

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031015\  
 Data File : BF077679.D  
 Acq On : 10 Mar 2015 23:51  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Mar 11 00:25:27 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 11 00:54:19 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.18  | 152  | 47722    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.76  | 136  | 200538   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.93 | 164  | 101461   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.77 | 188  | 227251   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.05 | 240  | 224954   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 17.75 | 264  | 221780   | 20.00 | ng    | -0.16    |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 239544 | 83.80 | ng | 0.00 |
| 7) Phenol-d6             | 6.75  | 99  | 286301 | 77.90 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.88  | 82  | 257945 | 79.99 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.91 | 330 | 42915  | 43.93 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 10.11 | 172 | 558289 | 85.80 | ng | 0.00 |
| 78) Terphenyl-d14        | 14.77 | 244 | 660662 | 68.66 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.08  | 88  | 51579  | 42.52 | ng | 92     |
| 3) Pyridine                    | 2.80  | 79  | 166294 | 47.92 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 2.71  | 42  | 68096  | 45.13 | ng | 87     |
| 6) Aniline                     | 6.77  | 93  | 200333 | 39.44 | ng | # 73   |
| 8) 2-Chlorophenol              | 6.92  | 128 | 133374 | 39.55 | ng | 84     |
| 9) Benzaldehyde                | 6.63  | 77  | 104120 | 46.66 | ng | 93     |
| 10) Phenol                     | 6.77  | 94  | 165756 | 38.01 | ng | # 32   |
| 11) bis(2-Chloroethyl)ether    | 6.88  | 93  | 124048 | 39.59 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.11  | 146 | 143380 | 39.05 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.21  | 146 | 147716 | 39.54 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.39  | 146 | 141208 | 39.74 | ng | 99     |
| 15) Benzyl Alcohol             | 7.37  | 79  | 105768 | 37.86 | ng | # 87   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.55  | 45  | 158726 | 35.43 | ng | 100    |
| 17) 2-Methylphenol             | 7.52  | 107 | 102632 | 38.94 | ng | 97     |
| 18) Hexachloroethane           | 7.81  | 117 | 47484  | 38.06 | ng | # 78   |
| 19) n-Nitroso-di-n-propylamine | 7.70  | 70  | 87791  | 37.61 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.71  | 107 | 135609 | 39.06 | ng | # 73   |
| 22) Acetophenone               | 7.70  | 105 | 183334 | 38.86 | ng | # 82   |
| 24) Nitrobenzene               | 7.90  | 77  | 131501 | 38.76 | ng | 98     |
| 25) Isophorone                 | 8.20  | 82  | 240983 | 37.67 | ng | 97     |
| 26) 2-Nitrophenol              | 8.29  | 139 | 55721  | 40.07 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 8.36  | 122 | 120048 | 38.58 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.48  | 93  | 148223 | 36.67 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.59  | 162 | 117004 | 40.06 | ng | 89     |
| 30) 1,2,4-Trichlorobenzene     | 8.69  | 180 | 118871 | 37.02 | ng | 98     |
| 31) Naphthalene                | 8.79  | 128 | 377500 | 37.64 | ng | 99     |
| 33) 4-Chloroaniline            | 8.86  | 127 | 173537 | 38.92 | ng | # 94   |
| 34) Hexachlorobutadiene        | 8.94  | 225 | 66008  | 36.01 | ng | 99     |
| 35) Caprolactam                | 9.29  | 113 | 34411  | 38.60 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 9.47  | 107 | 115076 | 39.19 | ng | 95     |
| 37) 2-Methylnaphthalene        | 9.65  | 142 | 258079 | 36.24 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.85  | 216 | 118304 | 40.64 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.84  | 237 | 30948  | 19.83 | ng | 98     |
| 42) 2,4,6-Trichlorophenol      | 10.00 | 196 | 68047  | 35.30 | ng | 100    |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031015\  
 Data File : BF077679.D  
 Acq On : 10 Mar 2015 23:51  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040EC

Quant Time: Mar 11 00:25:27 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 11 00:54:19 2015  
 Response via : Initial Calibration

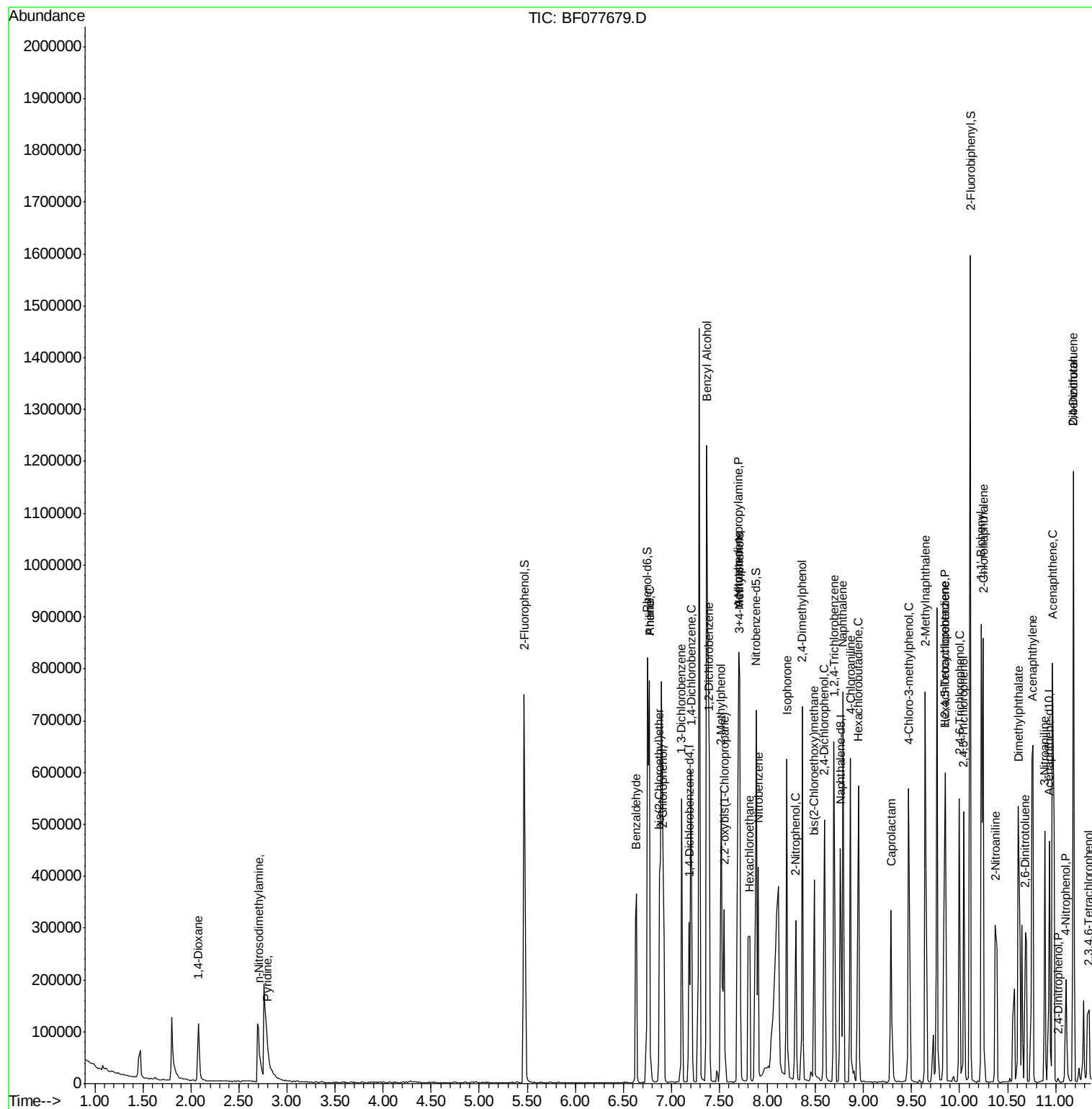
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 43) 2,4,5-Trichlorophenol      | 10.05 | 196  | 89912    | 43.61 | ng    | # 88     |
| 45) 1,1'-Biphenyl              | 10.23 | 154  | 311003   | 40.46 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 10.25 | 162  | 254946   | 42.29 | ng    | 97       |
| 47) 2-Nitroaniline             | 10.38 | 65   | 68106    | 45.89 | ng    | 97       |
| 48) Acenaphthylene             | 10.76 | 152  | 400719   | 41.99 | ng    | 99       |
| 49) Dimethylphthalate          | 10.62 | 163  | 272884   | 38.26 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 10.69 | 165  | 62828    | 43.93 | ng    | 97       |
| 51) Acenaphthene               | 10.97 | 154  | 230475   | 40.47 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.89 | 138  | 74866    | 45.40 | ng    | 99       |
| 53) 2,4-Dinitrophenol          | 11.03 | 184  | 1094     | 2.51  | ng    | # 54     |
| 54) Dibenzofuran               | 11.19 | 168  | 352880   | 40.13 | ng    | 99       |
| 55) 4-Nitrophenol              | 11.11 | 139  | 37418    | 28.21 | ng    | # 72     |
| 56) 2,4-Dinitrotoluene         | 11.18 | 165  | 81917    | 42.39 | ng    | # 88     |
| 57) Fluorene                   | 11.61 | 166  | 289039   | 41.11 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.34 | 232  | 29318    | 17.69 | ng    | 98       |
| 59) Diethylphthalate           | 11.49 | 149  | 281140   | 39.98 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 11.62 | 204  | 133076   | 39.29 | ng    | 92       |
| 61) 4-Nitroaniline             | 11.64 | 138  | 81318    | 51.45 | ng    | 90       |
| 62) Azobenzene                 | 11.82 | 77   | 258015   | 38.68 | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 11.68 | 198  | 2981     | 6.75  | ng    | 90       |
| 65) n-Nitrosodiphenylamine     | 11.77 | 169  | 249692   | 33.11 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.23 | 248  | 89654    | 33.69 | ng    | 94       |
| 67) Hexachlorobenzene          | 12.28 | 284  | 98095    | 34.34 | ng    | 98       |
| 68) Atrazine                   | 12.44 | 200  | 82221    | 33.54 | ng    | 98       |
| 69) Pentachlorophenol          | 12.54 | 266  | 7939     | 5.29  | ng    | 99       |
| 70) Phenanthrene               | 12.80 | 178  | 480100   | 36.45 | ng    | 100      |
| 71) Anthracene                 | 12.86 | 178  | 491037   | 37.57 | ng    | 98       |
| 72) Carbazole                  | 13.07 | 167  | 482198   | 38.80 | ng    | 100      |
| 73) Di-n-butylphthalate        | 13.53 | 149  | 531139   | 36.39 | ng    | 97       |
| 74) Fluoranthene               | 14.27 | 202  | 490848   | 34.12 | ng    | 98       |
| 76) Benzidine                  | 14.46 | 184  | 379715   | 49.96 | ng    | 99       |
| 77) Pyrene                     | 14.55 | 202  | 523493   | 38.04 | ng    | 99       |
| 79) Butylbenzylphthalate       | 15.38 | 149  | 216314   | 38.21 | ng    | # 84     |
| 80) Benzo(a)anthracene         | 16.04 | 228  | 496182   | 37.63 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 16.02 | 252  | 180326   | 37.33 | ng    | # 97     |
| 82) Chrysene                   | 16.08 | 228  | 470262   | 37.99 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 16.10 | 149  | 310573   | 34.21 | ng    | # 95     |
| 84) Di-n-octyl phthalate       | 16.88 | 149  | 529656   | 34.95 | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 17.32 | 252  | 542121   | 42.04 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 17.32 | 252  | 542121   | 42.89 | ng    | 99       |
| 89) Benzo(a)pyrene             | 17.69 | 252  | 480073   | 39.08 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 19.18 | 278  | 462534   | 39.48 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 19.56 | 276  | 465400   | 39.36 | ng    | 96       |
| -----                          |       |      |          |       |       |          |

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

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031015\  
Data File : BF077679.D  
Acq On : 10 Mar 2015 23:51  
Operator : TP/IZ  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

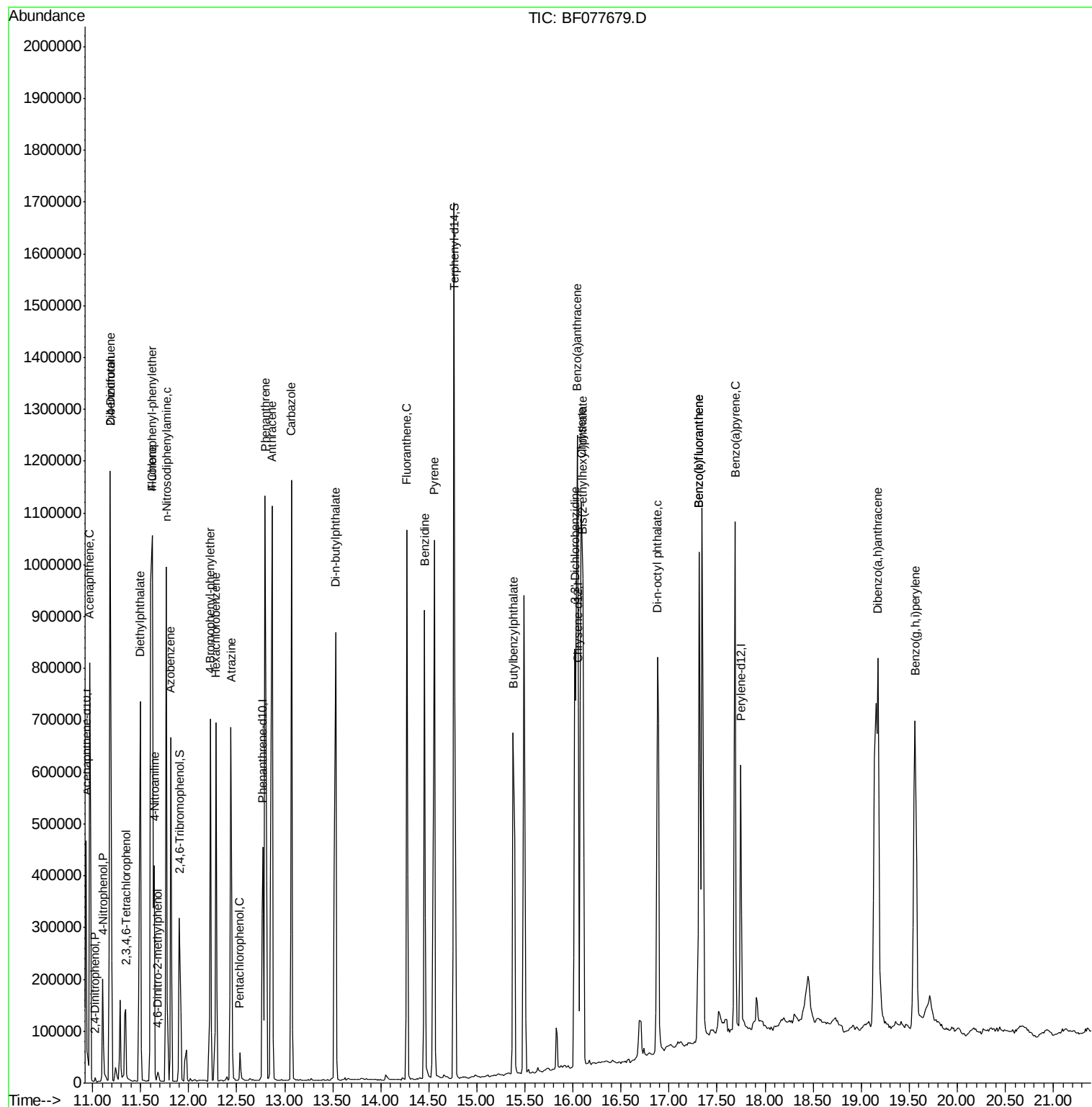
Quant Time: Mar 11 00:25:27 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 11 00:54:19 2015  
Response via : Initial Calibration

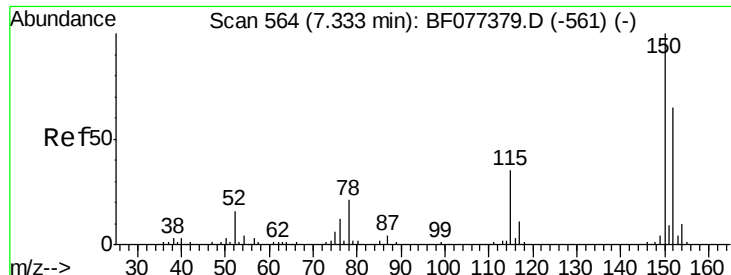


Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031015\  
Data File : BF077679.D  
Acq On : 10 Mar 2015 23:51  
Operator : TP/IZ  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Quant Time: Mar 11 00:25:27 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 11 00:54:19 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

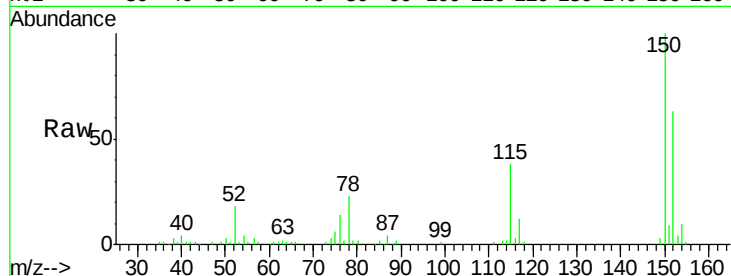
Tgt Ion:152 Resp: 47722

Ion Ratio Lower Upper

152 100

150 159.3 124.0 186.0

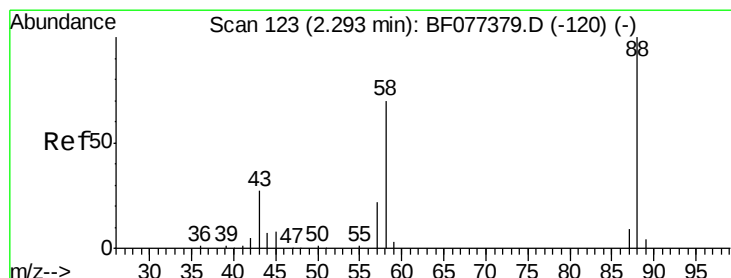
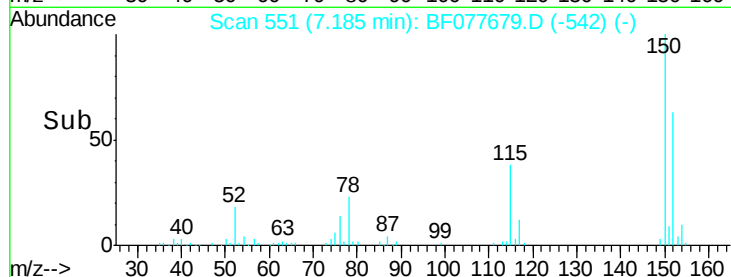
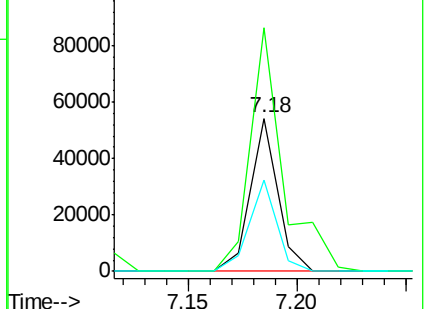
115 59.8 49.4 74.2



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: 42.52 ng

RT: 2.08 min Scan# 105

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

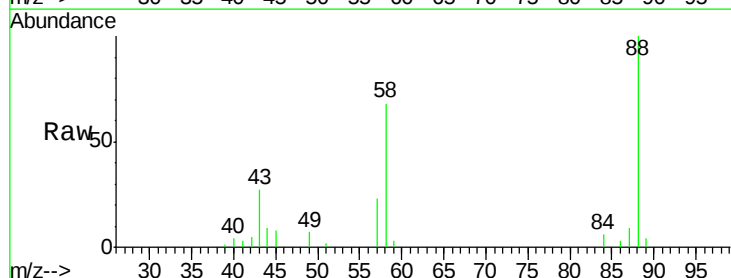
Tgt Ion: 88 Resp: 51579

Ion Ratio Lower Upper

88 100

58 70.7 62.1 93.1

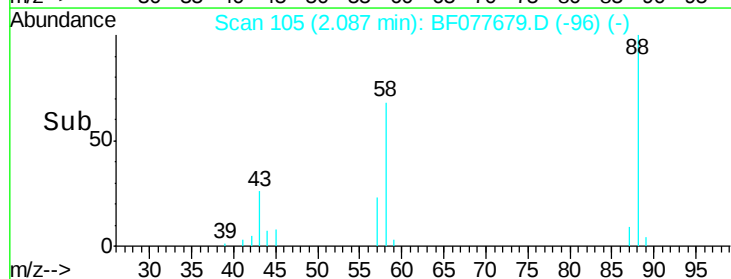
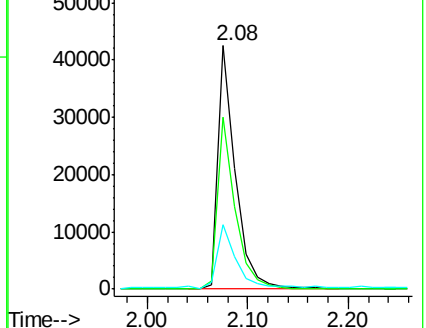
43 26.3 24.0 36.0

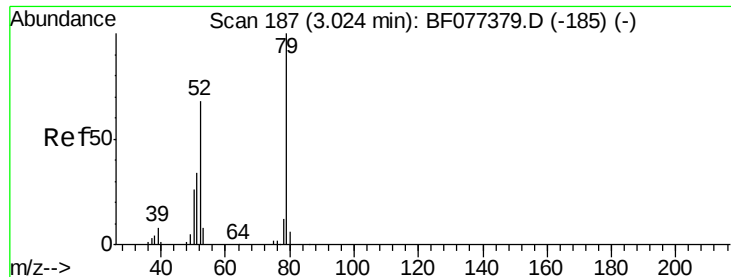


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 47.92 ng

RT: 2.80 min Scan# 167

Delta R.T. -0.01 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

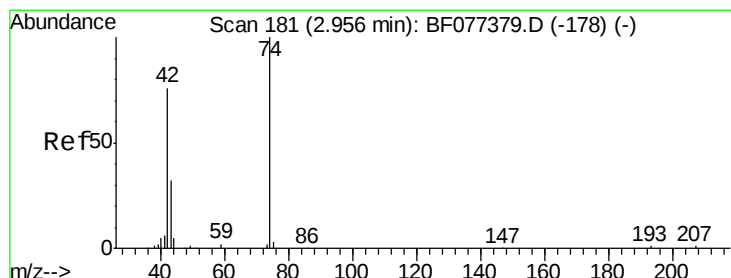
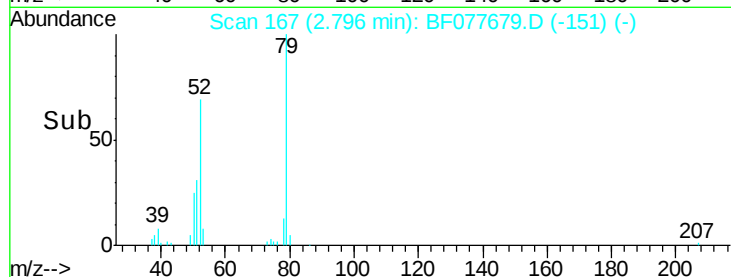
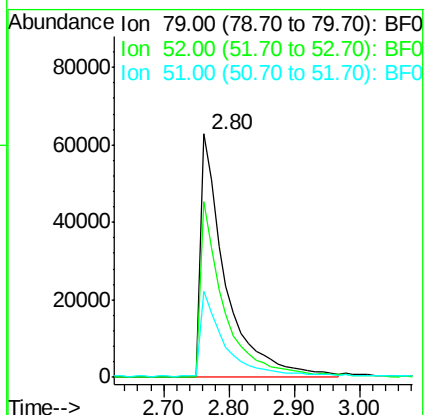
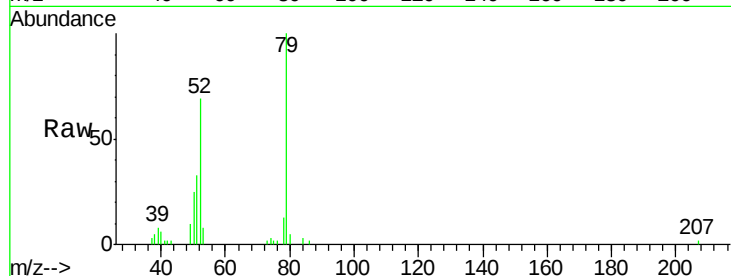
Tgt Ion: 79 Resp: 166294

Ion Ratio Lower Upper

79 100

52 68.9 57.7 86.5

51 32.5 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 45.13 ng

RT: 2.71 min Scan# 159

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

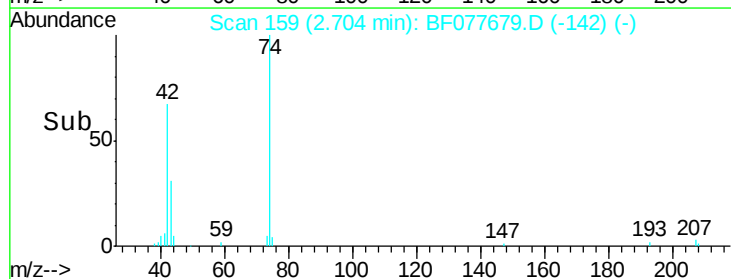
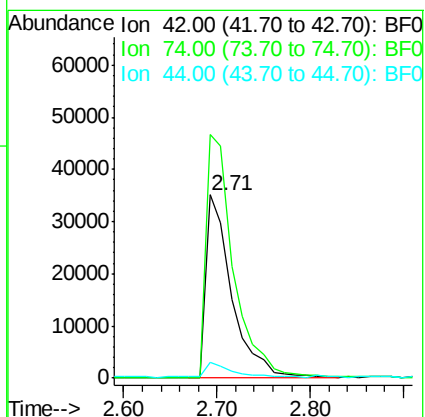
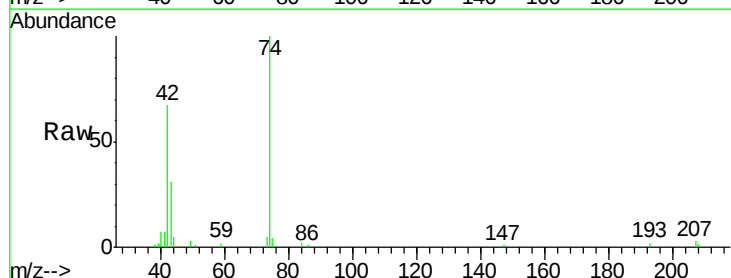
Tgt Ion: 42 Resp: 68096

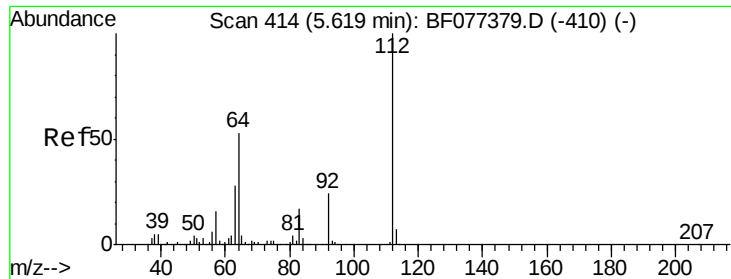
Ion Ratio Lower Upper

42 100

74 150.2 107.1 160.7

44 7.8 6.7 10.1





#5

2-Fluorophenol

Concen: 83.80 ng

RT: 5.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

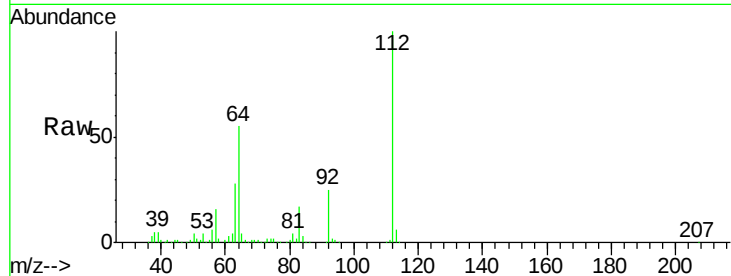
Tgt Ion:112 Resp: 239544

Ion Ratio Lower Upper

112 100

64 54.7 48.5 72.7

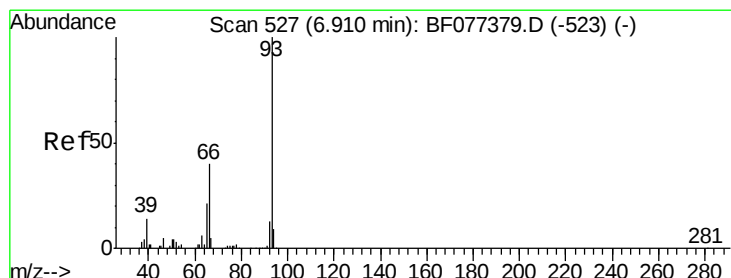
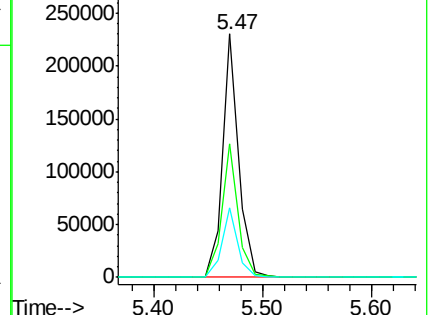
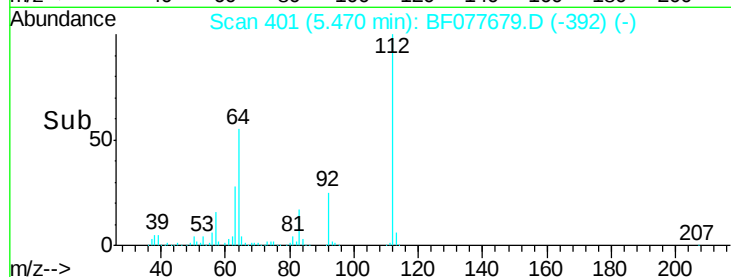
63 28.3 25.0 37.4



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: 39.44 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

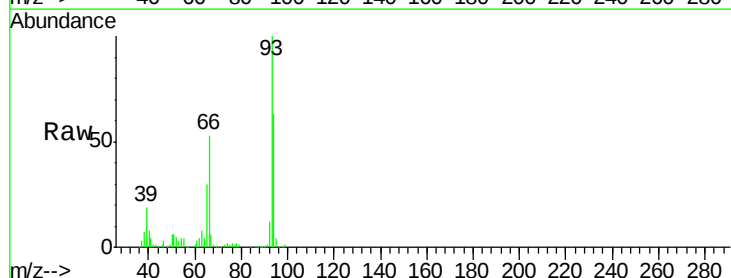
Tgt Ion: 93 Resp: 200333

Ion Ratio Lower Upper

93 100

66 52.9 29.1 43.7#

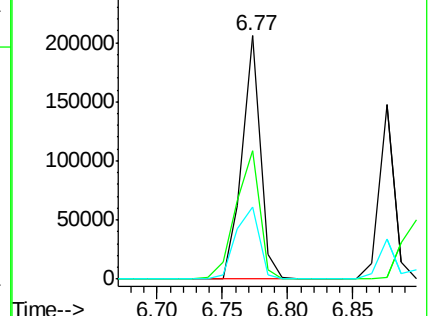
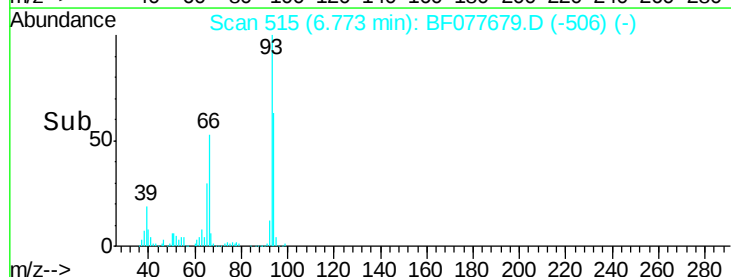
65 29.8 14.6 22.0#

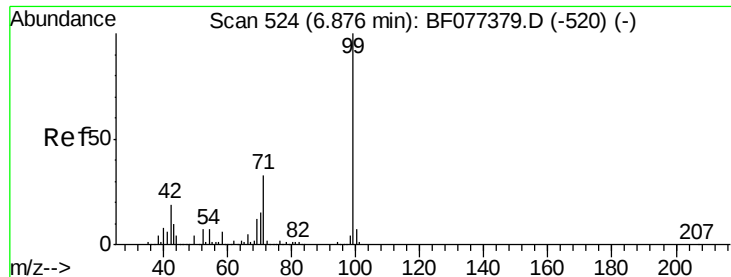


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.90 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

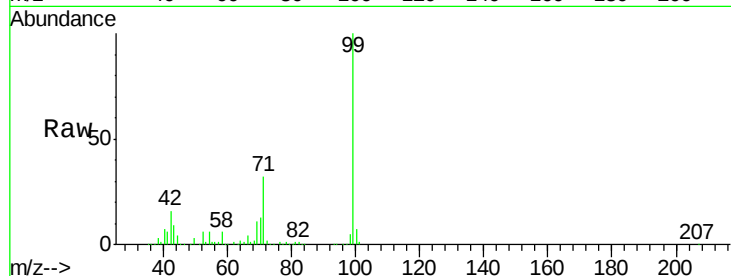
Tgt Ion: 99 Resp: 286301

Ion Ratio Lower Upper

99 100

42 16.3 16.2 24.4

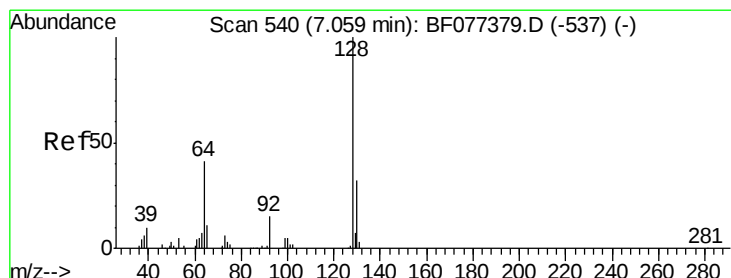
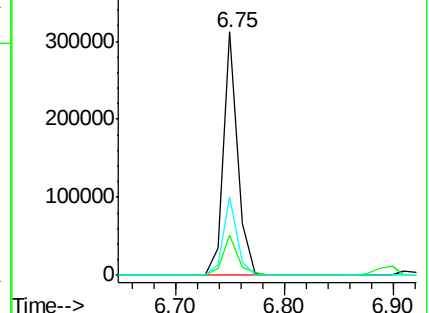
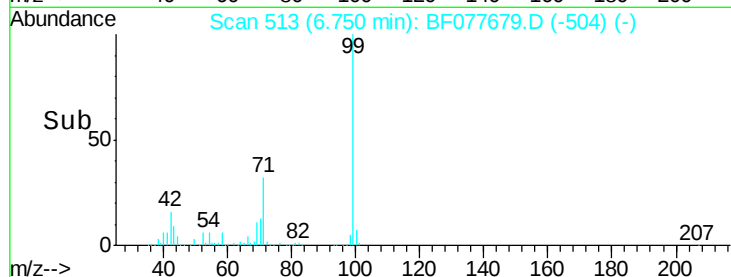
71 32.5 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.55 ng

RT: 6.92 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

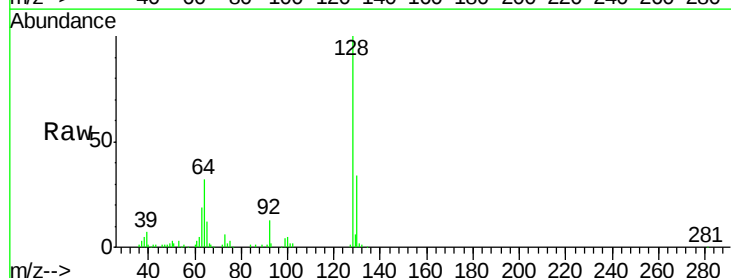
Tgt Ion: 128 Resp: 133374

Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

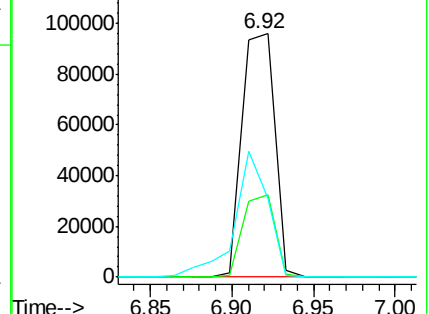
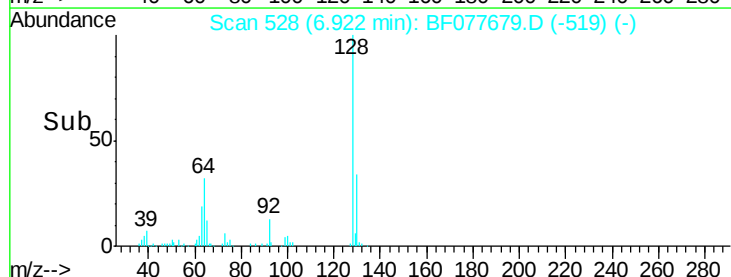
64 32.3 29.2 69.2

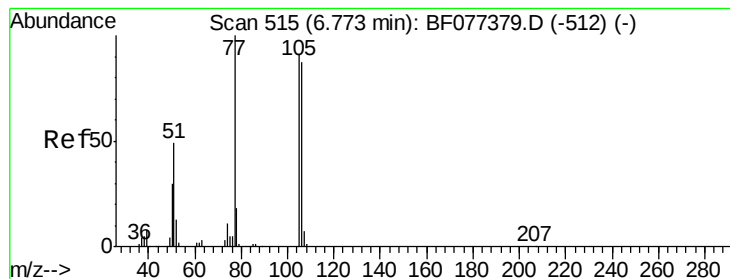


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 46.66 ng

RT: 6.63 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

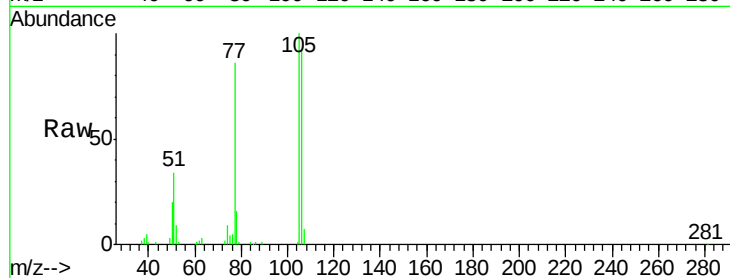
Tgt Ion: 77 Resp: 104120

Ion Ratio Lower Upper

77 100

105 115.7 85.9 125.9

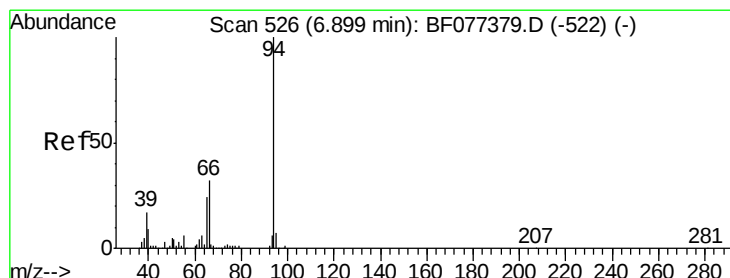
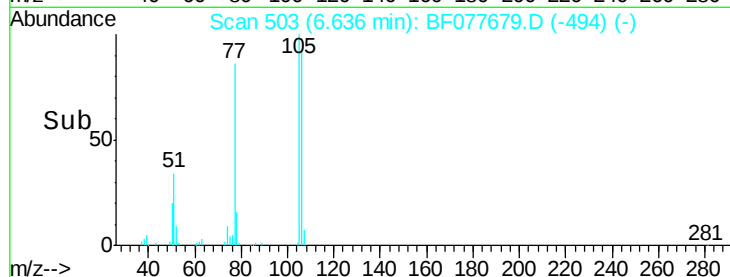
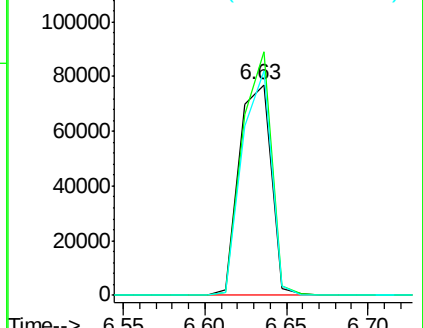
106 106.6 82.9 122.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.01 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

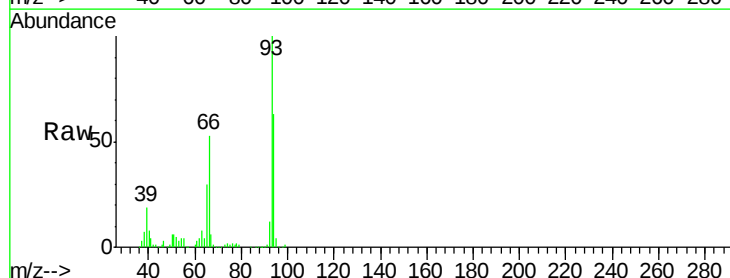
Tgt Ion: 94 Resp: 165756

Ion Ratio Lower Upper

94 100

65 47.1 5.7 45.7#

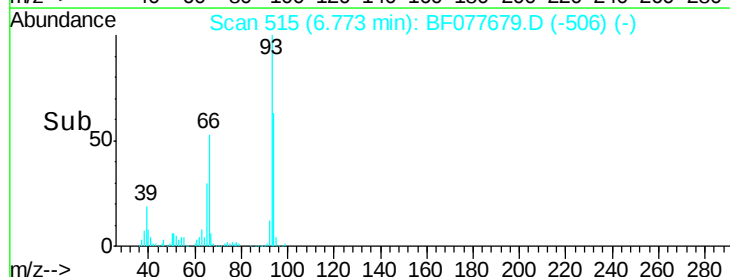
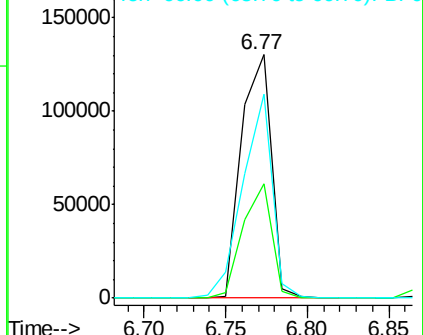
66 83.6 13.6 53.6#

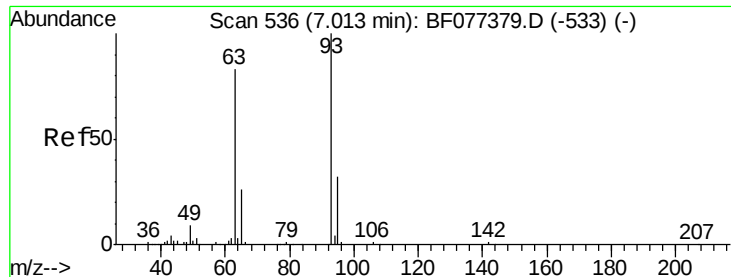


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

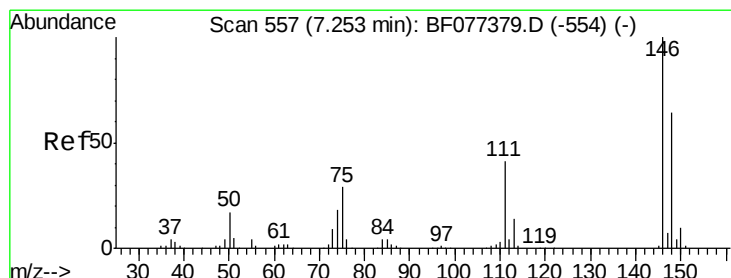
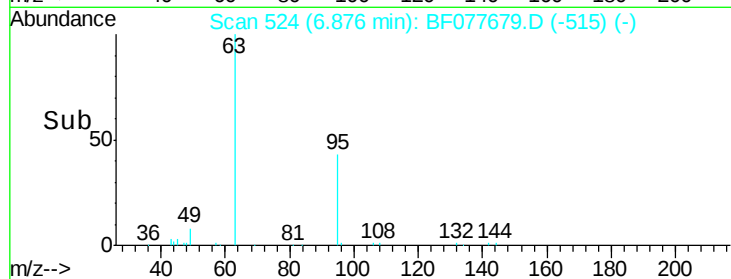
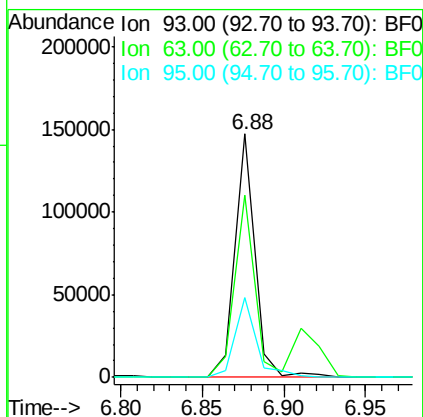
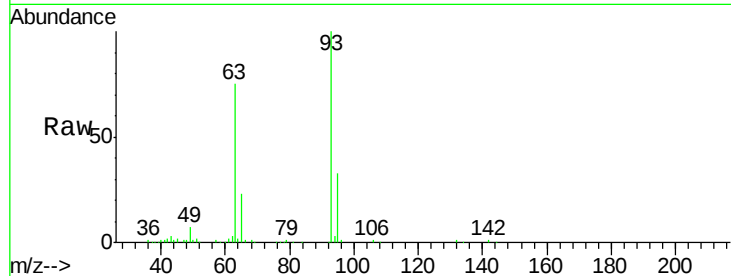




#11  
bis(2-Chloroethyl)ether  
Concen: 39.59 ng  
RT: 6.88 min Scan# 524  
Delta R.T. 0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

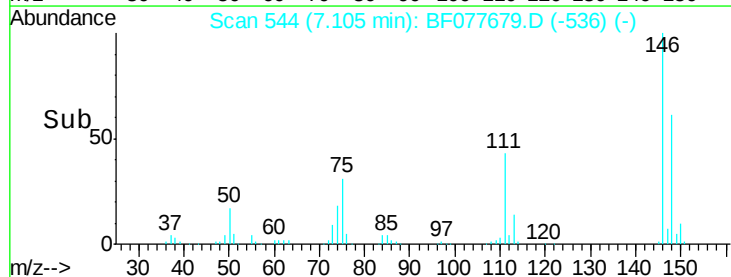
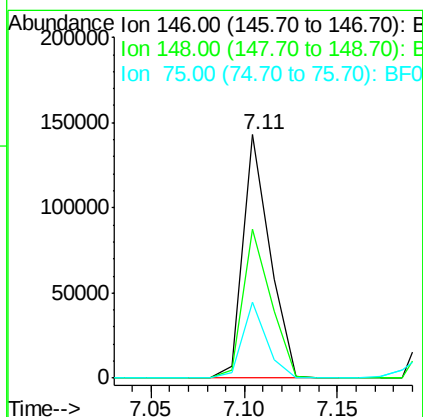
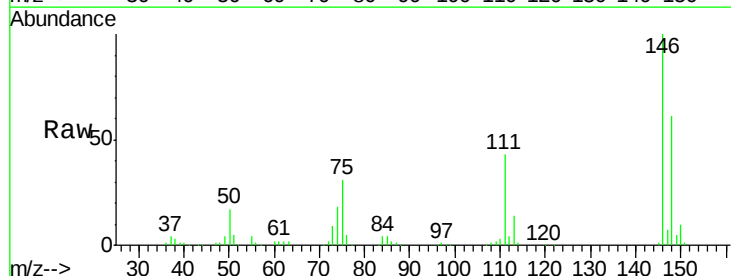
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

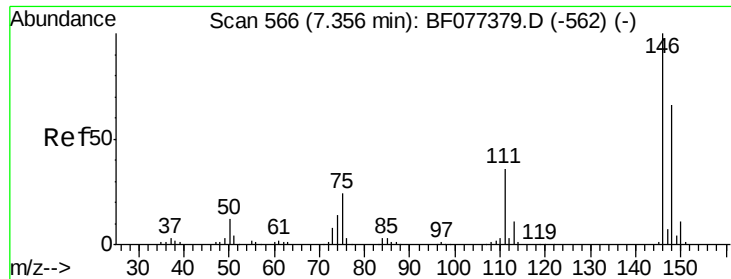
Tgt Ion: 93 Resp: 124048  
Ion Ratio Lower Upper  
93 100  
63 75.0 48.7 88.7  
95 32.9 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 39.05 ng  
RT: 7.11 min Scan# 544  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion: 146 Resp: 143380  
Ion Ratio Lower Upper  
146 100  
148 61.3 49.8 74.8  
75 31.4 28.2 42.4

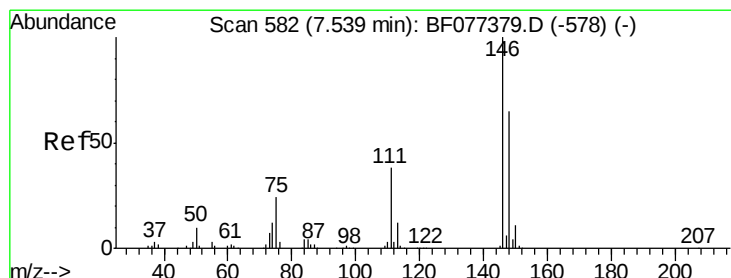
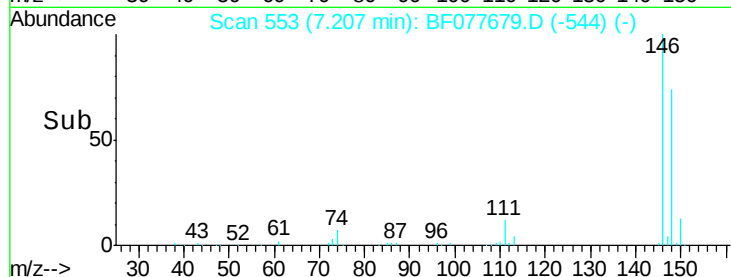
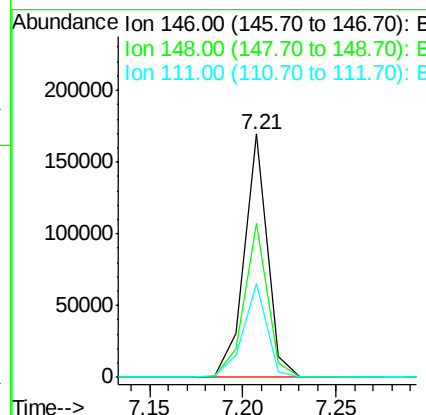
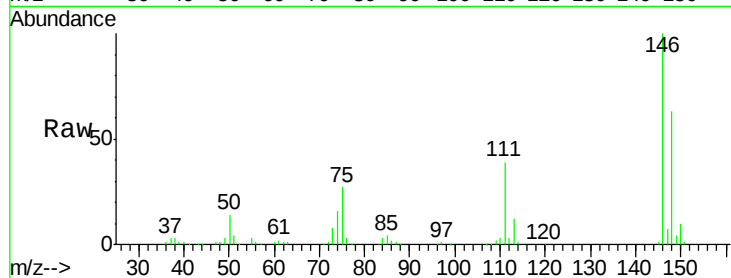




#13  
 1,4-Dichlorobenzene  
 Concen: 39.54 ng  
 RT: 7.21 min Scan# 553  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

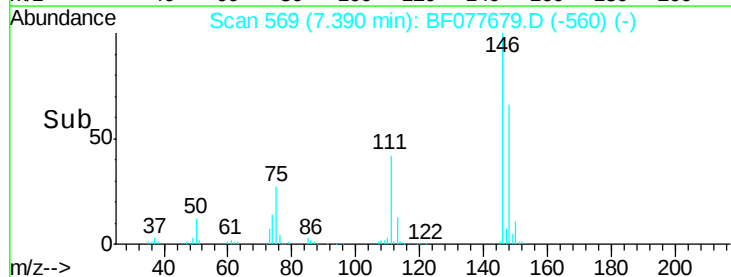
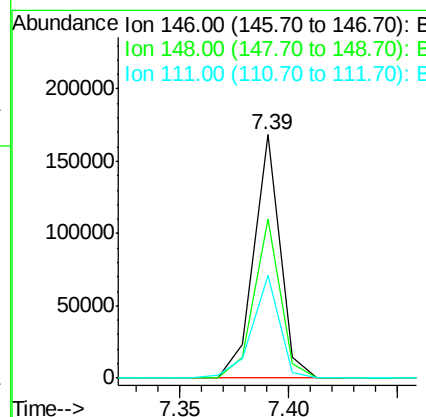
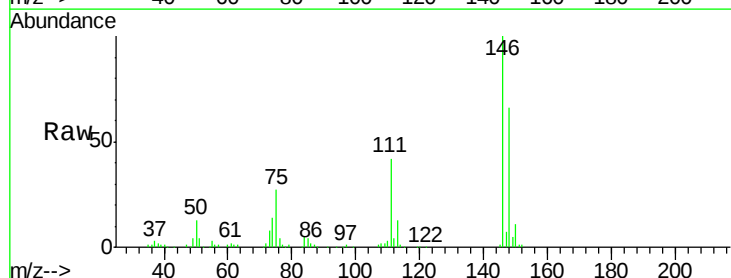
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

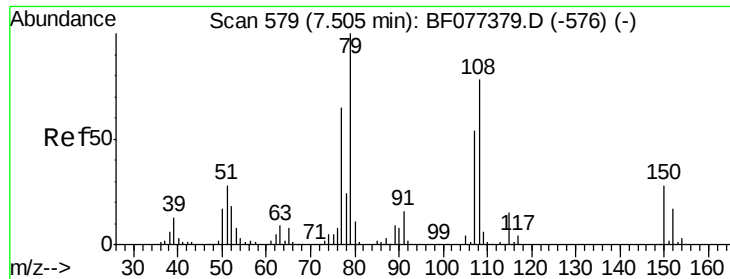
Tgt Ion:146 Resp: 147716  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 52.0 78.0  
 111 38.5 31.9 47.9



#14  
 1,2-Dichlorobenzene  
 Concen: 39.74 ng  
 RT: 7.39 min Scan# 569  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Tgt Ion:146 Resp: 141208  
 Ion Ratio Lower Upper  
 146 100  
 148 65.5 51.6 77.4  
 111 42.3 34.2 51.2





#15

Benzyl Alcohol

Concen: 37.86 ng

RT: 7.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

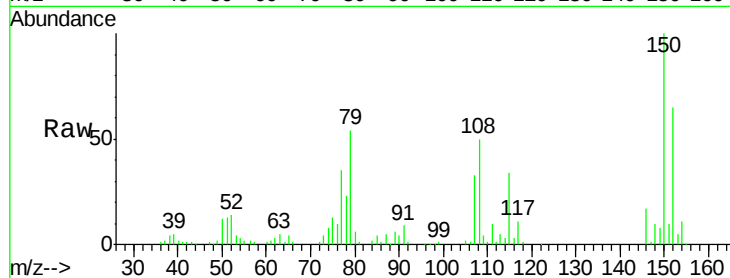
Tgt Ion: 79 Resp: 105768

Ion Ratio Lower Upper

79 100

108 92.6 58.3 87.5#

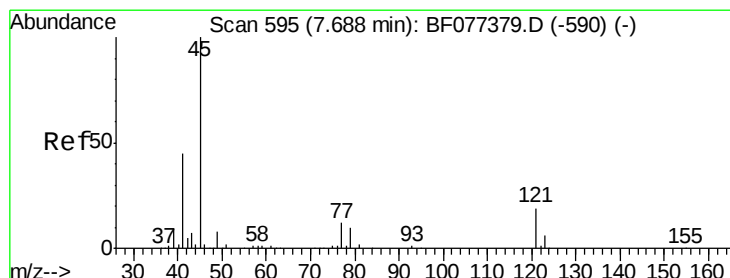
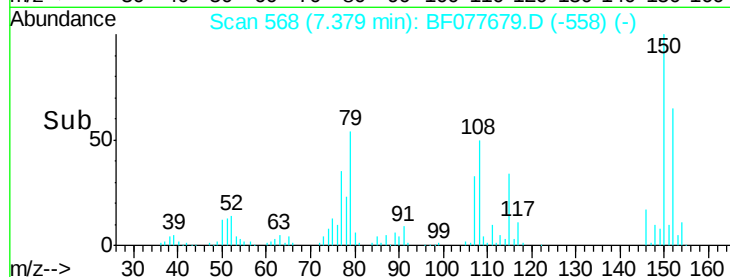
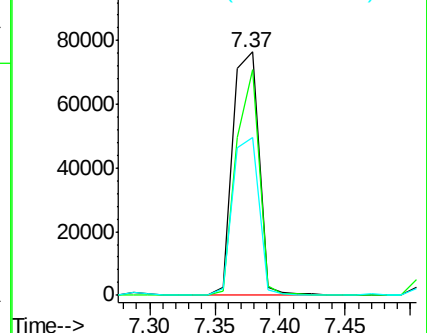
77 64.9 51.3 76.9



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: 35.43 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

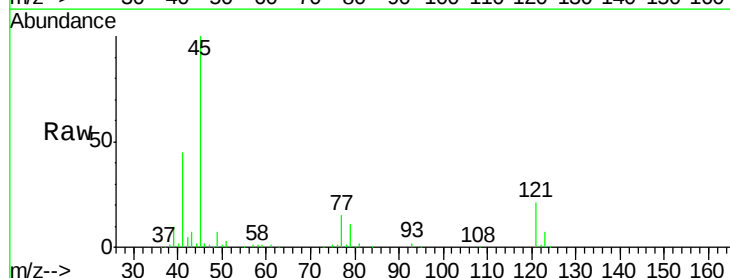
Tgt Ion: 45 Resp: 158726

Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.6

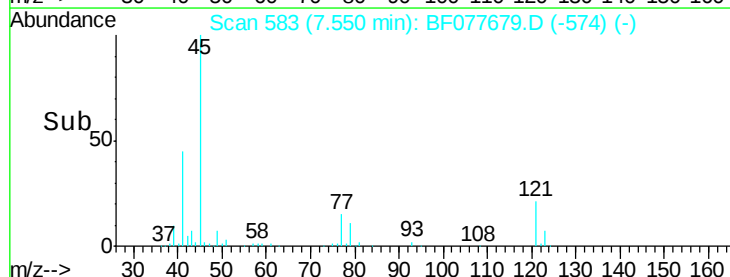
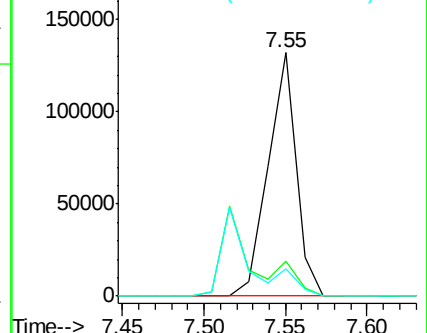
79 11.3 0.0 31.5

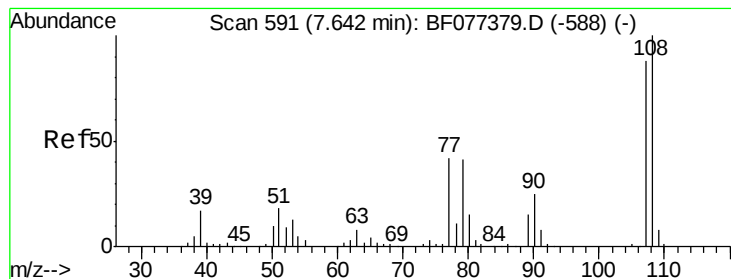


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.94 ng

RT: 7.52 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 102632

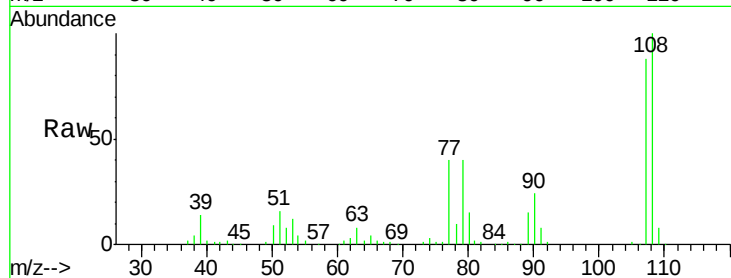
Ion Ratio Lower Upper

107 100

108 114.3 91.2 136.8

77 45.7 33.6 50.4

79 45.3 32.1 48.1

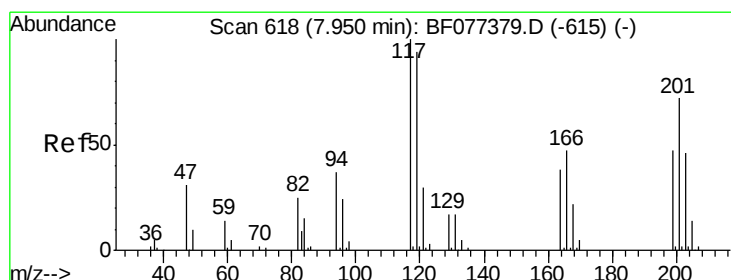
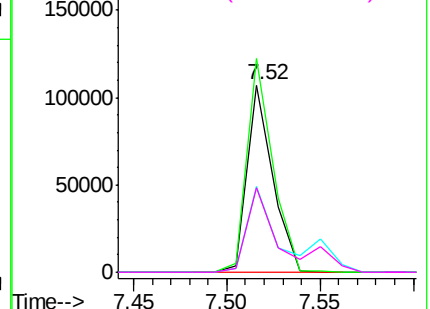
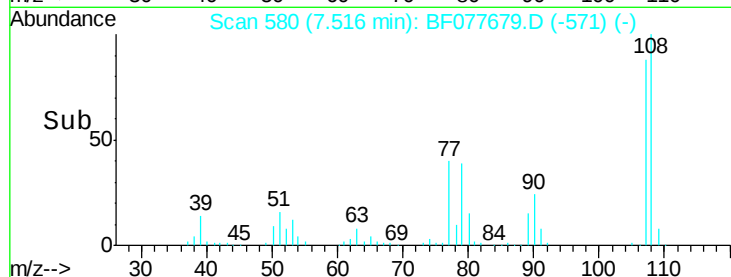


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.06 ng

RT: 7.81 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

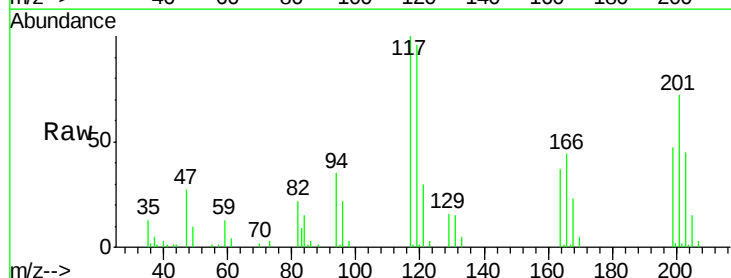
Tgt Ion:117 Resp: 47484

Ion Ratio Lower Upper

117 100

119 95.5 77.8 116.8

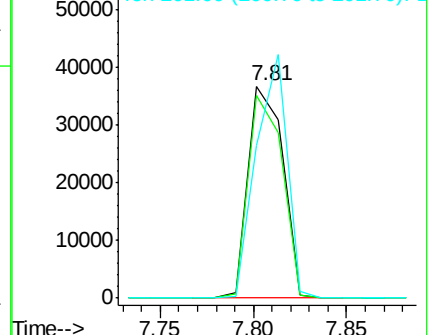
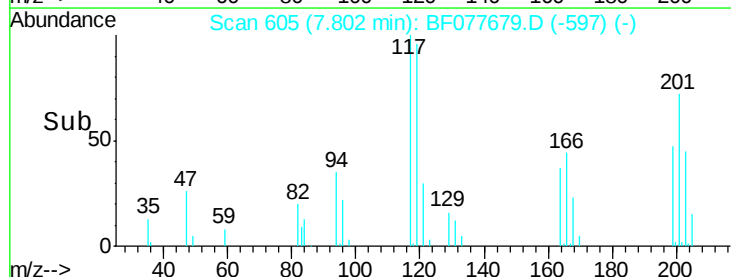
201 72.0 90.6 136.0#

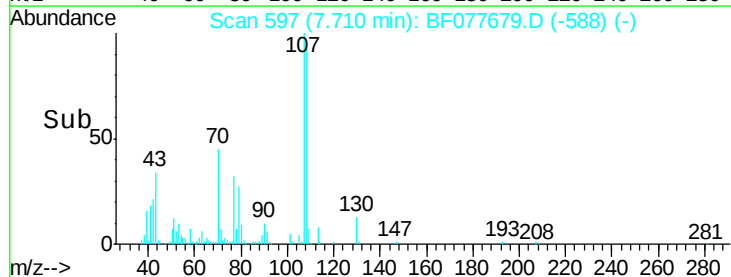
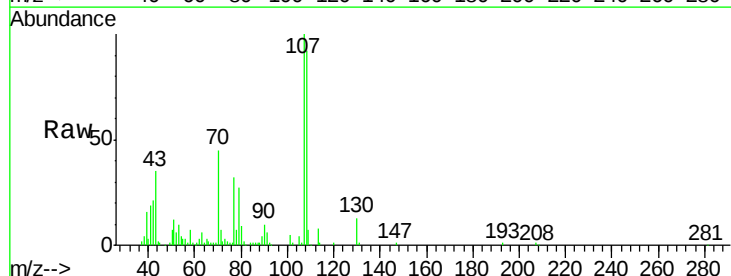
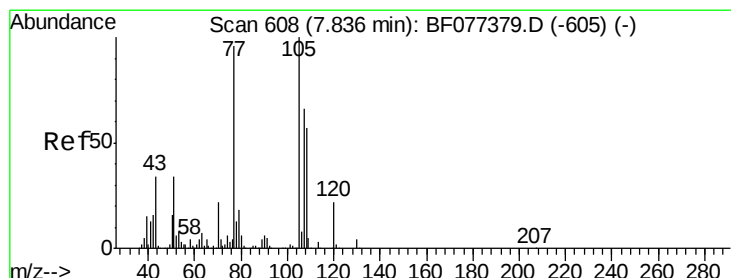
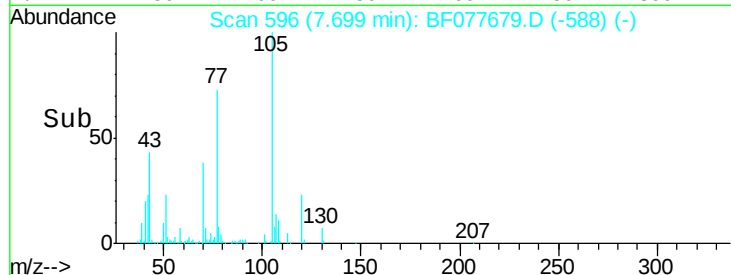
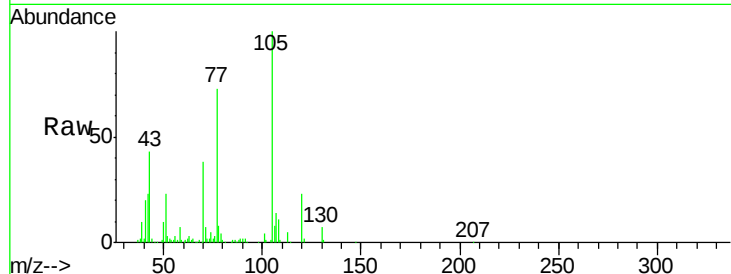


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

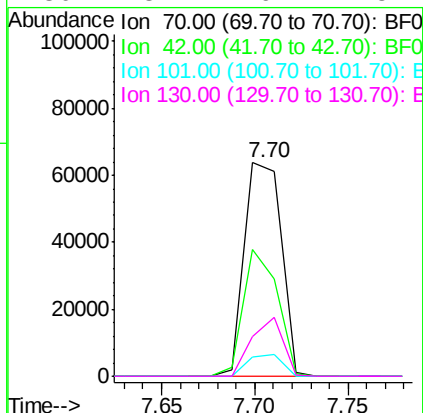




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.61 ng  
RT: 7.70 min Scan# 596  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

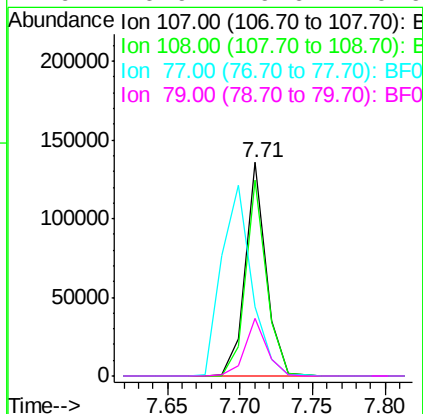
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

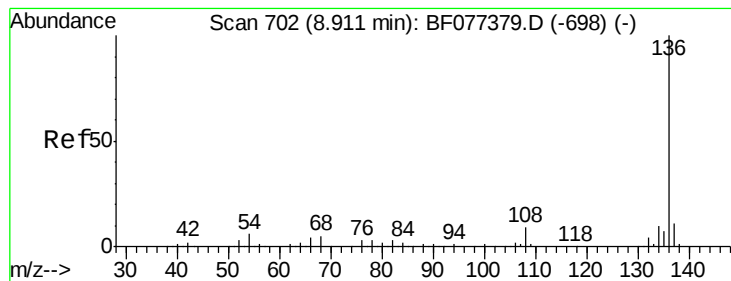
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 87791 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 59.5  | 48.3  | 72.5  |
| 101      | 9.3   | 7.5   | 11.3  |
| 130      | 18.7  | 16.7  | 25.1  |



#20  
3+4-Methylphenols  
Concen: 39.06 ng  
RT: 7.71 min Scan# 597  
Delta R.T. 0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 135609 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.8  | 76.8  | 116.8  |
| 77       | 32.5  | 65.8  | 105.8# |
| 79       | 26.9  | 9.6   | 49.6   |

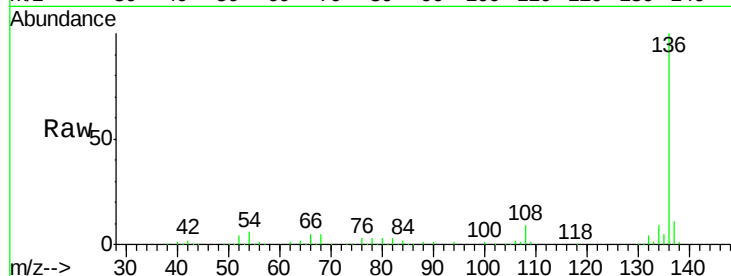




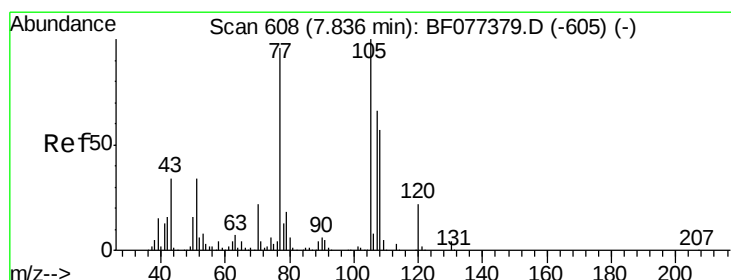
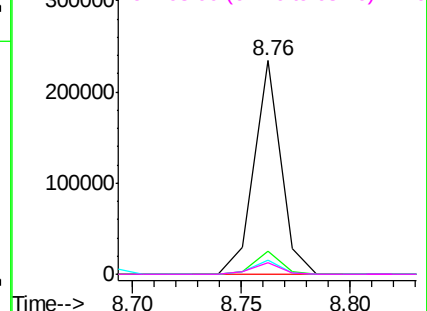
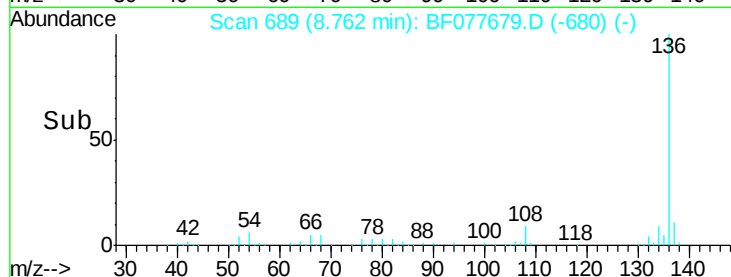
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.76 min Scan# 689  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 200538 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.6   | 13.0   |
| 54       | 6.5   | 6.2   | 9.4    |
| 68       | 5.2   | 5.0   | 7.6    |

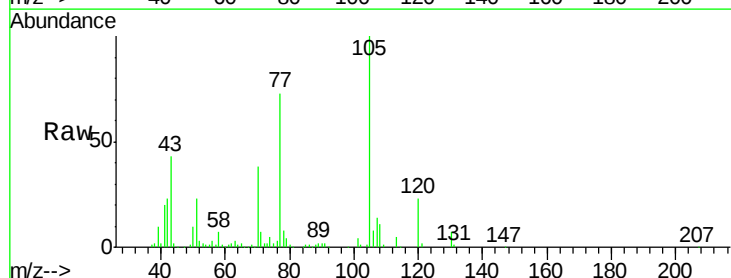


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

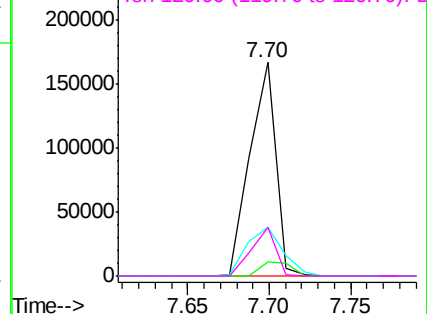
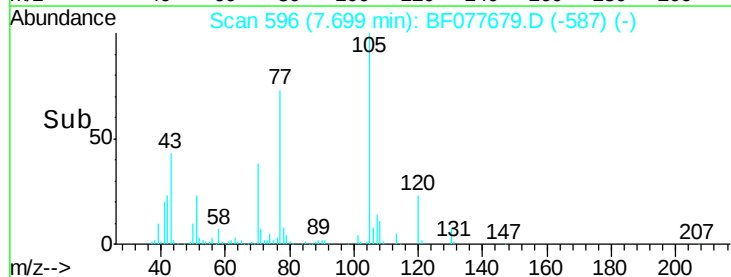


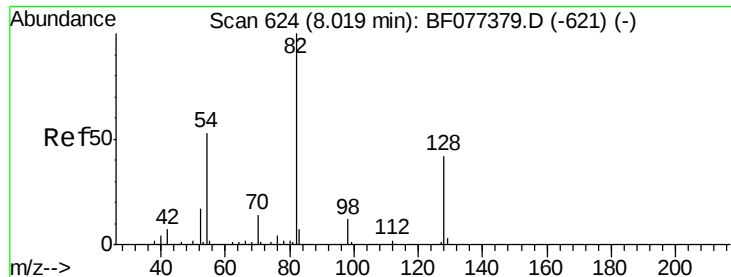
#22  
Acetophenone  
Concen: 38.86 ng  
RT: 7.70 min Scan# 596  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 183334 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.8   | 1.7   | 2.5#   |
| 51       | 22.6  | 30.7  | 46.1#  |
| 120      | 22.8  | 16.7  | 25.1   |



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

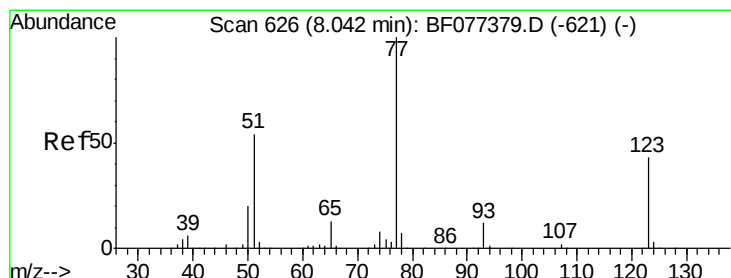
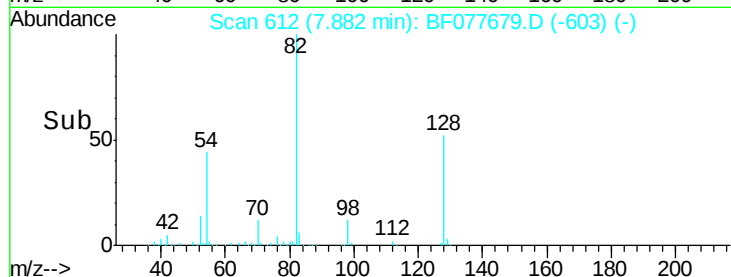
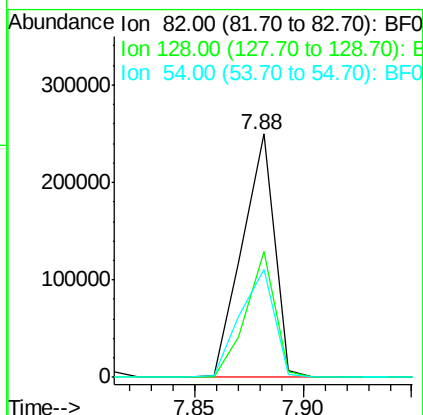
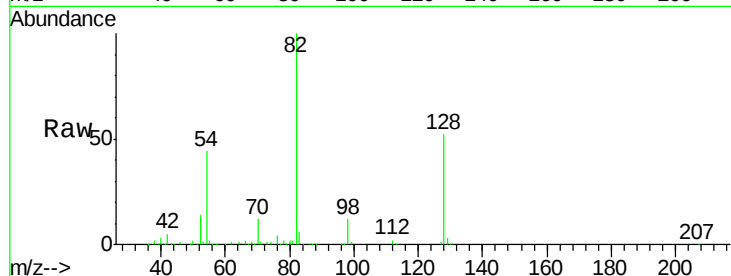




#23  
 Nitrobenzene-d5  
 Concen: 79.99 ng  
 RT: 7.88 min Scan# 612  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

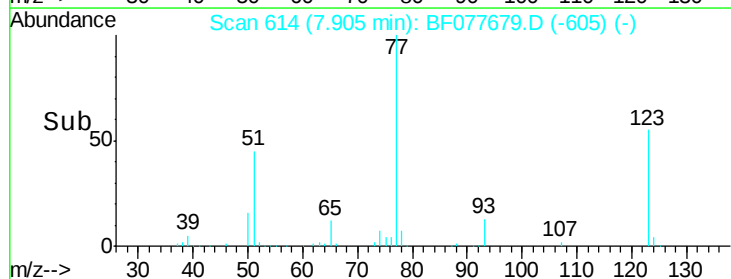
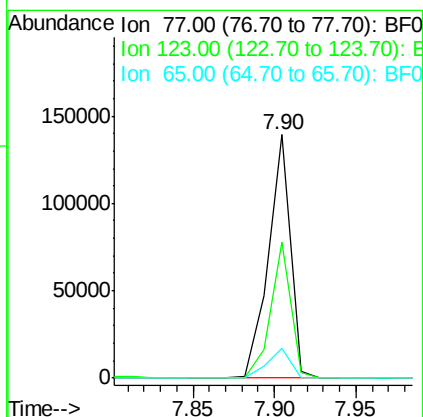
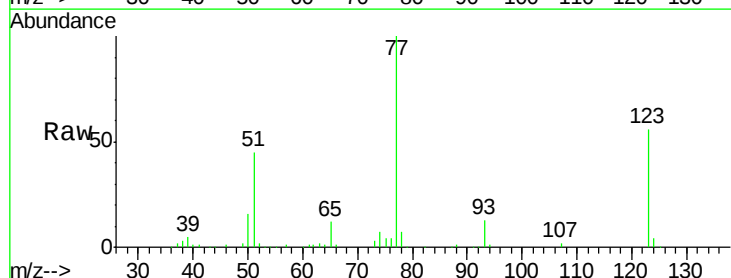
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

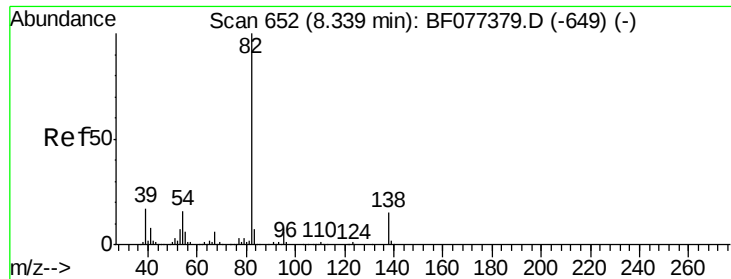
Tgt Ion: 82 Resp: 257945  
 Ion Ratio Lower Upper  
 82 100  
 128 51.7 43.8 65.8  
 54 44.2 36.7 55.1



#24  
 Nitrobenzene  
 Concen: 38.76 ng  
 RT: 7.90 min Scan# 614  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Tgt Ion: 77 Resp: 131501  
 Ion Ratio Lower Upper  
 77 100  
 123 55.9 45.9 68.9  
 65 12.3 9.5 14.3

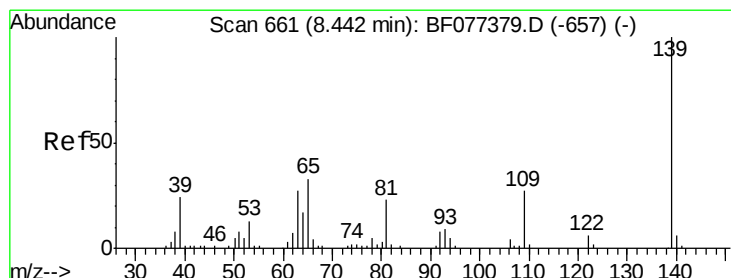
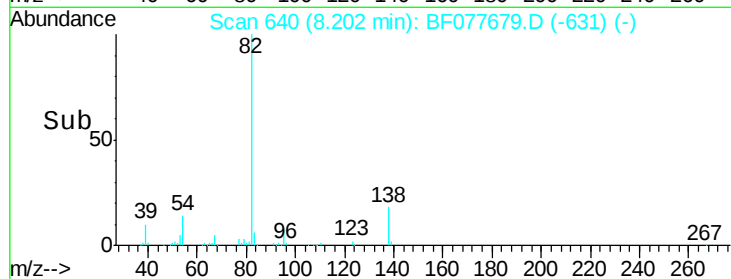
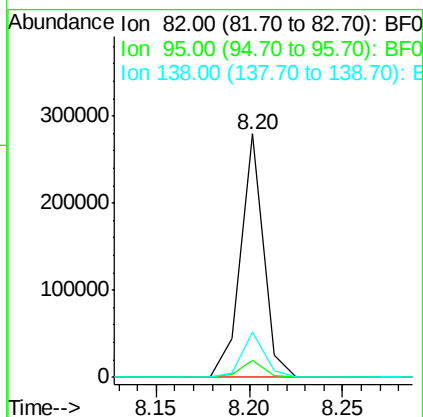
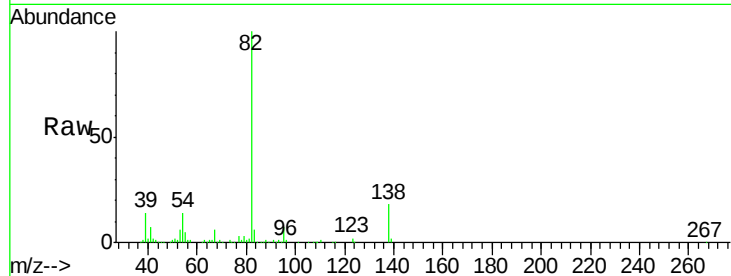




#25  
Isophorone  
Concen: 37.67 ng  
RT: 8.20 min Scan# 640  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

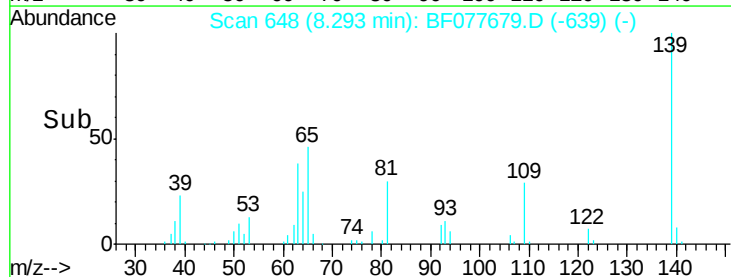
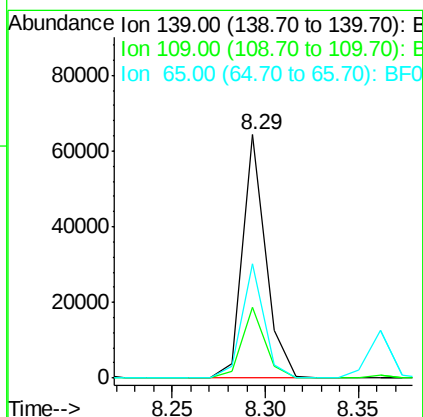
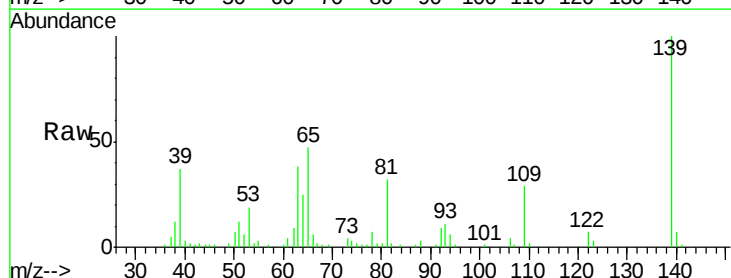
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

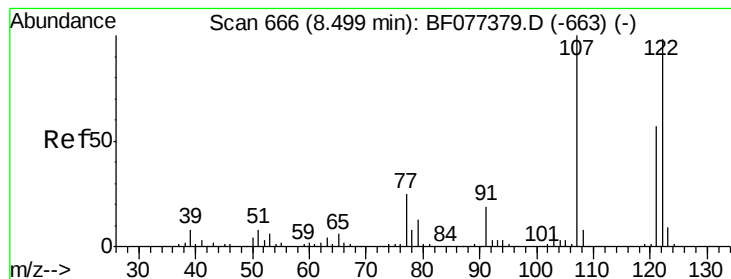
Tgt Ion: 82 Resp: 240983  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.4 8.2  
138 18.5 16.3 24.5



#26  
2-Nitrophenol  
Concen: 40.07 ng  
RT: 8.29 min Scan# 648  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion: 139 Resp: 55721  
Ion Ratio Lower Upper  
139 100  
109 29.2 22.6 34.0  
65 47.1 36.4 54.6





#27

2,4-Dimethylphenol

Concen: 38.58 ng

RT: 8.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

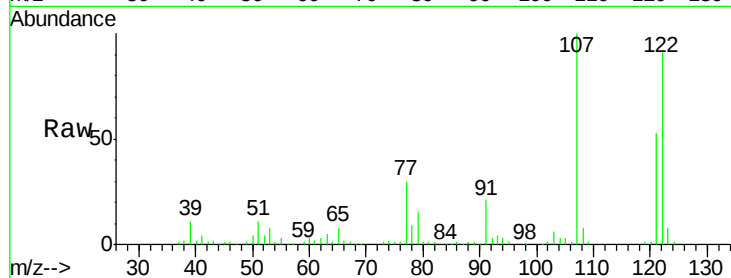
Tgt Ion: 122 Resp: 120048

Ion Ratio Lower Upper

122 100

107 110.2 86.6 130.0

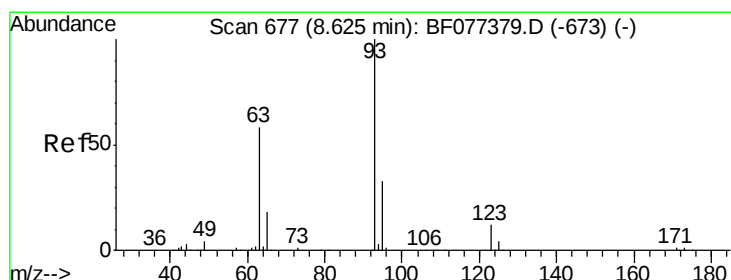
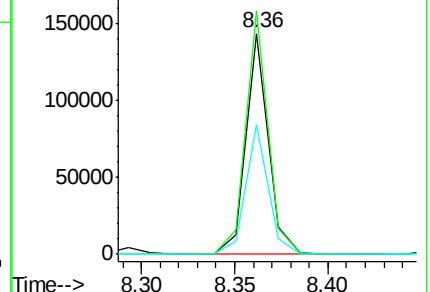
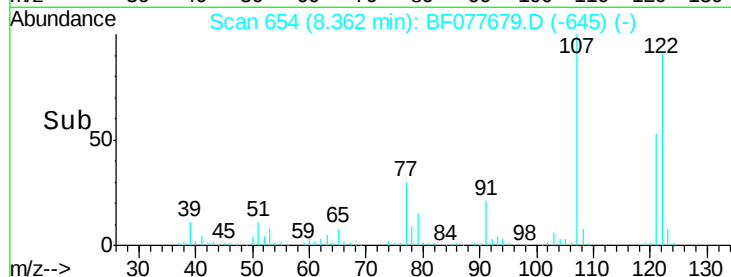
121 58.5 47.4 71.0



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: 36.67 ng

RT: 8.48 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

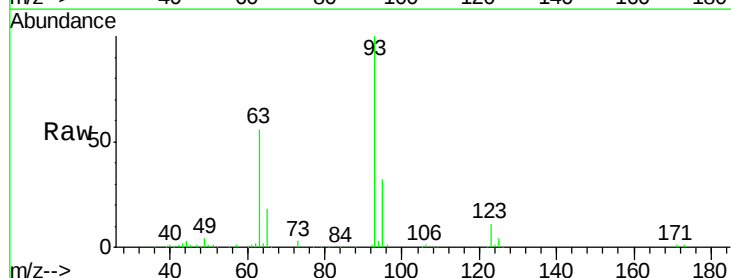
Tgt Ion: 93 Resp: 148223

Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

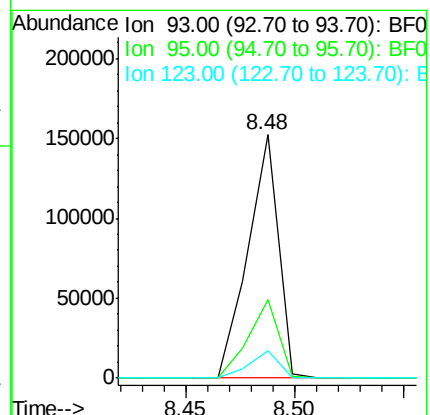
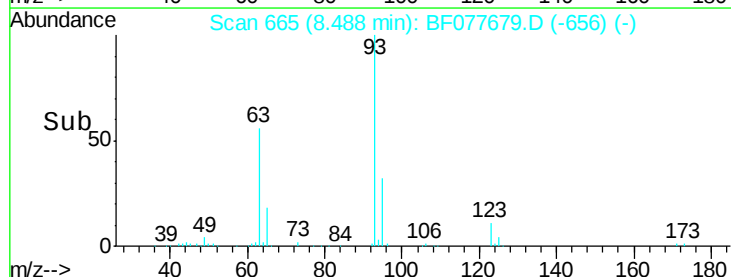
123 11.5 8.7 13.1

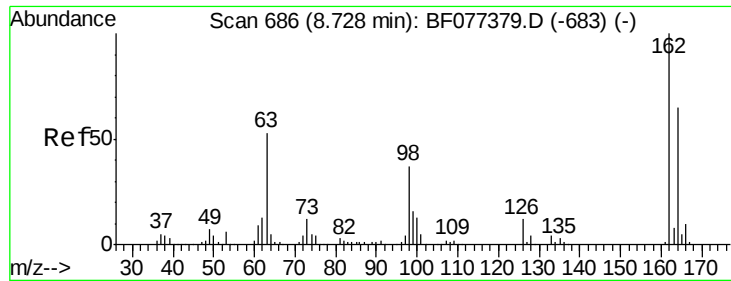


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

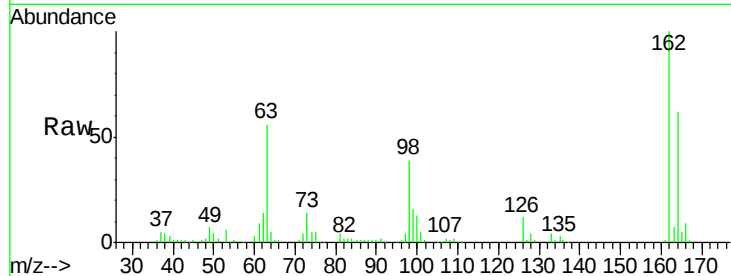




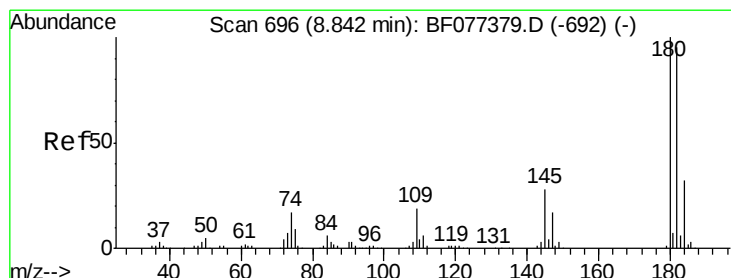
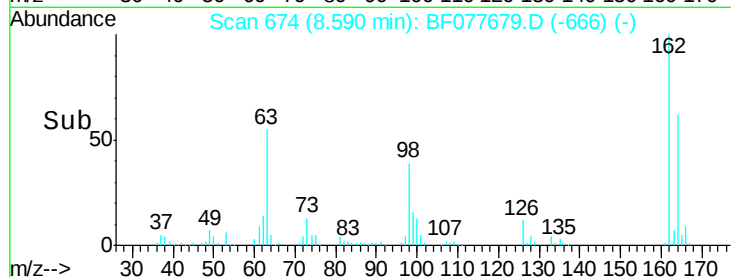
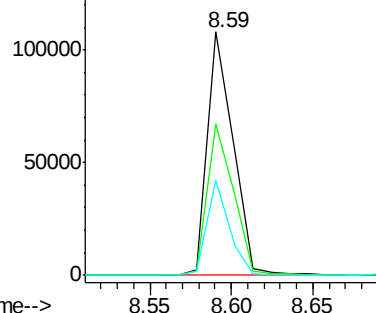
#29  
 2,4-Dichlorophenol  
 Concen: 40.06 ng  
 RT: 8.59 min Scan# 674  
 Delta R.T. 0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.3  | 46.4  | 86.4  |
| 98      | 39.3  | 6.9   | 46.9  |

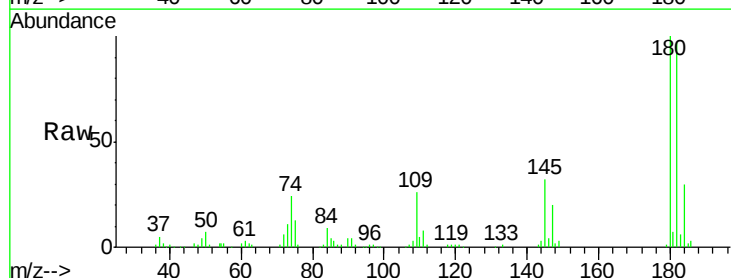


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

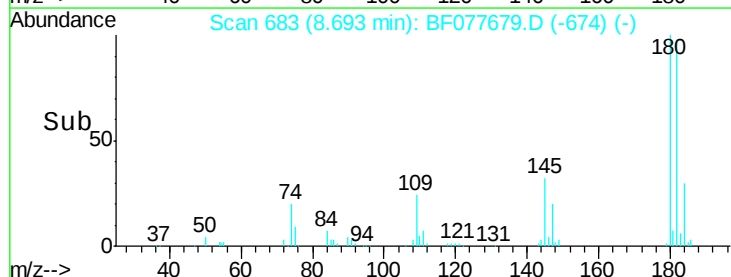
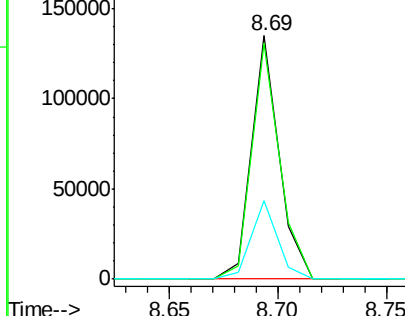


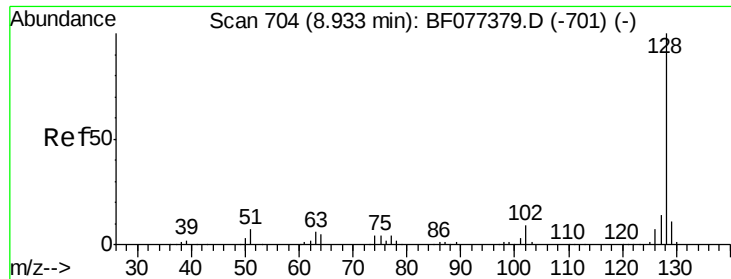
#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.02 ng  
 RT: 8.69 min Scan# 683  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.1  | 76.2  | 114.4 |
| 145     | 32.2  | 24.5  | 36.7  |



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

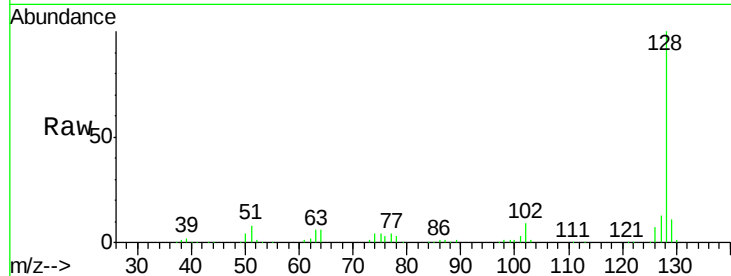




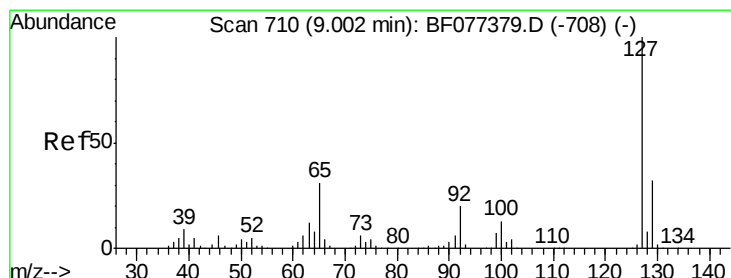
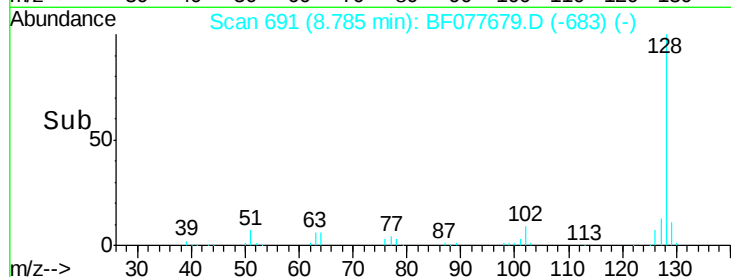
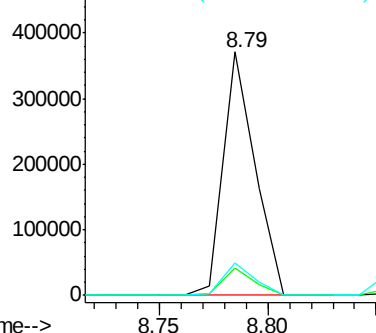
#31  
Naphthalene  
Concen: 37.64 ng  
RT: 8.79 min Scan# 691  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:128 Resp: 377500  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.4 14.0  
127 13.2 10.6 15.8

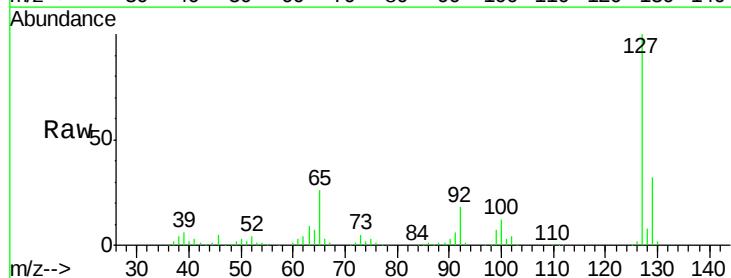


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

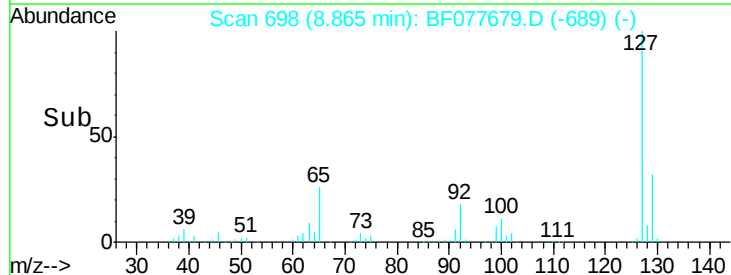
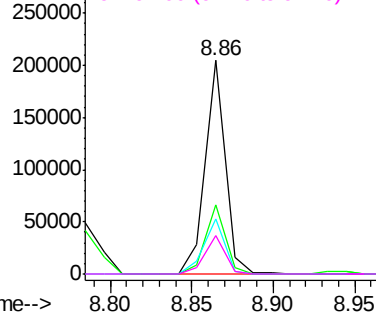


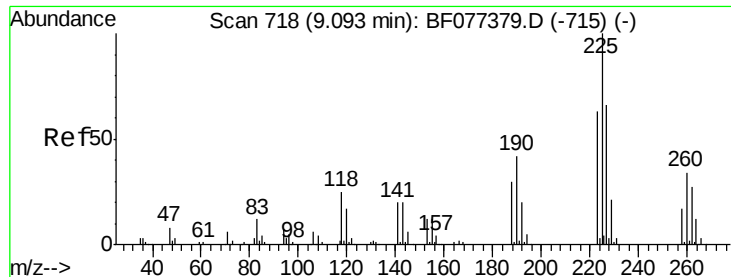
#33  
4-Chloroaniline  
Concen: 38.92 ng  
RT: 8.86 min Scan# 698  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion:127 Resp: 173537  
Ion Ratio Lower Upper  
127 100  
129 32.1 26.9 40.3  
65 25.9 16.7 25.1#  
92 18.0 12.5 18.7



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

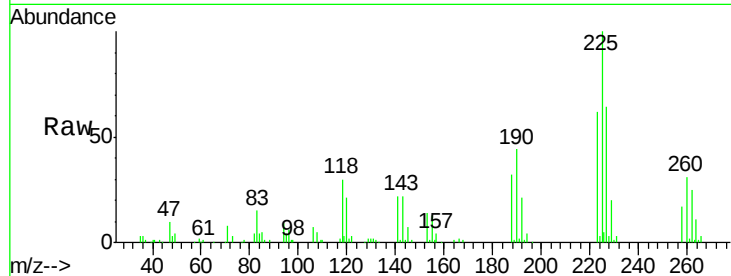




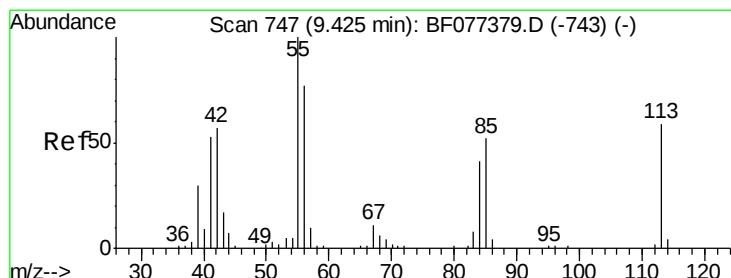
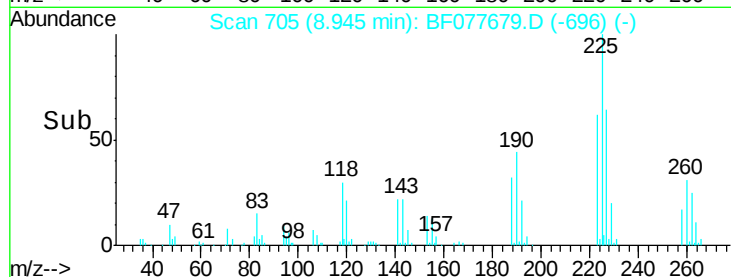
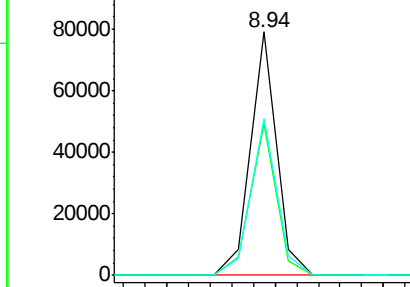
#34  
Hexachlorobutadiene  
Concen: 36.01 ng  
RT: 8.94 min Scan# 705  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 225 Resp: 66008  
Ion Ratio Lower Upper  
225 100  
223 62.4 49.5 74.3  
227 64.5 50.5 75.7

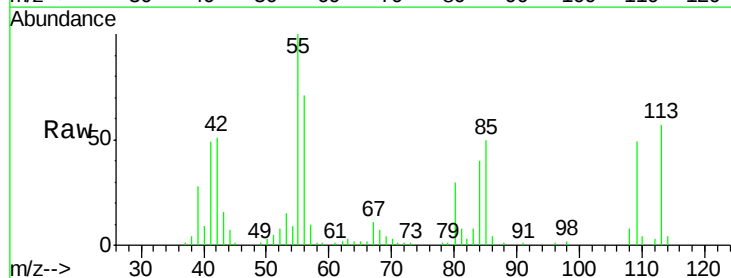


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

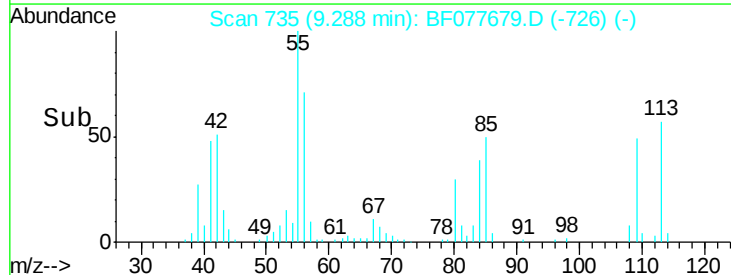
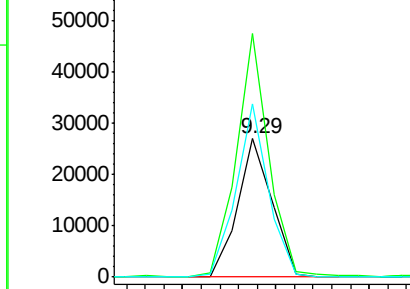


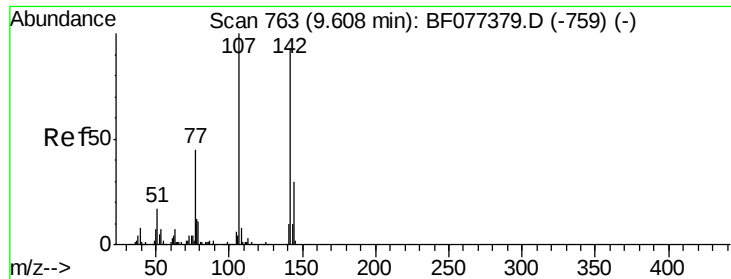
#35  
Caprolactam  
Concen: 38.60 ng  
RT: 9.29 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion: 113 Resp: 34411  
Ion Ratio Lower Upper  
113 100  
55 175.8 154.6 194.6  
56 125.1 114.0 154.0



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 39.19 ng

RT: 9.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

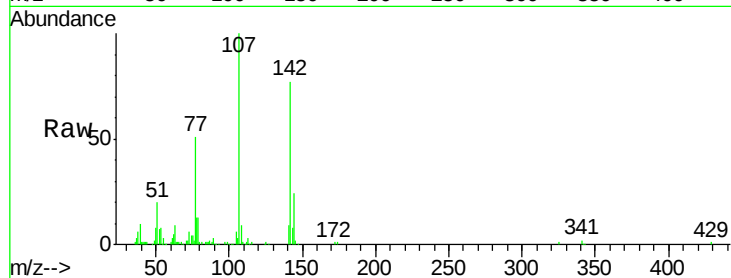
Tgt Ion:107 Resp: 115076

Ion Ratio Lower Upper

107 100

144 23.9 21.1 31.7

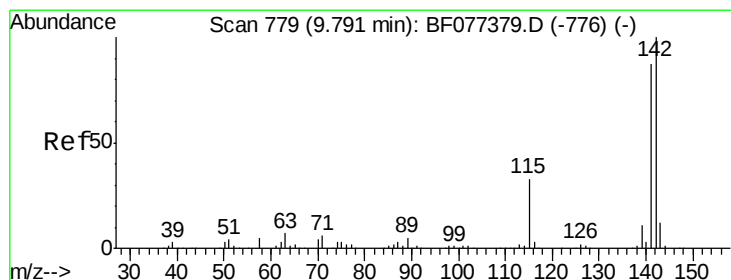
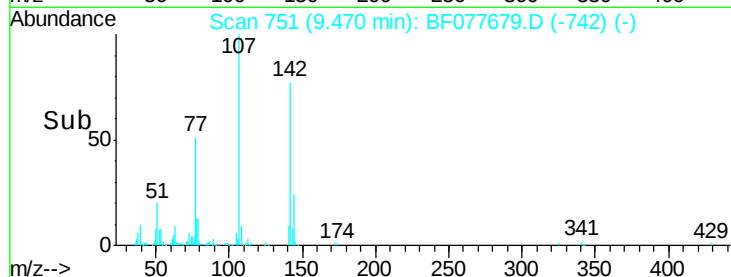
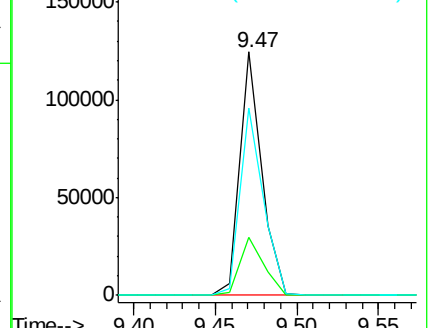
142 77.0 65.3 97.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 36.24 ng

RT: 9.65 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

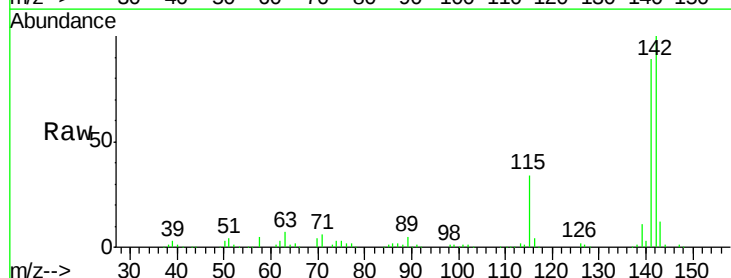
Tgt Ion:142 Resp: 258079

Ion Ratio Lower Upper

142 100

141 89.1 70.7 106.1

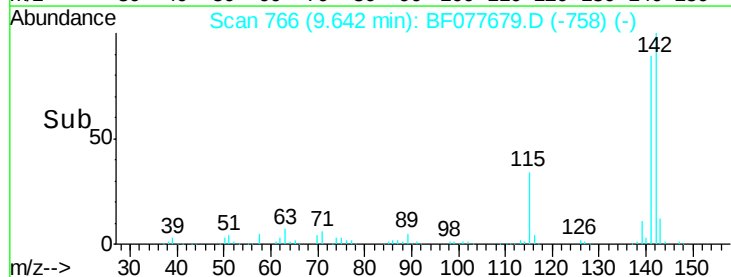
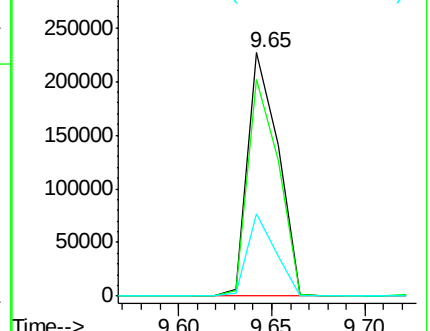
115 33.6 24.2 36.4

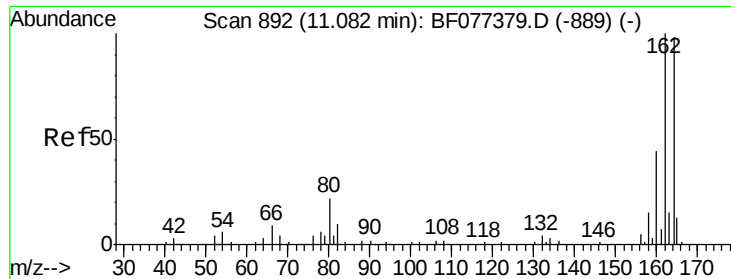


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

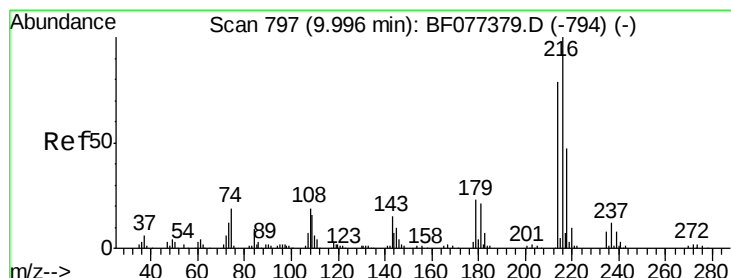
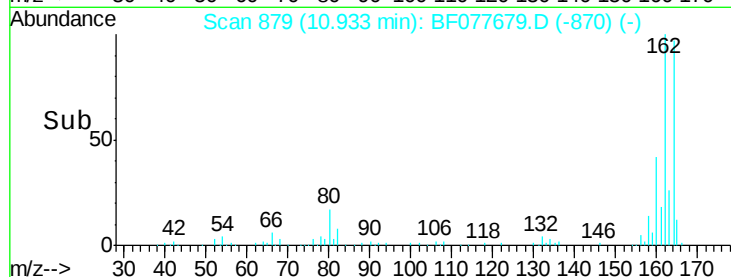
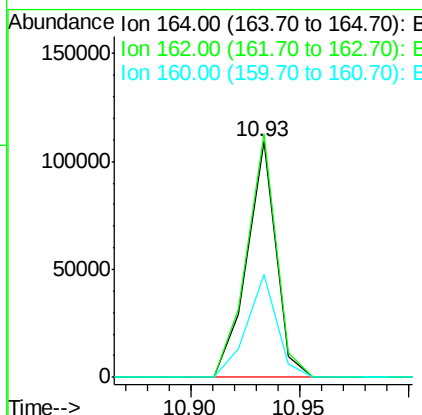
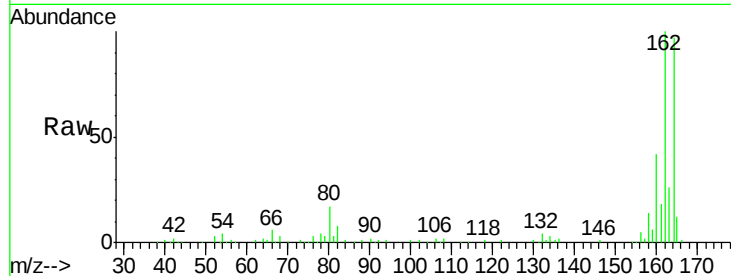




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.93 min Scan# 879  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

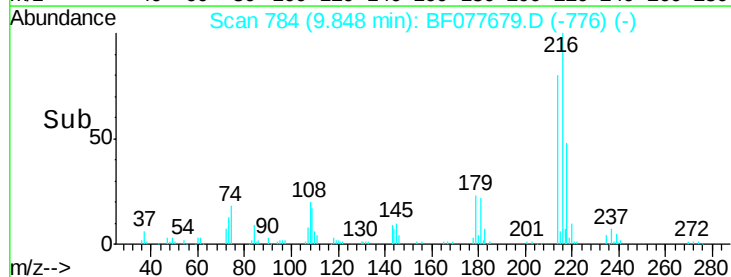
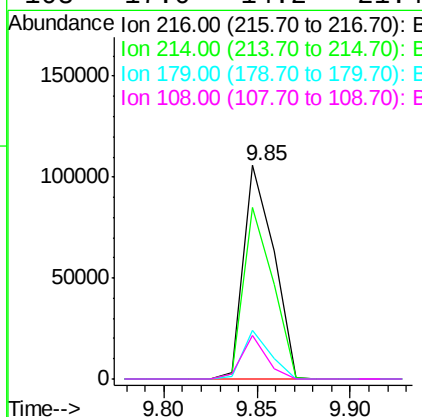
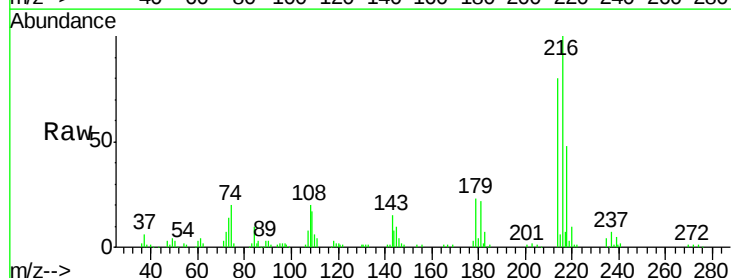
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

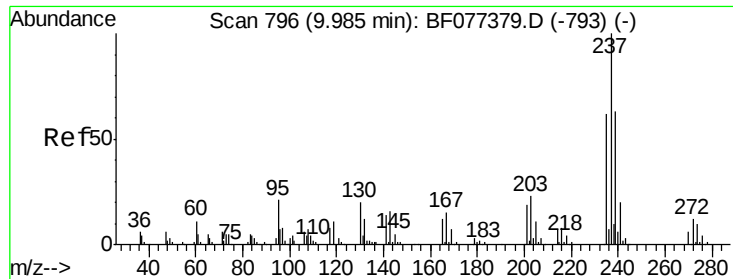
Tgt Ion:164 Resp: 101461  
 Ion Ratio Lower Upper  
 164 100  
 162 103.4 83.2 124.8  
 160 43.5 34.6 52.0



#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.64 ng  
 RT: 9.85 min Scan# 784  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Tgt Ion:216 Resp: 118304  
 Ion Ratio Lower Upper  
 216 100  
 214 78.4 63.4 95.0  
 179 20.7 16.6 25.0  
 108 17.0 14.2 21.4

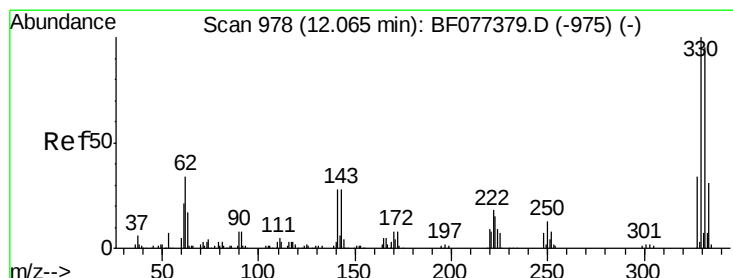
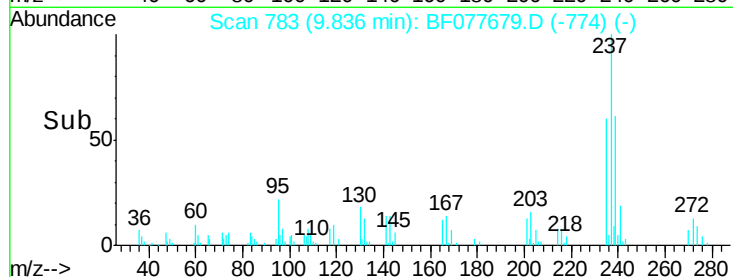
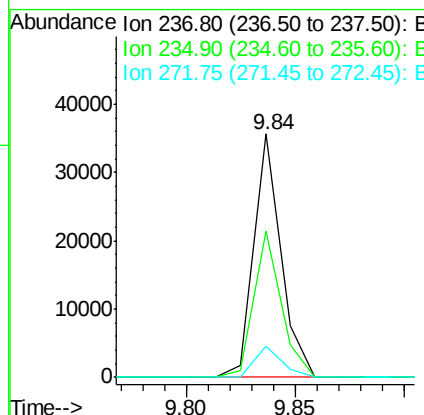
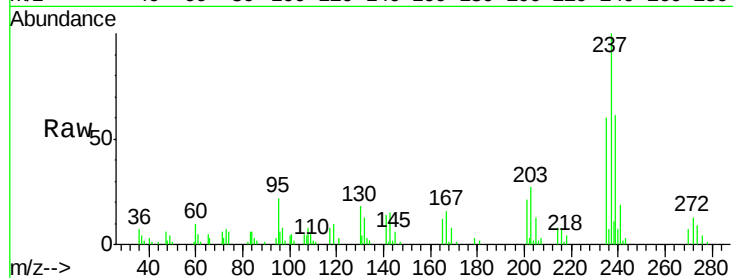




#40  
Hexachlorocyclopentadiene  
Concen: 19.83 ng  
RT: 9.84 min Scan# 783  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

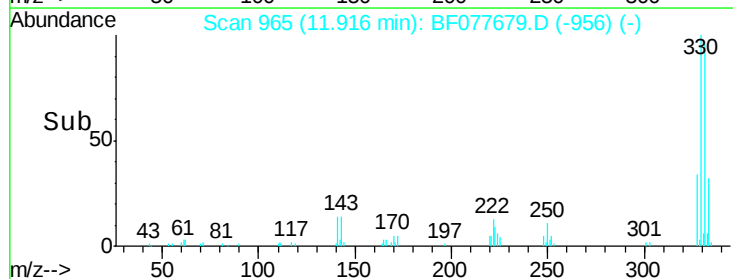
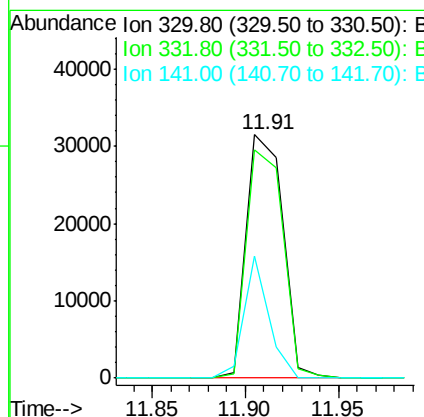
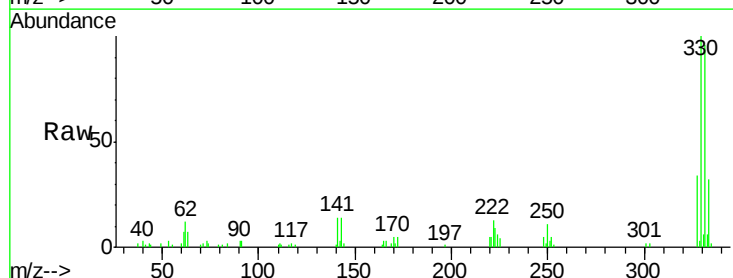
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

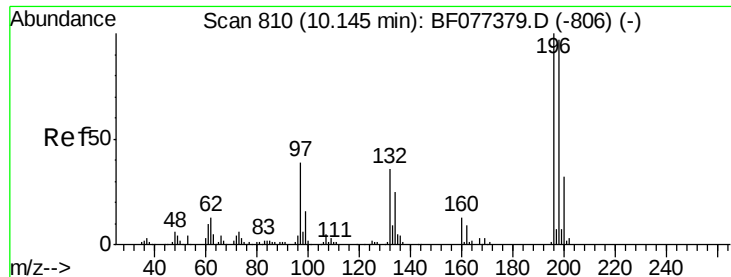
Tgt Ion: 237 Resp: 30948  
Ion Ratio Lower Upper  
237 100  
235 60.2 41.0 81.0  
272 12.6 0.0 34.3



#41  
2,4,6-Tribromophenol  
Concen: 43.93 ng  
RT: 11.91 min Scan# 965  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion: 330 Resp: 42915  
Ion Ratio Lower Upper  
330 100  
332 94.1 77.4 116.2  
141 34.0 28.8 43.2

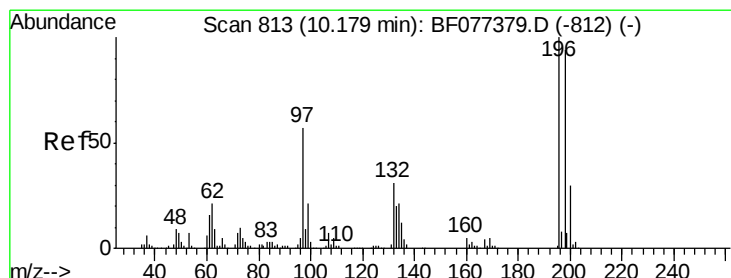
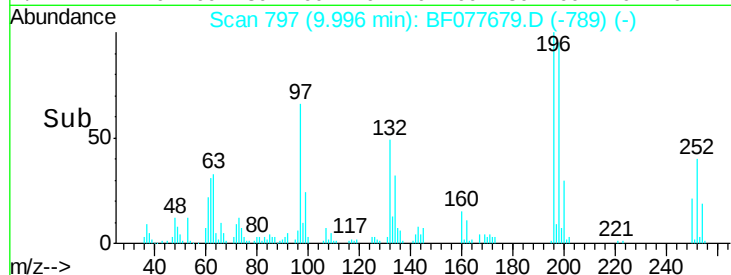
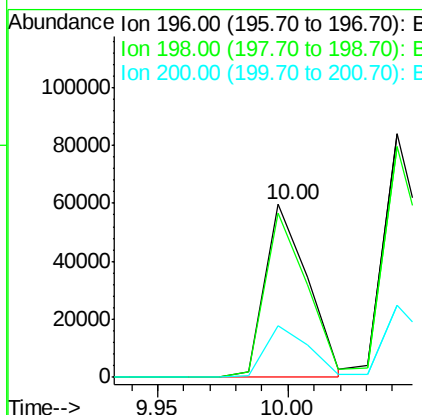
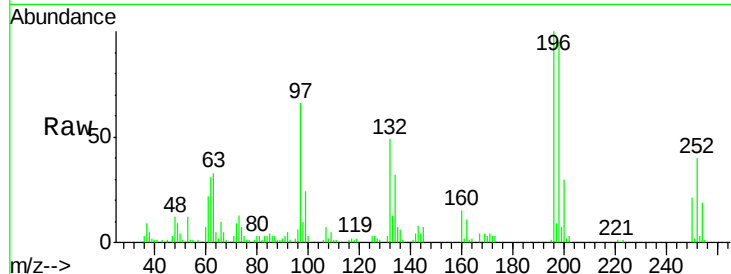




#42  
2,4,6-Trichlorophenol  
Concen: 35.30 ng  
RT: 10.00 min Scan# 797  
Delta R.T. 0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

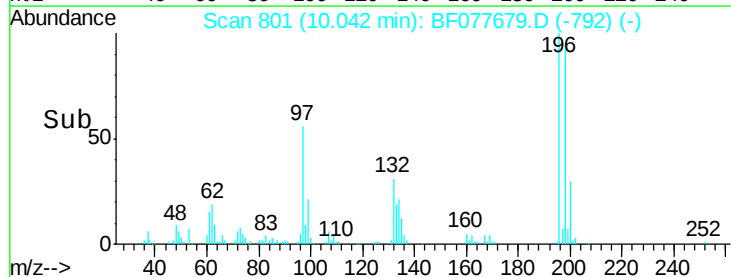
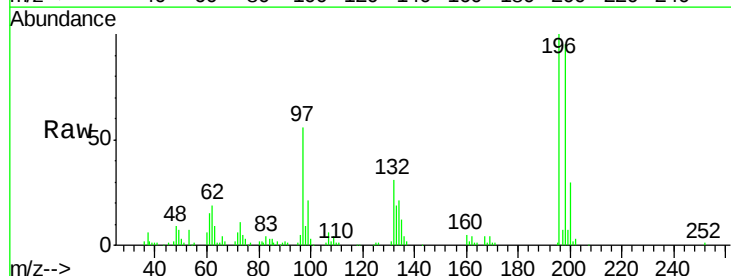
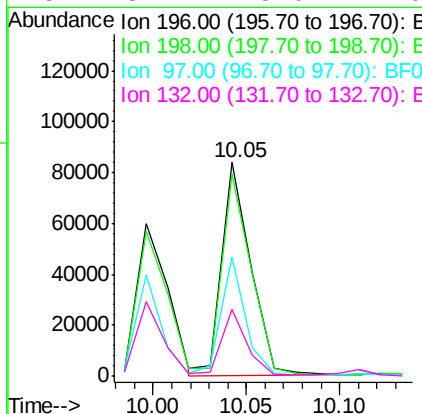
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

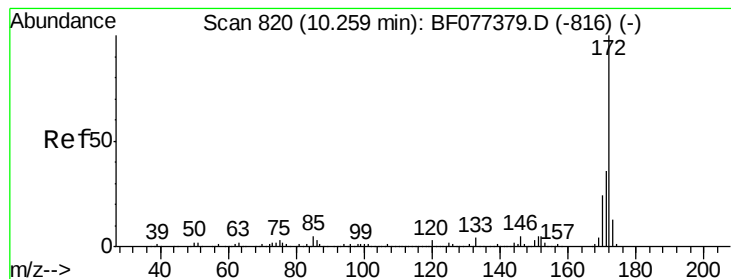
Tgt Ion:196 Resp: 68047  
Ion Ratio Lower Upper  
196 100  
198 95.2 75.8 113.8  
200 29.9 24.2 36.4



#43  
2,4,5-Trichlorophenol  
Concen: 43.61 ng  
RT: 10.05 min Scan# 801  
Delta R.T. 0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion:196 Resp: 89912  
Ion Ratio Lower Upper  
196 100  
198 94.7 77.2 115.8  
97 55.7 27.7 41.5#  
132 31.4 18.0 27.0#





#44

2-Fluorobiphenyl

Concen: 85.80 ng

RT: 10.11 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

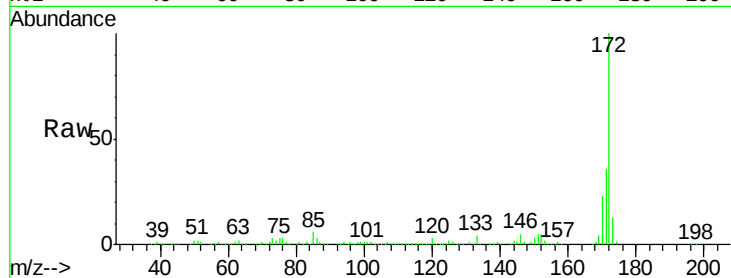
Tgt Ion:172 Resp: 558289

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

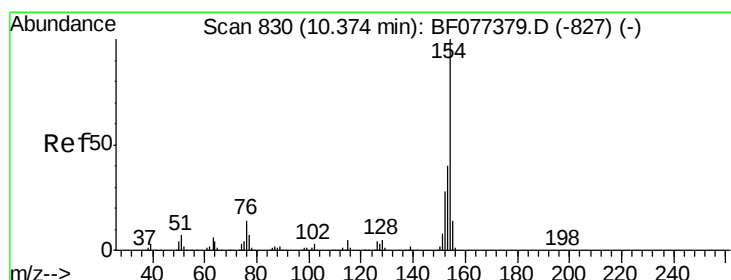
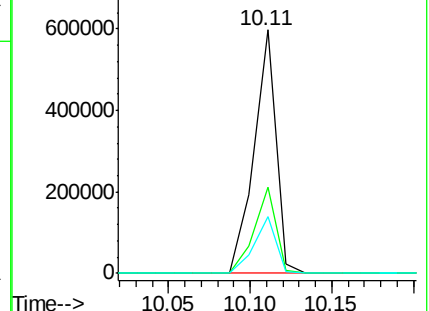
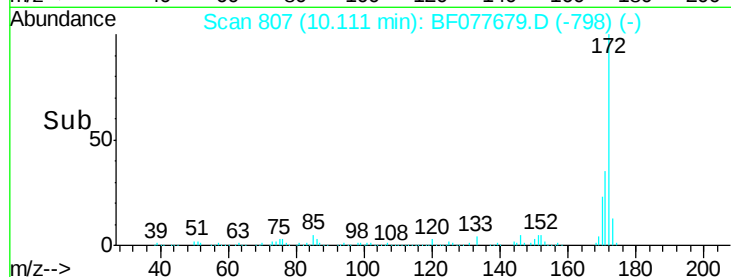
170 23.4 19.4 29.2



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: 40.46 ng

RT: 10.23 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

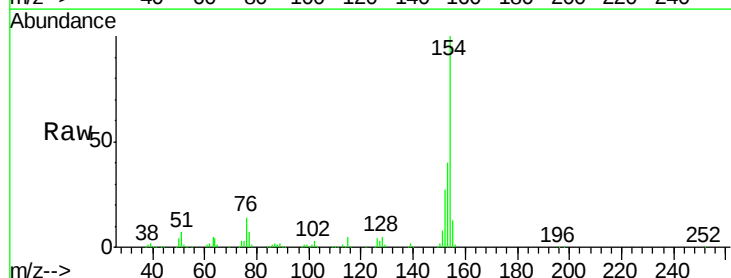
Tgt Ion:154 Resp: 311003

Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

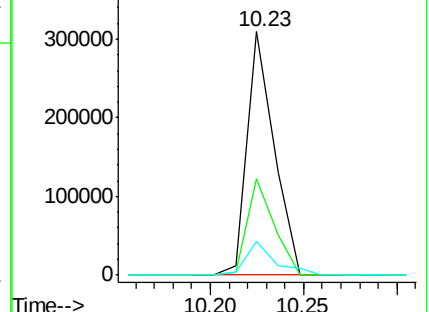
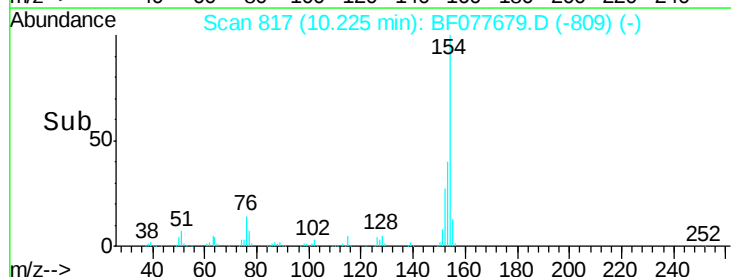
76 13.7 0.0 29.4

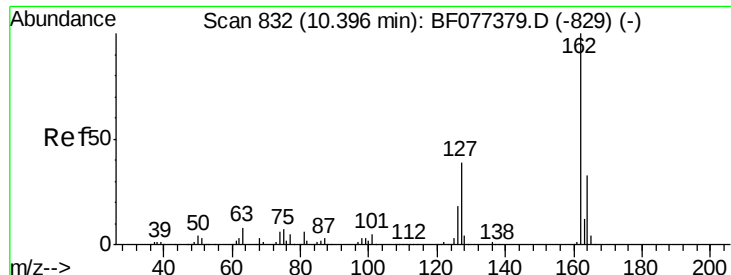


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

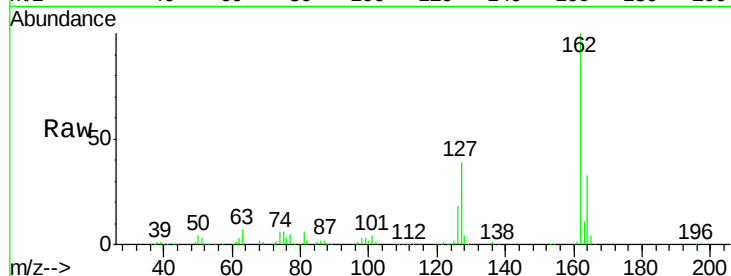




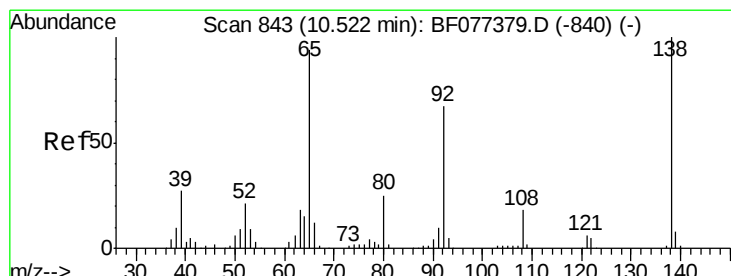
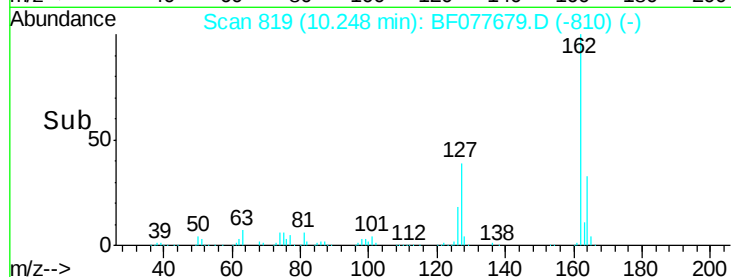
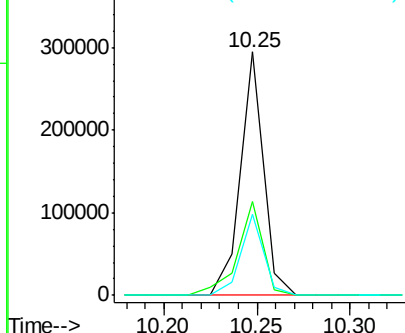
#46  
 2-Chloronaphthalene  
 Concen: 42.29 ng  
 RT: 10.25 min Scan# 819  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.5  | 33.3  | 49.9  |
| 164     | 33.0  | 26.2  | 39.4  |

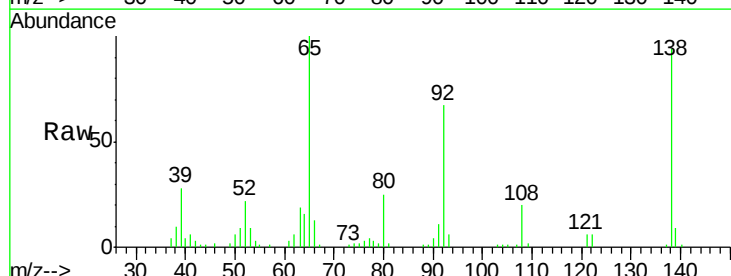


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

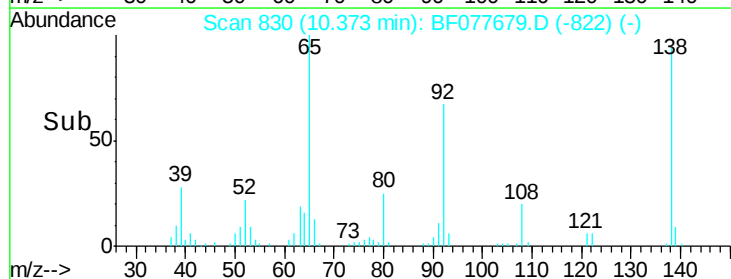
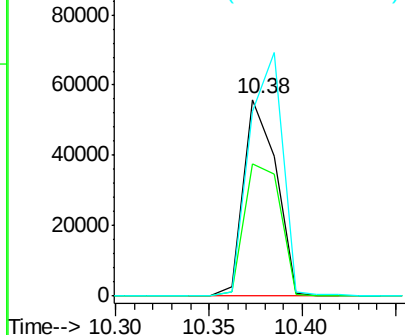


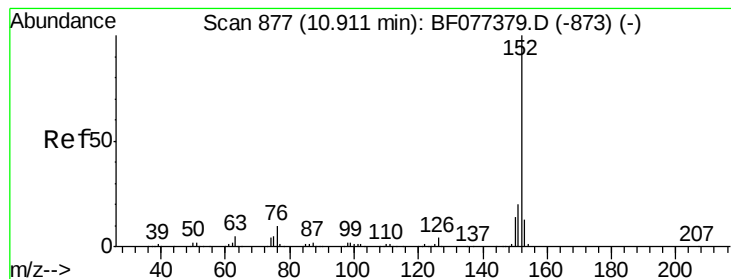
#47  
 2-Nitroaniline  
 Concen: 45.89 ng  
 RT: 10.38 min Scan# 830  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.5  | 52.4  | 78.6  |
| 138     | 94.2  | 73.4  | 110.0 |



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





#48

Acenaphthylene

Concen: 41.99 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

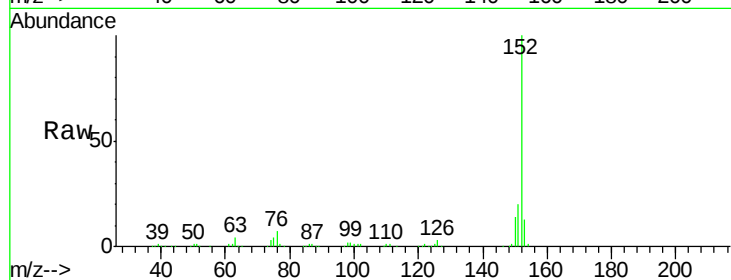
Tgt Ion:152 Resp: 400719

Ion Ratio Lower Upper

152 100

151 19.6 16.1 24.1

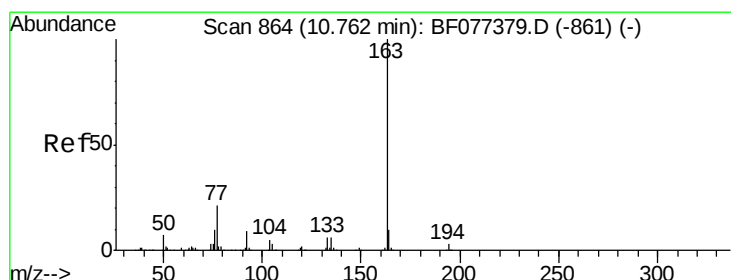
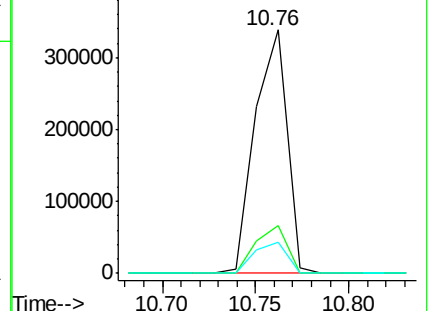
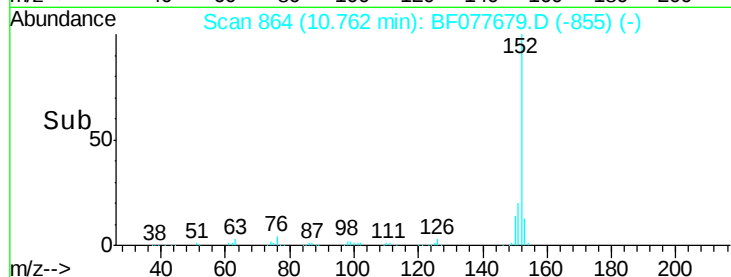
153 12.9 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.26 ng

RT: 10.62 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

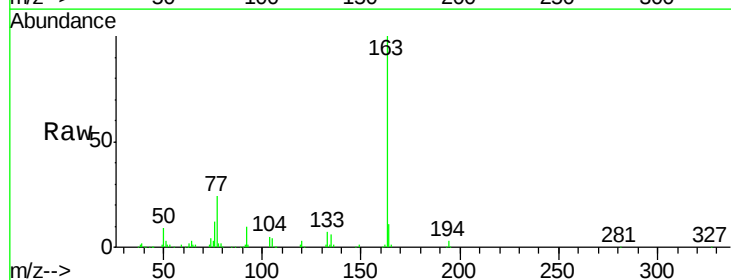
Tgt Ion:163 Resp: 272884

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

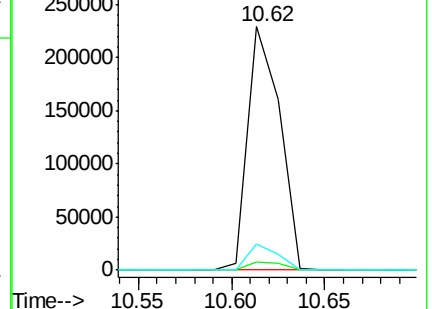
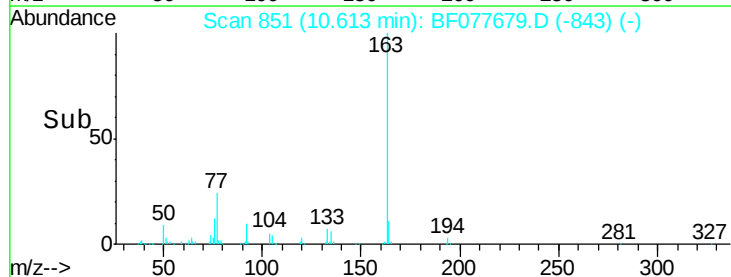
164 10.8 8.6 13.0

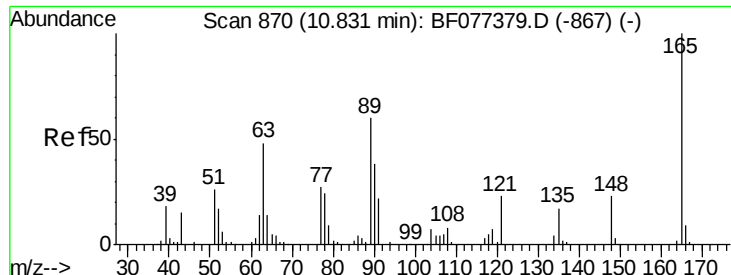


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

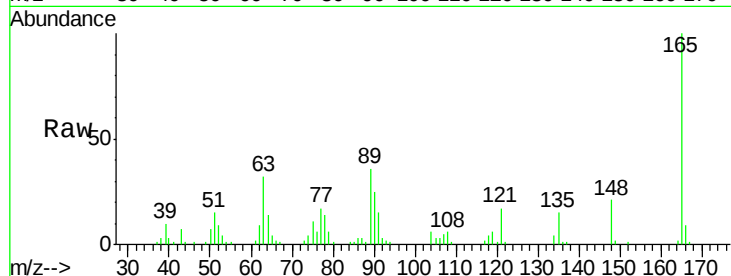




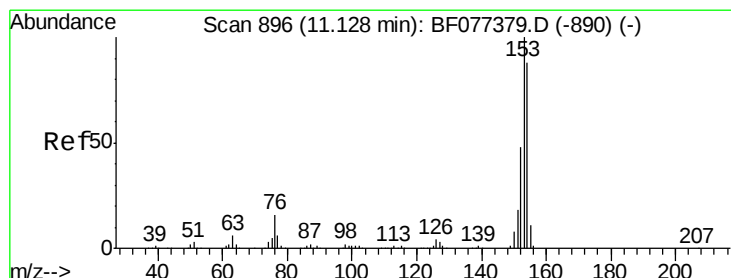
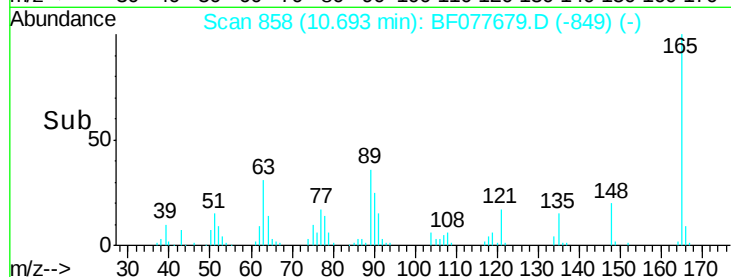
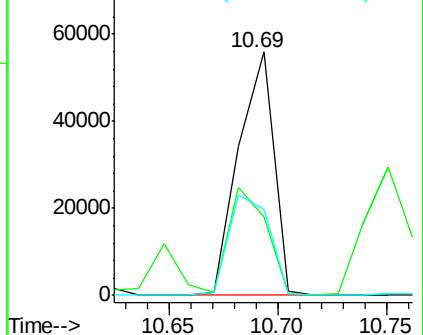
#50  
2,6-Dinitrotoluene  
Concen: 43.93 ng  
RT: 10.69 min Scan# 858  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:165 Resp: 62828  
Ion Ratio Lower Upper  
165 100  
63 32.0 25.2 37.8  
89 35.6 30.5 45.7

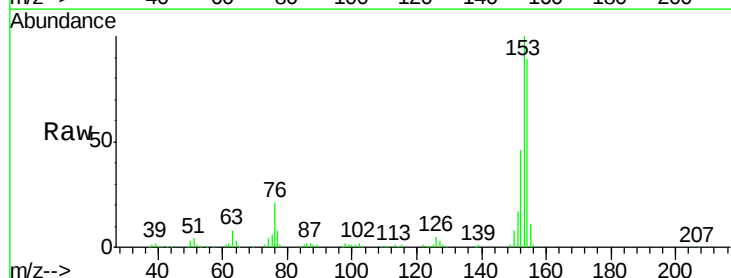


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0

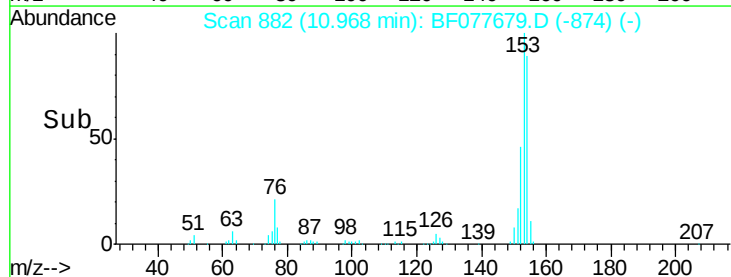
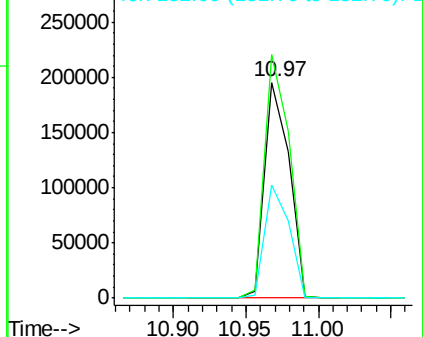


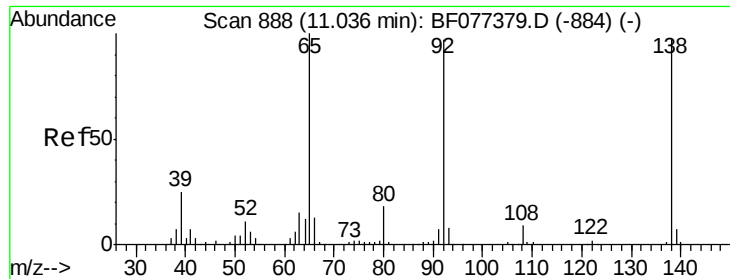
#51  
Acenaphthene  
Concen: 40.47 ng  
RT: 10.97 min Scan# 882  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion:154 Resp: 230475  
Ion Ratio Lower Upper  
154 100  
153 112.9 90.5 135.7  
152 52.4 43.5 65.3



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

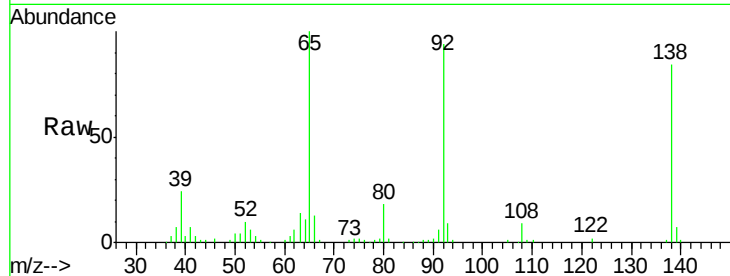




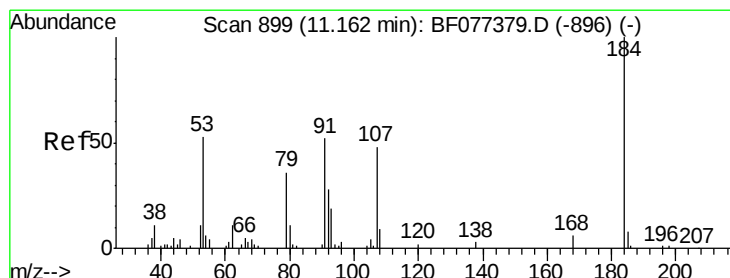
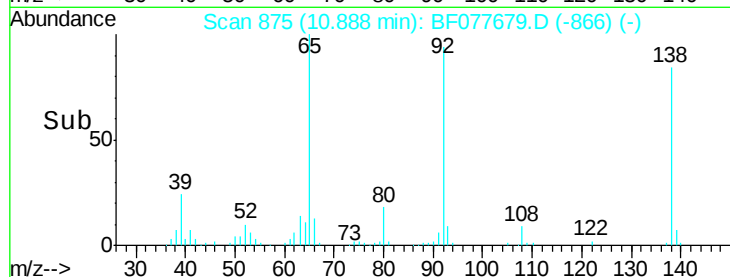
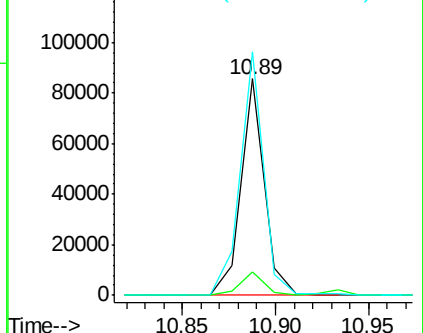
#52  
3-Nitroaniline  
Concen: 45.40 ng  
RT: 10.89 min Scan# 875  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:138 Resp: 74866  
Ion Ratio Lower Upper  
138 100  
108 11.0 7.8 11.8  
92 112.5 90.6 135.8

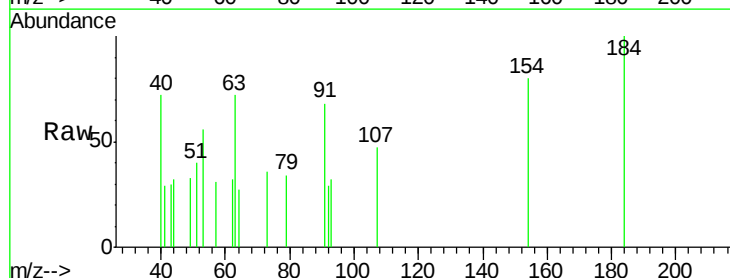


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0

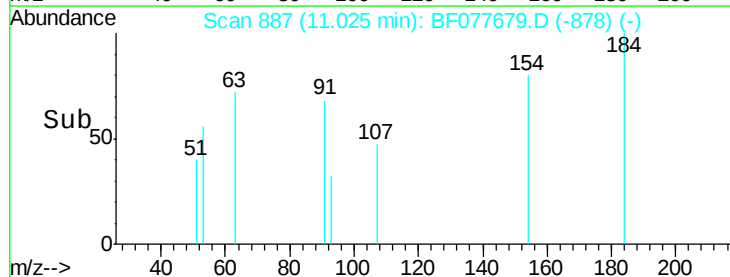
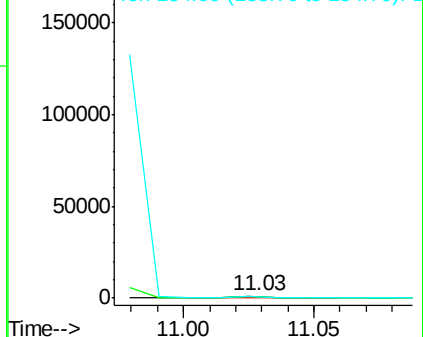


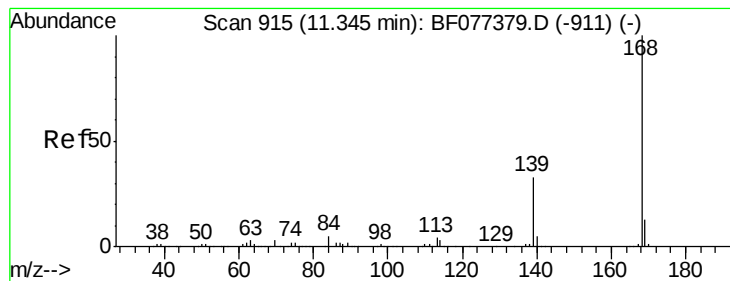
#53  
2,4-Dinitrophenol  
Concen: 2.51 ng  
RT: 11.03 min Scan# 887  
Delta R.T. 0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion:184 Resp: 1094  
Ion Ratio Lower Upper  
184 100  
63 72.4 29.5 44.3#  
154 80.5 43.2 64.8#



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





#54

Dibenzofuran

Concen: 40.13 ng

RT: 11.19 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

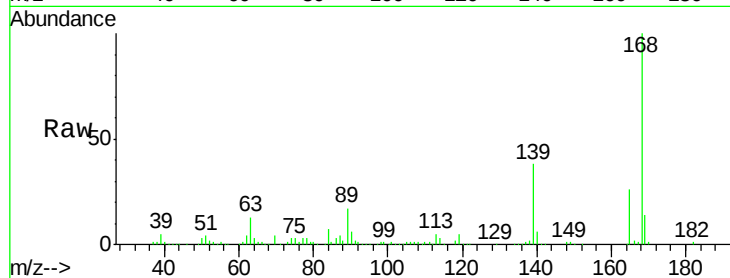
Tgt Ion:168 Resp: 352880

Ion Ratio Lower Upper

168 100

139 37.7 29.3 43.9

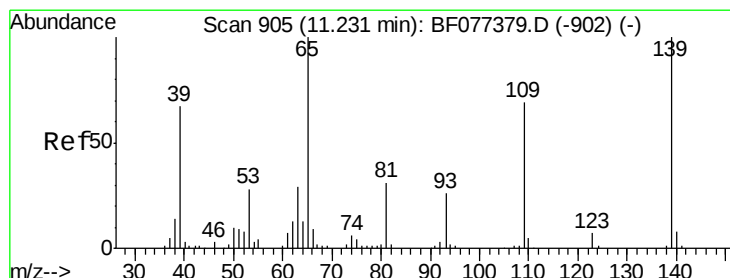
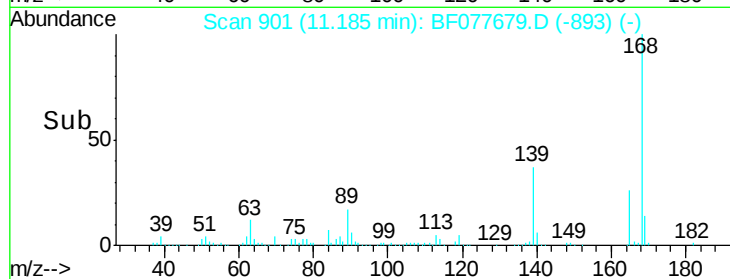
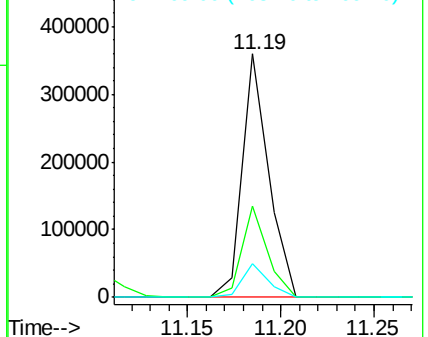
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 28.21 ng

RT: 11.11 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

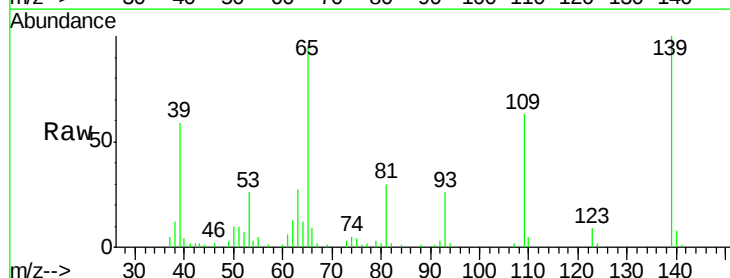
Tgt Ion:139 Resp: 37418

Ion Ratio Lower Upper

139 100

109 63.1 36.2 76.2

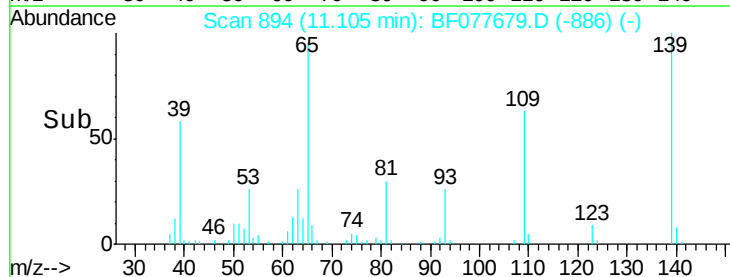
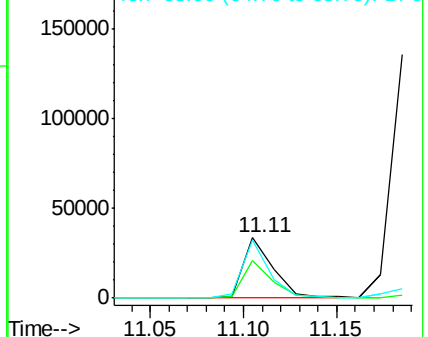
65 95.1 40.3 80.3#

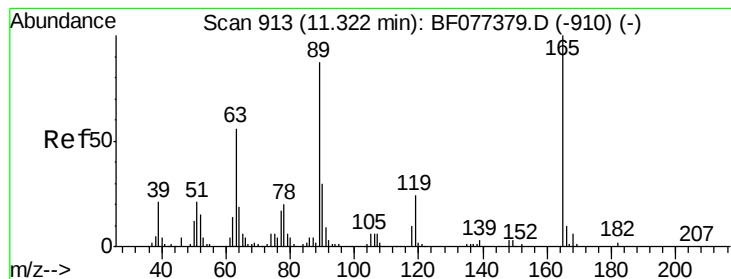


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 42.39 ng

RT: 11.18 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

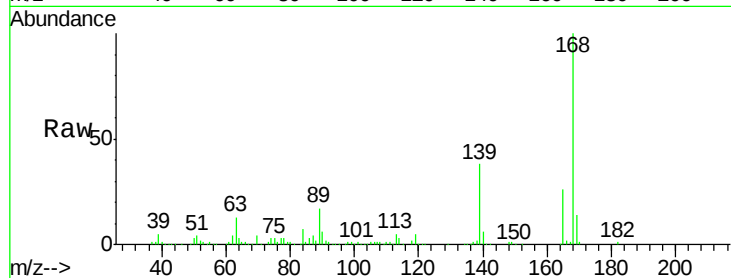
Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 81917 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 48.9  | 29.8  | 44.8# |
| 89       | 67.2  | 48.5  | 72.7  |
| 182      | 2.5   | 1.9   | 2.9   |

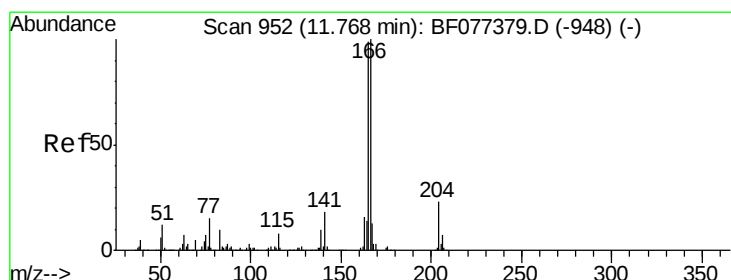
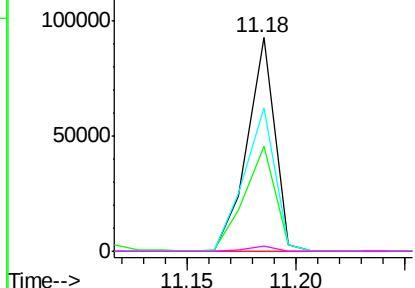
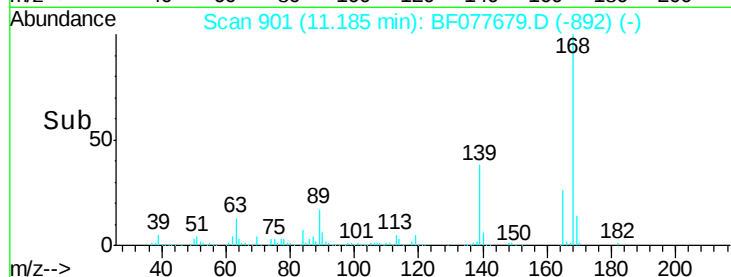


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.11 ng

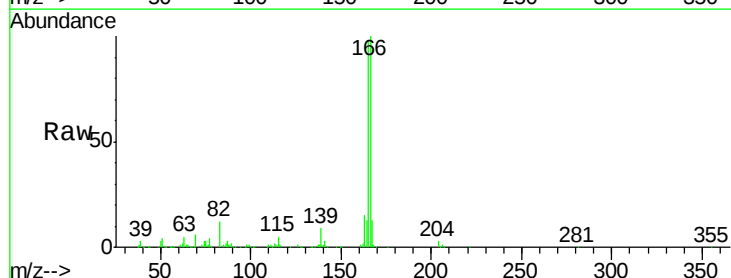
RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

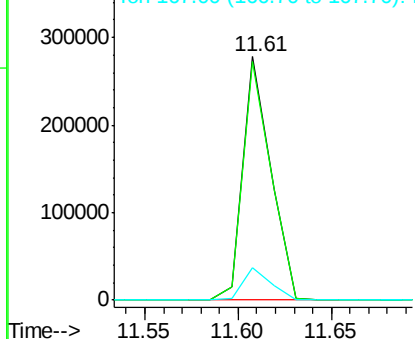
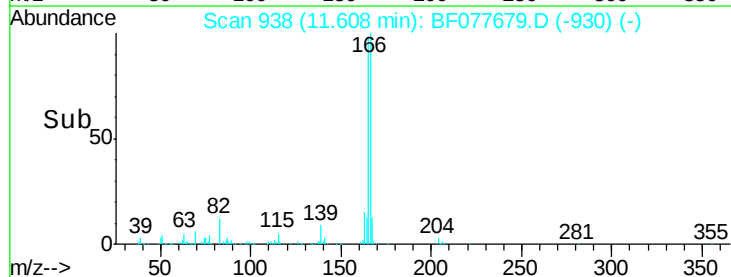
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 289039 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.1  | 77.6  | 116.4  |
| 167      | 13.3  | 10.6  | 16.0   |

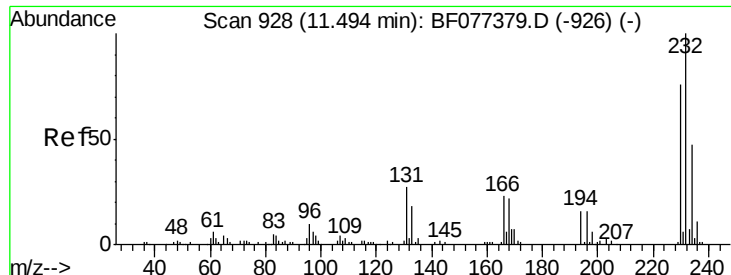


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

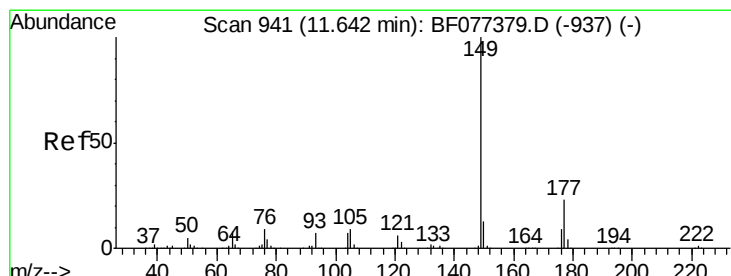
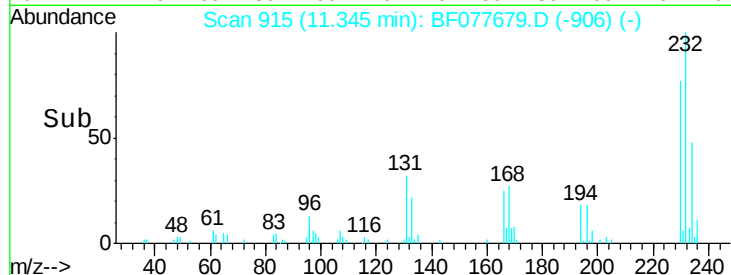
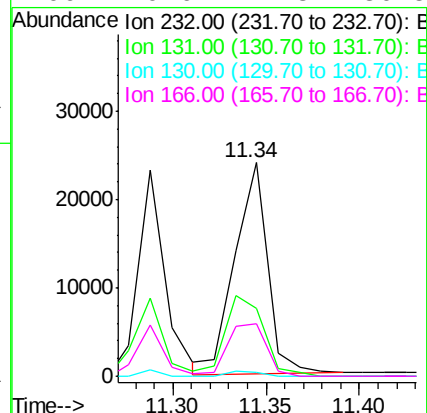
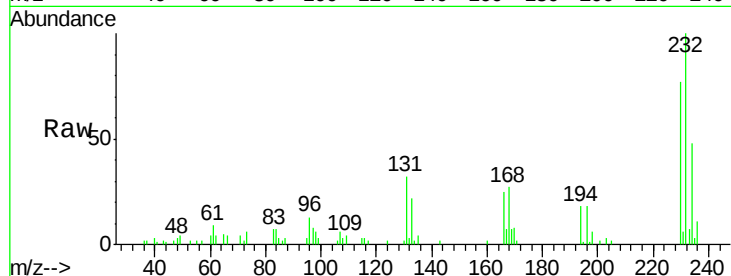




#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 17.69 ng  
 RT: 11.34 min Scan# 915  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

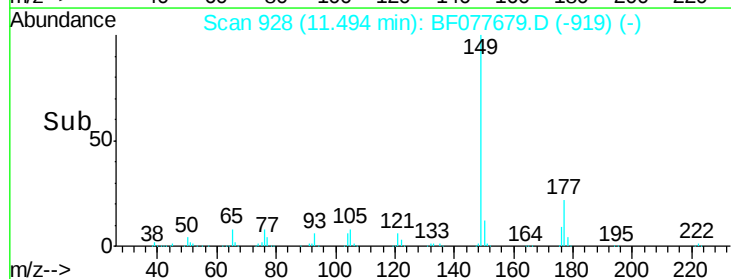
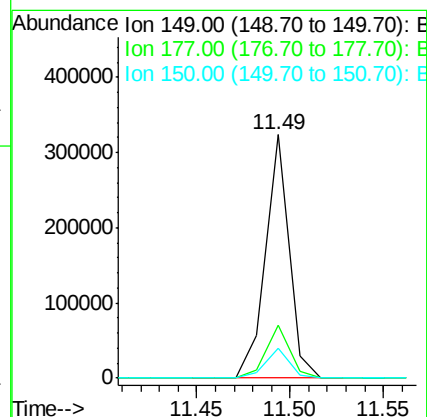
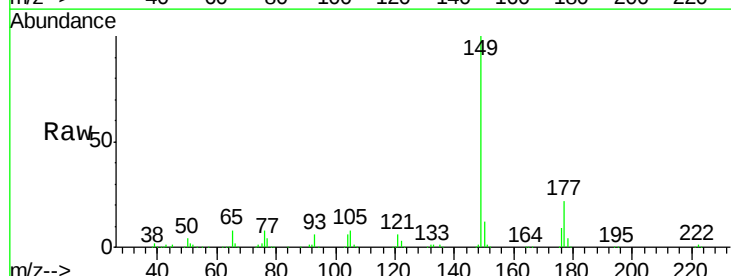
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

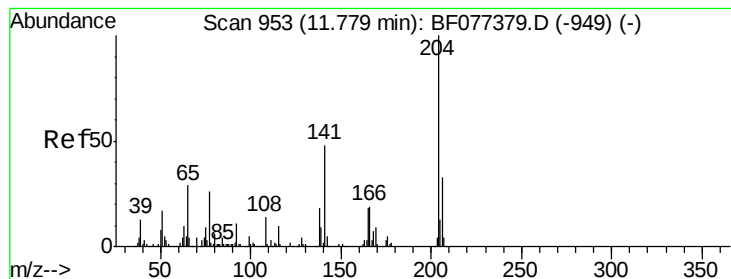
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 29318 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 44.8  | 34.2  | 51.2  |
| 130      | 2.2   | 1.8   | 2.6   |
| 166      | 29.6  | 24.3  | 36.5  |



#59  
 Diethylphthalate  
 Concen: 39.98 ng  
 RT: 11.49 min Scan# 928  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 281140 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.6  | 17.2  | 25.8   |
| 150      | 12.3  | 10.5  | 15.7   |





#60

4-Chlorophenyl-phenylether

Concen: 39.29 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

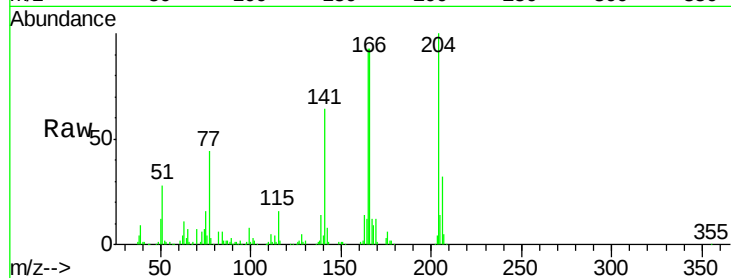
Tgt Ion:204 Resp: 133076

Ion Ratio Lower Upper

204 100

206 32.4 25.9 38.9

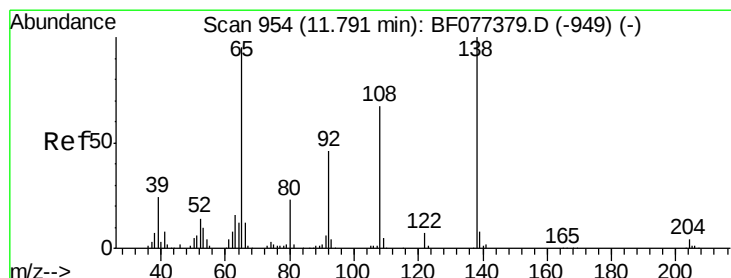
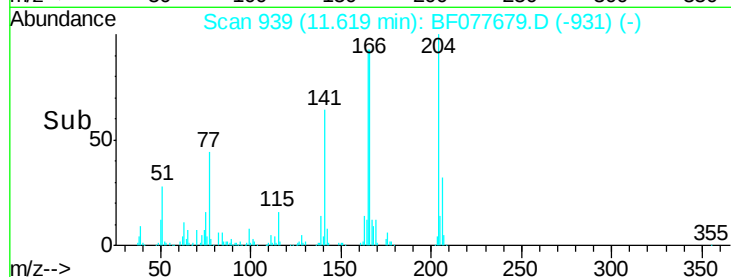
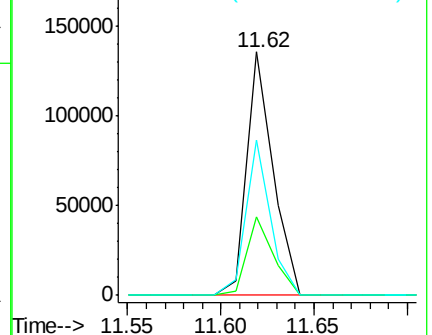
141 63.9 43.6 65.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 51.45 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

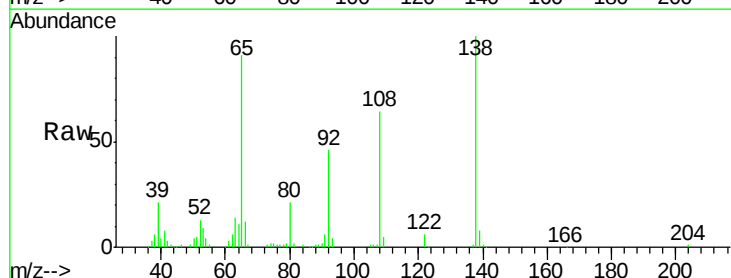
Tgt Ion:138 Resp: 81318

Ion Ratio Lower Upper

138 100

92 45.5 32.8 72.8

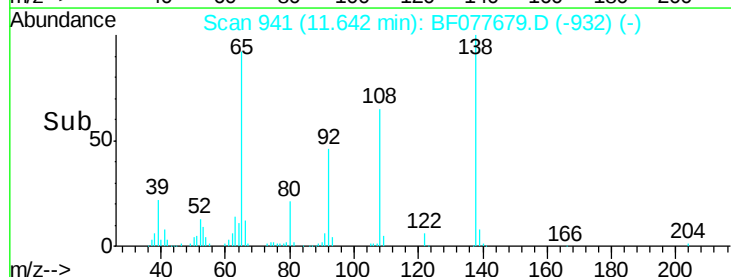
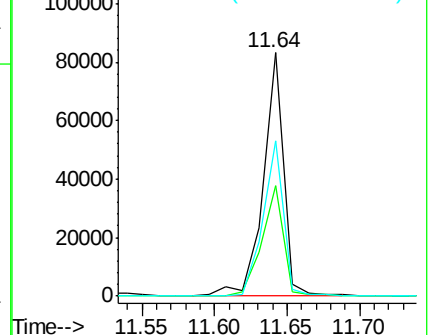
108 64.0 52.1 92.1

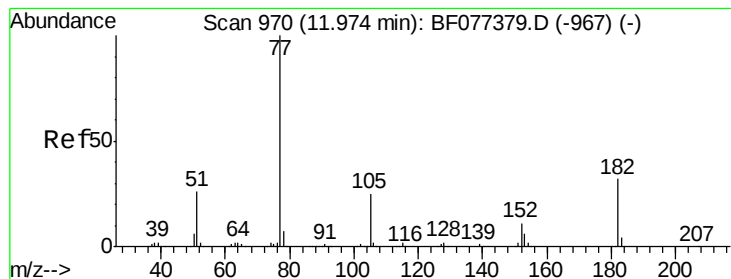


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 38.68 ng

RT: 11.82 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 258015

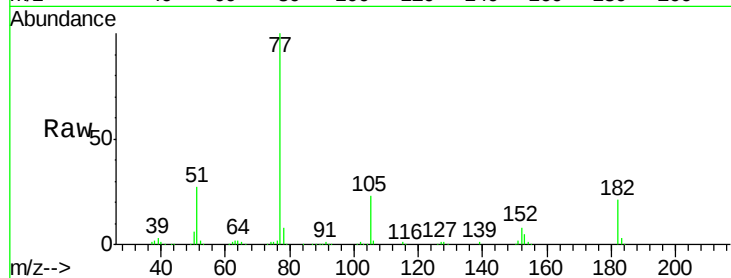
Ion Ratio Lower Upper

77 100

182 21.0 4.9 44.9

105 22.8 3.3 43.3

51 27.2 8.9 48.9

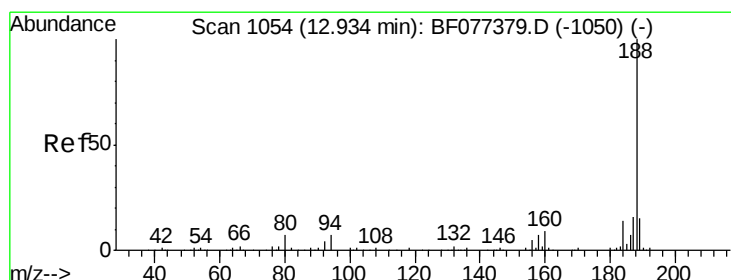
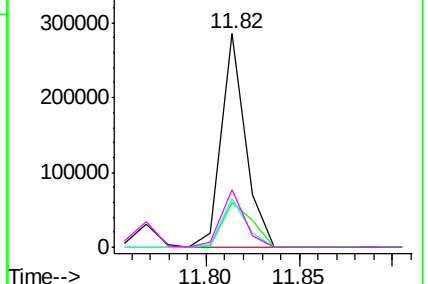
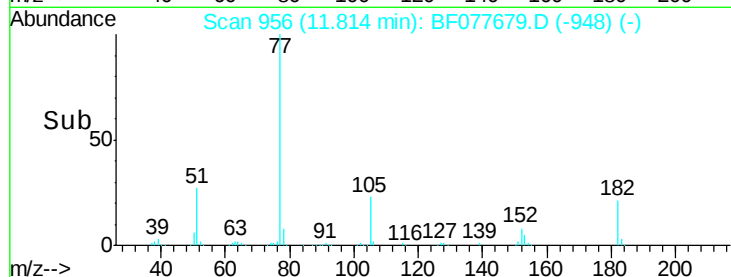


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

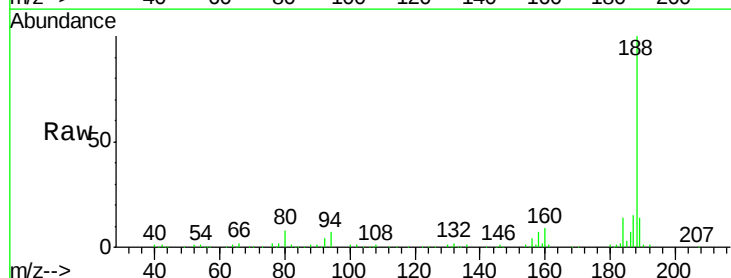
Tgt Ion: 188 Resp: 227251

Ion Ratio Lower Upper

188 100

94 7.4 7.4 11.2#

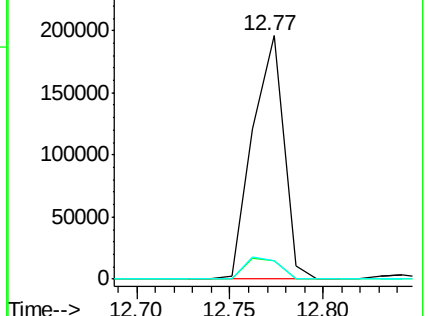
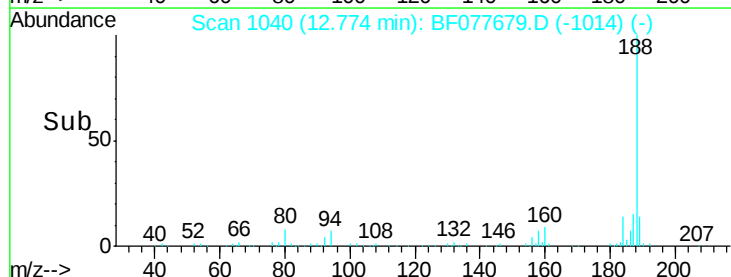
80 7.6 8.0 12.0#

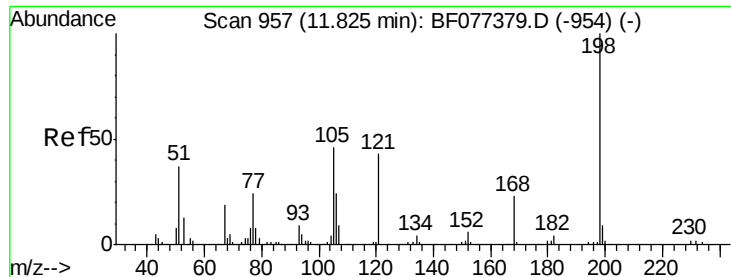


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

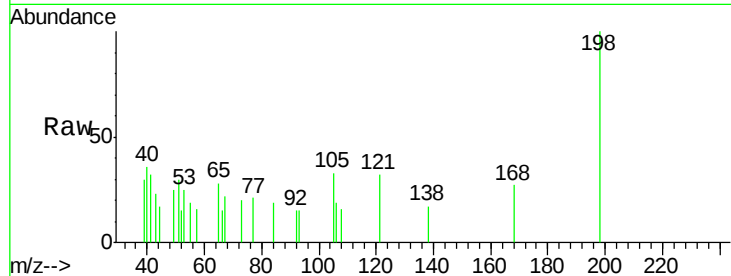




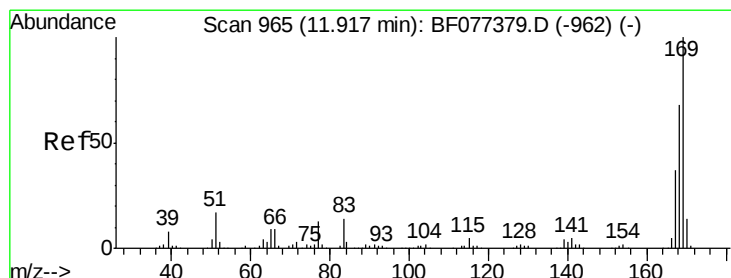
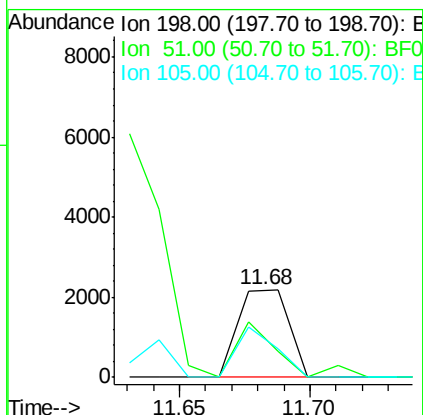
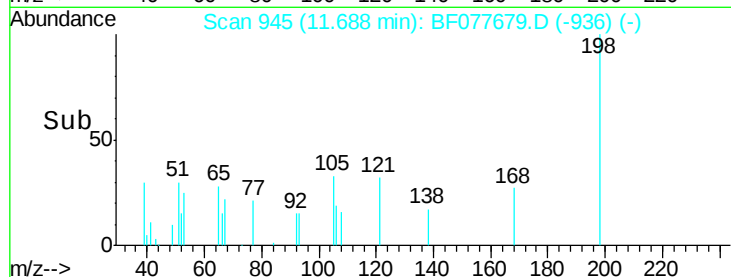
#64  
4,6-Dinitro-2-methylphenol  
Concen: 6.75 ng  
RT: 11.68 min Scan# 945  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:198 Resp: 2981  
Ion Ratio Lower Upper  
198 100  
51 30.3 2.7 42.7  
105 32.8 10.0 50.0

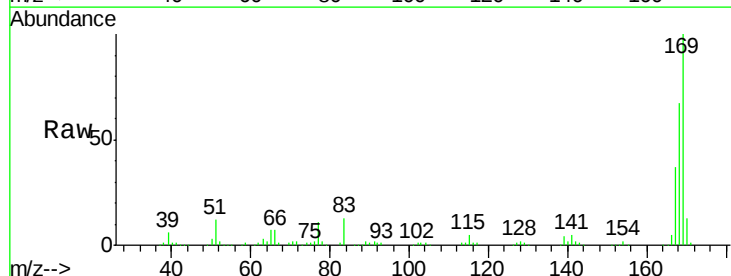


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E

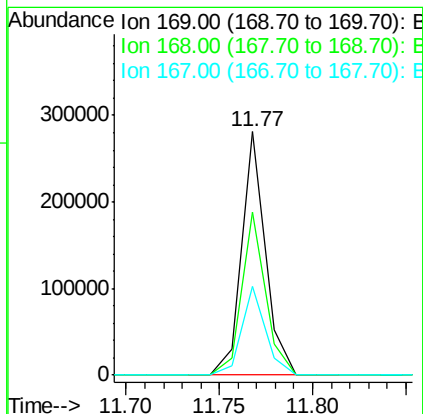
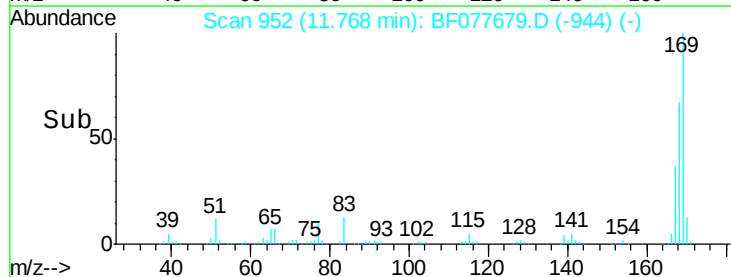


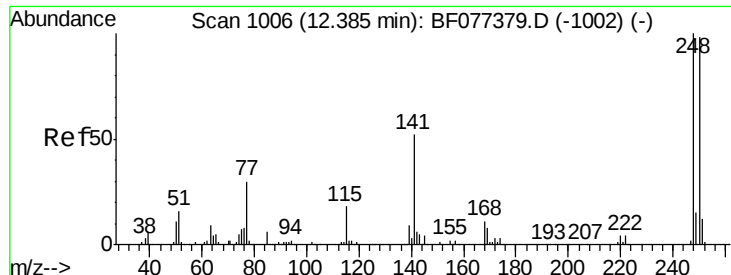
#65  
n-Nitrosodiphenylamine  
Concen: 33.11 ng  
RT: 11.77 min Scan# 952  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion:169 Resp: 249692  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.0 79.6  
167 36.6 29.5 44.3



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

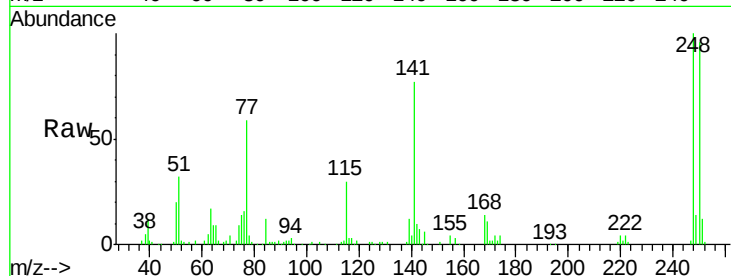




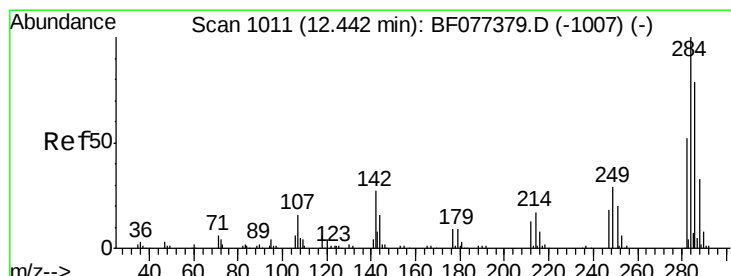
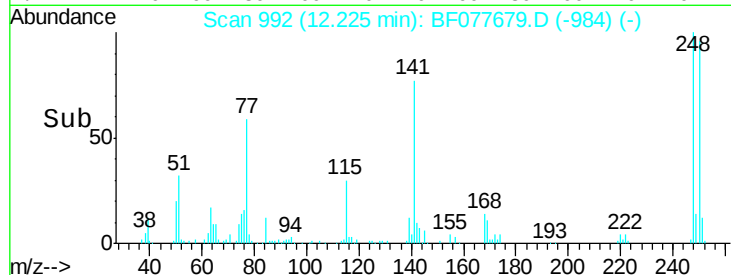
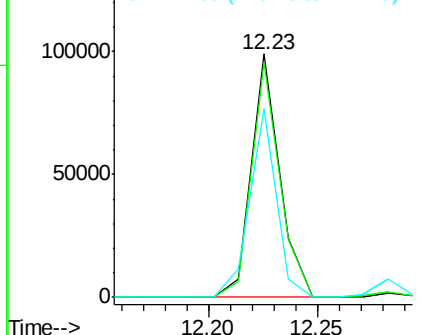
#66  
 4-Bromophenyl-phenylether  
 Concen: 33.69 ng  
 RT: 12.23 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:248 Resp: 89654  
 Ion Ratio Lower Upper  
 248 100  
 250 96.5 78.0 117.0  
 141 77.4 54.1 81.1

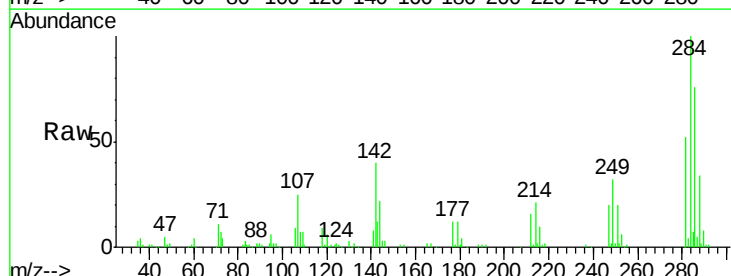


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

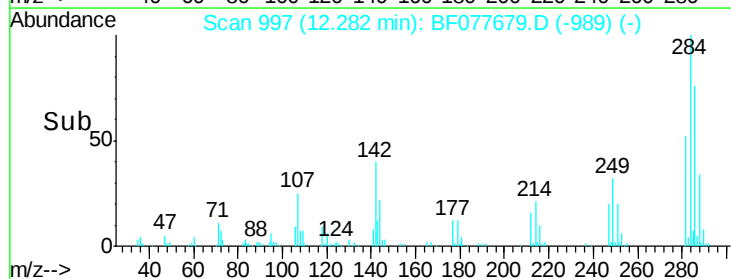
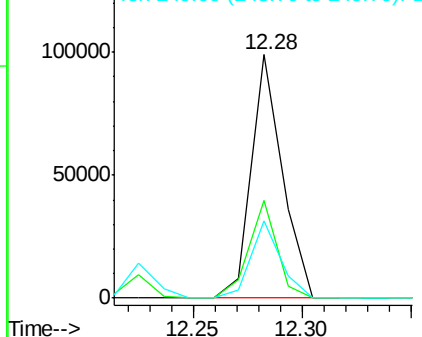


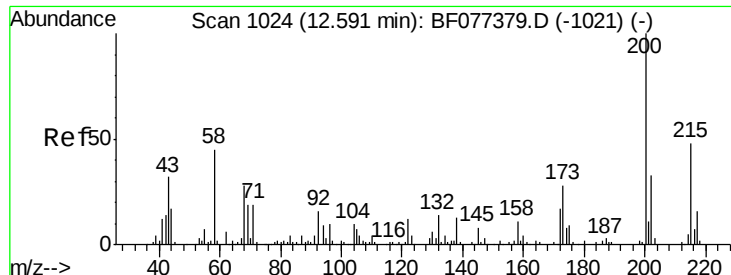
#67  
 Hexachlorobenzene  
 Concen: 34.34 ng  
 RT: 12.28 min Scan# 997  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Tgt Ion:284 Resp: 98095  
 Ion Ratio Lower Upper  
 284 100  
 142 39.9 31.6 47.4  
 249 31.6 27.0 40.4



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

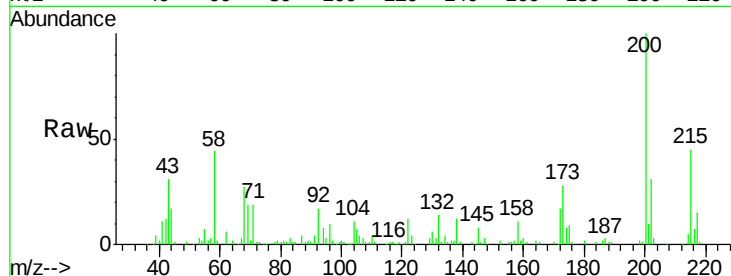




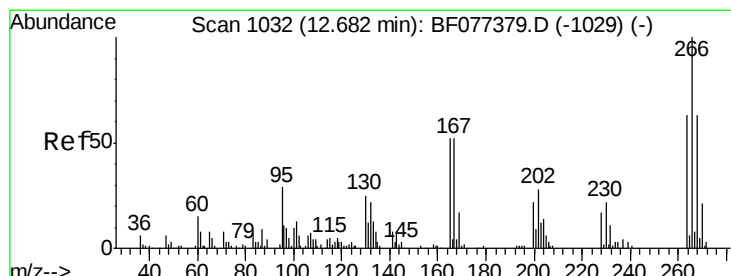
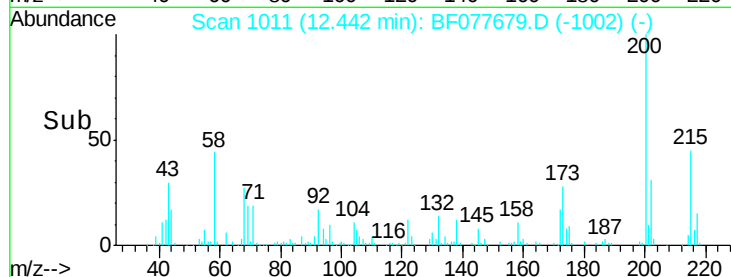
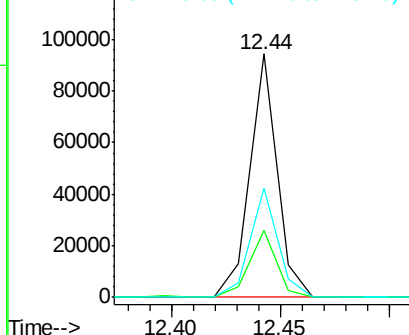
#68  
 Atrazine  
 Concen: 33.54 ng  
 RT: 12.44 min Scan# 1011  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:200 Resp: 82221  
 Ion Ratio Lower Upper  
 200 100  
 173 27.6 9.6 49.6  
 215 44.6 24.4 64.4

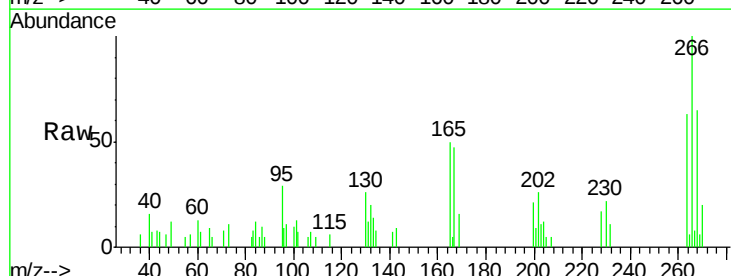


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

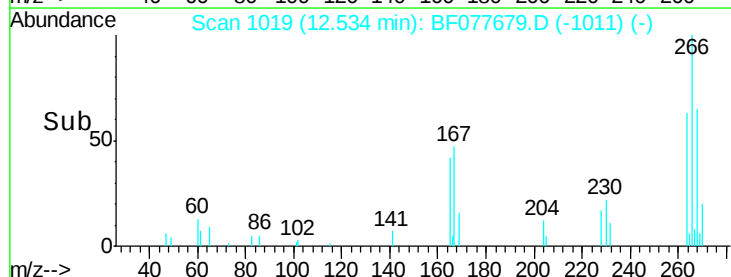
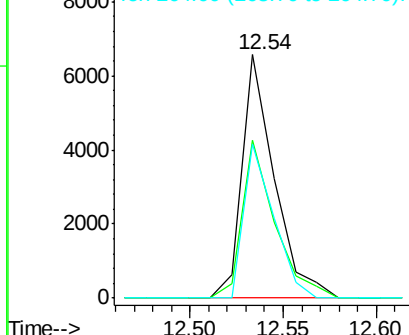


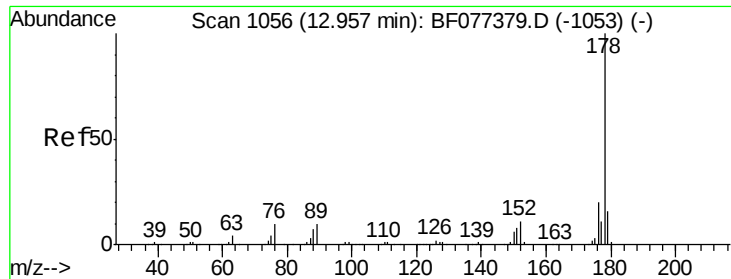
#69  
 Pentachlorophenol  
 Concen: 5.29 ng  
 RT: 12.54 min Scan# 1019  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Tgt Ion:266 Resp: 7939  
 Ion Ratio Lower Upper  
 266 100  
 268 65.0 51.2 76.8  
 264 63.4 50.7 76.1



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

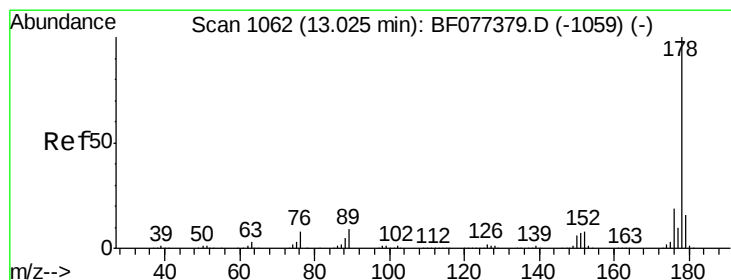
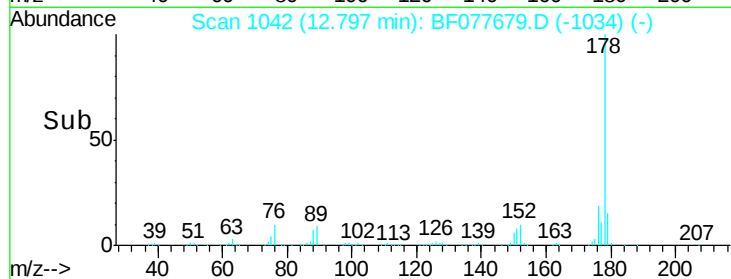
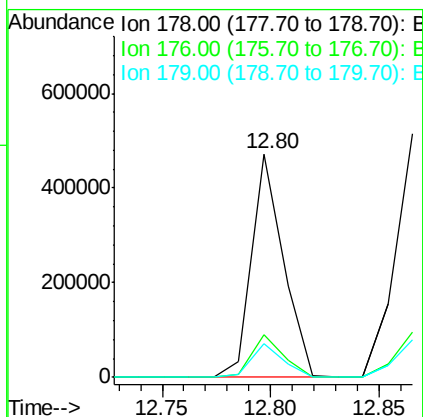
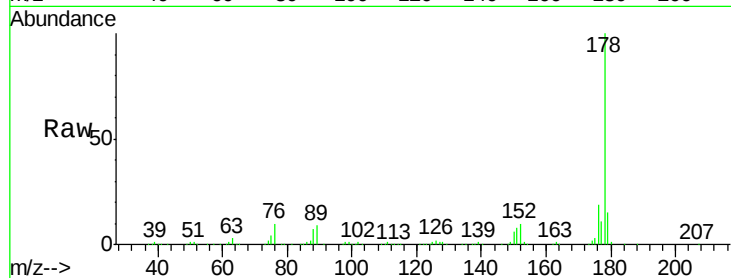




#70  
Phenanthrene  
Concen: 36.45 ng  
RT: 12.80 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

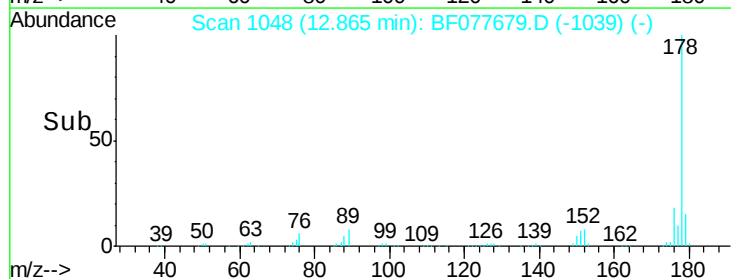
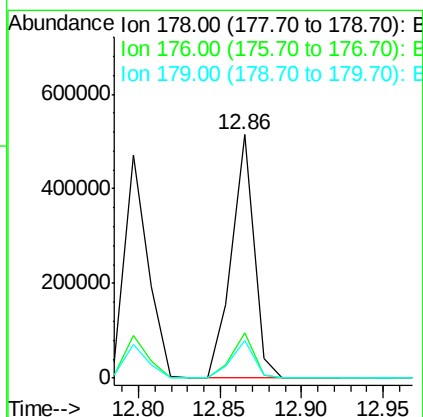
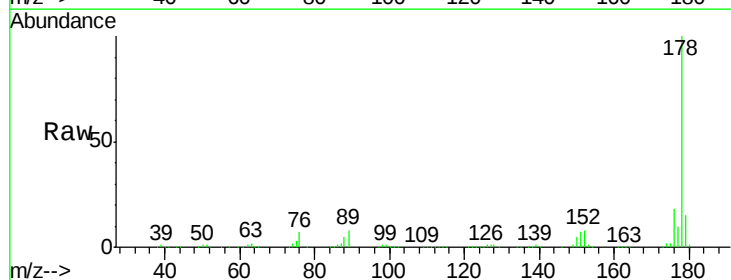
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

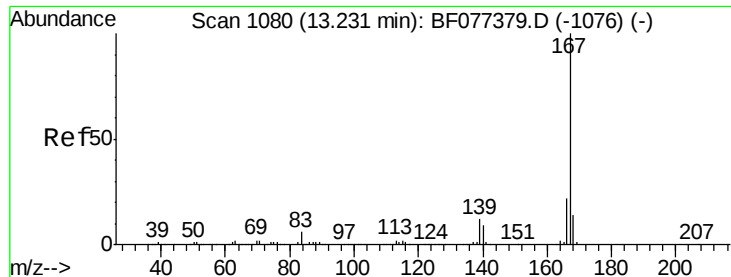
Tgt Ion:178 Resp: 480100  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.5 23.3  
179 15.4 12.2 18.2



#71  
Anthracene  
Concen: 37.57 ng  
RT: 12.86 min Scan# 1048  
Delta R.T. -0.00 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion:178 Resp: 491037  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.4 23.0  
179 15.2 12.9 19.3





#72

Carbazole

Concen: 38.80 ng

RT: 13.07 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

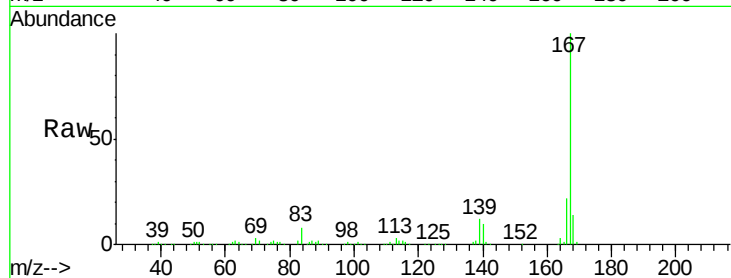
Tgt Ion:167 Resp: 482198

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

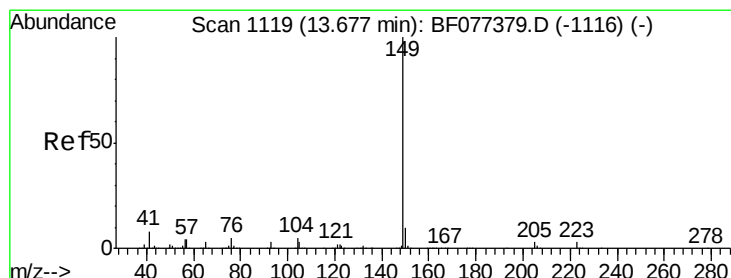
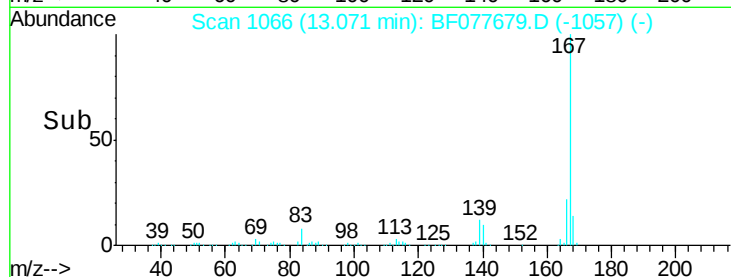
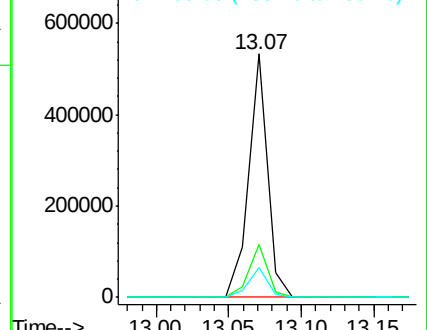
139 12.5 9.9 14.9



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: 36.39 ng

RT: 13.53 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

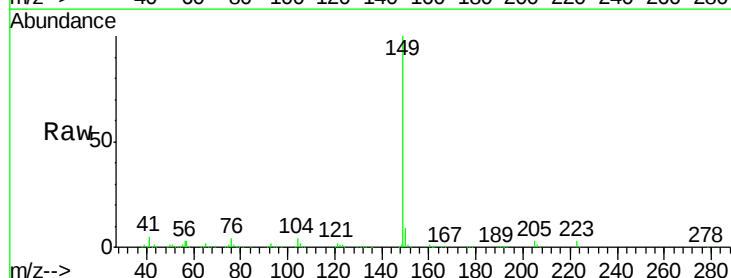
Tgt Ion:149 Resp: 531139

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.8

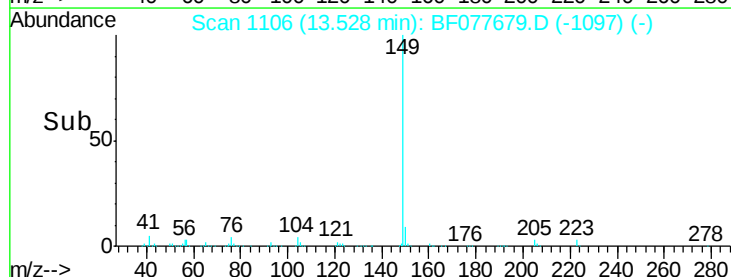
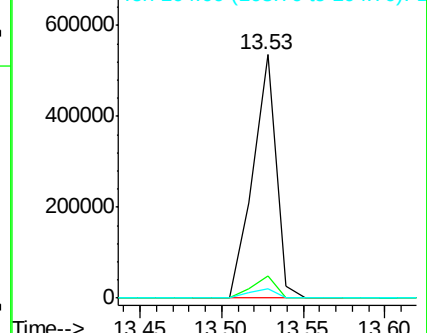
104 4.1 4.1 6.1

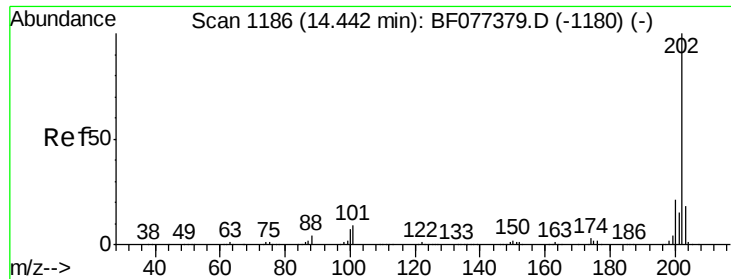


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

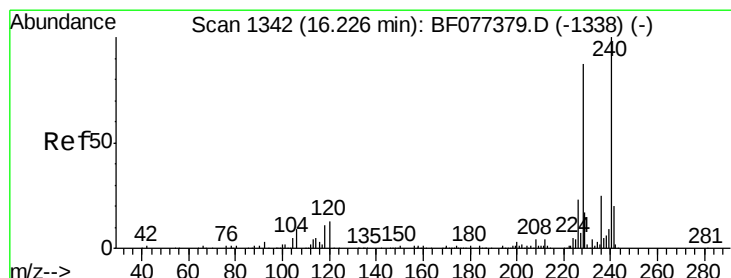
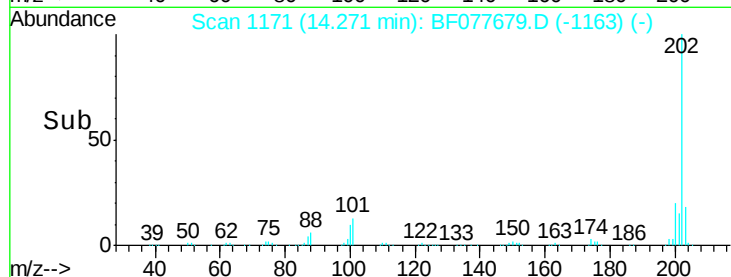
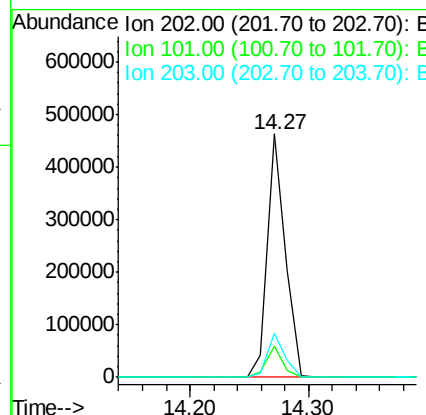
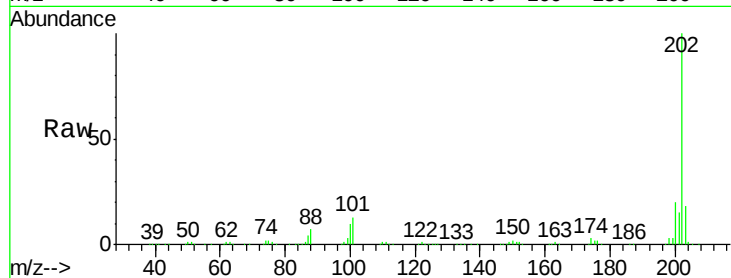




#74  
 Fluoranthene  
 Concen: 34.12 ng  
 RT: 14.27 min Scan# 1171  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

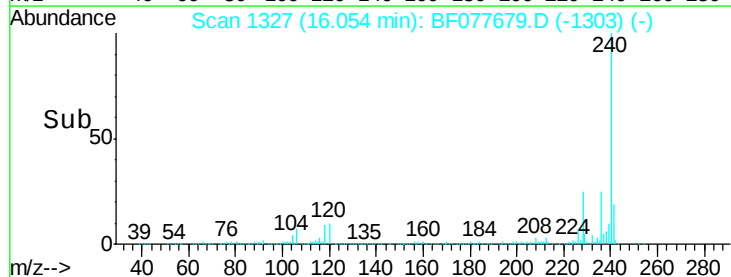
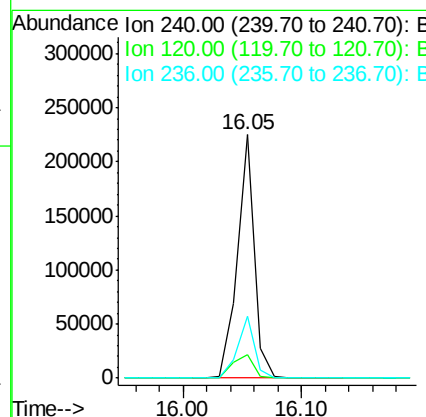
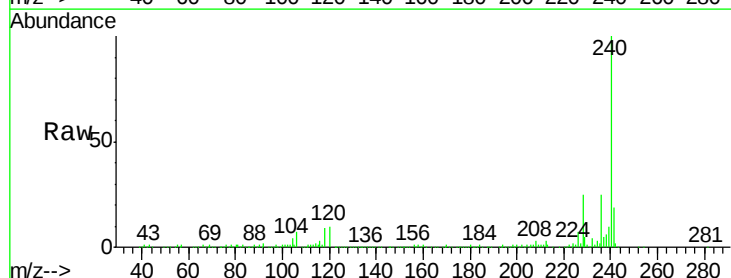
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

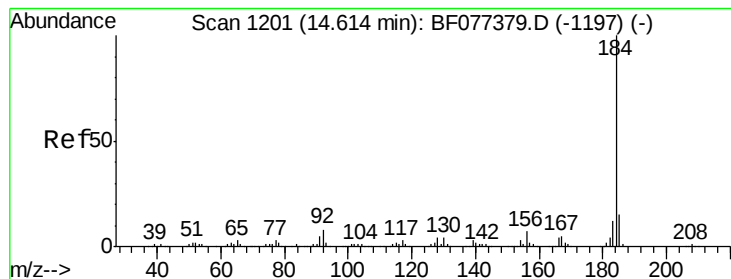
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.9  | 0.0   | 30.8  |
| 203     | 17.9  | 0.0   | 37.7  |



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 16.05 min Scan# 1327  
 Delta R.T. -0.03 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.6   | 8.8   | 13.2  |
| 236     | 25.3  | 20.7  | 31.1  |





#76

Benzidine

Concen: 49.96 ng

RT: 14.46 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

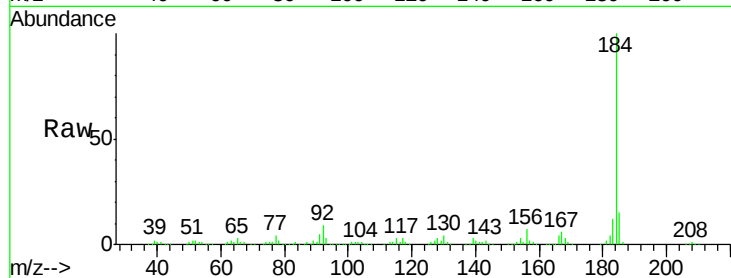
Tgt Ion:184 Resp: 379715

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

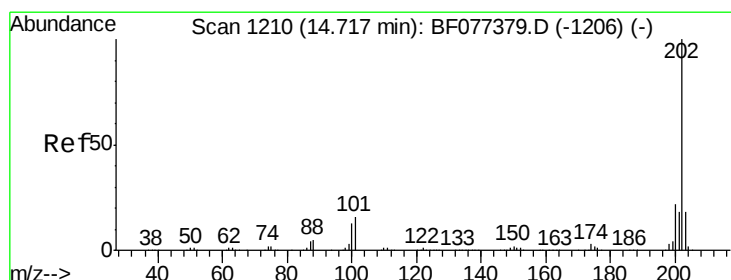
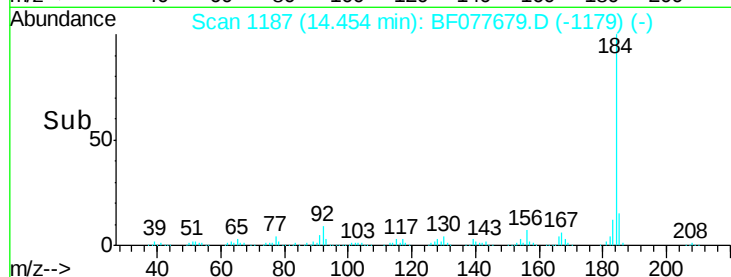
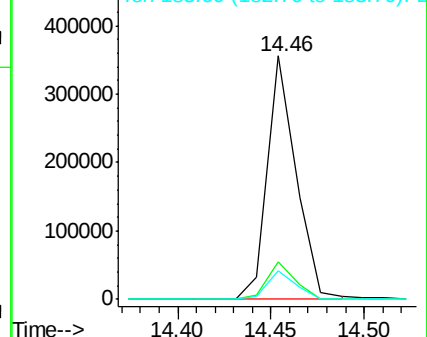
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.04 ng

RT: 14.55 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

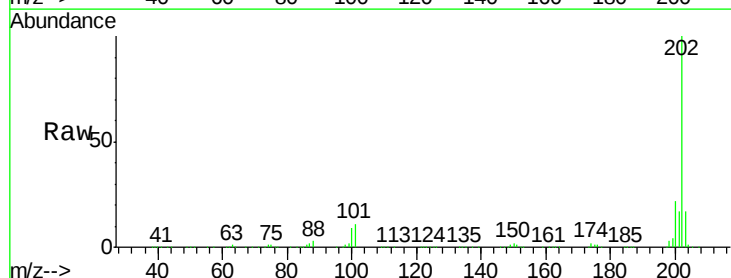
Tgt Ion:202 Resp: 523493

Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

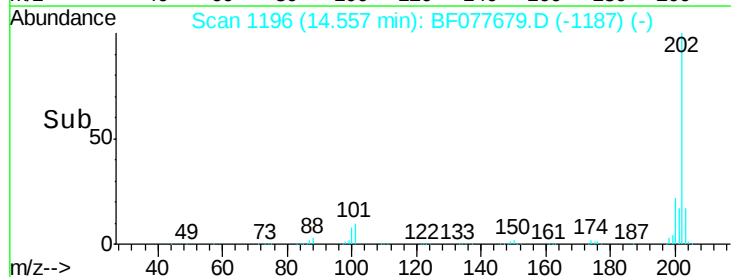
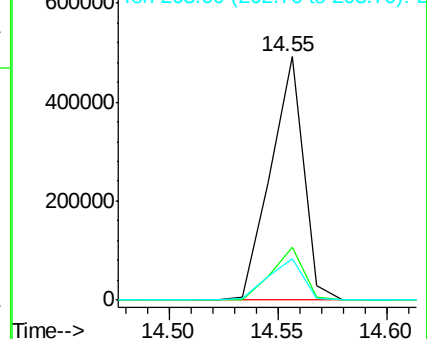
203 17.3 14.2 21.2

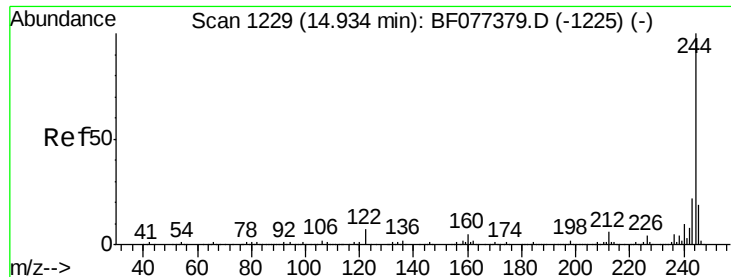


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

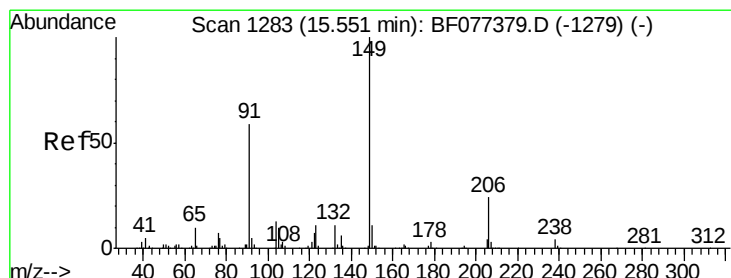
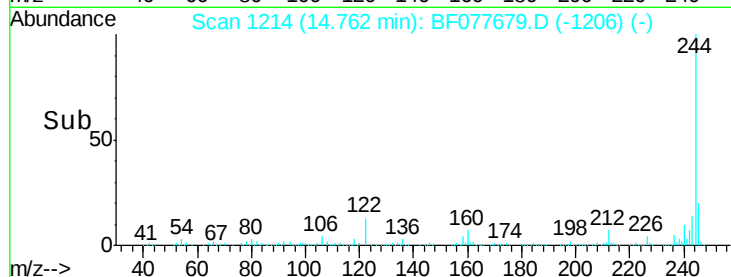
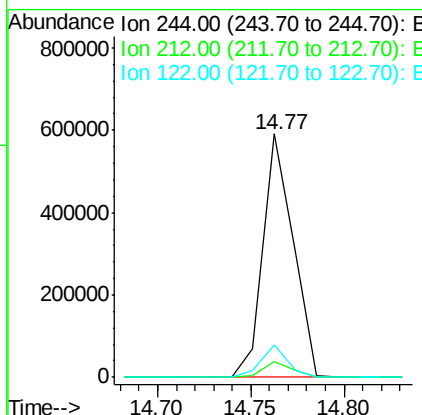
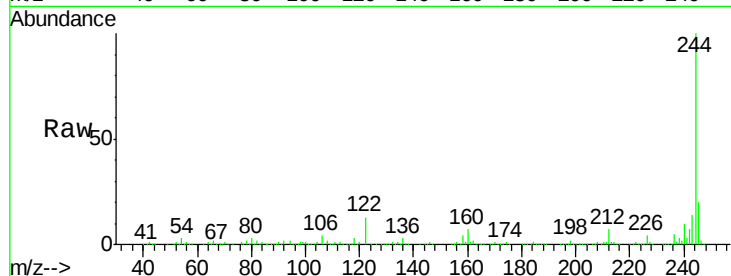




#78  
 Terphenyl-d14  
 Concen: 68.66 ng  
 RT: 14.77 min Scan# 1214  
 Delta R.T. -0.00 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

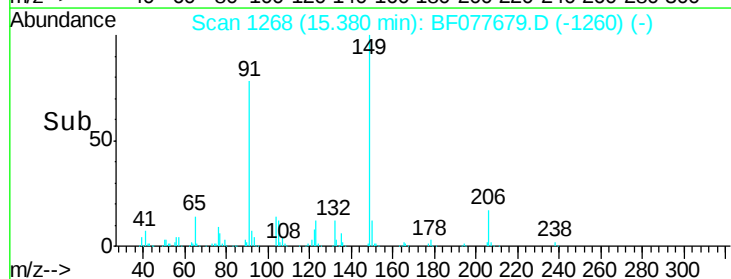
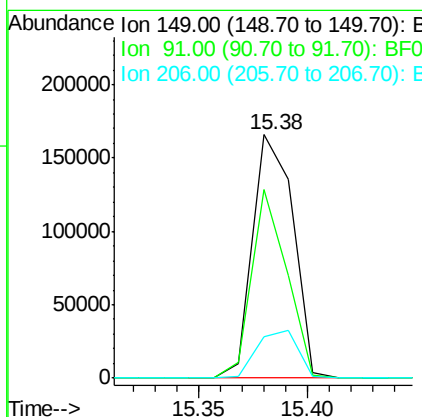
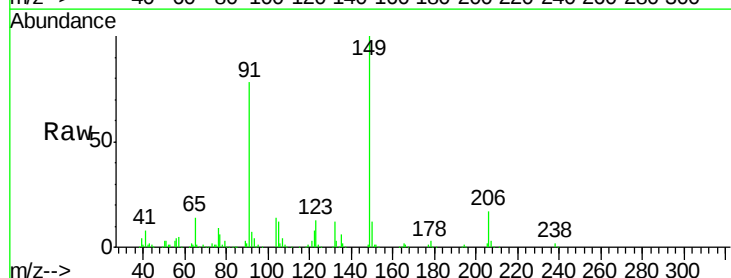
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

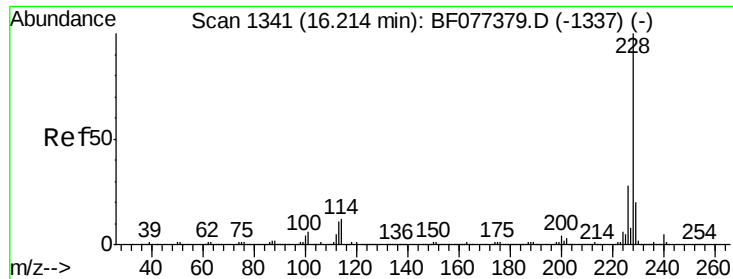
Tgt Ion: 244 Resp: 660662  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.2 7.8  
 122 13.5 7.8 11.8#



#79  
 Butylbenzylphthalate  
 Concen: 38.21 ng  
 RT: 15.38 min Scan# 1268  
 Delta R.T. -0.01 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Tgt Ion: 149 Resp: 216314  
 Ion Ratio Lower Upper  
 149 100  
 91 77.7 51.2 76.8#  
 206 16.8 17.8 26.8#

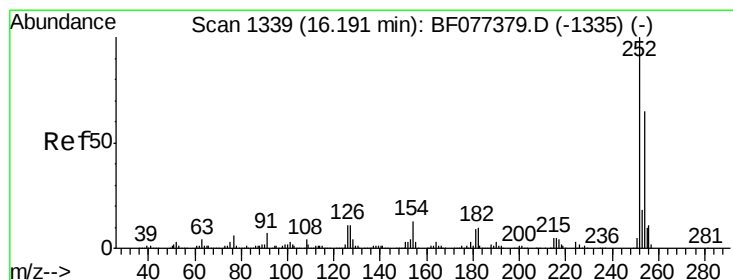
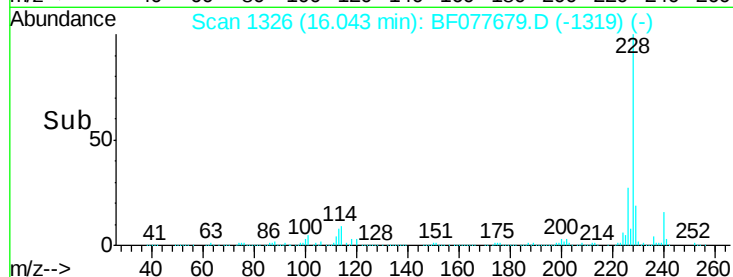
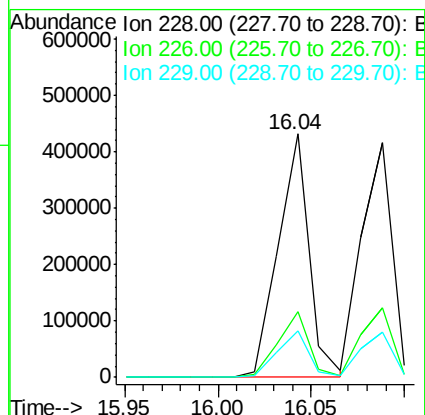
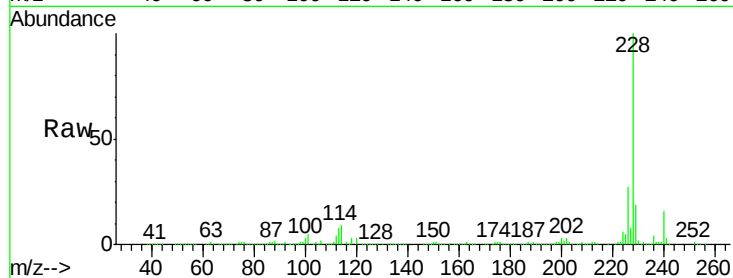




#80  
Benzo(a)anthracene  
Concen: 37.63 ng  
RT: 16.04 min Scan# 1326  
Delta R.T. -0.03 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

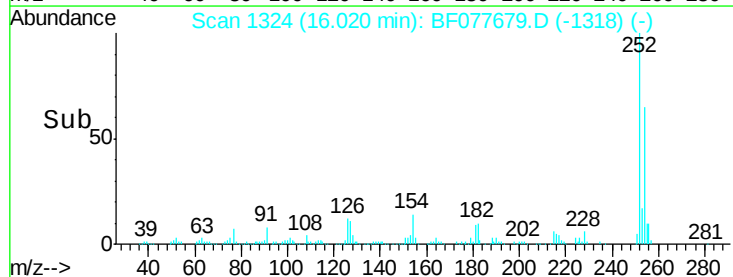
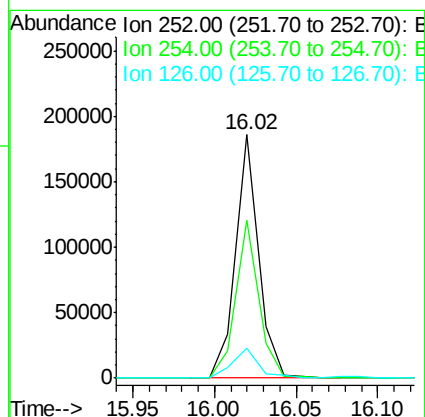
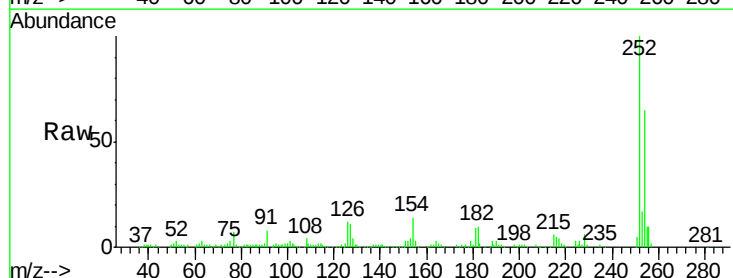
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

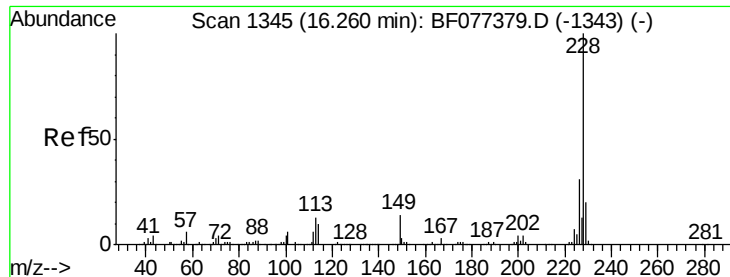
Tgt Ion:228 Resp: 496182  
Ion Ratio Lower Upper  
228 100  
226 26.9 22.0 33.0  
229 19.3 15.8 23.8



#81  
3,3'-Dichlorobenzidine  
Concen: 37.33 ng  
RT: 16.02 min Scan# 1324  
Delta R.T. -0.03 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion:252 Resp: 180326  
Ion Ratio Lower Upper  
252 100  
254 64.6 52.9 79.3  
126 12.0 7.3 10.9#





#82

Chrysene

Concen: 37.99 ng

RT: 16.08 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

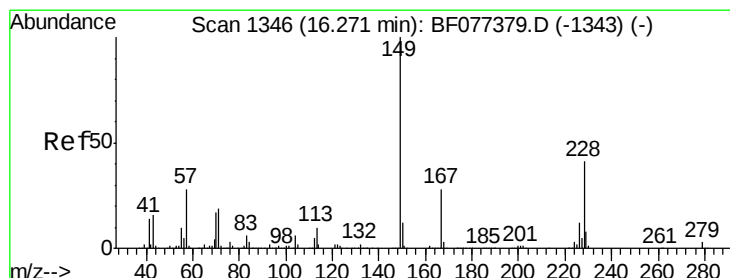
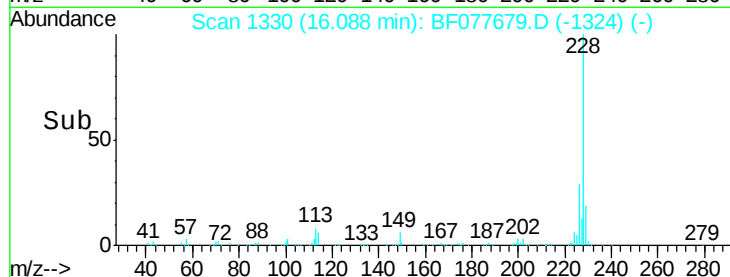
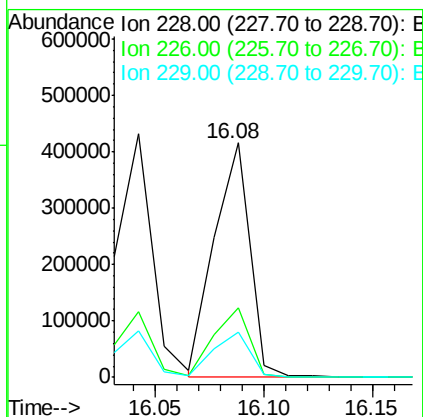
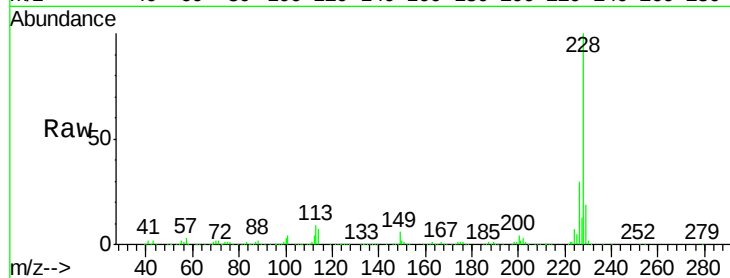
Tgt Ion:228 Resp: 470262

Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

229 19.3 16.4 24.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 34.21 ng

RT: 16.10 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

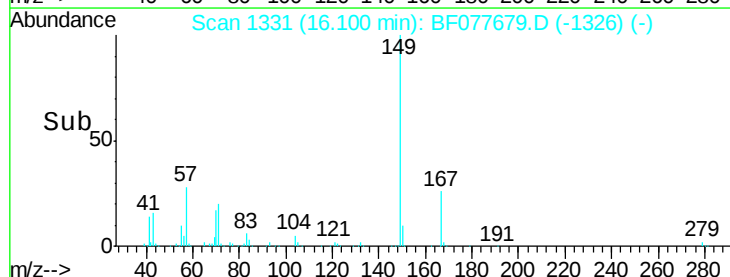
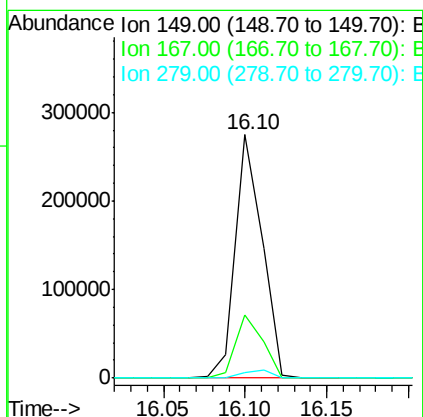
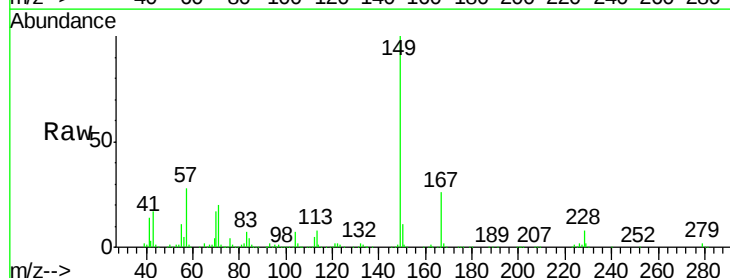
Tgt Ion:149 Resp: 310573

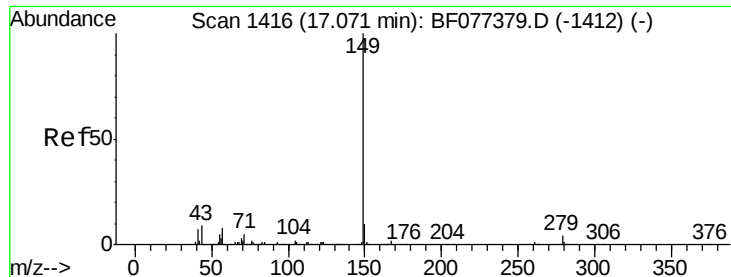
Ion Ratio Lower Upper

149 100

167 26.1 22.8 34.2

279 2.5 3.8 5.6#

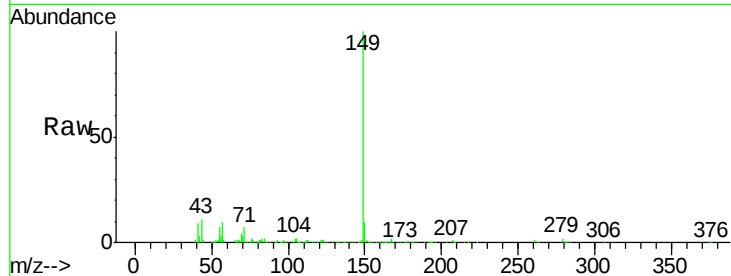




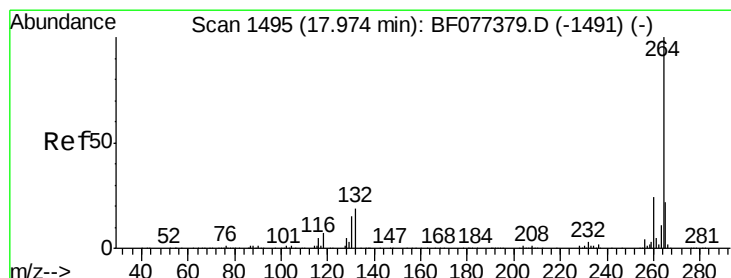
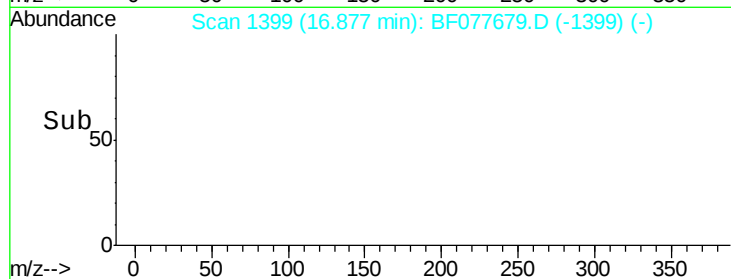
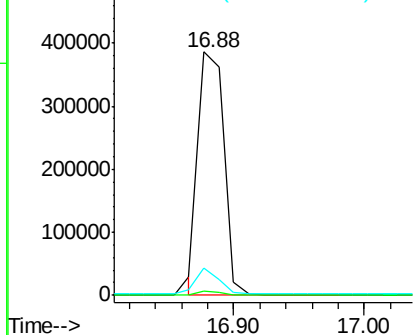
#84  
Di-n-octyl phthalate  
Concen: 34.95 ng  
RT: 16.88 min Scan# 1399  
Delta R.T. -0.09 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:149 Resp: 529656  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.6 8.1 12.1

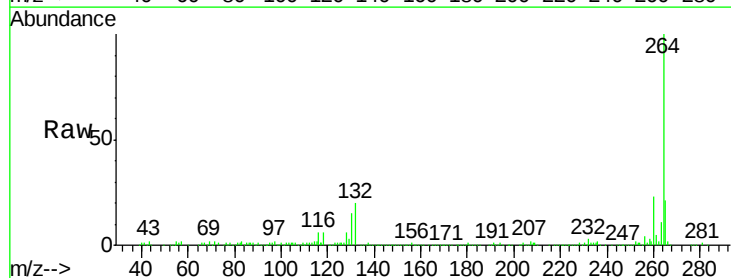


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0

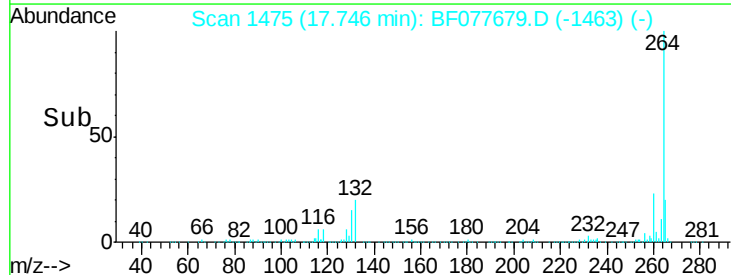
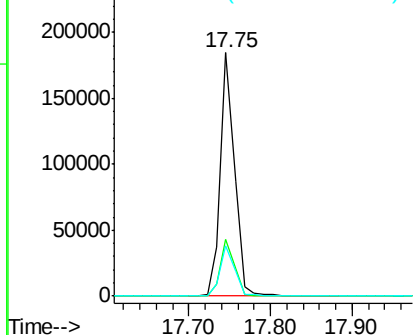


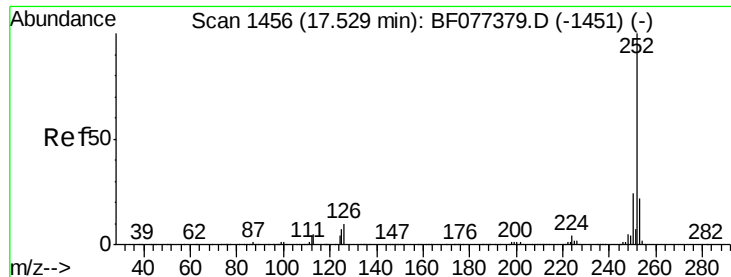
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.75 min Scan# 1475  
Delta R.T. -0.16 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion:264 Resp: 221780  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.3 28.9  
265 20.5 16.8 25.2



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

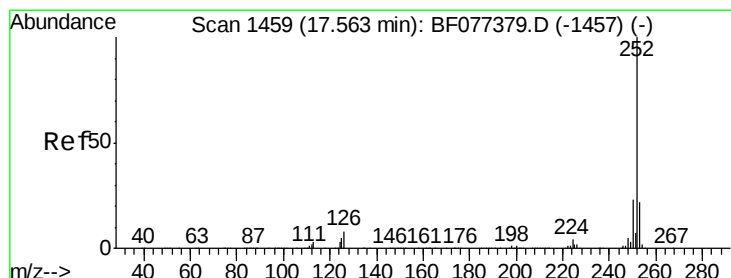
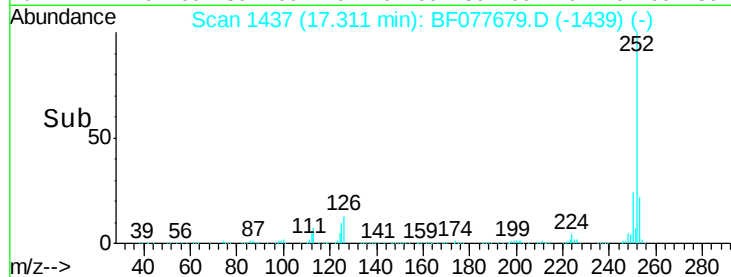
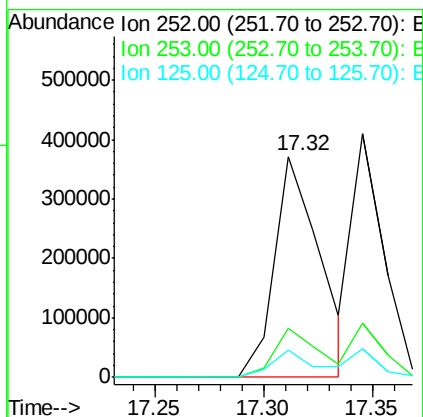
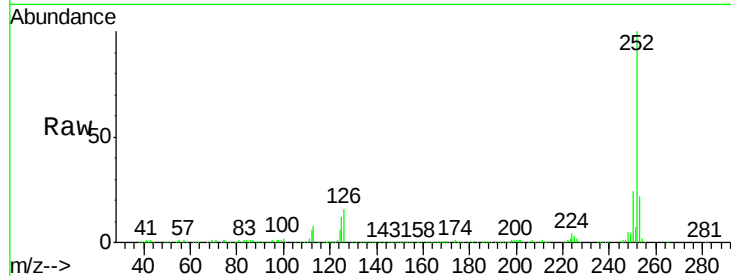




#87  
Benzo(b)fluoranthene  
Concen: 42.04 ng  
RT: 17.32 min Scan# 1437  
Delta R.T. -0.12 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

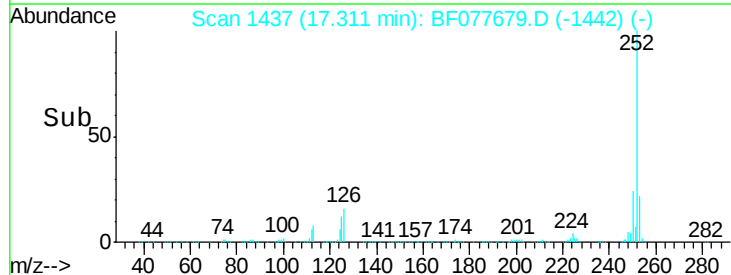
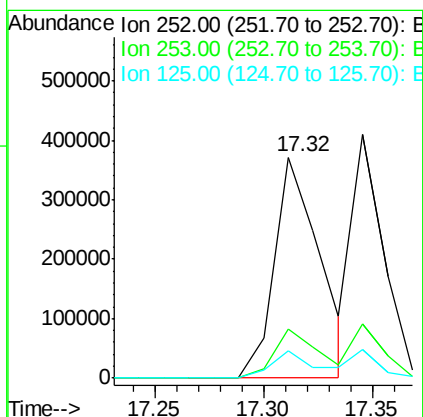
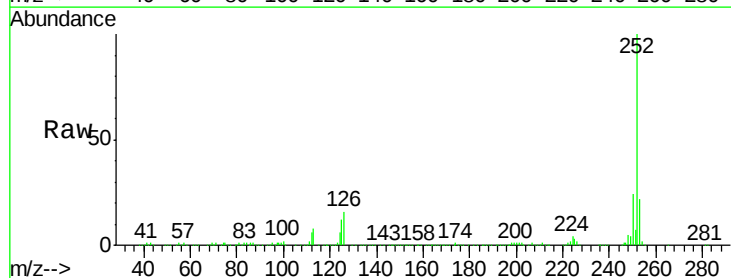
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

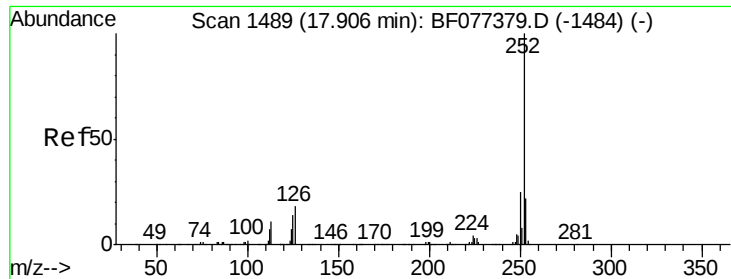
Tgt Ion: 252 Resp: 542121  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 12.2 5.4 8.2#



#88  
Benzo(k)fluoranthene  
Concen: 42.89 ng  
RT: 17.32 min Scan# 1437  
Delta R.T. -0.15 min  
Lab File: BF077679.D  
Acq: 10 Mar 2015 23:51

Tgt Ion: 252 Resp: 542121  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.1 27.1  
125 12.2 10.1 15.1





#89

Benzo(a)pyrene

Concen: 39.08 ng

RT: 17.69 min Scan# 1470

Delta R.T. -0.15 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

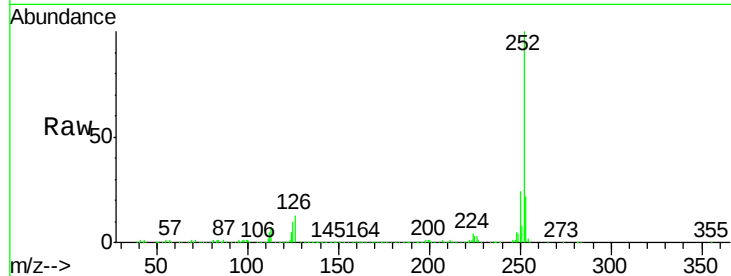
Tgt Ion:252 Resp: 480073

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

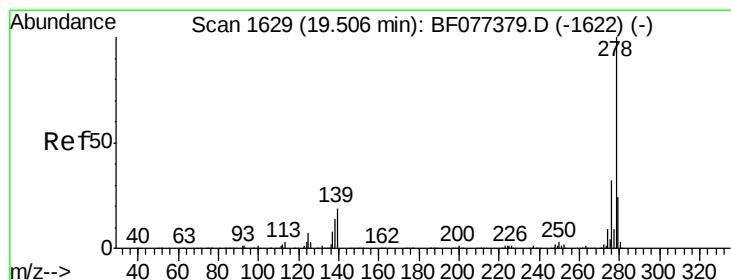
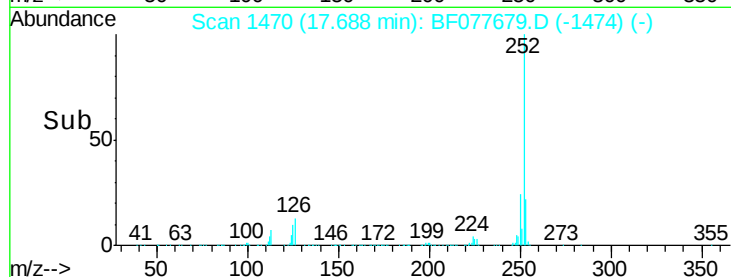
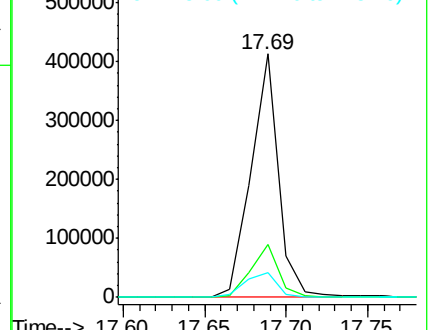
125 10.3 8.3 12.5



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: 39.48 ng

RT: 19.18 min Scan# 1600

Delta R.T. -0.18 min

Lab File: BF077679.D

Acq: 10 Mar 2015 23:51

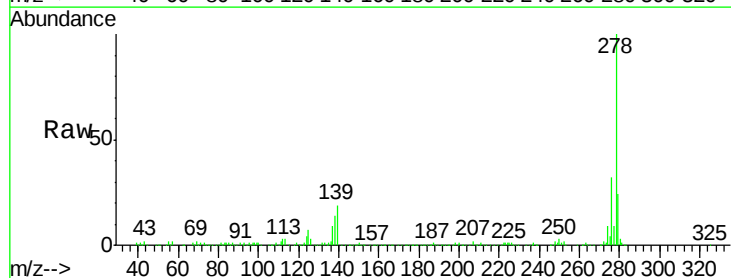
Tgt Ion:278 Resp: 462534

Ion Ratio Lower Upper

278 100

139 18.6 14.3 21.5

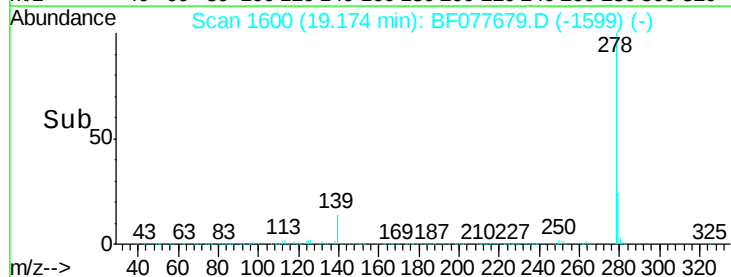
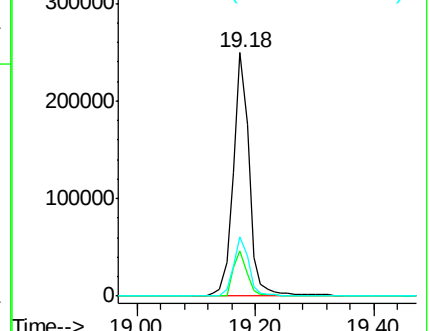
279 24.4 19.0 28.6

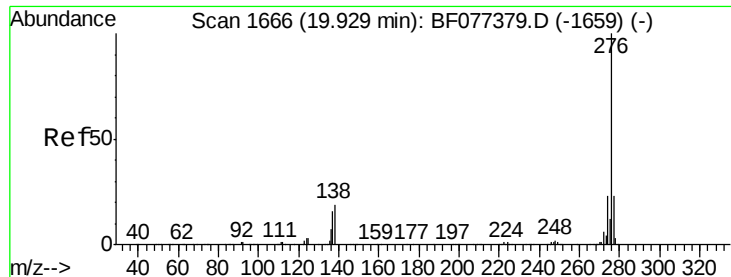


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(g,h,i)perylene  
 Concen: 39.36 ng  
 RT: 19.56 min Scan# 1634  
 Delta R.T. -0.19 min  
 Lab File: BF077679.D  
 Acq: 10 Mar 2015 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.8  | 18.9  | 28.3  |
| 138     | 22.8  | 20.5  | 30.7  |

