

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032015\  
 Data File : BF077890.D  
 Acq On : 21 Mar 2015 5:00  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc : W  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Mar 21 05:47:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 21 04:23:04 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.13  | 152  | 36944    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.70  | 136  | 151565   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.88 | 164  | 74794    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.71 | 188  | 149588   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.99 | 240  | 165093   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.71 | 264  | 161552   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.41  | 112 | 169509 | 80.09 | ng | 0.00 |
| 7) Phenol-d6             | 6.70  | 99  | 214218 | 81.92 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.82  | 82  | 193208 | 83.56 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.85 | 330 | 53894  | 75.31 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 10.05 | 172 | 407305 | 80.03 | ng | 0.00 |
| 78) Terphenyl-d14        | 14.71 | 244 | 491426 | 72.71 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.00 | 88  | 37739  | 39.27 | ng | # 100  |
| 3) Pyridine                    | 2.68 | 79  | 93874  | 36.36 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 2.61 | 42  | 40895  | 36.38 | ng | 96     |
| 6) Aniline                     | 6.72 | 93  | 149563 | 39.99 | ng | # 69   |
| 8) 2-Chlorophenol              | 6.86 | 128 | 98018  | 38.91 | ng | 90     |
| 9) Benzaldehyde                | 6.57 | 77  | 45529  | 42.50 | ng | 96     |
| 10) Phenol                     | 6.72 | 94  | 118941 | 38.48 | ng | # 66   |
| 11) bis(2-Chloroethyl)ether    | 6.82 | 93  | 90584  | 39.12 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 7.05 | 146 | 111467 | 39.78 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.15 | 146 | 114676 | 39.39 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.33 | 146 | 106437 | 39.88 | ng | 99     |
| 15) Benzyl Alcohol             | 7.31 | 79  | 78168  | 38.29 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.49 | 45  | 124320 | 39.84 | ng | 98     |
| 17) 2-Methylphenol             | 7.47 | 107 | 81759  | 39.86 | ng | 97     |
| 18) Hexachloroethane           | 7.74 | 117 | 38190  | 39.99 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.65 | 70  | 68726  | 37.99 | ng | # 90   |
| 20) 3+4-Methylphenols          | 7.66 | 107 | 104812 | 38.95 | ng | 99     |
| 22) Acetophenone               | 7.64 | 105 | 132564 | 39.51 | ng | # 92   |
| 24) Nitrobenzene               | 7.85 | 77  | 104452 | 41.93 | ng | # 86   |
| 25) Isophorone                 | 8.14 | 82  | 187807 | 40.22 | ng | 95     |
| 26) 2-Nitrophenol              | 8.24 | 139 | 49380  | 40.49 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 8.32 | 122 | 84332  | 37.96 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.43 | 93  | 115058 | 40.60 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.54 | 162 | 79701  | 37.64 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.64 | 180 | 93331  | 39.39 | ng | 99     |
| 31) Naphthalene                | 8.73 | 128 | 305344 | 39.23 | ng | 100    |
| 32) Benzoic acid               | 8.43 | 122 | 51212  | 41.75 | ng | 89     |
| 33) 4-Chloroaniline            | 8.81 | 127 | 122242 | 38.69 | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.89 | 225 | 53762  | 40.03 | ng | 98     |
| 35) Caprolactam                | 9.24 | 113 | 24580  | 39.71 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 9.42 | 107 | 88192  | 41.39 | ng | 88     |
| 37) 2-Methylnaphthalene        | 9.58 | 142 | 202453 | 38.71 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.79 | 216 | 85424  | 38.29 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 9.78 | 237 | 37088  | 35.06 | ng | 100    |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032015\  
 Data File : BF077890.D  
 Acq On : 21 Mar 2015 5:00  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc : W  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Mar 21 05:47:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 21 04:23:04 2015  
 Response via : Initial Calibration

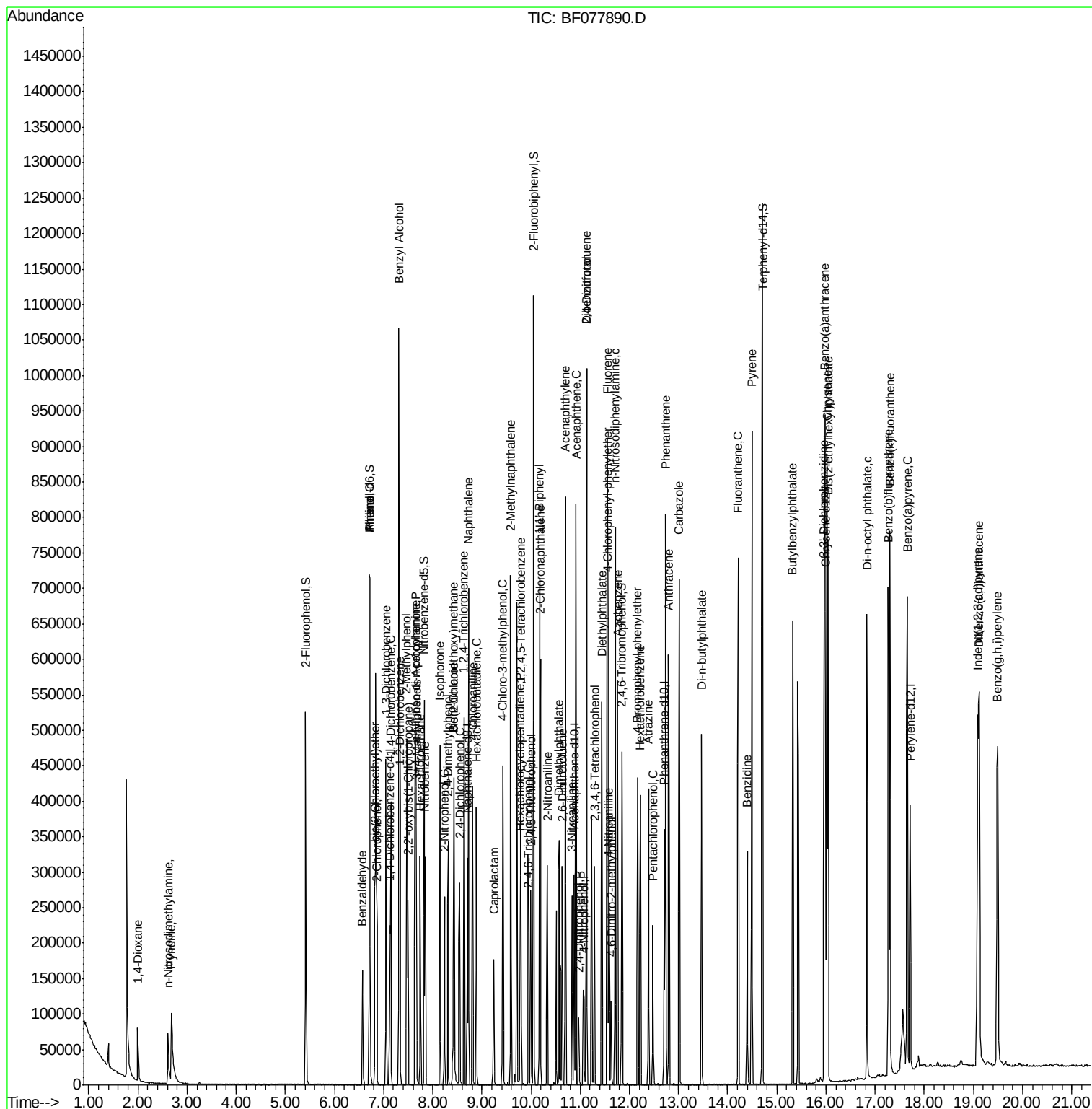
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.95  | 196  | 59276    | 38.36 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 10.00 | 196  | 66383    | 39.76 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 10.17 | 154  | 233719   | 39.09 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 10.19 | 162  | 199806   | 41.12 | ng    | 96       |
| 47) 2-Nitroaniline             | 10.33 | 65   | 51101    | 42.35 | ng    | 94       |
| 48) Acenaphthylene             | 10.69 | 152  | 315549   | 39.05 | ng    | 100      |
| 49) Dimethylphthalate          | 10.57 | 163  | 218923   | 39.46 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 10.64 | 165  | 50673    | 44.07 | ng    | # 80     |
| 51) Acenaphthene               | 10.91 | 154  | 179592   | 38.77 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.83 | 138  | 52556    | 39.35 | ng    | # 73     |
| 53) 2,4-Dinitrophenol          | 10.97 | 184  | 13236    | 36.23 | ng    | 90       |
| 54) Dibenzofuran               | 11.13 | 168  | 272115   | 39.60 | ng    | 96       |
| 55) 4-Nitrophenol              | 11.07 | 139  | 36674    | 37.07 | ng    | 98       |
| 56) 2,4-Dinitrotoluene         | 11.13 | 165  | 63852    | 42.58 | ng    | 86       |
| 57) Fluorene                   | 11.55 | 166  | 226527   | 39.71 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.29 | 232  | 52100    | 40.53 | ng    | # 100    |
| 59) Diethylphthalate           | 11.44 | 149  | 210769   | 38.99 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 11.56 | 204  | 99469    | 38.20 | ng    | 94       |
| 61) 4-Nitroaniline             | 11.58 | 138  | 53234    | 40.00 | ng    | 74       |
| 62) Azobenzene                 | 11.76 | 77   | 213794   | 41.39 | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 11.63 | 198  | 25660    | 37.38 | ng    | # 73     |
| 65) n-Nitrosodiphenylamine     | 11.71 | 169  | 190481   | 38.24 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 12.17 | 248  | 60473    | 37.88 | ng    | # 94     |
| 67) Hexachlorobenzene          | 12.23 | 284  | 66620    | 37.98 | ng    | 99       |
| 68) Atrazine                   | 12.39 | 200  | 52115    | 37.34 | ng    | 94       |
| 69) Pentachlorophenol          | 12.48 | 266  | 29435    | 33.89 | ng    | 97       |
| 70) Phenanthrene               | 12.74 | 178  | 342909   | 39.93 | ng    | 100      |
| 71) Anthracene                 | 12.80 | 178  | 336404   | 39.65 | ng    | 100      |
| 72) Carbazole                  | 13.01 | 167  | 323756   | 40.12 | ng    | 99       |
| 73) Di-n-butylphthalate        | 13.47 | 149  | 358510   | 39.62 | ng    | 99       |
| 74) Fluoranthene               | 14.21 | 202  | 386199   | 40.77 | ng    | 99       |
| 76) Benzidine                  | 14.40 | 184  | 137781   | 33.66 | ng    | 98       |
| 77) Pyrene                     | 14.49 | 202  | 398315   | 38.37 | ng    | 99       |
| 79) Butylbenzylphthalate       | 15.32 | 149  | 163366   | 39.91 | ng    | 92       |
| 80) Benzo(a)anthracene         | 15.97 | 228  | 373977   | 38.21 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.96 | 252  | 130656   | 40.47 | ng    | 99       |
| 82) Chrysene                   | 16.02 | 228  | 350037   | 39.78 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 16.04 | 149  | 244947   | 39.51 | ng    | # 94     |
| 84) Di-n-octyl phthalate       | 16.83 | 149  | 418680   | 39.49 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.08 | 276  | 448947   | 40.88 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 17.27 | 252  | 402099   | 38.13 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 17.30 | 252  | 354359   | 43.02 | ng    | # 97     |
| 89) Benzo(a)pyrene             | 17.65 | 252  | 368423   | 41.87 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 19.12 | 278  | 365527   | 41.88 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 19.49 | 276  | 373350   | 42.02 | ng    | 96       |

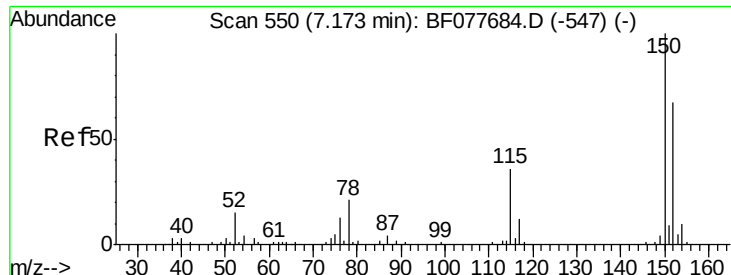
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\  
Data File : BF077890.D  
Acq On    : 21 Mar 2015    5:00  
Operator  : TP/IZ  
Sample    : SSTDCCC040  
Misc      : W  
ALS Vial  : 2    Sample Multiplier: 1
```

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040EC

Quant Time: Mar 21 05:47:19 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 21 04:23:04 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

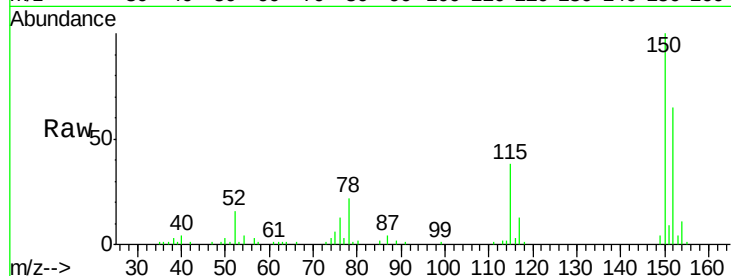
Tgt Ion:152 Resp: 36944

Ion Ratio Lower Upper

152 100

150 155.0 119.5 179.3

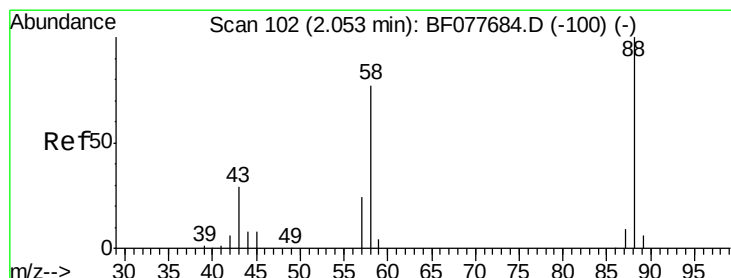
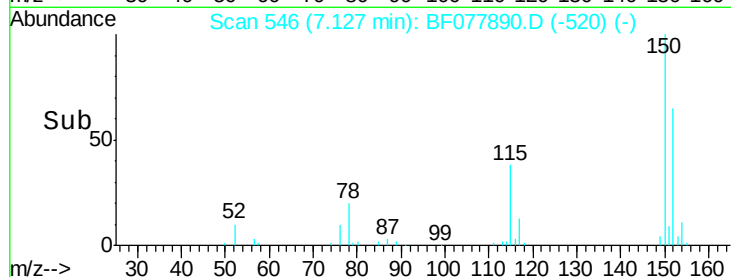
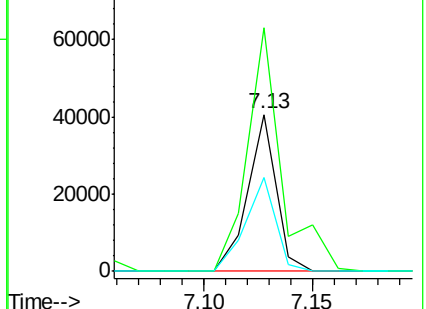
115 59.5 43.0 64.4



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: 39.27 ng

RT: 2.00 min Scan# 97

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

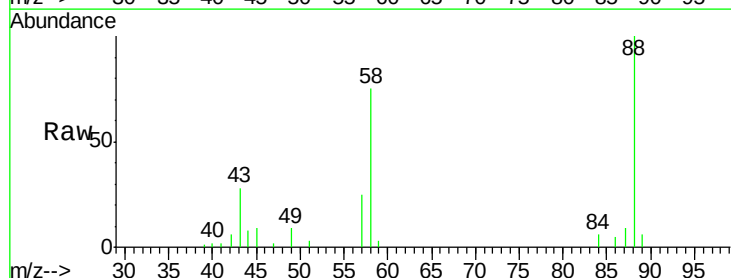
Tgt Ion: 88 Resp: 37739

Ion Ratio Lower Upper

88 100

58 68.3 0.0 0.0#

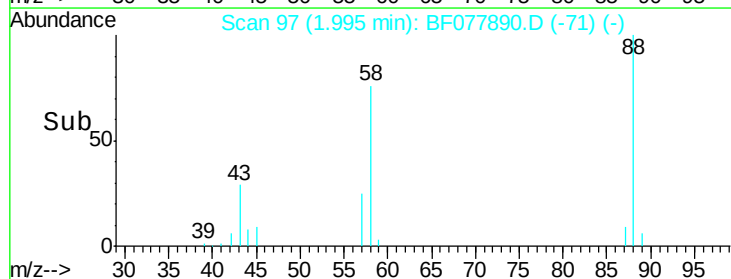
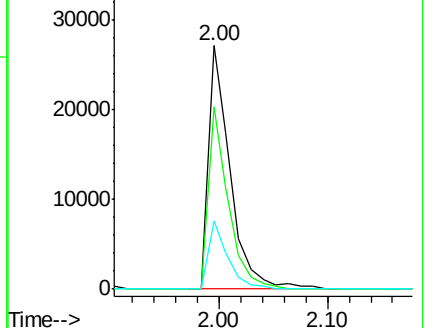
43 25.1 0.0 0.0#

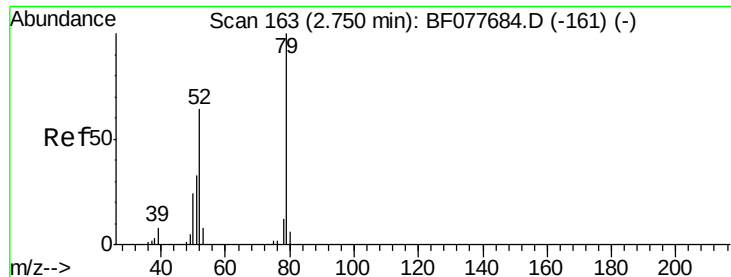


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.36 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

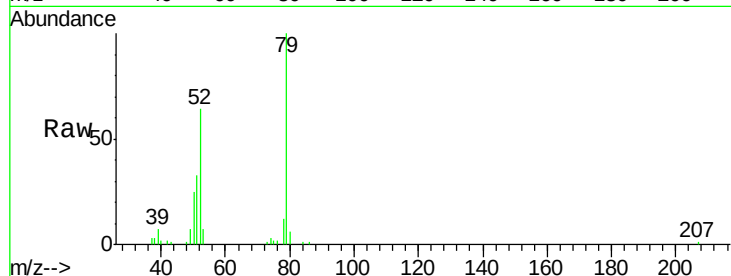
Tgt Ion: 79 Resp: 93874

Ion Ratio Lower Upper

79 100

52 64.0 51.1 76.7

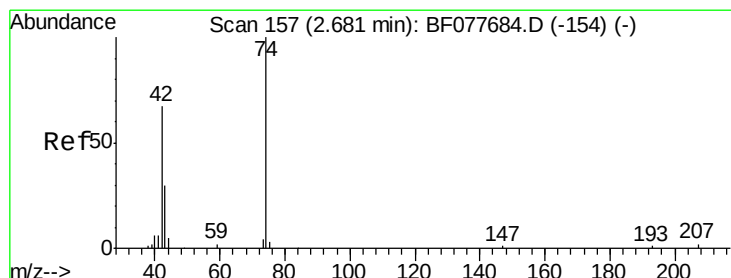
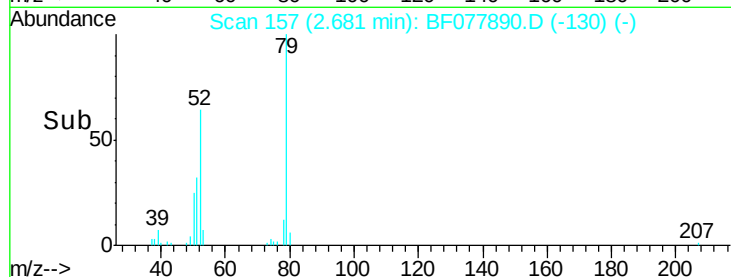
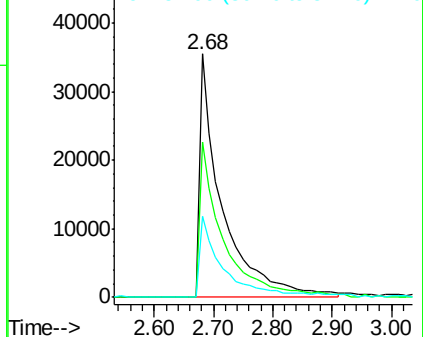
51 33.1 26.1 39.1



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: 36.38 ng

RT: 2.61 min Scan# 151

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

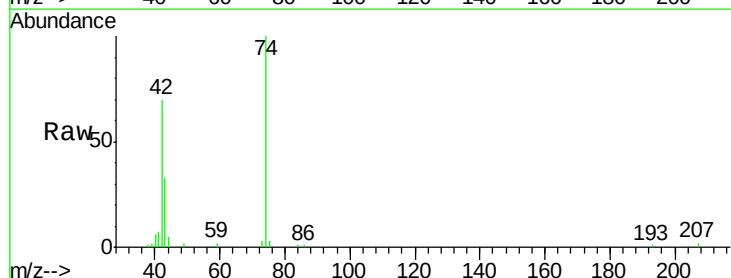
Tgt Ion: 42 Resp: 40895

Ion Ratio Lower Upper

42 100

74 143.6 119.3 178.9

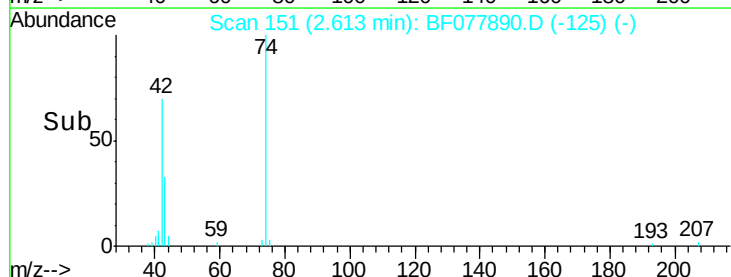
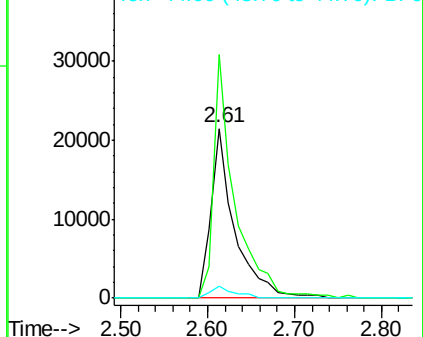
44 6.9 5.4 8.2

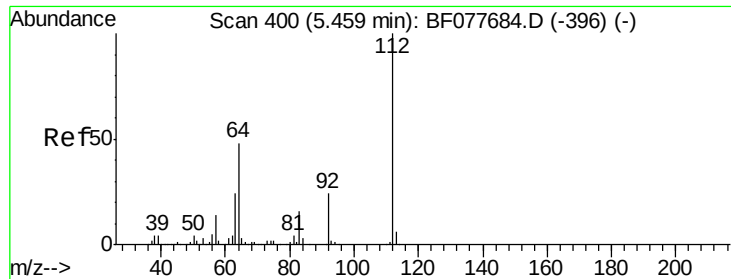


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.09 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

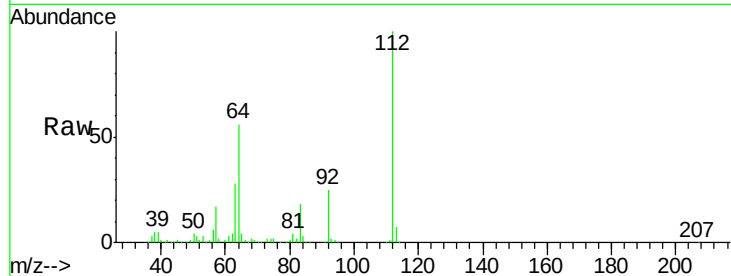
Tgt Ion: 112 Resp: 169509

Ion Ratio Lower Upper

112 100

64 55.5 38.6 57.8

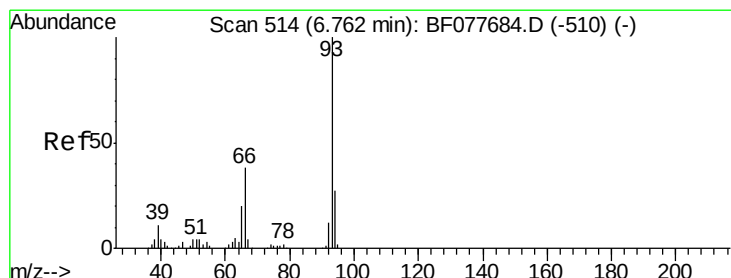
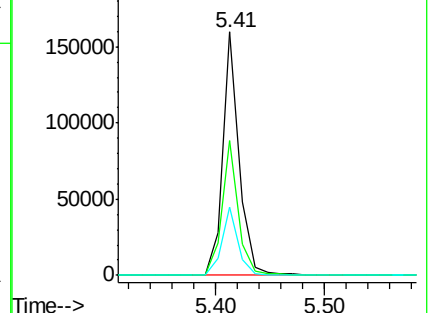
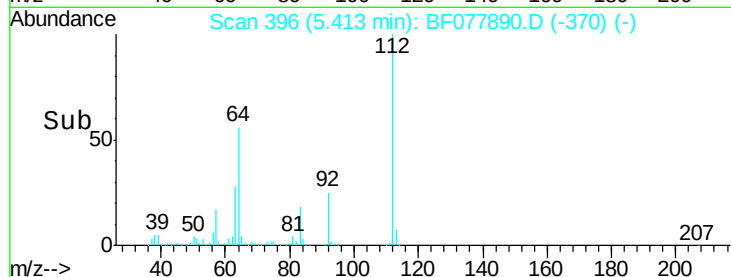
63 27.9 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.99 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

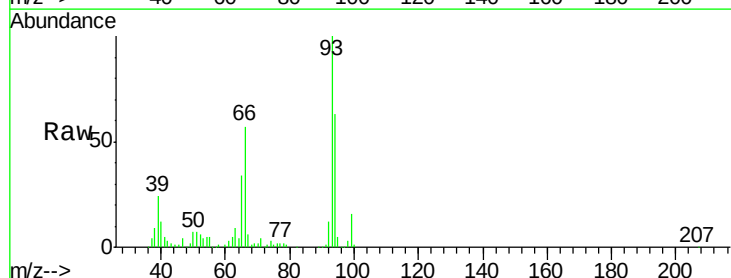
Tgt Ion: 93 Resp: 149563

Ion Ratio Lower Upper

93 100

66 57.1 30.8 46.2#

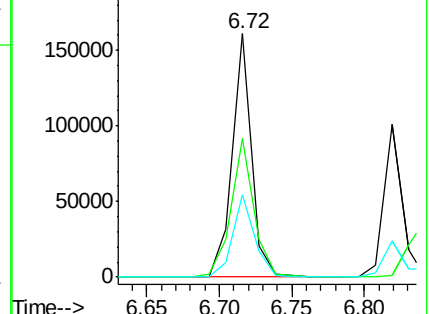
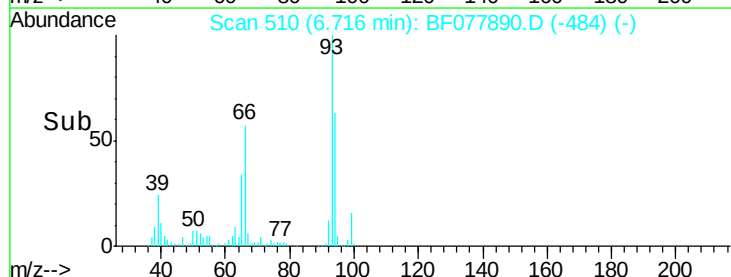
65 34.1 16.0 24.0#

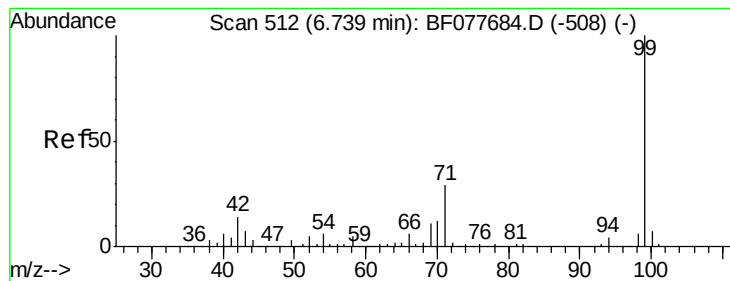


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.92 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

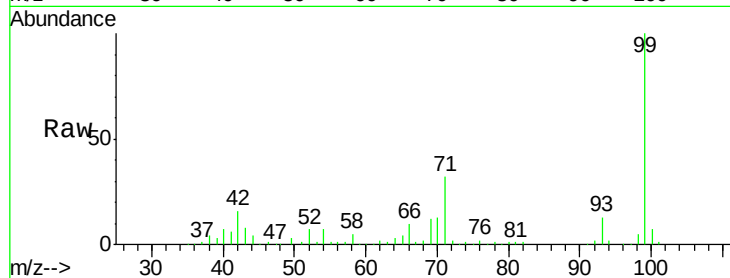
Tgt Ion: 99 Resp: 214218

Ion Ratio Lower Upper

99 100

42 16.1 11.0 16.4

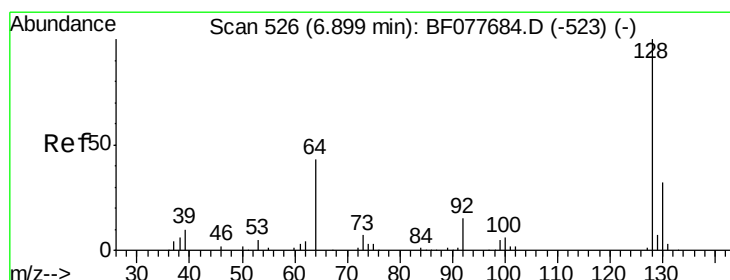
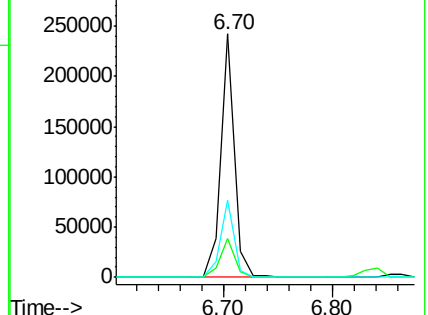
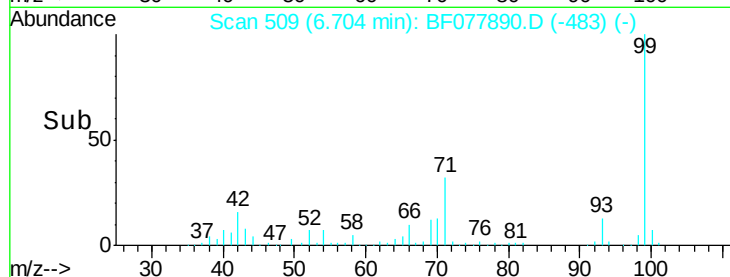
71 31.7 23.4 35.2



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: 38.91 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

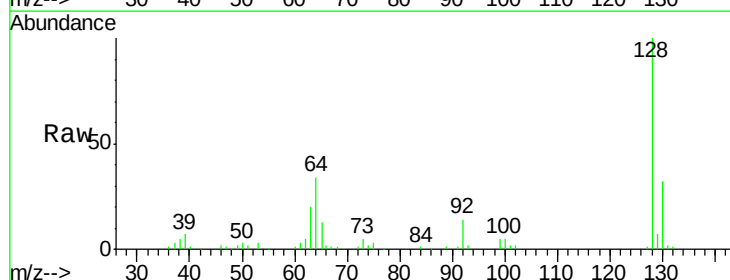
Tgt Ion: 128 Resp: 98018

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

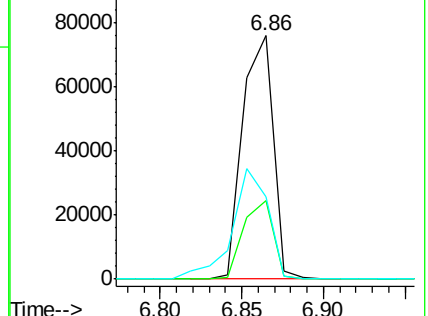
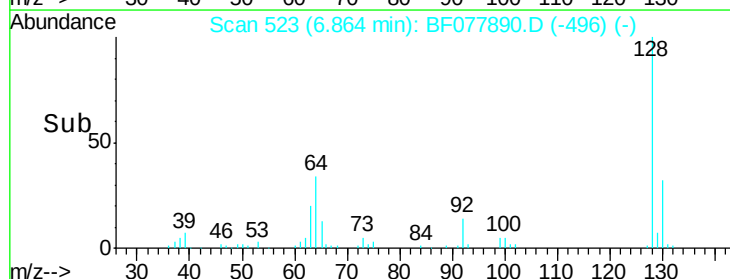
64 33.8 24.9 64.9

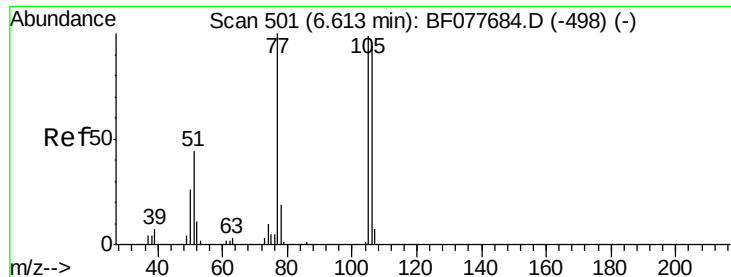


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.50 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

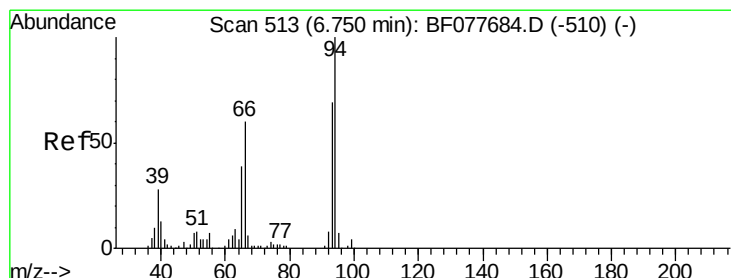
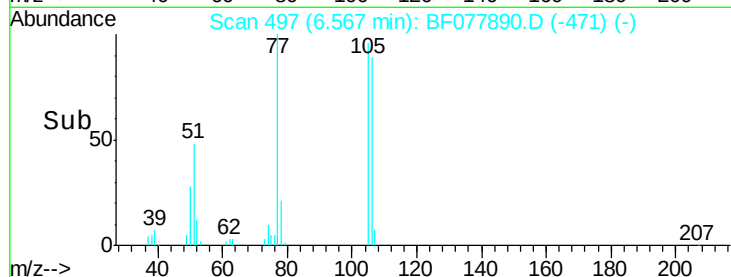
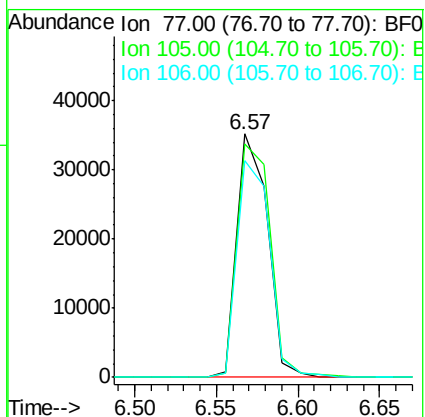
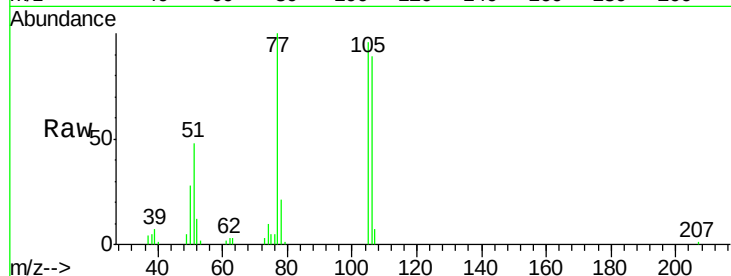
Tgt Ion: 77 Resp: 45529

Ion Ratio Lower Upper

77 100

105 95.8 78.8 118.8

106 88.9 73.7 113.7



#10

Phenol

Concen: 38.48 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

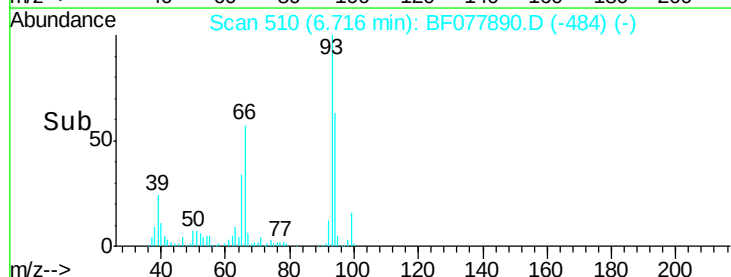
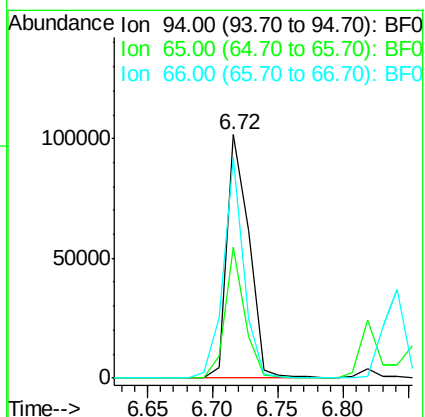
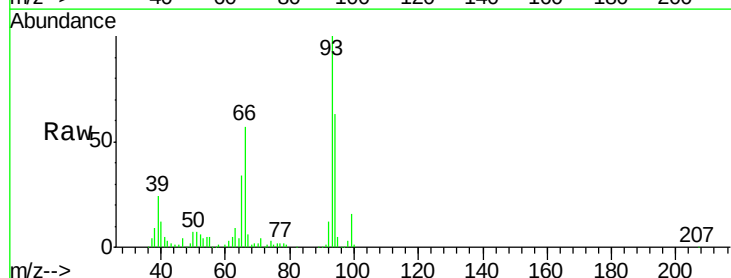
Tgt Ion: 94 Resp: 118941

Ion Ratio Lower Upper

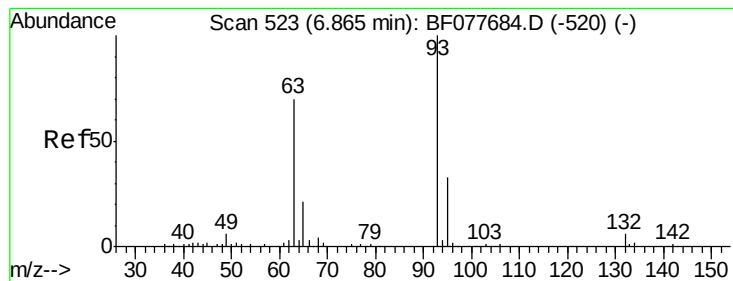
94 100

65 54.0 18.8 58.8

66 90.4 39.9 79.9#



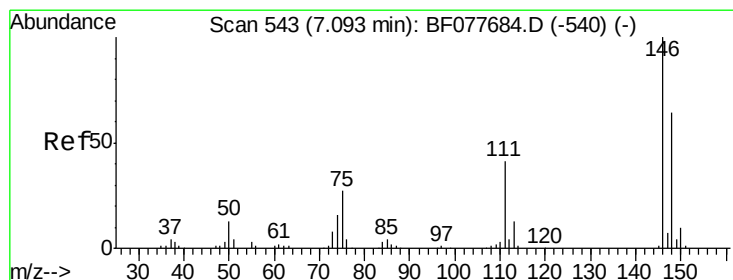
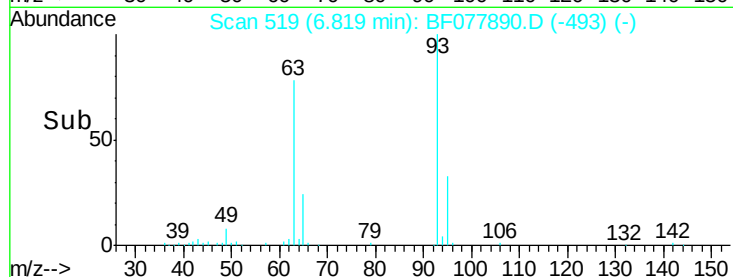
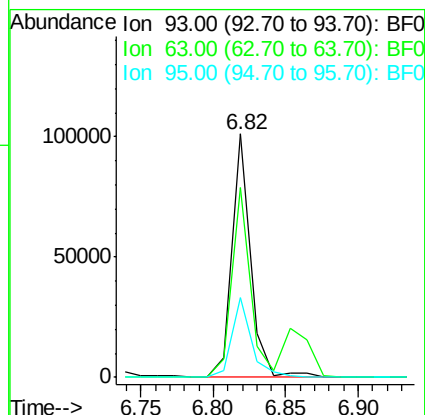
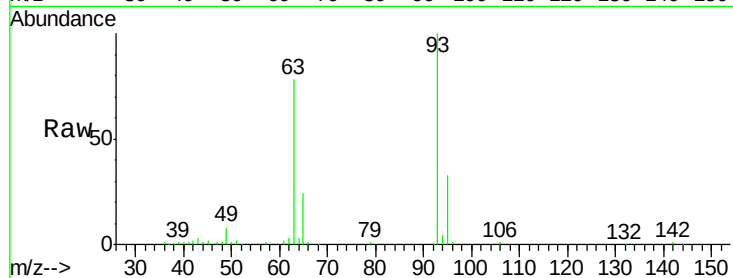




#11  
bis(2-Chloroethyl)ether  
Concen: 39.12 ng  
RT: 6.82 min Scan# 519  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

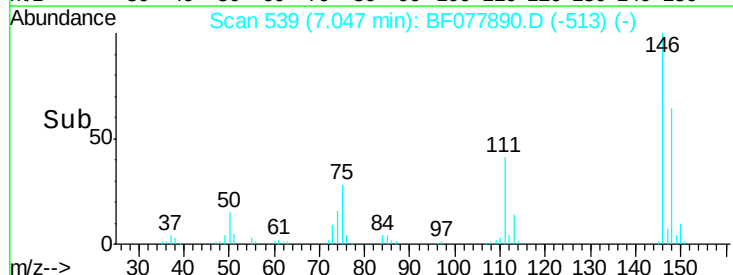
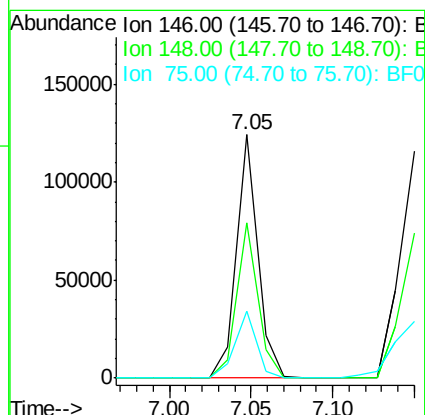
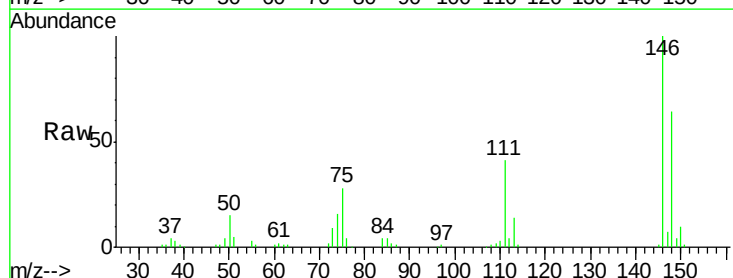
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

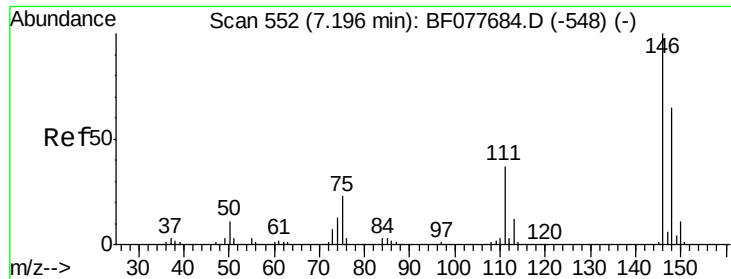
Tgt Ion: 93 Resp: 90584  
Ion Ratio Lower Upper  
93 100  
63 77.9 49.5 89.5  
95 32.6 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 39.78 ng  
RT: 7.05 min Scan# 539  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Tgt Ion: 146 Resp: 111467  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.9 76.3  
75 27.7 21.4 32.2

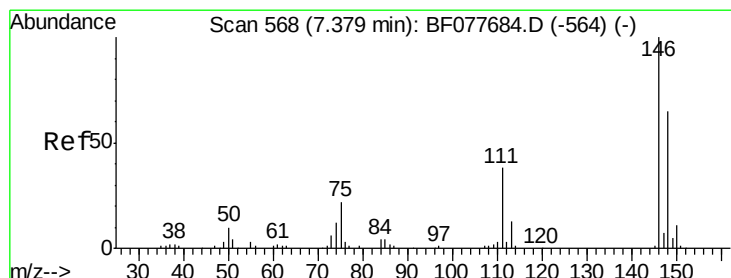
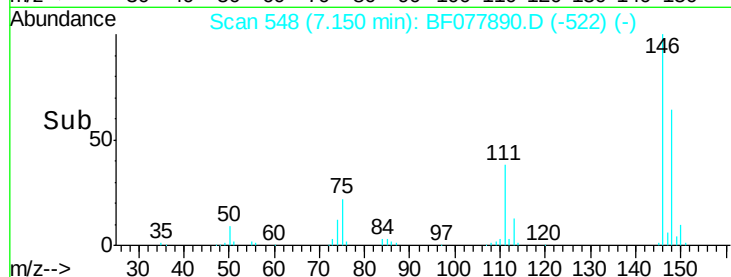
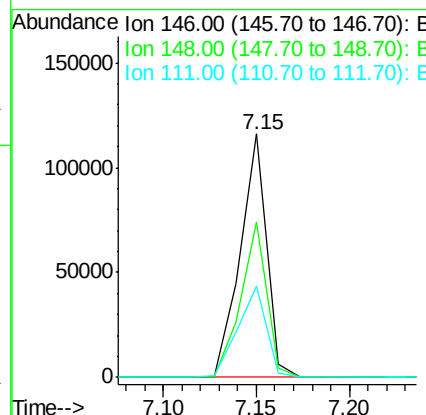
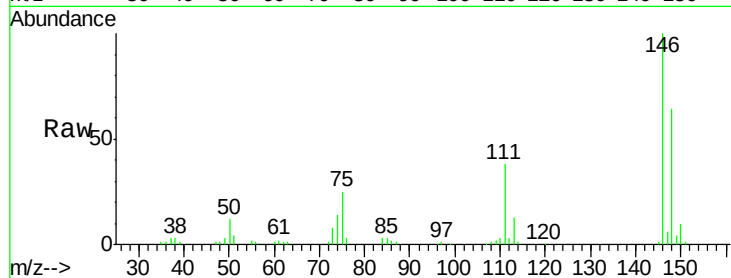




#13  
 1,4-Dichlorobenzene  
 Concen: 39.39 ng  
 RT: 7.15 min Scan# 548  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

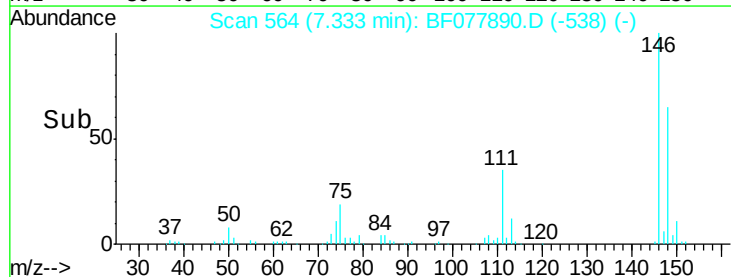
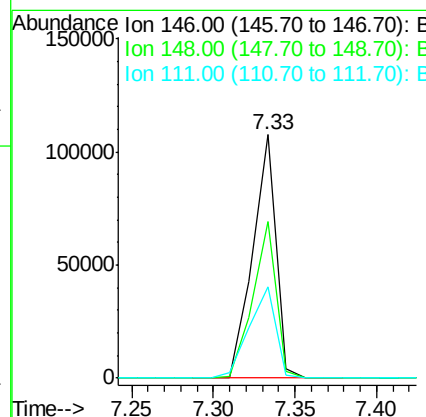
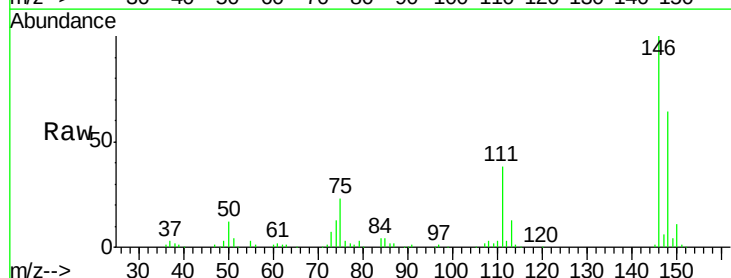
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

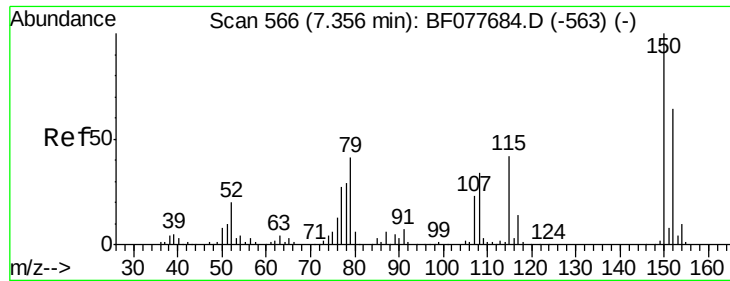
Tgt Ion:146 Resp: 114676  
 Ion Ratio Lower Upper  
 146 100  
 148 63.7 51.9 77.9  
 111 37.7 29.2 43.8



#14  
 1,2-Dichlorobenzene  
 Concen: 39.88 ng  
 RT: 7.33 min Scan# 564  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion:146 Resp: 106437  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 52.3 78.5  
 111 37.6 30.6 45.8

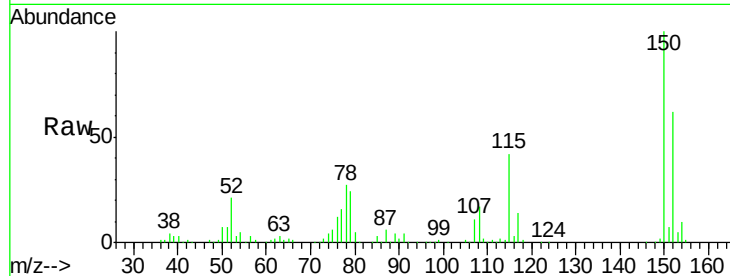




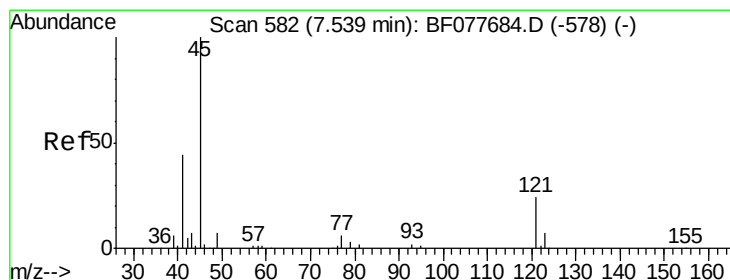
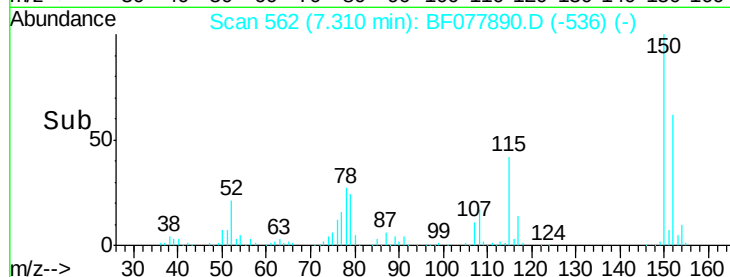
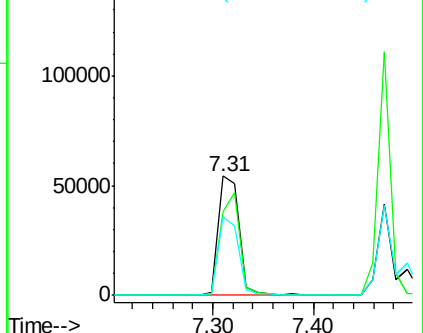
#15  
Benzyl Alcohol  
Concen: 38.29 ng  
RT: 7.31 min Scan# 562  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 79 Resp: 78168  
Ion Ratio Lower Upper  
79 100  
108 70.3 65.0 97.4  
77 65.8 53.0 79.6

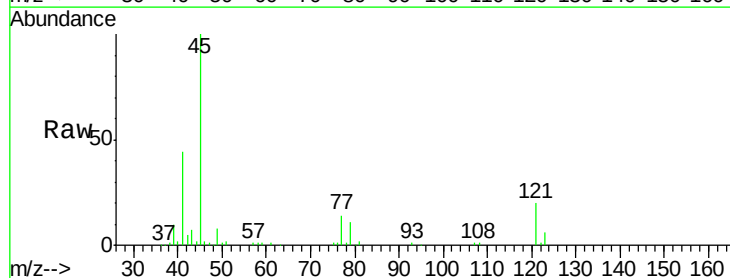


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0

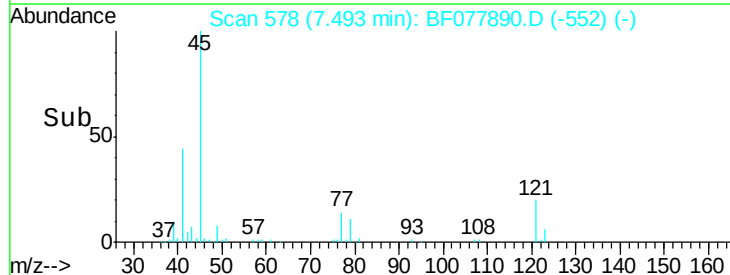
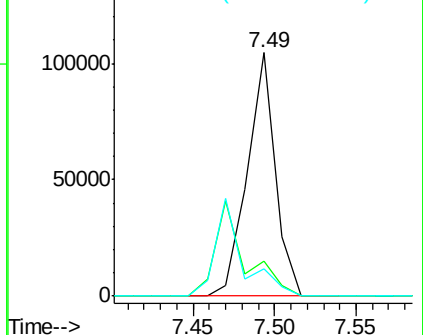


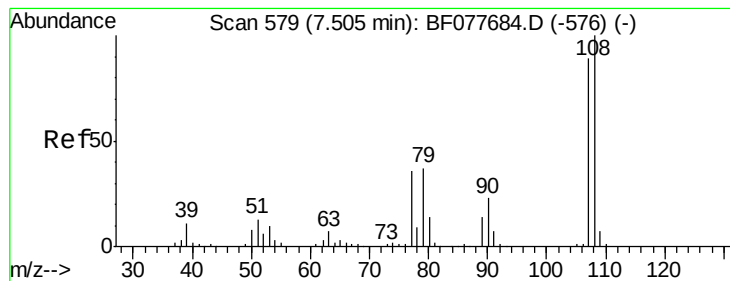
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.84 ng  
RT: 7.49 min Scan# 578  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Tgt Ion: 45 Resp: 124320  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 35.2  
79 11.4 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.86 ng

RT: 7.47 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 81759

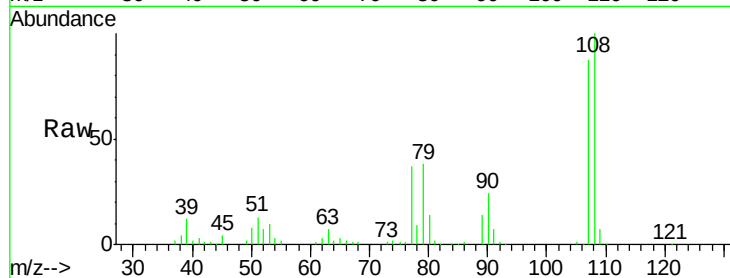
Ion Ratio Lower Upper

107 100

108 115.5 89.8 134.8

77 42.5 32.6 48.8

79 43.6 32.8 49.2

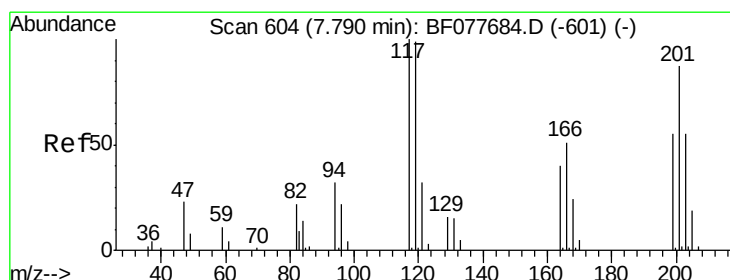
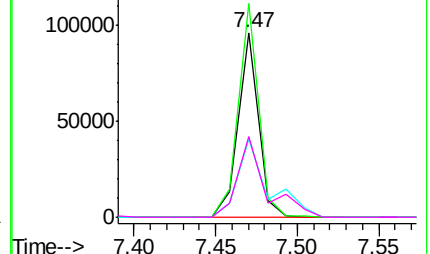
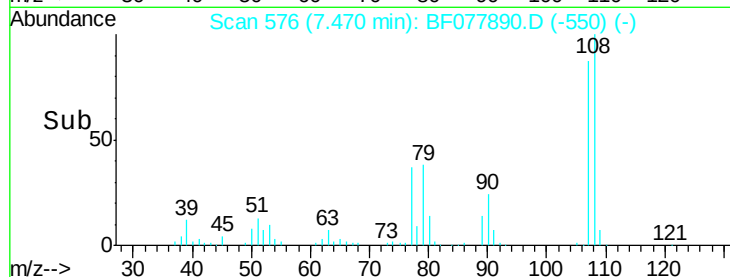


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.99 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

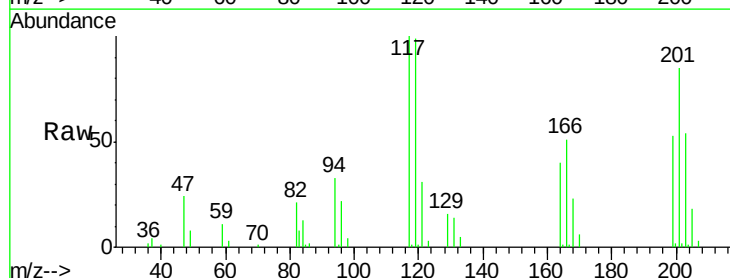
Tgt Ion:117 Resp: 38190

Ion Ratio Lower Upper

117 100

119 98.6 79.2 118.8

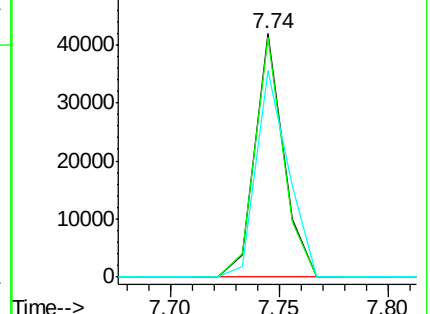
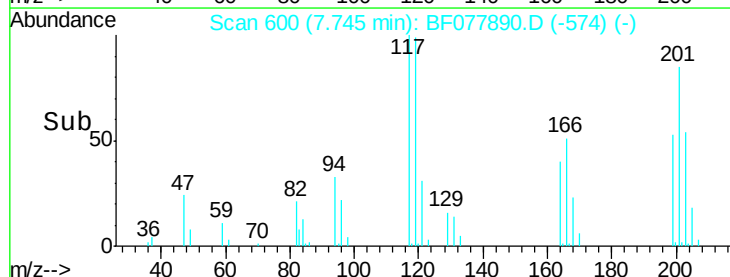
201 85.0 69.8 104.6

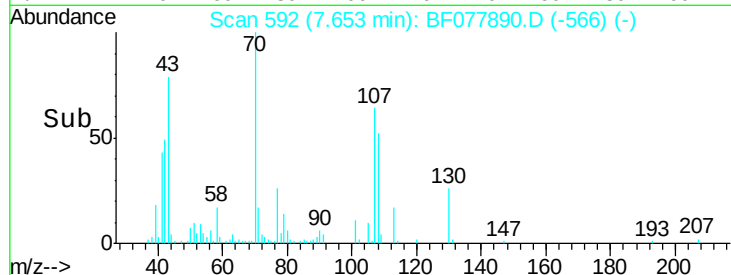
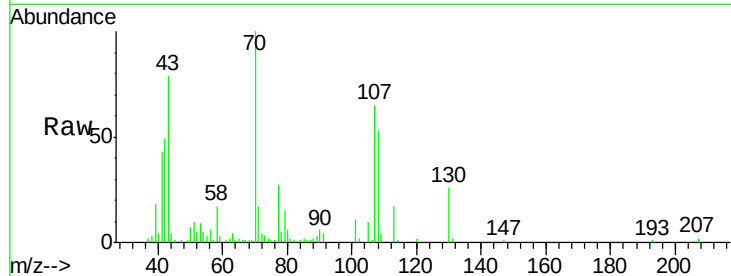
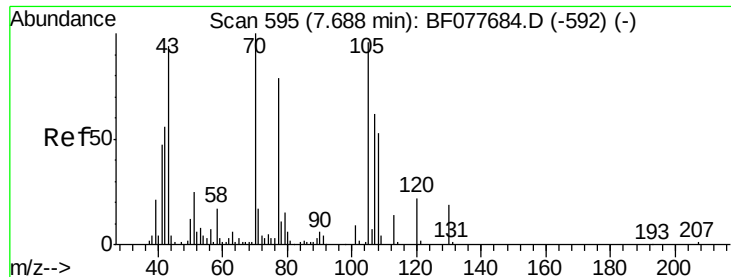


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

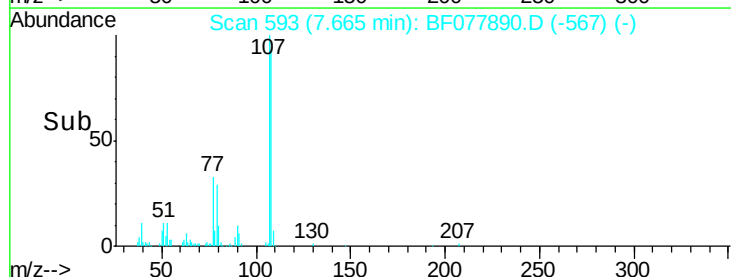
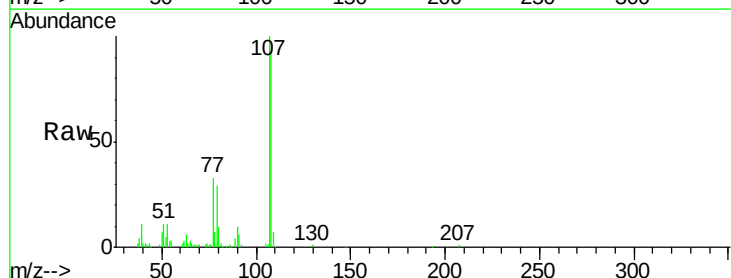
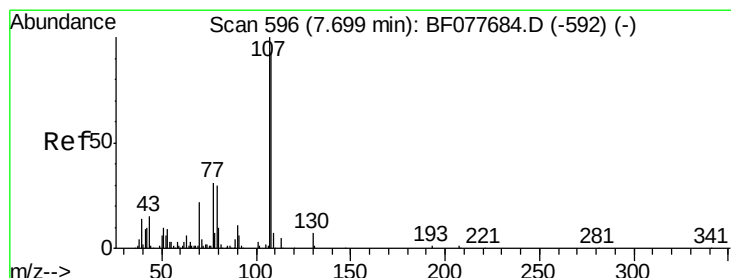
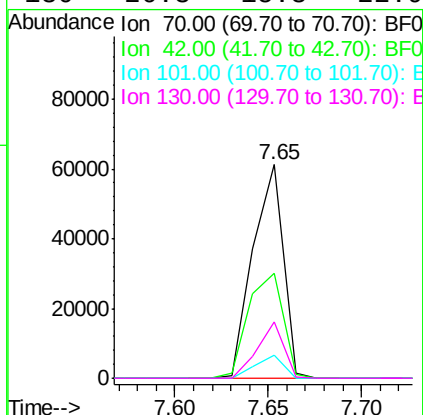




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.99 ng  
RT: 7.65 min Scan# 592  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

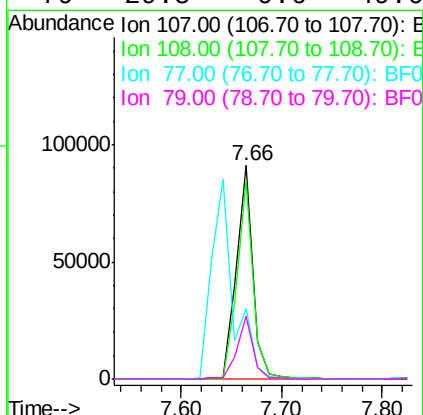
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

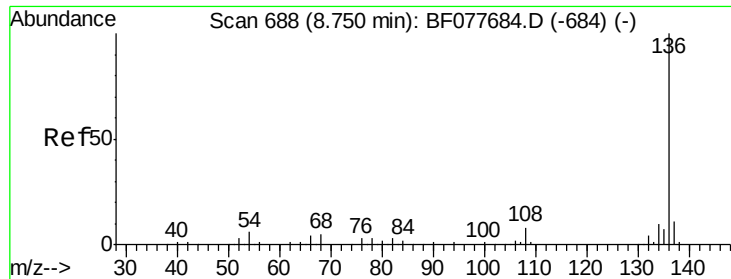
Tgt Ion: 70 Resp: 68726  
Ion Ratio Lower Upper  
70 100  
42 49.1 44.5 66.7  
101 10.6 7.4 11.2  
130 26.3 15.3 22.9#



#20  
3+4-Methylphenols  
Concen: 38.95 ng  
RT: 7.66 min Scan# 593  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Tgt Ion: 107 Resp: 104812  
Ion Ratio Lower Upper  
107 100  
108 92.8 73.2 113.2  
77 32.9 10.7 50.7  
79 29.5 9.6 49.6

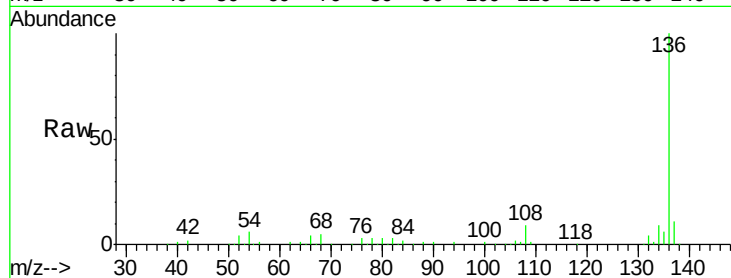




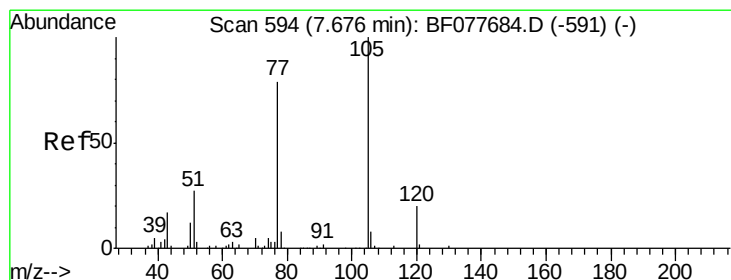
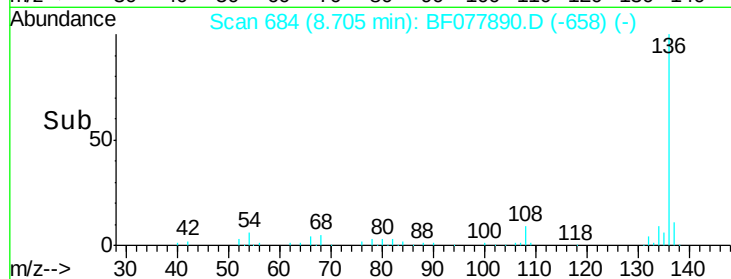
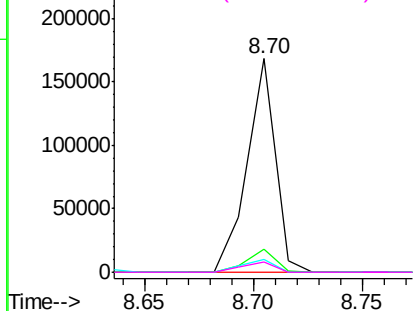
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.70 min Scan# 684  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 151565 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.7   | 13.1   |
| 54       | 6.2   | 4.6   | 6.8    |
| 68       | 4.6   | 3.7   | 5.5    |

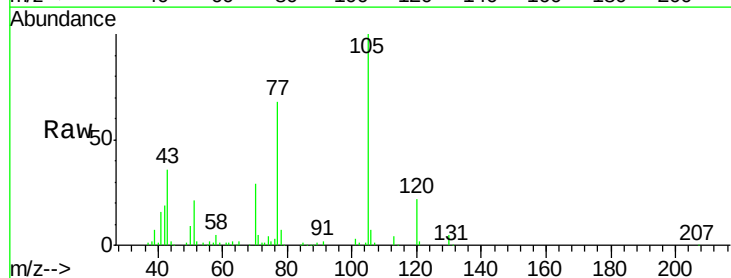


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

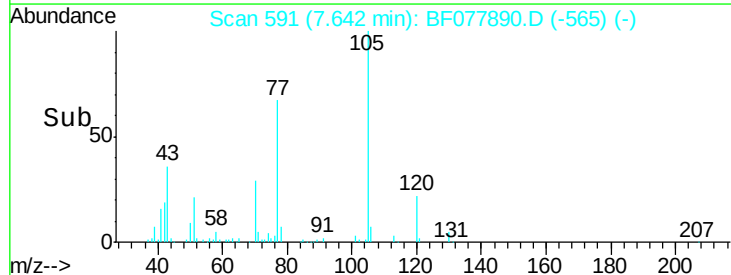
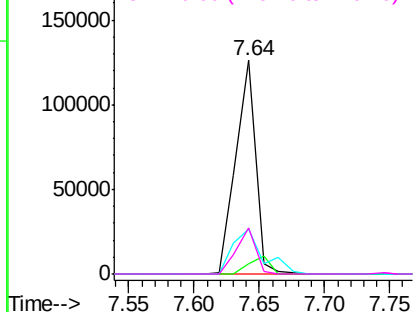


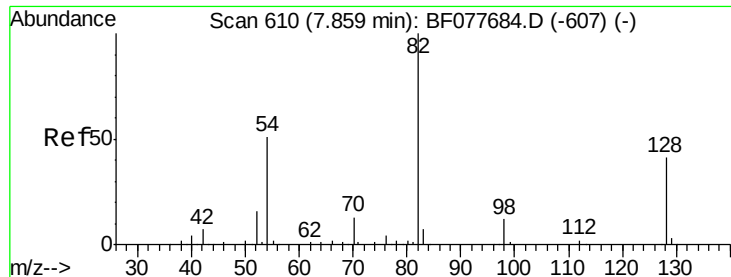
#22  
Acetophenone  
Concen: 39.51 ng  
RT: 7.64 min Scan# 591  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 132564 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 5.0   | 0.6   | 1.0#   |
| 51       | 21.1  | 21.6  | 32.4#  |
| 120      | 21.6  | 16.1  | 24.1   |



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





#23

Nitrobenzene-d5

Concen: 83.56 ng

RT: 7.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

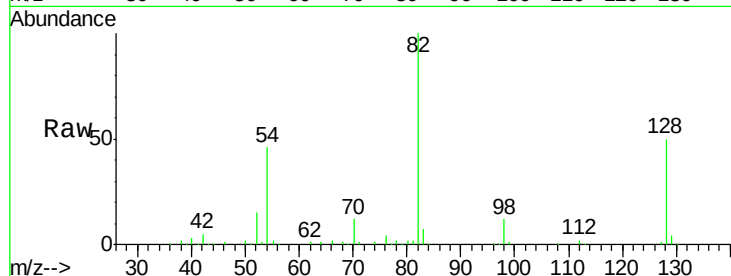
Tgt Ion: 82 Resp: 193208

Ion Ratio Lower Upper

82 100

128 50.3 32.8 49.2#

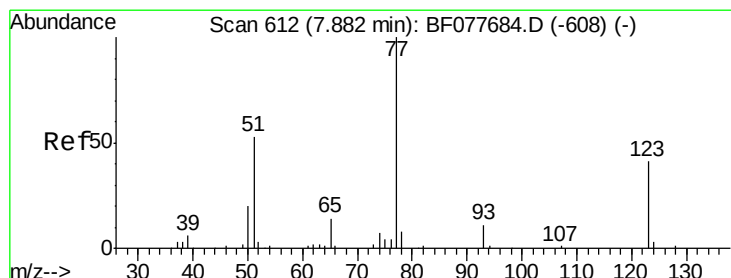
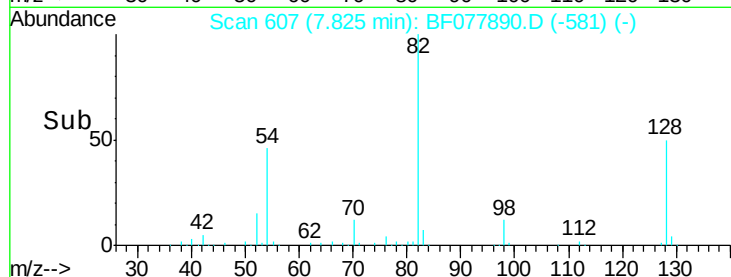
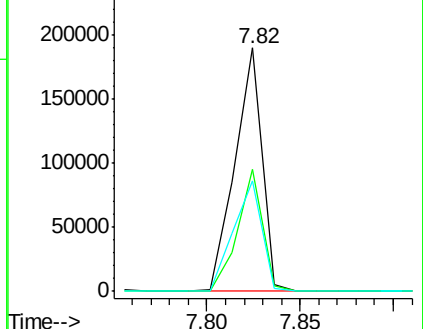
54 45.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.93 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

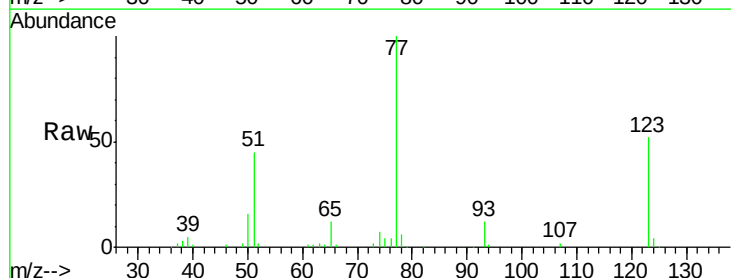
Tgt Ion: 77 Resp: 104452

Ion Ratio Lower Upper

77 100

123 51.6 32.6 49.0#

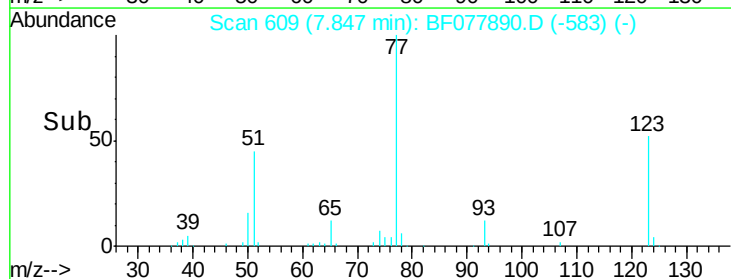
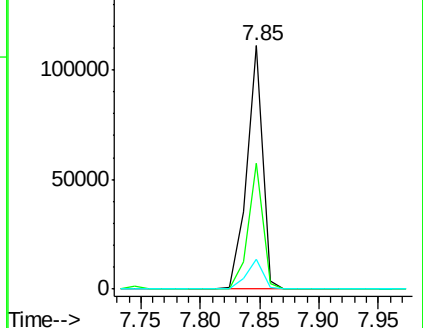
65 12.2 10.9 16.3

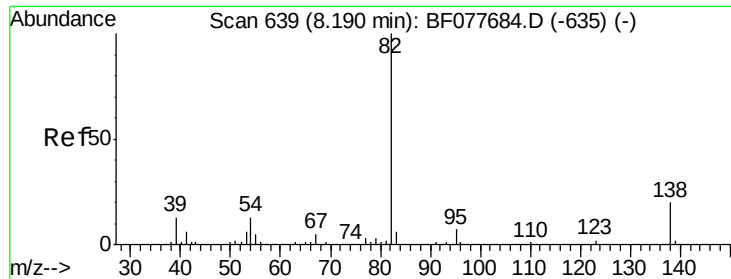


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.22 ng

RT: 8.14 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

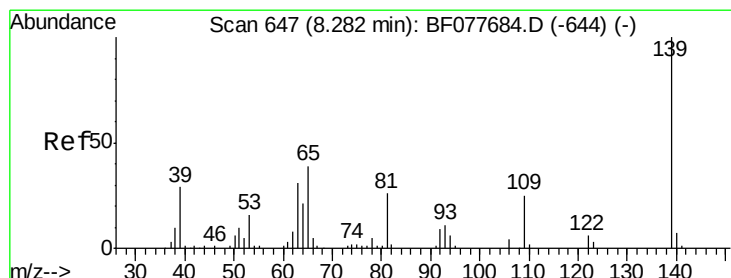
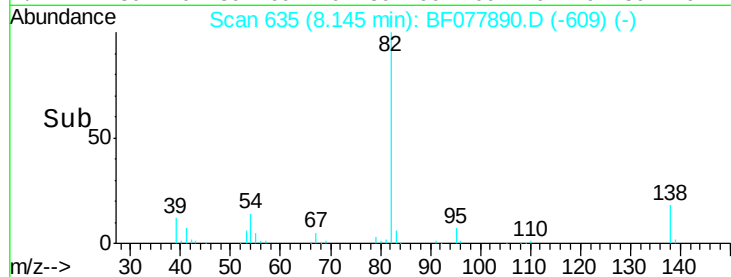
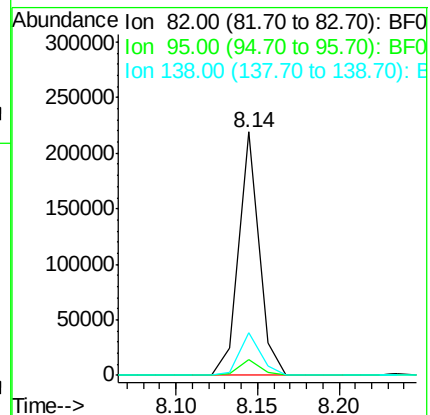
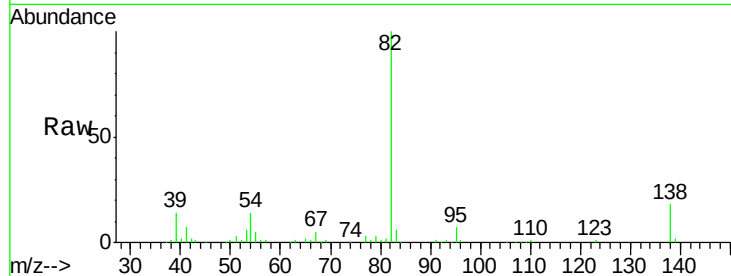
Tgt Ion: 82 Resp: 187807

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 17.5 16.3 24.5



#26

2-Nitrophenol

Concen: 40.49 ng

RT: 8.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

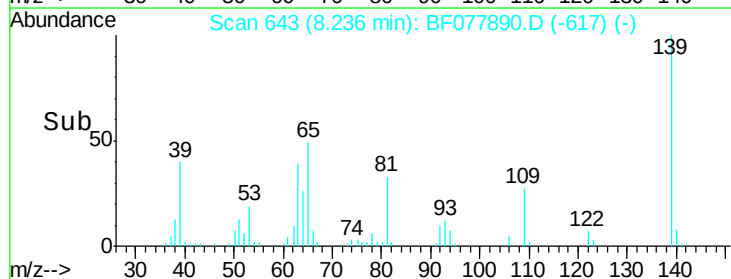
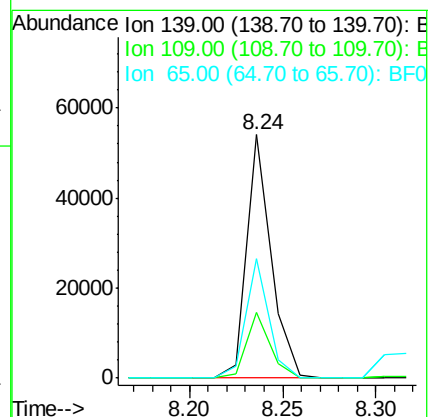
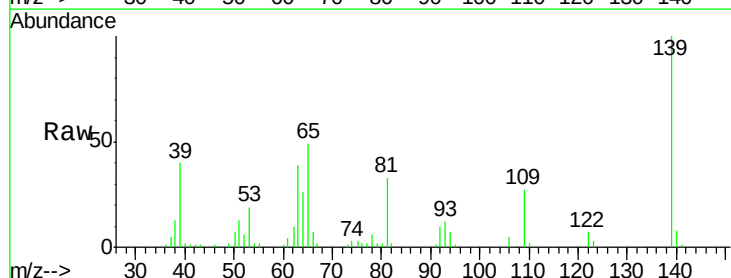
Tgt Ion: 139 Resp: 49380

Ion Ratio Lower Upper

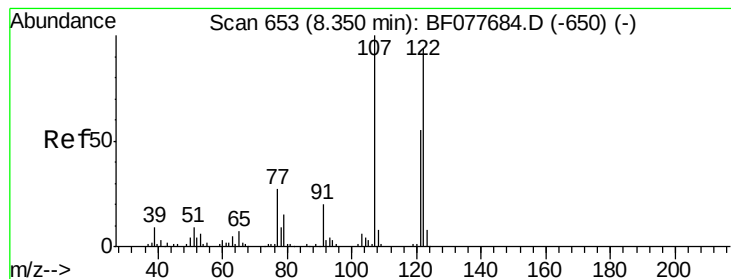
139 100

109 27.0 20.1 30.1

65 48.9 31.5 47.3#







#27

2,4-Dimethylphenol

Concen: 37.96 ng

RT: 8.32 min Scan# 650

Delta R.T. 0.01 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

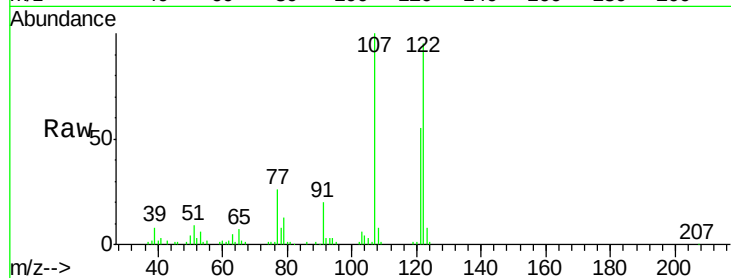
Tgt Ion:122 Resp: 84332

Ion Ratio Lower Upper

122 100

107 104.7 84.7 127.1

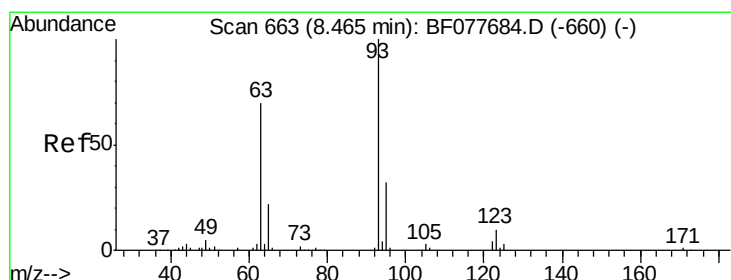
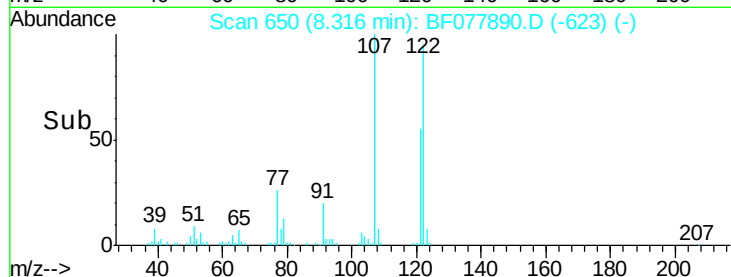
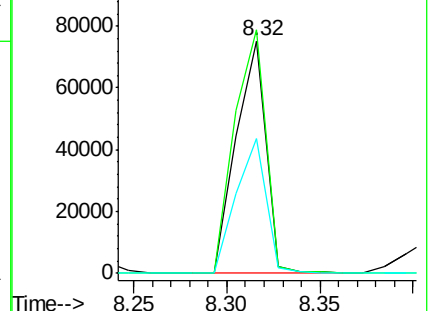
121 58.0 46.6 69.8



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: 40.60 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

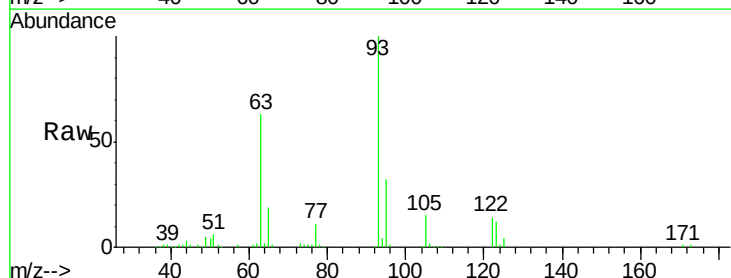
Tgt Ion: 93 Resp: 115058

Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

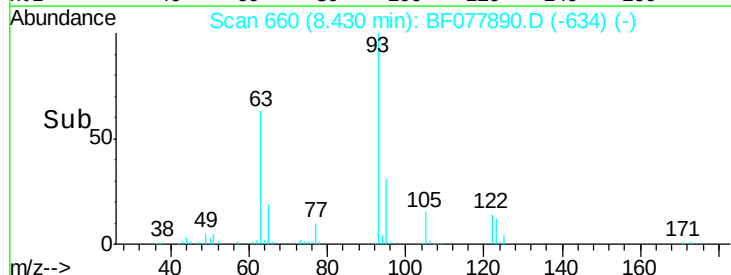
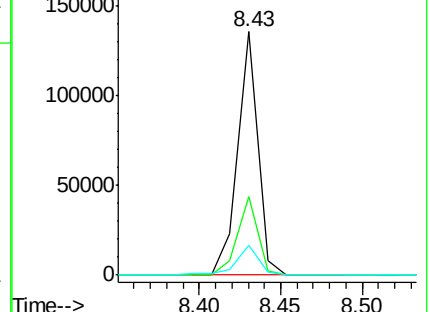
123 12.0 8.6 13.0

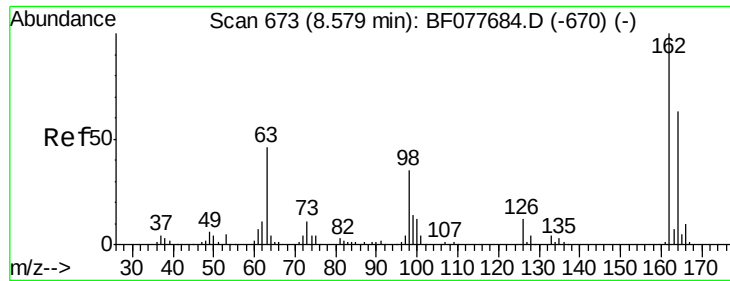


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

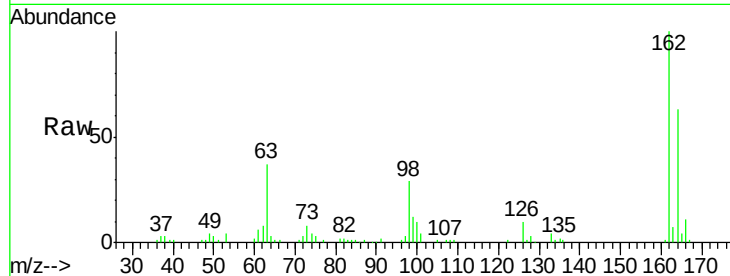




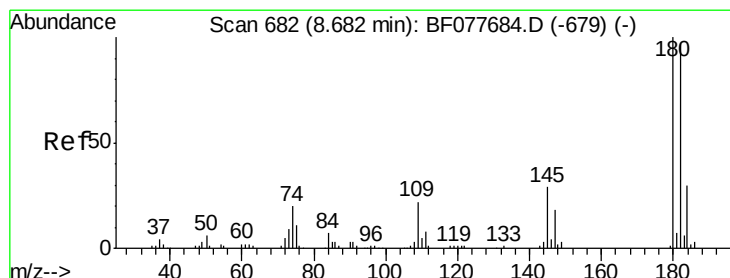
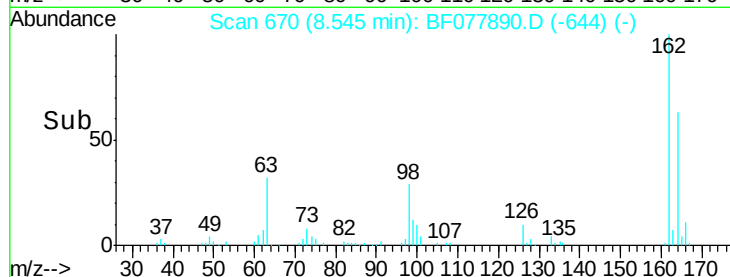
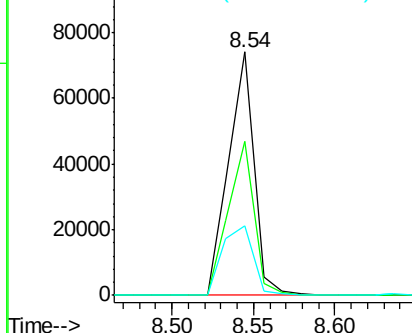
#29  
 2,4-Dichlorophenol  
 Concen: 37.64 ng  
 RT: 8.54 min Scan# 670  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.4  | 42.8  | 82.8  |
| 98      | 28.8  | 14.5  | 54.5  |

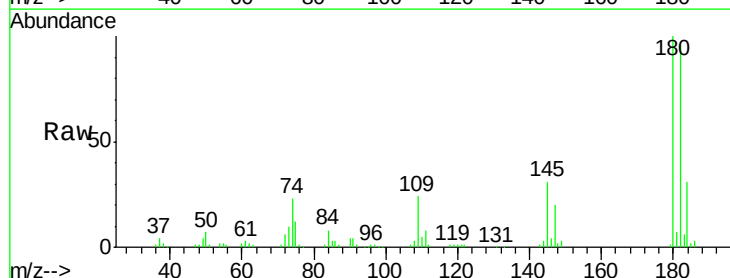


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

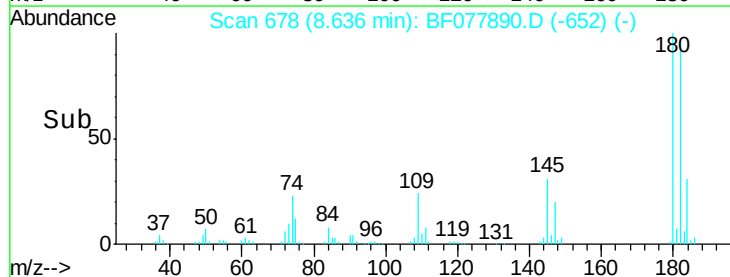
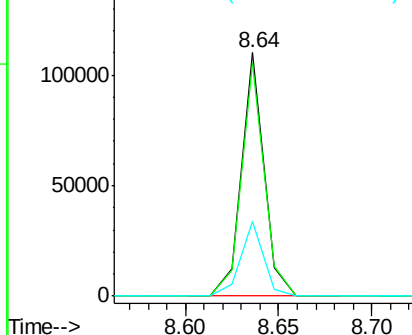


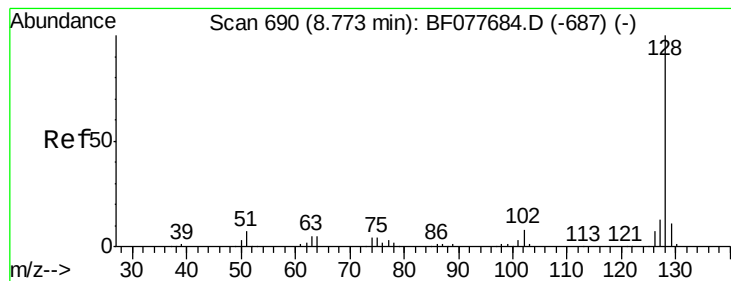
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.39 ng  
 RT: 8.64 min Scan# 678  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 77.6  | 116.4 |
| 145     | 30.7  | 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

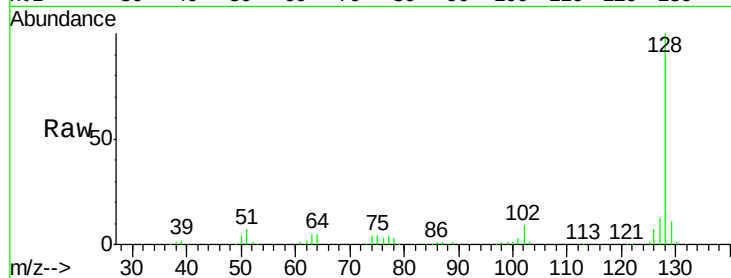




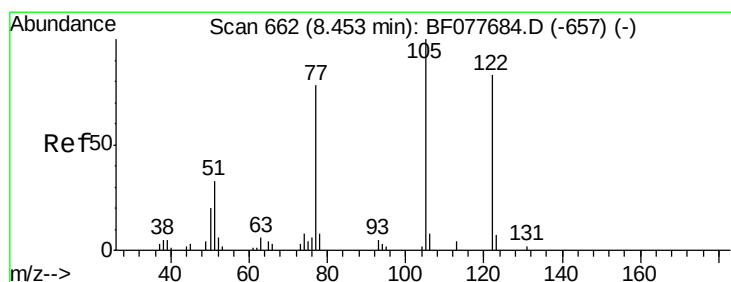
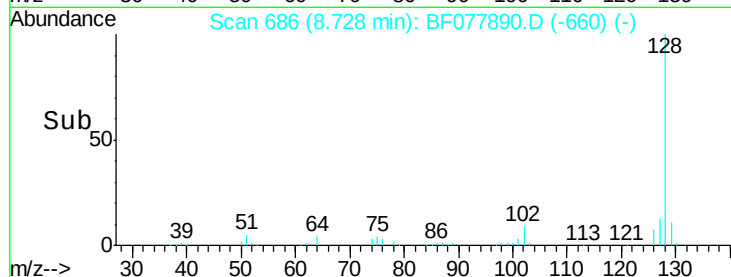
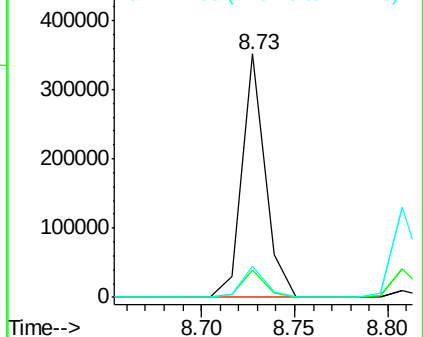
#31  
Naphthalene  
Concen: 39.23 ng  
RT: 8.73 min Scan# 686  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:128 Resp: 305344  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.0 10.4 15.6

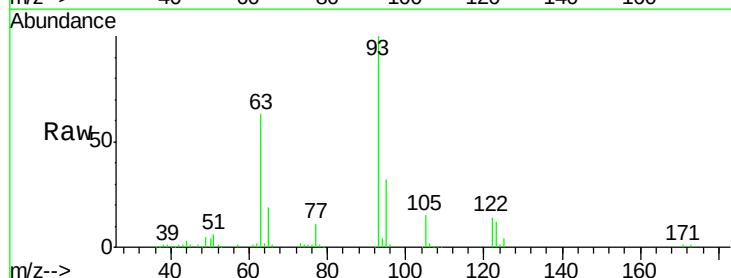


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

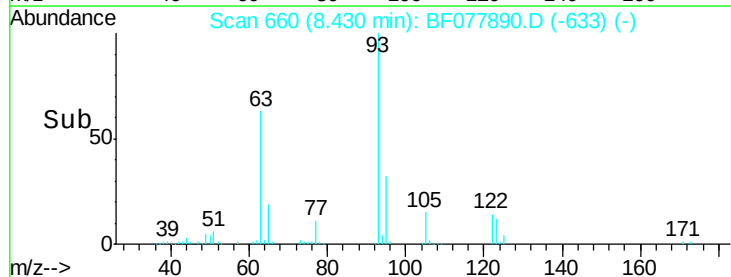
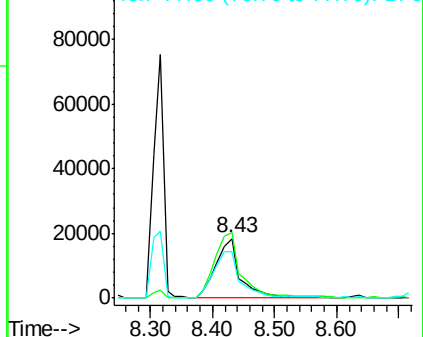


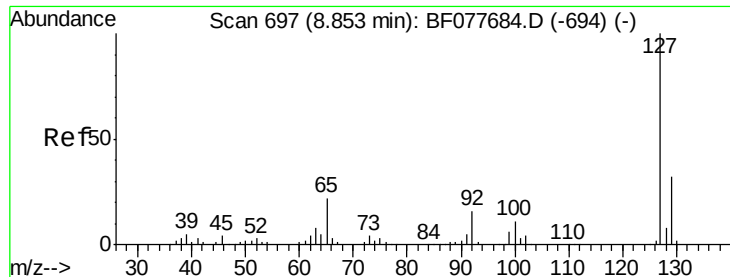
#32  
Benzoic acid  
Concen: 41.75 ng  
RT: 8.43 min Scan# 660  
Delta R.T. 0.01 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Tgt Ion:122 Resp: 51212  
Ion Ratio Lower Upper  
122 100  
105 111.2 99.9 139.9  
77 78.4 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

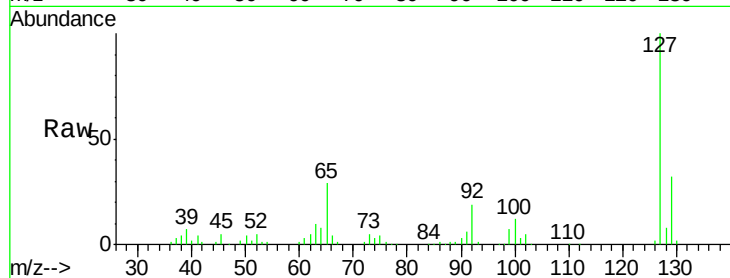




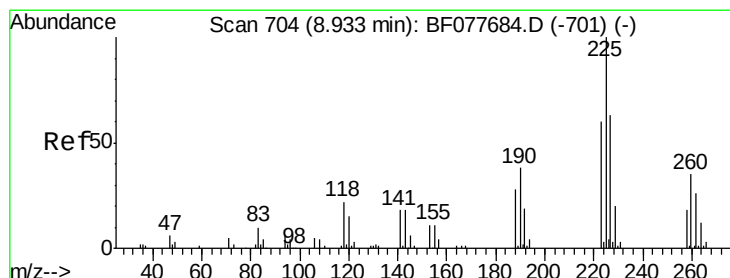
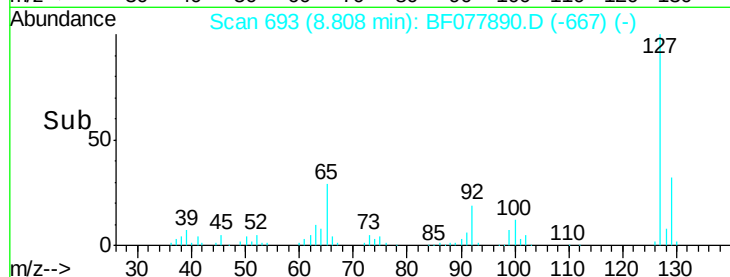
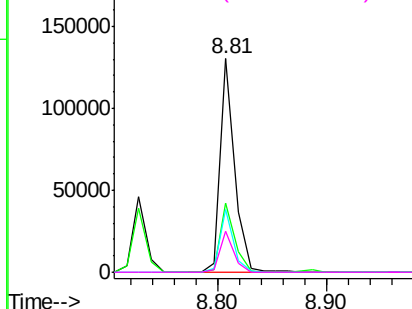
#33  
4-Chloroaniline  
Concen: 38.69 ng  
RT: 8.81 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 122242 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.3  | 37.9   |
| 65       | 29.2  | 17.6  | 26.4   |
| 92       | 19.0  | 13.1  | 19.7   |

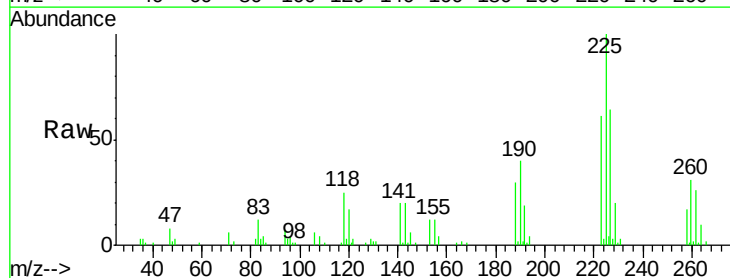


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

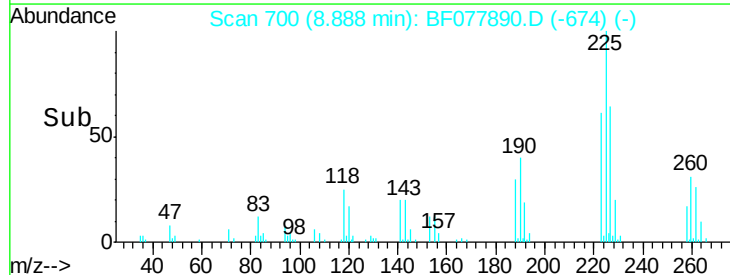
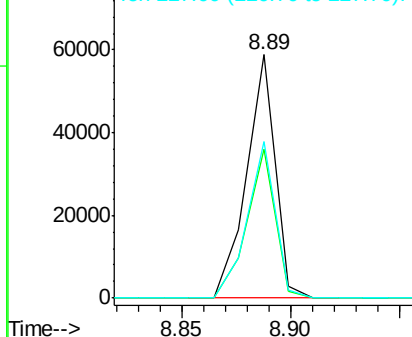


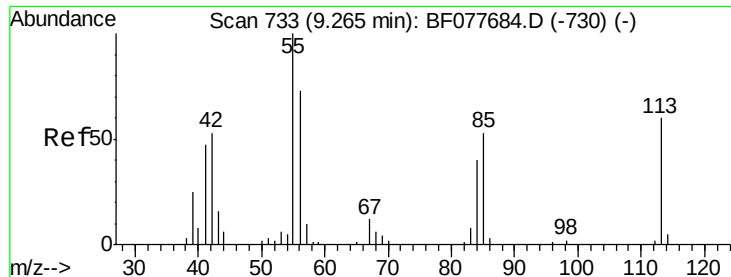
#34  
Hexachlorobutadiene  
Concen: 40.03 ng  
RT: 8.89 min Scan# 700  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 53762 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.4  | 47.9  | 71.9  |
| 227      | 64.2  | 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

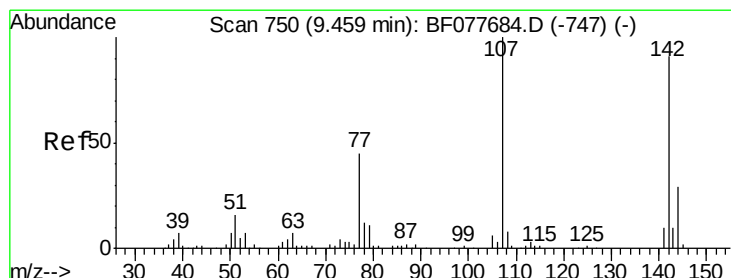
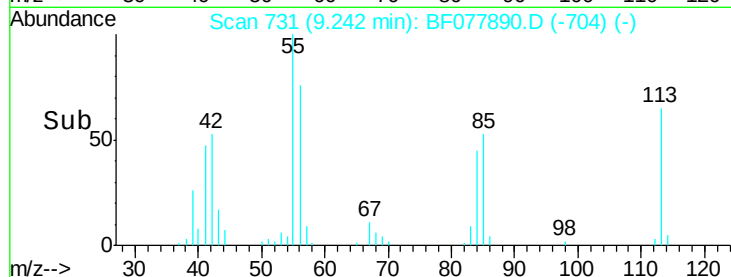
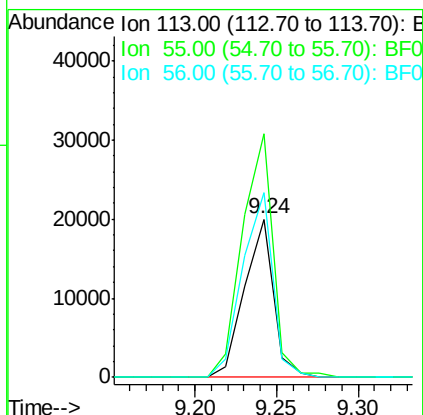
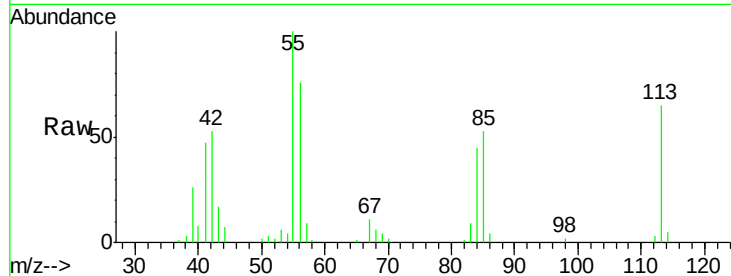




#35  
 Caprolactam  
 Concen: 39.71 ng  
 RT: 9.24 min Scan# 731  
 Delta R.T. 0.01 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

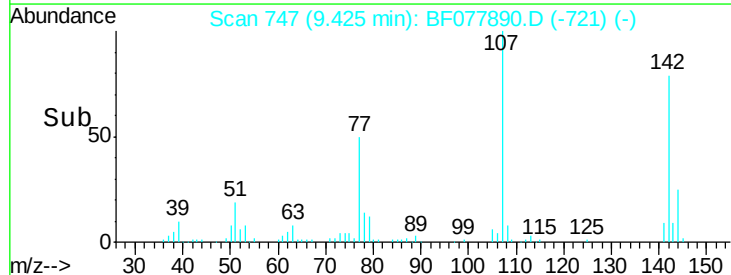
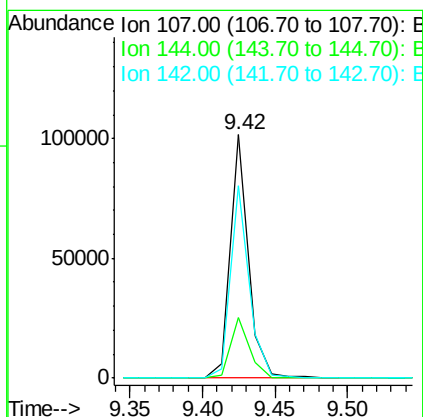
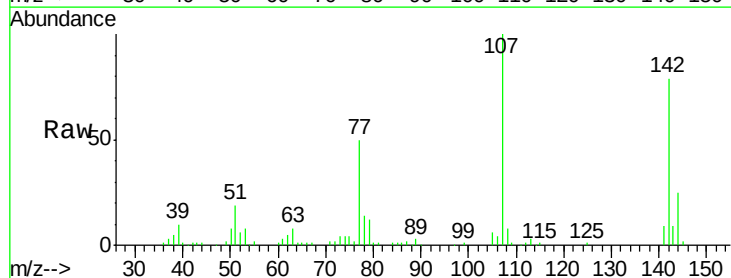
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

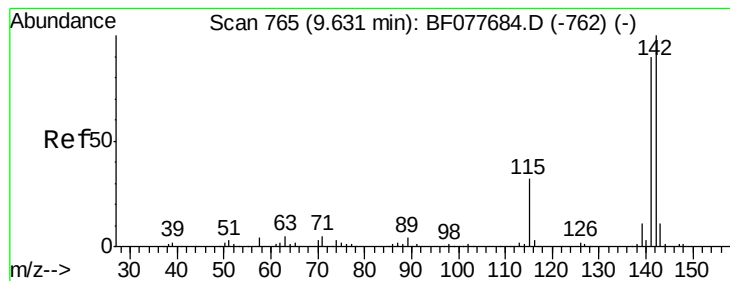
Tgt Ion:113 Resp: 24580  
 Ion Ratio Lower Upper  
 113 100  
 55 153.8 145.9 185.9  
 56 116.5 101.0 141.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.39 ng  
 RT: 9.42 min Scan# 747  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion:107 Resp: 88192  
 Ion Ratio Lower Upper  
 107 100  
 144 24.7 23.3 34.9  
 142 78.8 72.6 109.0

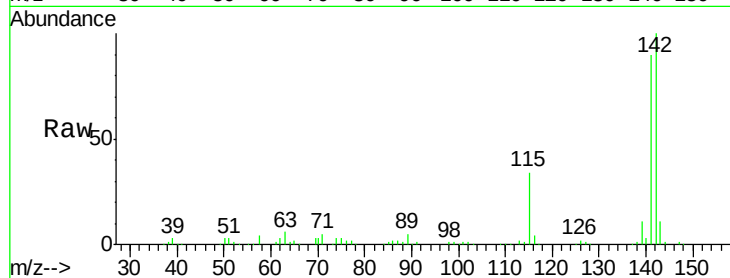




#37  
 2-Methylnaphthalene  
 Concen: 38.71 ng  
 RT: 9.58 min Scan# 761  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 71.9  | 107.9 |
| 115     | 33.6  | 25.4  | 38.0  |

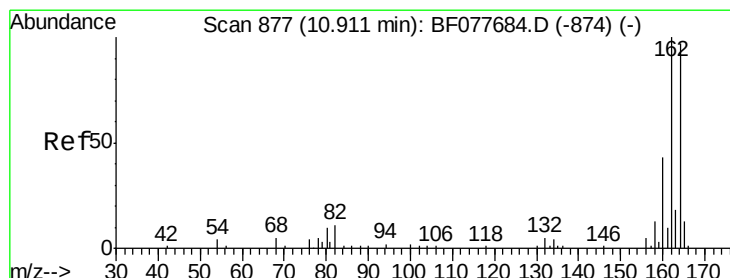
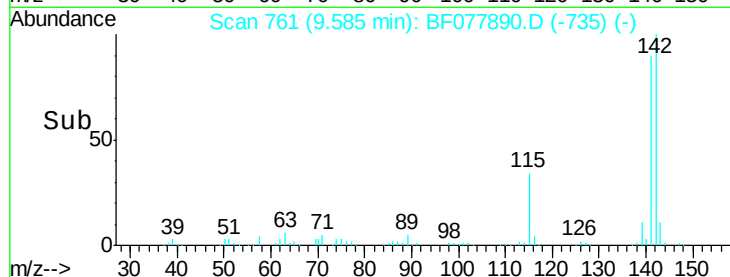
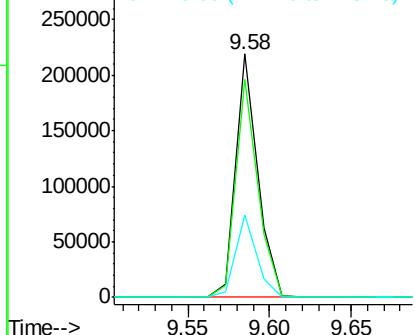


Abundance

Ion 142.00 (141.70 to 142.70): E

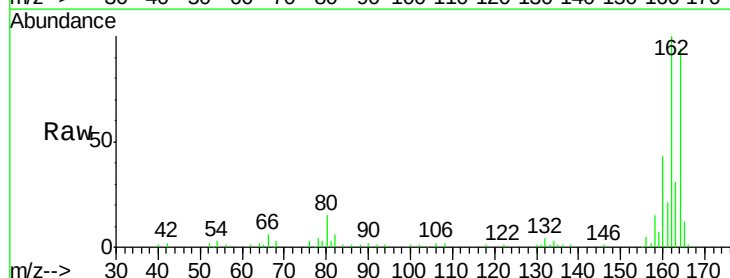
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.88 min Scan# 874  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.9 | 82.4  | 123.6 |
| 160     | 45.3  | 35.8  | 53.6  |

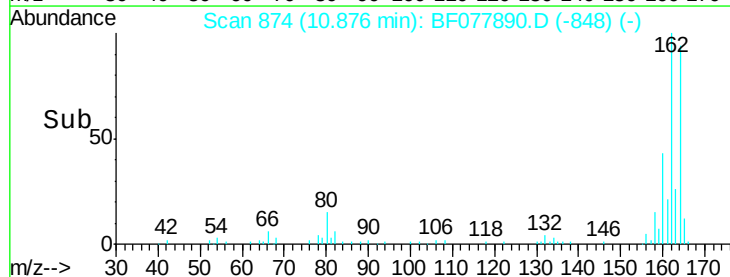
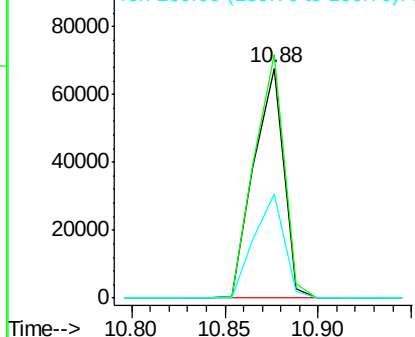


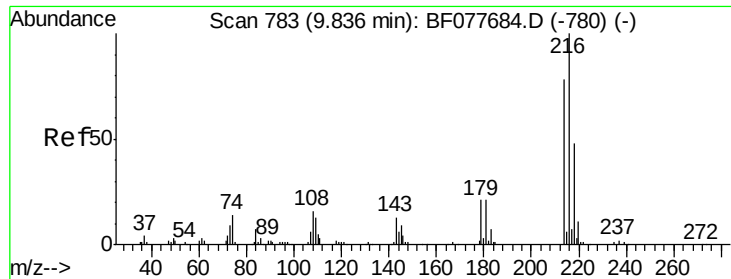
Abundance

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

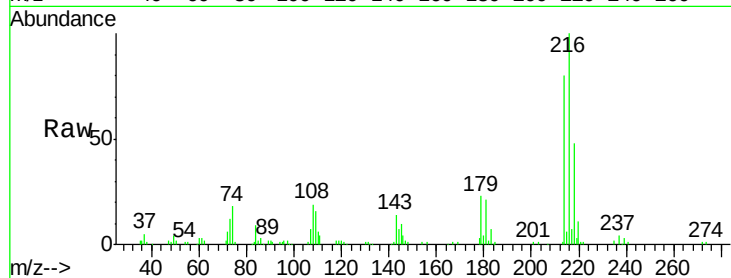




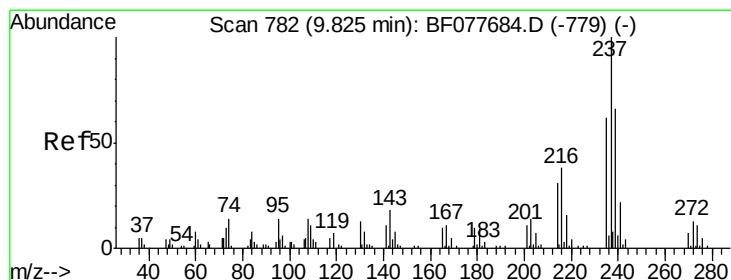
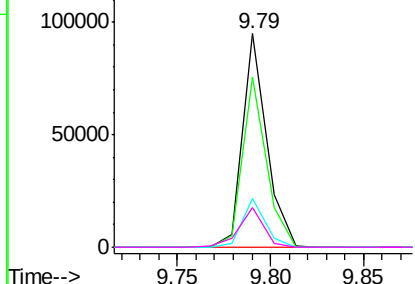
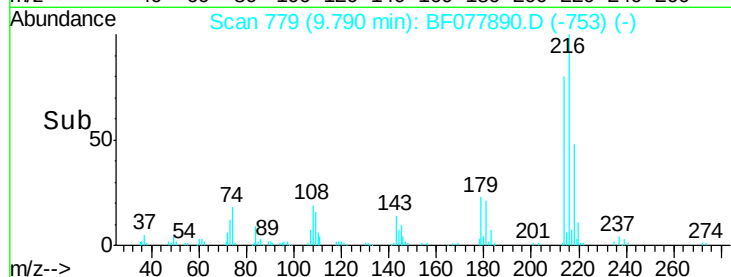
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.29 ng  
 RT: 9.79 min Scan# 779  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 85424 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 78.7  | 0.0   | 0.0#  |
| 179      | 21.8  | 0.0   | 0.0#  |
| 108      | 19.3  | 0.0   | 0.0#  |

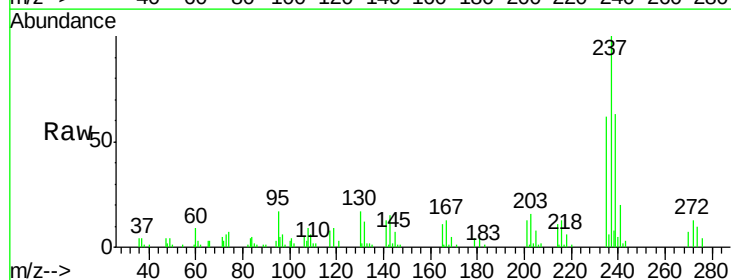


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

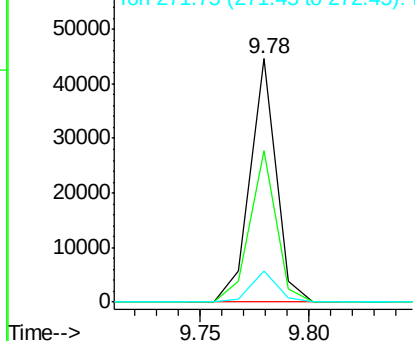
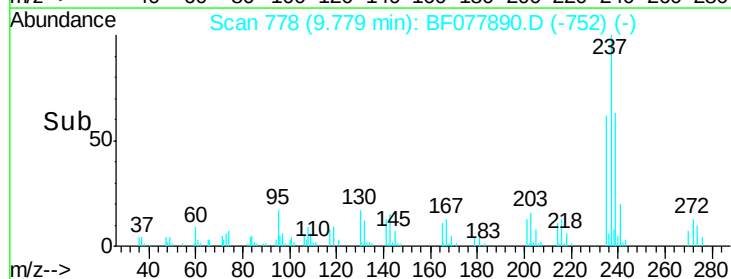


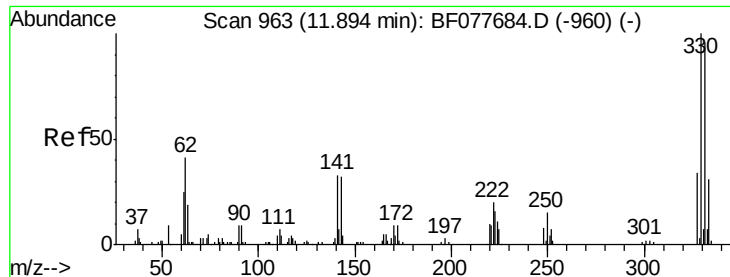
#40  
 Hexachlorocyclopentadiene  
 Concen: 35.06 ng  
 RT: 9.78 min Scan# 778  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 37088 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 62.0  | 42.0  | 82.0  |
| 272      | 12.8  | 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

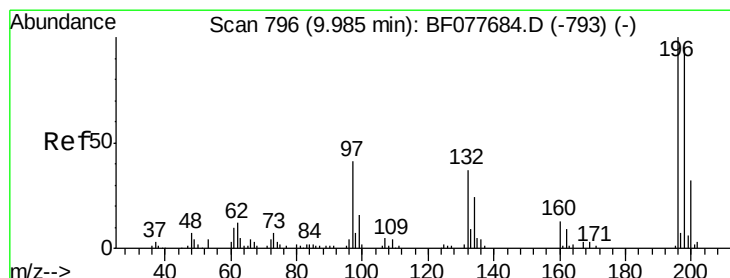
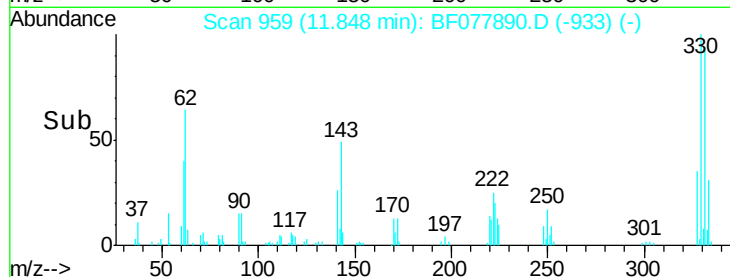
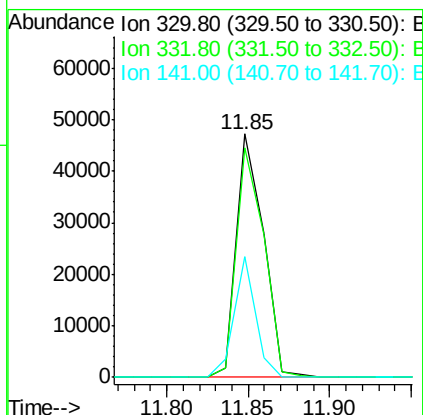
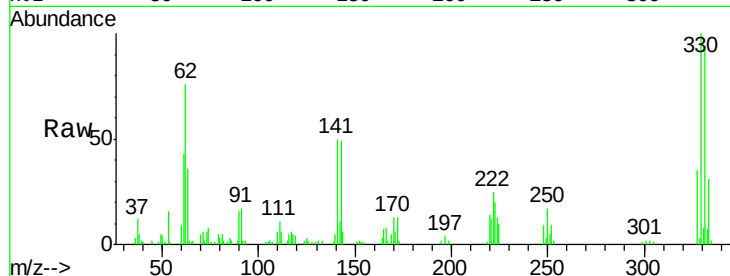




#41  
 2,4,6-Tribromophenol  
 Concen: 75.31 ng  
 RT: 11.85 min Scan# 959  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

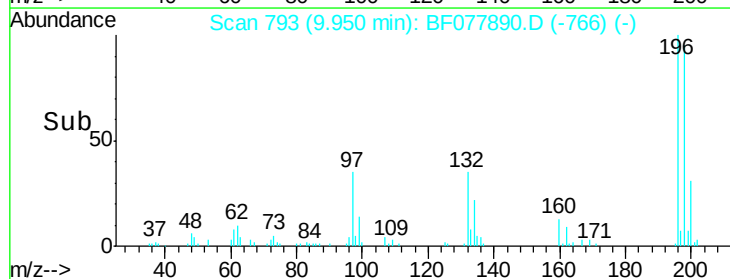
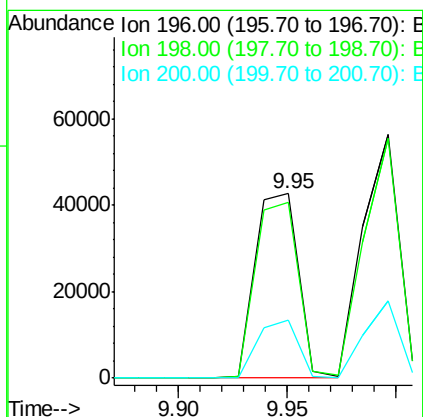
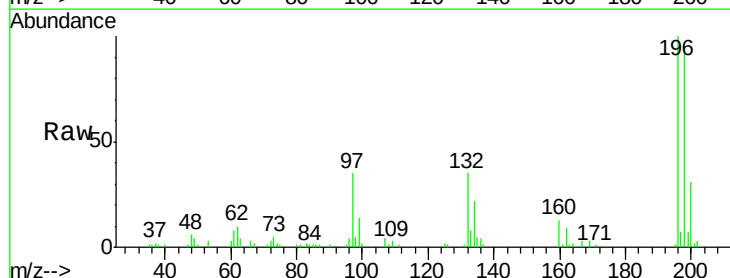
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:330 Resp: 53894  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 0.0 0.0#  
 141 39.4 0.0 0.0#

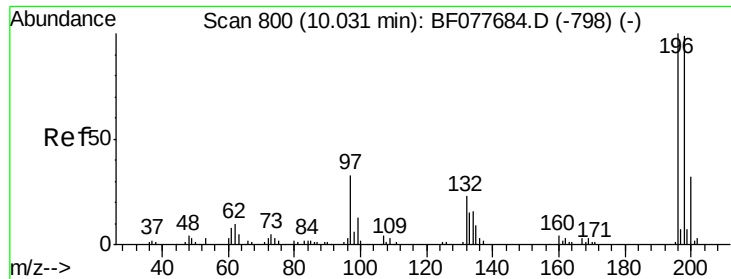


#42  
 2,4,6-Trichlorophenol  
 Concen: 38.36 ng  
 RT: 9.95 min Scan# 793  
 Delta R.T. 0.01 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion:196 Resp: 59276  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 76.3 114.5  
 200 31.3 25.6 38.4



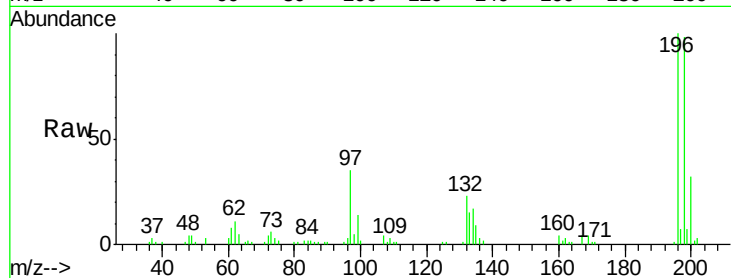




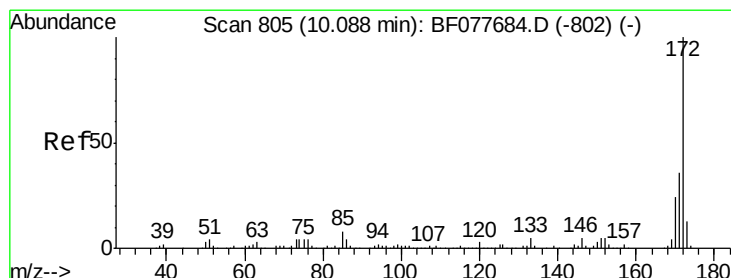
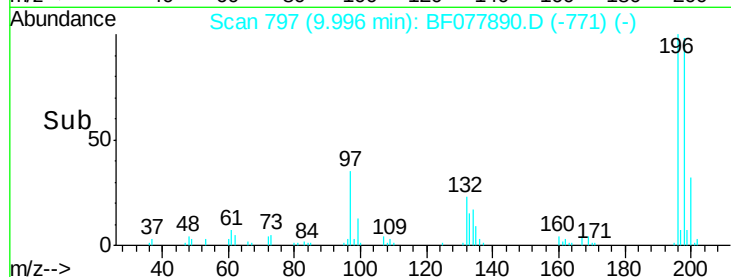
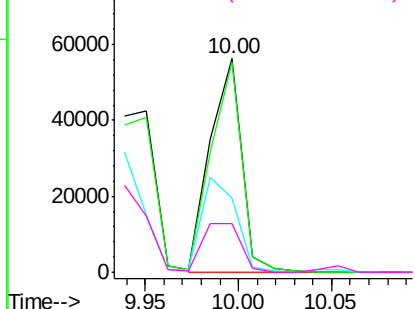
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.76 ng  
 RT: 10.00 min Scan# 797  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:196 Resp: 66383  
 Ion Ratio Lower Upper  
 196 100  
 198 98.4 79.4 119.0  
 97 35.0 26.8 40.2  
 132 22.7 18.6 28.0

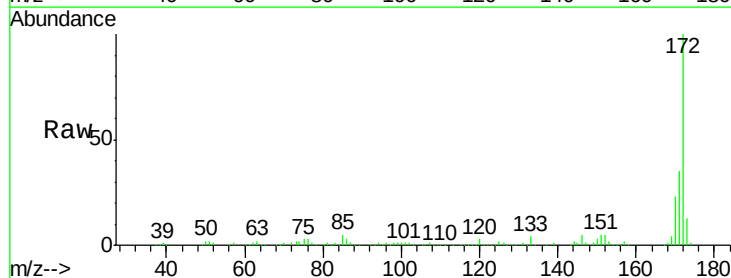


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

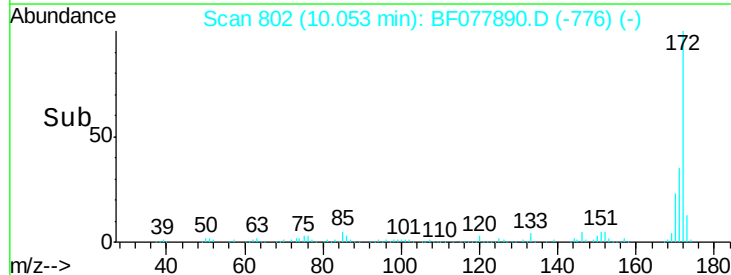
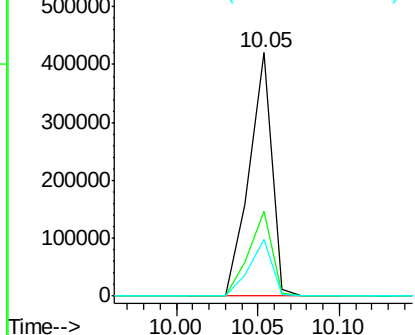


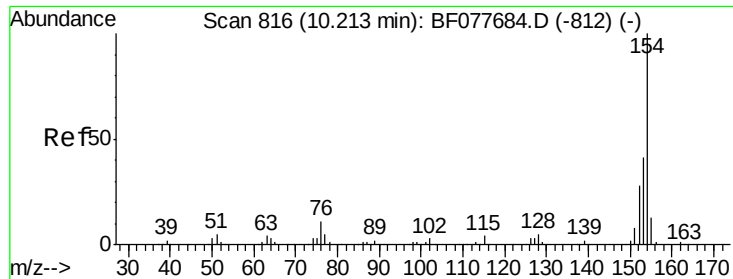
#44  
 2-Fluorobiphenyl  
 Concen: 80.03 ng  
 RT: 10.05 min Scan# 802  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion:172 Resp: 407305  
 Ion Ratio Lower Upper  
 172 100  
 171 34.9 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

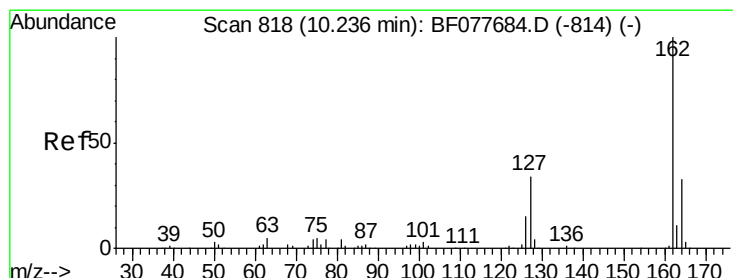
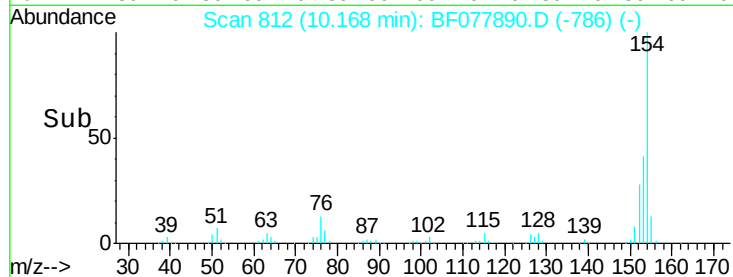
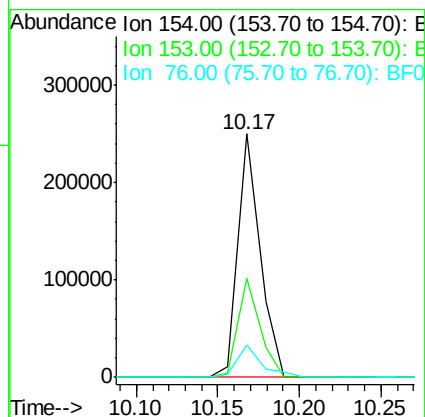
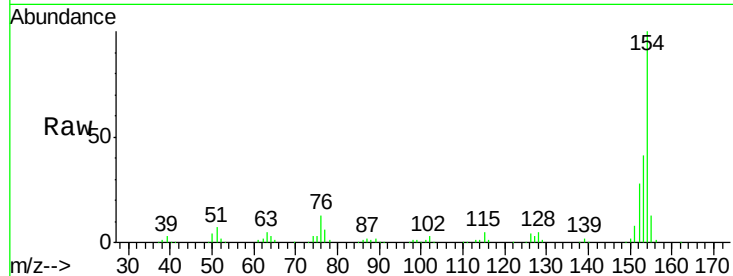




#45  
1,1'-Biphenyl  
Concen: 39.09 ng  
RT: 10.17 min Scan# 812  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

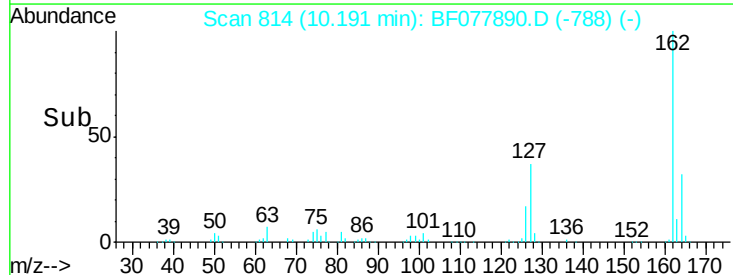
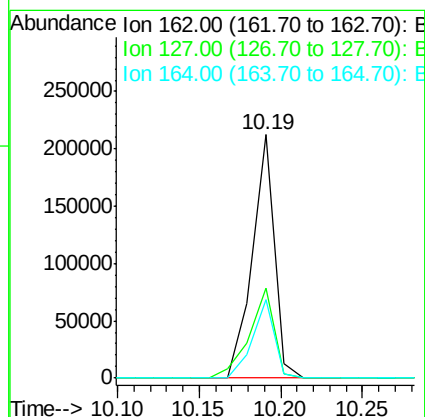
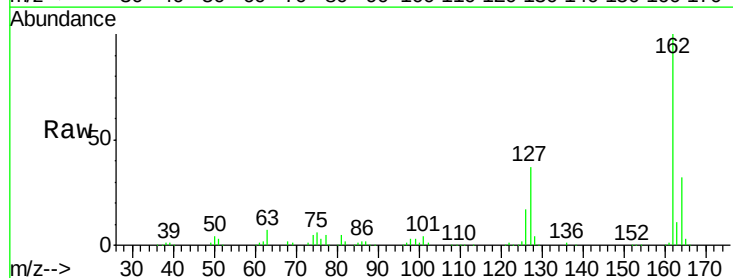
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

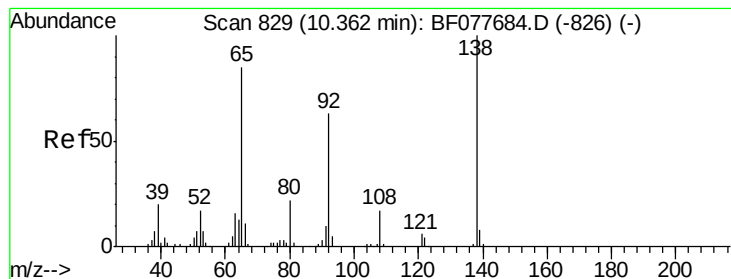
Tgt Ion:154 Resp: 233719  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.7 60.7  
76 13.3 0.0 30.9



#46  
2-Chloronaphthalene  
Concen: 41.12 ng  
RT: 10.19 min Scan# 814  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Tgt Ion:162 Resp: 199806  
Ion Ratio Lower Upper  
162 100  
127 36.9 26.9 40.3  
164 32.3 26.8 40.2





#47

2-Nitroaniline

Concen: 42.35 ng

RT: 10.33 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

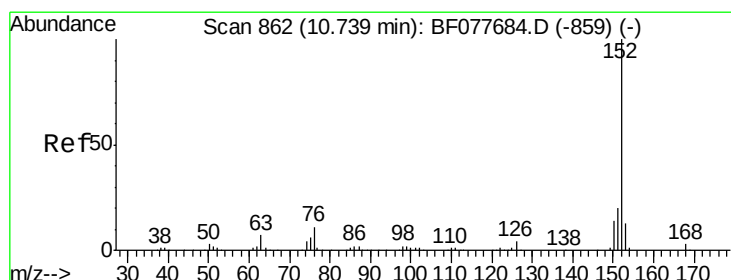
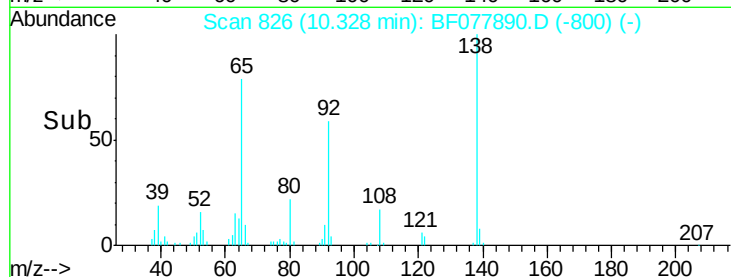
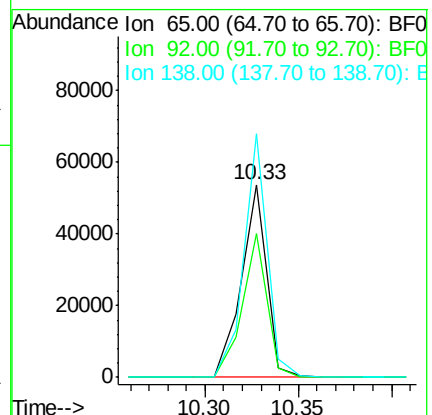
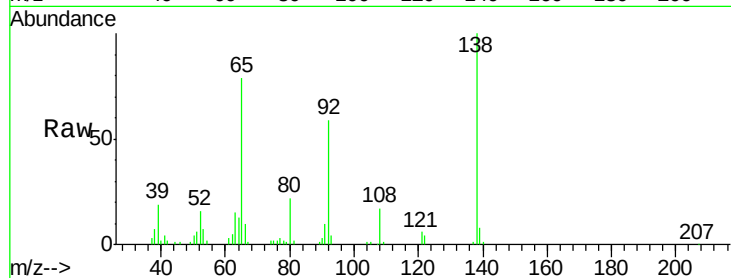
Tgt Ion: 65 Resp: 51101

Ion Ratio Lower Upper

65 100

92 74.9 59.1 88.7

138 126.5 93.9 140.9



#48

Acenaphthylene

Concen: 39.05 ng

RT: 10.69 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

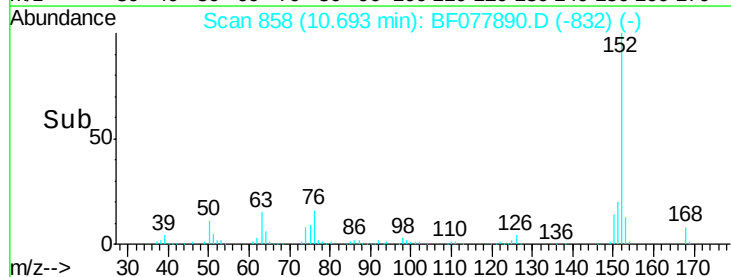
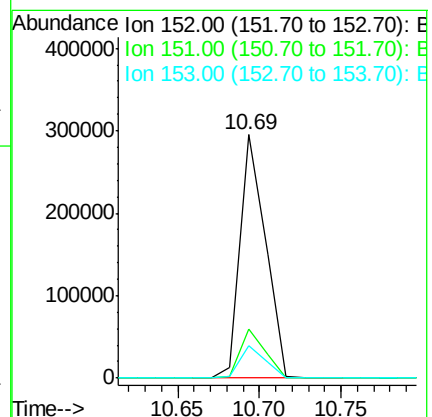
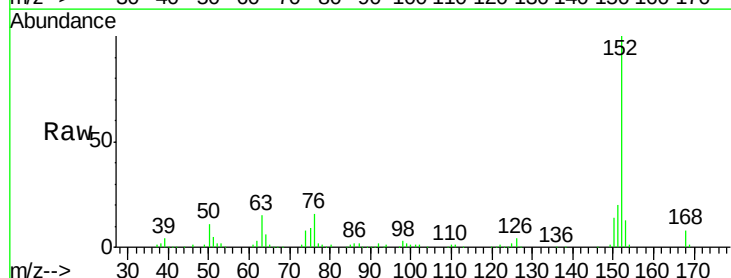
Tgt Ion: 152 Resp: 315549

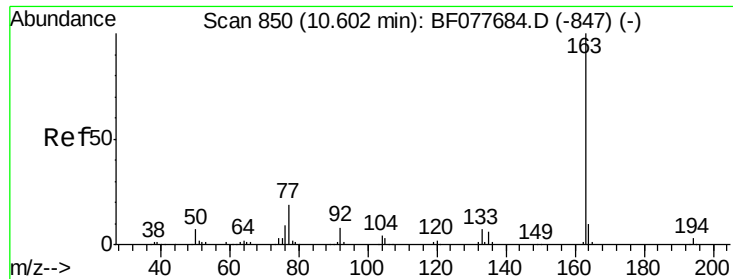
Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.4 10.6 16.0





#49

Dimethylphthalate

Concen: 39.46 ng

RT: 10.57 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

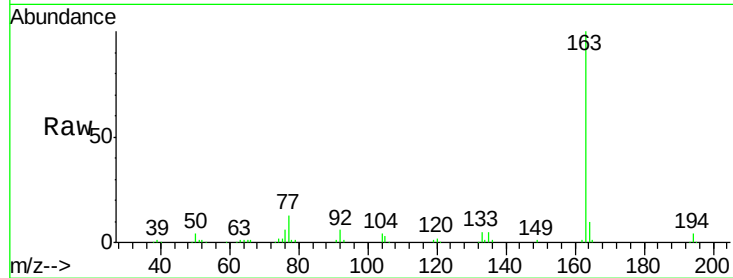
Tgt Ion:163 Resp: 218923

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

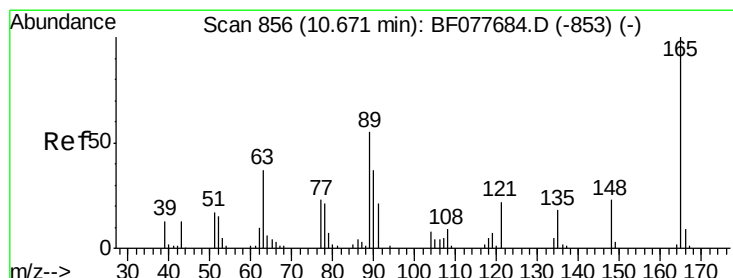
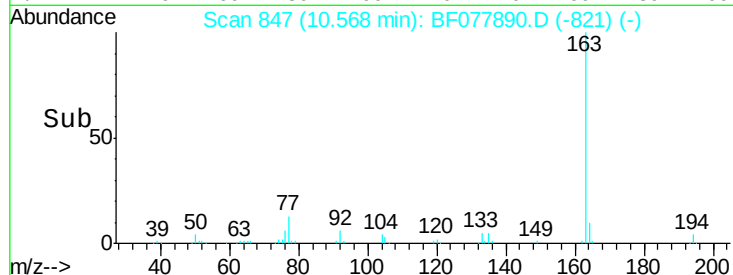
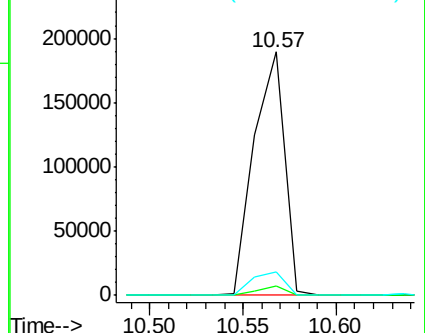
164 9.6 8.2 12.2



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: 44.07 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

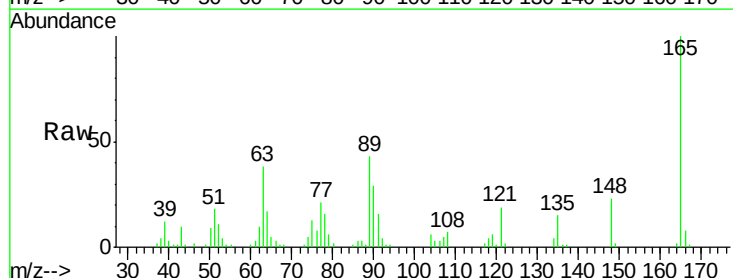
Tgt Ion:165 Resp: 50673

Ion Ratio Lower Upper

165 100

63 38.1 44.1 66.1#

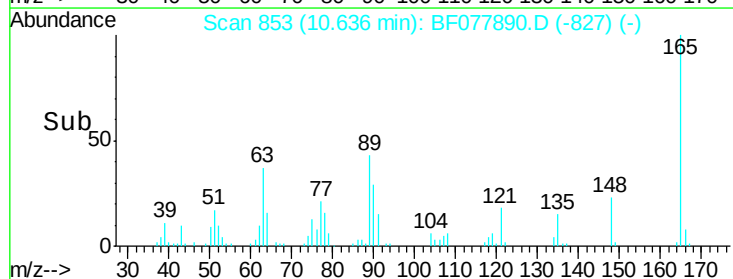
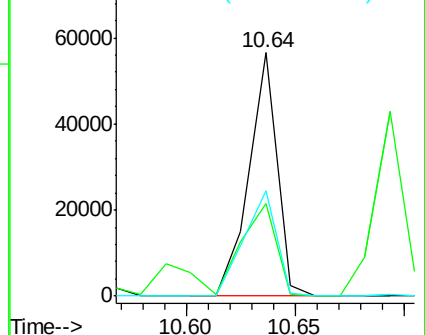
89 43.1 44.3 66.5#

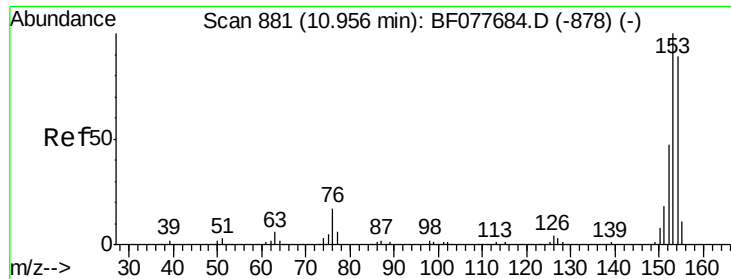


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.77 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

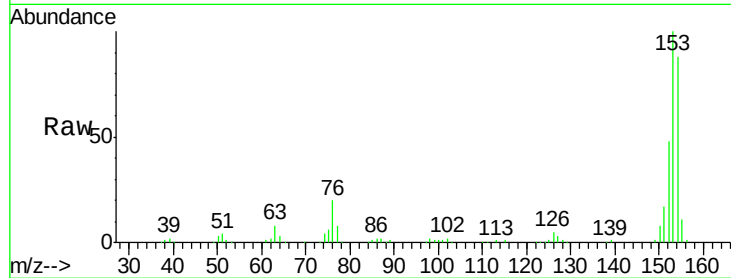
Tgt Ion:154 Resp: 179592

Ion Ratio Lower Upper

154 100

153 113.4 90.0 135.0

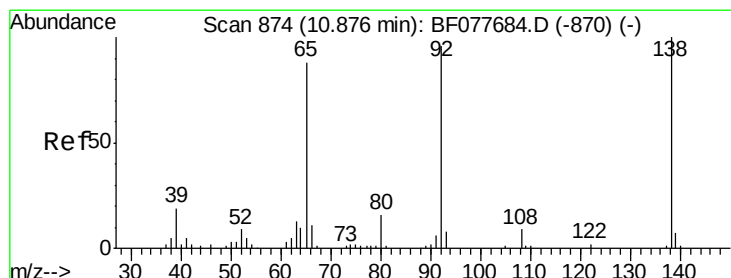
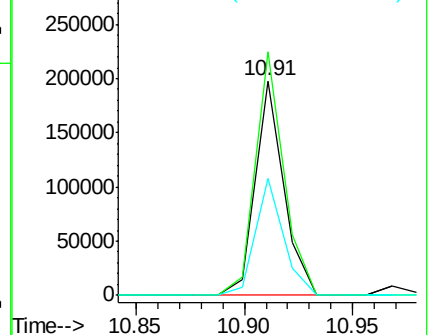
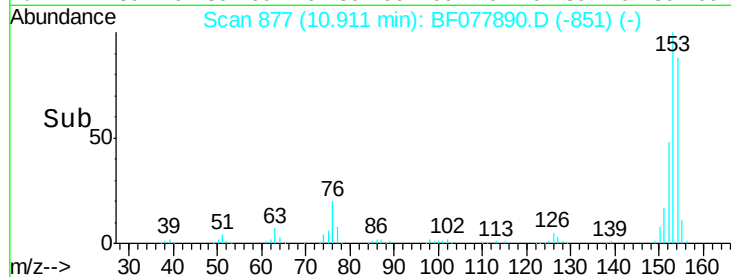
152 54.6 42.6 63.8



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: 39.35 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

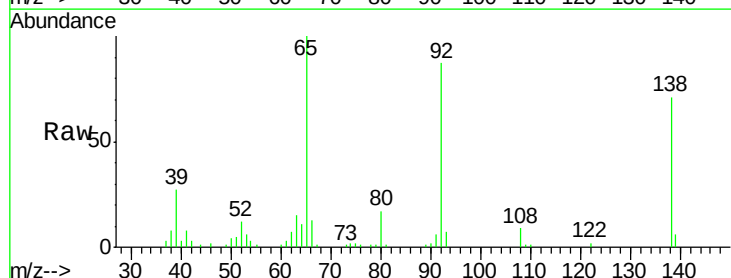
Tgt Ion:138 Resp: 52556

Ion Ratio Lower Upper

138 100

108 12.1 7.3 10.9#

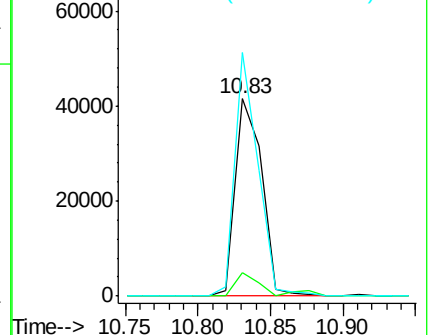
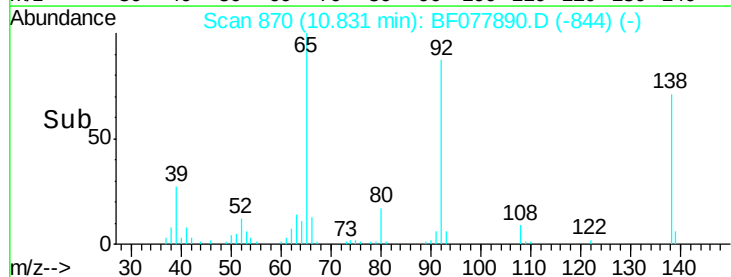
92 123.5 76.6 114.8#

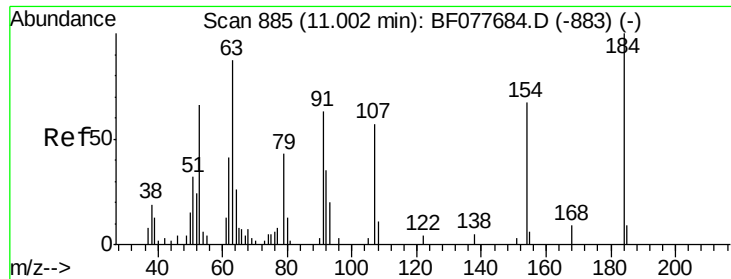


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

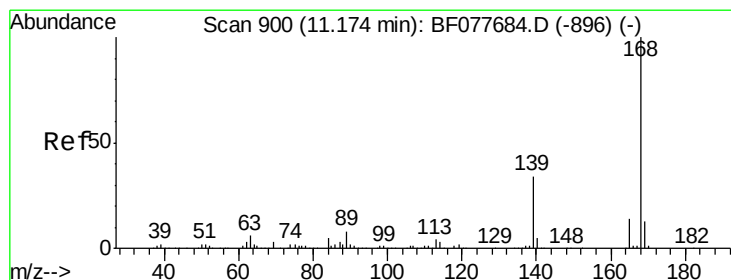
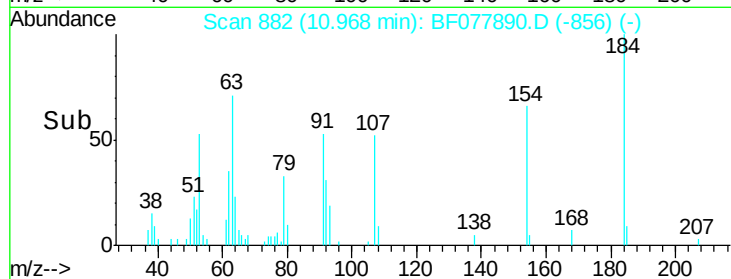
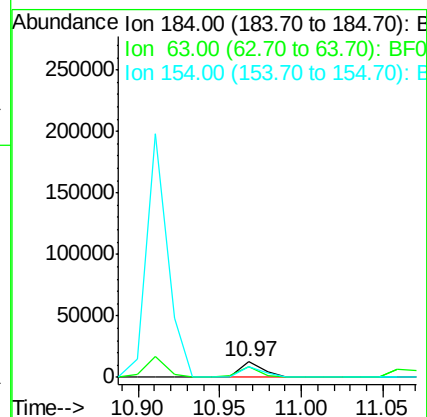
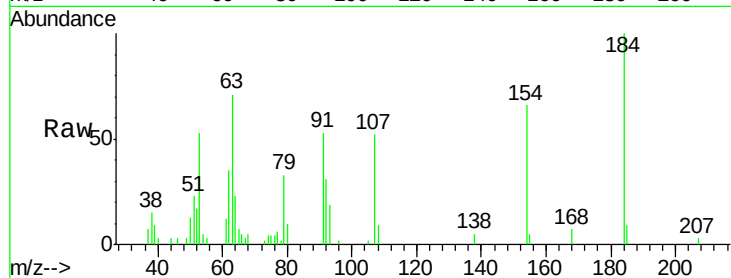




#53  
 2,4-Dinitrophenol  
 Concen: 36.23 ng  
 RT: 10.97 min Scan# 882  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

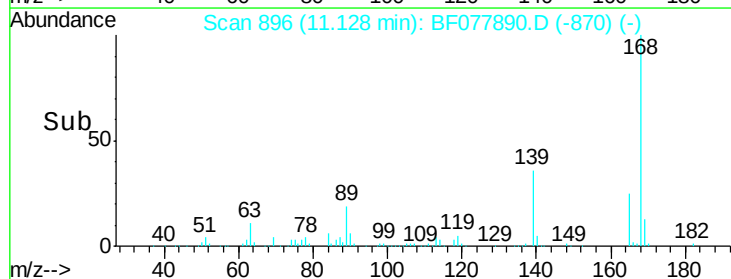
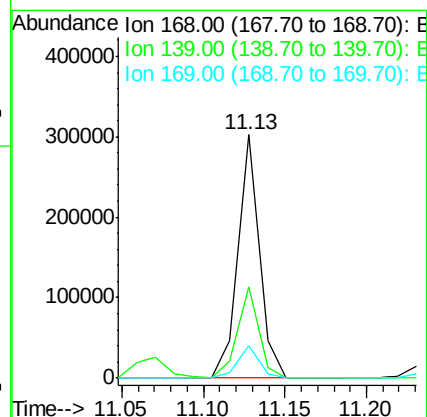
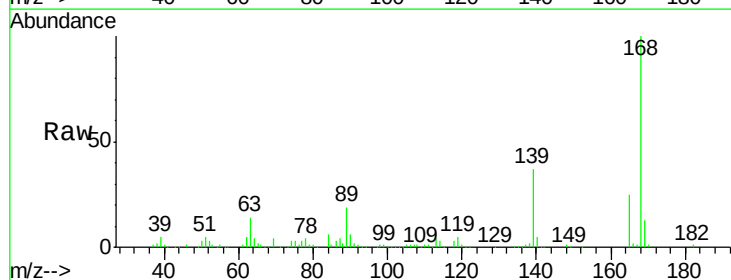
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

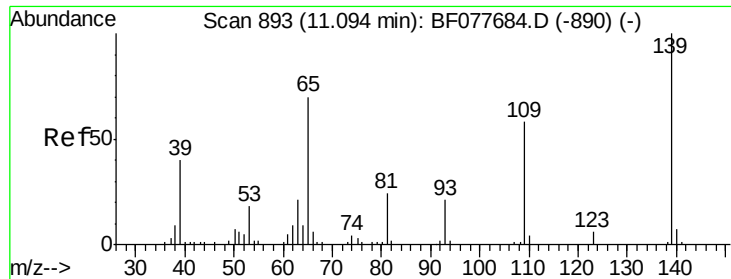
Tgt Ion:184 Resp: 13236  
 Ion Ratio Lower Upper  
 184 100  
 63 71.3 69.2 103.8  
 154 65.9 53.3 79.9



#54  
 Dibenzofuran  
 Concen: 39.60 ng  
 RT: 11.13 min Scan# 896  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion:168 Resp: 272115  
 Ion Ratio Lower Upper  
 168 100  
 139 37.4 27.3 40.9  
 169 13.2 10.6 16.0

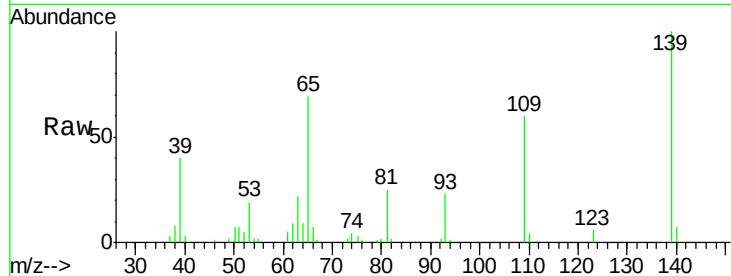




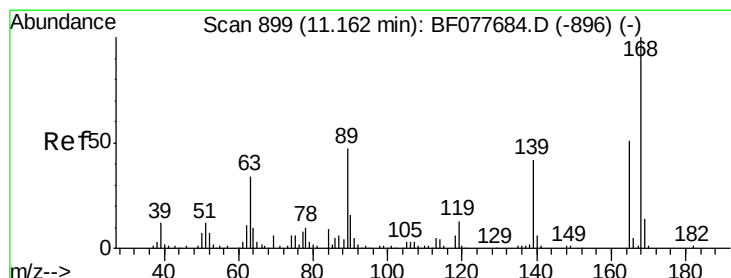
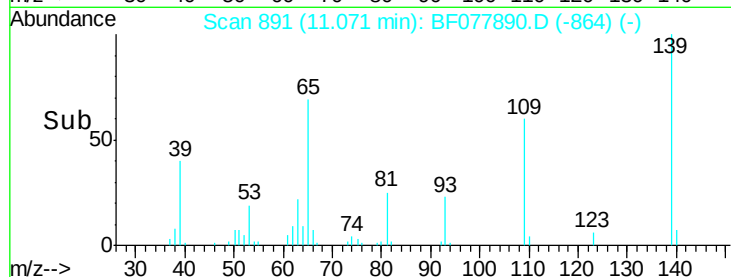
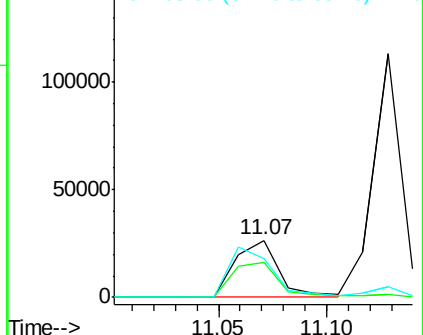
#55  
4-Nitrophenol  
Concen: 37.07 ng  
RT: 11.07 min Scan# 891  
Delta R.T. 0.01 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:139 Resp: 36674  
Ion Ratio Lower Upper  
139 100  
109 60.5 37.7 77.7  
65 69.2 49.9 89.9

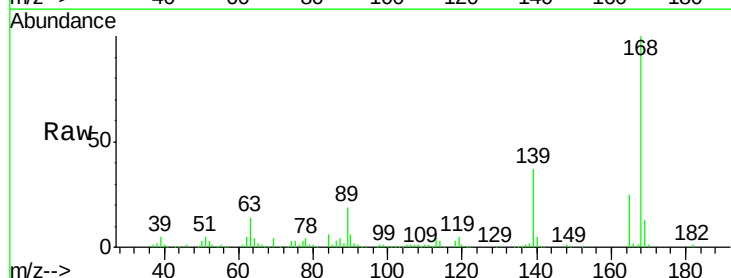


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

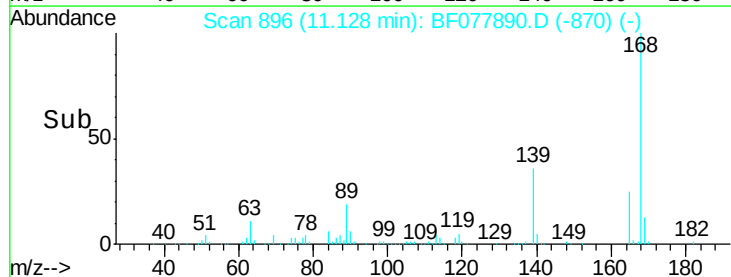
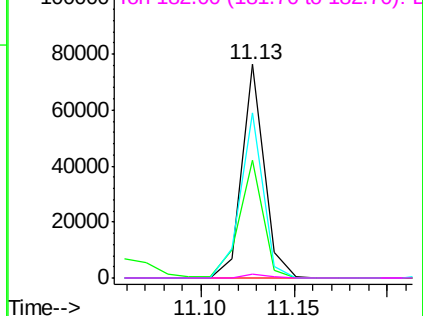


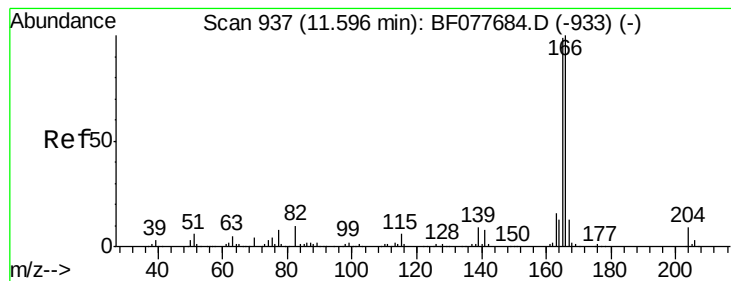
#56  
2,4-Dinitrotoluene  
Concen: 42.58 ng  
RT: 11.13 min Scan# 896  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Tgt Ion:165 Resp: 63852  
Ion Ratio Lower Upper  
165 100  
63 54.9 52.4 78.6  
89 77.1 72.4 108.6  
182 2.1 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: 39.71 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

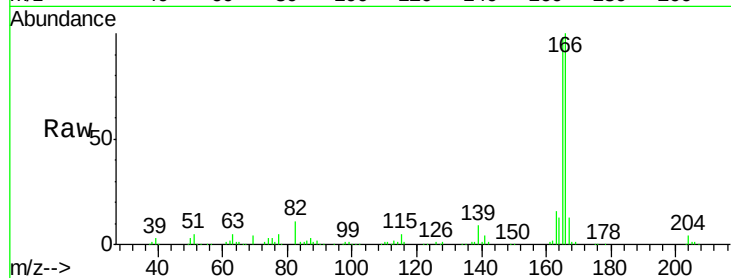
Tgt Ion:166 Resp: 226527

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.4

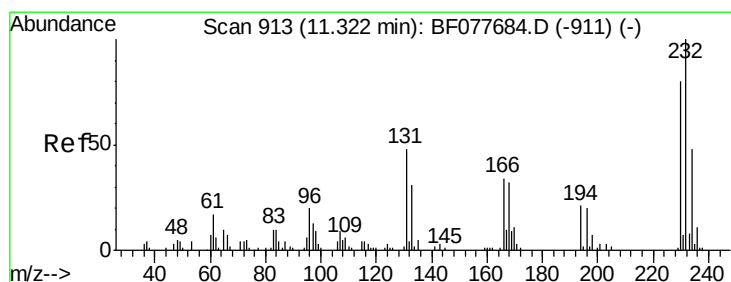
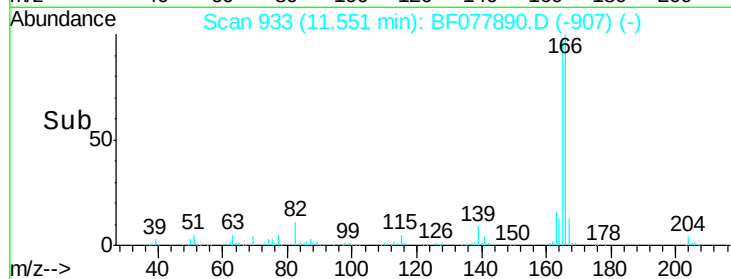
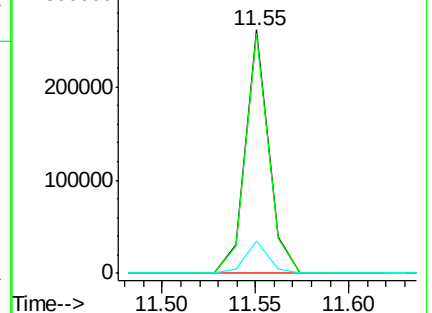
167 13.5 10.3 15.5



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: 40.53 ng

RT: 11.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Tgt Ion:232 Resp: 52100

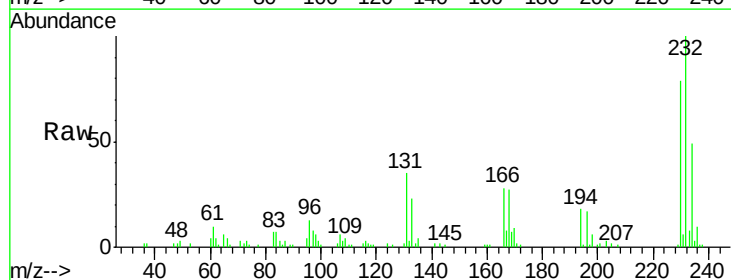
Ion Ratio Lower Upper

232 100

131 44.5 0.0 0.0#

130 2.3 0.0 0.0#

166 32.0 0.0 0.0#

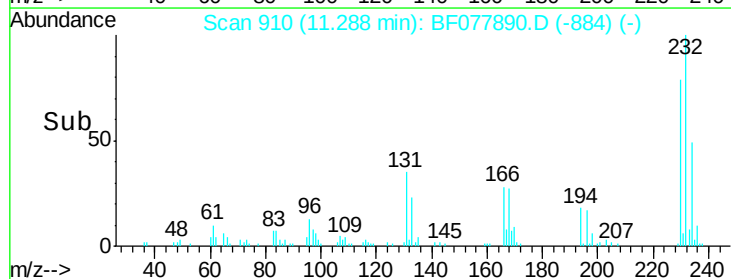
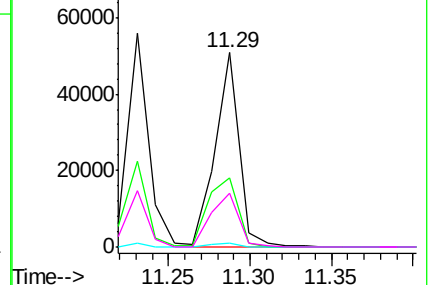


Abundance Ion 232.00 (231.70 to 232.70): E

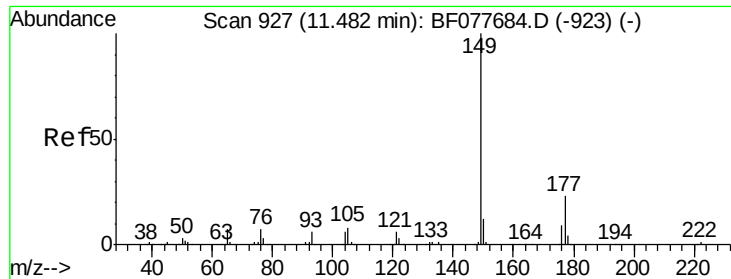
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



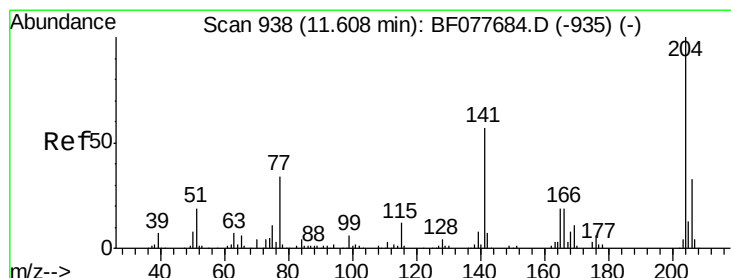
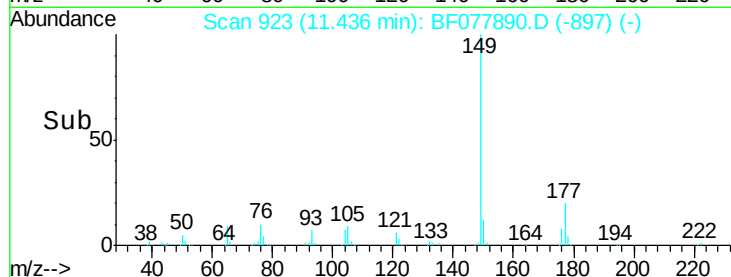
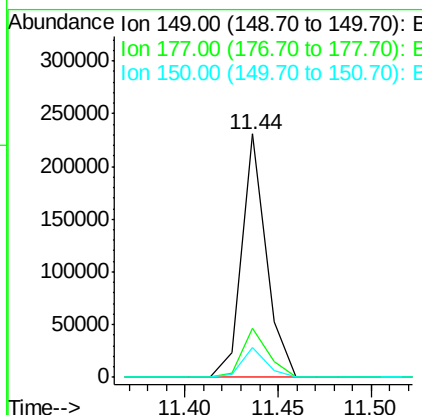
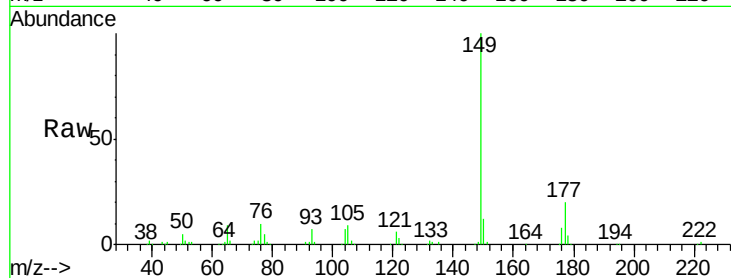




#59  
Diethylphthalate  
Concen: 38.99 ng  
RT: 11.44 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

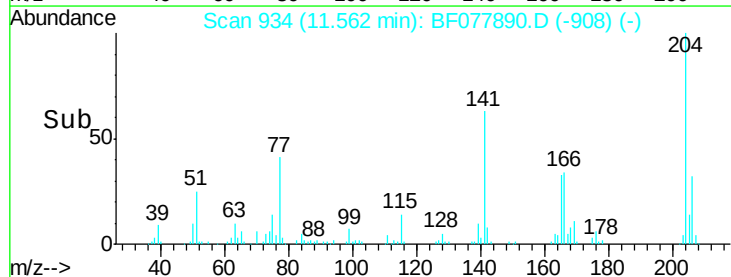
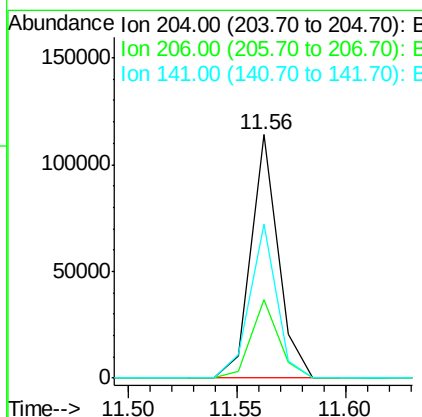
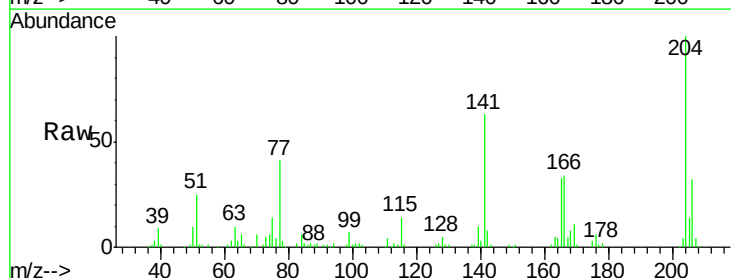
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

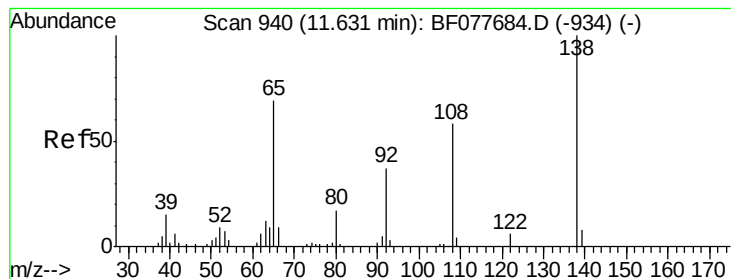
Tgt Ion:149 Resp: 210769  
Ion Ratio Lower Upper  
149 100  
177 20.3 18.3 27.5  
150 12.5 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 38.20 ng  
RT: 11.56 min Scan# 934  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Tgt Ion:204 Resp: 99469  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.6 39.8  
141 63.1 45.2 67.8

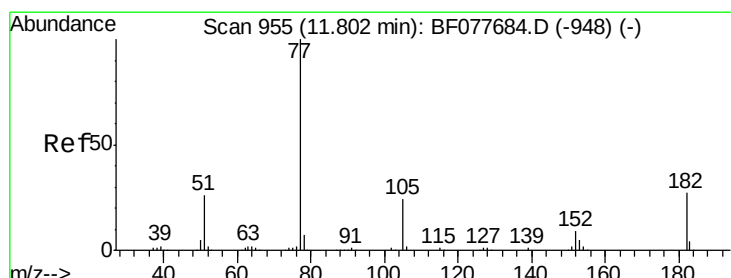
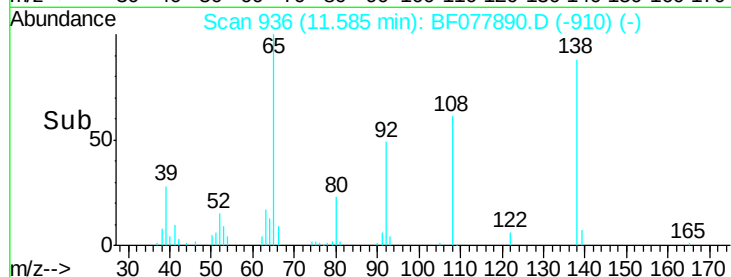
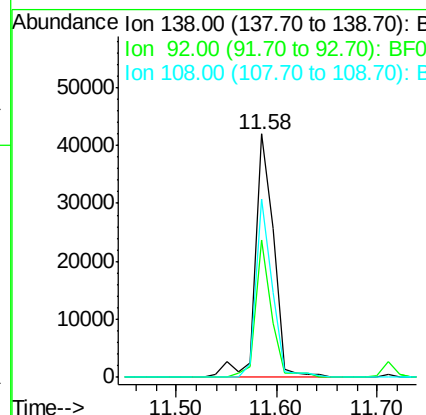
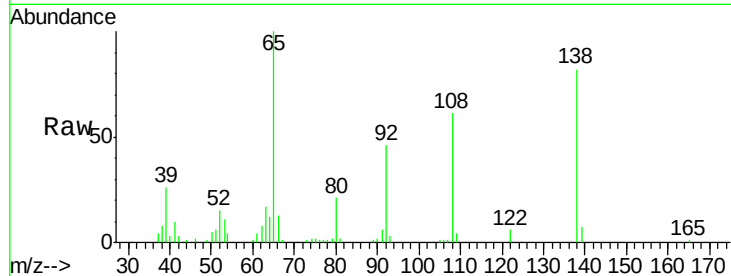




#61  
 4-Nitroaniline  
 Concen: 40.00 ng  
 RT: 11.58 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

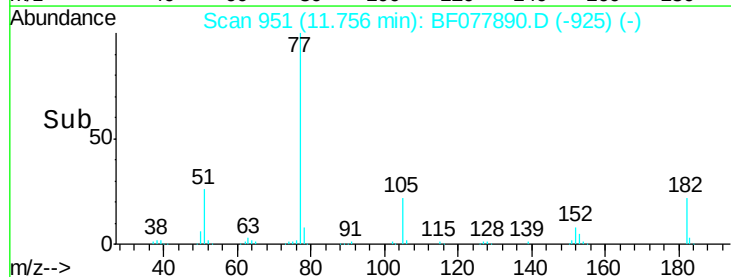
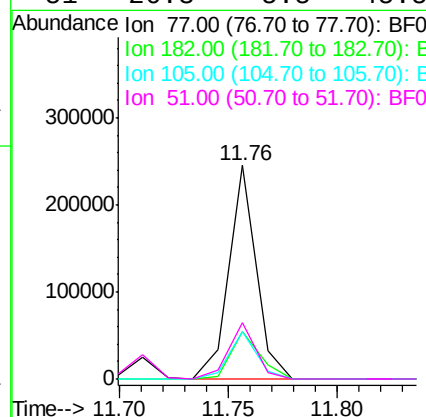
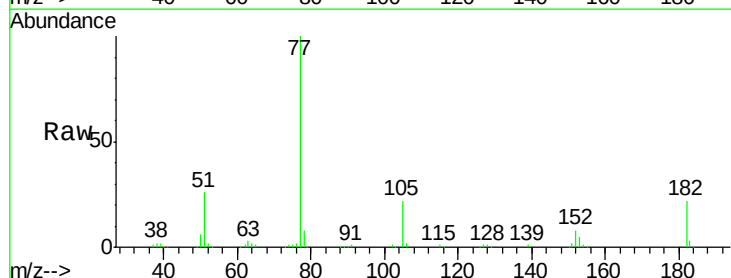
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

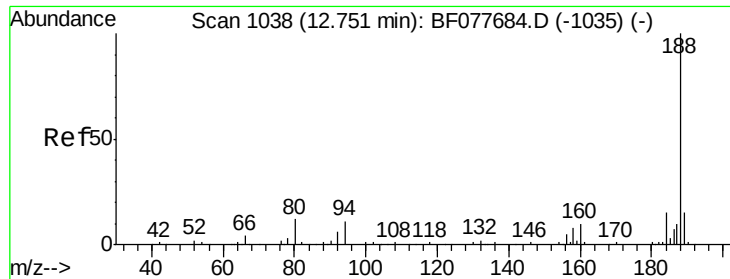
Tgt Ion: 138 Resp: 53234  
 Ion Ratio Lower Upper  
 138 100  
 92 56.3 16.7 56.7  
 108 73.5 37.6 77.6



#62  
 Azobenzene  
 Concen: 41.39 ng  
 RT: 11.76 min Scan# 951  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion: 77 Resp: 213794  
 Ion Ratio Lower Upper  
 77 100  
 182 22.2 6.5 46.5  
 105 22.5 3.8 43.8  
 51 26.3 5.5 45.5

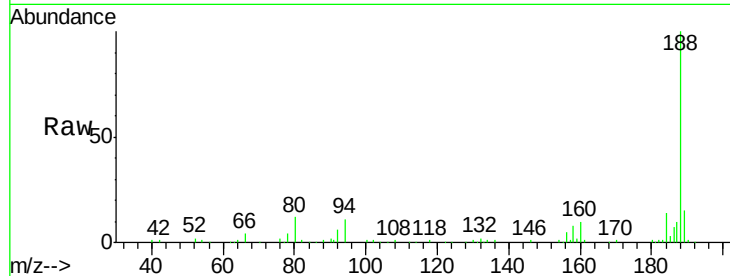




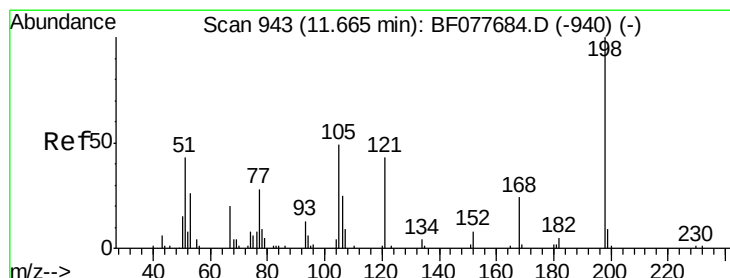
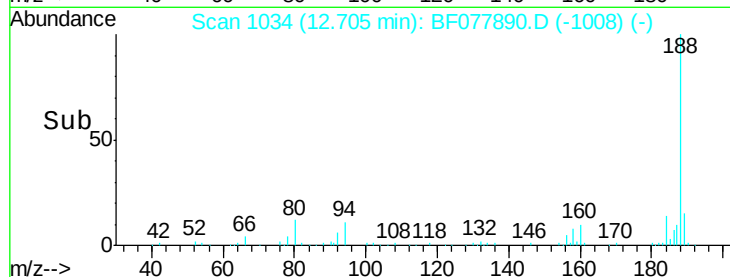
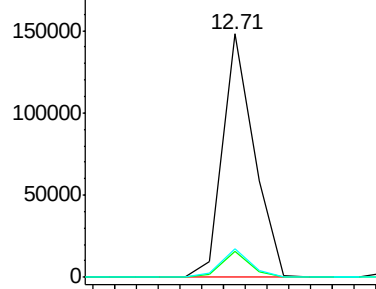
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 12.71 min Scan# 1034  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:188 Resp: 149588  
 Ion Ratio Lower Upper  
 188 100  
 94 10.6 8.7 13.1  
 80 11.7 9.3 13.9

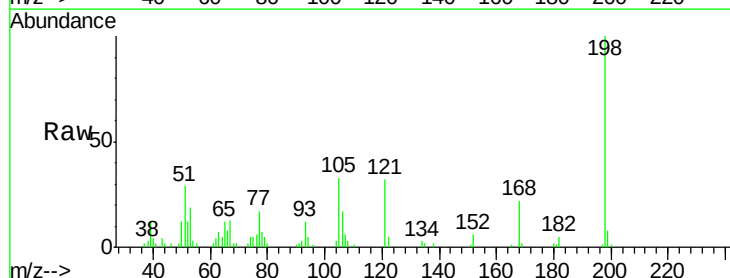


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

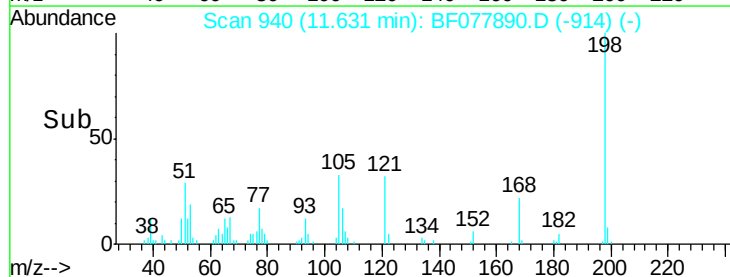
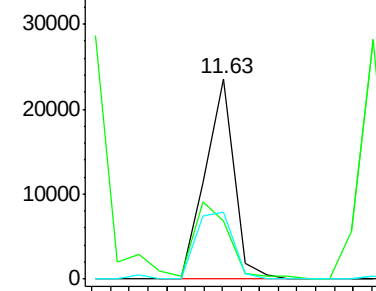


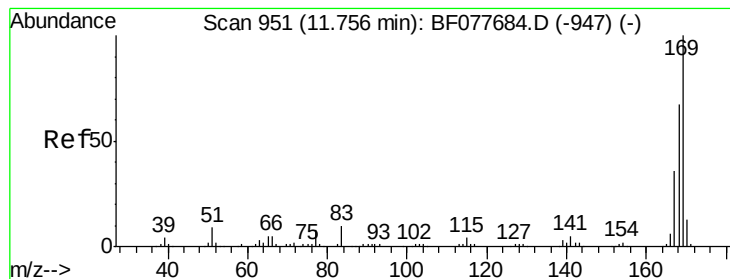
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 37.38 ng  
 RT: 11.63 min Scan# 940  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion:198 Resp: 25660  
 Ion Ratio Lower Upper  
 198 100  
 51 28.8 28.8 68.8#  
 105 33.1 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

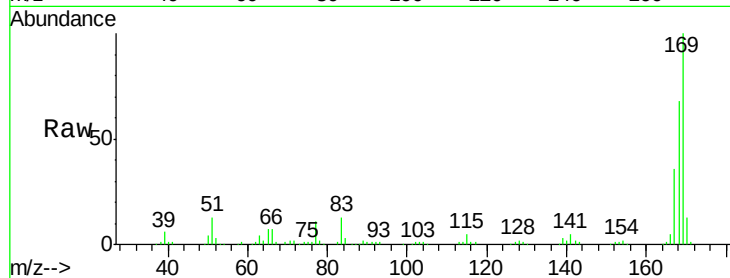




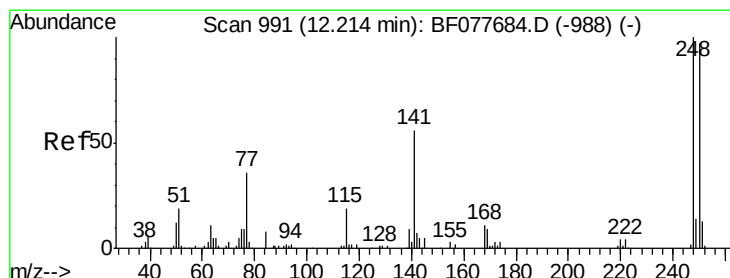
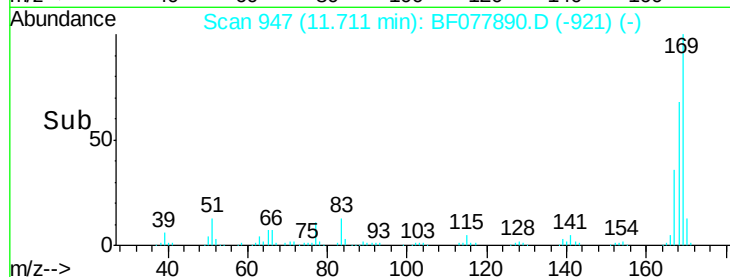
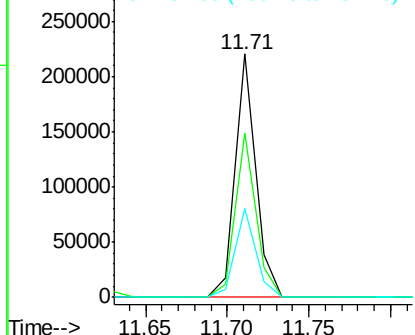
#65  
 n-Nitrosodiphenylamine  
 Concen: 38.24 ng  
 RT: 11.71 min Scan# 947  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:169 Resp: 190481  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 53.9 80.9  
 167 36.3 28.9 43.3

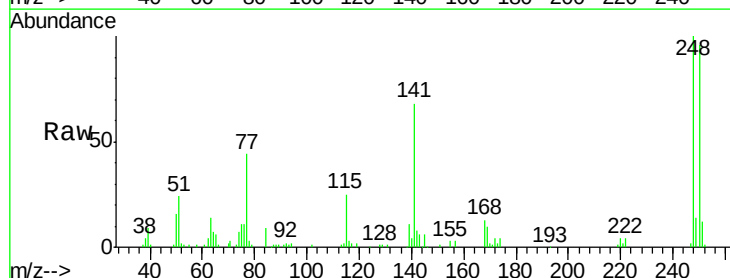


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

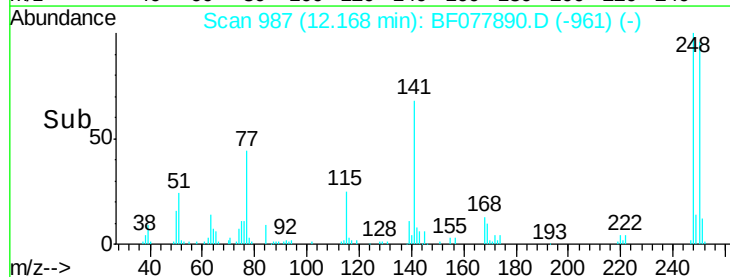
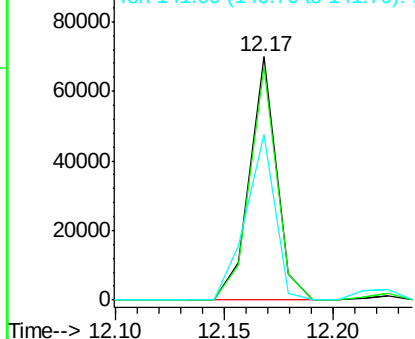


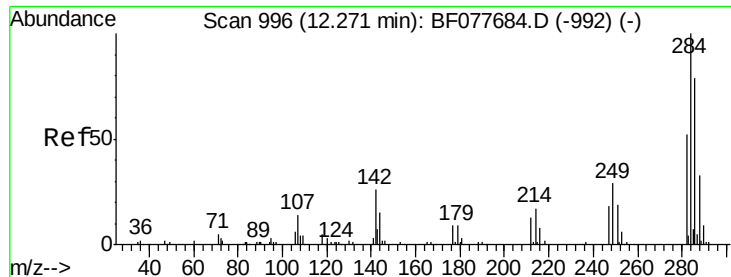
#66  
 4-Bromophenyl-phenylether  
 Concen: 37.88 ng  
 RT: 12.17 min Scan# 987  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion:248 Resp: 60473  
 Ion Ratio Lower Upper  
 248 100  
 250 96.1 77.4 116.0  
 141 67.9 45.2 67.8#



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

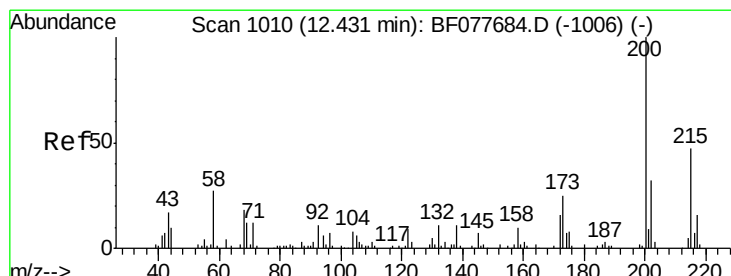
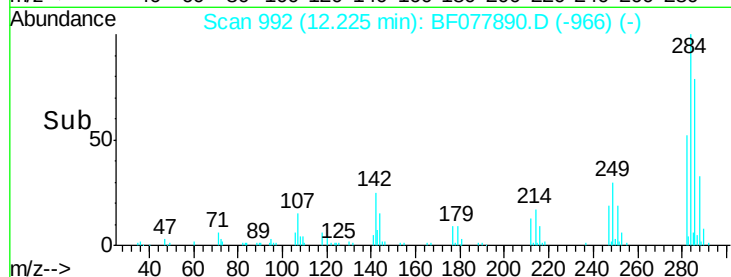
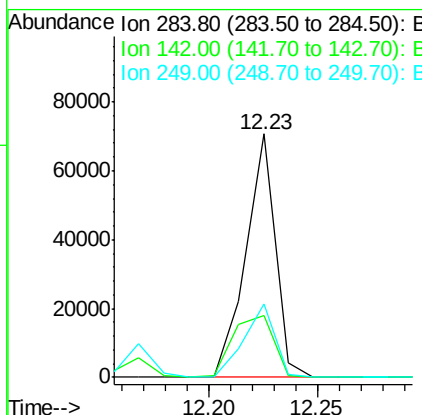
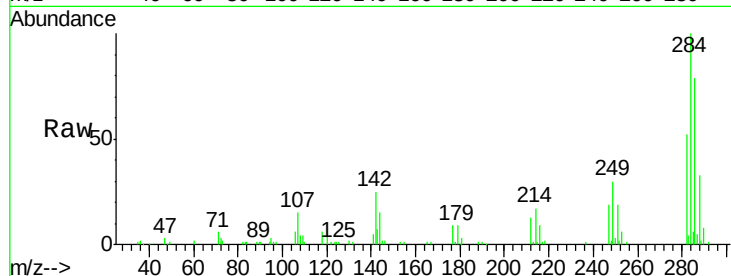




#67  
Hexachlorobenzene  
Concen: 37.98 ng  
RT: 12.23 min Scan# 992  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

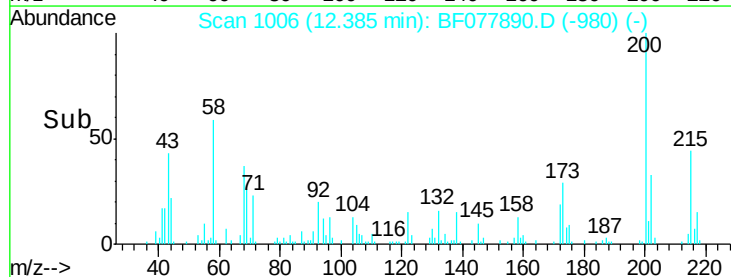
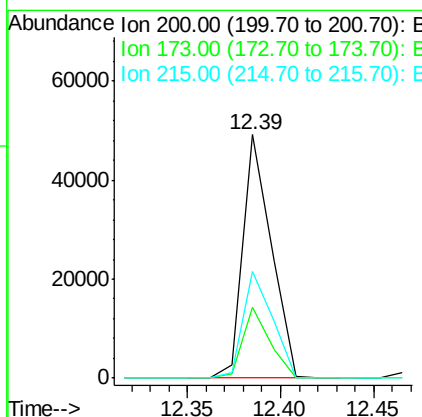
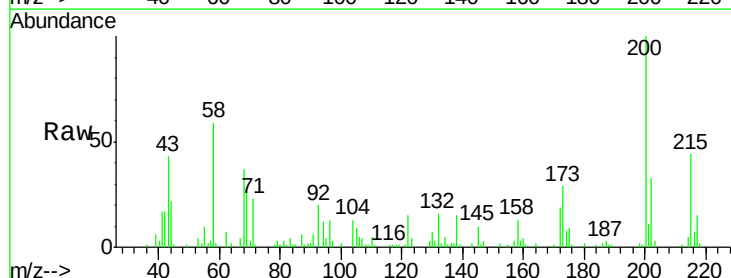
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

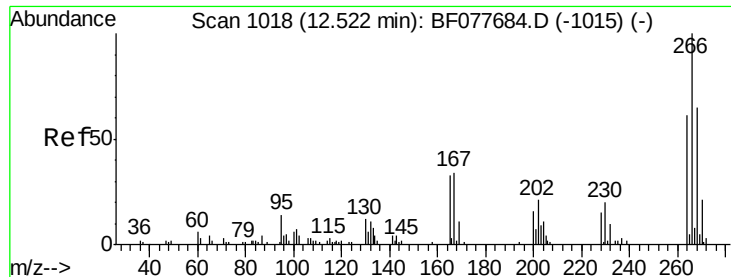
Tgt Ion:284 Resp: 66620  
Ion Ratio Lower Upper  
284 100  
142 25.4 20.4 30.6  
249 30.3 23.8 35.6



#68  
Atrazine  
Concen: 37.34 ng  
RT: 12.39 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Tgt Ion:200 Resp: 52115  
Ion Ratio Lower Upper  
200 100  
173 29.3 4.8 44.8  
215 43.7 26.9 66.9

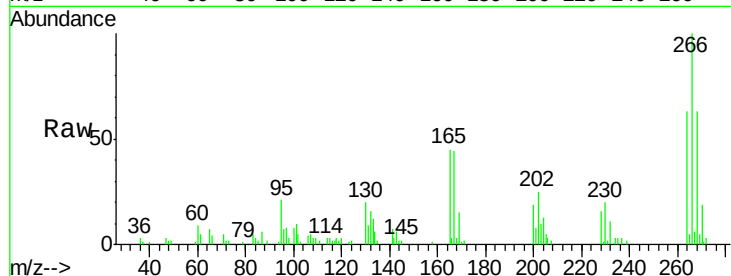




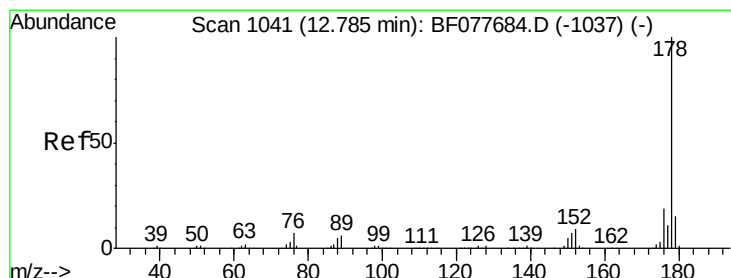
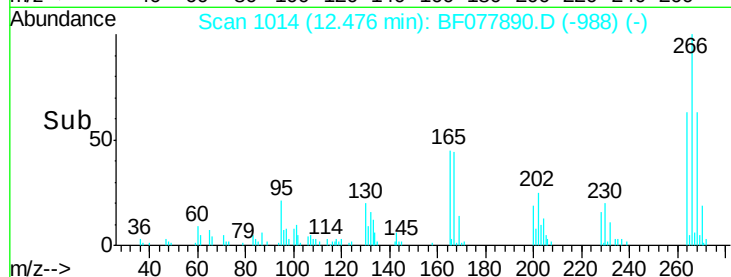
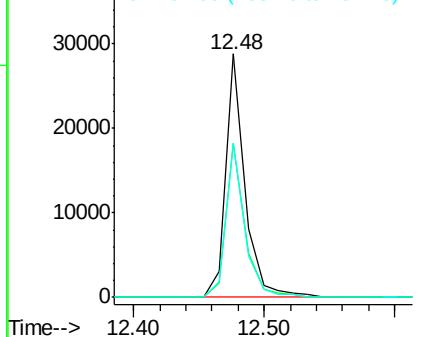
#69  
 Pentachlorophenol  
 Concen: 33.89 ng  
 RT: 12.48 min Scan# 1014  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.2  | 52.0  | 78.0  |
| 264     | 63.4  | 49.0  | 73.4  |

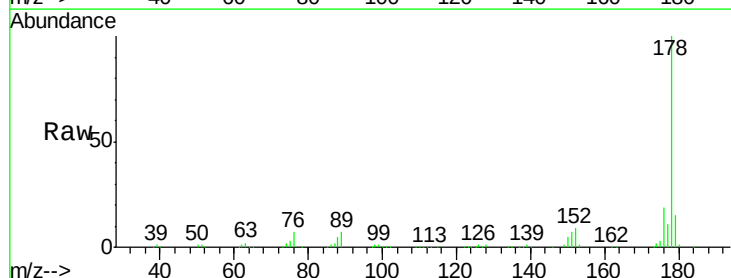


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

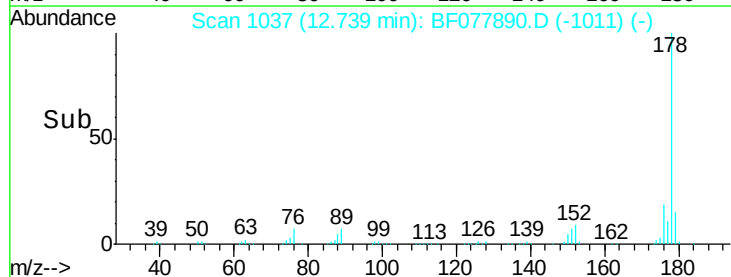
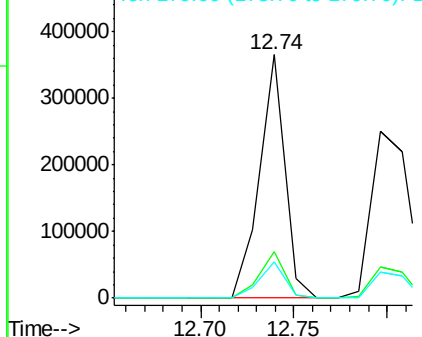


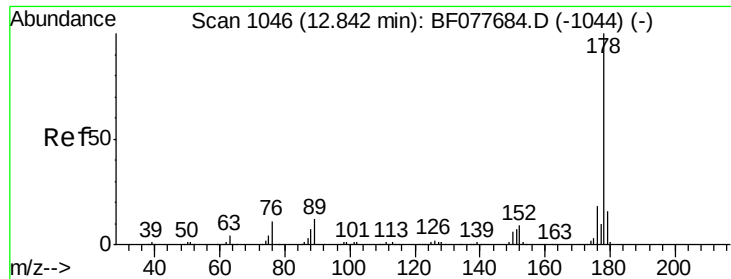
#70  
 Phenanthrene  
 Concen: 39.93 ng  
 RT: 12.74 min Scan# 1037  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.2  | 22.8  |
| 179     | 15.1  | 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

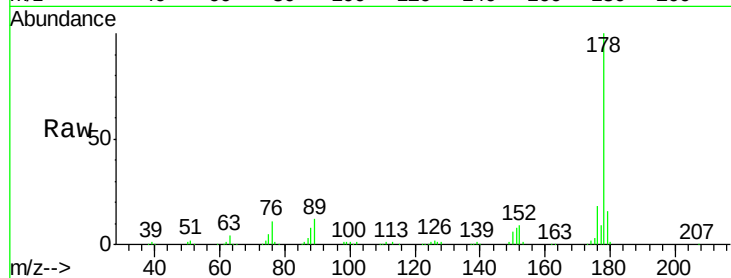




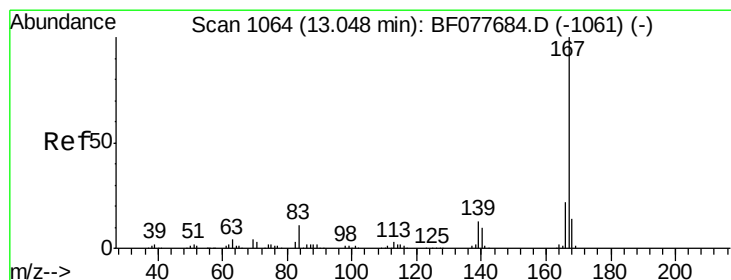
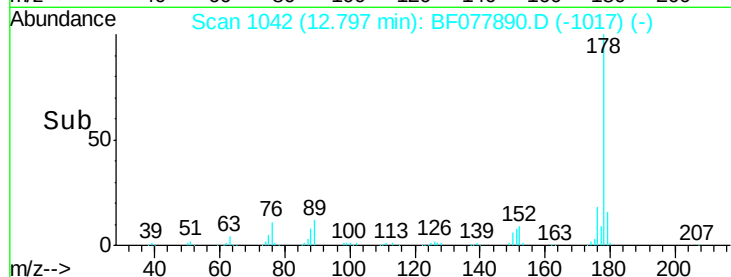
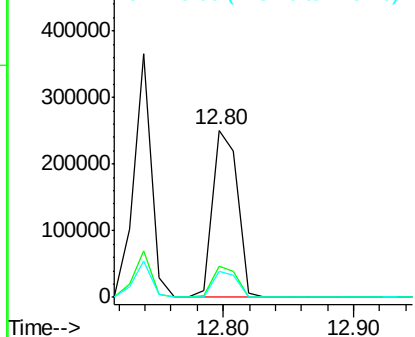
#71  
 Anthracene  
 Concen: 39.65 ng  
 RT: 12.80 min Scan# 1042  
 Delta R.T. -0.01 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:178 Resp: 336404  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 14.6 22.0  
 179 15.7 12.6 19.0

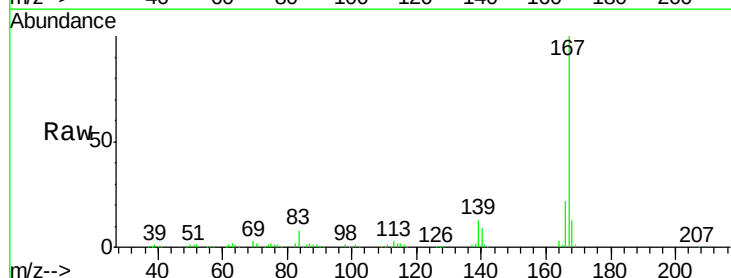


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

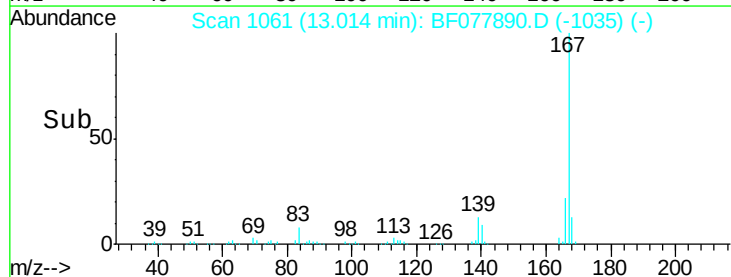
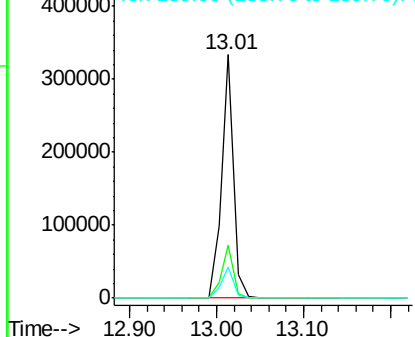


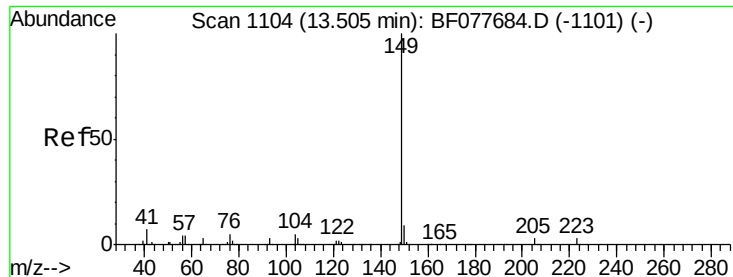
#72  
 Carbazole  
 Concen: 40.12 ng  
 RT: 13.01 min Scan# 1061  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion:167 Resp: 323756  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.2 25.8  
 139 12.5 10.8 16.2



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





#73

Di-n-butylphthalate

Concen: 39.62 ng

RT: 13.47 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

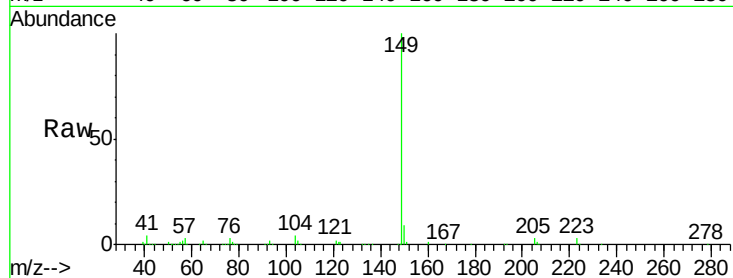
Tgt Ion:149 Resp: 358510

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

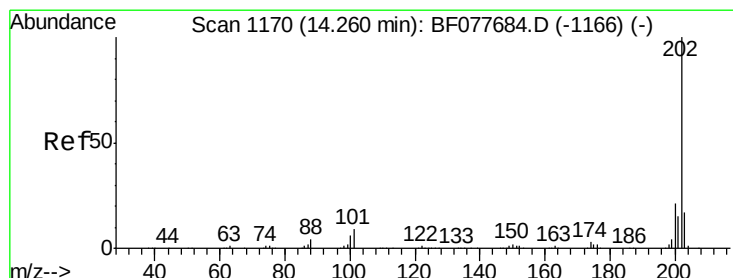
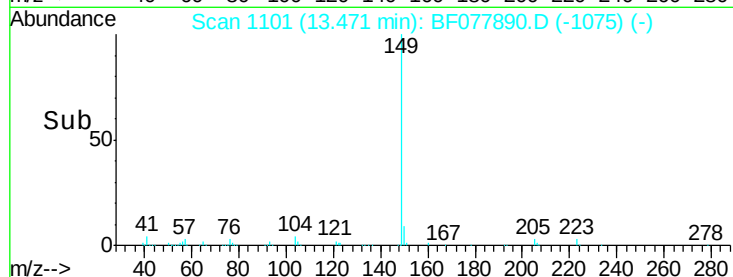
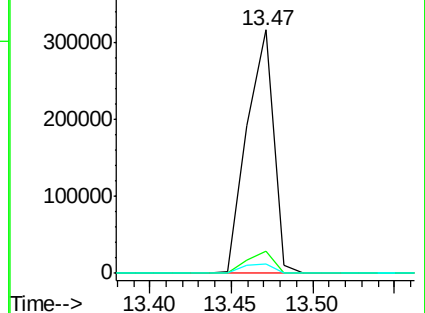
104 3.9 3.7 5.5



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: 40.77 ng

RT: 14.21 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

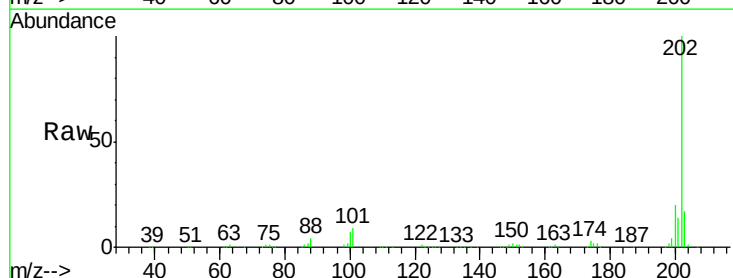
Tgt Ion:202 Resp: 386199

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.7

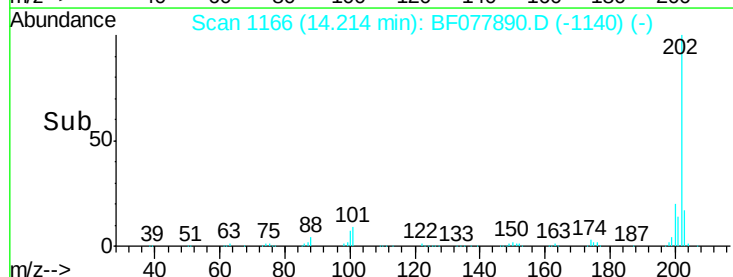
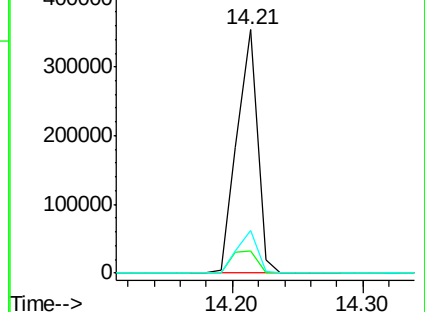
203 17.5 0.0 37.2



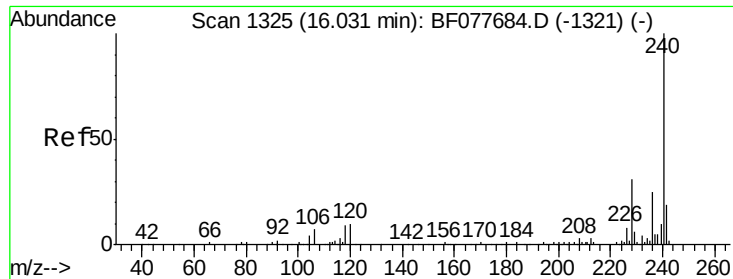
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



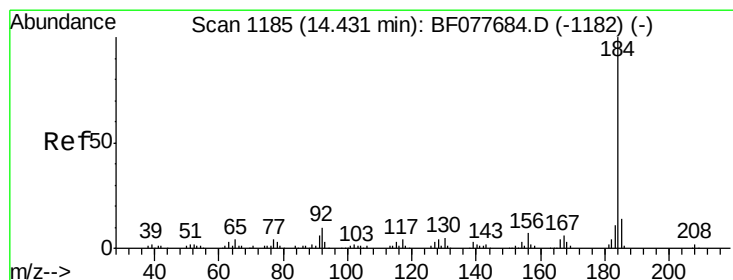
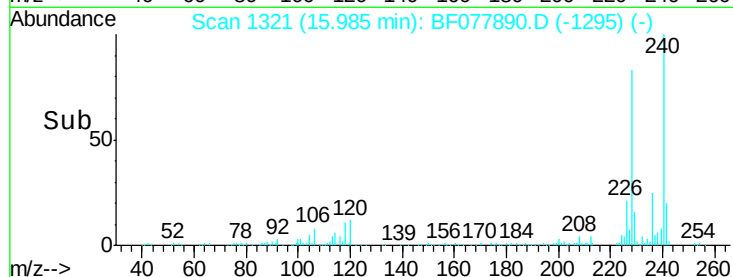
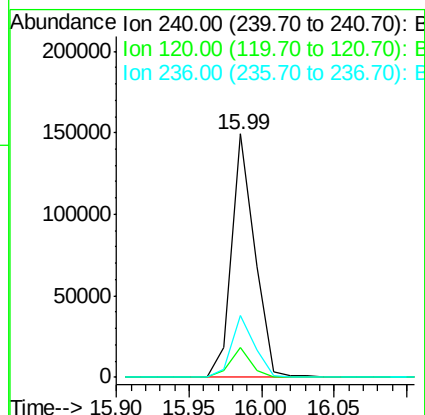
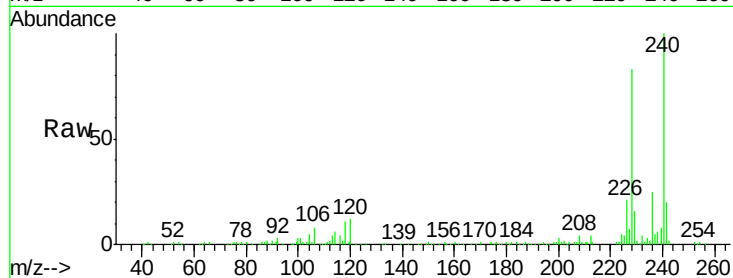




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 15.99 min Scan# 1321  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

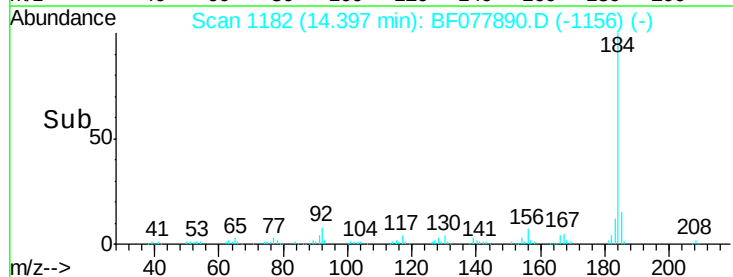
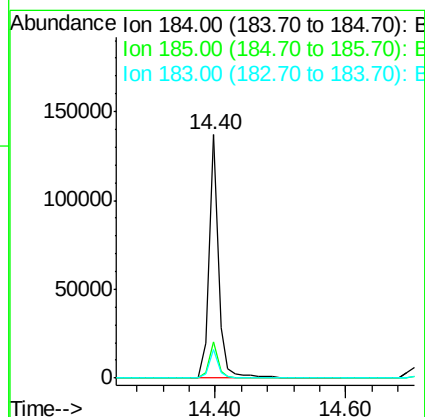
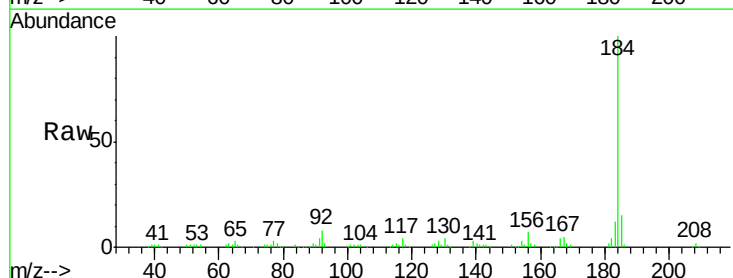
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

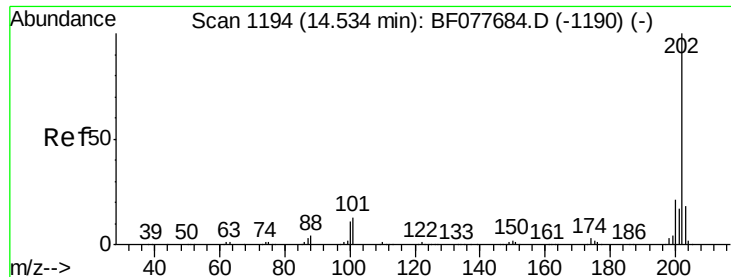
Tgt Ion:240 Resp: 165093  
 Ion Ratio Lower Upper  
 240 100  
 120 12.3 8.2 12.2#  
 236 25.3 20.0 30.0



#76  
 Benzidine  
 Concen: 33.66 ng  
 RT: 14.40 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion:184 Resp: 137781  
 Ion Ratio Lower Upper  
 184 100  
 185 14.9 11.3 16.9  
 183 11.7 8.9 13.3

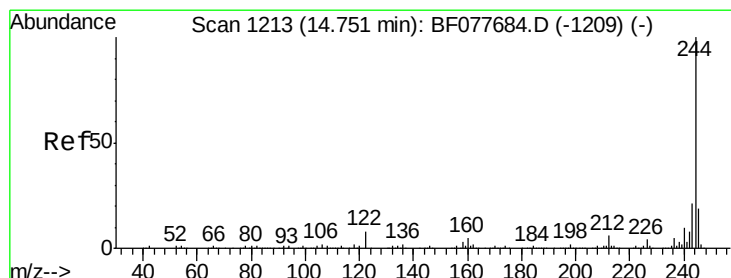
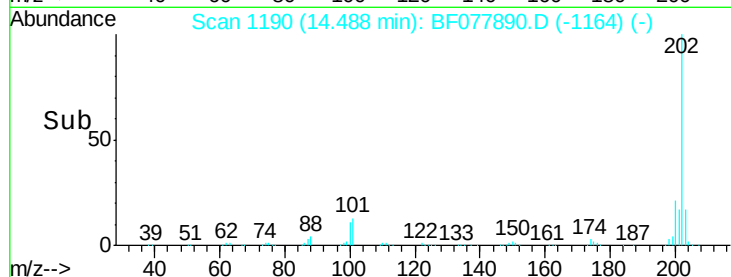
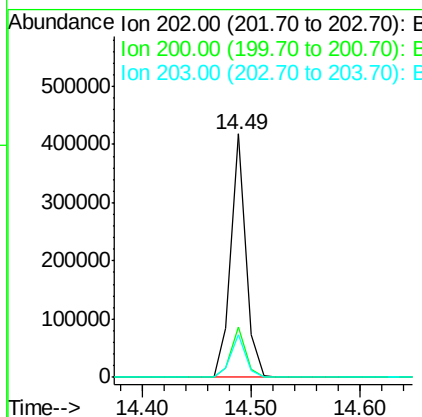
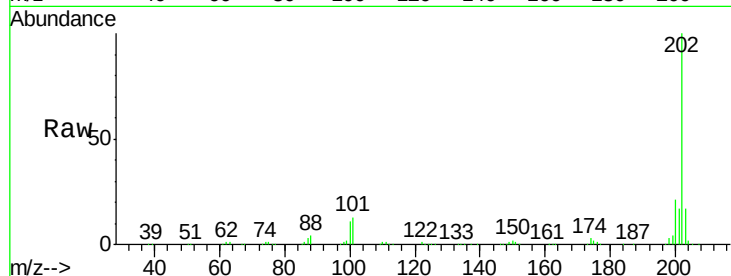




#77  
 Pyrene  
 Concen: 38.37 ng  
 RT: 14.49 min Scan# 1190  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

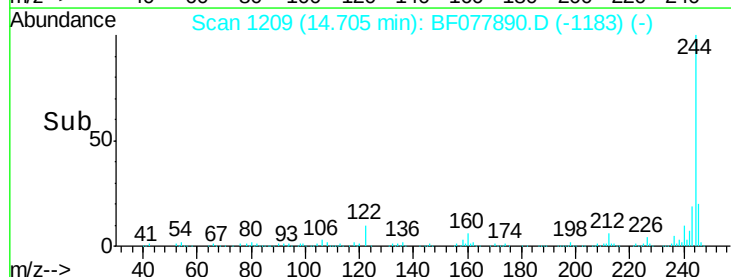
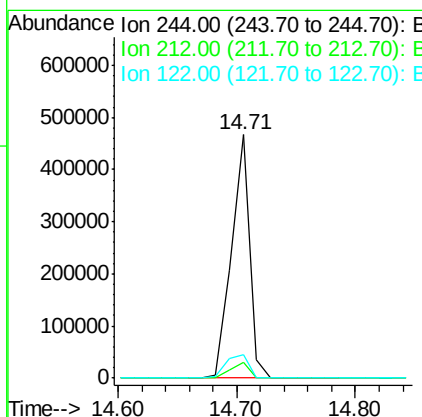
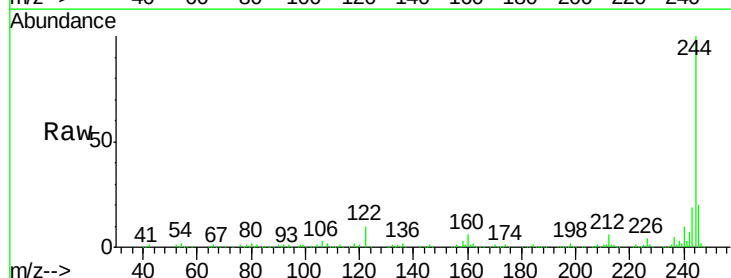
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

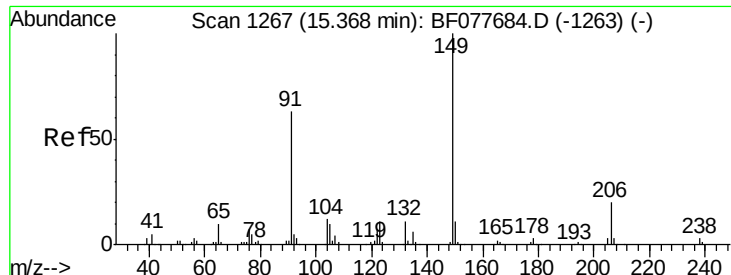
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.7  | 16.9  | 25.3  |
| 203     | 17.4  | 14.1  | 21.1  |



#78  
 Terphenyl-d14  
 Concen: 72.71 ng  
 RT: 14.71 min Scan# 1209  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.4   | 4.9   | 7.3   |
| 122     | 9.6   | 6.2   | 9.4   |

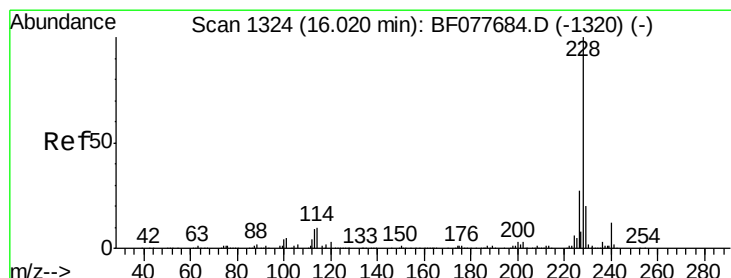
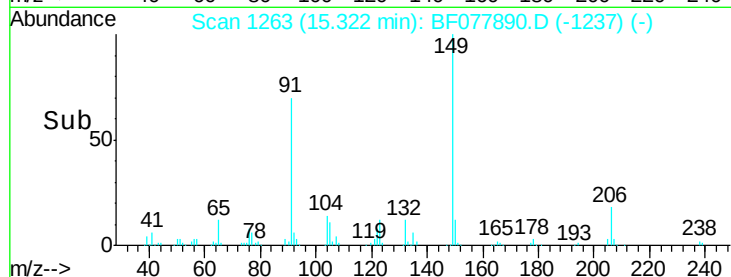
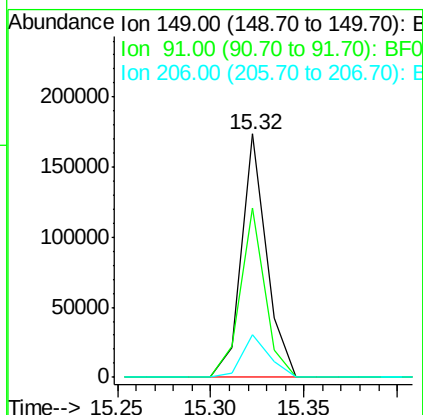
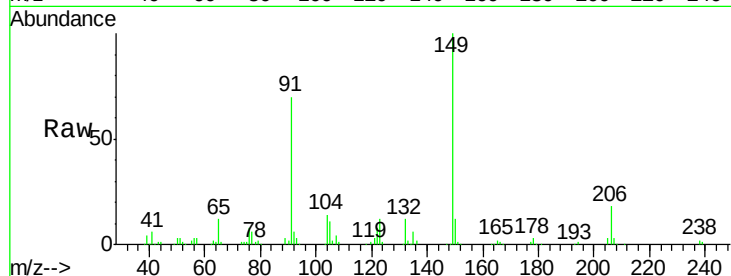




#79  
Butylbenzylphthalate  
Concen: 39.91 ng  
RT: 15.32 min Scan# 1263  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

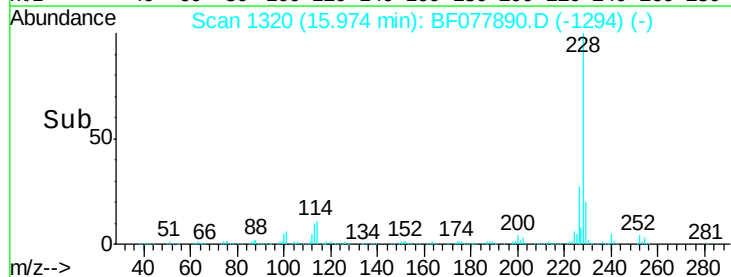
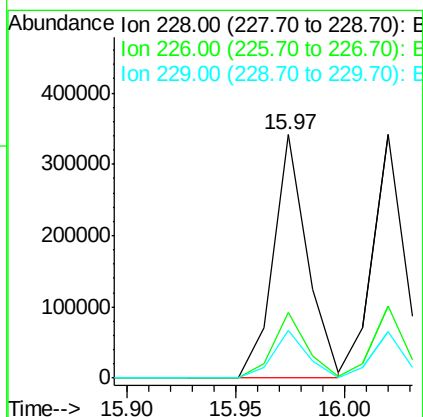
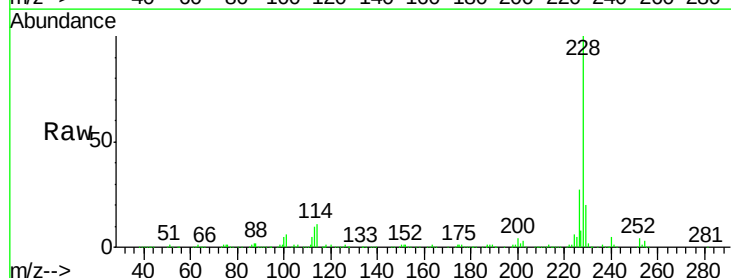
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

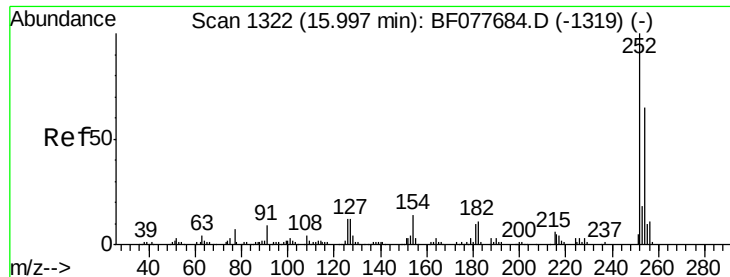
Tgt Ion:149 Resp: 163366  
Ion Ratio Lower Upper  
149 100  
91 69.8 50.1 75.1  
206 17.6 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 38.21 ng  
RT: 15.97 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Tgt Ion:228 Resp: 373977  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.7 32.5  
229 19.5 16.0 24.0

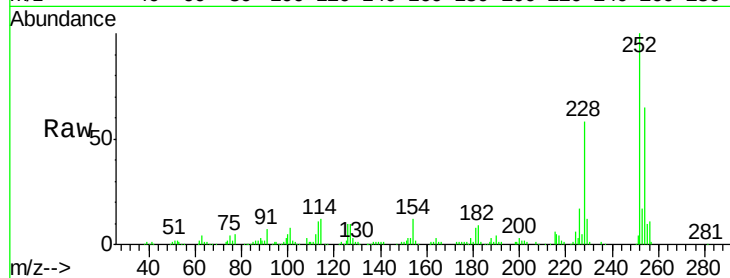




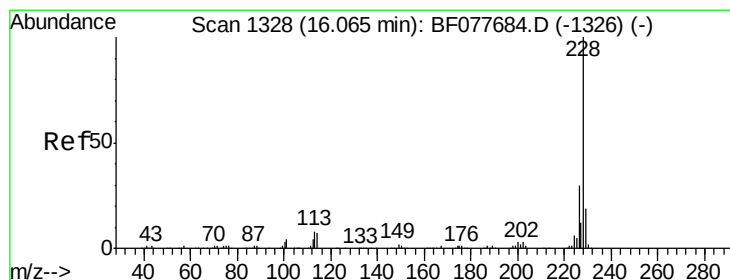
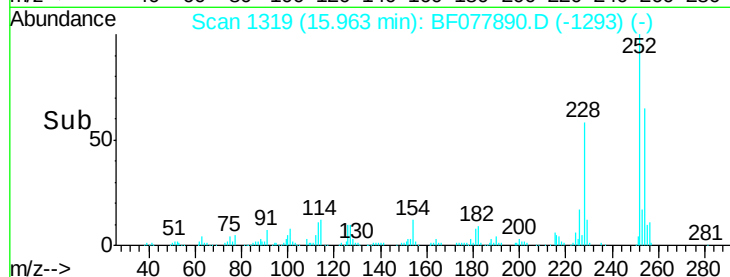
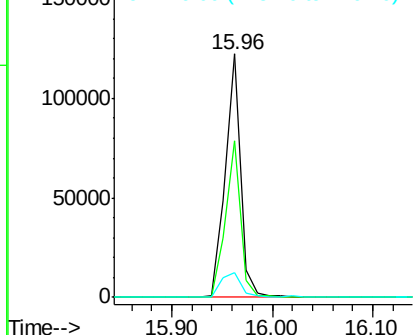
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.47 ng  
 RT: 15.96 min Scan# 1319  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:252 Resp: 130656  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 51.9 77.9  
 126 10.3 9.8 14.8

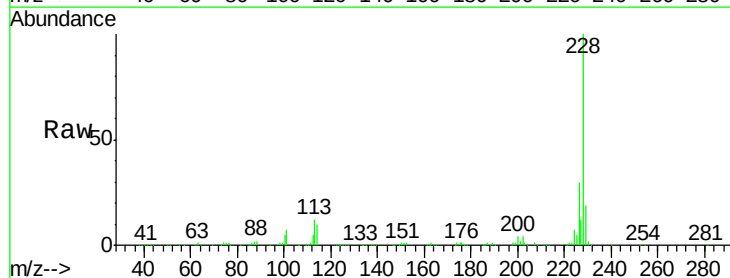


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

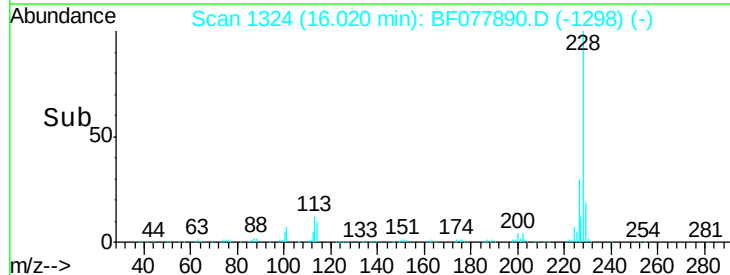
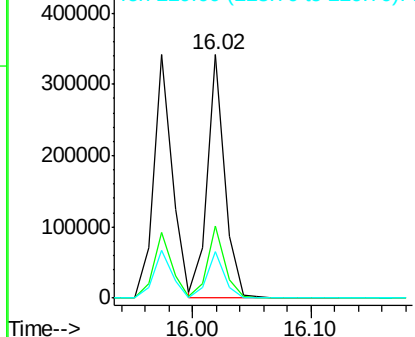


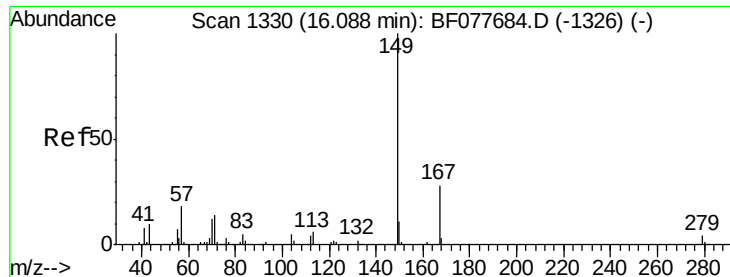
#82  
 Chrysene  
 Concen: 39.78 ng  
 RT: 16.02 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: BF077890.D  
 Acq: 21 Mar 2015 5:00

Tgt Ion:228 Resp: 350037  
 Ion Ratio Lower Upper  
 228 100  
 226 29.5 24.1 36.1  
 229 19.3 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.51 ng

RT: 16.04 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

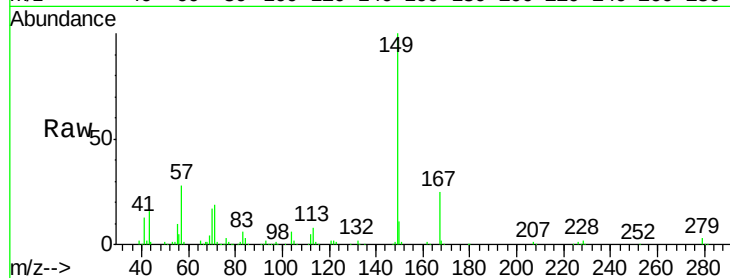
Tgt Ion:149 Resp: 244947

Ion Ratio Lower Upper

149 100

167 25.0 22.4 33.6

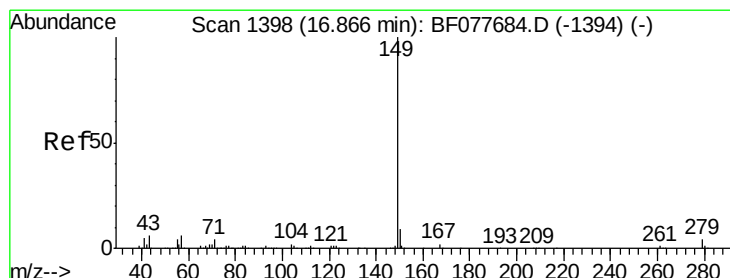
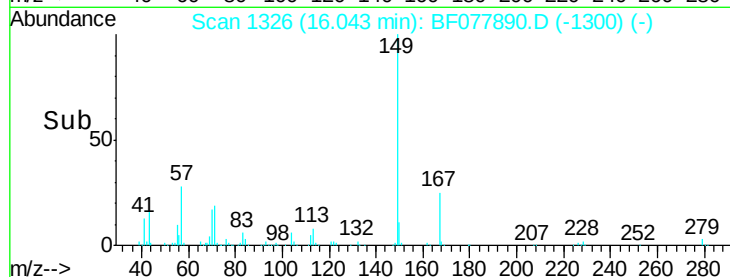
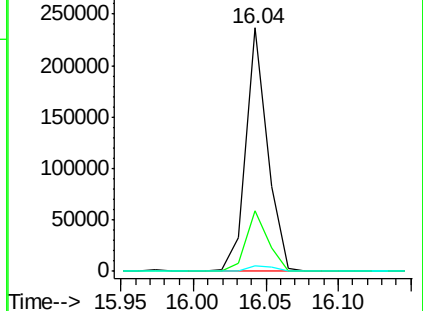
279 2.5 3.4 5.0#



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: 39.49 ng

RT: 16.83 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

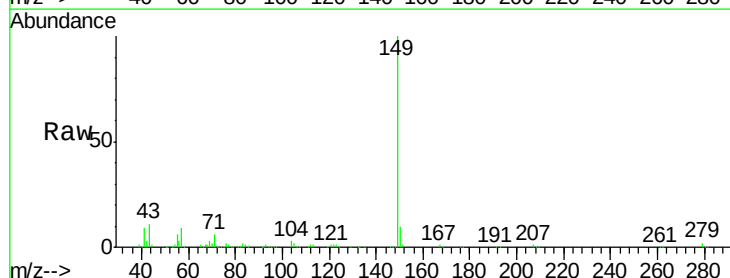
Tgt Ion:149 Resp: 418680

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

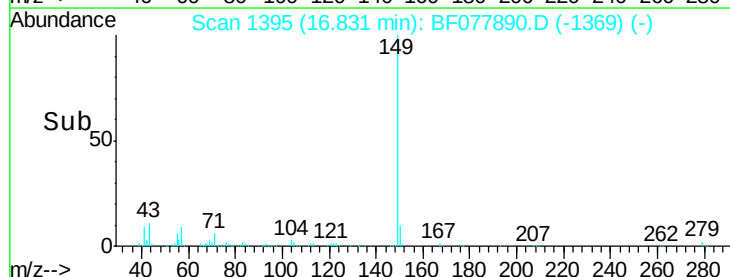
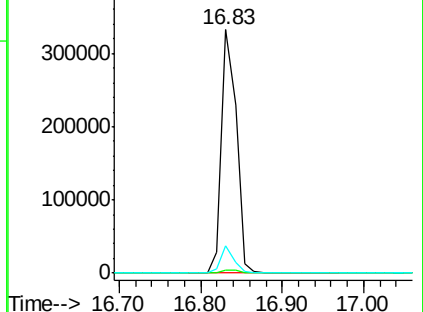
43 10.5 7.3 10.9

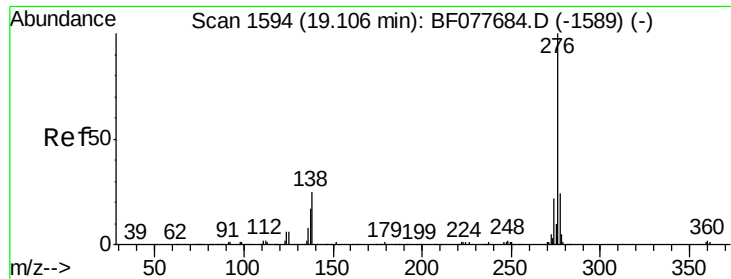


Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.88 ng

RT: 19.08 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

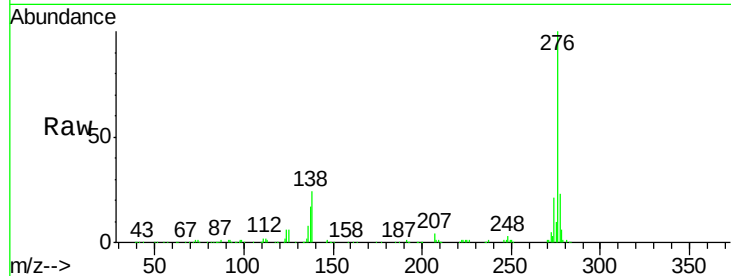
Tgt Ion:276 Resp: 448947

Ion Ratio Lower Upper

276 100

138 28.5 0.0 0.0#

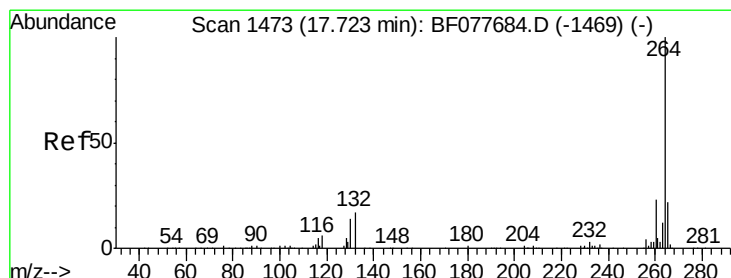
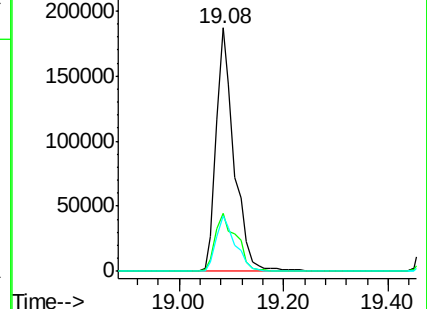
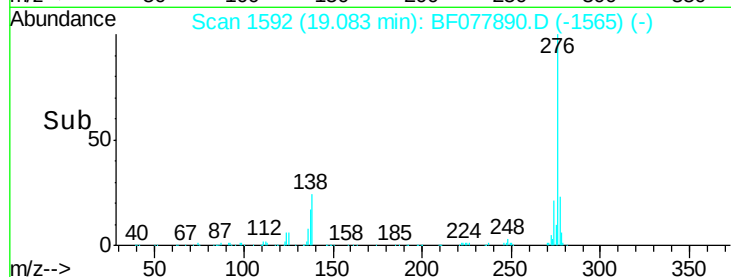
277 24.4 0.0 0.0#



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: 17.71 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

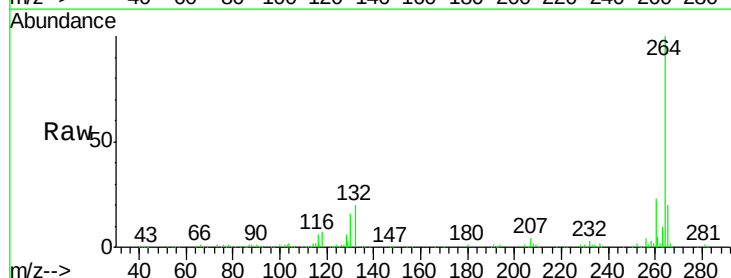
Tgt Ion:264 Resp: 161552

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

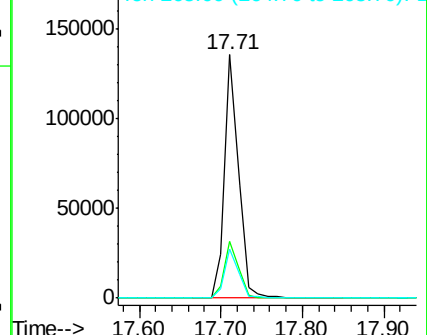
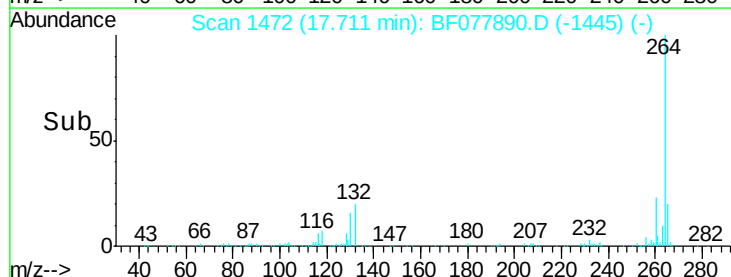
265 20.4 17.3 25.9

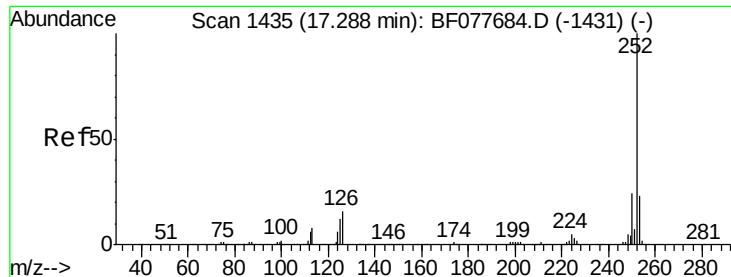


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

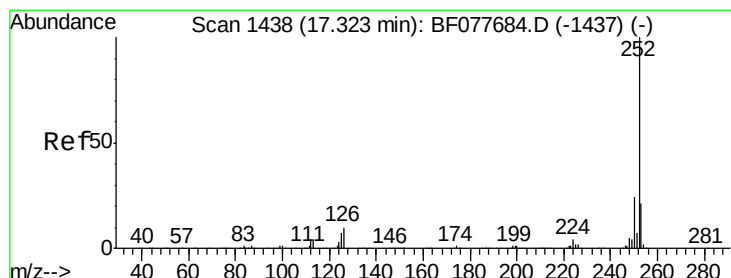
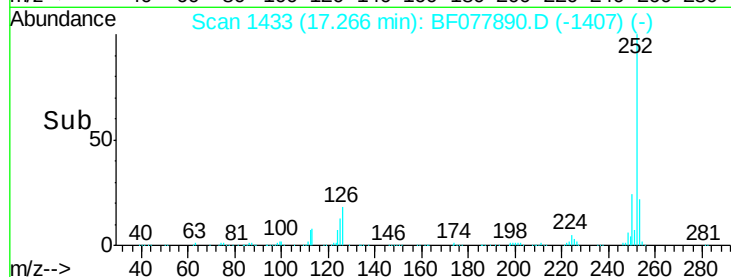
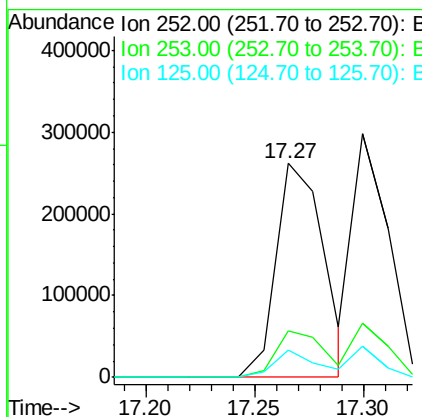
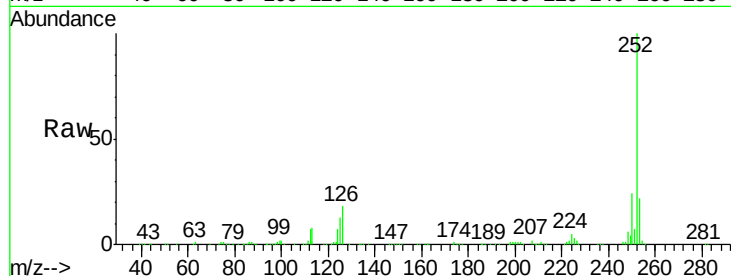




#87  
Benzo(b)fluoranthene  
Concen: 38.13 ng  
RT: 17.27 min Scan# 1433  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

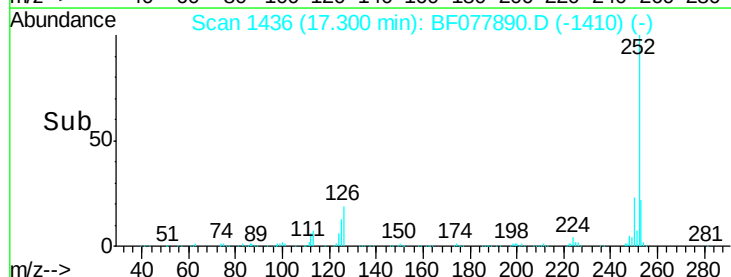
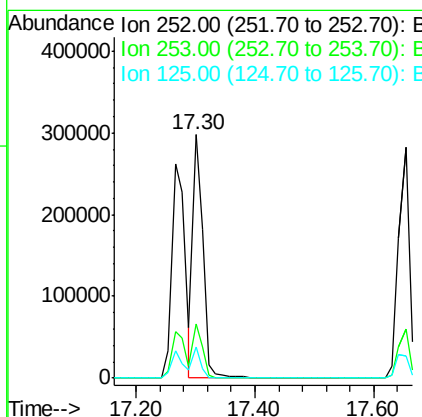
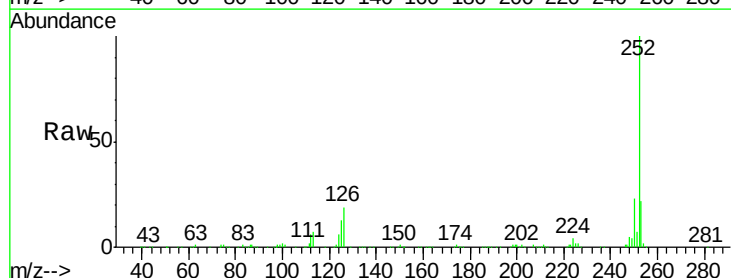
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

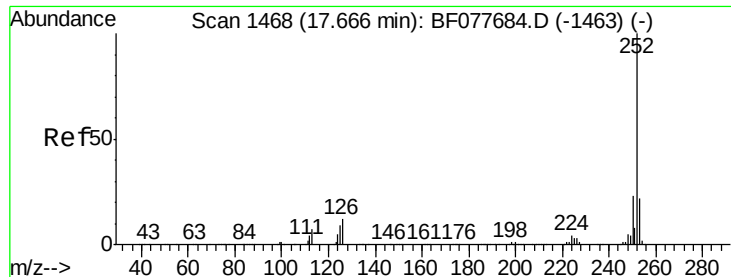
Tgt Ion: 252 Resp: 402099  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.0 27.0  
125 13.0 9.9 14.9



#88  
Benzo(k)fluoranthene  
Concen: 43.02 ng  
RT: 17.30 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: BF077890.D  
Acq: 21 Mar 2015 5:00

Tgt Ion: 252 Resp: 354359  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.2 25.8  
125 12.7 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 41.87 ng

RT: 17.65 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

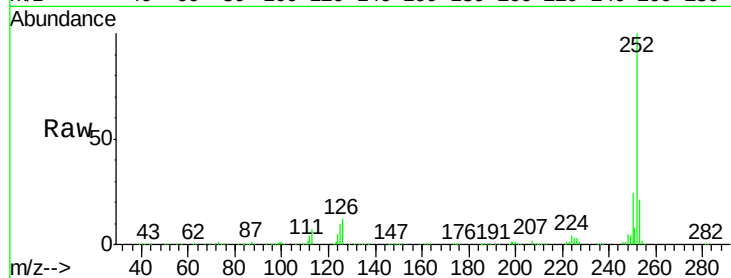
Tgt Ion:252 Resp: 368423

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

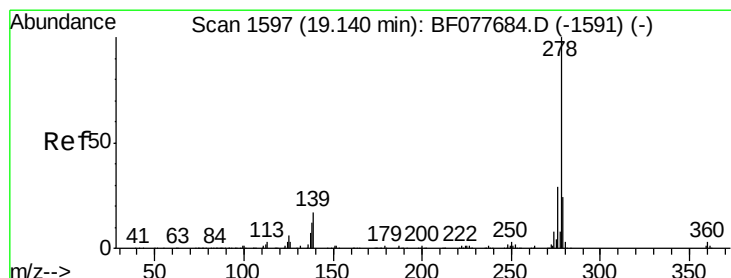
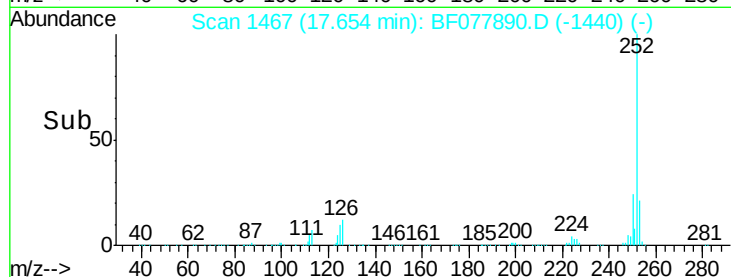
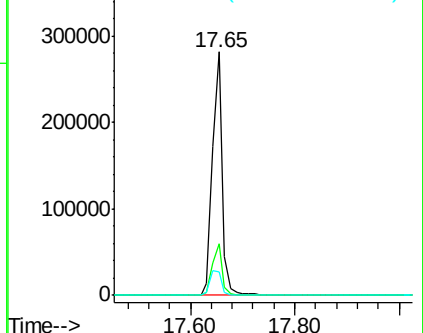
125 9.8 7.4 11.2



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: 41.88 ng

RT: 19.12 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BF077890.D

Acq: 21 Mar 2015 5:00

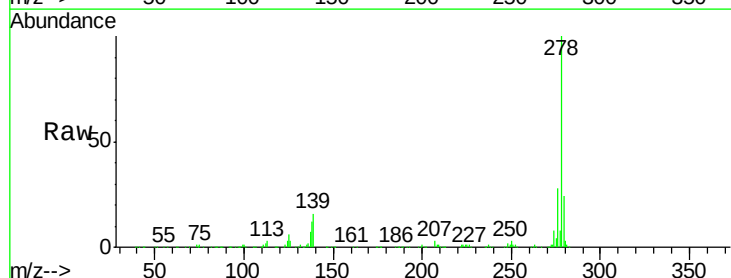
Tgt Ion:278 Resp: 365527

Ion Ratio Lower Upper

278 100

139 15.6 13.4 20.0

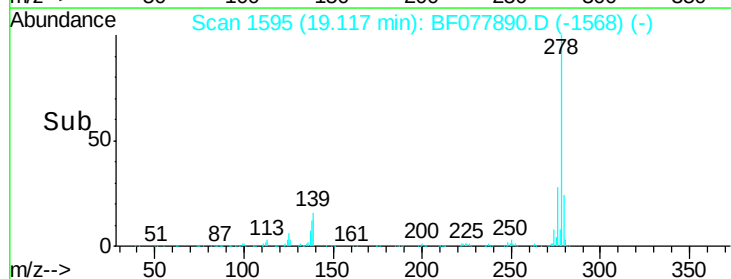
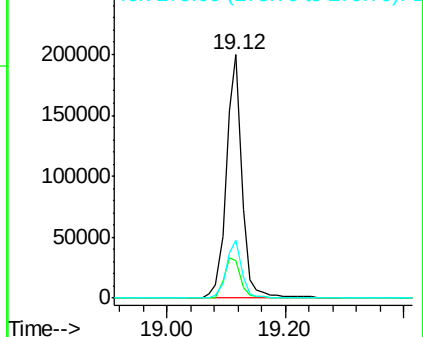
279 23.6 19.0 28.4



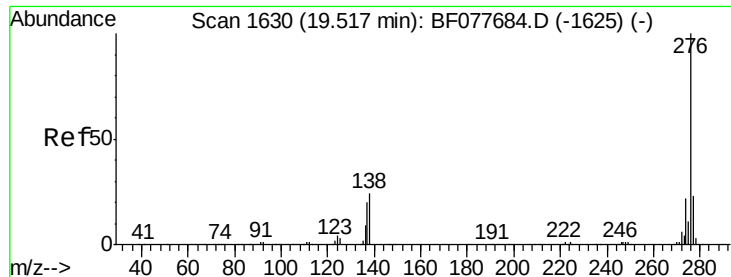
Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.02 ng

RT: 19.49 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BF077890.D

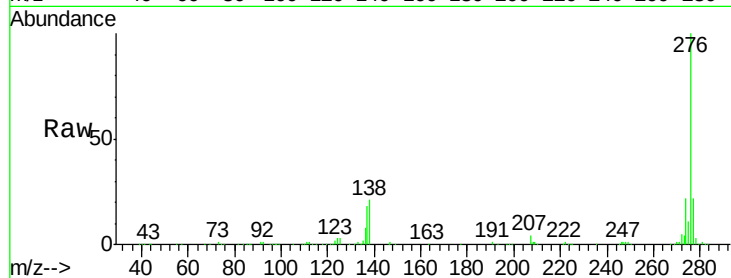
Acq: 21 Mar 2015 5:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 373350 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 22.4  | 18.5  | 27.7   |
| 138      | 20.8  | 19.0  | 28.6   |

