

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062515\  
 Data File : BF080178.D  
 Acq On : 25 Jun 2015 21:05  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jun 26 01:27:41 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 26 01:01:50 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.29  | 152  | 34552    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.58  | 136  | 136646   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.36 | 164  | 73287    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.86 | 188  | 149528   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.80 | 240  | 159381   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 16.65 | 264  | 157177   | 20.00 | ng    | -0.06    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.90  | 112 | 163941 | 83.99 | ng | 0.00  |
| 7) Phenol-d6             | 6.89  | 99  | 205360 | 79.06 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.85  | 82  | 209931 | 89.44 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 11.16 | 330 | 57926  | 80.83 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.66  | 172 | 372933 | 72.57 | ng | -0.01 |
| 78) Terphenyl-d14        | 13.53 | 244 | 523149 | 76.66 | ng | -0.01 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.13 | 88  | 30660  | 33.05 | ng | # 82   |
| 3) Pyridine                    | 3.96 | 79  | 111597 | 45.23 | ng | 86     |
| 4) n-Nitrosodimethylamine      | 3.88 | 42  | 46106  | 39.32 | ng | 91     |
| 6) Aniline                     | 6.95 | 93  | 154564 | 43.25 | ng | 95     |
| 8) 2-Chlorophenol              | 7.08 | 128 | 93004  | 41.23 | ng | 91     |
| 9) Benzaldehyde                | 6.84 | 77  | 49445  | 32.97 | ng | # 70   |
| 10) Phenol                     | 6.92 | 94  | 105011 | 37.05 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 7.01 | 93  | 81976  | 36.45 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 7.24 | 146 | 105831 | 39.05 | ng | # 91   |
| 13) 1,4-Dichlorobenzene        | 7.32 | 146 | 114629 | 44.47 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.32 | 146 | 114629 | 45.71 | ng | 98     |
| 15) Benzyl Alcohol             | 7.42 | 79  | 83501  | 39.32 | ng | # 75   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.57 | 45  | 143508 | 42.99 | ng | 83     |
| 17) 2-Methylphenol             | 7.53 | 107 | 73491  | 38.14 | ng | # 90   |
| 18) Hexachloroethane           | 7.82 | 117 | 36944  | 43.05 | ng | # 82   |
| 19) n-Nitroso-di-n-propylamine | 7.69 | 70  | 68374  | 37.92 | ng | # 76   |
| 20) 3+4-Methylphenols          | 7.68 | 107 | 103519 | 41.63 | ng | 91     |
| 22) Acetophenone               | 7.69 | 105 | 132115 | 41.49 | ng | # 83   |
| 24) Nitrobenzene               | 7.88 | 77  | 97197  | 40.12 | ng | # 78   |
| 25) Isophorone                 | 8.10 | 82  | 179961 | 38.10 | ng | # 84   |
| 26) 2-Nitrophenol              | 8.20 | 139 | 49450  | 48.76 | ng | # 78   |
| 27) 2,4-Dimethylphenol         | 8.22 | 122 | 88442  | 41.83 | ng | 87     |
| 28) bis(2-Chloroethoxy)methane | 8.31 | 93  | 110573 | 39.84 | ng | # 91   |
| 29) 2,4-Dichlorophenol         | 8.44 | 162 | 80637  | 44.53 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.53 | 180 | 95300  | 46.34 | ng | 100    |
| 31) Naphthalene                | 8.61 | 128 | 294477 | 41.22 | ng | 98     |
| 32) Benzoic acid               | 8.28 | 122 | 38311  | 29.97 | ng | # 64   |
| 33) 4-Chloroaniline            | 8.64 | 127 | 146626 | 47.96 | ng | # 84   |
| 34) Hexachlorobutadiene        | 8.73 | 225 | 51000  | 40.27 | ng | 100    |
| 35) Caprolactam                | 8.98 | 113 | 25511  | 43.40 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 9.11 | 107 | 77357  | 37.87 | ng | # 73   |
| 37) 2-Methylnaphthalene        | 9.30 | 142 | 202712 | 43.86 | ng | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.48 | 216 | 91229  | 42.78 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 9.46 | 237 | 37986  | 38.16 | ng | 97     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

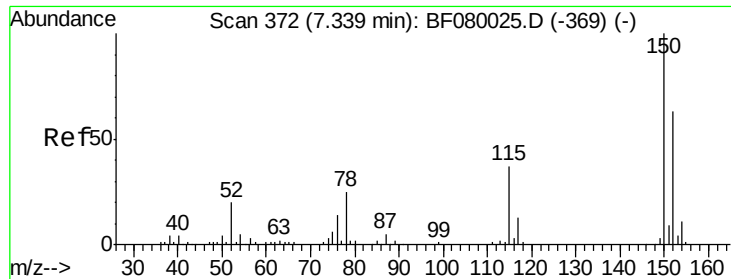
Instrument :  
 BNA\_F  
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Quant Time: Jun 26 01:27:41 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
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 QLast Update : Fri Jun 26 01:01:50 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.58  | 196  | 65359    | 45.04 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.61  | 196  | 64610    | 38.65 | ng #  | 93       |
| 45) 1,1'-Biphenyl              | 9.76  | 154  | 215460   | 36.13 | ng    | 91       |
| 46) 2-Chloronaphthalene        | 9.80  | 162  | 191852   | 39.65 | ng    | 94       |
| 47) 2-Nitroaniline             | 9.88  | 65   | 50997    | 38.40 | ng #  | 60       |
| 48) Acenaphthylene             | 10.22 | 152  | 331099   | 41.00 | ng    | 97       |
| 49) Dimethylphthalate          | 10.06 | 163  | 215581   | 39.13 | ng #  | 96       |
| 50) 2,6-Dinitrotoluene         | 10.12 | 165  | 43954    | 39.79 | ng #  | 51       |
| 51) Acenaphthene               | 10.39 | 154  | 189344   | 38.33 | ng    | 91       |
| 52) 3-Nitroaniline             | 10.29 | 138  | 50665    | 39.75 | ng #  | 53       |
| 53) 2,4-Dinitrophenol          | 10.40 | 184  | 18296    | 43.56 | ng #  | 1        |
| 54) Dibenzofuran               | 10.56 | 168  | 266498   | 38.02 | ng #  | 89       |
| 55) 4-Nitrophenol              | 10.44 | 139  | 44023    | 43.22 | ng #  | 69       |
| 56) 2,4-Dinitrotoluene         | 10.53 | 165  | 65869    | 46.99 | ng #  | 91       |
| 57) Fluorene                   | 10.92 | 166  | 220161   | 39.58 | ng    | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.68 | 232  | 53715    | 38.06 | ng    | 98       |
| 59) Diethylphthalate           | 10.76 | 149  | 202629   | 36.52 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.89 | 204  | 99211    | 37.12 | ng #  | 87       |
| 61) 4-Nitroaniline             | 10.90 | 138  | 53552    | 40.69 | ng #  | 51       |
| 62) Azobenzene                 | 11.05 | 77   | 218887   | 38.76 | ng    | 86       |
| 64) 4,6-Dinitro-2-methylphenol | 10.94 | 198  | 31818    | 43.73 | ng    | 96       |
| 65) n-Nitrosodiphenylamine     | 11.01 | 169  | 194803   | 40.01 | ng    | 93       |
| 66) 4-Bromophenyl-phenylether  | 11.40 | 248  | 60712    | 38.19 | ng #  | 85       |
| 67) Hexachlorobenzene          | 11.48 | 284  | 64310    | 36.40 | ng #  | 76       |
| 68) Atrazine                   | 11.53 | 200  | 57349    | 37.28 | ng    | 84       |
| 69) Pentachlorophenol          | 11.66 | 266  | 37729    | 37.68 | ng    | 98       |
| 70) Phenanthrene               | 11.89 | 178  | 355456   | 39.27 | ng    | 98       |
| 71) Anthracene                 | 11.94 | 178  | 335943   | 38.54 | ng    | 99       |
| 72) Carbazole                  | 12.09 | 167  | 315796   | 37.95 | ng    | 96       |
| 73) Di-n-butylphthalate        | 12.41 | 149  | 359382   | 37.38 | ng #  | 99       |
| 74) Fluoranthene               | 13.13 | 202  | 364848   | 37.84 | ng    | 93       |
| 76) Benzidine                  | 13.25 | 184  | 181834   | 40.82 | ng    | 98       |
| 77) Pyrene                     | 13.39 | 202  | 381782   | 38.91 | ng    | 97       |
| 79) Butylbenzylphthalate       | 14.07 | 149  | 154118   | 39.11 | ng #  | 73       |
| 80) Benzo(a)anthracene         | 14.78 | 228  | 377018   | 38.83 | ng    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 14.73 | 252  | 130629   | 39.01 | ng #  | 93       |
| 82) Chrysene                   | 14.83 | 228  | 358279   | 40.02 | ng    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 14.76 | 149  | 233579   | 37.50 | ng #  | 92       |
| 84) Di-n-octyl phthalate       | 15.56 | 149  | 396071   | 37.11 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.49 | 276  | 440861   | 39.05 | ng #  | 88       |
| 87) Benzo(b)fluoranthene       | 16.12 | 252  | 377822   | 39.70 | ng #  | 89       |
| 88) Benzo(k)fluoranthene       | 16.16 | 252  | 366365   | 37.81 | ng #  | 86       |
| 89) Benzo(a)pyrene             | 16.57 | 252  | 359897   | 39.82 | ng #  | 88       |
| 90) Dibenzo(a,h)anthracene     | 18.51 | 278  | 356154   | 38.50 | ng #  | 83       |
| 91) Benzo(g,h,i)perylene       | 19.04 | 276  | 360733   | 38.62 | ng #  | 75       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

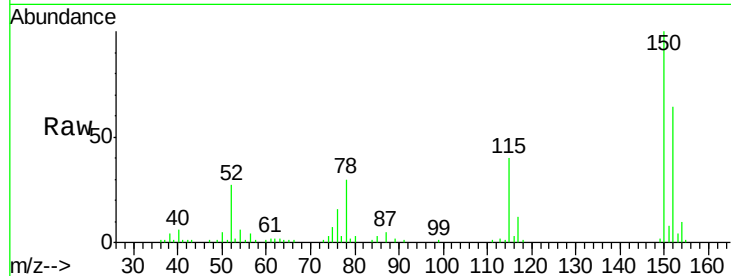
Tgt Ion:152 Resp: 34552

Ion Ratio Lower Upper

152 100

150 157.3 124.7 187.1

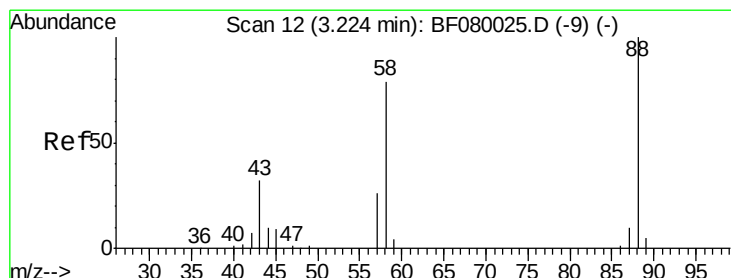
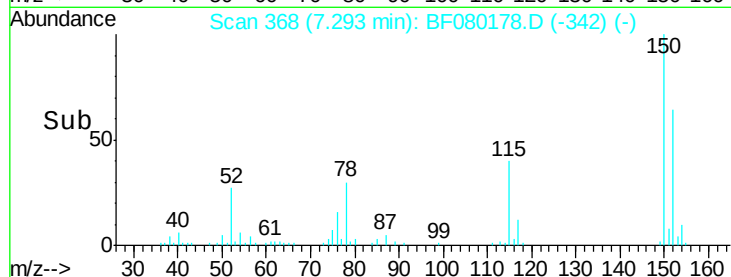
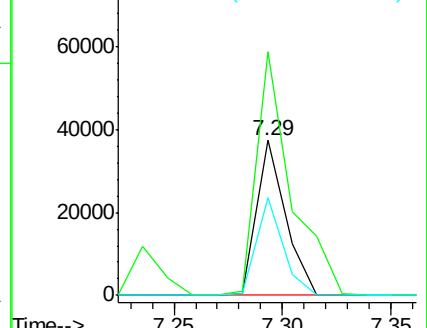
115 63.4 39.0 58.4#



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: 33.05 ng

RT: 3.13 min Scan# 4

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

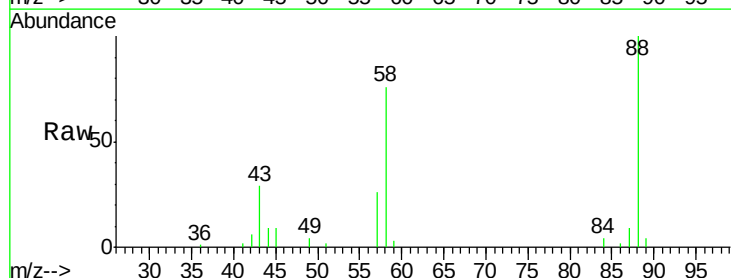
Tgt Ion: 88 Resp: 30660

Ion Ratio Lower Upper

88 100

58 74.4 77.7 116.5#

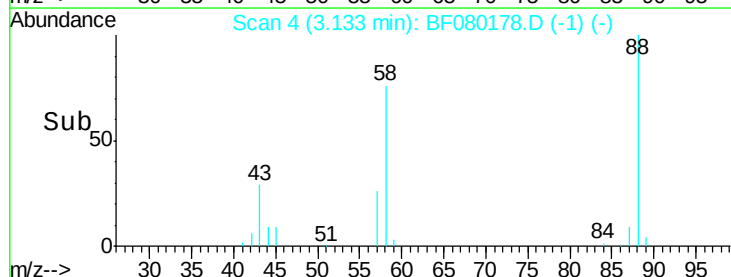
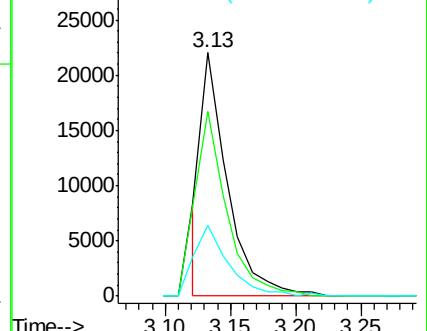
43 31.1 26.6 40.0

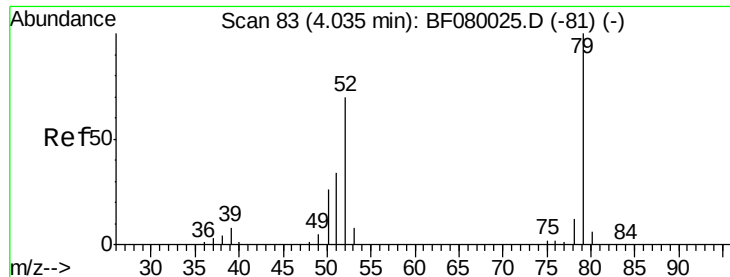


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.23 ng

RT: 3.96 min Scan# 76

Delta R.T. -0.01 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

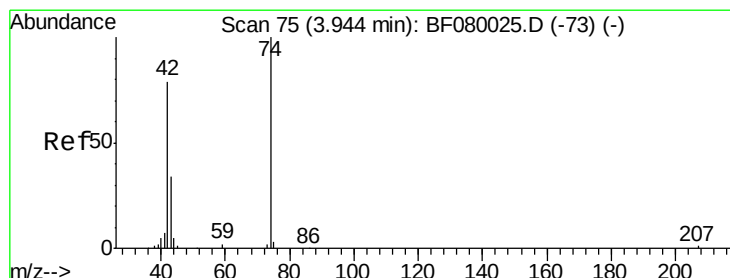
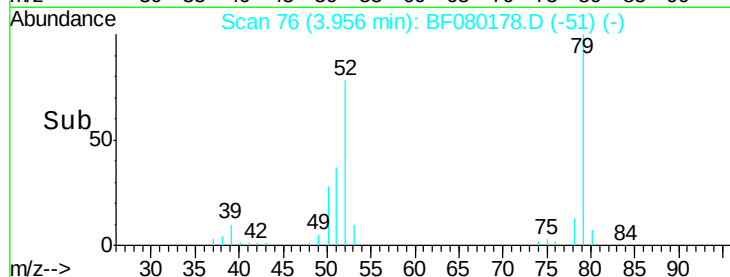
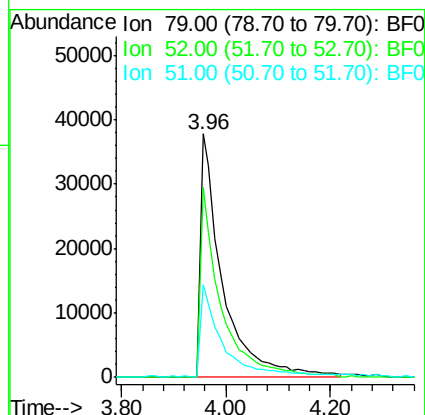
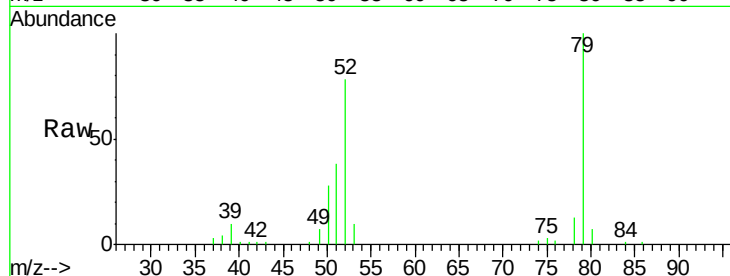
Tgt Ion: 79 Resp: 111597

Ion Ratio Lower Upper

79 100

52 78.0 76.8 115.2

51 38.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 39.32 ng

RT: 3.88 min Scan# 69

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

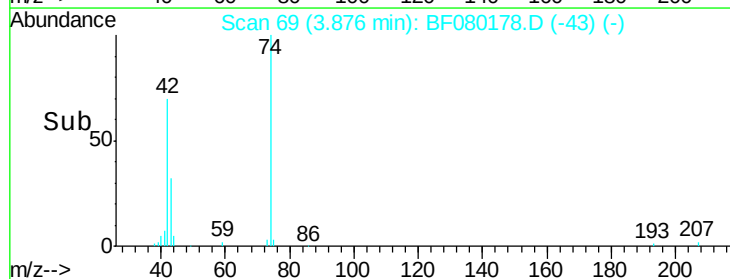
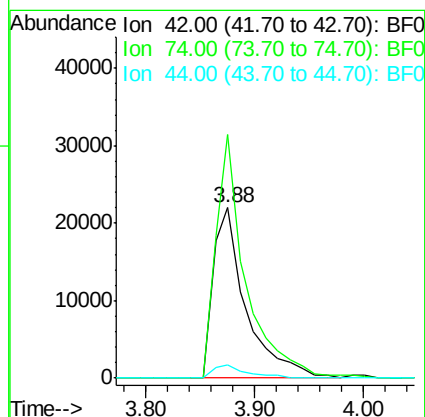
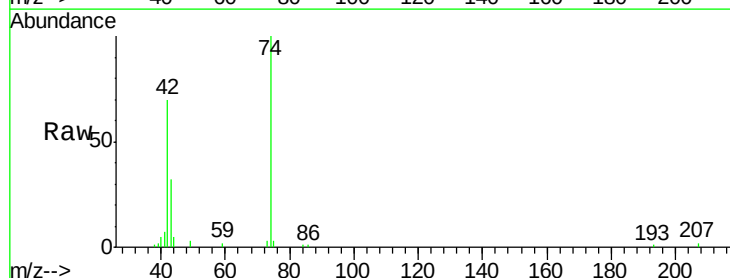
Tgt Ion: 42 Resp: 46106

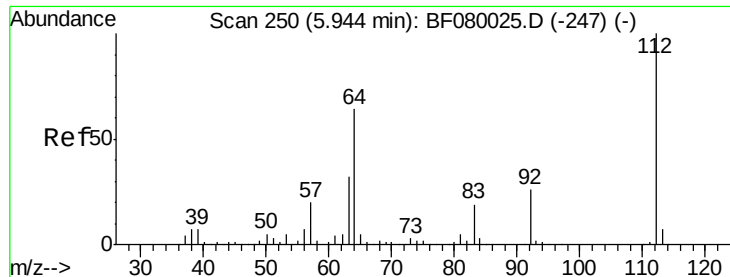
Ion Ratio Lower Upper

42 100

74 142.9 105.0 157.6

44 7.4 6.6 10.0





#5

2-Fluorophenol

Concen: 83.99 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

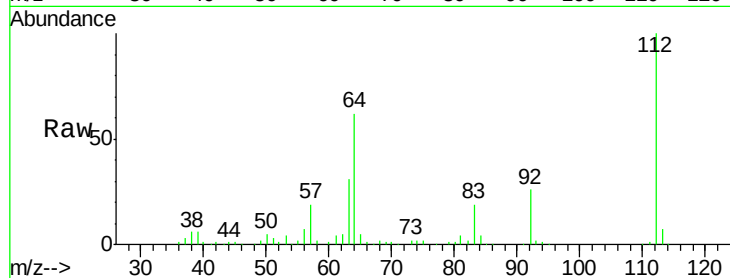
Tgt Ion: 112 Resp: 163941

Ion Ratio Lower Upper

112 100

64 62.2 39.7 59.5#

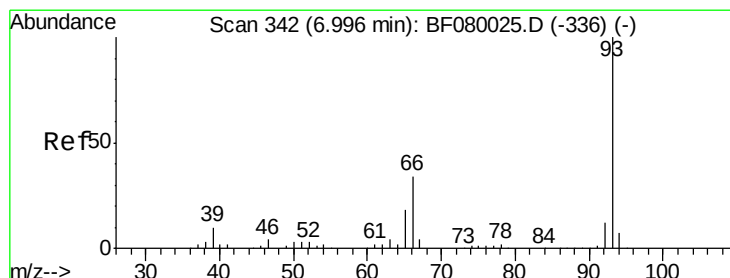
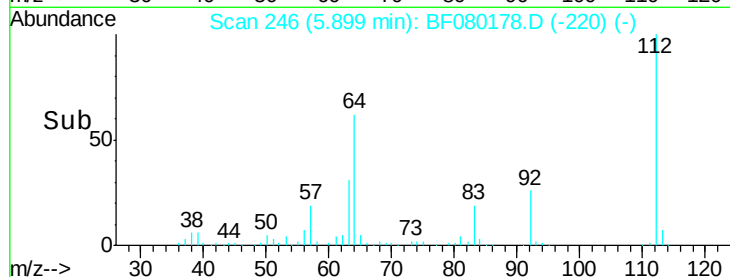
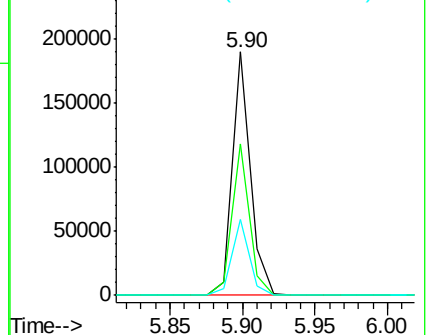
63 31.3 17.4 26.0#



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: 43.25 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

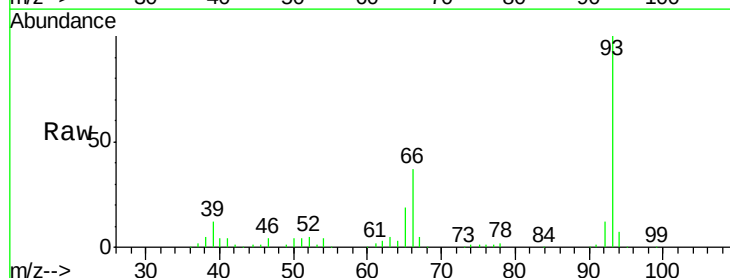
Tgt Ion: 93 Resp: 154564

Ion Ratio Lower Upper

93 100

66 37.3 27.2 40.8

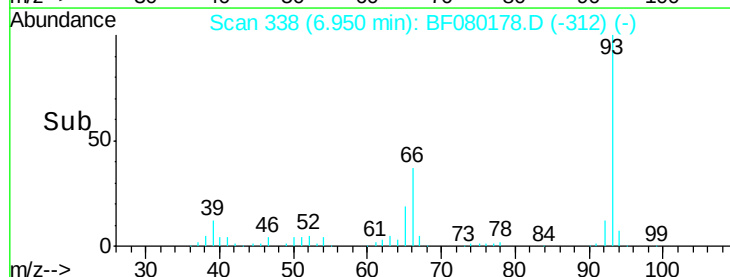
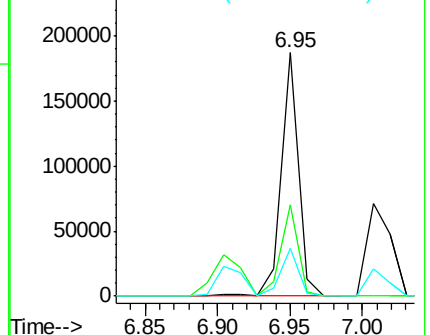
65 19.5 14.7 22.1

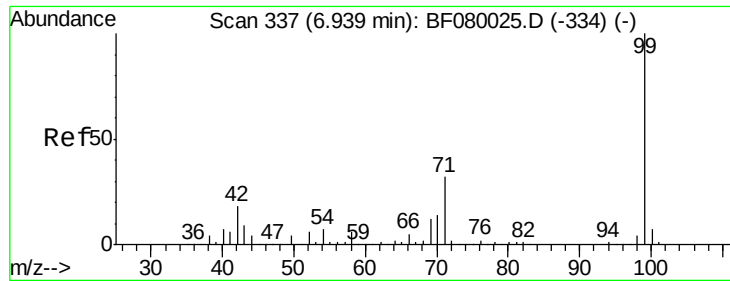


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.06 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

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ClientSampleId :

SSTDCCC040EC

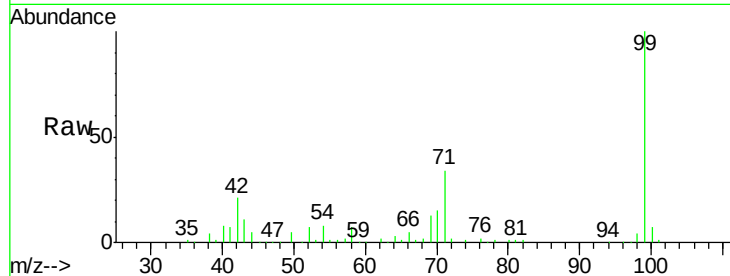
Tgt Ion: 99 Resp: 205360

Ion Ratio Lower Upper

99 100

42 21.1 13.7 20.5#

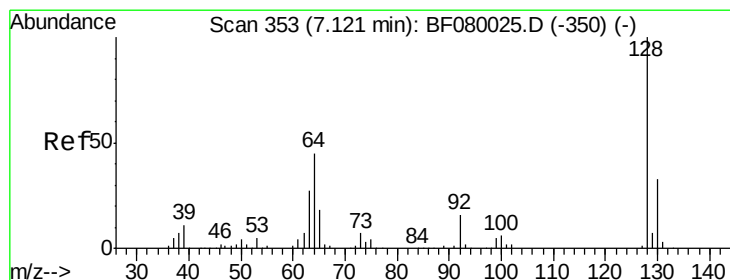
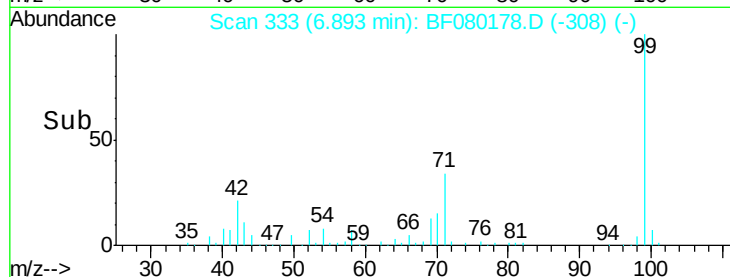
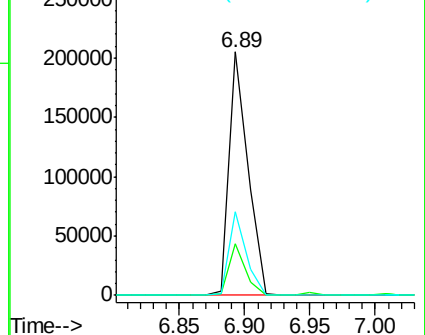
71 34.3 14.2 21.2#



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: 41.23 ng

RT: 7.08 min Scan# 349

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

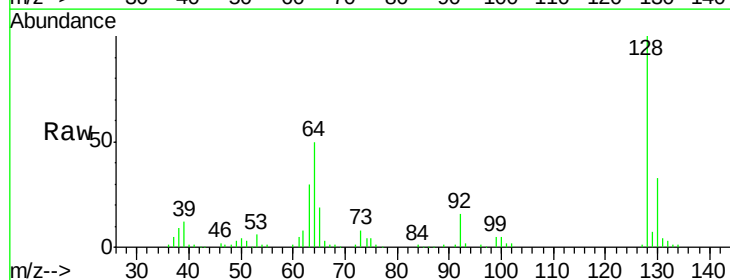
Tgt Ion: 128 Resp: 93004

Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

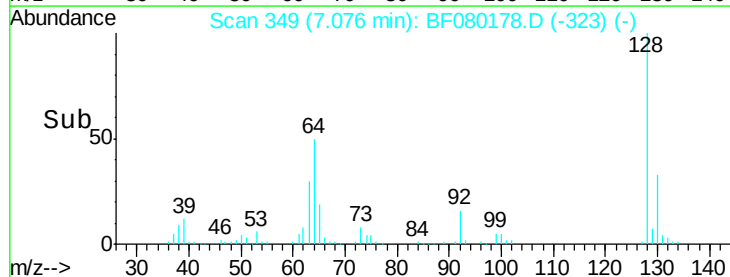
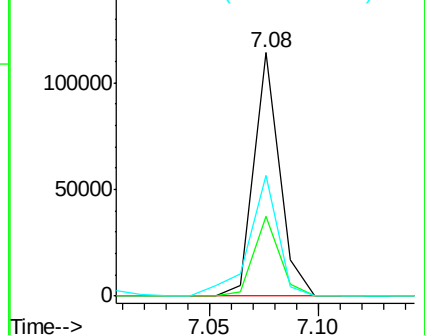
64 49.7 20.5 60.5



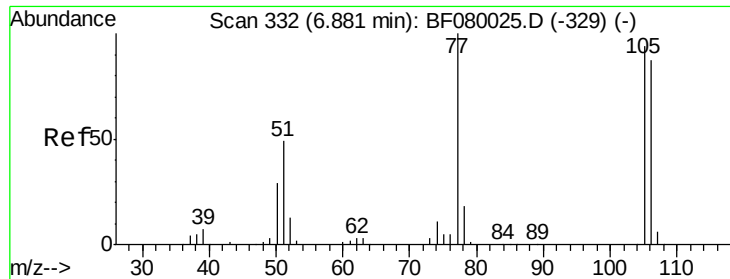
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 32.97 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

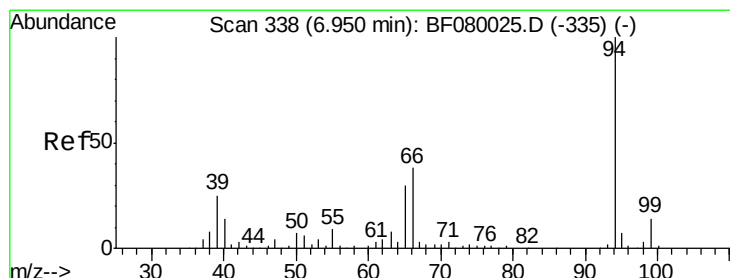
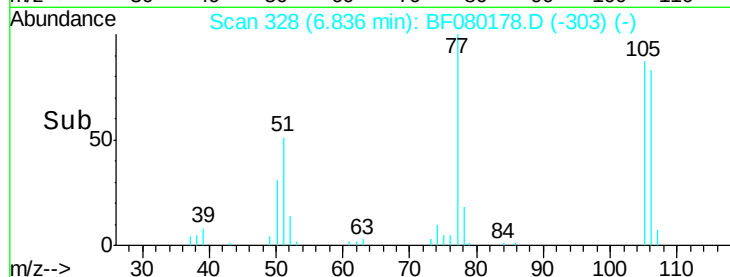
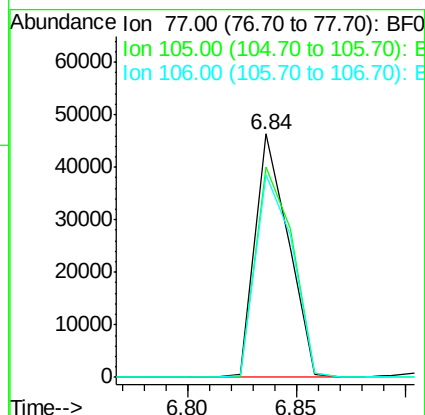
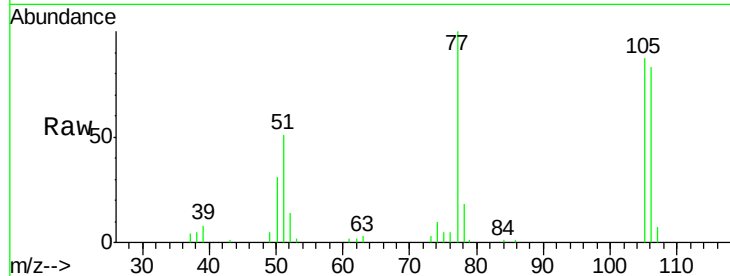
Tgt Ion: 77 Resp: 49445

Ion Ratio Lower Upper

77 100

105 86.5 91.6 131.6#

106 83.1 102.6 142.6#



#10

Phenol

Concen: 37.05 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

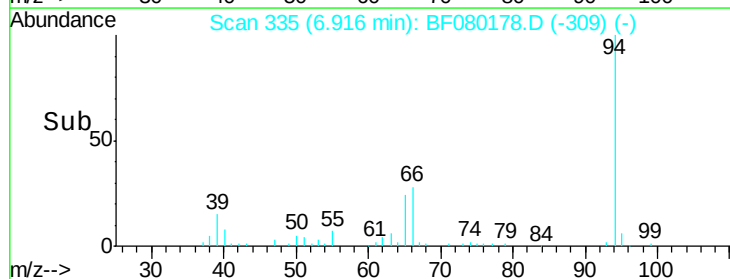
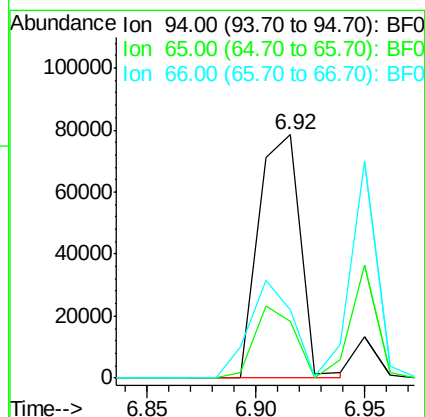
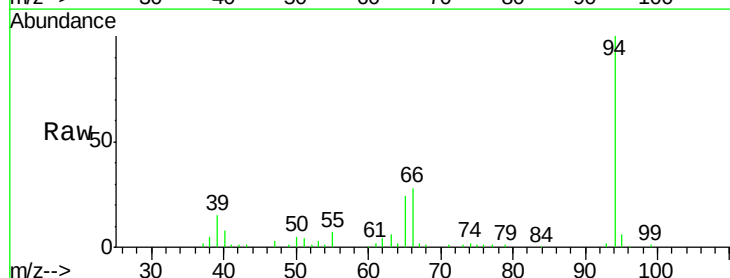
Tgt Ion: 94 Resp: 105011

Ion Ratio Lower Upper

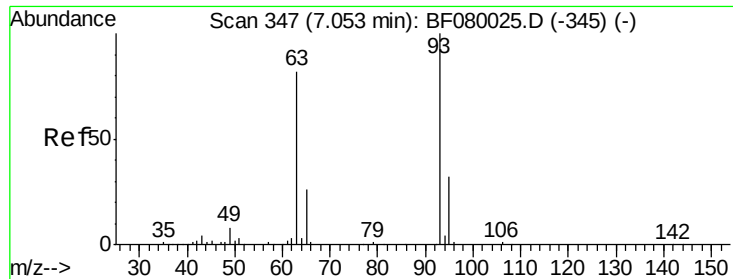
94 100

65 23.5 0.7 40.7

66 27.8 0.8 40.8



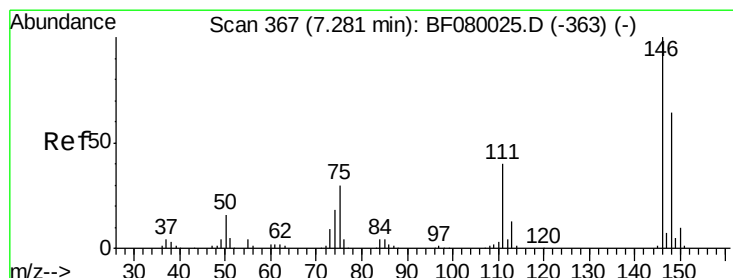
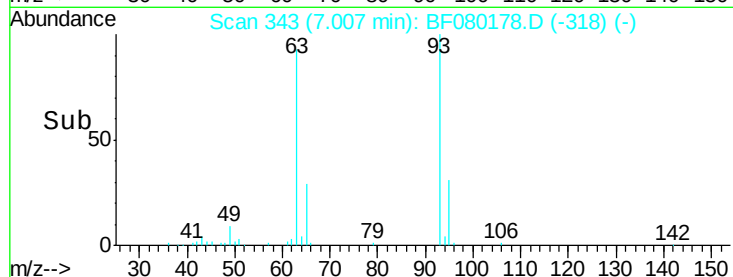
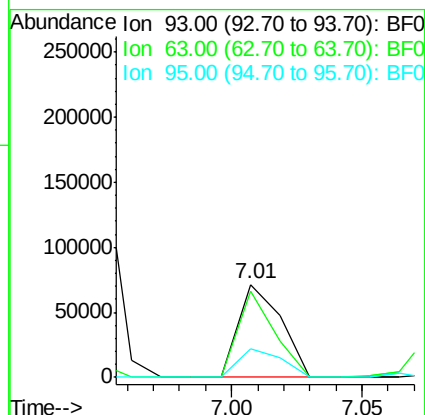
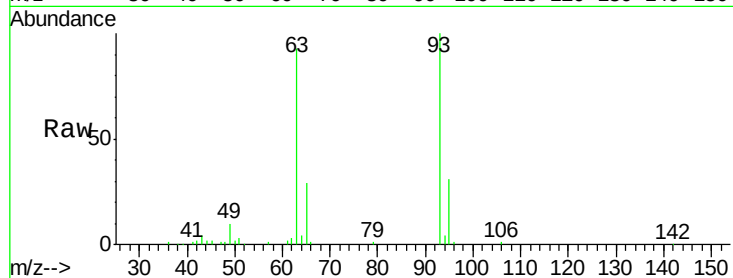




#11  
bis(2-Chloroethyl)ether  
Concen: 36.45 ng  
RT: 7.01 min Scan# 343  
Delta R.T. -0.01 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

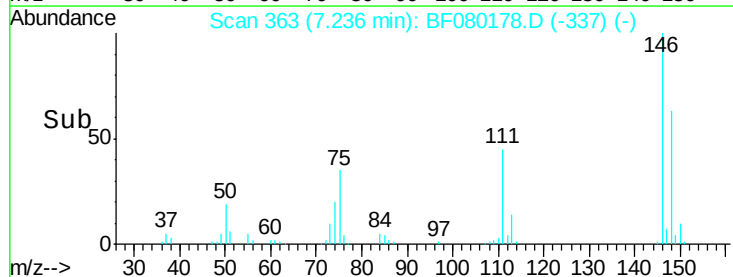
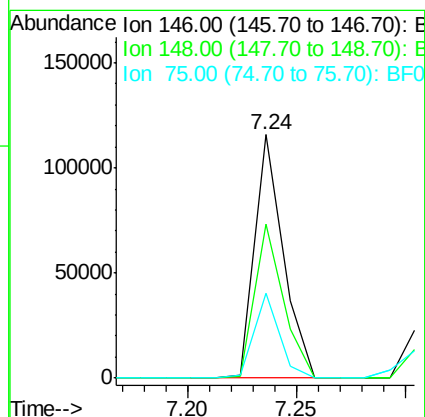
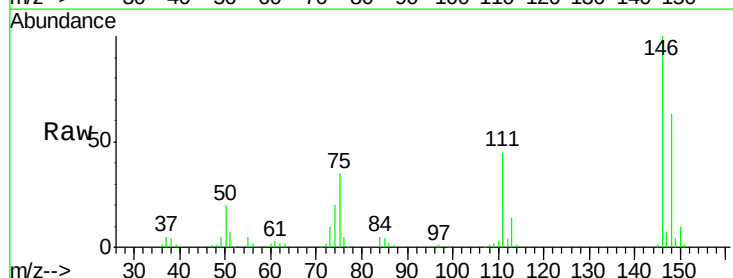
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

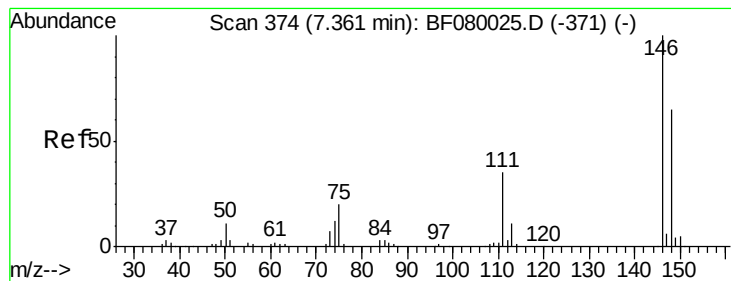
Tgt Ion: 93 Resp: 81976  
Ion Ratio Lower Upper  
93 100  
63 93.5 65.6 105.6  
95 31.4 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 39.05 ng  
RT: 7.24 min Scan# 363  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Tgt Ion: 146 Resp: 105831  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.0 76.4  
75 35.0 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 44.47 ng

RT: 7.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

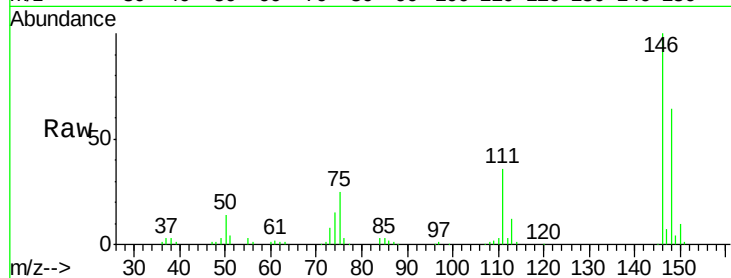
Tgt Ion:146 Resp: 114629

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

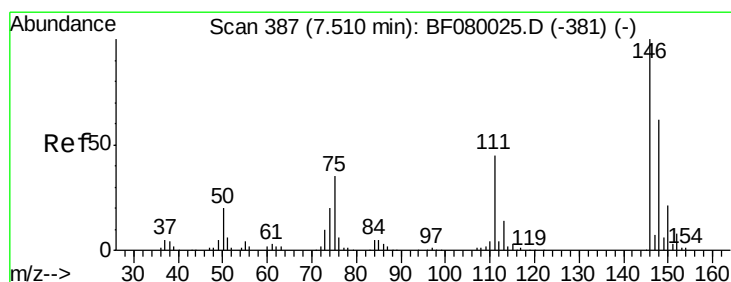
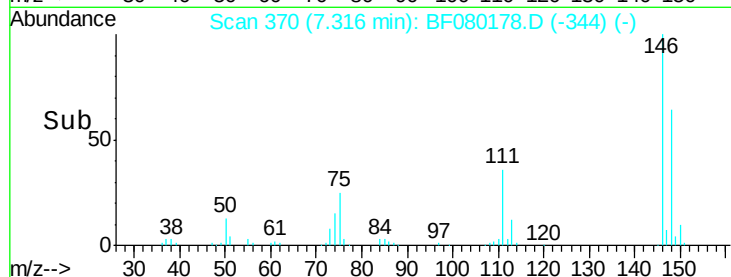
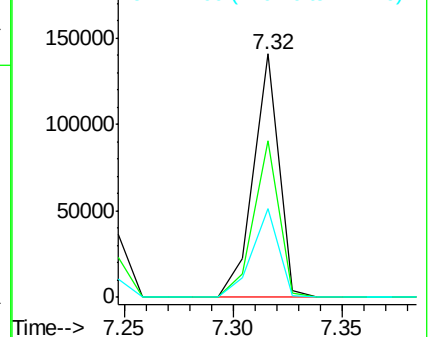
111 36.5 24.9 37.3



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: 45.71 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.16 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

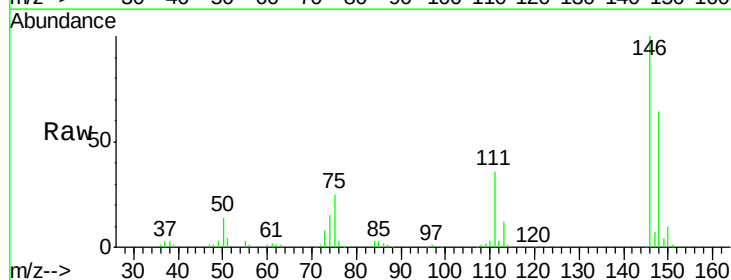
Tgt Ion:146 Resp: 114629

Ion Ratio Lower Upper

146 100

148 64.3 52.7 79.1

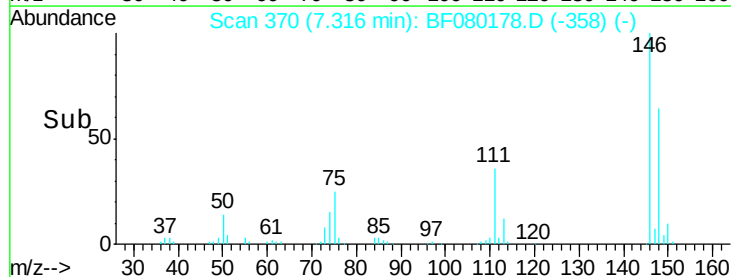
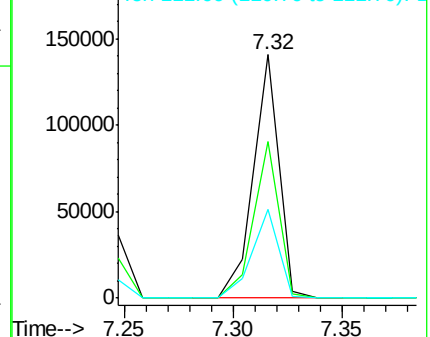
111 36.5 28.8 43.2

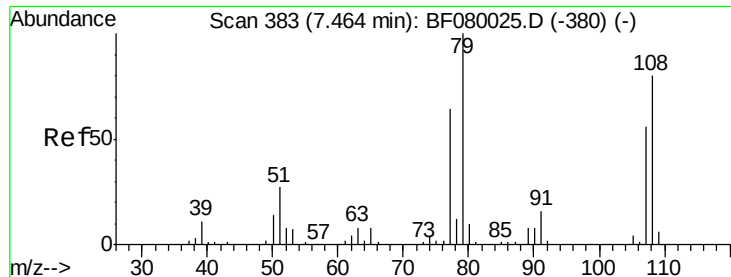


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.32 ng

RT: 7.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

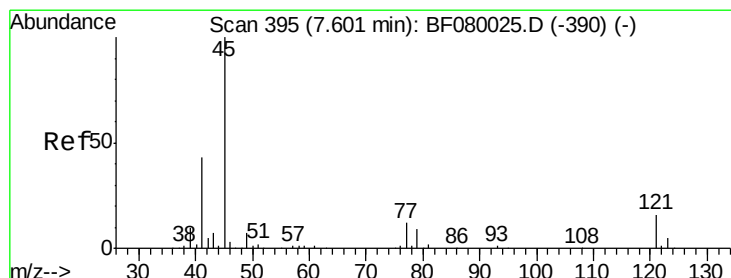
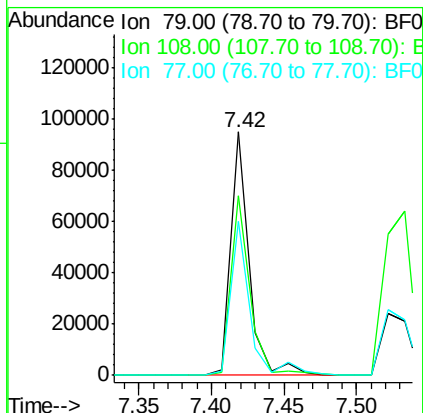
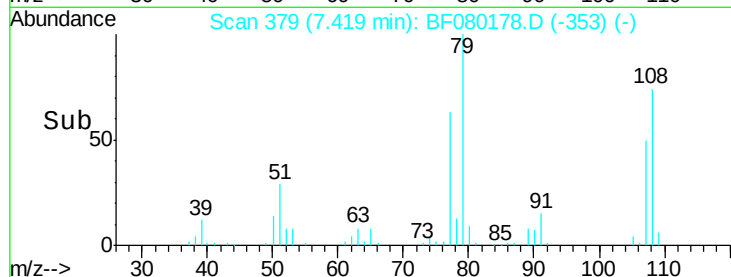
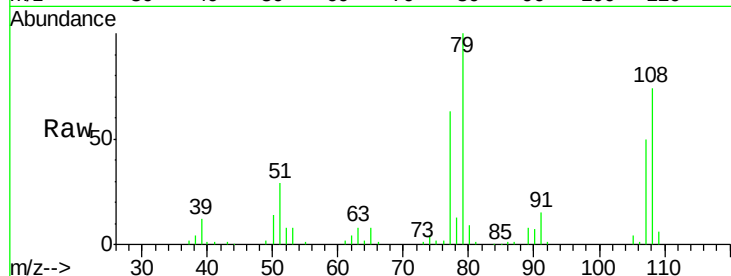
Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 83501  
 Ion Ratio Lower Upper  
 79 100  
 108 74.0 88.6 132.8#  
 77 63.2 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.99 ng

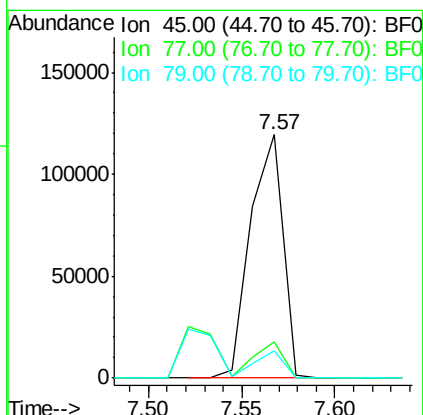
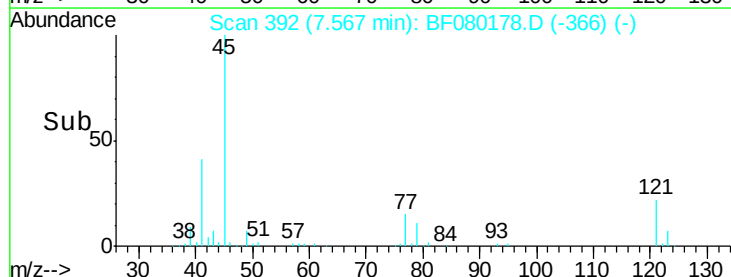
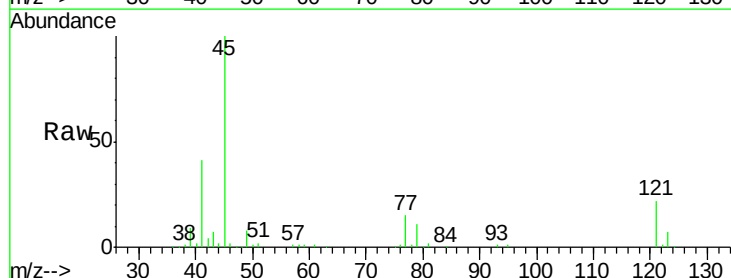
RT: 7.57 min Scan# 392

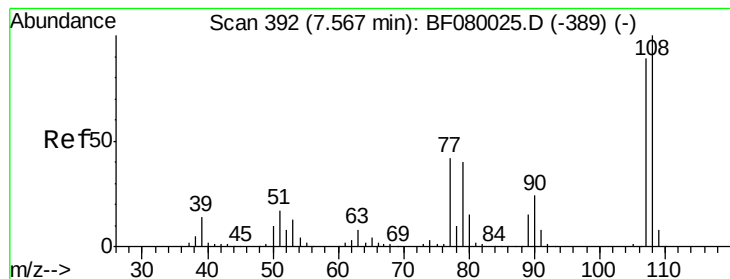
Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Tgt Ion: 45 Resp: 143508  
 Ion Ratio Lower Upper  
 45 100  
 77 14.6 0.0 28.1  
 79 11.3 0.0 26.0





#17

2-Methylphenol

Concen: 38.14 ng

RT: 7.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 73491

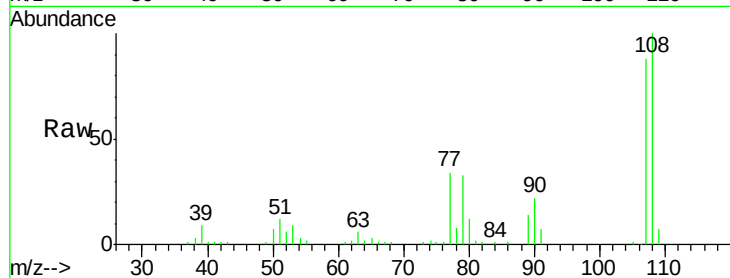
Ion Ratio Lower Upper

107 100

108 113.9 96.6 145.0

77 38.2 23.3 34.9#

79 37.4 22.0 33.0#

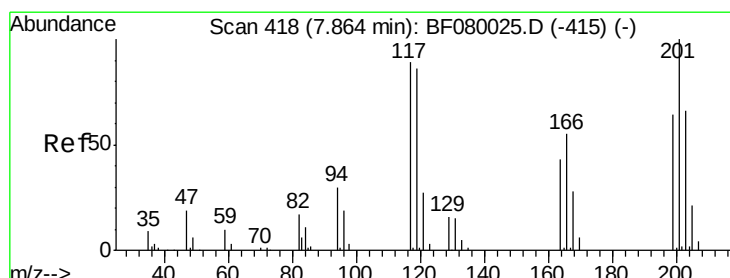
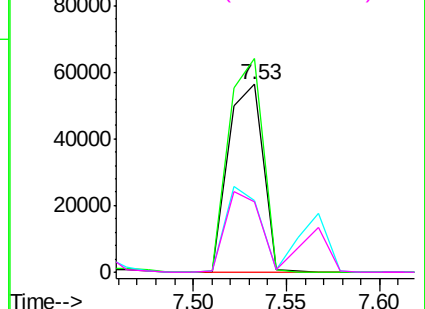
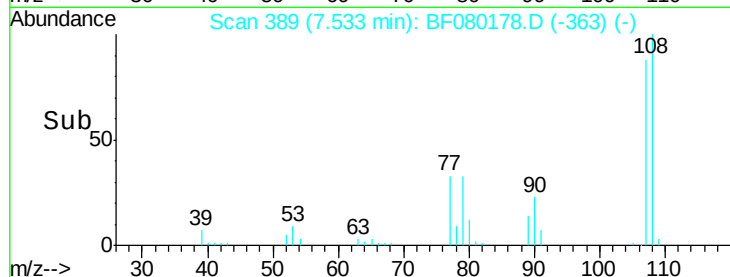


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.05 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

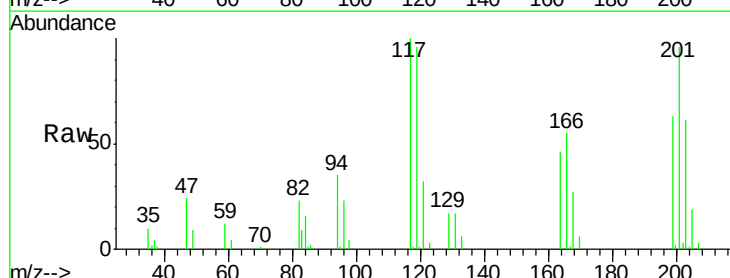
Tgt Ion:117 Resp: 36944

Ion Ratio Lower Upper

117 100

119 96.5 83.8 125.6

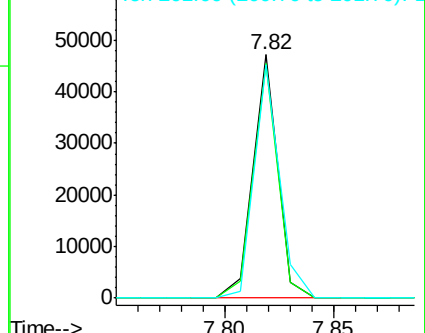
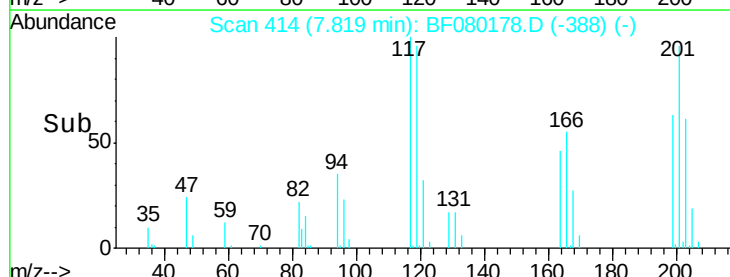
201 95.7 55.1 82.7#

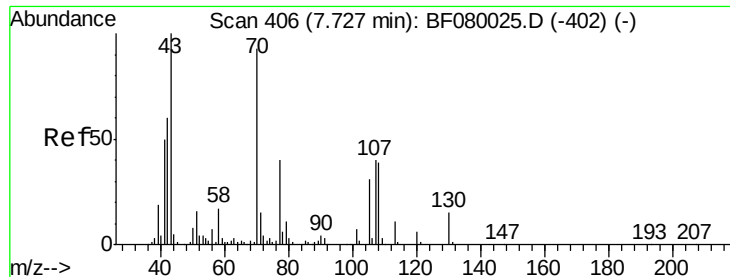


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

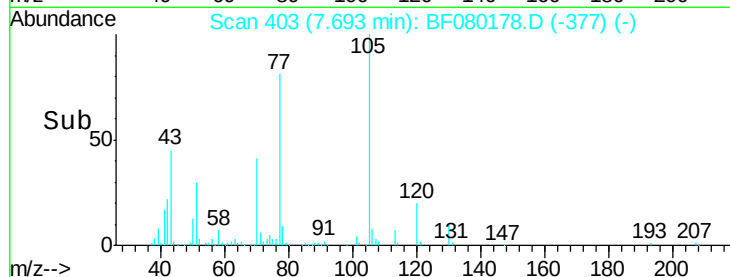
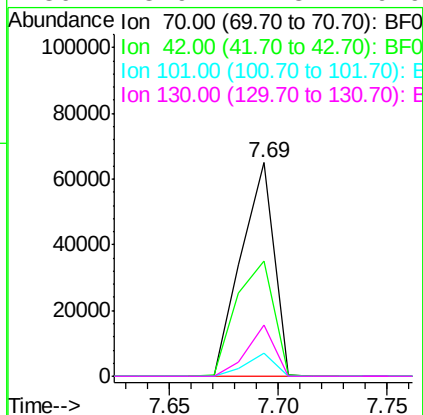
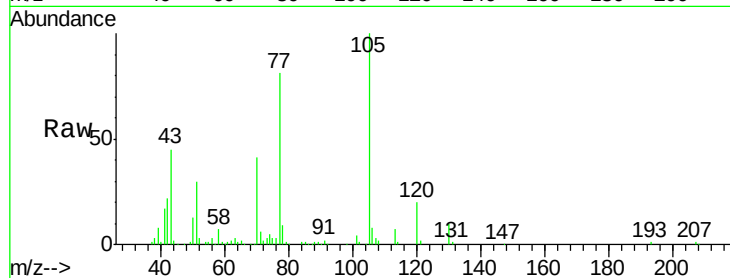




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.92 ng  
RT: 7.69 min Scan# 403  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

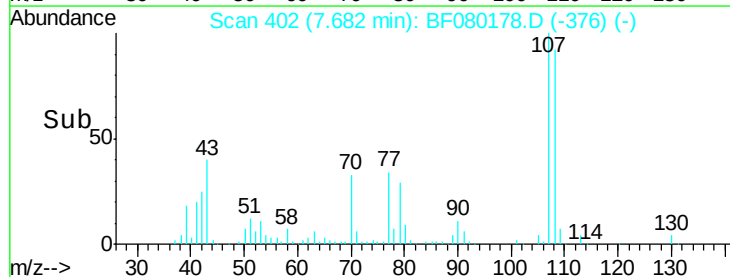
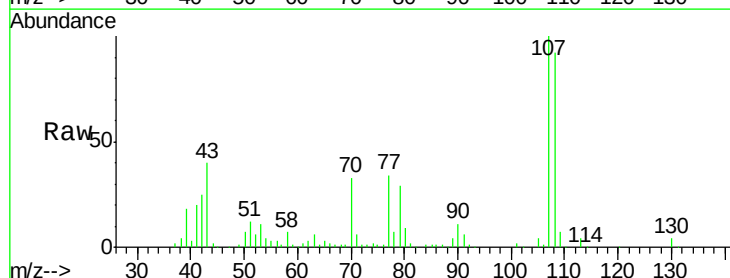
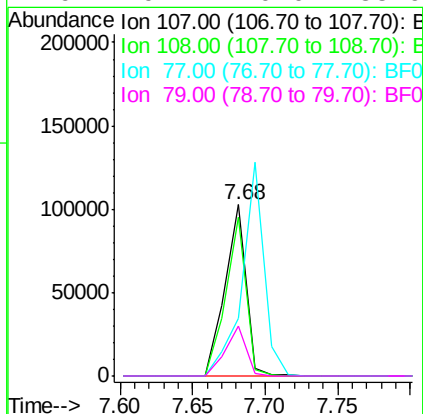
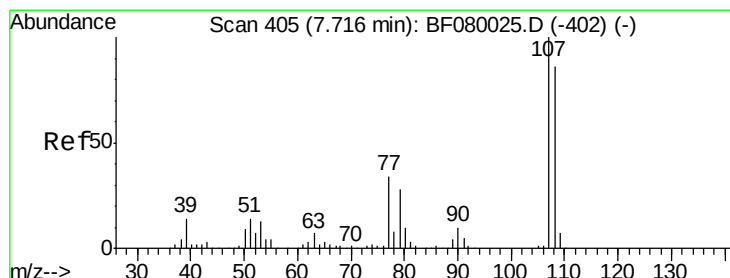
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

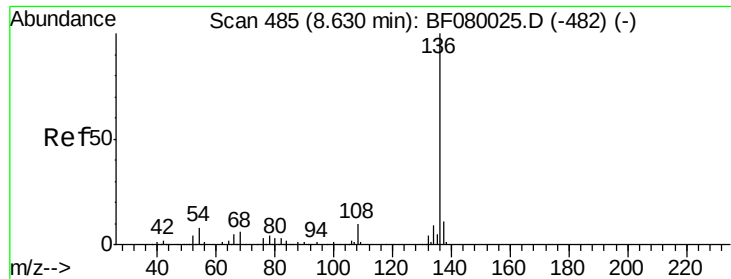
Tgt Ion: 70 Resp: 68374  
Ion Ratio Lower Upper  
70 100  
42 54.0 63.8 95.6#  
101 10.6 9.2 13.8  
130 23.9 27.3 40.9#



#20  
3+4-Methylphenols  
Concen: 41.63 ng  
RT: 7.68 min Scan# 402  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Tgt Ion: 107 Resp: 103519  
Ion Ratio Lower Upper  
107 100  
108 92.5 74.6 114.6  
77 33.9 0.7 40.7  
79 29.4 0.0 38.9

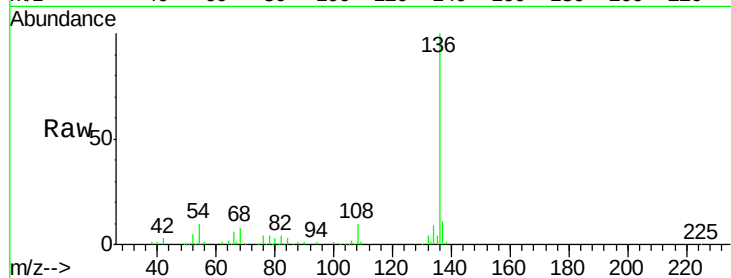




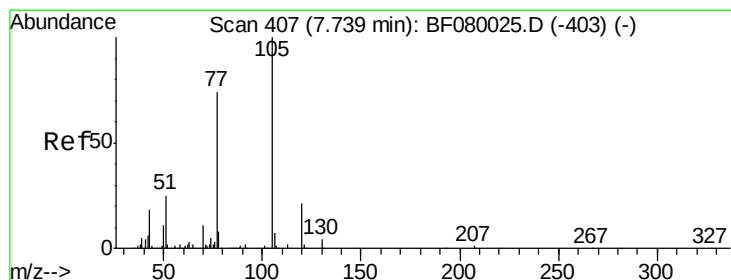
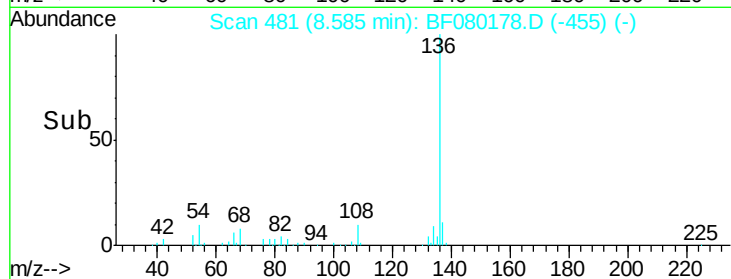
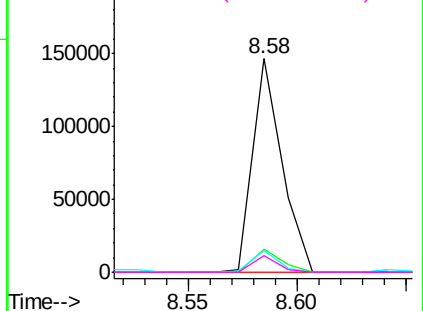
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.58 min Scan# 481  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 136646 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 9.0   | 13.6   |
| 54       | 10.2  | 8.2   | 12.2   |
| 68       | 7.5   | 5.8   | 8.6    |

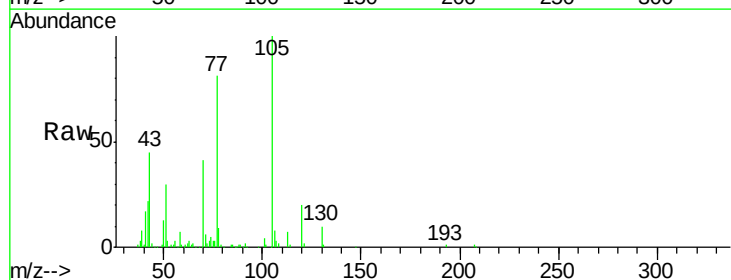


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

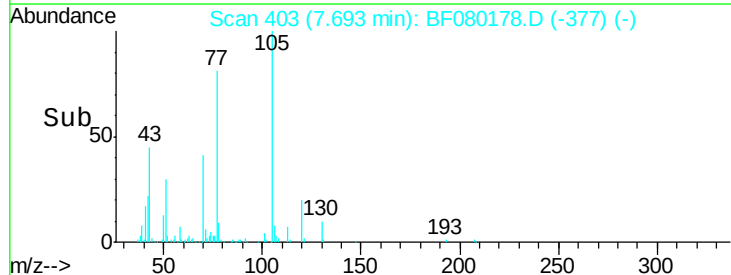
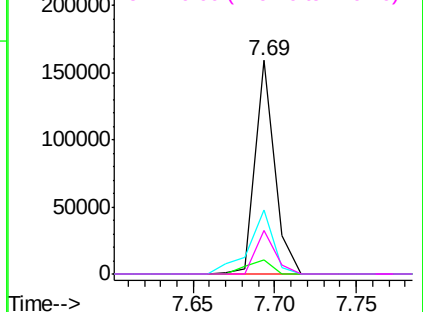


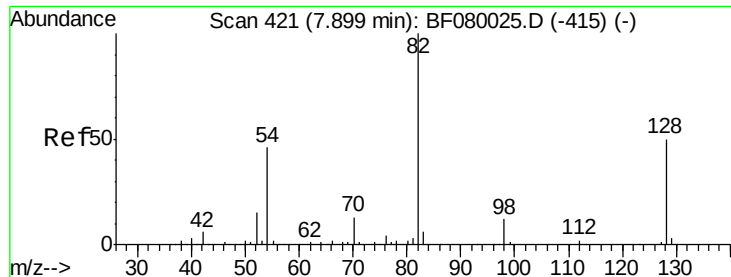
#22  
Acetophenone  
Concen: 41.49 ng  
RT: 7.69 min Scan# 403  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 132115 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.4   | 4.7   | 7.1    |
| 51       | 29.9  | 22.0  | 33.0   |
| 120      | 20.5  | 30.1  | 45.1#  |



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

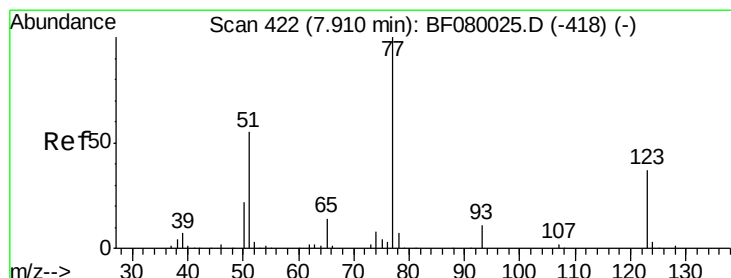
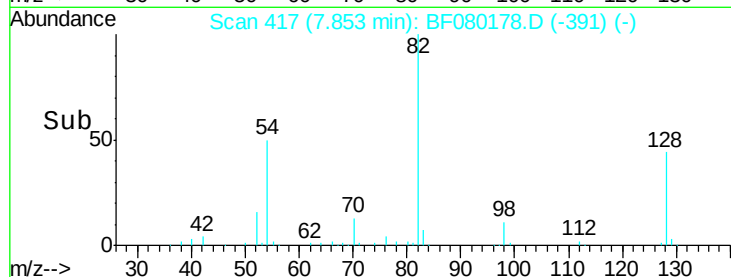
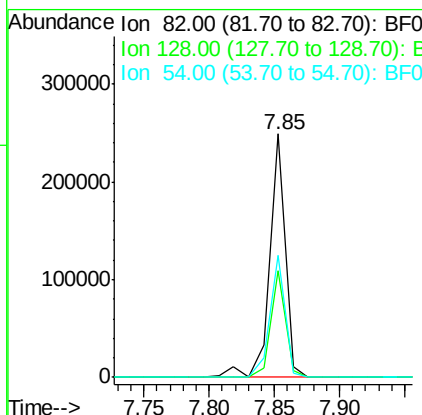
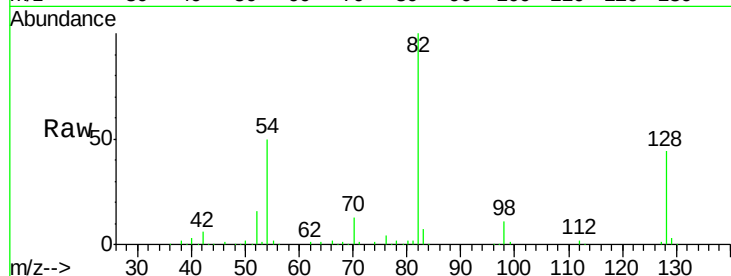




#23  
 Nitrobenzene-d5  
 Concen: 89.44 ng  
 RT: 7.85 min Scan# 417  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

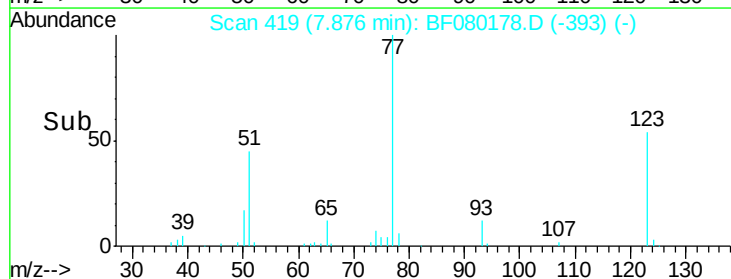
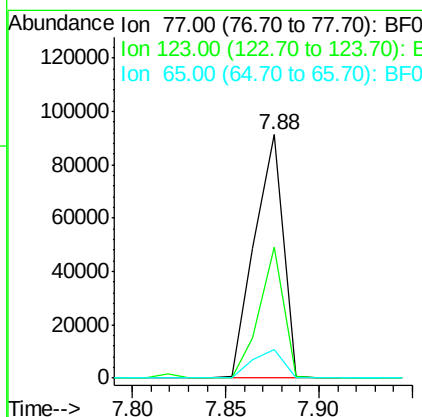
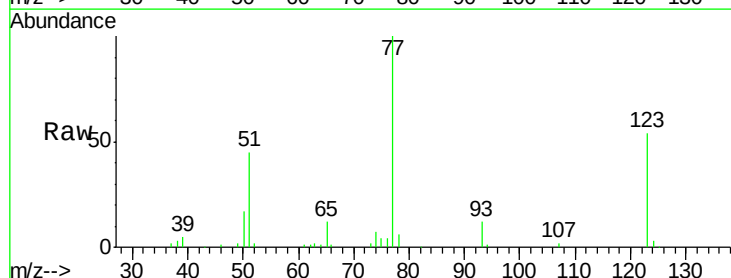
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.7  | 51.0  | 76.6# |
| 54      | 50.1  | 47.5  | 71.3  |

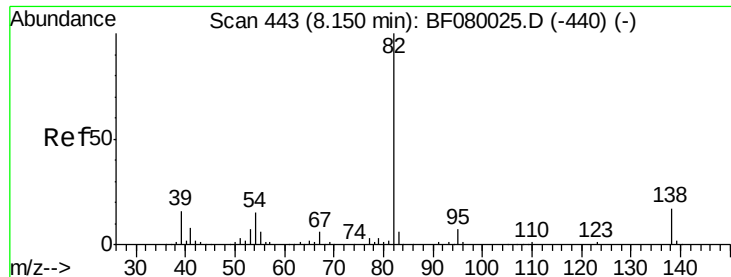


#24  
 Nitrobenzene  
 Concen: 40.12 ng  
 RT: 7.88 min Scan# 419  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 53.6  | 59.8  | 89.8# |
| 65      | 12.0  | 10.2  | 15.4  |







#25

Isophorone

Concen: 38.10 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

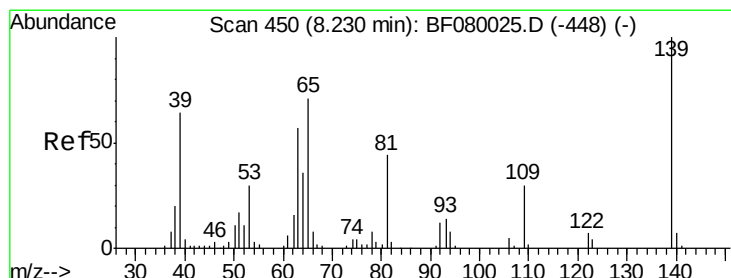
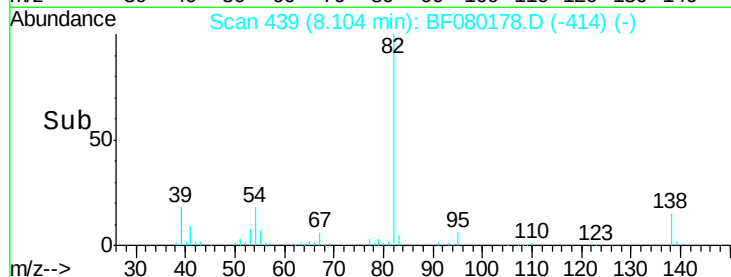
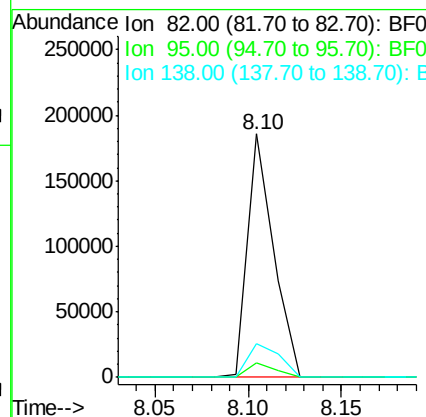
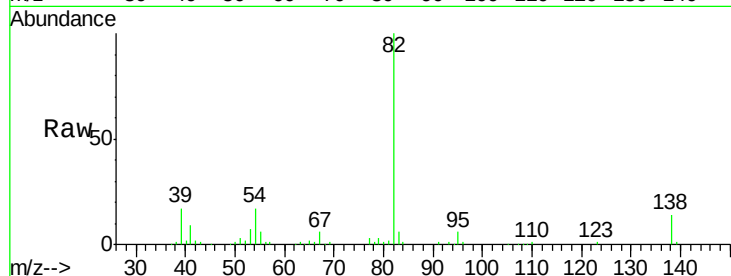
Tgt Ion: 82 Resp: 179961

Ion Ratio Lower Upper

82 100

95 6.0 4.0 6.0

138 13.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 48.76 ng

RT: 8.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

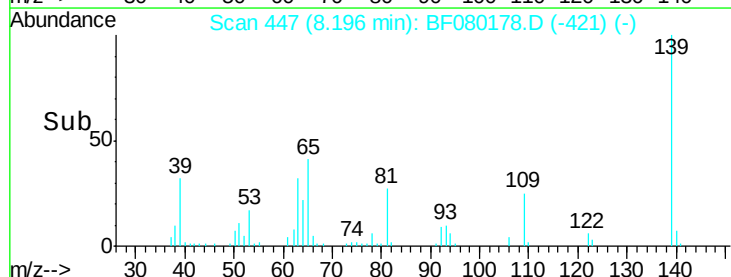
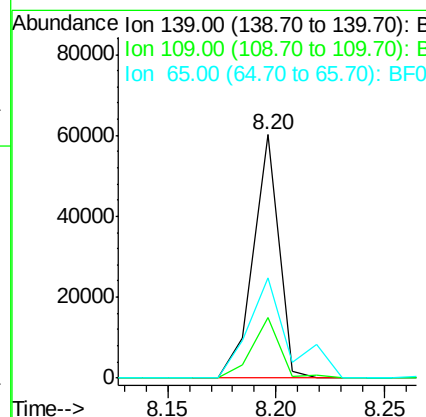
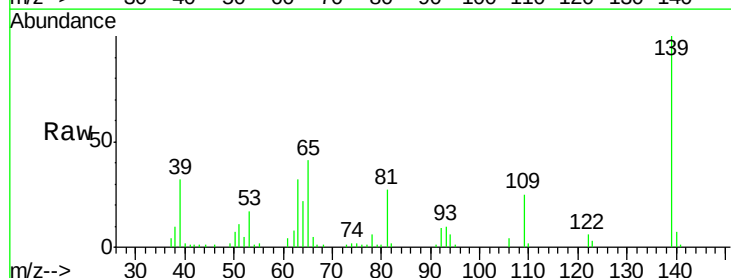
Tgt Ion: 139 Resp: 49450

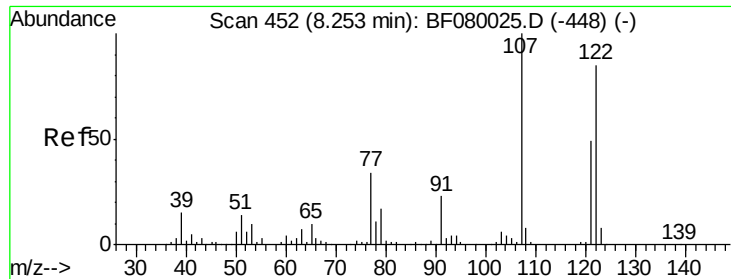
Ion Ratio Lower Upper

139 100

109 25.1 11.0 16.4#

65 41.4 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 41.83 ng

RT: 8.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

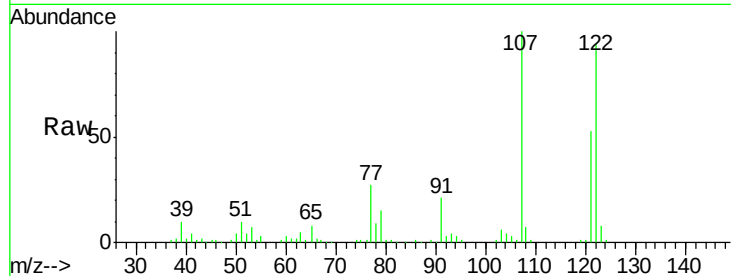
Tgt Ion: 122 Resp: 88442

Ion Ratio Lower Upper

122 100

107 106.3 71.8 107.6

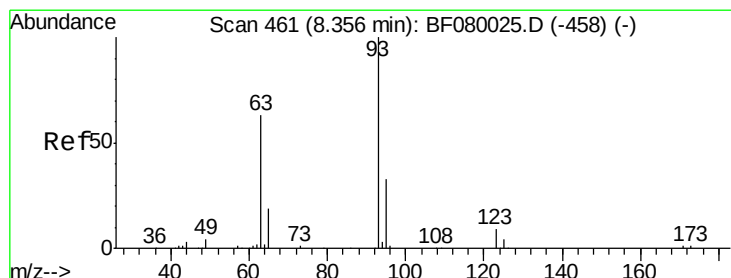
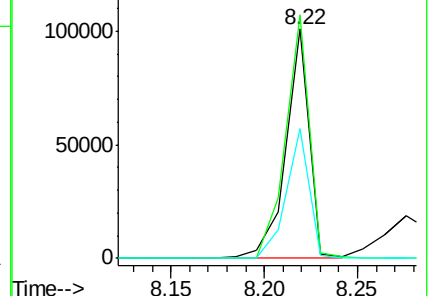
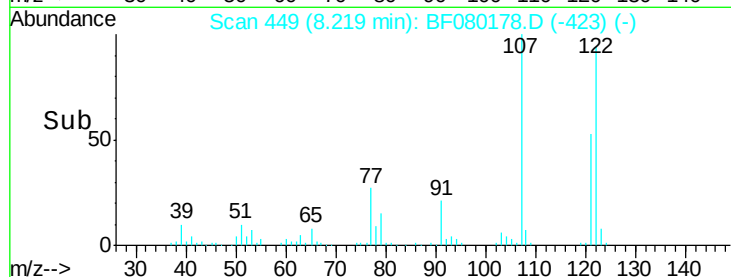
121 56.6 42.3 63.5



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: 39.84 ng

RT: 8.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

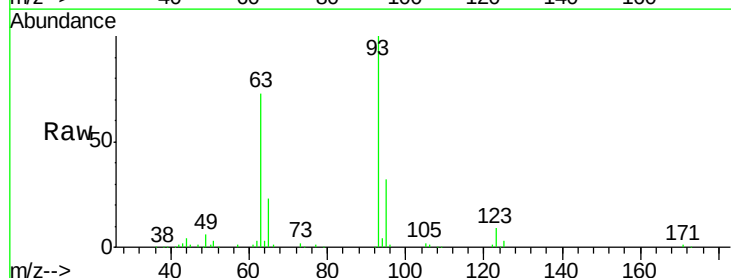
Tgt Ion: 93 Resp: 110573

Ion Ratio Lower Upper

93 100

95 32.1 27.5 41.3

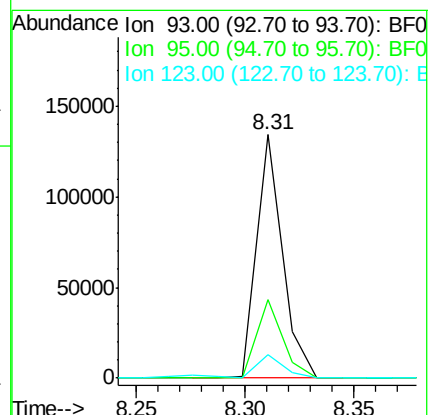
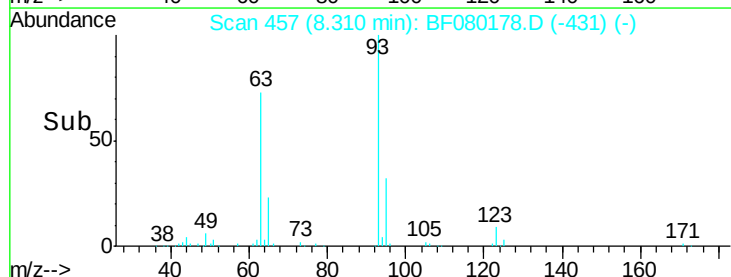
123 9.5 13.7 20.5#

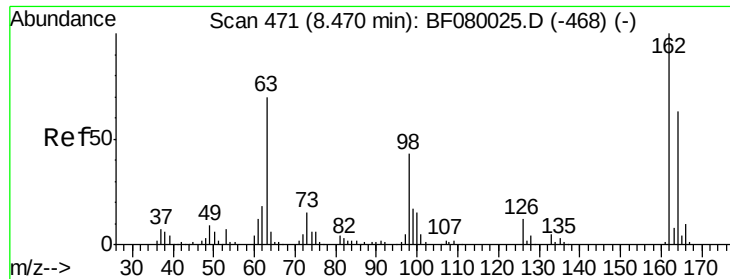


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

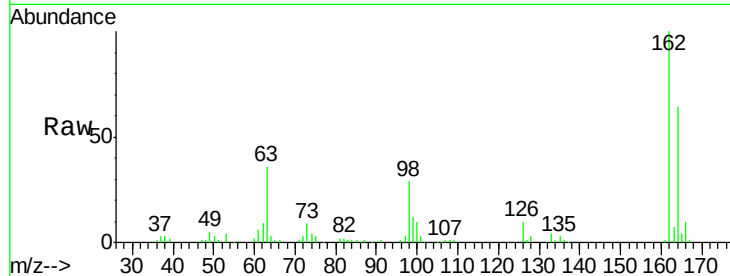




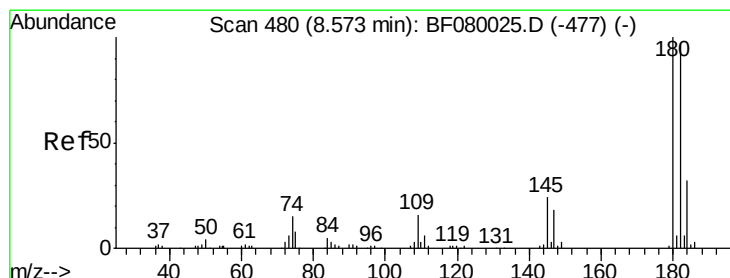
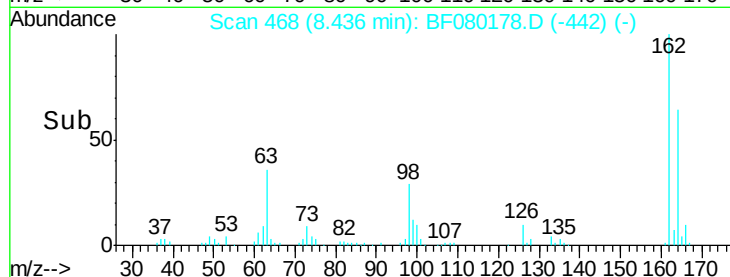
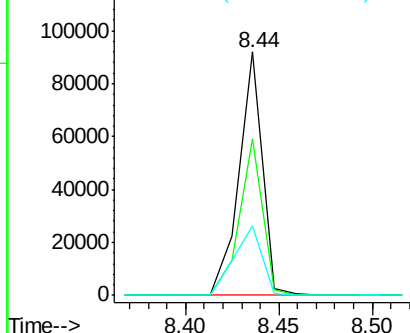
#29  
 2,4-Dichlorophenol  
 Concen: 44.53 ng  
 RT: 8.44 min Scan# 468  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:162 Resp: 80637  
 Ion Ratio Lower Upper  
 162 100  
 164 64.4 44.9 84.9  
 98 28.8 13.0 53.0

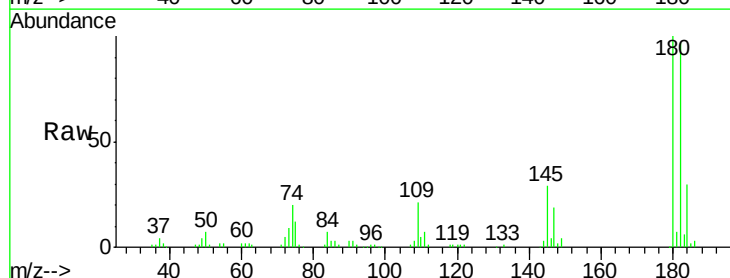


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

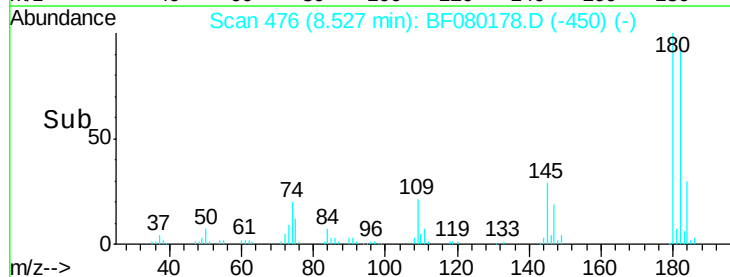
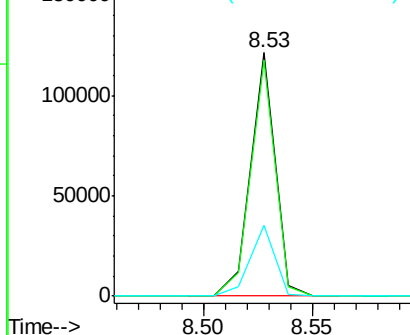


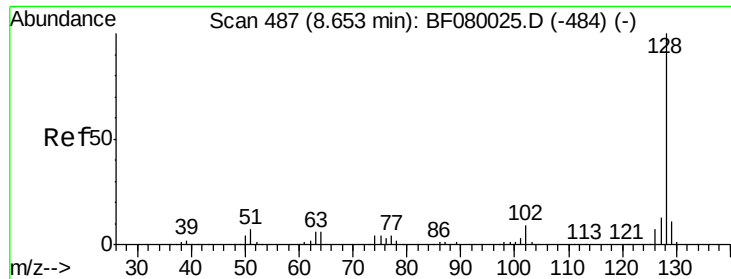
#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.34 ng  
 RT: 8.53 min Scan# 476  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Tgt Ion:180 Resp: 95300  
 Ion Ratio Lower Upper  
 180 100  
 182 96.8 77.1 115.7  
 145 29.1 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

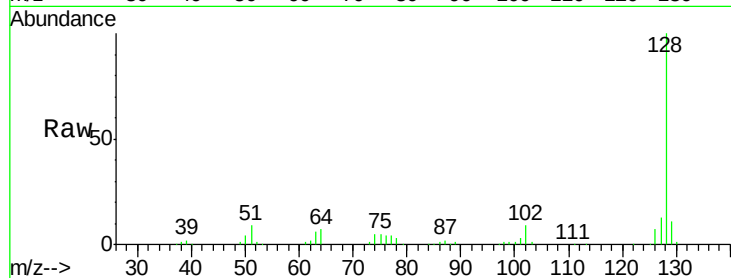




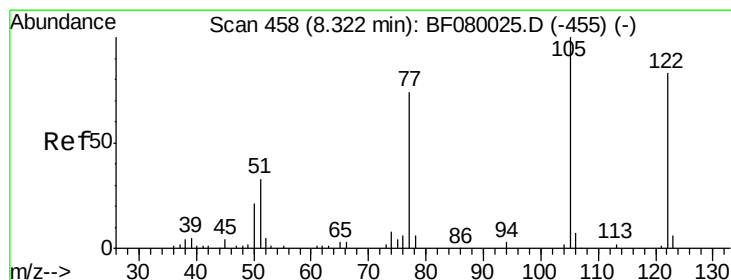
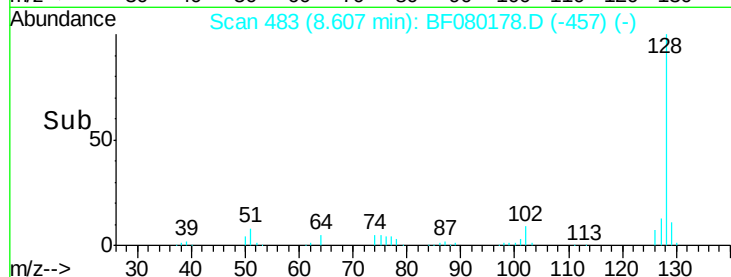
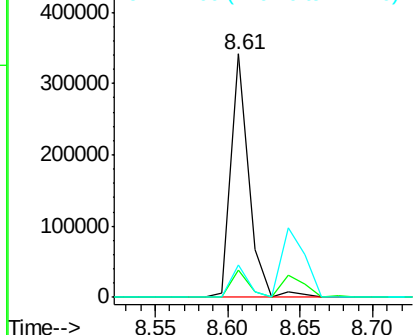
#31  
Naphthalene  
Concen: 41.22 ng  
RT: 8.61 min Scan# 483  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:128 Resp: 294477  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.4 12.6  
127 13.3 9.9 14.9

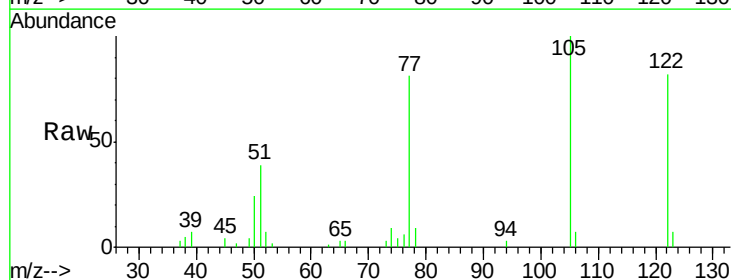


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

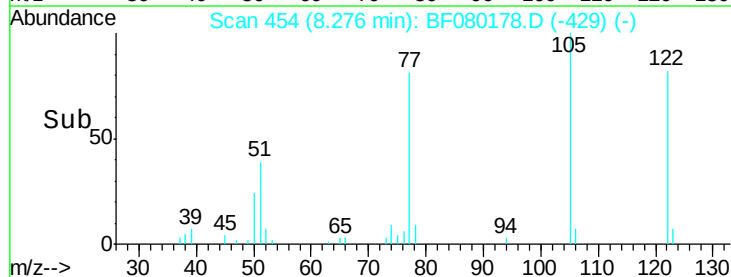
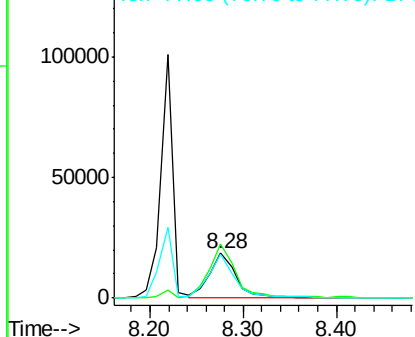


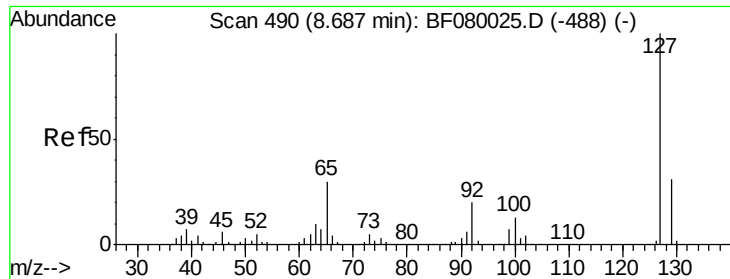
#32  
Benzoic acid  
Concen: 29.97 ng  
RT: 8.28 min Scan# 454  
Delta R.T. -0.01 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Tgt Ion:122 Resp: 38311  
Ion Ratio Lower Upper  
122 100  
105 122.1 76.1 116.1#  
77 99.0 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

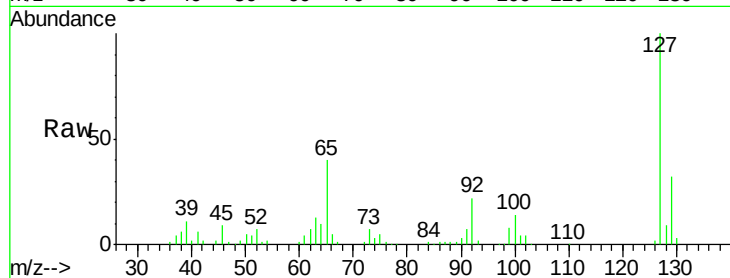




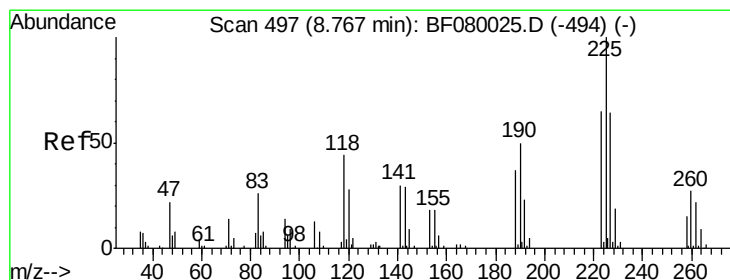
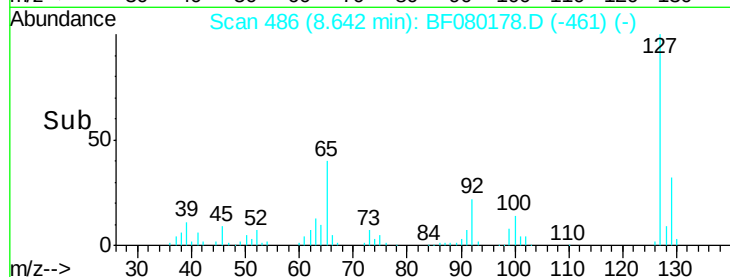
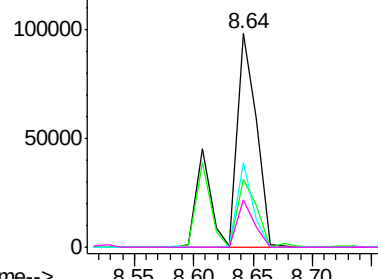
#33  
4-Chloroaniline  
Concen: 47.96 ng  
RT: 8.64 min Scan# 486  
Delta R.T. -0.01 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 146626 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.8  | 38.6   |
| 65       | 39.5  | 17.9  | 26.9#  |
| 92       | 22.2  | 10.5  | 15.7#  |

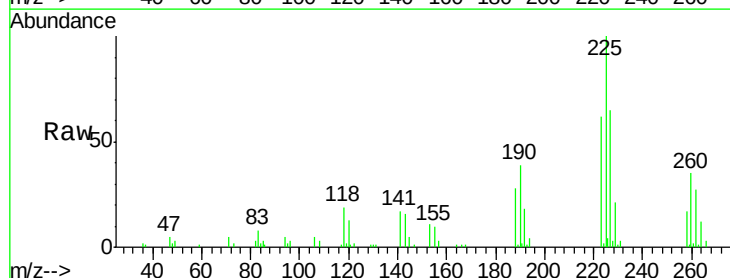


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

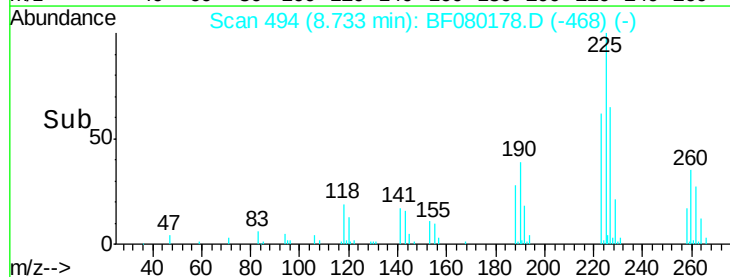
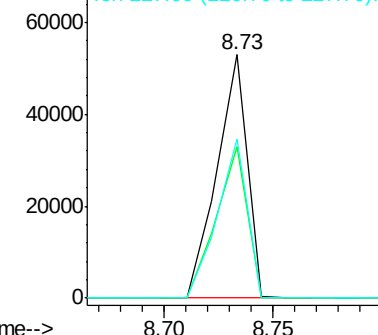


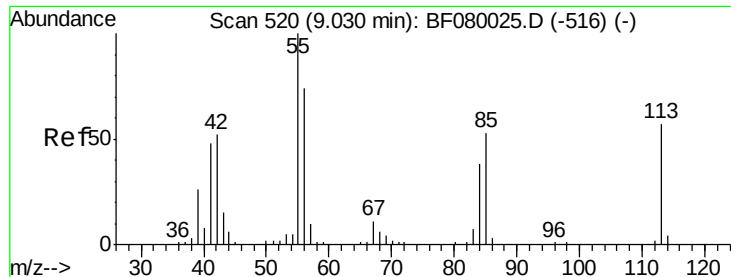
#34  
Hexachlorobutadiene  
Concen: 40.27 ng  
RT: 8.73 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 51000 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.5  | 50.2  | 75.2  |
| 227      | 65.4  | 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

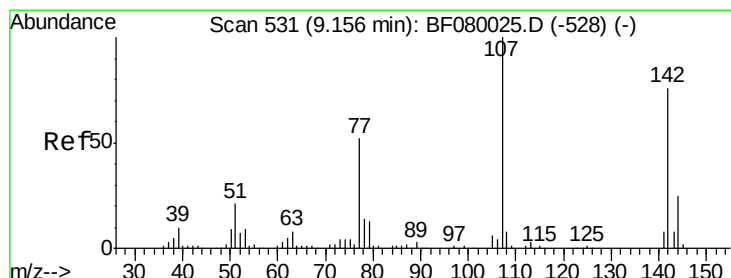
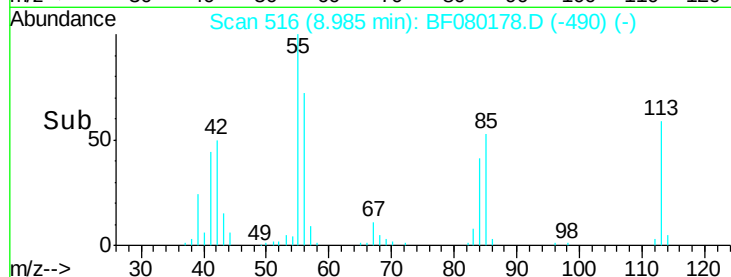
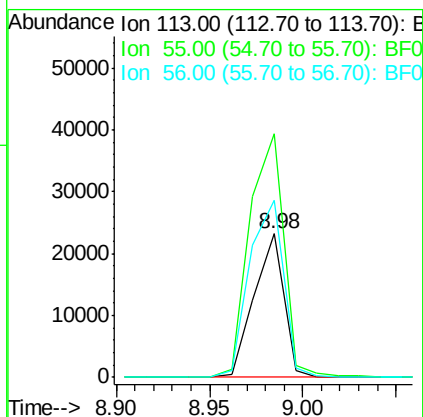
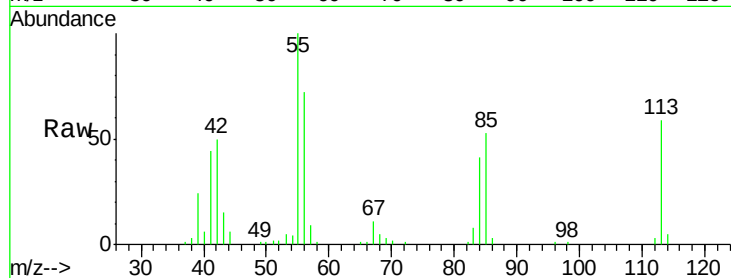




#35  
 Caprolactam  
 Concen: 43.40 ng  
 RT: 8.98 min Scan# 516  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

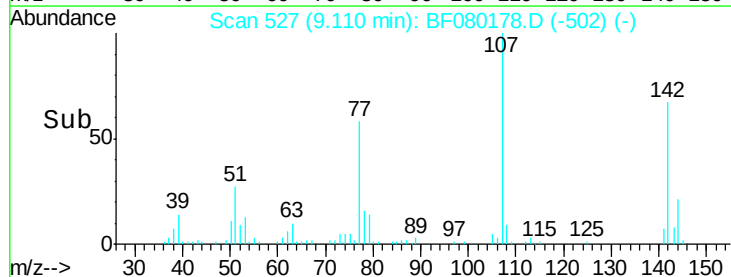
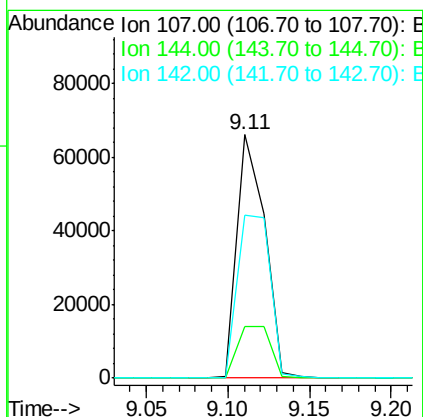
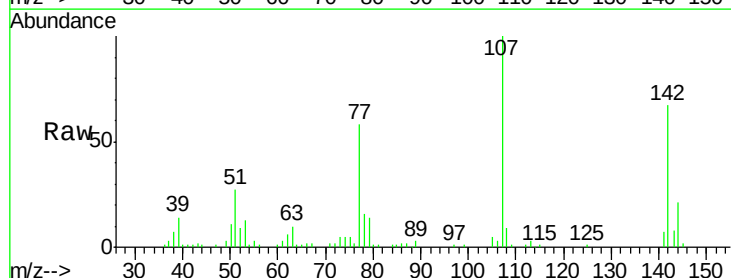
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

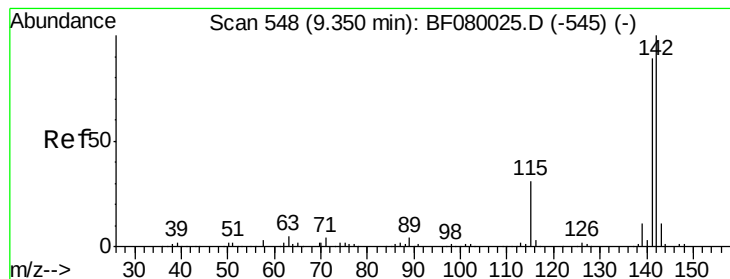
Tgt Ion:113 Resp: 25511  
 Ion Ratio Lower Upper  
 113 100  
 55 170.0 152.4 192.4  
 56 123.2 104.6 144.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 37.87 ng  
 RT: 9.11 min Scan# 527  
 Delta R.T. -0.01 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Tgt Ion:107 Resp: 77357  
 Ion Ratio Lower Upper  
 107 100  
 144 20.9 25.4 38.0#  
 142 67.0 77.3 115.9#





#37

2-Methylnaphthalene

Concen: 43.86 ng

RT: 9.30 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

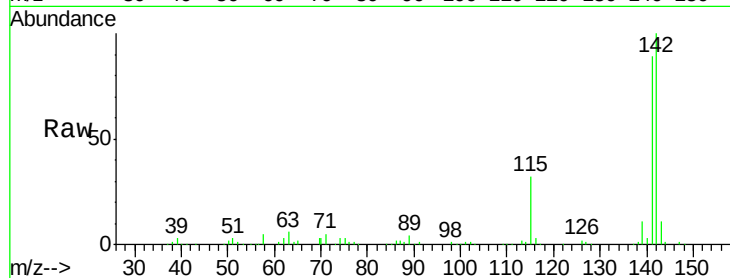
Tgt Ion:142 Resp: 202712

Ion Ratio Lower Upper

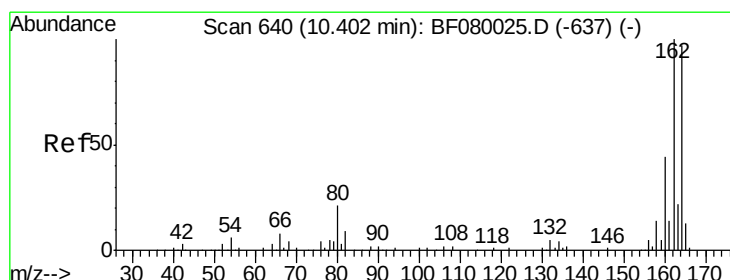
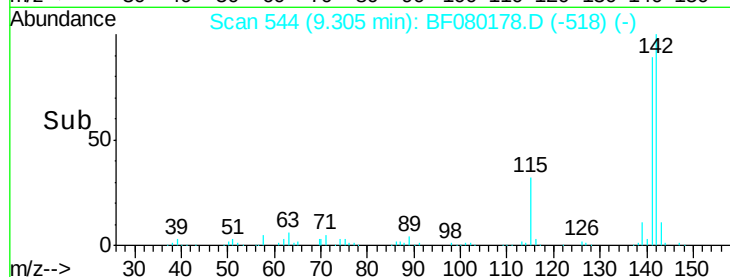
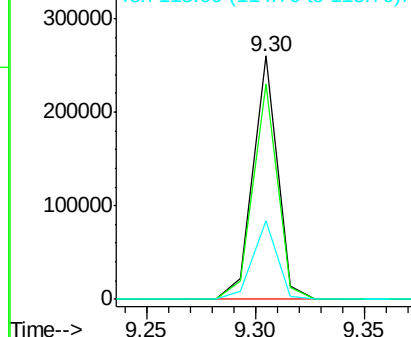
142 100

141 88.7 67.5 101.3

115 32.3 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: 10.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

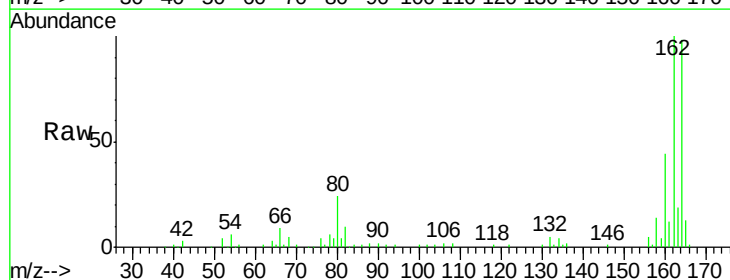
Tgt Ion:164 Resp: 73287

Ion Ratio Lower Upper

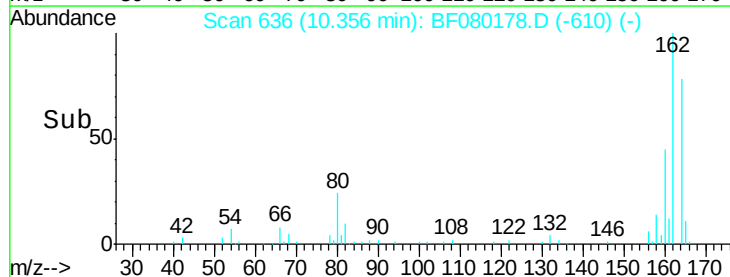
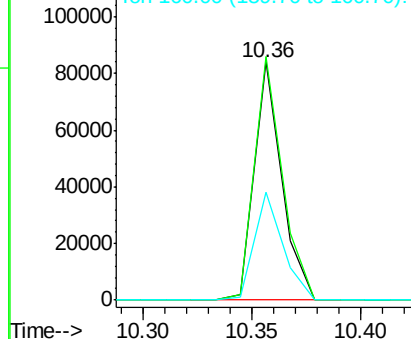
164 100

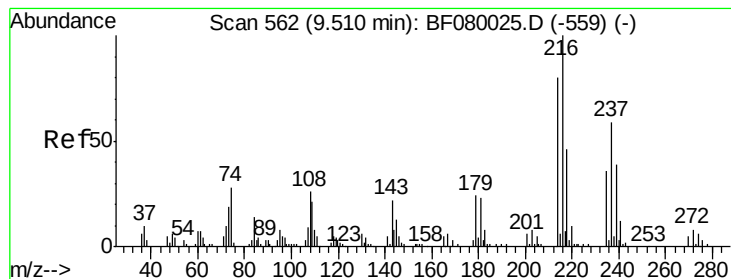
162 102.3 75.2 112.8

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: 42.78 ng

RT: 9.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 91229

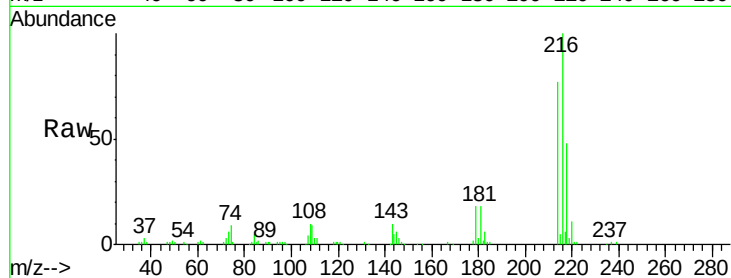
Ion Ratio Lower Upper

216 100

214 77.6 63.5 95.3

179 20.1 16.6 24.8

108 16.0 16.3 24.5#

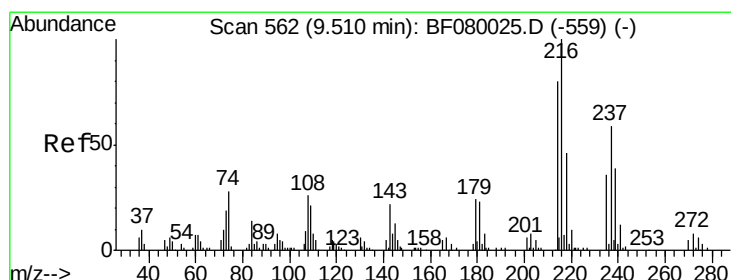
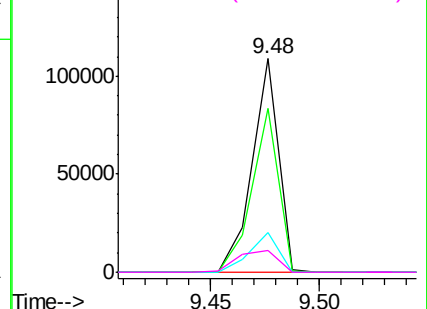
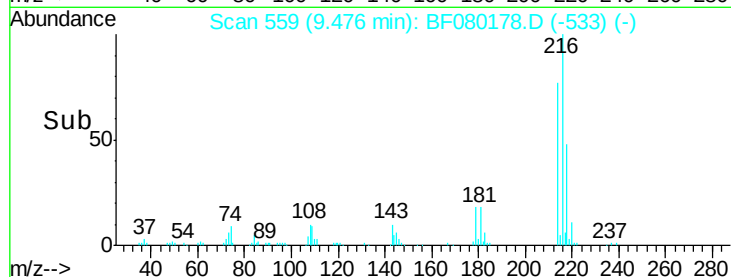


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.16 ng

RT: 9.46 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

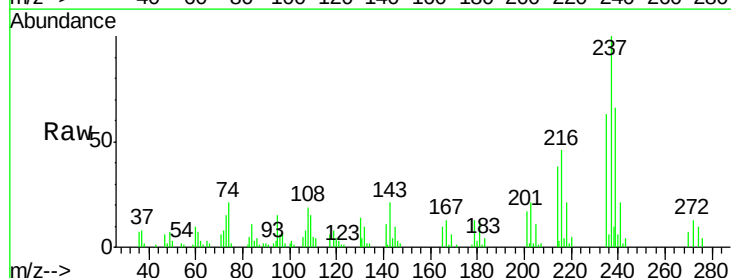
Tgt Ion:237 Resp: 37986

Ion Ratio Lower Upper

237 100

235 63.3 42.0 82.0

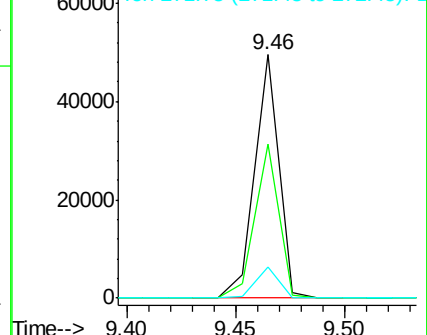
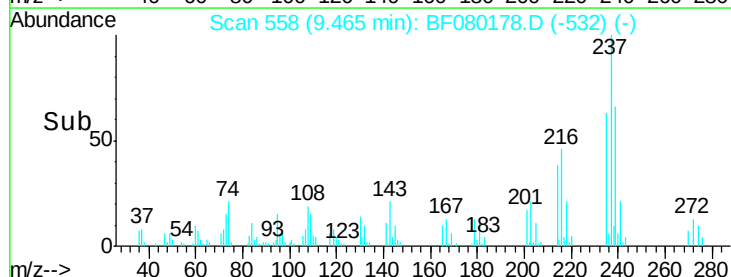
272 13.0 0.0 36.1



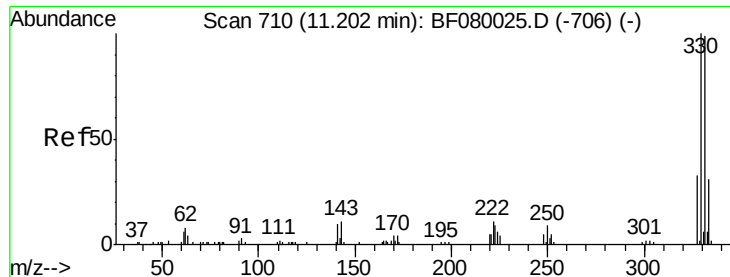
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



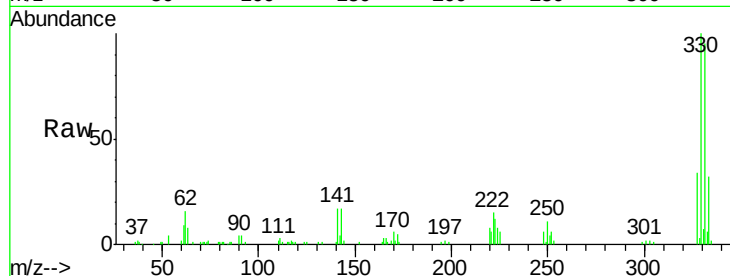




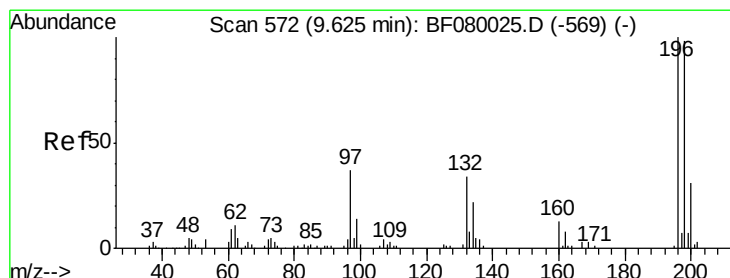
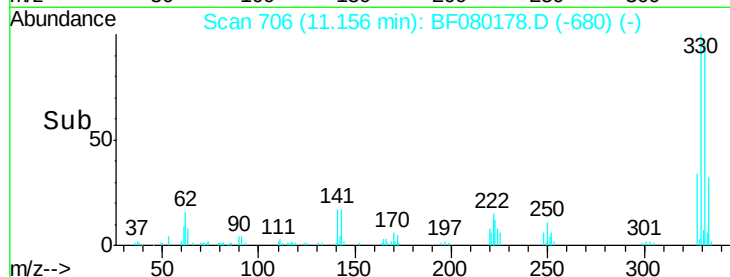
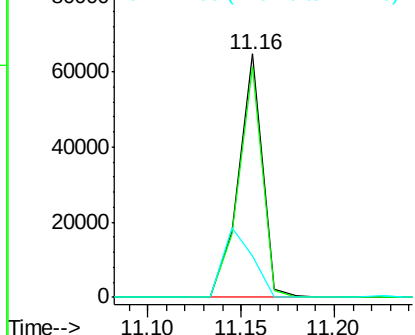
#41  
 2,4,6-Tribromophenol  
 Concen: 80.83 ng  
 RT: 11.16 min Scan# 706  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:330 Resp: 57926  
 Ion Ratio Lower Upper  
 330 100  
 332 94.8 76.6 114.8  
 141 34.9 29.7 44.5

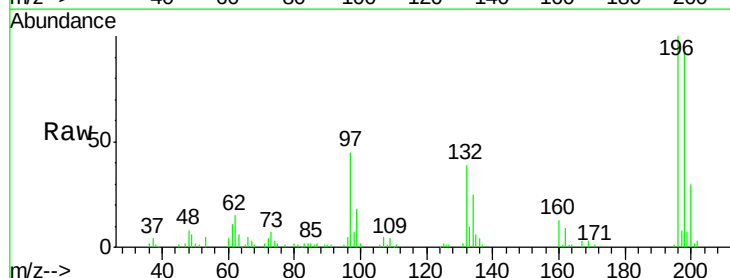


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

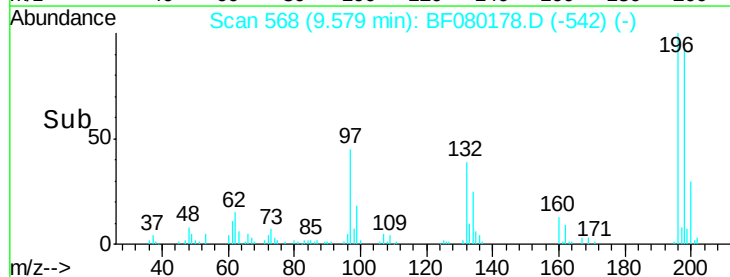
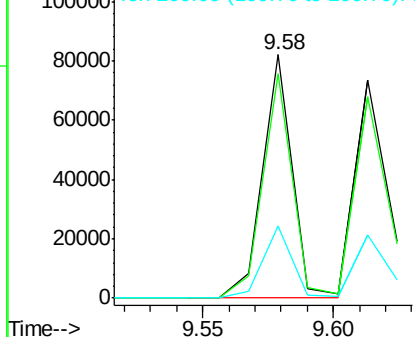


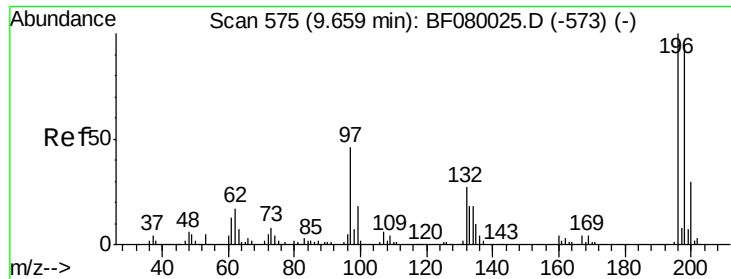
#42  
 2,4,6-Trichlorophenol  
 Concen: 45.04 ng  
 RT: 9.58 min Scan# 568  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Tgt Ion:196 Resp: 65359  
 Ion Ratio Lower Upper  
 196 100  
 198 92.0 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

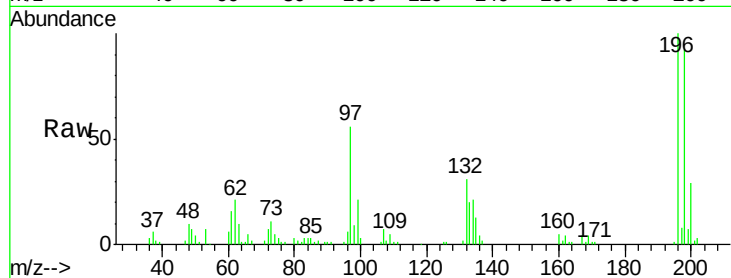




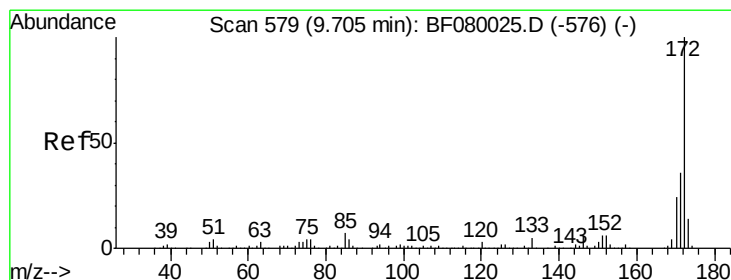
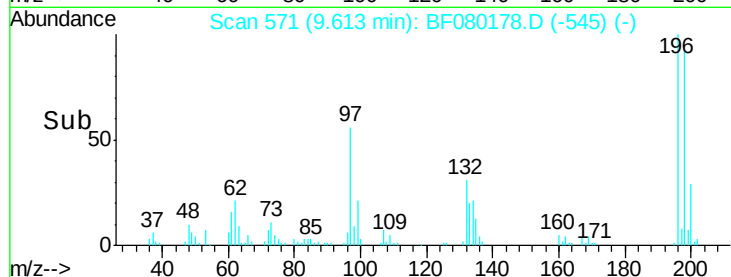
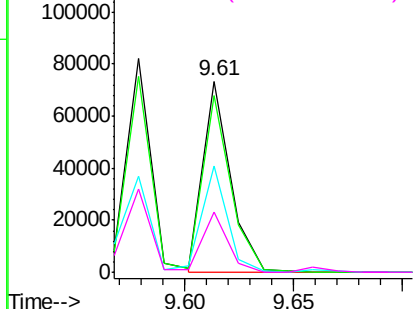
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.65 ng  
 RT: 9.61 min Scan# 571  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:196 Resp: 64610  
 Ion Ratio Lower Upper  
 196 100  
 198 92.5 75.4 113.0  
 97 55.8 33.3 49.9#  
 132 31.4 24.6 37.0

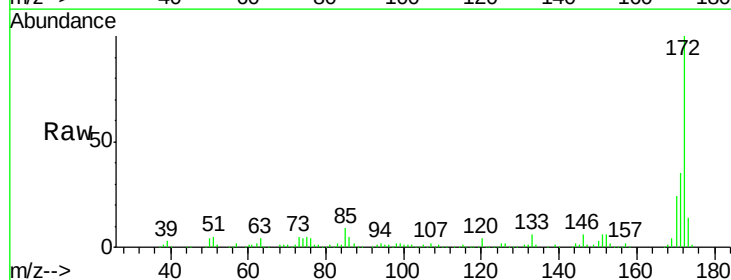


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

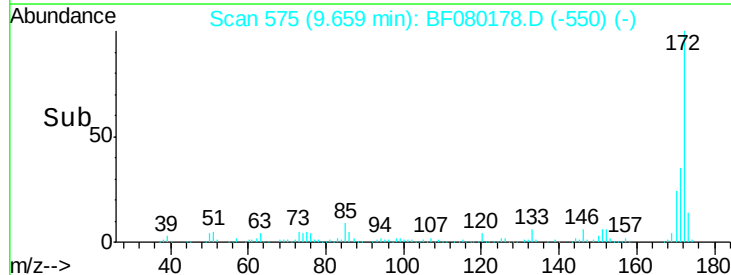
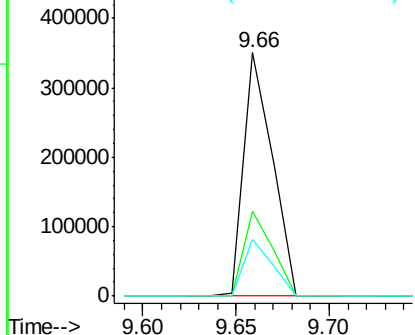


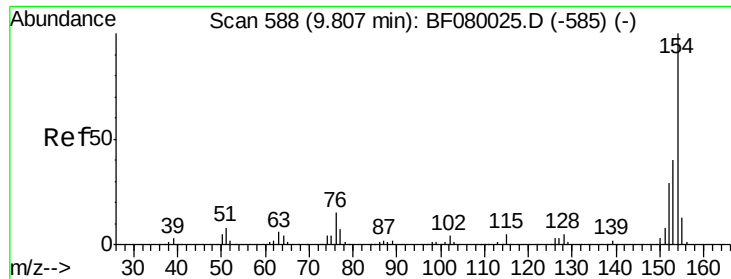
#44  
 2-Fluorobiphenyl  
 Concen: 72.57 ng  
 RT: 9.66 min Scan# 575  
 Delta R.T. -0.01 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Tgt Ion:172 Resp: 372933  
 Ion Ratio Lower Upper  
 172 100  
 171 34.9 26.1 39.1  
 170 23.5 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

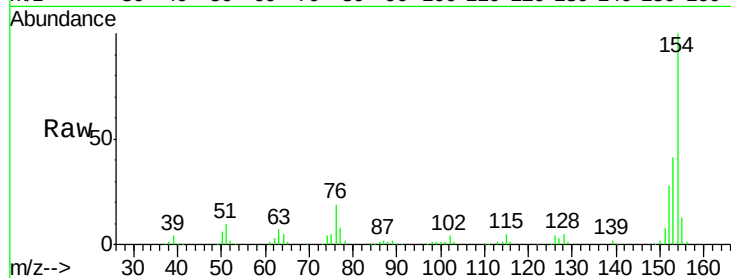




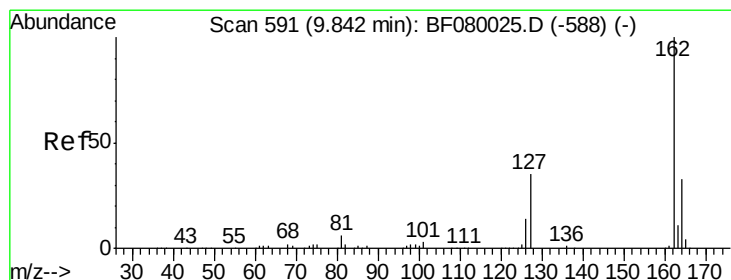
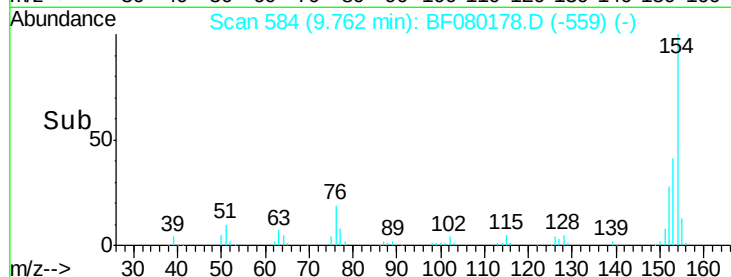
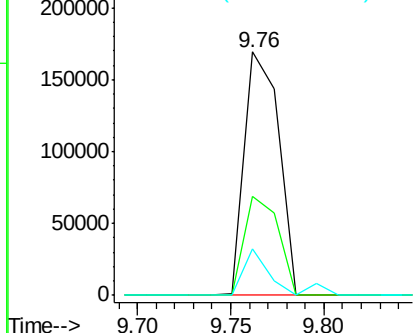
#45  
 1,1'-Biphenyl  
 Concen: 36.13 ng  
 RT: 9.76 min Scan# 584  
 Delta R.T. -0.01 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.7  | 17.1  | 57.1  |
| 76      | 18.9  | 0.0   | 31.6  |

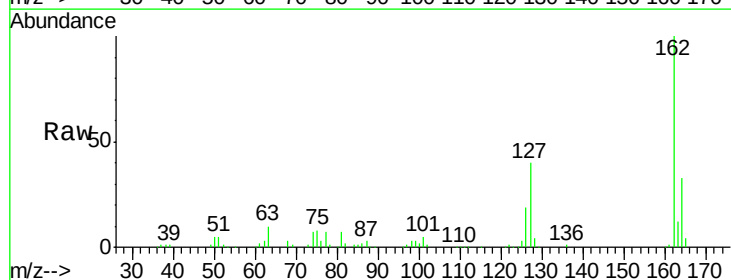


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

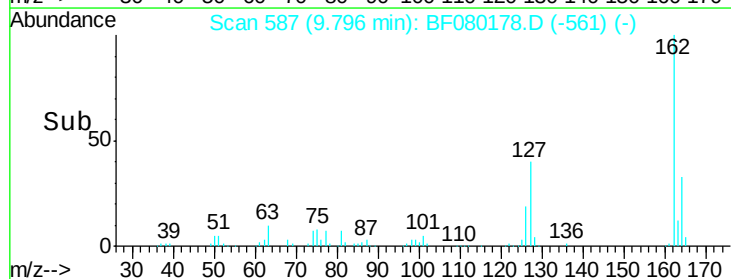
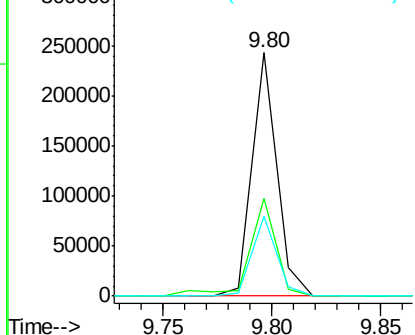


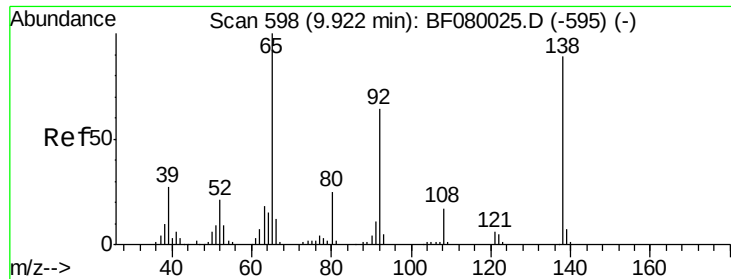
#46  
 2-Chloronaphthalene  
 Concen: 39.65 ng  
 RT: 9.80 min Scan# 587  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.1  | 27.6  | 41.4  |
| 164     | 32.9  | 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

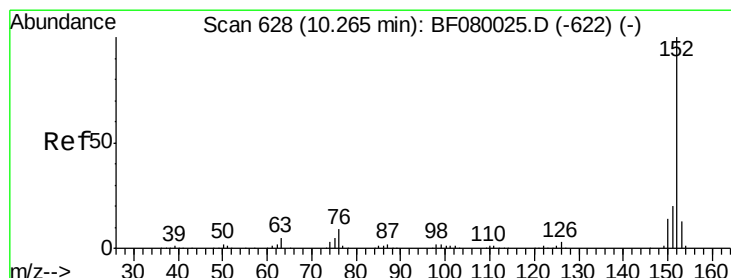
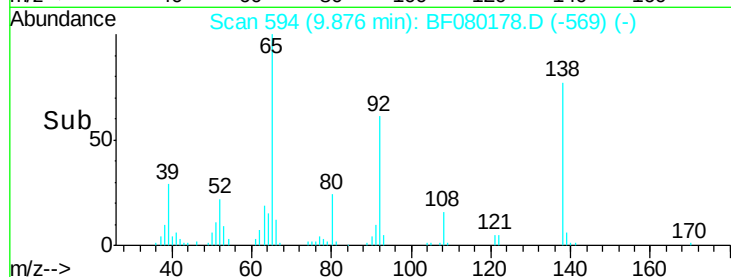
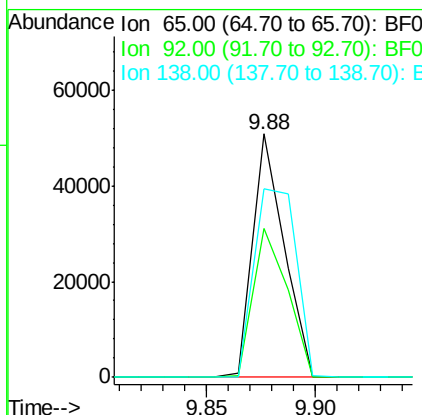
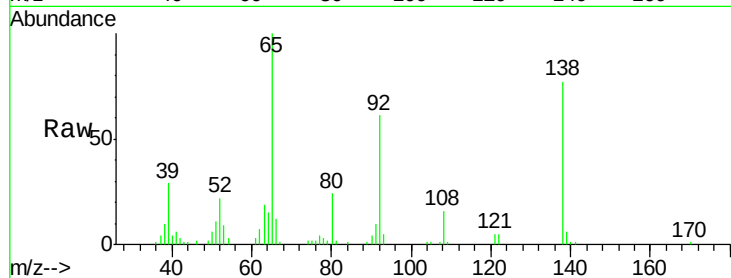




#47  
2-Nitroaniline  
Concen: 38.40 ng  
RT: 9.88 min Scan# 594  
Delta R.T. -0.01 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

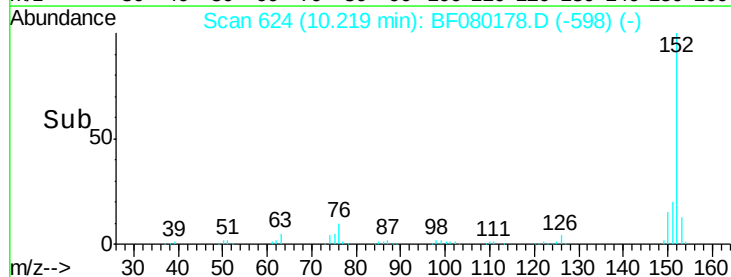
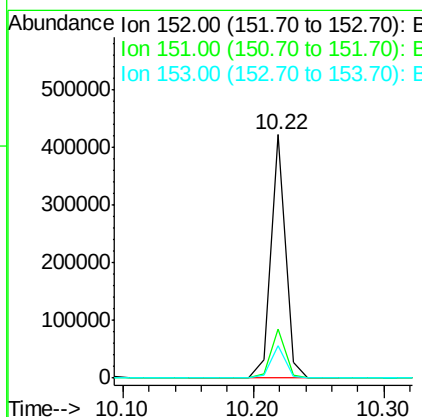
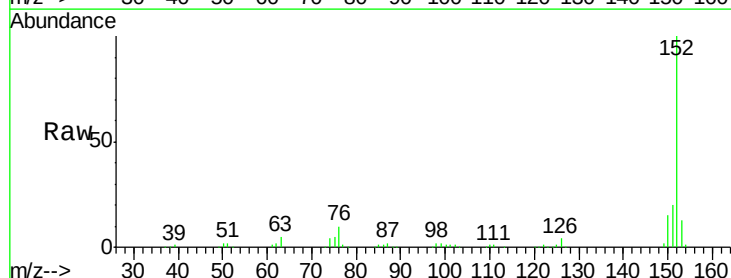
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

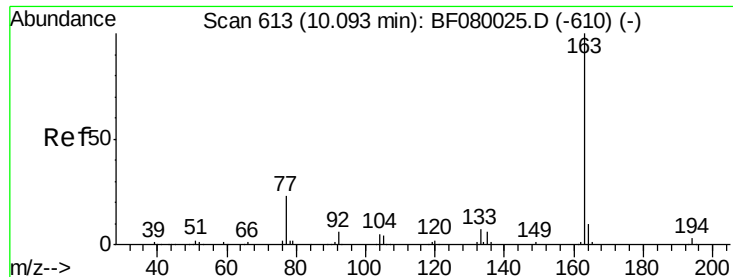
Tgt Ion: 65 Resp: 50997  
Ion Ratio Lower Upper  
65 100  
92 61.4 55.4 83.0  
138 77.3 115.5 173.3#



#48  
Acenaphthylene  
Concen: 41.00 ng  
RT: 10.22 min Scan# 624  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Tgt Ion: 152 Resp: 331099  
Ion Ratio Lower Upper  
152 100  
151 20.2 14.6 22.0  
153 13.1 10.3 15.5

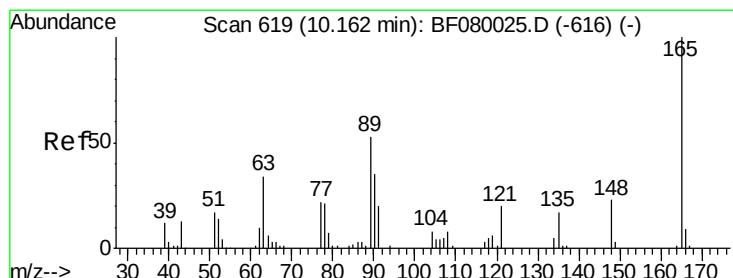
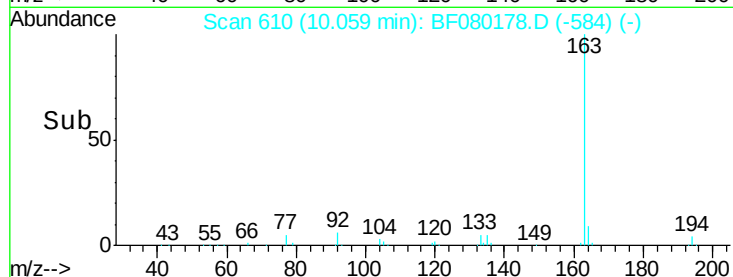
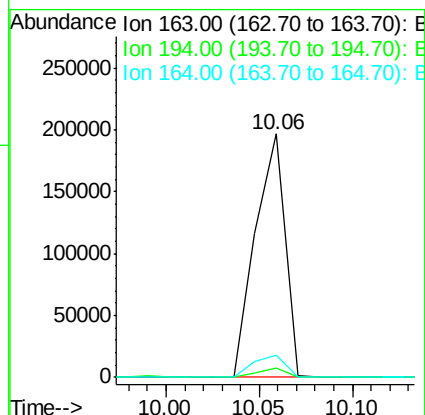
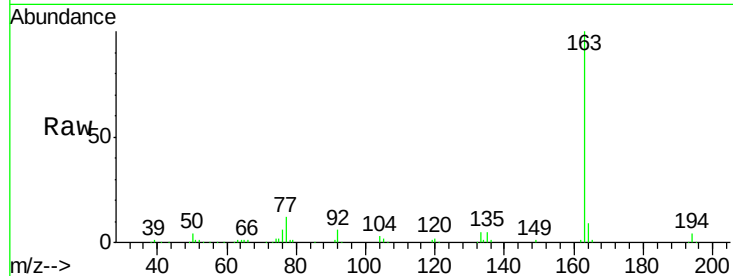




#49  
Dimethylphthalate  
Concen: 39.13 ng  
RT: 10.06 min Scan# 610  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

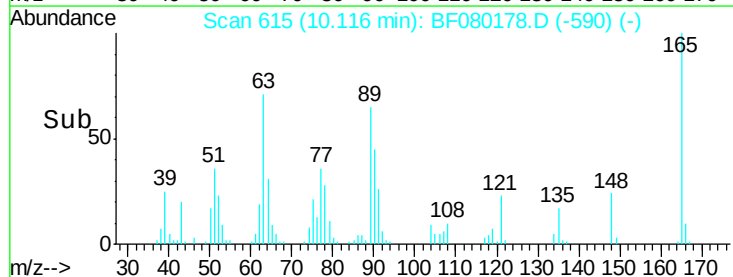
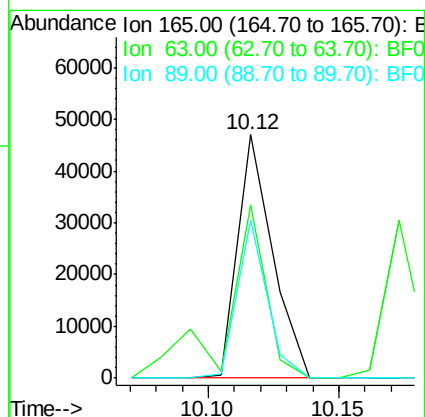
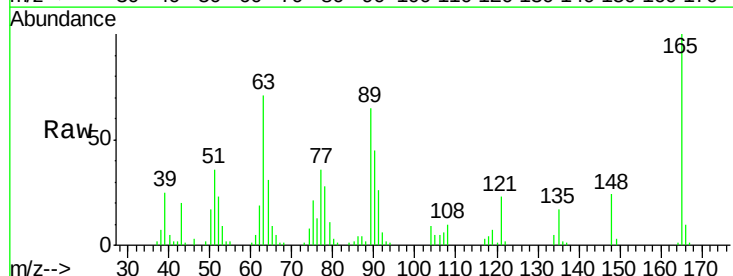
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

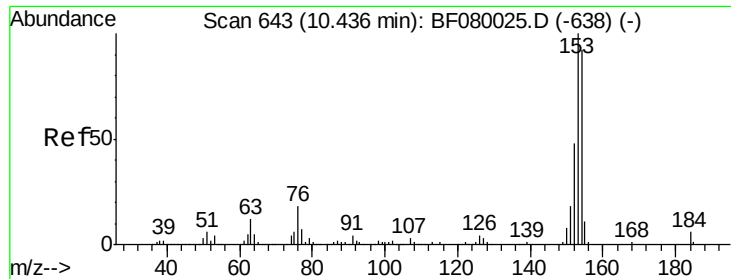
Tgt Ion:163 Resp: 215581  
Ion Ratio Lower Upper  
163 100  
194 3.9 4.4 6.6#  
164 9.2 8.3 12.5



#50  
2,6-Dinitrotoluene  
Concen: 39.79 ng  
RT: 10.12 min Scan# 615  
Delta R.T. -0.01 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Tgt Ion:165 Resp: 43954  
Ion Ratio Lower Upper  
165 100  
63 71.0 32.3 48.5#  
89 64.6 28.6 43.0#





#51

Acenaphthene

Concen: 38.33 ng

RT: 10.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

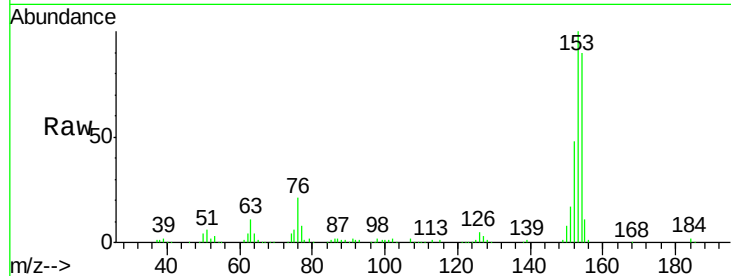
Tgt Ion:154 Resp: 189344

Ion Ratio Lower Upper

154 100

153 111.5 82.1 123.1

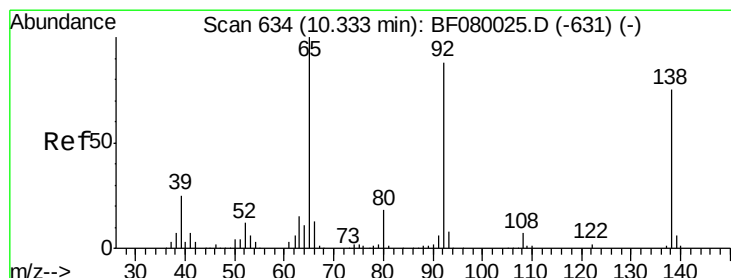
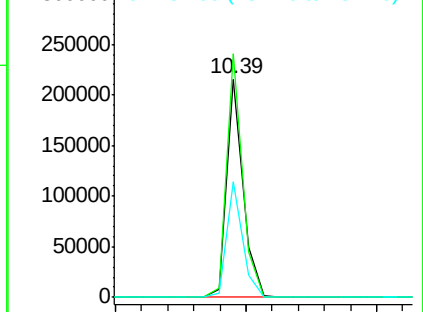
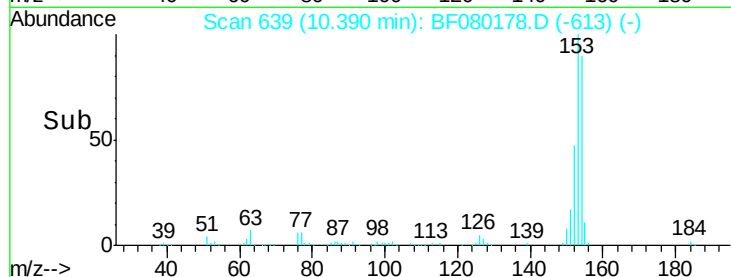
152 53.1 37.9 56.9



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: 39.75 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

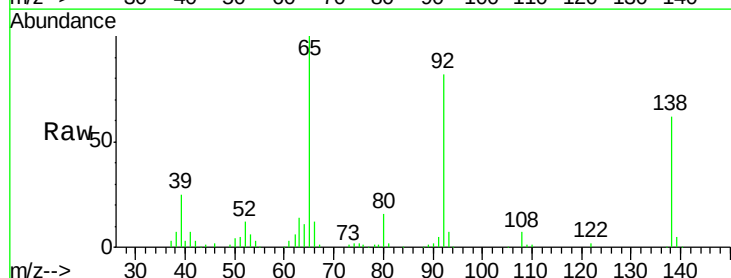
Tgt Ion:138 Resp: 50665

Ion Ratio Lower Upper

138 100

108 10.8 5.7 8.5#

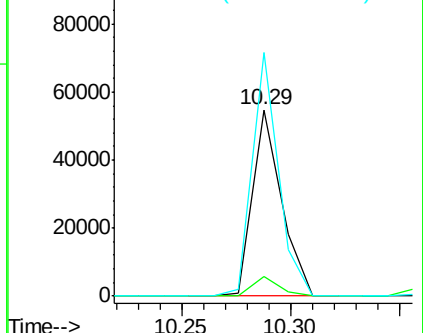
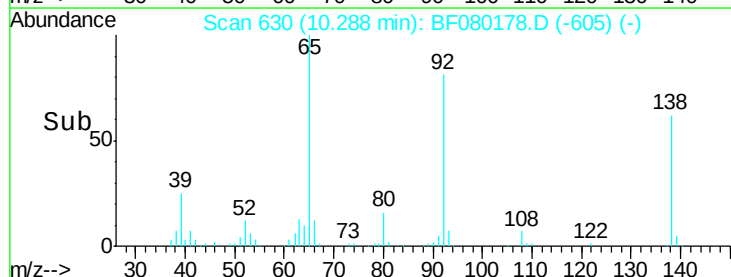
92 130.5 67.7 101.5#

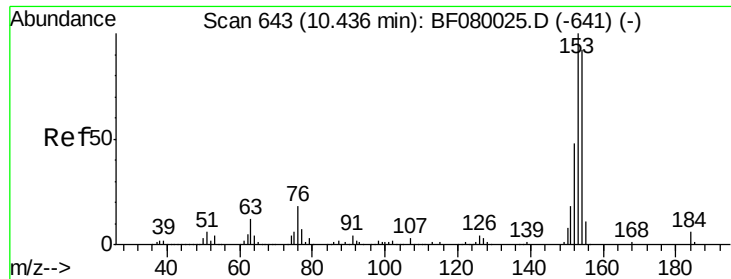


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

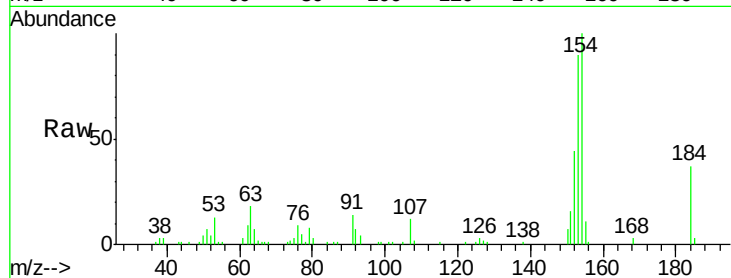




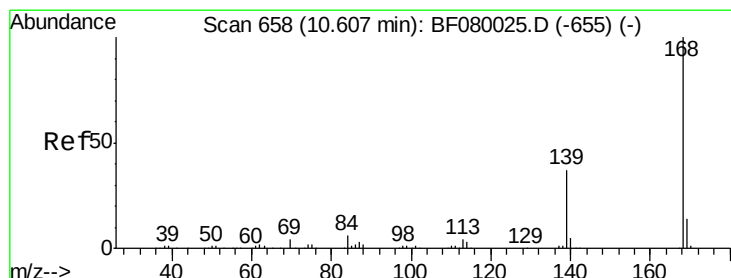
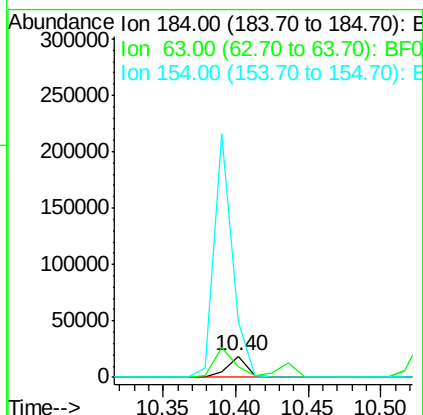
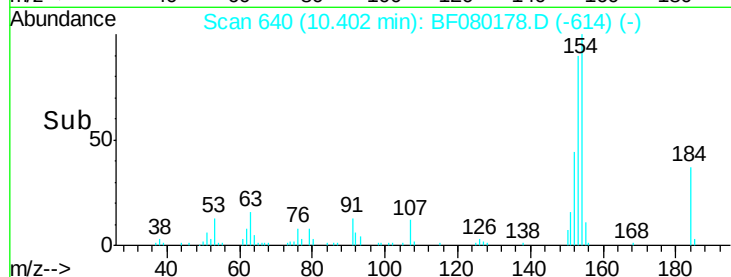
#53  
2,4-Dinitrophenol  
Concen: 43.56 ng  
RT: 10.40 min Scan# 640  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:184 Resp: 18296  
Ion Ratio Lower Upper  
184 100  
63 48.7 35.4 53.2  
154 267.1 32.2 48.4#

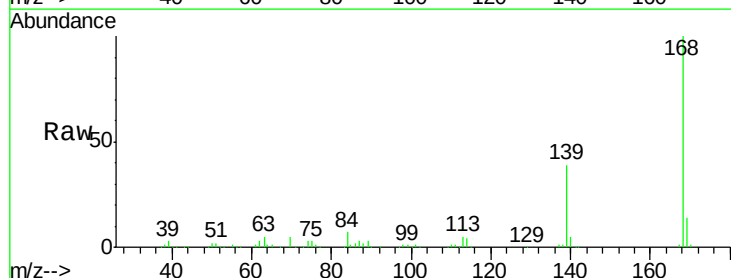


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

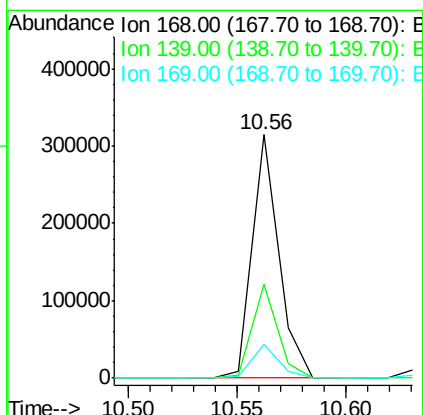
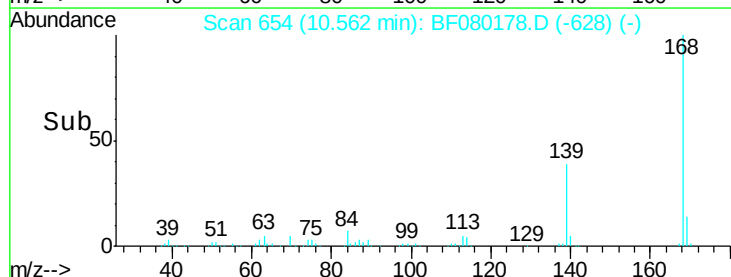


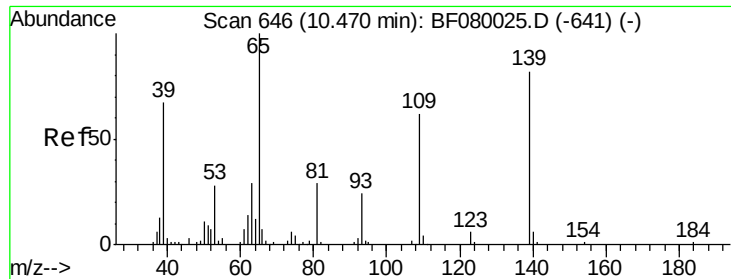
#54  
Dibenzofuran  
Concen: 38.02 ng  
RT: 10.56 min Scan# 654  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Tgt Ion:168 Resp: 266498  
Ion Ratio Lower Upper  
168 100  
139 38.5 24.2 36.2#  
169 13.9 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: 43.22 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

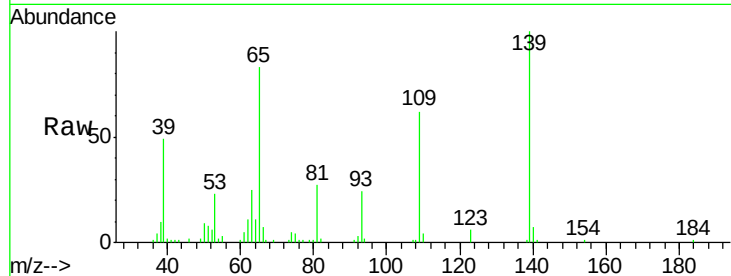
Tgt Ion:139 Resp: 44023

Ion Ratio Lower Upper

139 100

109 62.0 12.7 52.7#

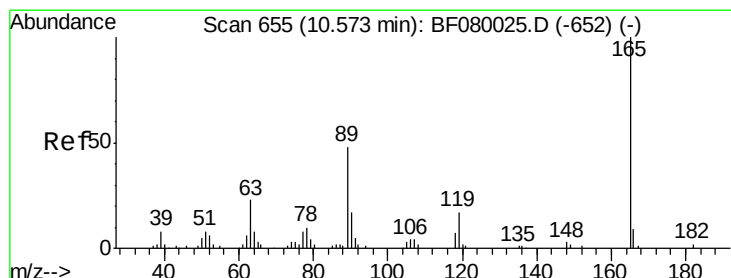
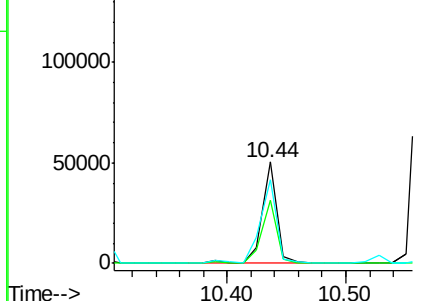
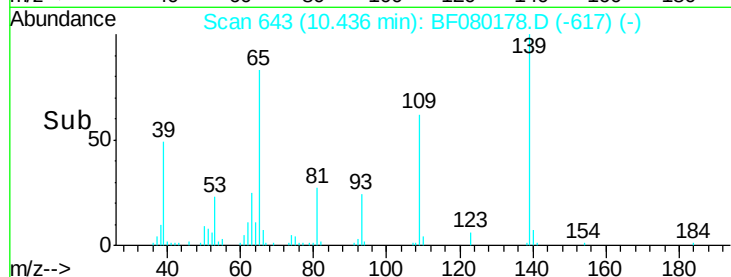
65 82.7 45.9 85.9



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: 46.99 ng

RT: 10.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Tgt Ion:165 Resp: 65869

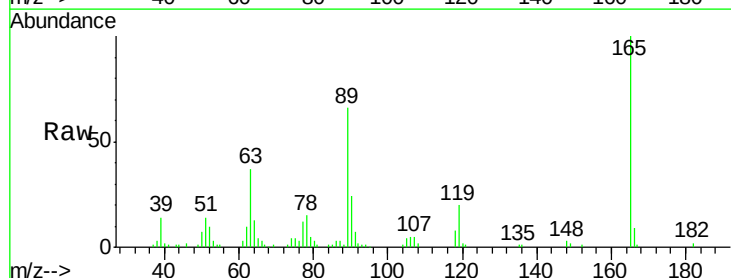
Ion Ratio Lower Upper

165 100

63 36.8 29.8 44.6

89 66.1 44.5 66.7

182 2.2 3.0 4.4#

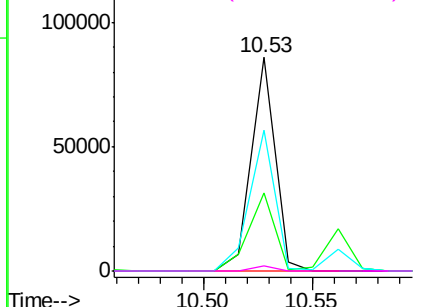
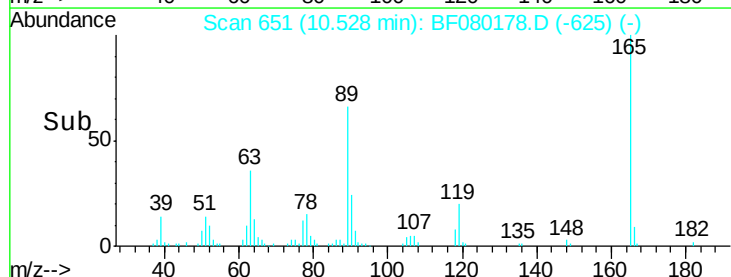


Abundance Ion 165.00 (164.70 to 165.70): E

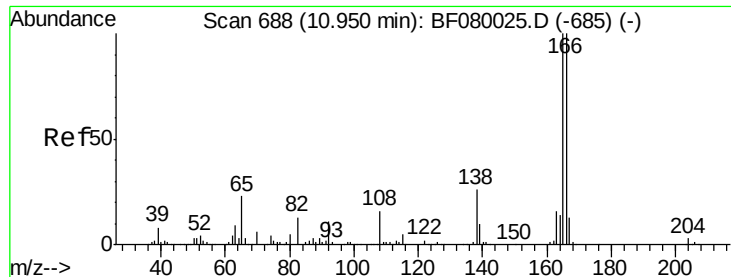
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



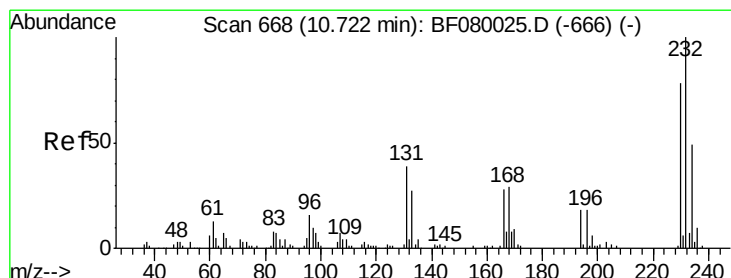
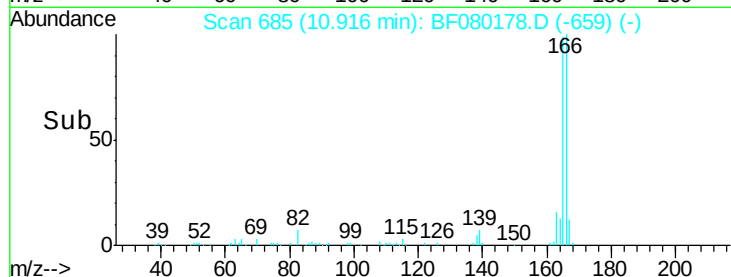
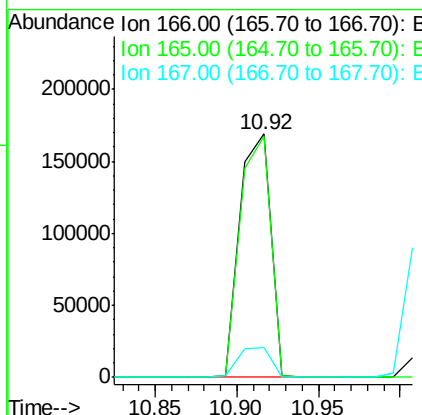
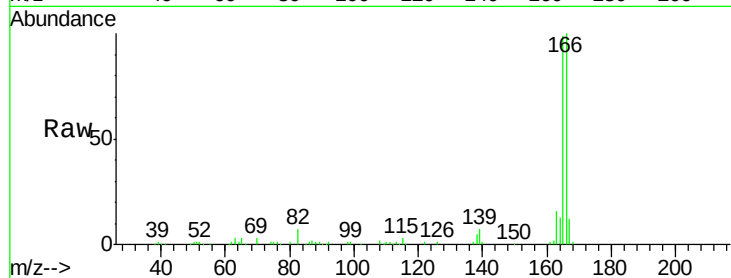




#57  
 Fluorene  
 Concen: 39.58 ng  
 RT: 10.92 min Scan# 685  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

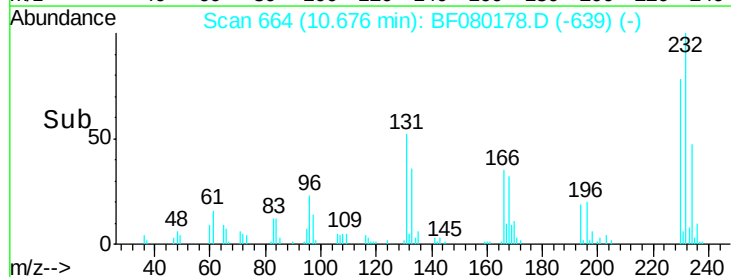
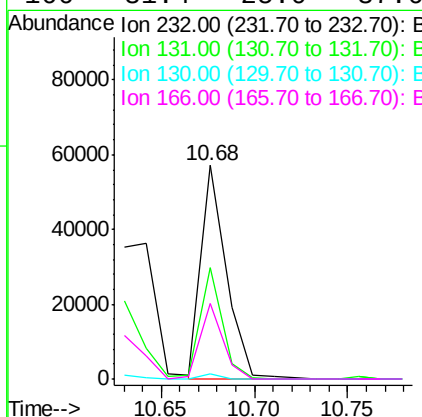
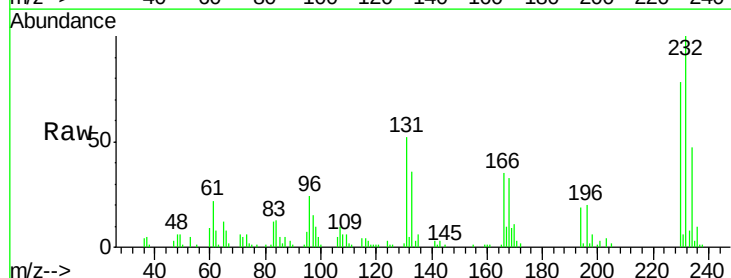
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

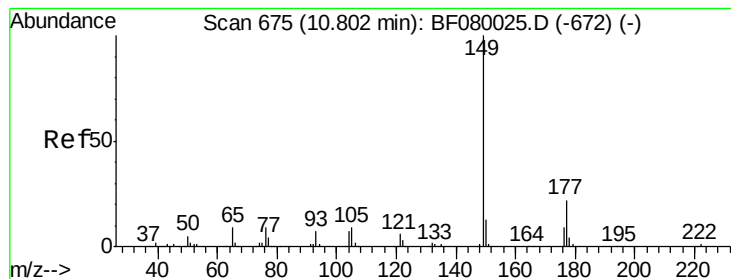
Tgt Ion:166 Resp: 220161  
 Ion Ratio Lower Upper  
 166 100  
 165 99.2 72.6 109.0  
 167 12.5 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.06 ng  
 RT: 10.68 min Scan# 664  
 Delta R.T. -0.01 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Tgt Ion:232 Resp: 53715  
 Ion Ratio Lower Upper  
 232 100  
 131 45.4 38.5 57.7  
 130 1.8 1.8 2.6  
 166 31.4 25.0 37.6





#59

Diethylphthalate

Concen: 36.52 ng

RT: 10.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

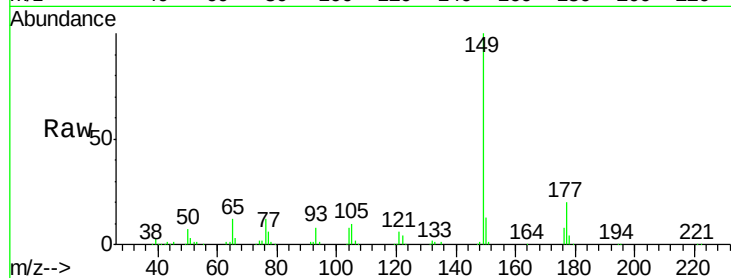
Tgt Ion:149 Resp: 202629

Ion Ratio Lower Upper

149 100

177 19.8 17.5 26.3

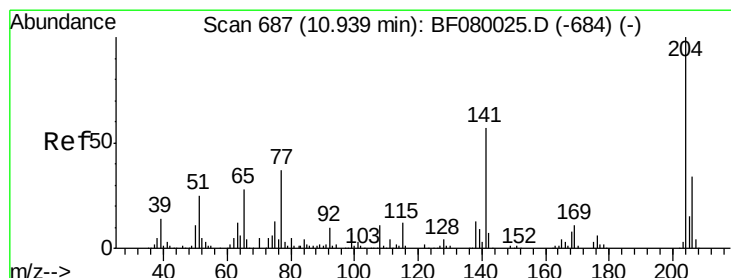
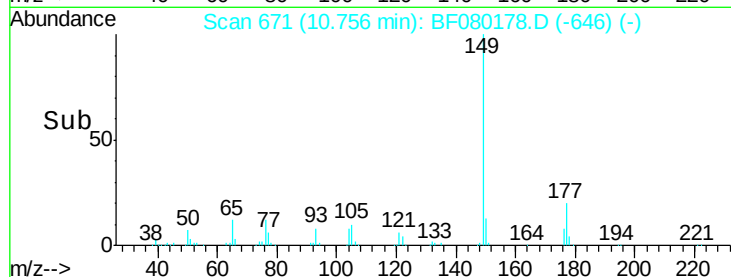
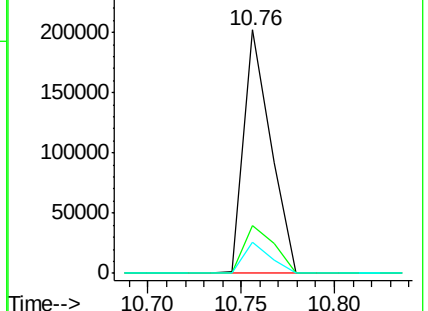
150 13.0 9.4 14.2



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: 37.12 ng

RT: 10.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

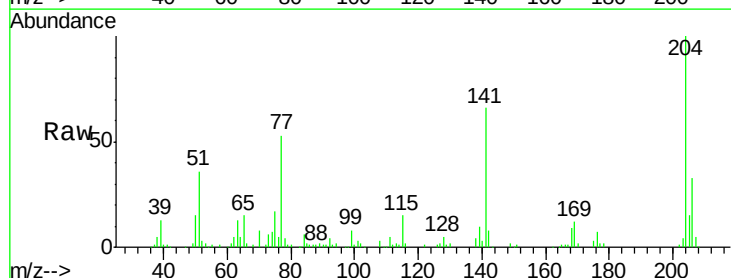
Tgt Ion:204 Resp: 99211

Ion Ratio Lower Upper

204 100

206 33.4 24.8 37.2

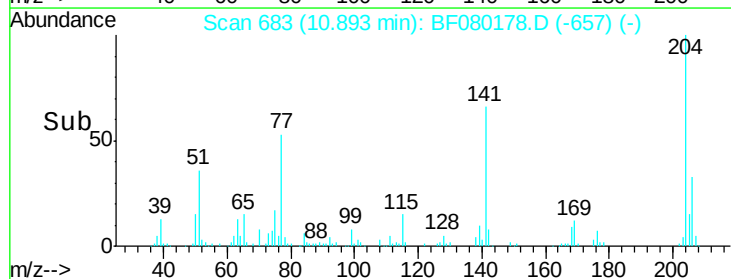
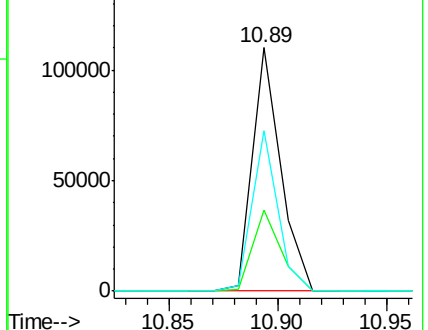
141 66.0 42.2 63.4#

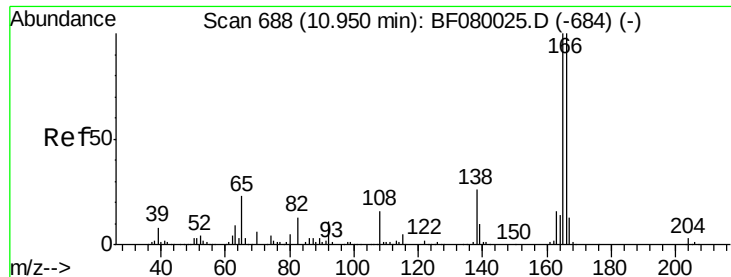


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.69 ng

RT: 10.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

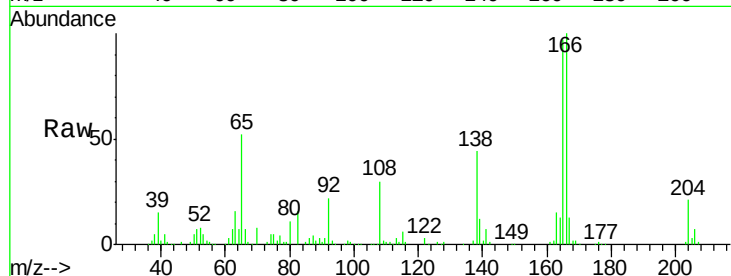
Tgt Ion:138 Resp: 53552

Ion Ratio Lower Upper

138 100

92 51.4 12.6 52.6

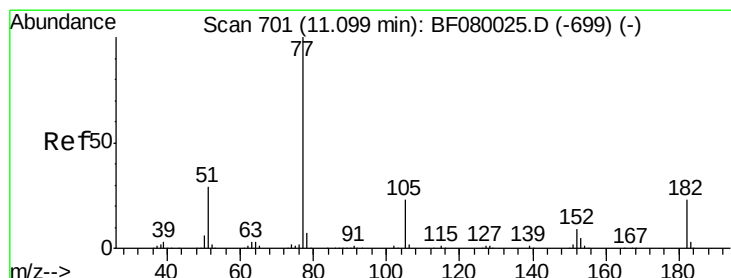
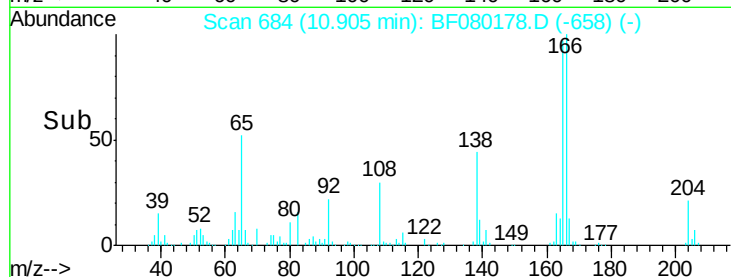
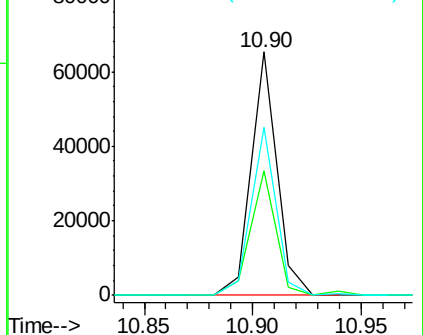
108 69.2 12.4 52.4#



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: 38.76 ng

RT: 11.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Tgt Ion: 77 Resp: 218887

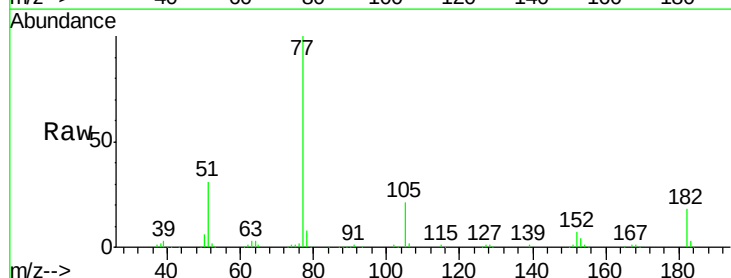
Ion Ratio Lower Upper

77 100

182 17.7 15.1 55.1

105 21.4 3.4 43.4

51 30.8 12.0 52.0

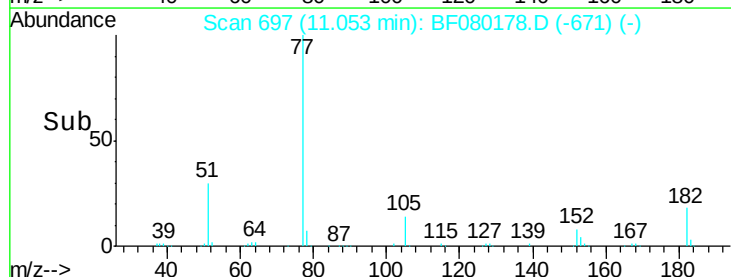
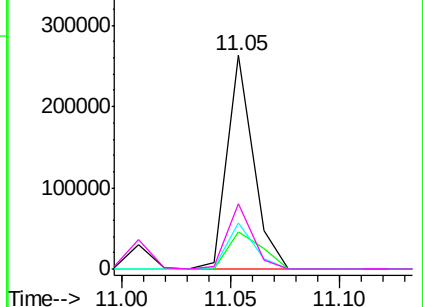


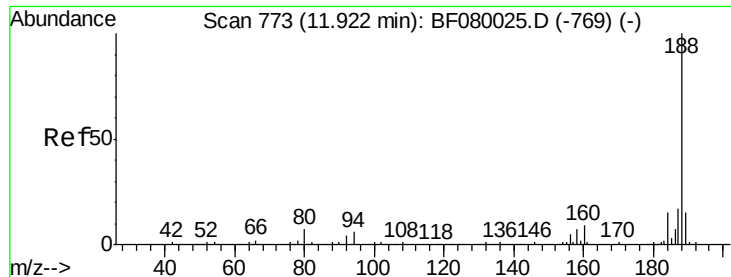
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

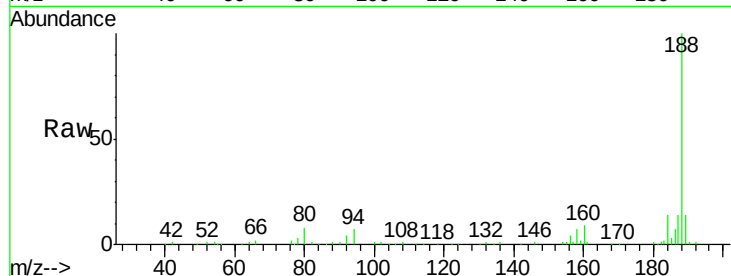




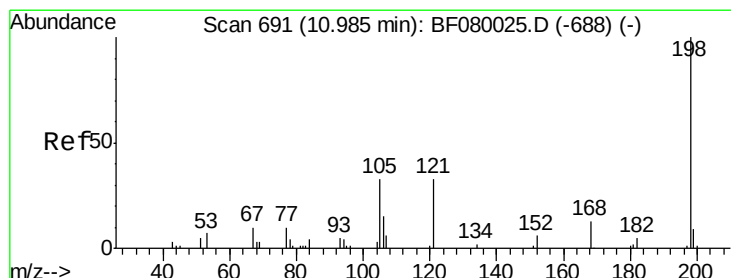
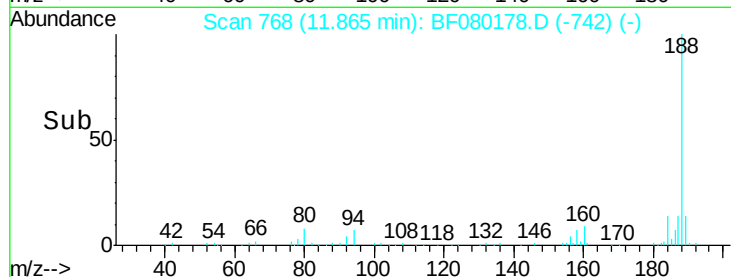
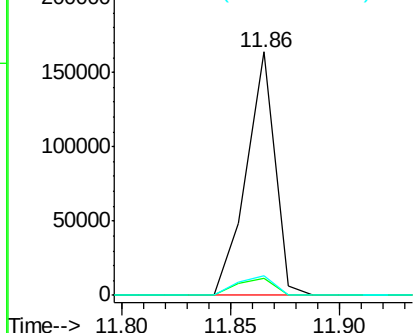
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.86 min Scan# 768  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:188 Resp: 149528  
 Ion Ratio Lower Upper  
 188 100  
 94 7.2 11.1 16.7#  
 80 8.0 11.0 16.4#

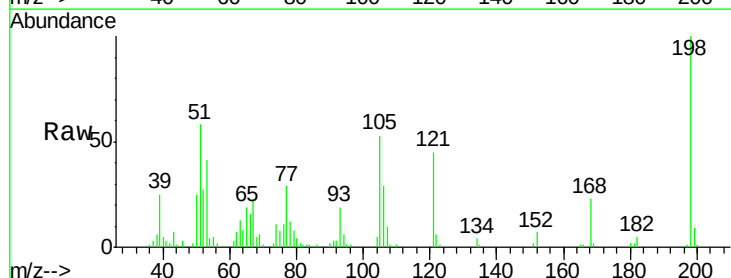


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

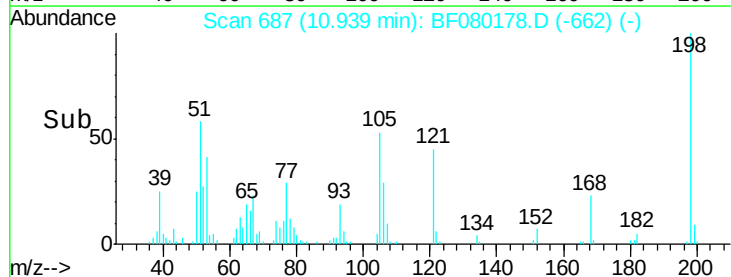
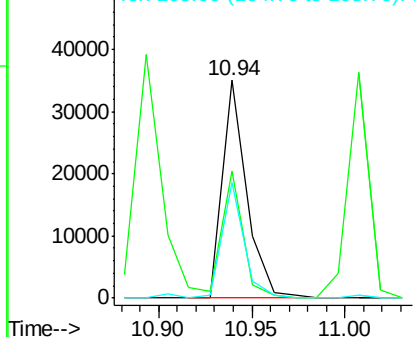


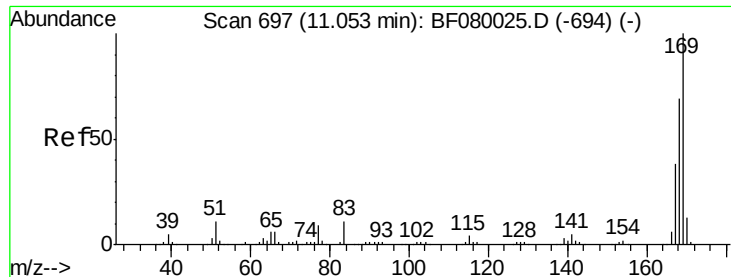
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 43.73 ng  
 RT: 10.94 min Scan# 687  
 Delta R.T. -0.01 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Tgt Ion:198 Resp: 31818  
 Ion Ratio Lower Upper  
 198 100  
 51 58.2 39.6 79.6  
 105 53.4 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF0  
 Ion 105.00 (104.70 to 105.70): E

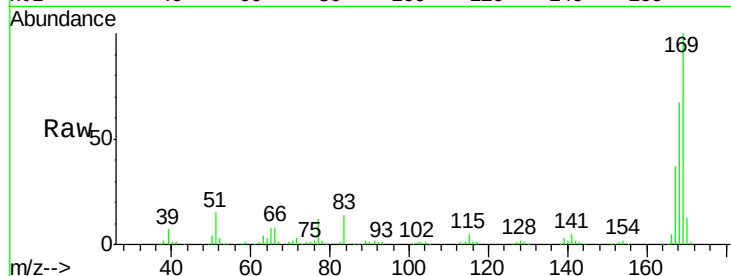




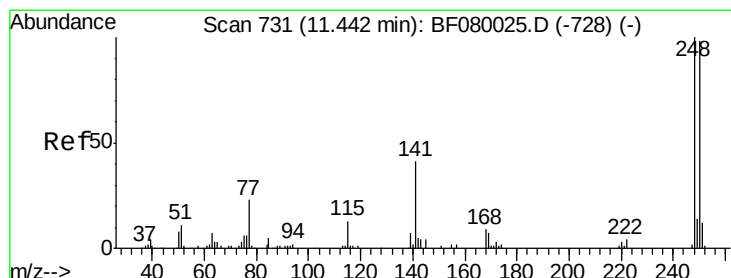
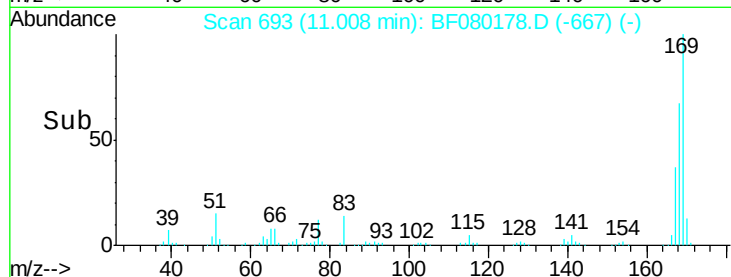
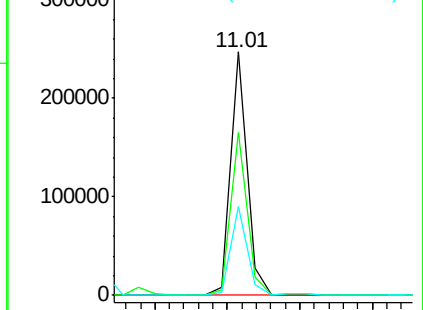
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.01 ng  
 RT: 11.01 min Scan# 693  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:169 Resp: 194803  
 Ion Ratio Lower Upper  
 169 100  
 168 66.9 48.9 73.3  
 167 36.5 26.2 39.4

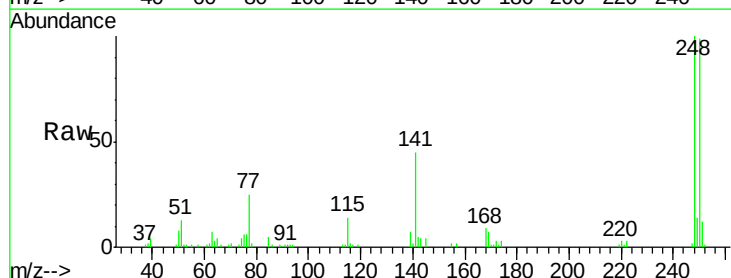


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

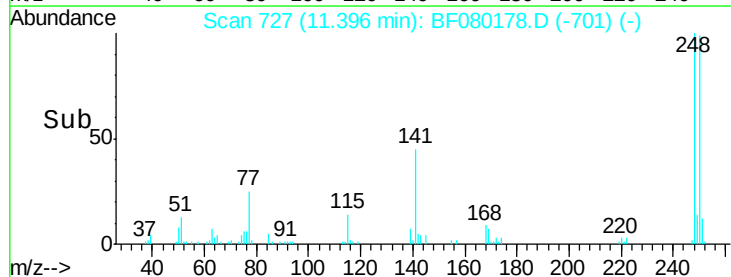
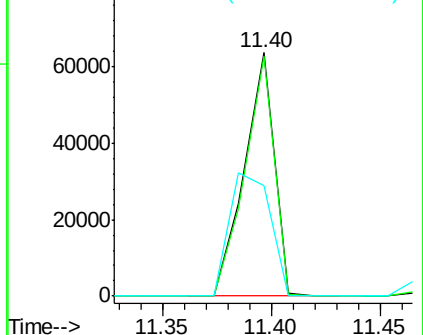


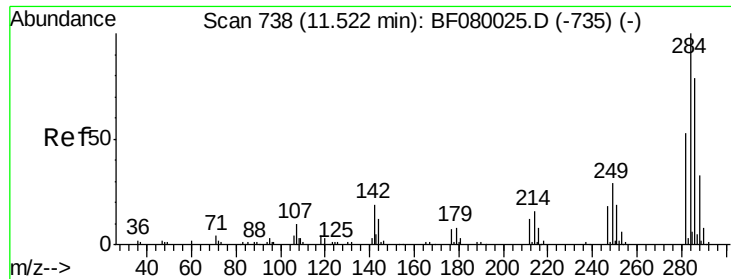
#66  
 4-Bromophenyl-phenylether  
 Concen: 38.19 ng  
 RT: 11.40 min Scan# 727  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Tgt Ion:248 Resp: 60712  
 Ion Ratio Lower Upper  
 248 100  
 250 98.6 78.5 117.7  
 141 45.4 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

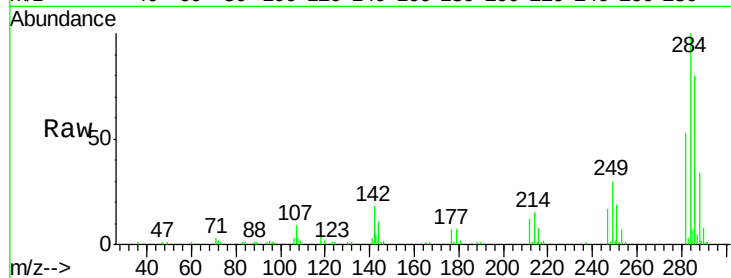




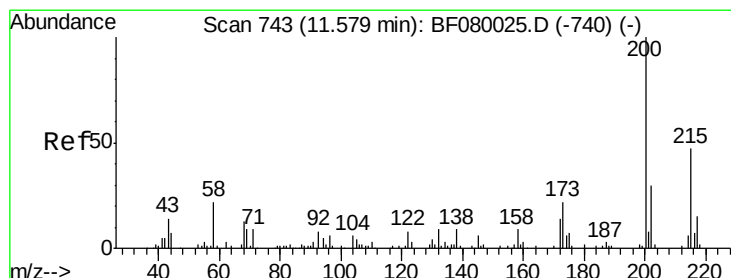
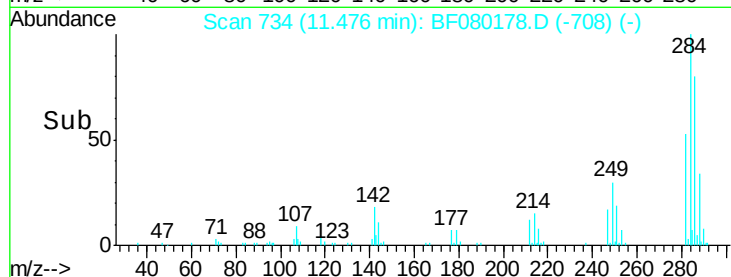
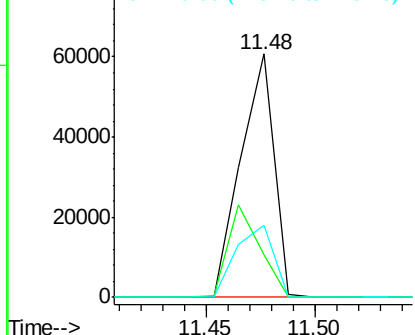
#67  
Hexachlorobenzene  
Concen: 36.40 ng  
RT: 11.48 min Scan# 734  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:284 Resp: 64310  
Ion Ratio Lower Upper  
284 100  
142 17.6 29.5 44.3#  
249 29.6 19.5 29.3#

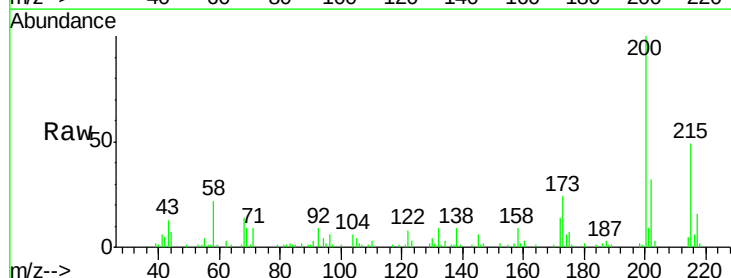


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

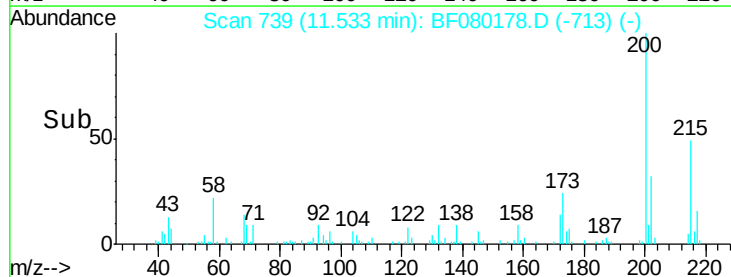
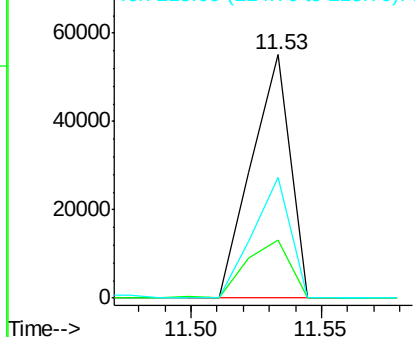


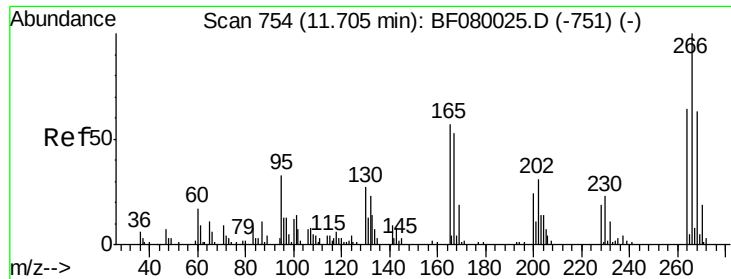
#68  
Atrazine  
Concen: 37.28 ng  
RT: 11.53 min Scan# 739  
Delta R.T. 0.00 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Tgt Ion:200 Resp: 57349  
Ion Ratio Lower Upper  
200 100  
173 23.6 13.2 53.2  
215 49.4 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

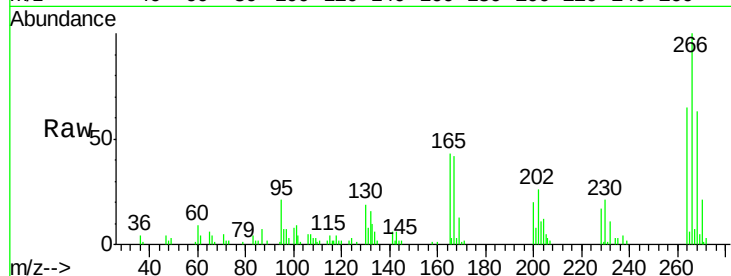




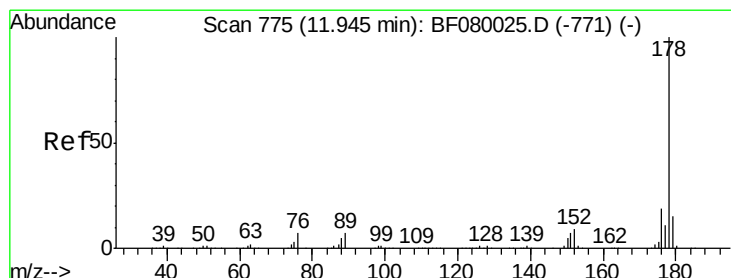
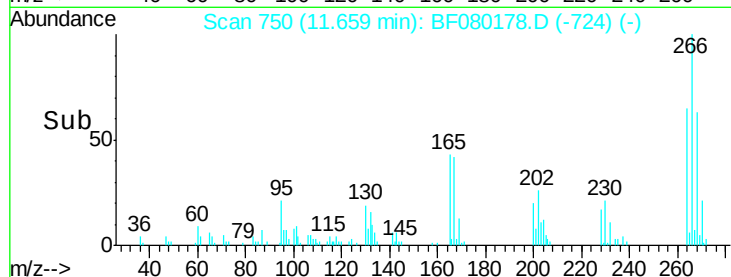
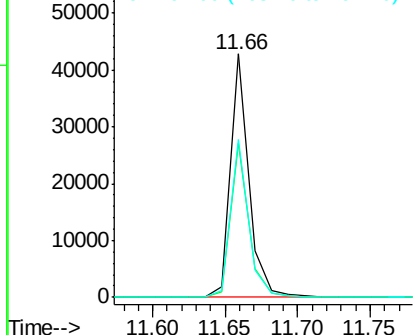
#69  
 Pentachlorophenol  
 Concen: 37.68 ng  
 RT: 11.66 min Scan# 750  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:266 Resp: 37729  
 Ion Ratio Lower Upper  
 266 100  
 268 63.2 49.8 74.6  
 264 65.0 50.2 75.2

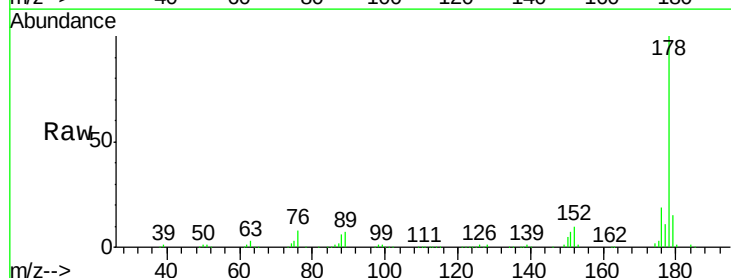


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

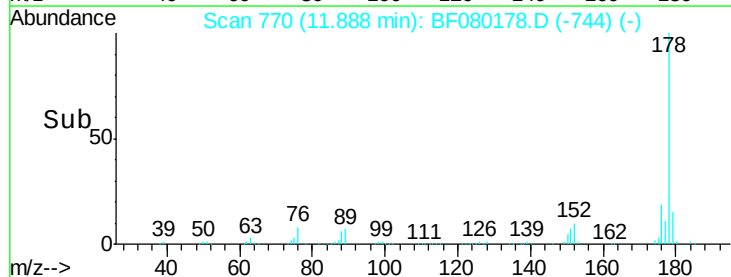
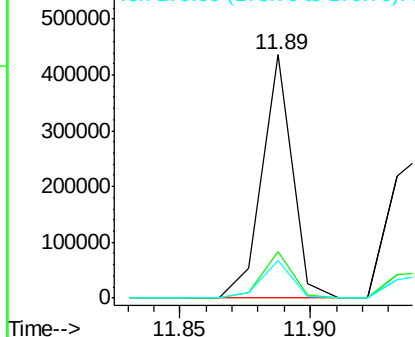


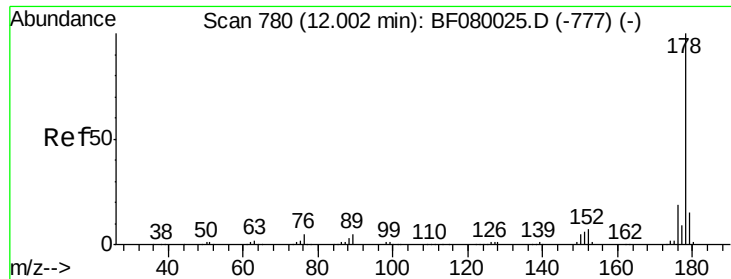
#70  
 Phenanthrene  
 Concen: 39.27 ng  
 RT: 11.89 min Scan# 770  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Tgt Ion:178 Resp: 355456  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 13.8 20.8  
 179 15.3 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

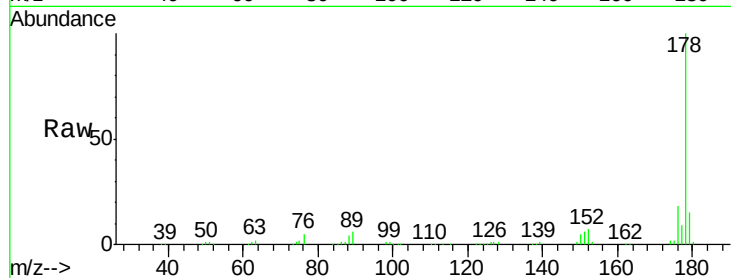




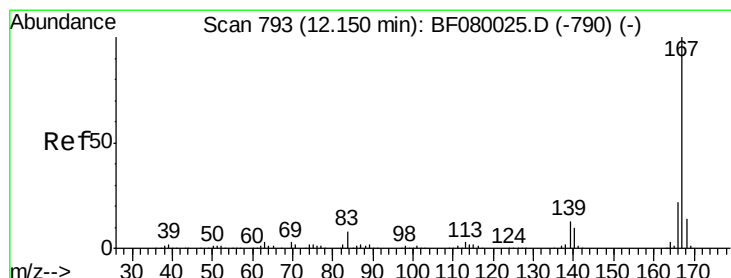
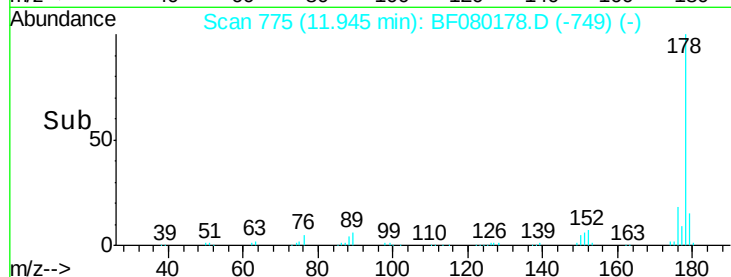
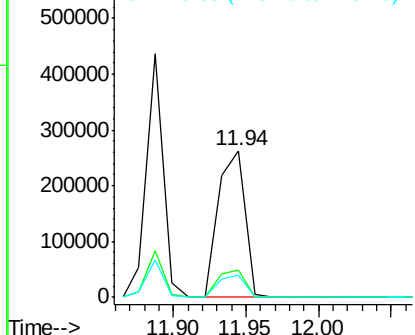
#71  
 Anthracene  
 Concen: 38.54 ng  
 RT: 11.94 min Scan# 775  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:178 Resp: 335943  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 14.1 21.1  
 179 14.9 12.2 18.2

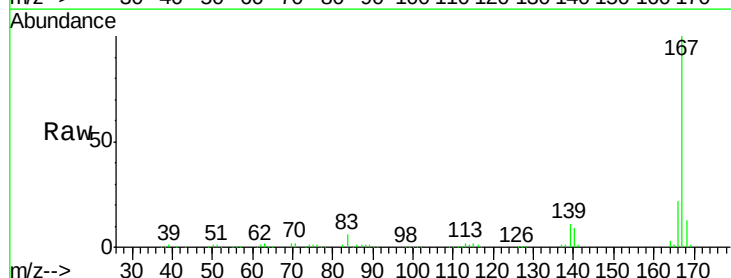


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

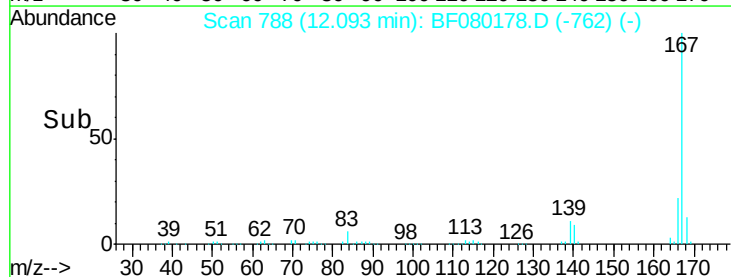
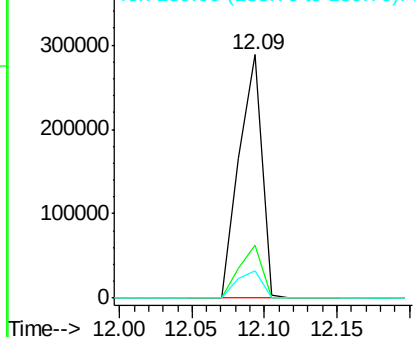


#72  
 Carbazole  
 Concen: 37.95 ng  
 RT: 12.09 min Scan# 788  
 Delta R.T. 0.00 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

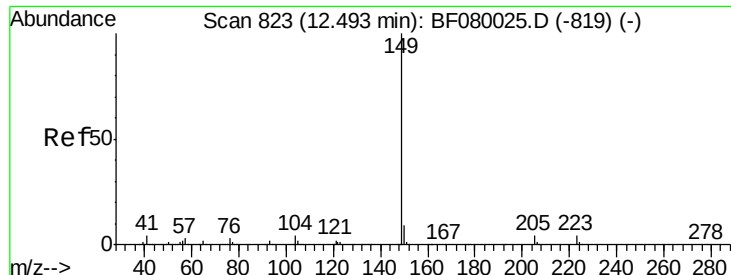
Tgt Ion:167 Resp: 315796  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 15.7 23.5  
 139 11.2 9.5 14.3



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: 37.38 ng

RT: 12.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

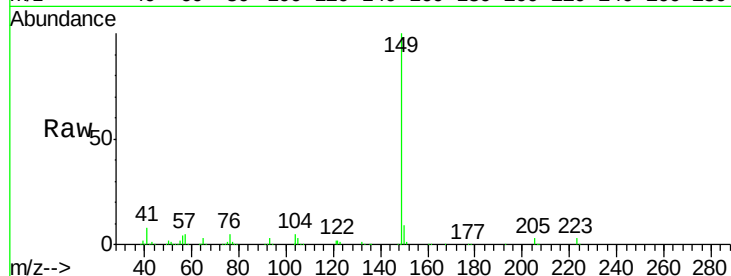
Tgt Ion:149 Resp: 359382

Ion Ratio Lower Upper

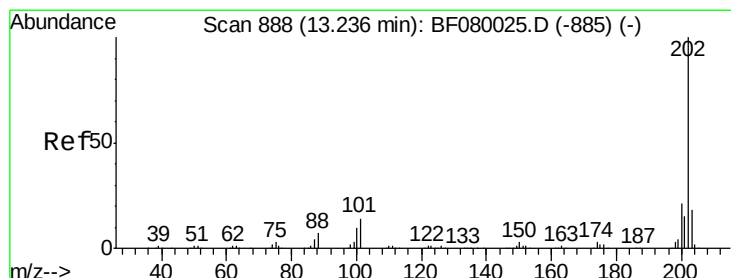
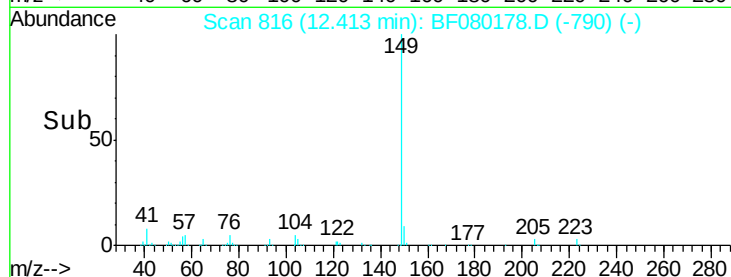
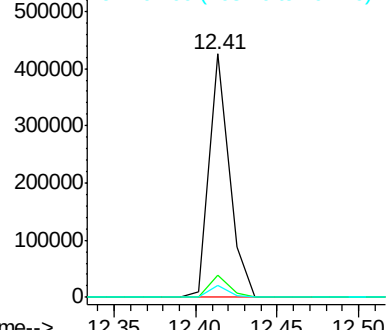
149 100

150 9.3 7.4 11.2

104 4.8 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.84 ng

RT: 13.13 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

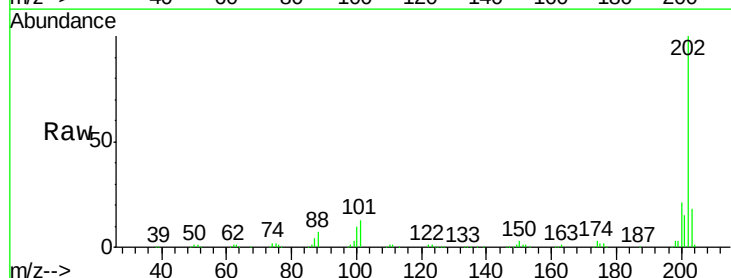
Tgt Ion:202 Resp: 364848

Ion Ratio Lower Upper

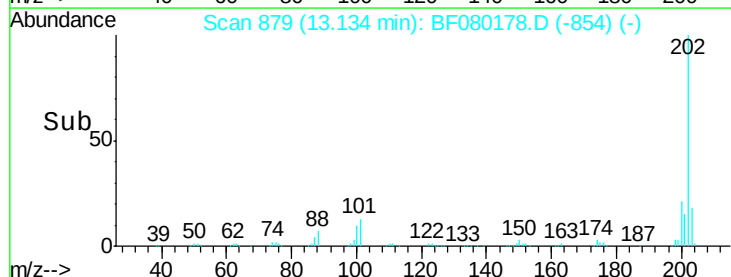
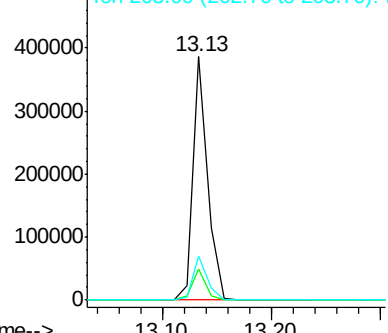
202 100

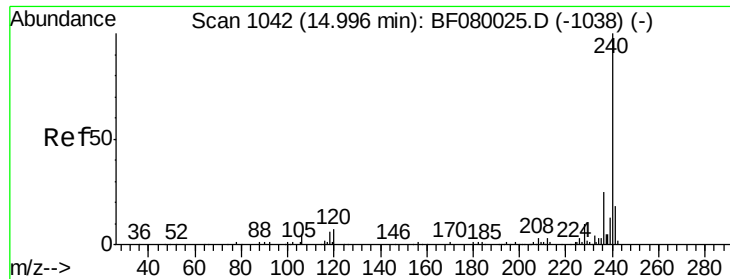
101 12.7 0.0 38.3

203 17.8 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

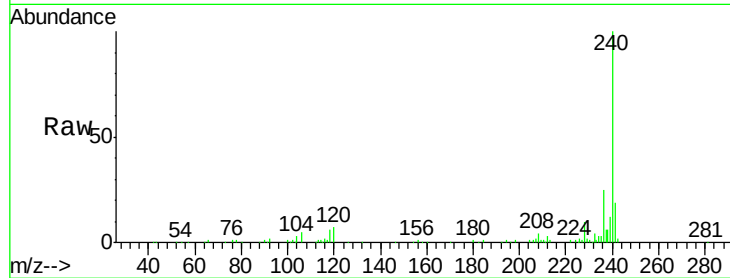
Tgt Ion:240 Resp: 159381

Ion Ratio Lower Upper

240 100

120 7.1 16.2 24.2#

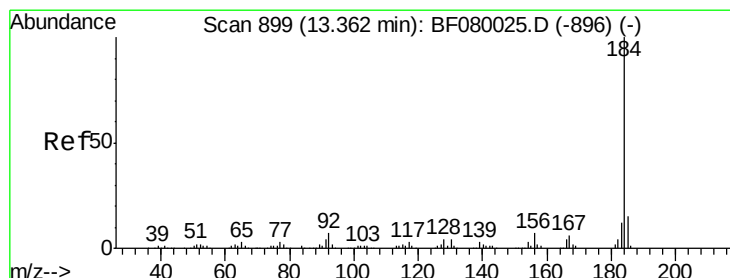
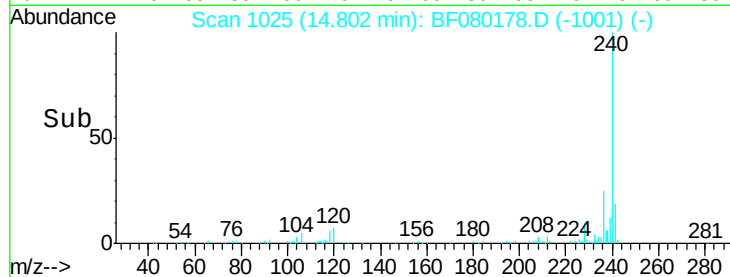
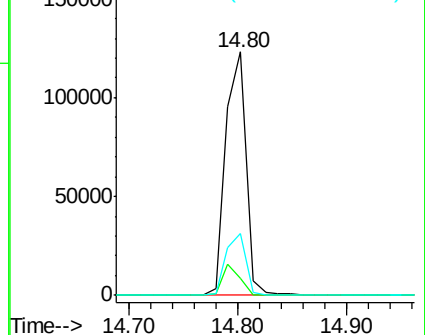
236 25.3 18.4 27.6



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: 40.82 ng

RT: 13.25 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

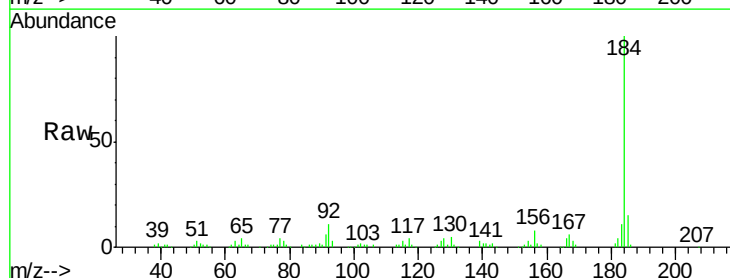
Tgt Ion:184 Resp: 181834

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

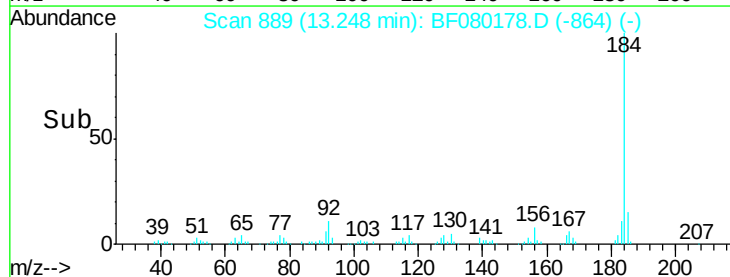
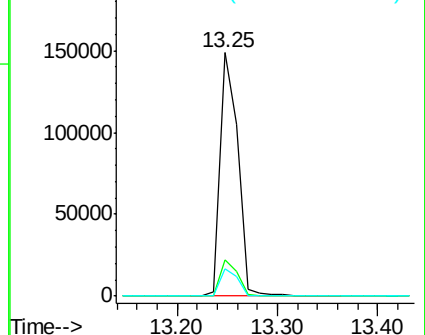
183 11.3 7.6 11.4

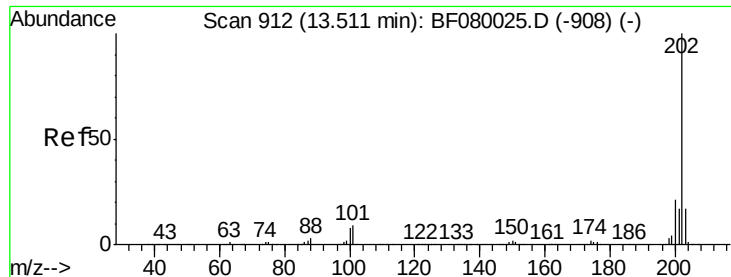


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

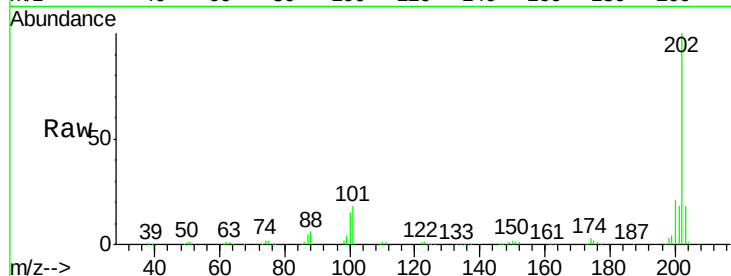




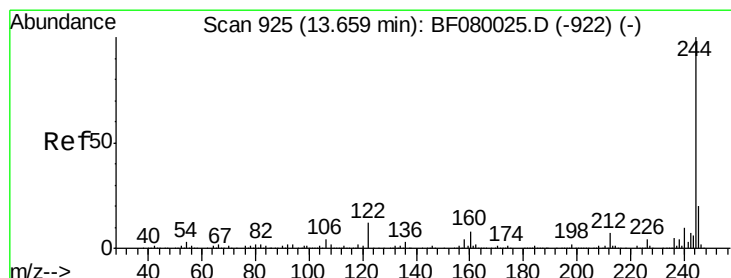
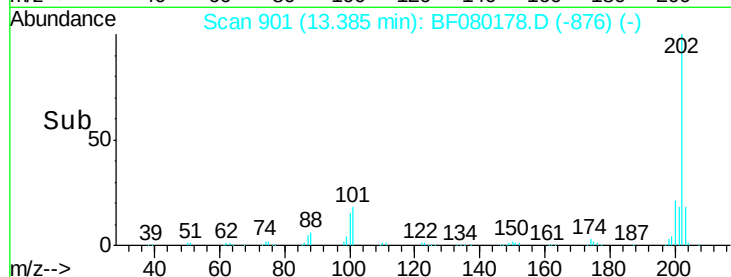
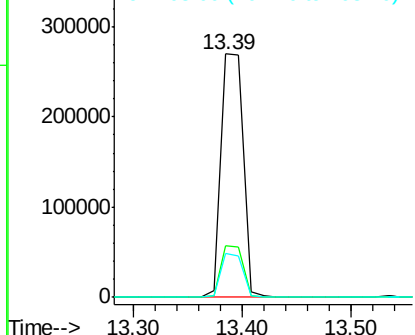
#77  
 Pyrene  
 Concen: 38.91 ng  
 RT: 13.39 min Scan# 901  
 Delta R.T. -0.01 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 202 Resp: 381782  
 Ion Ratio Lower Upper  
 202 100  
 200 21.1 15.0 22.4  
 203 17.8 14.1 21.1

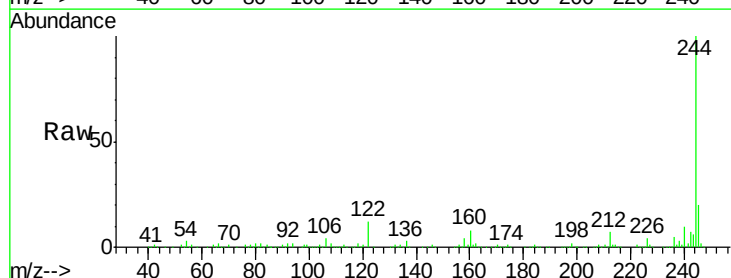


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

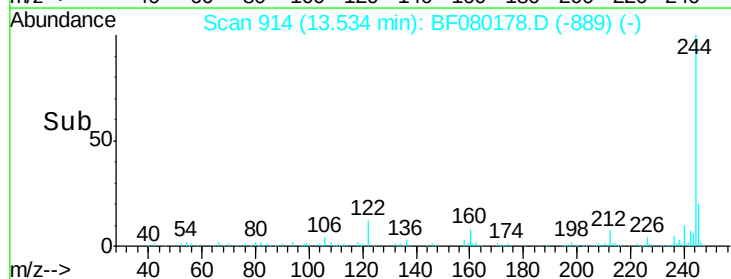
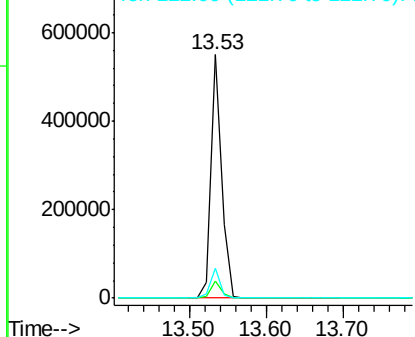


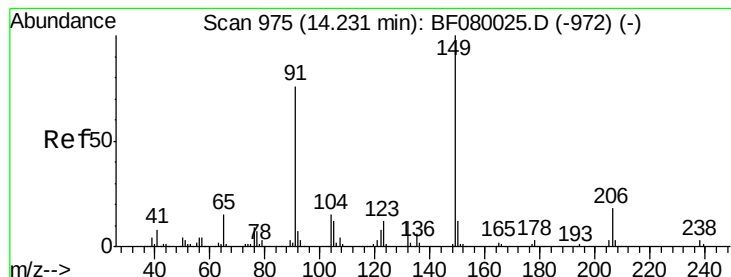
#78  
 Terphenyl-d14  
 Concen: 76.66 ng  
 RT: 13.53 min Scan# 914  
 Delta R.T. -0.01 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Tgt Ion: 244 Resp: 523149  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 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: 39.11 ng

RT: 14.07 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

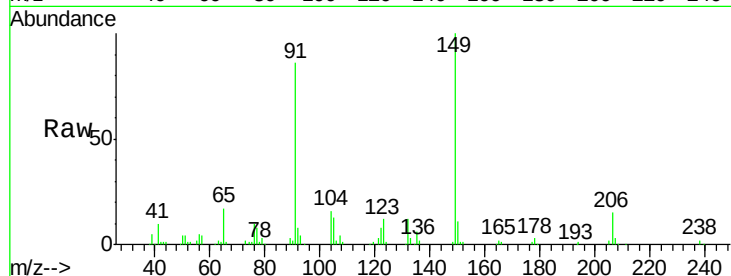
Tgt Ion:149 Resp: 154118

Ion Ratio Lower Upper

149 100

91 85.7 48.6 72.8#

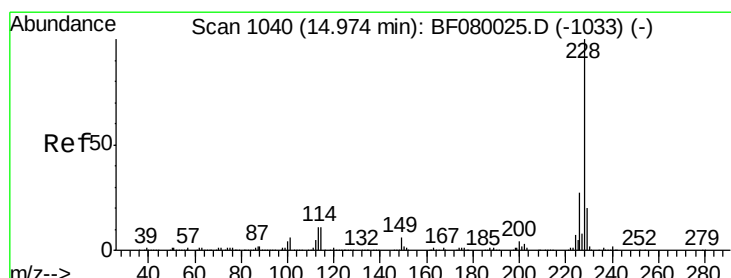
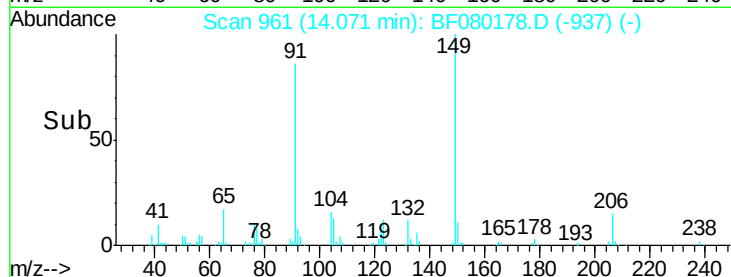
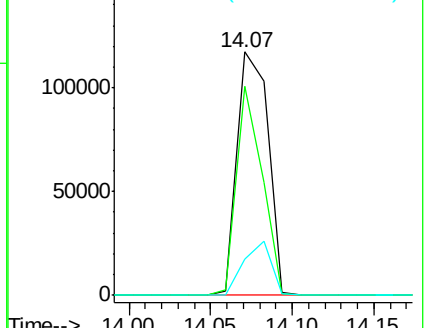
206 15.0 14.9 22.3



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: 38.83 ng

RT: 14.78 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

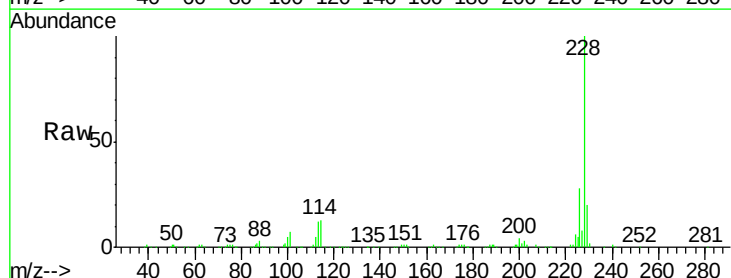
Tgt Ion:228 Resp: 377018

Ion Ratio Lower Upper

228 100

226 27.9 20.0 30.0

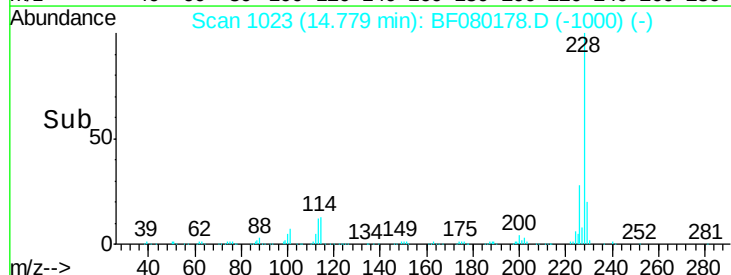
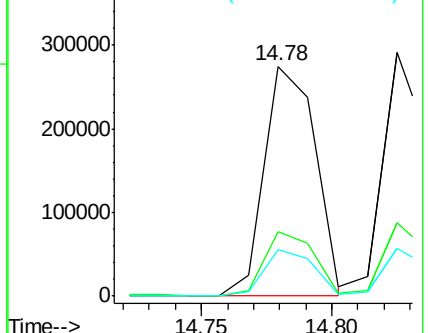
229 20.1 15.4 23.2

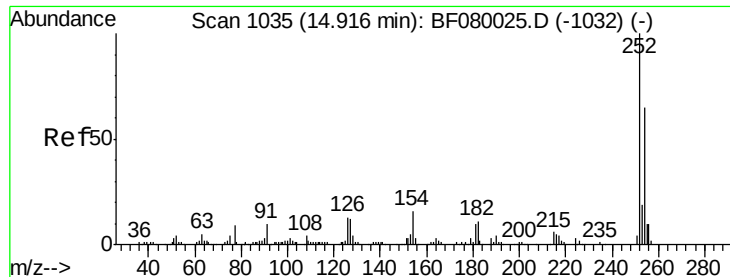


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

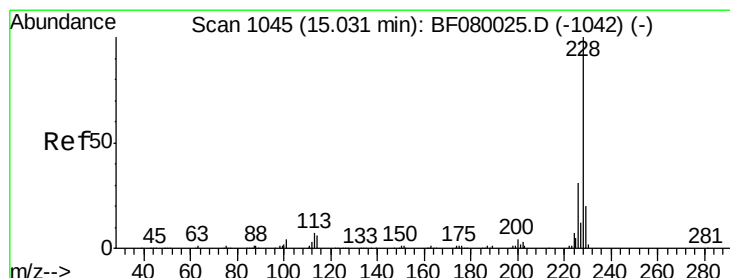
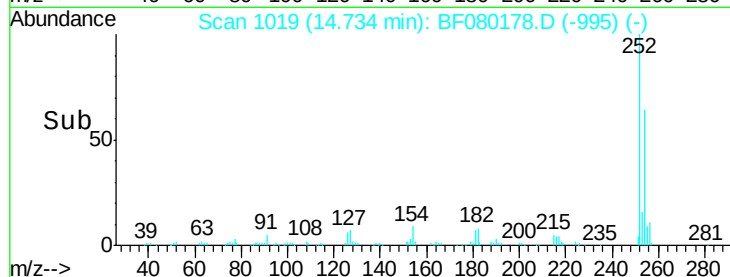
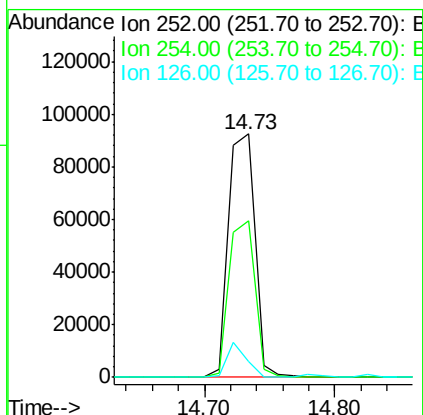
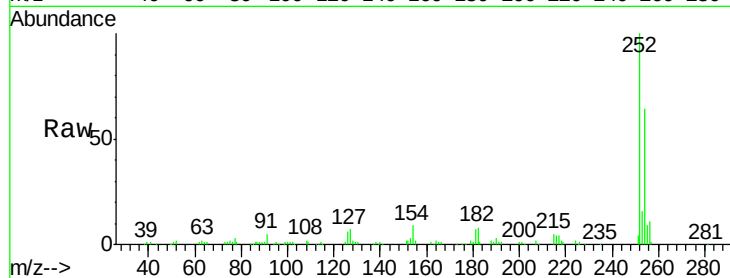




#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.01 ng  
 RT: 14.73 min Scan# 1019  
 Delta R.T. -0.02 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

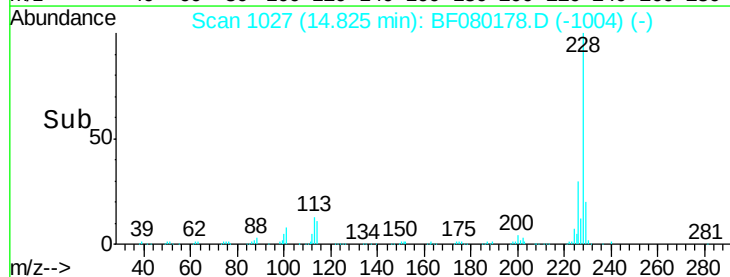
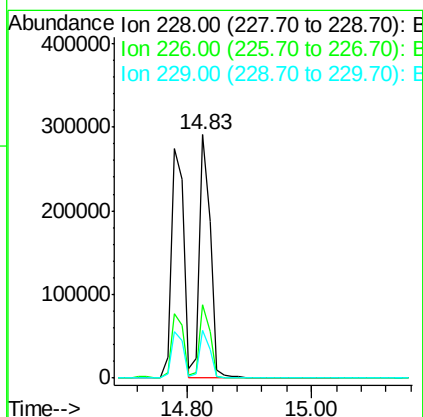
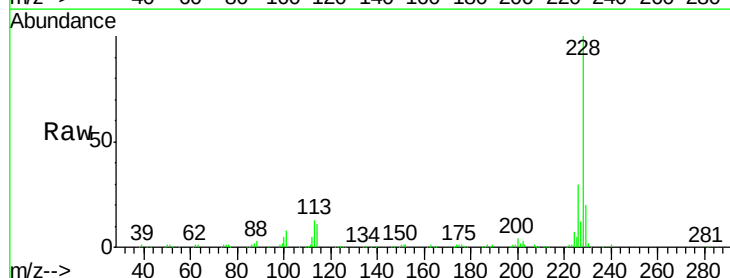
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

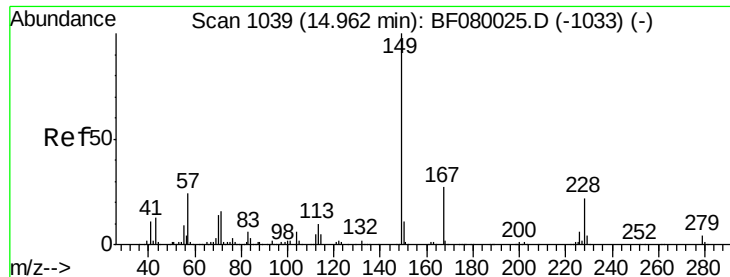
Tgt Ion:252 Resp: 130629  
 Ion Ratio Lower Upper  
 252 100  
 254 64.4 51.4 77.2  
 126 6.3 16.4 24.6#



#82  
 Chrysene  
 Concen: 40.02 ng  
 RT: 14.83 min Scan# 1027  
 Delta R.T. -0.03 min  
 Lab File: BF080178.D  
 Acq: 25 Jun 2015 21:05

Tgt Ion:228 Resp: 358279  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 21.0 31.4  
 229 19.7 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.50 ng

RT: 14.76 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

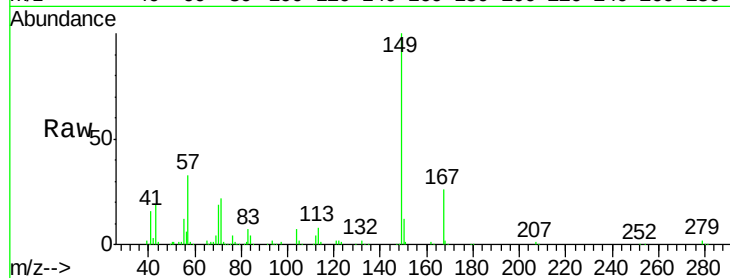
Tgt Ion:149 Resp: 233579

Ion Ratio Lower Upper

149 100

167 25.5 24.2 36.2

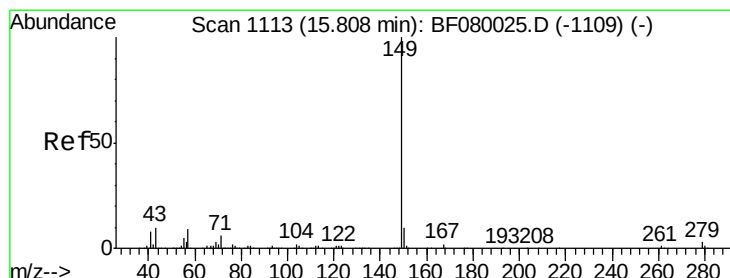
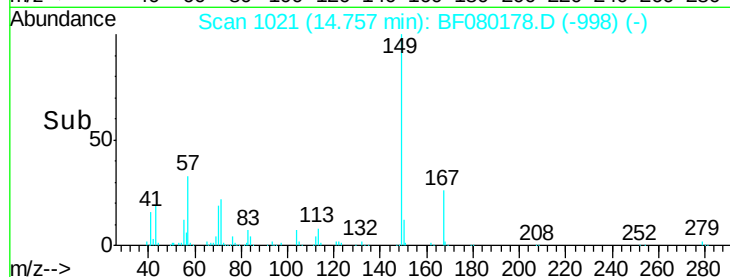
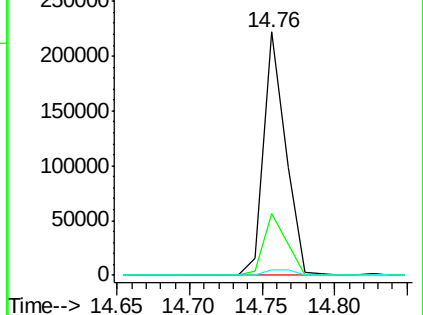
279 2.4 3.8 5.6#



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: 37.11 ng

RT: 15.56 min Scan# 1091

Delta R.T. -0.06 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

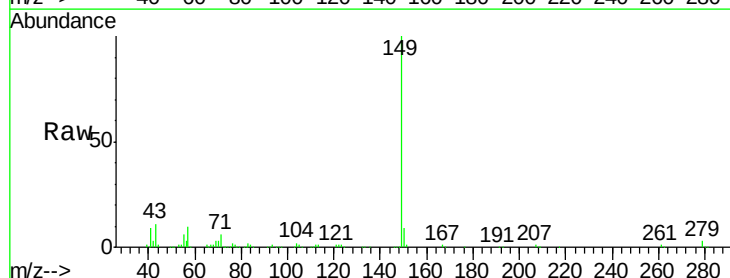
Tgt Ion:149 Resp: 396071

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

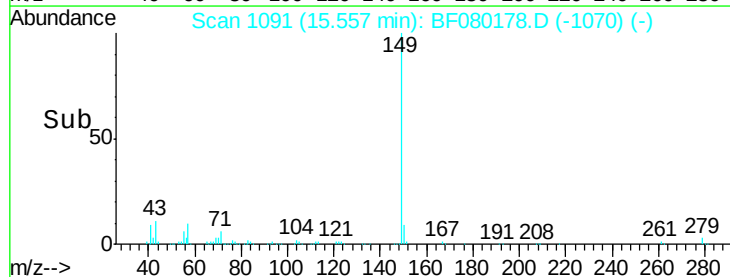
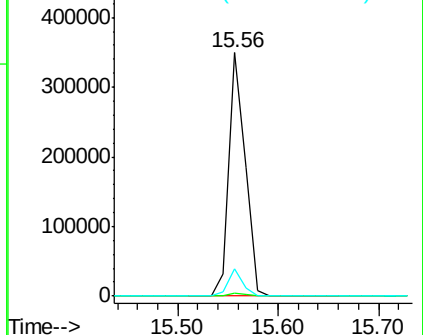
43 11.1 10.2 15.2

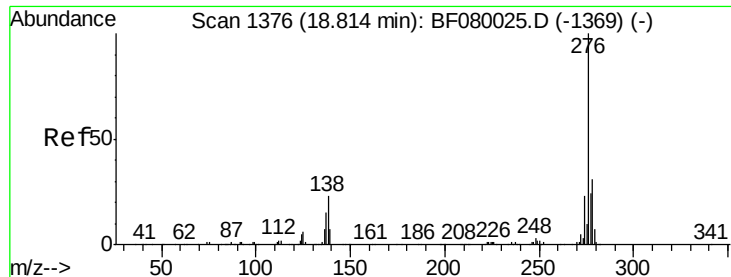


Abundance Ion 149.00 (148.70 to 149.70): E

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: 39.05 ng

RT: 18.49 min Scan# 1348

Delta R.T. -0.06 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

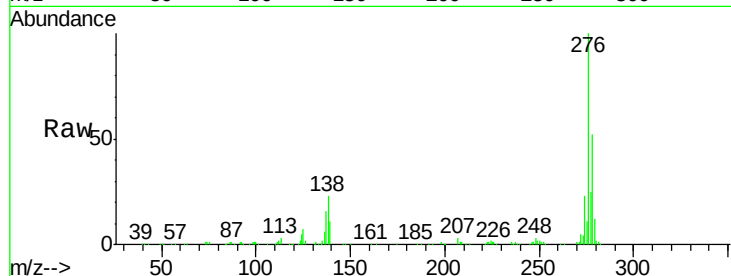
Tgt Ion:276 Resp: 440861

Ion Ratio Lower Upper

276 100

138 25.4 25.7 38.5#

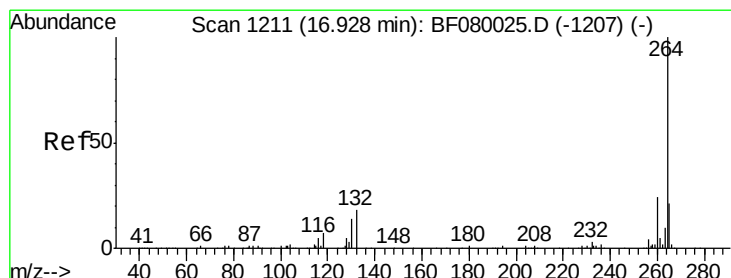
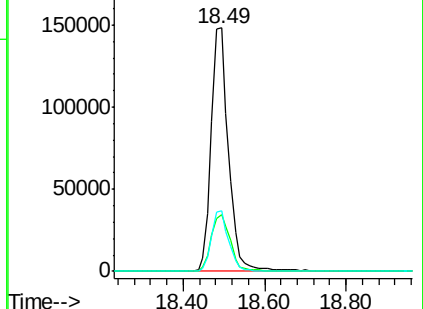
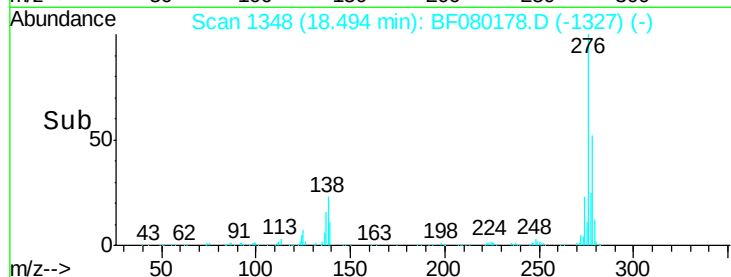
277 24.7 15.6 23.4#



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: 16.65 min Scan# 1187

Delta R.T. -0.06 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

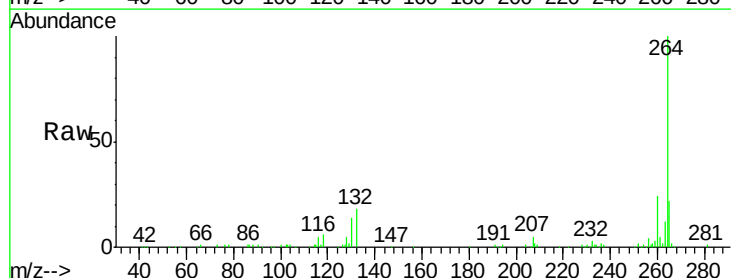
Tgt Ion:264 Resp: 157177

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

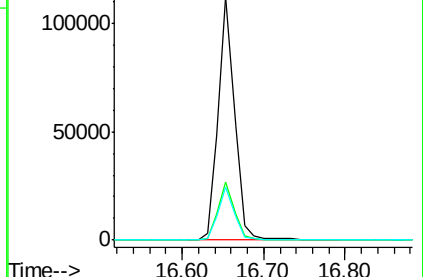
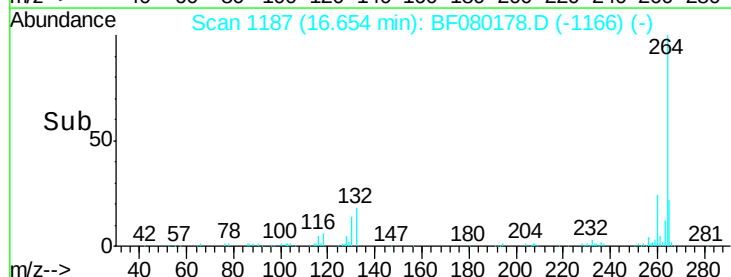
265 21.6 17.2 25.8

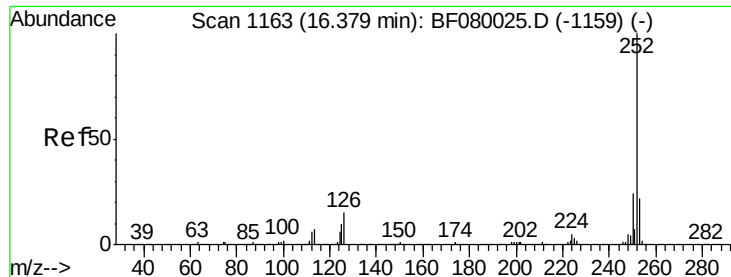


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

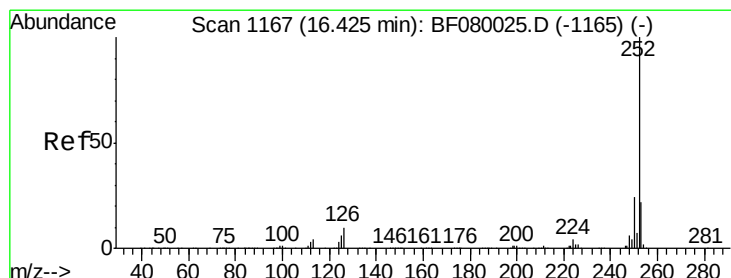
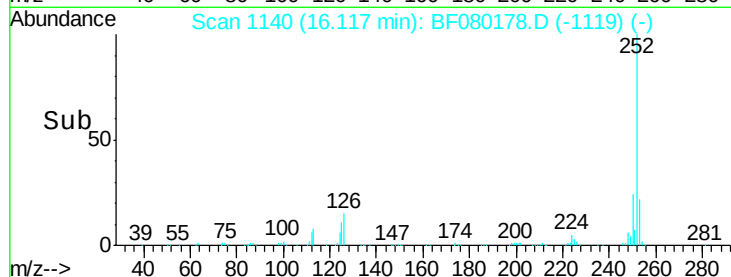
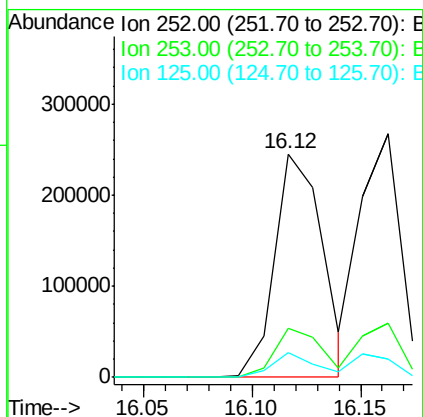
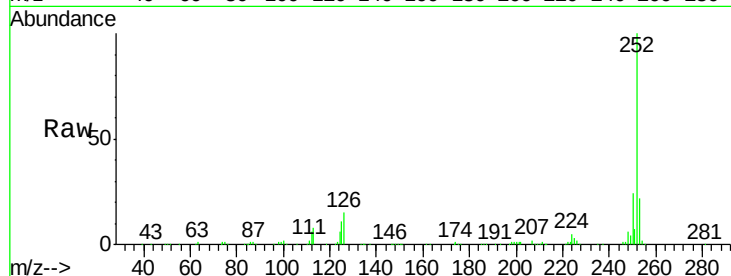




#87  
Benzo(b)fluoranthene  
Concen: 39.70 ng  
RT: 16.12 min Scan# 1140  
Delta R.T. -0.06 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

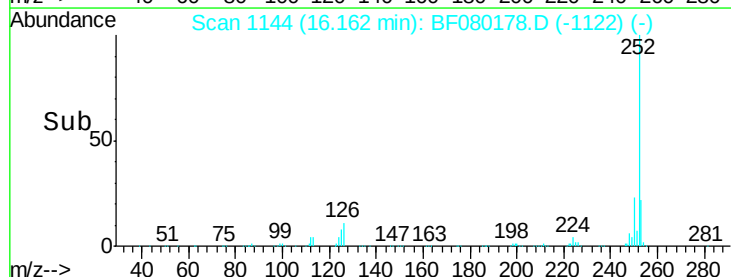
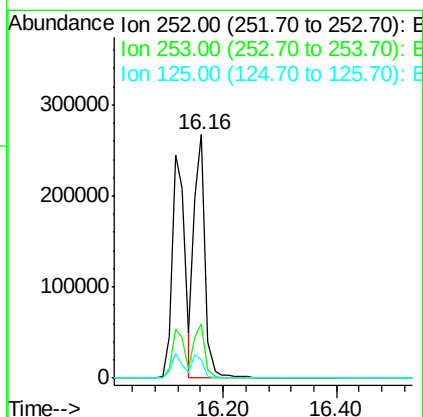
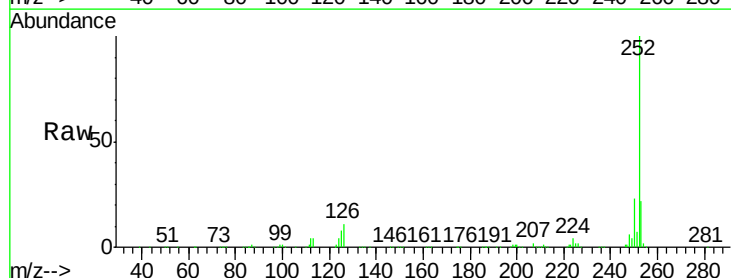
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:252 Resp: 377822  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 11.1 17.1 25.7#

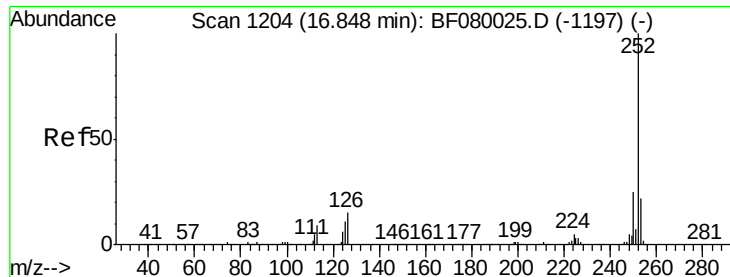


#88  
Benzo(k)fluoranthene  
Concen: 37.81 ng  
RT: 16.16 min Scan# 1144  
Delta R.T. -0.05 min  
Lab File: BF080178.D  
Acq: 25 Jun 2015 21:05

Tgt Ion:252 Resp: 366365  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.0 25.4  
125 7.7 16.0 24.0#







#89

Benzo(a)pyrene

Concen: 39.82 ng

RT: 16.57 min Scan# 1180

Delta R.T. -0.06 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

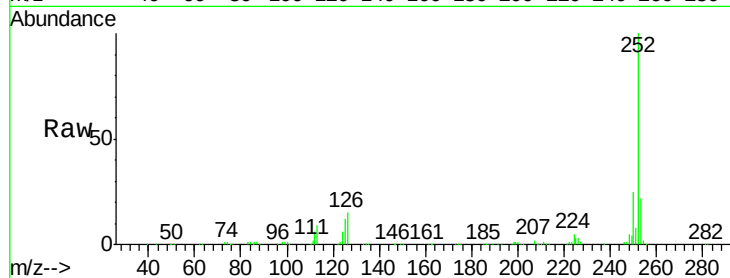
Tgt Ion:252 Resp: 359897

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

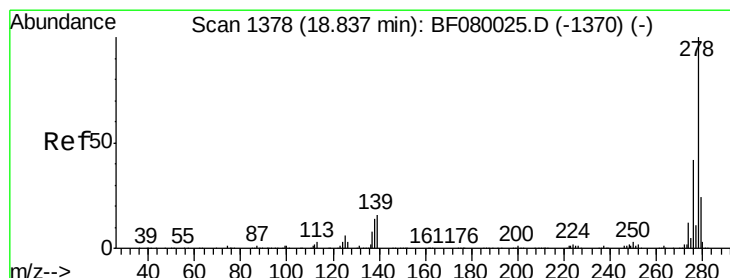
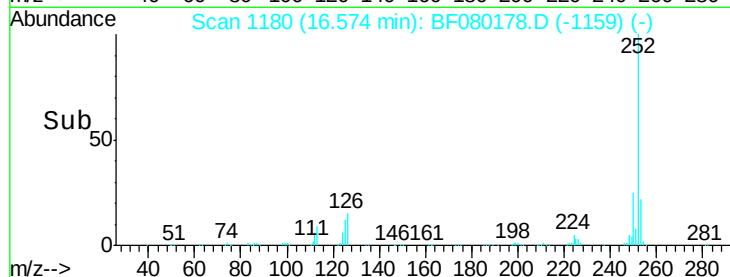
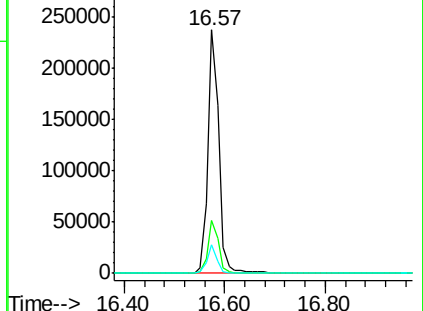
125 11.9 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.50 ng

RT: 18.51 min Scan# 1349

Delta R.T. -0.07 min

Lab File: BF080178.D

Acq: 25 Jun 2015 21:05

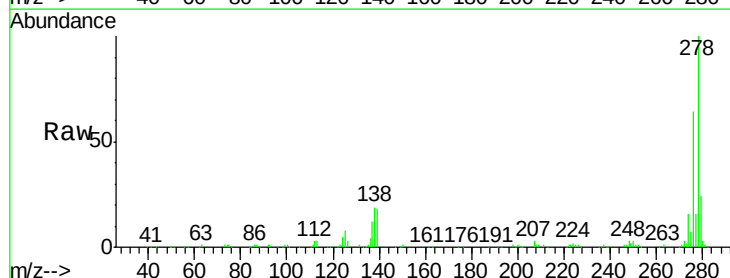
Tgt Ion:278 Resp: 356154

Ion Ratio Lower Upper

278 100

139 17.9 26.3 39.5#

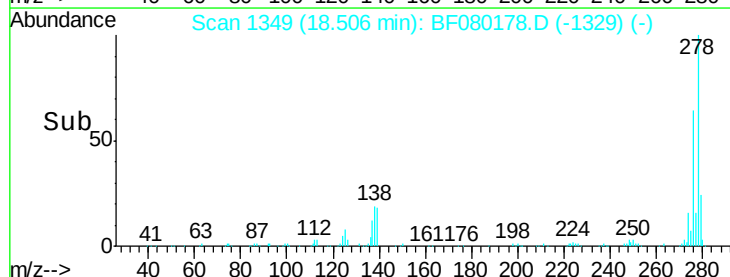
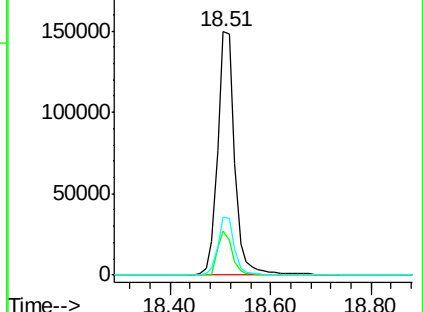
279 23.9 18.2 27.4

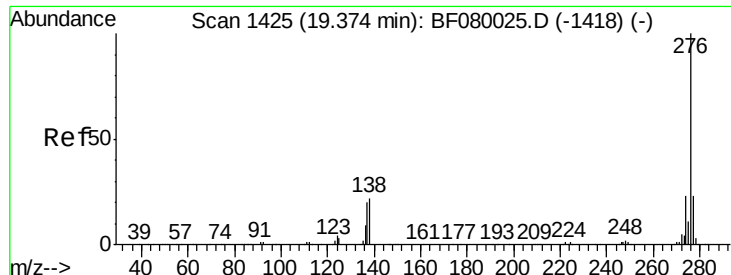


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.62 ng

RT: 19.04 min Scan# 1396

Delta R.T. -0.07 min

Lab File: BF080178.D

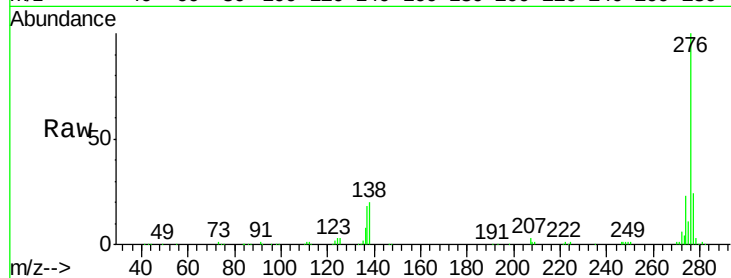
Acq: 25 Jun 2015 21:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 360733 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.1  | 17.8  | 26.6   |
| 138       | 20.2  | 34.6  | 51.8#  |

