

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031115\  
 Data File : BF077702.D  
 Acq On : 11 Mar 2015 22:53  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 12 04:53:53 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 12 02:24:12 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.17  | 152  | 51833    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.75  | 136  | 218875   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.91 | 164  | 109419   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.75 | 188  | 212129   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.03 | 240  | 215184   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.70 | 264  | 207430   | 20.00 | ng    | -0.02    |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.45  | 112 | 236082 | 79.50 | ng | -0.01 |
| 7) Phenol-d6                | 6.73  | 99  | 291970 | 79.58 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.86  | 82  | 256227 | 76.74 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 11.89 | 330 | 79679  | 76.11 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 10.09 | 172 | 562242 | 75.51 | ng | 0.00  |
| 78) Terphenyl-d14           | 14.74 | 244 | 679825 | 77.17 | ng | -0.01 |

|                                |      |     |        |       |    |        |
|--------------------------------|------|-----|--------|-------|----|--------|
| Target Compounds               |      |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.05 | 88  | 51814  | 38.43 | ng | # 100  |
| 3) Pyridine                    | 2.74 | 79  | 151685 | 41.87 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 2.67 | 42  | 60999  | 38.67 | ng | 90     |
| 6) Aniline                     | 6.75 | 93  | 211191 | 40.24 | ng | # 40   |
| 8) 2-Chlorophenol              | 6.90 | 128 | 141416 | 40.01 | ng | 97     |
| 9) Benzaldehyde                | 6.61 | 77  | 63375  | 42.16 | ng | 98     |
| 10) Phenol                     | 6.75 | 94  | 178371 | 41.13 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.86 | 93  | 130817 | 40.27 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.09 | 146 | 157165 | 39.98 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.20 | 146 | 159294 | 39.00 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.38 | 146 | 148458 | 39.64 | ng | 99     |
| 15) Benzyl Alcohol             | 7.36 | 79  | 114742 | 40.07 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.54 | 45  | 182371 | 41.66 | ng | 99     |
| 17) 2-Methylphenol             | 7.50 | 107 | 112412 | 39.07 | ng | 98     |
| 18) Hexachloroethane           | 7.79 | 117 | 54297  | 40.53 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.69 | 70  | 100985 | 39.79 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.70 | 107 | 152542 | 40.40 | ng | 98     |
| 22) Acetophenone               | 7.68 | 105 | 189799 | 39.17 | ng | # 99   |
| 24) Nitrobenzene               | 7.88 | 77  | 139861 | 38.88 | ng | 98     |
| 25) Isophorone                 | 8.19 | 82  | 265941 | 39.44 | ng | 96     |
| 26) 2-Nitrophenol              | 8.28 | 139 | 69955  | 39.72 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 8.35 | 122 | 124694 | 38.87 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 8.46 | 93  | 156613 | 38.26 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.58 | 162 | 120845 | 39.52 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.68 | 180 | 134842 | 39.41 | ng | 99     |
| 31) Naphthalene                | 8.77 | 128 | 443667 | 39.47 | ng | 100    |
| 32) Benzoic acid               | 8.45 | 122 | 57225  | 33.01 | ng | 97     |
| 33) 4-Chloroaniline            | 8.85 | 127 | 178582 | 39.14 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.93 | 225 | 76448  | 39.42 | ng | 98     |
| 35) Caprolactam                | 9.26 | 113 | 34989  | 39.15 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 9.46 | 107 | 116538 | 37.87 | ng | 95     |
| 37) 2-Methylnaphthalene        | 9.63 | 142 | 299593 | 39.67 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.84 | 216 | 129308 | 39.62 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 9.82 | 237 | 56804  | 36.56 | ng | 98     |

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Quant Time: Mar 12 04:53:53 2015  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

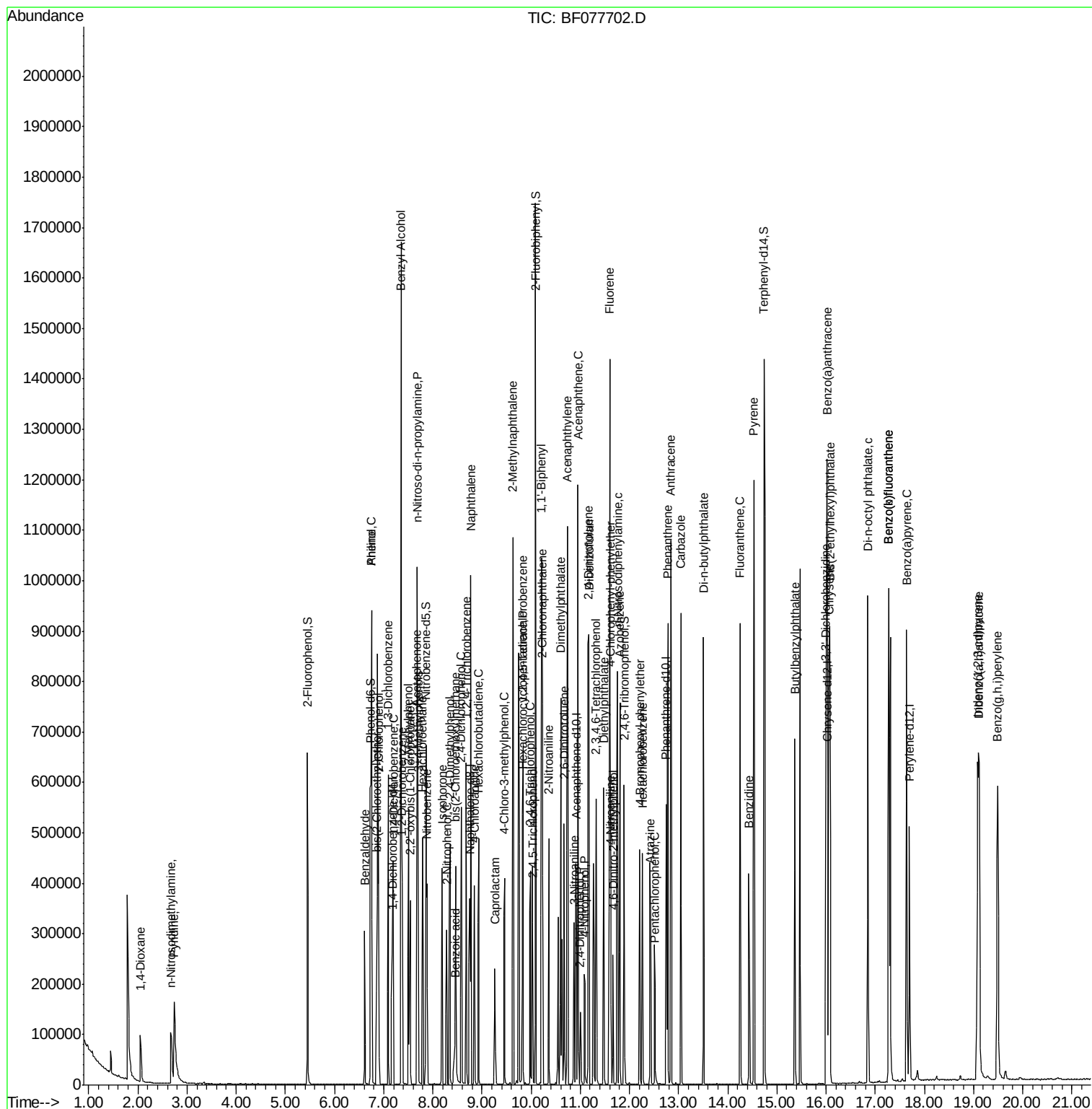
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.98  | 196  | 84962    | 37.58 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 10.03 | 196  | 93314    | 38.21 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 10.21 | 154  | 347062   | 39.68 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 10.22 | 162  | 267961   | 37.70 | ng    | # 91     |
| 47) 2-Nitroaniline             | 10.36 | 65   | 74155    | 42.01 | ng    | 98       |
| 48) Acenaphthylene             | 10.74 | 152  | 461242   | 39.02 | ng    | 100      |
| 49) Dimethylphthalate          | 10.60 | 163  | 321813   | 39.65 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 10.67 | 165  | 68276    | 40.59 | ng    | 97       |
| 51) Acenaphthene               | 10.96 | 154  | 268602   | 39.63 | ng    | 98       |
| 52) 3-Nitroaniline             | 10.88 | 138  | 77689    | 39.77 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 11.00 | 184  | 19674    | 36.69 | ng    | 91       |
| 54) Dibenzofuran               | 11.17 | 168  | 396532   | 39.45 | ng    | 99       |
| 55) 4-Nitrophenol              | 11.09 | 139  | 58398    | 40.35 | ng    | 94       |
| 56) 2,4-Dinitrotoluene         | 11.16 | 165  | 85297    | 38.88 | ng    | 96       |
| 57) Fluorene                   | 11.60 | 166  | 333146   | 39.92 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.32 | 232  | 75420    | 40.11 | ng    | # 100    |
| 59) Diethylphthalate           | 11.48 | 149  | 304785   | 38.54 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 11.61 | 204  | 146500   | 38.46 | ng    | 96       |
| 61) 4-Nitroaniline             | 11.62 | 138  | 75240    | 38.64 | ng    | 77       |
| 62) Azobenzene                 | 11.80 | 77   | 301137   | 39.85 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 11.66 | 198  | 35497    | 36.57 | ng    | 91       |
| 65) n-Nitrosodiphenylamine     | 11.76 | 169  | 276041   | 39.08 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.21 | 248  | 89644    | 39.60 | ng    | 97       |
| 67) Hexachlorobenzene          | 12.27 | 284  | 93773    | 37.70 | ng    | 95       |
| 68) Atrazine                   | 12.43 | 200  | 77516    | 39.16 | ng    | 97       |
| 69) Pentachlorophenol          | 12.52 | 266  | 46127    | 37.12 | ng    | 98       |
| 70) Phenanthrene               | 12.78 | 178  | 482629   | 39.63 | ng    | 100      |
| 71) Anthracene                 | 12.84 | 178  | 458837   | 38.14 | ng    | 100      |
| 72) Carbazole                  | 13.05 | 167  | 428450   | 37.44 | ng    | 100      |
| 73) Di-n-butylphthalate        | 13.51 | 149  | 501371   | 39.07 | ng    | 100      |
| 74) Fluoranthene               | 14.25 | 202  | 507260   | 37.77 | ng    | 94       |
| 76) Benzidine                  | 14.43 | 184  | 202330   | 37.99 | ng    | 99       |
| 77) Pyrene                     | 14.53 | 202  | 528730   | 39.07 | ng    | 100      |
| 79) Butylbenzylphthalate       | 15.37 | 149  | 209388   | 39.25 | ng    | 97       |
| 80) Benzo(a)anthracene         | 16.02 | 228  | 506135   | 39.68 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 16.00 | 252  | 160594   | 38.17 | ng    | 99       |
| 82) Chrysene                   | 16.07 | 228  | 446361   | 38.92 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 16.08 | 149  | 321567   | 39.79 | ng    | # 95     |
| 84) Di-n-octyl phthalate       | 16.85 | 149  | 539379   | 39.04 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 19.08 | 276  | 557539   | 38.95 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 17.28 | 252  | 476748   | 35.21 | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 17.28 | 252  | 476748   | 45.07 | ng    | 99       |
| 89) Benzo(a)pyrene             | 17.64 | 252  | 459400   | 40.66 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 19.12 | 278  | 450292   | 40.18 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 19.49 | 276  | 455399   | 39.92 | ng    | 99       |

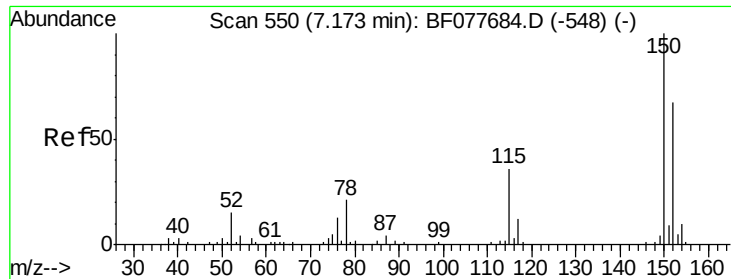
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : TP/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

Quant Time: Mar 12 04:53:53 2015  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

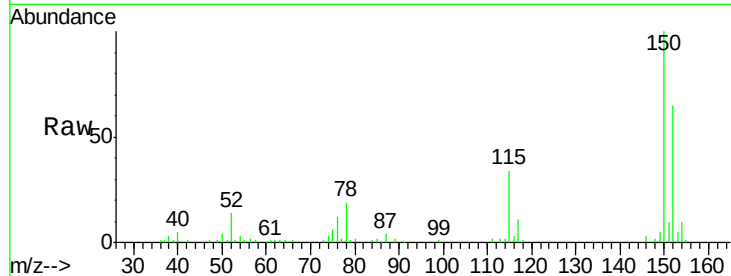
Tgt Ion:152 Resp: 51833

Ion Ratio Lower Upper

152 100

150 152.7 119.5 179.3

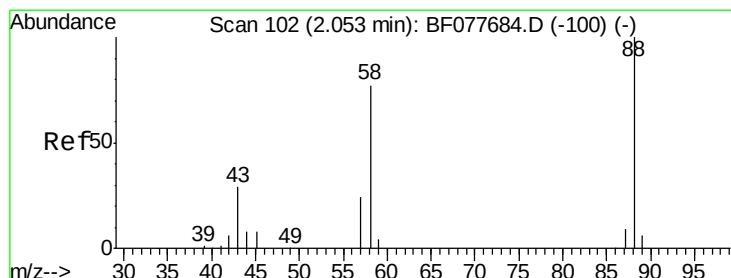
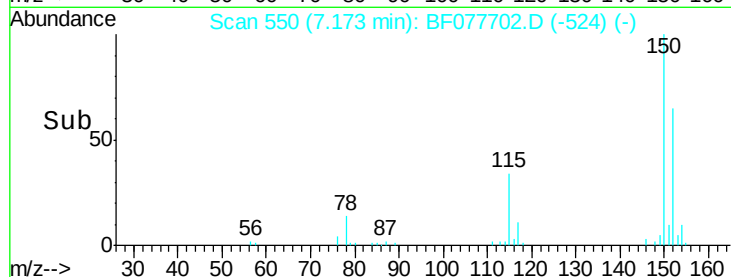
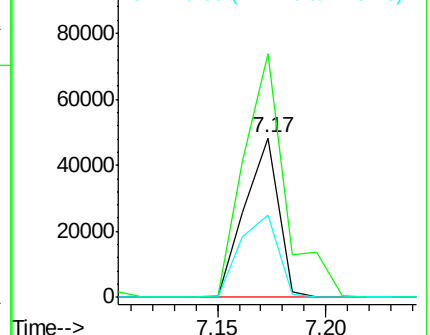
115 51.5 43.0 64.4



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: 38.43 ng

RT: 2.05 min Scan# 102

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

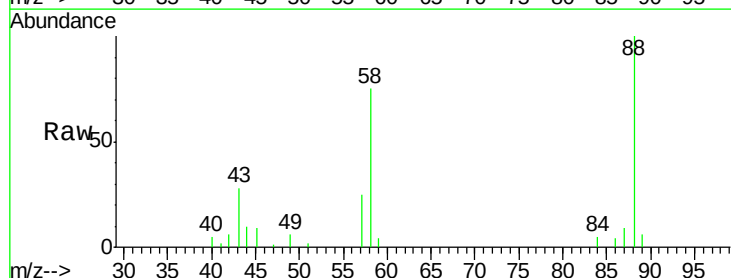
Tgt Ion: 88 Resp: 51814

Ion Ratio Lower Upper

88 100

58 71.0 0.0 0.0#

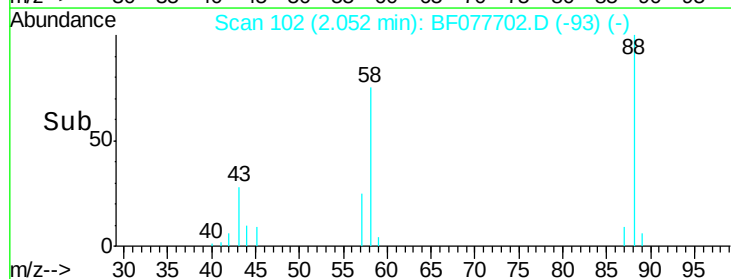
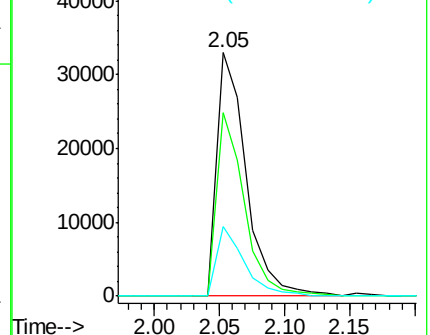
43 26.9 0.0 0.0#

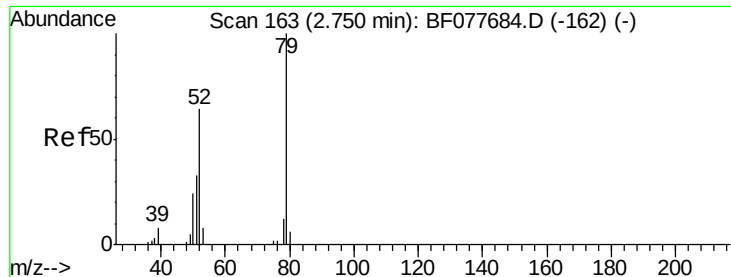


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.87 ng

RT: 2.74 min Scan# 162

Delta R.T. -0.01 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

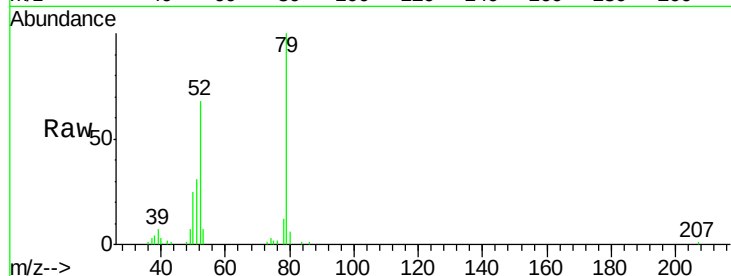
Tgt Ion: 79 Resp: 151685

Ion Ratio Lower Upper

79 100

52 68.1 51.1 76.7

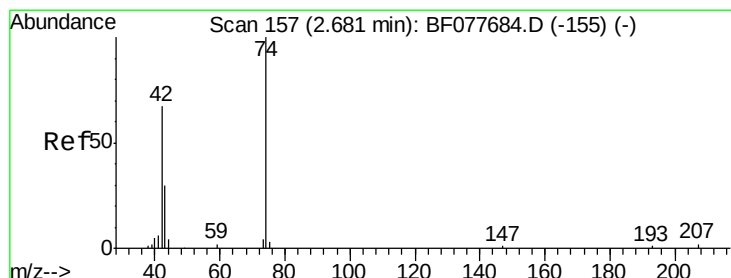
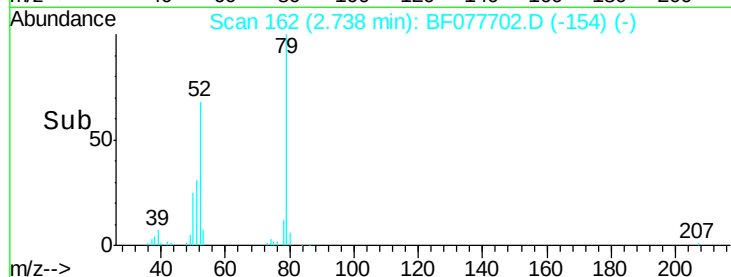
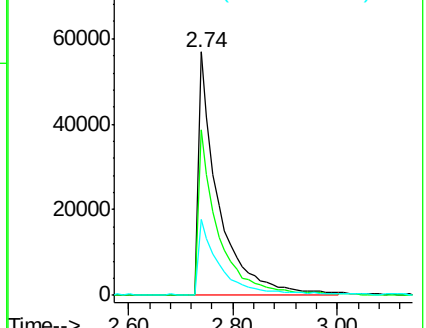
51 31.3 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.67 ng

RT: 2.67 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

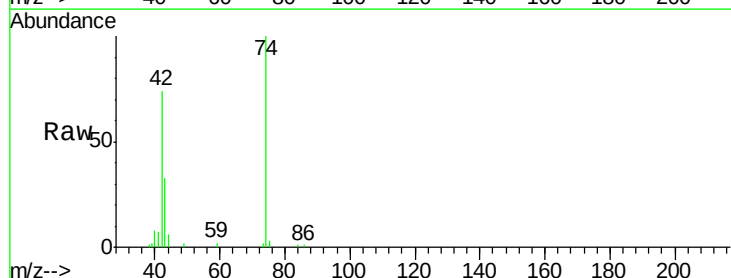
Tgt Ion: 42 Resp: 60999

Ion Ratio Lower Upper

42 100

74 135.5 119.3 178.9

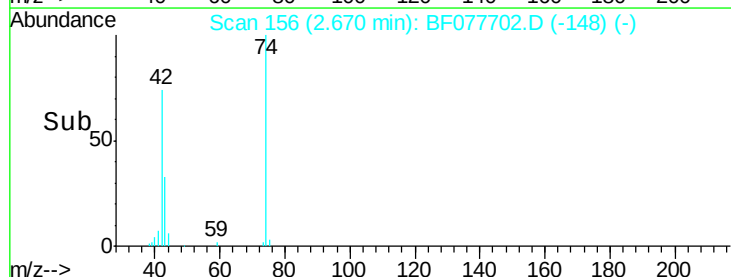
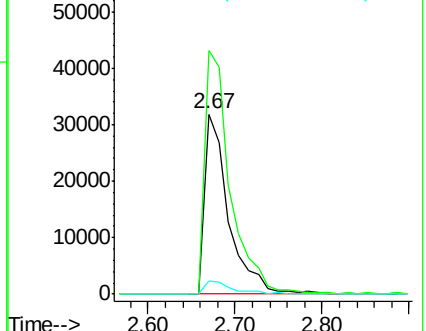
44 7.7 5.4 8.2

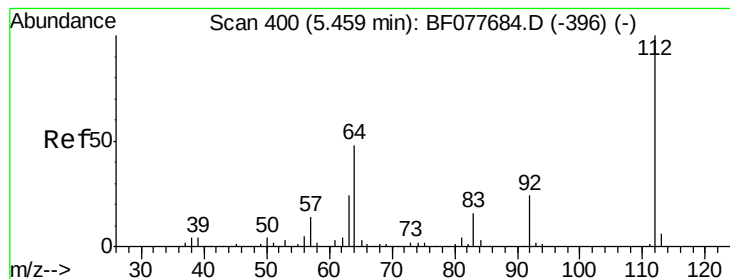


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.50 ng

RT: 5.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

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ClientSampleId :

SSTDCCC040

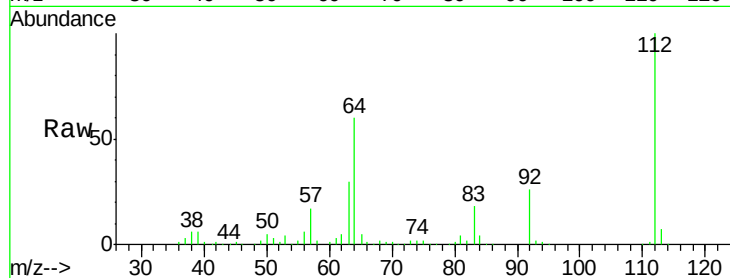
Tgt Ion: 112 Resp: 236082

Ion Ratio Lower Upper

112 100

64 60.3 38.6 57.8#

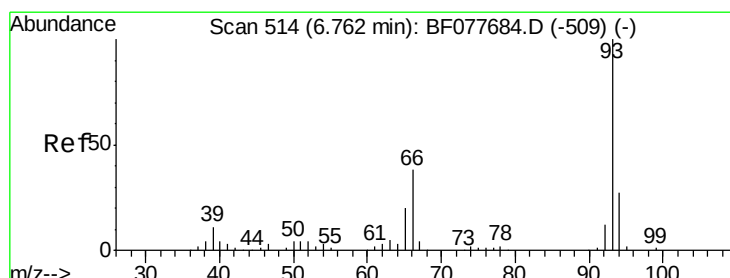
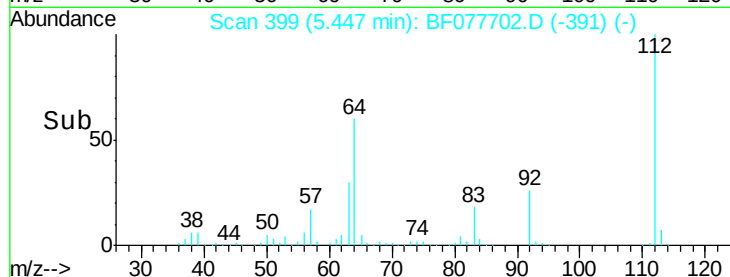
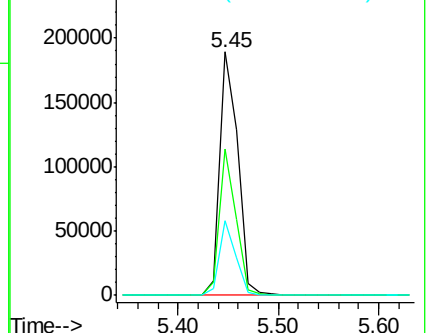
63 30.4 19.3 28.9#



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: 40.24 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

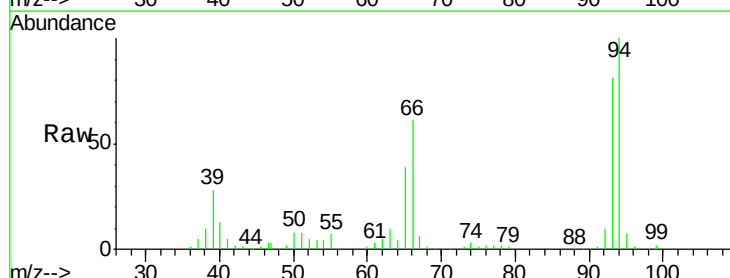
Tgt Ion: 93 Resp: 211191

Ion Ratio Lower Upper

93 100

66 75.1 30.8 46.2#

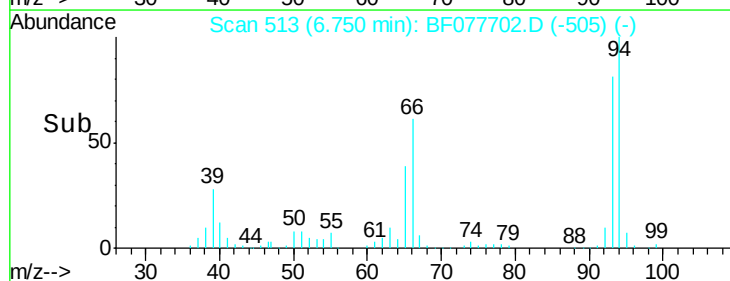
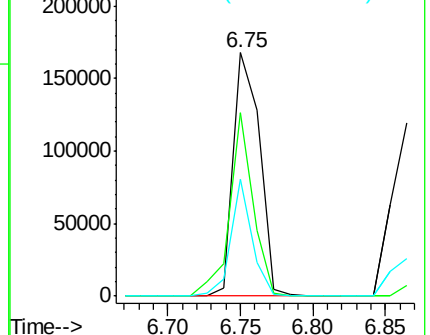
65 47.8 16.0 24.0#

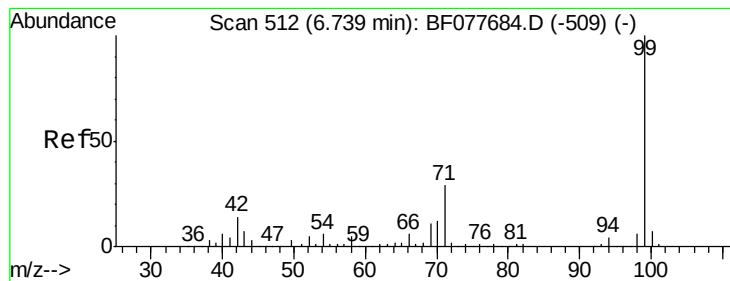


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.58 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

SSTDCCC040

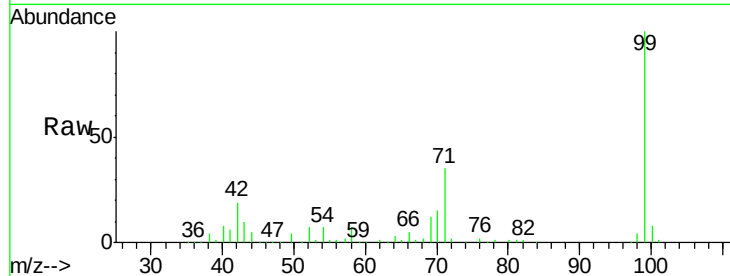
Tgt Ion: 99 Resp: 291970

Ion Ratio Lower Upper

99 100

42 19.5 11.0 16.4#

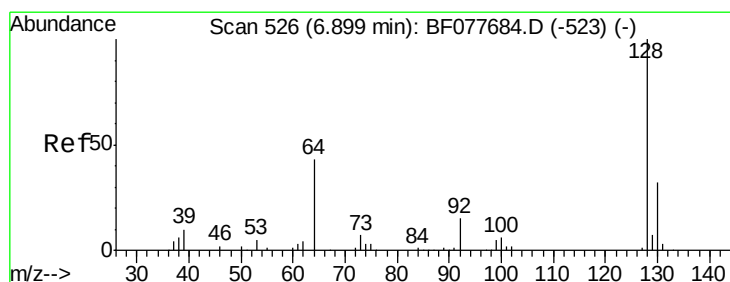
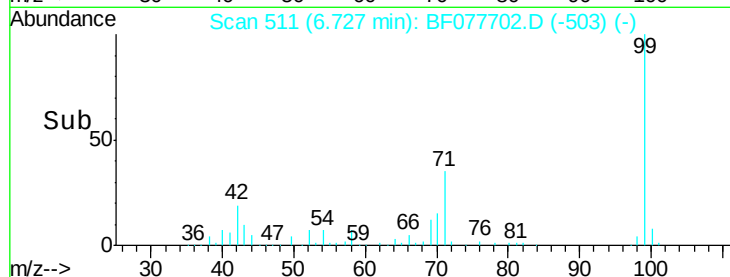
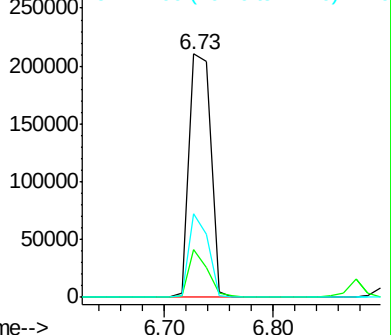
71 34.5 23.4 35.2



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: 40.01 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

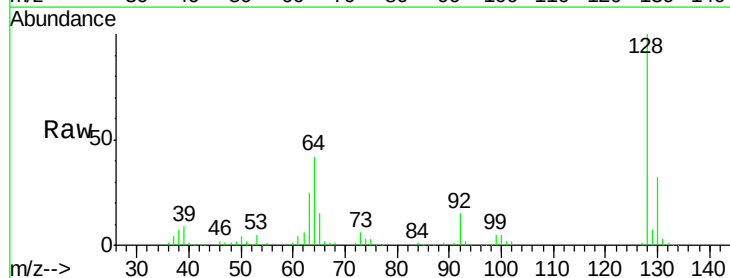
Tgt Ion: 128 Resp: 141416

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

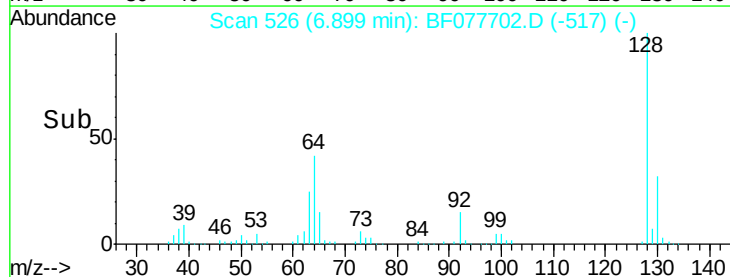
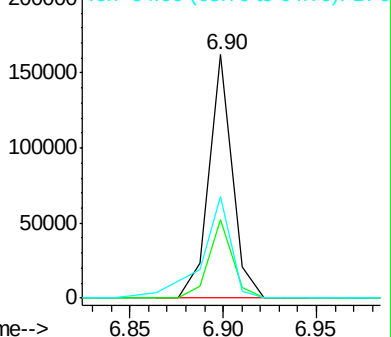
64 41.5 24.9 64.9

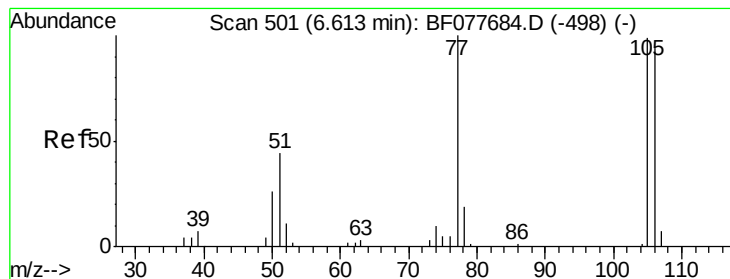


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.16 ng

RT: 6.61 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

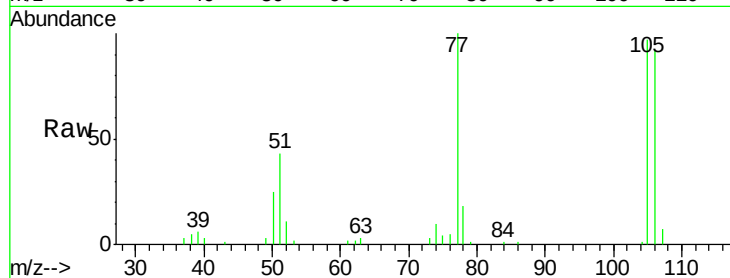
Tgt Ion: 77 Resp: 63375

Ion Ratio Lower Upper

77 100

105 96.7 78.8 118.8

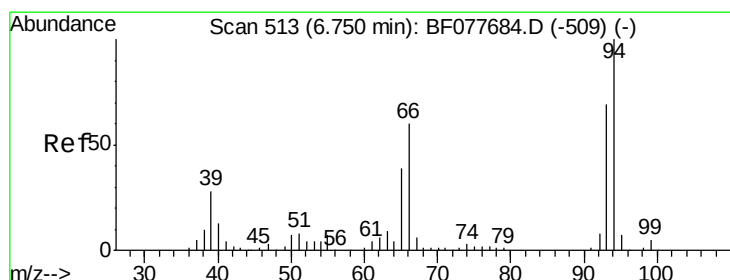
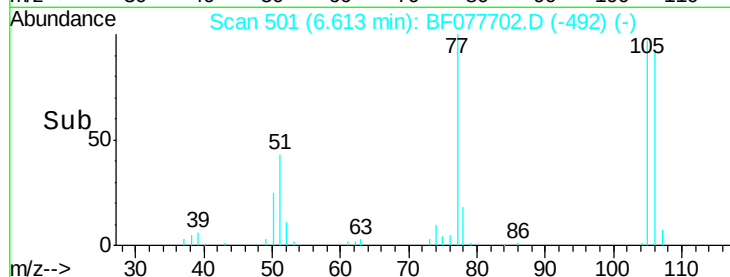
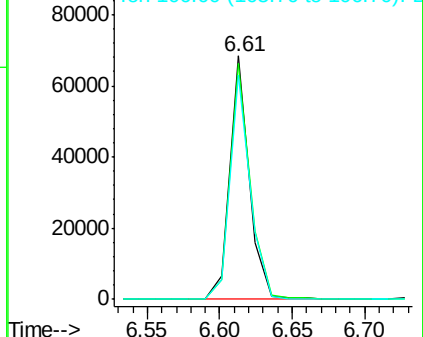
106 92.0 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.13 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

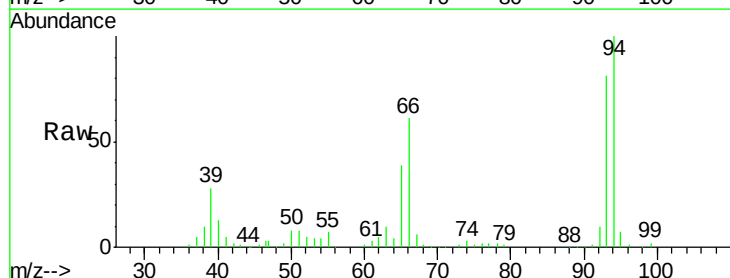
Tgt Ion: 94 Resp: 178371

Ion Ratio Lower Upper

94 100

65 38.9 18.8 58.8

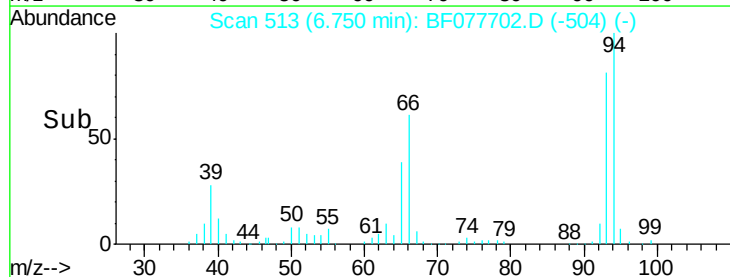
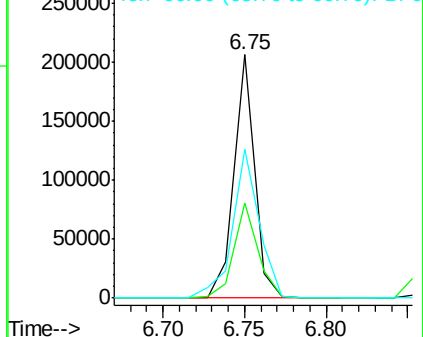
66 61.1 39.9 79.9



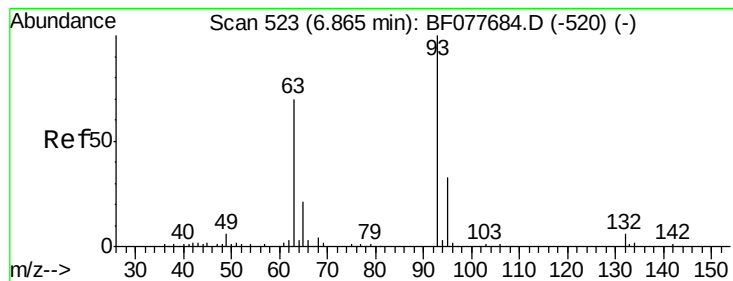
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0







#11

bis(2-Chloroethyl)ether

Concen: 40.27 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

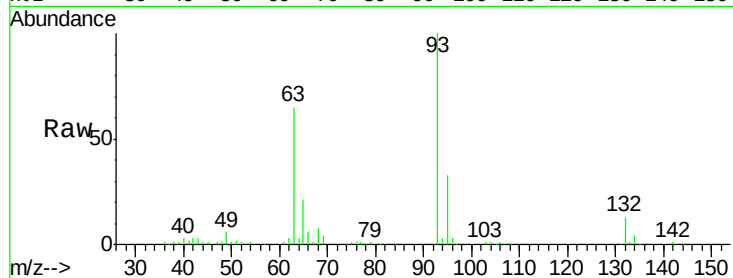
Tgt Ion: 93 Resp: 130817

Ion Ratio Lower Upper

93 100

63 65.5 49.5 89.5

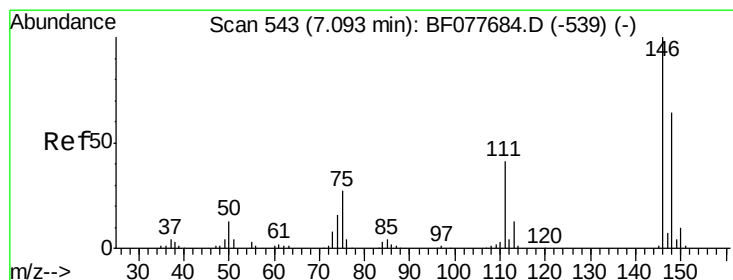
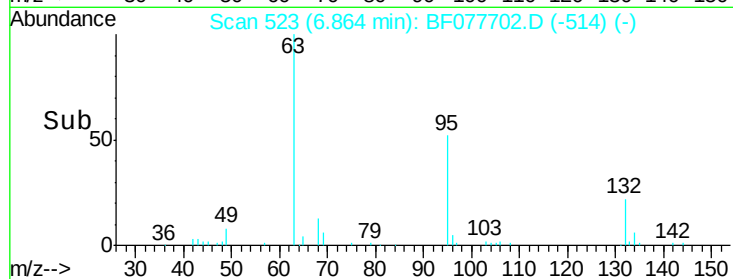
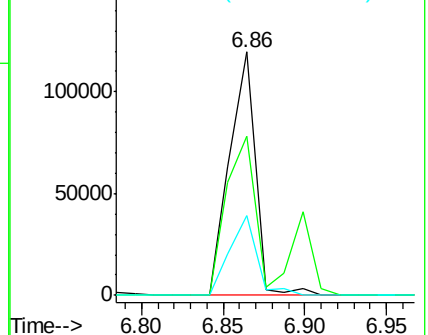
95 32.7 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.98 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

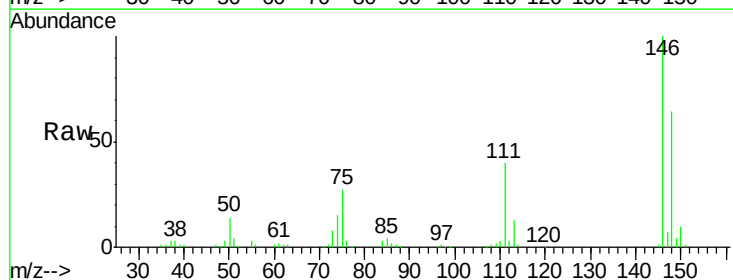
Tgt Ion: 146 Resp: 157165

Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

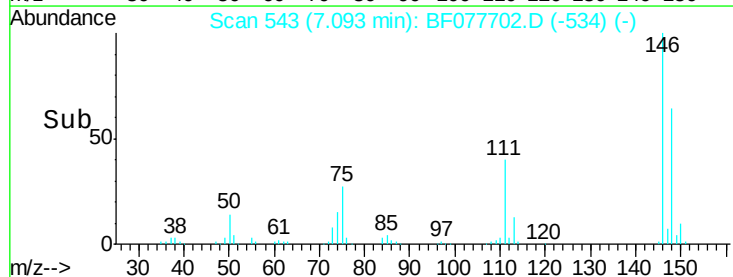
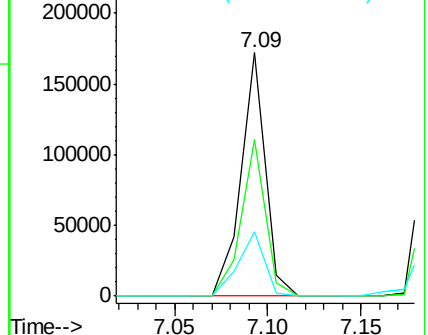
75 26.7 21.4 32.2

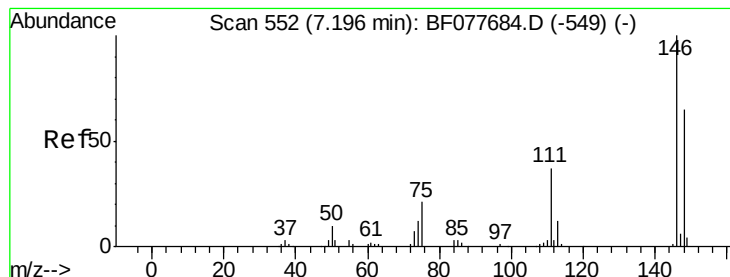


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.00 ng

RT: 7.20 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

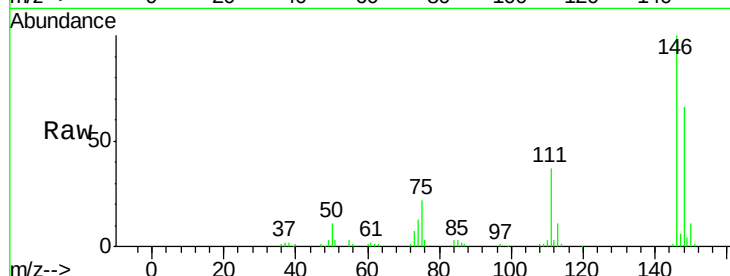
Tgt Ion:146 Resp: 159294

Ion Ratio Lower Upper

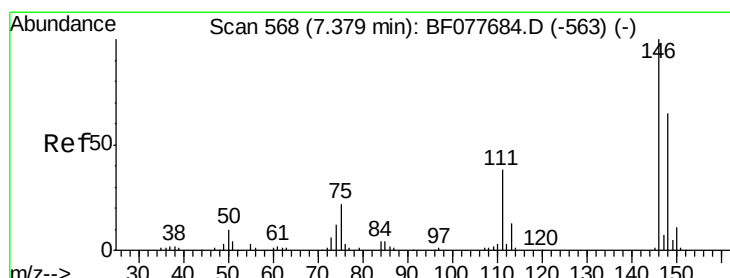
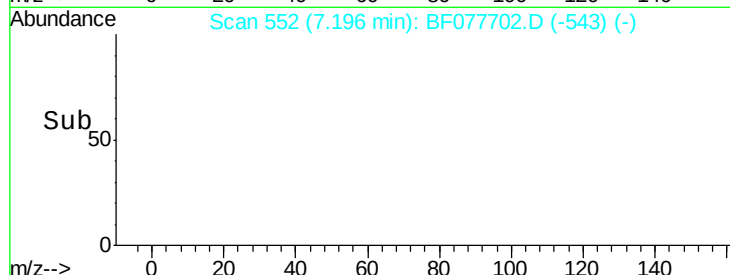
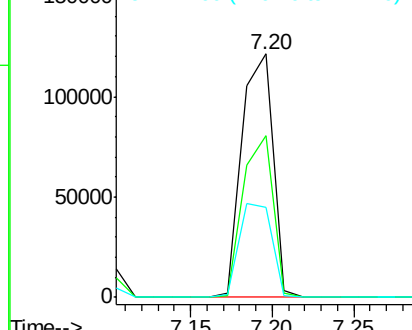
146 100

148 66.3 51.9 77.9

111 36.9 29.2 43.8



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: 39.64 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

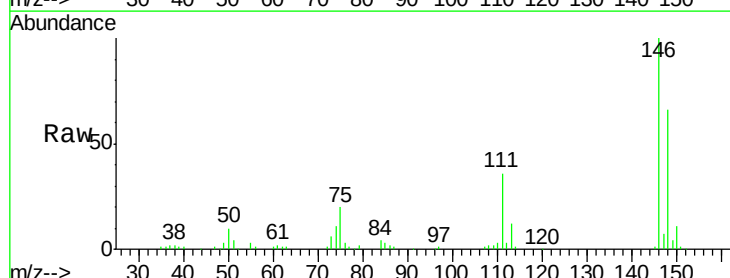
Tgt Ion:146 Resp: 148458

Ion Ratio Lower Upper

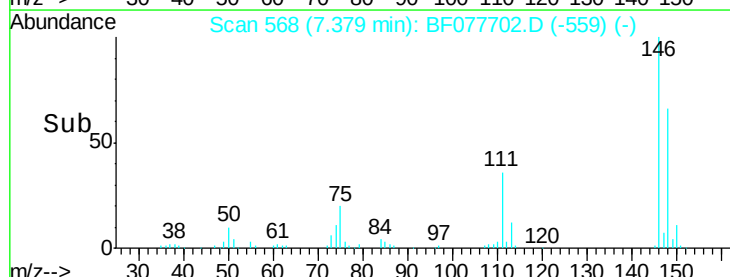
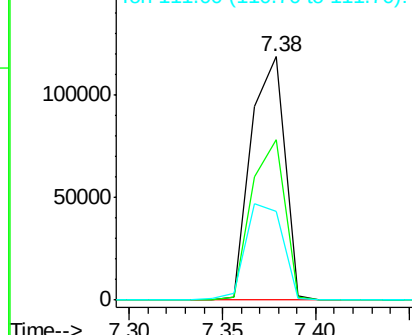
146 100

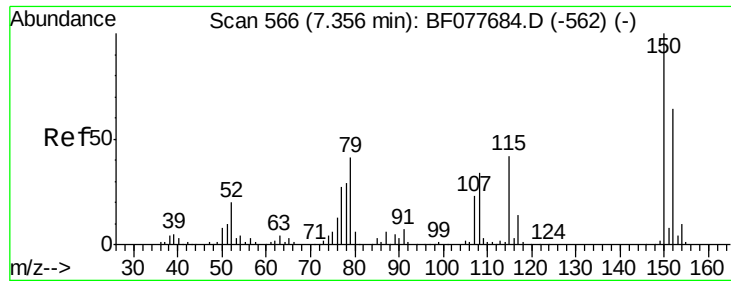
148 65.9 52.3 78.5

111 36.4 30.6 45.8



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

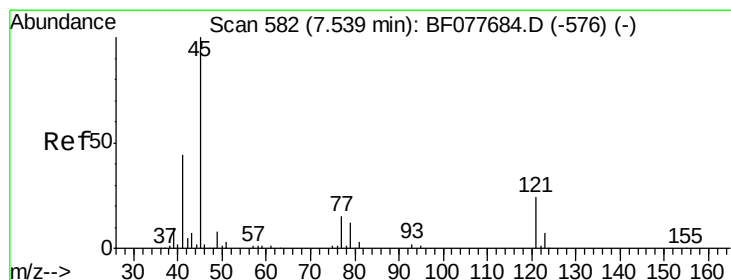
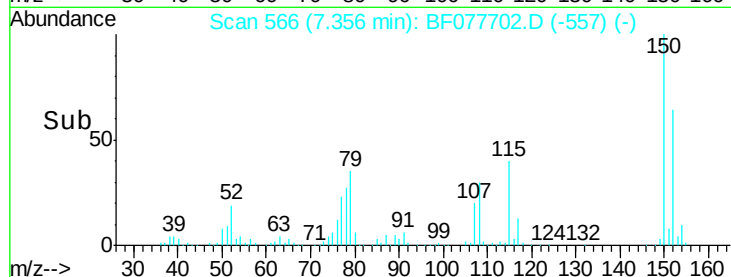
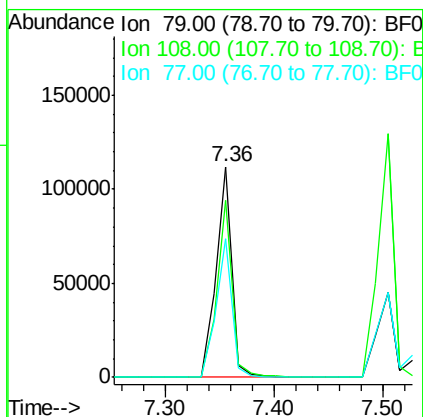
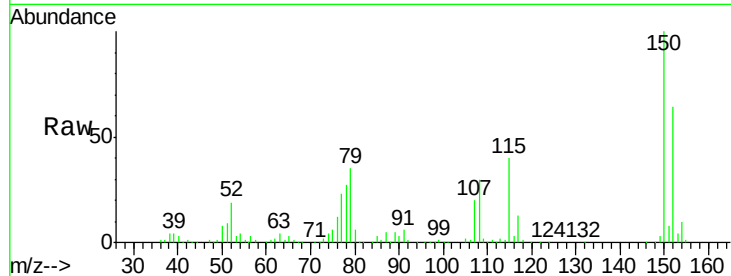




#15  
Benzyl Alcohol  
Concen: 40.07 ng  
RT: 7.36 min Scan# 566  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

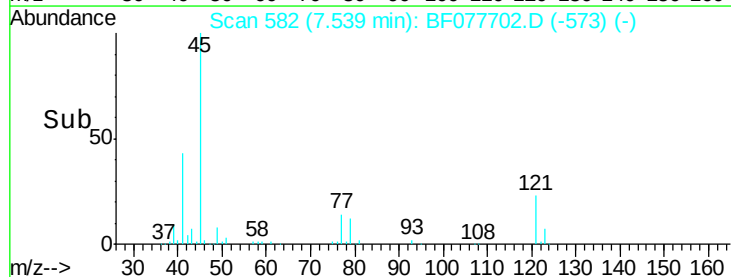
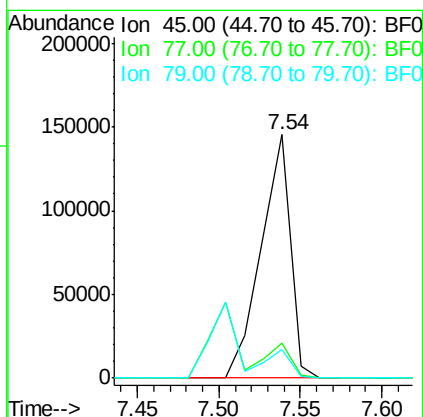
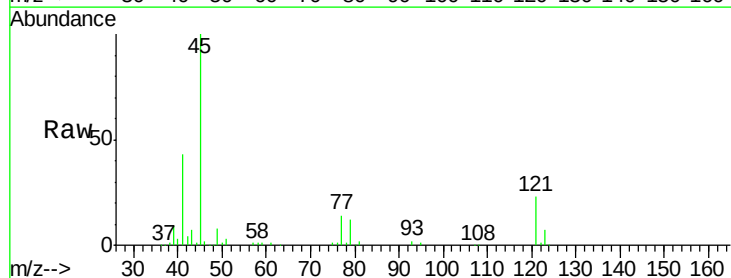
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

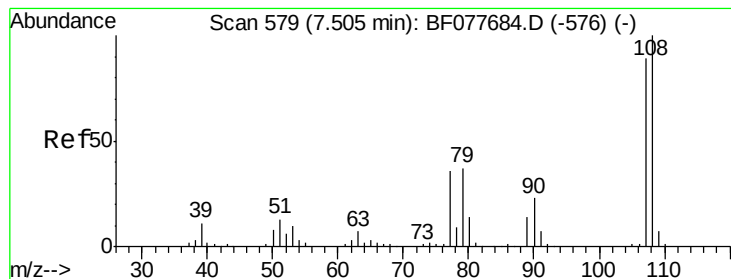
Tgt Ion: 79 Resp: 114742  
Ion Ratio Lower Upper  
79 100  
108 84.0 65.0 97.4  
77 65.5 53.0 79.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 41.66 ng  
RT: 7.54 min Scan# 582  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Tgt Ion: 45 Resp: 182371  
Ion Ratio Lower Upper  
45 100  
77 14.3 0.0 35.2  
79 11.9 0.0 32.0

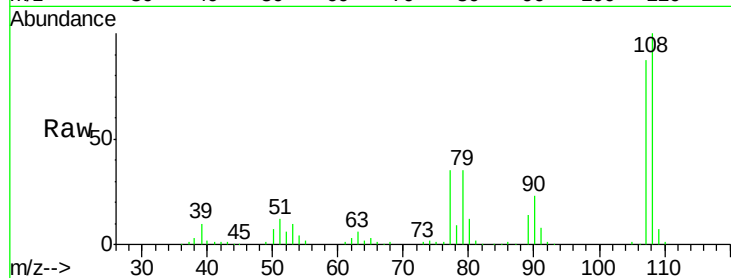




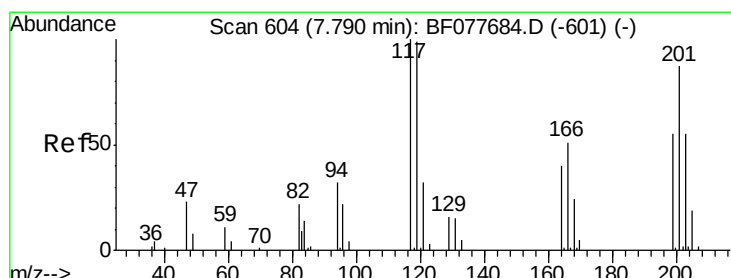
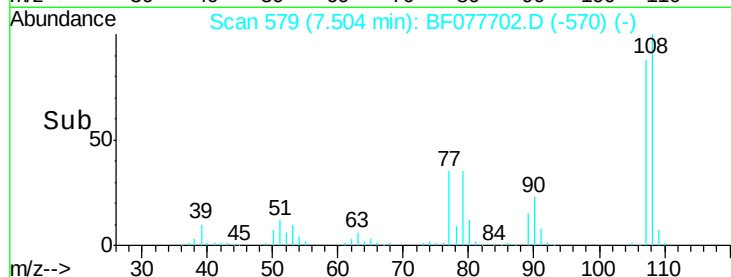
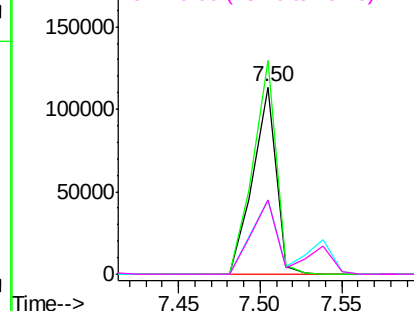
#17  
2-Methylphenol  
Concen: 39.07 ng  
RT: 7.50 min Scan# 579  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 112412 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.3 | 89.8  | 134.8  |
| 77       | 40.0  | 32.6  | 48.8   |
| 79       | 39.9  | 32.8  | 49.2   |

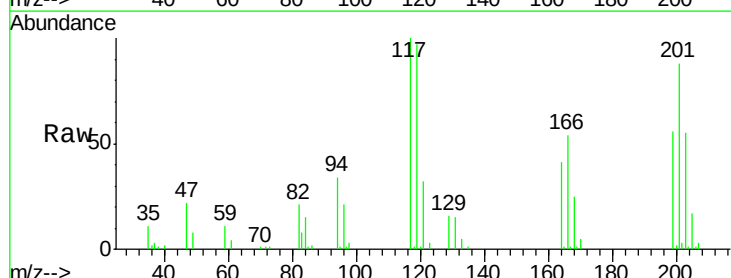


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

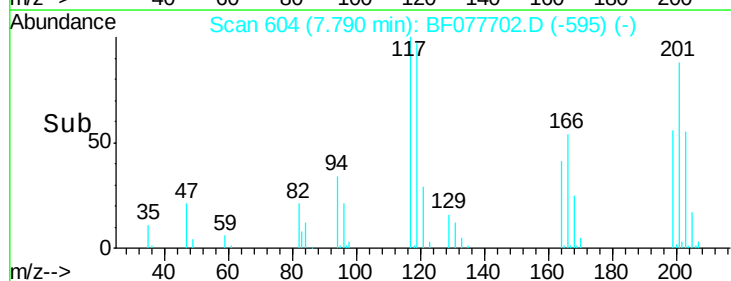
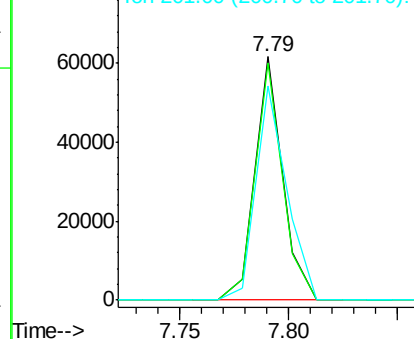


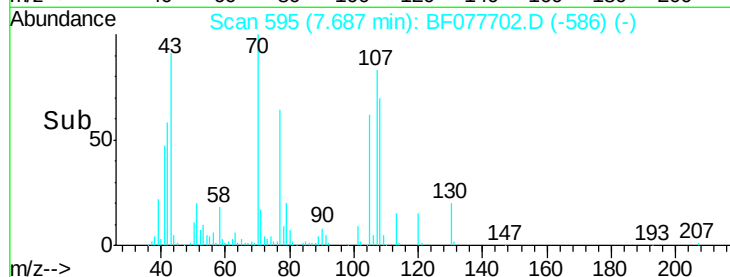
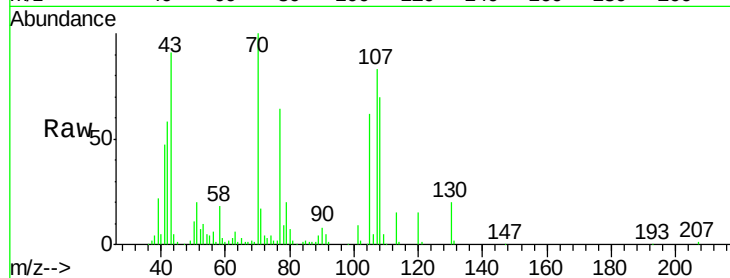
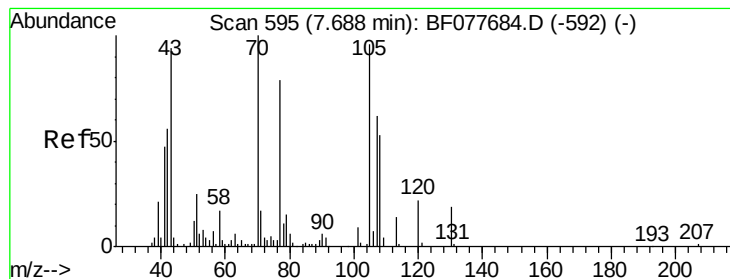
#18  
Hexachloroethane  
Concen: 40.53 ng  
RT: 7.79 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 54297 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.3  | 79.2  | 118.8 |
| 201      | 87.7  | 69.8  | 104.6 |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.79 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 100985

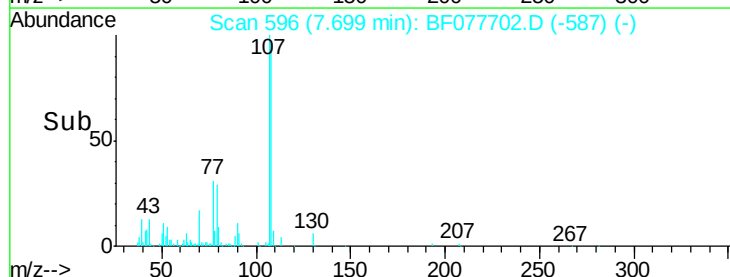
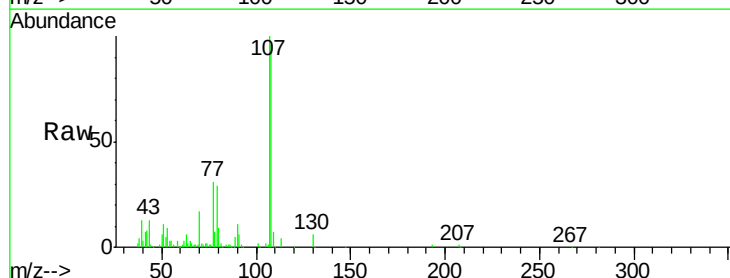
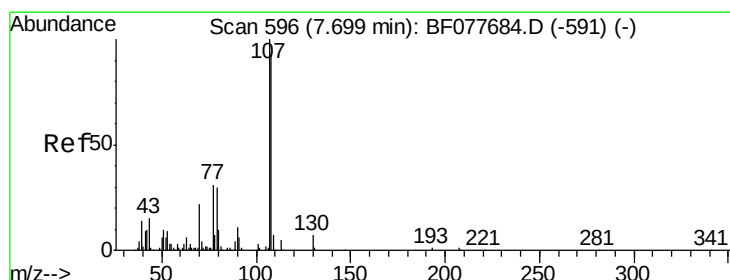
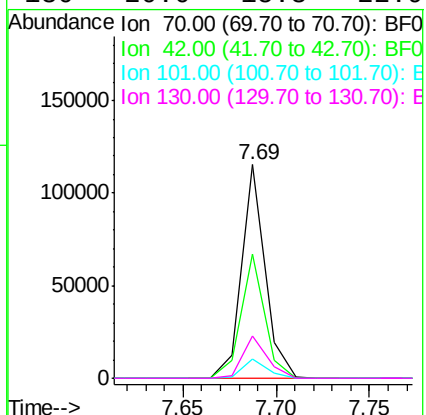
Ion Ratio Lower Upper

70 100

42 58.2 44.5 66.7

101 9.2 7.4 11.2

130 20.0 15.3 22.9



#20

3+4-Methylphenols

Concen: 40.40 ng

RT: 7.70 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Tgt Ion: 107 Resp: 152542

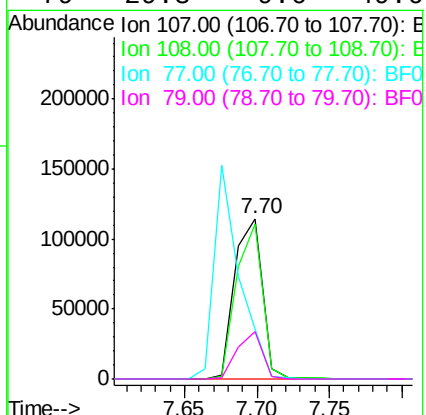
Ion Ratio Lower Upper

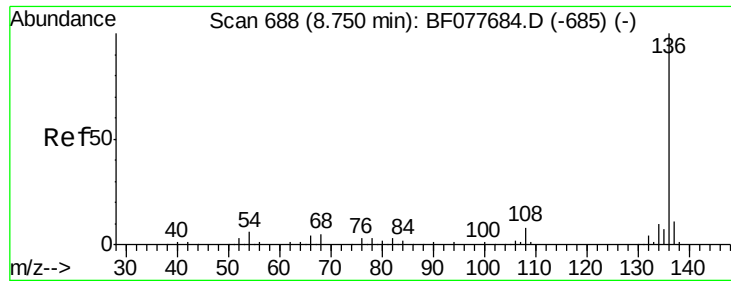
107 100

108 96.1 73.2 113.2

77 31.4 10.7 50.7

79 29.3 9.6 49.6

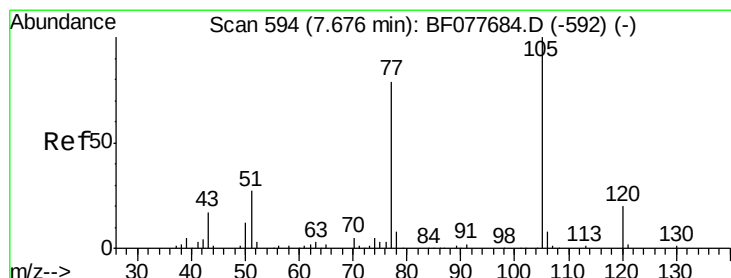
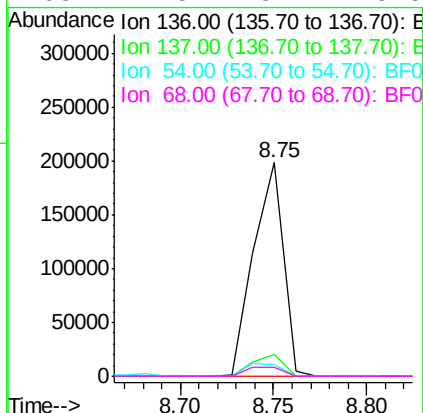
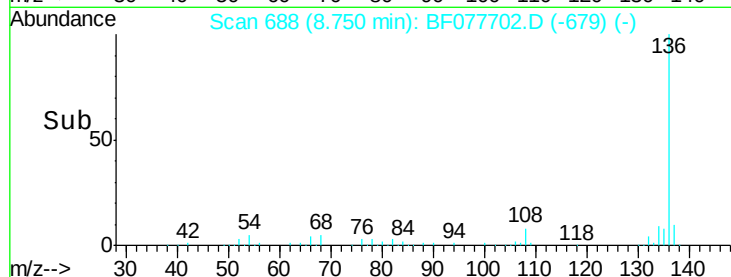
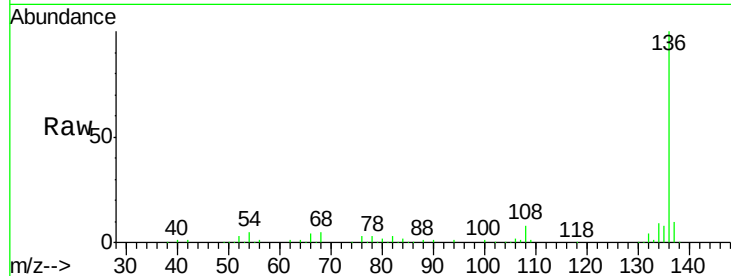




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.75 min Scan# 688  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

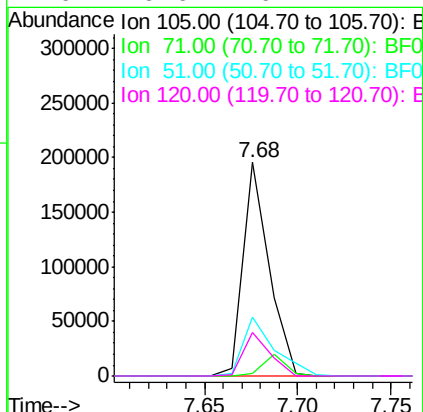
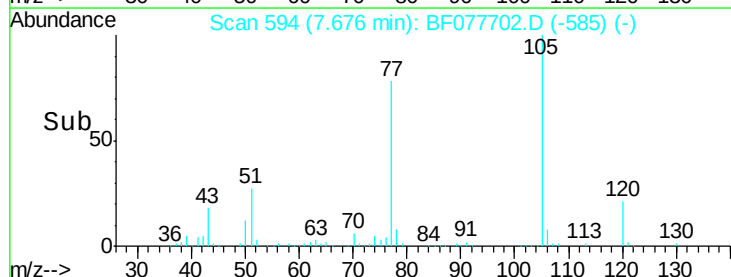
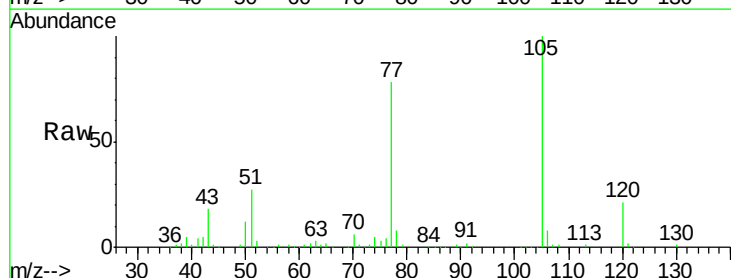
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

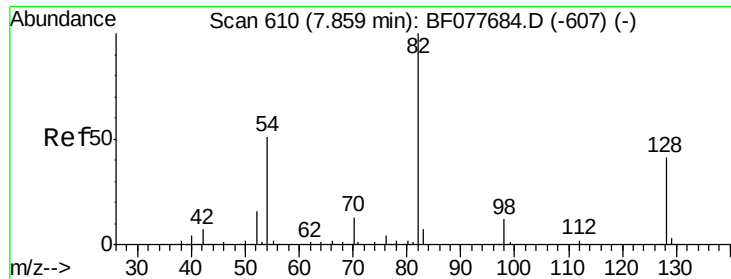
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 218875 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.1  | 8.7   | 13.1   |
| 54       | 5.5   | 4.6   | 6.8    |
| 68       | 4.5   | 3.7   | 5.5    |



#22  
Acetophenone  
Concen: 39.17 ng  
RT: 7.68 min Scan# 594  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 189799 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.0   | 0.6   | 1.0#   |
| 51       | 27.4  | 21.6  | 32.4   |
| 120      | 20.6  | 16.1  | 24.1   |

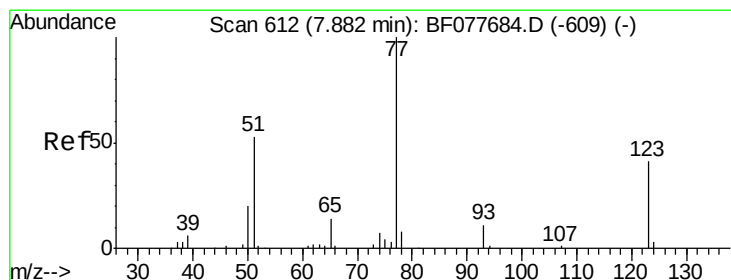
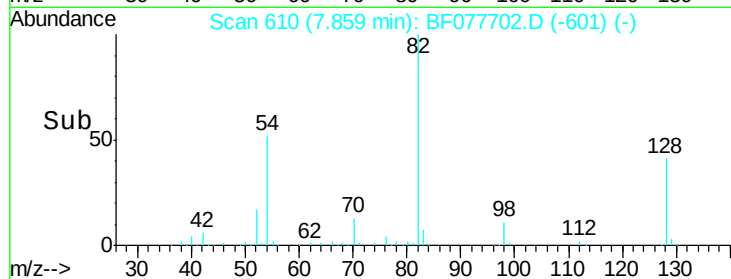
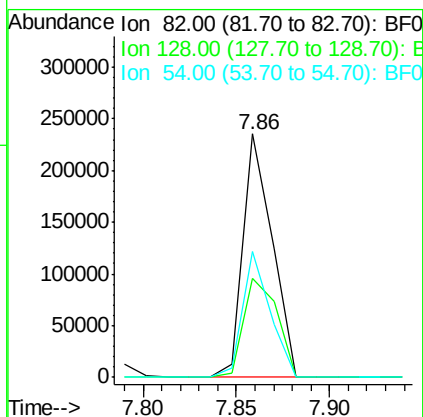
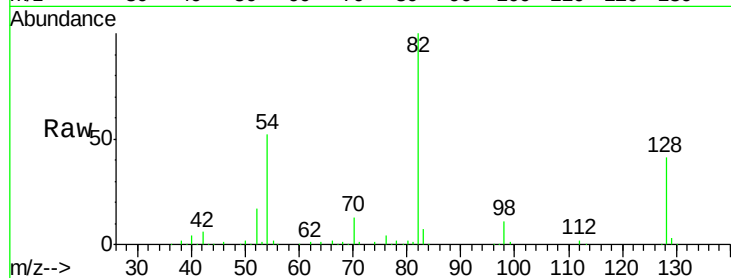




#23  
 Nitrobenzene-d5  
 Concen: 76.74 ng  
 RT: 7.86 min Scan# 610  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

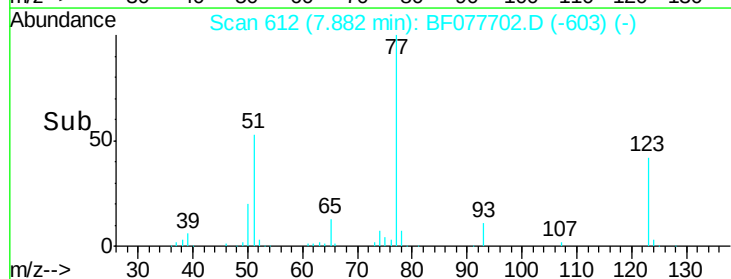
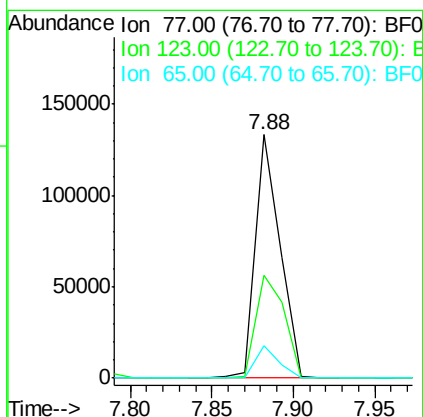
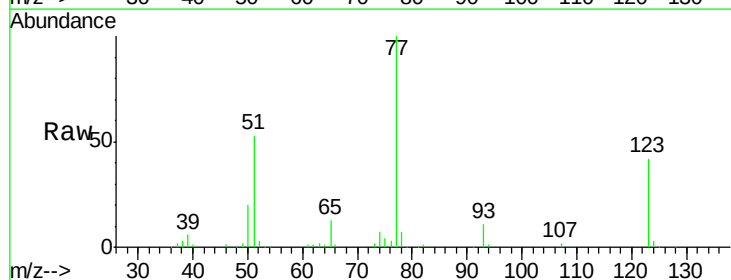
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

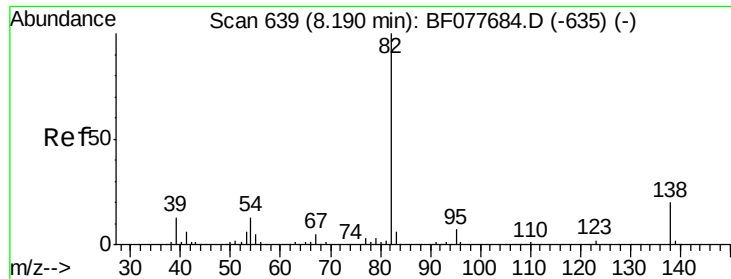
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.5  | 32.8  | 49.2  |
| 54      | 51.6  | 40.6  | 60.8  |



#24  
 Nitrobenzene  
 Concen: 38.88 ng  
 RT: 7.88 min Scan# 612  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 42.4  | 32.6  | 49.0  |
| 65      | 13.1  | 10.9  | 16.3  |





#25

Isophorone

Concen: 39.44 ng

RT: 8.19 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

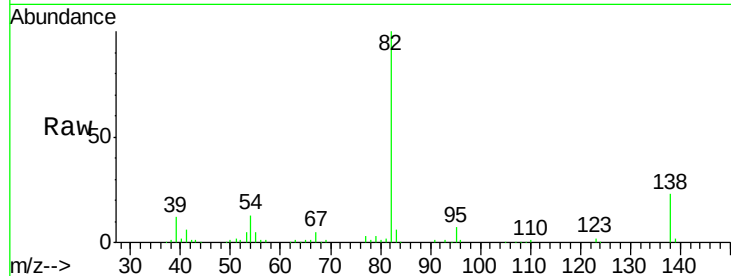
Tgt Ion: 82 Resp: 265941

Ion Ratio Lower Upper

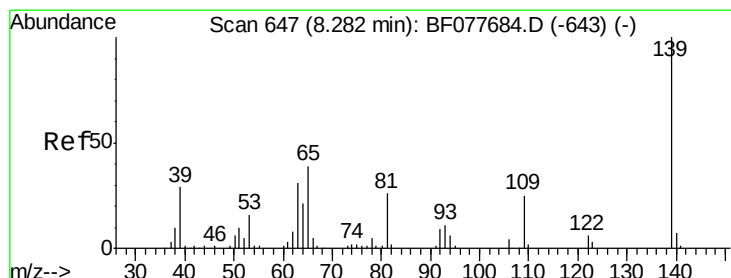
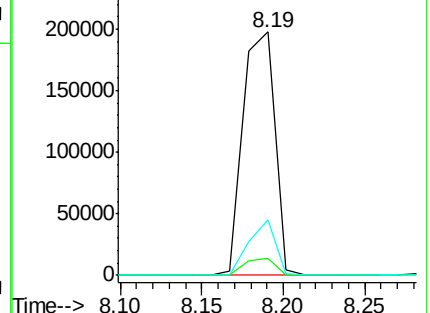
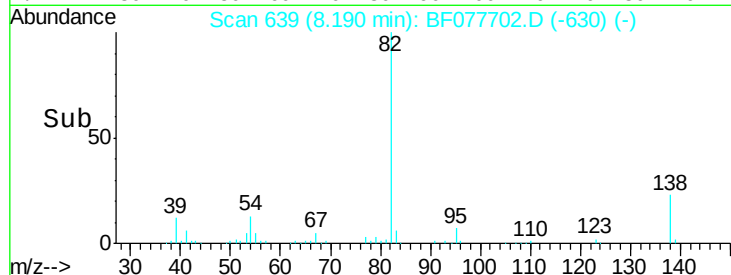
82 100

95 7.1 5.8 8.6

138 22.7 16.3 24.5



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



#26

2-Nitrophenol

Concen: 39.72 ng

RT: 8.28 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

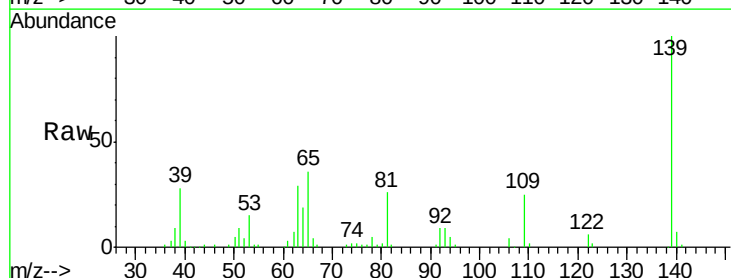
Tgt Ion: 139 Resp: 69955

Ion Ratio Lower Upper

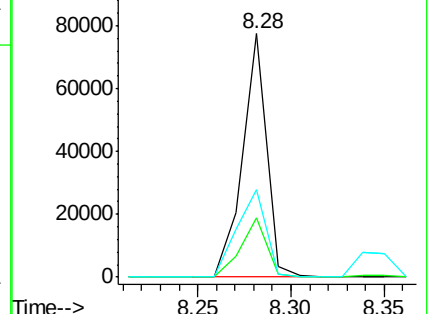
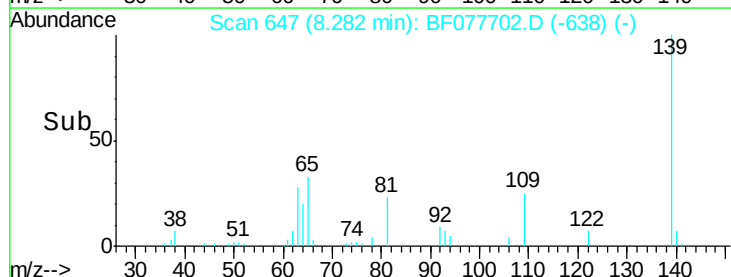
139 100

109 24.6 20.1 30.1

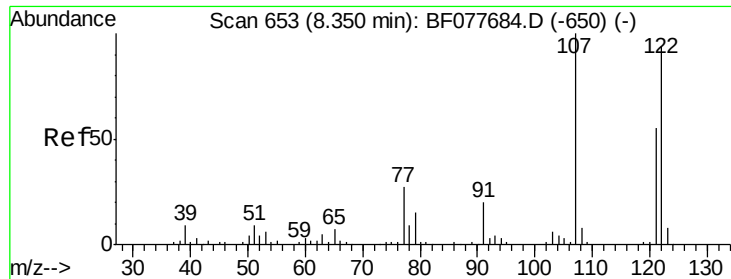
65 35.7 31.5 47.3



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



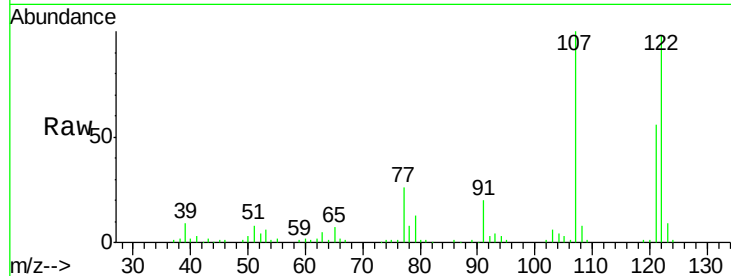




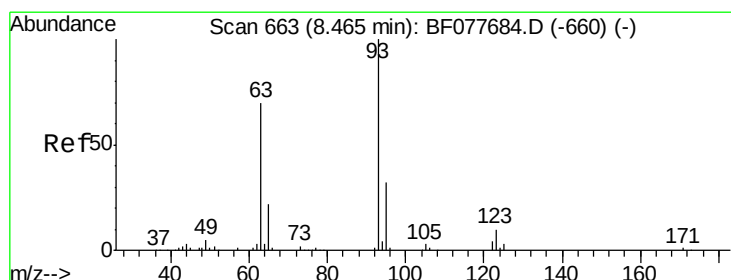
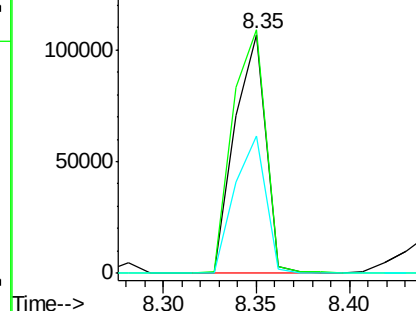
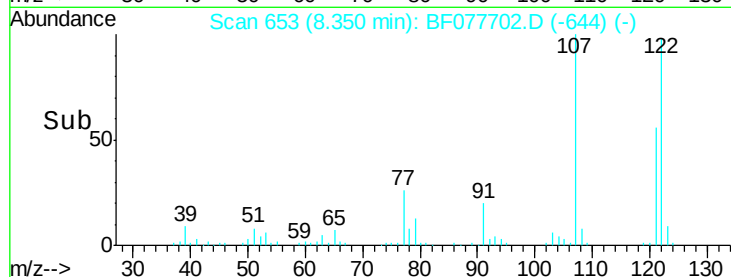
#27  
 2,4-Dimethylphenol  
 Concen: 38.87 ng  
 RT: 8.35 min Scan# 653  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 102.1 | 84.7  | 127.1 |
| 121     | 57.6  | 46.6  | 69.8  |

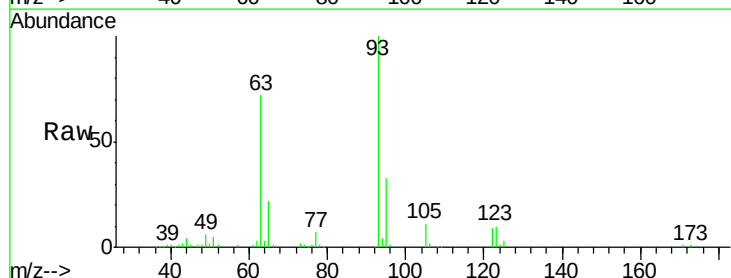


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

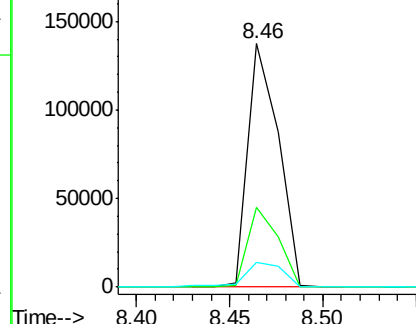
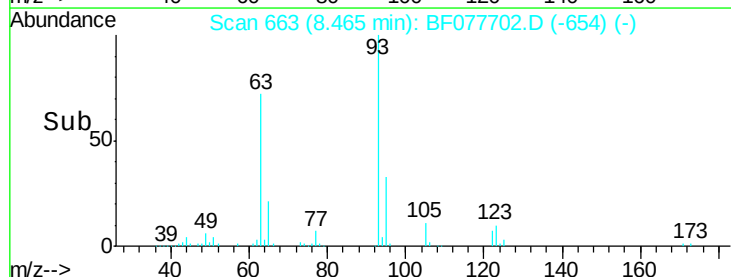


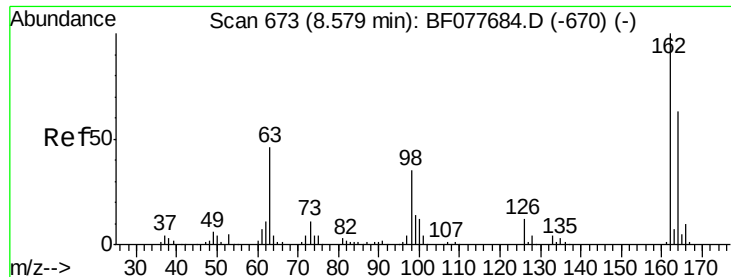
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.26 ng  
 RT: 8.46 min Scan# 663  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 25.5  | 38.3  |
| 123     | 10.0  | 8.6   | 13.0  |



Abundance Ion 93.00 (92.70 to 93.70): BF0  
 Ion 95.00 (94.70 to 95.70): BF0  
 Ion 123.00 (122.70 to 123.70): E

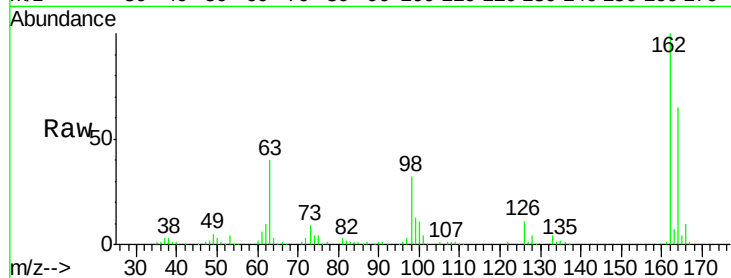




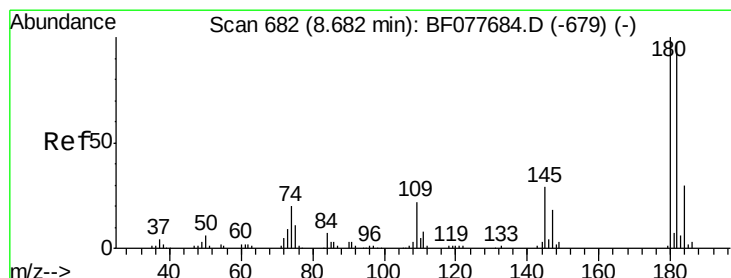
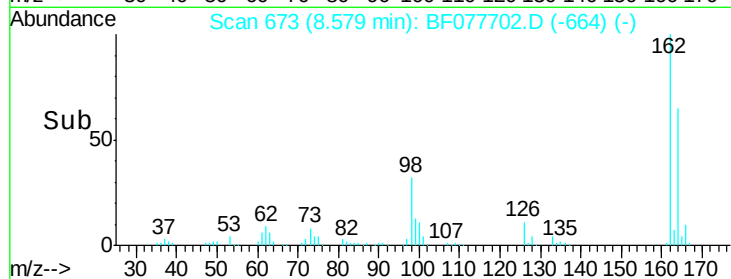
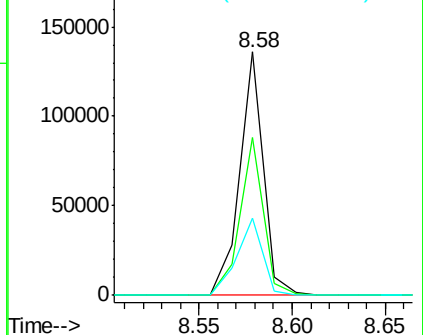
#29  
 2,4-Dichlorophenol  
 Concen: 39.52 ng  
 RT: 8.58 min Scan# 673  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 42.8  | 82.8  |
| 98      | 31.8  | 14.5  | 54.5  |

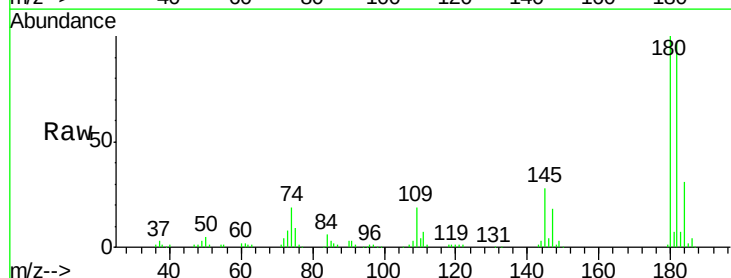


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

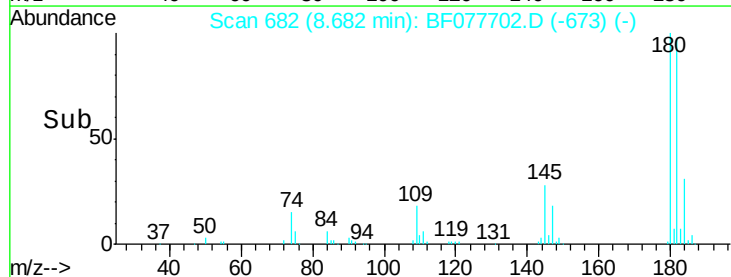
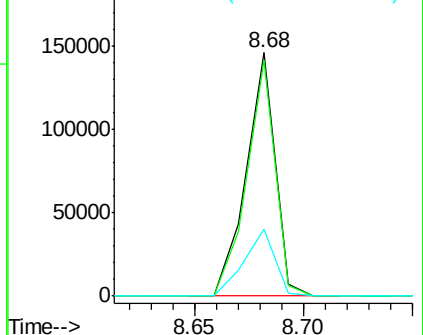


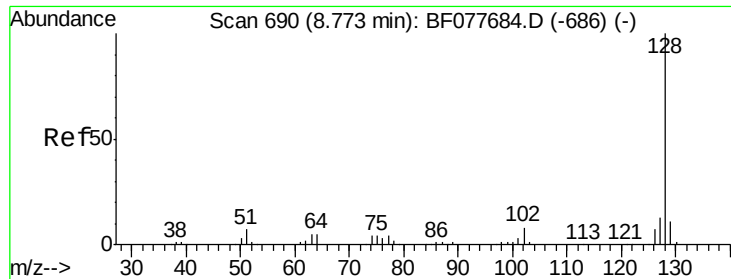
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.41 ng  
 RT: 8.68 min Scan# 682  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.1  | 77.6  | 116.4 |
| 145     | 27.6  | 23.4  | 35.2  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

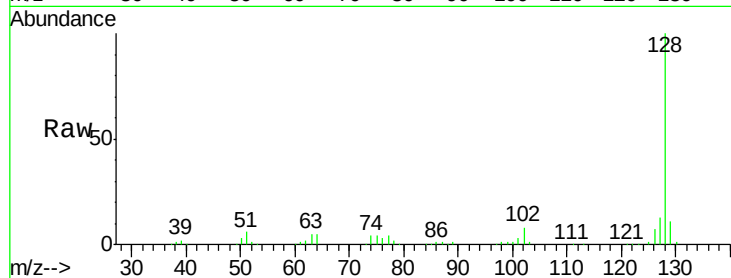




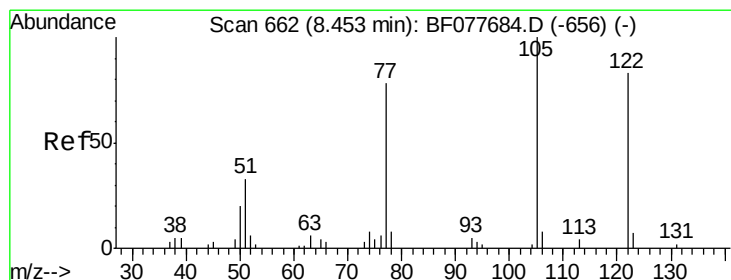
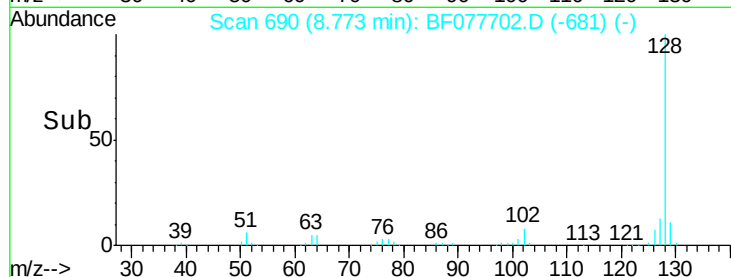
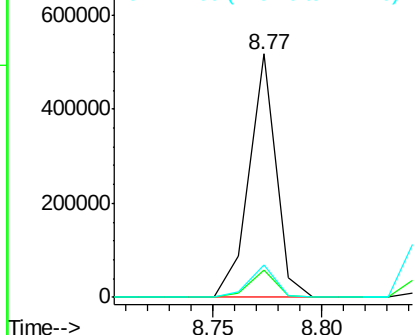
#31  
Naphthalene  
Concen: 39.47 ng  
RT: 8.77 min Scan# 690  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:128 Resp: 443667  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 13.2 10.4 15.6

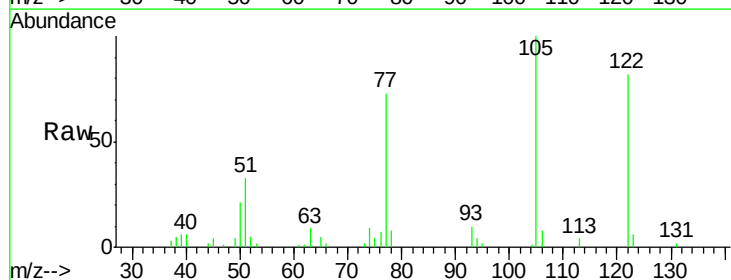


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

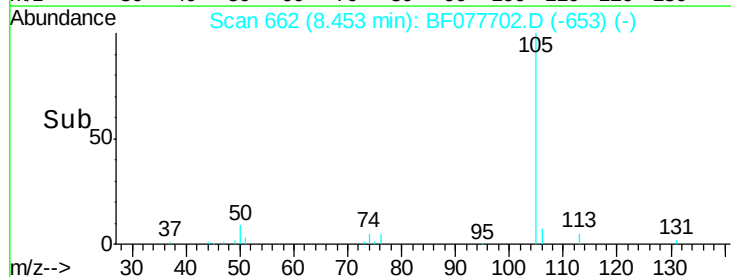
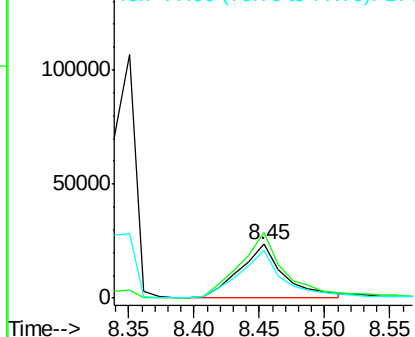


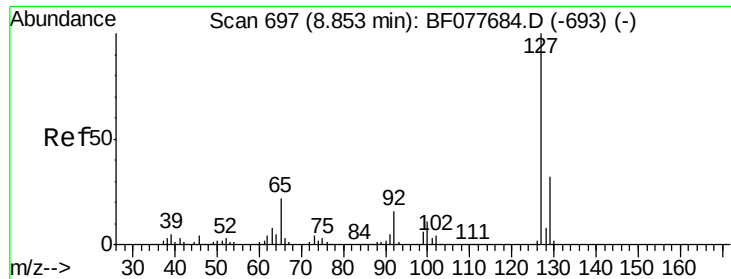
#32  
Benzoic acid  
Concen: 33.01 ng  
RT: 8.45 min Scan# 662  
Delta R.T. 0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Tgt Ion:122 Resp: 57225  
Ion Ratio Lower Upper  
122 100  
105 122.1 99.9 139.9  
77 89.3 73.7 113.7



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

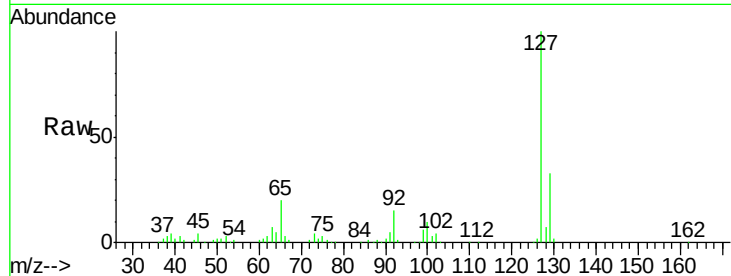




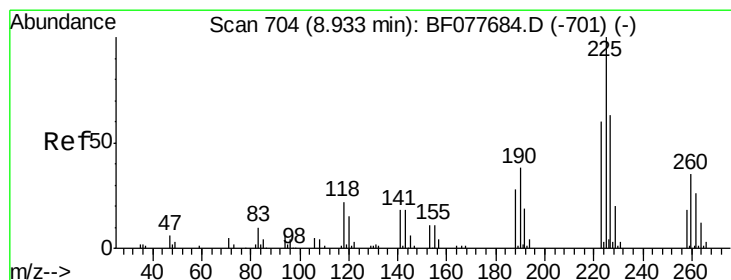
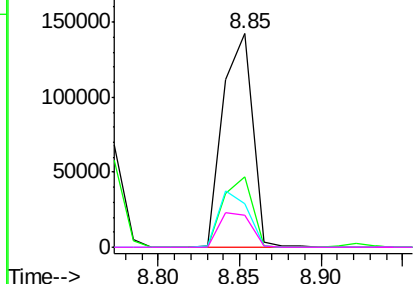
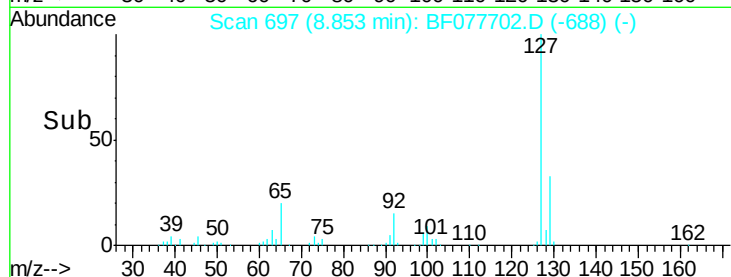
#33  
4-Chloroaniline  
Concen: 39.14 ng  
RT: 8.85 min Scan# 697  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 178582 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 25.3  | 37.9   |
| 65       | 20.3  | 17.6  | 26.4   |
| 92       | 14.9  | 13.1  | 19.7   |

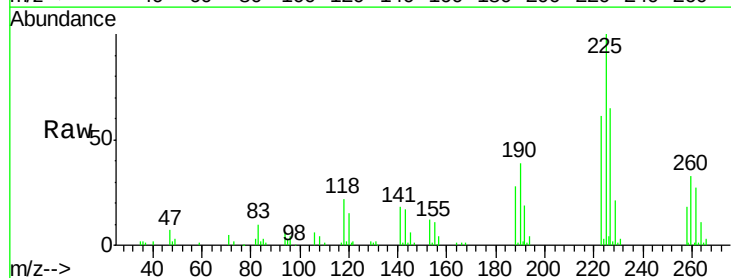


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

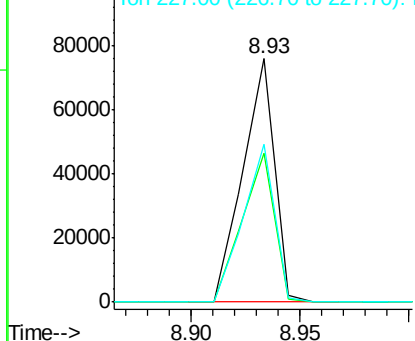
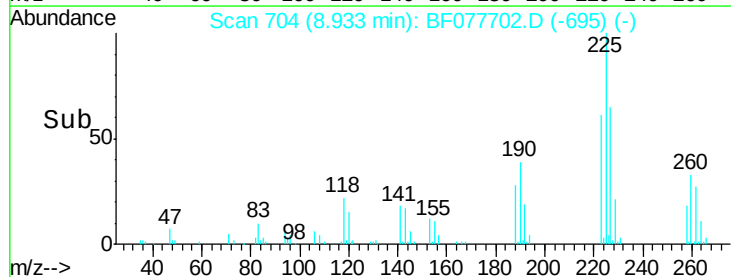


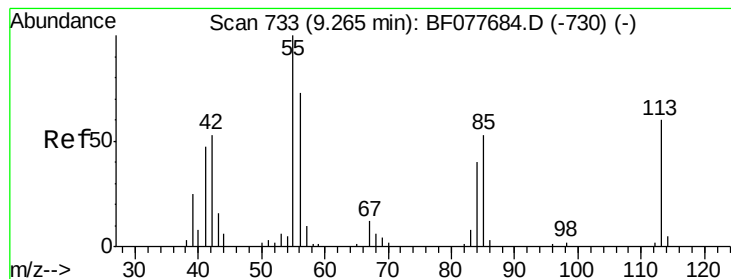
#34  
Hexachlorobutadiene  
Concen: 39.42 ng  
RT: 8.93 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 76448 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.0  | 47.9  | 71.9  |
| 227      | 64.6  | 50.1  | 75.1  |



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: 39.15 ng

RT: 9.26 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

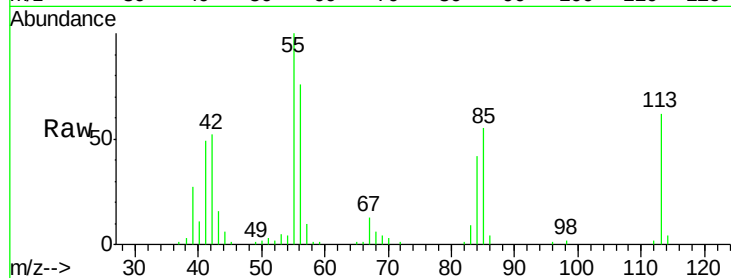
Tgt Ion:113 Resp: 34989

Ion Ratio Lower Upper

113 100

55 162.5 145.9 185.9

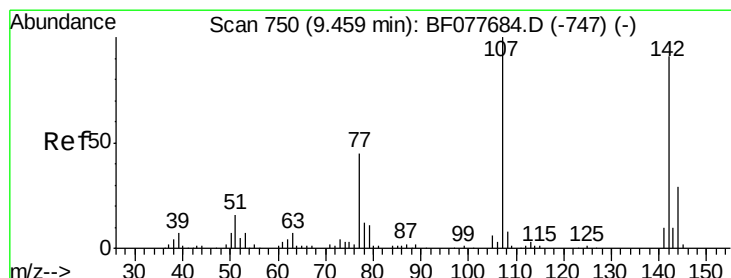
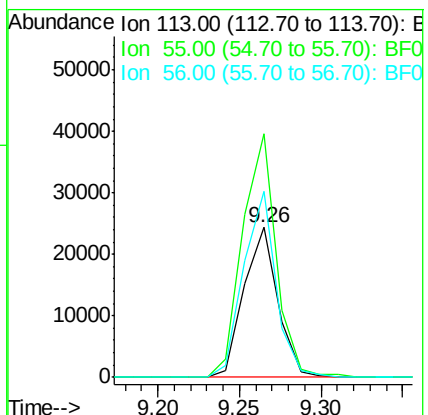
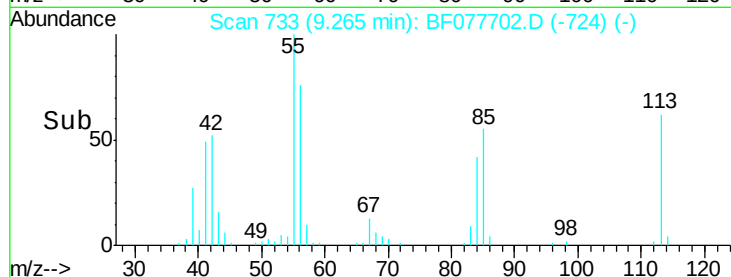
56 123.9 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.87 ng

RT: 9.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

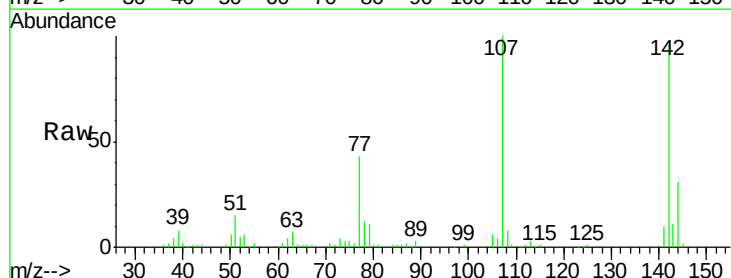
Tgt Ion:107 Resp: 116538

Ion Ratio Lower Upper

107 100

144 31.2 23.3 34.9

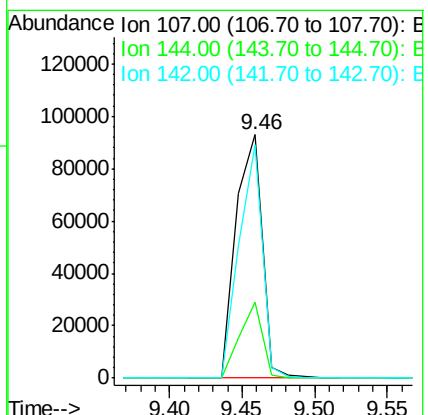
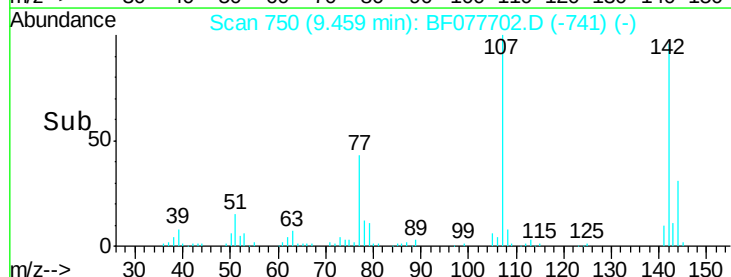
142 96.0 72.6 109.0

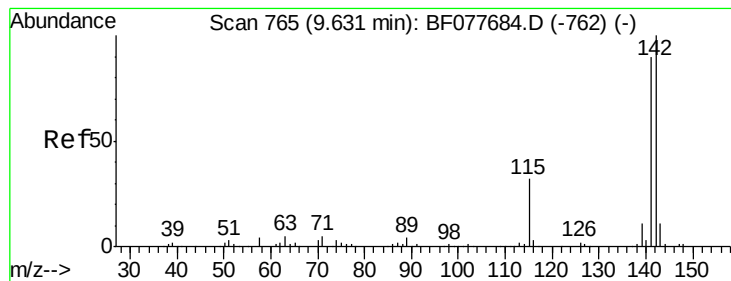


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.67 ng

RT: 9.63 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

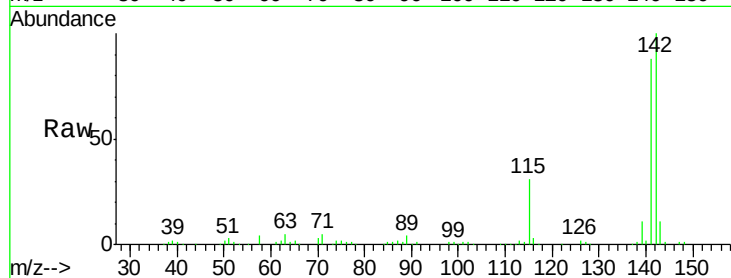
Tgt Ion:142 Resp: 299593

Ion Ratio Lower Upper

142 100

141 88.5 71.9 107.9

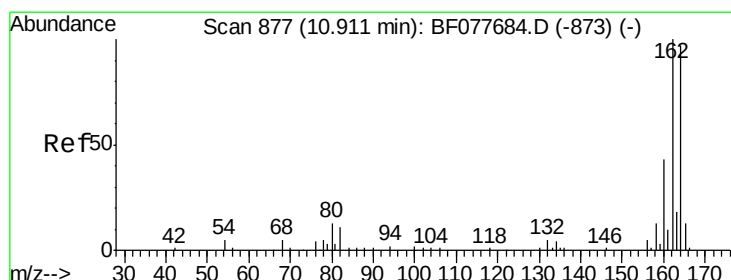
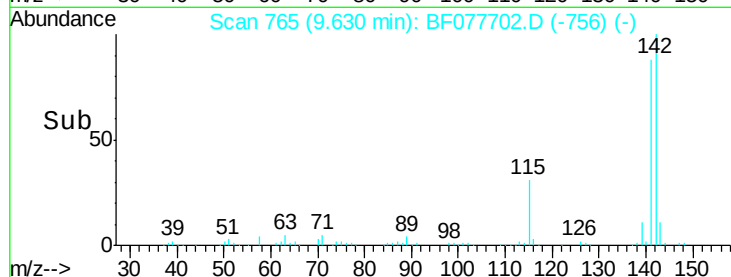
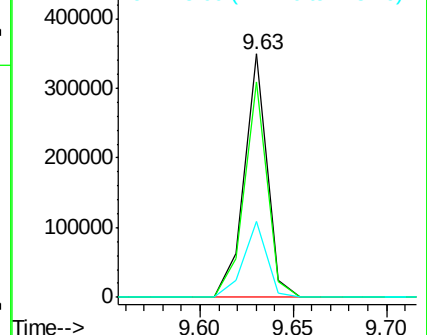
115 31.0 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

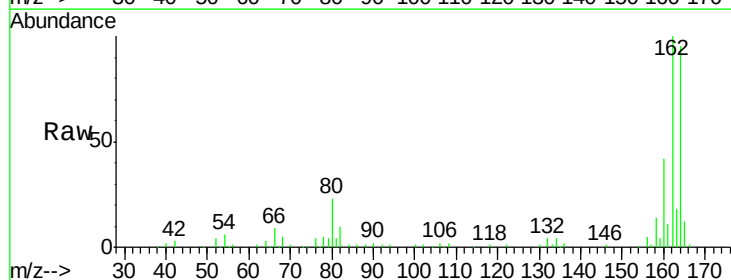
Tgt Ion:164 Resp: 109419

Ion Ratio Lower Upper

164 100

162 104.8 82.4 123.6

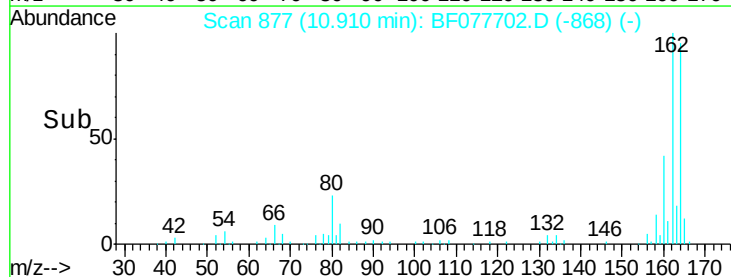
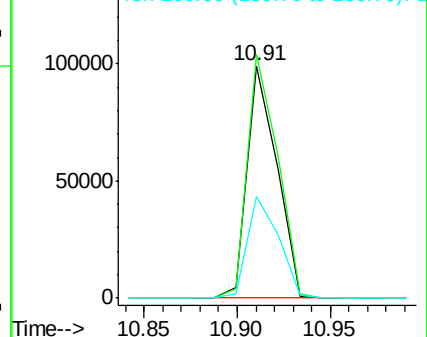
160 43.8 35.8 53.6

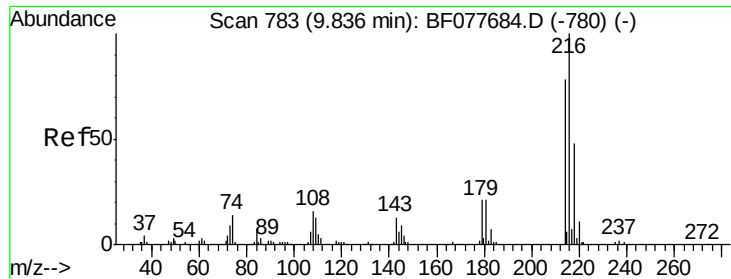


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

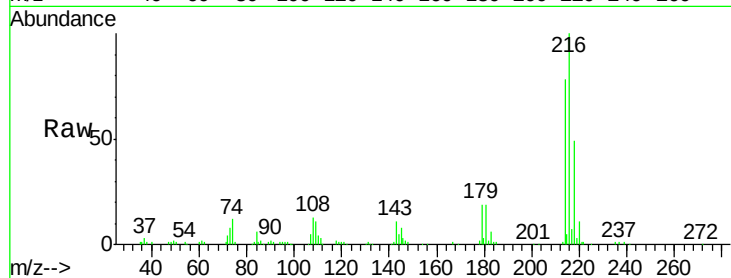




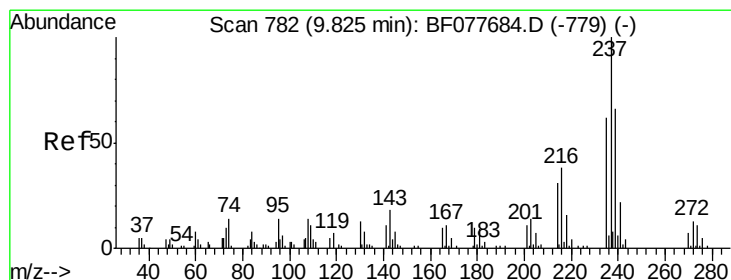
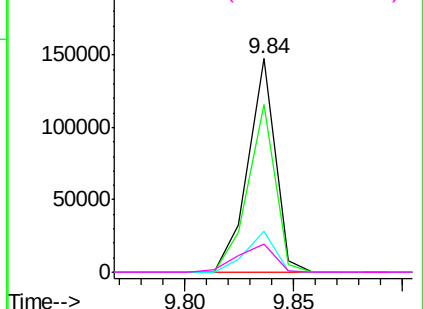
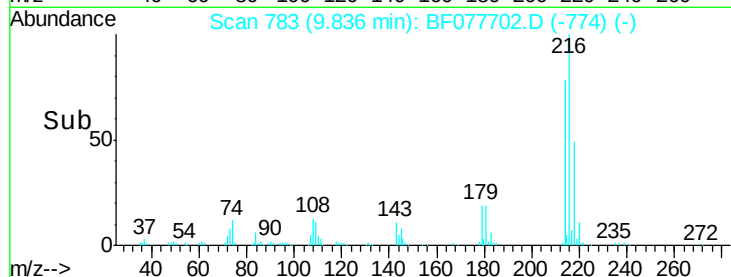
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.62 ng  
 RT: 9.84 min Scan# 783  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 129308 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.7  | 0.0   | 0.0#   |
| 179      | 20.1  | 0.0   | 0.0#   |
| 108      | 17.5  | 0.0   | 0.0#   |

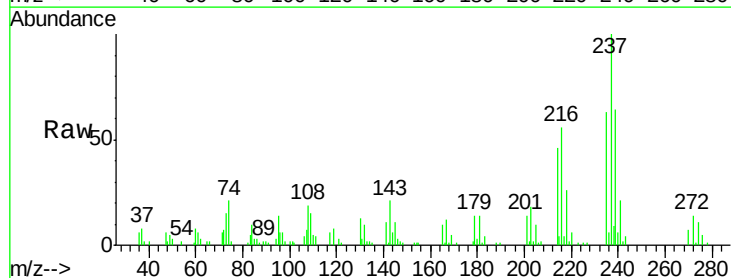


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

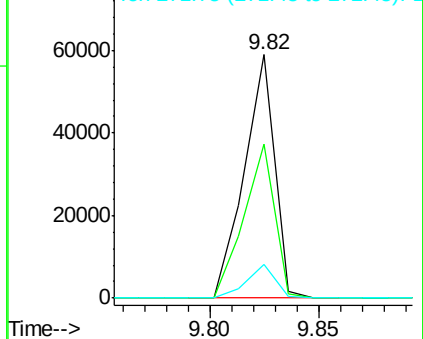
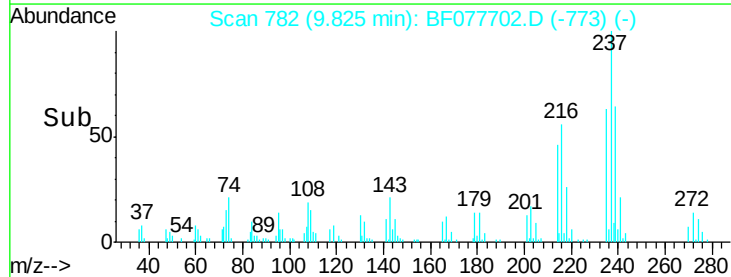


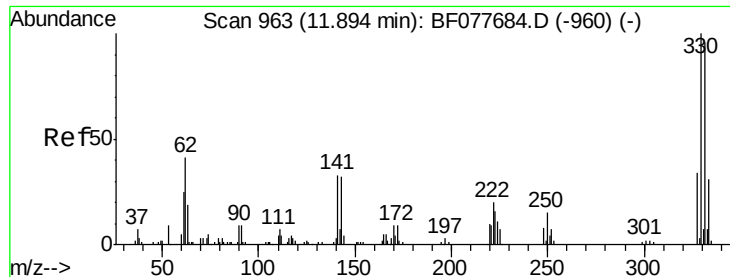
#40  
 Hexachlorocyclopentadiene  
 Concen: 36.56 ng  
 RT: 9.82 min Scan# 782  
 Delta R.T. 0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 56804 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 63.5  | 42.0  | 82.0  |
| 272      | 14.0  | 0.0   | 33.4  |



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

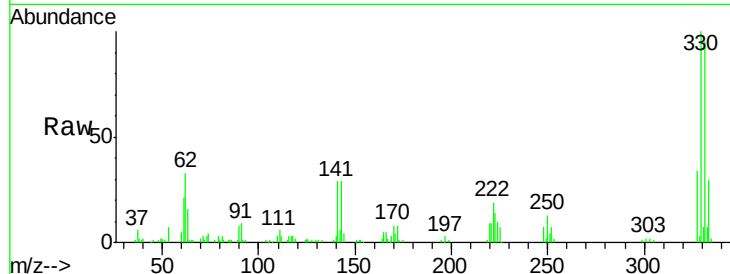




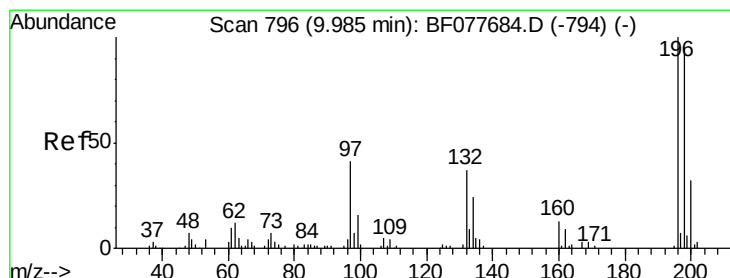
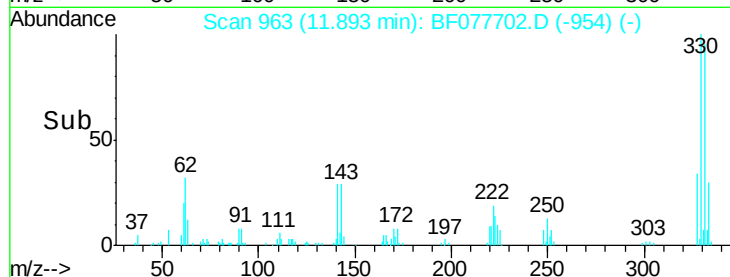
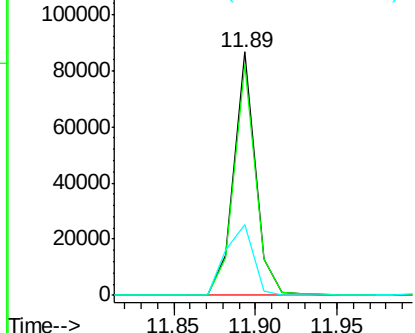
#41  
 2,4,6-Tribromophenol  
 Concen: 76.11 ng  
 RT: 11.89 min Scan# 963  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:330 Resp: 79679  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 0.0 0.0#  
 141 36.7 0.0 0.0#

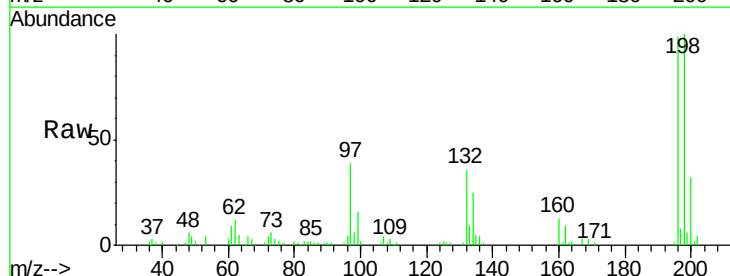


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

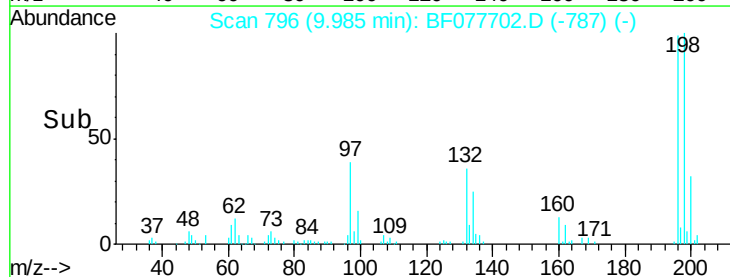
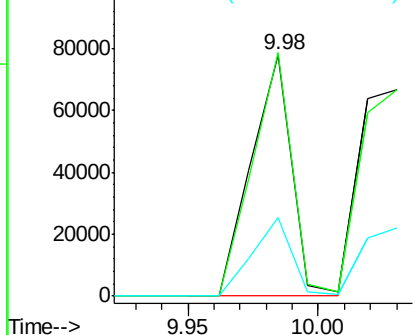


#42  
 2,4,6-Trichlorophenol  
 Concen: 37.58 ng  
 RT: 9.98 min Scan# 796  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

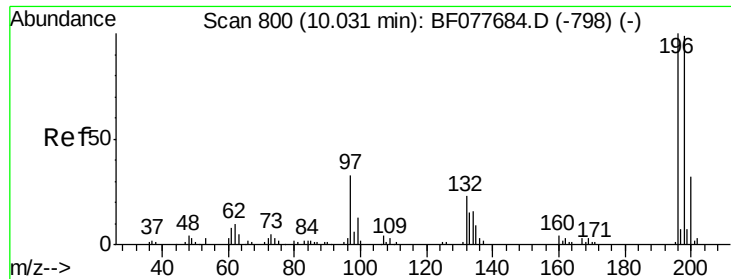
Tgt Ion:196 Resp: 84962  
 Ion Ratio Lower Upper  
 196 100  
 198 100.8 76.3 114.5  
 200 32.3 25.6 38.4



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



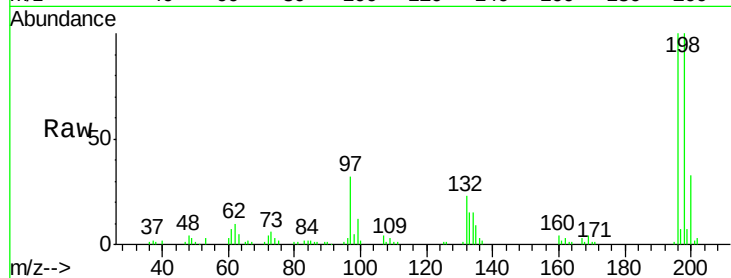




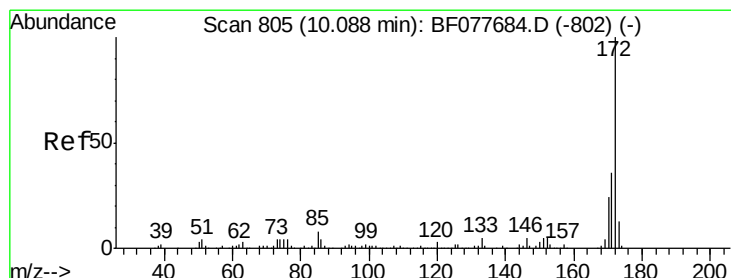
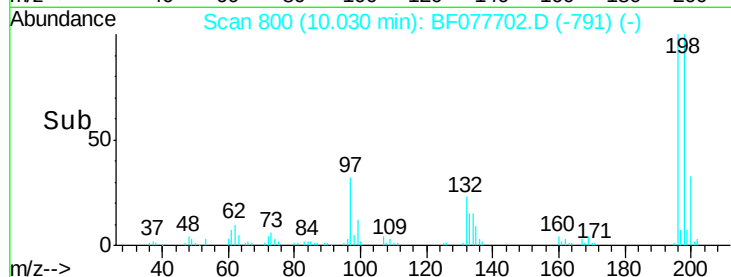
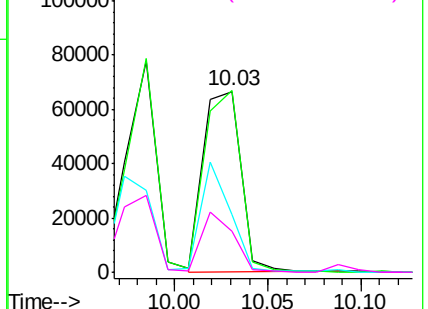
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.21 ng  
 RT: 10.03 min Scan# 800  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:196 Resp: 93314  
 Ion Ratio Lower Upper  
 196 100  
 198 100.4 79.4 119.0  
 97 31.8 26.8 40.2  
 132 22.9 18.6 28.0

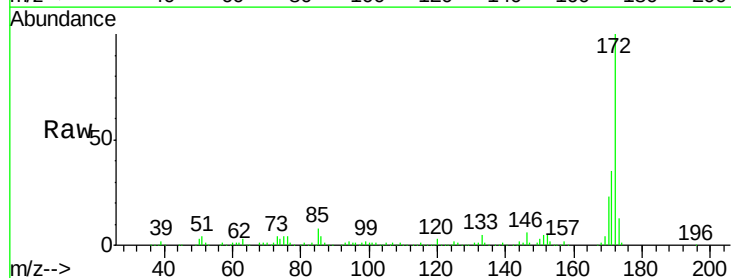


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

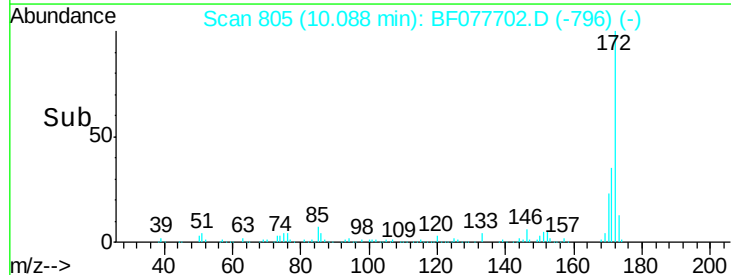
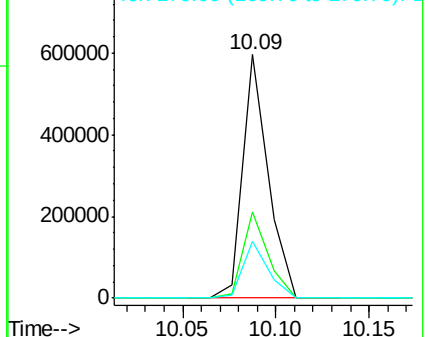


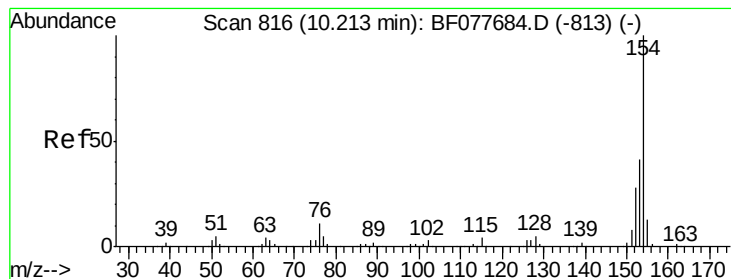
#44  
 2-Fluorobiphenyl  
 Concen: 75.51 ng  
 RT: 10.09 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Tgt Ion:172 Resp: 562242  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.5 42.7  
 170 23.2 18.8 28.2



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: 39.68 ng

RT: 10.21 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

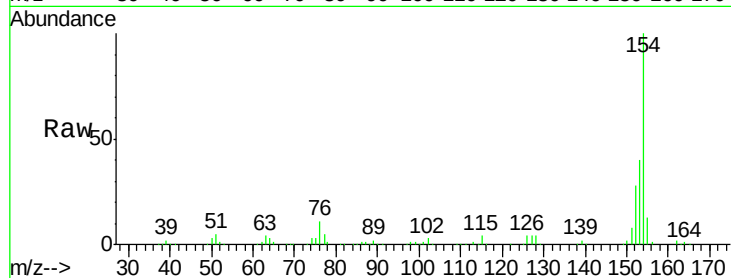
Tgt Ion:154 Resp: 347062

Ion Ratio Lower Upper

154 100

153 40.5 20.7 60.7

76 10.8 0.0 30.9

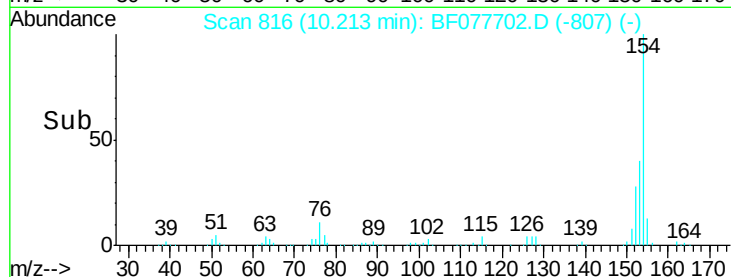


Abundance Ion 154.00 (153.70 to 154.70): E

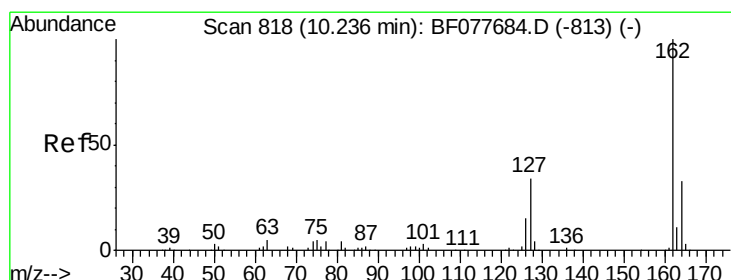
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E

Time-->



Time-->



#46

2-Chloronaphthalene

Concen: 37.70 ng

RT: 10.22 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

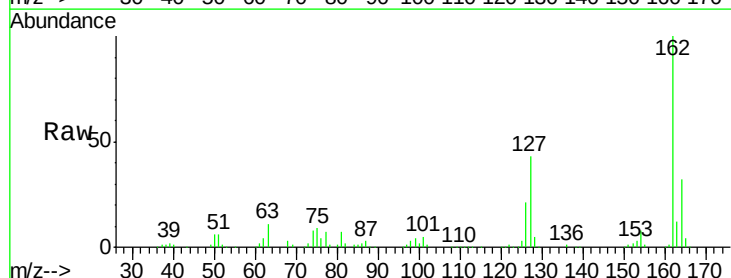
Tgt Ion:162 Resp: 267961

Ion Ratio Lower Upper

162 100

127 43.0 26.9 40.3#

164 32.4 26.8 40.2

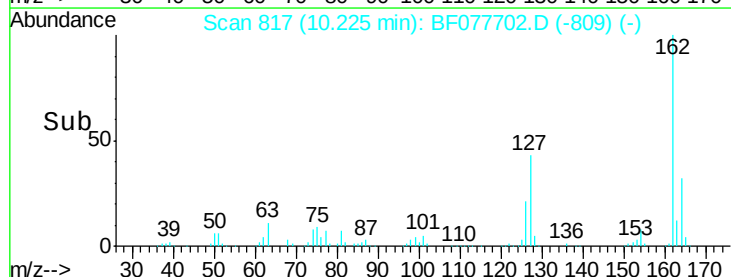


Abundance Ion 162.00 (161.70 to 162.70): E

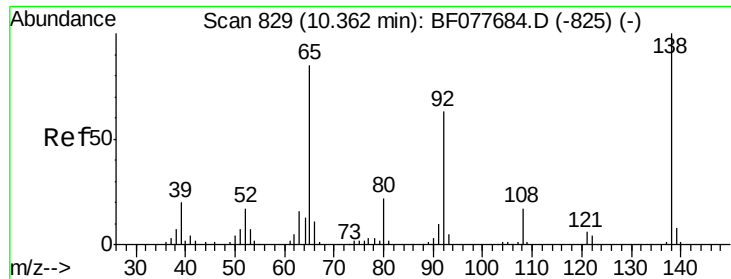
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



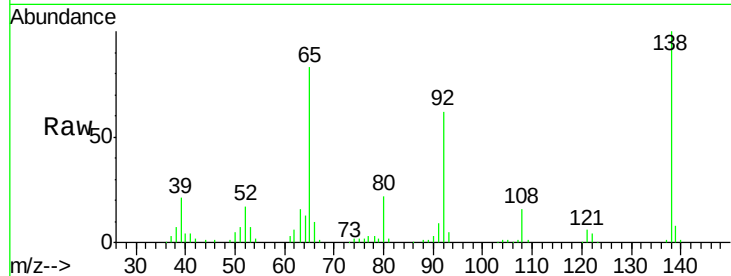
Time-->



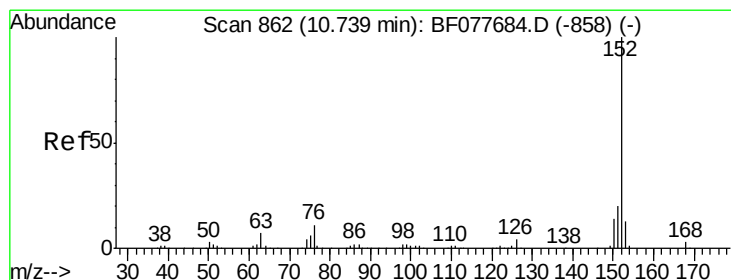
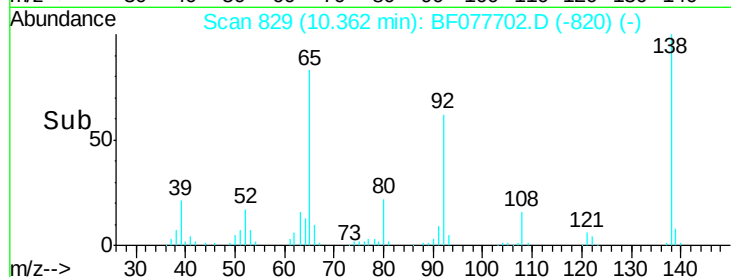
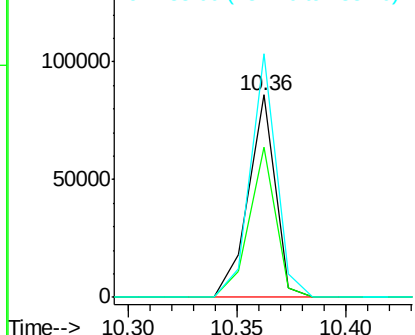
#47  
2-Nitroaniline  
Concen: 42.01 ng  
RT: 10.36 min Scan# 829  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 65 Resp: 74155  
Ion Ratio Lower Upper  
65 100  
92 74.2 59.1 88.7  
138 120.4 93.9 140.9

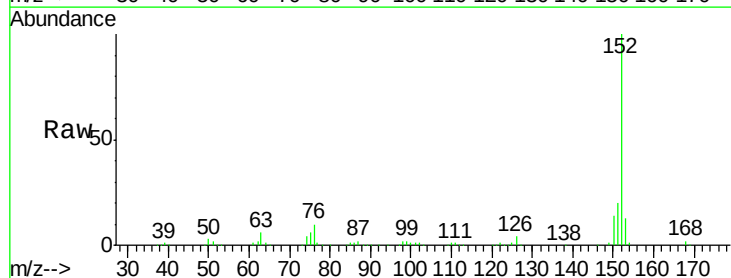


Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0

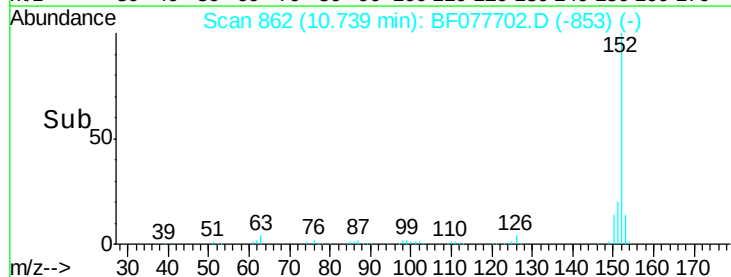
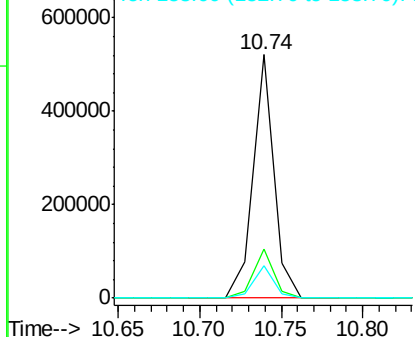


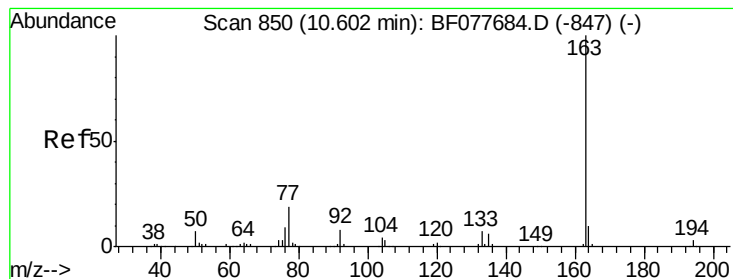
#48  
Acenaphthylene  
Concen: 39.02 ng  
RT: 10.74 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Tgt Ion: 152 Resp: 461242  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.9 23.9  
153 13.5 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.65 ng

RT: 10.60 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

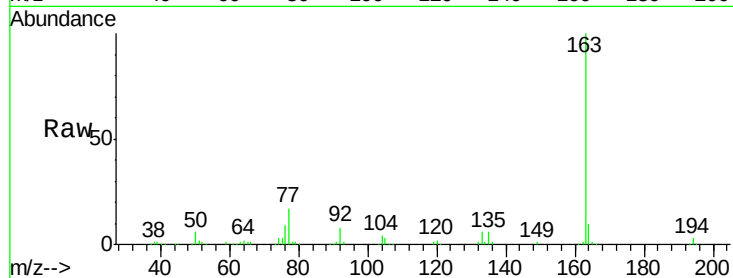
Tgt Ion:163 Resp: 321813

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

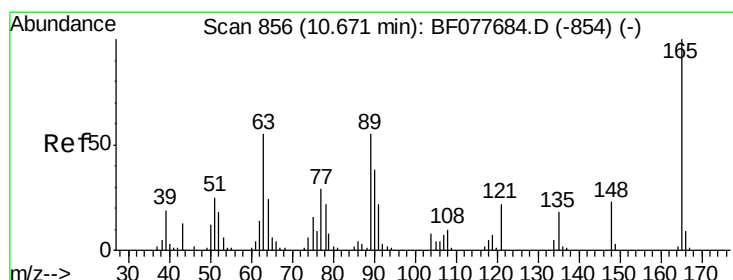
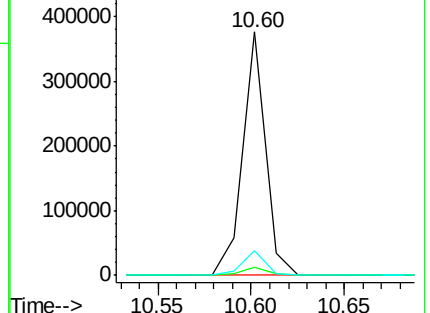
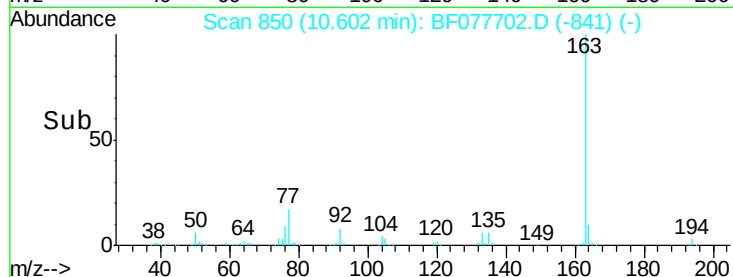
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.59 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

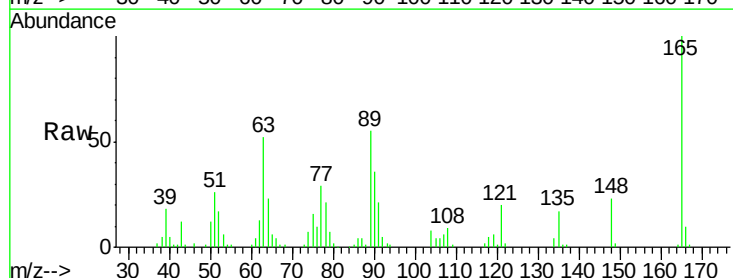
Tgt Ion:165 Resp: 68276

Ion Ratio Lower Upper

165 100

63 51.8 44.1 66.1

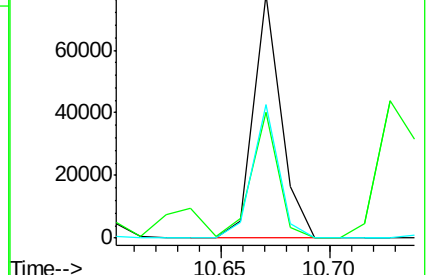
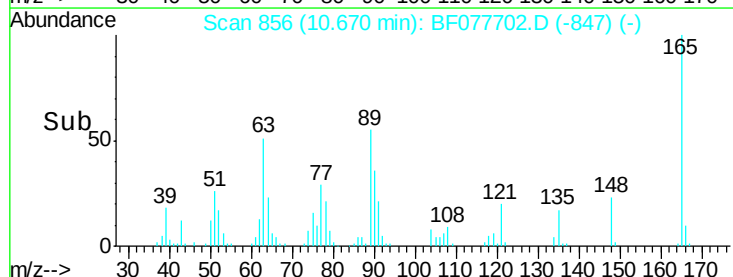
89 55.1 44.3 66.5

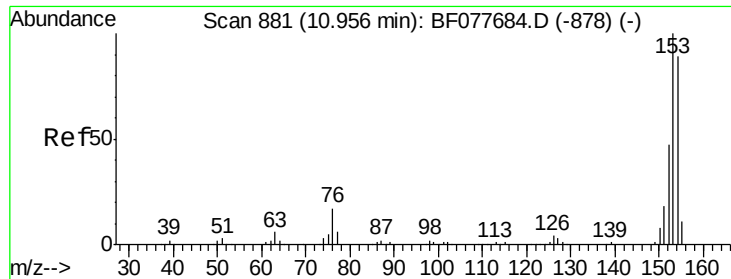


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.63 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

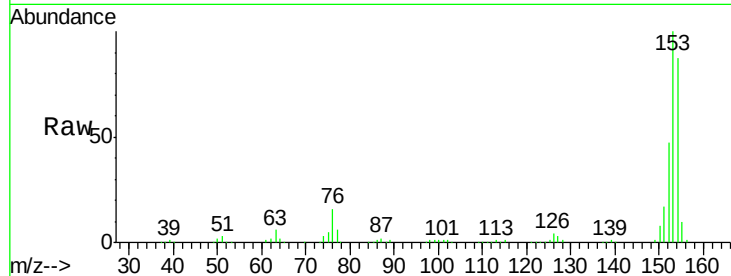
Tgt Ion:154 Resp: 268602

Ion Ratio Lower Upper

154 100

153 114.9 90.0 135.0

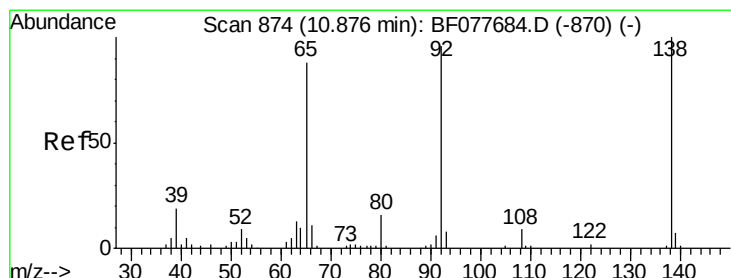
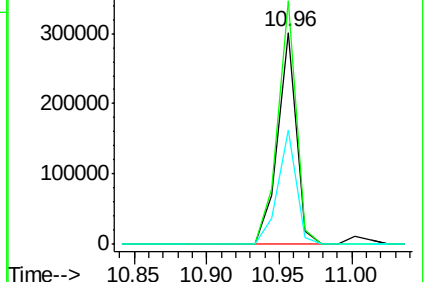
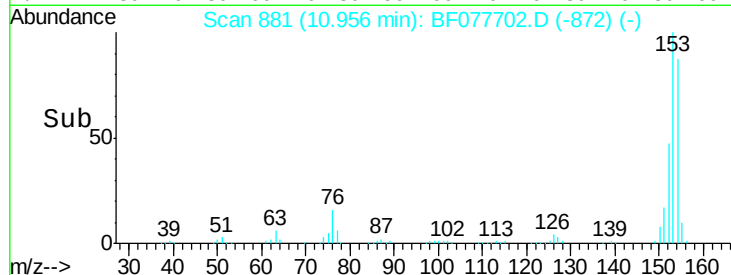
152 53.7 42.6 63.8



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: 39.77 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

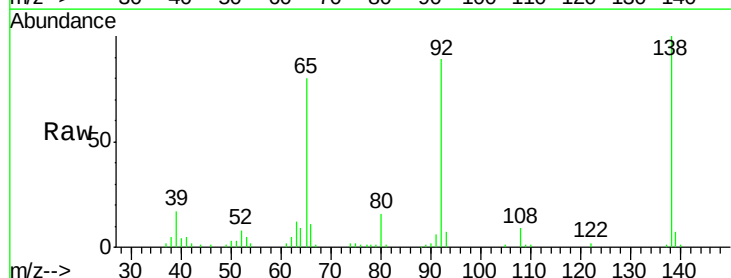
Tgt Ion:138 Resp: 77689

Ion Ratio Lower Upper

138 100

108 8.8 7.3 10.9

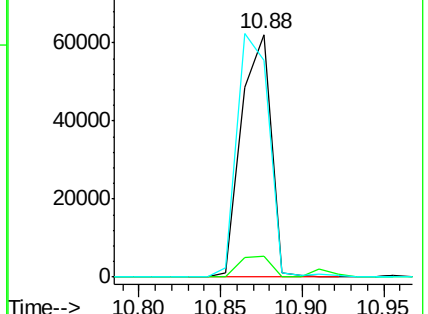
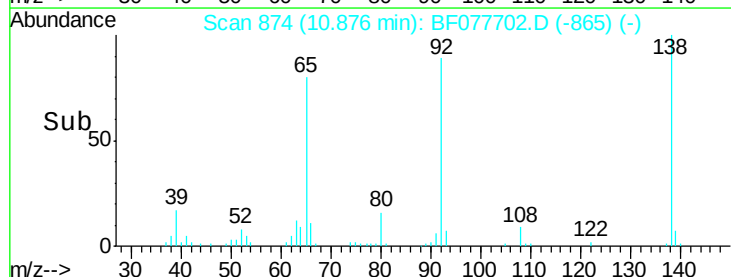
92 89.2 76.6 114.8

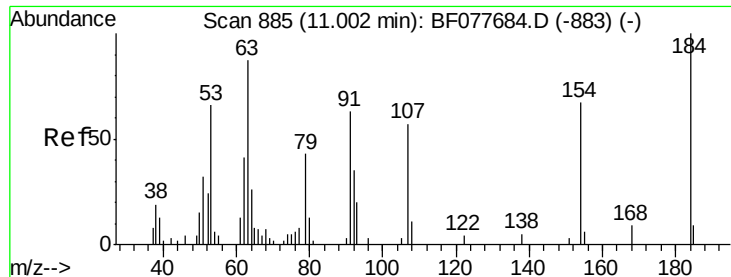


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

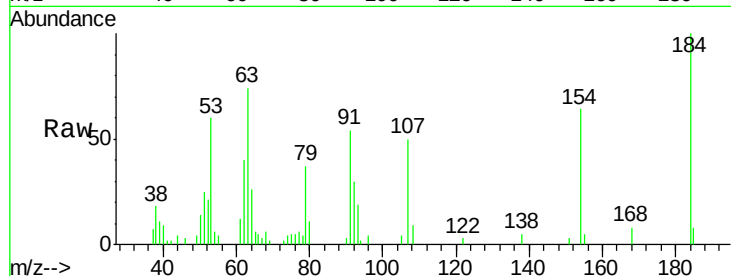




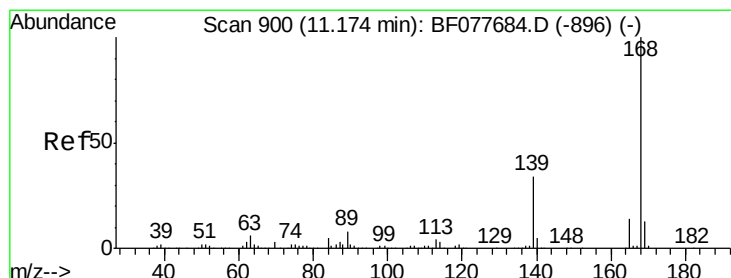
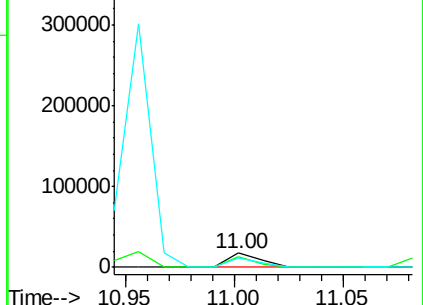
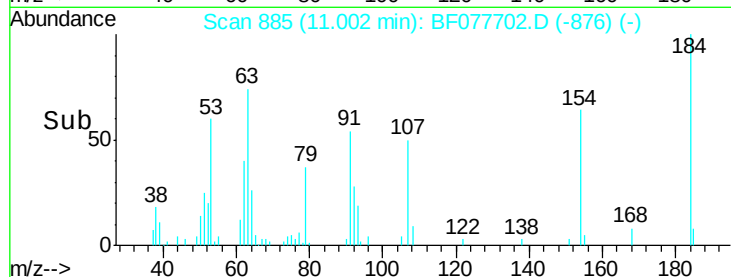
#53  
2,4-Dinitrophenol  
Concen: 36.69 ng  
RT: 11.00 min Scan# 885  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 19674  
Ion Ratio Lower Upper  
184 100  
63 74.2 69.2 103.8  
154 63.8 53.3 79.9

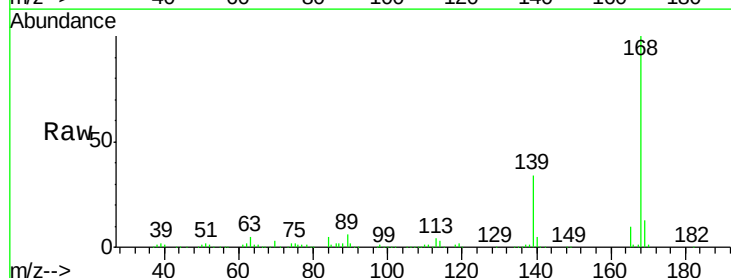


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

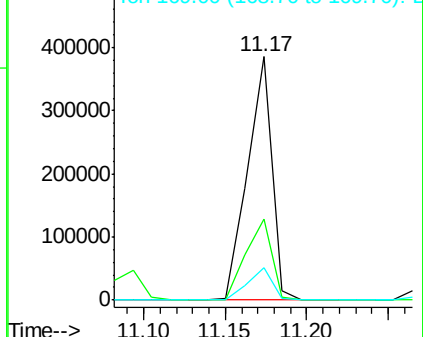
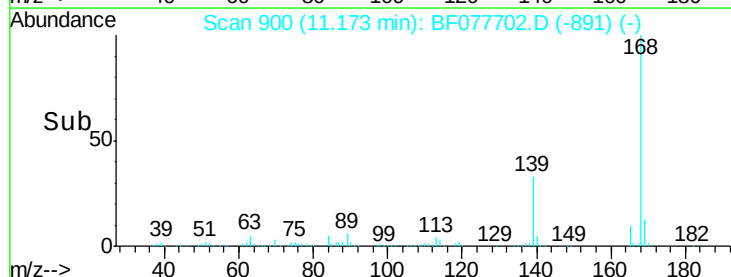


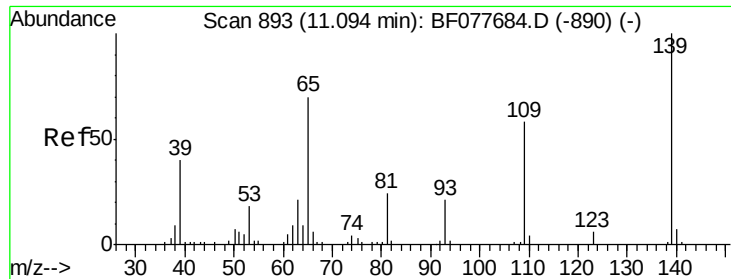
#54  
Dibenzofuran  
Concen: 39.45 ng  
RT: 11.17 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Tgt Ion:168 Resp: 396532  
Ion Ratio Lower Upper  
168 100  
139 33.5 27.3 40.9  
169 13.2 10.6 16.0



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

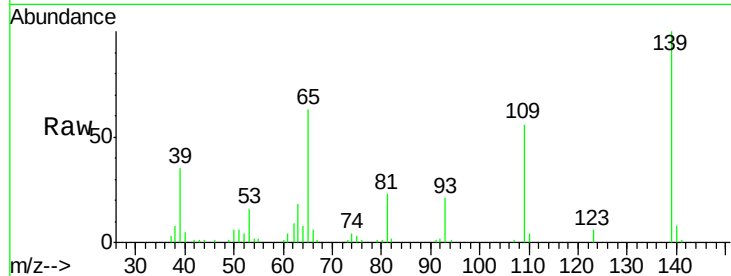




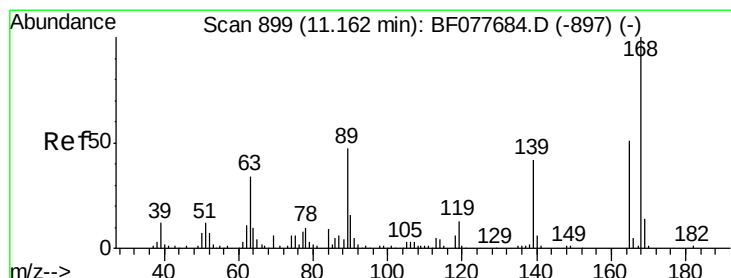
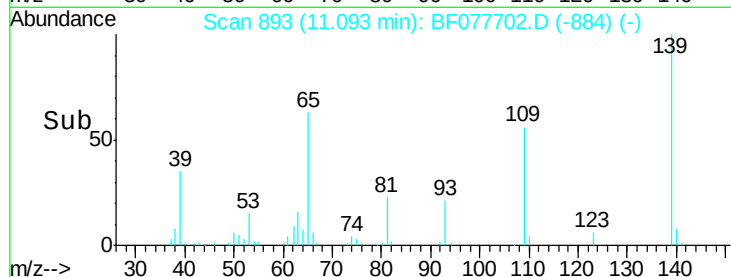
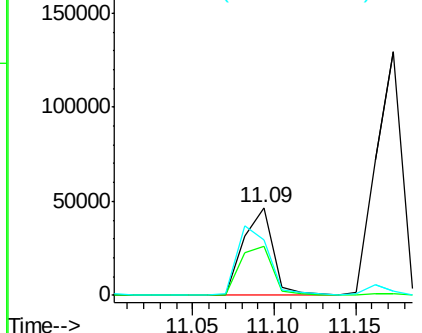
#55  
4-Nitrophenol  
Concen: 40.35 ng  
RT: 11.09 min Scan# 893  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:139 Resp: 58398  
Ion Ratio Lower Upper  
139 100  
109 56.0 37.7 77.7  
65 62.7 49.9 89.9

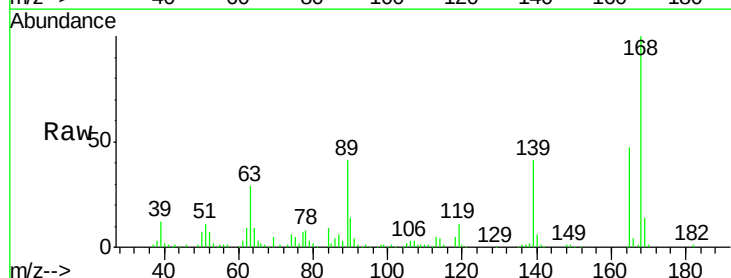


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

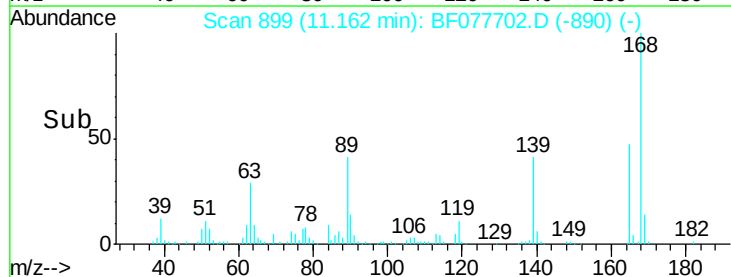
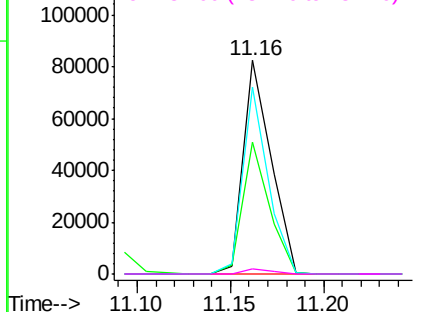


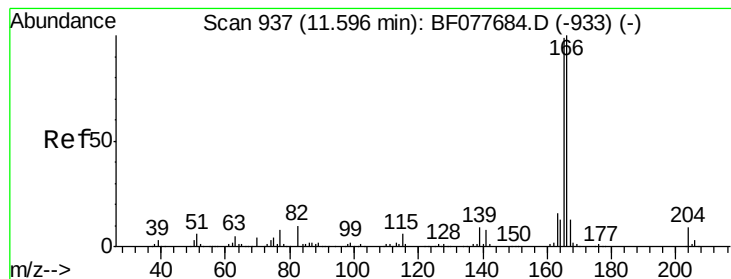
#56  
2,4-Dinitrotoluene  
Concen: 38.88 ng  
RT: 11.16 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Tgt Ion:165 Resp: 85297  
Ion Ratio Lower Upper  
165 100  
63 61.9 52.4 78.6  
89 87.4 72.4 108.6  
182 2.4 2.0 3.0



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





#57

Fluorene

Concen: 39.92 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

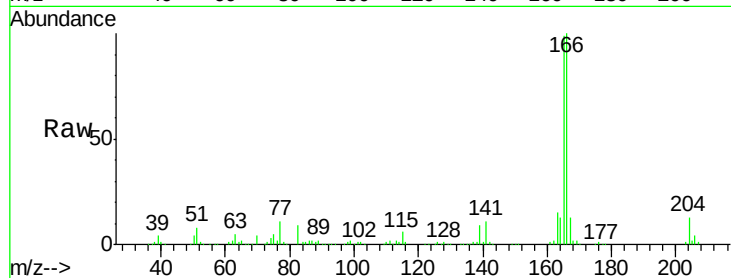
Tgt Ion:166 Resp: 333146

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.4

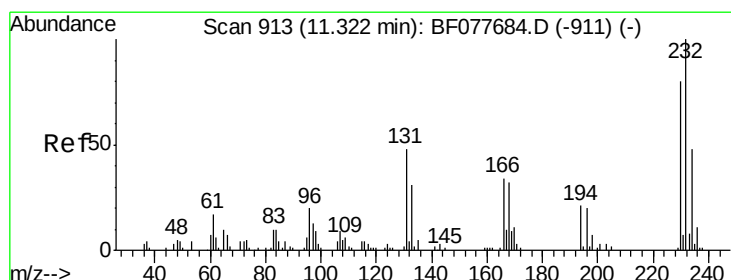
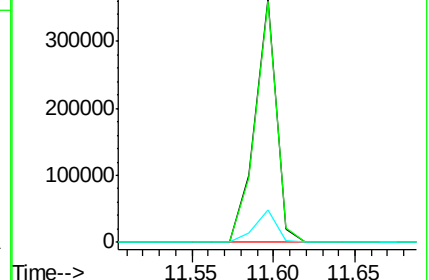
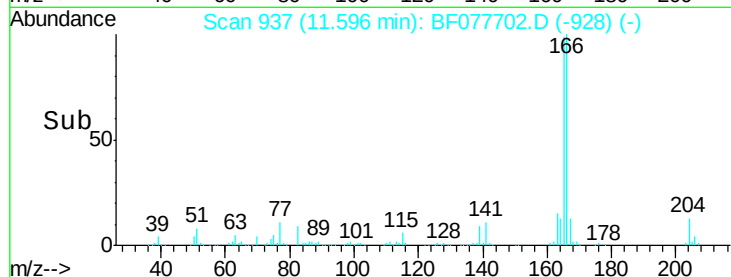
167 13.1 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.11 ng

RT: 11.32 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Tgt Ion:232 Resp: 75420

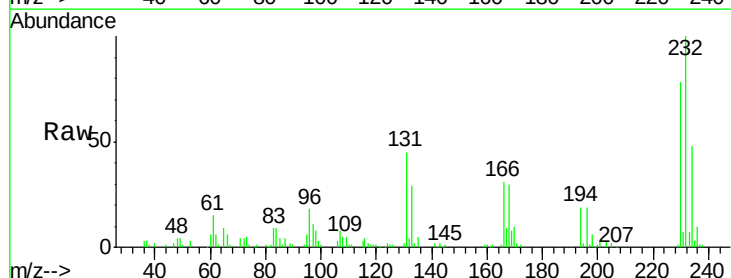
Ion Ratio Lower Upper

232 100

131 45.2 0.0 0.0#

130 2.1 0.0 0.0#

166 30.9 0.0 0.0#

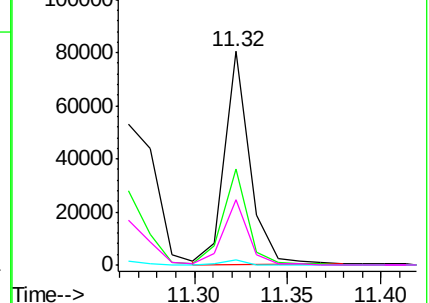
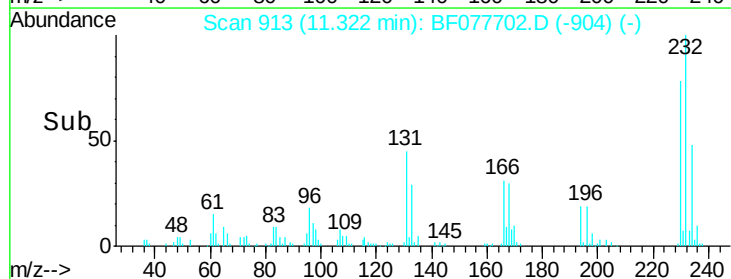


Abundance Ion 232.00 (231.70 to 232.70): E

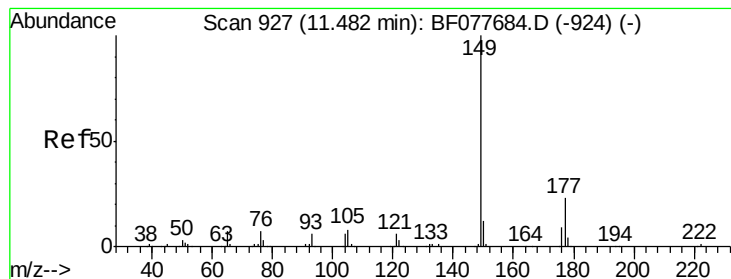
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 38.54 ng

RT: 11.48 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

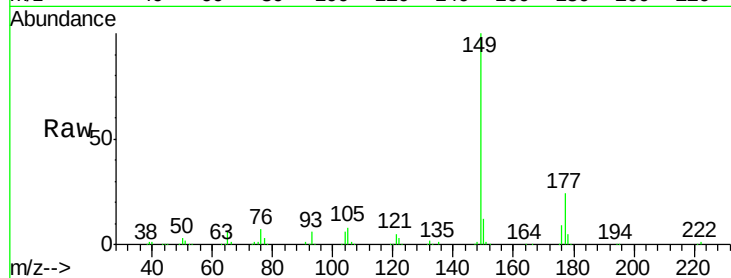
Tgt Ion:149 Resp: 304785

Ion Ratio Lower Upper

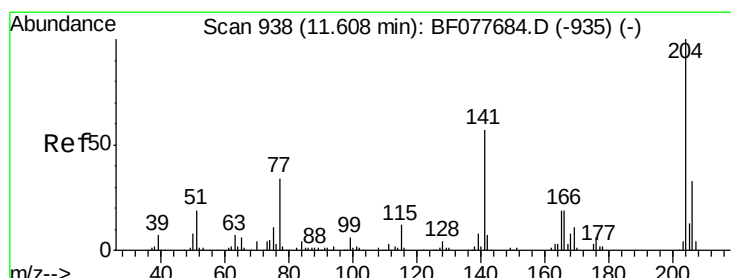
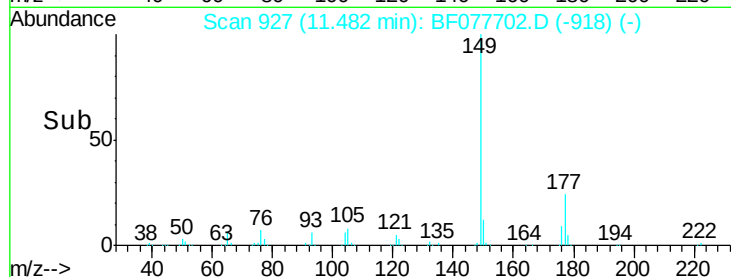
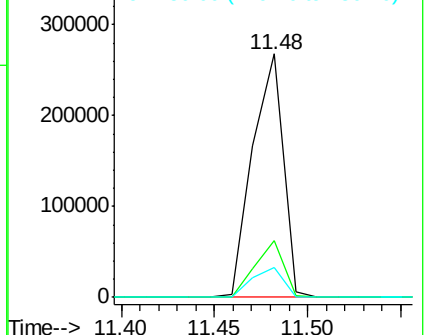
149 100

177 23.6 18.3 27.5

150 12.3 9.8 14.8



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: 38.46 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

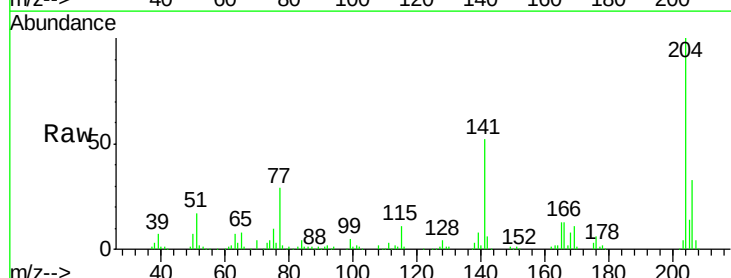
Tgt Ion:204 Resp: 146500

Ion Ratio Lower Upper

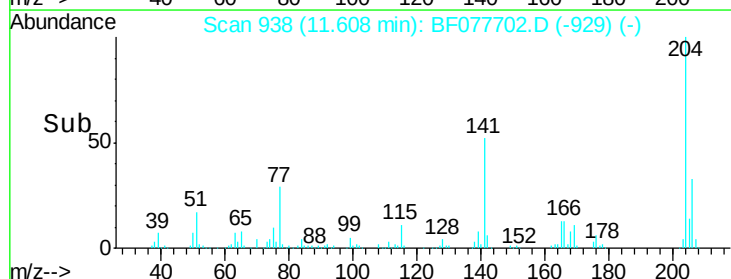
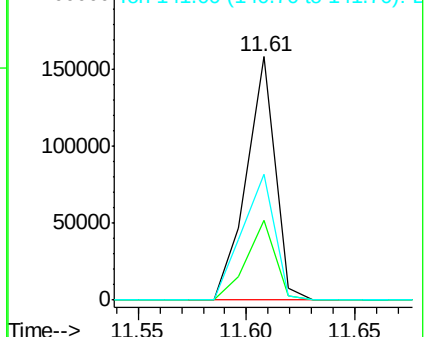
204 100

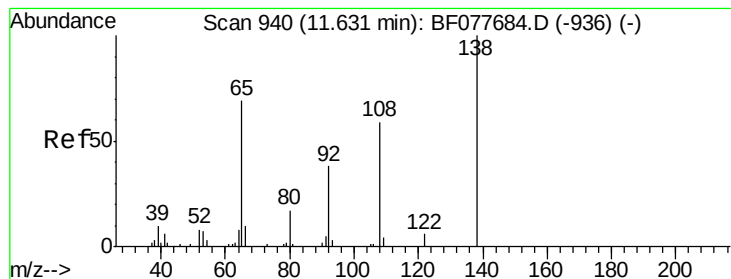
206 32.7 26.6 39.8

141 51.7 45.2 67.8



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: 38.64 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

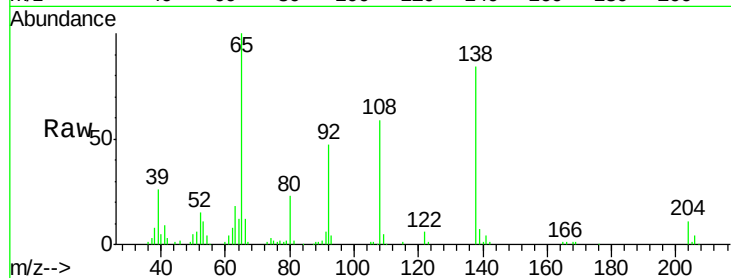
Tgt Ion:138 Resp: 75240

Ion Ratio Lower Upper

138 100

92 55.9 16.7 56.7

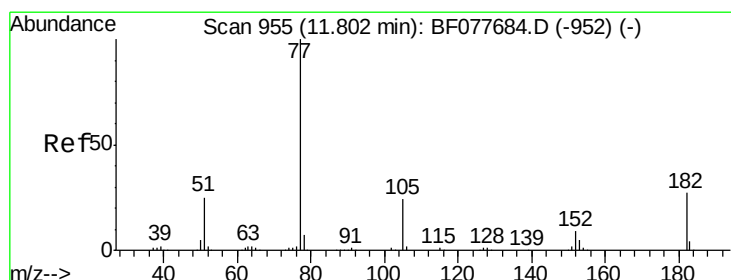
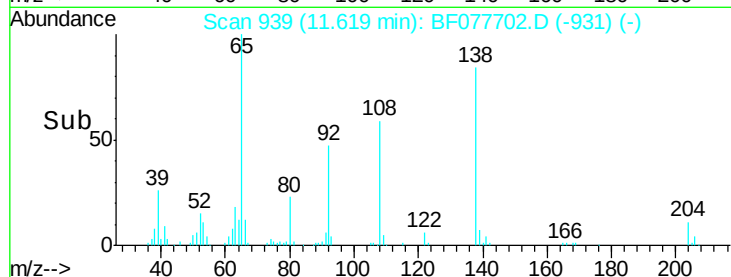
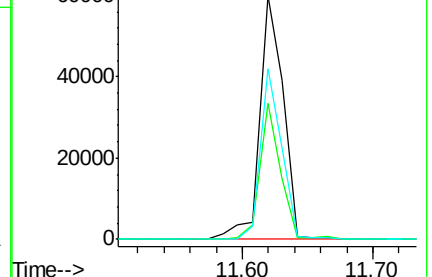
108 70.2 37.6 77.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.85 ng

RT: 11.80 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Tgt Ion: 77 Resp: 301137

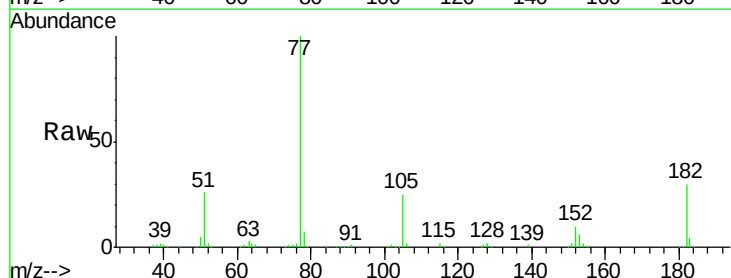
Ion Ratio Lower Upper

77 100

182 29.8 6.5 46.5

105 25.0 3.8 43.8

51 25.9 5.5 45.5

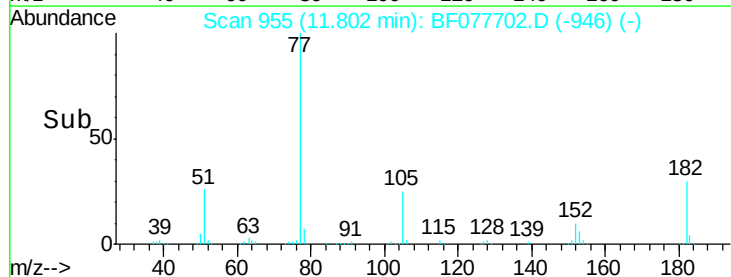
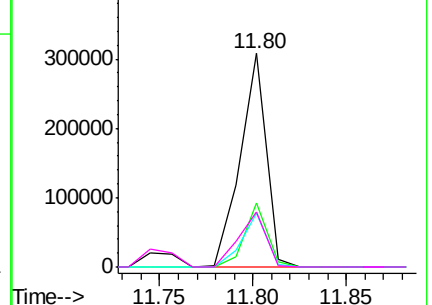


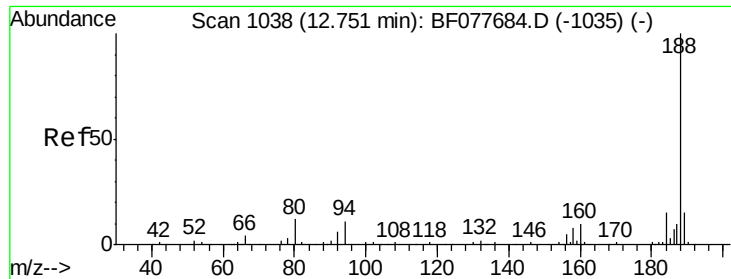
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

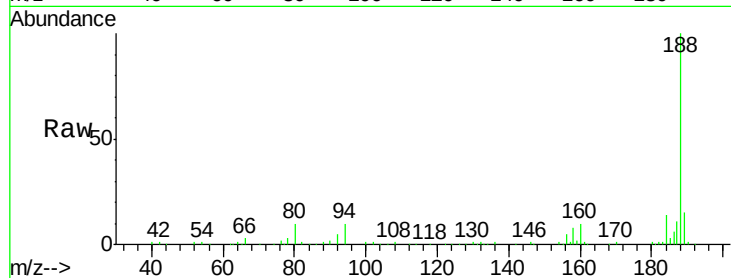




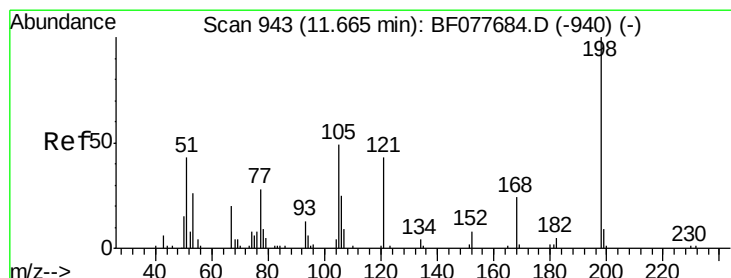
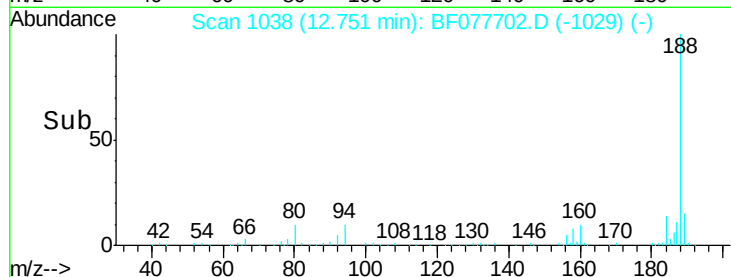
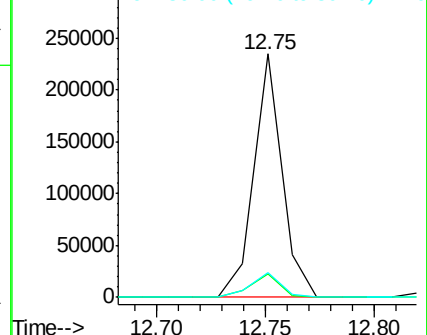
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.75 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:188 Resp: 212129  
Ion Ratio Lower Upper  
188 100  
94 9.5 8.7 13.1  
80 9.9 9.3 13.9

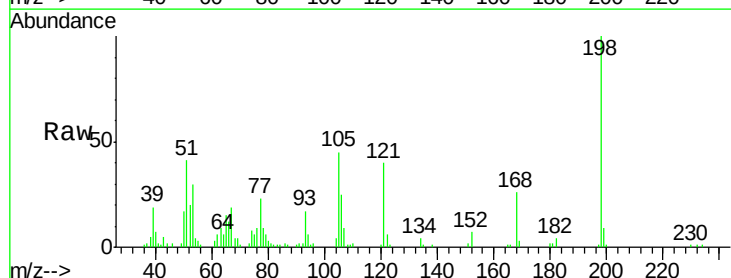


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

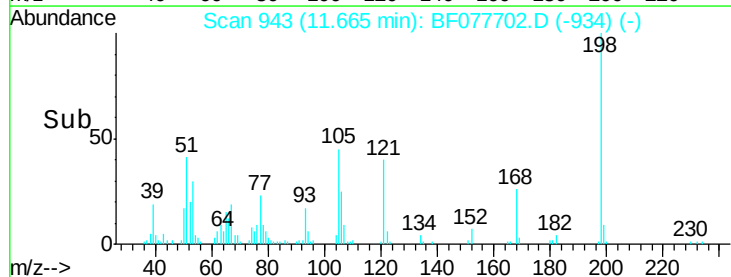
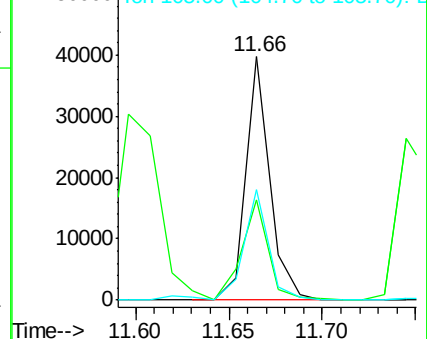


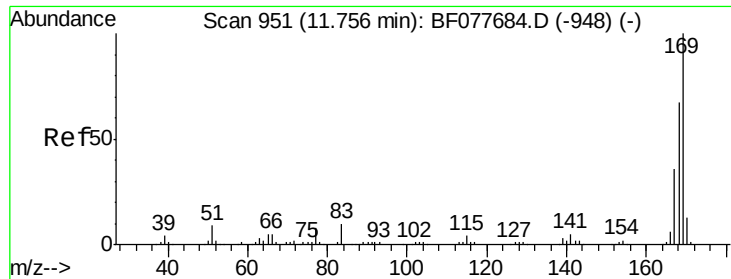
#64  
4,6-Dinitro-2-methylphenol  
Concen: 36.57 ng  
RT: 11.66 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Tgt Ion:198 Resp: 35497  
Ion Ratio Lower Upper  
198 100  
51 41.2 28.8 68.8  
105 45.4 30.5 70.5



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

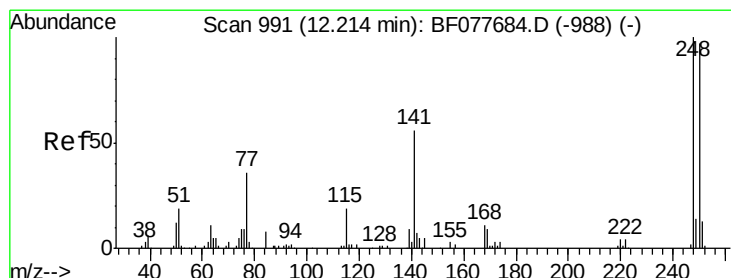
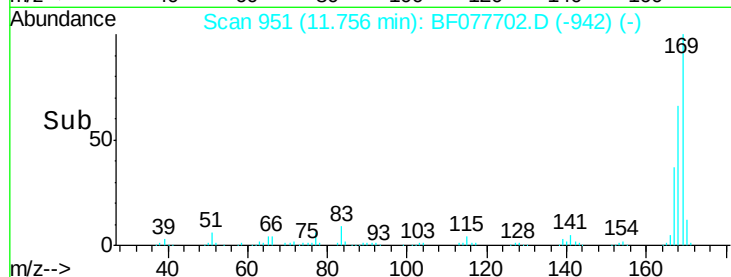
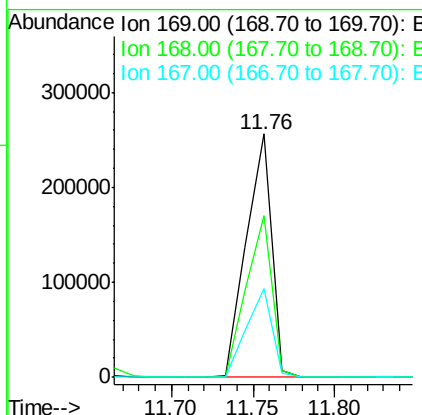
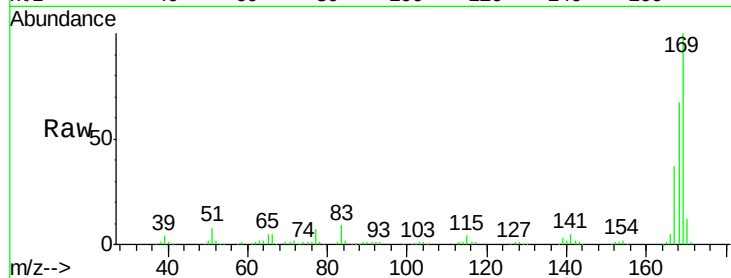




#65  
 n-Nitrosodiphenylamine  
 Concen: 39.08 ng  
 RT: 11.76 min Scan# 951  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

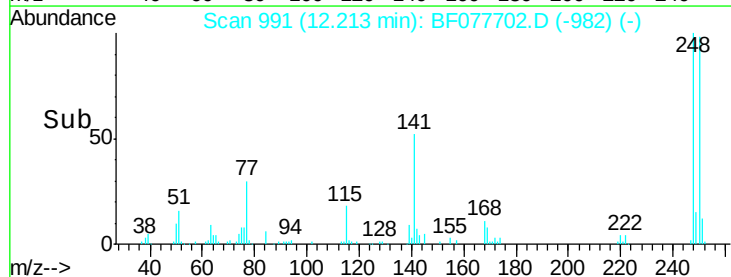
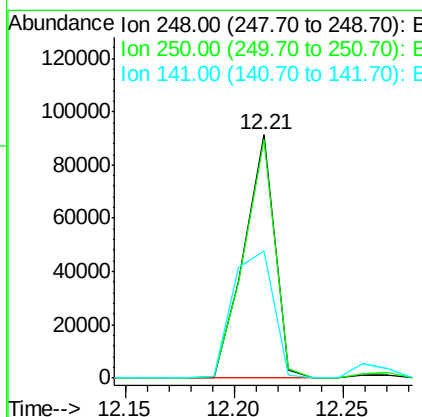
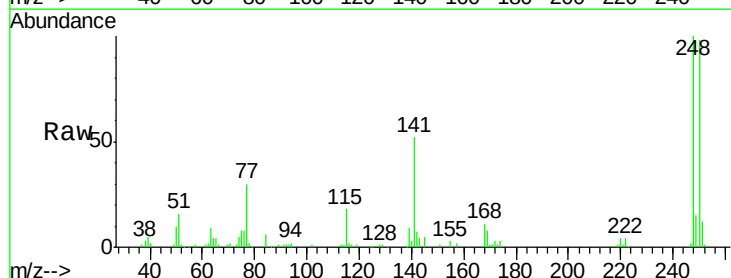
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

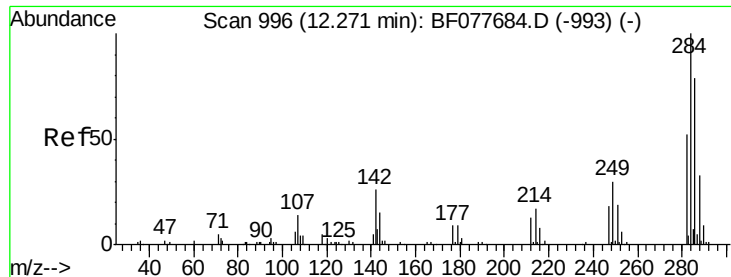
Tgt Ion:169 Resp: 276041  
 Ion Ratio Lower Upper  
 169 100  
 168 66.6 53.9 80.9  
 167 36.6 28.9 43.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 39.60 ng  
 RT: 12.21 min Scan# 991  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Tgt Ion:248 Resp: 89644  
 Ion Ratio Lower Upper  
 248 100  
 250 98.2 77.4 116.0  
 141 52.0 45.2 67.8

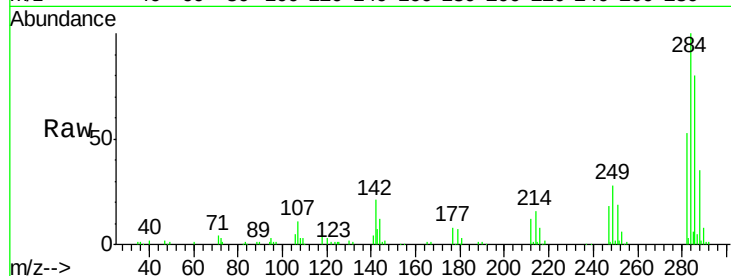




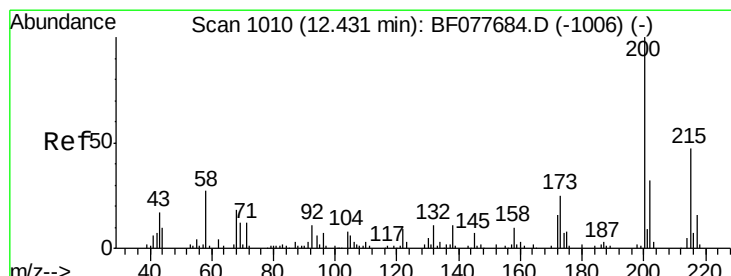
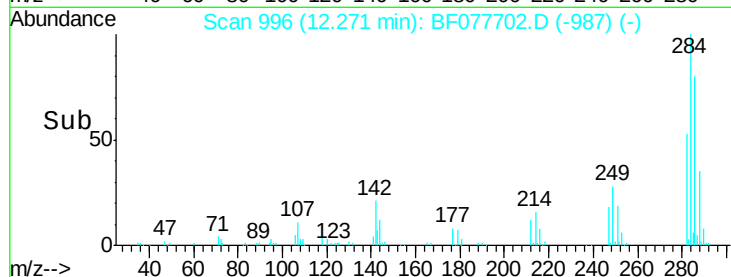
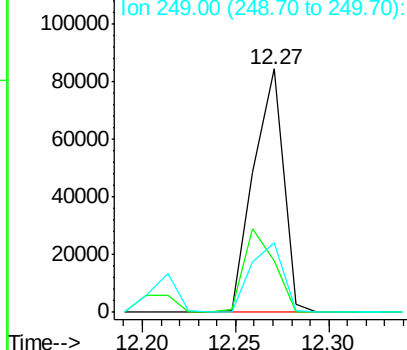
#67  
Hexachlorobenzene  
Concen: 37.70 ng  
RT: 12.27 min Scan# 996  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:284 Resp: 93773  
Ion Ratio Lower Upper  
284 100  
142 21.4 20.4 30.6  
249 28.5 23.8 35.6

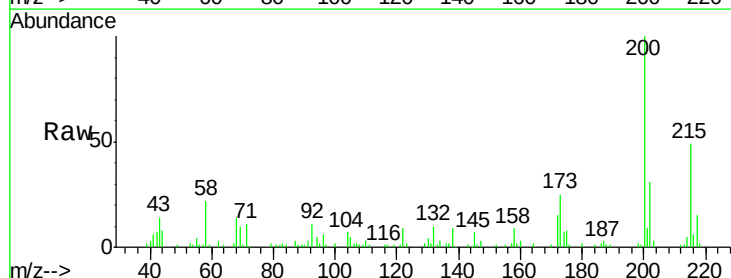


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

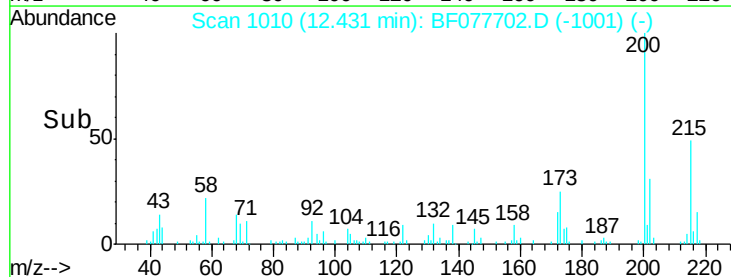
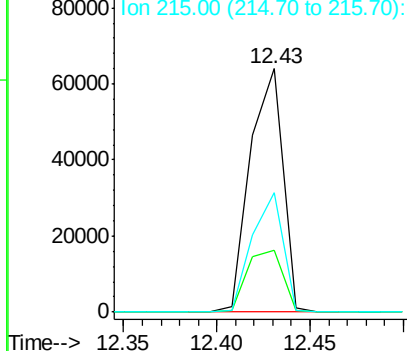


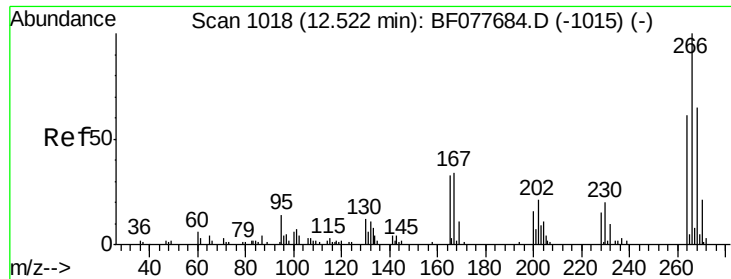
#68  
Atrazine  
Concen: 39.16 ng  
RT: 12.43 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Tgt Ion:200 Resp: 77516  
Ion Ratio Lower Upper  
200 100  
173 25.2 4.8 44.8  
215 49.2 26.9 66.9



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

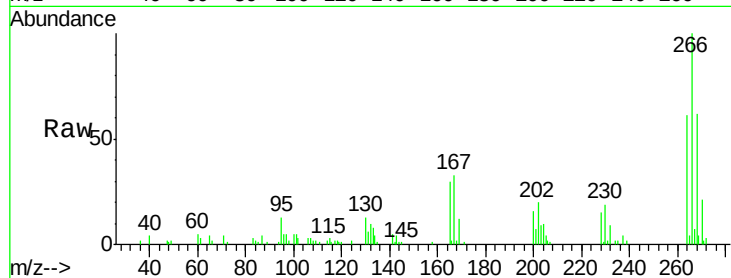




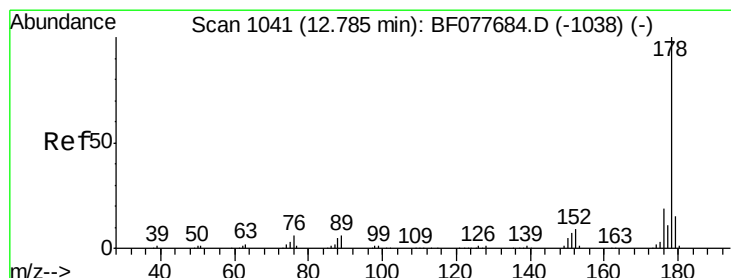
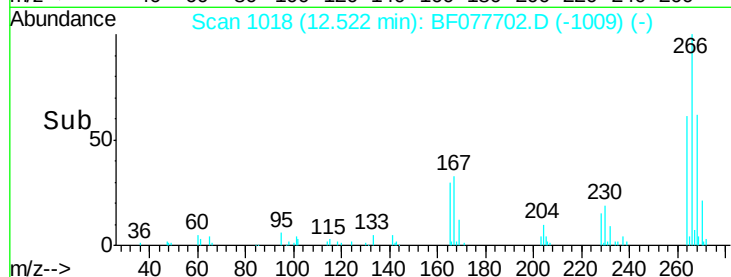
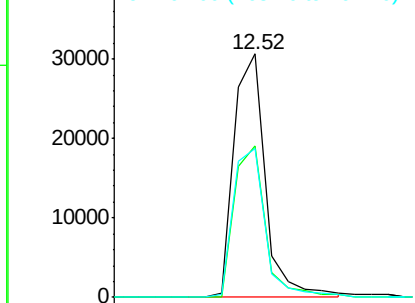
#69  
 Pentachlorophenol  
 Concen: 37.12 ng  
 RT: 12.52 min Scan# 1018  
 Delta R.T. 0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:266 Resp: 46127  
 Ion Ratio Lower Upper  
 266 100  
 268 62.2 52.0 78.0  
 264 61.3 49.0 73.4

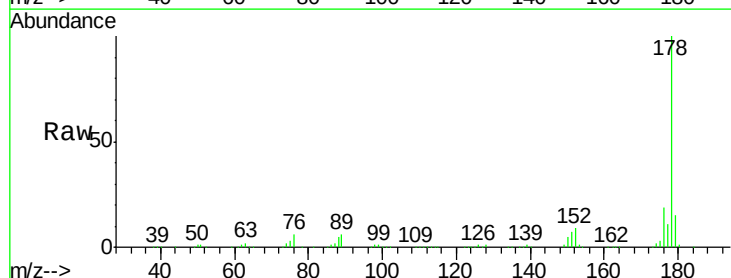


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

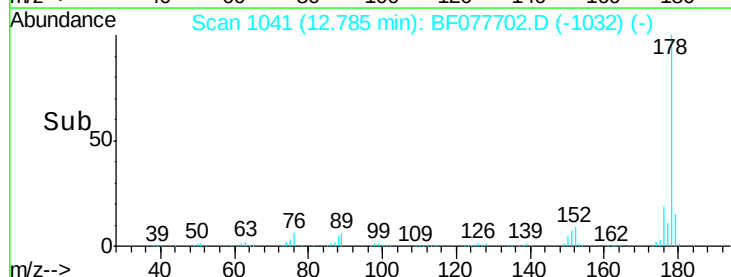
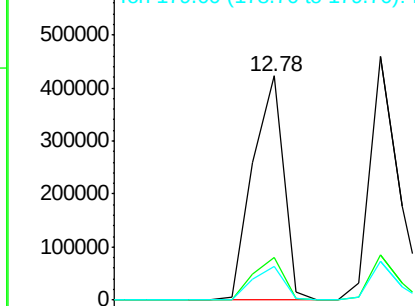


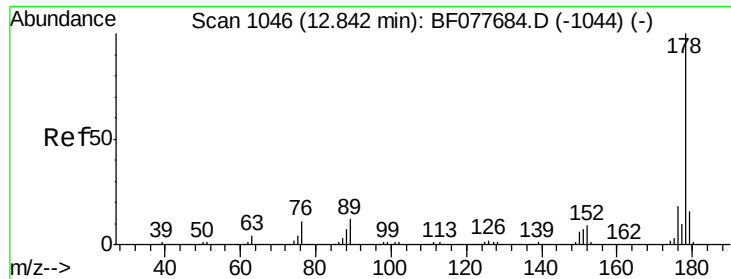
#70  
 Phenanthrene  
 Concen: 39.63 ng  
 RT: 12.78 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Tgt Ion:178 Resp: 482629  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.2 22.8  
 179 15.3 12.1 18.1



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

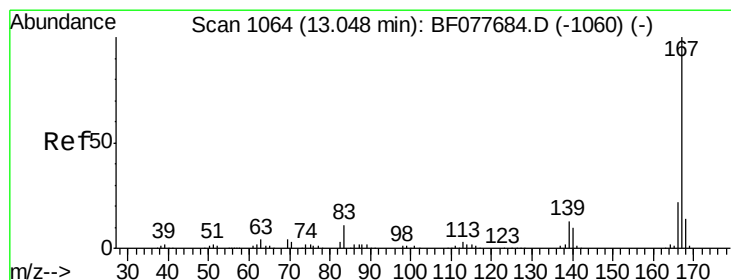
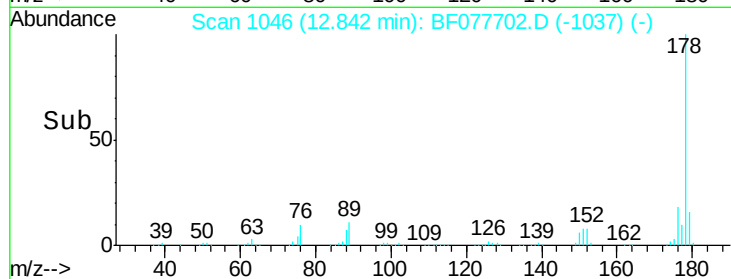
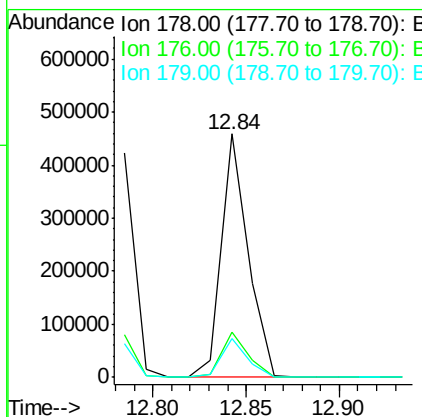
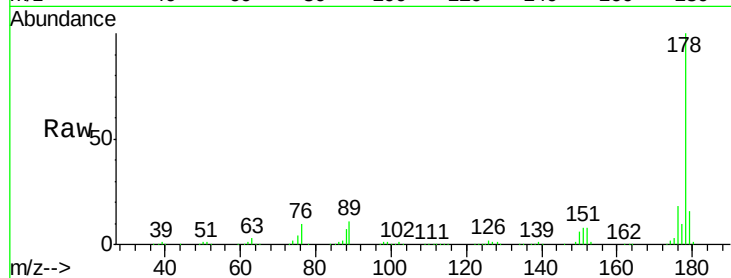




#71  
 Anthracene  
 Concen: 38.14 ng  
 RT: 12.84 min Scan# 1046  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

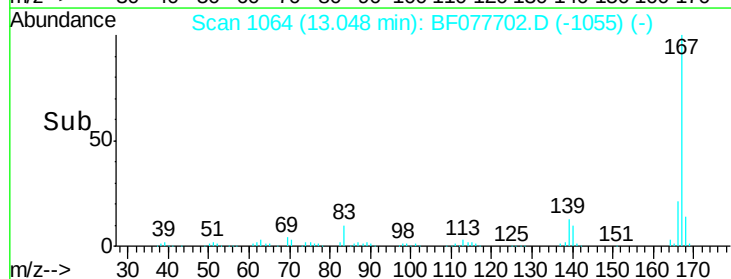
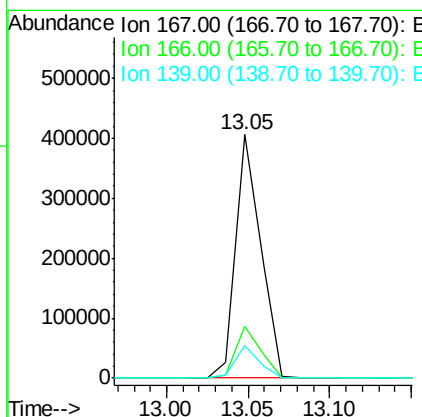
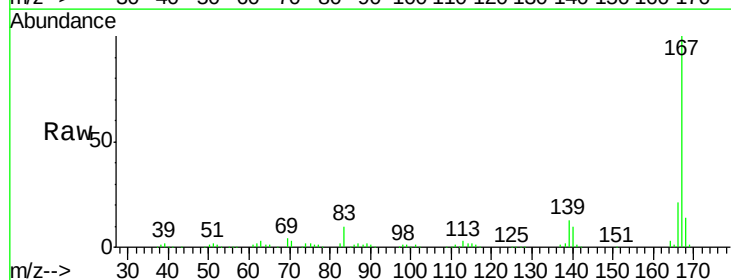
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

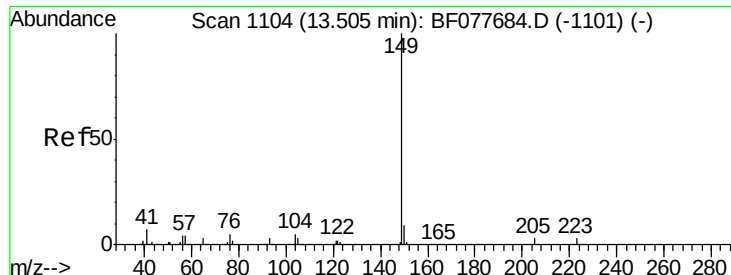
Tgt Ion:178 Resp: 458837  
 Ion Ratio Lower Upper  
 178 100  
 176 18.4 14.6 22.0  
 179 16.0 12.6 19.0



#72  
 Carbazole  
 Concen: 37.44 ng  
 RT: 13.05 min Scan# 1064  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Tgt Ion:167 Resp: 428450  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.2 25.8  
 139 13.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 39.07 ng

RT: 13.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

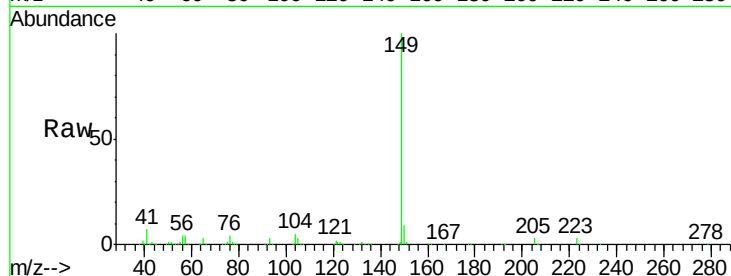
Tgt Ion:149 Resp: 501371

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

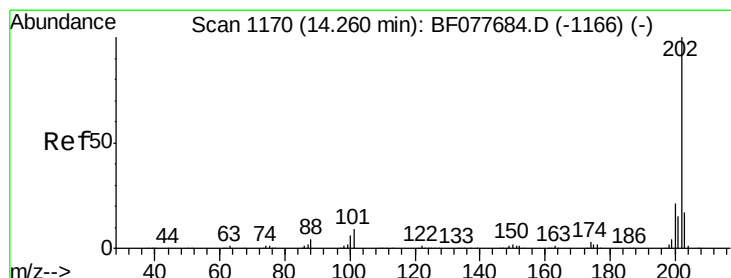
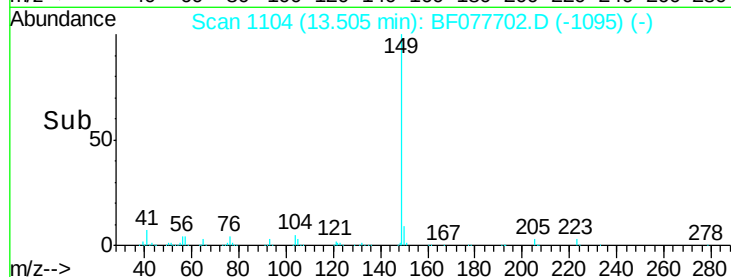
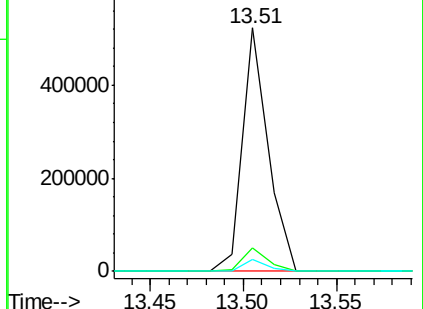
104 4.7 3.7 5.5



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: 37.77 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

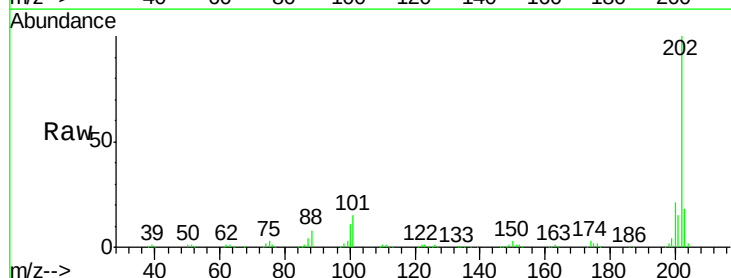
Tgt Ion:202 Resp: 507260

Ion Ratio Lower Upper

202 100

101 14.8 0.0 28.7

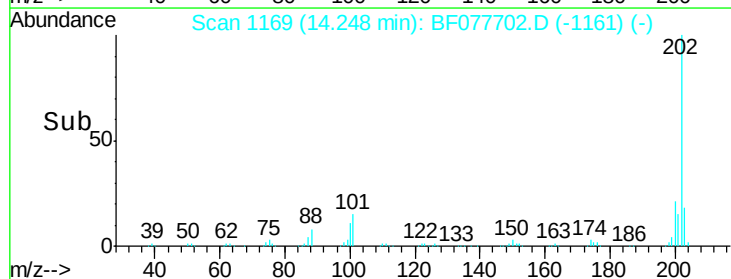
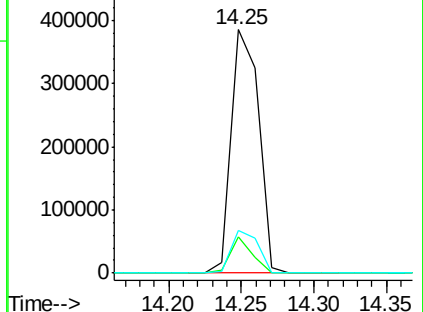
203 17.6 0.0 37.2



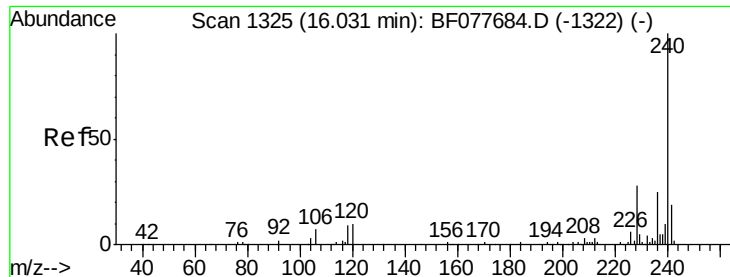
Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.03 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

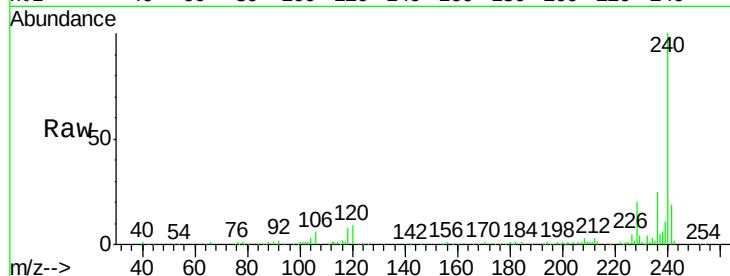
Tgt Ion:240 Resp: 215184

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

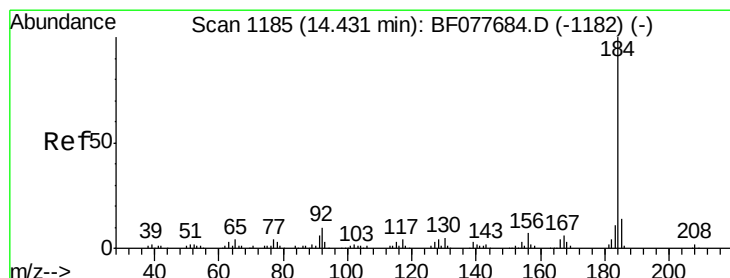
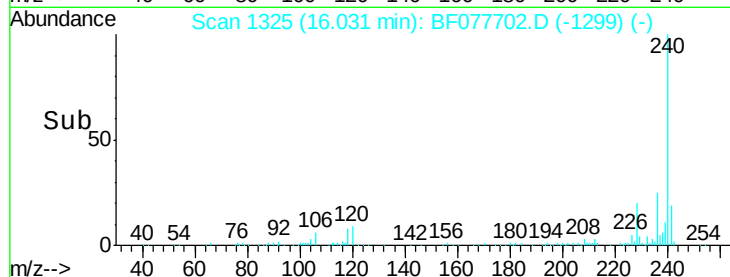
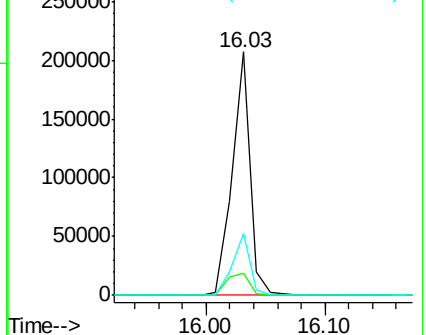
236 25.3 20.0 30.0



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: 37.99 ng

RT: 14.43 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

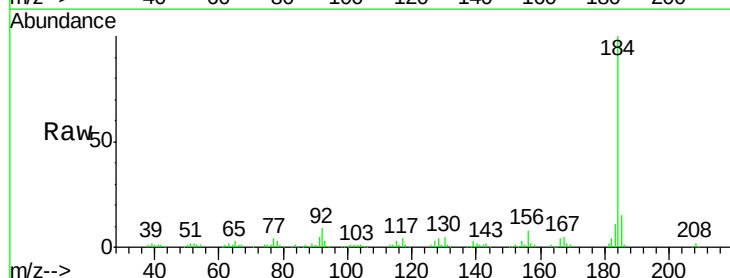
Tgt Ion:184 Resp: 202330

Ion Ratio Lower Upper

184 100

185 14.8 11.3 16.9

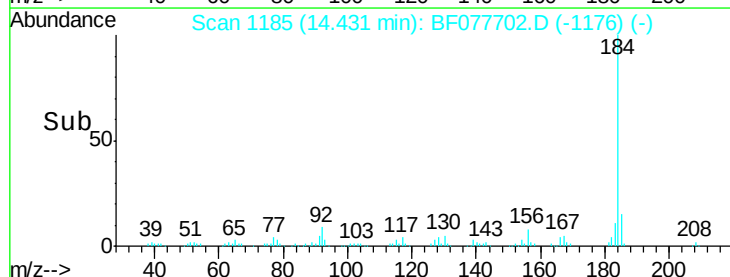
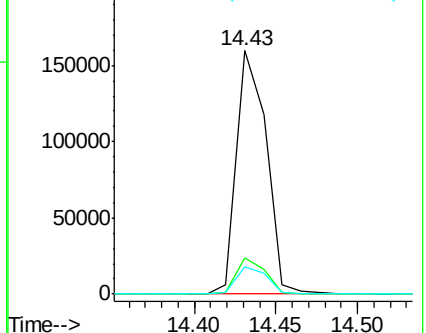
183 11.2 8.9 13.3

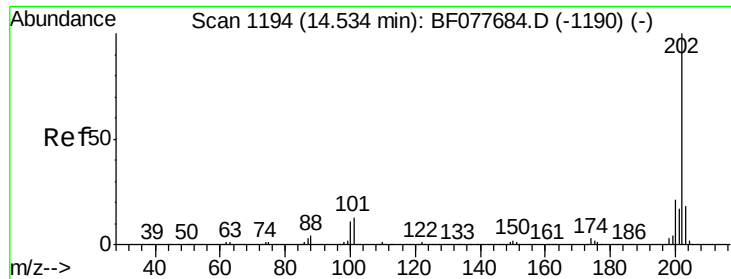


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

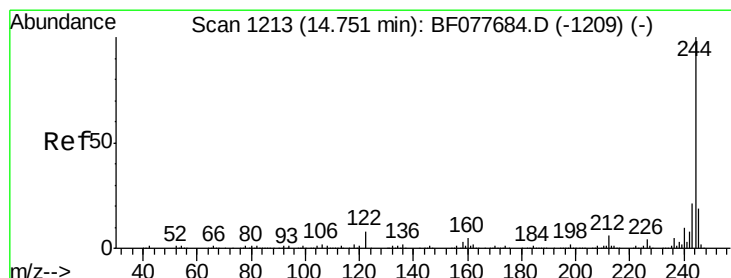
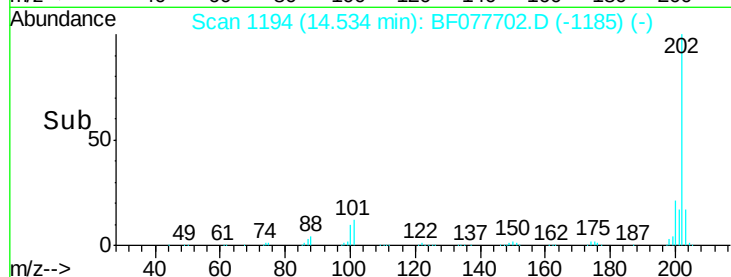
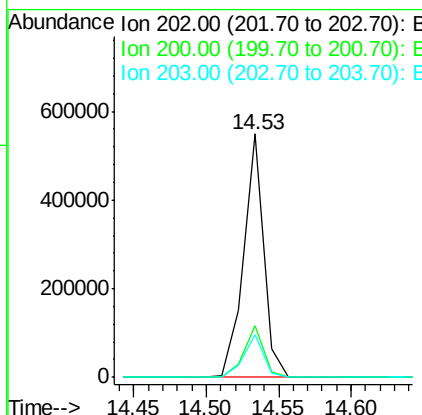
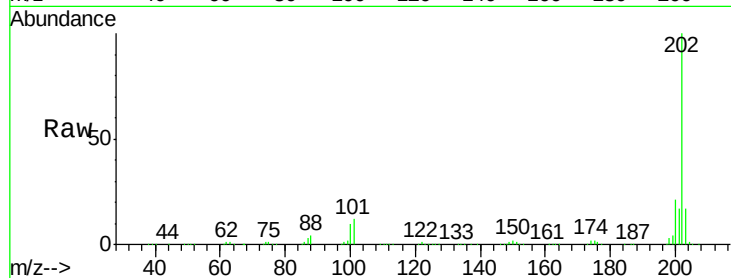




#77  
 Pyrene  
 Concen: 39.07 ng  
 RT: 14.53 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

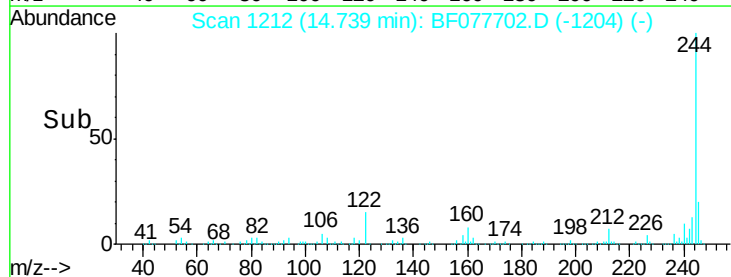
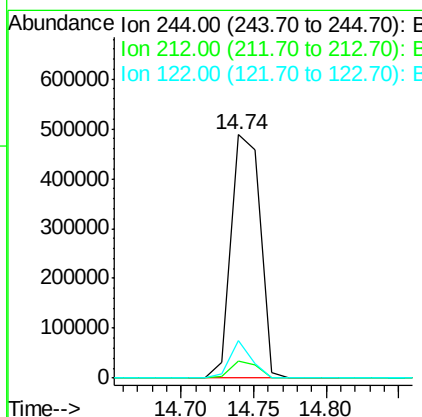
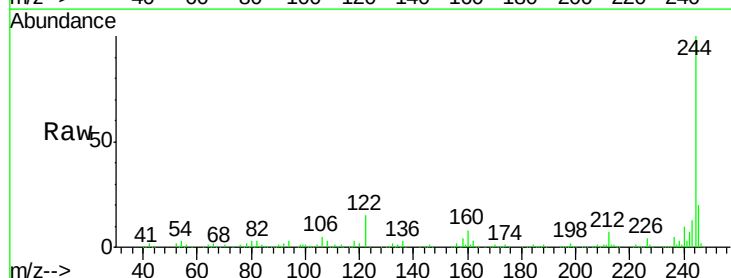
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

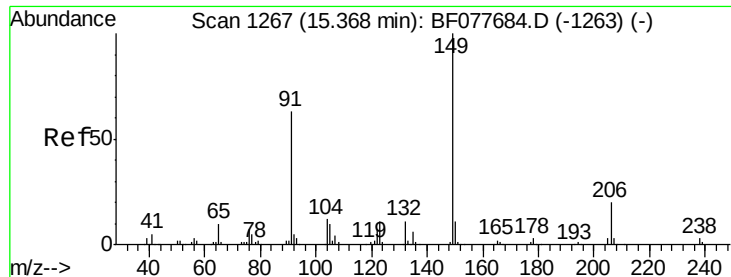
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.0  | 16.9  | 25.3  |
| 203     | 17.4  | 14.1  | 21.1  |



#78  
 Terphenyl-d14  
 Concen: 77.17 ng  
 RT: 14.74 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 4.9   | 7.3   |
| 122     | 15.4  | 6.2   | 9.4   |

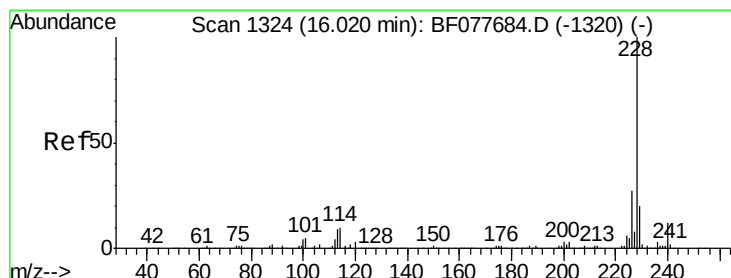
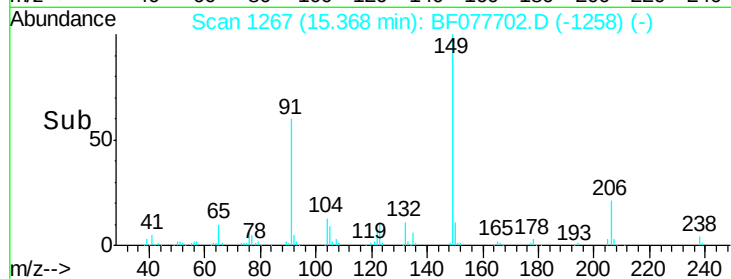
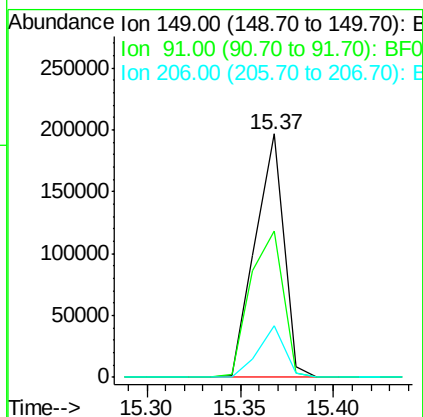
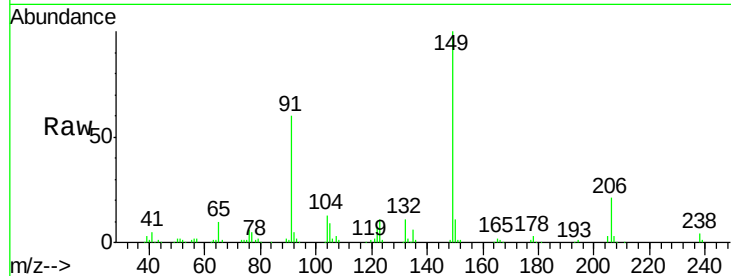




#79  
Butylbenzylphthalate  
Concen: 39.25 ng  
RT: 15.37 min Scan# 1267  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

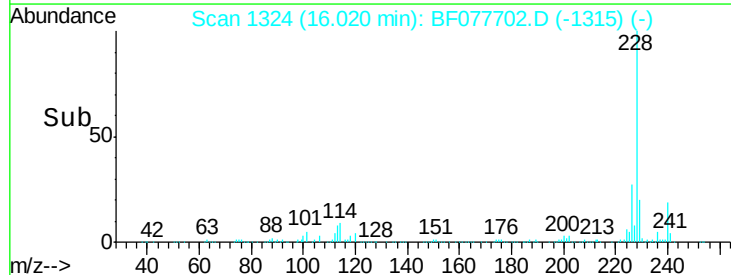
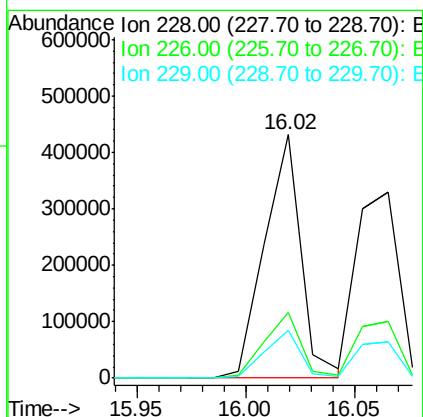
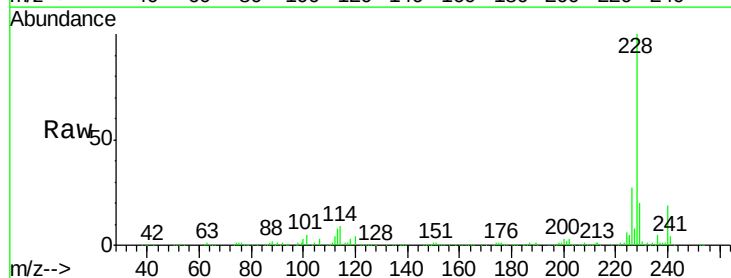
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

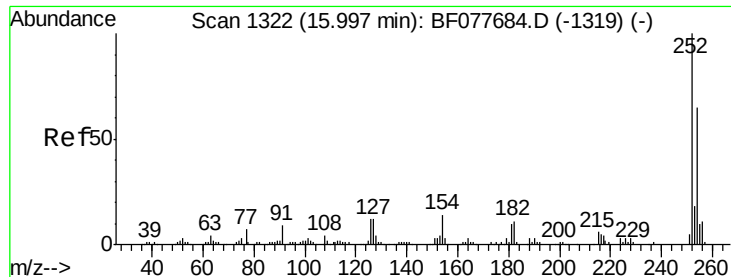
Tgt Ion:149 Resp: 209388  
Ion Ratio Lower Upper  
149 100  
91 60.0 50.1 75.1  
206 21.4 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 39.68 ng  
RT: 16.02 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Tgt Ion:228 Resp: 506135  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.7 32.5  
229 19.7 16.0 24.0

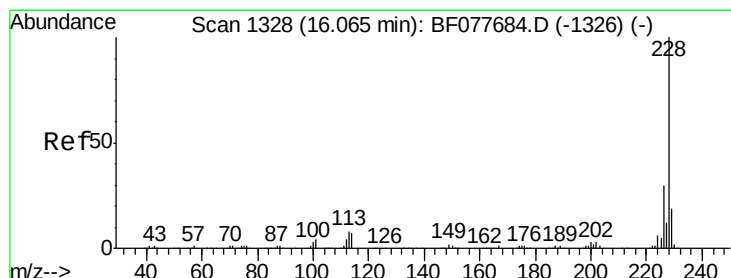
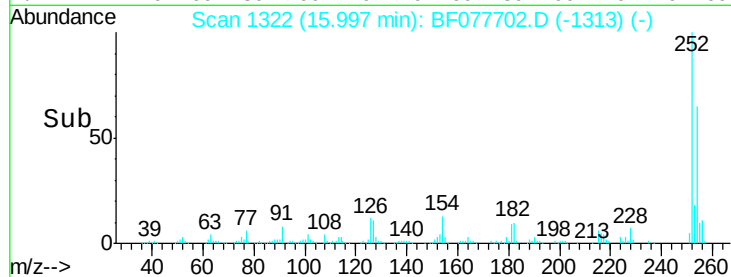
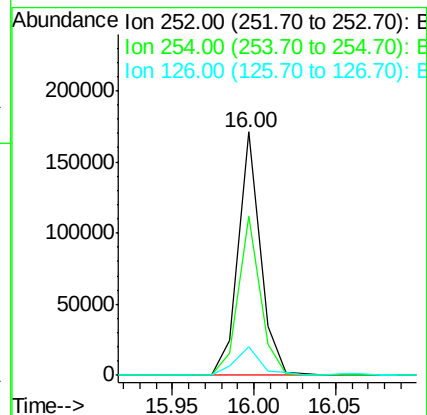
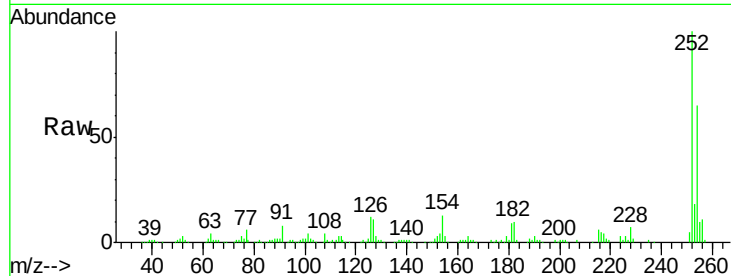




#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.17 ng  
 RT: 16.00 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

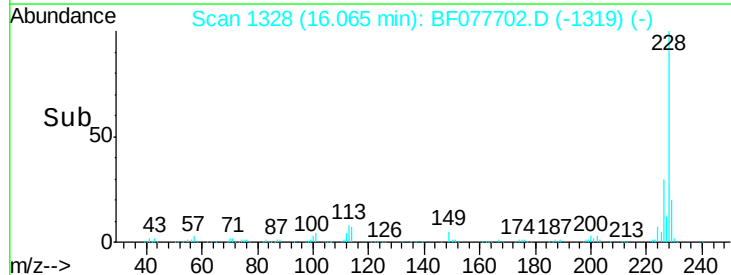
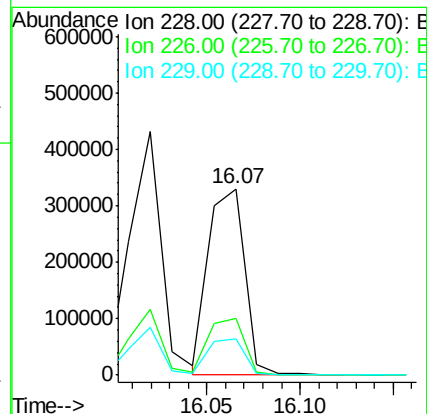
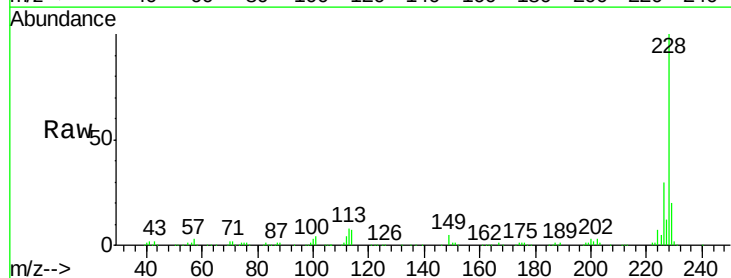
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

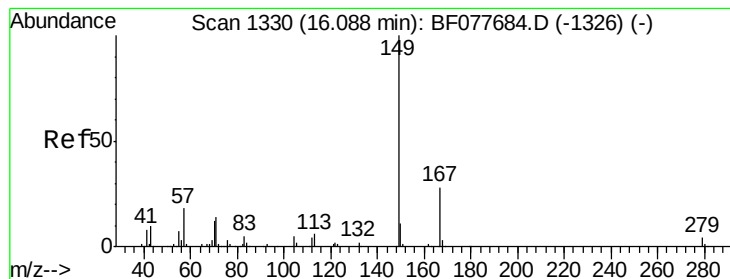
Tgt Ion: 252 Resp: 160594  
 Ion Ratio Lower Upper  
 252 100  
 254 65.4 51.9 77.9  
 126 11.8 9.8 14.8



#82  
 Chrysene  
 Concen: 38.92 ng  
 RT: 16.07 min Scan# 1328  
 Delta R.T. -0.00 min  
 Lab File: BF077702.D  
 Acq: 11 Mar 2015 22:53

Tgt Ion: 228 Resp: 446361  
 Ion Ratio Lower Upper  
 228 100  
 226 30.3 24.1 36.1  
 229 19.7 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.79 ng

RT: 16.08 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

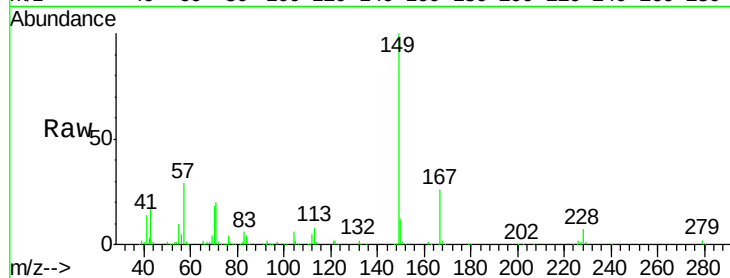
Tgt Ion:149 Resp: 321567

Ion Ratio Lower Upper

149 100

167 25.7 22.4 33.6

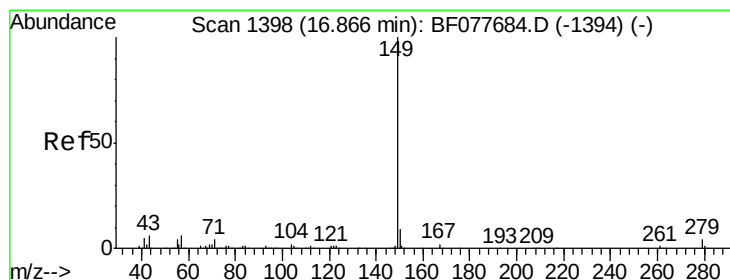
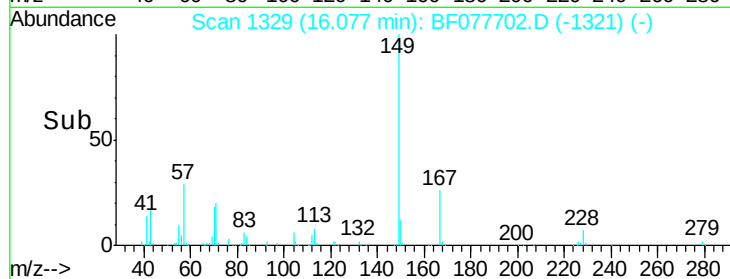
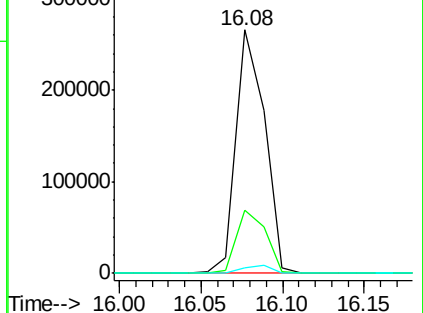
279 2.4 3.4 5.0#



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: 39.04 ng

RT: 16.85 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

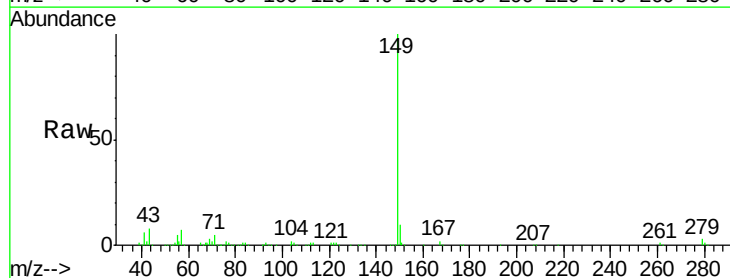
Tgt Ion:149 Resp: 539379

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

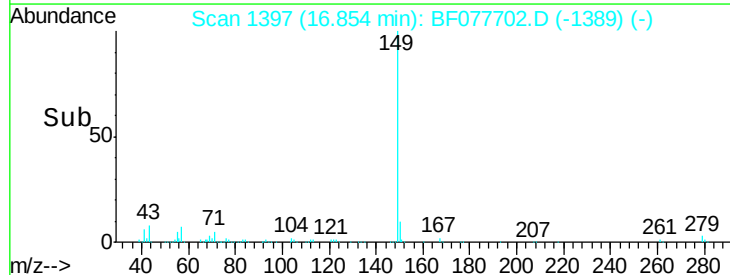
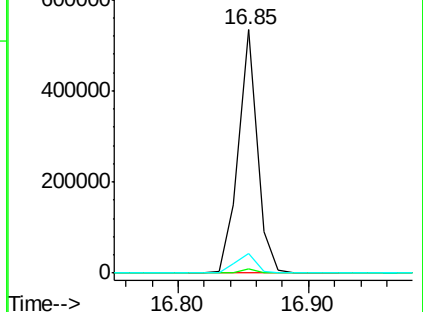
43 9.3 7.3 10.9

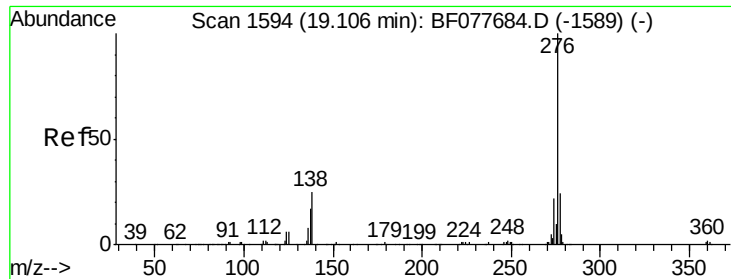


Abundance Ion 149.00 (148.70 to 149.70): E

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: 38.95 ng

RT: 19.08 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

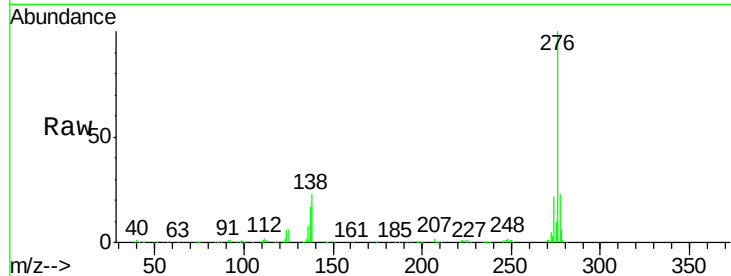
Tgt Ion:276 Resp: 557539

Ion Ratio Lower Upper

276 100

138 28.7 0.0 0.0#

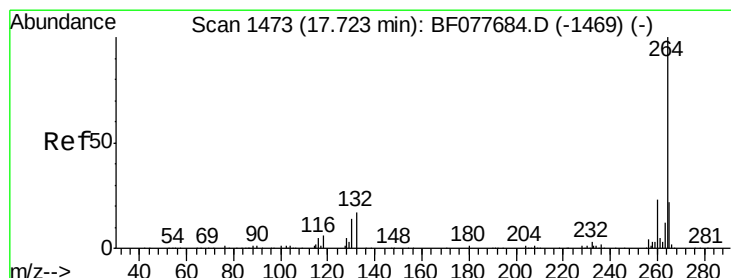
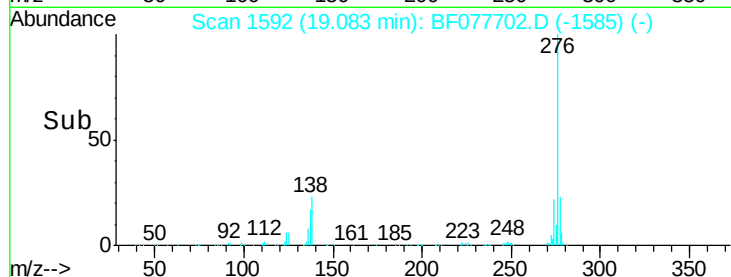
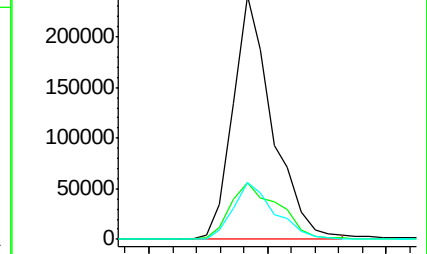
277 24.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.70 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

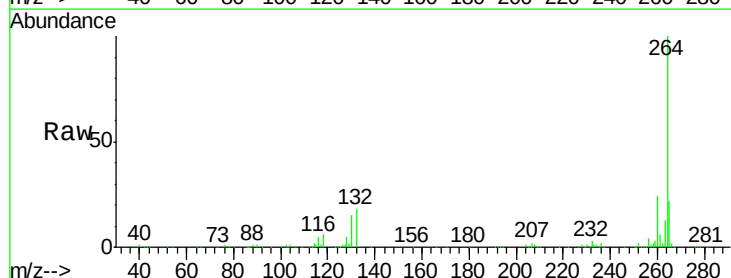
Tgt Ion:264 Resp: 207430

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

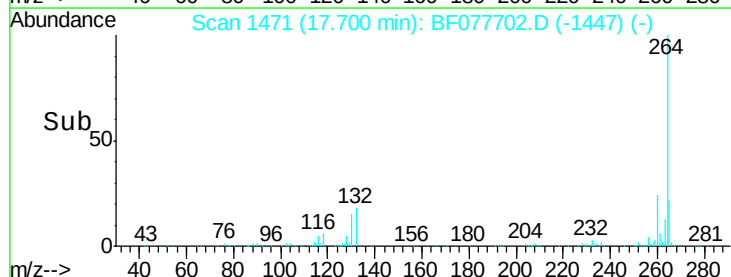
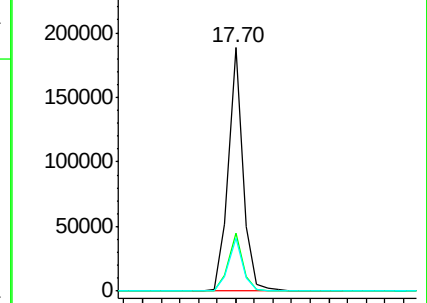
265 22.0 17.3 25.9

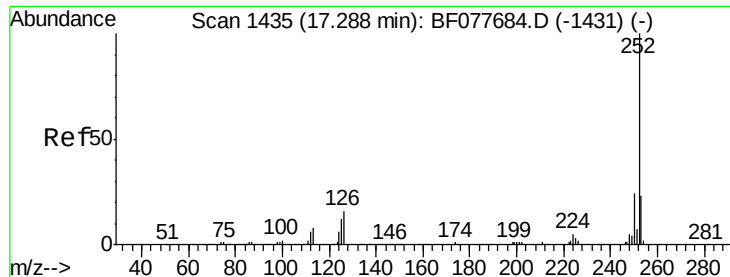


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

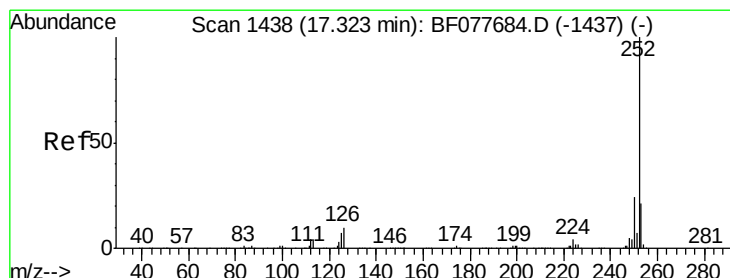
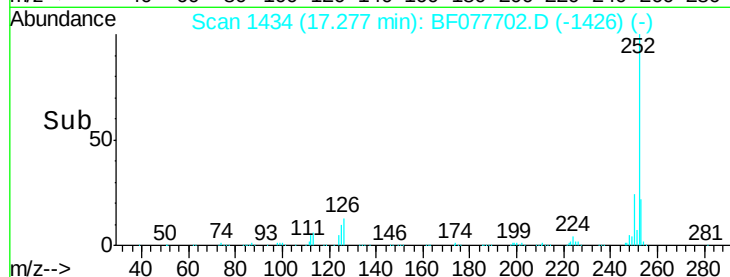
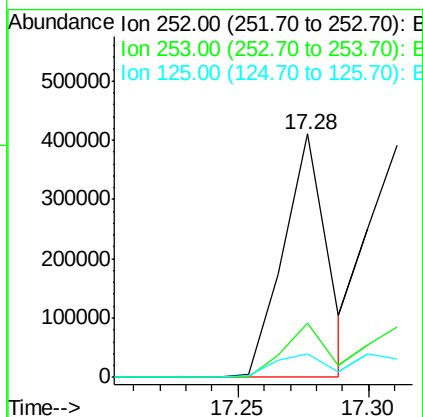
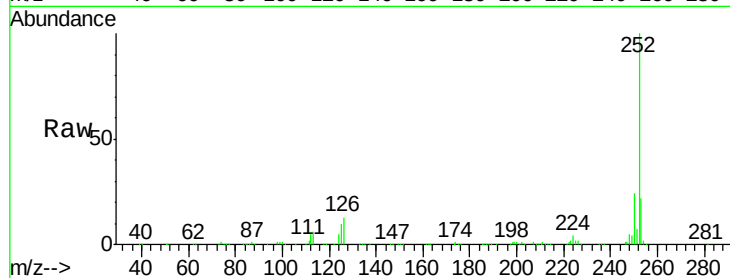




#87  
Benzo(b)fluoranthene  
Concen: 35.21 ng  
RT: 17.28 min Scan# 1434  
Delta R.T. -0.01 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

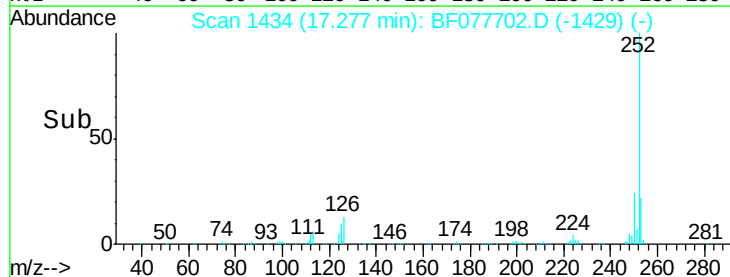
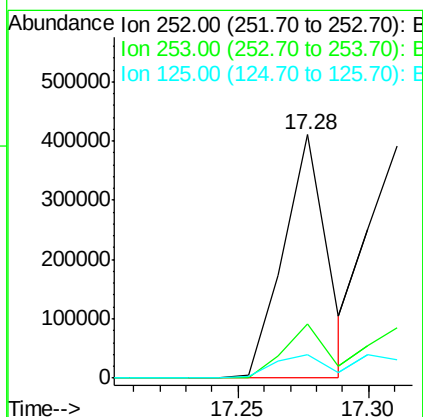
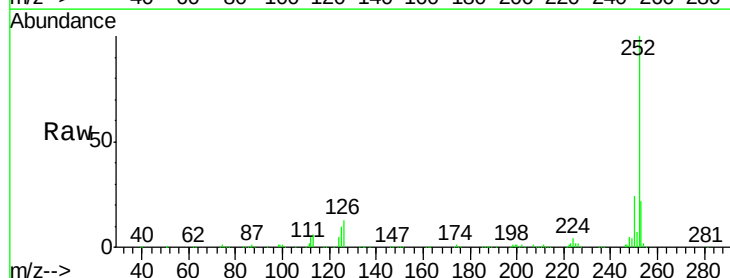
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

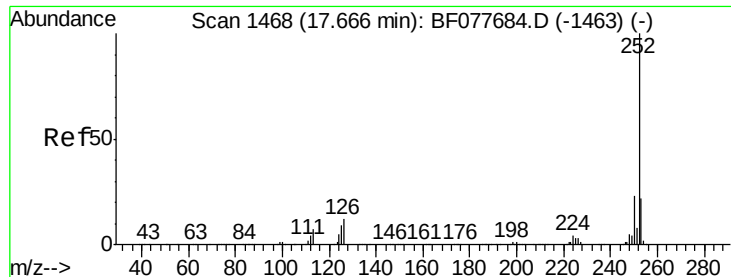
Tgt Ion:252 Resp: 476748  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.0 27.0  
125 9.9 9.9 14.9#



#88  
Benzo(k)fluoranthene  
Concen: 45.07 ng  
RT: 17.28 min Scan# 1434  
Delta R.T. -0.05 min  
Lab File: BF077702.D  
Acq: 11 Mar 2015 22:53

Tgt Ion:252 Resp: 476748  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.2 25.8  
125 9.9 8.1 12.1





#89

Benzo(a)pyrene

Concen: 40.66 ng

RT: 17.64 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

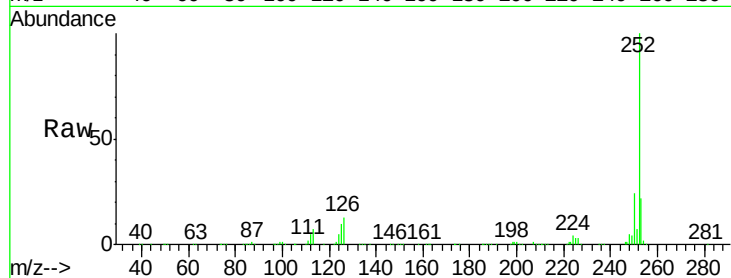
Tgt Ion:252 Resp: 459400

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

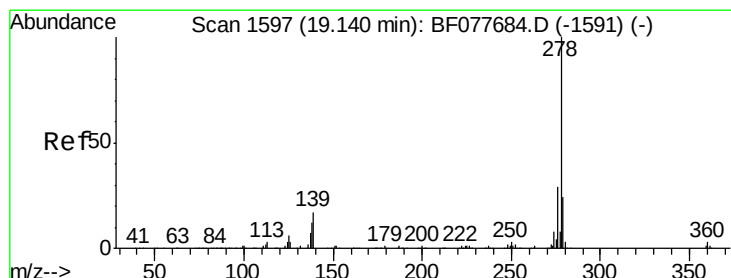
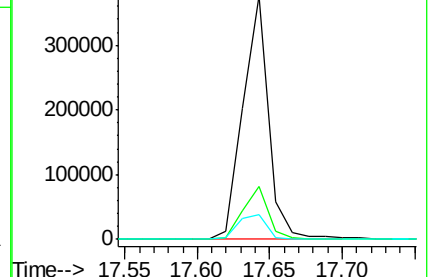
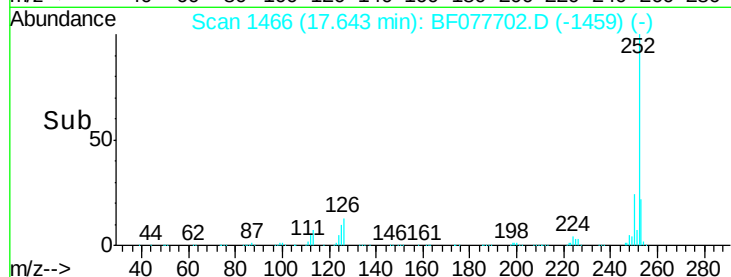
125 9.9 7.4 11.2



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: 40.18 ng

RT: 19.12 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

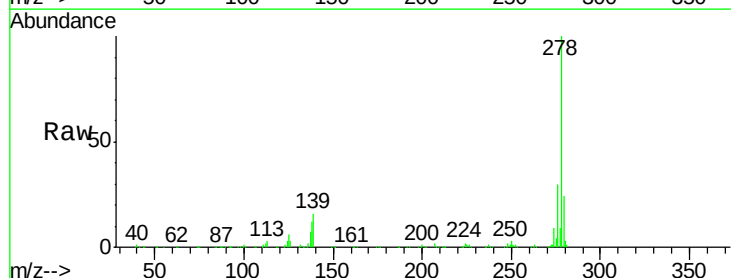
Tgt Ion:278 Resp: 450292

Ion Ratio Lower Upper

278 100

139 15.8 13.4 20.0

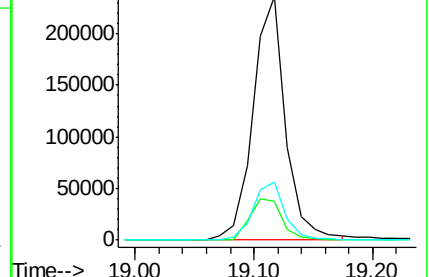
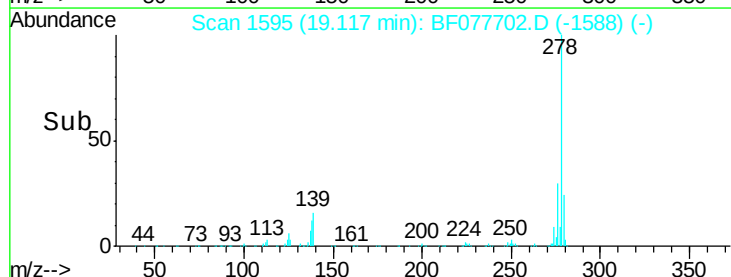
279 23.9 19.0 28.4



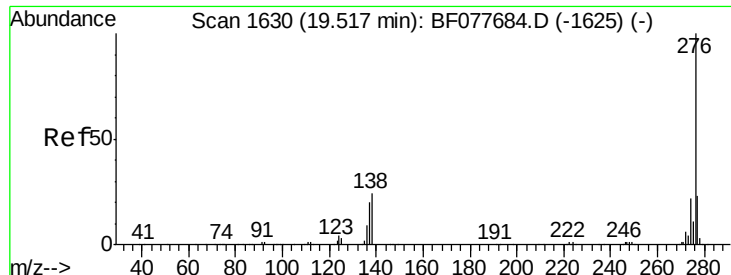
Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.92 ng

RT: 19.49 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BF077702.D

Acq: 11 Mar 2015 22:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

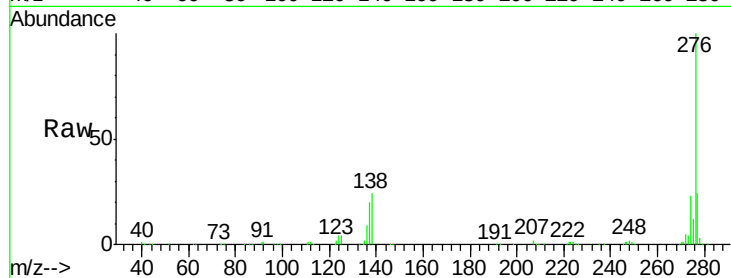
Tgt Ion: 276 Resp: 455399

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 24.4 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

