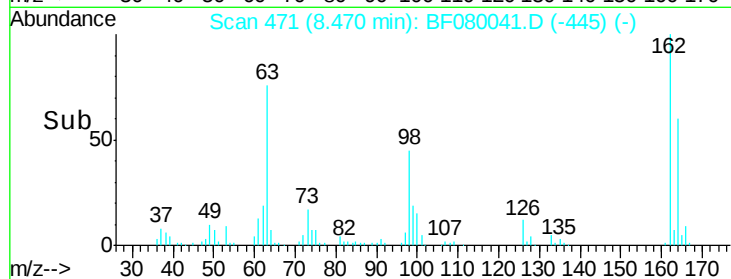
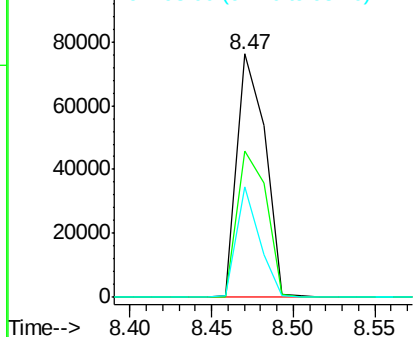
#29  
 2,4-Dichlorophenol  
 Concen: 40.64 ng  
 RT: 8.47 min Scan# 471  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-HC-001MSD

Tgt Ion:162 Resp: 90369  
 Ion Ratio Lower Upper  
 162 100  
 164 60.2 44.9 84.9  
 98 45.1 13.0 53.0

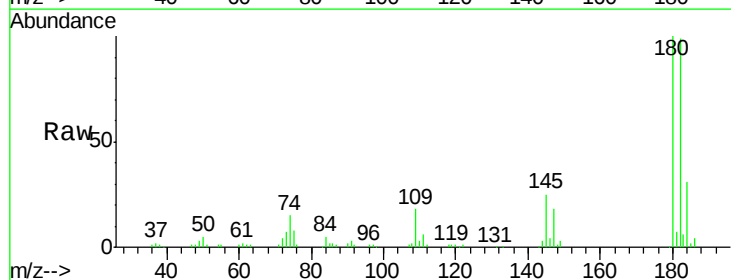


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

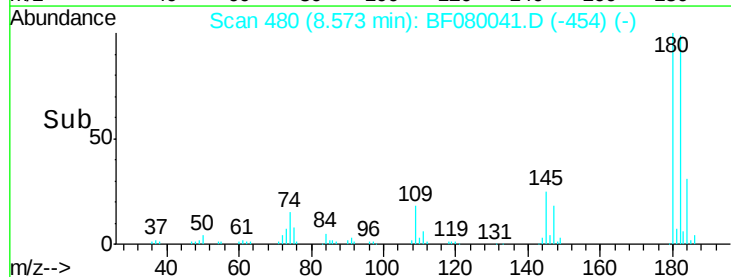
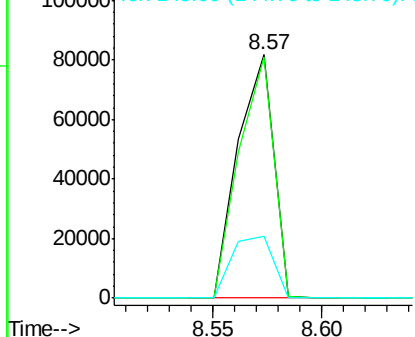


#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.97 ng  
 RT: 8.57 min Scan# 480  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Tgt Ion:180 Resp: 93365  
 Ion Ratio Lower Upper  
 180 100  
 182 99.2 77.1 115.7  
 145 25.4 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

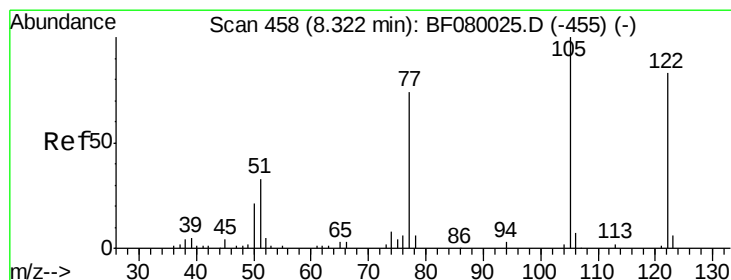
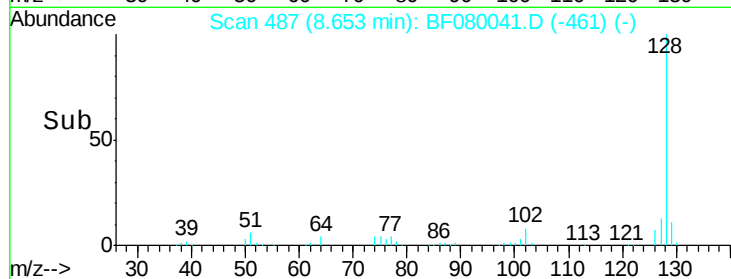
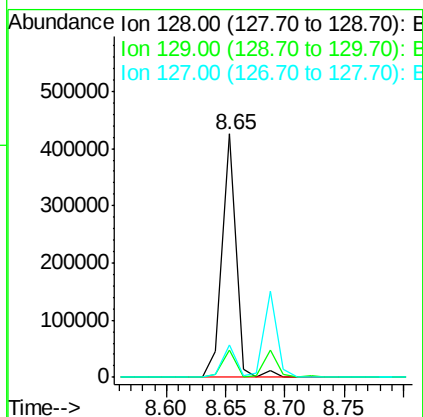
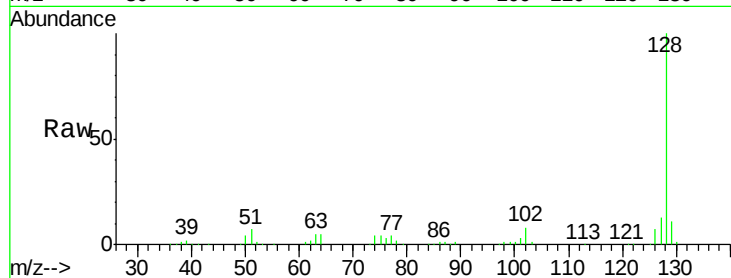




#31  
Naphthalene  
Concen: 39.13 ng  
RT: 8.65 min Scan# 487  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

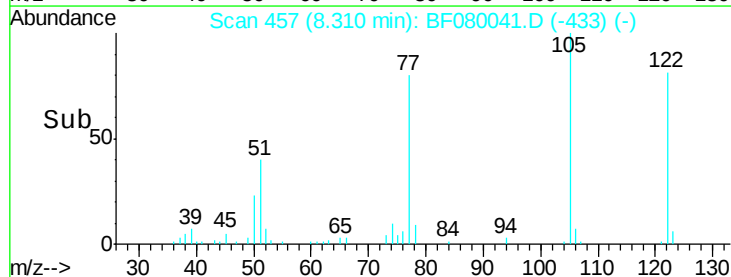
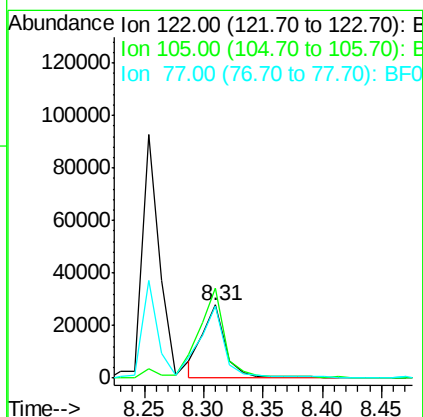
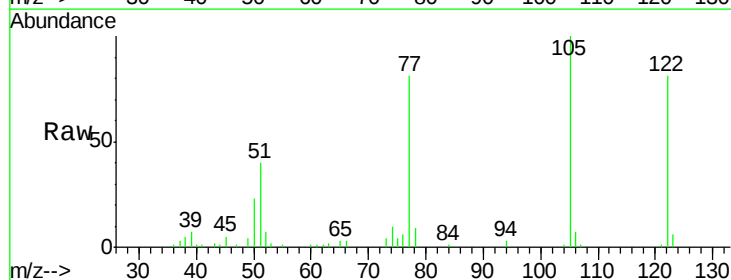
Instrument :  
BNA\_F  
ClientSampleId :  
NC-HC-001MSD

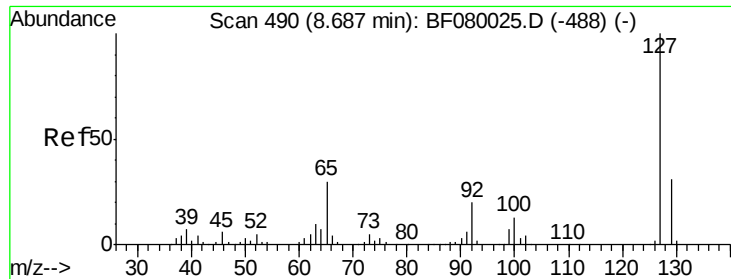
Tgt Ion:128 Resp: 343285  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.4 12.6  
127 13.1 9.9 14.9



#32  
Benzoic acid  
Concen: 24.67 ng  
RT: 8.31 min Scan# 457  
Delta R.T. -0.02 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

Tgt Ion:122 Resp: 38723  
Ion Ratio Lower Upper  
122 100  
105 123.2 76.1 116.1#  
77 99.5 40.5 80.5#

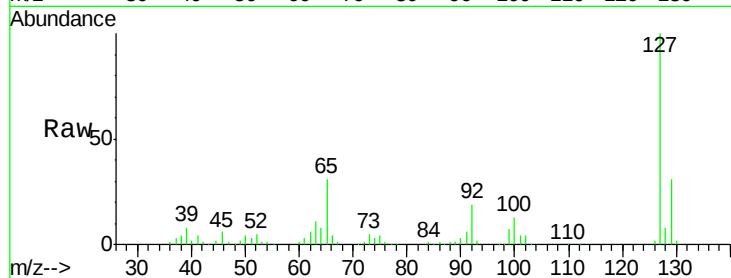




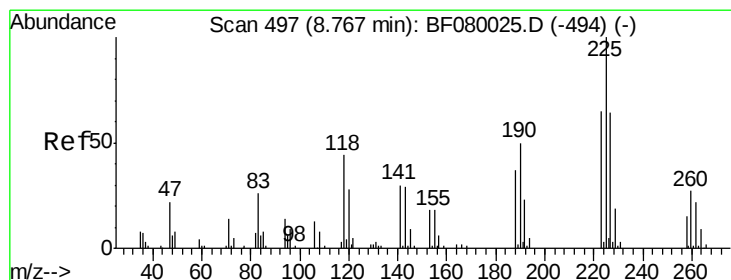
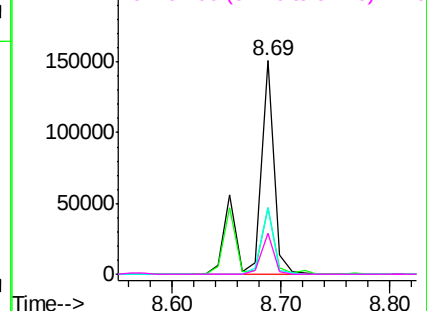
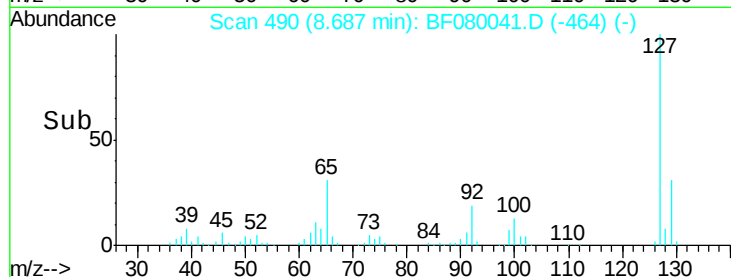
#33  
4-Chloroaniline  
Concen: 43.73 ng  
RT: 8.69 min Scan# 490  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
NC-HC-001MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 164180 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.3  | 25.8  | 38.6   |
| 65       | 31.3  | 17.9  | 26.9#  |
| 92       | 19.2  | 10.5  | 15.7#  |

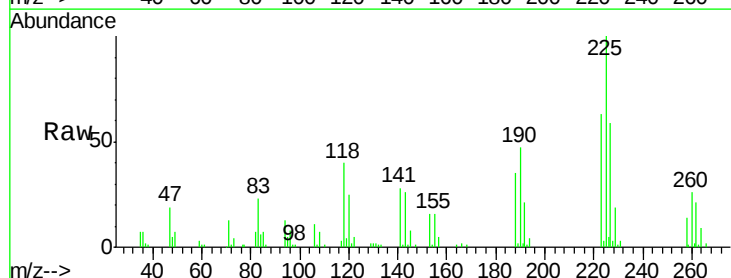


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

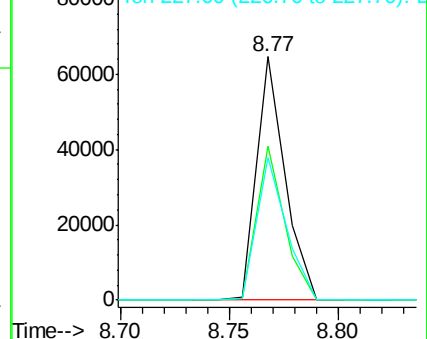
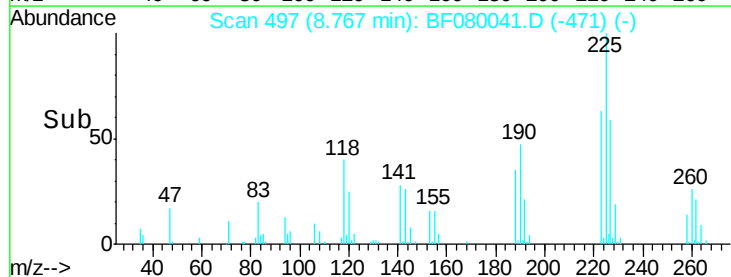


#34  
Hexachlorobutadiene  
Concen: 37.54 ng  
RT: 8.77 min Scan# 497  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 58379 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.0  | 50.2  | 75.2  |
| 227      | 58.6  | 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

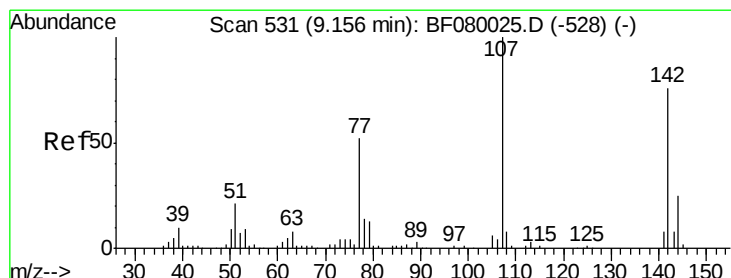
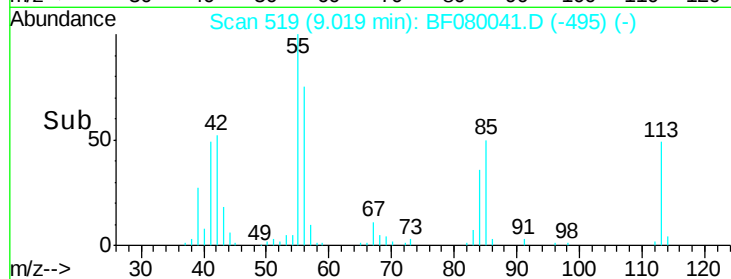
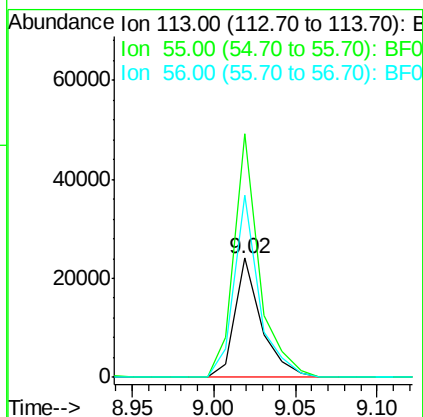
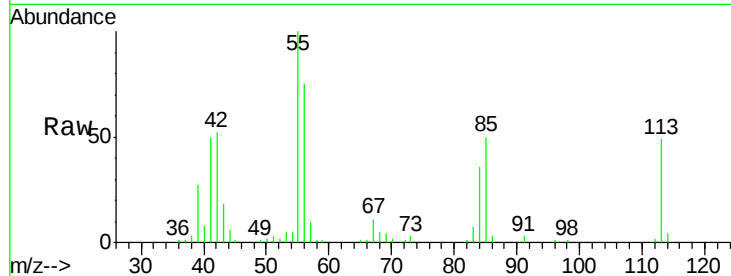




#35  
 Caprolactam  
 Concen: 37.51 ng  
 RT: 9.02 min Scan# 519  
 Delta R.T. -0.02 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

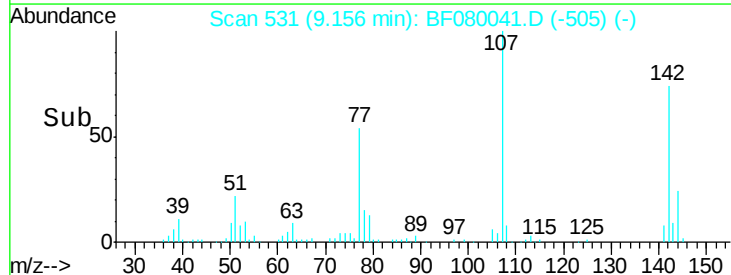
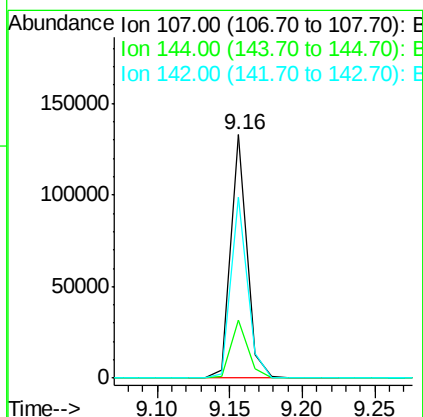
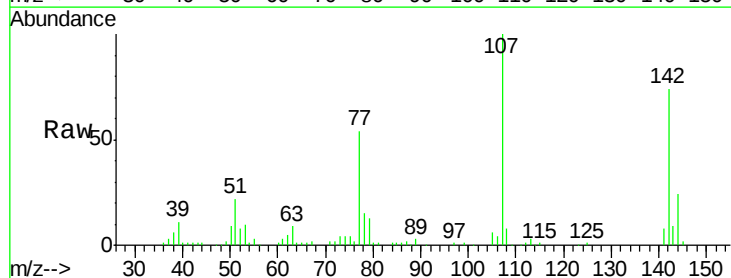
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-HC-001MSD

Tgt Ion:113 Resp: 27075  
 Ion Ratio Lower Upper  
 113 100  
 55 204.5 152.4 192.4#  
 56 153.0 104.6 144.6#



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.39 ng  
 RT: 9.16 min Scan# 531  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Tgt Ion:107 Resp: 103807  
 Ion Ratio Lower Upper  
 107 100  
 144 24.0 25.4 38.0#  
 142 74.4 77.3 115.9#

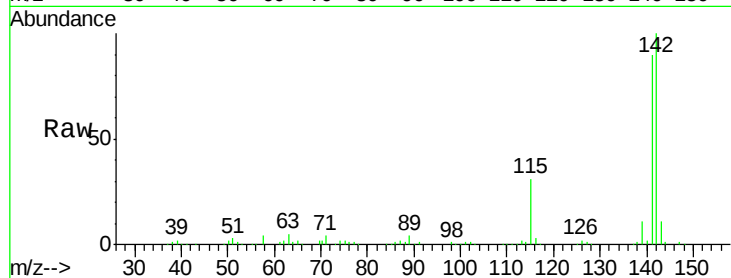




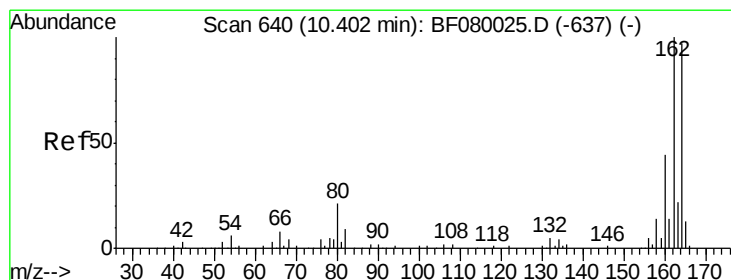
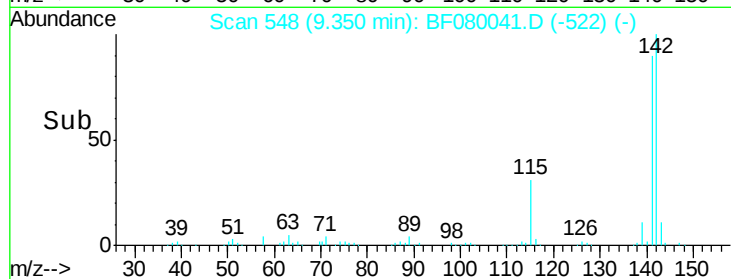
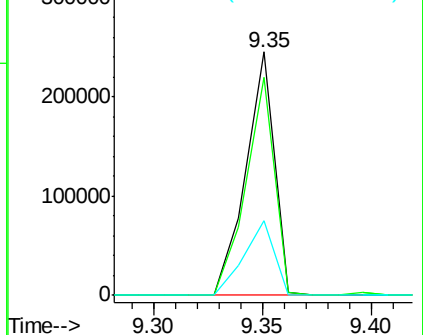
#37  
2-Methylnaphthalene  
Concen: 39.43 ng  
RT: 9.35 min Scan# 548  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
NC-HC-001MSD

Tgt Ion:142 Resp: 223767  
Ion Ratio Lower Upper  
142 100  
141 89.6 67.5 101.3  
115 30.5 18.2 27.2#

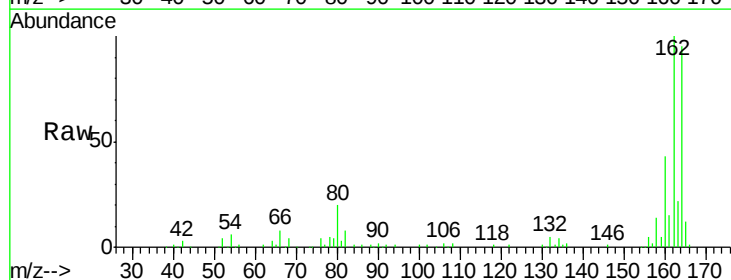


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

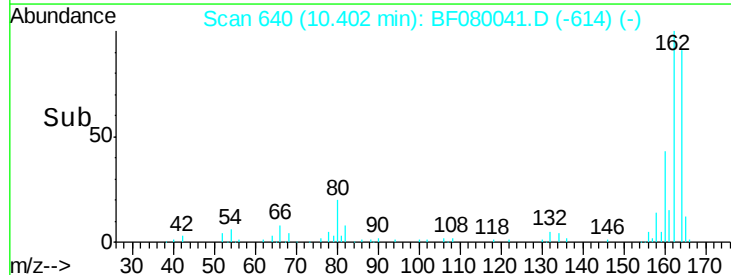
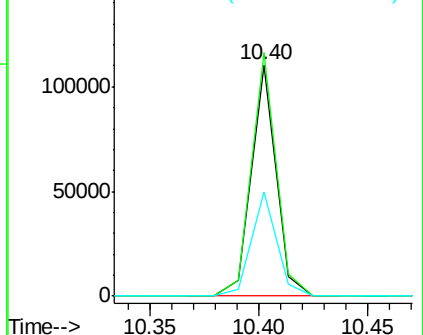


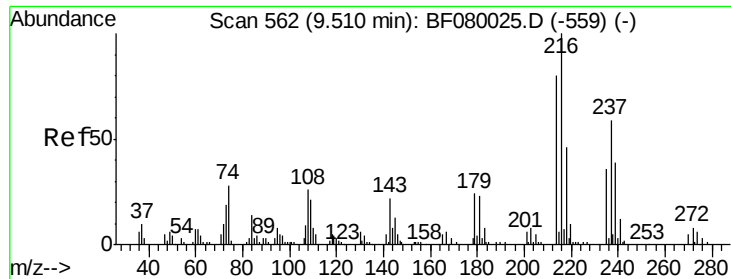
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.40 min Scan# 640  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

Tgt Ion:164 Resp: 87171  
Ion Ratio Lower Upper  
164 100  
162 105.5 75.2 112.8  
160 45.3 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: 38.46 ng

RT: 9.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA\_F

ClientSampleId :

NC-HC-001MSD

Tgt Ion:216 Resp: 97554

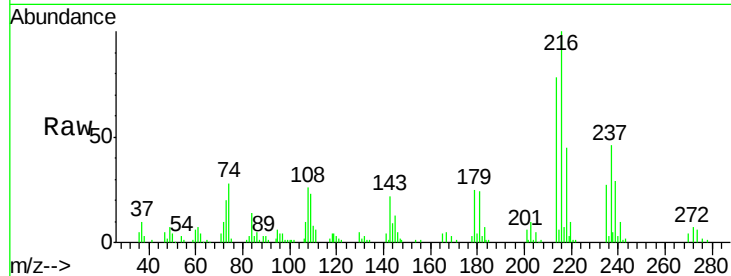
Ion Ratio Lower Upper

216 100

214 76.6 63.5 95.3

179 20.2 16.6 24.8

108 18.4 16.3 24.5

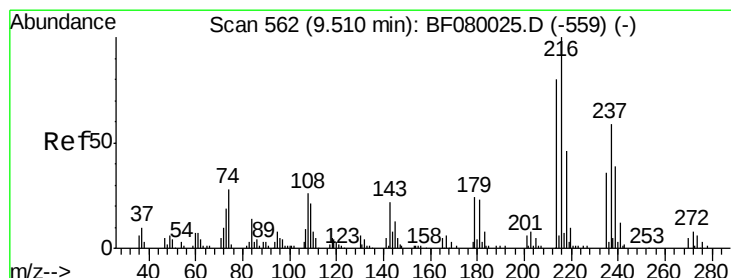
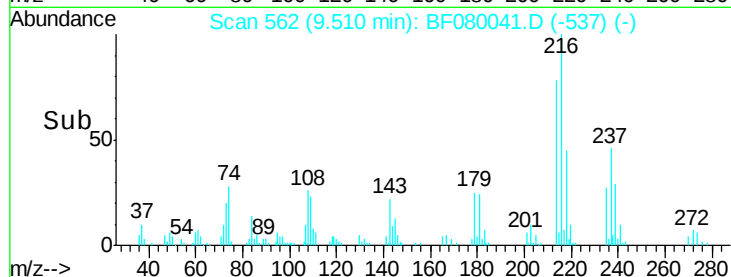
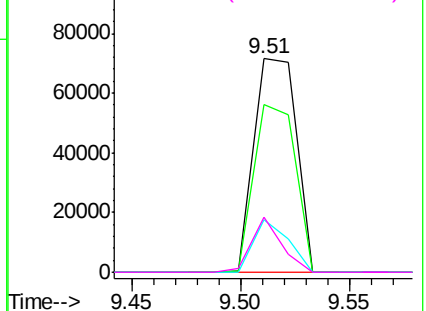


Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.93 ng

RT: 9.51 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

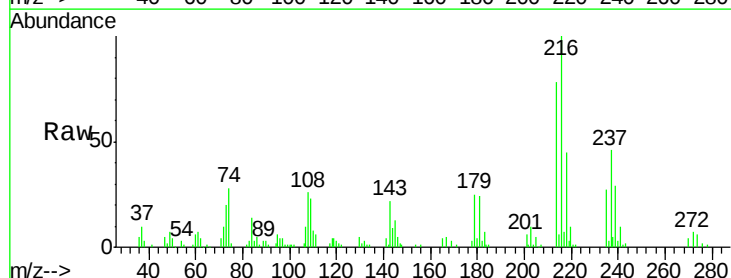
Tgt Ion:237 Resp: 36358

Ion Ratio Lower Upper

237 100

235 59.2 42.0 82.0

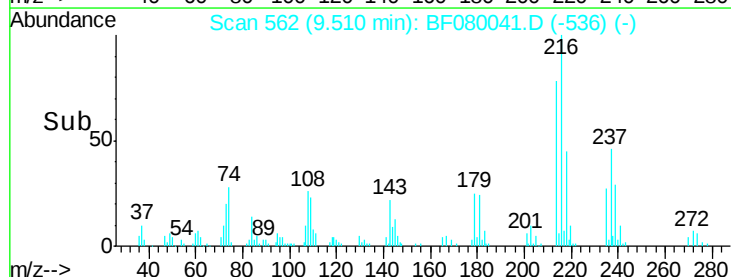
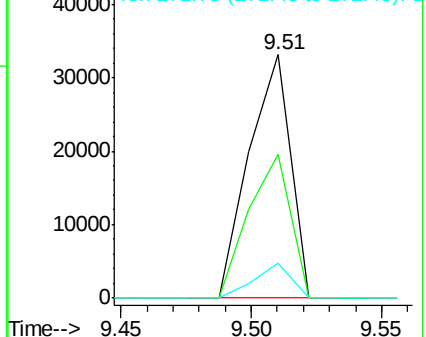
272 14.4 0.0 36.1



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

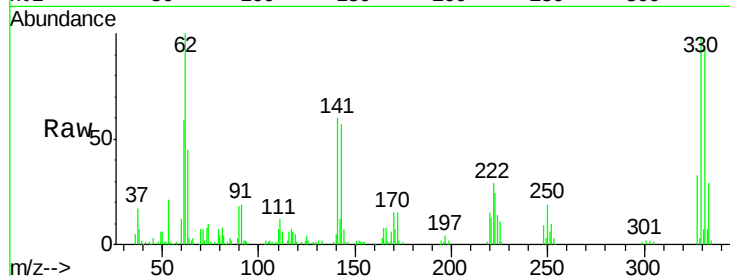




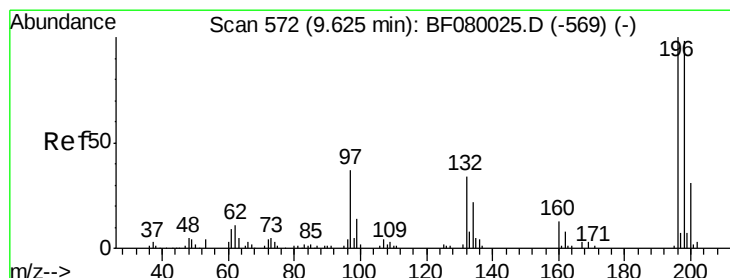
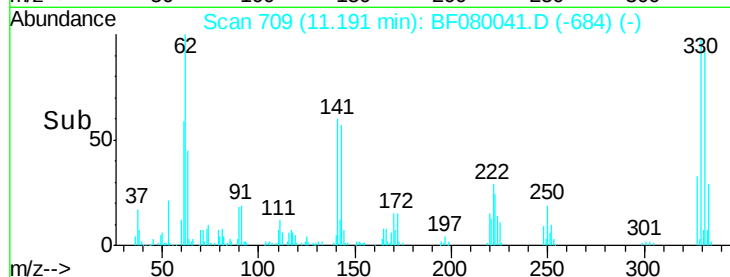
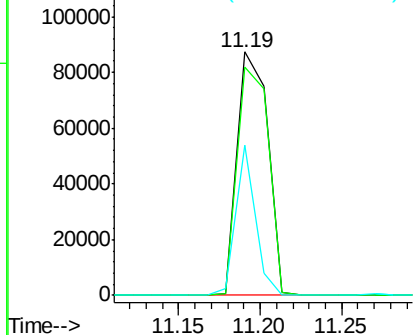
#41  
 2,4,6-Tribromophenol  
 Concen: 132.27 ng  
 RT: 11.19 min Scan# 709  
 Delta R.T. -0.01 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-HC-001MSD

Tgt Ion:330 Resp: 112748  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 76.6 114.8  
 141 39.2 29.7 44.5

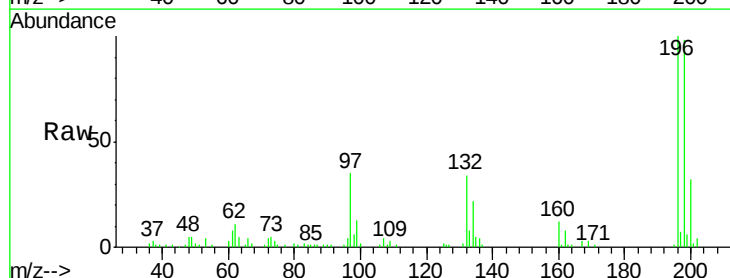


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

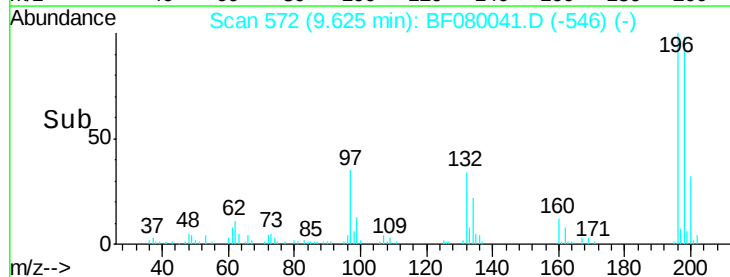
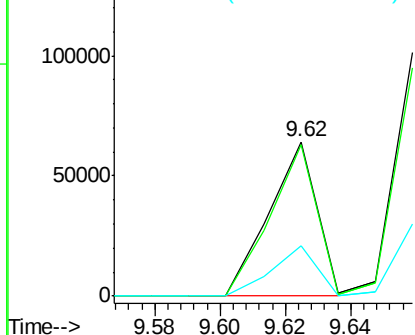


#42  
 2,4,6-Trichlorophenol  
 Concen: 37.89 ng  
 RT: 9.62 min Scan# 572  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Tgt Ion:196 Resp: 65406  
 Ion Ratio Lower Upper  
 196 100  
 198 97.9 75.7 113.5  
 200 32.4 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

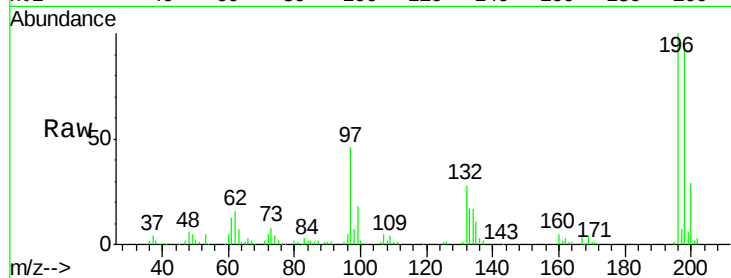




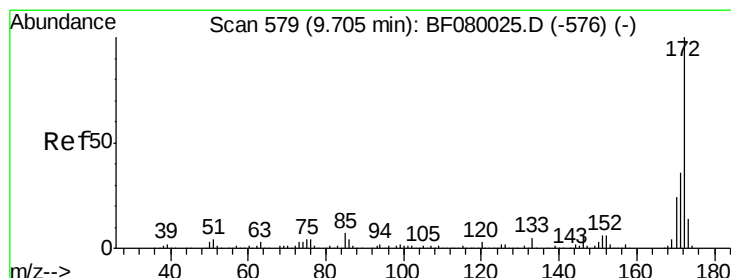
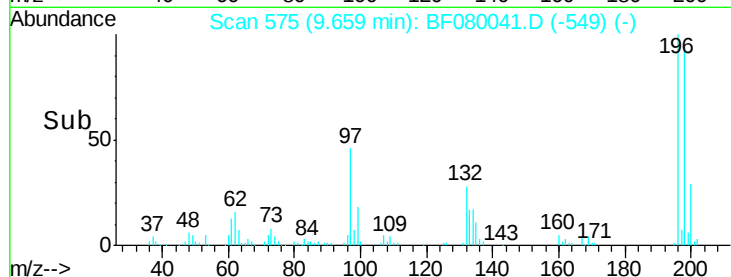
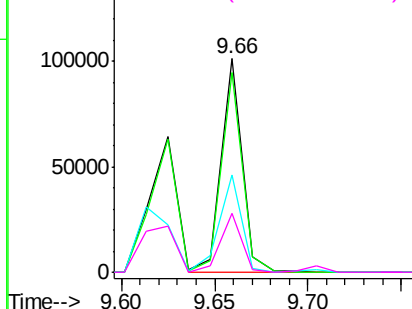
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.86 ng  
 RT: 9.66 min Scan# 575  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-HC-001MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 79266 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 93.7  | 75.4  | 113.0 |
| 97       | 45.8  | 33.3  | 49.9  |
| 132      | 27.8  | 24.6  | 37.0  |

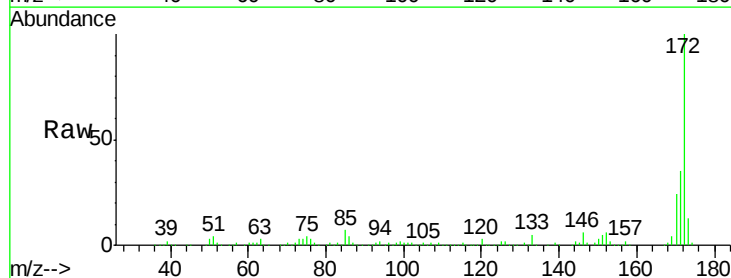


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

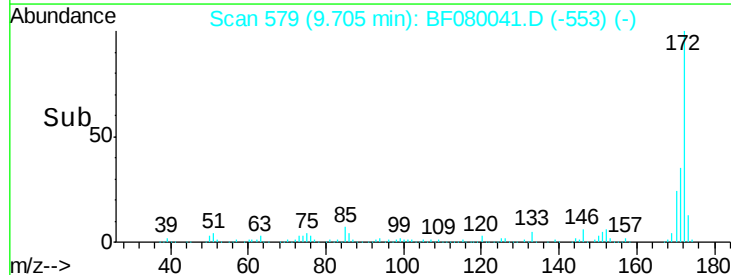
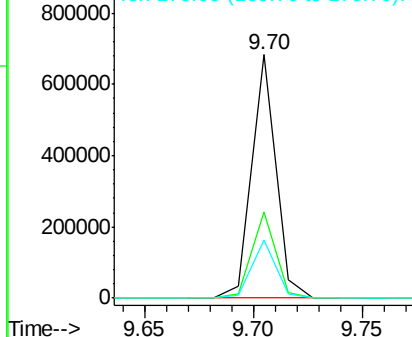


#44  
 2-Fluorobiphenyl  
 Concen: 86.18 ng  
 RT: 9.70 min Scan# 579  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 526784 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 35.4  | 26.1  | 39.1   |
| 170      | 23.9  | 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

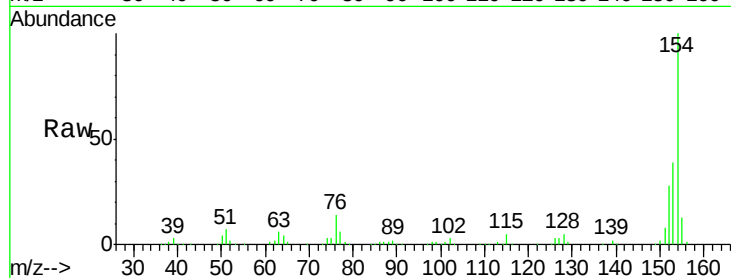




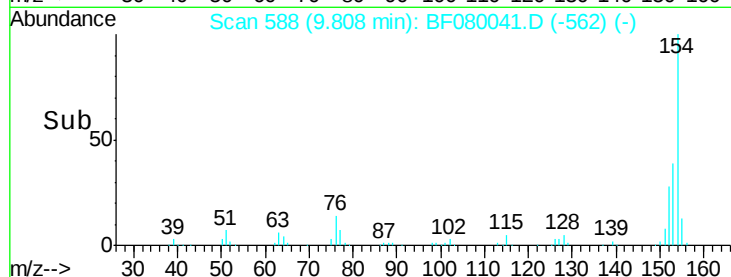
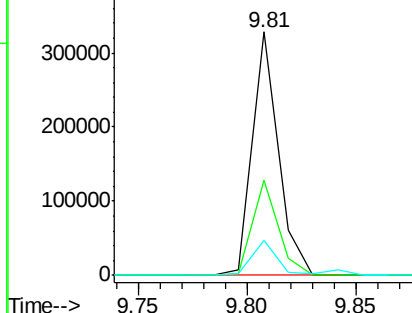
#45  
 1,1'-Biphenyl  
 Concen: 38.33 ng  
 RT: 9.81 min Scan# 588  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-HC-001MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.3  | 17.1  | 57.1  |
| 76      | 14.2  | 0.0   | 31.6  |

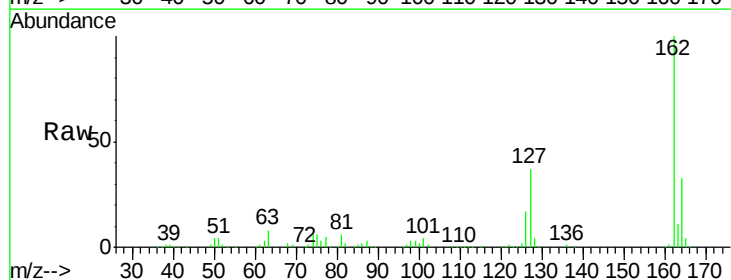


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

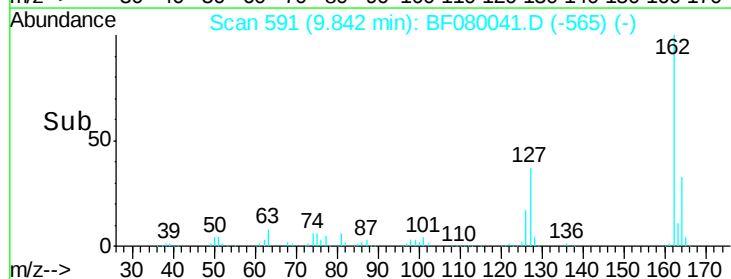
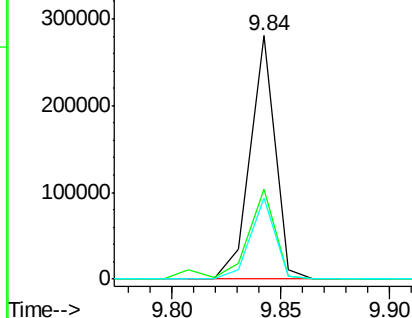


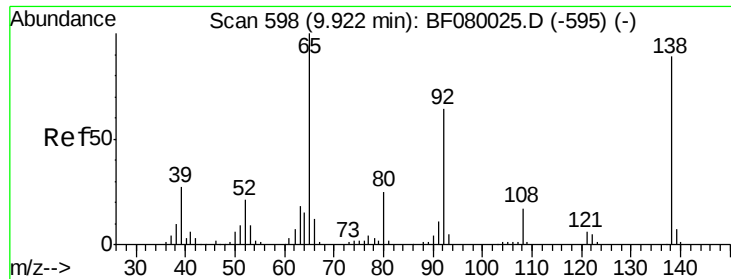
#46  
 2-Chloronaphthalene  
 Concen: 38.83 ng  
 RT: 9.84 min Scan# 591  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.1  | 27.6  | 41.4  |
| 164     | 33.4  | 25.4  | 38.2  |



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

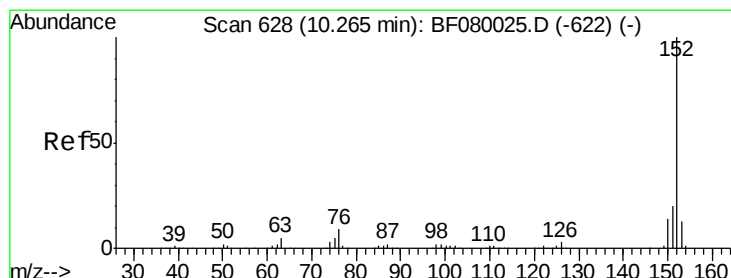
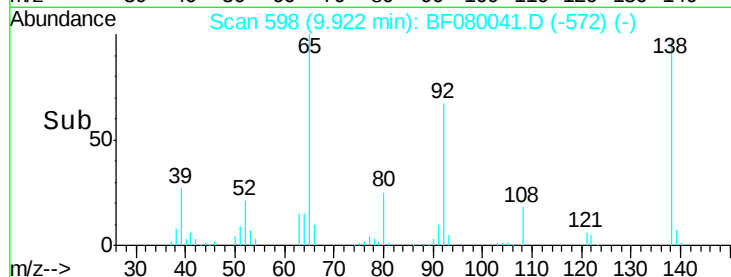
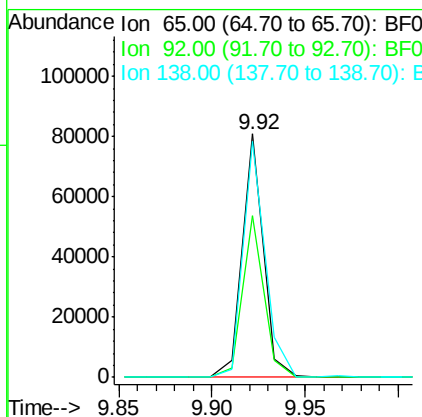
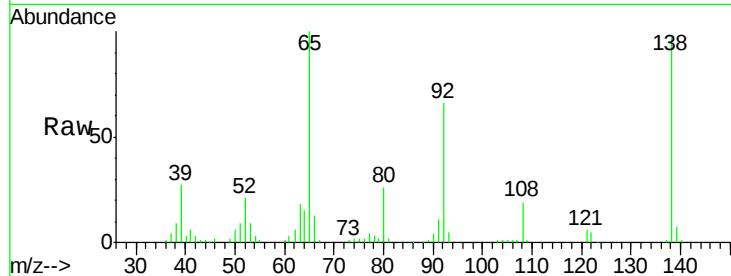




#47  
 2-Nitroaniline  
 Concen: 40.45 ng  
 RT: 9.92 min Scan# 598  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

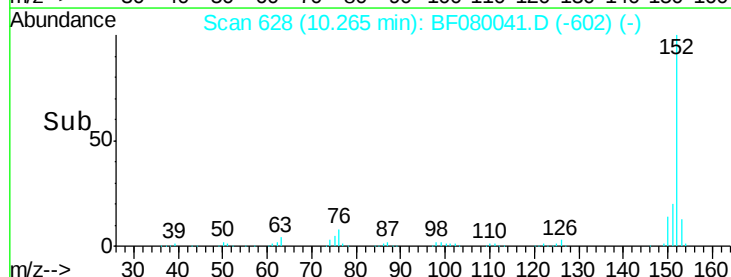
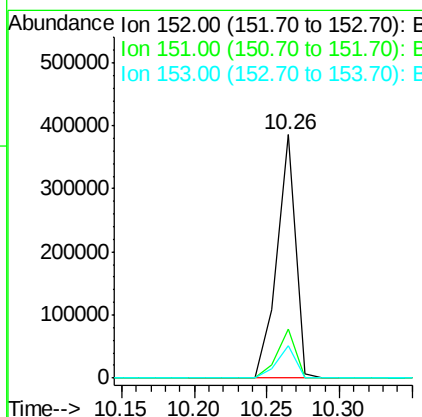
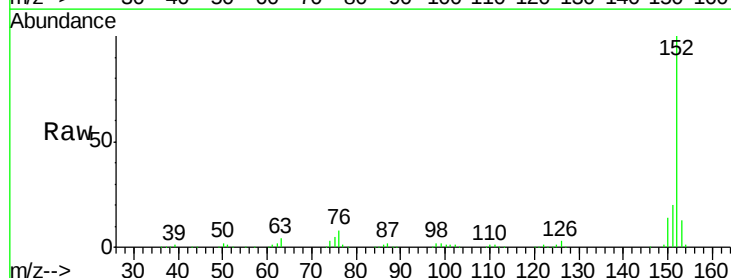
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-HC-001MSD

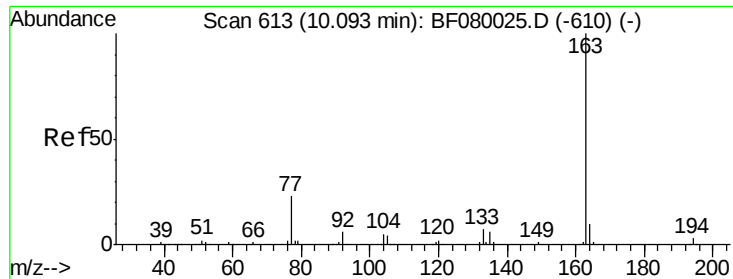
Tgt Ion: 65 Resp: 63893  
 Ion Ratio Lower Upper  
 65 100  
 92 66.5 55.4 83.0  
 138 96.9 115.5 173.3#



#48  
 Acenaphthylene  
 Concen: 35.95 ng  
 RT: 10.26 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Tgt Ion: 152 Resp: 345344  
 Ion Ratio Lower Upper  
 152 100  
 151 20.2 14.6 22.0  
 153 13.2 10.3 15.5

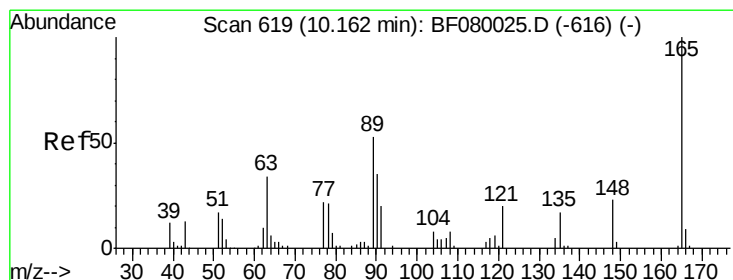
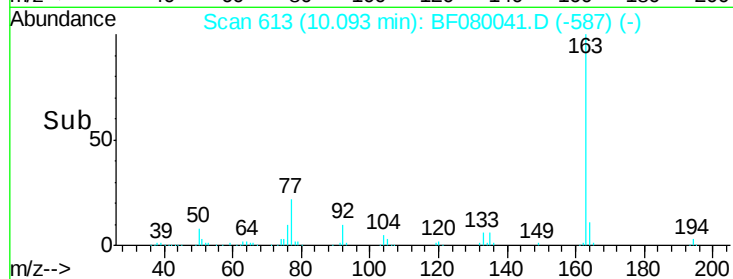
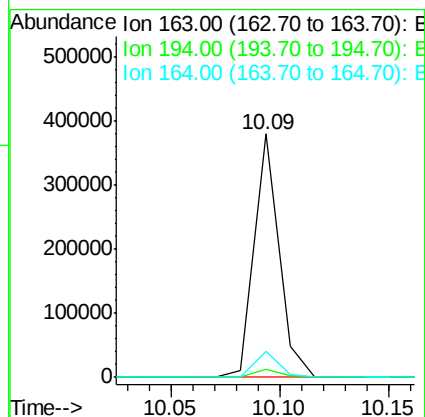
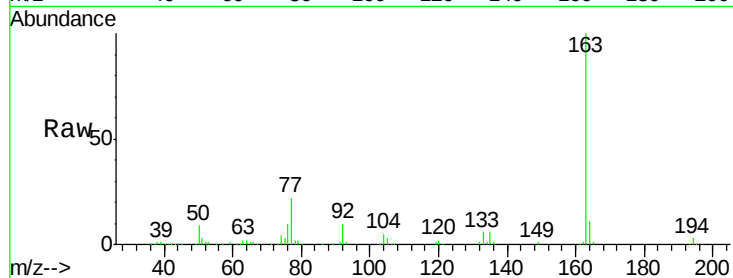




#49  
Dimethylphthalate  
Concen: 46.15 ng  
RT: 10.09 min Scan# 613  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

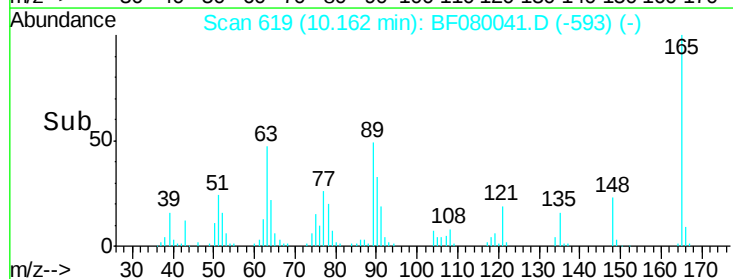
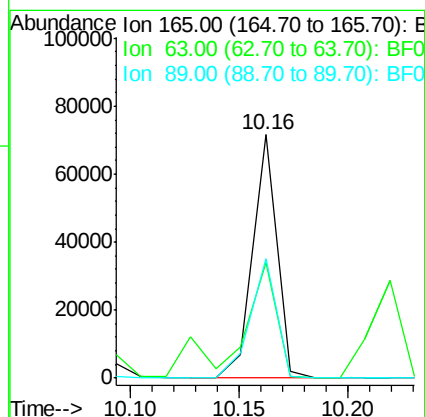
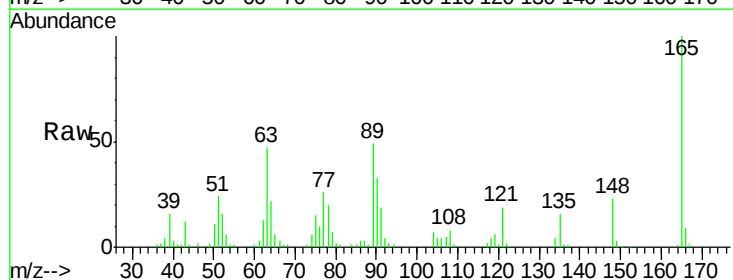
Instrument :  
BNA\_F  
ClientSampleId :  
NC-HC-001MSD

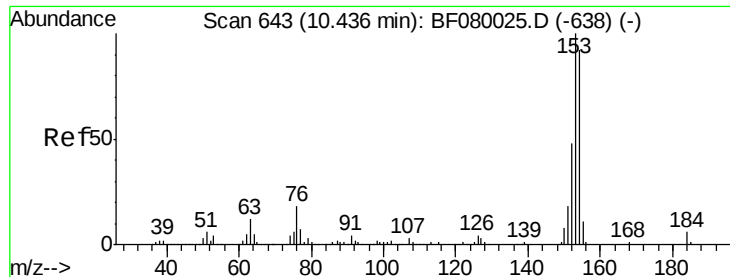
Tgt Ion:163 Resp: 302418  
Ion Ratio Lower Upper  
163 100  
194 3.3 4.4 6.6#  
164 10.6 8.3 12.5



#50  
2,6-Dinitrotoluene  
Concen: 42.06 ng  
RT: 10.16 min Scan# 619  
Delta R.T. 0.00 min  
Lab File: BF080041.D  
Acq: 18 Jun 2015 00:23

Tgt Ion:165 Resp: 55260  
Ion Ratio Lower Upper  
165 100  
63 47.3 32.3 48.5  
89 48.9 28.6 43.0#





#51

Acenaphthene

Concen: 38.16 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA\_F

ClientSampleId :

NC-HC-001MSD

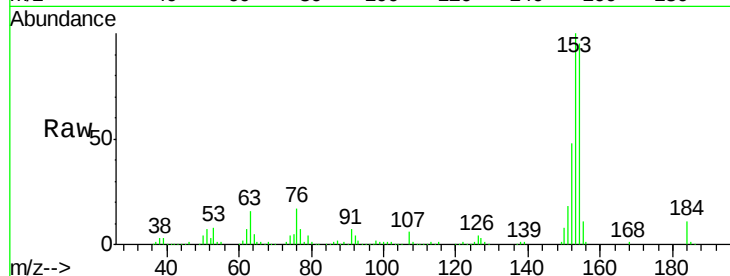
Tgt Ion:154 Resp: 224202

Ion Ratio Lower Upper

154 100

153 105.7 82.1 123.1

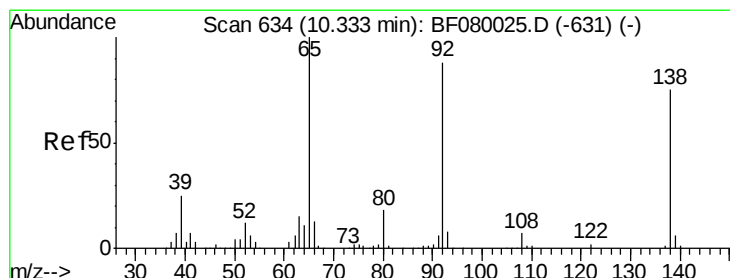
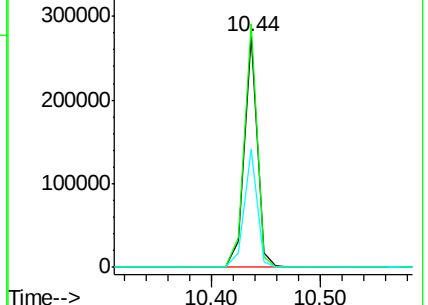
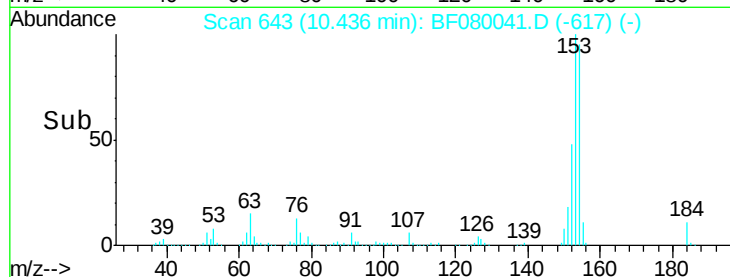
152 51.2 37.9 56.9



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: 39.20 ng

RT: 10.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

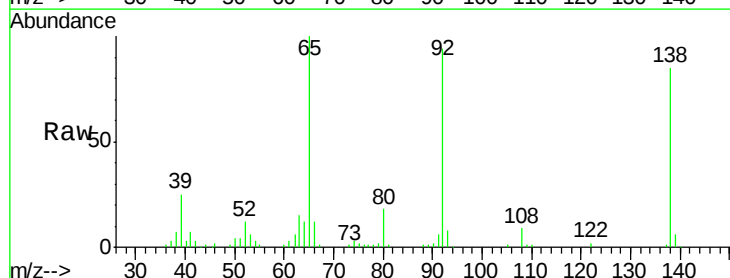
Tgt Ion:138 Resp: 59430

Ion Ratio Lower Upper

138 100

108 10.2 5.7 8.5#

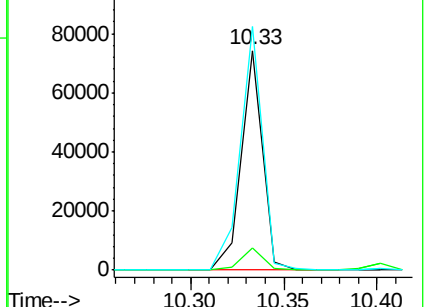
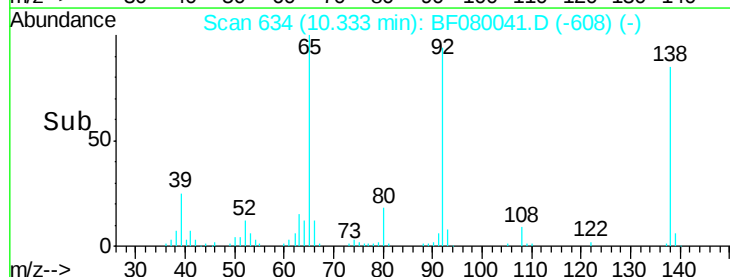
92 110.8 67.7 101.5#

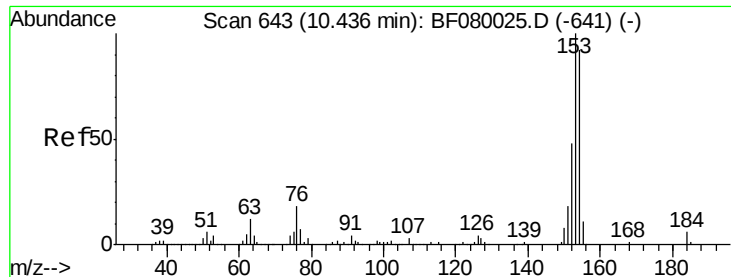


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 59.37 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA\_F

ClientSampleId :

NC-HC-001MSD

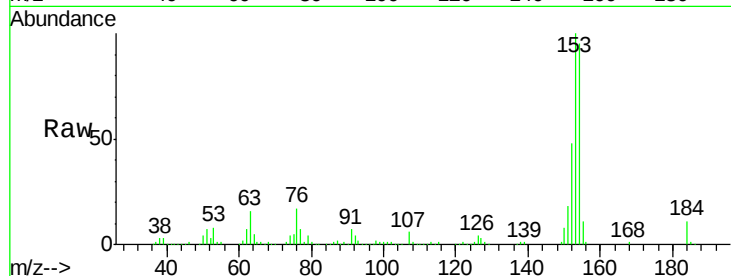
Tgt Ion:184 Resp: 30879

Ion Ratio Lower Upper

184 100

63 150.1 35.4 53.2#

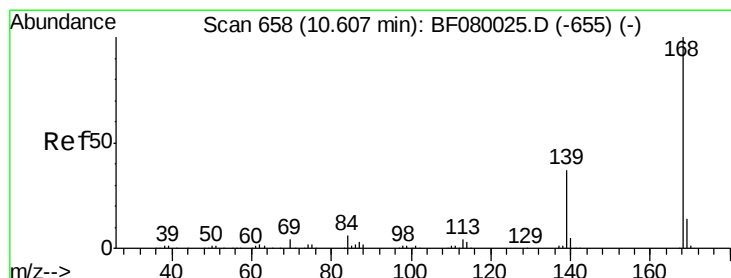
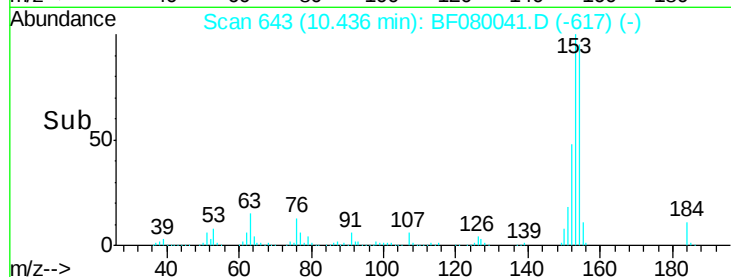
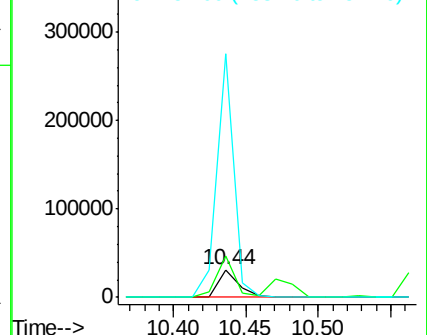
154 890.9 32.2 48.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.64 ng

RT: 10.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

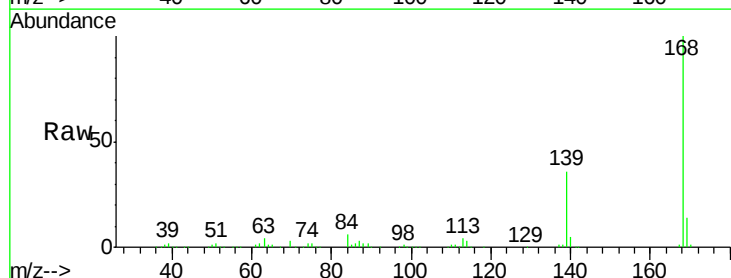
Tgt Ion:168 Resp: 330508

Ion Ratio Lower Upper

168 100

139 35.9 24.2 36.2

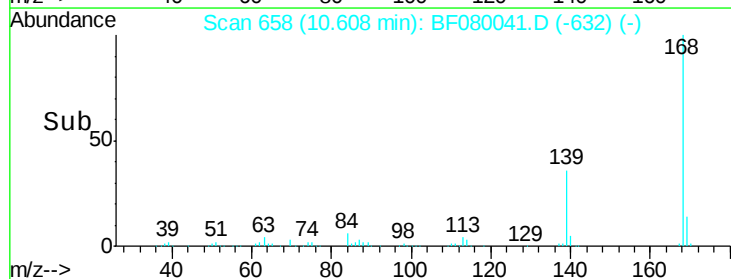
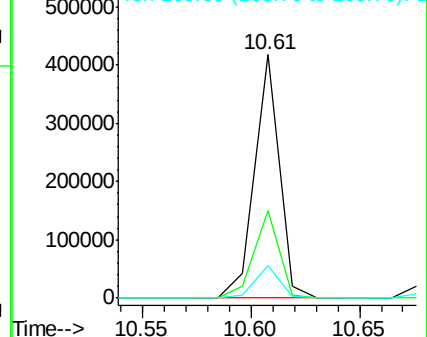
169 13.5 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 76.43 ng

RT: 10.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Instrument :

BNA\_F

ClientSampleId :

NC-HC-001MSD

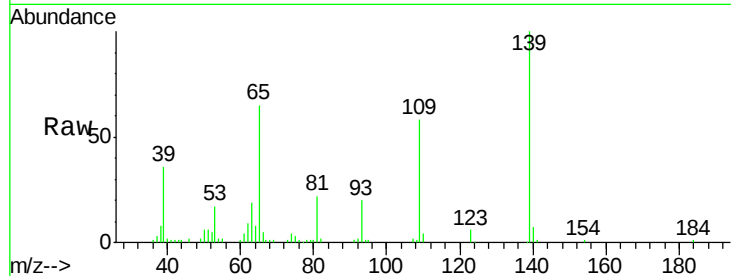
Tgt Ion:139 Resp: 92603

Ion Ratio Lower Upper

139 100

109 58.1 12.7 52.7#

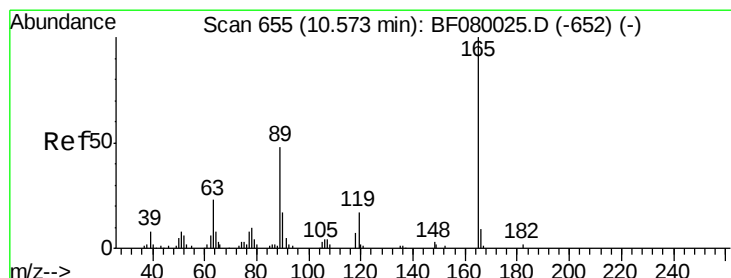
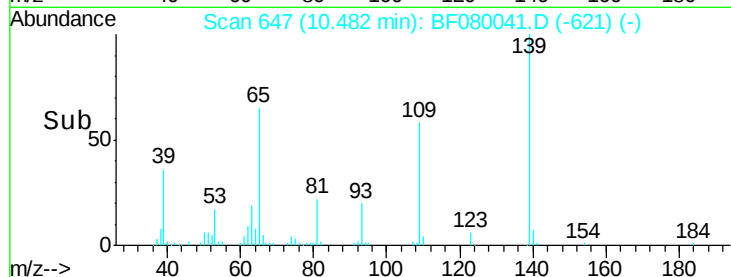
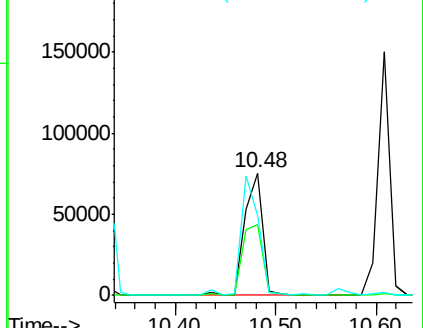
65 65.5 45.9 85.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.71 ng

RT: 10.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF080041.D

Acq: 18 Jun 2015 00:23

Tgt Ion:165 Resp: 66203

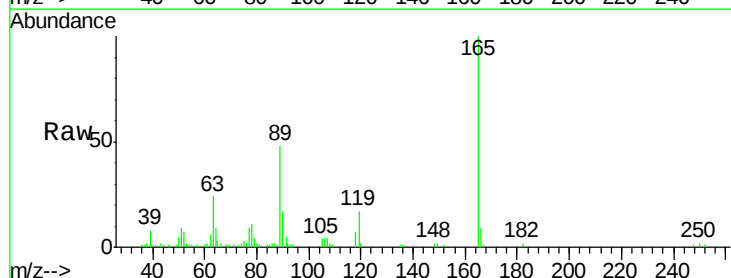
Ion Ratio Lower Upper

165 100

63 24.2 29.8 44.6#

89 47.7 44.5 66.7

182 2.4 3.0 4.4#

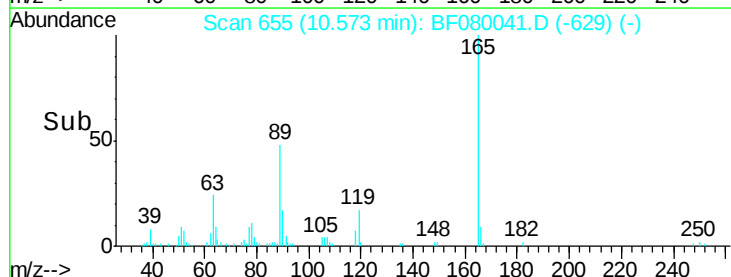
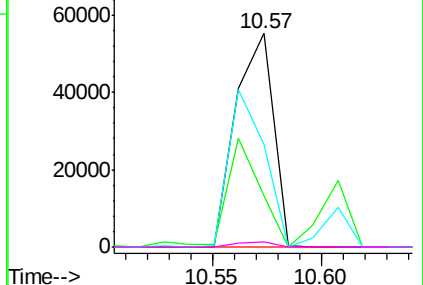


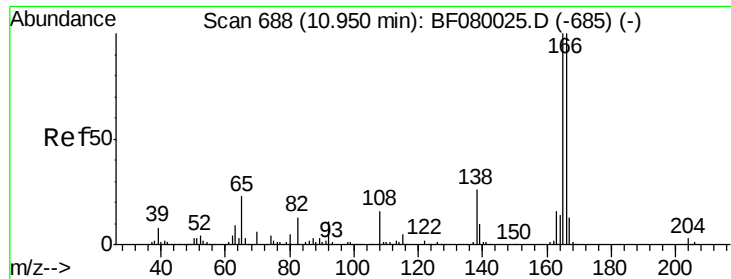
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

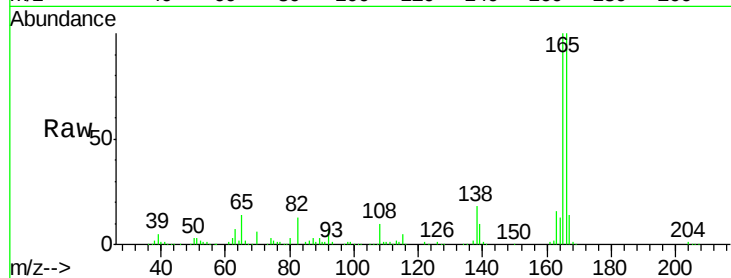




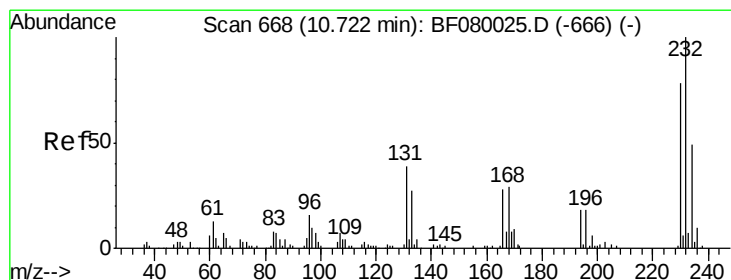
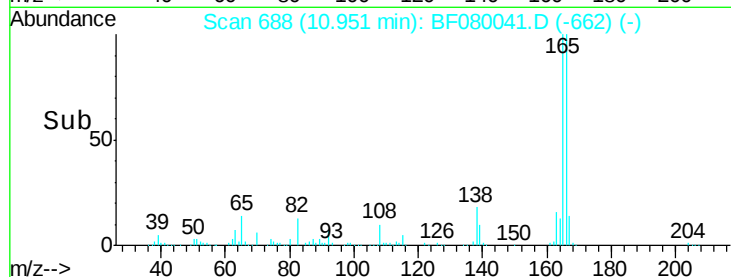
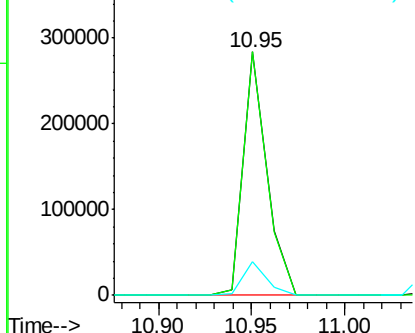
#57  
**Fluorene**  
 Concen: 37.97 ng  
 RT: 10.95 min Scan# 688  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-HC-001MSD

Tgt Ion:166 Resp: 251184  
 Ion Ratio Lower Upper  
 166 100  
 165 100.0 72.6 109.0  
 167 13.8 10.6 16.0

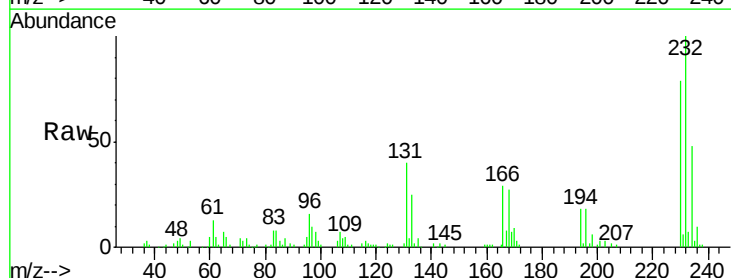


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 40.88 ng  
 RT: 10.72 min Scan# 668  
 Delta R.T. 0.00 min  
 Lab File: BF080041.D  
 Acq: 18 Jun 2015 00:23

Tgt Ion:232 Resp: 68624  
 Ion Ratio Lower Upper  
 232 100  
 131 42.8 38.5 57.7  
 130 2.1 1.8 2.6  
 166 29.6 25.0 37.6



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

