

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080315\  
 Data File : BF080810.D  
 Acq On : 3 Aug 2015 19:55  
 Operator : TP  
 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Quant Time: Aug 04 01:21:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 04 01:06:57 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 195489   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.12  | 136  | 696778   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.87  | 164  | 350417   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.34 | 188  | 548568   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.99 | 240  | 389540   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.39 | 264  | 335683   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.44  | 112 | 612783  | 52.75 | ng | 0.00 |
| 7) Phenol-d6             | 6.46  | 99  | 827582  | 53.93 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.40  | 82  | 745699  | 52.76 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.66 | 330 | 174415  | 48.12 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.20  | 172 | 1217916 | 52.25 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.93 | 244 | 1021982 | 51.07 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.48 | 88  | 156151 | 27.60 | ng | 99     |
| 3) Pyridine                    | 3.20 | 79  | 386955 | 24.98 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.13 | 42  | 230222 | 26.16 | ng | 97     |
| 6) Aniline                     | 6.50 | 93  | 602369 | 27.10 | ng | 96     |
| 8) 2-Chlorophenol              | 6.61 | 128 | 323736 | 25.35 | ng | # 74   |
| 9) Benzaldehyde                | 6.38 | 77  | 273485 | 28.10 | ng | 100    |
| 10) Phenol                     | 6.48 | 94  | 517372 | 29.88 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 302728 | 23.18 | ng | # 83   |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146 | 359379 | 25.49 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.85 | 146 | 382031 | 26.53 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.85 | 146 | 382031 | 28.88 | ng | 95     |
| 15) Benzyl Alcohol             | 6.98 | 79  | 294603 | 23.66 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 628789 | 23.21 | ng | 99     |
| 17) 2-Methylphenol             | 7.08 | 107 | 272773 | 25.72 | ng | 94     |
| 18) Hexachloroethane           | 7.34 | 117 | 129426 | 23.99 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70  | 264155 | 25.72 | ng | # 91   |
| 20) 3+4-Methylphenols          | 7.24 | 107 | 336517 | 26.45 | ng | 97     |
| 22) Acetophenone               | 7.24 | 105 | 412204 | 24.14 | ng | # 76   |
| 24) Nitrobenzene               | 7.41 | 77  | 348447 | 23.70 | ng | # 84   |
| 25) Isophorone                 | 7.65 | 82  | 607318 | 23.68 | ng | 94     |
| 26) 2-Nitrophenol              | 7.73 | 139 | 164668 | 28.33 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 279177 | 24.92 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93  | 382713 | 25.58 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 262067 | 27.03 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.06 | 180 | 277169 | 25.88 | ng | 97     |
| 31) Naphthalene                | 8.14 | 128 | 895427 | 25.41 | ng | 99     |
| 32) Benzoic acid               | 7.87 | 122 | 177796 | 24.32 | ng | 93     |
| 33) 4-Chloroaniline            | 8.19 | 127 | 419459 | 28.50 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.26 | 225 | 175092 | 25.65 | ng | 99     |
| 35) Caprolactam                | 8.54 | 113 | 68684  | 23.56 | ng | # 61   |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 262429 | 24.52 | ng | 89     |
| 37) 2-Methylnaphthalene        | 8.83 | 142 | 620966 | 28.64 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 249226 | 22.23 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 8.99 | 237 | 161572 | 23.59 | ng | 100    |

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 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

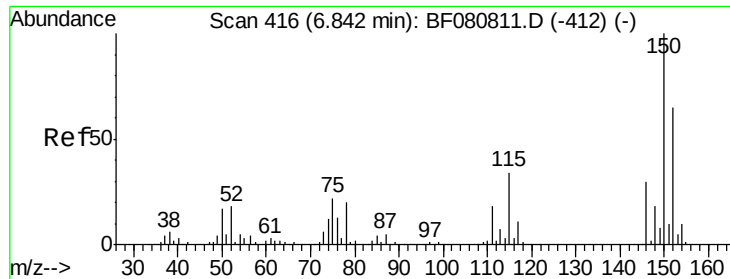
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Quant Time: Aug 04 01:21:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 04 01:06:57 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.10  | 196  | 201881   | 26.32 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.14  | 196  | 174237   | 22.92 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.30  | 154  | 602248   | 22.09 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.32  | 162  | 505786   | 22.75 | ng    | 96       |
| 47) 2-Nitroaniline             | 9.41  | 65   | 208705   | 24.45 | ng    | # 83     |
| 48) Acenaphthylene             | 9.73  | 152  | 924699   | 26.51 | ng    | 99       |
| 49) Dimethylphthalate          | 9.60  | 163  | 580489   | 23.85 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.65  | 165  | 120848   | 23.34 | ng    | 91       |
| 51) Acenaphthene               | 9.90  | 154  | 547014   | 25.78 | ng    | 100      |
| 52) 3-Nitroaniline             | 9.82  | 138  | 145476   | 23.90 | ng    | # 78     |
| 53) 2,4-Dinitrophenol          | 9.93  | 184  | 60287    | 21.14 | ng    | # 85     |
| 54) Dibenzofuran               | 10.08 | 168  | 725744   | 25.57 | ng    | 97       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 111894   | 25.63 | ng    | 89       |
| 56) 2,4-Dinitrotoluene         | 10.05 | 165  | 166751   | 24.80 | ng    | # 85     |
| 57) Fluorene                   | 10.42 | 166  | 558214   | 25.17 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.19 | 232  | 141889   | 25.01 | ng    | 99       |
| 59) Diethylphthalate           | 10.29 | 149  | 555428   | 23.58 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.41 | 204  | 254427   | 24.32 | ng    | 97       |
| 61) 4-Nitroaniline             | 10.43 | 138  | 147947   | 27.43 | ng    | 88       |
| 62) Azobenzene                 | 10.57 | 77   | 622152   | 23.97 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 82485    | 24.25 | ng    | # 17     |
| 65) n-Nitrosodiphenylamine     | 10.52 | 169  | 483155   | 26.40 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.90 | 248  | 163745   | 29.11 | ng    | 94       |
| 67) Hexachlorobenzene          | 10.97 | 284  | 171265   | 25.81 | ng    | 96       |
| 68) Atrazine                   | 11.06 | 200  | 129156   | 29.46 | ng    | 97       |
| 69) Pentachlorophenol          | 11.15 | 266  | 103820   | 26.71 | ng    | 93       |
| 70) Phenanthrene               | 11.37 | 178  | 705363   | 25.22 | ng    | 99       |
| 71) Anthracene                 | 11.42 | 178  | 754092   | 27.95 | ng    | 98       |
| 72) Carbazole                  | 11.57 | 167  | 555453   | 23.21 | ng    | 97       |
| 73) Di-n-butylphthalate        | 11.92 | 149  | 758520   | 26.36 | ng    | 99       |
| 74) Fluoranthene               | 12.56 | 202  | 712129   | 27.02 | ng    | 97       |
| 76) Benzidine                  | 12.68 | 184  | 371357   | 26.95 | ng    | 98       |
| 77) Pyrene                     | 12.78 | 202  | 744826   | 25.26 | ng    | 98       |
| 79) Butylbenzylphthalate       | 13.41 | 149  | 286621   | 25.14 | ng    | 96       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 572799   | 24.78 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.94 | 252  | 214938   | 26.75 | ng    | 98       |
| 82) Chrysene                   | 14.01 | 228  | 586164   | 26.13 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 371083   | 25.22 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.58 | 149  | 562894   | 23.05 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.76 | 276  | 462877   | 24.84 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.99 | 252  | 959272   | 48.06 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 14.99 | 252  | 959272   | 57.41 | ng    | # 96     |
| 89) Benzo(a)pyrene             | 15.33 | 252  | 431424   | 26.08 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.77 | 278  | 382184   | 25.47 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.17 | 276  | 404397   | 27.19 | ng    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

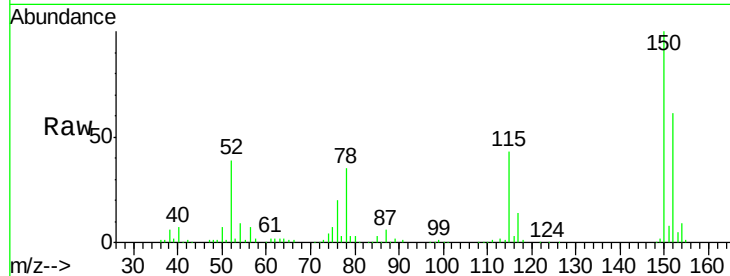
Tgt Ion:152 Resp: 195489

Ion Ratio Lower Upper

152 100

150 163.3 122.9 184.3

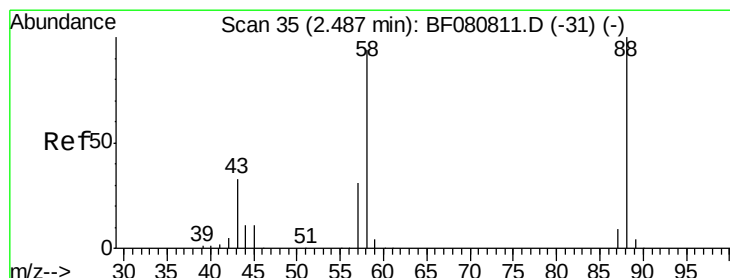
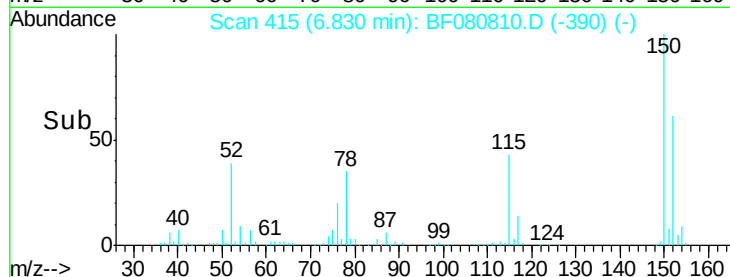
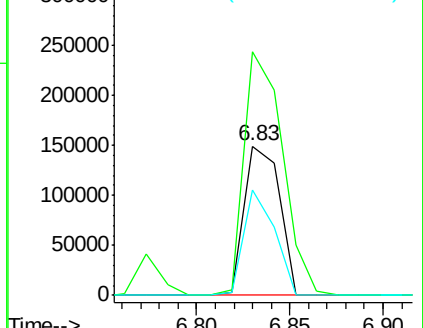
115 70.8 42.0 63.0#



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: 27.60 ng

RT: 2.48 min Scan# 34

Delta R.T. -0.01 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

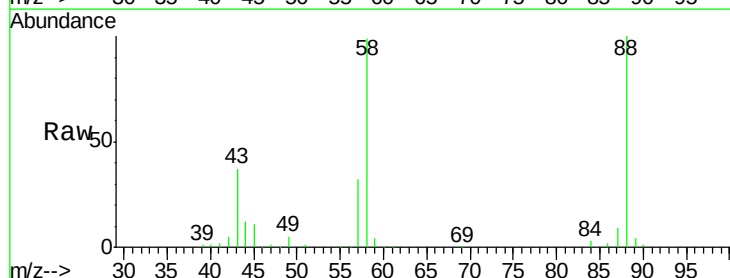
Tgt Ion: 88 Resp: 156151

Ion Ratio Lower Upper

88 100

58 96.5 78.2 117.4

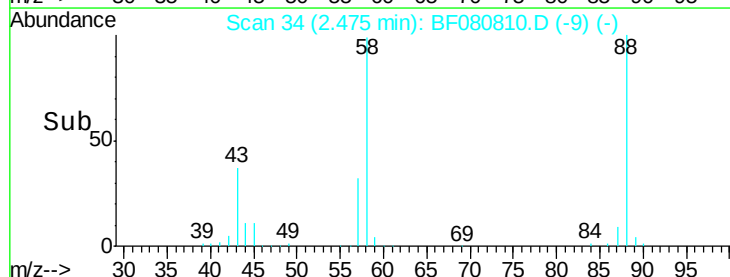
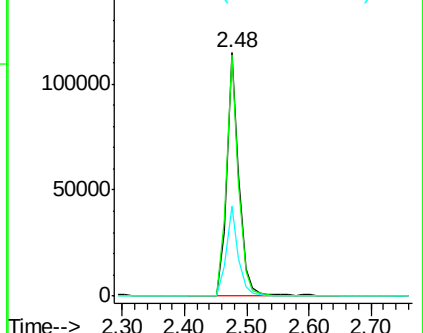
43 35.5 27.6 41.4

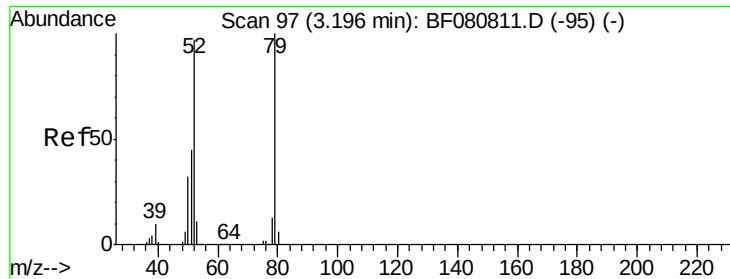


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.98 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

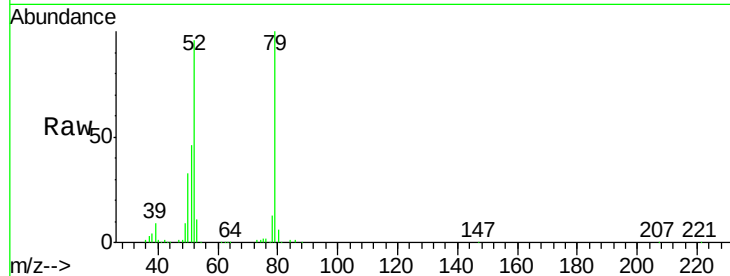
Tgt Ion: 79 Resp: 386955

Ion Ratio Lower Upper

79 100

52 96.2 77.7 116.5

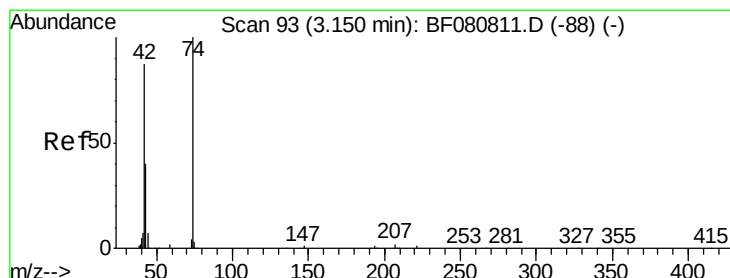
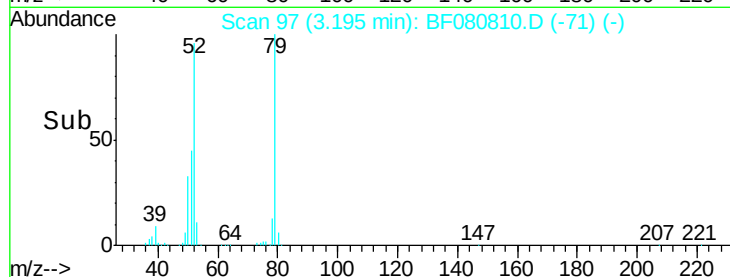
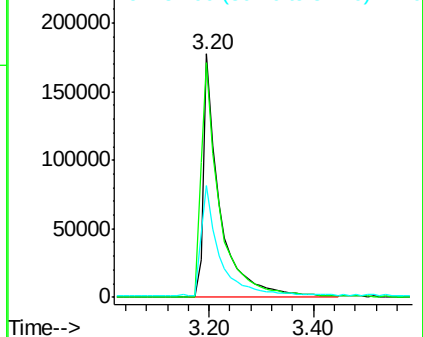
51 45.8 35.8 53.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 26.16 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.02 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

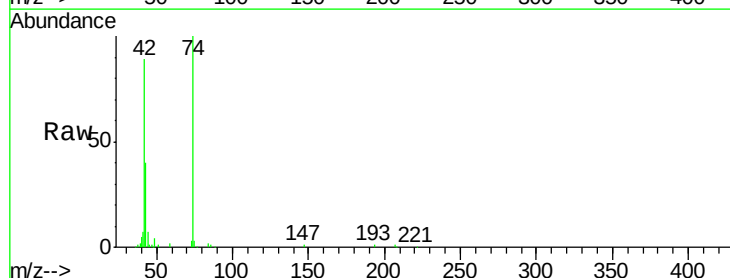
Tgt Ion: 42 Resp: 230222

Ion Ratio Lower Upper

42 100

74 112.6 92.4 138.6

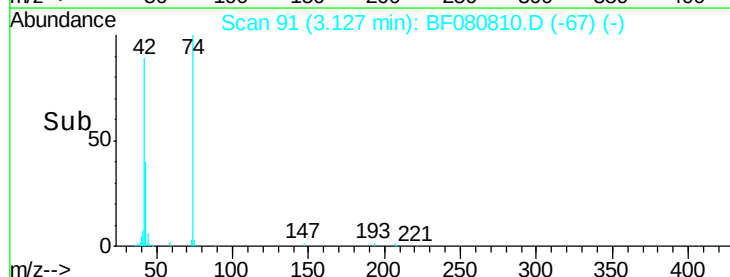
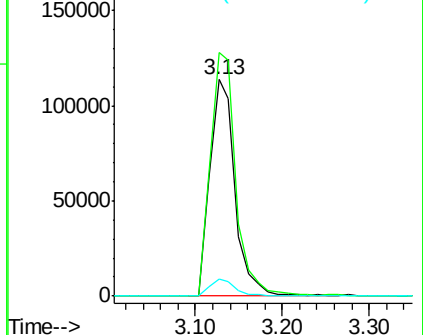
44 7.6 6.2 9.2

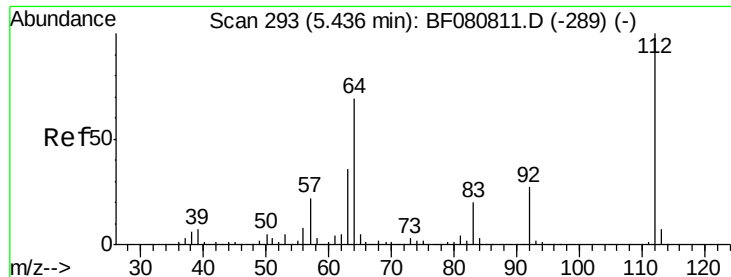


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 52.75 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.00 min

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Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

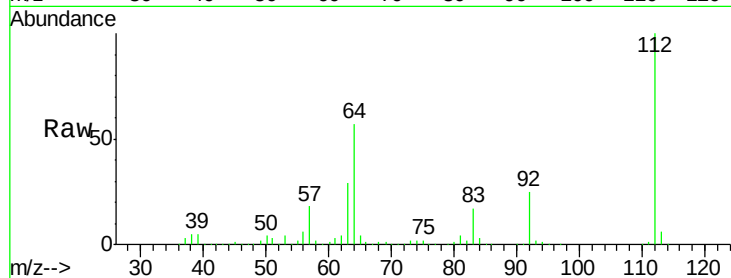
Tgt Ion: 112 Resp: 612783

Ion Ratio Lower Upper

112 100

64 56.8 55.0 82.4

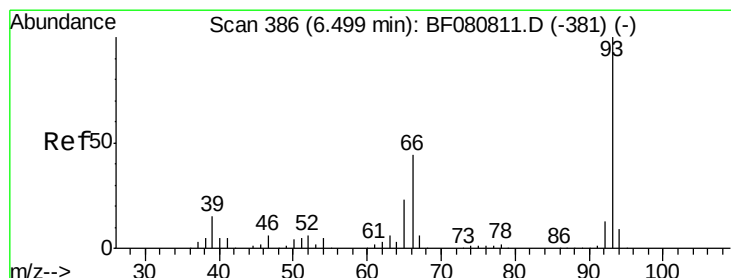
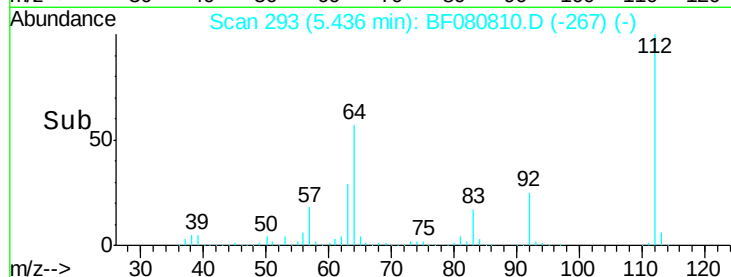
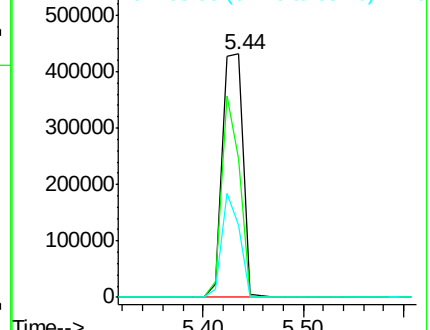
63 29.4 28.6 42.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.10 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

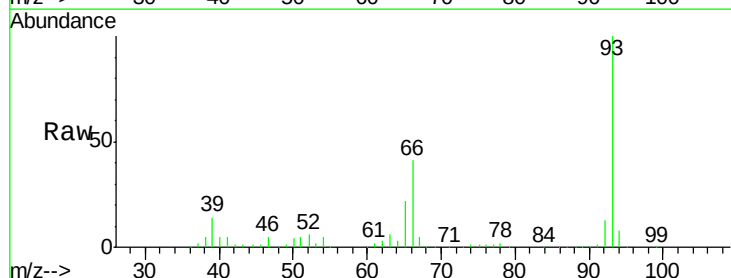
Tgt Ion: 93 Resp: 602369

Ion Ratio Lower Upper

93 100

66 41.3 35.3 52.9

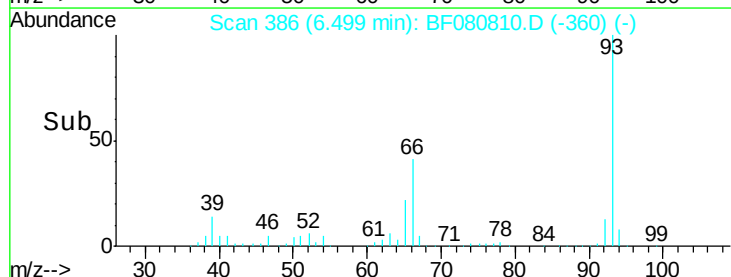
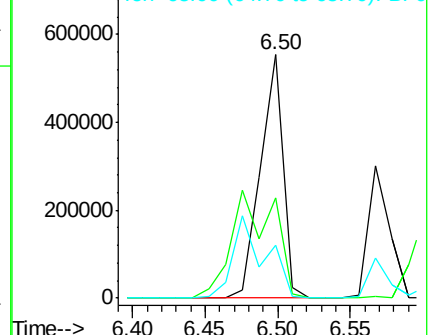
65 21.7 18.7 28.1

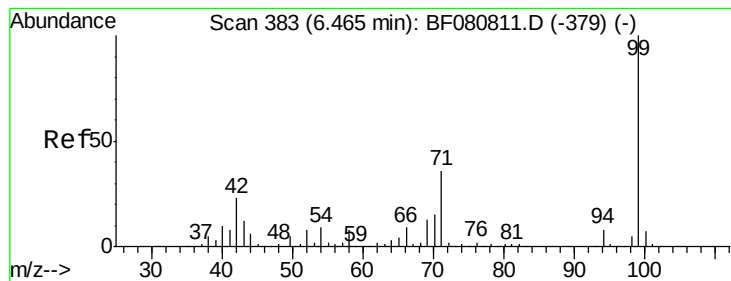


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 53.93 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080810.D

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Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

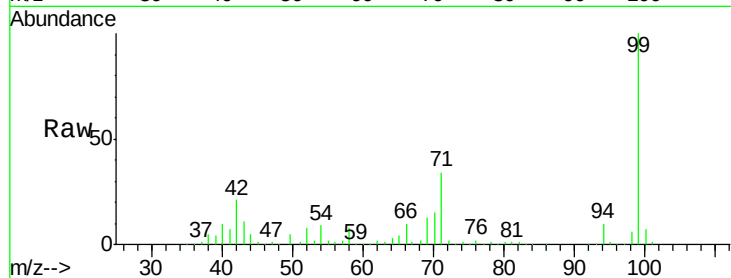
Tgt Ion: 99 Resp: 827582

Ion Ratio Lower Upper

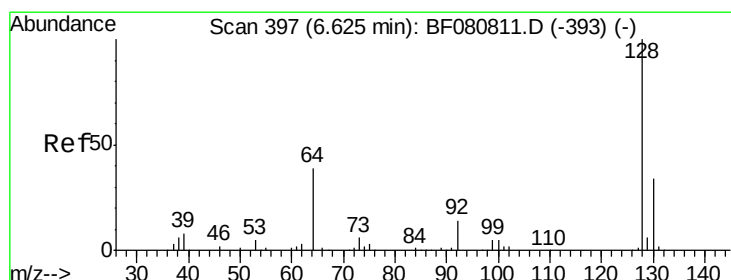
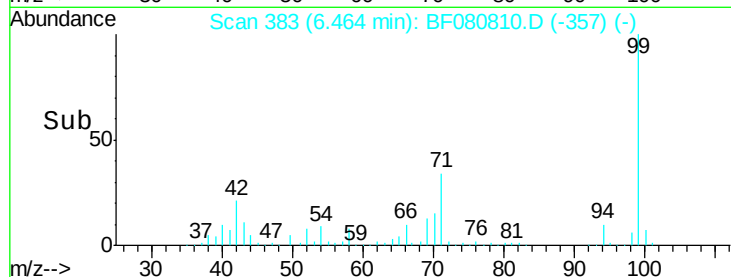
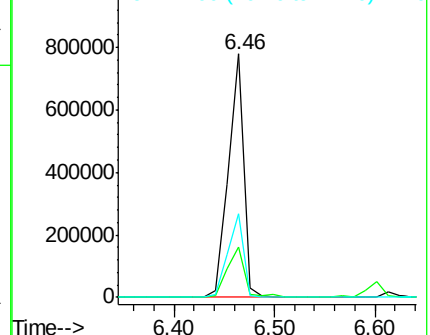
99 100

42 20.8 18.4 27.6

71 34.4 28.7 43.1



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: 25.35 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

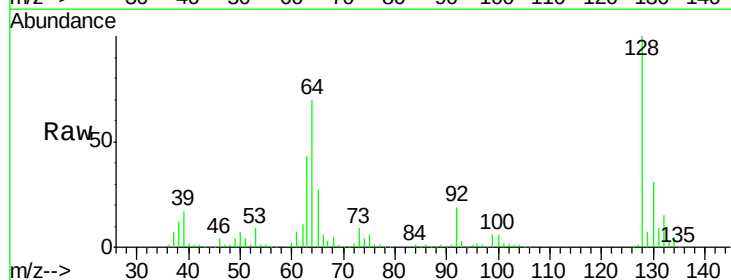
Tgt Ion: 128 Resp: 323736

Ion Ratio Lower Upper

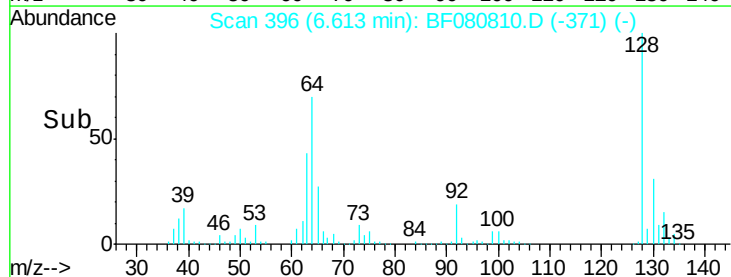
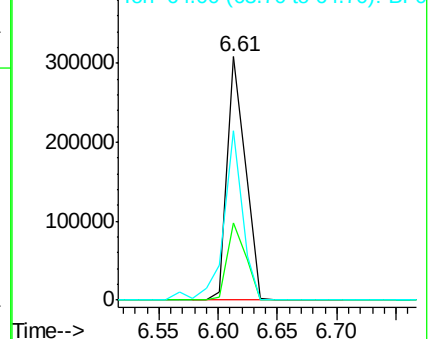
128 100

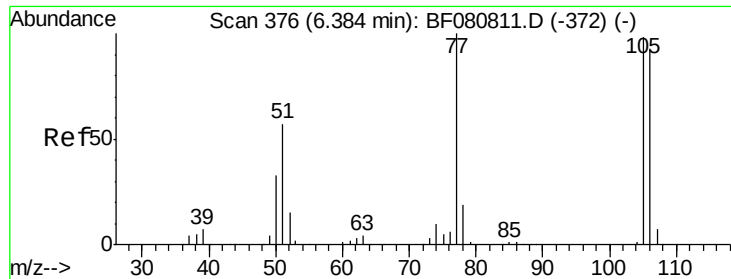
130 31.5 14.1 54.1

64 69.7 22.3 62.3#



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: 28.10 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

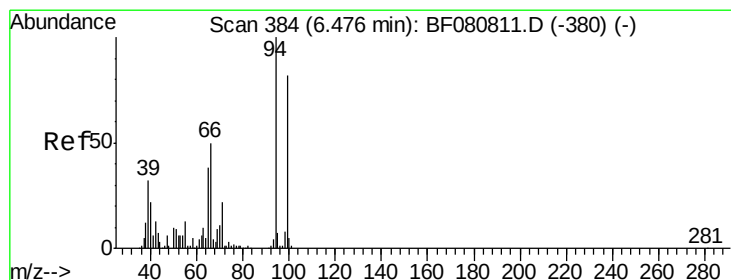
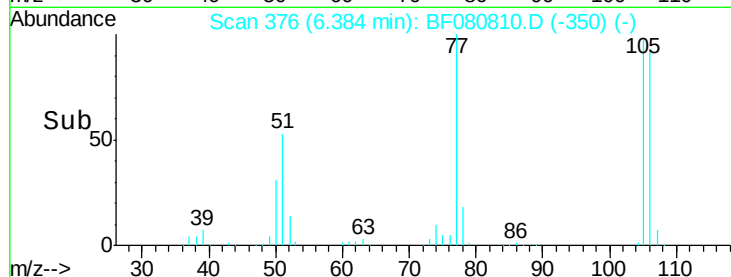
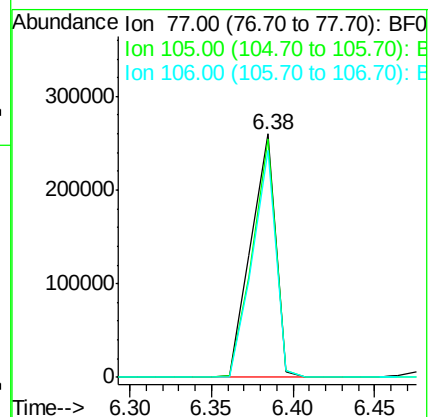
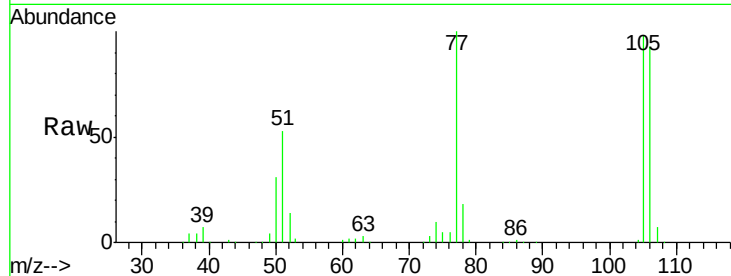
Tgt Ion: 77 Resp: 273485

Ion Ratio Lower Upper

77 100

105 97.7 78.1 118.1

106 93.3 72.7 112.7



#10

Phenol

Concen: 29.88 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

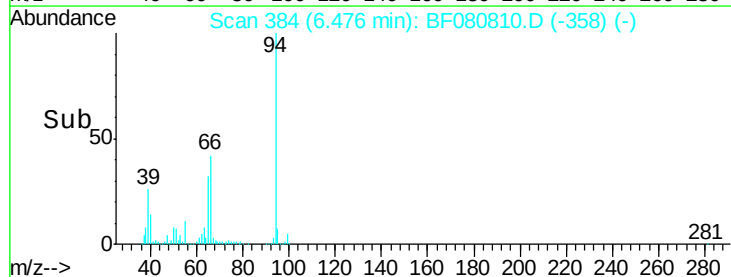
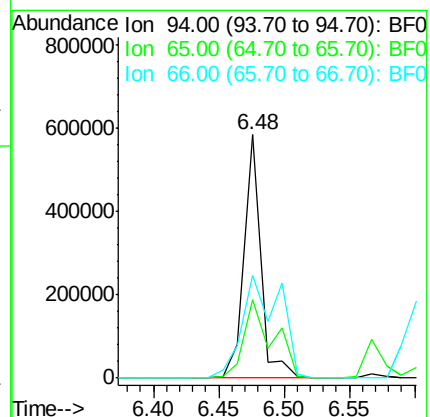
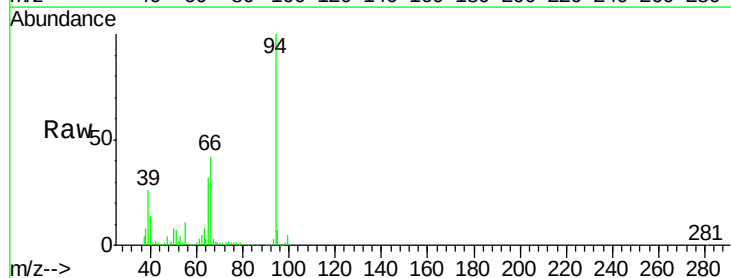
Tgt Ion: 94 Resp: 517372

Ion Ratio Lower Upper

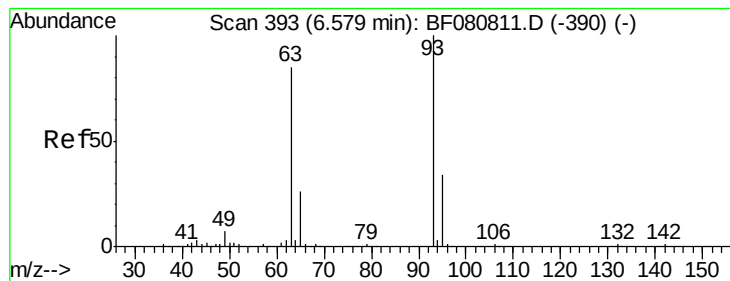
94 100

65 32.0 17.5 57.5

66 42.1 29.6 69.6







#11

bis(2-Chloroethyl)ether

Concen: 23.18 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

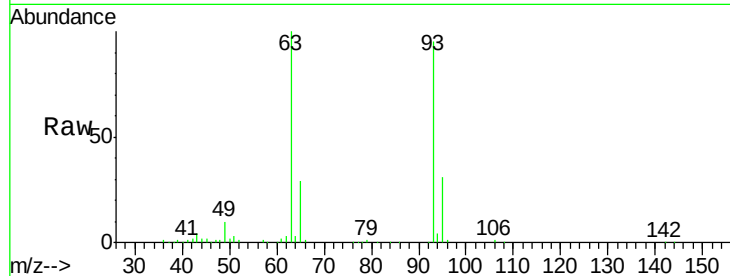
Tgt Ion: 93 Resp: 302728

Ion Ratio Lower Upper

93 100

63 105.6 64.9 104.9#

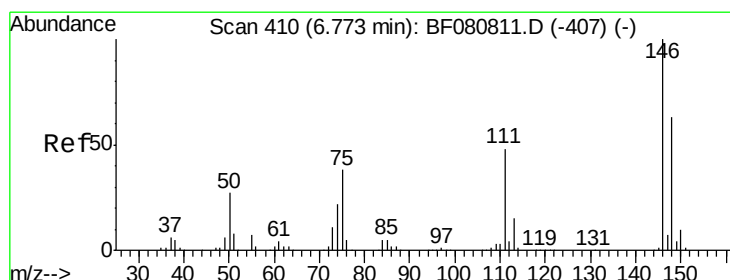
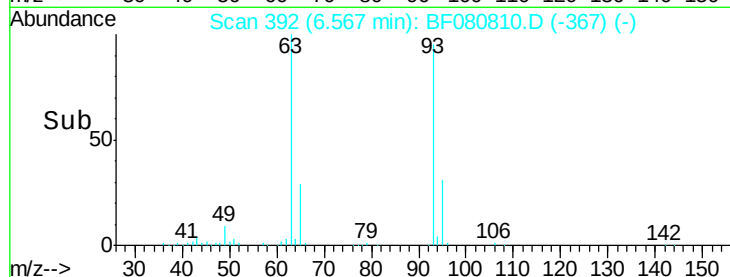
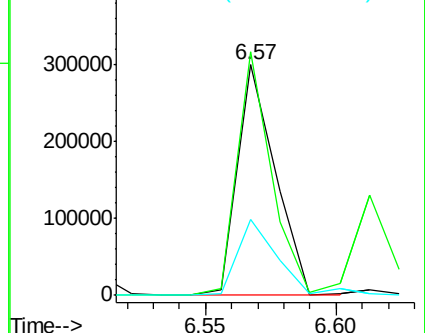
95 32.9 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 25.49 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

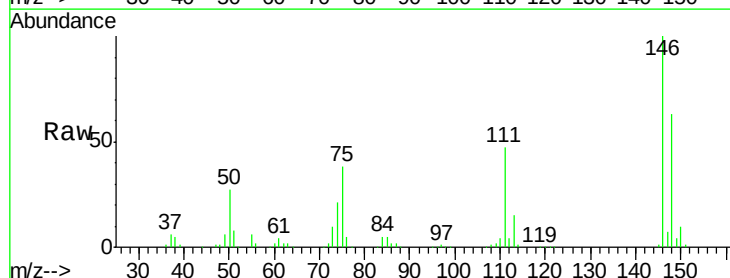
Tgt Ion: 146 Resp: 359379

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

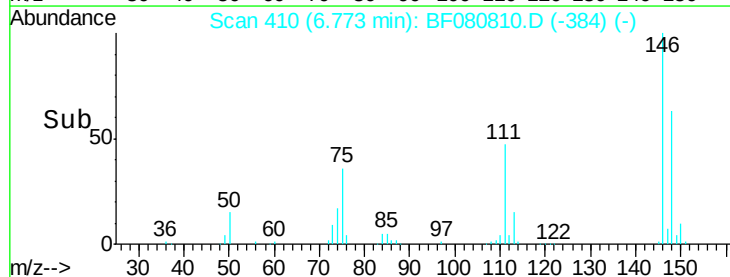
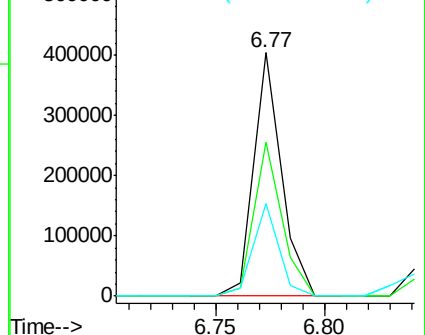
75 37.9 30.7 46.1

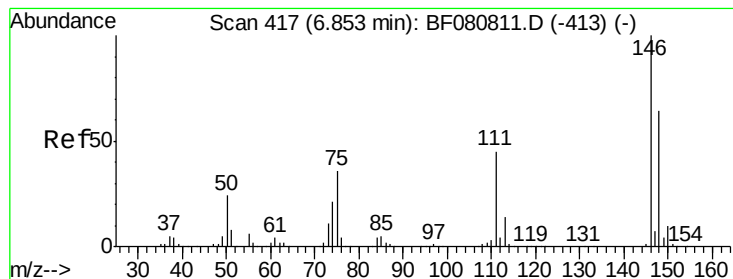


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 26.53 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

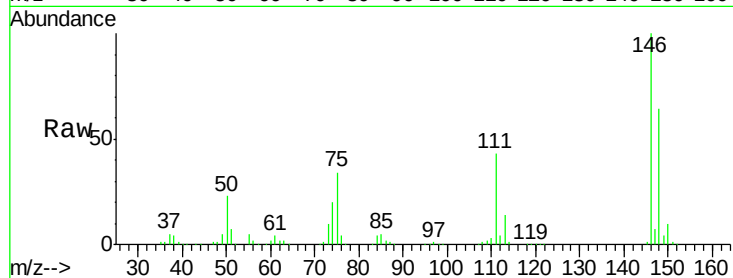
Tgt Ion:146 Resp: 382031

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 43.4 35.8 53.8



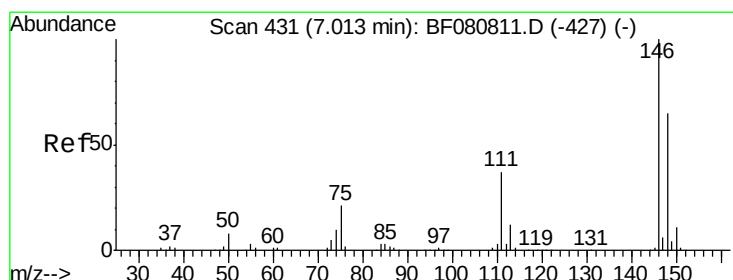
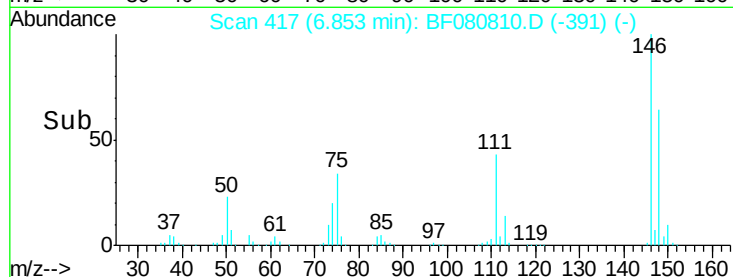
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.85

Time-->



#14

1,2-Dichlorobenzene

Concen: 28.88 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.16 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

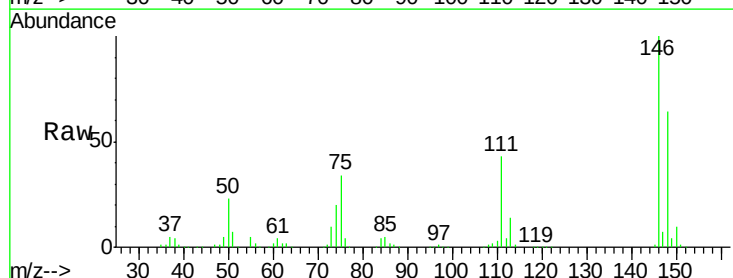
Tgt Ion:146 Resp: 382031

Ion Ratio Lower Upper

146 100

148 63.8 52.0 78.0

111 43.4 29.3 43.9



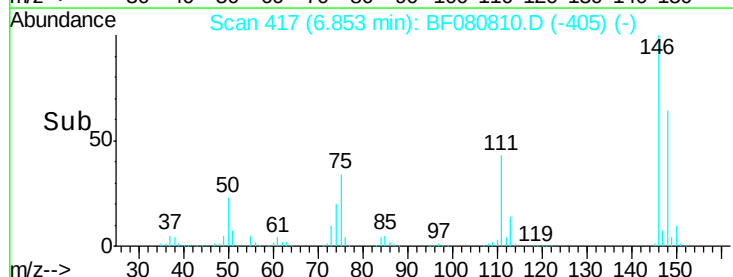
Abundance Ion 146.00 (145.70 to 146.70): E

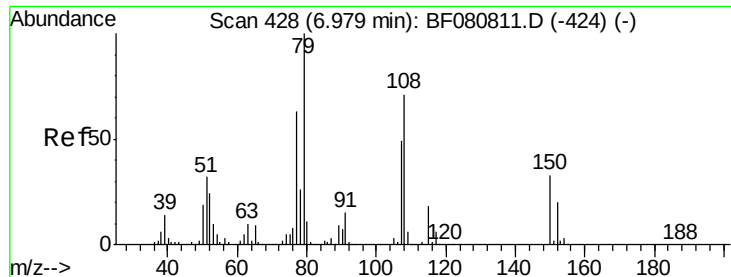
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.85

Time-->





#15

Benzyl Alcohol

Concen: 23.66 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

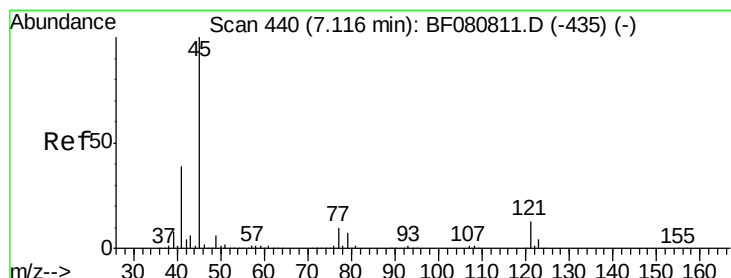
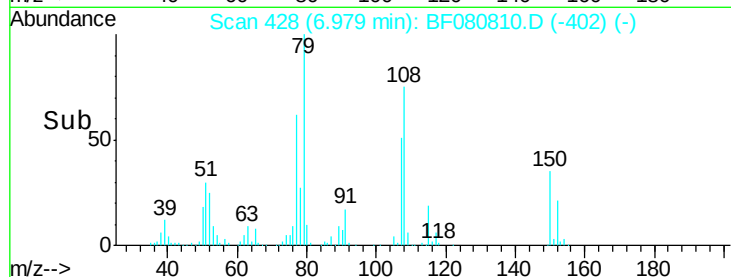
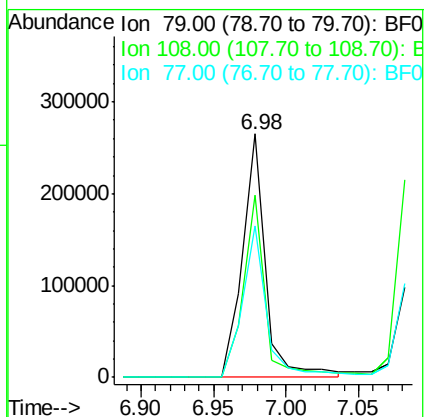
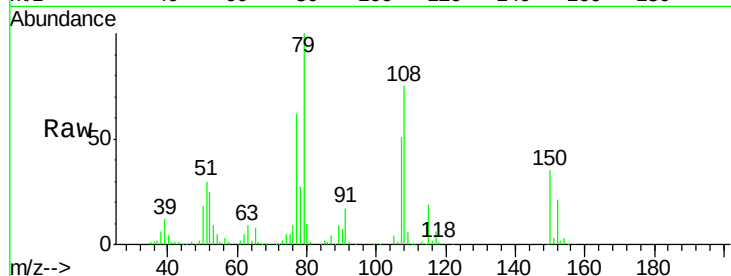
Tgt Ion: 79 Resp: 294603

Ion Ratio Lower Upper

79 100

108 74.6 56.9 85.3

77 62.3 50.4 75.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.21 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

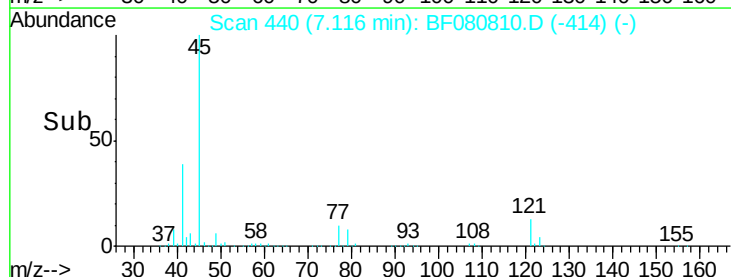
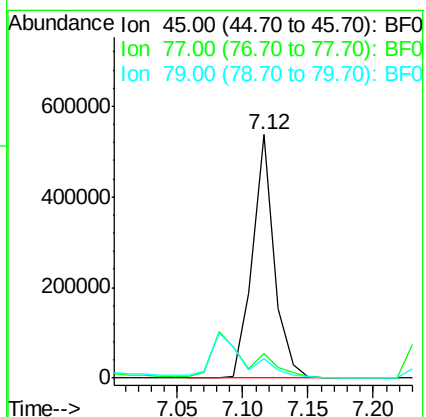
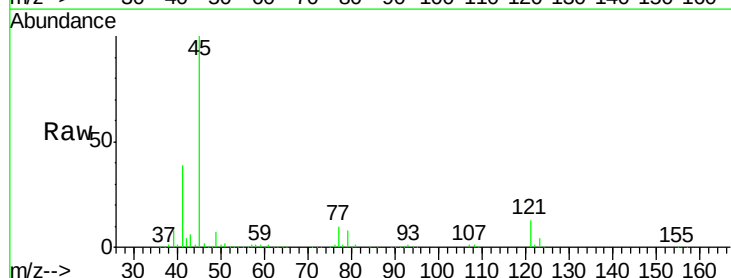
Tgt Ion: 45 Resp: 628789

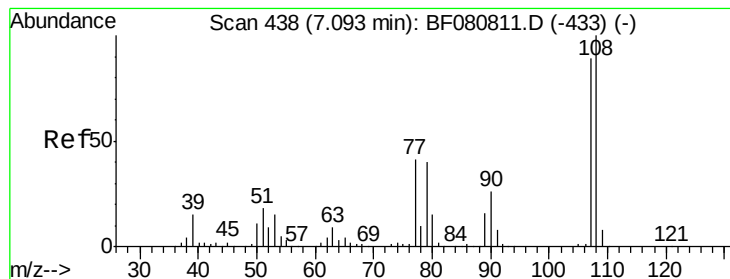
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.5

79 8.1 0.0 28.2





#17

2-Methylphenol

Concen: 25.72 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

Tgt Ion:107 Resp: 272773

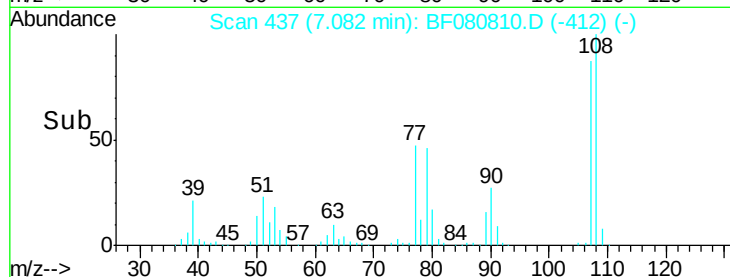
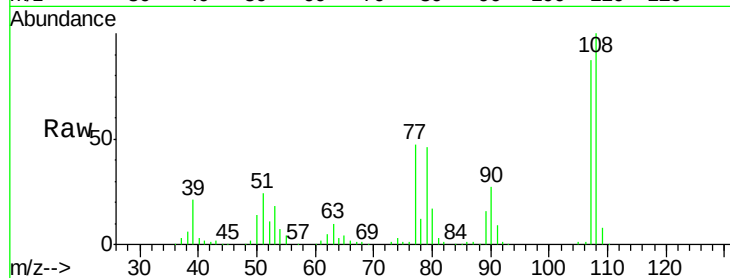
Ion Ratio Lower Upper

107 100

108 115.0 90.6 135.8

77 54.6 37.8 56.8

79 52.9 37.4 56.0

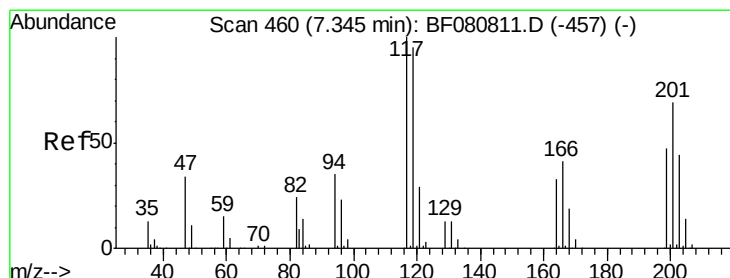
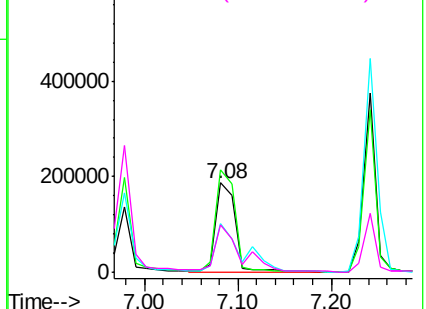


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 23.99 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

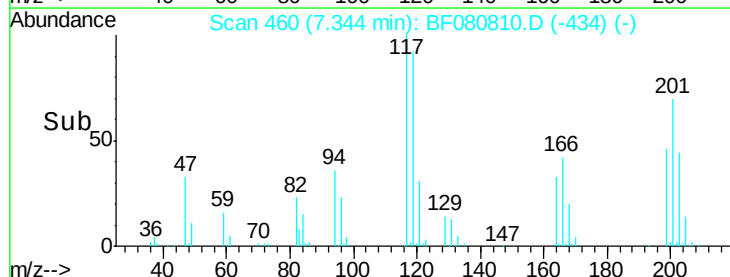
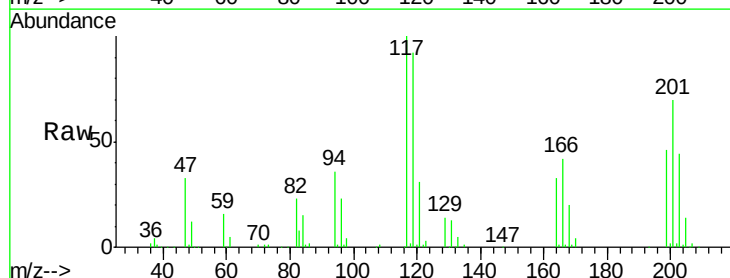
Tgt Ion:117 Resp: 129426

Ion Ratio Lower Upper

117 100

119 92.3 76.3 114.5

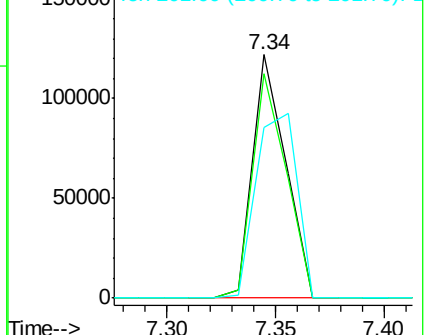
201 69.9 55.5 83.3

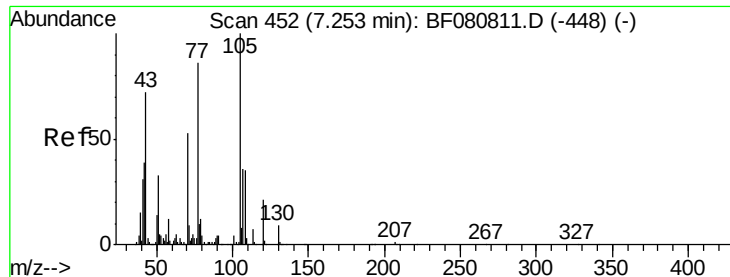


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

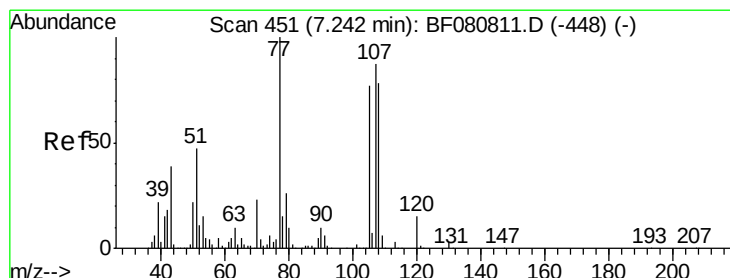
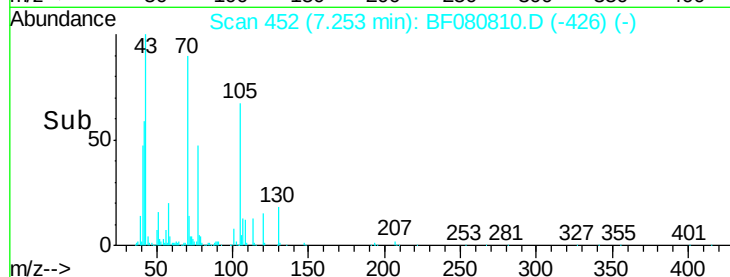
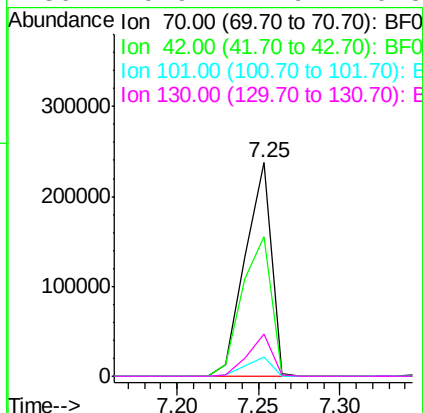
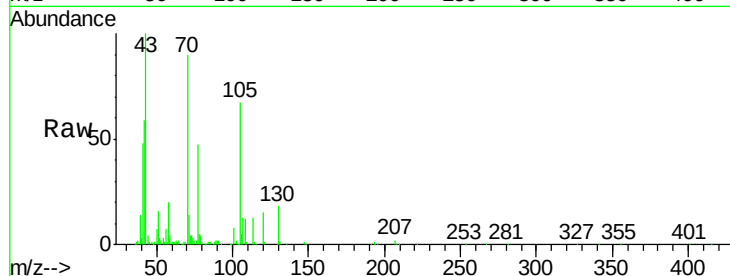




#19  
n-Nitroso-di-n-propylamine  
Concen: 25.72 ng  
RT: 7.25 min Scan# 452  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

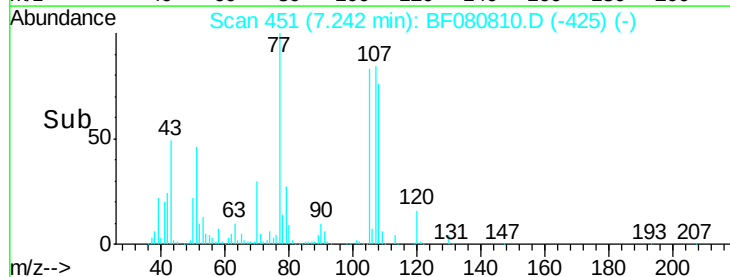
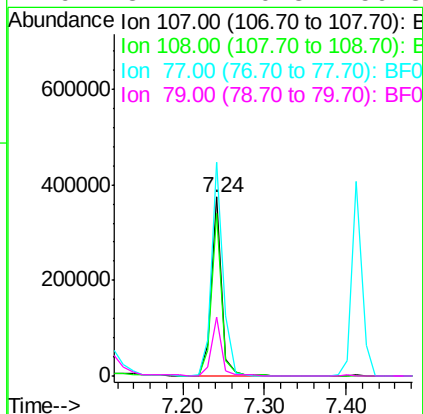
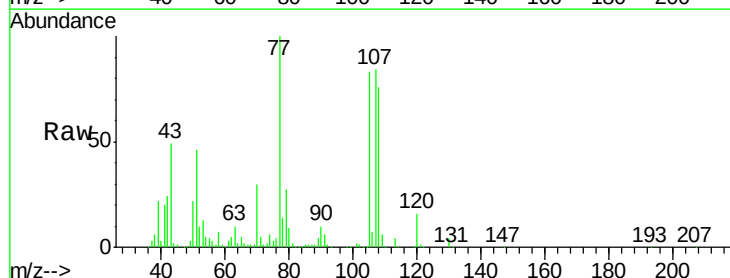
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

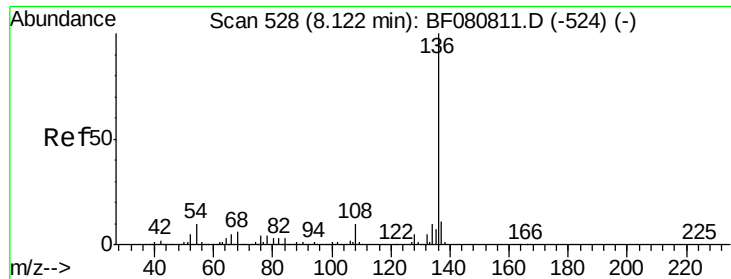
Tgt Ion: 70 Resp: 264155  
Ion Ratio Lower Upper  
70 100  
42 65.2 59.1 88.7  
101 9.1 6.6 10.0  
130 19.9 12.9 19.3#



#20  
3+4-Methylphenols  
Concen: 26.45 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Tgt Ion: 107 Resp: 336517  
Ion Ratio Lower Upper  
107 100  
108 90.8 69.6 109.6  
77 119.4 94.9 134.9  
79 32.7 10.3 50.3

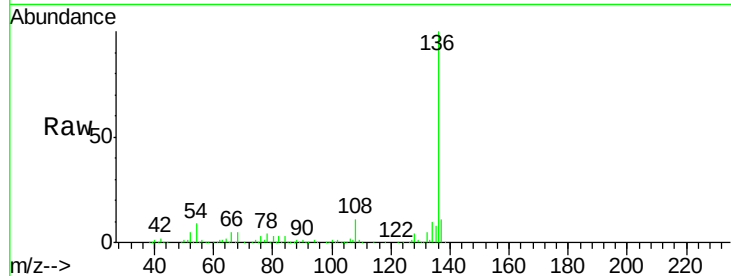




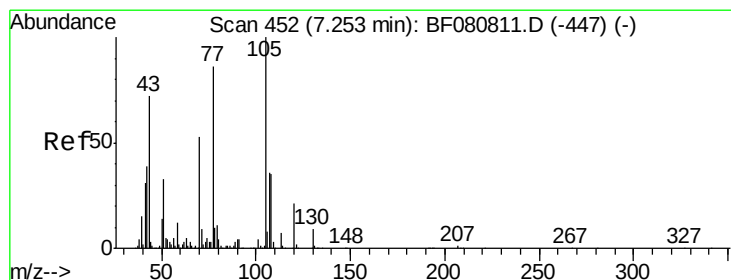
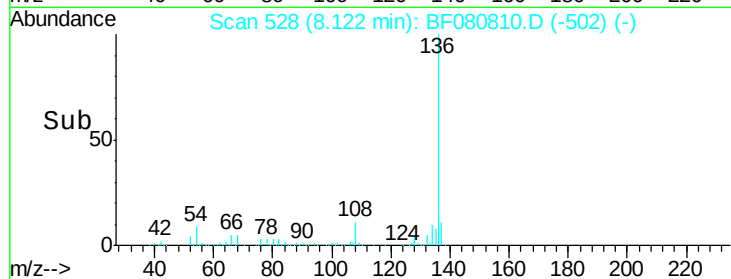
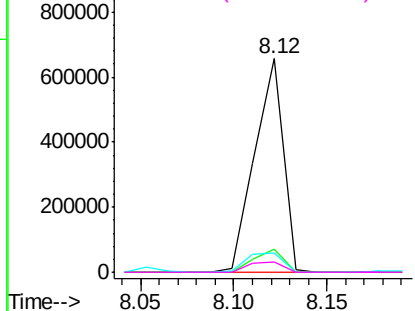
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.12 min Scan# 528  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 696778 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.8   | 13.2   |
| 54       | 9.3   | 7.9   | 11.9   |
| 68       | 4.6   | 4.4   | 6.6    |

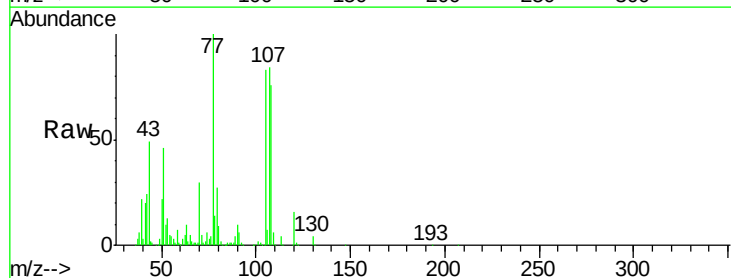


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

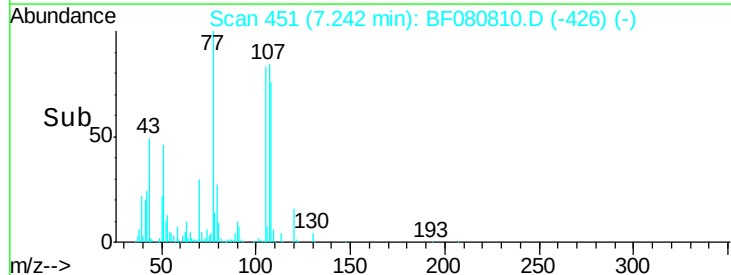
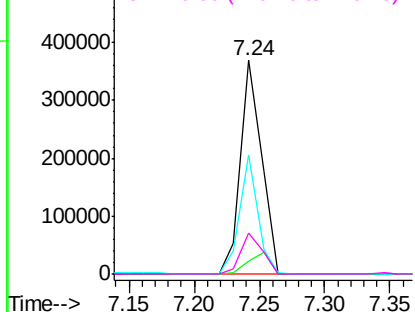


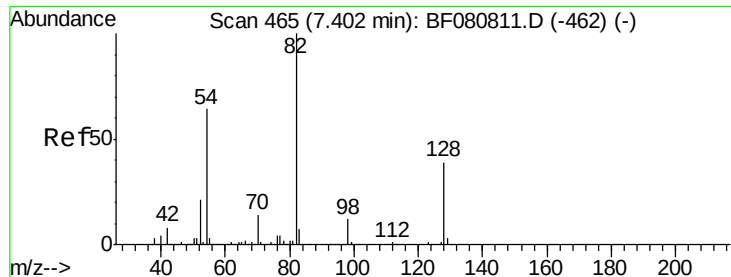
#22  
Acetophenone  
Concen: 24.14 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.01 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 412204 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.1   | 7.1   | 10.7#  |
| 51       | 55.6  | 26.5  | 39.7#  |
| 120      | 18.9  | 17.0  | 25.6   |



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

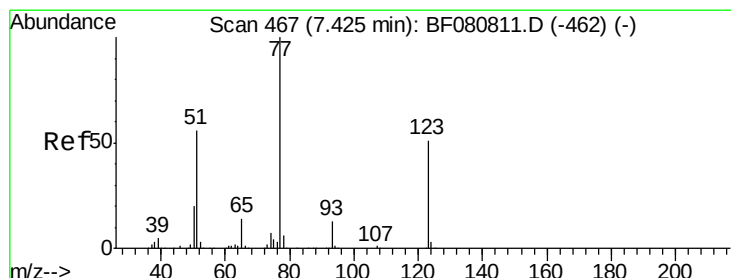
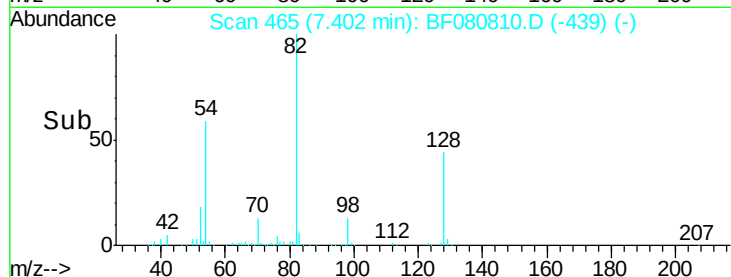
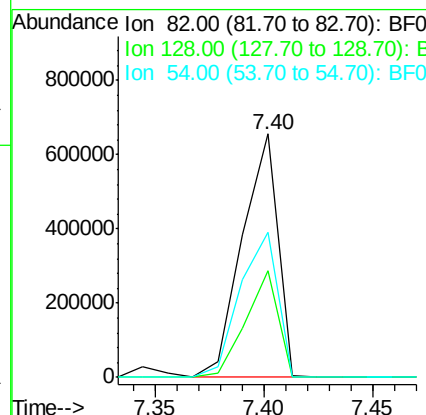
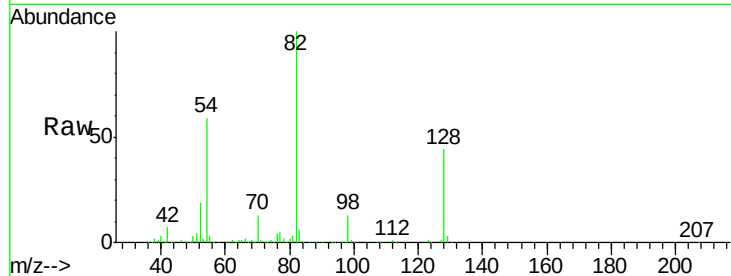




#23  
 Nitrobenzene-d5  
 Concen: 52.76 ng  
 RT: 7.40 min Scan# 465  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

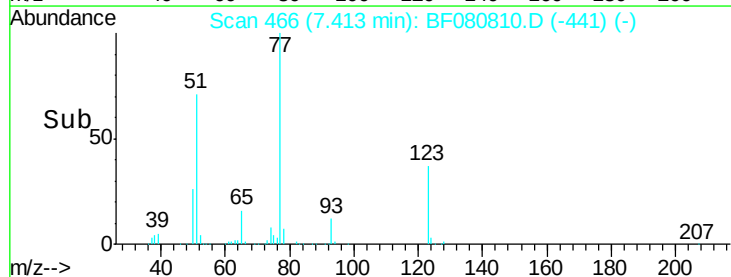
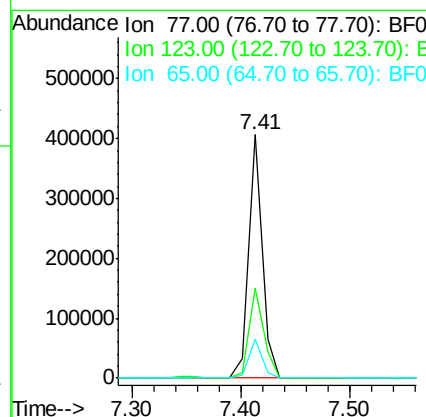
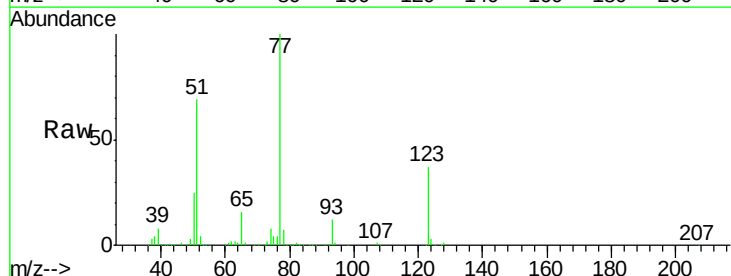
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

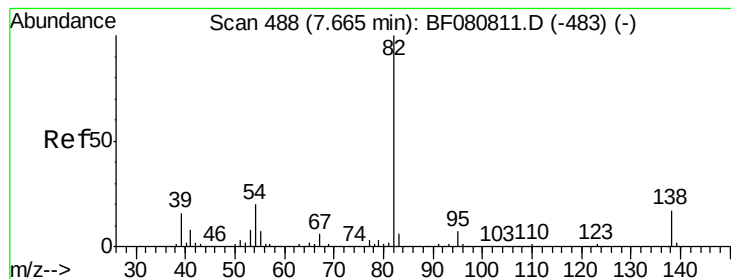
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.8  | 31.4  | 47.0  |
| 54      | 59.4  | 51.0  | 76.4  |



#24  
 Nitrobenzene  
 Concen: 23.70 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. -0.01 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 37.1  | 40.7  | 61.1# |
| 65      | 15.8  | 11.3  | 16.9  |





#25

Isophorone

Concen: 23.68 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

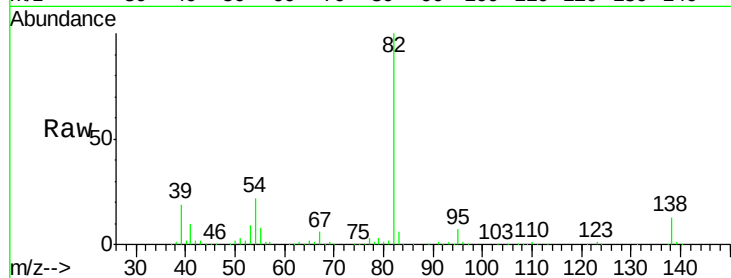
Tgt Ion: 82 Resp: 607318

Ion Ratio Lower Upper

82 100

95 6.8 5.9 8.9

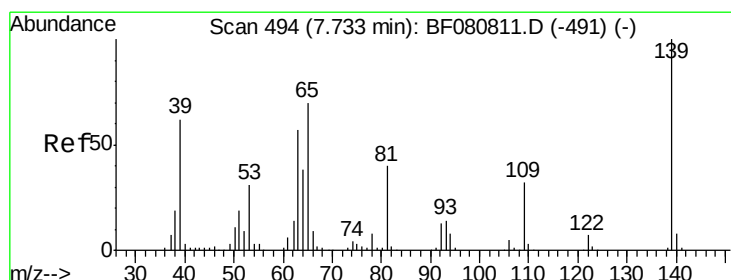
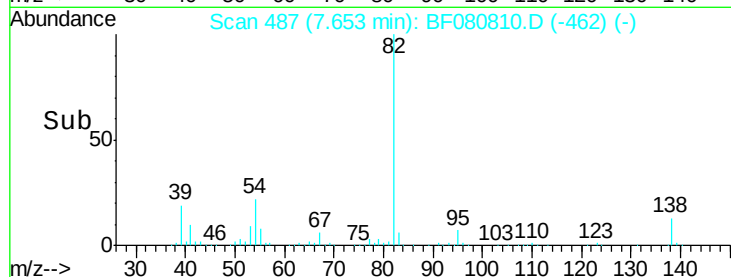
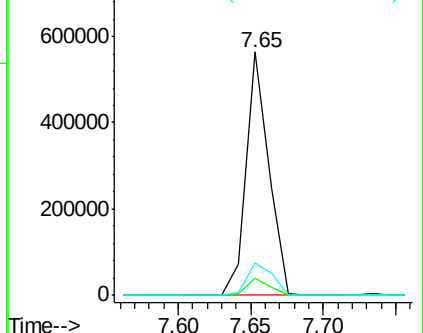
138 13.4 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 28.33 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

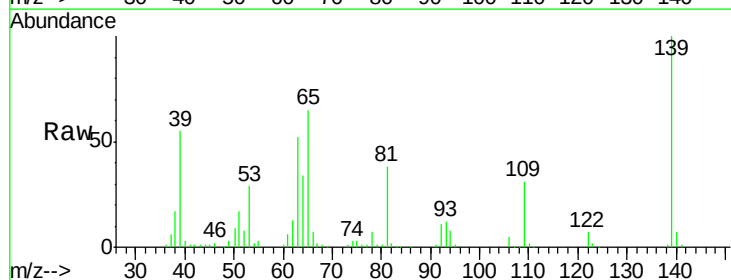
Tgt Ion: 139 Resp: 164668

Ion Ratio Lower Upper

139 100

109 31.4 25.3 37.9

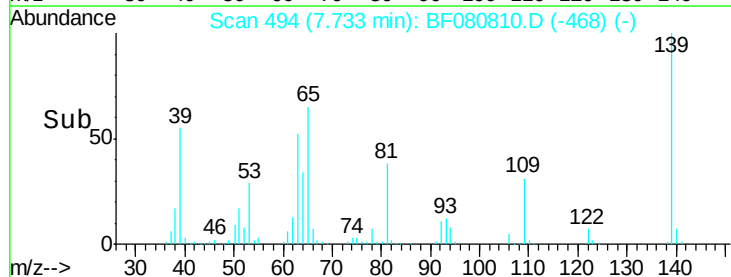
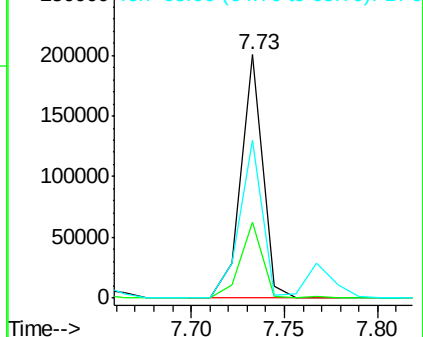
65 64.8 56.2 84.4



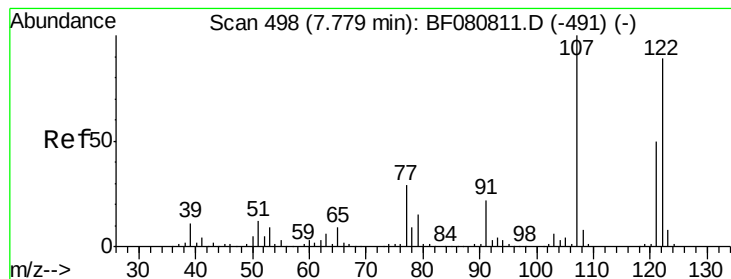
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0







#27

2,4-Dimethylphenol

Concen: 24.92 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

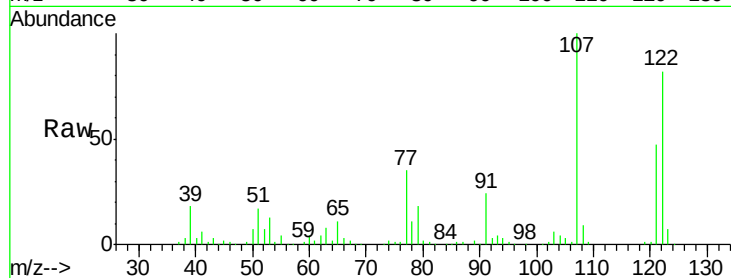
Tgt Ion:122 Resp: 279177

Ion Ratio Lower Upper

122 100

107 121.3 90.2 135.4

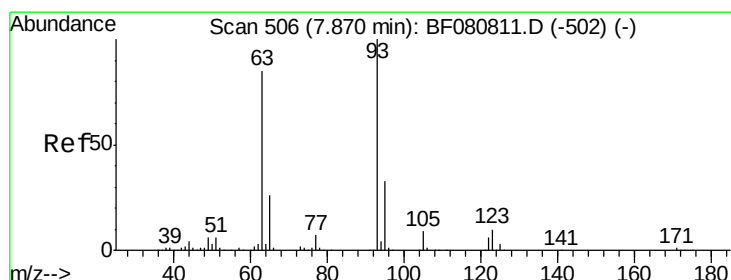
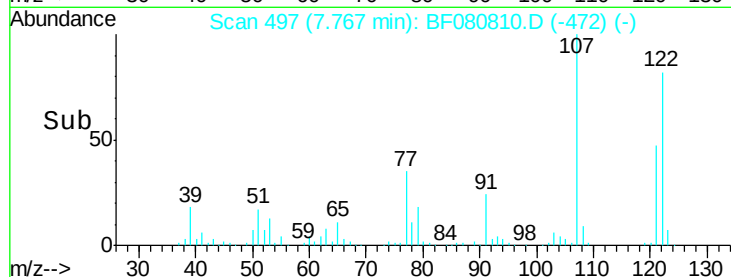
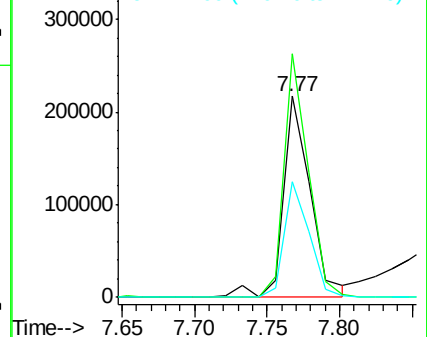
121 57.5 45.4 68.2



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: 25.58 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

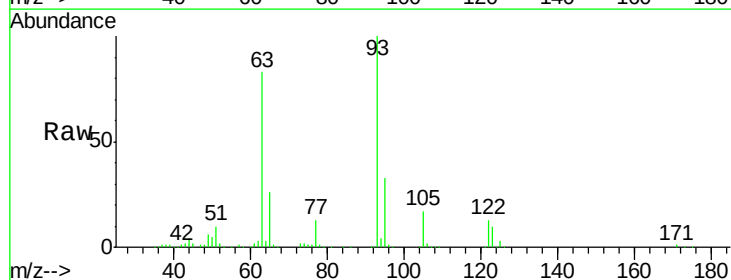
Tgt Ion: 93 Resp: 382713

Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

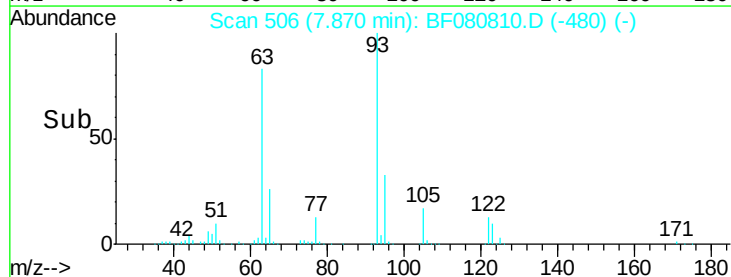
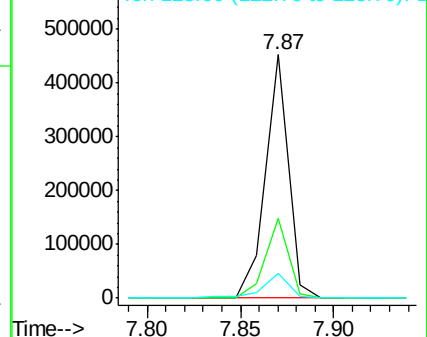
123 10.1 8.0 12.0

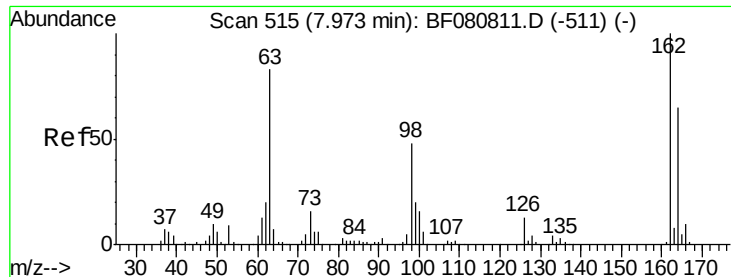


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

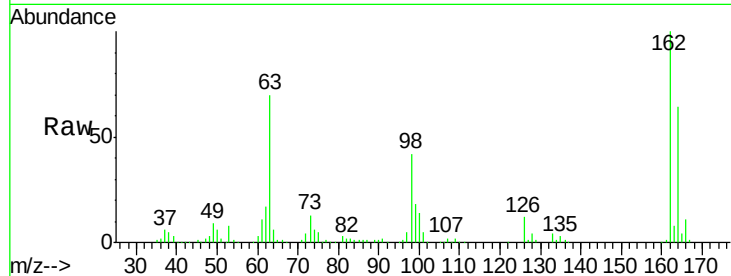




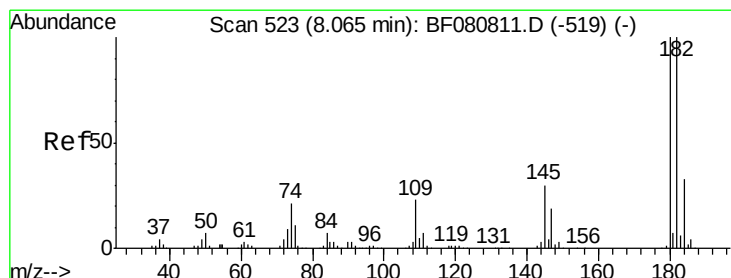
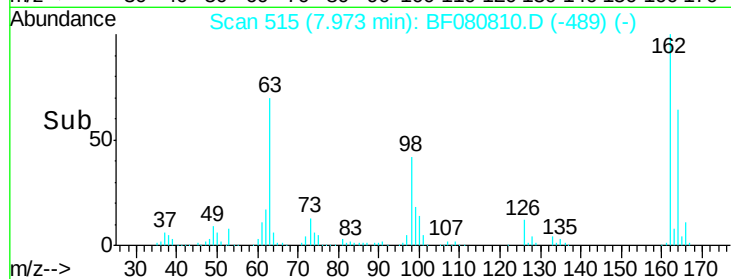
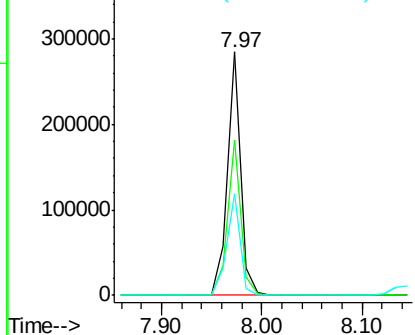
#29  
 2,4-Dichlorophenol  
 Concen: 27.03 ng  
 RT: 7.97 min Scan# 515  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.7  | 45.3  | 85.3  |
| 98      | 41.9  | 27.7  | 67.7  |

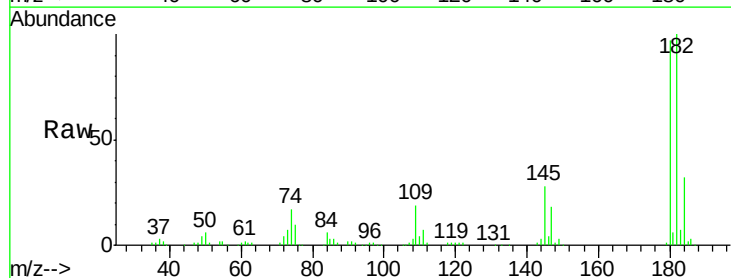


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

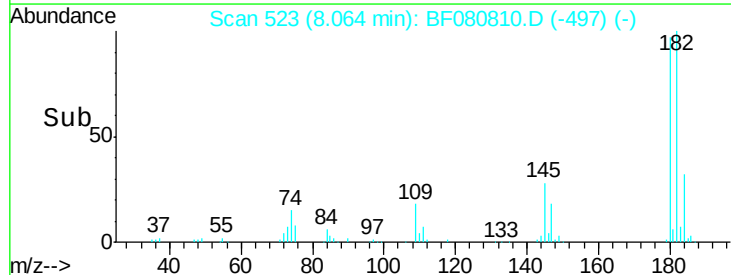
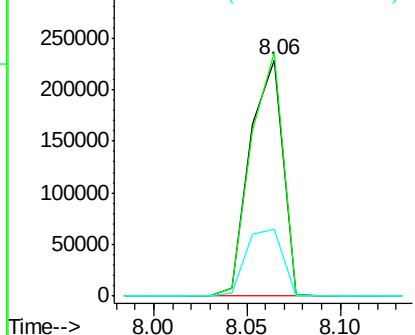


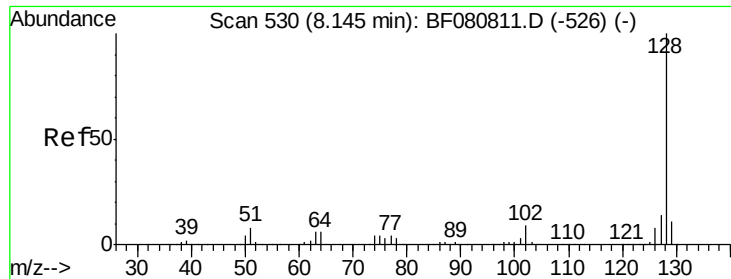
#30  
 1,2,4-Trichlorobenzene  
 Concen: 25.88 ng  
 RT: 8.06 min Scan# 523  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 103.2 | 79.7  | 119.5 |
| 145     | 28.5  | 23.8  | 35.8  |



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

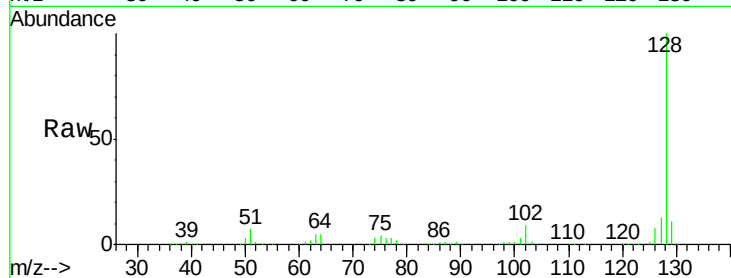




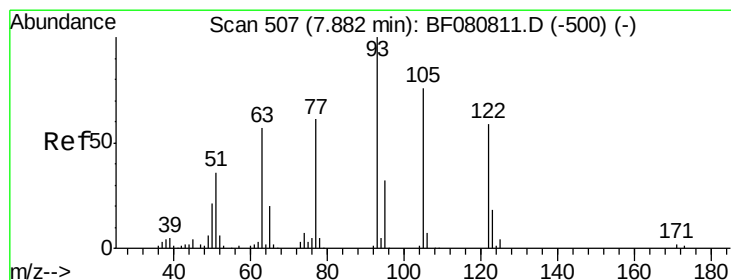
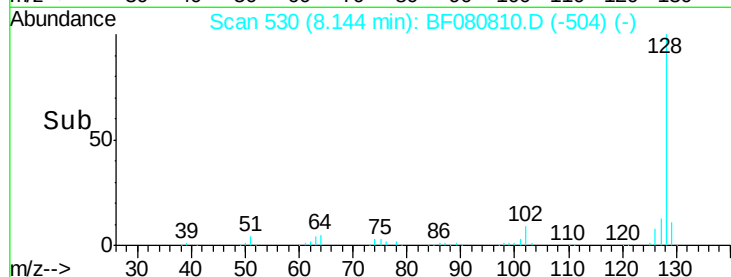
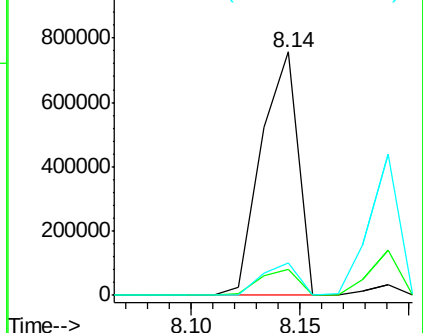
#31  
Naphthalene  
Concen: 25.41 ng  
RT: 8.14 min Scan# 530  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

Tgt Ion:128 Resp: 895427  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.1 13.7  
127 13.3 10.8 16.2

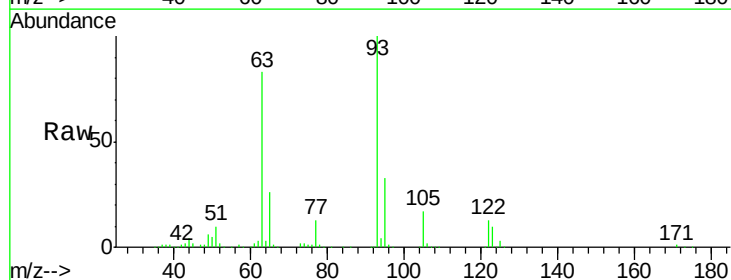


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

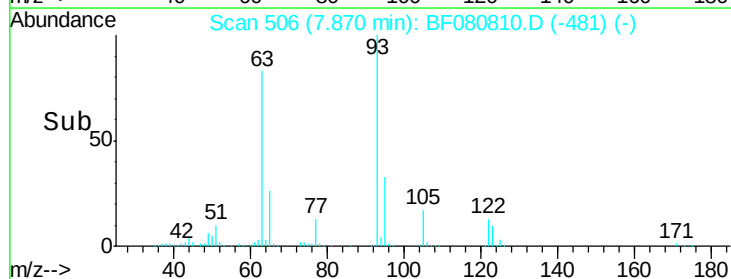
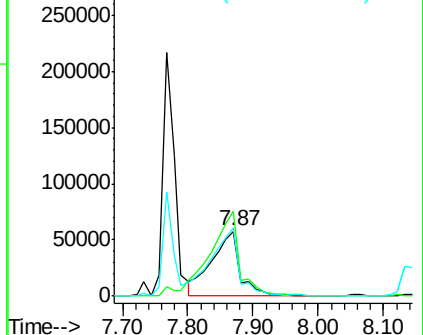


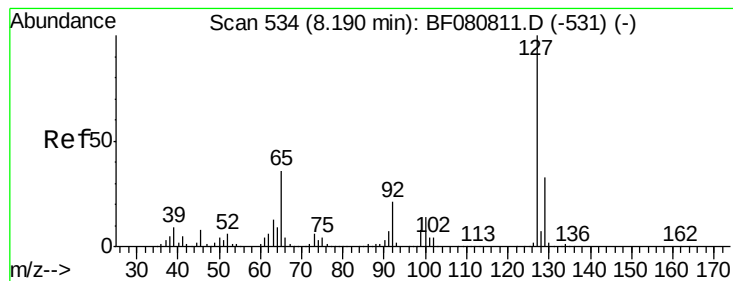
#32  
Benzoic acid  
Concen: 24.32 ng  
RT: 7.87 min Scan# 506  
Delta R.T. -0.01 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Tgt Ion:122 Resp: 177796  
Ion Ratio Lower Upper  
122 100  
105 131.3 102.3 142.3  
77 106.3 81.2 121.2



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 28.50 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

Tgt Ion:127 Resp: 419459

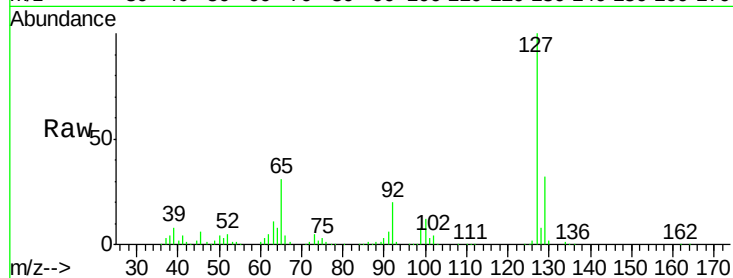
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 31.0 28.9 43.3

92 19.8 16.7 25.1

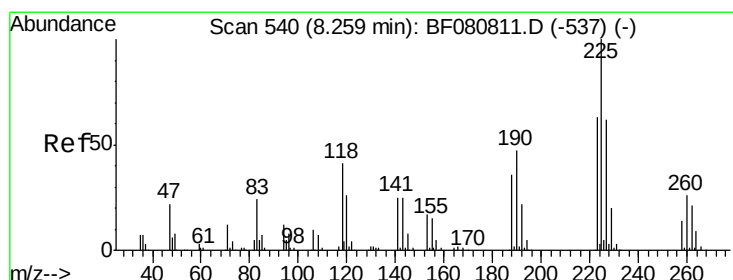
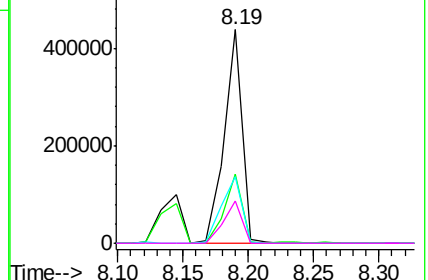
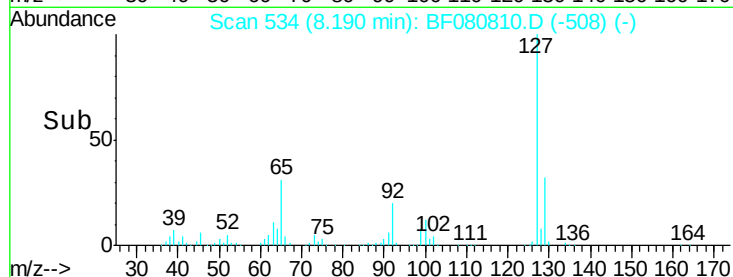


Abundance Ion 127.00 (126.70 to 127.70): E

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: 25.65 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

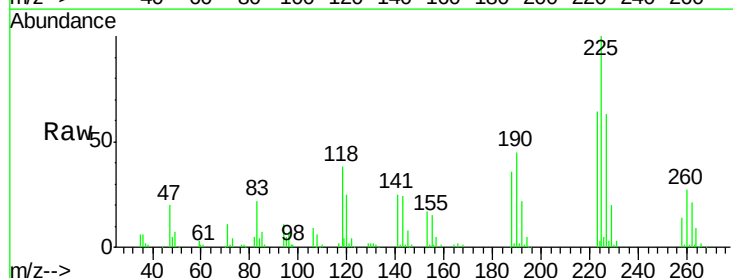
Tgt Ion:225 Resp: 175092

Ion Ratio Lower Upper

225 100

223 63.7 50.2 75.2

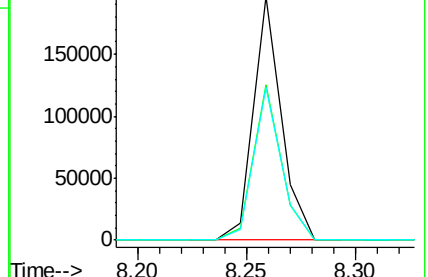
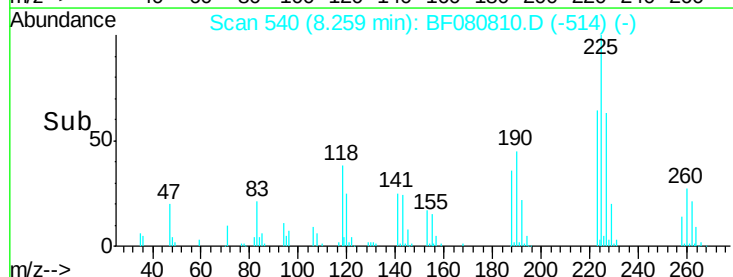
227 62.7 49.7 74.5

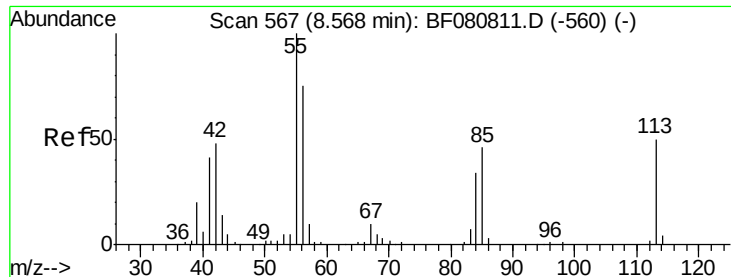


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

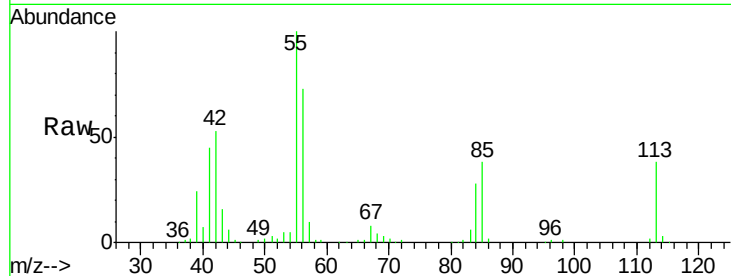




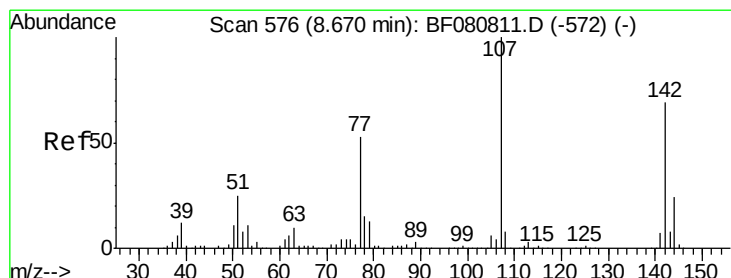
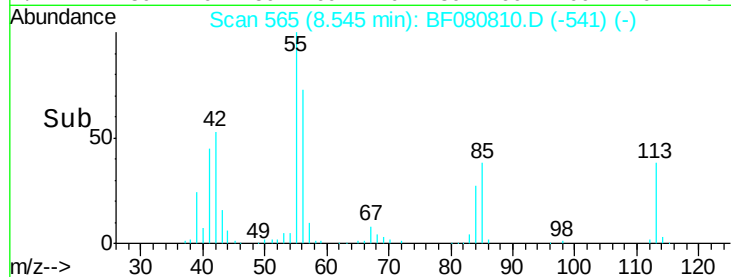
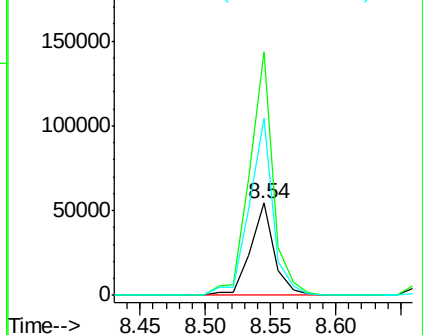
#35  
 Caprolactam  
 Concen: 23.56 ng  
 RT: 8.54 min Scan# 565  
 Delta R.T. -0.02 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Tgt Ion:113 Resp: 68684  
 Ion Ratio Lower Upper  
 113 100  
 55 264.2 179.0 219.0#  
 56 191.7 128.2 168.2#

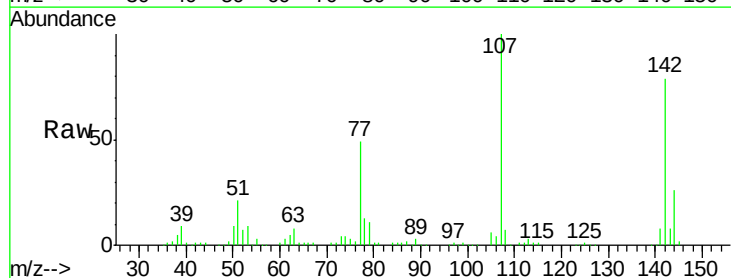


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

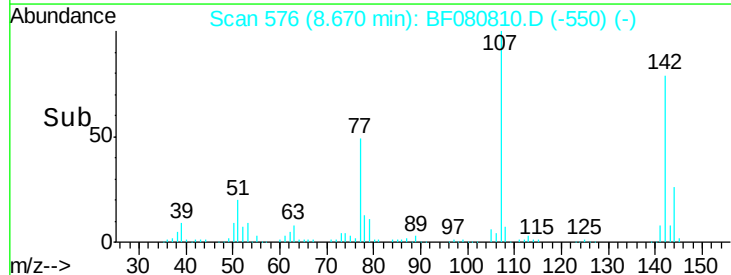
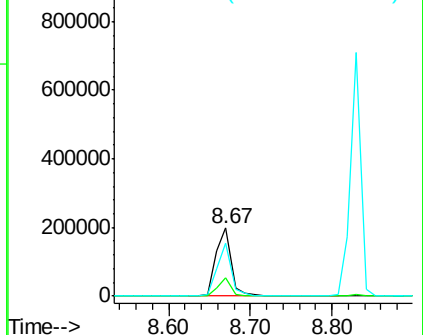


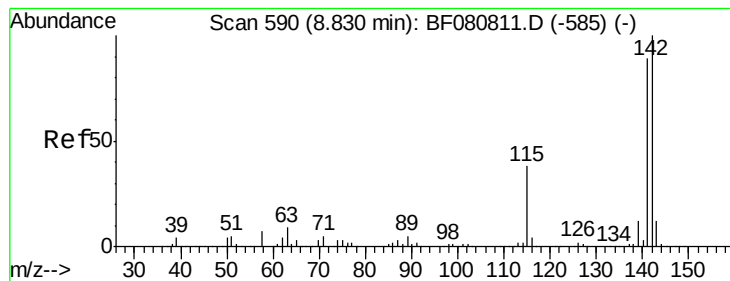
#36  
 4-Chloro-3-methylphenol  
 Concen: 24.52 ng  
 RT: 8.67 min Scan# 576  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Tgt Ion:107 Resp: 262429  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 19.0 28.4  
 142 78.9 54.9 82.3



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: 28.64 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

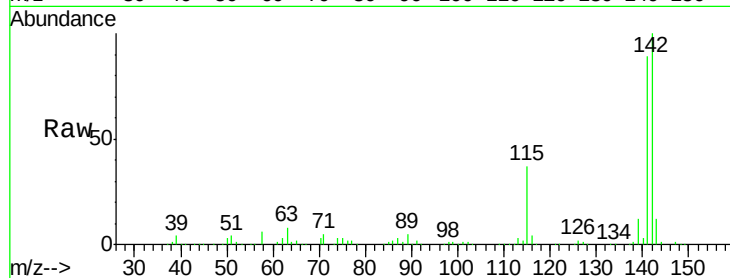
Tgt Ion:142 Resp: 620966

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

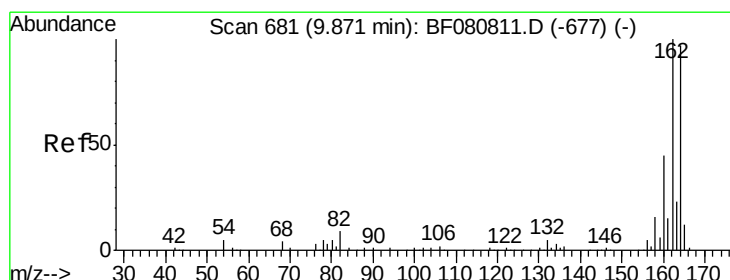
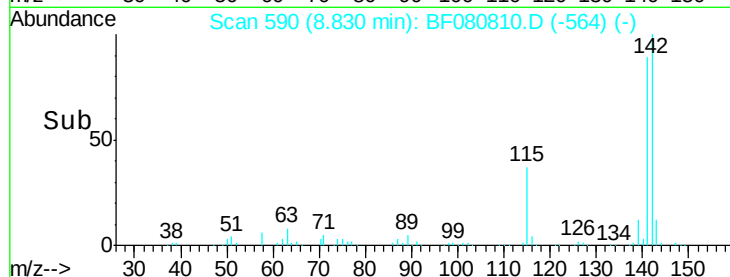
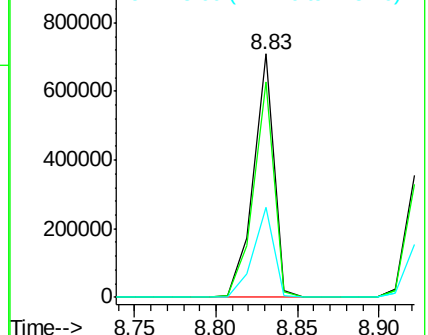
115 36.9 30.6 45.8



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: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

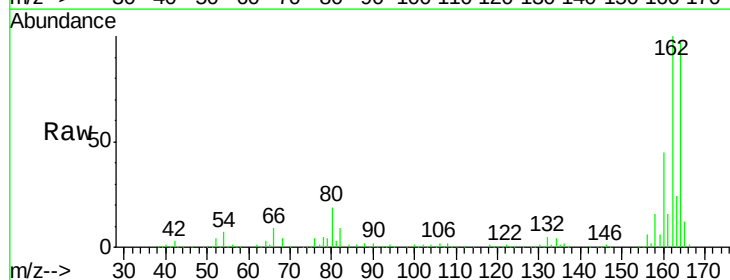
Tgt Ion:164 Resp: 350417

Ion Ratio Lower Upper

164 100

162 103.0 82.3 123.5

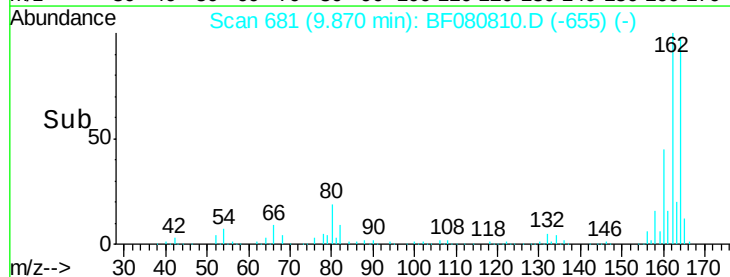
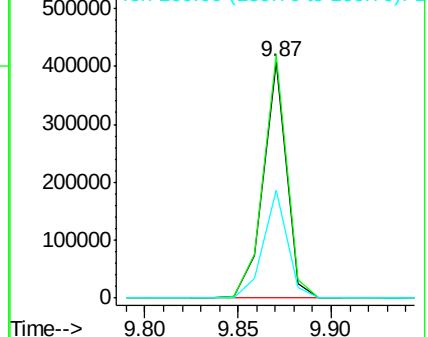
160 45.9 37.3 55.9

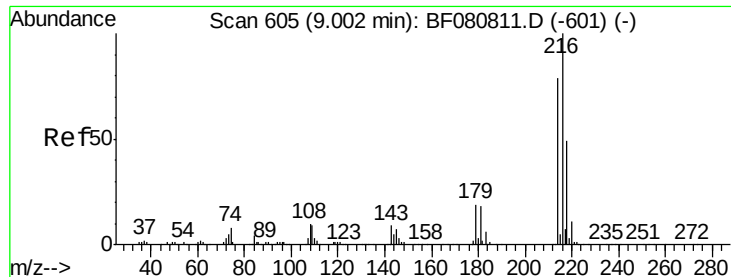


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

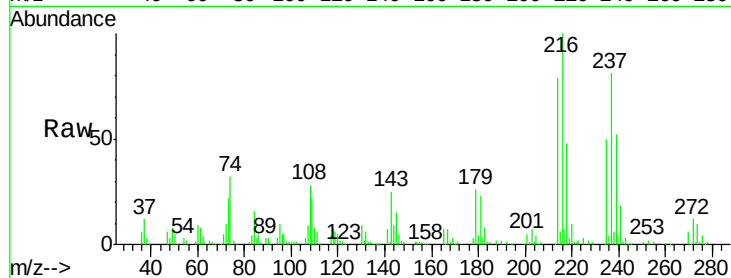




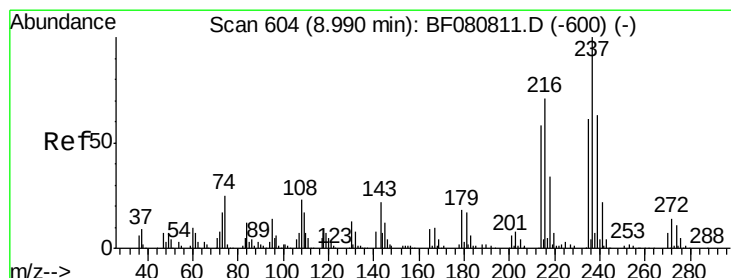
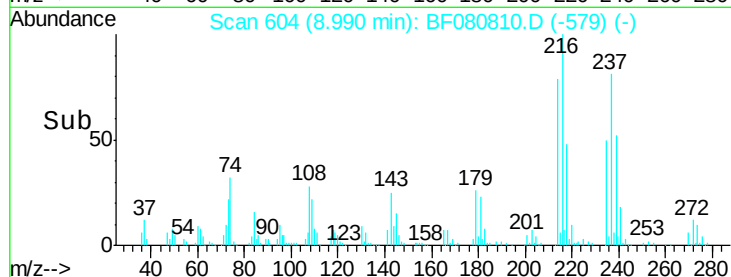
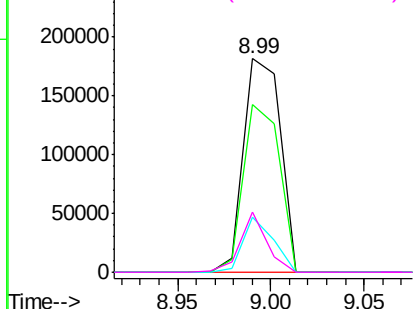
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 22.23 ng  
 RT: 8.99 min Scan# 604  
 Delta R.T. -0.01 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 249226 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.3  | 64.0  | 96.0   |
| 179      | 21.4  | 16.9  | 25.3   |
| 108      | 20.4  | 14.9  | 22.3   |

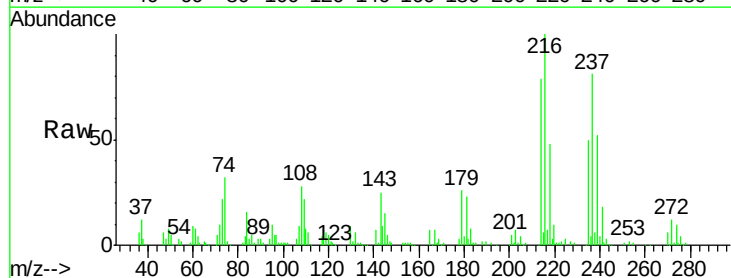


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

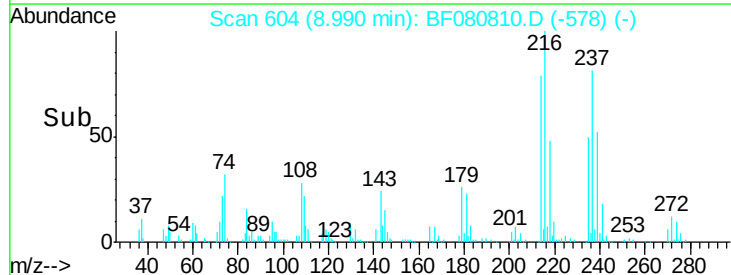
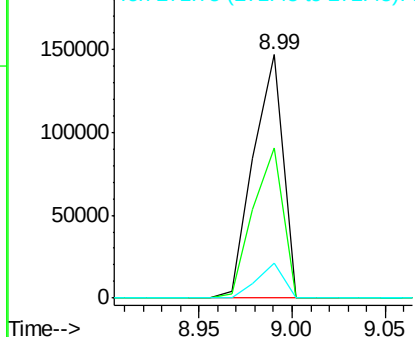


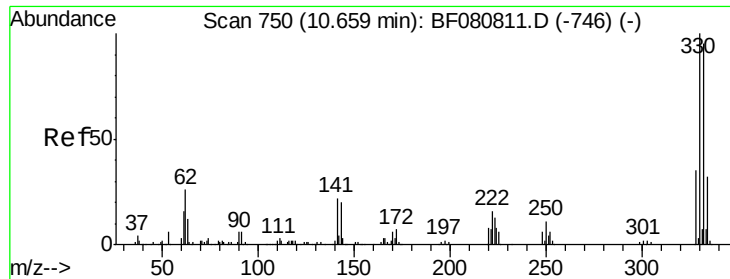
#40  
 Hexachlorocyclopentadiene  
 Concen: 23.59 ng  
 RT: 8.99 min Scan# 604  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 161572 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 61.6  | 41.5  | 81.5   |
| 272      | 14.6  | 0.0   | 33.7   |



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

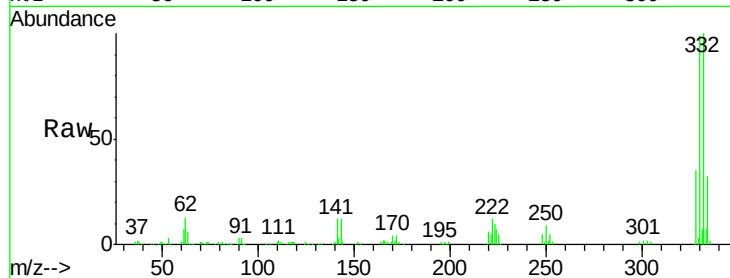




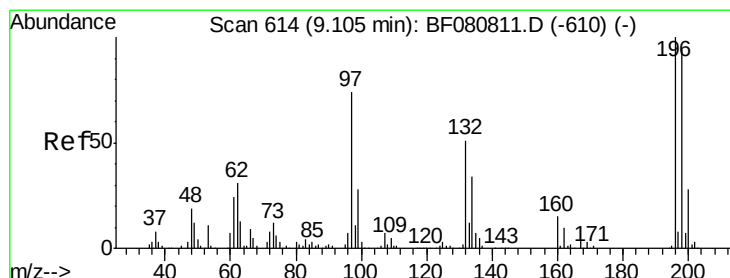
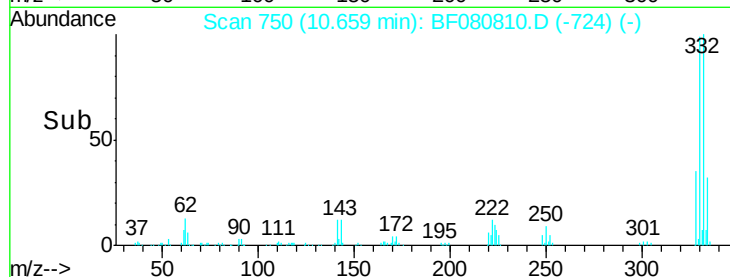
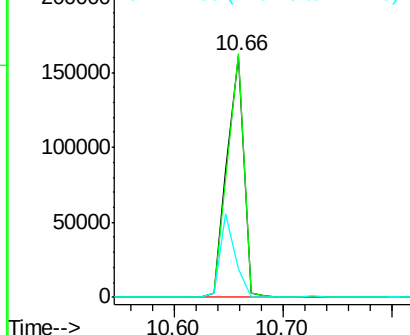
#41  
 2,4,6-Tribromophenol  
 Concen: 48.12 ng  
 RT: 10.66 min Scan# 750  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.9  | 76.2  | 114.4 |
| 141     | 30.8  | 25.4  | 38.0  |

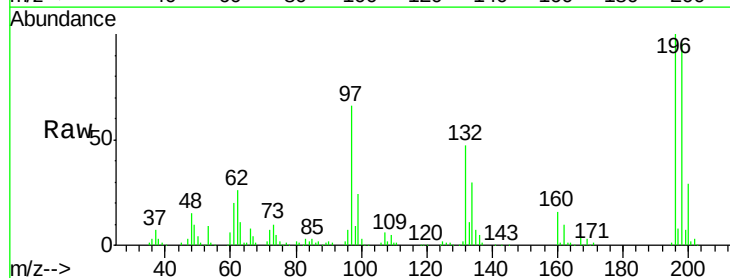


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

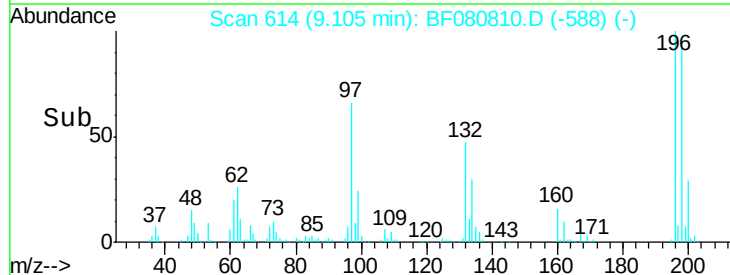
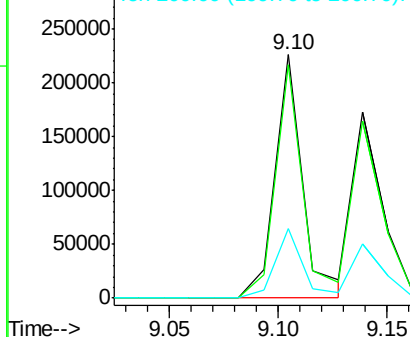


#42  
 2,4,6-Trichlorophenol  
 Concen: 26.32 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

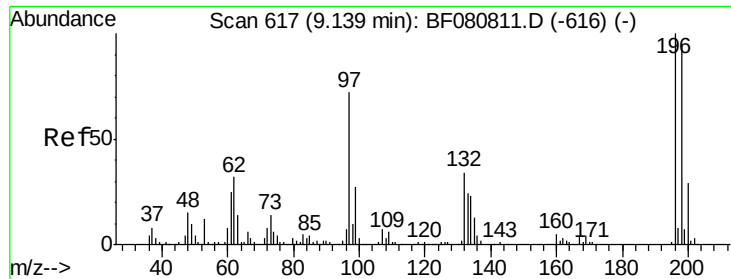
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.1  | 75.3  | 112.9 |
| 200     | 28.6  | 22.7  | 34.1  |



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E



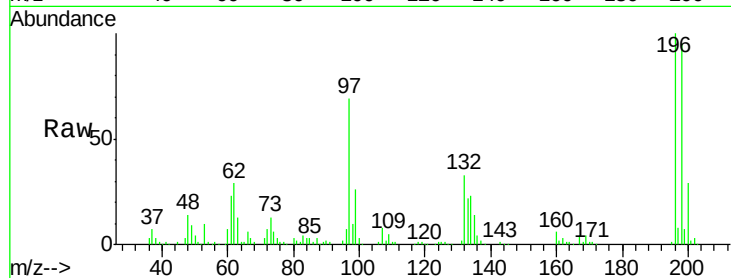




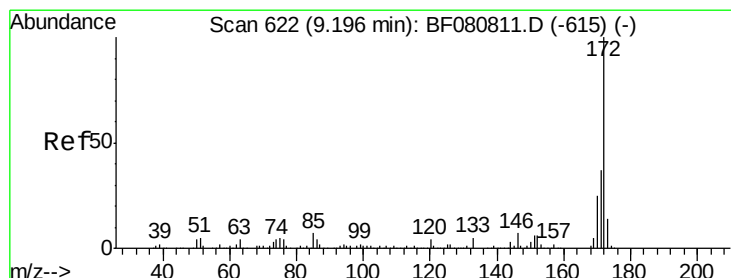
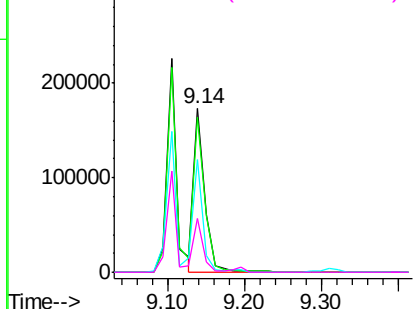
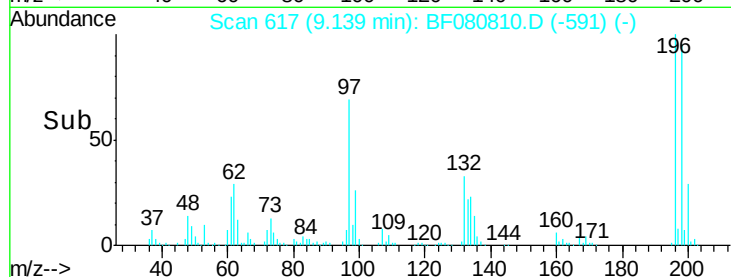
#43  
 2,4,5-Trichlorophenol  
 Concen: 22.92 ng  
 RT: 9.14 min Scan# 617  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Tgt Ion:196 Resp: 174237  
 Ion Ratio Lower Upper  
 196 100  
 198 94.9 76.3 114.5  
 97 69.0 58.8 88.2  
 132 33.2 27.9 41.9

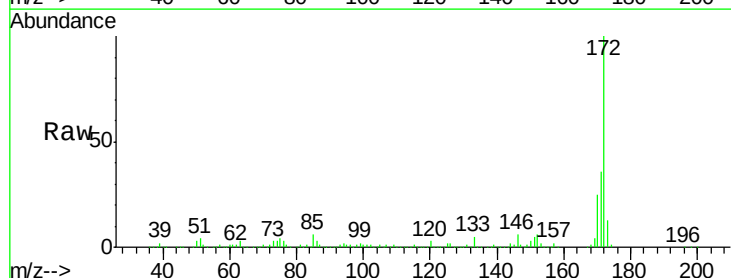


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

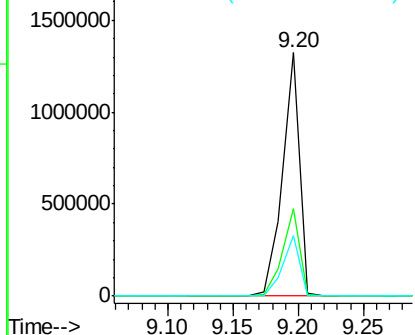
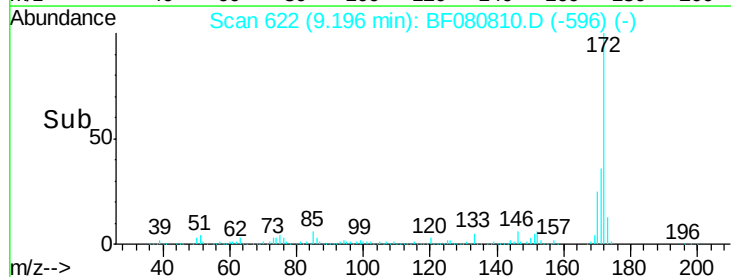


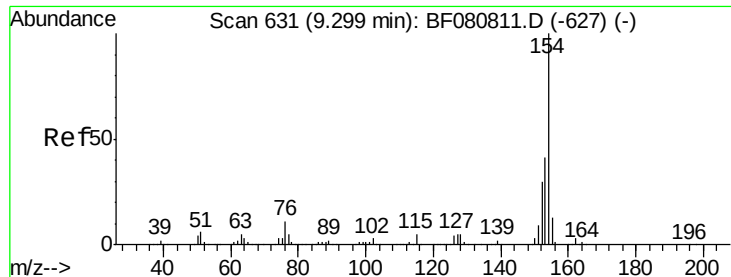
#44  
 2-Fluorobiphenyl  
 Concen: 52.25 ng  
 RT: 9.20 min Scan# 622  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Tgt Ion:172 Resp: 1217916  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 30.0 45.0  
 170 24.6 20.2 30.4



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

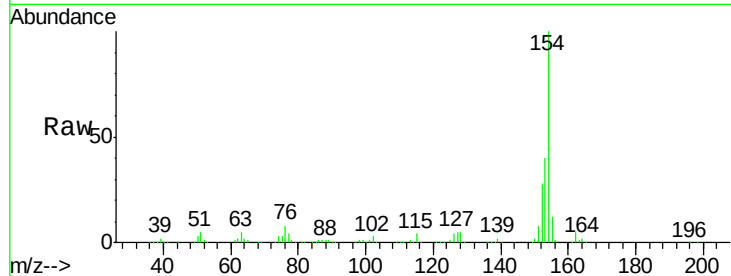




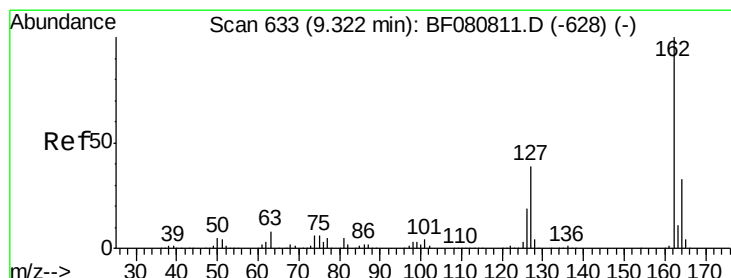
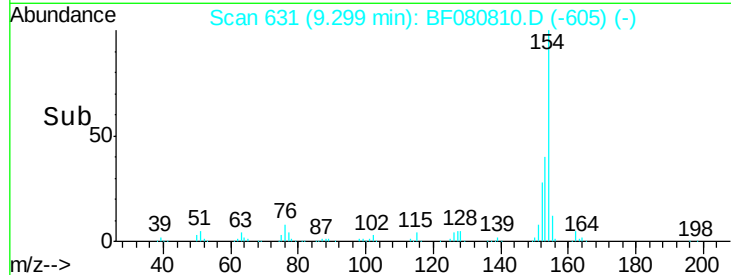
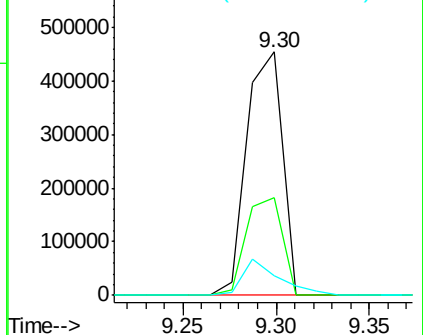
#45  
 1,1'-Biphenyl  
 Concen: 22.09 ng  
 RT: 9.30 min Scan# 631  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Tgt Ion:154 Resp: 602248  
 Ion Ratio Lower Upper  
 154 100  
 153 40.0 21.1 61.1  
 76 7.9 0.0 30.5

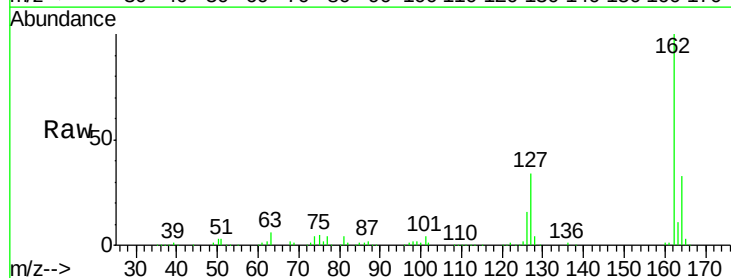


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

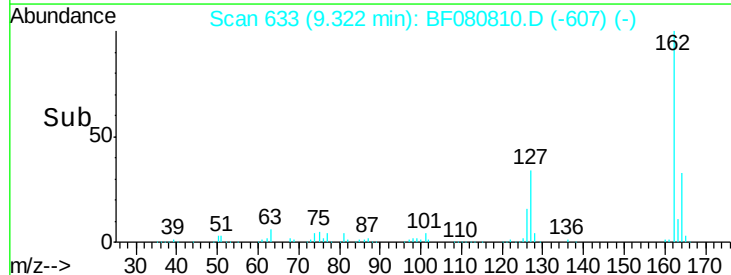
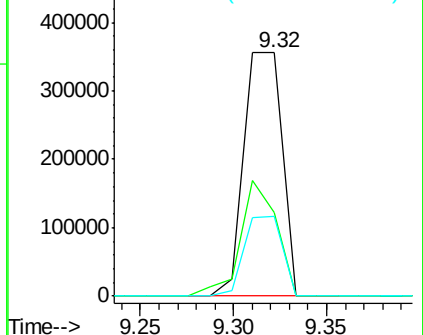


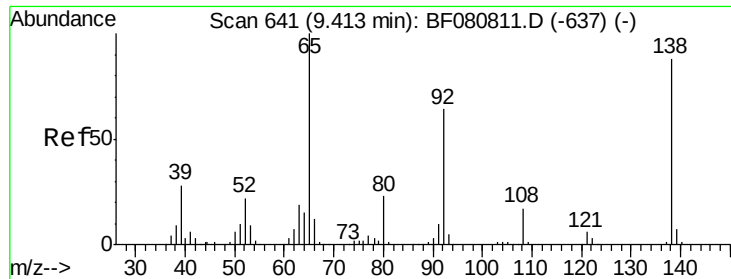
#46  
 2-Chloronaphthalene  
 Concen: 22.75 ng  
 RT: 9.32 min Scan# 633  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Tgt Ion:162 Resp: 505786  
 Ion Ratio Lower Upper  
 162 100  
 127 34.5 31.0 46.6  
 164 33.0 26.8 40.2



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

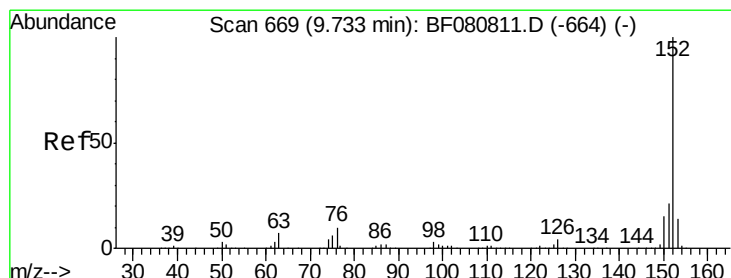
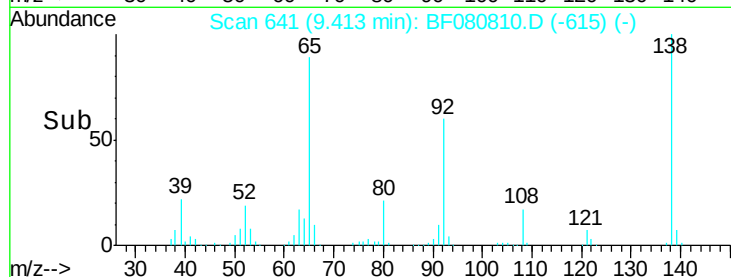
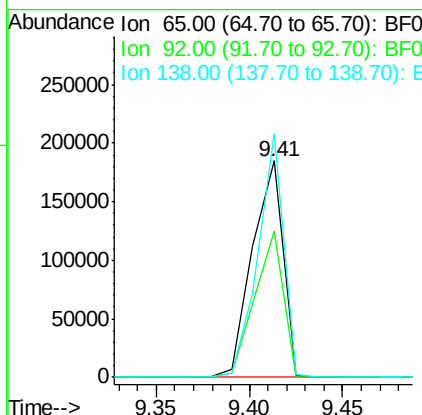
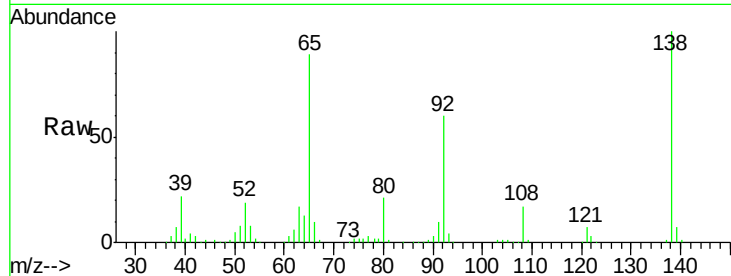




#47  
2-Nitroaniline  
Concen: 24.45 ng  
RT: 9.41 min Scan# 641  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

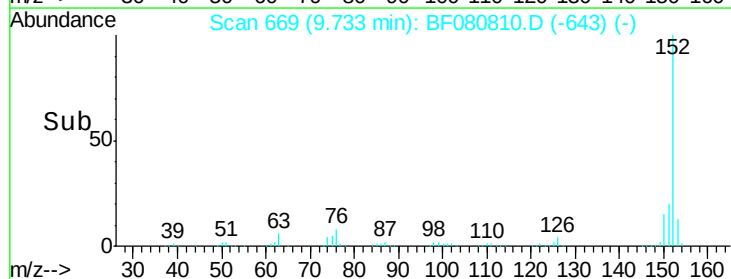
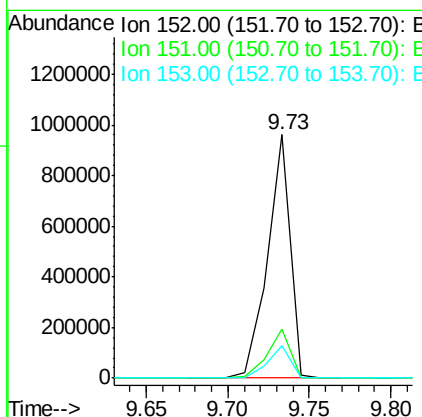
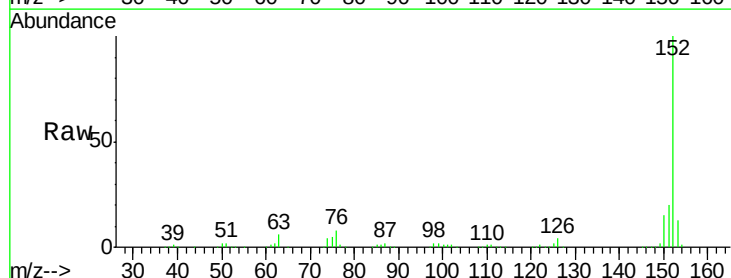
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

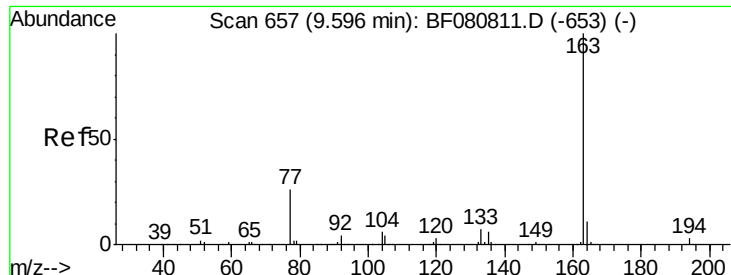
Tgt Ion: 65 Resp: 208705  
Ion Ratio Lower Upper  
65 100  
92 67.5 50.9 76.3  
138 112.5 70.6 105.8#



#48  
Acenaphthylene  
Concen: 26.51 ng  
RT: 9.73 min Scan# 669  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Tgt Ion: 152 Resp: 924699  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.8 25.2  
153 13.5 11.0 16.4

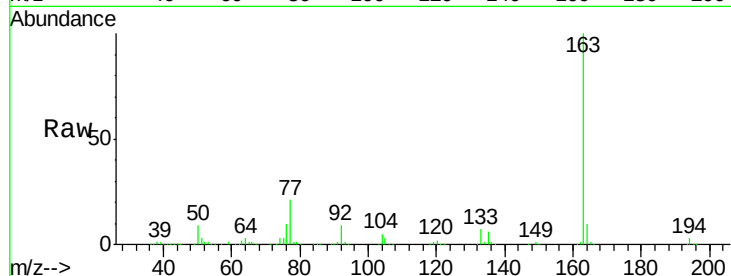




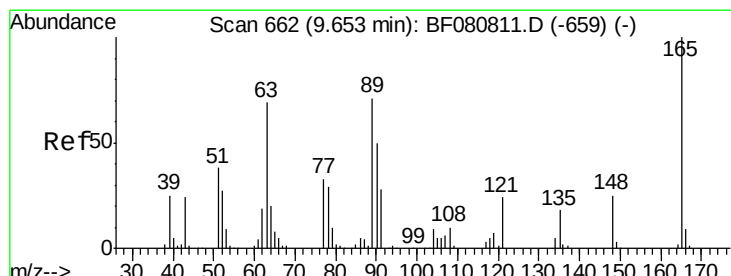
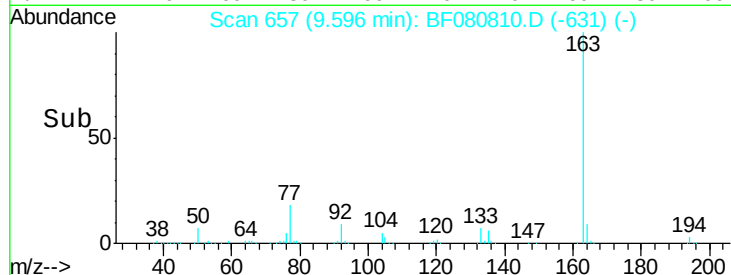
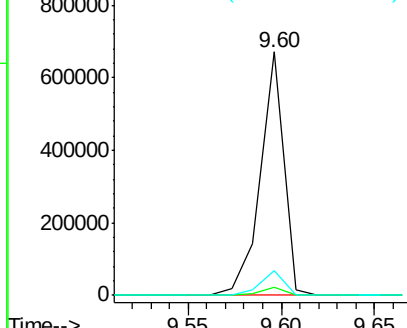
#49  
Dimethylphthalate  
Concen: 23.85 ng  
RT: 9.60 min Scan# 657  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

Tgt Ion:163 Resp: 580489  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.7 4.1  
164 10.3 8.5 12.7

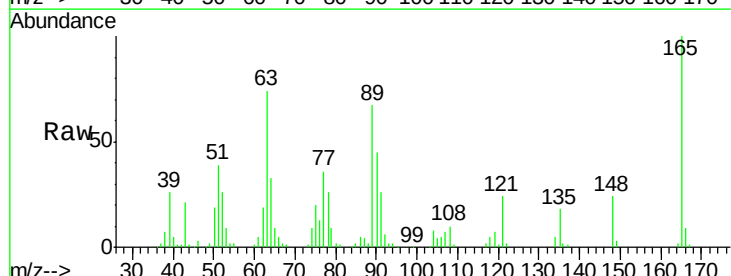


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

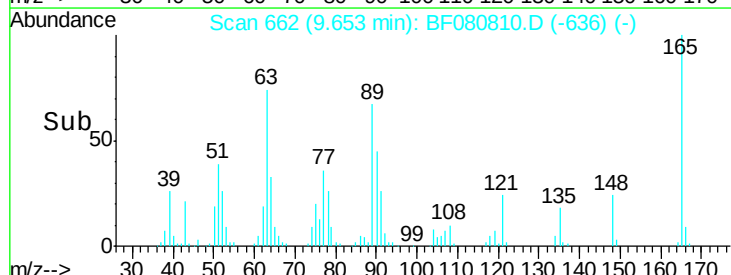
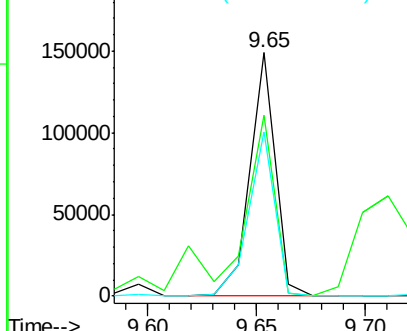


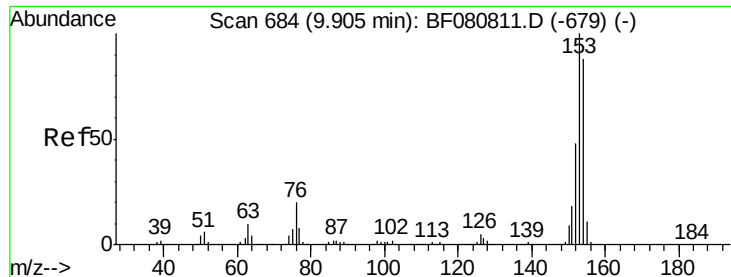
#50  
2,6-Dinitrotoluene  
Concen: 23.34 ng  
RT: 9.65 min Scan# 662  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Tgt Ion:165 Resp: 120848  
Ion Ratio Lower Upper  
165 100  
63 74.2 68.2 102.4  
89 67.5 56.9 85.3



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: 25.78 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

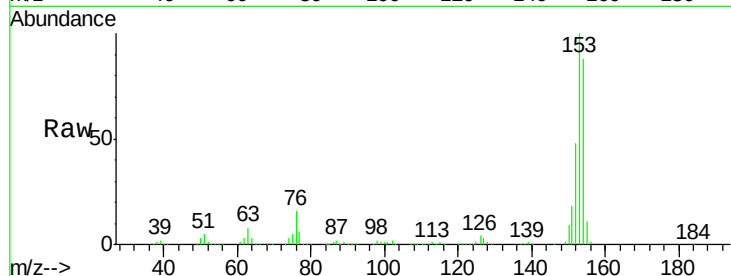
Tgt Ion:154 Resp: 547014

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

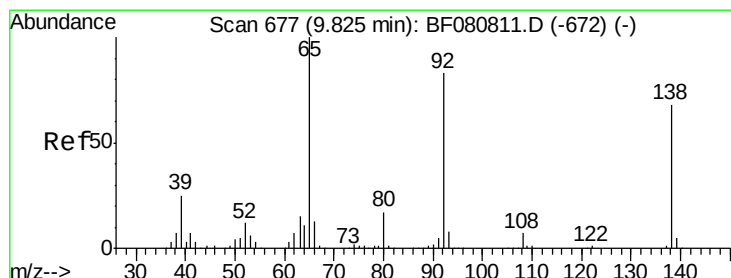
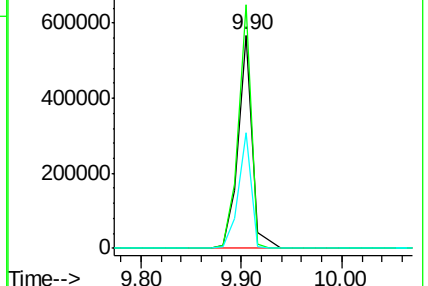
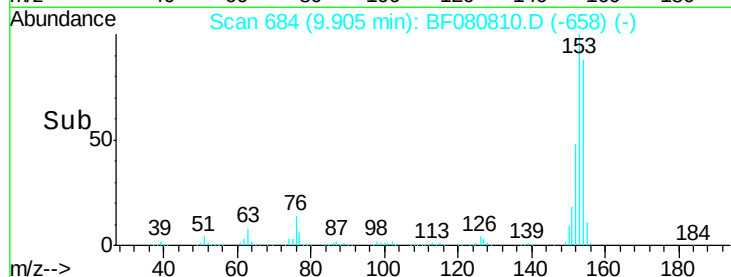
152 54.4 44.1 66.1



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: 23.90 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

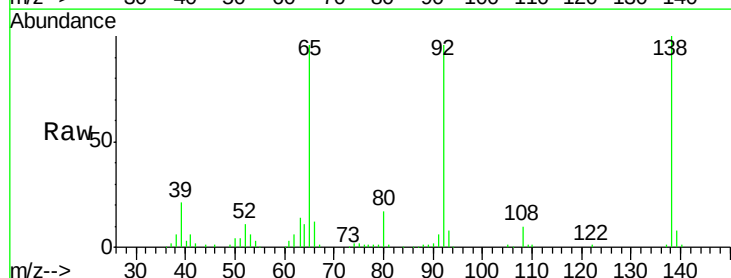
Tgt Ion:138 Resp: 145476

Ion Ratio Lower Upper

138 100

108 9.6 8.6 13.0

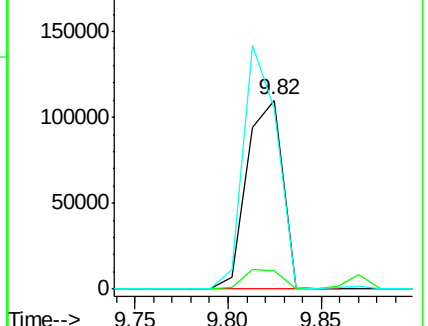
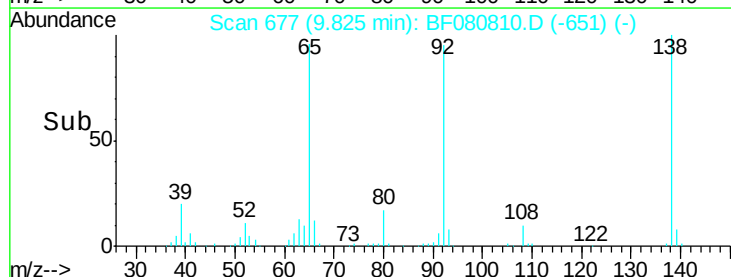
92 95.8 97.4 146.2#

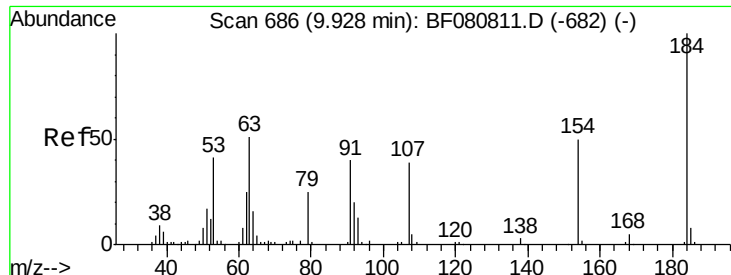


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

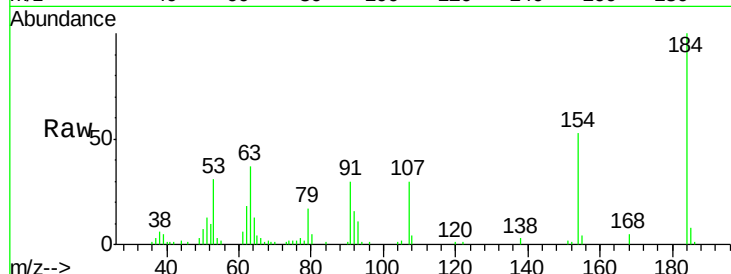




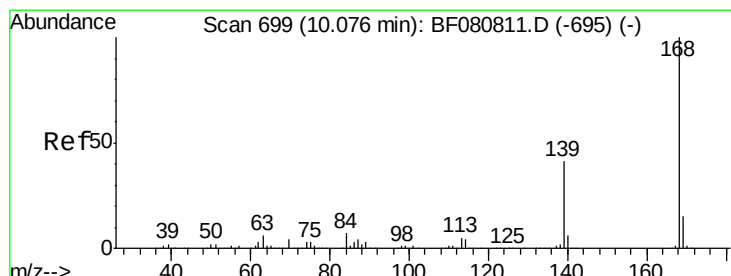
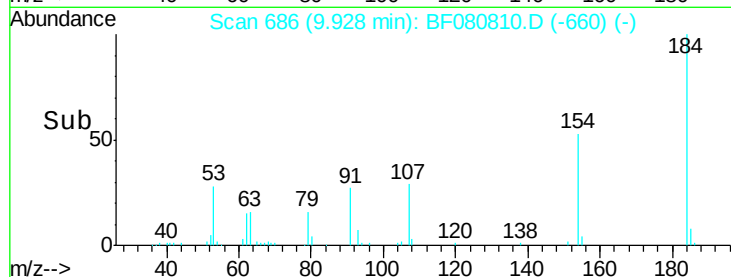
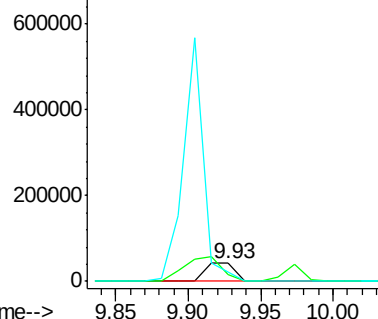
#53  
 2,4-Dinitrophenol  
 Concen: 21.14 ng  
 RT: 9.93 min Scan# 686  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Tgt Ion:184 Resp: 60287  
 Ion Ratio Lower Upper  
 184 100  
 63 37.0 42.2 63.2#  
 154 52.7 47.4 71.0

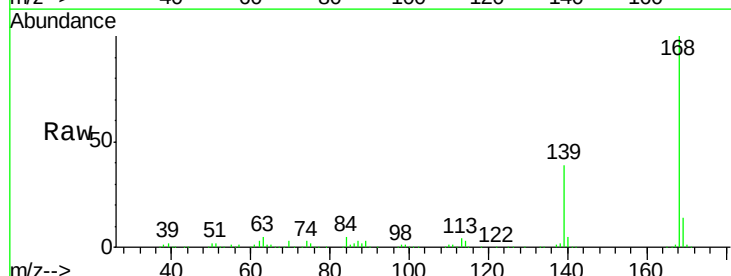


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

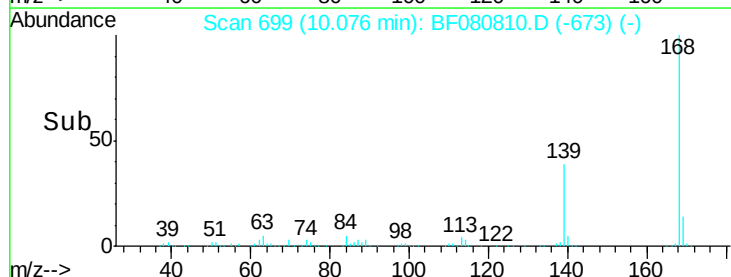
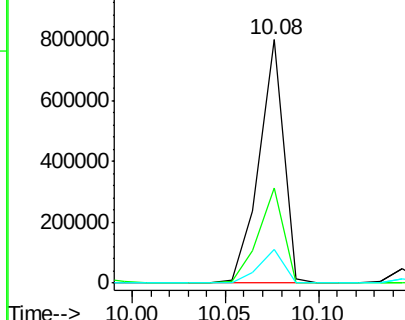


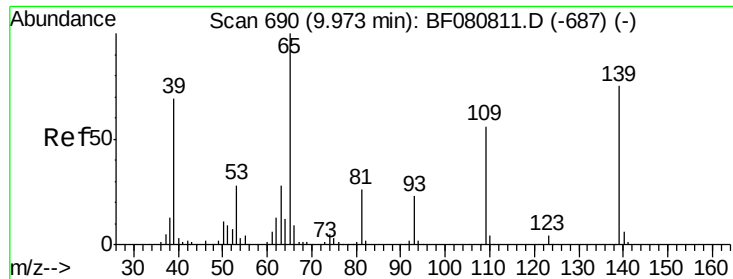
#54  
 Dibenzofuran  
 Concen: 25.57 ng  
 RT: 10.08 min Scan# 699  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Tgt Ion:168 Resp: 725744  
 Ion Ratio Lower Upper  
 168 100  
 139 38.9 32.8 49.2  
 169 14.0 11.6 17.4



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

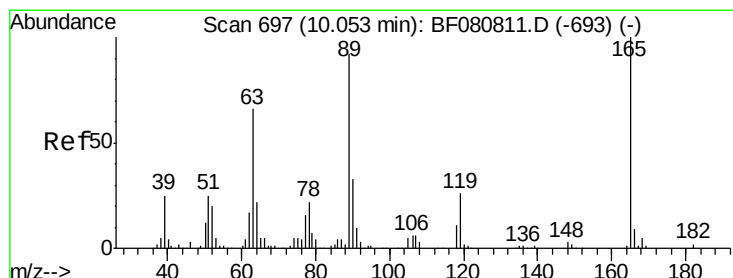
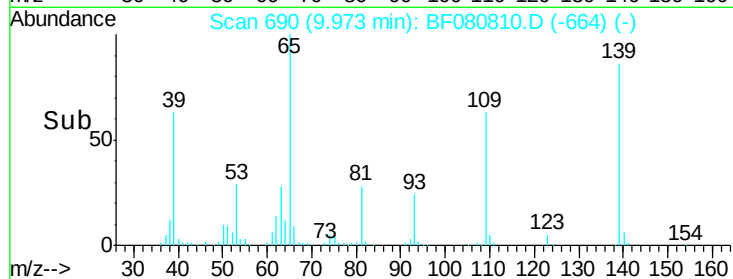
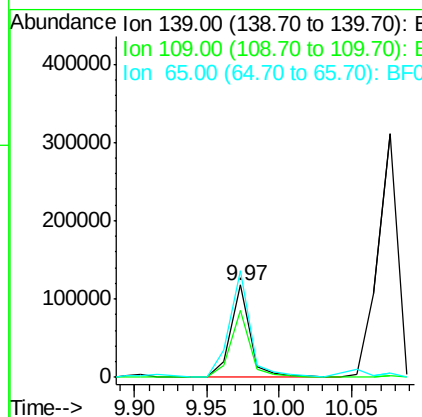
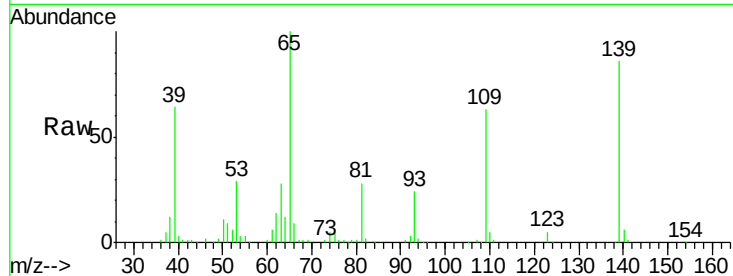




#55  
4-Nitrophenol  
Concen: 25.63 ng  
RT: 9.97 min Scan# 690  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

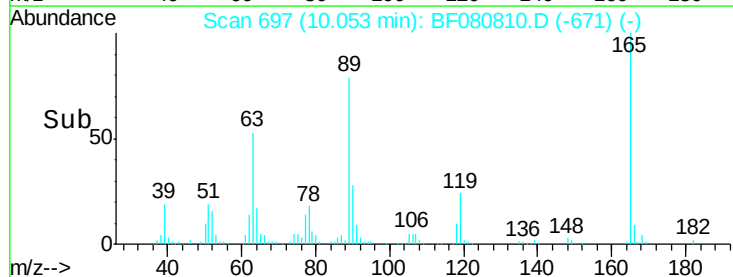
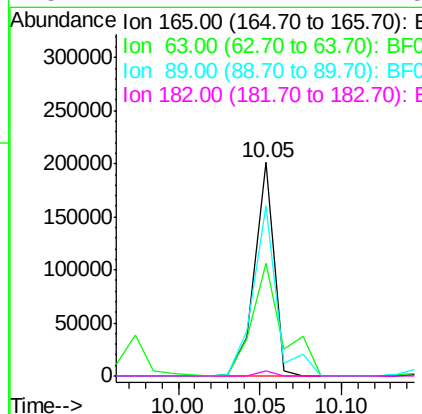
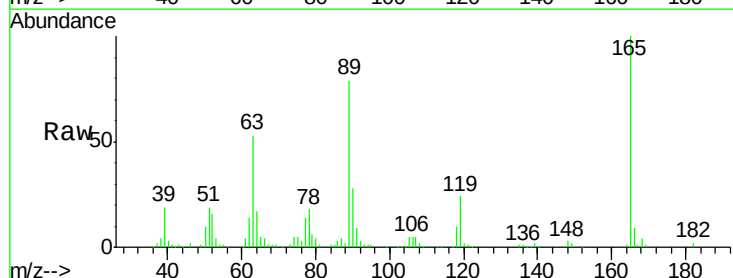
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

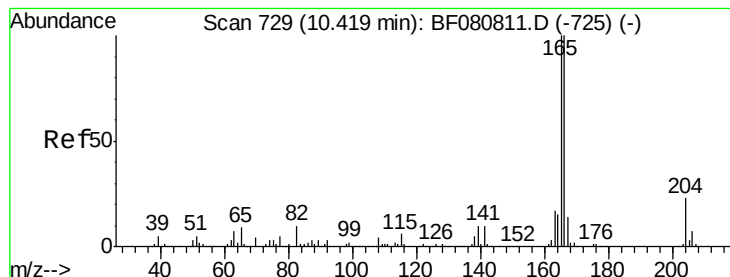
Tgt Ion:139 Resp: 111894  
Ion Ratio Lower Upper  
139 100  
109 72.7 55.1 95.1  
65 116.0 113.9 153.9



#56  
2,4-Dinitrotoluene  
Concen: 24.80 ng  
RT: 10.05 min Scan# 697  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Tgt Ion:165 Resp: 166751  
Ion Ratio Lower Upper  
165 100  
63 52.7 53.3 79.9#  
89 79.4 73.5 110.3  
182 2.2 1.7 2.5





#57

Fluorene

Concen: 25.17 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

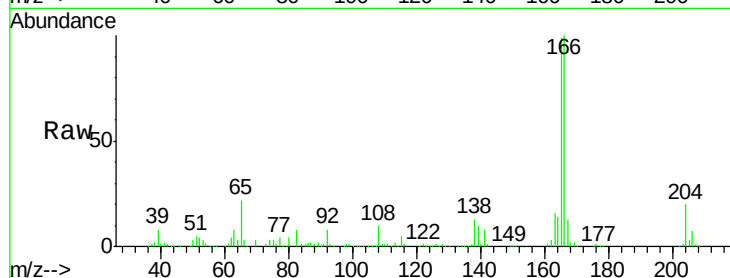
Tgt Ion:166 Resp: 558214

Ion Ratio Lower Upper

166 100

165 99.1 79.9 119.9

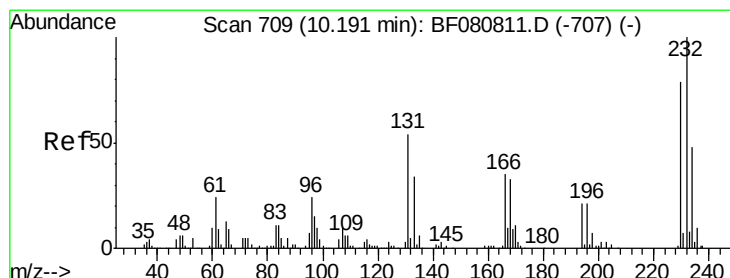
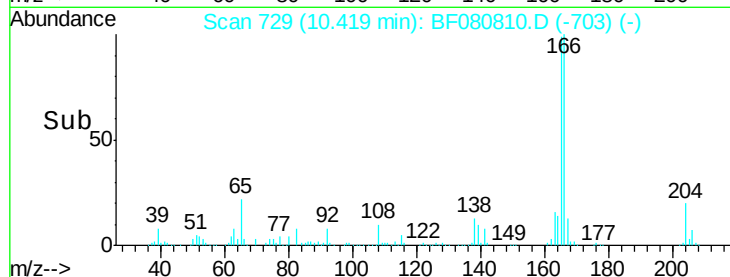
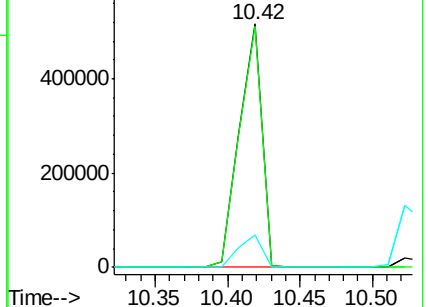
167 13.3 10.8 16.2



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: 25.01 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Tgt Ion:232 Resp: 141889

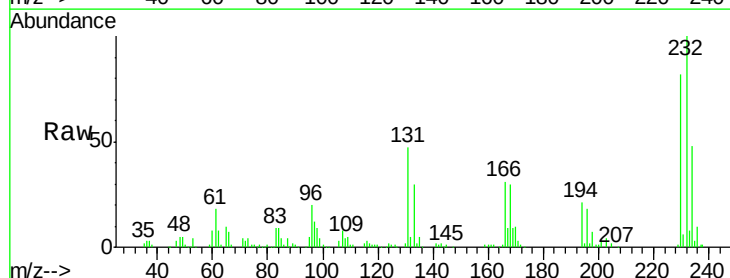
Ion Ratio Lower Upper

232 100

131 51.1 41.9 62.9

130 2.3 2.0 3.0

166 32.7 26.4 39.6

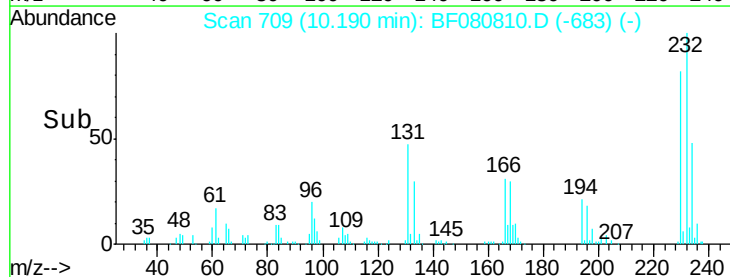
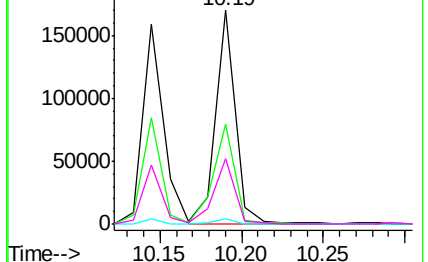


Abundance Ion 232.00 (231.70 to 232.70): E

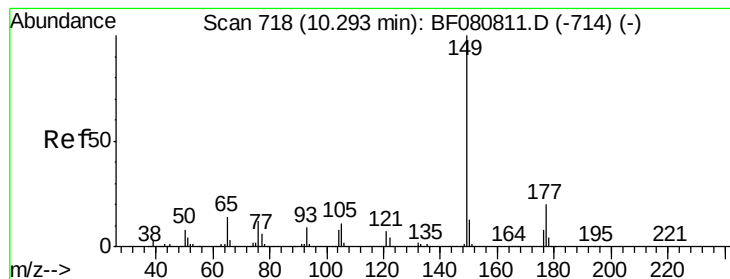
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 23.58 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

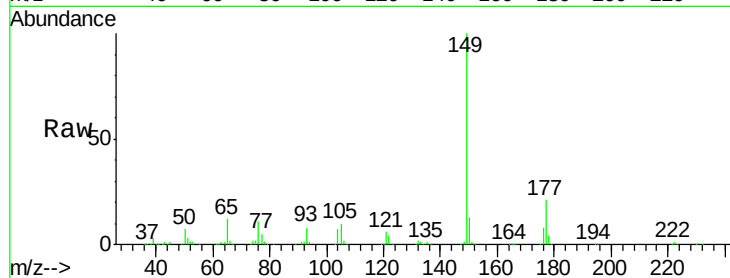
Tgt Ion:149 Resp: 555428

Ion Ratio Lower Upper

149 100

177 20.7 16.2 24.2

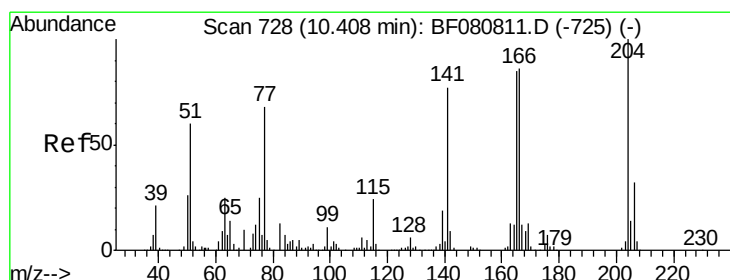
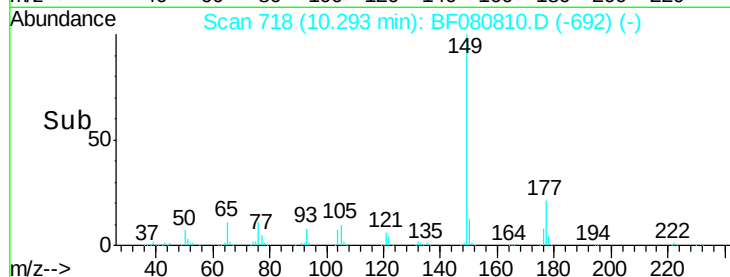
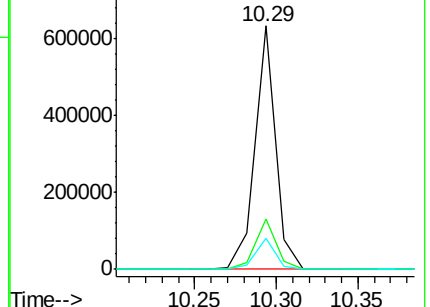
150 12.9 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 24.32 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

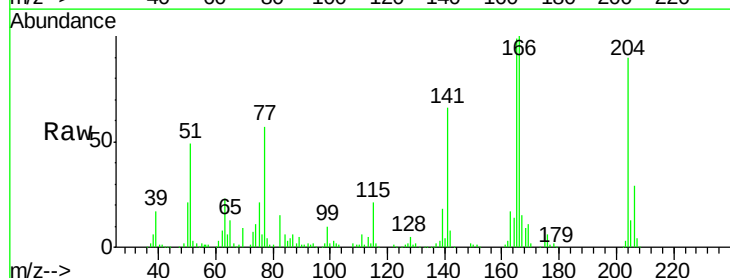
Tgt Ion:204 Resp: 254427

Ion Ratio Lower Upper

204 100

206 31.7 25.6 38.4

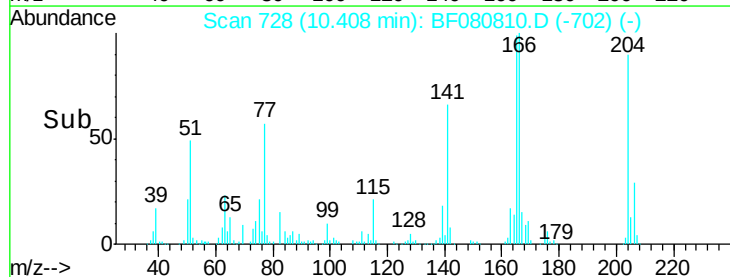
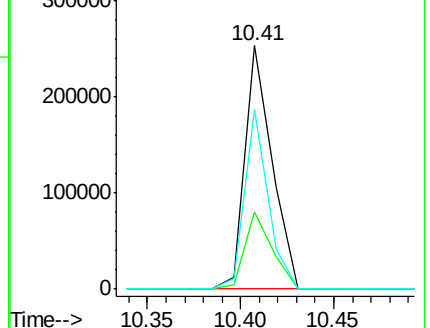
141 73.6 61.2 91.8

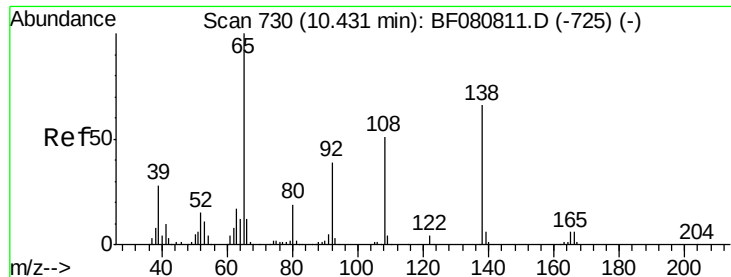


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

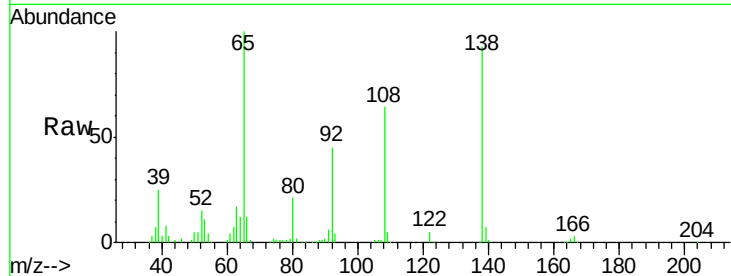




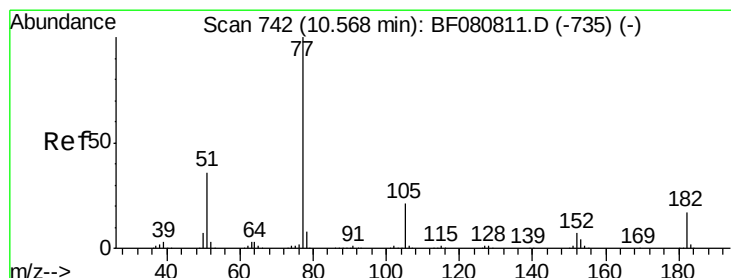
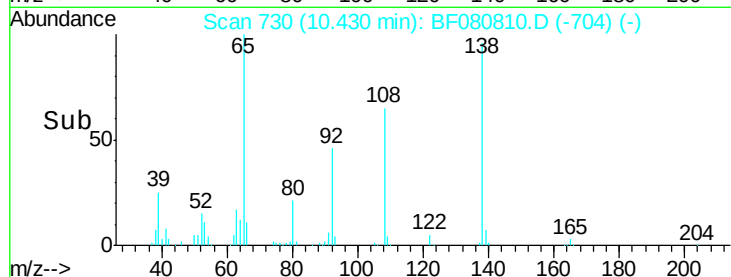
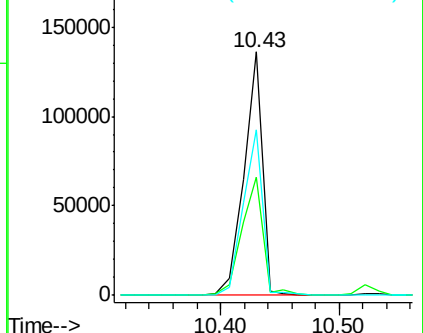
#61  
4-Nitroaniline  
Concen: 27.43 ng  
RT: 10.43 min Scan# 730  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

Tgt Ion:138 Resp: 147947  
Ion Ratio Lower Upper  
138 100  
92 48.3 38.7 78.7  
108 68.1 56.8 96.8

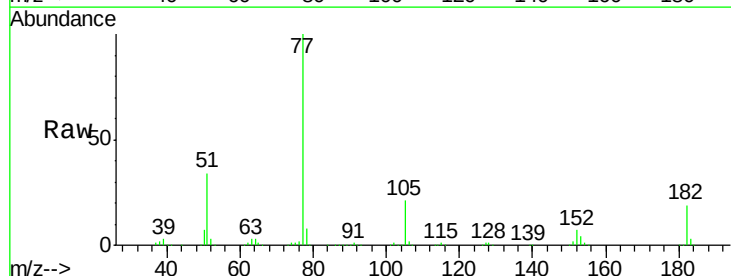


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

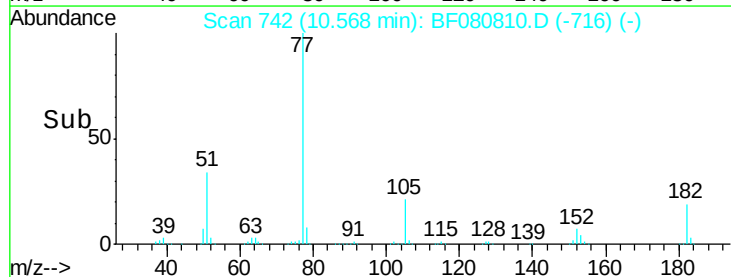
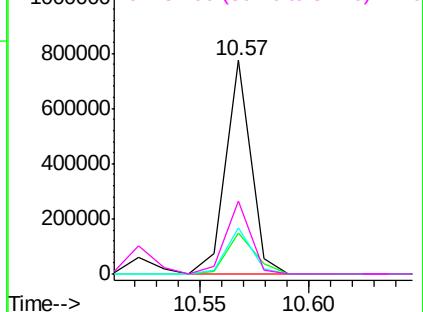


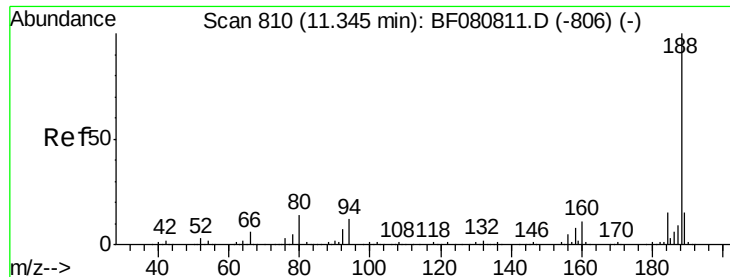
#62  
Azobenzene  
Concen: 23.97 ng  
RT: 10.57 min Scan# 742  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Tgt Ion: 77 Resp: 622152  
Ion Ratio Lower Upper  
77 100  
182 19.0 0.0 37.4  
105 21.5 0.9 40.9  
51 34.0 15.9 55.9



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

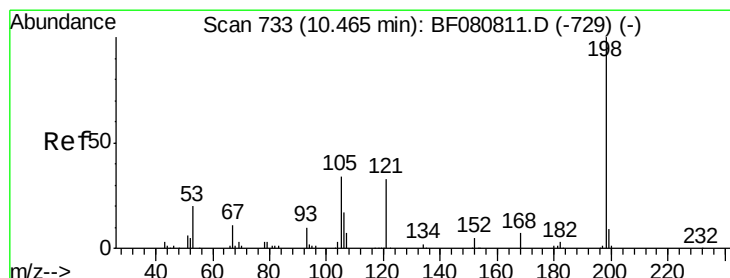
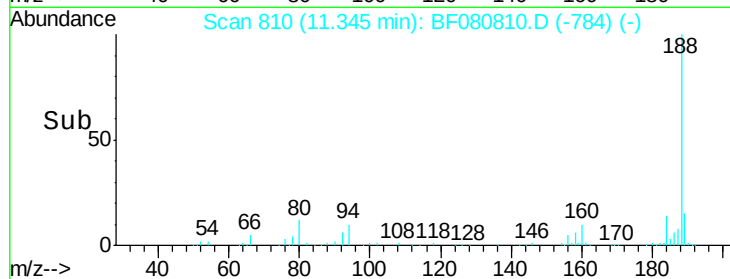
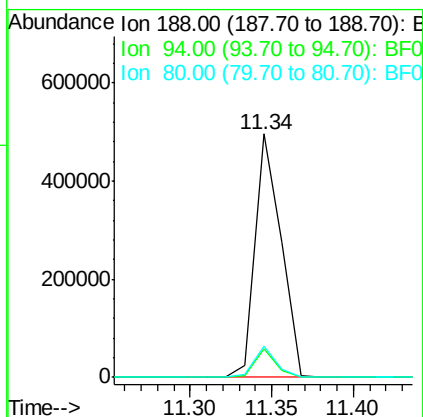
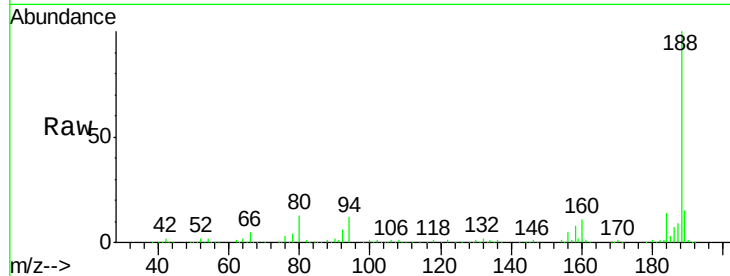




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.34 min Scan# 810  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

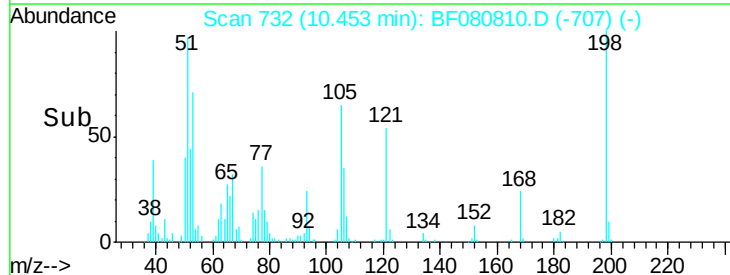
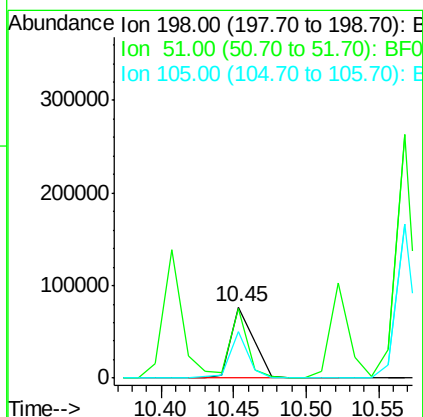
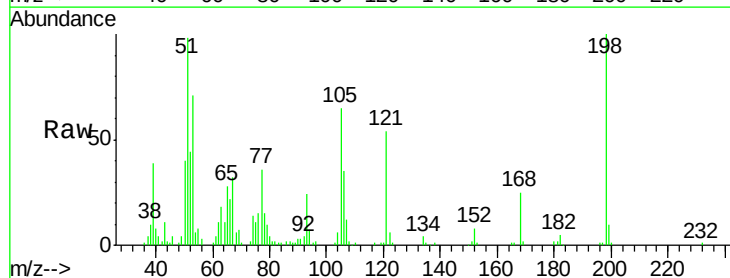
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

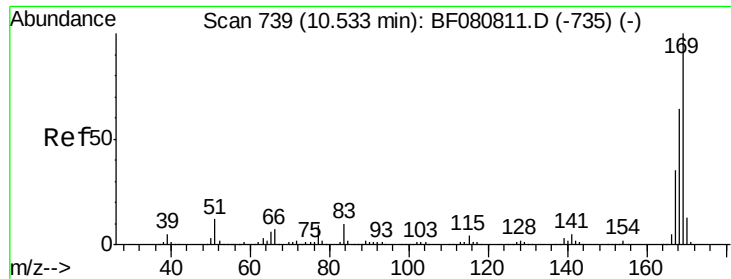
Tgt Ion:188 Resp: 548568  
Ion Ratio Lower Upper  
188 100  
94 11.9 9.7 14.5  
80 12.7 11.2 16.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 24.25 ng  
RT: 10.45 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Tgt Ion:198 Resp: 82485  
Ion Ratio Lower Upper  
198 100  
51 97.5 13.9 53.9#  
105 65.4 14.1 54.1#

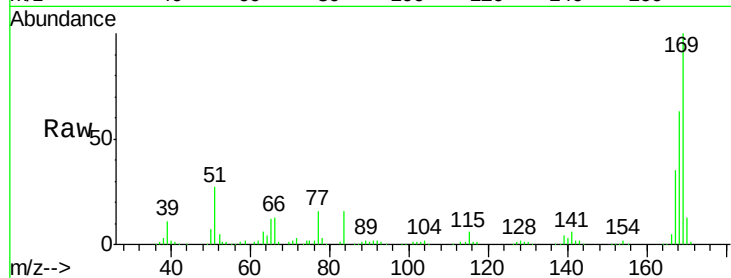




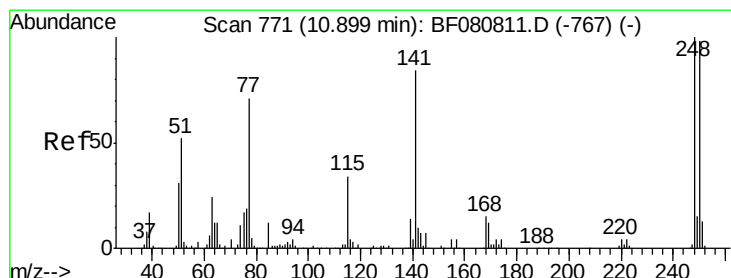
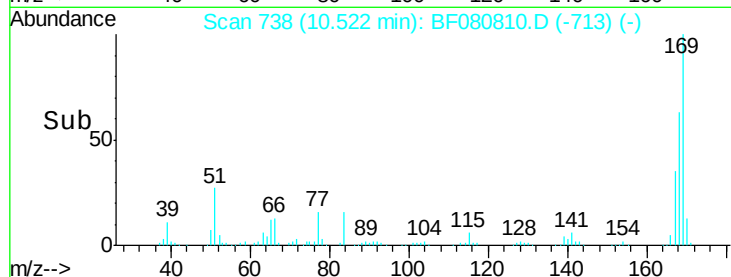
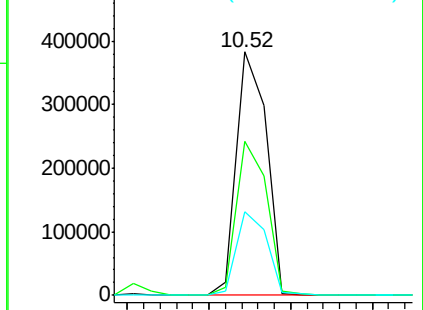
#65  
 n-Nitrosodiphenylamine  
 Concen: 26.40 ng  
 RT: 10.52 min Scan# 738  
 Delta R.T. -0.01 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Tgt Ion:169 Resp: 483155  
 Ion Ratio Lower Upper  
 169 100  
 168 63.2 50.9 76.3  
 167 34.6 27.7 41.5

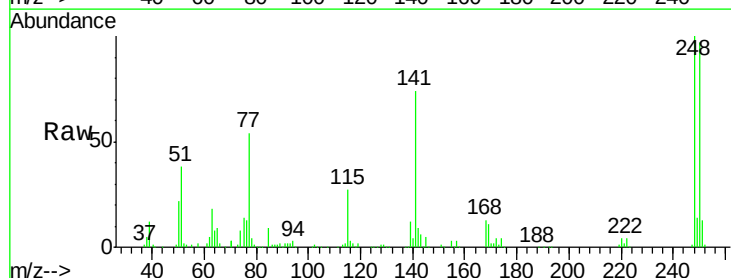


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

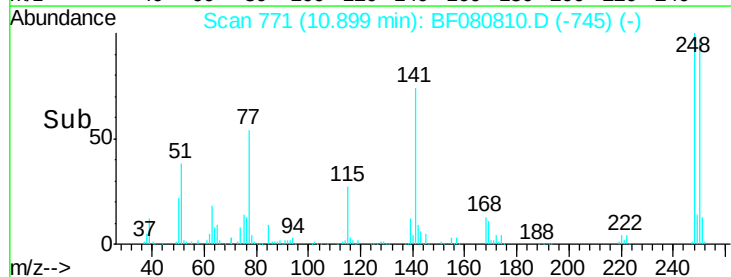
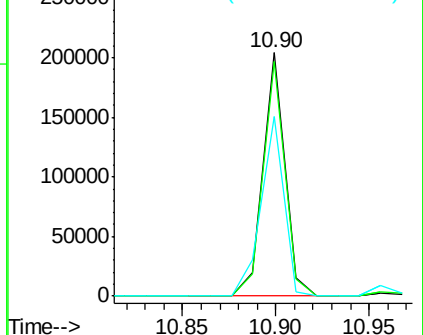


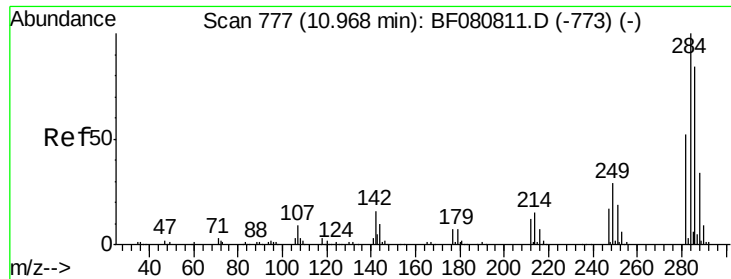
#66  
 4-Bromophenyl-phenylether  
 Concen: 29.11 ng  
 RT: 10.90 min Scan# 771  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Tgt Ion:248 Resp: 163745  
 Ion Ratio Lower Upper  
 248 100  
 250 96.6 78.4 117.6  
 141 74.0 67.3 100.9



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: 25.81 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

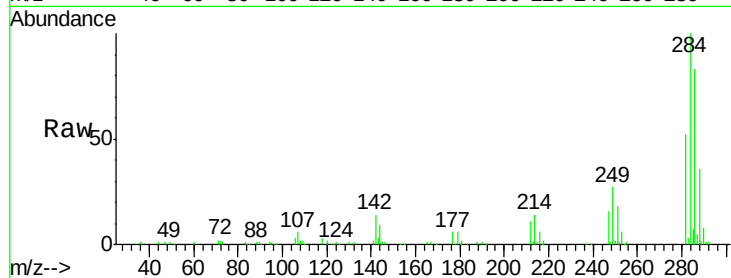
Tgt Ion:284 Resp: 171265

Ion Ratio Lower Upper

284 100

142 14.2 13.0 19.4

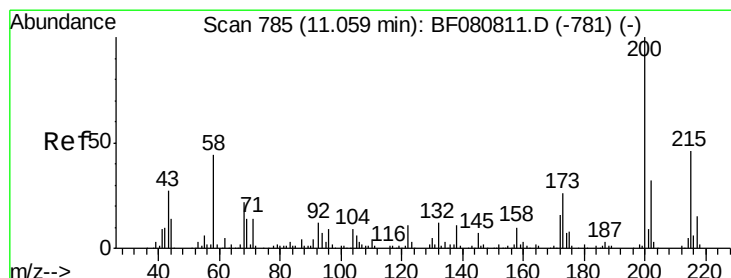
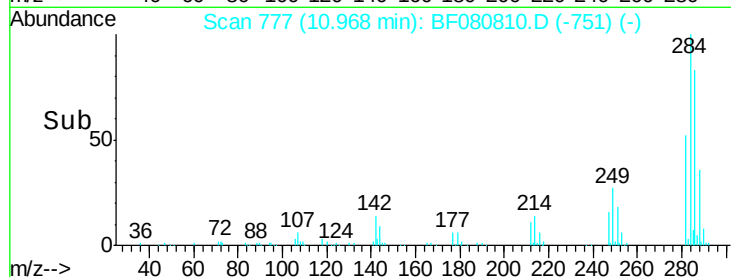
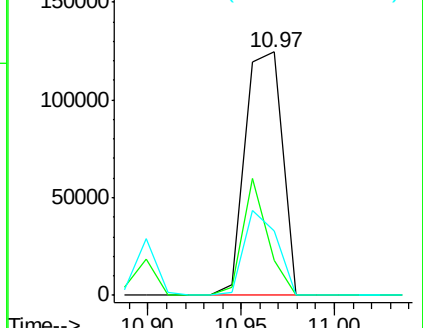
249 26.7 22.9 34.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 29.46 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

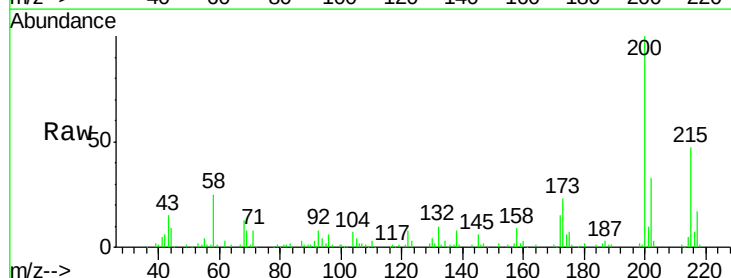
Tgt Ion:200 Resp: 129156

Ion Ratio Lower Upper

200 100

173 22.6 6.0 46.0

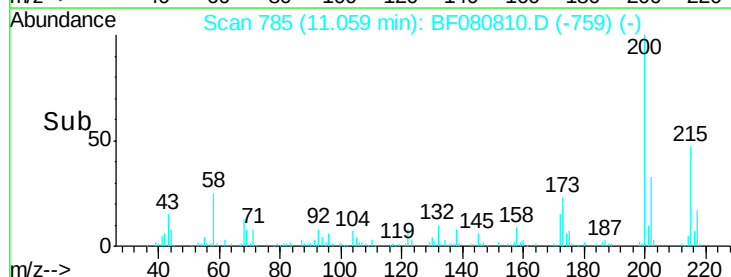
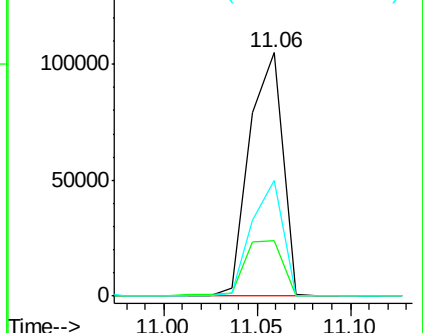
215 47.3 26.4 66.4

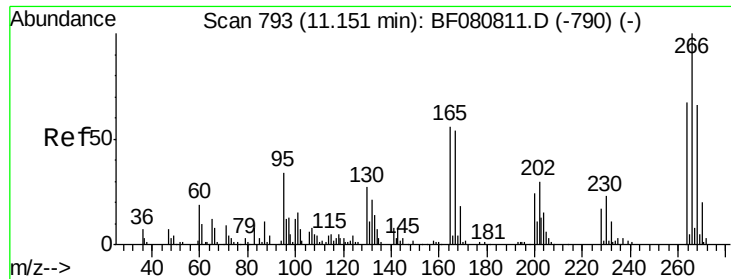


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

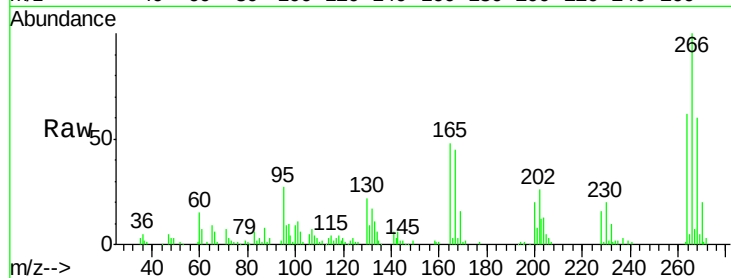




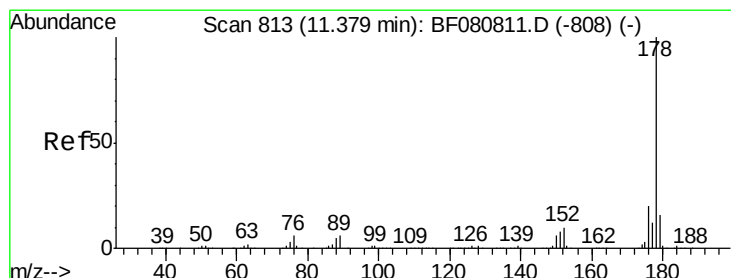
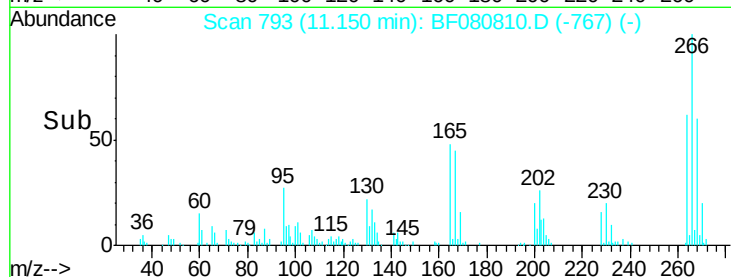
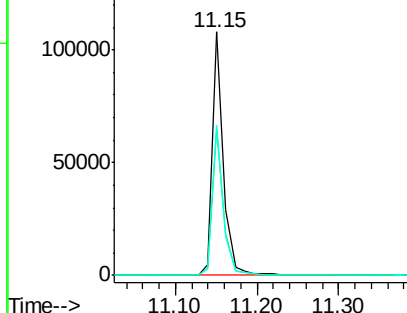
#69  
 Pentachlorophenol  
 Concen: 26.71 ng  
 RT: 11.15 min Scan# 793  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC025

Tgt Ion:266 Resp: 103820  
 Ion Ratio Lower Upper  
 266 100  
 268 59.9 52.7 79.1  
 264 61.9 53.4 80.0

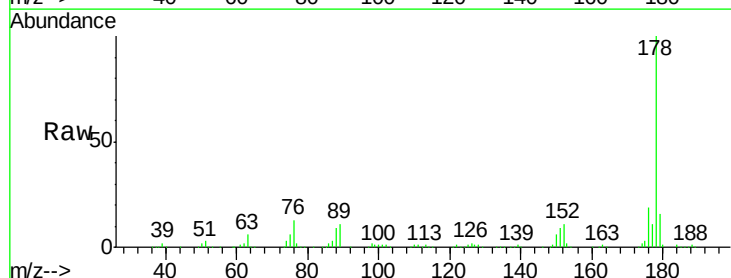


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

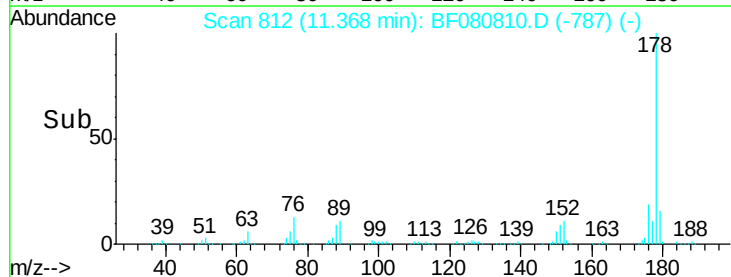
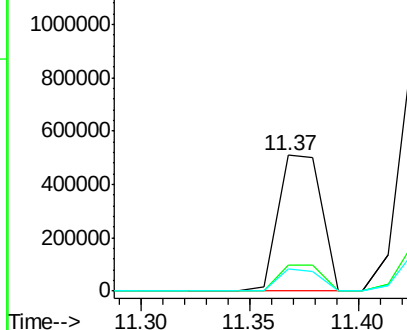


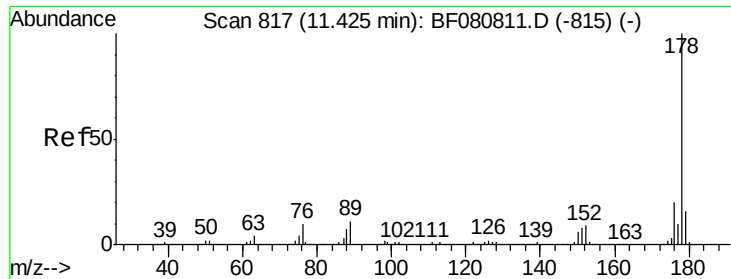
#70  
 Phenanthrene  
 Concen: 25.22 ng  
 RT: 11.37 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Tgt Ion:178 Resp: 705363  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 16.3 24.5  
 179 16.1 12.6 19.0



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

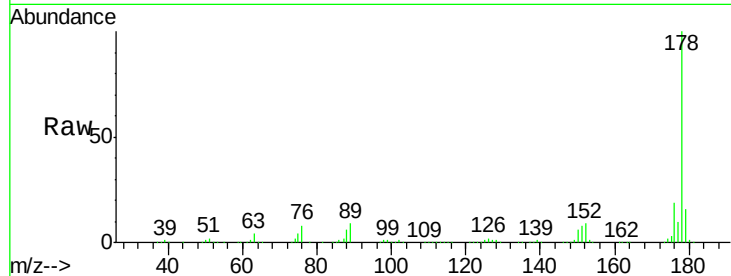




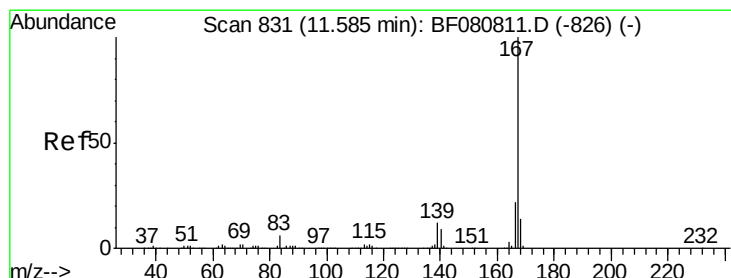
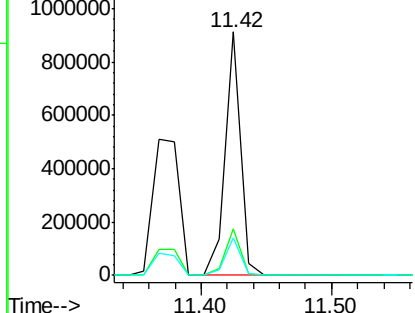
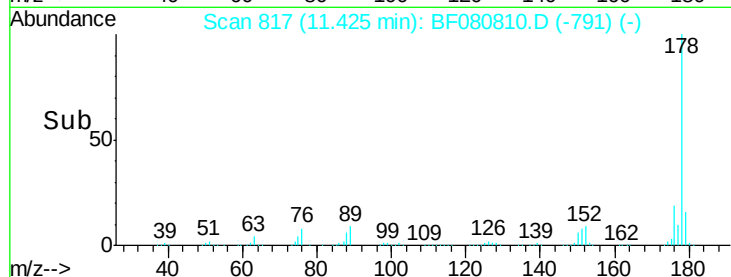
#71  
 Anthracene  
 Concen: 27.95 ng  
 RT: 11.42 min Scan# 817  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Tgt Ion:178 Resp: 754092  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.8 23.8  
 179 15.6 13.0 19.4

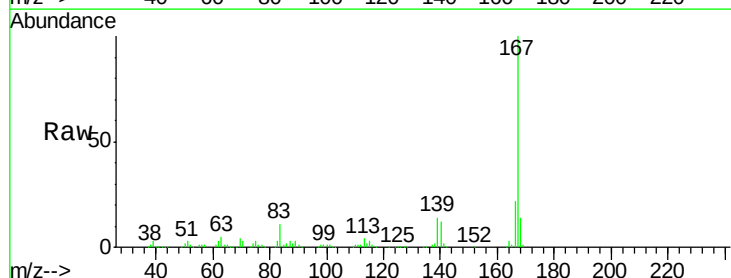


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

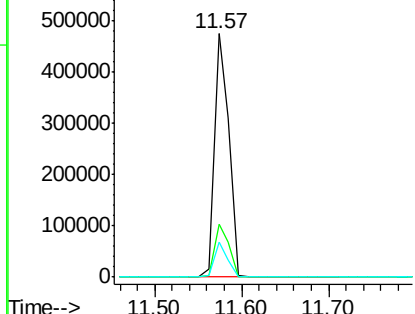
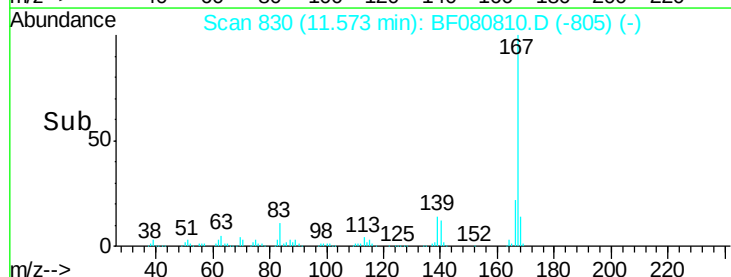


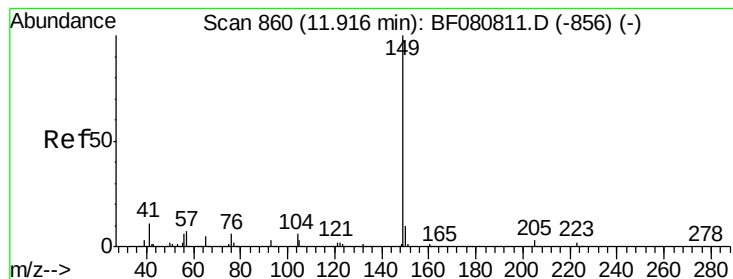
#72  
 Carbazole  
 Concen: 23.21 ng  
 RT: 11.57 min Scan# 830  
 Delta R.T. -0.01 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Tgt Ion:167 Resp: 555453  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 18.0 27.0  
 139 14.3 9.6 14.4



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: 26.36 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

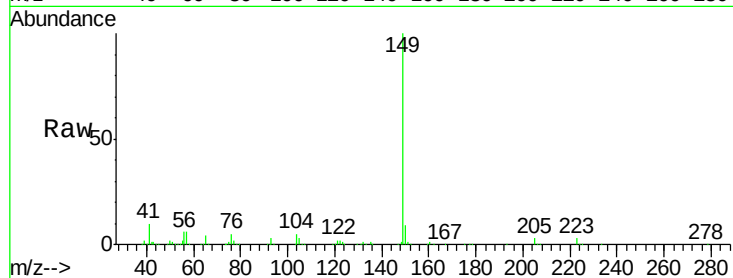
Tgt Ion:149 Resp: 758520

Ion Ratio Lower Upper

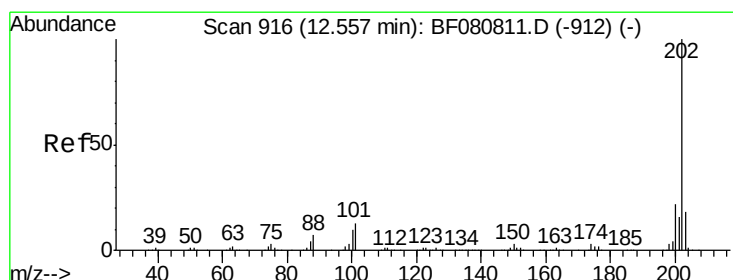
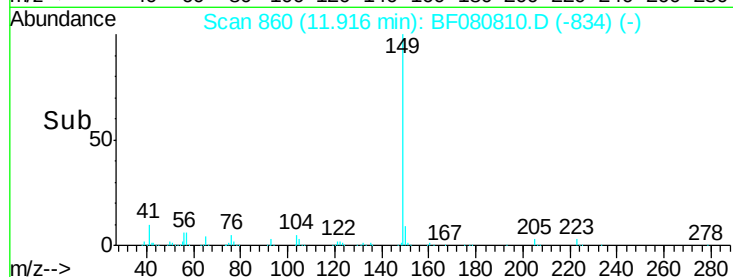
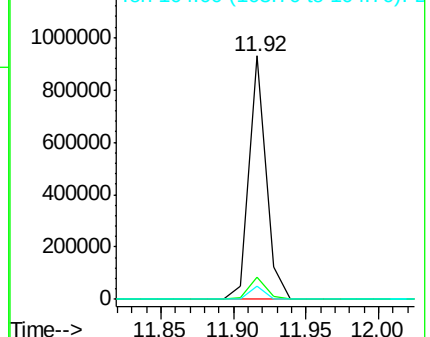
149 100

150 9.3 7.8 11.8

104 5.4 4.6 6.8



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: 27.02 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

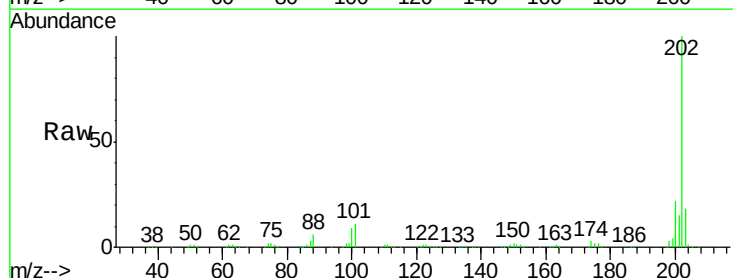
Tgt Ion:202 Resp: 712129

Ion Ratio Lower Upper

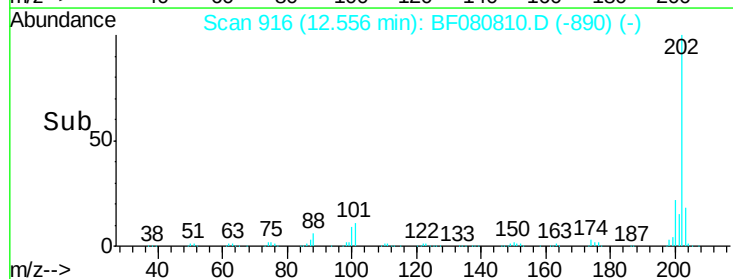
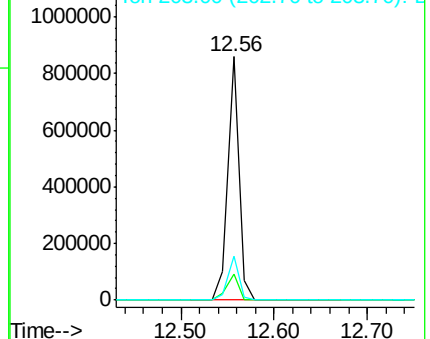
202 100

101 10.6 0.0 33.0

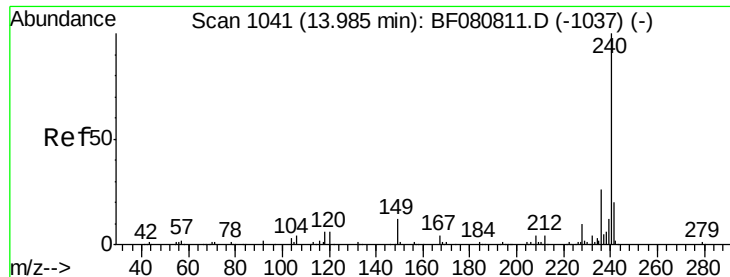
203 17.8 0.0 38.1



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







#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

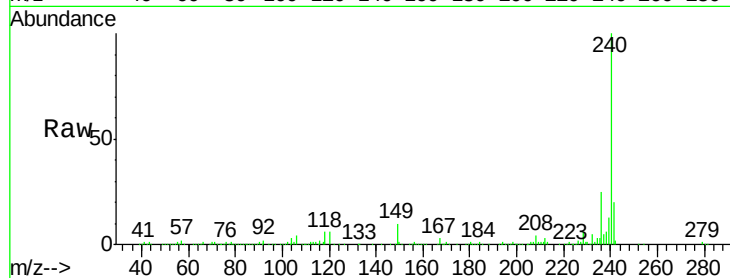
Tgt Ion:240 Resp: 389540

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.4

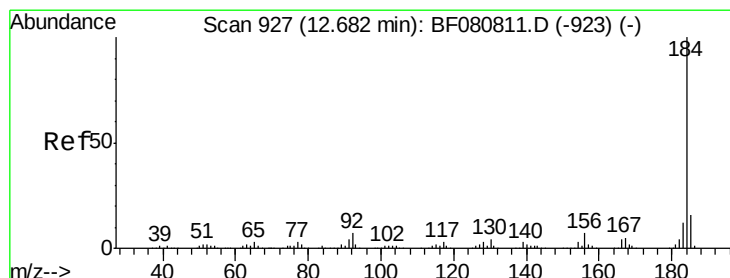
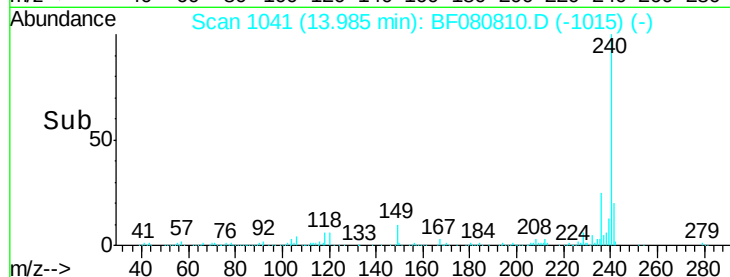
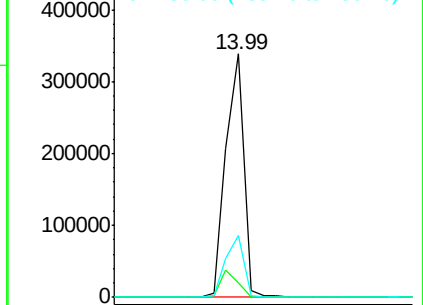
236 25.2 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.95 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

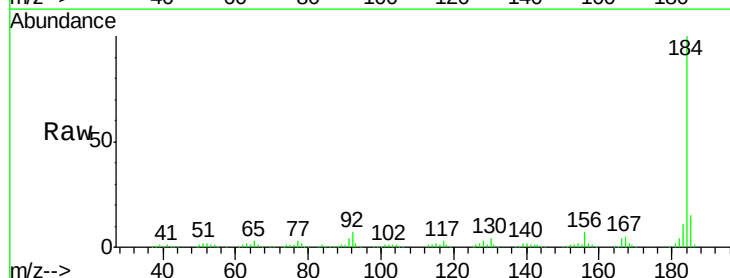
Tgt Ion:184 Resp: 371357

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

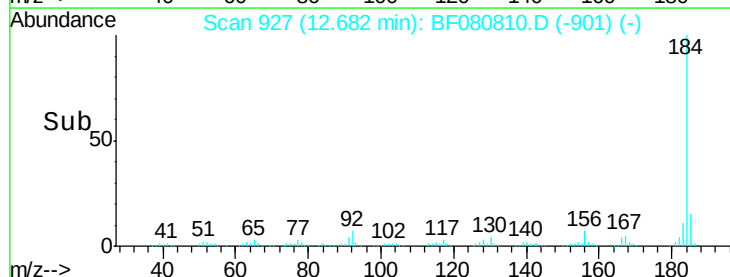
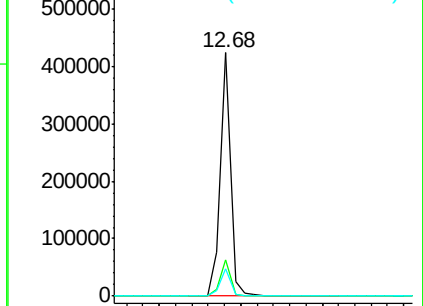
183 11.1 9.3 13.9

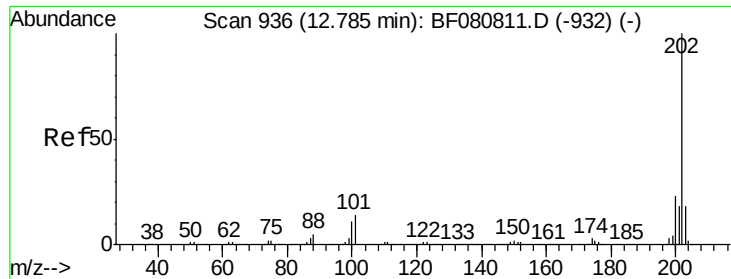


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

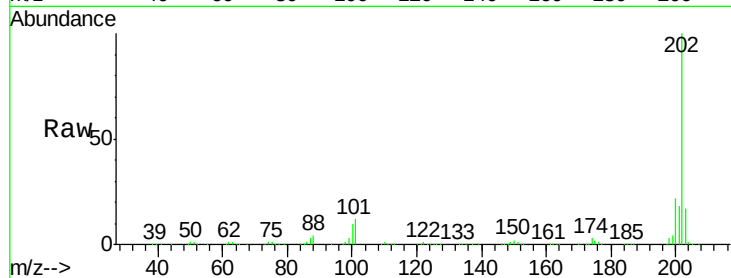




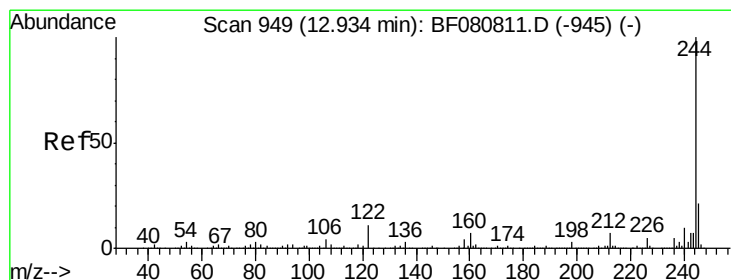
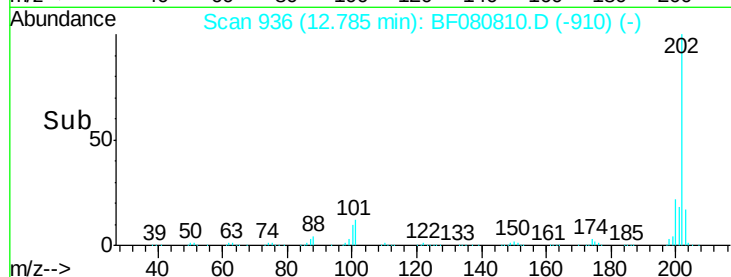
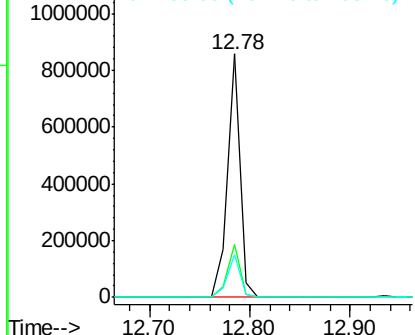
#77  
 Pyrene  
 Concen: 25.26 ng  
 RT: 12.78 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.5  | 18.2  | 27.4  |
| 203     | 17.5  | 14.8  | 22.2  |

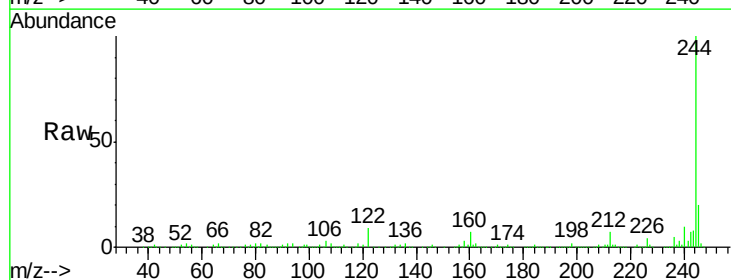


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

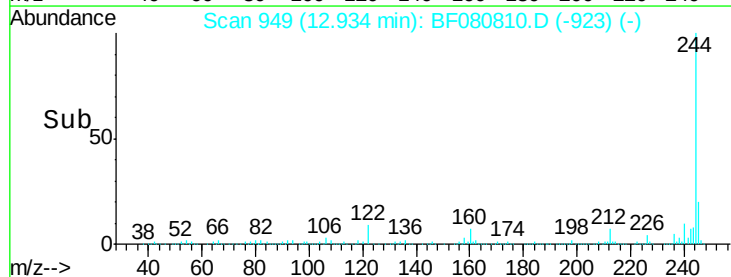
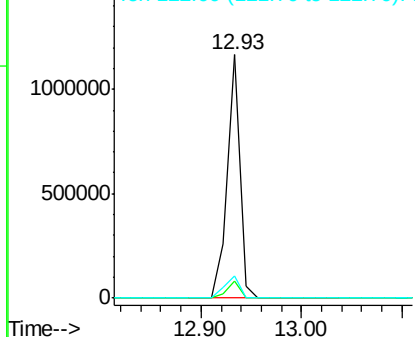


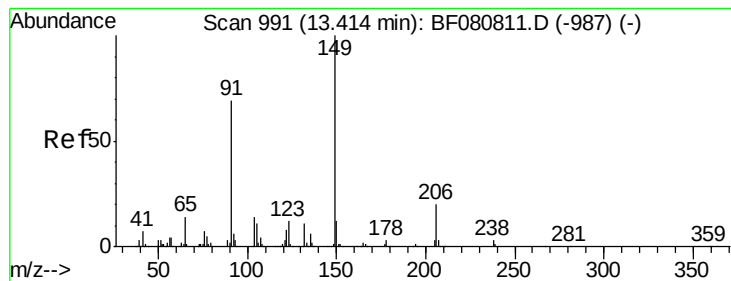
#78  
 Terphenyl-d14  
 Concen: 51.07 ng  
 RT: 12.93 min Scan# 949  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.8   | 8.8   |
| 122     | 9.3   | 9.1   | 13.7  |



Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 25.14 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

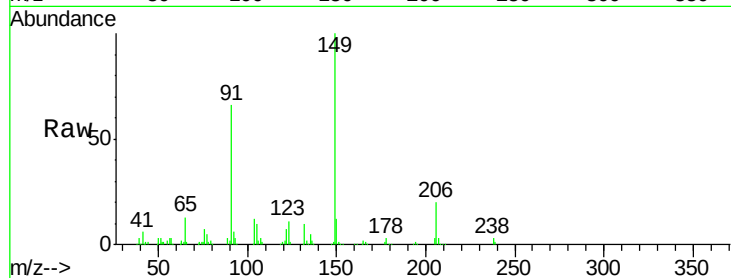
Tgt Ion:149 Resp: 286621

Ion Ratio Lower Upper

149 100

91 65.8 55.4 83.2

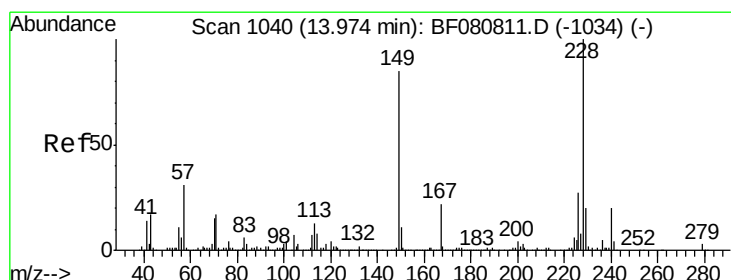
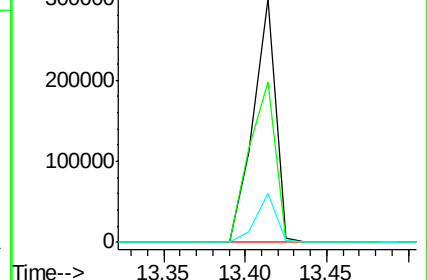
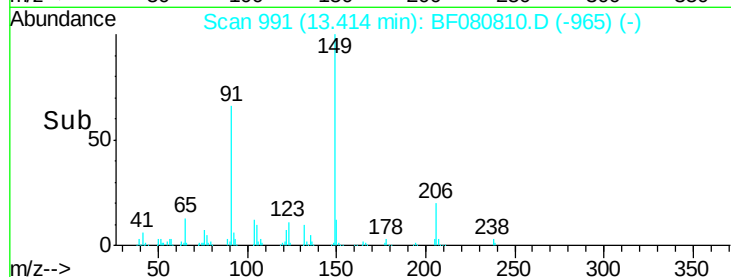
206 20.3 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 24.78 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

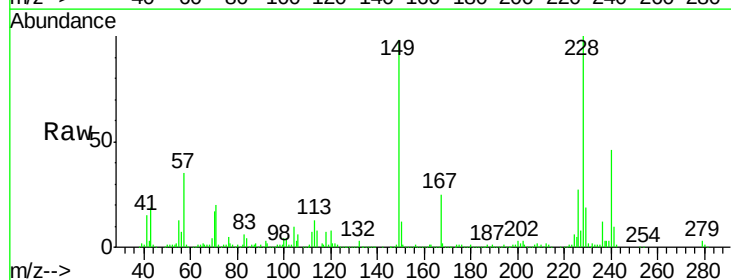
Tgt Ion:228 Resp: 572799

Ion Ratio Lower Upper

228 100

226 26.7 21.6 32.4

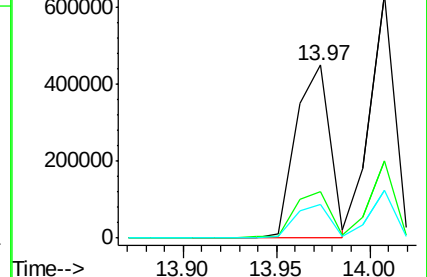
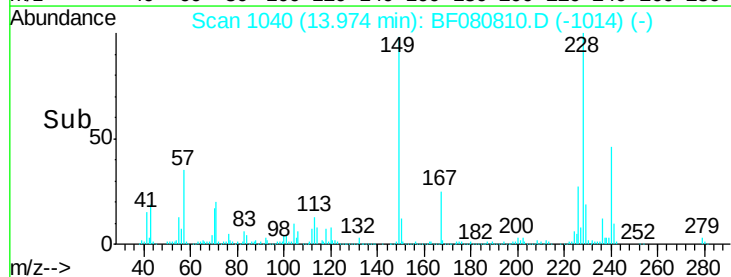
229 19.3 15.7 23.5

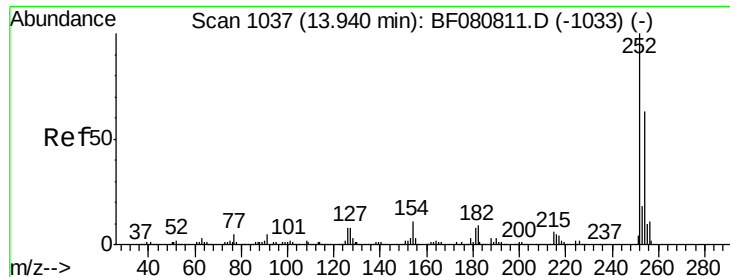


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

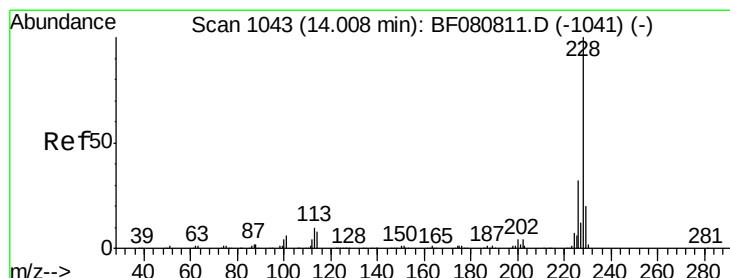
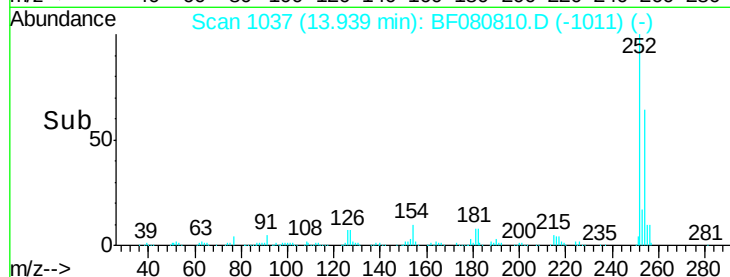
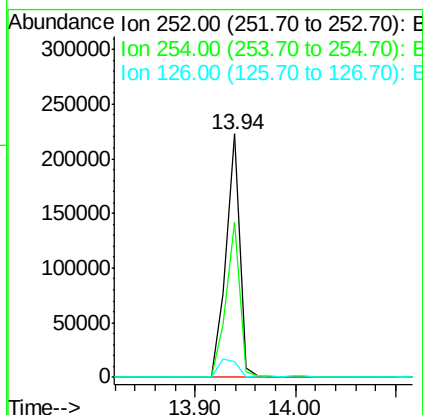
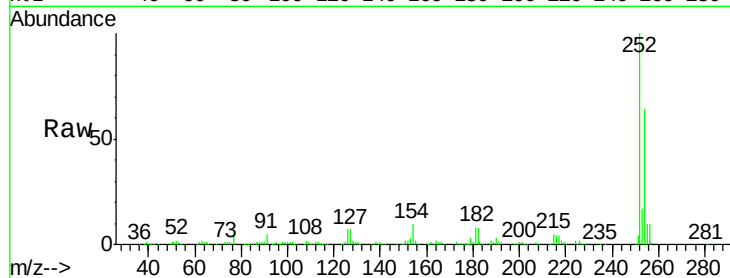




#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.75 ng  
 RT: 13.94 min Scan# 1037  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

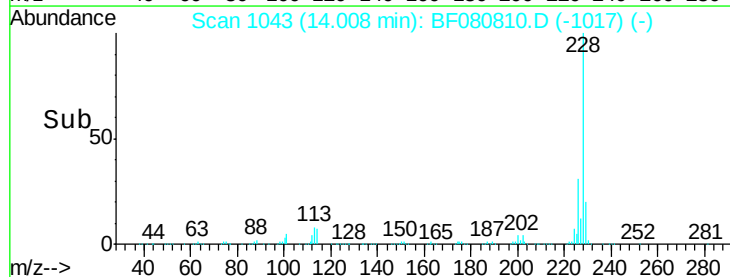
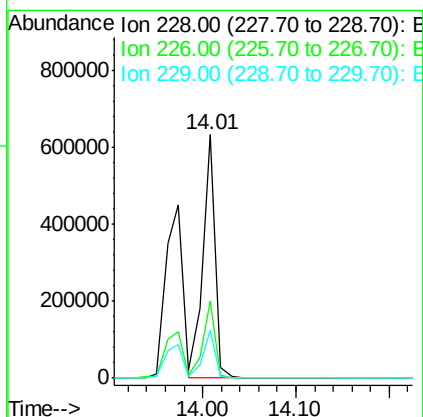
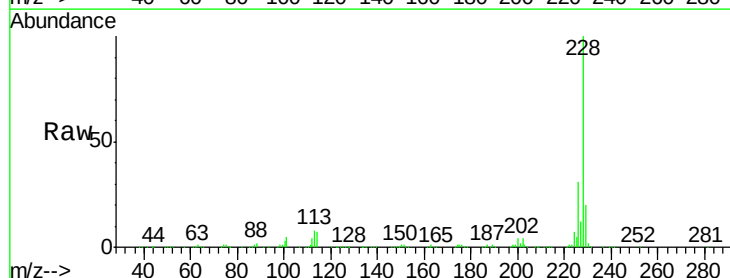
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

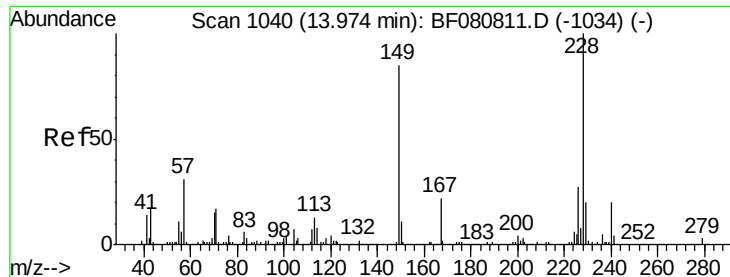
Tgt Ion: 252 Resp: 214938  
 Ion Ratio Lower Upper  
 252 100  
 254 63.9 50.1 75.1  
 126 6.7 6.2 9.4



#82  
 Chrysene  
 Concen: 26.13 ng  
 RT: 14.01 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Tgt Ion: 228 Resp: 586164  
 Ion Ratio Lower Upper  
 228 100  
 226 31.5 25.0 37.6  
 229 19.9 16.1 24.1

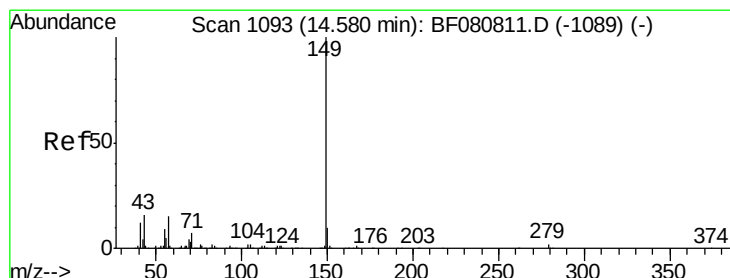
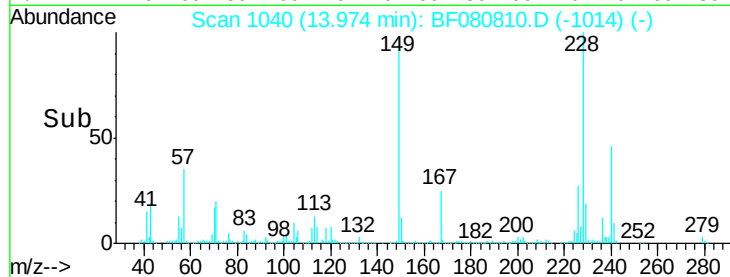
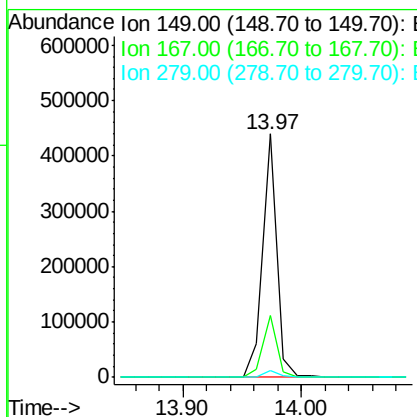
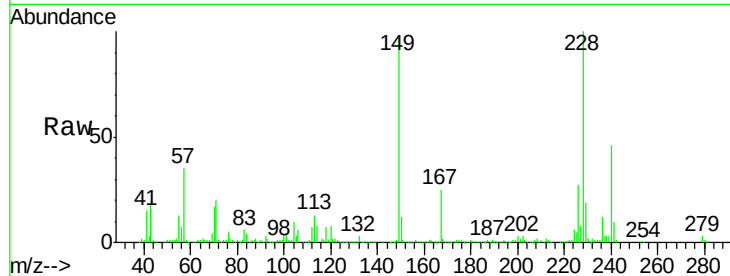




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 25.22 ng  
 RT: 13.97 min Scan# 1040  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

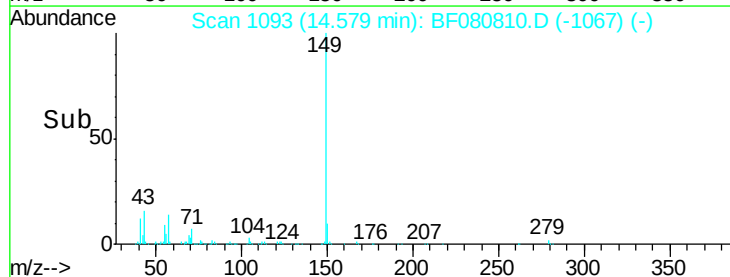
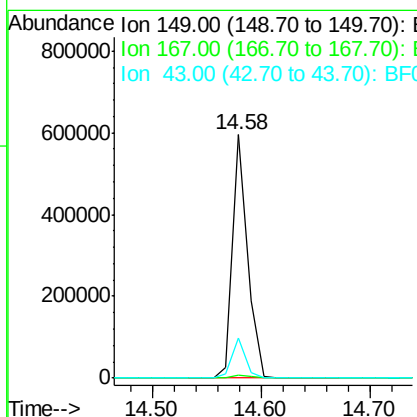
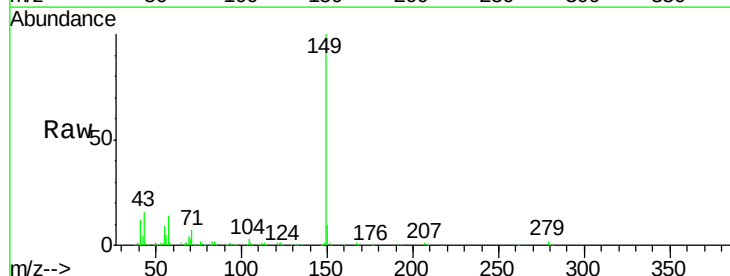
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

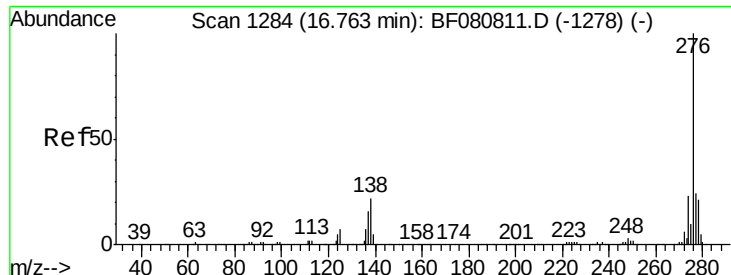
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 371083 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 25.3  | 20.4  | 30.6   |
| 279      | 2.8   | 2.4   | 3.6    |



#84  
 Di-n-octyl phthalate  
 Concen: 23.05 ng  
 RT: 14.58 min Scan# 1093  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 562894 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 1.4   | 1.1   | 1.7    |
| 43       | 15.2  | 11.8  | 17.8   |

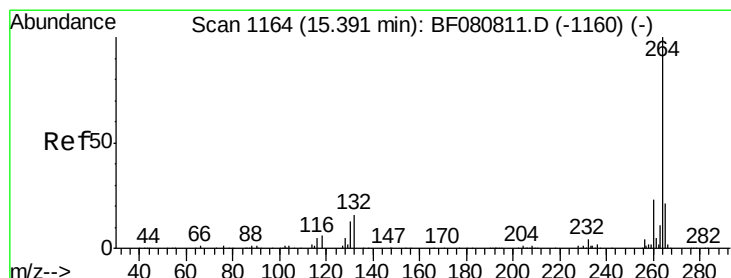
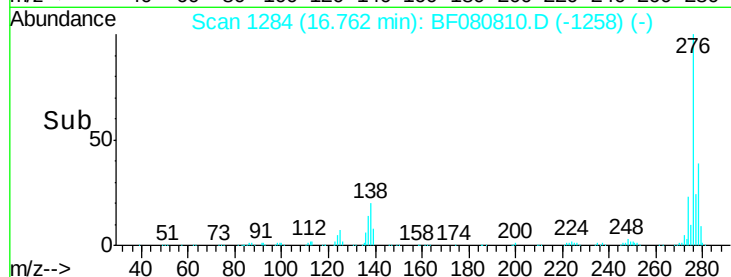
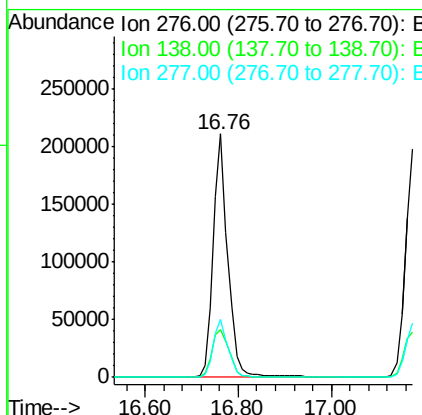
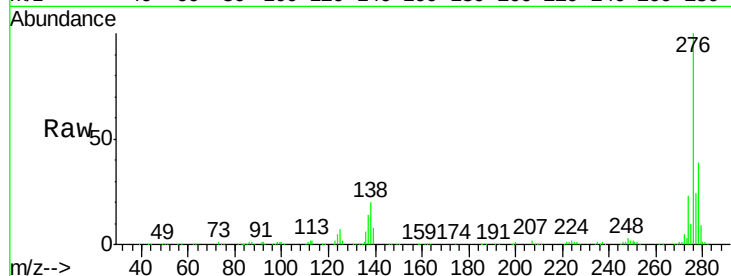




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 24.84 ng  
 RT: 16.76 min Scan# 1284  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

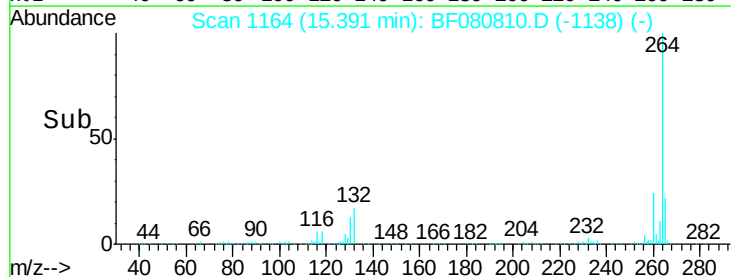
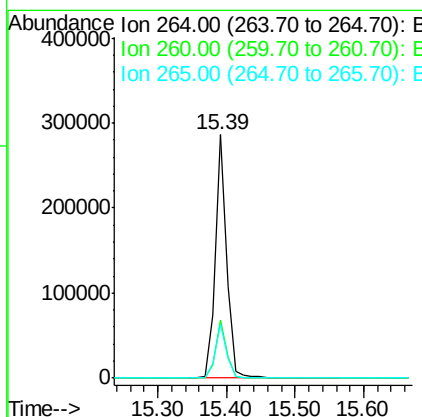
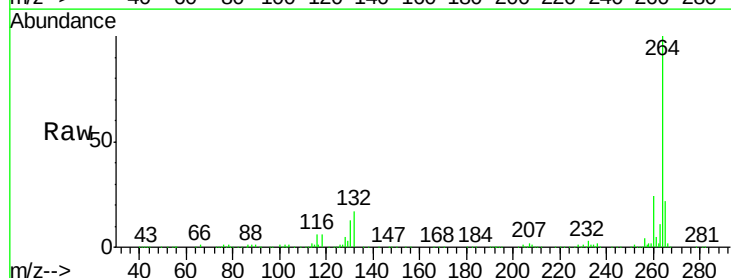
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

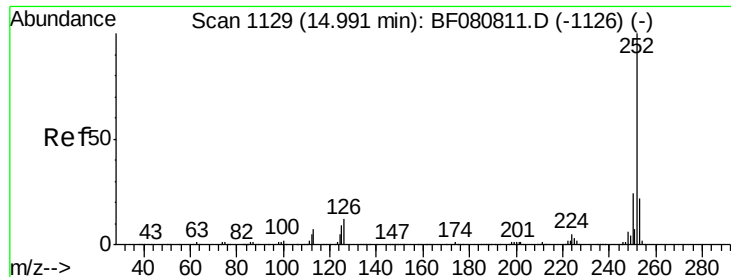
Tgt Ion: 276 Resp: 462877  
 Ion Ratio Lower Upper  
 276 100  
 138 23.4 18.6 27.8  
 277 24.4 20.1 30.1



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.39 min Scan# 1164  
 Delta R.T. -0.00 min  
 Lab File: BF080810.D  
 Acq: 3 Aug 2015 19:55

Tgt Ion: 264 Resp: 335683  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.3 27.5  
 265 22.1 17.0 25.6

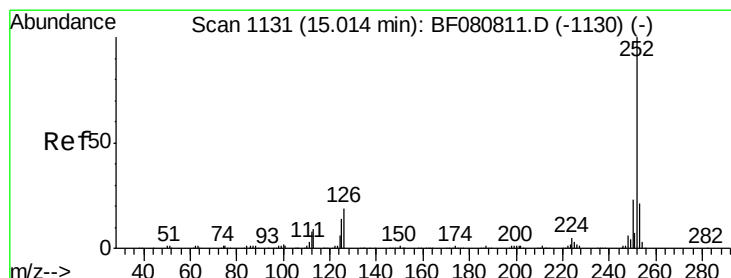
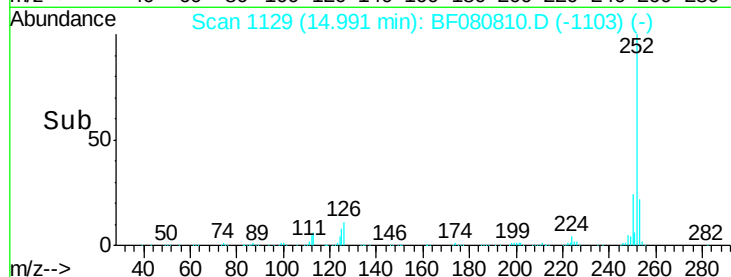
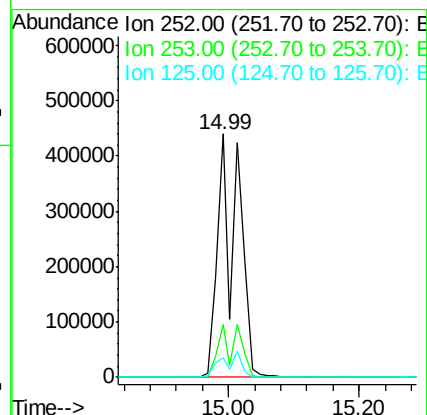
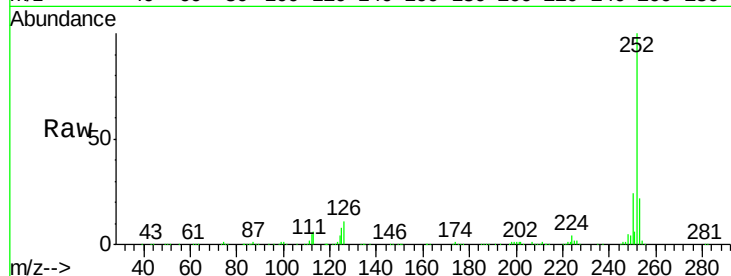




#87  
Benzo(b)fluoranthene  
Concen: 48.06 ng  
RT: 14.99 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

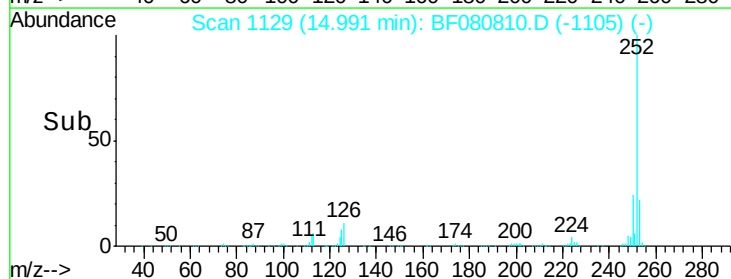
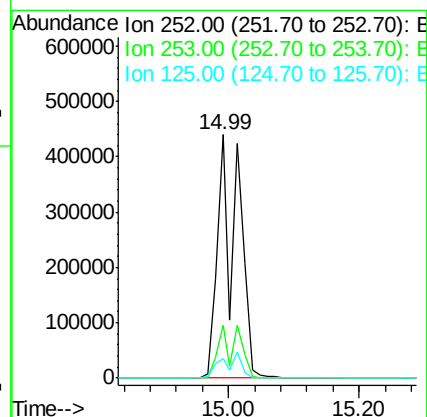
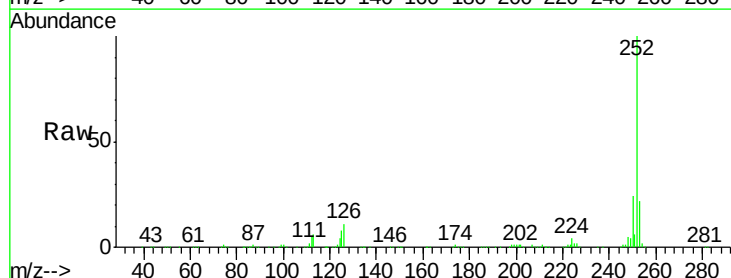
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

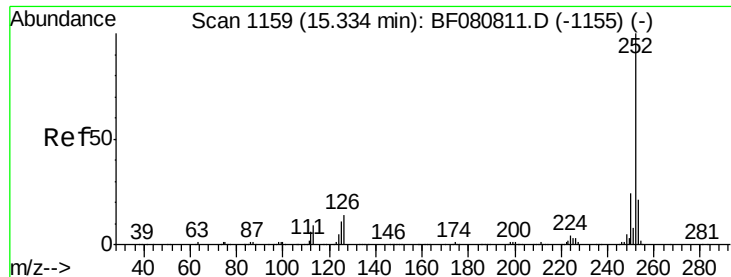
Tgt Ion:252 Resp: 959272  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 8.0 7.4 11.0



#88  
Benzo(k)fluoranthene  
Concen: 57.41 ng  
RT: 14.99 min Scan# 1129  
Delta R.T. -0.02 min  
Lab File: BF080810.D  
Acq: 3 Aug 2015 19:55

Tgt Ion:252 Resp: 959272  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 8.0 9.9 14.9#





#89

Benzo(a)pyrene

Concen: 26.08 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

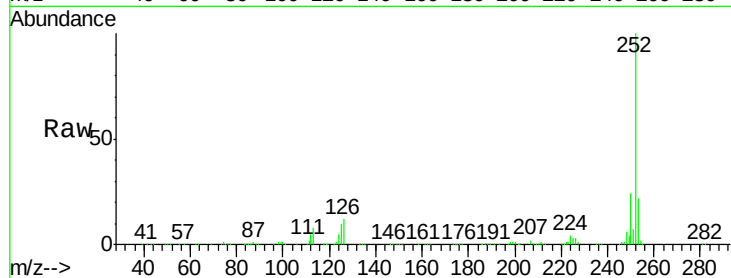
Tgt Ion:252 Resp: 431424

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

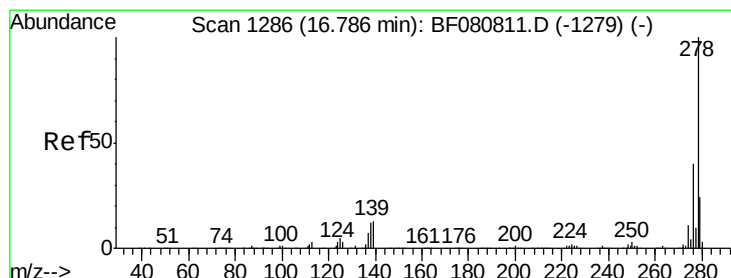
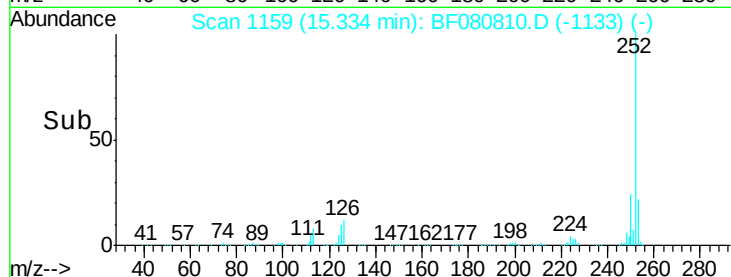
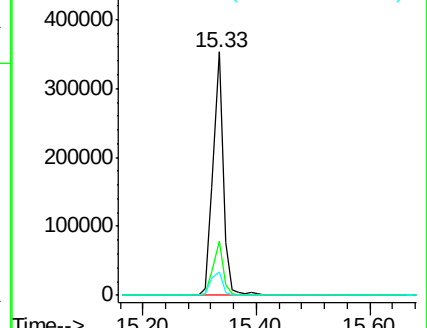
125 9.7 8.9 13.3



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: 25.47 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

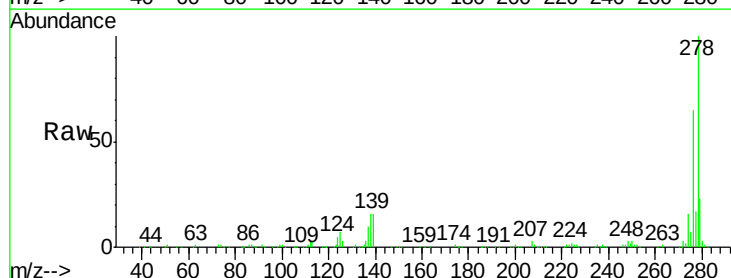
Tgt Ion:278 Resp: 382184

Ion Ratio Lower Upper

278 100

139 15.8 10.7 16.1

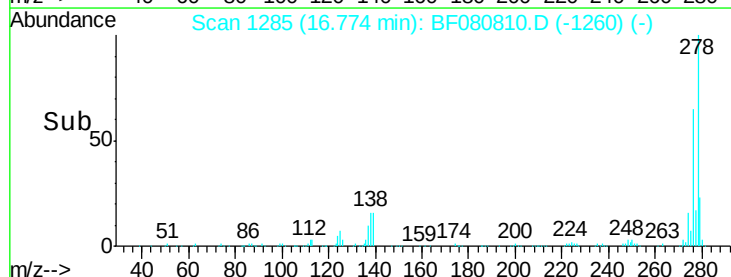
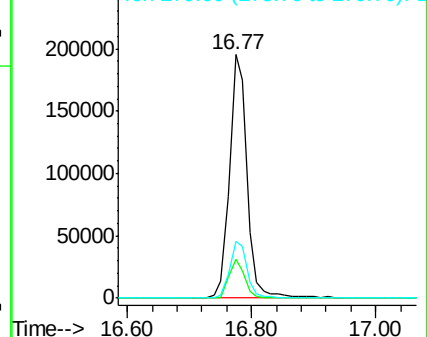
279 23.2 19.0 28.4



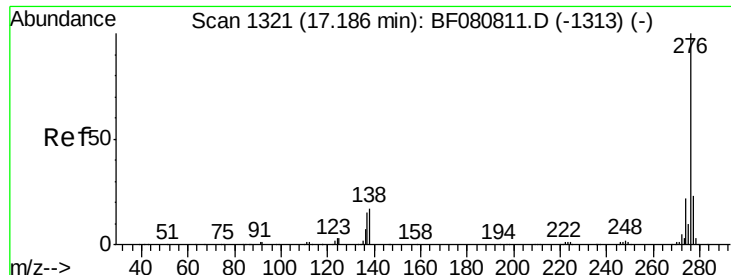
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E







#91

Benzo(g,h,i)perylene

Concen: 27.19 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF080810.D

Acq: 3 Aug 2015 19:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

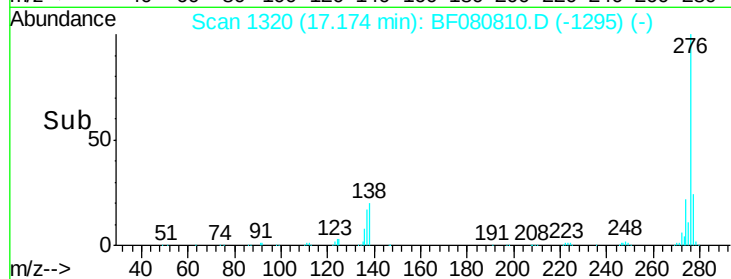
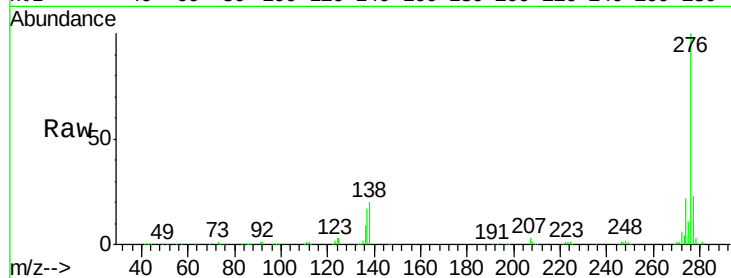
Tgt Ion:276 Resp: 404397

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 19.8 13.3 19.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

