

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061715\  
 Data File : BF080033.D  
 Acq On : 17 Jun 2015 20:03  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jun 18 00:55:55 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 17 16:41:53 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.34  | 152  | 47070    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.63  | 136  | 192896   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.40 | 164  | 102492   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.90 | 188  | 204156   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.81 | 240  | 227544   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 16.65 | 264  | 235003   | 20.00 | ng    | -0.09    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.94  | 112 | 216875 | 81.56 | ng | 0.00  |
| 7) Phenol-d6             | 6.94  | 99  | 300640 | 84.96 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.89  | 82  | 260570 | 78.64 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 11.19 | 330 | 81182  | 81.00 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.70  | 172 | 575876 | 80.13 | ng | 0.00  |
| 78) Terphenyl-d14        | 13.57 | 244 | 805991 | 82.73 | ng | -0.02 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.21 | 88  | 49231  | 38.95 | ng | # 82   |
| 3) Pyridine                    | 4.04 | 79  | 119011 | 35.41 | ng | # 82   |
| 4) n-Nitrosodimethylamine      | 3.94 | 42  | 56014  | 35.07 | ng | 95     |
| 6) Aniline                     | 7.00 | 93  | 201444 | 41.38 | ng | 98     |
| 8) 2-Chlorophenol              | 7.12 | 128 | 125587 | 40.87 | ng | 99     |
| 9) Benzaldehyde                | 6.88 | 77  | 77619  | 38.00 | ng | # 76   |
| 10) Phenol                     | 6.95 | 94  | 163190 | 42.26 | ng | 77     |
| 11) bis(2-Chloroethyl)ether    | 7.05 | 93  | 131265 | 42.85 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.28 | 146 | 152853 | 41.40 | ng | # 95   |
| 13) 1,4-Dichlorobenzene        | 7.35 | 146 | 144487 | 41.15 | ng | # 90   |
| 14) 1,2-Dichlorobenzene        | 7.28 | 146 | 152853 | 44.74 | ng | 96     |
| 15) Benzyl Alcohol             | 7.46 | 79  | 119379 | 41.26 | ng | # 81   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.60 | 45  | 188637 | 41.48 | ng | 89     |
| 17) 2-Methylphenol             | 7.57 | 107 | 112286 | 42.77 | ng | # 86   |
| 18) Hexachloroethane           | 7.86 | 117 | 46889  | 40.11 | ng | # 69   |
| 19) n-Nitroso-di-n-propylamine | 7.73 | 70  | 100452 | 40.89 | ng | # 80   |
| 20) 3+4-Methylphenols          | 7.72 | 107 | 142389 | 42.03 | ng | 90     |
| 22) Acetophenone               | 7.74 | 105 | 186870 | 41.57 | ng | # 83   |
| 24) Nitrobenzene               | 7.91 | 77  | 142502 | 41.67 | ng | # 65   |
| 25) Isophorone                 | 8.15 | 82  | 278667 | 41.79 | ng | # 90   |
| 26) 2-Nitrophenol              | 8.23 | 139 | 58856  | 41.12 | ng | # 41   |
| 27) 2,4-Dimethylphenol         | 8.25 | 122 | 120491 | 40.37 | ng | # 80   |
| 28) bis(2-Chloroethoxy)methane | 8.36 | 93  | 158216 | 40.38 | ng | # 95   |
| 29) 2,4-Dichlorophenol         | 8.47 | 162 | 108636 | 42.50 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 8.57 | 180 | 115438 | 39.77 | ng | 97     |
| 31) Naphthalene                | 8.65 | 128 | 413439 | 40.99 | ng | 98     |
| 32) Benzoic acid               | 8.32 | 122 | 74712  | 41.40 | ng | # 69   |
| 33) 4-Chloroaniline            | 8.69 | 127 | 226194 | 52.41 | ng | # 92   |
| 34) Hexachlorobutadiene        | 8.77 | 225 | 73442  | 41.08 | ng | 97     |
| 35) Caprolactam                | 9.03 | 113 | 35518  | 42.81 | ng | 91     |
| 36) 4-Chloro-3-methylphenol    | 9.16 | 107 | 124386 | 43.14 | ng | 83     |
| 37) 2-Methylnaphthalene        | 9.35 | 142 | 263953 | 40.46 | ng | # 93   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.51 | 216 | 119410 | 40.04 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.51 | 237 | 51836  | 37.38 | ng | 98     |

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 ALS Vial : 6 Sample Multiplier: 1

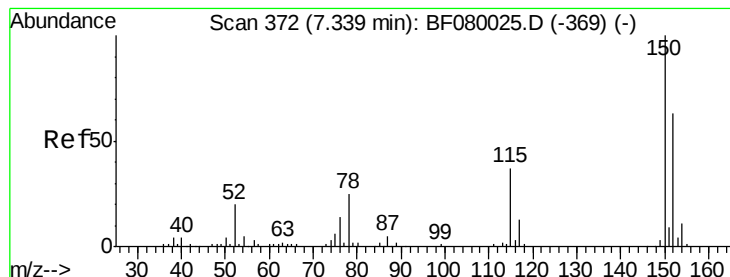
Instrument :  
 BNA\_F  
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Quant Time: Jun 18 00:55:55 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.62  | 196  | 81017    | 39.92 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.66  | 196  | 97799    | 41.83 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.81  | 154  | 336067   | 40.30 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 9.84  | 162  | 267640   | 39.56 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.92  | 65   | 80495    | 43.34 | ng    | # 74     |
| 48) Acenaphthylene             | 10.26 | 152  | 454080   | 40.21 | ng    | 98       |
| 49) Dimethylphthalate          | 10.09 | 163  | 314850   | 40.86 | ng    | # 98     |
| 50) 2,6-Dinitrotoluene         | 10.16 | 165  | 67066    | 43.42 | ng    | # 87     |
| 51) Acenaphthene               | 10.44 | 154  | 283544   | 41.04 | ng    | 95       |
| 52) 3-Nitroaniline             | 10.33 | 138  | 81022    | 45.46 | ng    | # 79     |
| 53) 2,4-Dinitrophenol          | 10.44 | 184  | 24382    | 41.78 | ng    | # 1      |
| 54) Dibenzofuran               | 10.61 | 168  | 394480   | 40.24 | ng    | # 92     |
| 55) 4-Nitrophenol              | 10.47 | 139  | 59257    | 41.60 | ng    | # 39     |
| 56) 2,4-Dinitrotoluene         | 10.56 | 165  | 76380    | 38.96 | ng    | # 42     |
| 57) Fluorene                   | 10.95 | 166  | 319618   | 41.09 | ng    | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.72 | 232  | 81878    | 41.48 | ng    | 91       |
| 59) Diethylphthalate           | 10.80 | 149  | 335321   | 43.22 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.94 | 204  | 146137   | 39.09 | ng    | 98       |
| 61) 4-Nitroaniline             | 10.95 | 138  | 74724    | 40.59 | ng    | # 75     |
| 62) Azobenzene                 | 11.10 | 77   | 311909   | 39.49 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.98 | 198  | 38086    | 39.72 | ng    | # 61     |
| 65) n-Nitrosodiphenylamine     | 11.05 | 169  | 270077   | 40.63 | ng    | 92       |
| 66) 4-Bromophenyl-phenylether  | 11.43 | 248  | 94763    | 43.65 | ng    | 99       |
| 67) Hexachlorobenzene          | 11.51 | 284  | 97090    | 40.24 | ng    | # 88     |
| 68) Atrazine                   | 11.57 | 200  | 90420    | 43.05 | ng    | 85       |
| 69) Pentachlorophenol          | 11.70 | 266  | 50274    | 36.77 | ng    | 96       |
| 70) Phenanthrene               | 11.92 | 178  | 482598   | 39.05 | ng    | 97       |
| 71) Anthracene                 | 11.98 | 178  | 508593   | 42.74 | ng    | 97       |
| 72) Carbazole                  | 12.13 | 167  | 464683   | 40.90 | ng    | 95       |
| 73) Di-n-butylphthalate        | 12.45 | 149  | 504665   | 38.44 | ng    | # 98     |
| 74) Fluoranthene               | 13.17 | 202  | 531003   | 40.34 | ng    | 93       |
| 76) Benzidine                  | 13.28 | 184  | 264402   | 41.57 | ng    | 98       |
| 77) Pyrene                     | 13.42 | 202  | 558018   | 39.83 | ng    | 96       |
| 79) Butylbenzylphthalate       | 14.09 | 149  | 237355   | 42.19 | ng    | # 83     |
| 80) Benzo(a)anthracene         | 14.79 | 228  | 570893   | 41.18 | ng    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 14.73 | 252  | 196393   | 41.08 | ng    | # 97     |
| 82) Chrysene                   | 14.84 | 228  | 531807   | 41.60 | ng    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 14.77 | 149  | 377344   | 42.44 | ng    | 95       |
| 84) Di-n-octyl phthalate       | 15.55 | 149  | 632409   | 41.51 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.51 | 276  | 683802   | 42.42 | ng    | # 87     |
| 87) Benzo(b)fluoranthene       | 16.12 | 252  | 554221   | 38.95 | ng    | # 86     |
| 88) Benzo(k)fluoranthene       | 16.15 | 252  | 478135   | 33.00 | ng    | # 88     |
| 89) Benzo(a)pyrene             | 16.57 | 252  | 555654   | 41.12 | ng    | # 86     |
| 90) Dibenzo(a,h)anthracene     | 18.53 | 278  | 560613   | 40.53 | ng    | # 81     |
| 91) Benzo(g,h,i)perylene       | 19.07 | 276  | 560154   | 40.11 | ng    | # 77     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

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BNA\_F

ClientSampleId :

SSTDCCC040

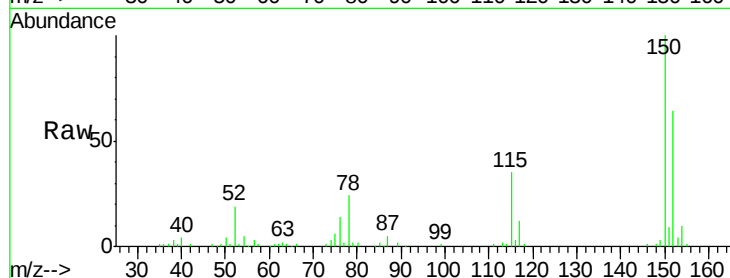
Tgt Ion:152 Resp: 47070

Ion Ratio Lower Upper

152 100

150 157.0 124.7 187.1

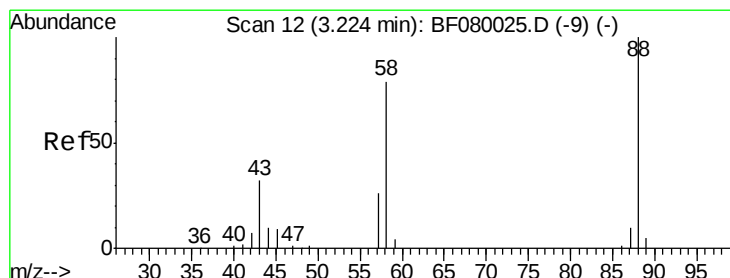
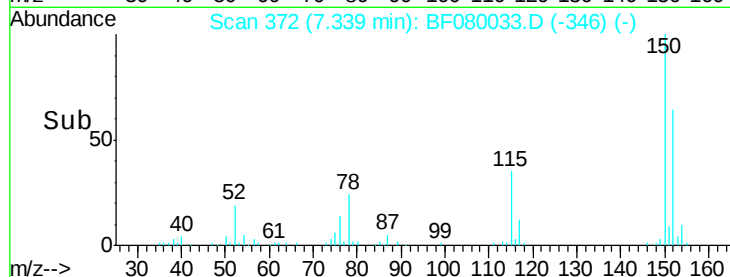
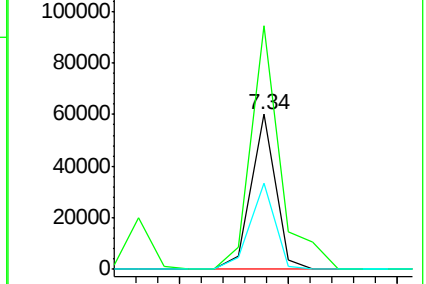
115 55.3 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.95 ng

RT: 3.21 min Scan# 11

Delta R.T. -0.01 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

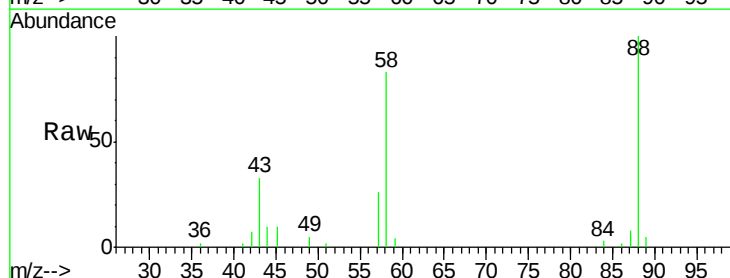
Tgt Ion: 88 Resp: 49231

Ion Ratio Lower Upper

88 100

58 75.2 77.7 116.5#

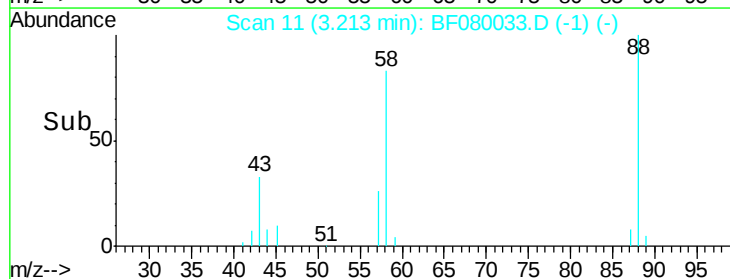
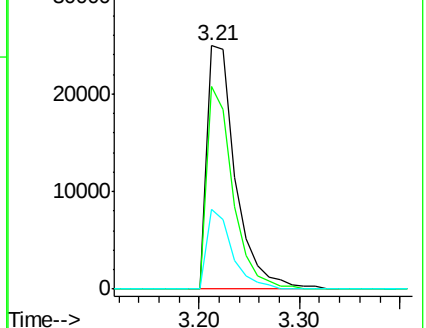
43 29.1 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.41 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

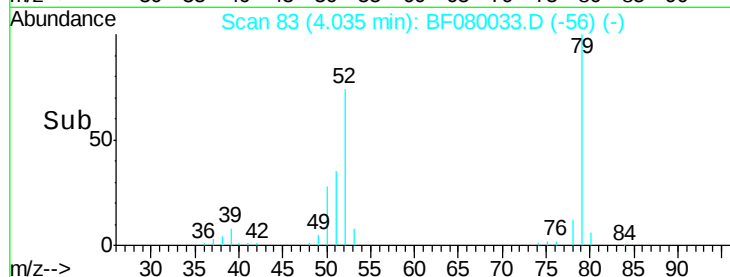
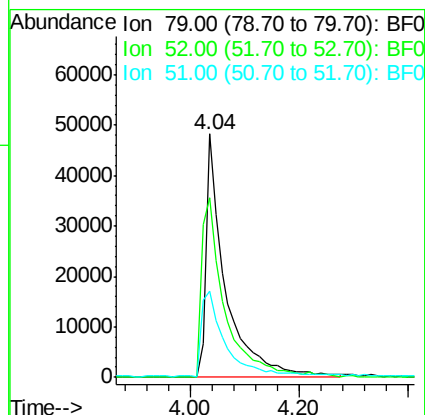
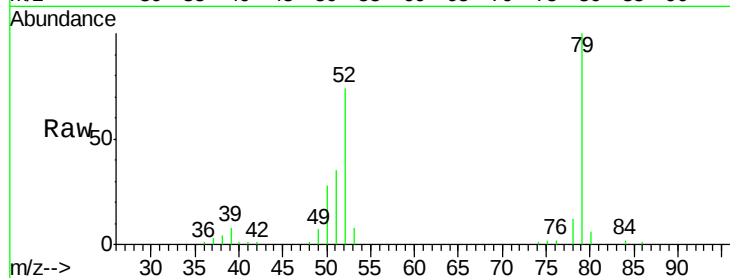
Tgt Ion: 79 Resp: 119011

Ion Ratio Lower Upper

79 100

52 73.7 76.8 115.2#

51 35.4 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 35.07 ng

RT: 3.94 min Scan# 75

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

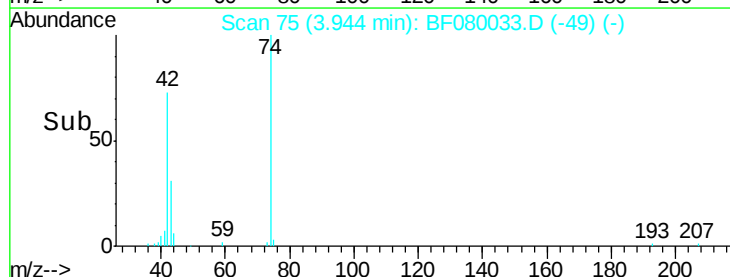
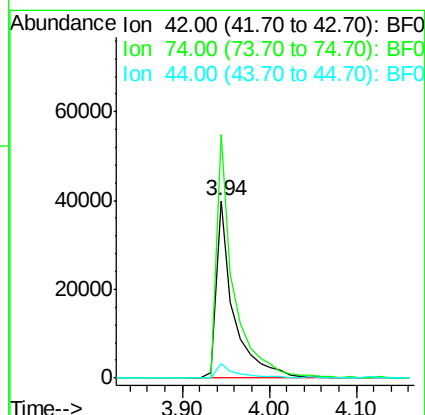
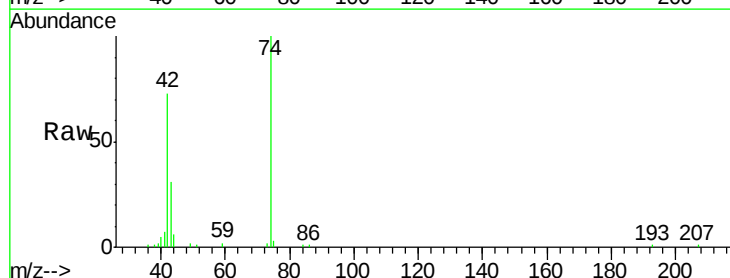
Tgt Ion: 42 Resp: 56014

Ion Ratio Lower Upper

42 100

74 137.0 105.0 157.6

44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 81.56 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

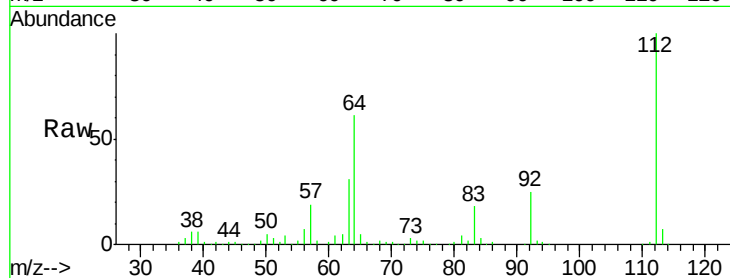
Tgt Ion: 112 Resp: 216875

Ion Ratio Lower Upper

112 100

64 60.6 39.7 59.5#

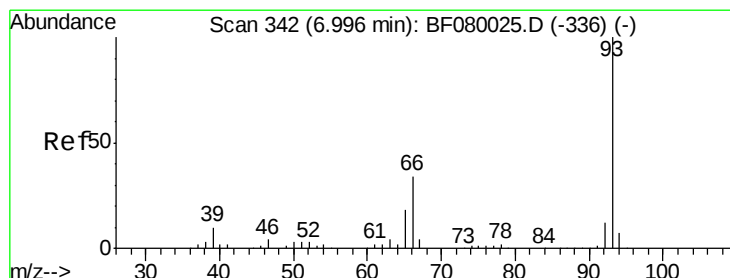
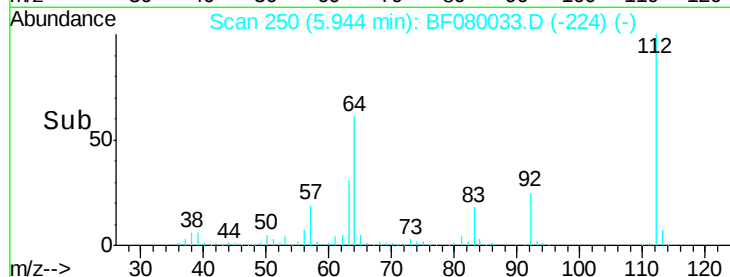
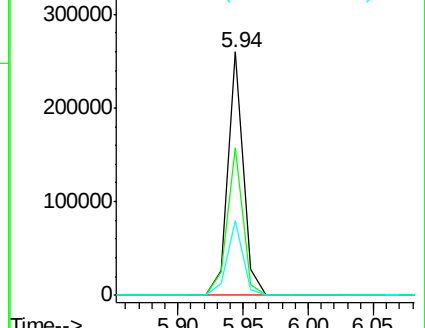
63 30.8 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.38 ng

RT: 7.00 min Scan# 342

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

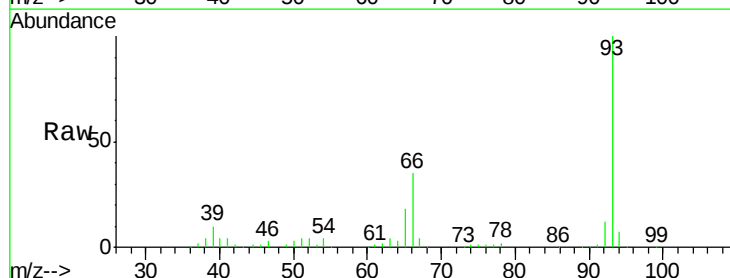
Tgt Ion: 93 Resp: 201444

Ion Ratio Lower Upper

93 100

66 35.3 27.2 40.8

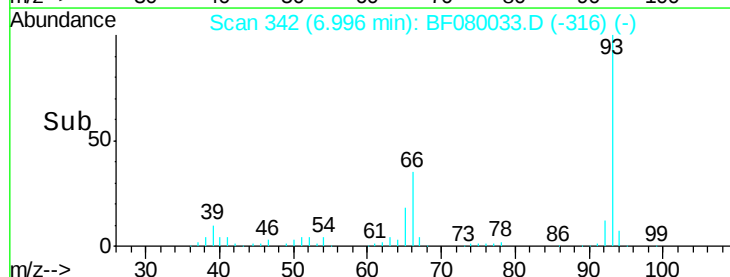
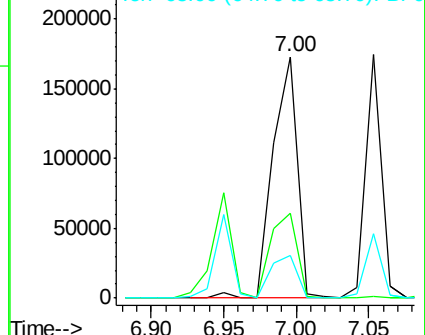
65 17.8 14.7 22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.96 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

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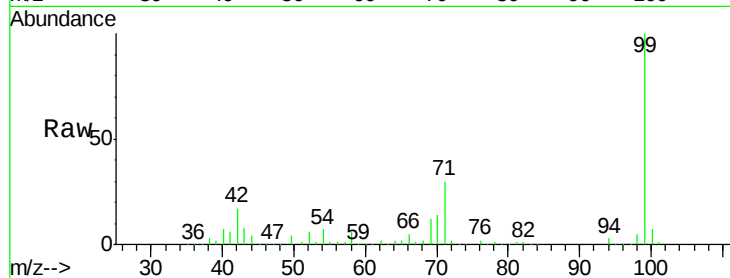
Tgt Ion: 99 Resp: 300640

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

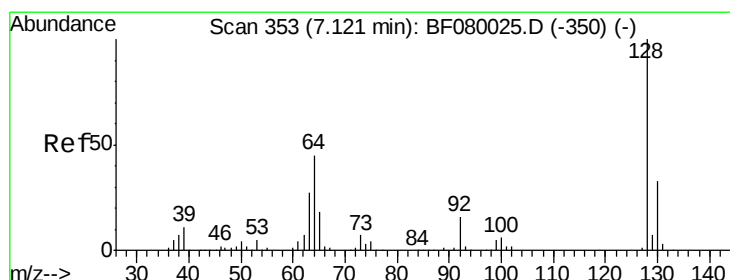
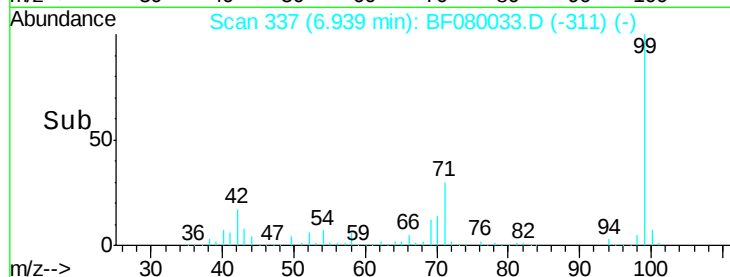
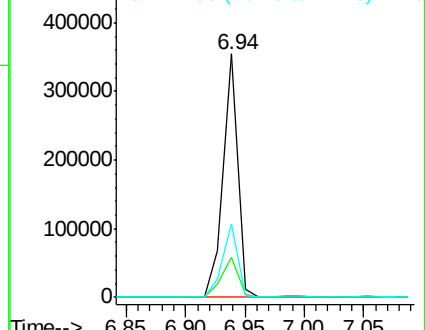
71 30.3 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.87 ng

RT: 7.12 min Scan# 353

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

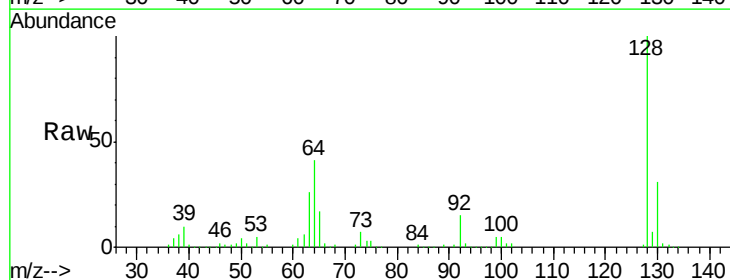
Tgt Ion: 128 Resp: 125587

Ion Ratio Lower Upper

128 100

130 31.4 12.2 52.2

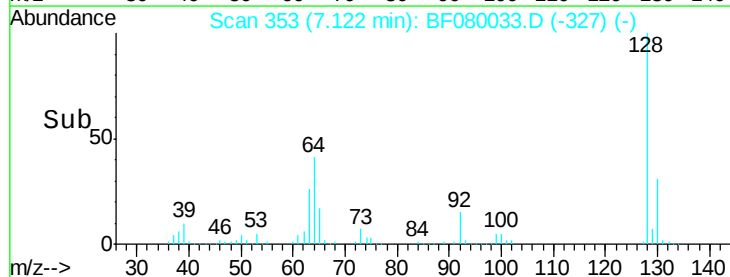
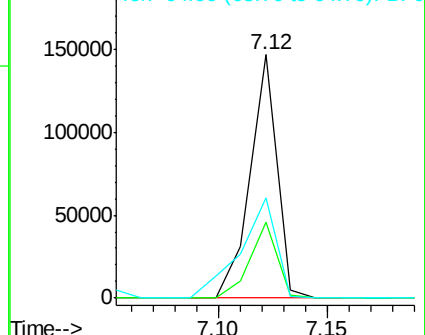
64 41.2 20.5 60.5

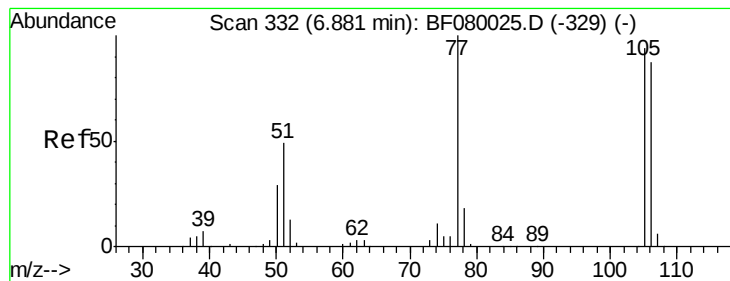


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.00 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

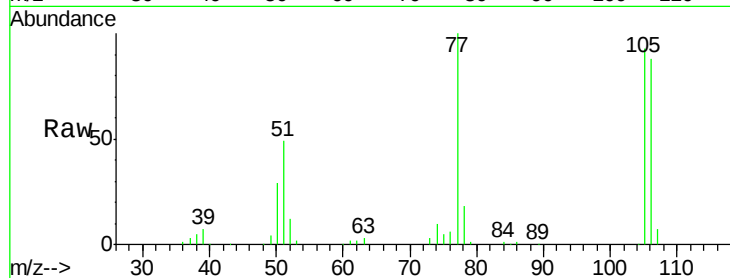
Tgt Ion: 77 Resp: 77619

Ion Ratio Lower Upper

77 100

105 93.3 91.6 131.6

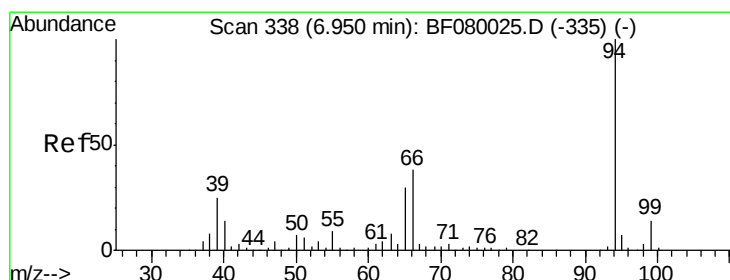
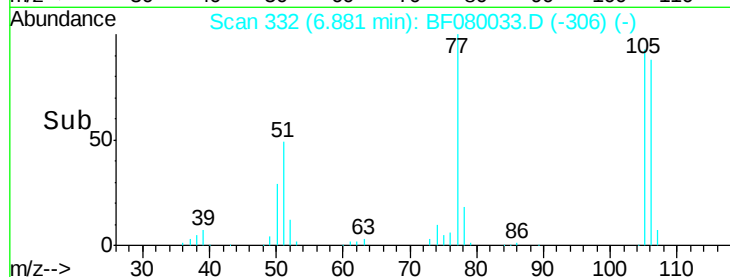
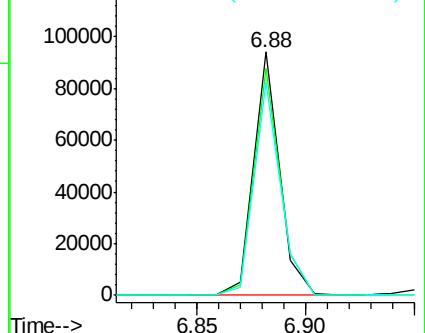
106 87.7 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.26 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

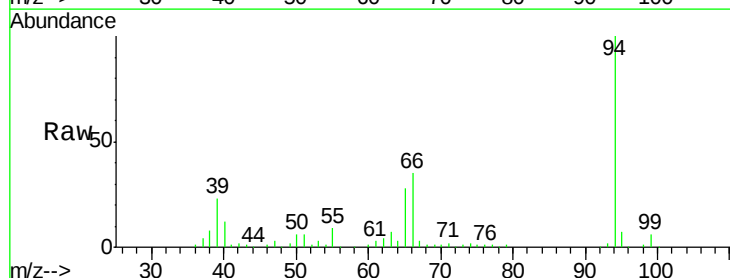
Tgt Ion: 94 Resp: 163190

Ion Ratio Lower Upper

94 100

65 27.9 0.7 40.7

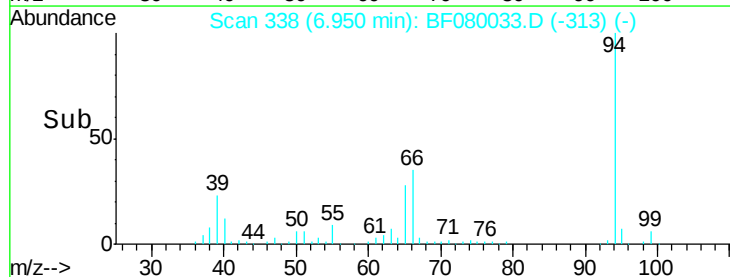
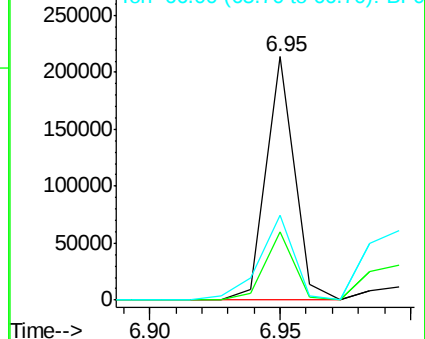
66 35.1 0.8 40.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

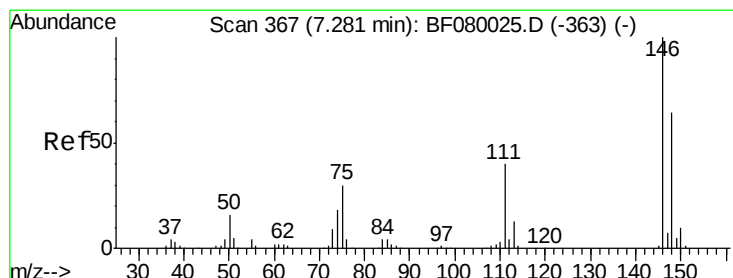
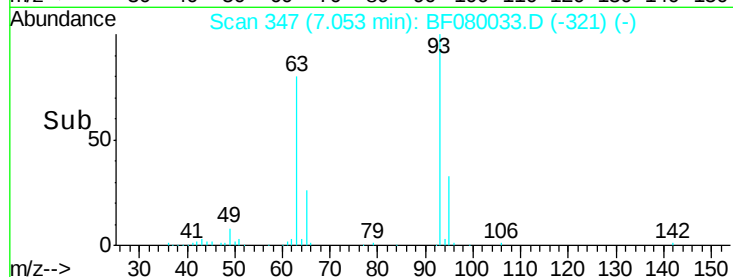
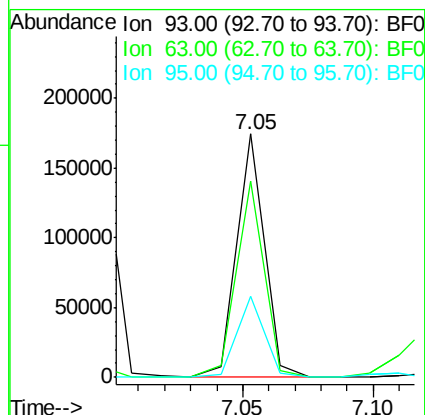
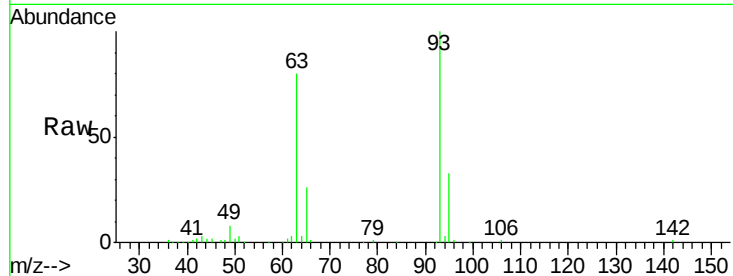




#11  
bis(2-Chloroethyl)ether  
Concen: 42.85 ng  
RT: 7.05 min Scan# 347  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

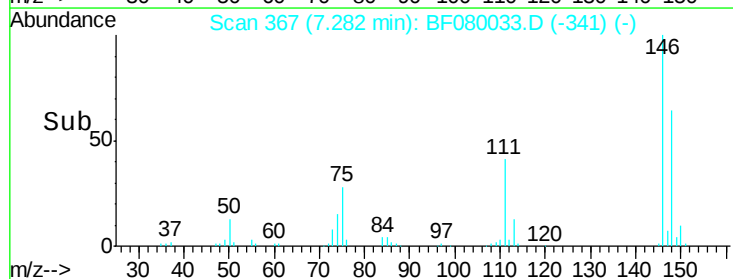
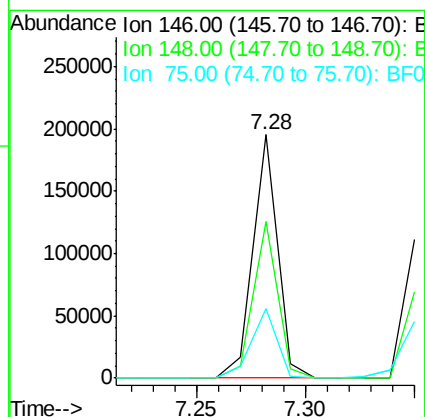
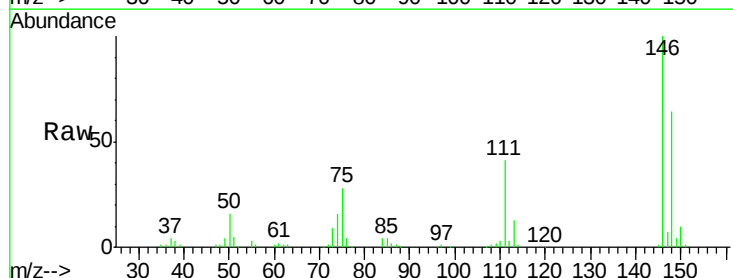
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

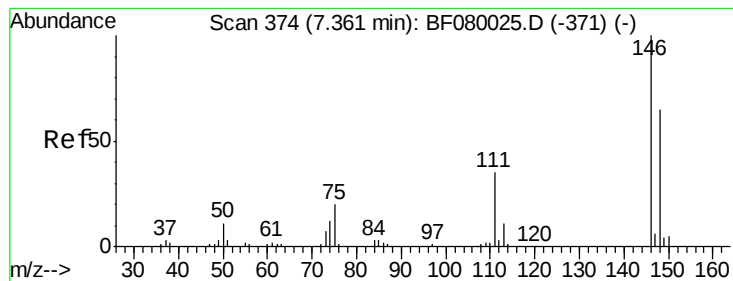
Tgt Ion: 93 Resp: 131265  
Ion Ratio Lower Upper  
93 100  
63 80.4 65.6 105.6  
95 33.2 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 41.40 ng  
RT: 7.28 min Scan# 367  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Tgt Ion: 146 Resp: 152853  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.0 76.4  
75 28.4 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 41.15 ng

RT: 7.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

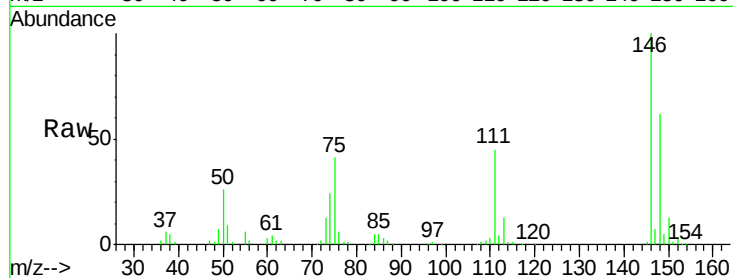
Tgt Ion:146 Resp: 144487

Ion Ratio Lower Upper

146 100

148 62.3 51.8 77.6

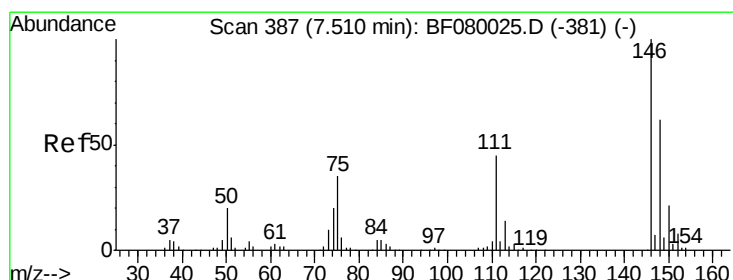
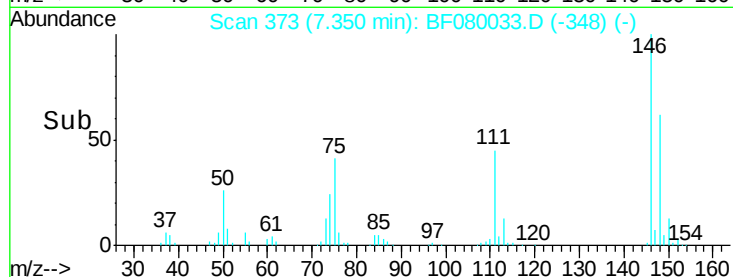
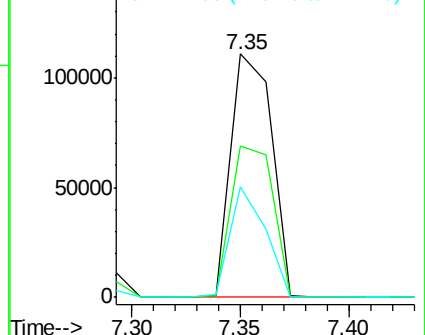
111 45.3 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.74 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.23 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

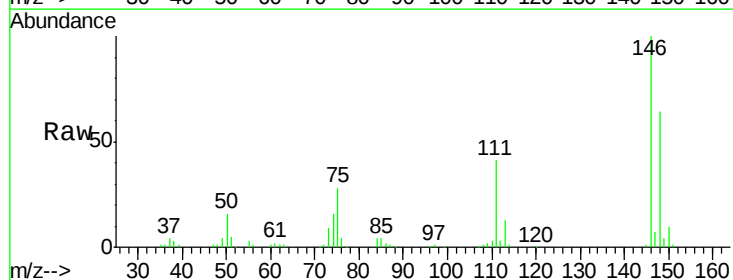
Tgt Ion:146 Resp: 152853

Ion Ratio Lower Upper

146 100

148 64.2 52.7 79.1

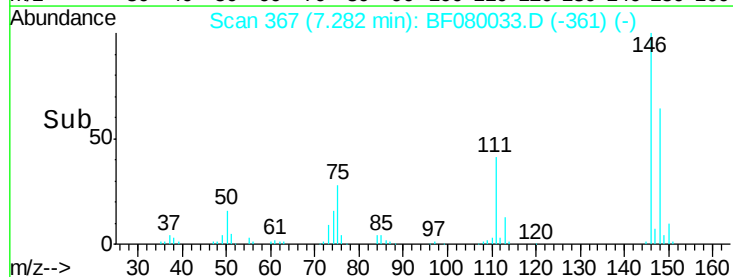
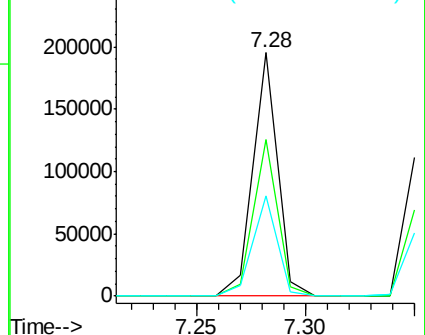
111 41.0 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.26 ng

RT: 7.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

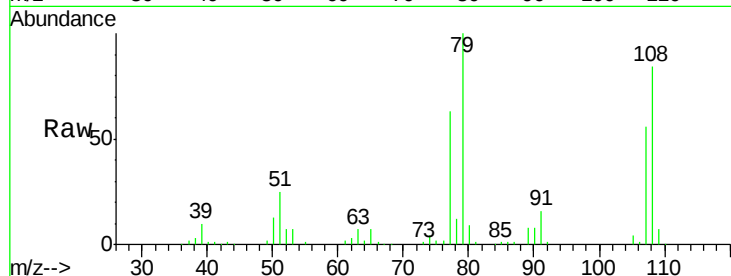
Tgt Ion: 79 Resp: 119379

Ion Ratio Lower Upper

79 100

108 83.7 88.6 132.8#

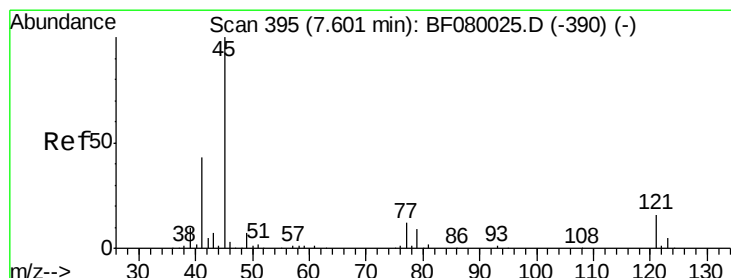
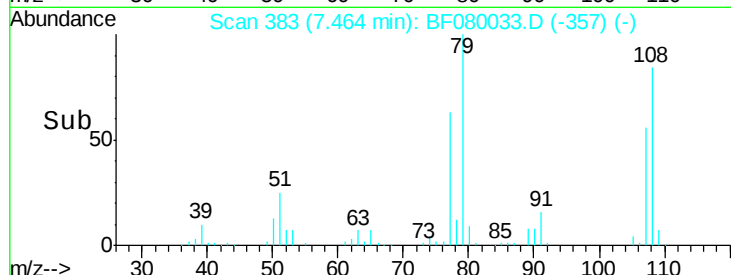
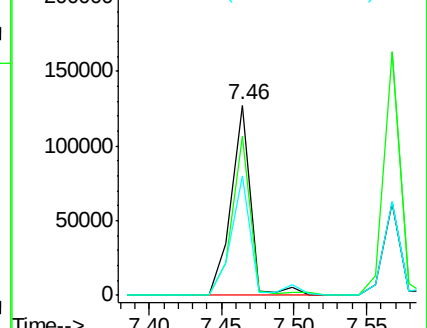
77 62.8 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.48 ng

RT: 7.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

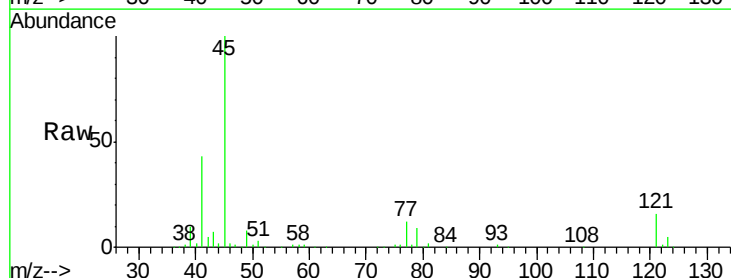
Tgt Ion: 45 Resp: 188637

Ion Ratio Lower Upper

45 100

77 12.3 0.0 28.1

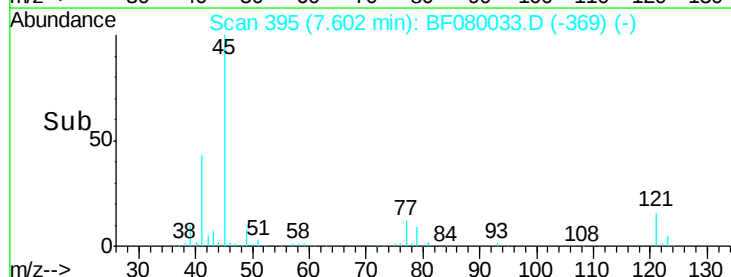
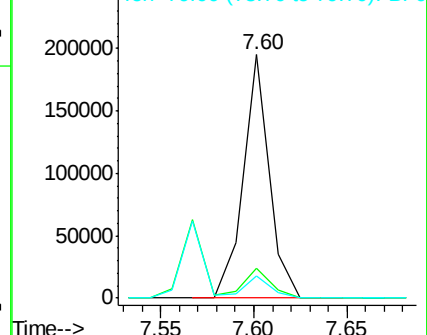
79 9.1 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

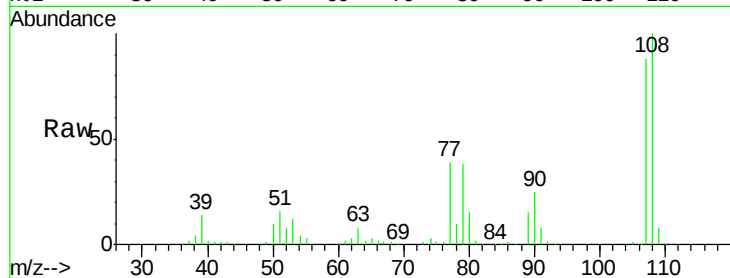




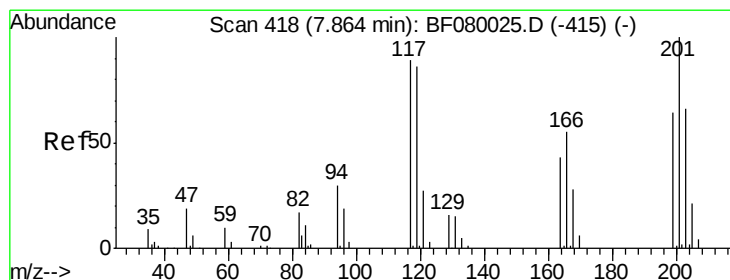
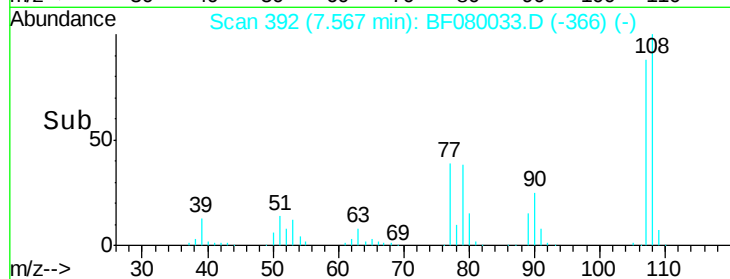
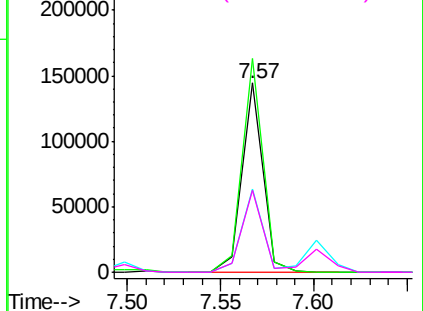
#17  
2-Methylphenol  
Concen: 42.77 ng  
RT: 7.57 min Scan# 392  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 112286  
Ion Ratio Lower Upper  
107 100  
108 113.0 96.6 145.0  
77 43.8 23.3 34.9#  
79 43.1 22.0 33.0#

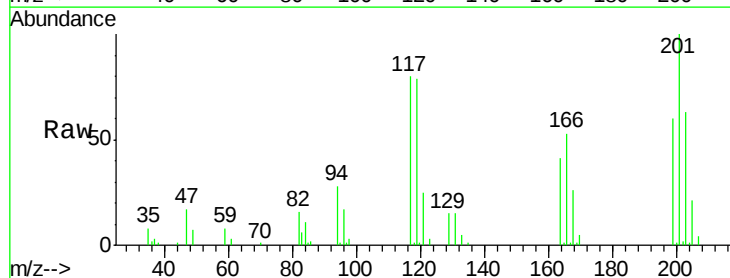


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

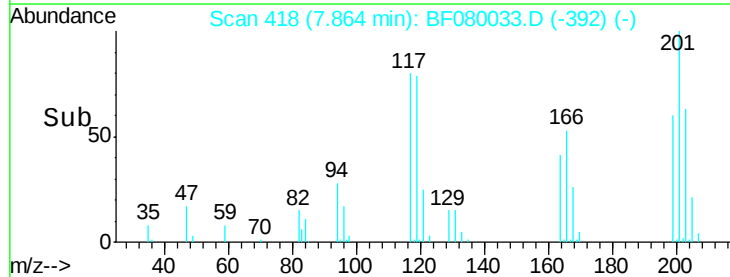
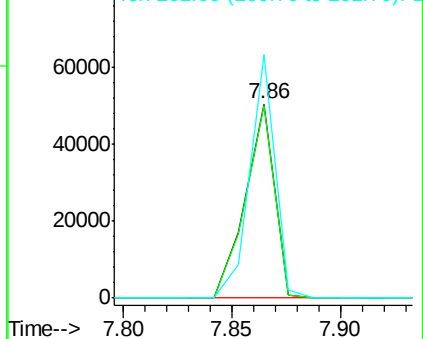


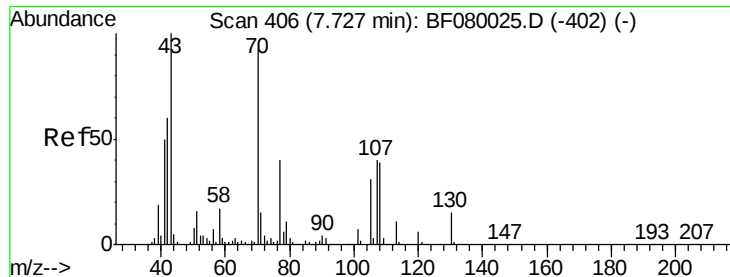
#18  
Hexachloroethane  
Concen: 40.11 ng  
RT: 7.86 min Scan# 418  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Tgt Ion:117 Resp: 46889  
Ion Ratio Lower Upper  
117 100  
119 99.1 83.8 125.6  
201 125.5 55.1 82.7#



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

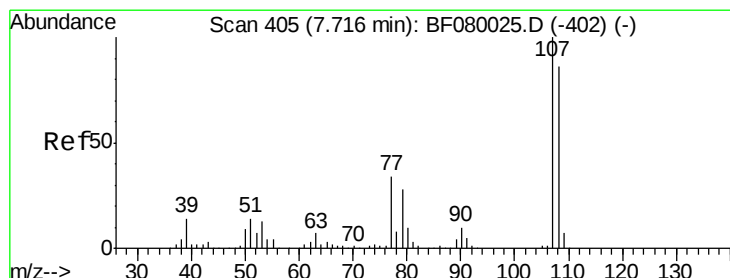
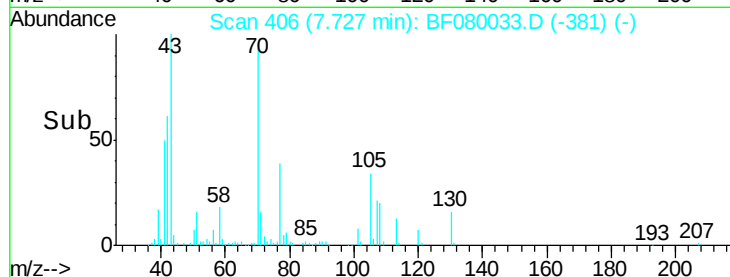
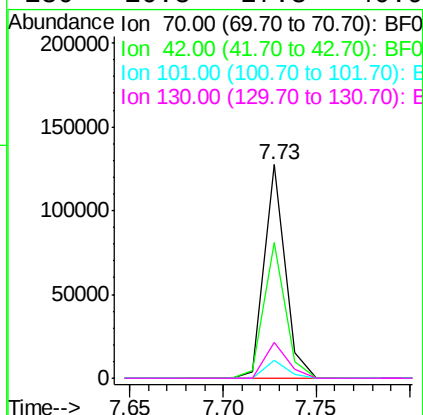
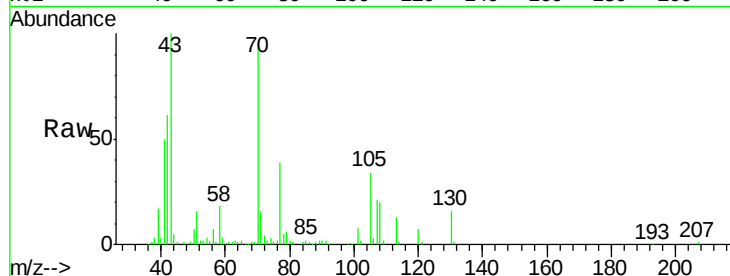




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.89 ng  
RT: 7.73 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

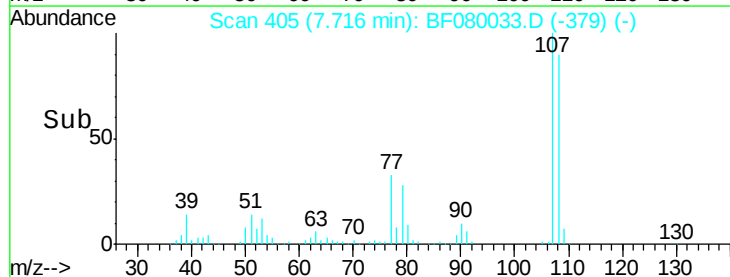
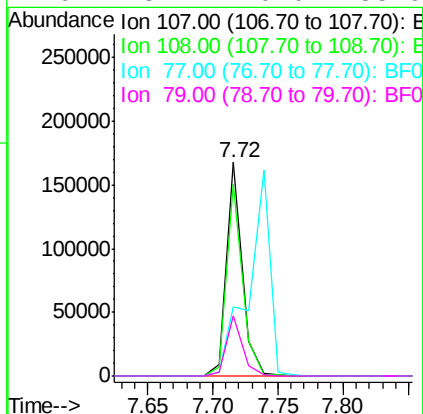
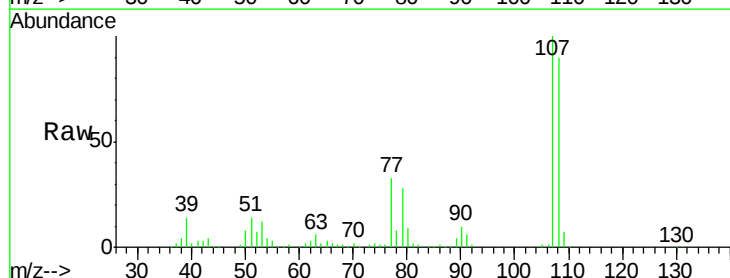
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 100452  
Ion Ratio Lower Upper  
70 100  
42 63.8 63.8 95.6  
101 8.5 9.2 13.8#  
130 16.8 27.3 40.9#



#20  
3+4-Methylphenols  
Concen: 42.03 ng  
RT: 7.72 min Scan# 405  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Tgt Ion: 107 Resp: 142389  
Ion Ratio Lower Upper  
107 100  
108 89.7 74.6 114.6  
77 32.6 0.7 40.7  
79 28.4 0.0 38.9

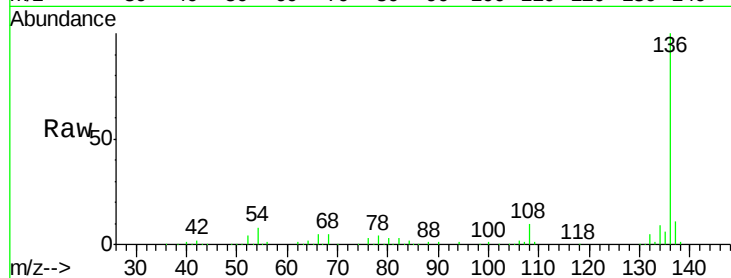




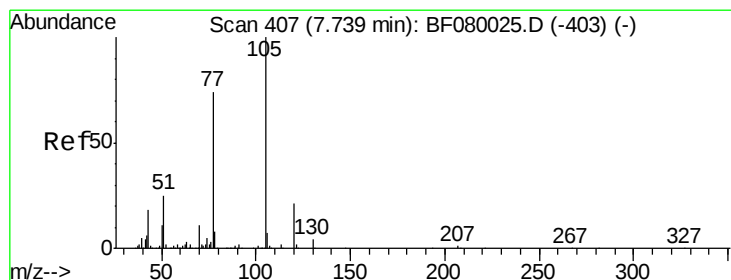
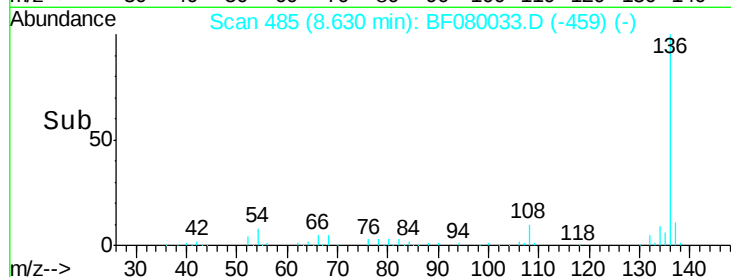
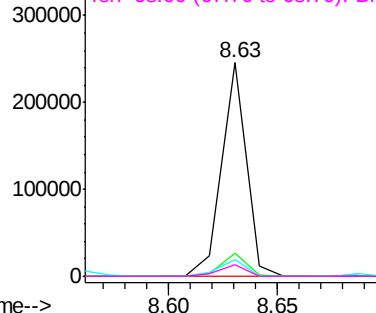
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.63 min Scan# 485  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 192896 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.7  | 9.0   | 13.6   |
| 54        | 7.6   | 8.2   | 12.2#  |
| 68        | 5.4   | 5.8   | 8.6#   |

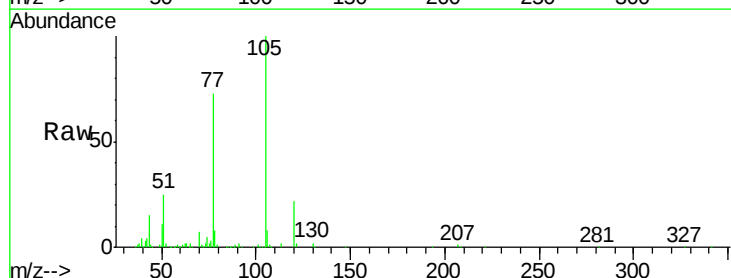


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

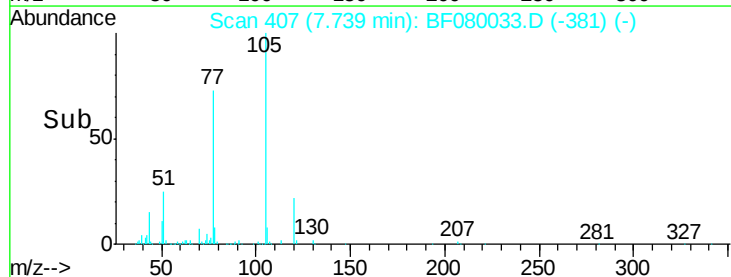
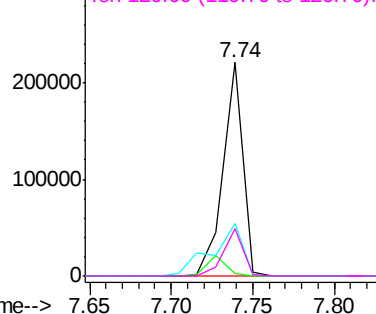


#22  
Acetophenone  
Concen: 41.57 ng  
RT: 7.74 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 186870 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.2   | 4.7   | 7.1#   |
| 51        | 24.9  | 22.0  | 33.0   |
| 120       | 22.0  | 30.1  | 45.1#  |



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

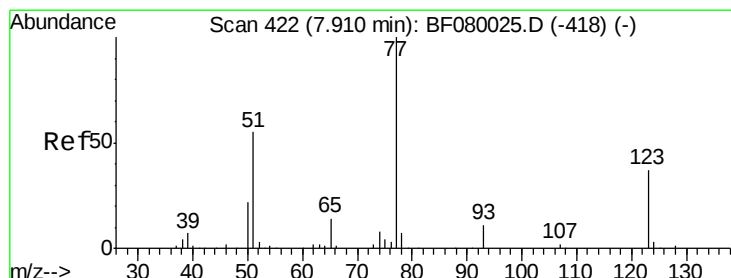
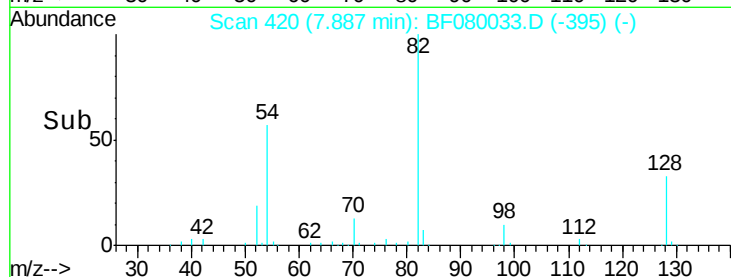
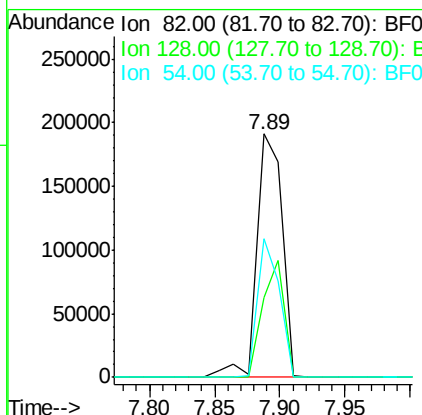
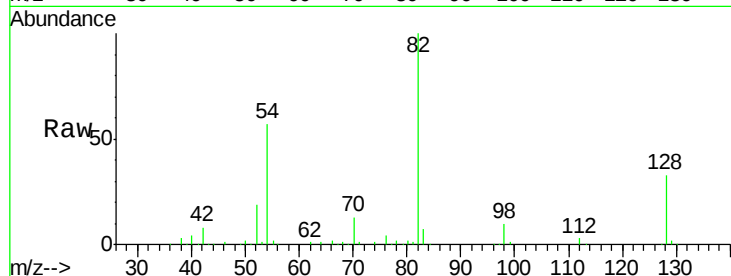




#23  
 Nitrobenzene-d5  
 Concen: 78.64 ng  
 RT: 7.89 min Scan# 420  
 Delta R.T. -0.01 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

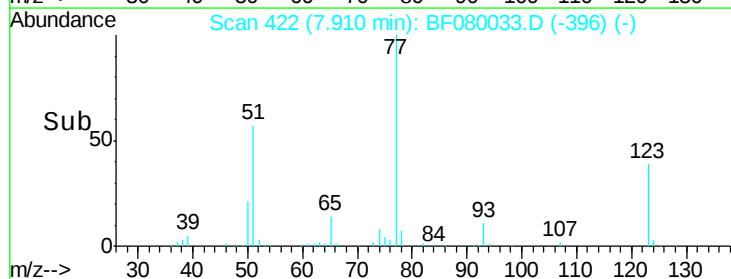
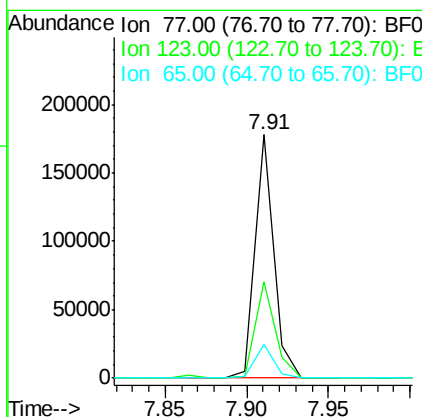
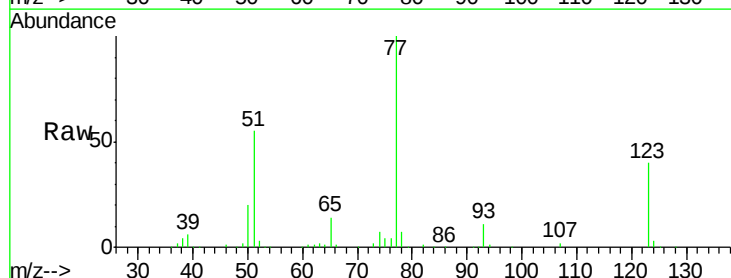
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 82 Resp: 260570  
 Ion Ratio Lower Upper  
 82 100  
 128 32.6 51.0 76.6#  
 54 57.0 47.5 71.3



#24  
 Nitrobenzene  
 Concen: 41.67 ng  
 RT: 7.91 min Scan# 422  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Tgt Ion: 77 Resp: 142502  
 Ion Ratio Lower Upper  
 77 100  
 123 39.8 59.8 89.8#  
 65 13.6 10.2 15.4





#25

Isophorone

Concen: 41.79 ng

RT: 8.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

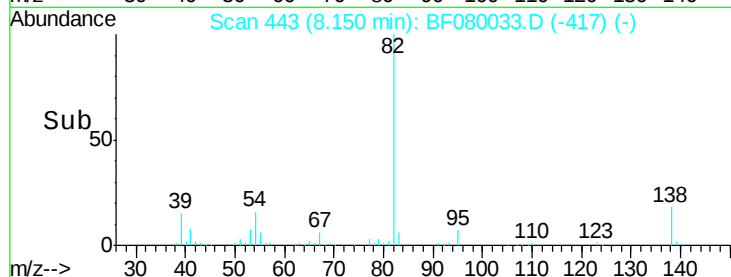
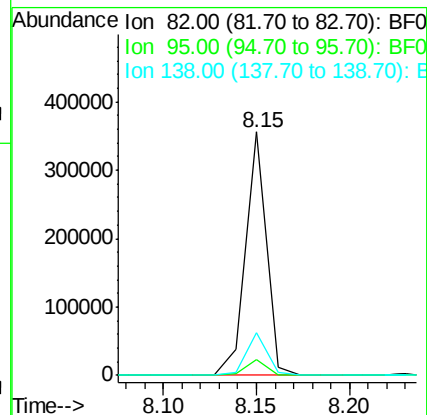
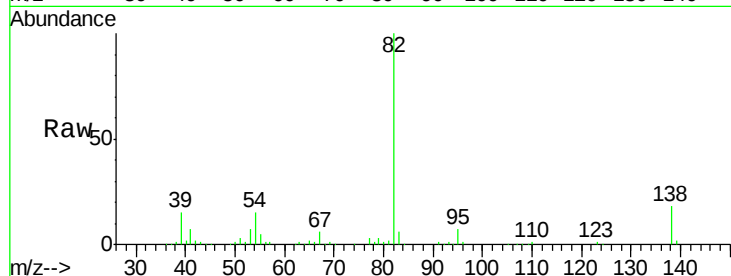
Tgt Ion: 82 Resp: 278667

Ion Ratio Lower Upper

82 100

95 6.7 4.0 6.0#

138 17.6 18.3 27.5#



#26

2-Nitrophenol

Concen: 41.12 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

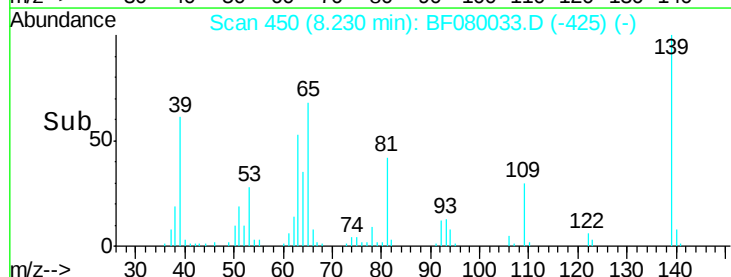
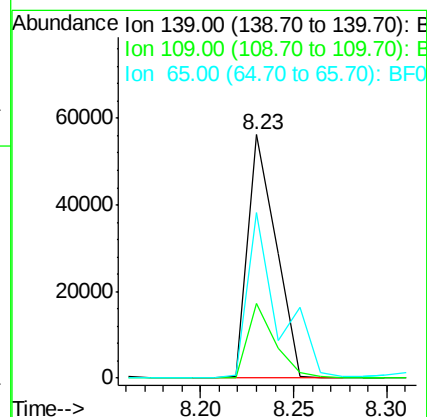
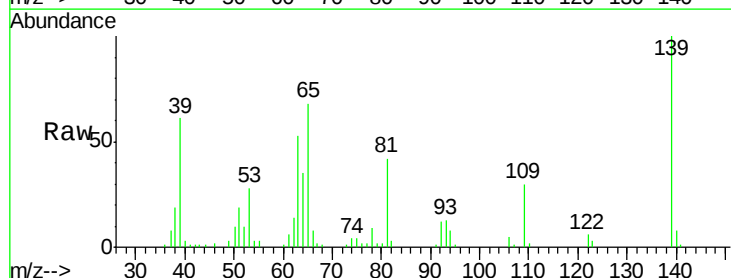
Tgt Ion: 139 Resp: 58856

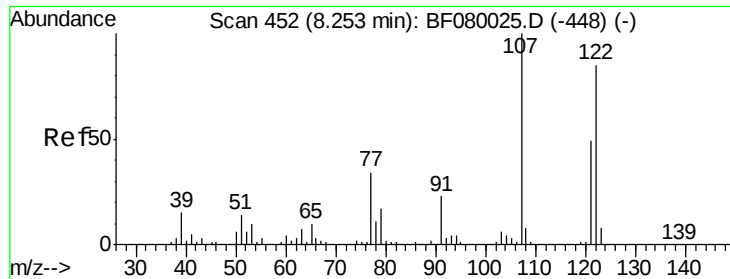
Ion Ratio Lower Upper

139 100

109 30.4 11.0 16.4#

65 67.9 24.7 37.1#

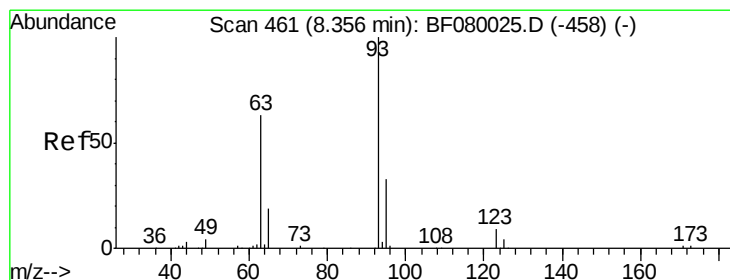
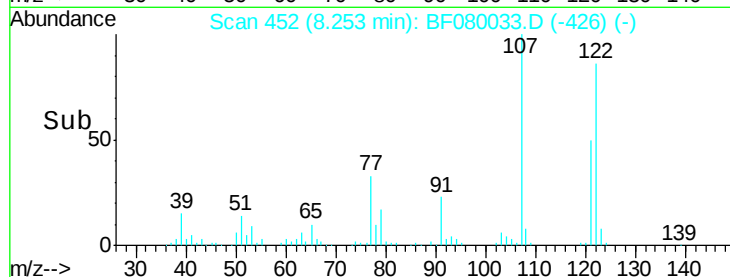
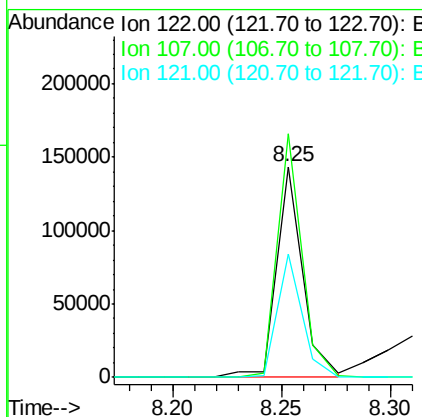
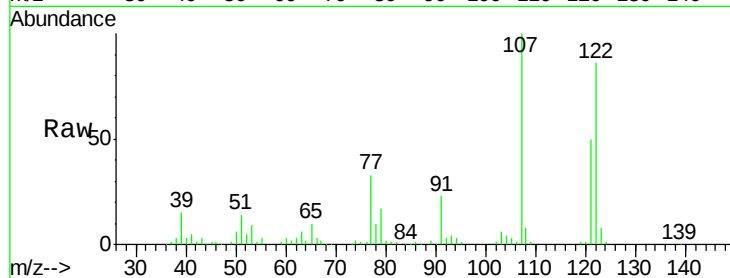




#27  
 2,4-Dimethylphenol  
 Concen: 40.37 ng  
 RT: 8.25 min Scan# 452  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

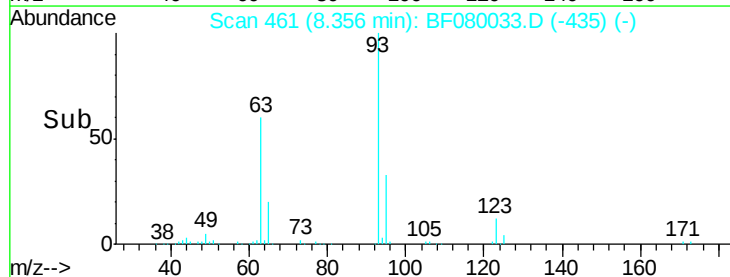
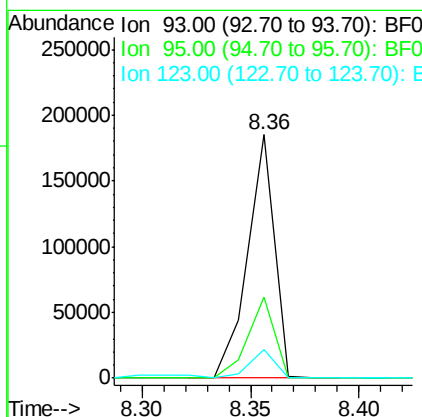
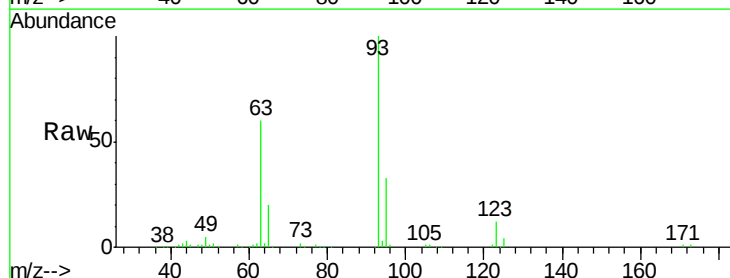
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

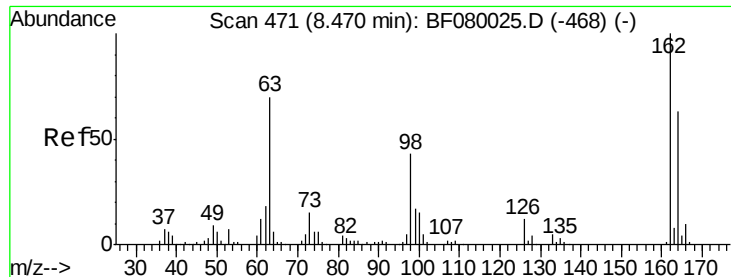
Tgt Ion: 122 Resp: 120491  
 Ion Ratio Lower Upper  
 122 100  
 107 115.7 71.8 107.6#  
 121 58.4 42.3 63.5



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.38 ng  
 RT: 8.36 min Scan# 461  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Tgt Ion: 93 Resp: 158216  
 Ion Ratio Lower Upper  
 93 100  
 95 33.3 27.5 41.3  
 123 11.6 13.7 20.5#

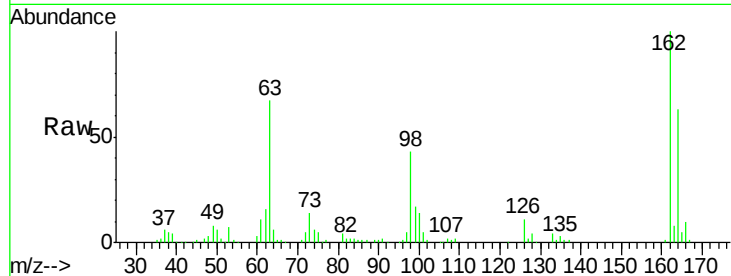




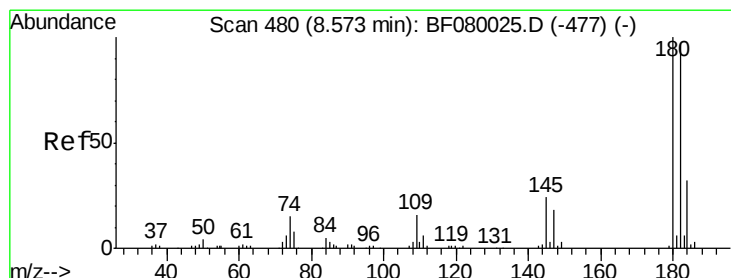
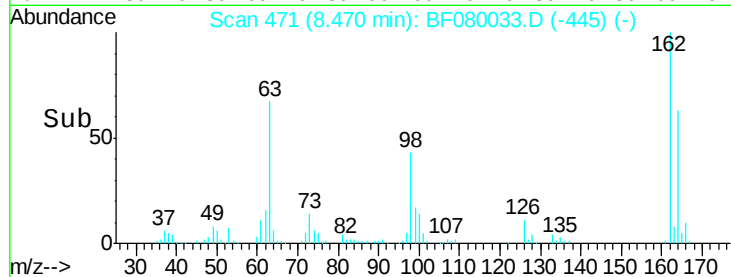
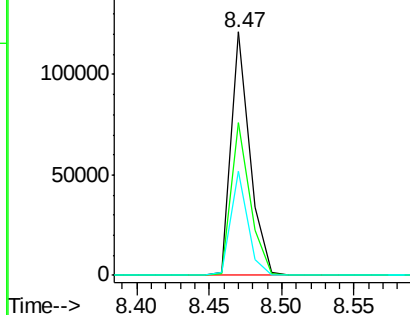
#29  
 2,4-Dichlorophenol  
 Concen: 42.50 ng  
 RT: 8.47 min Scan# 471  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.9  | 44.9  | 84.9  |
| 98      | 42.8  | 13.0  | 53.0  |

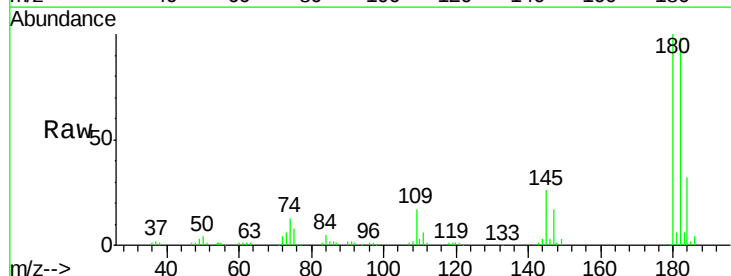


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

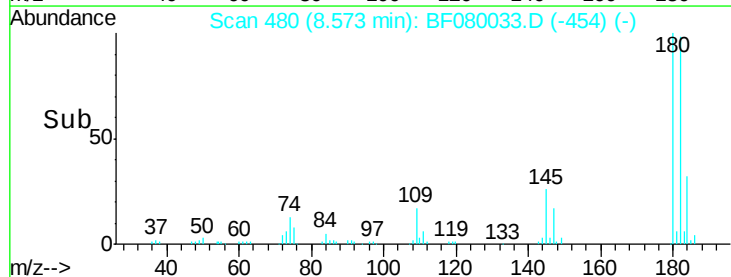
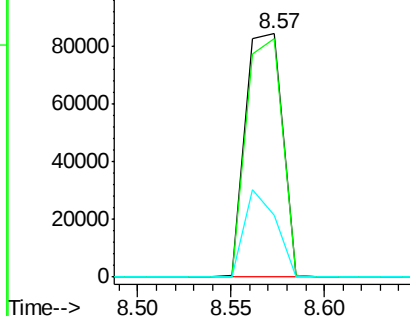


#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.77 ng  
 RT: 8.57 min Scan# 480  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.0  | 77.1  | 115.7 |
| 145     | 25.5  | 23.3  | 34.9  |



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

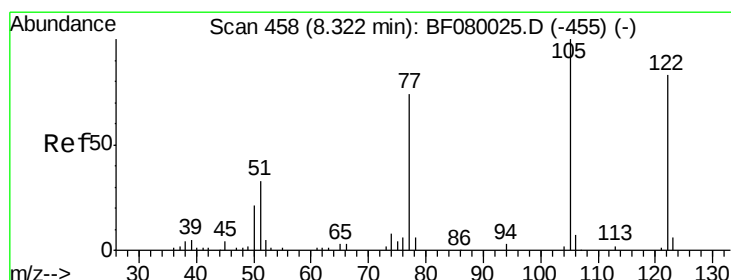
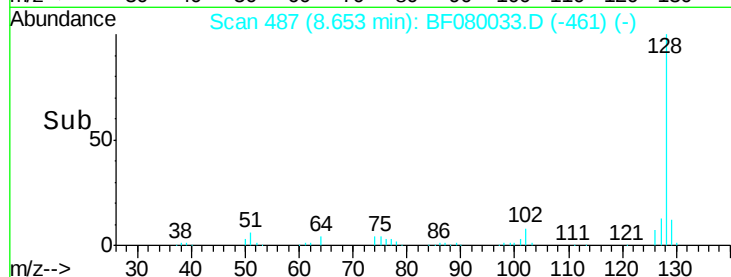
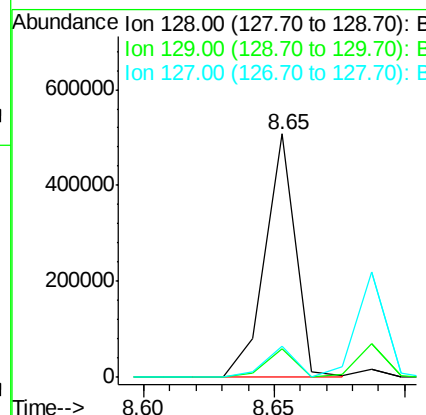
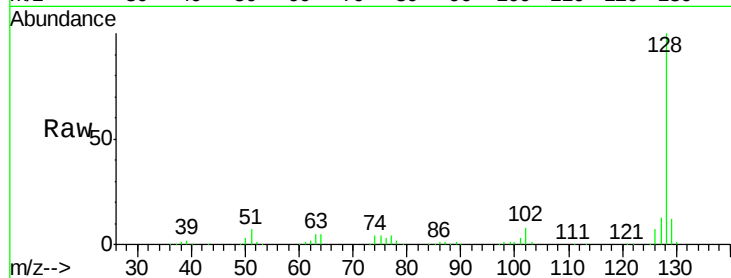




#31  
Naphthalene  
Concen: 40.99 ng  
RT: 8.65 min Scan# 487  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

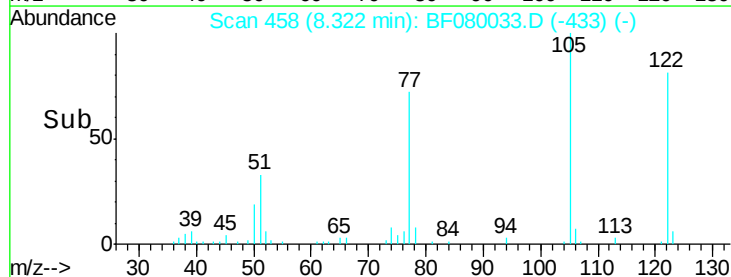
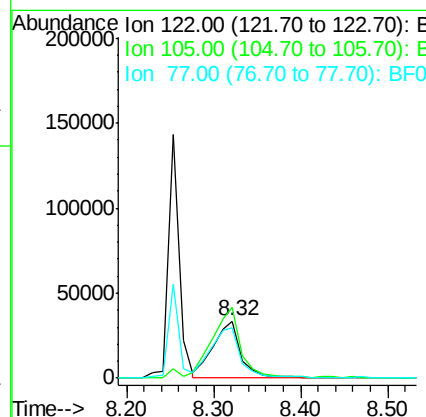
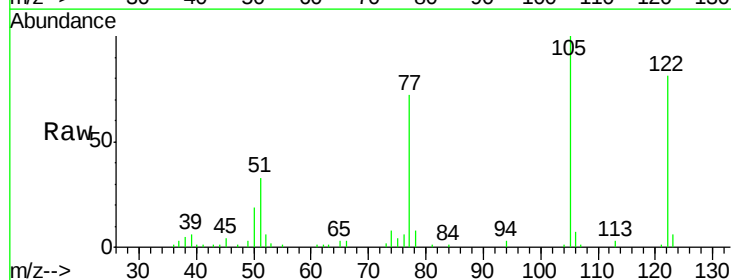
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

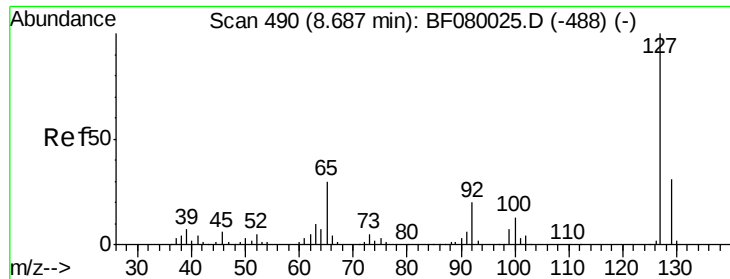
Tgt Ion:128 Resp: 413439  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.4 12.6  
127 13.0 9.9 14.9



#32  
Benzoic acid  
Concen: 41.40 ng  
RT: 8.32 min Scan# 458  
Delta R.T. -0.01 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Tgt Ion:122 Resp: 74712  
Ion Ratio Lower Upper  
122 100  
105 123.0 76.1 116.1#  
77 88.4 40.5 80.5#

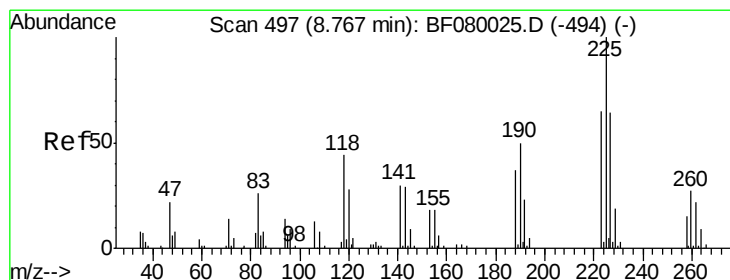
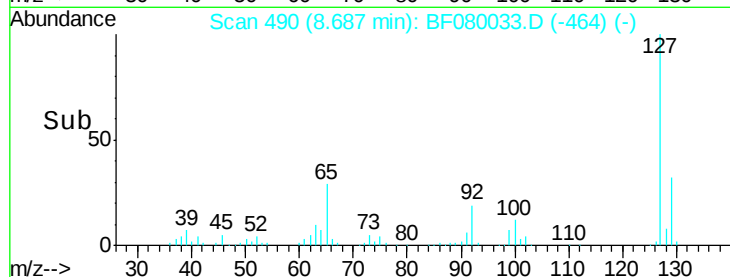
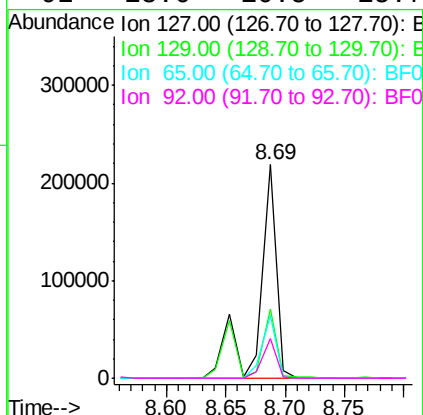
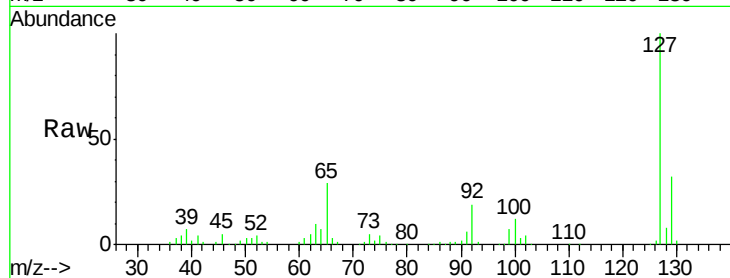




#33  
4-Chloroaniline  
Concen: 52.41 ng  
RT: 8.69 min Scan# 490  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

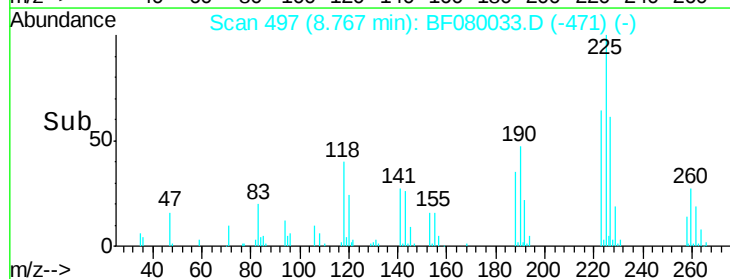
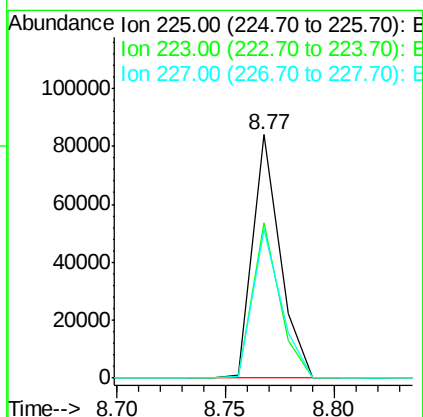
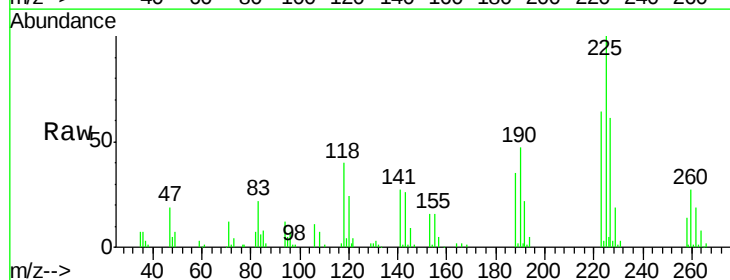
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 226194 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 25.8  | 38.6   |
| 65       | 29.2  | 17.9  | 26.9#  |
| 92       | 18.6  | 10.5  | 15.7#  |



#34  
Hexachlorobutadiene  
Concen: 41.08 ng  
RT: 8.77 min Scan# 497  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 73442 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.6  | 50.2  | 75.2  |
| 227      | 61.2  | 52.2  | 78.2  |

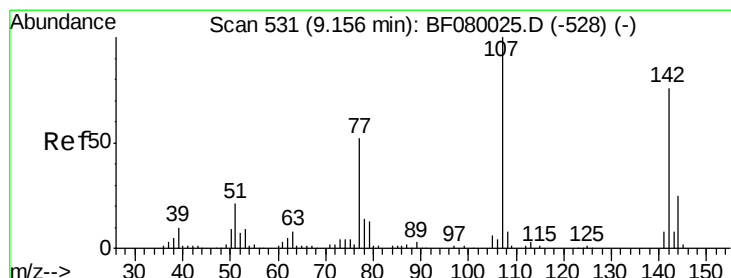
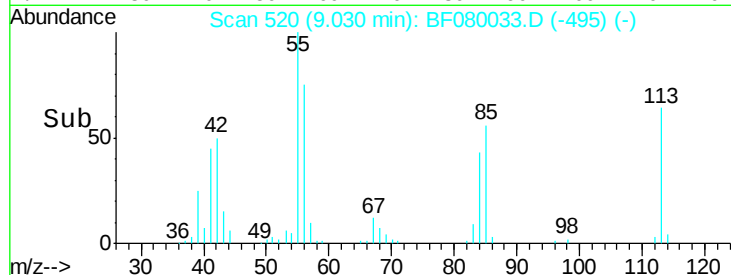
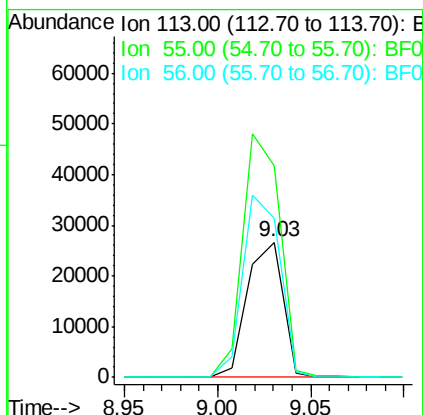
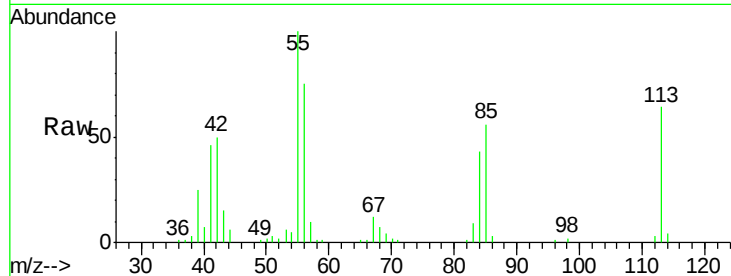




#35  
 Caprolactam  
 Concen: 42.81 ng  
 RT: 9.03 min Scan# 520  
 Delta R.T. -0.01 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

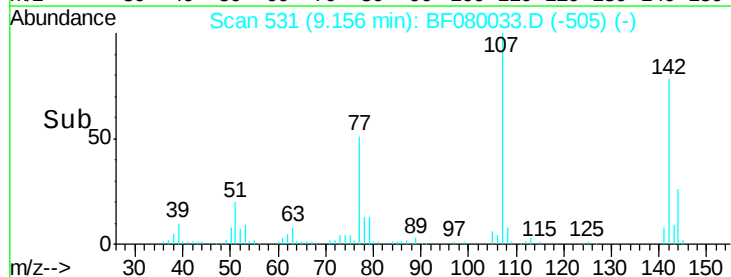
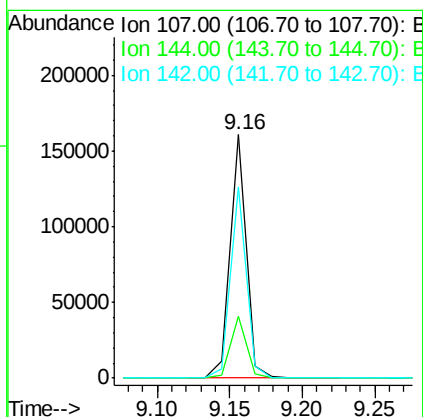
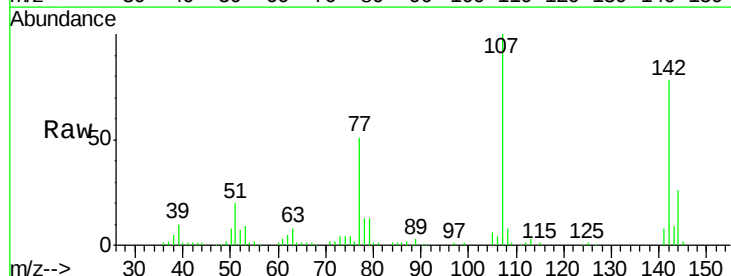
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

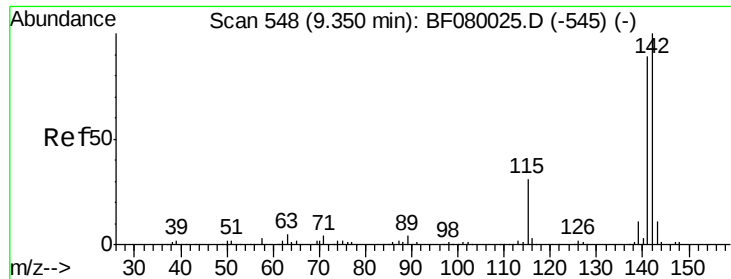
Tgt Ion:113 Resp: 35518  
 Ion Ratio Lower Upper  
 113 100  
 55 157.0 152.4 192.4  
 56 118.2 104.6 144.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.14 ng  
 RT: 9.16 min Scan# 531  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Tgt Ion:107 Resp: 124386  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 25.4 38.0  
 142 78.3 77.3 115.9

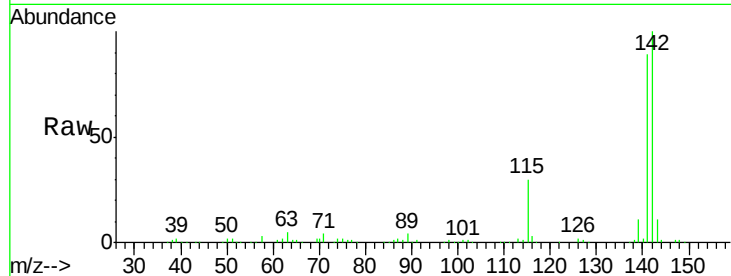




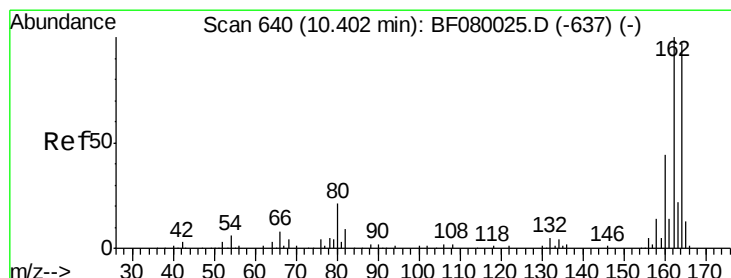
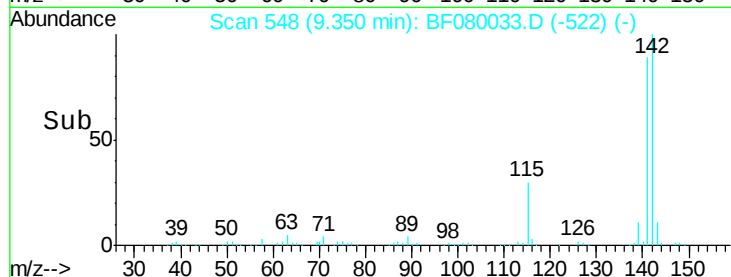
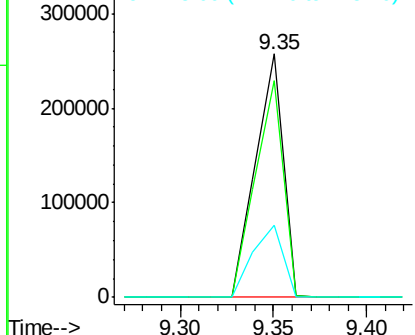
#37  
 2-Methylnaphthalene  
 Concen: 40.46 ng  
 RT: 9.35 min Scan# 548  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:142 Resp: 263953  
 Ion Ratio Lower Upper  
 142 100  
 141 89.1 67.5 101.3  
 115 29.7 18.2 27.2#

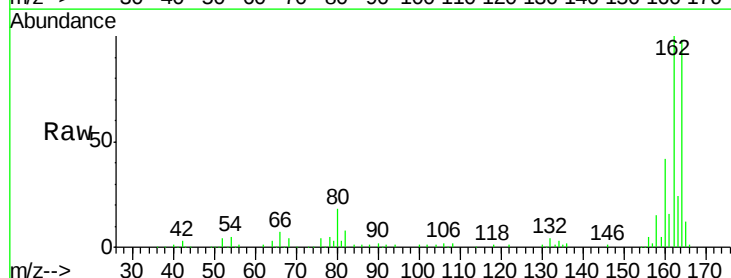


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

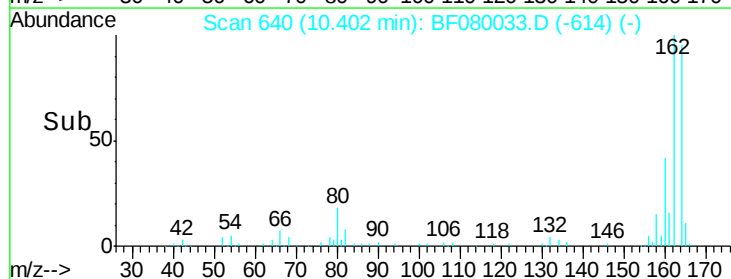
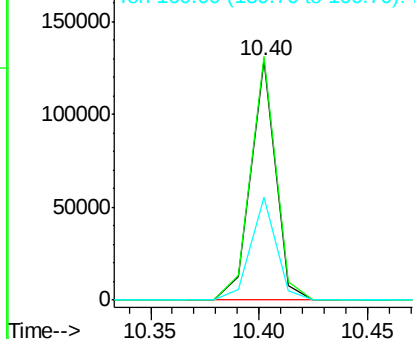


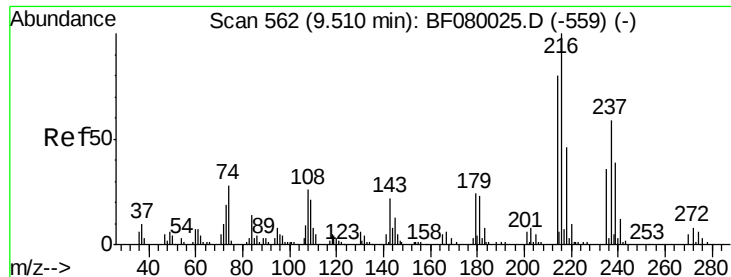
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.40 min Scan# 640  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Tgt Ion:164 Resp: 102492  
 Ion Ratio Lower Upper  
 164 100  
 162 101.8 75.2 112.8  
 160 43.2 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

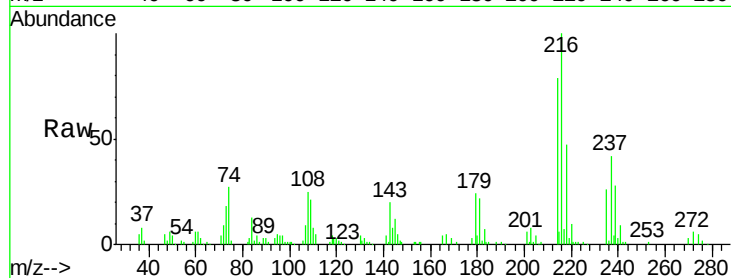




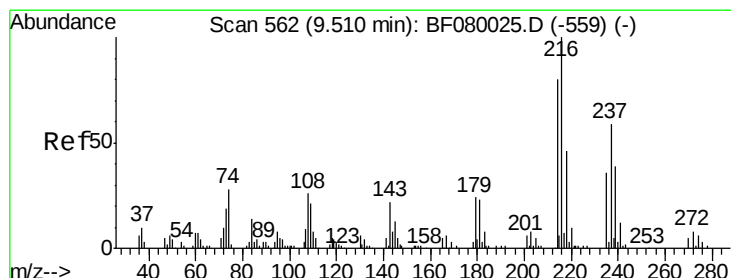
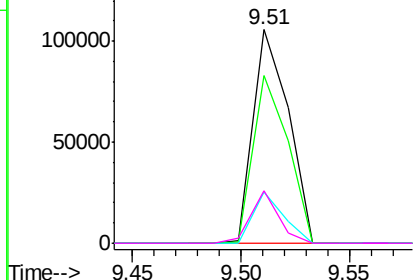
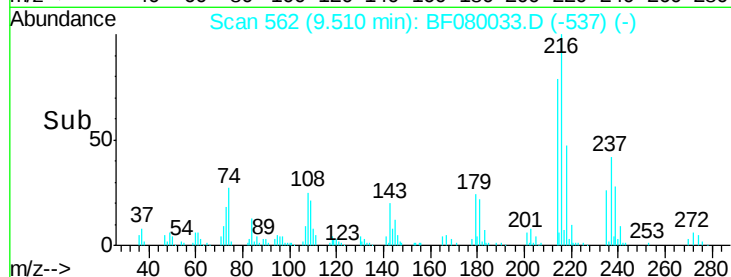
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.04 ng  
RT: 9.51 min Scan# 562  
Delta R.T. -0.01 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 119410 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.3  | 63.5  | 95.3   |
| 179      | 20.7  | 16.6  | 24.8   |
| 108      | 19.5  | 16.3  | 24.5   |

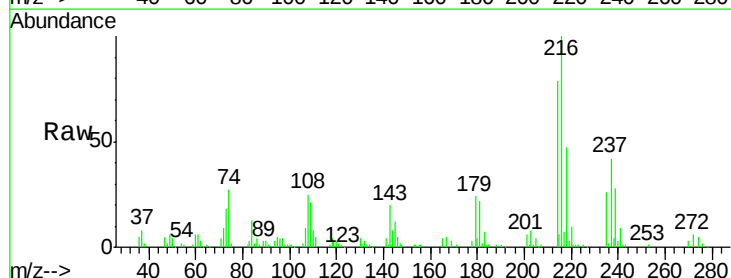


Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E

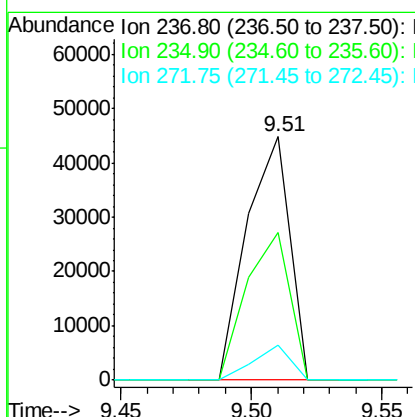
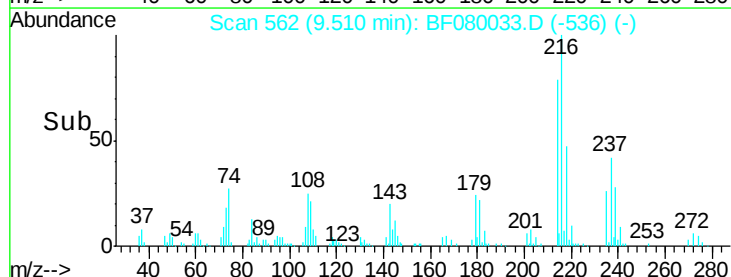


#40  
Hexachlorocyclopentadiene  
Concen: 37.38 ng  
RT: 9.51 min Scan# 562  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 51836 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 60.6  | 42.0  | 82.0  |
| 272      | 14.1  | 0.0   | 36.1  |



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

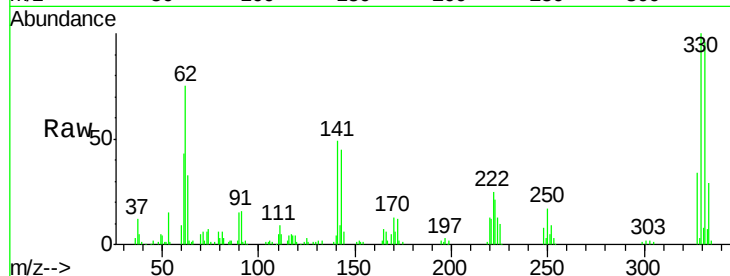




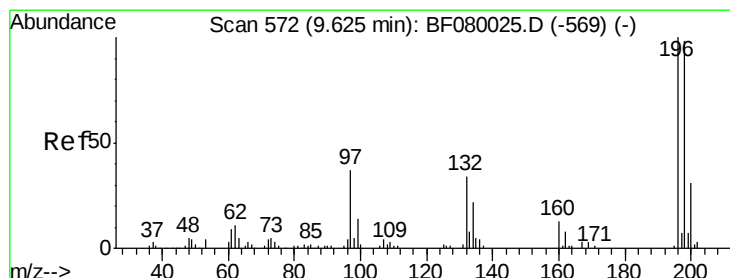
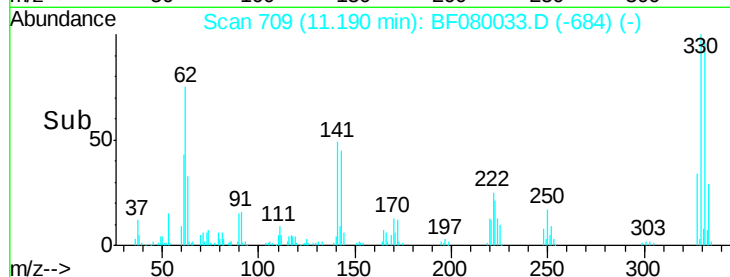
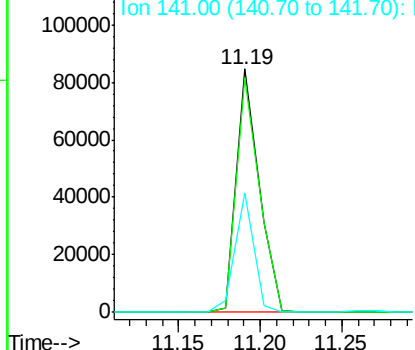
#41  
 2,4,6-Tribromophenol  
 Concen: 81.00 ng  
 RT: 11.19 min Scan# 709  
 Delta R.T. -0.01 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:330 Resp: 81182  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 76.6 114.8  
 141 40.5 29.7 44.5

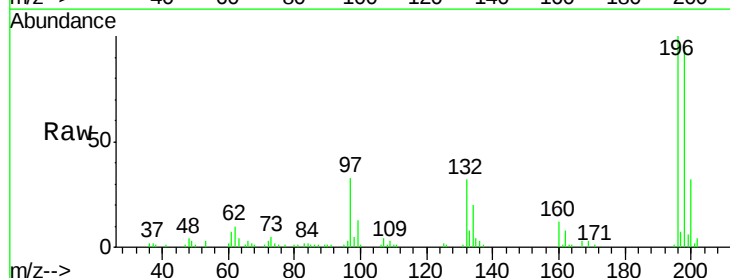


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

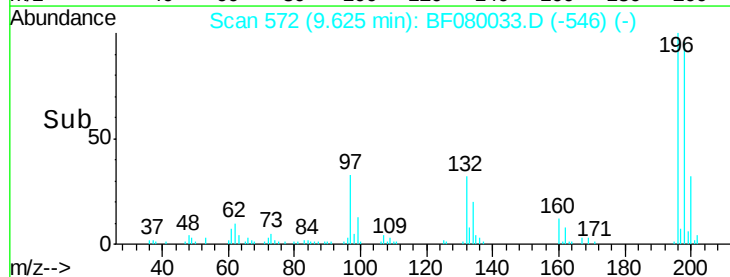
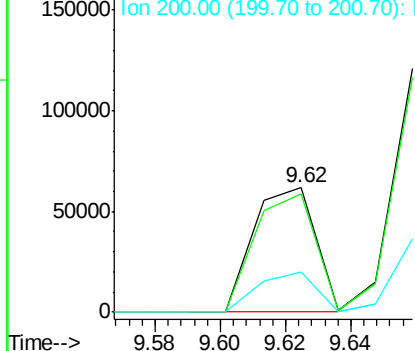


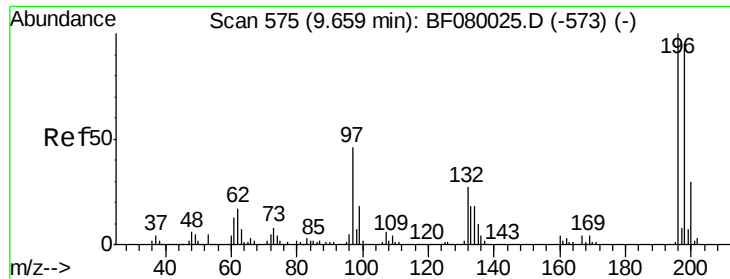
#42  
 2,4,6-Trichlorophenol  
 Concen: 39.92 ng  
 RT: 9.62 min Scan# 572  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Tgt Ion:196 Resp: 81017  
 Ion Ratio Lower Upper  
 196 100  
 198 95.6 75.7 113.5  
 200 32.3 23.9 35.9



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

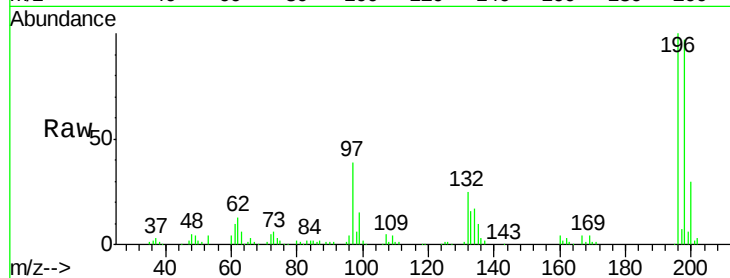




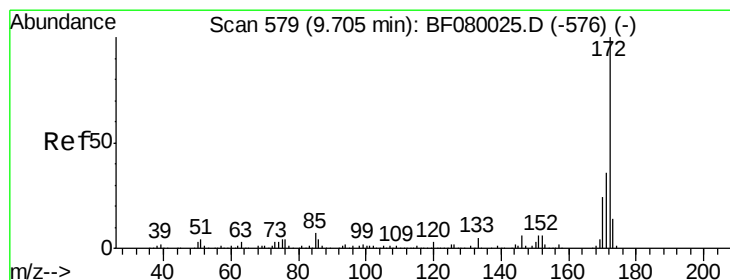
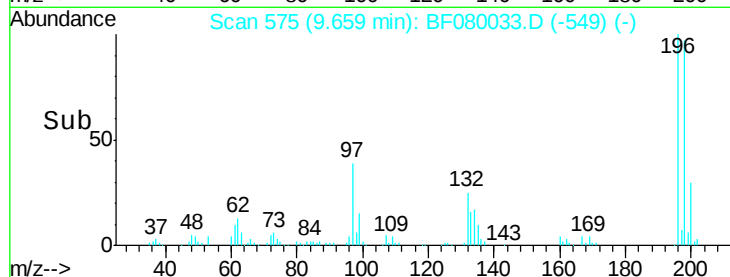
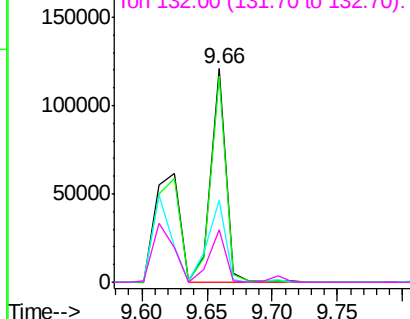
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.83 ng  
 RT: 9.66 min Scan# 575  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 97799 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 96.5  | 75.4  | 113.0 |
| 97       | 38.6  | 33.3  | 49.9  |
| 132      | 24.9  | 24.6  | 37.0  |

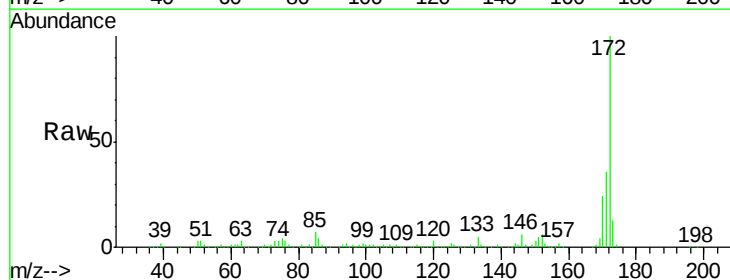


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

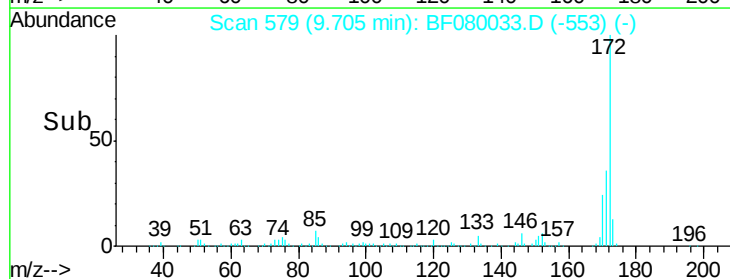
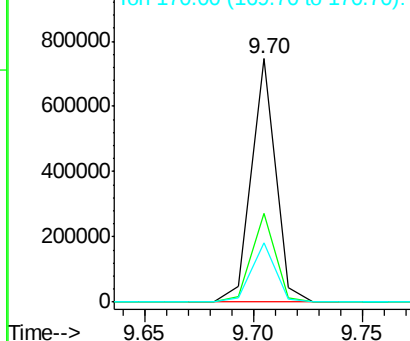


#44  
 2-Fluorobiphenyl  
 Concen: 80.13 ng  
 RT: 9.70 min Scan# 579  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 575876 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 36.4  | 26.1  | 39.1   |
| 170      | 24.4  | 17.4  | 26.2   |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

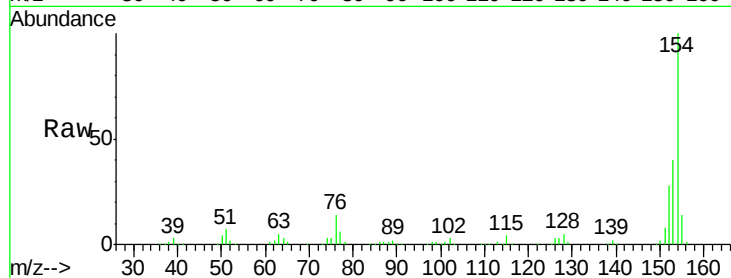




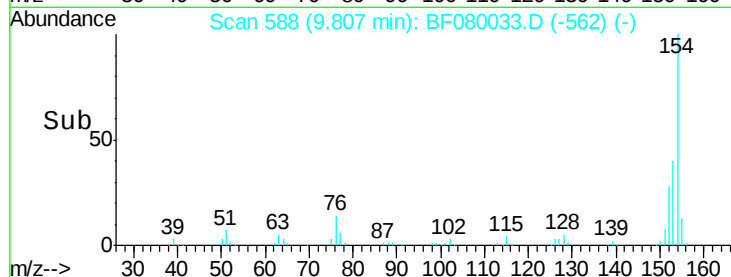
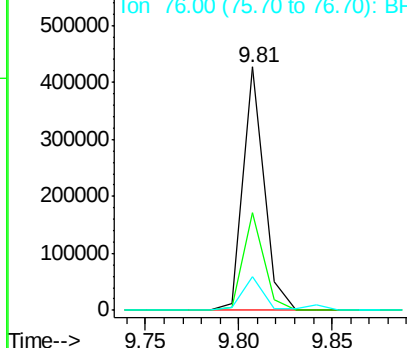
#45  
 1,1'-Biphenyl  
 Concen: 40.30 ng  
 RT: 9.81 min Scan# 588  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 17.1  | 57.1  |
| 76      | 13.6  | 0.0   | 31.6  |

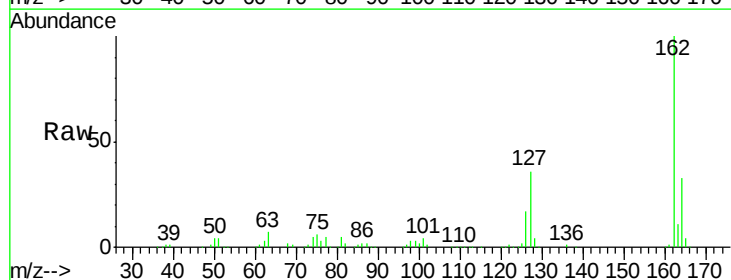


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

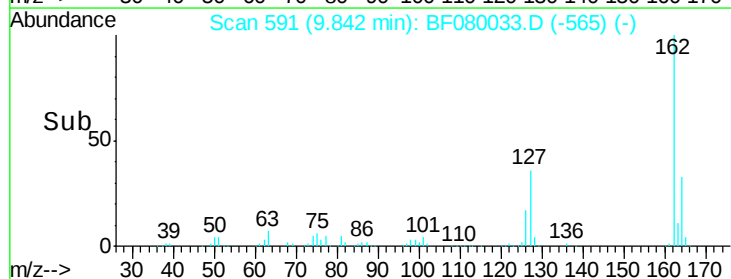
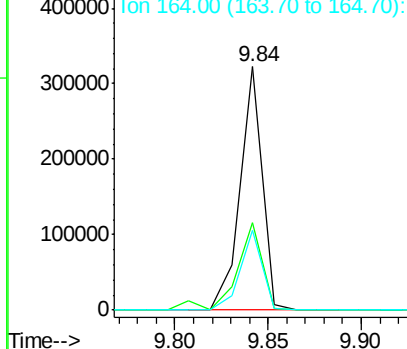


#46  
 2-Chloronaphthalene  
 Concen: 39.56 ng  
 RT: 9.84 min Scan# 591  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.9  | 27.6  | 41.4  |
| 164     | 32.9  | 25.4  | 38.2  |



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

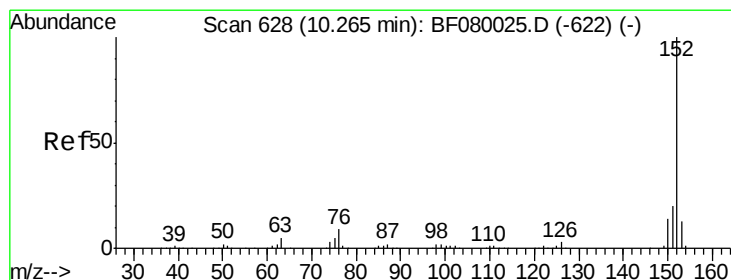
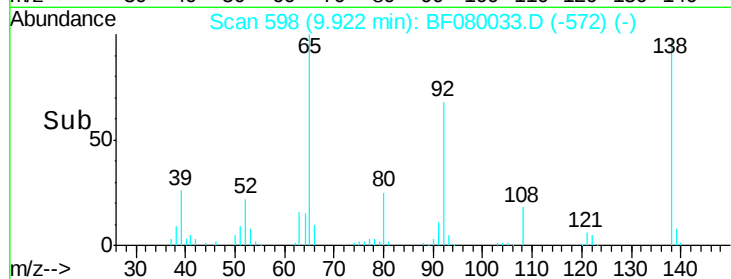
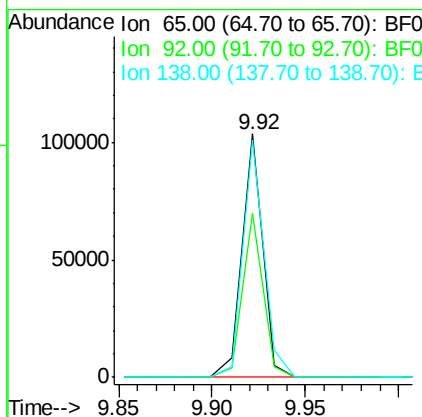
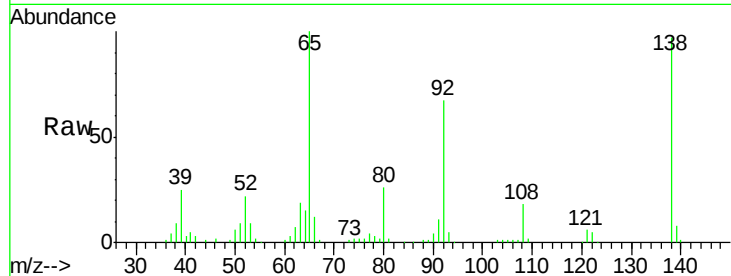




#47  
 2-Nitroaniline  
 Concen: 43.34 ng  
 RT: 9.92 min Scan# 598  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

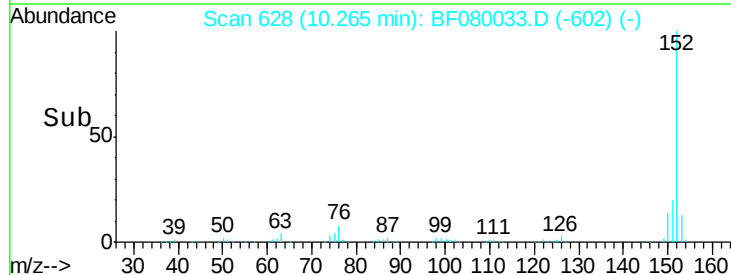
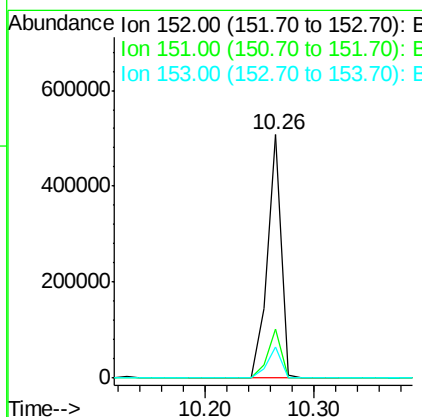
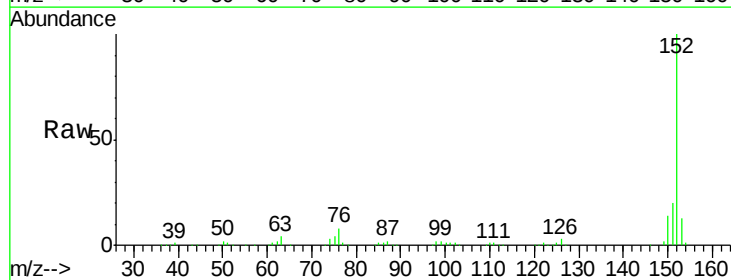
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

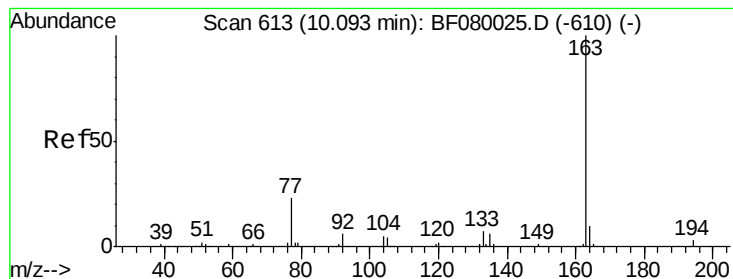
Tgt Ion: 65 Resp: 80495  
 Ion Ratio Lower Upper  
 65 100  
 92 67.4 55.4 83.0  
 138 97.3 115.5 173.3#



#48  
 Acenaphthylene  
 Concen: 40.21 ng  
 RT: 10.26 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Tgt Ion: 152 Resp: 454080  
 Ion Ratio Lower Upper  
 152 100  
 151 20.0 14.6 22.0  
 153 12.9 10.3 15.5





#49

Dimethylphthalate

Concen: 40.86 ng

RT: 10.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

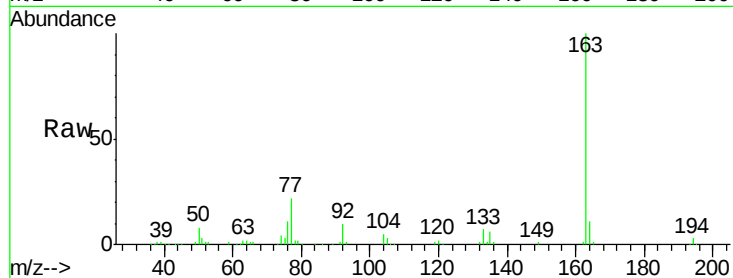
Tgt Ion:163 Resp: 314850

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

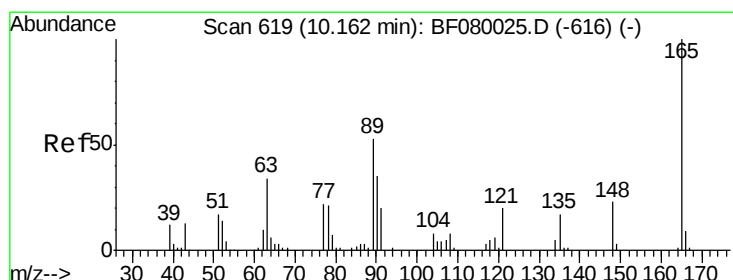
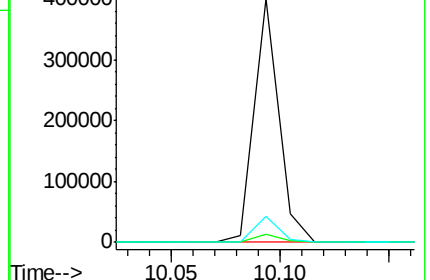
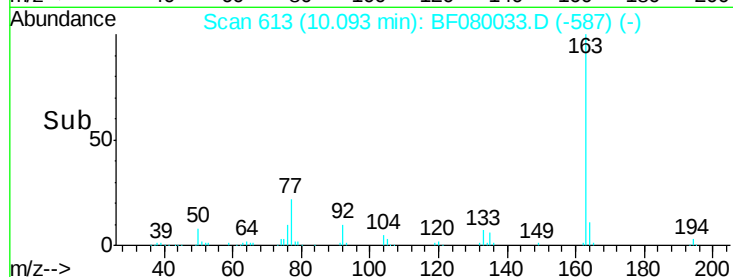
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.42 ng

RT: 10.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

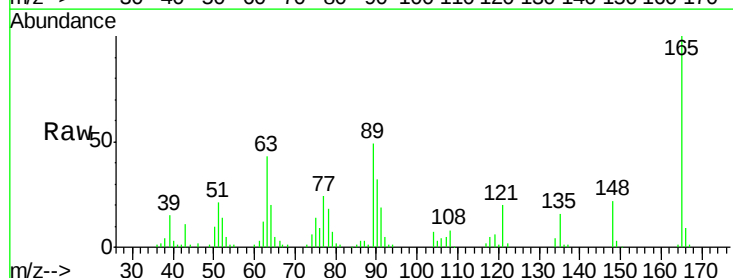
Tgt Ion:165 Resp: 67066

Ion Ratio Lower Upper

165 100

63 43.5 32.3 48.5

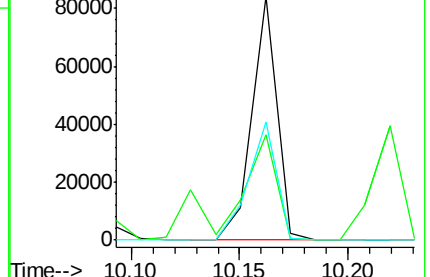
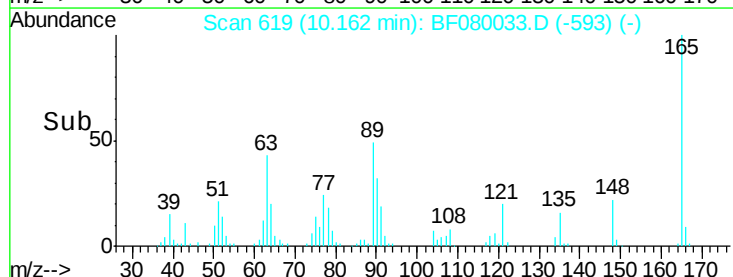
89 48.5 28.6 43.0#

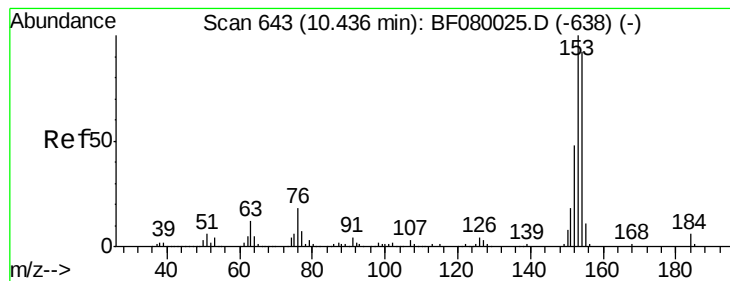


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.04 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

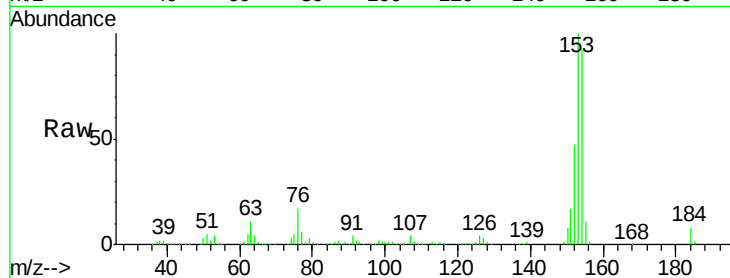
Tgt Ion:154 Resp: 283544

Ion Ratio Lower Upper

154 100

153 108.3 82.1 123.1

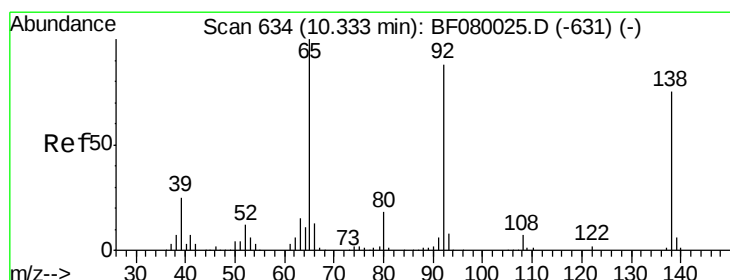
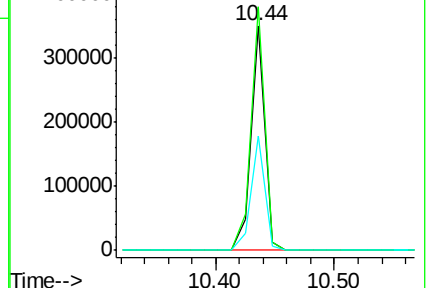
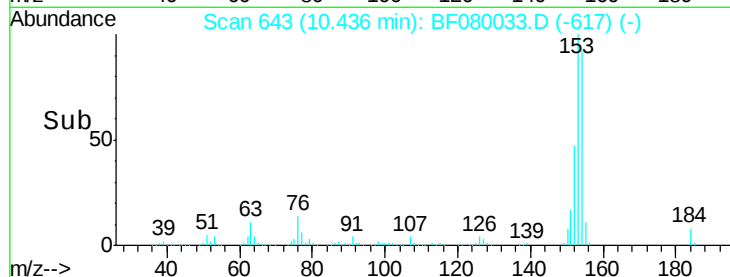
152 50.8 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.46 ng

RT: 10.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

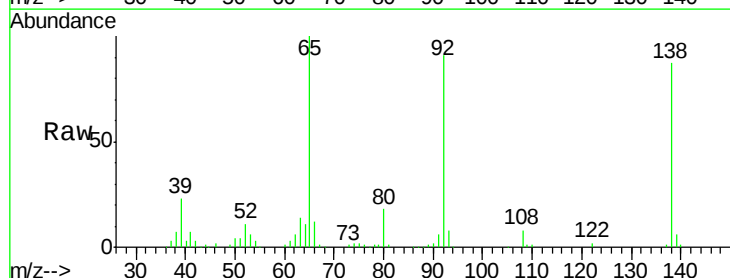
Tgt Ion:138 Resp: 81022

Ion Ratio Lower Upper

138 100

108 9.7 5.7 8.5#

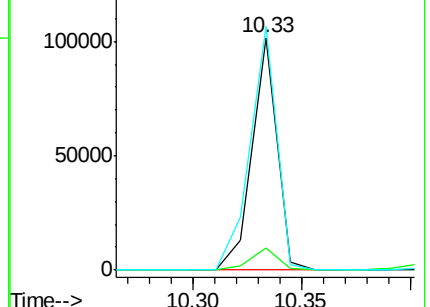
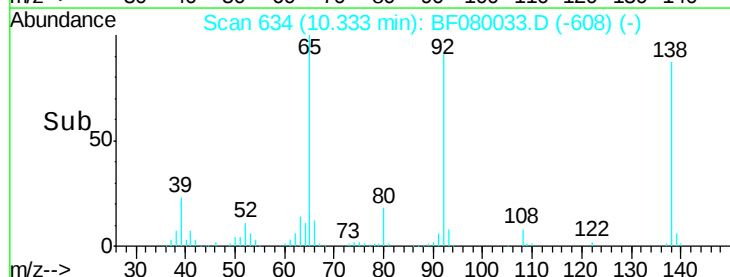
92 104.9 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

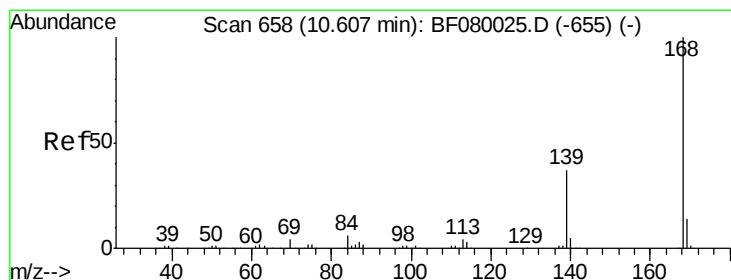
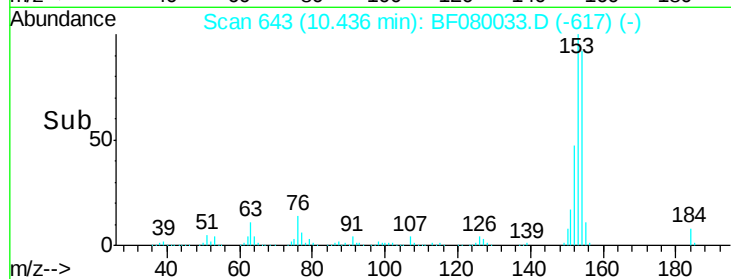
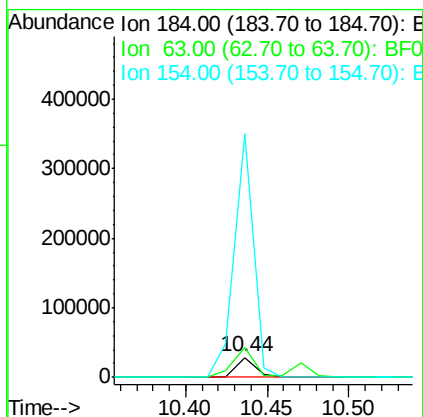
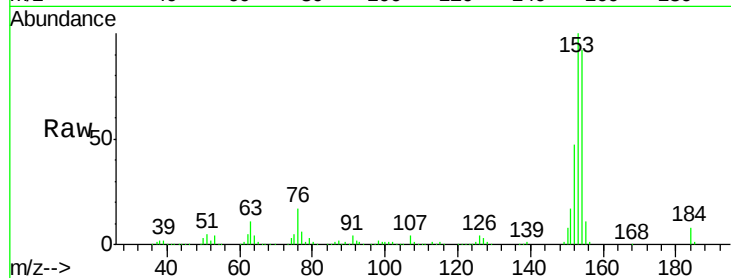




#53  
2,4-Dinitrophenol  
Concen: 41.78 ng  
RT: 10.44 min Scan# 643  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

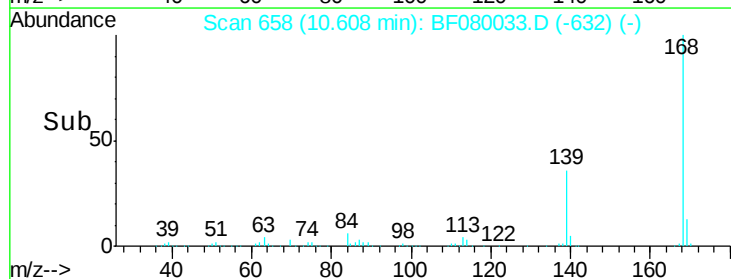
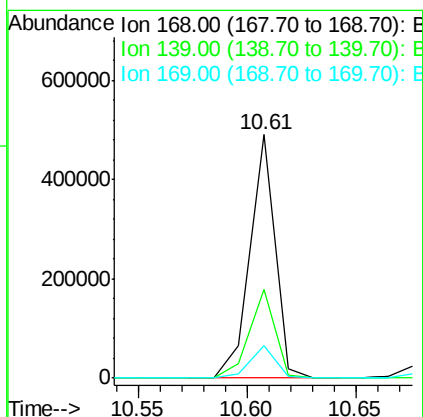
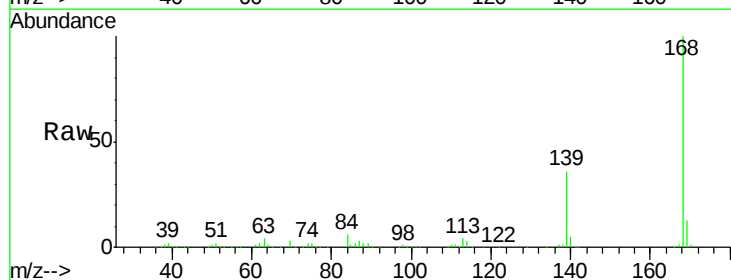
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 24382  
Ion Ratio Lower Upper  
184 100  
63 149.1 35.4 53.2#  
154 1223.7 32.2 48.4#



#54  
Dibenzofuran  
Concen: 40.24 ng  
RT: 10.61 min Scan# 658  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Tgt Ion:168 Resp: 394480  
Ion Ratio Lower Upper  
168 100  
139 36.4 24.2 36.2#  
169 13.4 10.6 15.8

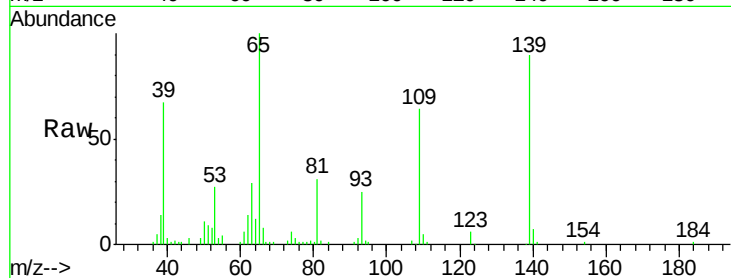




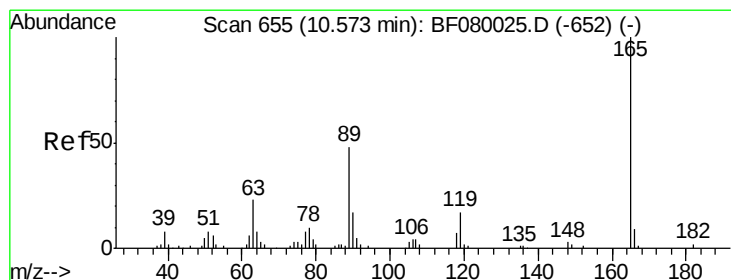
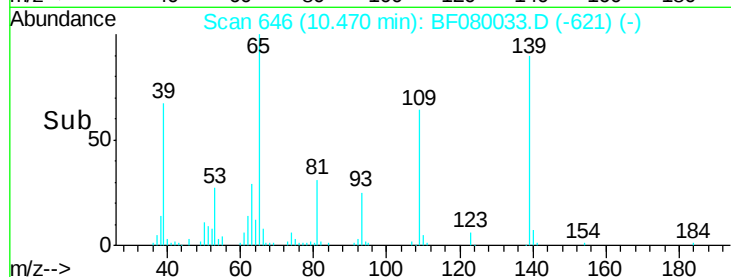
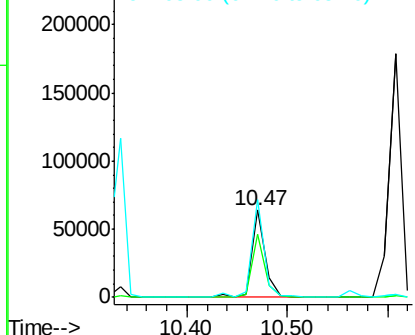
#55  
4-Nitrophenol  
Concen: 41.60 ng  
RT: 10.47 min Scan# 646  
Delta R.T. -0.01 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:139 Resp: 59257  
Ion Ratio Lower Upper  
139 100  
109 71.8 12.7 52.7#  
65 111.4 45.9 85.9#

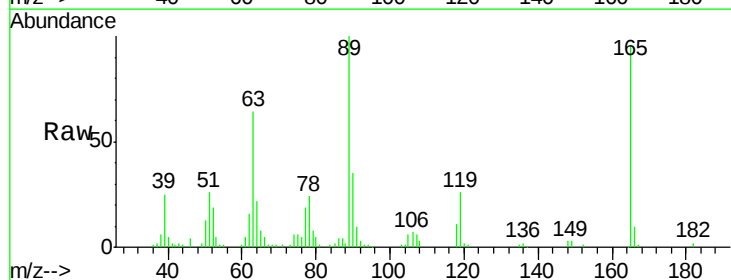


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

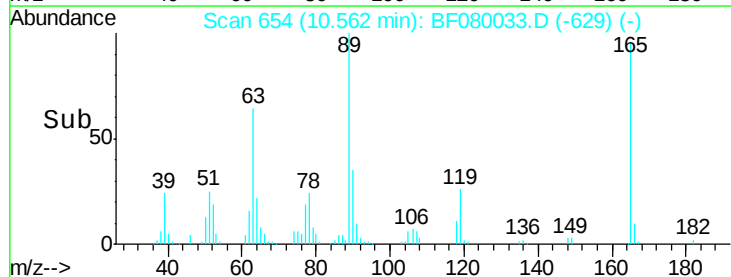
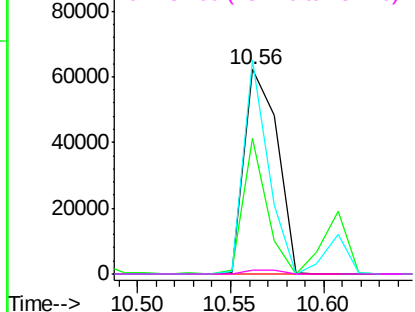


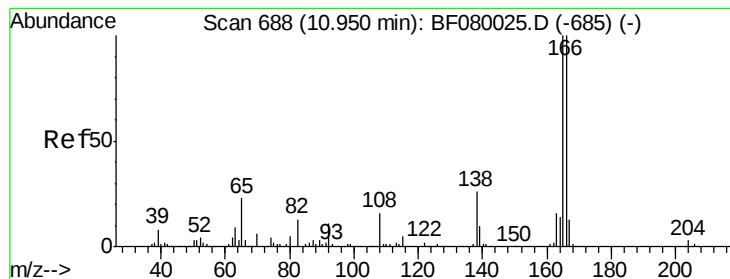
#56  
2,4-Dinitrotoluene  
Concen: 38.96 ng  
RT: 10.56 min Scan# 654  
Delta R.T. -0.01 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Tgt Ion:165 Resp: 76380  
Ion Ratio Lower Upper  
165 100  
63 66.6 29.8 44.6#  
89 104.5 44.5 66.7#  
182 1.9 3.0 4.4#



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





#57

Fluorene

Concen: 41.09 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

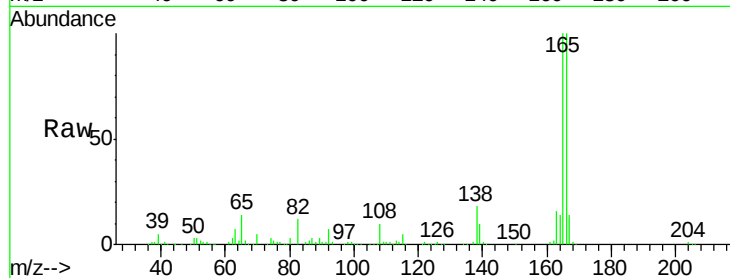
Tgt Ion:166 Resp: 319618

Ion Ratio Lower Upper

166 100

165 99.8 72.6 109.0

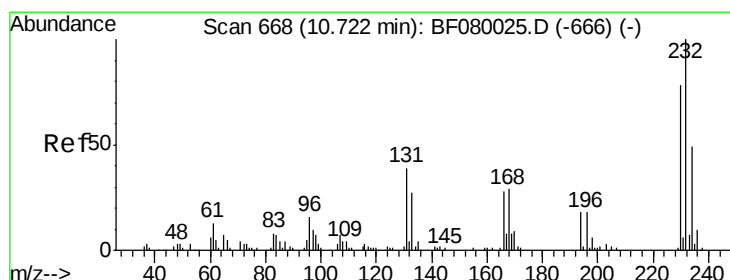
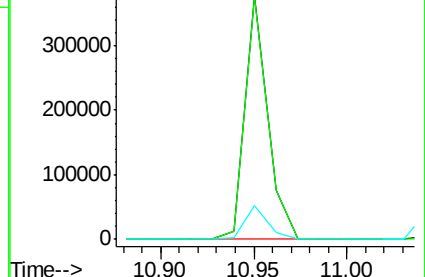
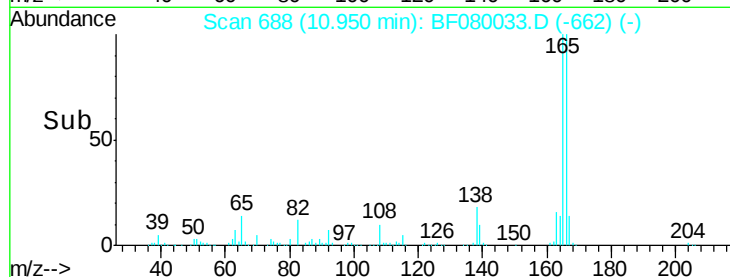
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.48 ng

RT: 10.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Tgt Ion:232 Resp: 81878

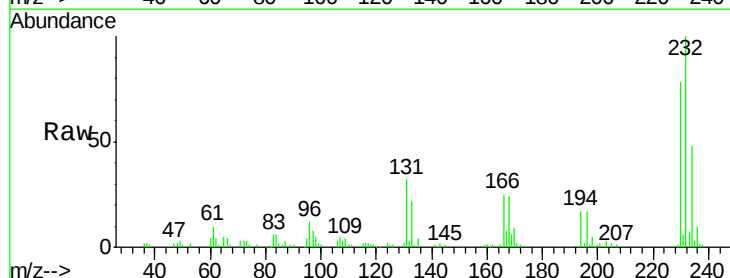
Ion Ratio Lower Upper

232 100

131 40.7 38.5 57.7

130 2.0 1.8 2.6

166 27.8 25.0 37.6

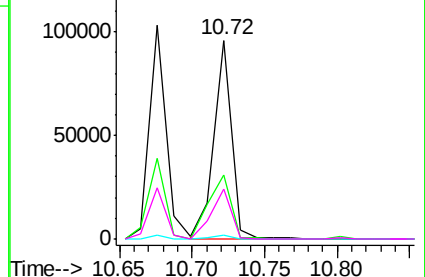
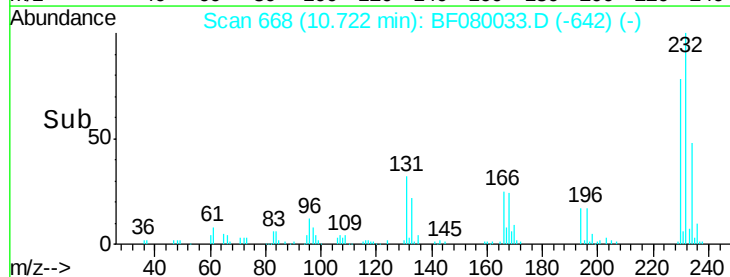


Abundance Ion 232.00 (231.70 to 232.70): E

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

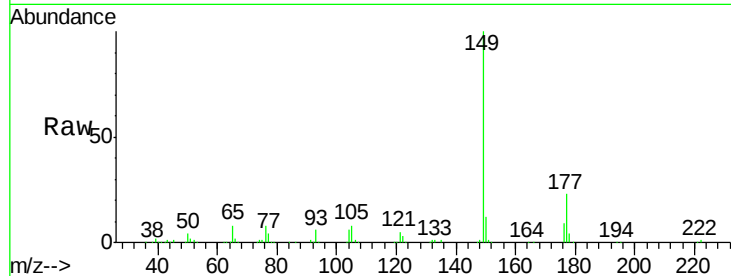




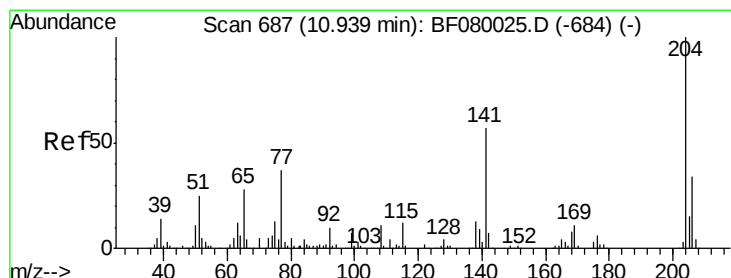
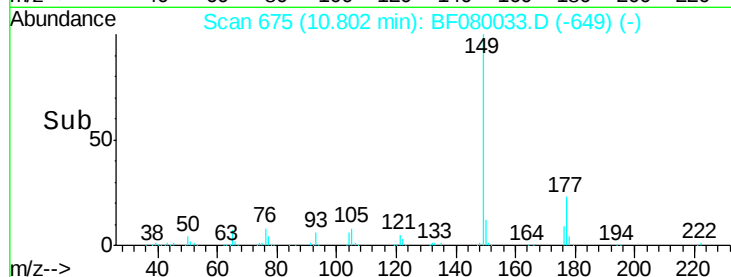
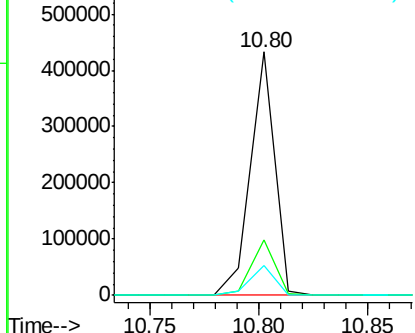
#59  
Diethylphthalate  
Concen: 43.22 ng  
RT: 10.80 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:149 Resp: 335321  
Ion Ratio Lower Upper  
149 100  
177 22.5 17.5 26.3  
150 12.3 9.4 14.2

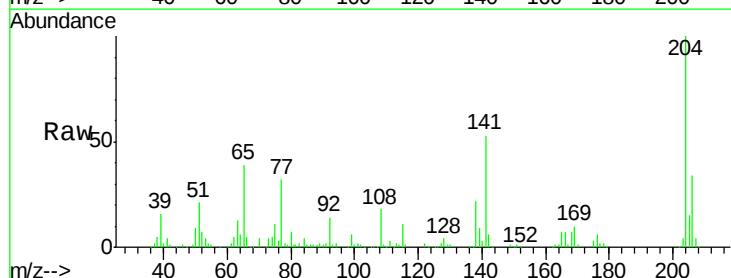


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

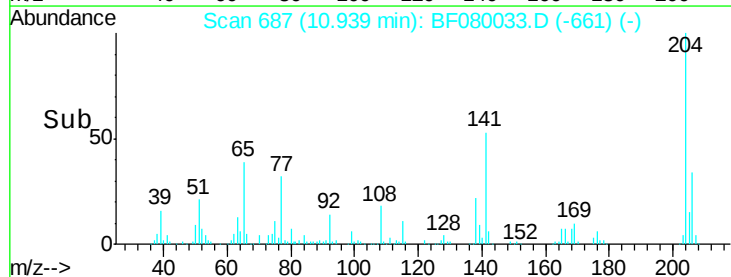
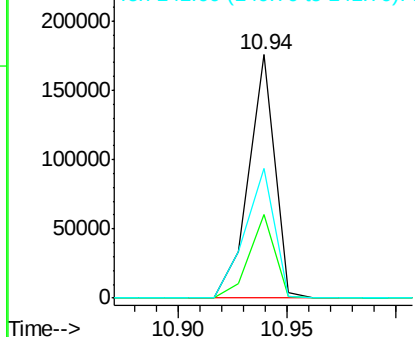


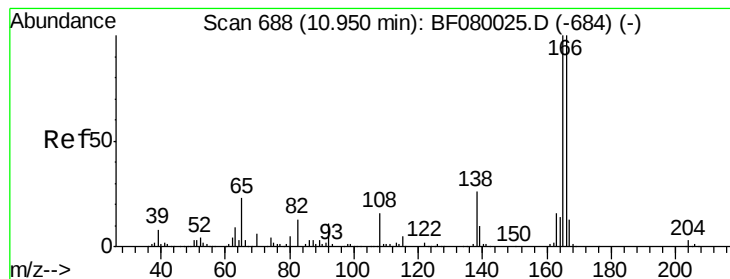
#60  
4-Chlorophenyl-phenylether  
Concen: 39.09 ng  
RT: 10.94 min Scan# 687  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Tgt Ion:204 Resp: 146137  
Ion Ratio Lower Upper  
204 100  
206 34.1 24.8 37.2  
141 53.1 42.2 63.4



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.59 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

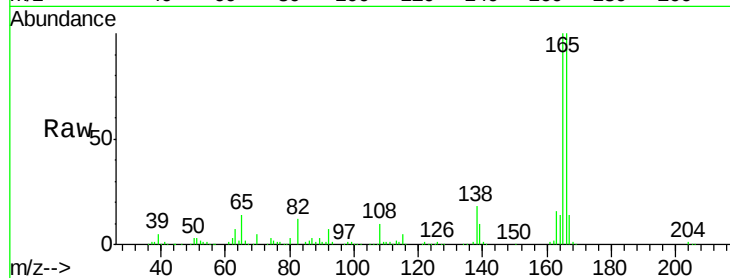
Tgt Ion:138 Resp: 74724

Ion Ratio Lower Upper

138 100

92 37.2 12.6 52.6

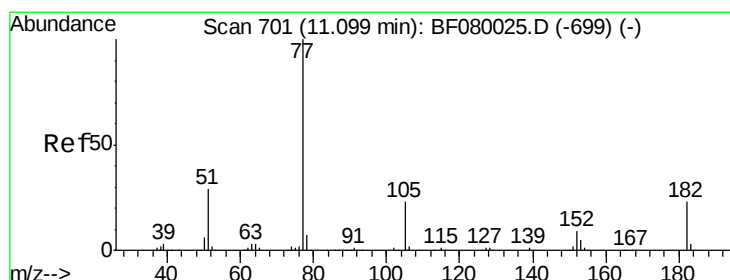
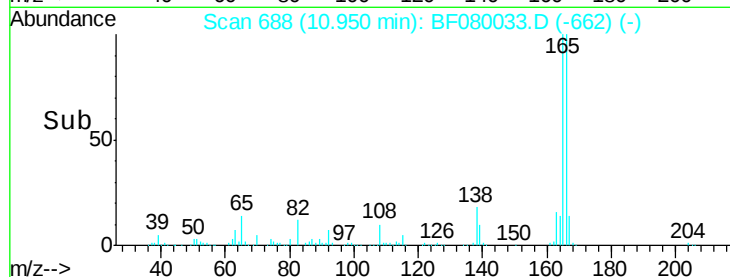
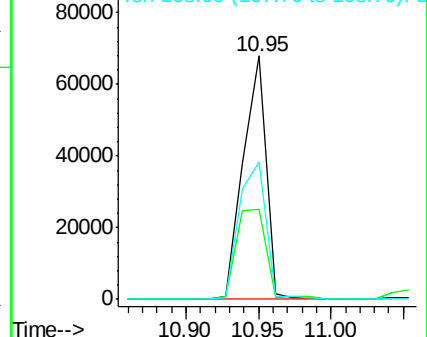
108 56.3 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.49 ng

RT: 11.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Tgt Ion: 77 Resp: 311909

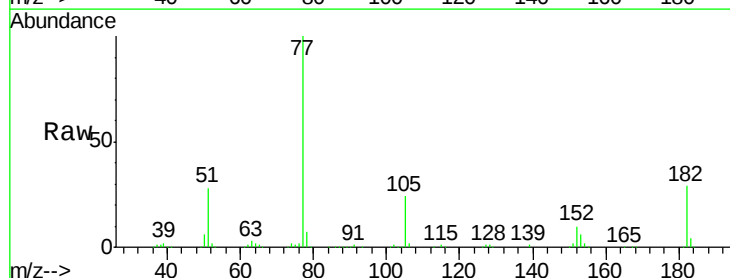
Ion Ratio Lower Upper

77 100

182 29.0 15.1 55.1

105 24.4 3.4 43.4

51 27.6 12.0 52.0

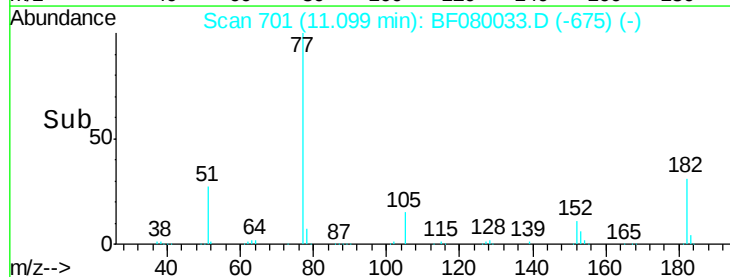
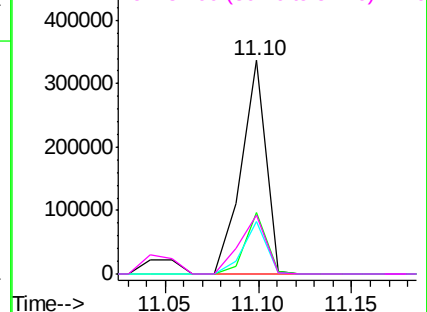


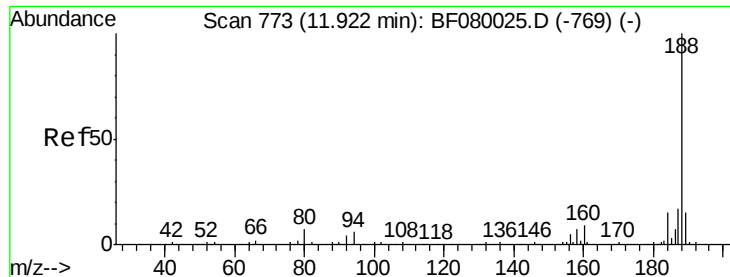
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

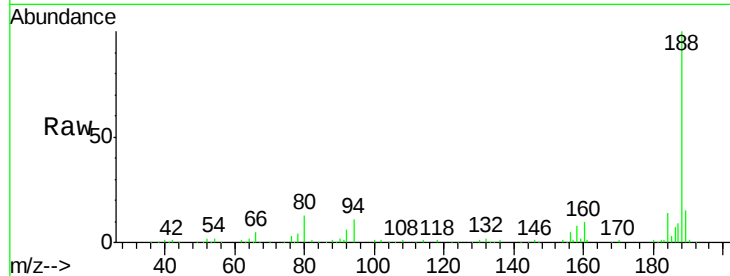




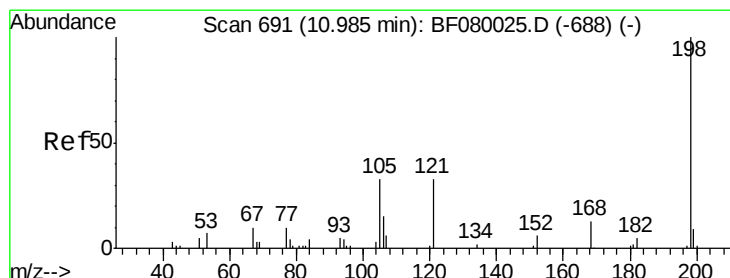
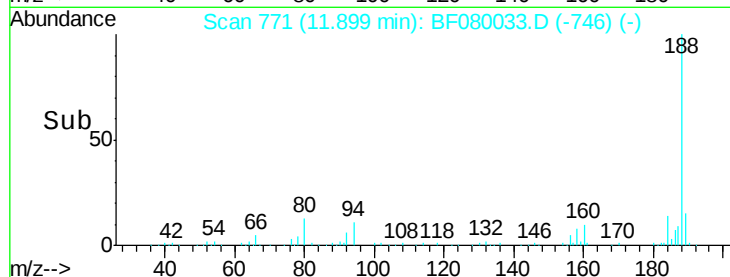
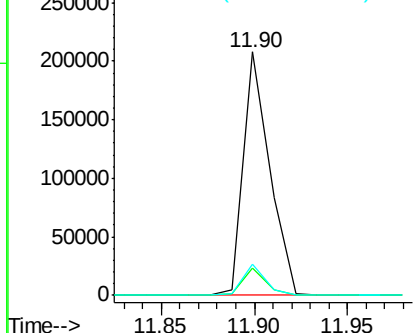
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.90 min Scan# 771  
Delta R.T. -0.01 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:188 Resp: 204156  
Ion Ratio Lower Upper  
188 100  
94 11.0 11.1 16.7#  
80 12.6 11.0 16.4

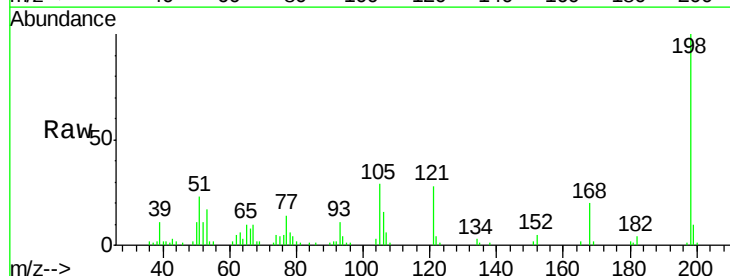


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

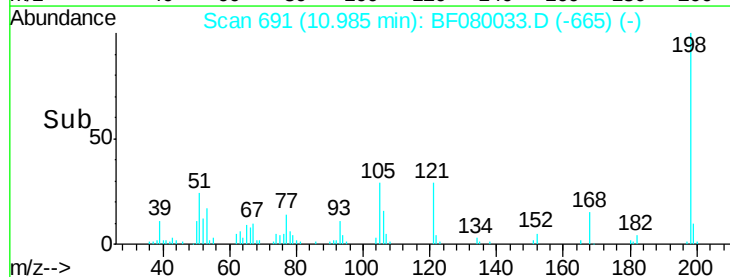
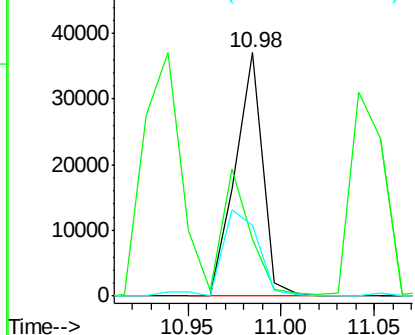


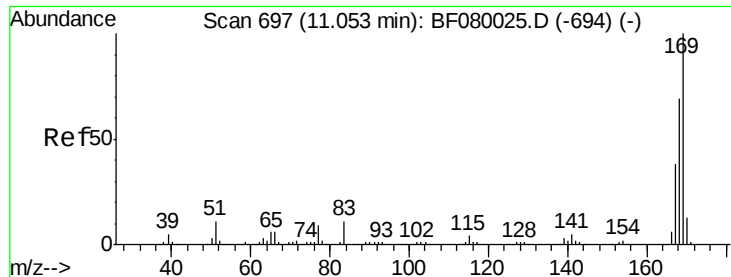
#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.72 ng  
RT: 10.98 min Scan# 691  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Tgt Ion:198 Resp: 38086  
Ion Ratio Lower Upper  
198 100  
51 23.3 39.6 79.6#  
105 29.0 28.5 68.5



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

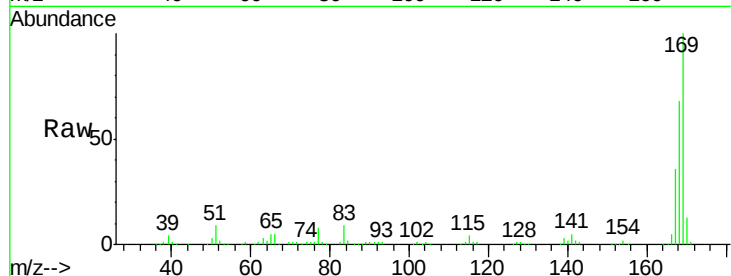




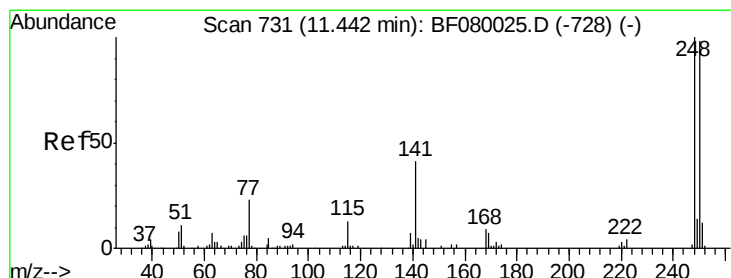
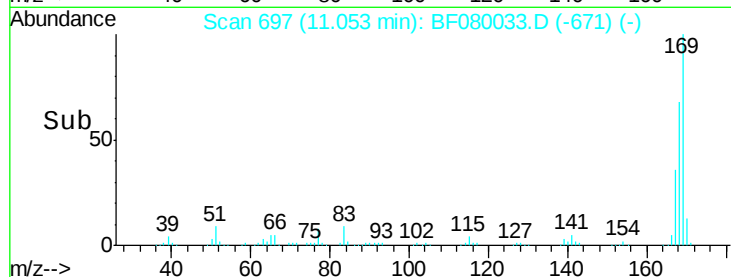
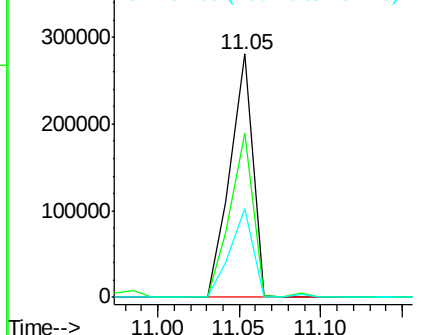
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.63 ng  
 RT: 11.05 min Scan# 697  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:169 Resp: 270077  
 Ion Ratio Lower Upper  
 169 100  
 168 67.7 48.9 73.3  
 167 36.4 26.2 39.4

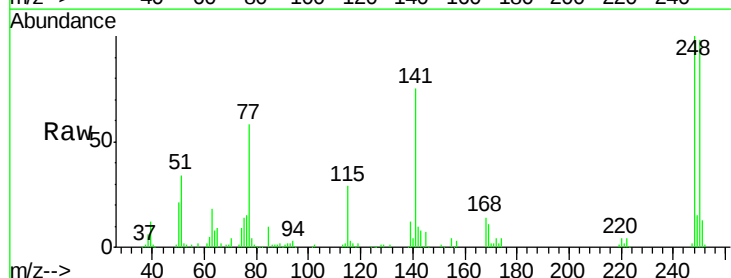


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

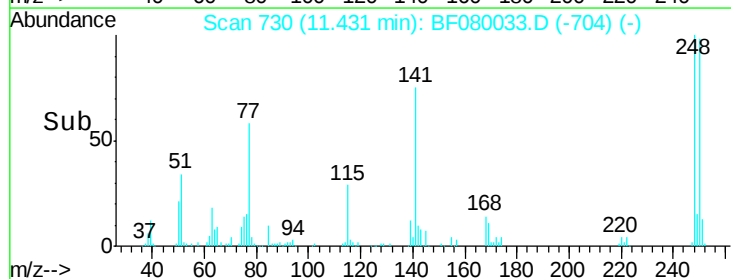
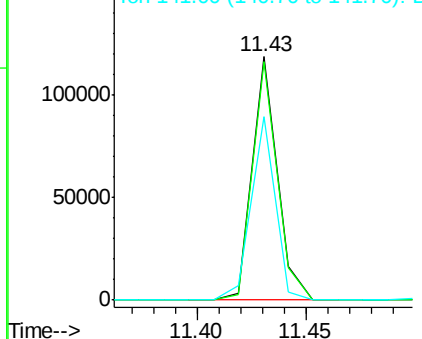


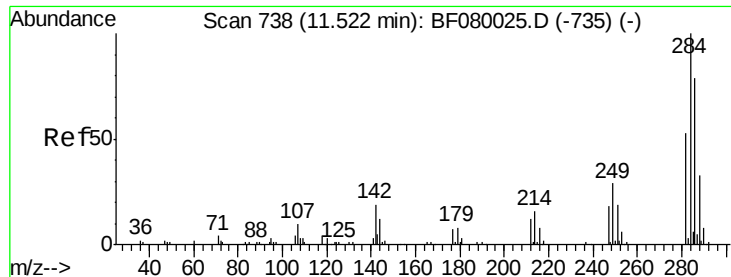
#66  
 4-Bromophenyl-phenylether  
 Concen: 43.65 ng  
 RT: 11.43 min Scan# 730  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Tgt Ion:248 Resp: 94763  
 Ion Ratio Lower Upper  
 248 100  
 250 98.2 78.5 117.7  
 141 75.3 59.0 88.6



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

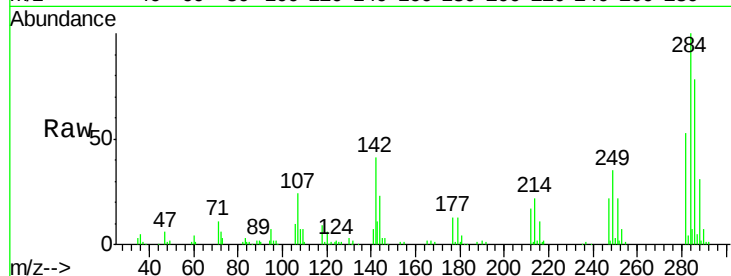




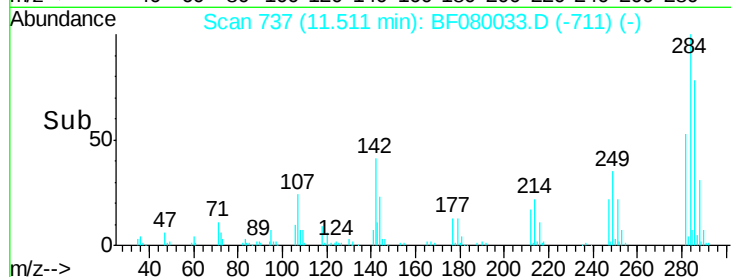
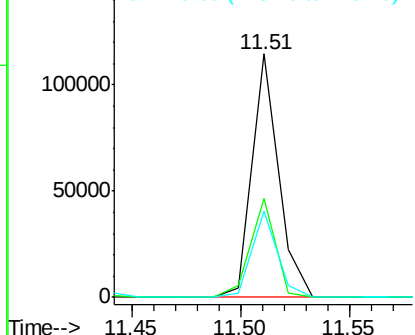
#67  
Hexachlorobenzene  
Concen: 40.24 ng  
RT: 11.51 min Scan# 737  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:284 Resp: 97090  
Ion Ratio Lower Upper  
284 100  
142 40.7 29.5 44.3  
249 35.2 19.5 29.3#

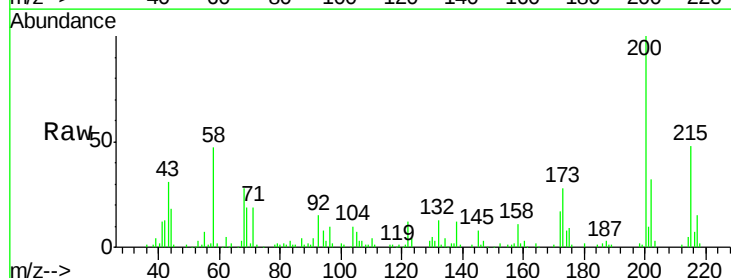


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

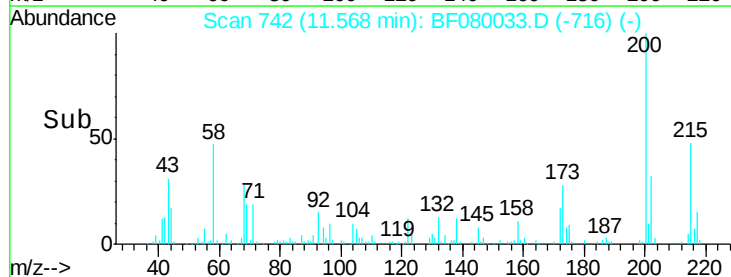
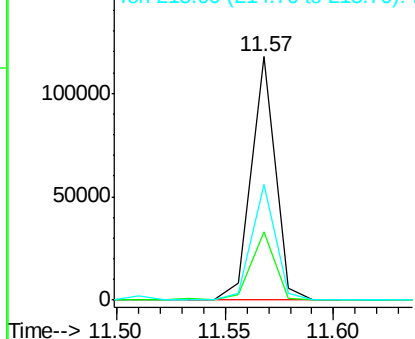


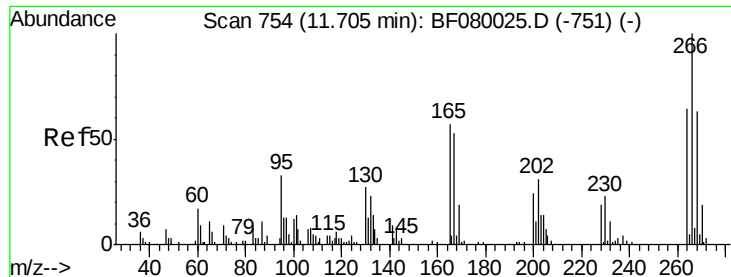
#68  
Atrazine  
Concen: 43.05 ng  
RT: 11.57 min Scan# 742  
Delta R.T. 0.00 min  
Lab File: BF080033.D  
Acq: 17 Jun 2015 20:03

Tgt Ion:200 Resp: 90420  
Ion Ratio Lower Upper  
200 100  
173 27.9 13.2 53.2  
215 47.5 41.8 81.8



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

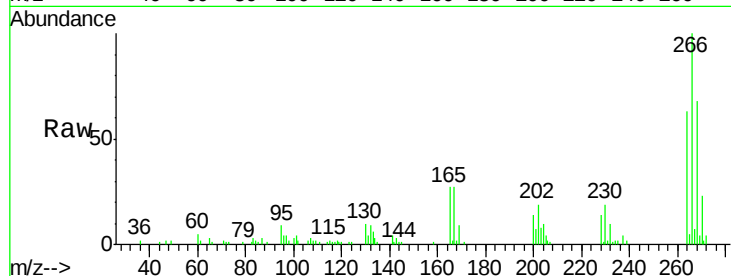




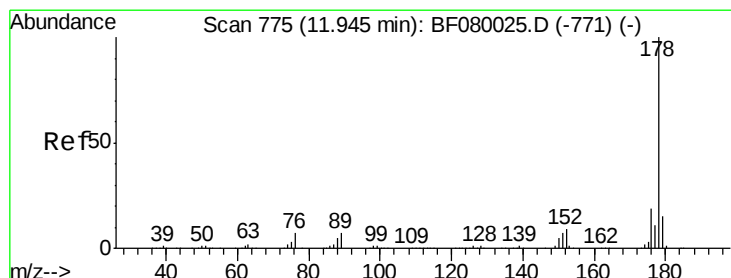
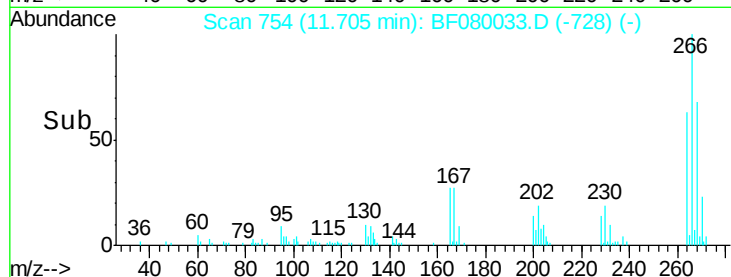
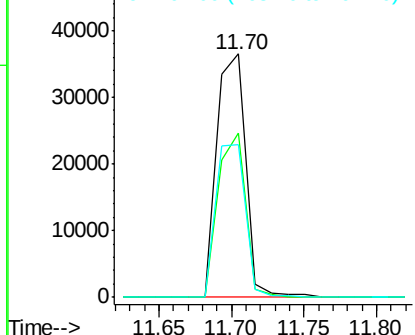
#69  
 Pentachlorophenol  
 Concen: 36.77 ng  
 RT: 11.70 min Scan# 754  
 Delta R.T. 0.00 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:266 Resp: 50274  
 Ion Ratio Lower Upper  
 266 100  
 268 67.7 49.8 74.6  
 264 62.7 50.2 75.2

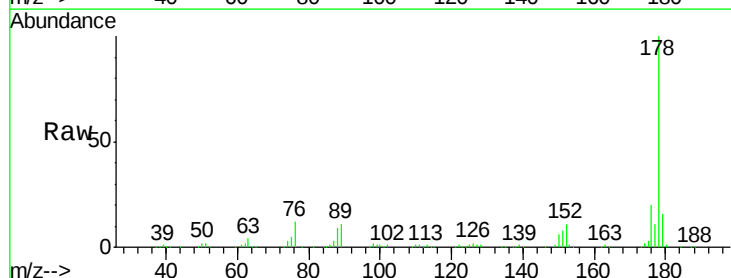


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

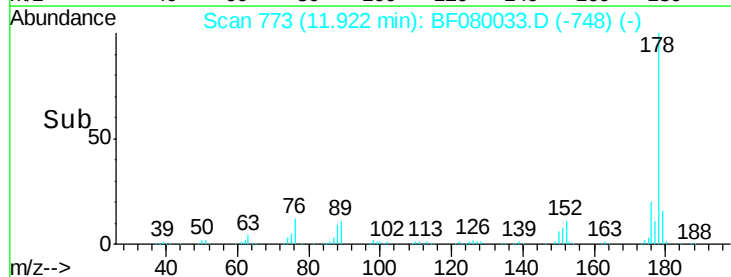
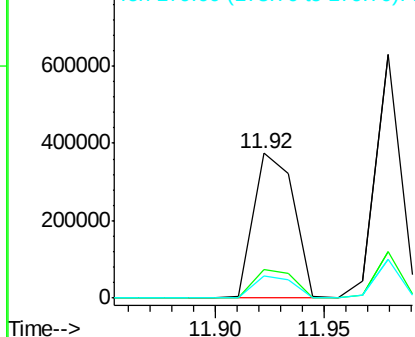


#70  
 Phenanthrene  
 Concen: 39.05 ng  
 RT: 11.92 min Scan# 773  
 Delta R.T. -0.01 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Tgt Ion:178 Resp: 482598  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 13.8 20.8  
 179 15.6 12.2 18.2



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

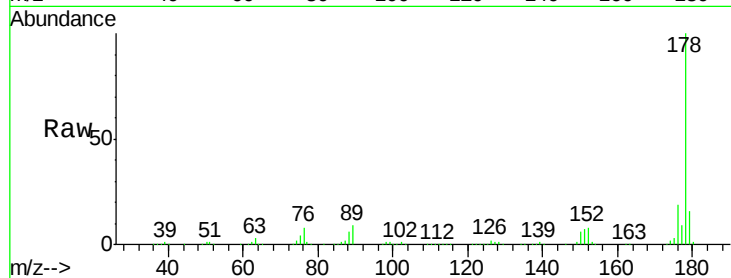




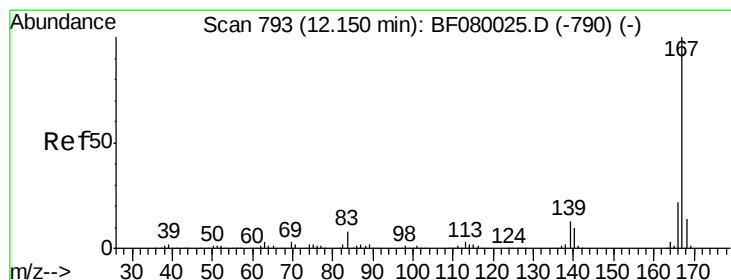
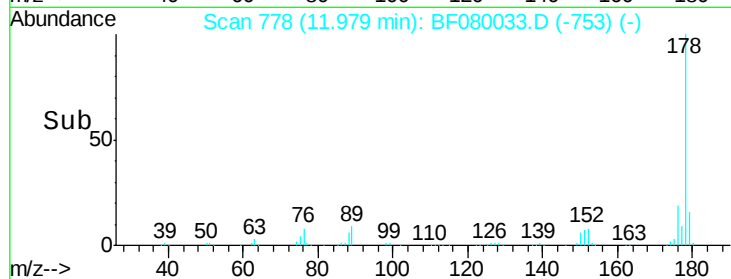
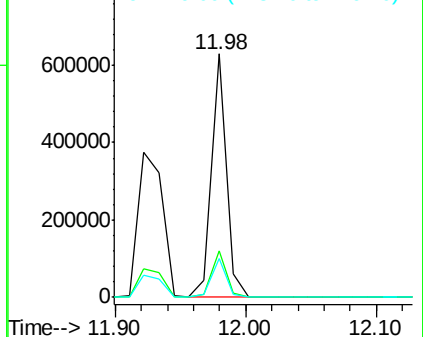
#71  
 Anthracene  
 Concen: 42.74 ng  
 RT: 11.98 min Scan# 778  
 Delta R.T. -0.01 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:178 Resp: 508593  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 14.1 21.1  
 179 15.8 12.2 18.2

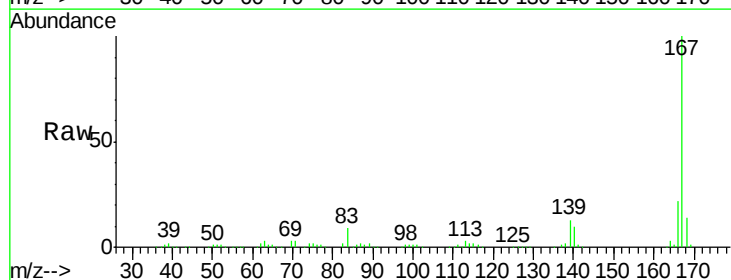


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

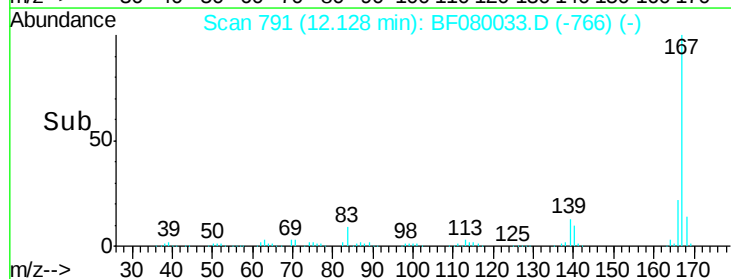
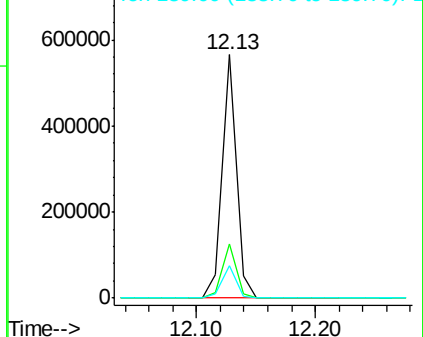


#72  
 Carbazole  
 Concen: 40.90 ng  
 RT: 12.13 min Scan# 791  
 Delta R.T. -0.01 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Tgt Ion:167 Resp: 464683  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 15.7 23.5  
 139 13.3 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 38.44 ng

RT: 12.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

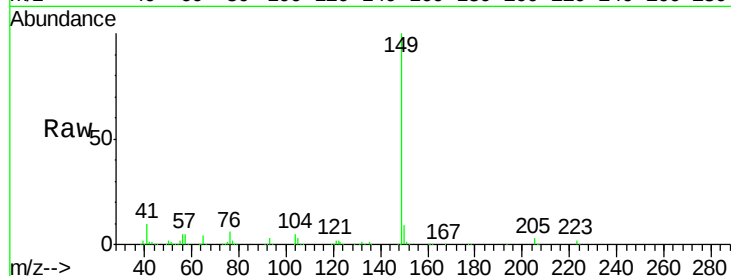
Tgt Ion:149 Resp: 504665

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

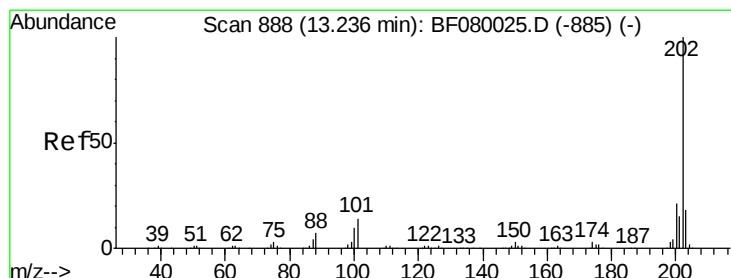
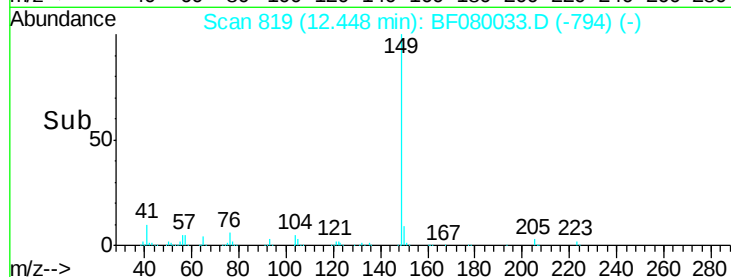
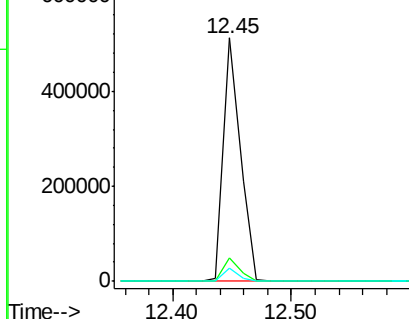
104 5.5 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.34 ng

RT: 13.17 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

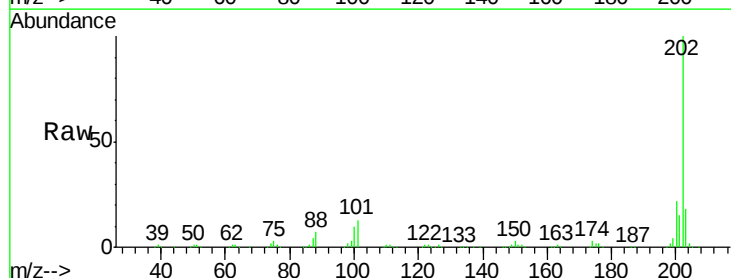
Tgt Ion:202 Resp: 531003

Ion Ratio Lower Upper

202 100

101 13.0 0.0 38.3

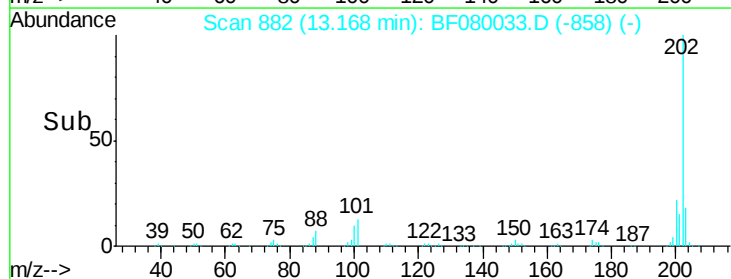
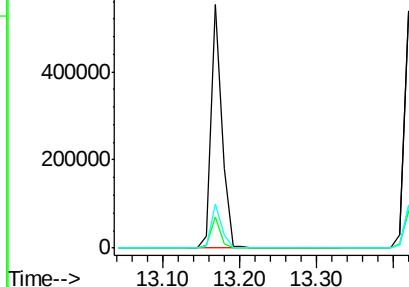
203 17.9 0.0 37.3

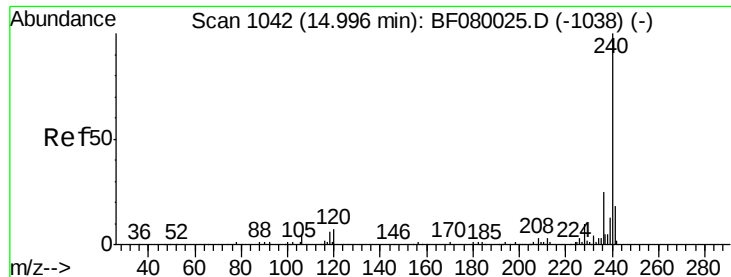


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

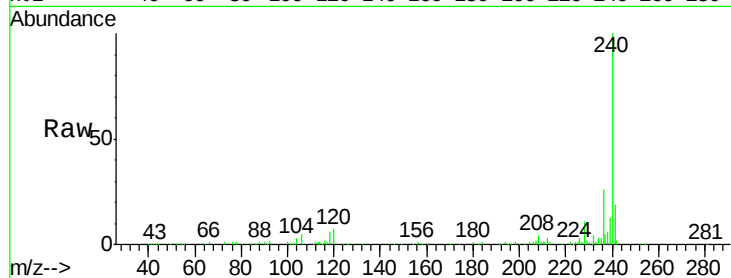
Tgt Ion:240 Resp: 227544

Ion Ratio Lower Upper

240 100

120 6.7 16.2 24.2#

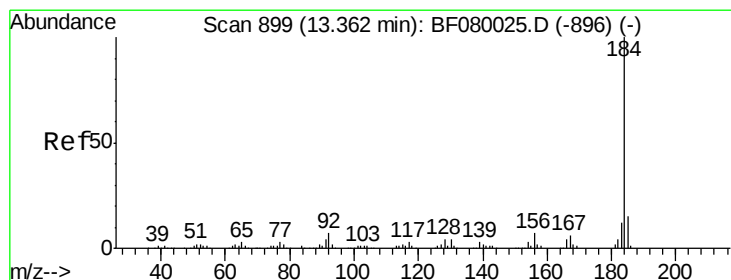
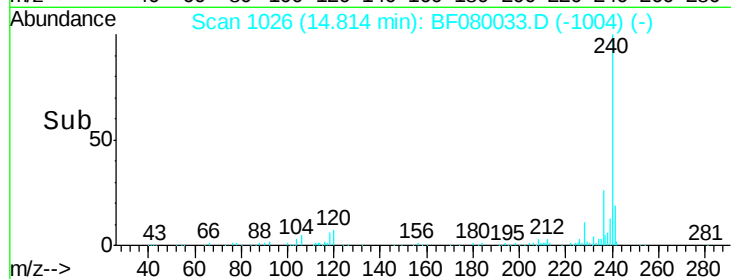
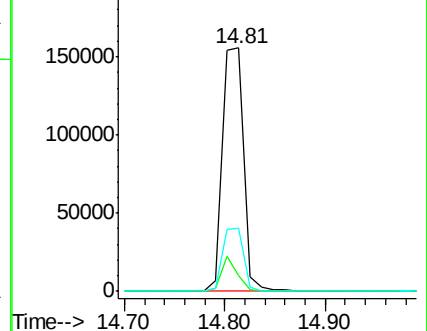
236 25.7 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.57 ng

RT: 13.28 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

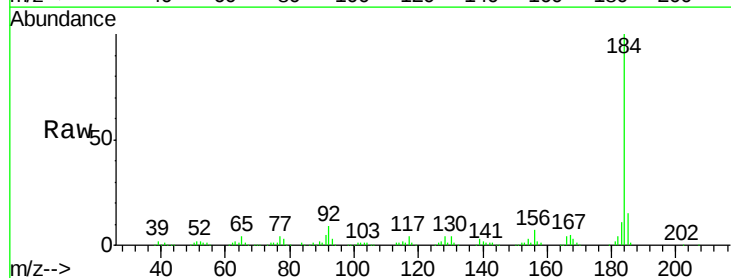
Tgt Ion:184 Resp: 264402

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

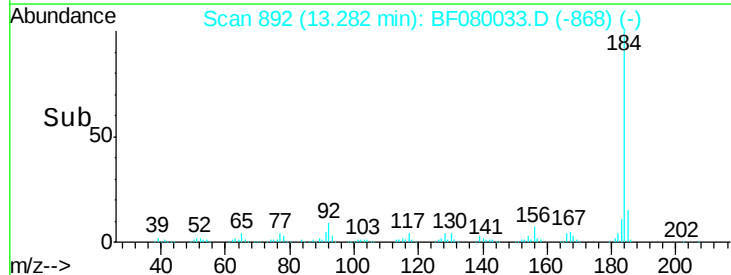
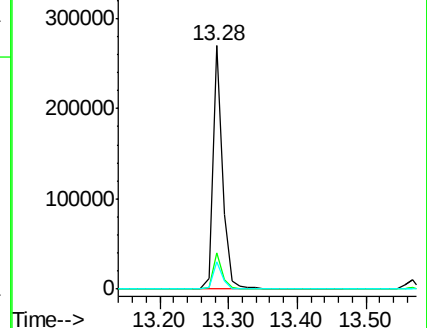
183 11.3 7.6 11.4

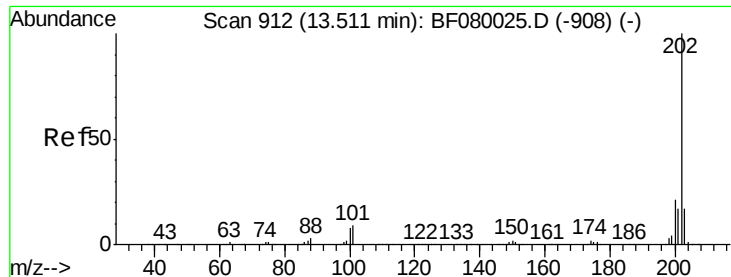


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

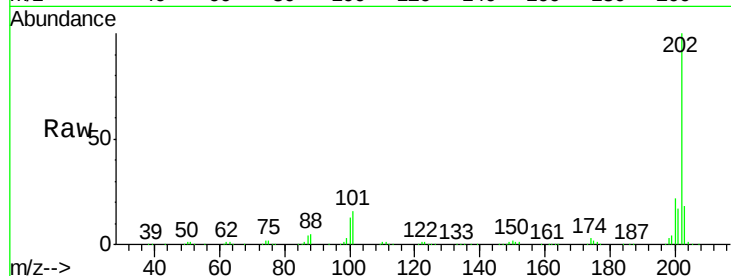




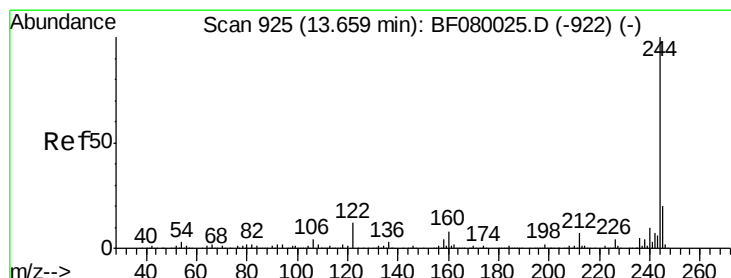
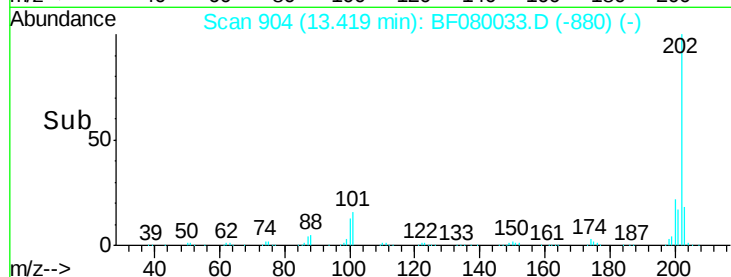
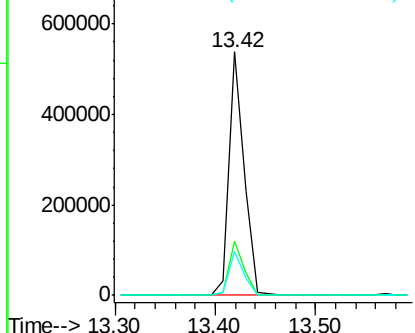
#77  
 Pyrene  
 Concen: 39.83 ng  
 RT: 13.42 min Scan# 904  
 Delta R.T. -0.02 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 202 Resp: 558018  
 Ion Ratio Lower Upper  
 202 100  
 200 22.1 15.0 22.4  
 203 17.9 14.1 21.1

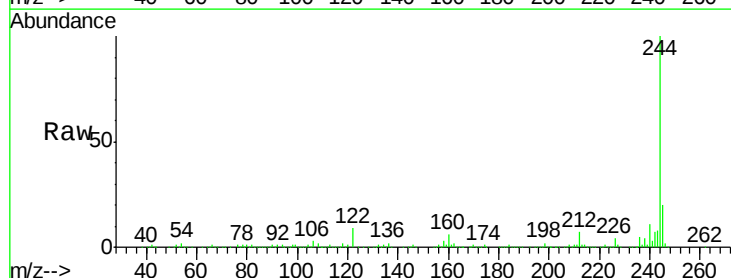


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

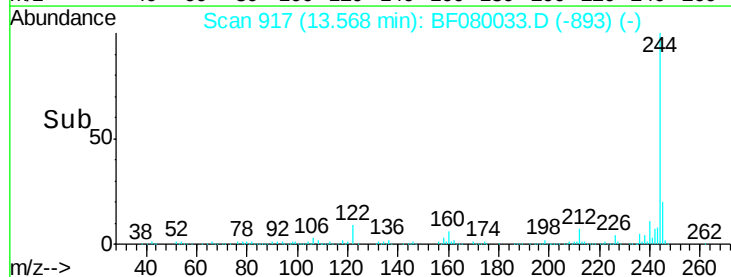
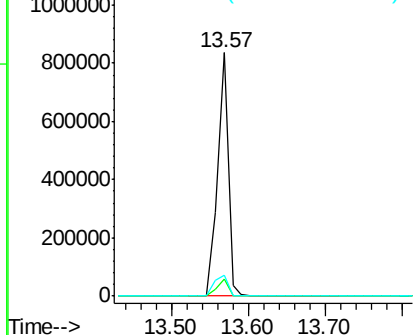


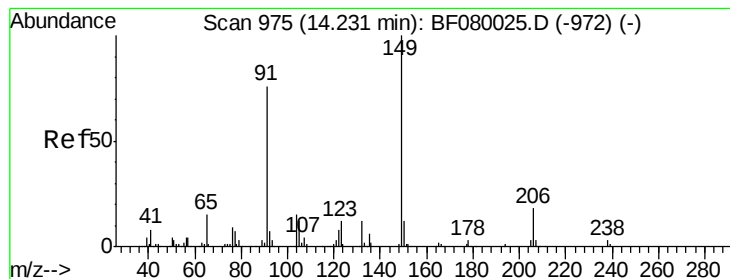
#78  
 Terphenyl-d14  
 Concen: 82.73 ng  
 RT: 13.57 min Scan# 917  
 Delta R.T. -0.02 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

Tgt Ion: 244 Resp: 805991  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 4.3 6.5#  
 122 8.5 17.4 26.2#



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





#79

Butylbenzylphthalate

Concen: 42.19 ng

RT: 14.09 min Scan# 963

Delta R.T. -0.05 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

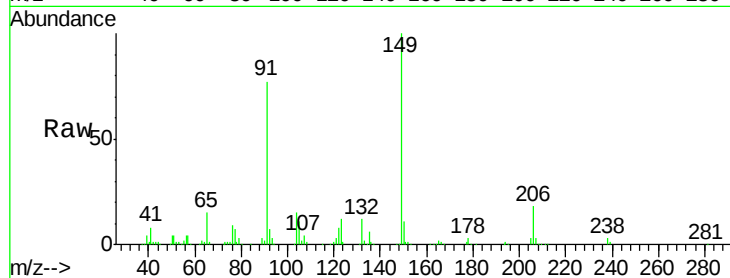
Tgt Ion:149 Resp: 237355

Ion Ratio Lower Upper

149 100

91 77.0 48.6 72.8#

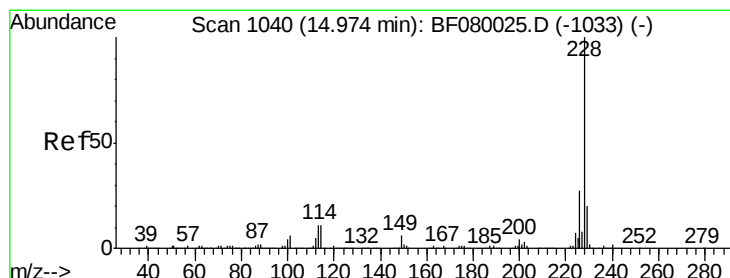
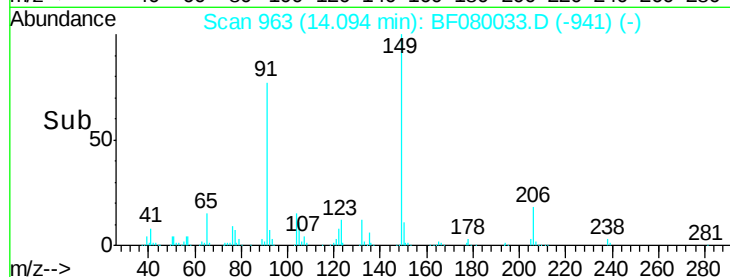
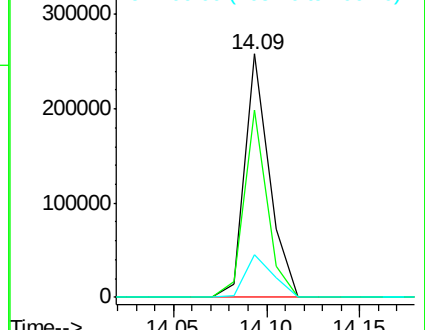
206 17.8 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.18 ng

RT: 14.79 min Scan# 1024

Delta R.T. -0.06 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

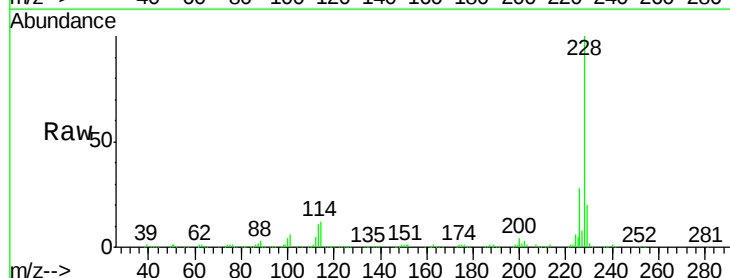
Tgt Ion:228 Resp: 570893

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

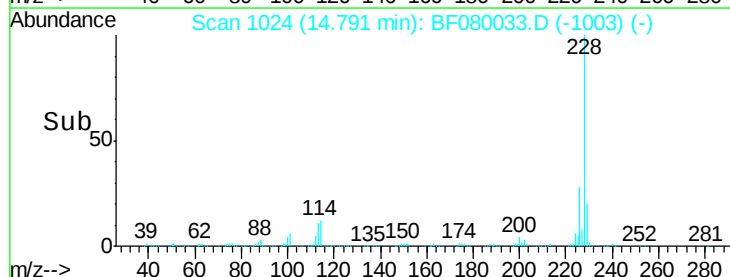
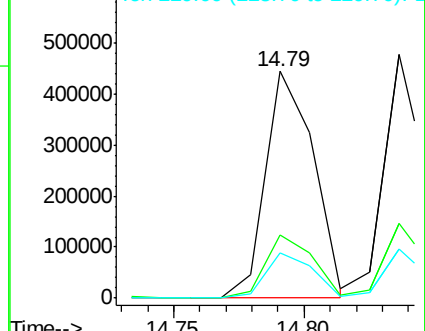
229 19.9 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

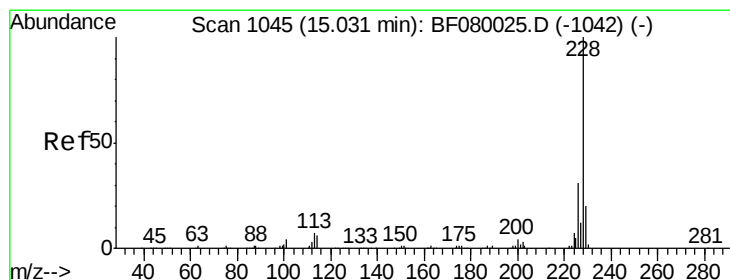
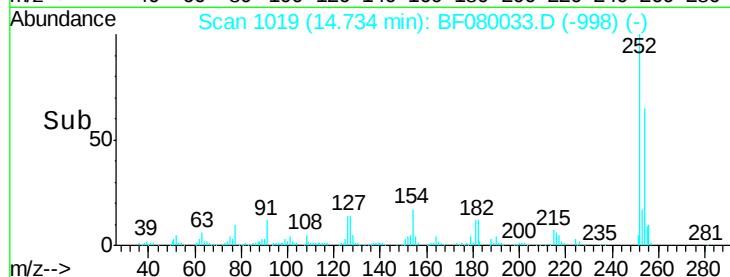
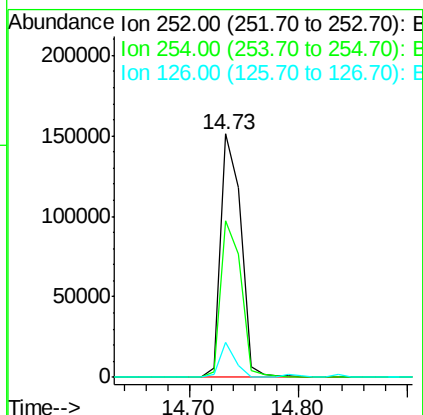
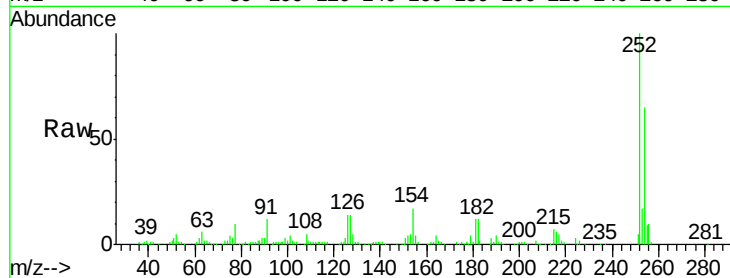




#81  
 3,3'-Dichlorobenzidine  
 Concen: 41.08 ng  
 RT: 14.73 min Scan# 1019  
 Delta R.T. -0.06 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

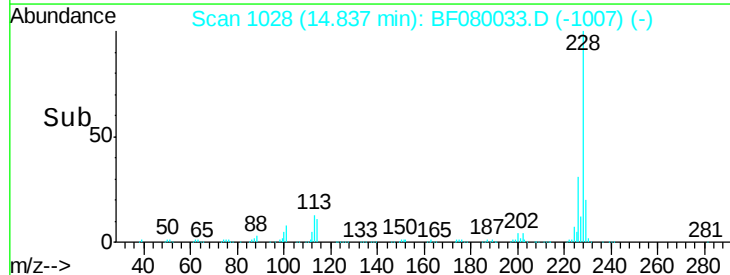
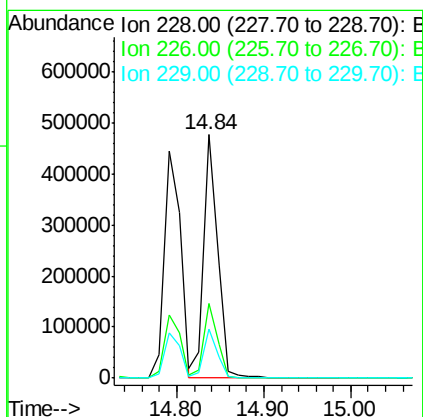
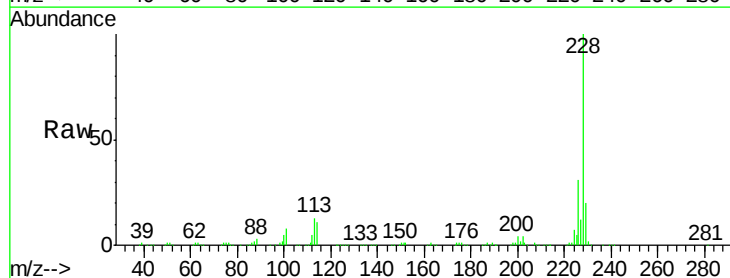
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.5  | 51.4  | 77.2  |
| 126     | 14.4  | 16.4  | 24.6# |



#82  
 Chrysene  
 Concen: 41.60 ng  
 RT: 14.84 min Scan# 1028  
 Delta R.T. -0.06 min  
 Lab File: BF080033.D  
 Acq: 17 Jun 2015 20:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 21.0  | 31.4  |
| 229     | 20.3  | 15.6  | 23.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.44 ng

RT: 14.77 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

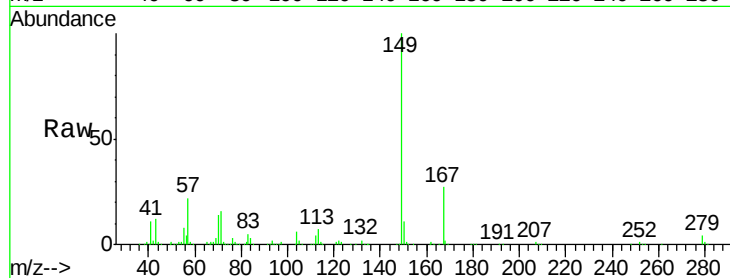
Tgt Ion:149 Resp: 377344

Ion Ratio Lower Upper

149 100

167 27.1 24.2 36.2

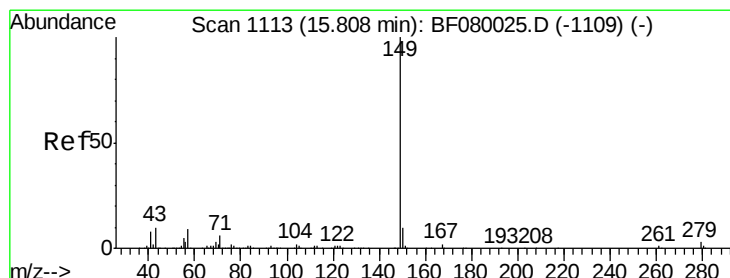
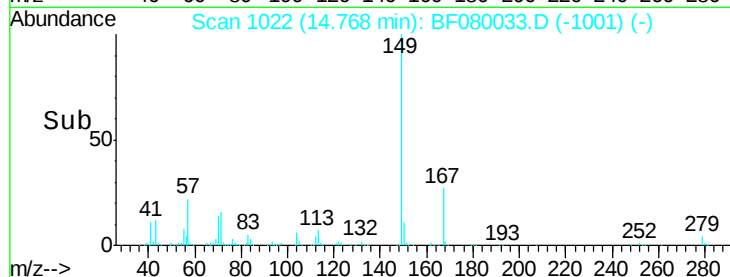
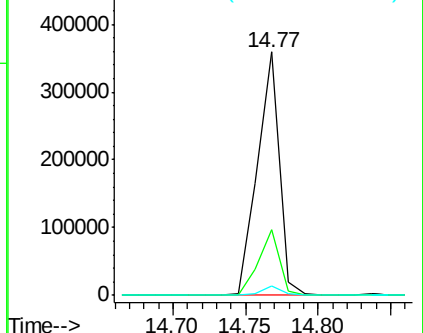
279 3.9 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.51 ng

RT: 15.55 min Scan# 1090

Delta R.T. -0.09 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

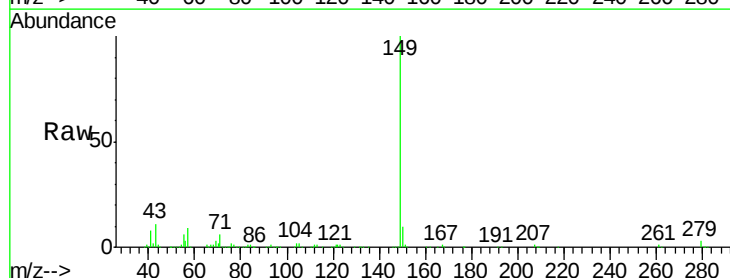
Tgt Ion:149 Resp: 632409

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

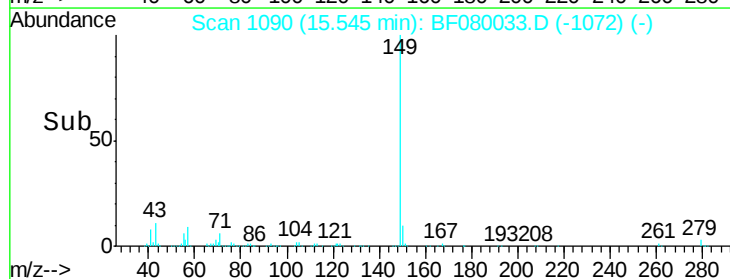
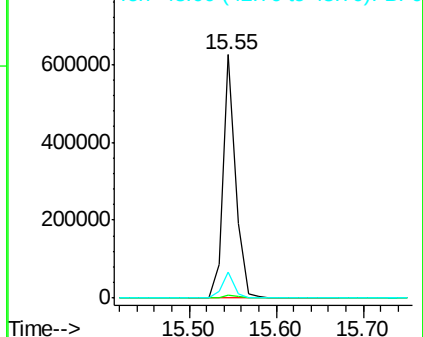
43 11.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.42 ng

RT: 18.51 min Scan# 1349

Delta R.T. -0.11 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

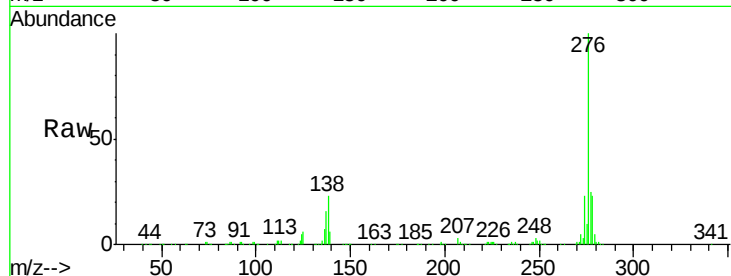
Tgt Ion:276 Resp: 683802

Ion Ratio Lower Upper

276 100

138 25.0 25.7 38.5#

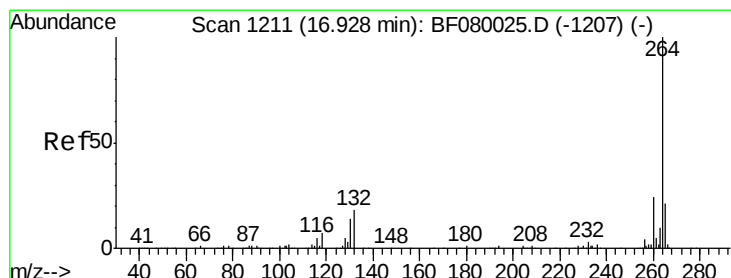
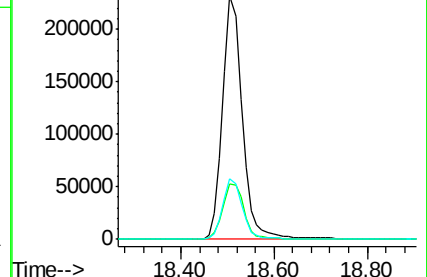
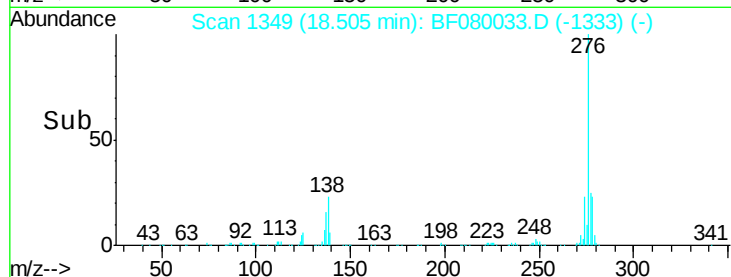
277 25.1 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.65 min Scan# 1187

Delta R.T. -0.09 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

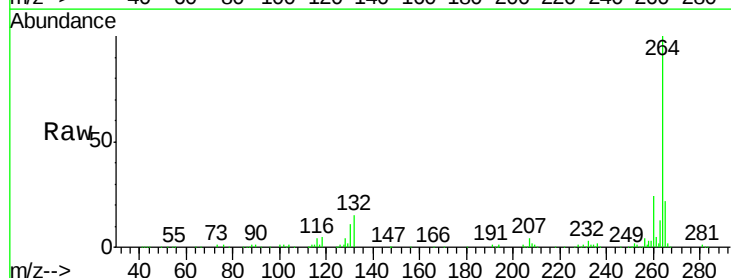
Tgt Ion:264 Resp: 235003

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

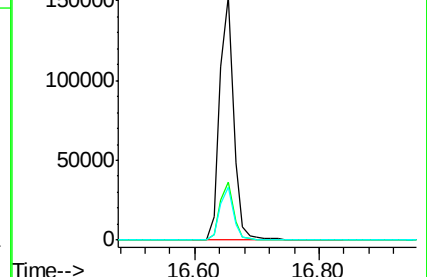
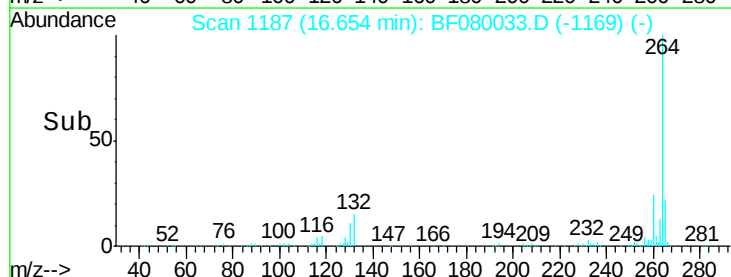
265 21.6 17.2 25.8

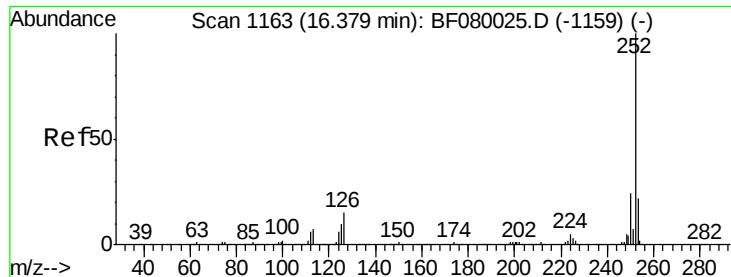


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.95 ng

RT: 16.12 min Scan# 1140

Delta R.T. -0.09 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

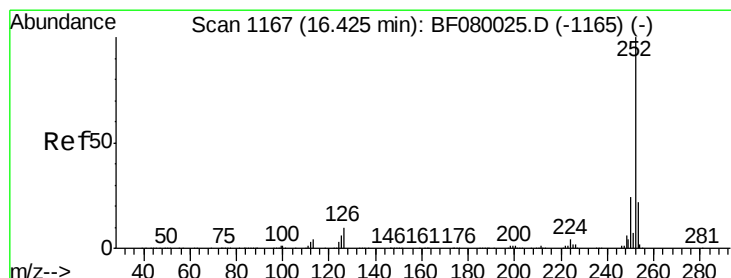
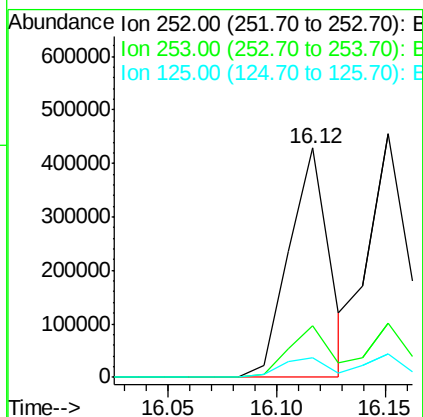
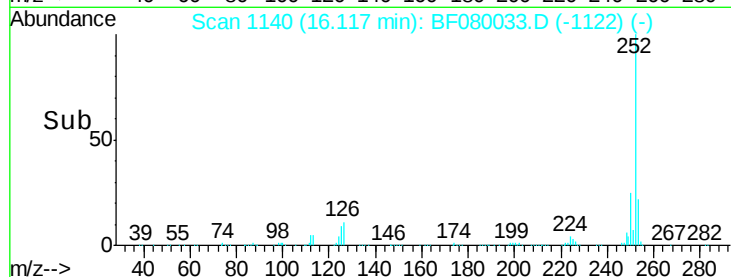
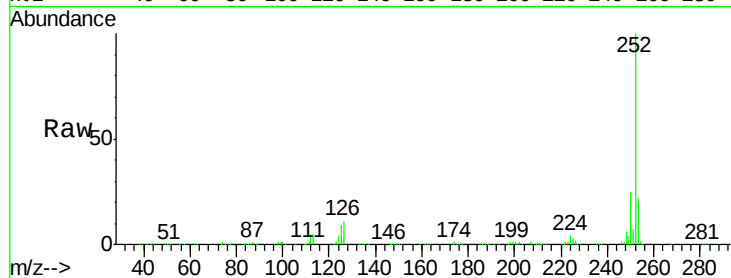
Tgt Ion:252 Resp: 554221

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 8.5 17.1 25.7#



#88

Benzo(k)fluoranthene

Concen: 33.00 ng

RT: 16.15 min Scan# 1143

Delta R.T. -0.09 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

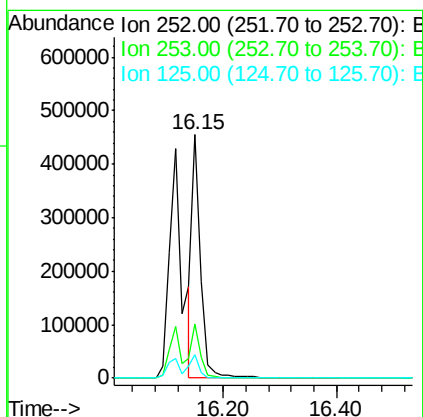
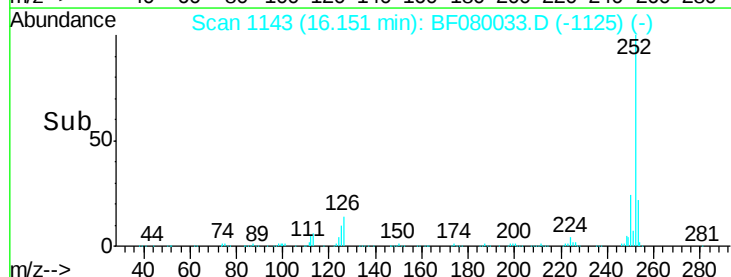
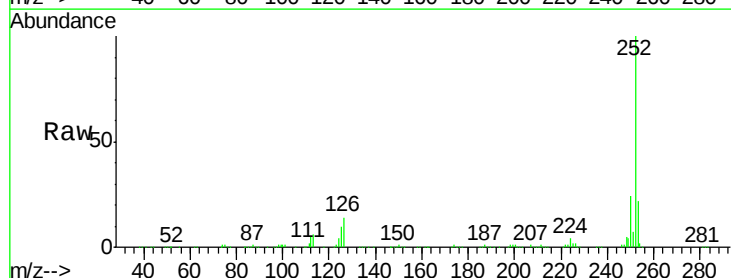
Tgt Ion:252 Resp: 478135

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 9.5 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 41.12 ng

RT: 16.57 min Scan# 1180

Delta R.T. -0.09 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

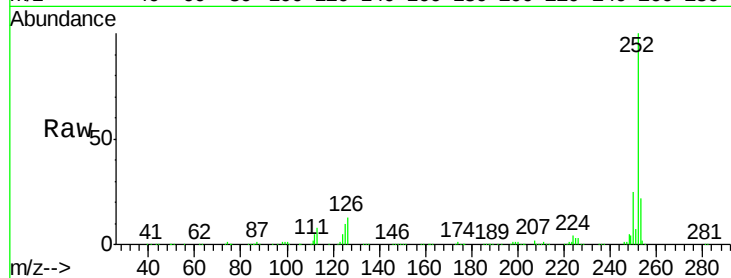
Tgt Ion:252 Resp: 555654

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

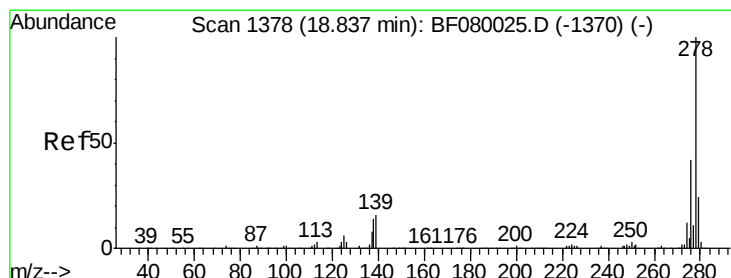
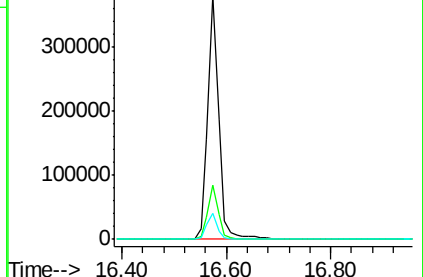
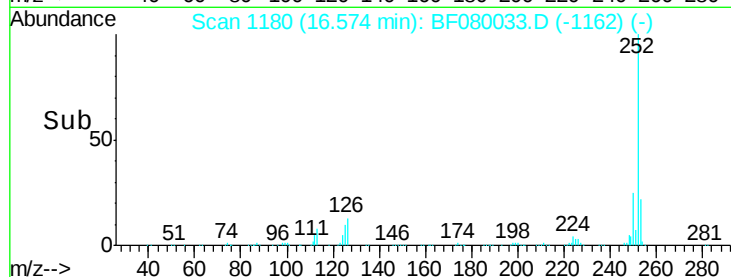
125 10.5 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.53 ng

RT: 18.53 min Scan# 1351

Delta R.T. -0.11 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

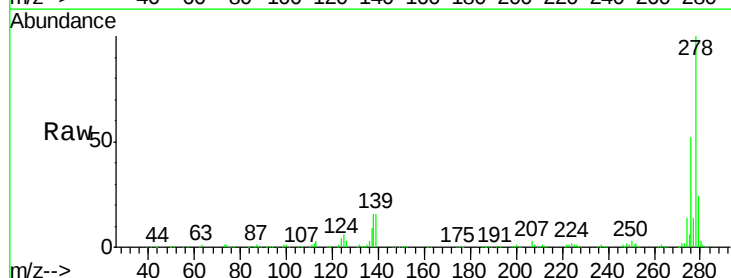
Tgt Ion:278 Resp: 560613

Ion Ratio Lower Upper

278 100

139 16.0 26.3 39.5#

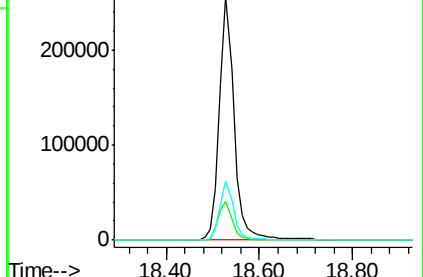
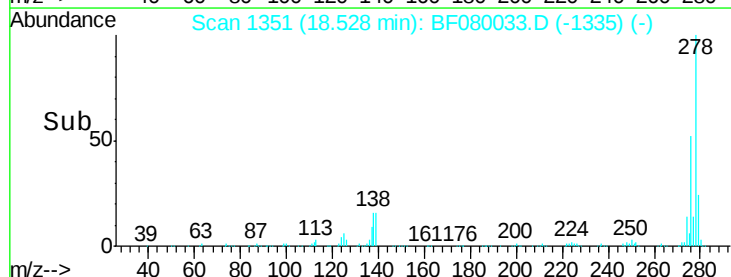
279 24.2 18.2 27.4

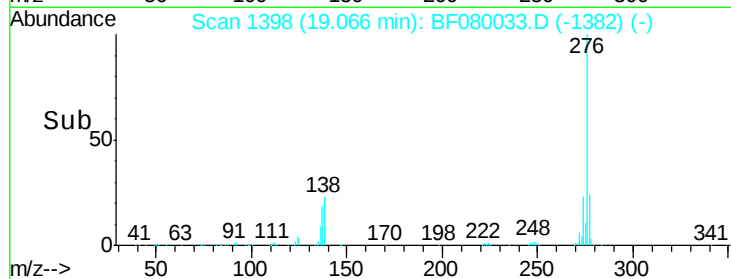
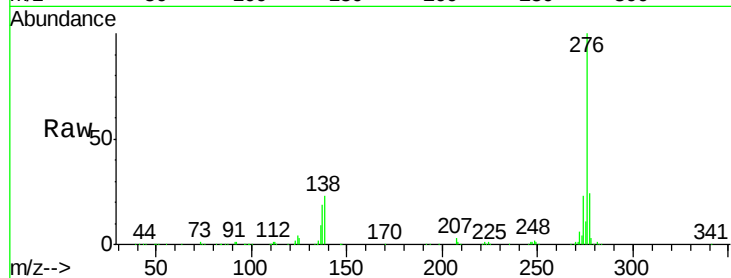
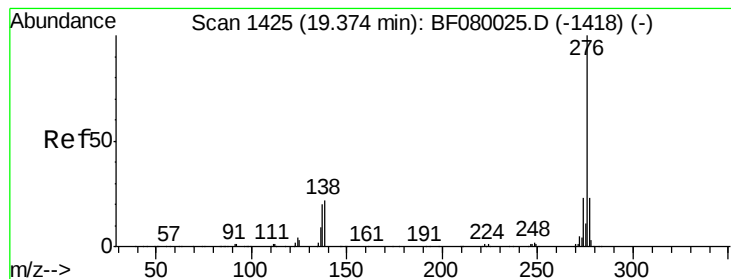


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.11 ng

RT: 19.07 min Scan# 1398

Delta R.T. -0.11 min

Lab File: BF080033.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 560154

Ion Ratio Lower Upper

276 100

277 24.0 17.8 26.6

138 22.5 34.6 51.8#

