

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081715\  
 Data File : BF081003.D  
 Acq On : 17 Aug 2015 14:30  
 Operator : UM/IZ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Aug 17 14:55:11 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 17 14:26:01 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.63  | 152  | 54369    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.92  | 136  | 209753   | 20.00 | ng    | 0.01     |
| 38) Acenaphthene-d10      | 9.66  | 164  | 93849    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.13 | 188  | 186460   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.76 | 240  | 145883   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 15.10 | 264  | 108110   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.19  | 112 | 278999 | 35.69 | ng | 0.00 |
| 7) Phenol-d6             | 6.27  | 99  | 399328 | 37.71 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.20  | 82  | 364398 | 34.85 | ng | 0.01 |
| 41) 2,4,6-Tribromophenol | 10.44 | 330 | 62614  | 33.59 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 8.99  | 172 | 519624 | 29.68 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.72 | 244 | 570620 | 35.43 | ng | 0.01 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.06 | 88  | 69814  | 36.99 | ng | # 92   |
| 3) Pyridine                    | 2.68 | 79  | 216419 | 44.29 | ng | 88     |
| 4) n-Nitrosodimethylamine      | 2.64 | 42  | 109312 | 38.06 | ng | # 82   |
| 6) Aniline                     | 6.28 | 93  | 267798 | 34.68 | ng | # 21   |
| 8) 2-Chlorophenol              | 6.41 | 128 | 171427 | 38.59 | ng | 88     |
| 9) Benzaldehyde                | 6.17 | 77  | 130318 | 34.91 | ng | 92     |
| 10) Phenol                     | 6.28 | 94  | 247480 | 39.60 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.38 | 93  | 174150 | 37.72 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 170223 | 37.14 | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 6.65 | 146 | 167113 | 36.81 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.80 | 146 | 170484 | 37.38 | ng | 96     |
| 15) Benzyl Alcohol             | 6.78 | 79  | 142163 | 32.69 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.92 | 45  | 348280 | 36.69 | ng | 100    |
| 17) 2-Methylphenol             | 6.90 | 107 | 141016 | 37.98 | ng | # 92   |
| 18) Hexachloroethane           | 7.14 | 117 | 70530  | 36.81 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.06 | 70  | 139573 | 38.91 | ng | 89     |
| 20) 3+4-Methylphenols          | 7.05 | 107 | 171142 | 34.88 | ng | 92     |
| 22) Acetophenone               | 7.05 | 105 | 234893 | 37.53 | ng | # 92   |
| 24) Nitrobenzene               | 7.22 | 77  | 202697 | 37.48 | ng | # 89   |
| 25) Isophorone                 | 7.46 | 82  | 346036 | 36.47 | ng | 98     |
| 26) 2-Nitrophenol              | 7.53 | 139 | 76808  | 36.04 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.59 | 122 | 155871 | 40.90 | ng | 89     |
| 28) bis(2-Chloroethoxy)methane | 7.68 | 93  | 202486 | 34.23 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.78 | 162 | 125994 | 39.08 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.86 | 180 | 140016 | 38.33 | ng | 100    |
| 31) Naphthalene                | 7.94 | 128 | 476253 | 37.26 | ng | 99     |
| 32) Benzoic acid               | 7.70 | 122 | 68360  | 32.88 | ng | 96     |
| 33) 4-Chloroaniline            | 7.99 | 127 | 184617 | 33.34 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.07 | 225 | 76125  | 37.14 | ng | 98     |
| 35) Caprolactam                | 8.36 | 113 | 43809  | 38.44 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.48 | 107 | 144755 | 36.91 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.63 | 142 | 307195 | 34.94 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.80 | 216 | 121858 | 37.41 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.79 | 237 | 67327  | 44.34 | ng | 97     |

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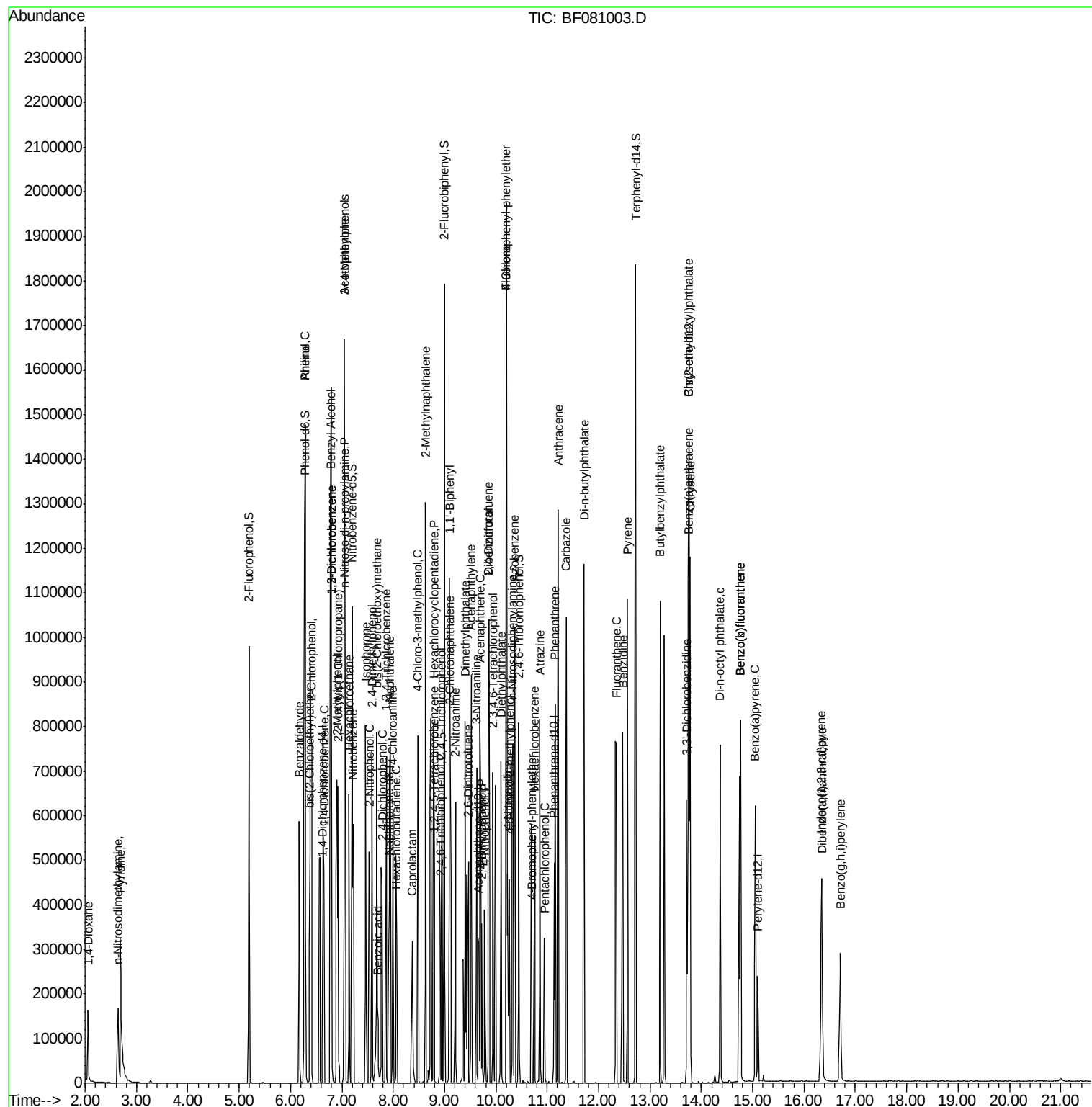
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.91  | 196  | 85899    | 37.60 | ng    | 93       |
| 43) 2,4,5-Trichlorophenol      | 8.95  | 196  | 96325    | 40.87 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.10  | 154  | 368187   | 40.01 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.11  | 162  | 260415   | 34.51 | ng    | # 90     |
| 47) 2-Nitroaniline             | 9.21  | 65   | 111402   | 37.26 | ng    | 97       |
| 48) Acenaphthylene             | 9.52  | 152  | 448464   | 32.32 | ng    | 99       |
| 49) Dimethylphthalate          | 9.40  | 163  | 334699   | 37.29 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.46  | 165  | 72600    | 39.24 | ng    | 90       |
| 51) Acenaphthene               | 9.69  | 154  | 280048   | 34.82 | ng    | 100      |
| 52) 3-Nitroaniline             | 9.62  | 138  | 81503    | 34.95 | ng    | 98       |
| 53) 2,4-Dinitrophenol          | 9.72  | 184  | 32943    | 49.76 | ng    | 81       |
| 54) Dibenzofuran               | 9.86  | 168  | 360231   | 31.94 | ng    | 91       |
| 55) 4-Nitrophenol              | 9.78  | 139  | 56004    | 36.69 | ng    | 90       |
| 56) 2,4-Dinitrotoluene         | 9.86  | 165  | 91209    | 36.65 | ng    | 97       |
| 57) Fluorene                   | 10.20 | 166  | 278788   | 31.29 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.94  | 232  | 69426    | 38.62 | ng    | 97       |
| 59) Diethylphthalate           | 10.10 | 149  | 339039   | 35.49 | ng    | 95       |
| 60) 4-Chlorophenyl-phenylether | 10.20 | 204  | 126854   | 31.77 | ng    | 98       |
| 61) 4-Nitroaniline             | 10.23 | 138  | 83695    | 33.63 | ng    | 91       |
| 62) Azobenzene                 | 10.36 | 77   | 407696   | 38.37 | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.26 | 198  | 49257    | 46.25 | ng    | # 71     |
| 65) n-Nitrosodiphenylamine     | 10.33 | 169  | 276809   | 37.73 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.70 | 248  | 71449    | 37.08 | ng    | 93       |
| 67) Hexachlorobenzene          | 10.75 | 284  | 79631    | 39.89 | ng    | 98       |
| 68) Atrazine                   | 10.86 | 200  | 73976    | 35.71 | ng    | 98       |
| 69) Pentachlorophenol          | 10.95 | 266  | 45329    | 42.28 | ng    | 98       |
| 70) Phenanthrene               | 11.15 | 178  | 432781   | 36.01 | ng    | 99       |
| 71) Anthracene                 | 11.21 | 178  | 443617   | 36.16 | ng    | 99       |
| 72) Carbazole                  | 11.37 | 167  | 466384   | 41.24 | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.71 | 149  | 521913   | 36.17 | ng    | 99       |
| 74) Fluoranthene               | 12.34 | 202  | 495378   | 38.97 | ng    | 99       |
| 76) Benzidine                  | 12.47 | 184  | 272045   | 42.83 | ng    | 100      |
| 77) Pyrene                     | 12.56 | 202  | 448209   | 33.09 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.20 | 149  | 225868   | 38.95 | ng    | # 78     |
| 80) Benzo(a)anthracene         | 13.75 | 228  | 415219   | 38.00 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.71 | 252  | 127093   | 36.04 | ng    | 98       |
| 82) Chrysene                   | 13.78 | 228  | 381161   | 37.08 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.76 | 149  | 273995   | 37.81 | ng    | # 96     |
| 84) Di-n-octyl phthalate       | 14.37 | 149  | 428836   | 40.57 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.34 | 276  | 260227   | 39.42 | ng    | # 93     |
| 87) Benzo(b)fluoranthene       | 14.77 | 252  | 601434   | 61.75 | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 14.77 | 252  | 601434   | 89.52 | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.05 | 252  | 269693   | 36.96 | ng    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 16.35 | 278  | 213987   | 40.11 | ng    | # 96     |
| 91) Benzo(g,h,i)perylene       | 16.71 | 276  | 213976   | 40.37 | ng    | # 95     |

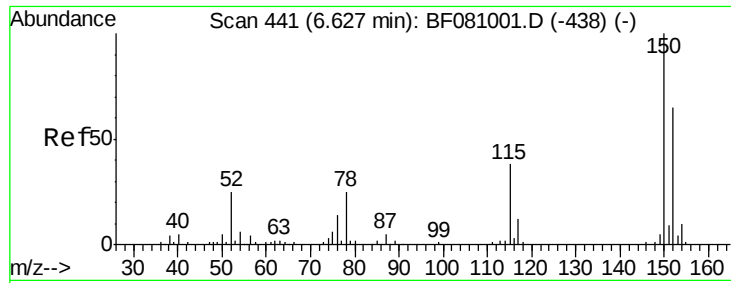
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

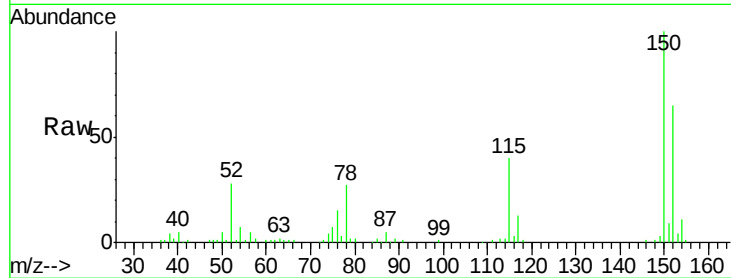
Tgt Ion:152 Resp: 54369

Ion Ratio Lower Upper

152 100

150 153.6 123.8 185.6

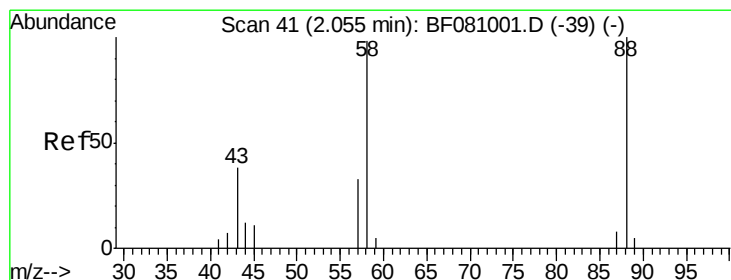
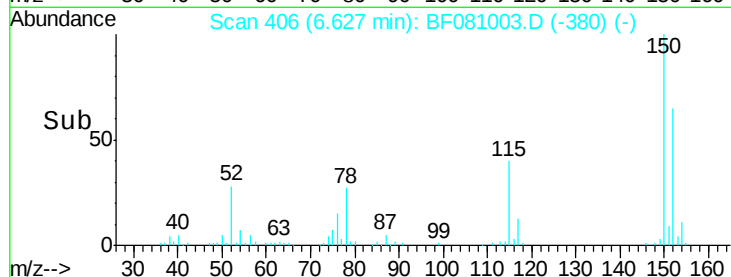
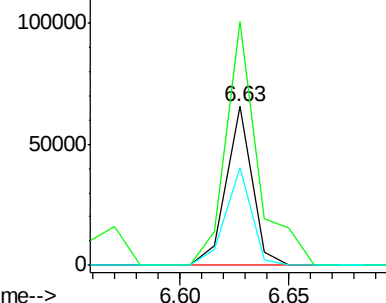
115 61.6 52.1 78.1



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: 36.99 ng

RT: 2.06 min Scan# 6

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

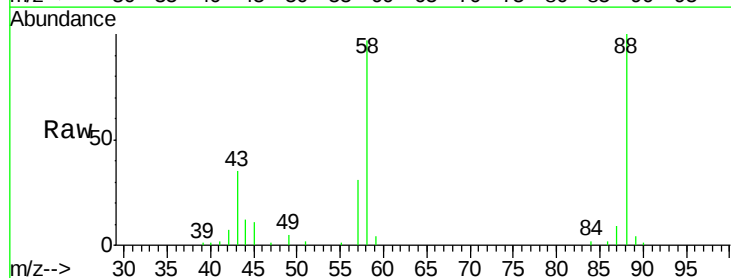
Tgt Ion: 88 Resp: 69814

Ion Ratio Lower Upper

88 100

58 99.6 83.7 125.5

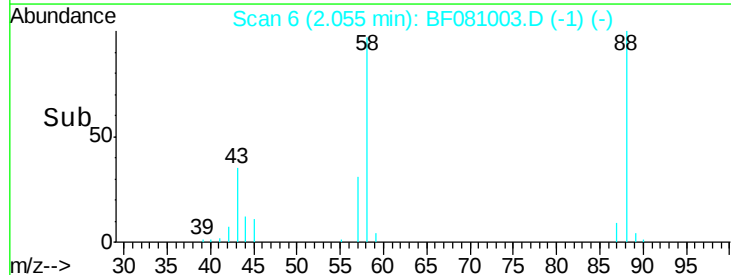
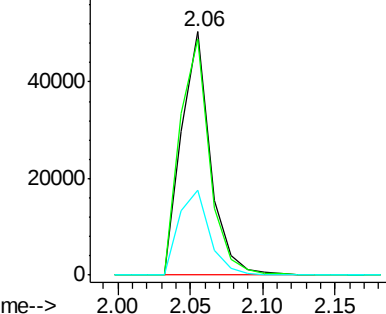
43 37.3 37.5 56.3#

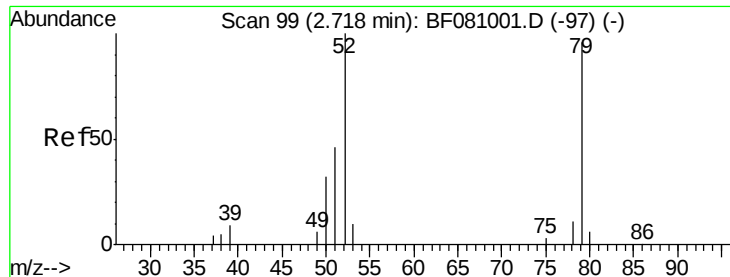


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.29 ng

RT: 2.68 min Scan# 61

Delta R.T. -0.03 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

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ClientSampleId :

SSTDICCC040

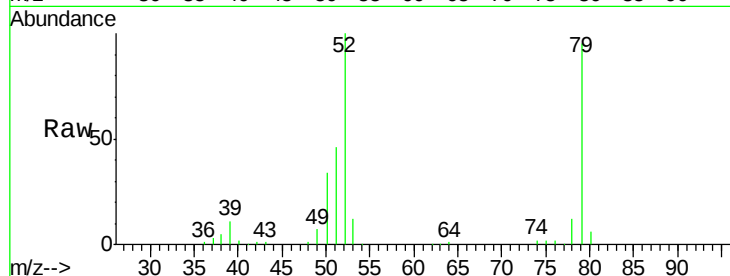
Tgt Ion: 79 Resp: 216419

Ion Ratio Lower Upper

79 100

52 105.8 95.1 142.7

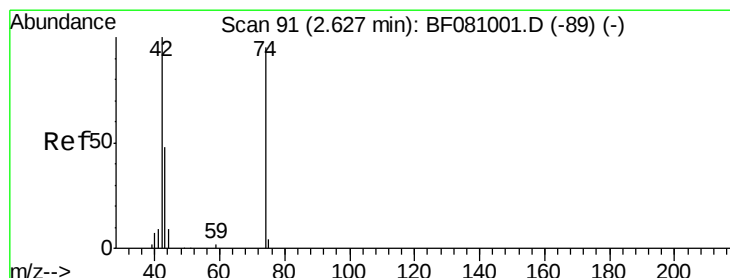
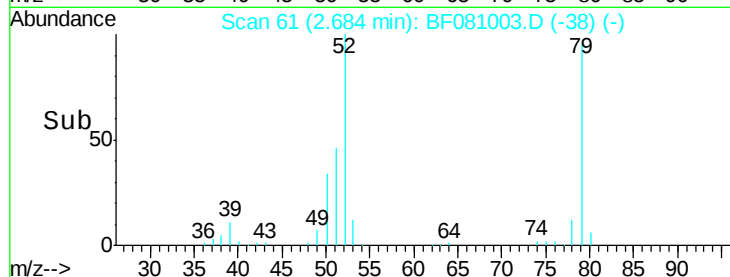
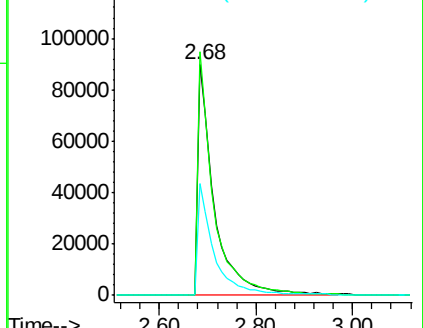
51 48.7 46.6 70.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.06 ng

RT: 2.64 min Scan# 57

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

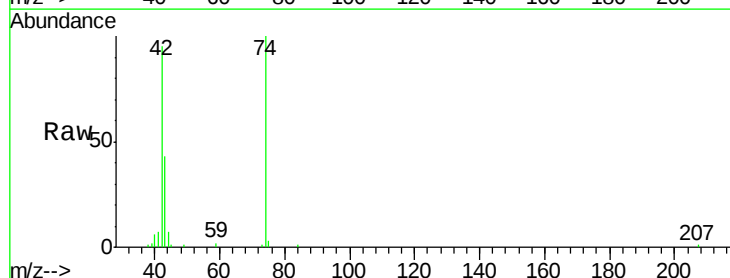
Tgt Ion: 42 Resp: 109312

Ion Ratio Lower Upper

42 100

74 104.8 69.3 103.9#

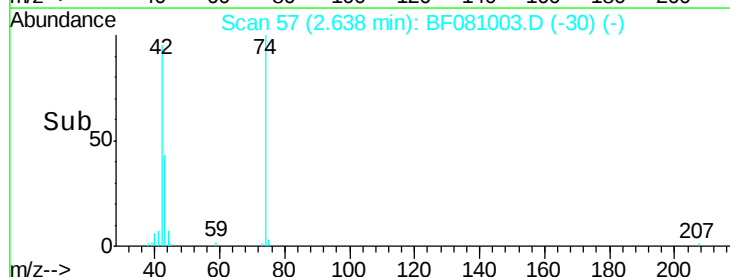
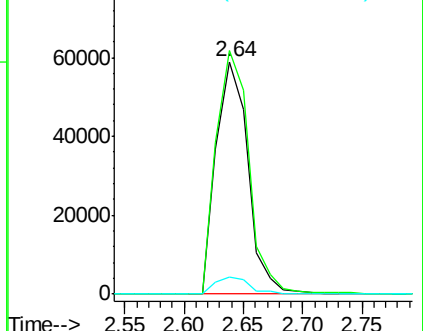
44 7.4 5.5 8.3

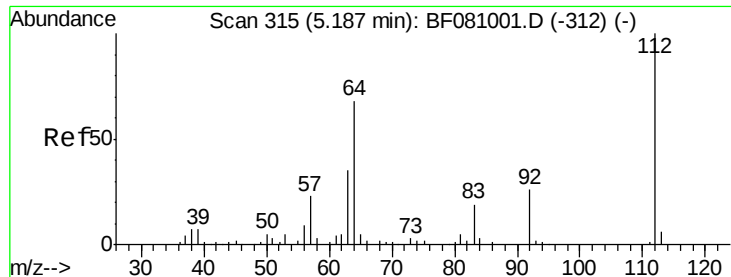


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 35.69 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.00 min

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ClientSampleId :

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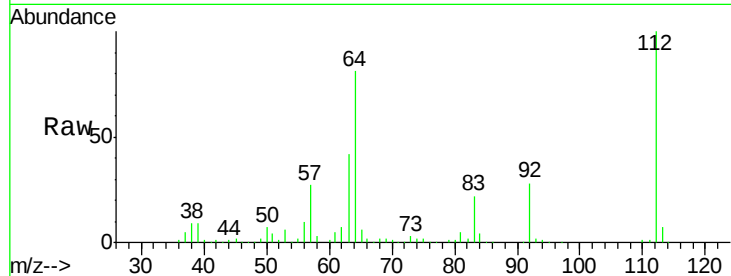
Tgt Ion: 112 Resp: 278999

Ion Ratio Lower Upper

112 100

64 81.4 66.9 100.3

63 42.2 38.1 57.1

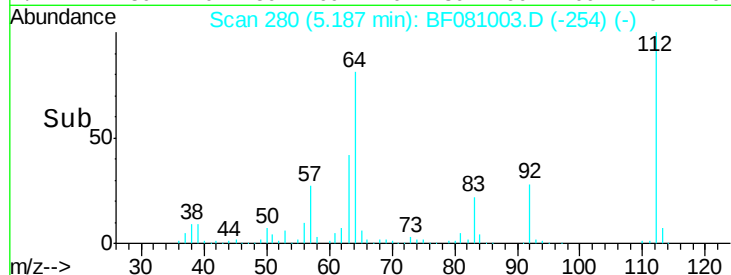


Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



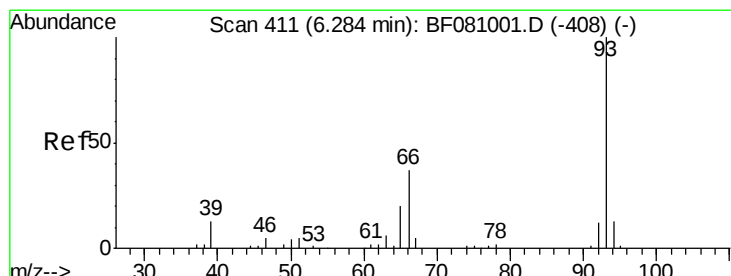
Abundance

Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



#6

Aniline

Concen: 34.68 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

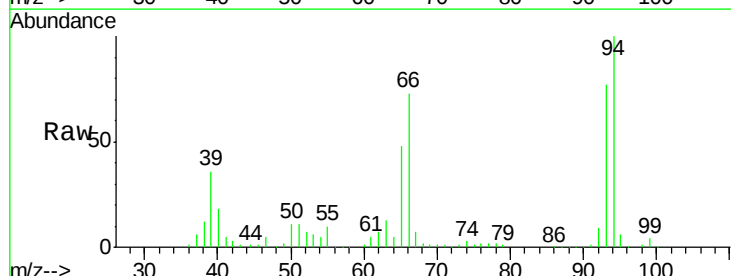
Tgt Ion: 93 Resp: 267798

Ion Ratio Lower Upper

93 100

66 95.6 35.6 53.4#

65 62.0 18.7 28.1#

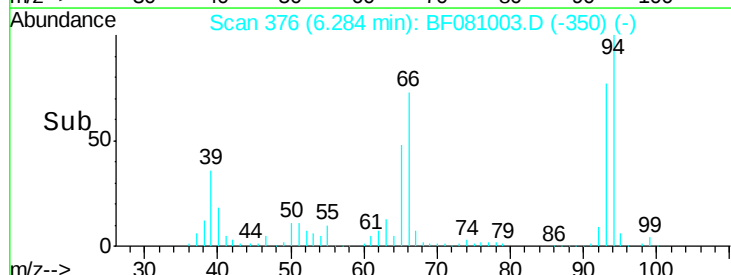


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



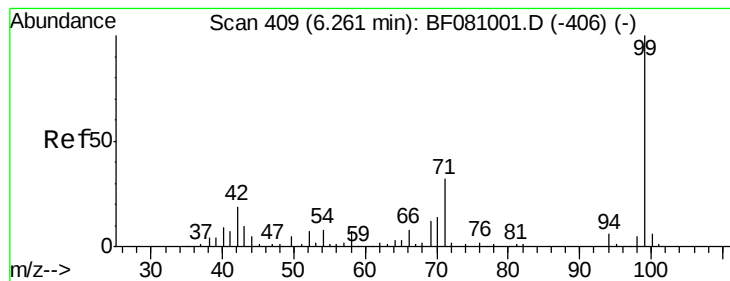
Abundance

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

Time-->



#7

Phenol-d6

Concen: 37.71 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081003.D

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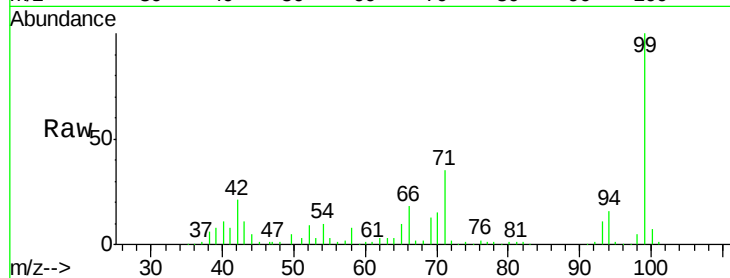
Tgt Ion: 99 Resp: 399328

Ion Ratio Lower Upper

99 100

42 21.1 19.6 29.4

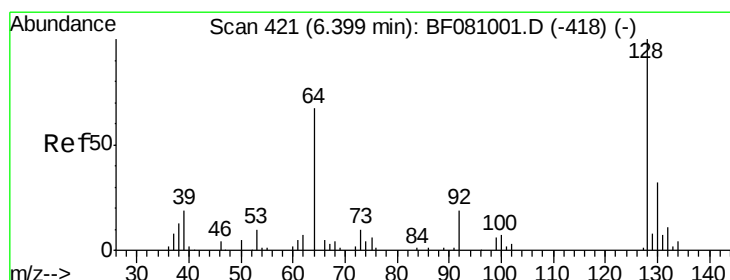
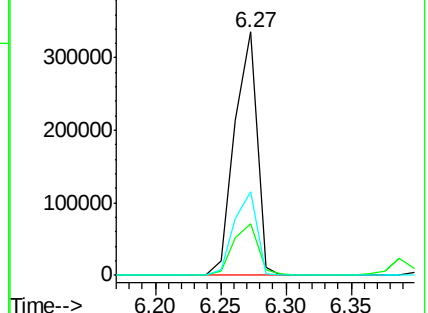
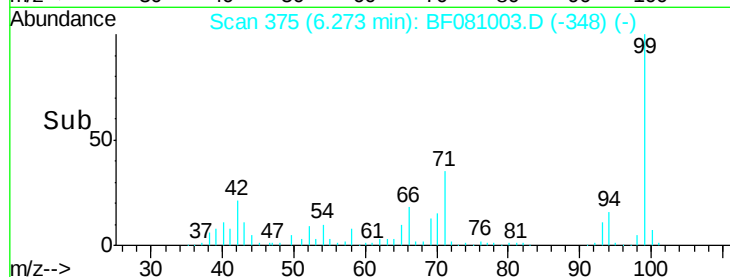
71 34.6 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.59 ng

RT: 6.41 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

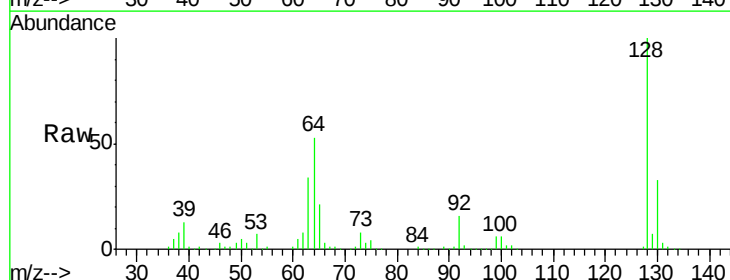
Tgt Ion: 128 Resp: 171427

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

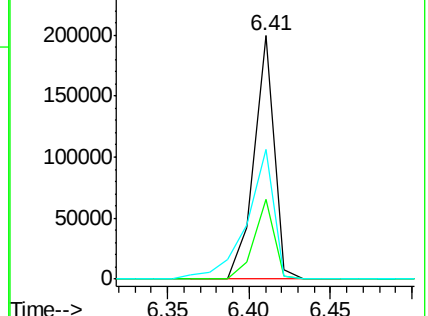
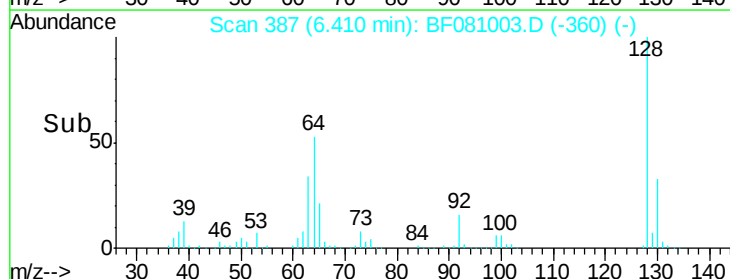
64 53.3 46.8 86.8

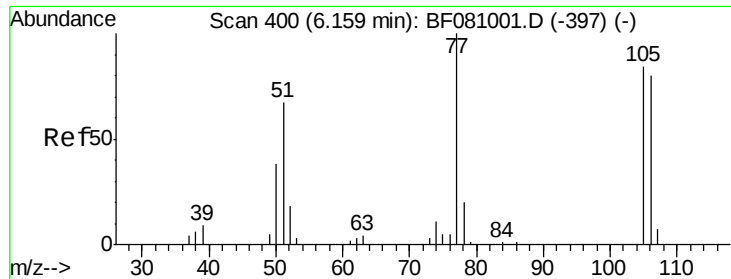


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.91 ng

RT: 6.17 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

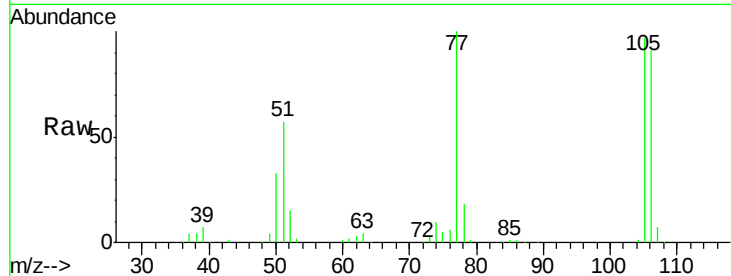
Tgt Ion: 77 Resp: 130318

Ion Ratio Lower Upper

77 100

105 97.3 69.6 109.6

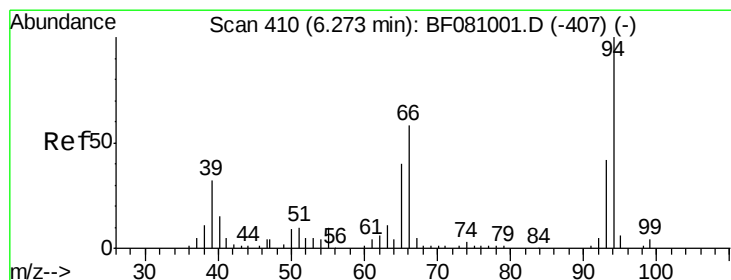
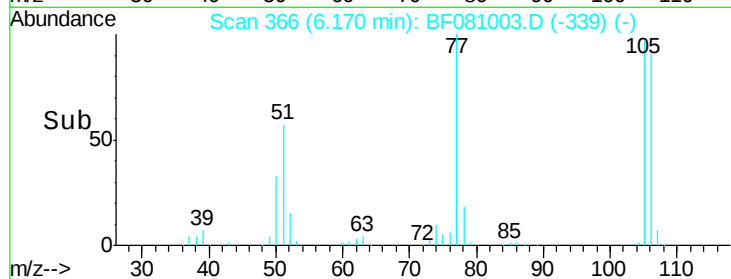
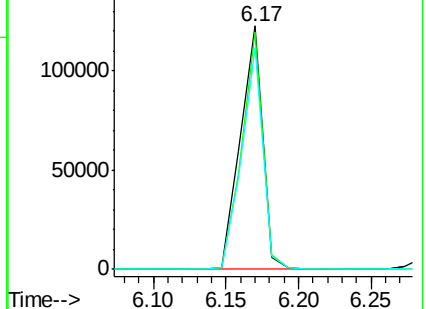
106 91.2 64.0 104.0



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: 39.60 ng

RT: 6.28 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

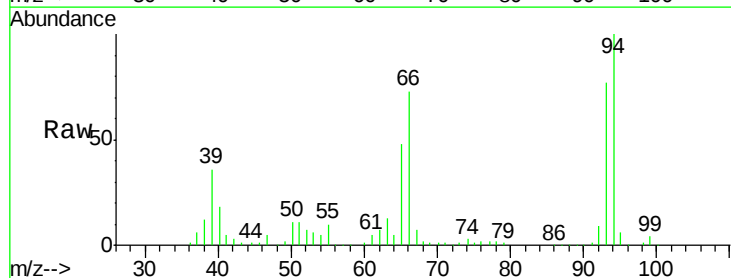
Tgt Ion: 94 Resp: 247480

Ion Ratio Lower Upper

94 100

65 47.7 28.4 68.4

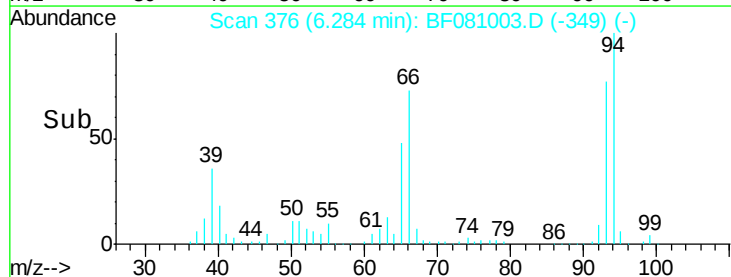
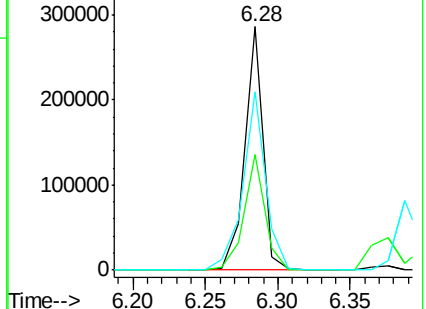
66 73.4 52.3 92.3

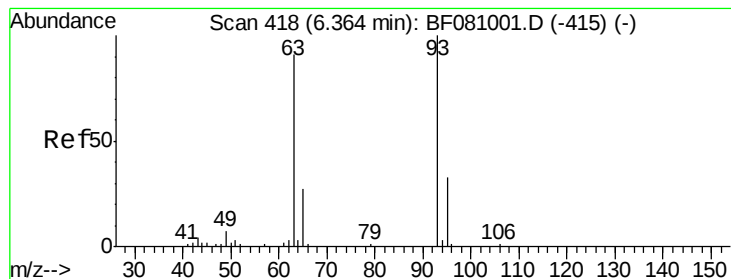


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.72 ng

RT: 6.38 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

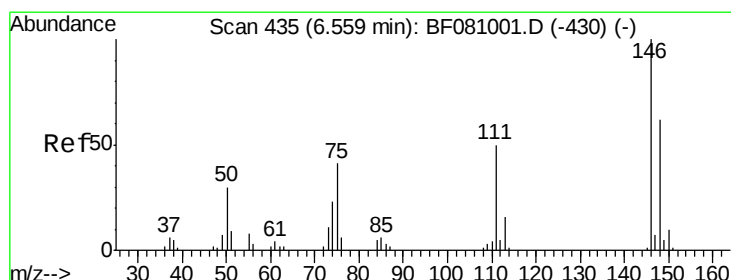
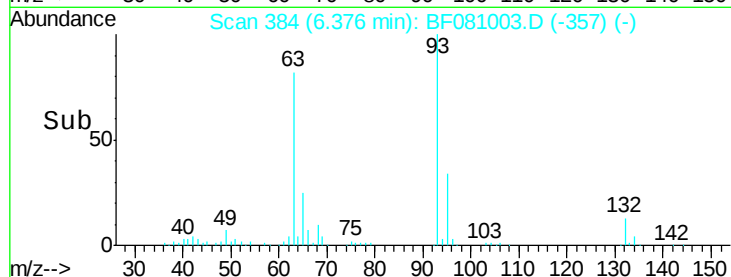
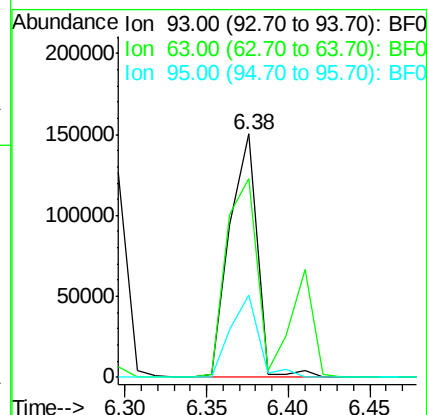
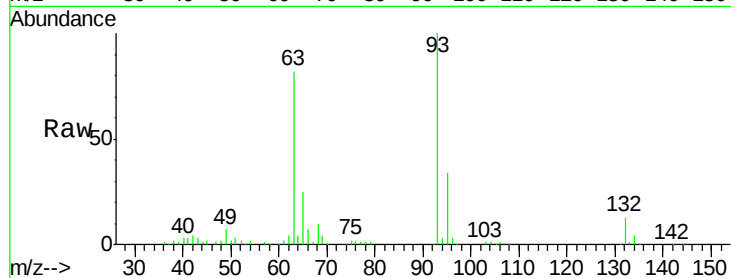
Tgt Ion: 93 Resp: 174150

Ion Ratio Lower Upper

93 100

63 81.9 69.6 109.6

95 33.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 37.14 ng

RT: 6.80 min Scan# 421

Delta R.T. 0.24 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

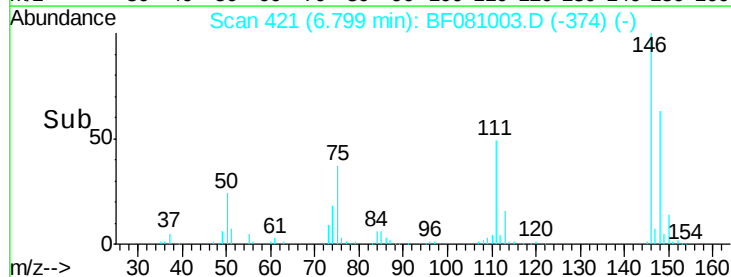
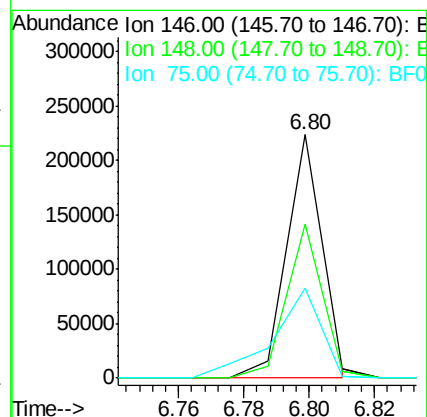
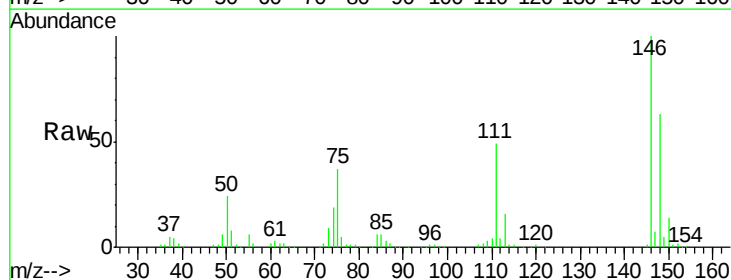
Tgt Ion: 146 Resp: 170223

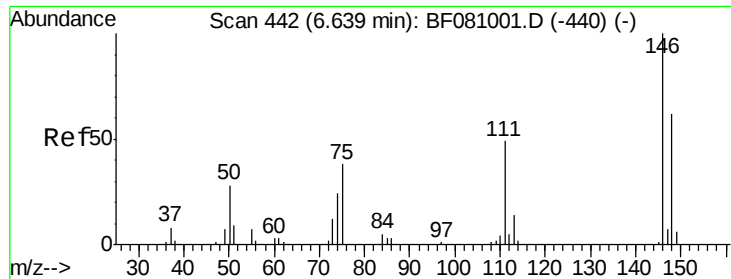
Ion Ratio Lower Upper

146 100

148 63.3 53.3 79.9

75 36.7 25.0 37.6

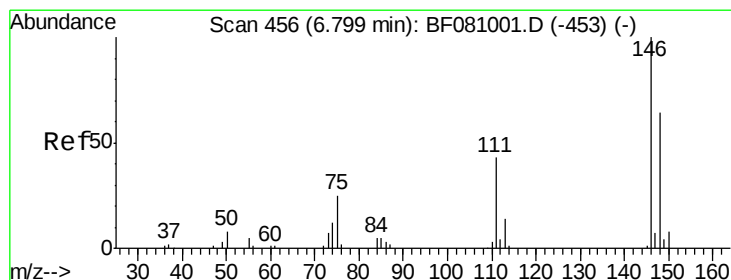
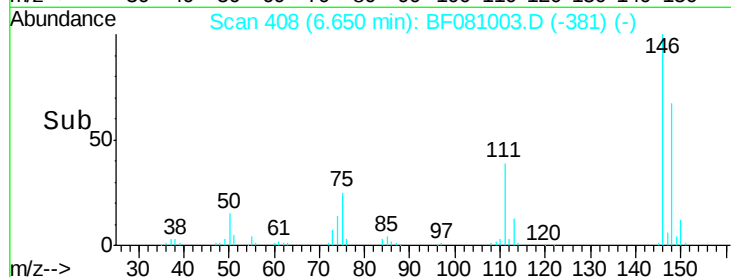
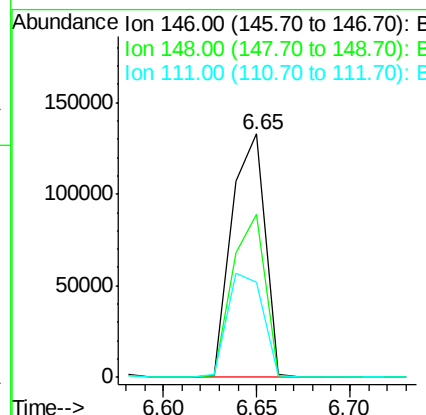
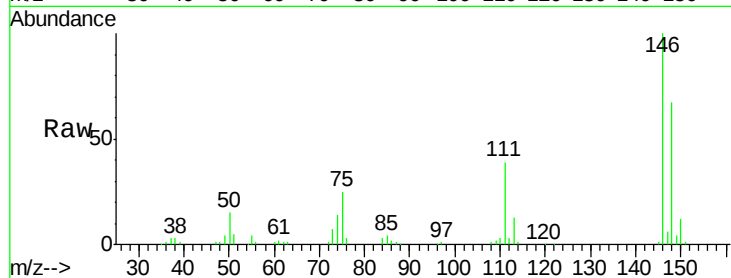




#13  
 1,4-Dichlorobenzene  
 Concen: 36.81 ng  
 RT: 6.65 min Scan# 408  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

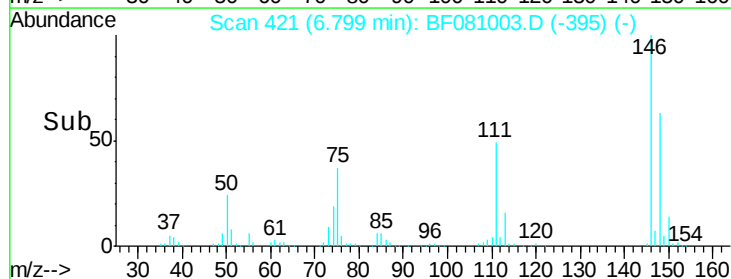
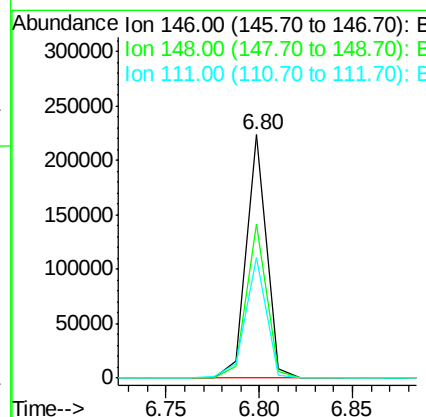
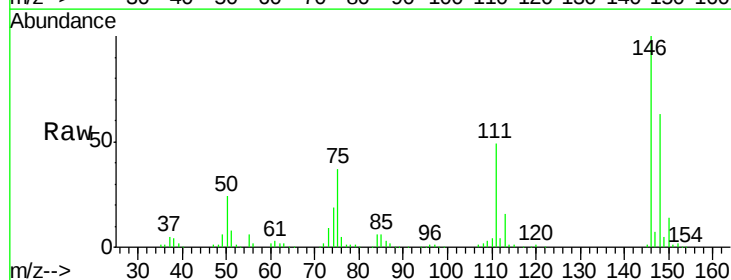
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

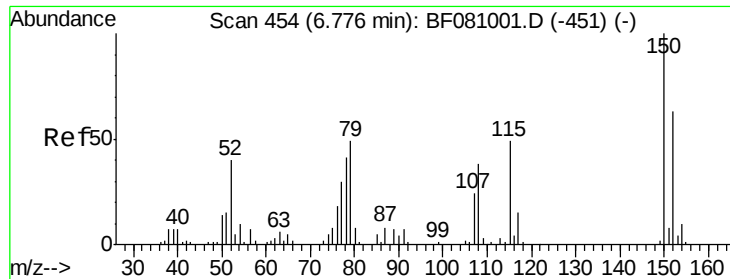
Tgt Ion:146 Resp: 167113  
 Ion Ratio Lower Upper  
 146 100  
 148 66.9 52.3 78.5  
 111 39.3 34.4 51.6



#14  
 1,2-Dichlorobenzene  
 Concen: 37.38 ng  
 RT: 6.80 min Scan# 421  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion:146 Resp: 170484  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 48.7 73.1  
 111 49.3 42.3 63.5





#15

Benzyl Alcohol

Concen: 32.69 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

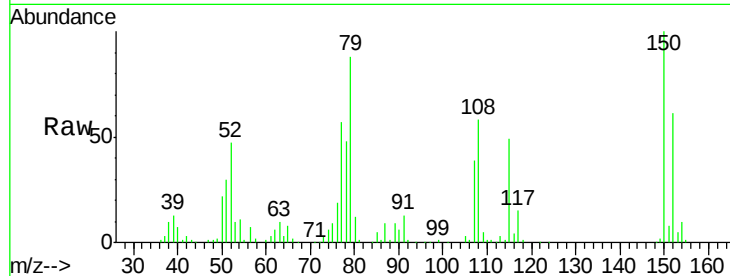
Tgt Ion: 79 Resp: 142163

Ion Ratio Lower Upper

79 100

108 65.7 49.4 74.2

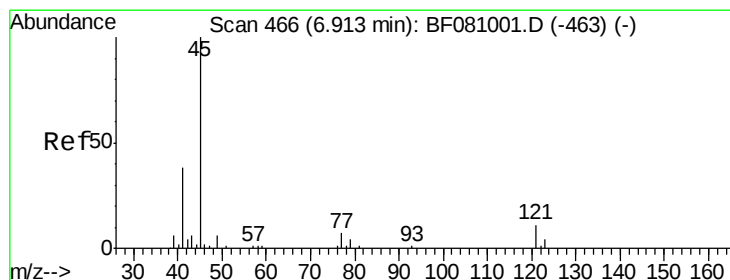
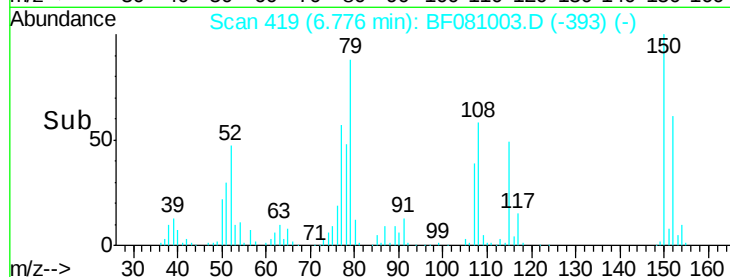
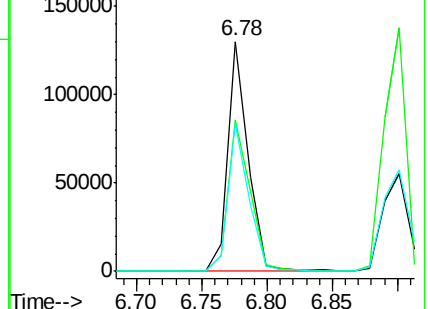
77 64.5 51.4 77.0



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: 36.69 ng

RT: 6.92 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

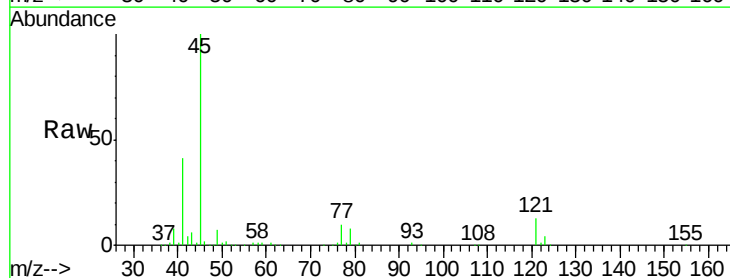
Tgt Ion: 45 Resp: 348280

Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.2

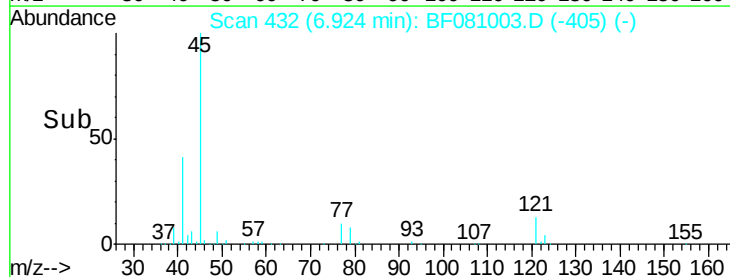
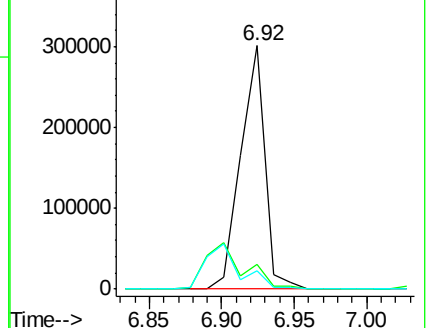
79 7.8 0.0 28.0

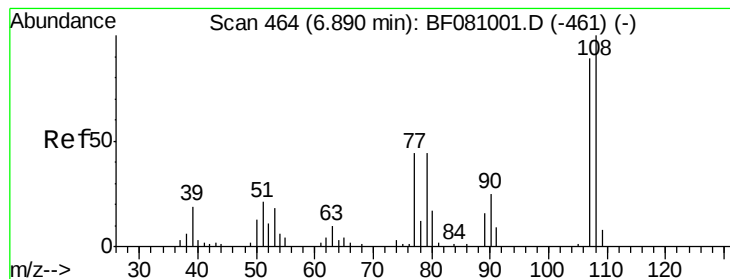


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

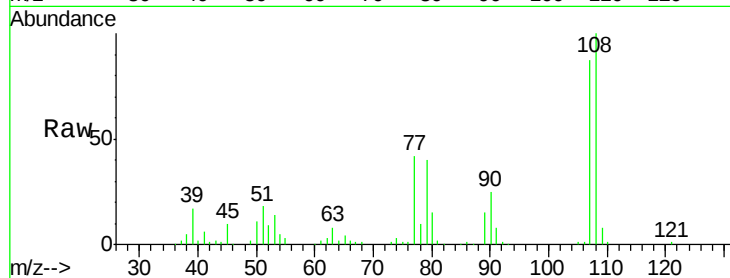




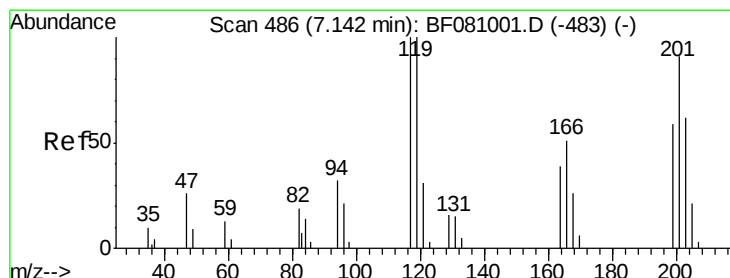
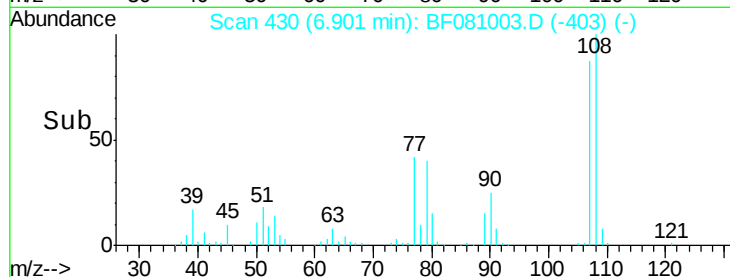
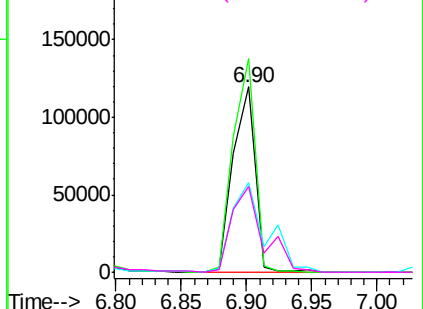
#17  
 2-Methylphenol  
 Concen: 37.98 ng  
 RT: 6.90 min Scan# 430  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 141016 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.4 | 90.4  | 135.6  |
| 77       | 48.3  | 46.5  | 69.7   |
| 79       | 46.3  | 46.3  | 69.5#  |

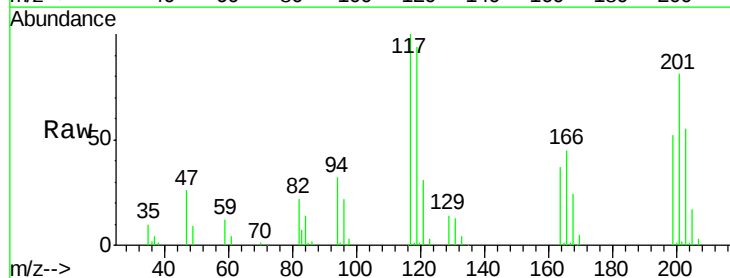


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 77.00 (76.70 to 77.70): BF0  
 Ion 79.00 (78.70 to 79.70): BF0

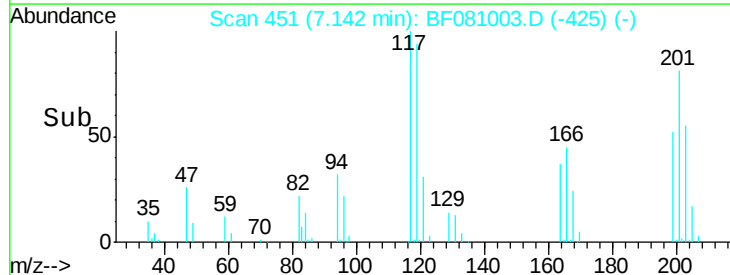
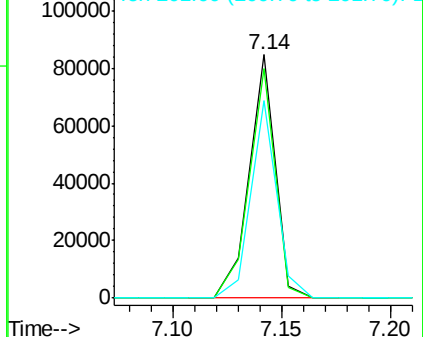


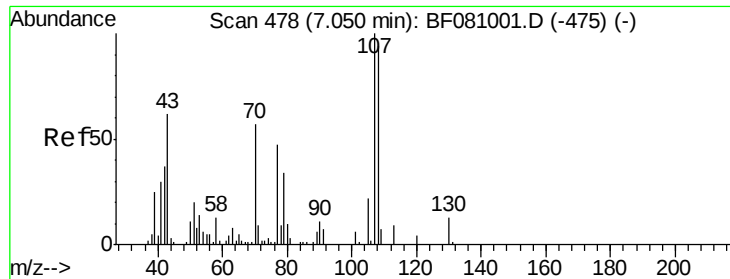
#18  
 Hexachloroethane  
 Concen: 36.81 ng  
 RT: 7.14 min Scan# 451  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 70530 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.1  | 77.9  | 116.9 |
| 201      | 81.1  | 61.3  | 91.9  |



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

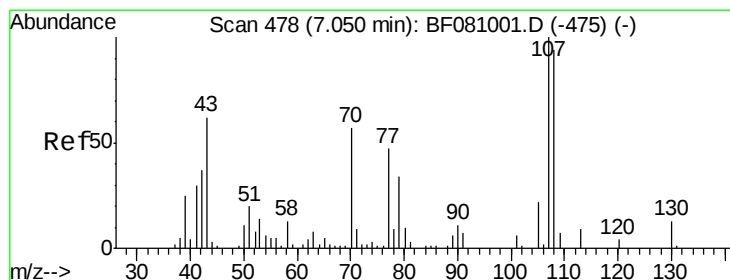
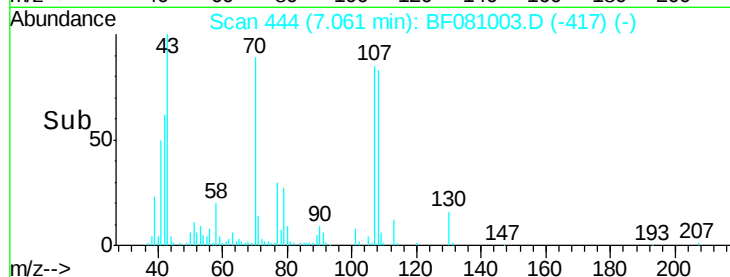
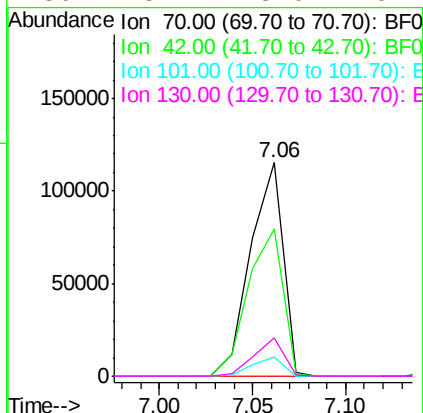
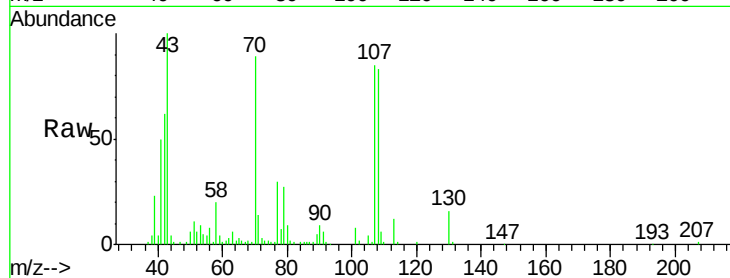




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.91 ng  
RT: 7.06 min Scan# 444  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

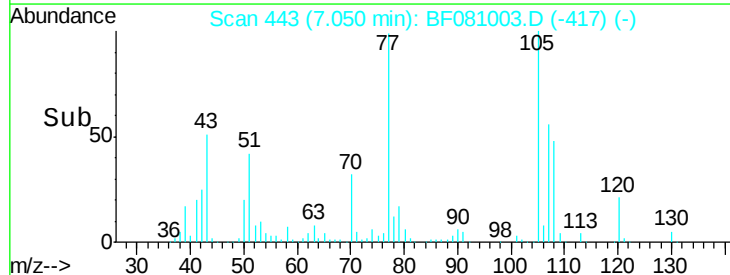
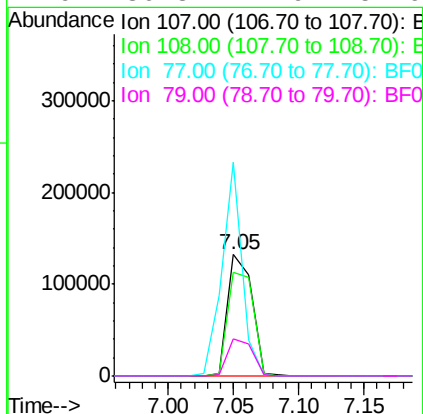
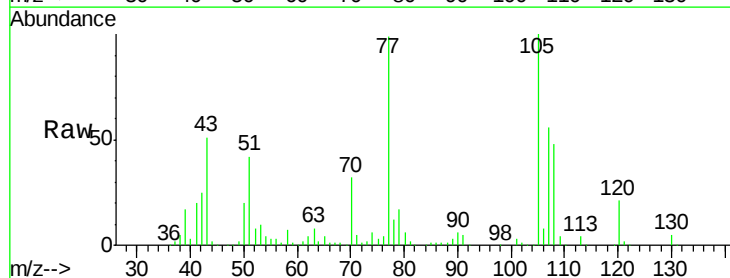
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

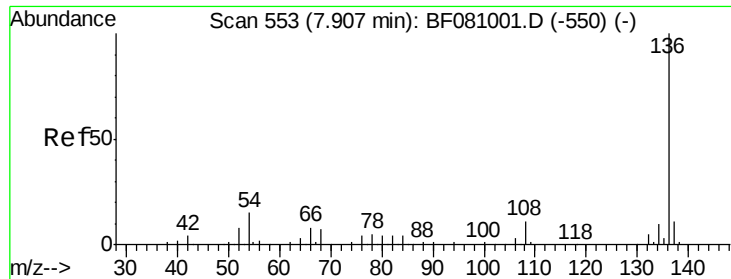
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 139573 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 68.9  | 65.0  | 97.4   |
| 101      | 9.0   | 7.4   | 11.2   |
| 130      | 18.2  | 13.0  | 19.4   |



#20  
3+4-Methylphenols  
Concen: 34.88 ng  
RT: 7.05 min Scan# 443  
Delta R.T. -0.00 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 171142 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.1  | 66.1  | 106.1  |
| 77       | 176.2 | 139.3 | 179.3  |
| 79       | 30.3  | 11.9  | 51.9   |

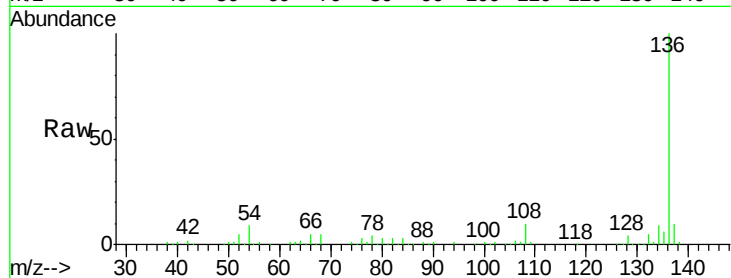




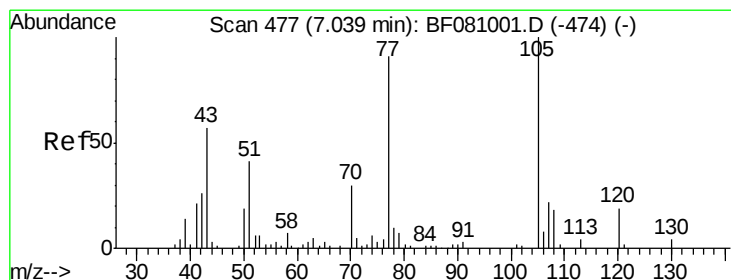
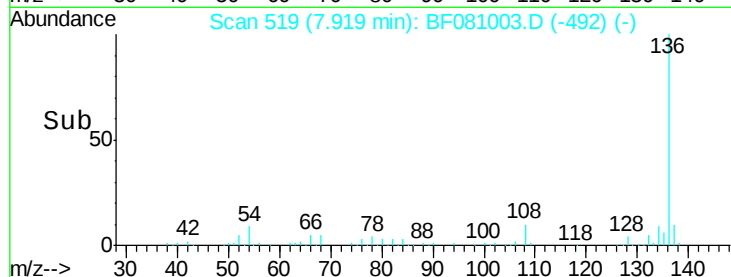
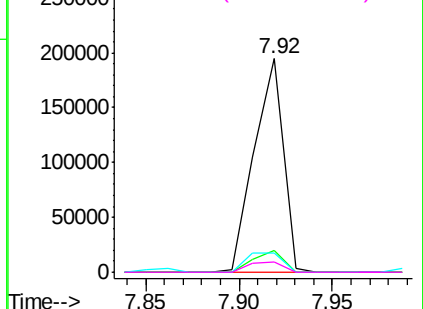
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.92 min Scan# 519  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 209753 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.3  | 8.2   | 12.2   |
| 54       | 9.2   | 7.7   | 11.5   |
| 68       | 4.8   | 3.4   | 5.2    |

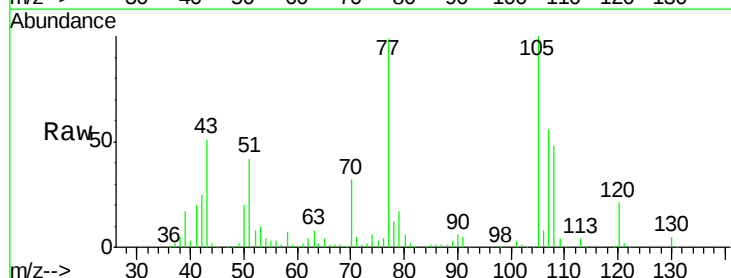


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

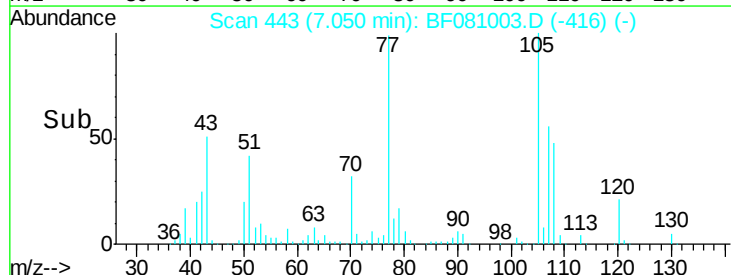
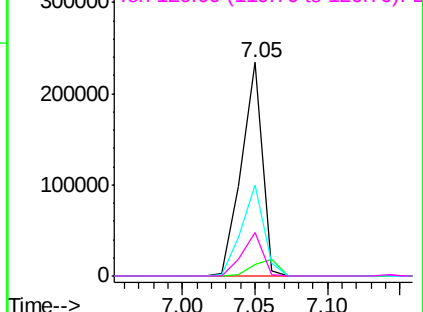


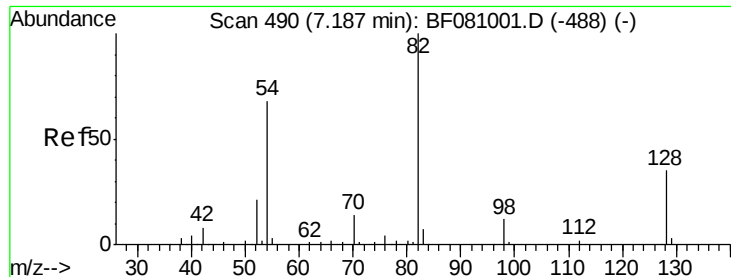
#22  
Acetophenone  
Concen: 37.53 ng  
RT: 7.05 min Scan# 443  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 234893 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 5.2   | 3.0   | 4.6#   |
| 51       | 42.3  | 39.8  | 59.8   |
| 120      | 20.6  | 15.8  | 23.8   |



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

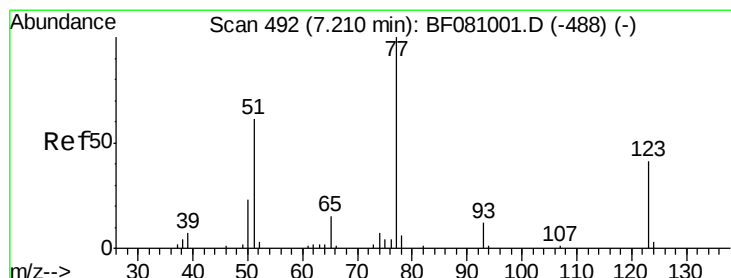
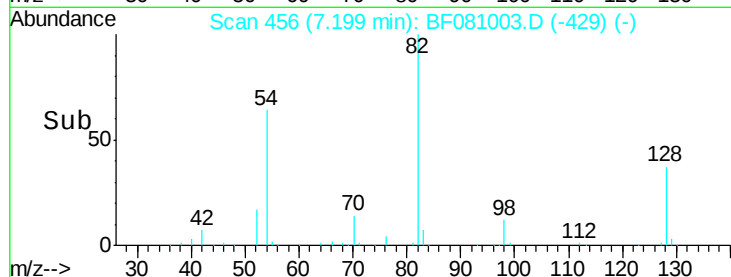
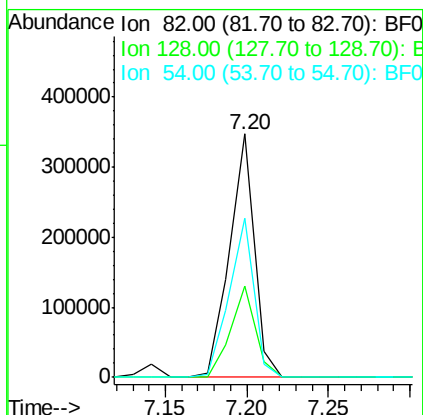
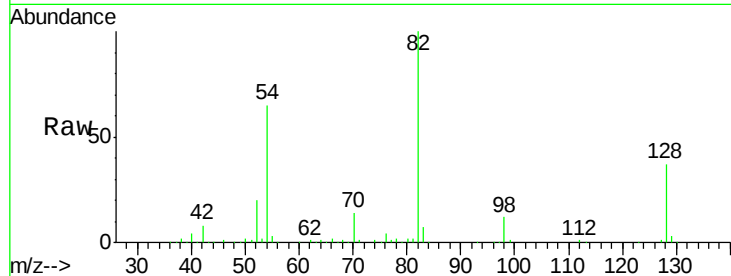




#23  
 Nitrobenzene-d5  
 Concen: 34.85 ng  
 RT: 7.20 min Scan# 456  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

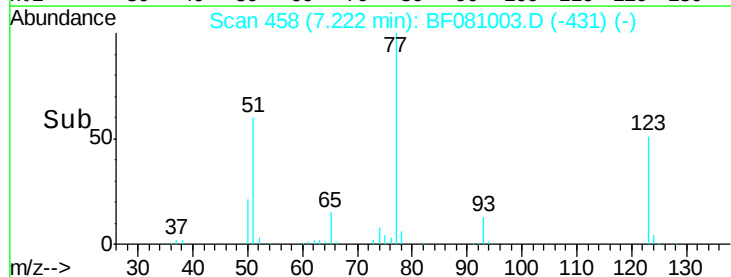
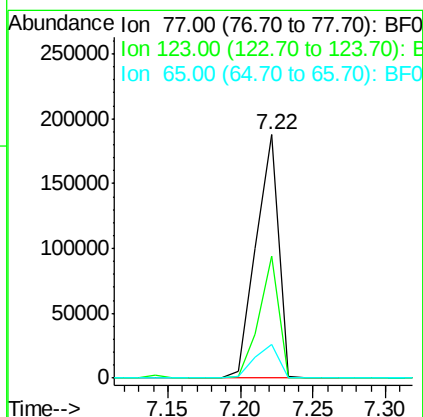
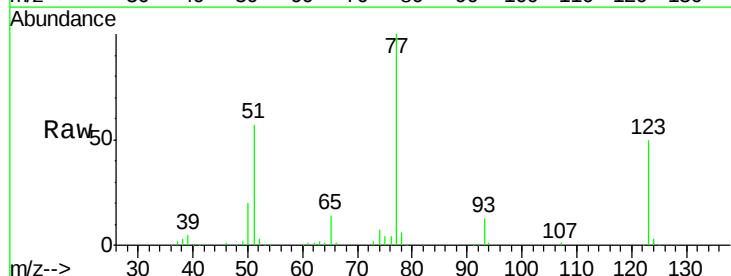
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

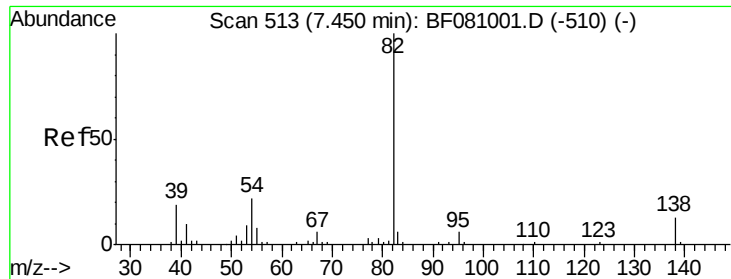
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.4  | 28.6  | 42.8  |
| 54      | 65.4  | 55.1  | 82.7  |



#24  
 Nitrobenzene  
 Concen: 37.48 ng  
 RT: 7.22 min Scan# 458  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.1  | 32.9  | 49.3# |
| 65      | 14.0  | 12.5  | 18.7  |





#25

Isophorone

Concen: 36.47 ng

RT: 7.46 min Scan# 479

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

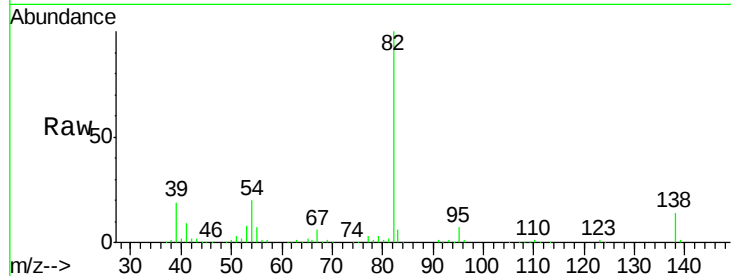
Tgt Ion: 82 Resp: 346036

Ion Ratio Lower Upper

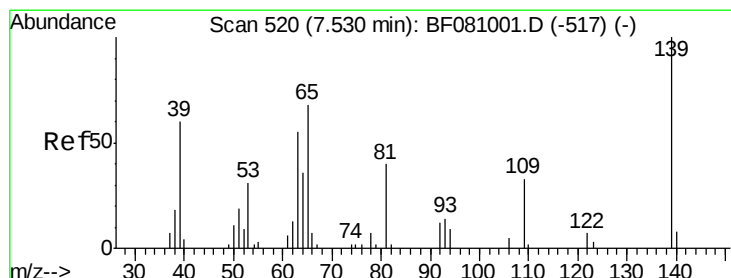
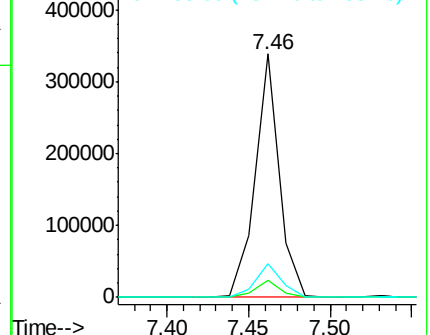
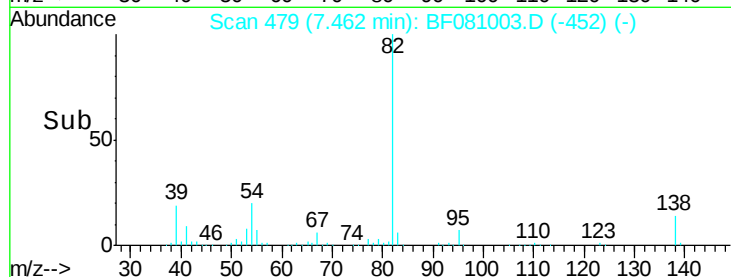
82 100

95 6.9 6.2 9.2

138 13.9 10.5 15.7



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



#26

2-Nitrophenol

Concen: 36.04 ng

RT: 7.53 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

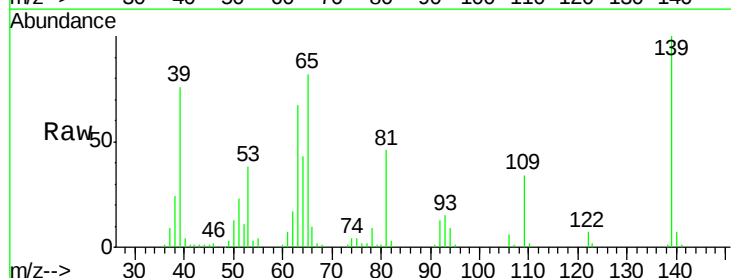
Tgt Ion: 139 Resp: 76808

Ion Ratio Lower Upper

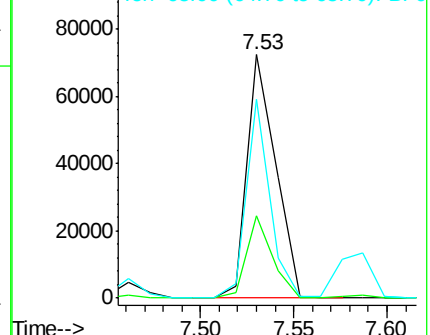
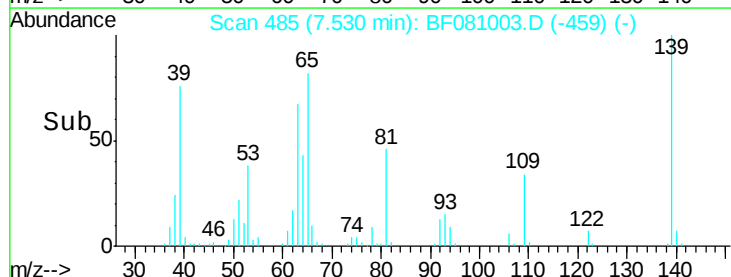
139 100

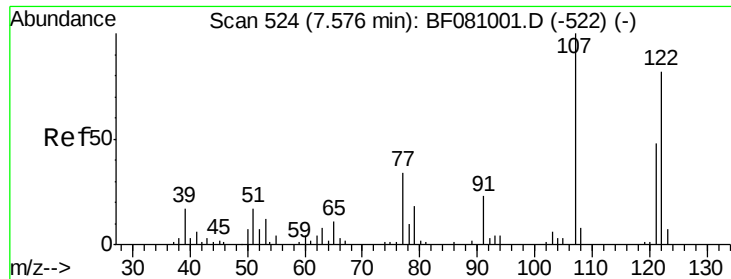
109 33.9 32.1 48.1

65 81.7 69.9 104.9



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

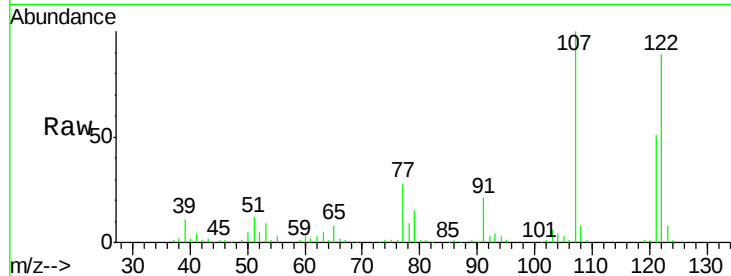




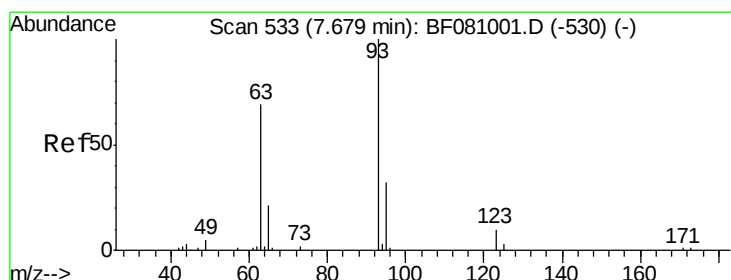
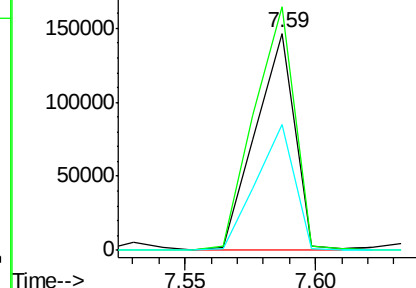
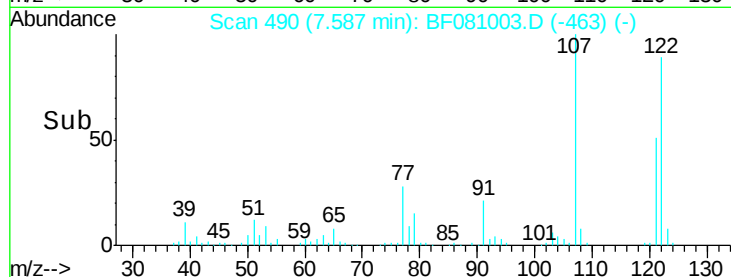
#27  
 2,4-Dimethylphenol  
 Concen: 40.90 ng  
 RT: 7.59 min Scan# 490  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:122 Resp: 155871  
 Ion Ratio Lower Upper  
 122 100  
 107 112.1 103.8 155.6  
 121 57.7 47.0 70.4

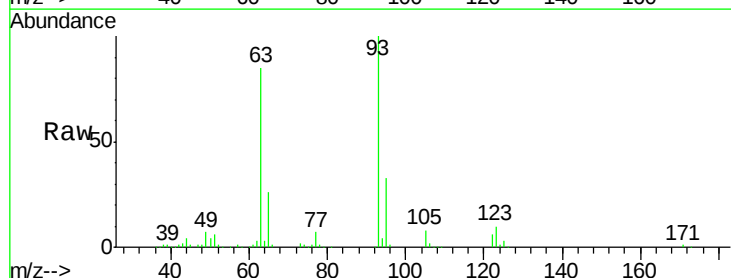


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

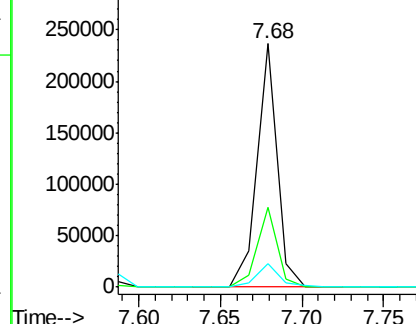
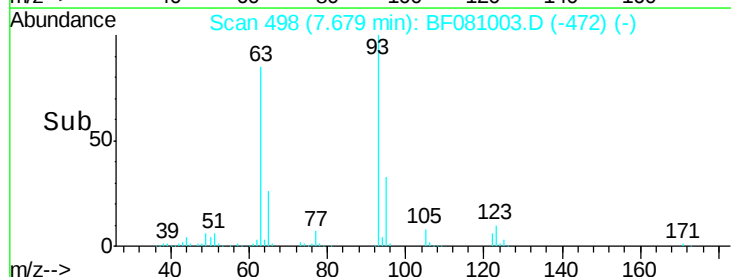


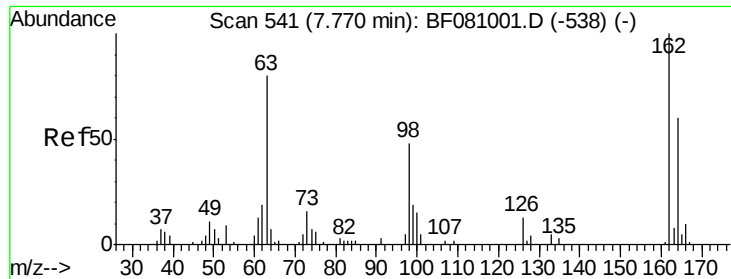
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 34.23 ng  
 RT: 7.68 min Scan# 498  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion: 93 Resp: 202486  
 Ion Ratio Lower Upper  
 93 100  
 95 32.6 25.8 38.8  
 123 9.6 7.4 11.0



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

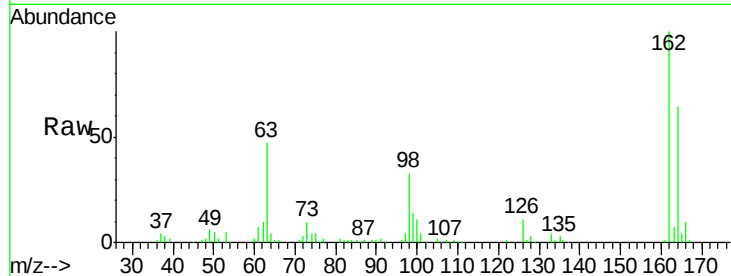




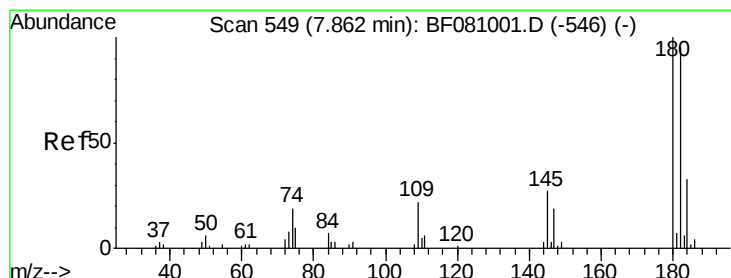
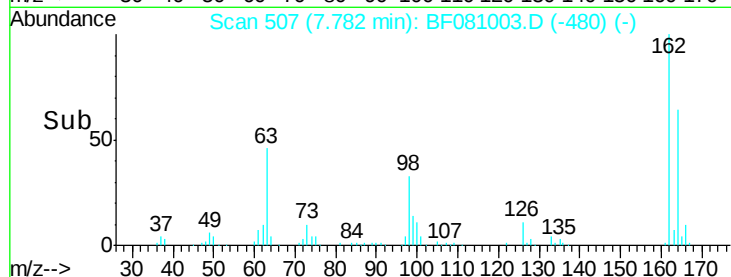
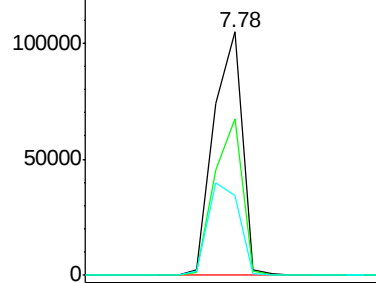
#29  
 2,4-Dichlorophenol  
 Concen: 39.08 ng  
 RT: 7.78 min Scan# 507  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.3  | 43.2  | 83.2  |
| 98      | 32.6  | 12.3  | 52.3  |

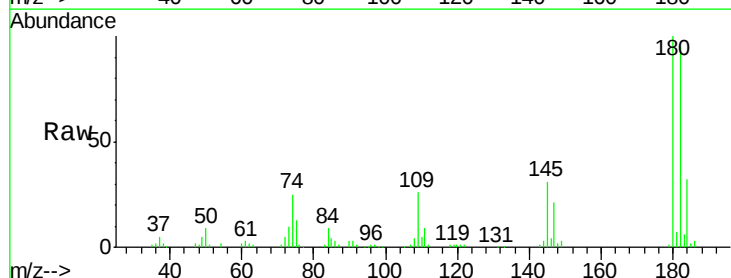


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

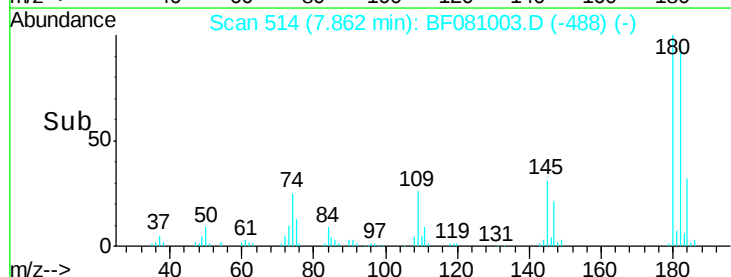
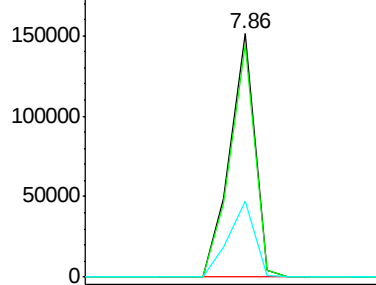


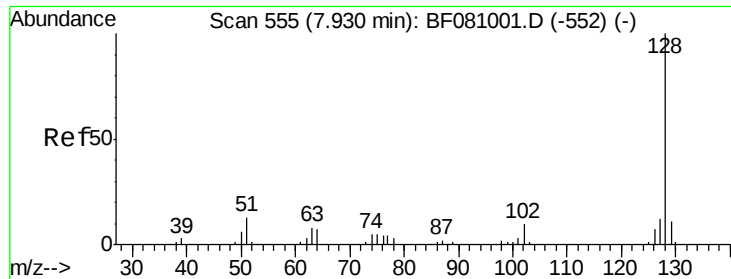
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.33 ng  
 RT: 7.86 min Scan# 514  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 76.4  | 114.6 |
| 145     | 30.9  | 25.4  | 38.2  |



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

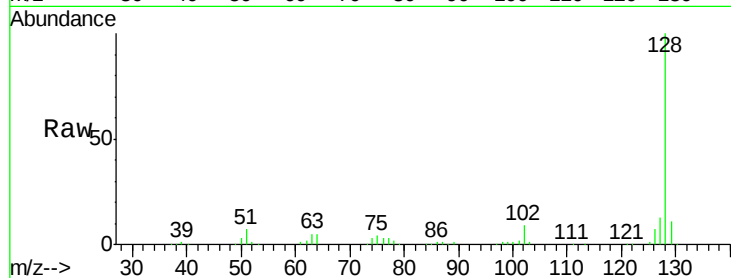




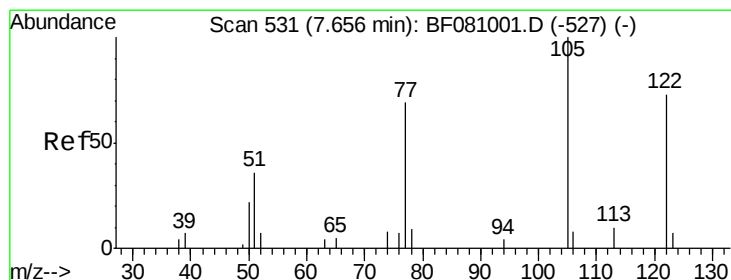
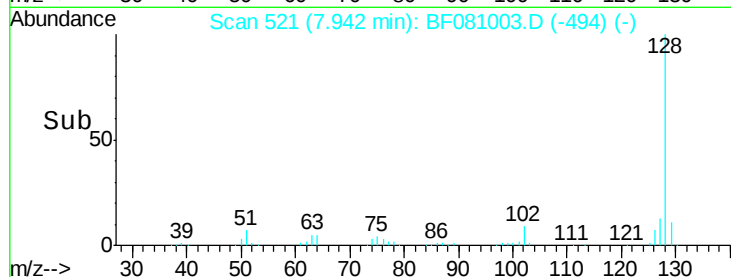
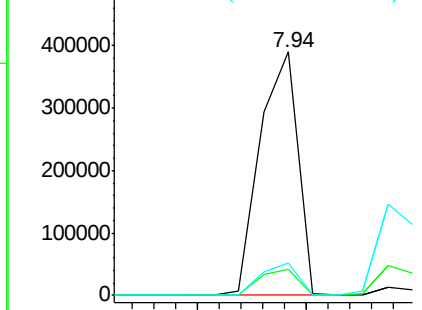
#31  
Naphthalene  
Concen: 37.26 ng  
RT: 7.94 min Scan# 521  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:128 Resp: 476253  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.4 12.6  
127 13.1 10.6 16.0

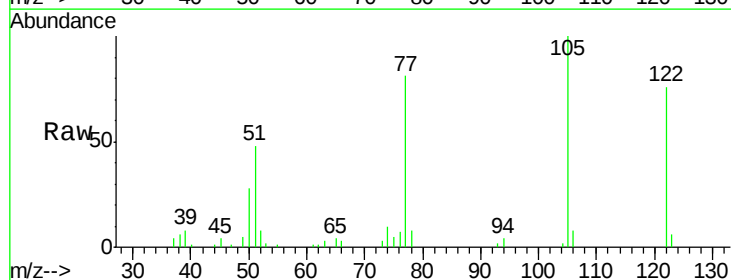


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

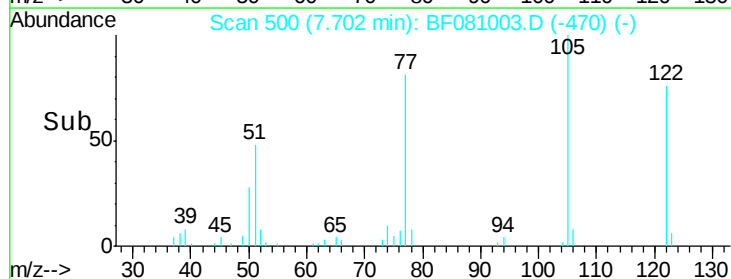
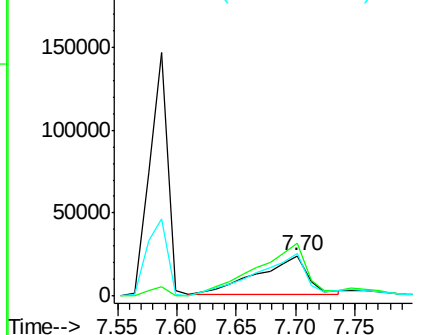


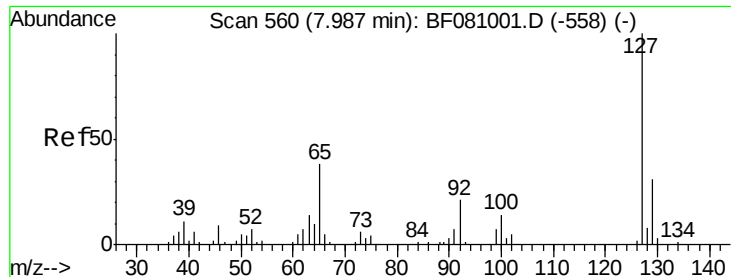
#32  
Benzoic acid  
Concen: 32.88 ng  
RT: 7.70 min Scan# 500  
Delta R.T. 0.05 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Tgt Ion:122 Resp: 68360  
Ion Ratio Lower Upper  
122 100  
105 132.1 113.8 153.8  
77 107.0 93.8 133.8



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

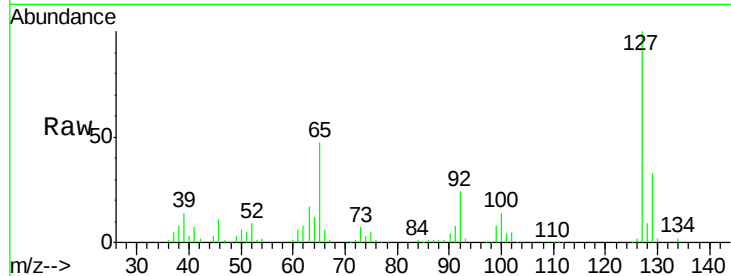




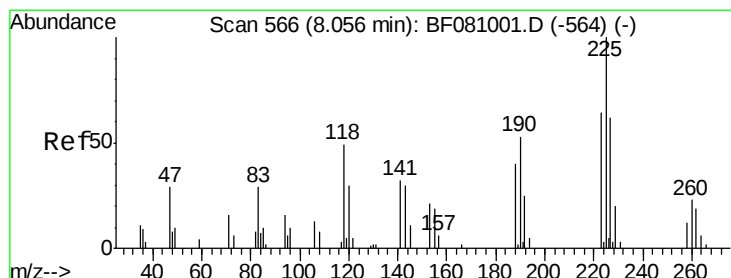
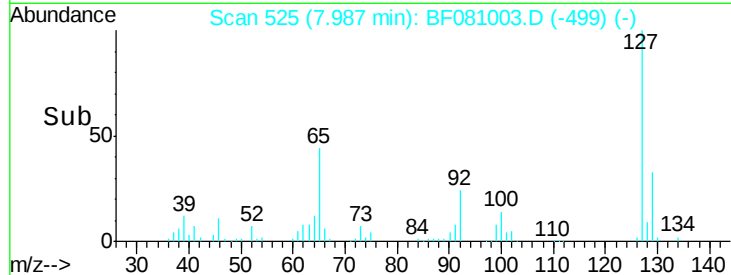
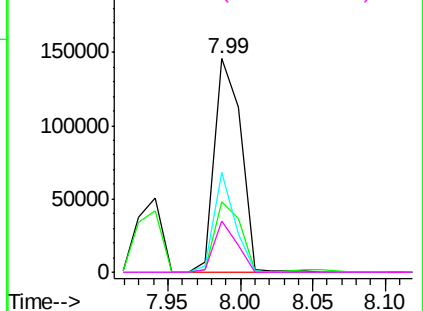
#33  
 4-Chloroaniline  
 Concen: 33.34 ng  
 RT: 7.99 min Scan# 525  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 184617 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 25.2  | 37.8   |
| 65       | 46.9  | 37.8  | 56.6   |
| 92       | 23.9  | 19.5  | 29.3   |

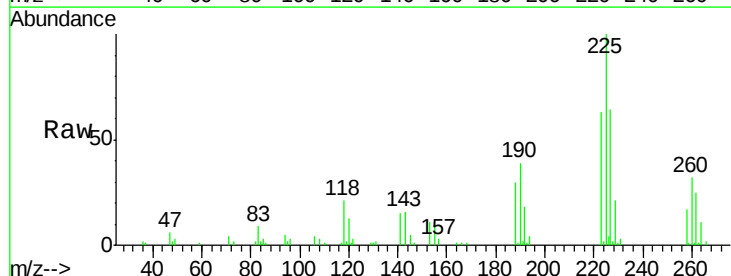


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF0  
 Ion 92.00 (91.70 to 92.70): BF0

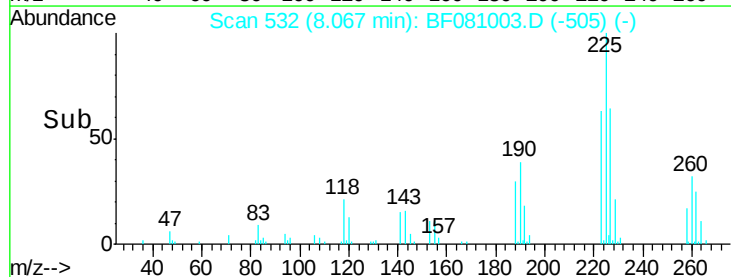
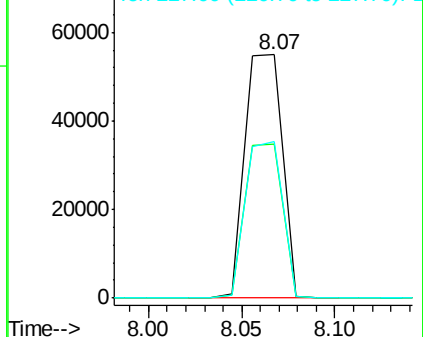


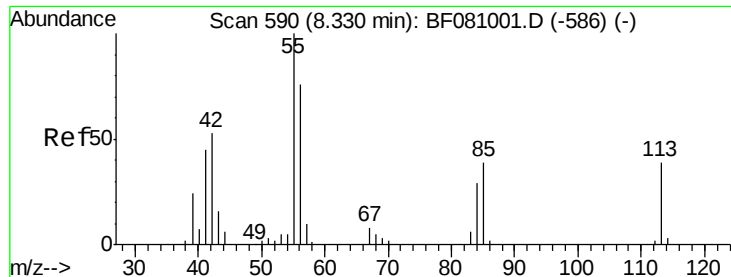
#34  
 Hexachlorobutadiene  
 Concen: 37.14 ng  
 RT: 8.07 min Scan# 532  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 76125 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.2  | 52.6  | 79.0  |
| 227      | 64.1  | 51.1  | 76.7  |



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

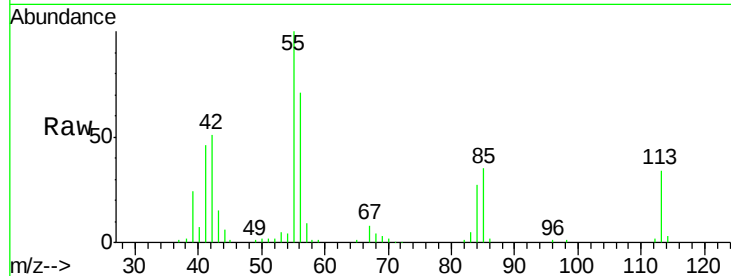




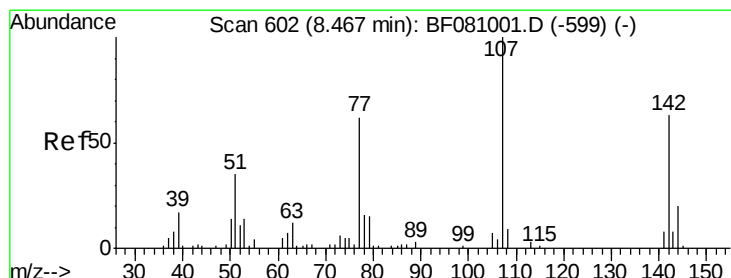
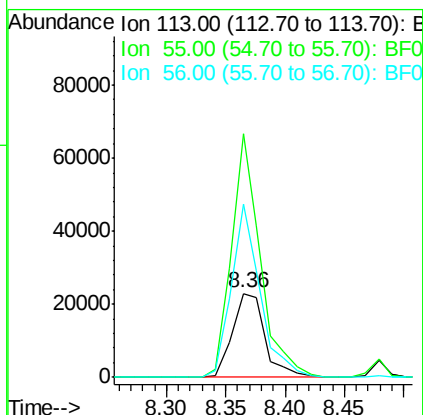
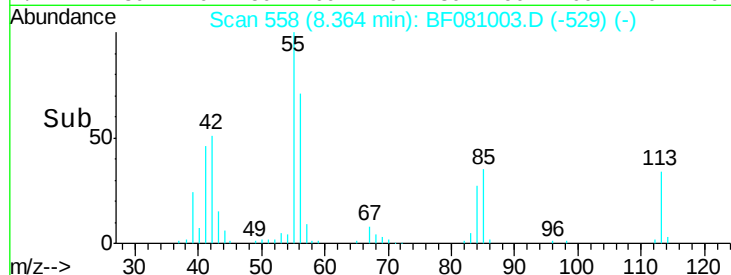
#35  
 Caprolactam  
 Concen: 38.44 ng  
 RT: 8.36 min Scan# 558  
 Delta R.T. 0.03 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:113 Resp: 43809  
 Ion Ratio Lower Upper  
 113 100  
 55 290.4 280.4 320.4  
 56 206.8 205.9 245.9

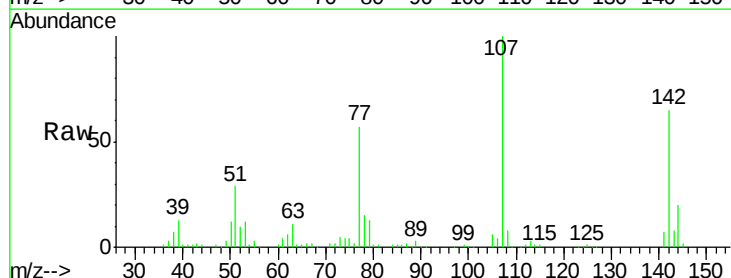


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

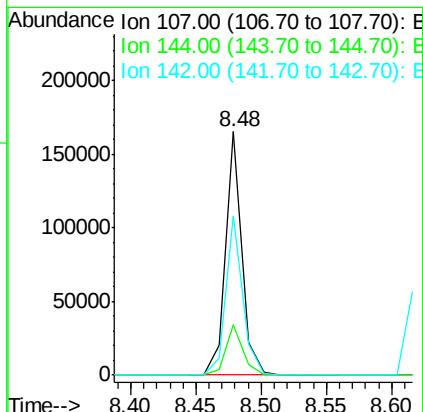
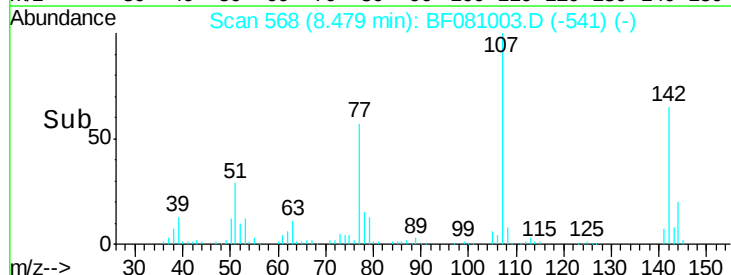


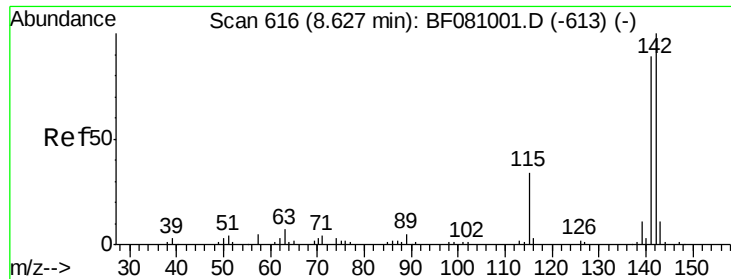
#36  
 4-Chloro-3-methylphenol  
 Concen: 36.91 ng  
 RT: 8.48 min Scan# 568  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion:107 Resp: 144755  
 Ion Ratio Lower Upper  
 107 100  
 144 20.5 17.2 25.8  
 142 65.1 54.9 82.3



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

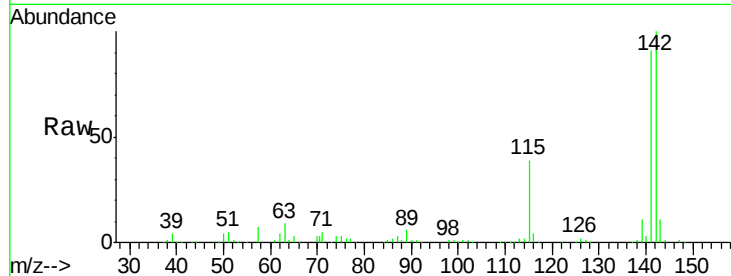




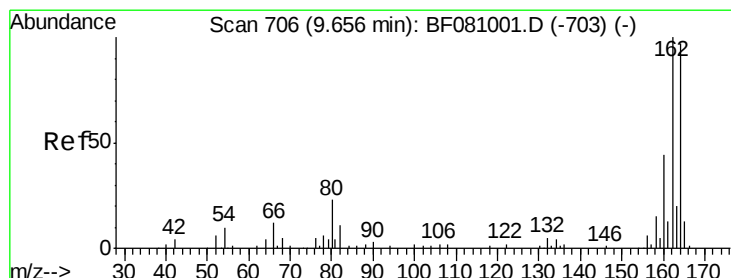
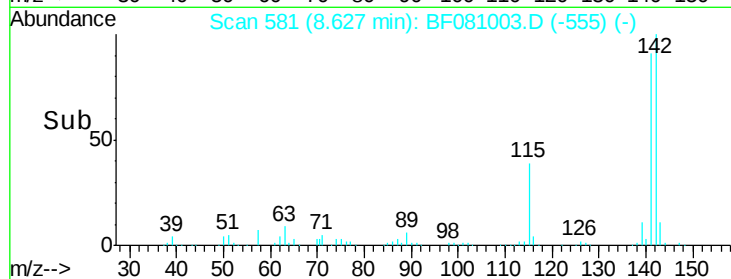
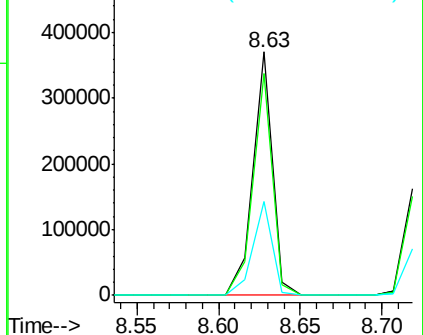
#37  
 2-Methylnaphthalene  
 Concen: 34.94 ng  
 RT: 8.63 min Scan# 581  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.0  | 71.4  | 107.2 |
| 115     | 38.7  | 33.4  | 50.0  |

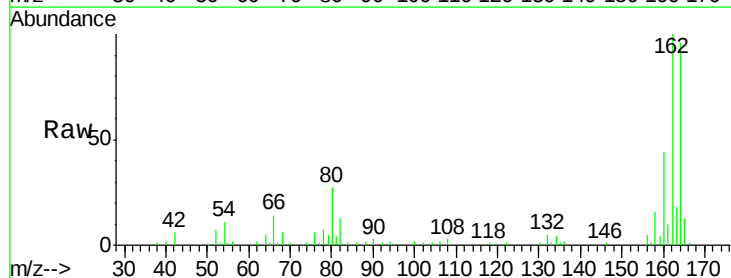


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

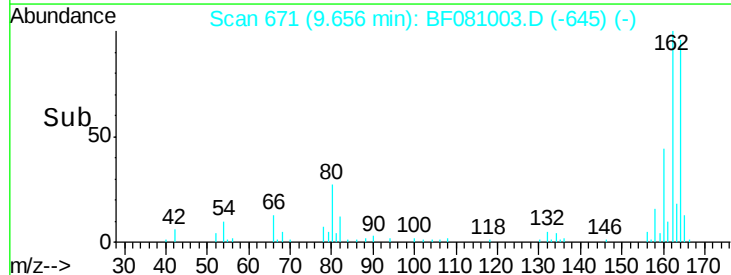
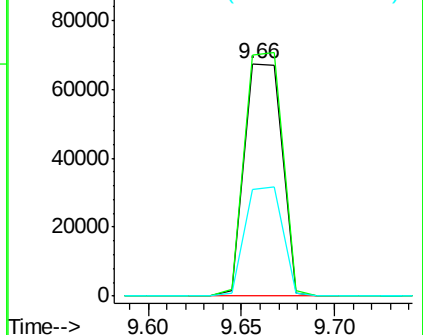


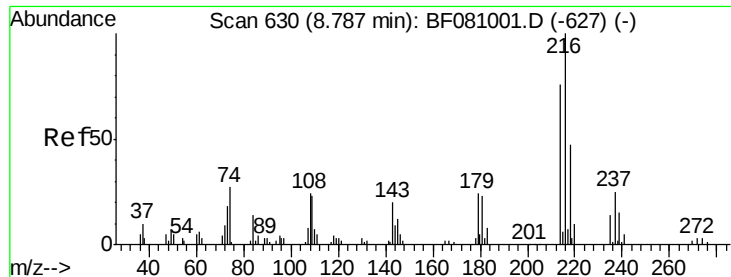
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.66 min Scan# 671  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.0 | 83.8  | 125.8 |
| 160     | 45.7  | 39.8  | 59.8  |



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

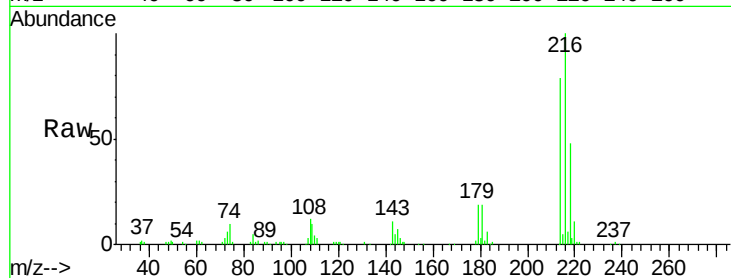




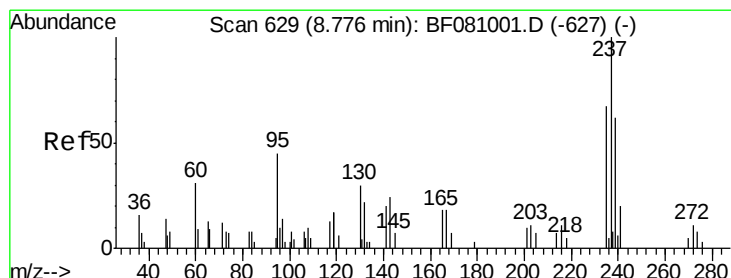
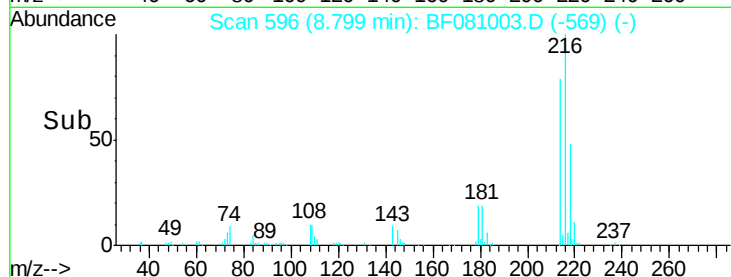
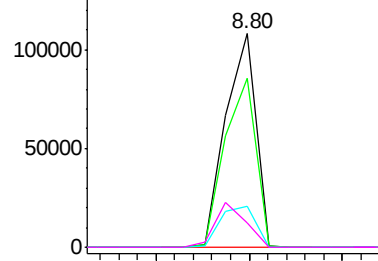
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.41 ng  
 RT: 8.80 min Scan# 596  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 121858 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.8  | 63.8  | 95.8   |
| 179      | 22.4  | 17.8  | 26.8   |
| 108      | 21.4  | 16.2  | 24.2   |

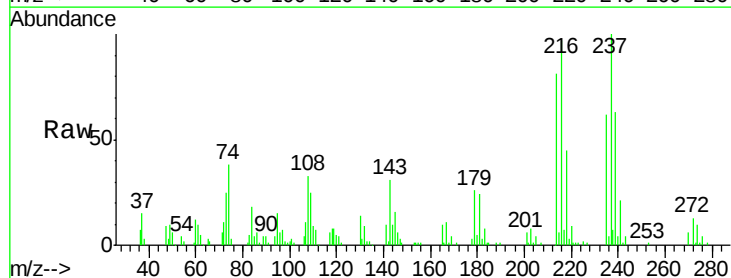


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

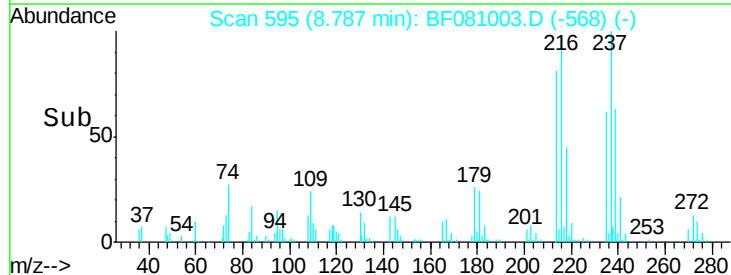
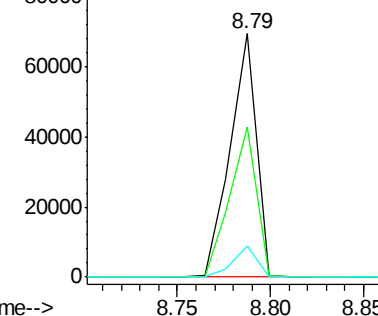


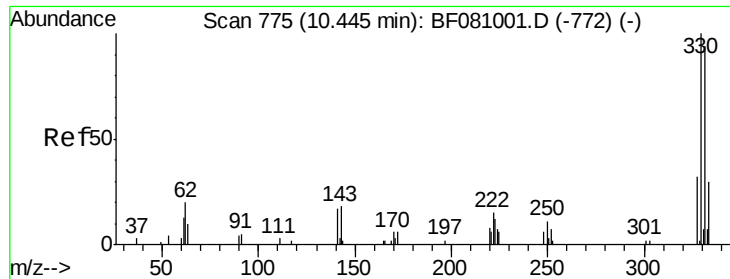
#40  
 Hexachlorocyclopentadiene  
 Concen: 44.34 ng  
 RT: 8.79 min Scan# 595  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 67327 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 61.5  | 43.6  | 83.6  |
| 272      | 12.9  | 0.0   | 32.2  |



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

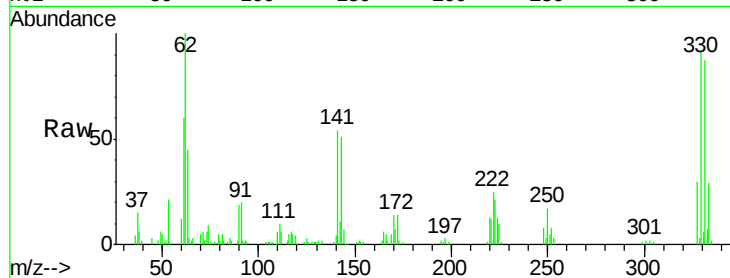




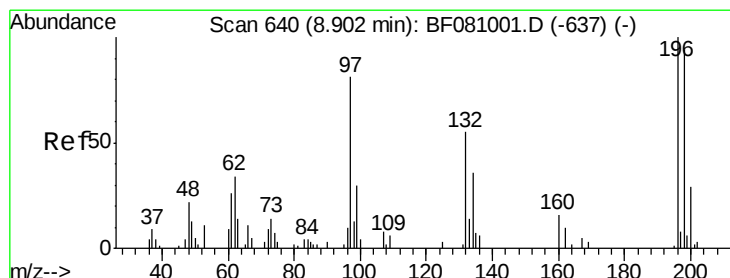
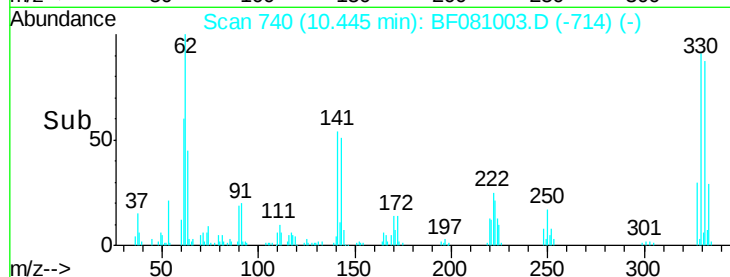
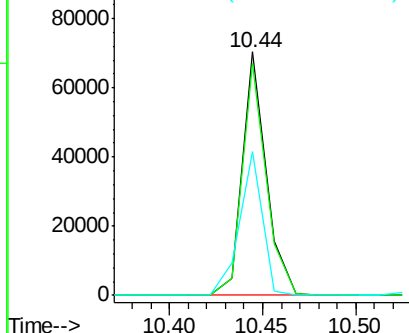
#41  
 2,4,6-Tribromophenol  
 Concen: 33.59 ng  
 RT: 10.44 min Scan# 740  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:330 Resp: 62614  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 77.3 115.9  
 141 57.5 44.9 67.3

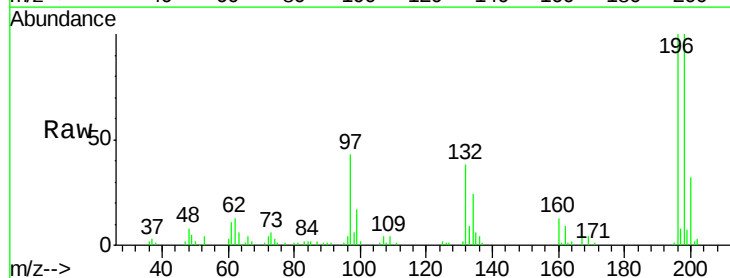


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

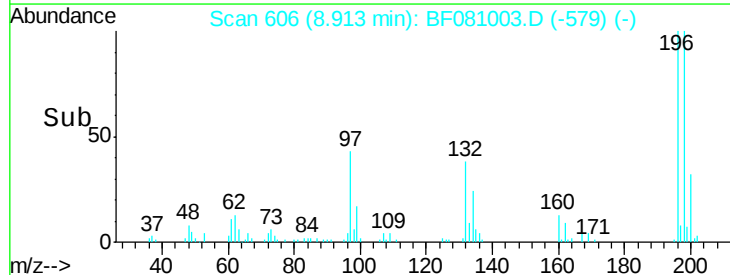
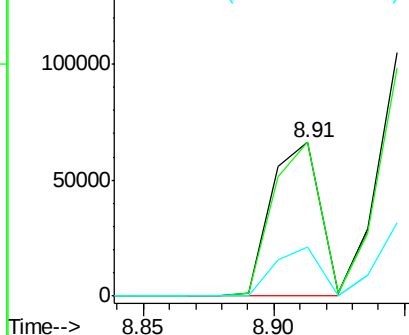


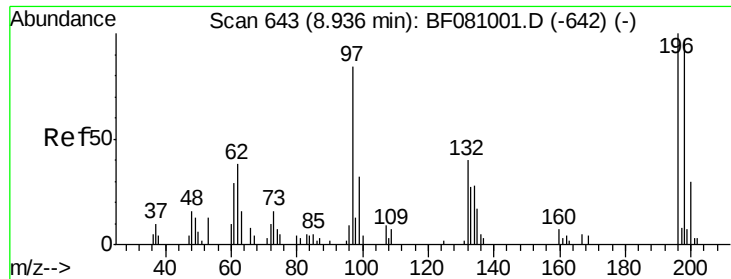
#42  
 2,4,6-Trichlorophenol  
 Concen: 37.60 ng  
 RT: 8.91 min Scan# 606  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion:196 Resp: 85899  
 Ion Ratio Lower Upper  
 196 100  
 198 99.9 74.6 111.8  
 200 32.3 22.7 34.1



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

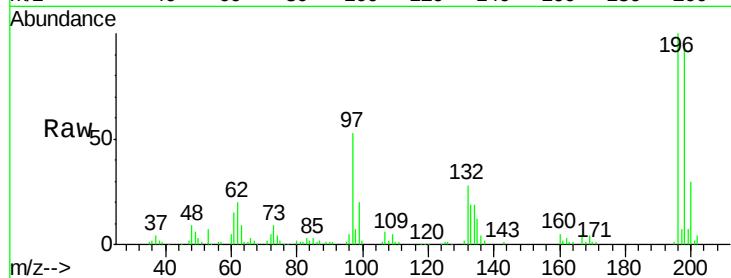




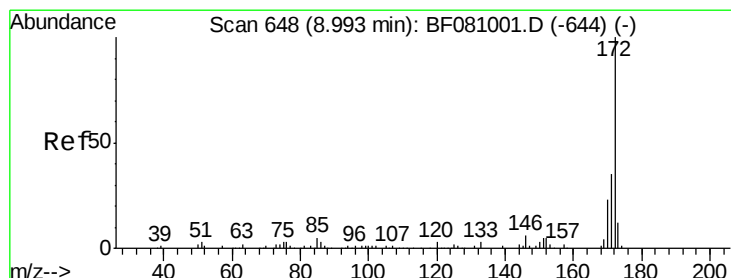
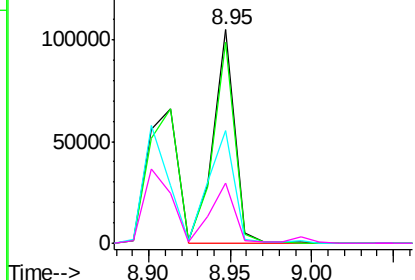
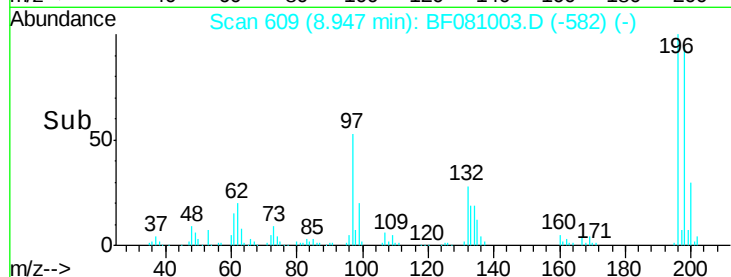
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.87 ng  
 RT: 8.95 min Scan# 609  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:196 Resp: 96325  
 Ion Ratio Lower Upper  
 196 100  
 198 93.9 78.3 117.5  
 97 52.8 42.7 64.1  
 132 28.4 23.3 34.9

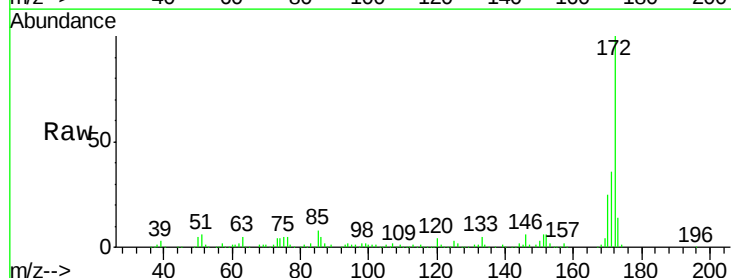


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

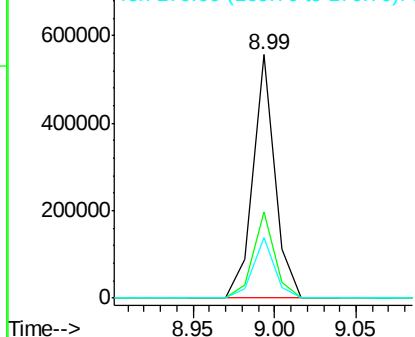
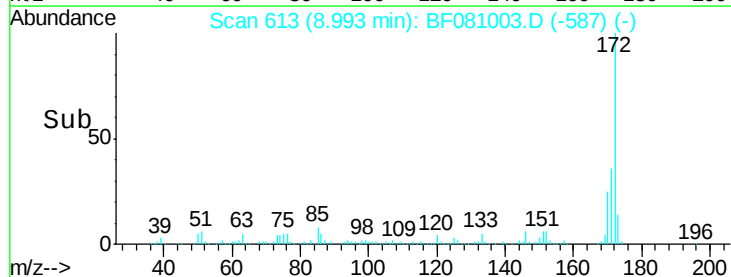


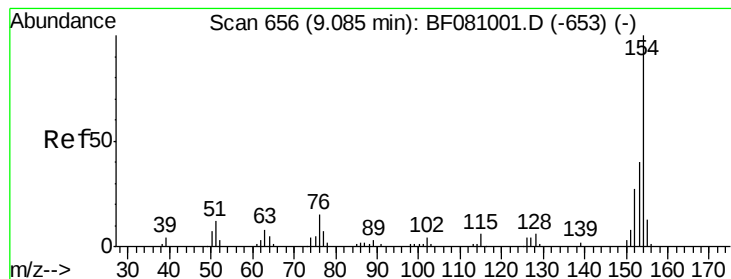
#44  
 2-Fluorobiphenyl  
 Concen: 29.68 ng  
 RT: 8.99 min Scan# 613  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion:172 Resp: 519624  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 28.9 43.3  
 170 24.7 19.4 29.2



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





#45

1,1'-Biphenyl

Concen: 40.01 ng

RT: 9.10 min Scan# 622

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

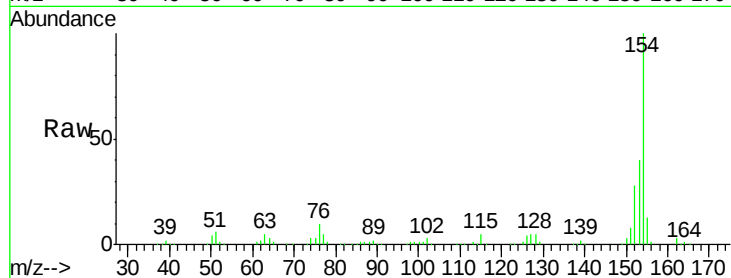
Tgt Ion:154 Resp: 368187

Ion Ratio Lower Upper

154 100

153 40.0 19.5 59.5

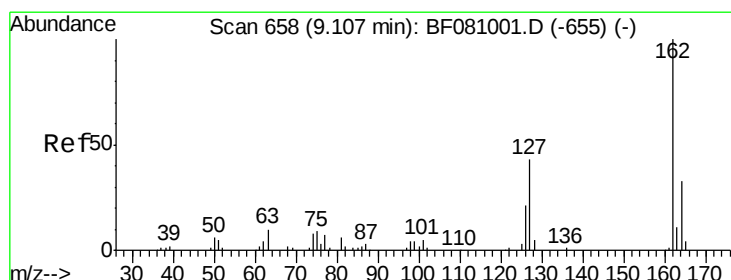
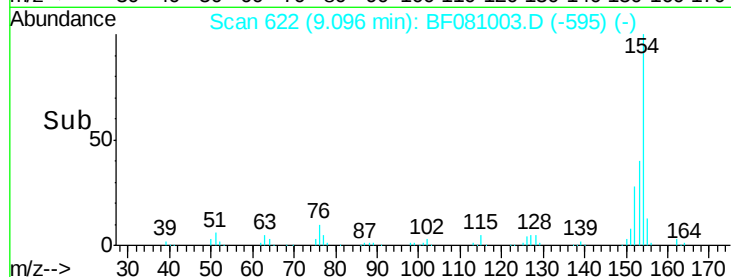
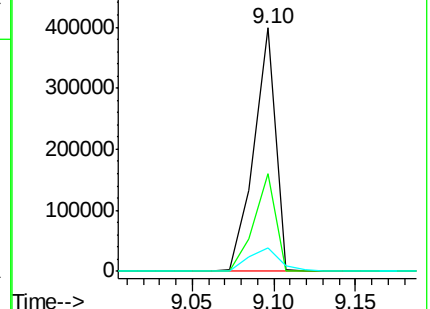
76 9.8 0.0 29.3



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: 34.51 ng

RT: 9.11 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

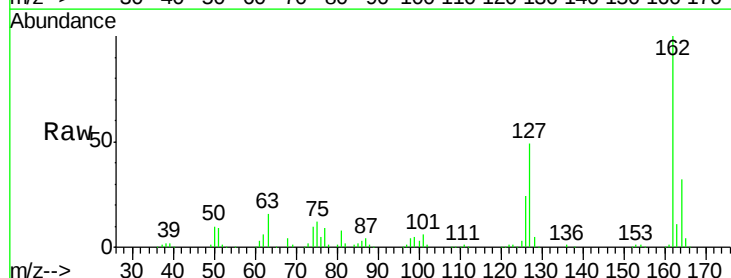
Tgt Ion:162 Resp: 260415

Ion Ratio Lower Upper

162 100

127 49.0 31.3 46.9#

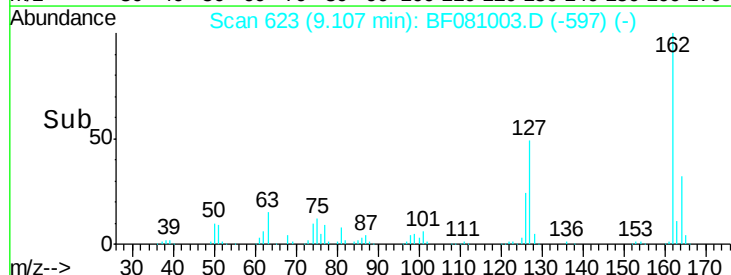
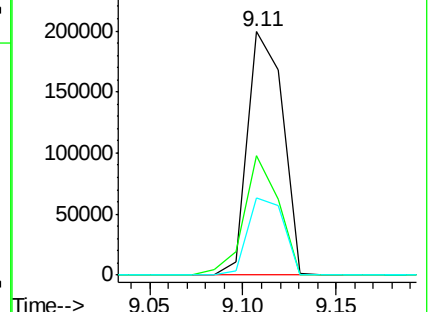
164 31.8 26.3 39.5

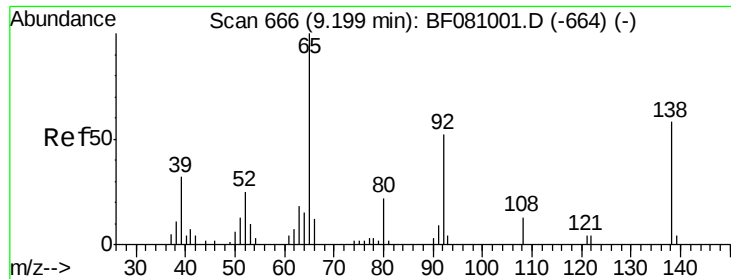


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

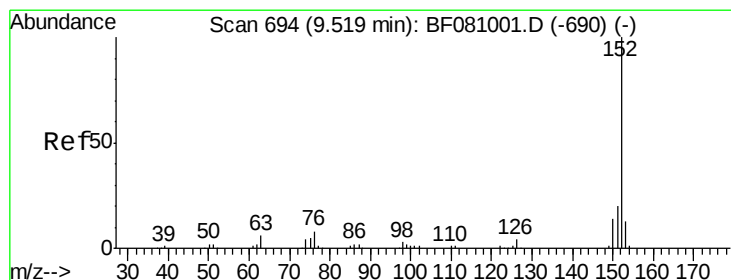
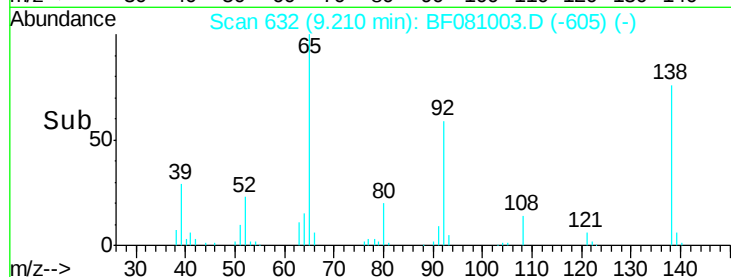
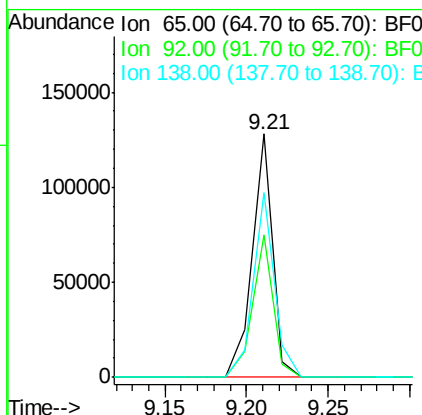
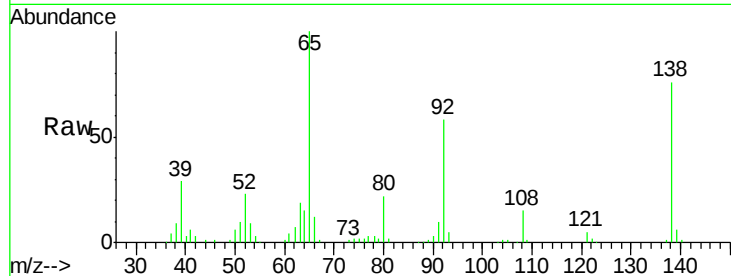




#47  
 2-Nitroaniline  
 Concen: 37.26 ng  
 RT: 9.21 min Scan# 632  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

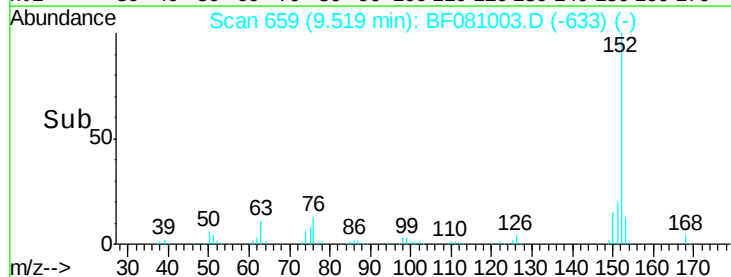
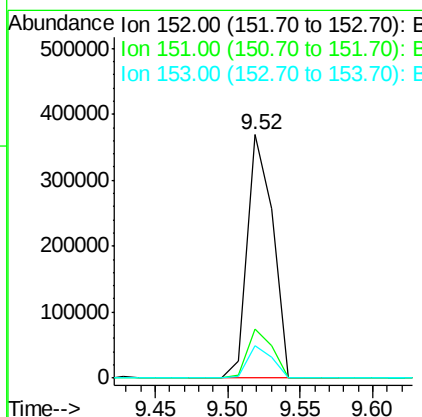
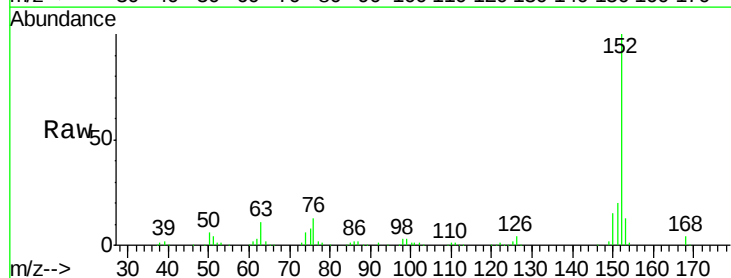
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

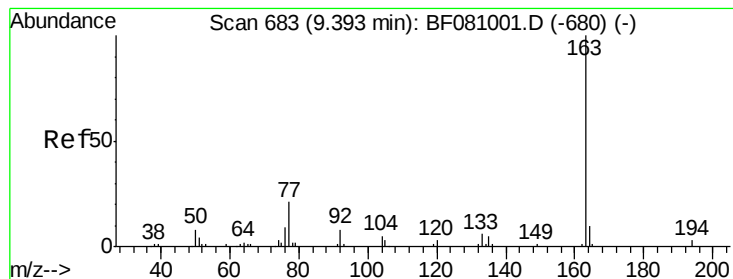
Tgt Ion: 65 Resp: 111402  
 Ion Ratio Lower Upper  
 65 100  
 92 58.3 45.6 68.4  
 138 75.7 57.9 86.9



#48  
 Acenaphthylene  
 Concen: 32.32 ng  
 RT: 9.52 min Scan# 659  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion: 152 Resp: 448464  
 Ion Ratio Lower Upper  
 152 100  
 151 20.1 16.1 24.1  
 153 13.4 9.8 14.6





#49

Dimethylphthalate

Concen: 37.29 ng

RT: 9.40 min Scan# 649

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

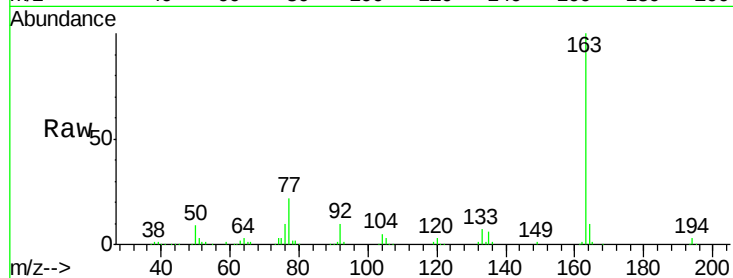
Tgt Ion:163 Resp: 334699

Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

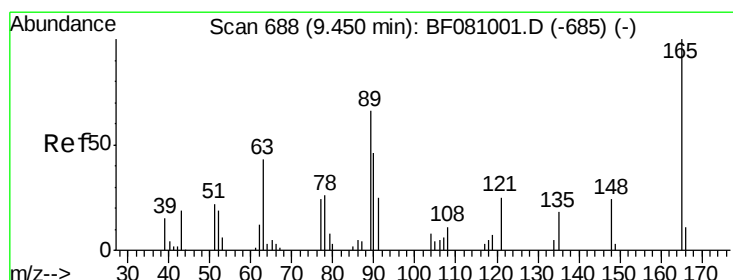
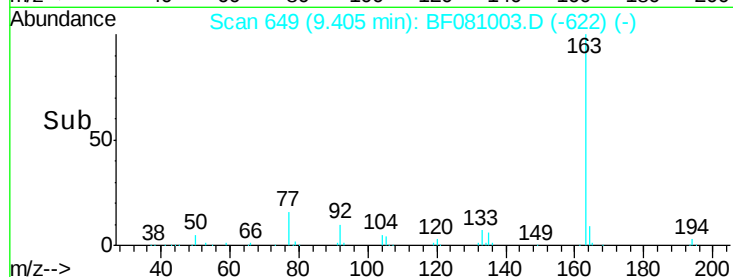
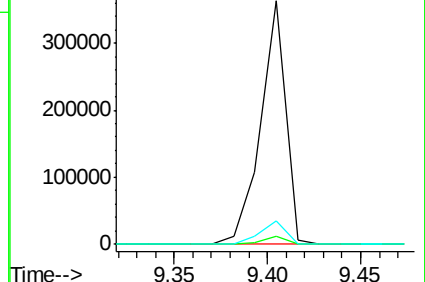
164 9.8 8.1 12.1



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: 39.24 ng

RT: 9.46 min Scan# 654

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

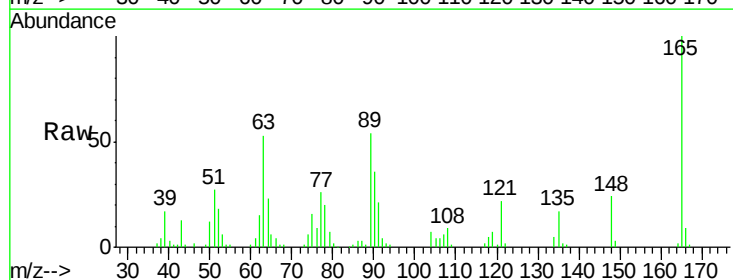
Tgt Ion:165 Resp: 72600

Ion Ratio Lower Upper

165 100

63 52.6 49.5 74.3

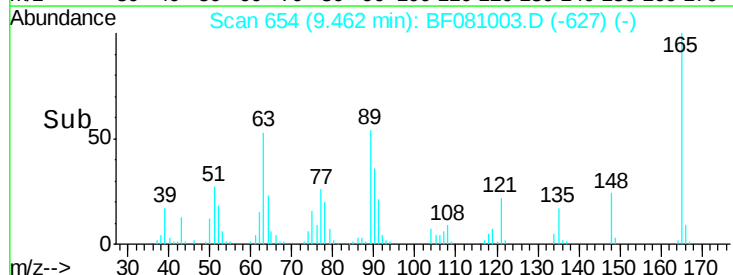
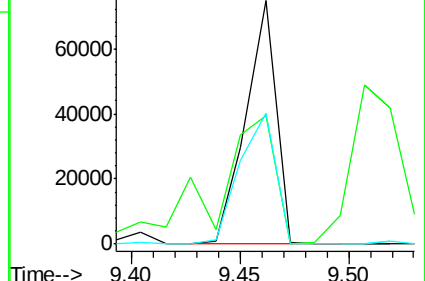
89 53.8 47.6 71.4

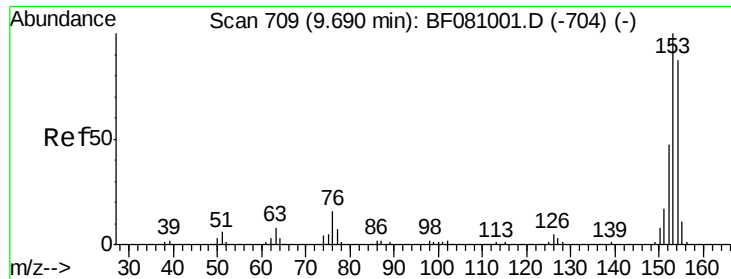


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.82 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

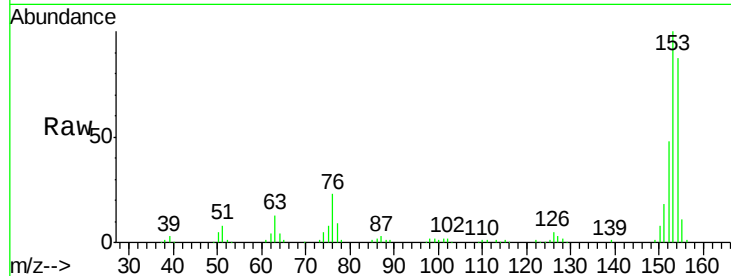
Tgt Ion:154 Resp: 280048

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

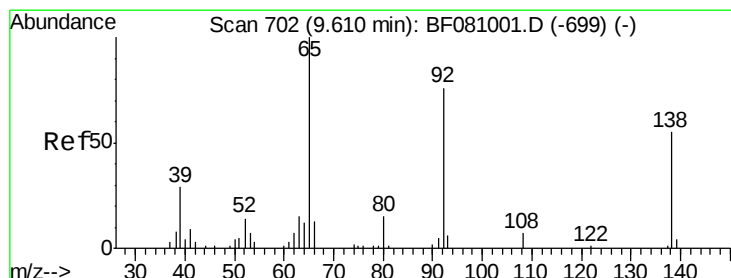
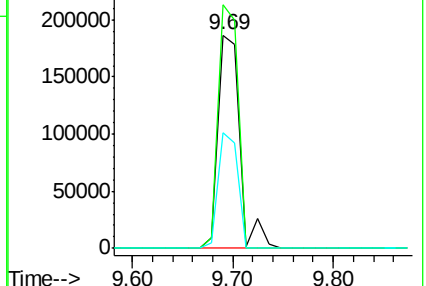
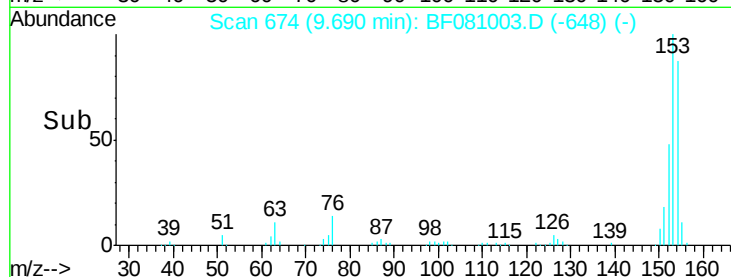
152 54.4 43.7 65.5



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: 34.95 ng

RT: 9.62 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

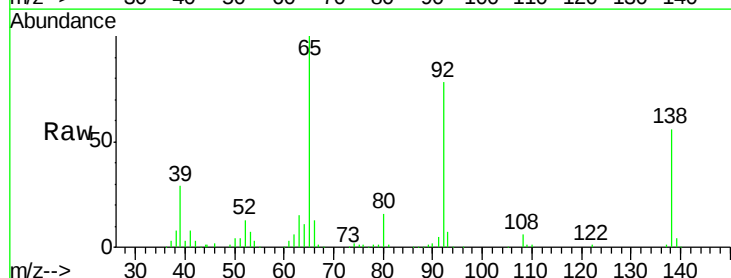
Tgt Ion:138 Resp: 81503

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.2

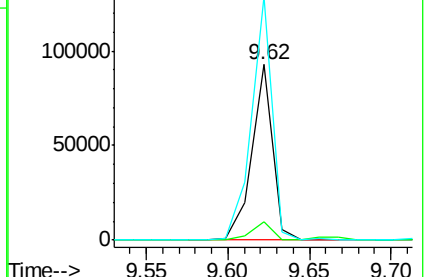
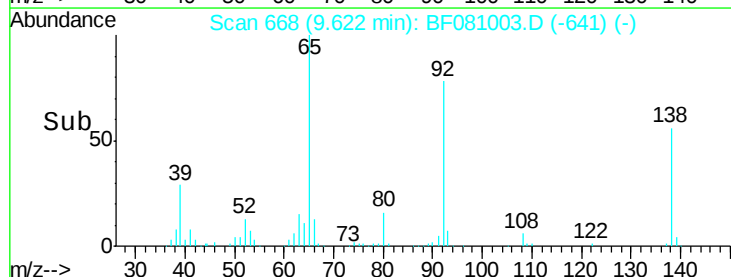
92 138.9 113.2 169.8

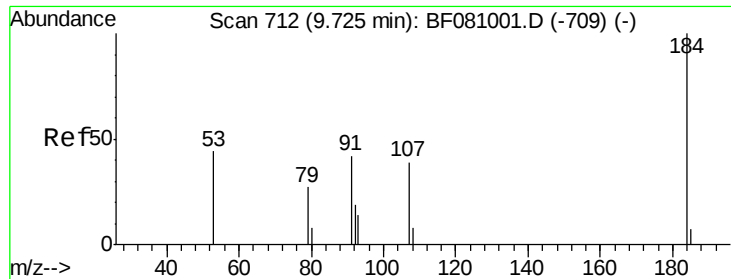


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

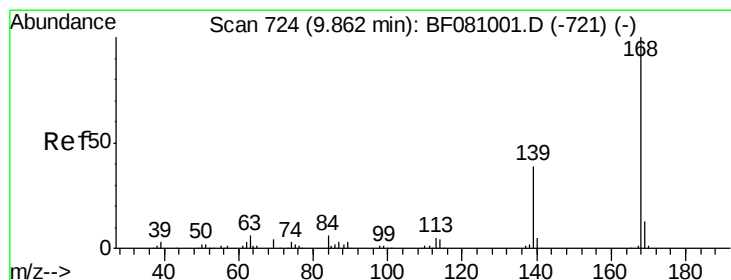
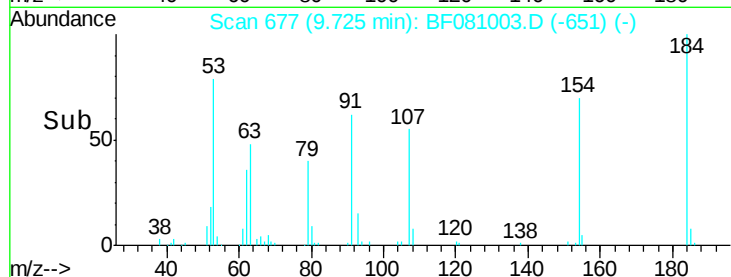
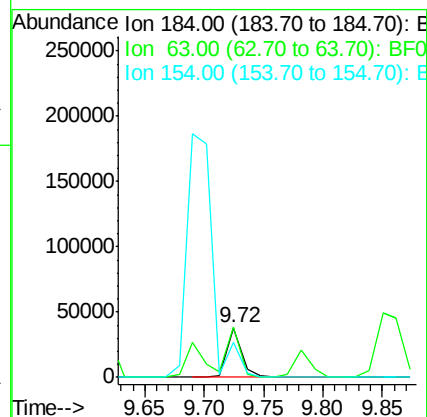
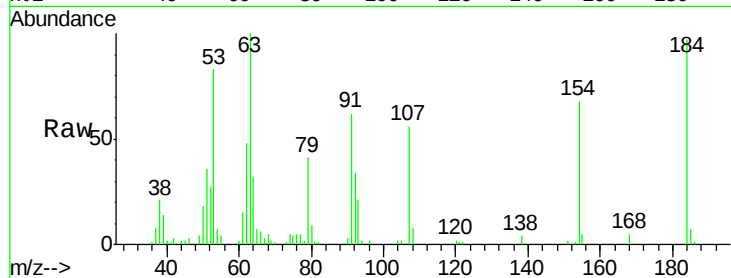




#53  
2,4-Dinitrophenol  
Concen: 49.76 ng  
RT: 9.72 min Scan# 677  
Delta R.T. -0.00 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

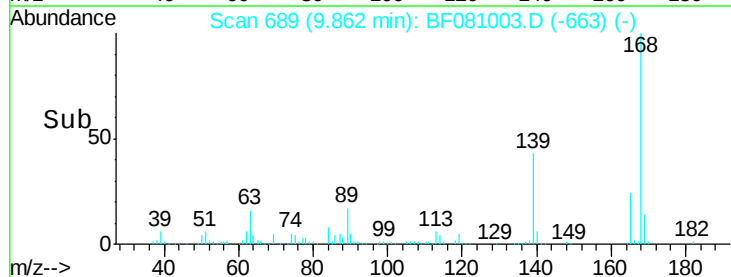
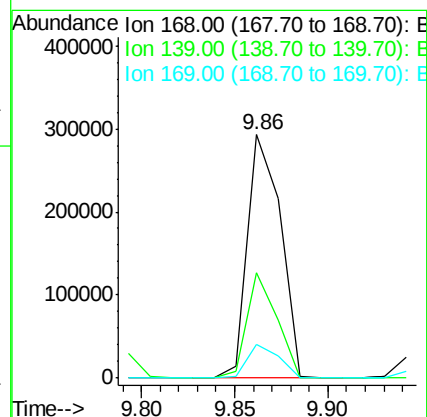
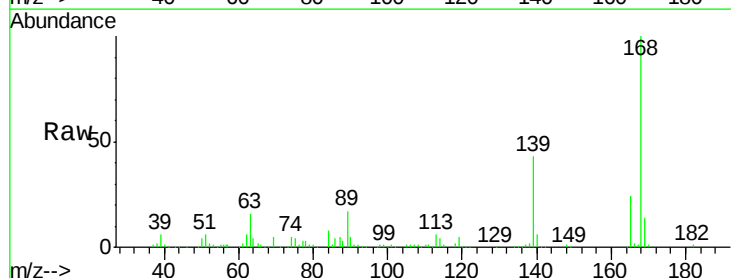
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

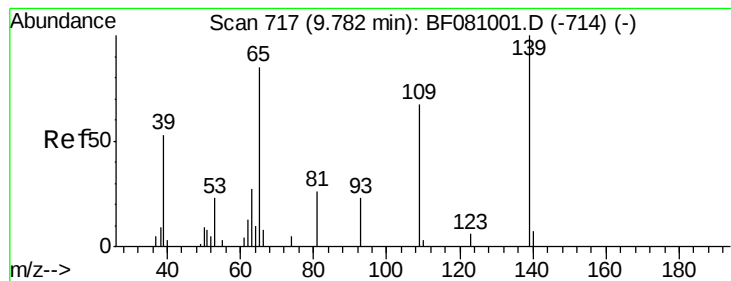
Tgt Ion:184 Resp: 32943  
Ion Ratio Lower Upper  
184 100  
63 102.9 101.7 152.5  
154 70.1 67.4 101.0



#54  
Dibenzofuran  
Concen: 31.94 ng  
RT: 9.86 min Scan# 689  
Delta R.T. -0.00 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Tgt Ion:168 Resp: 360231  
Ion Ratio Lower Upper  
168 100  
139 43.3 29.3 43.9  
169 13.8 10.3 15.5





#55

4-Nitrophenol

Concen: 36.69 ng

RT: 9.78 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

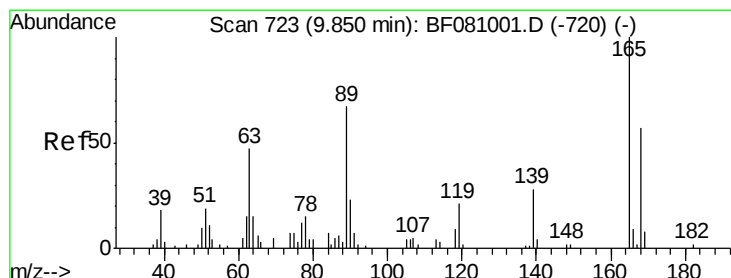
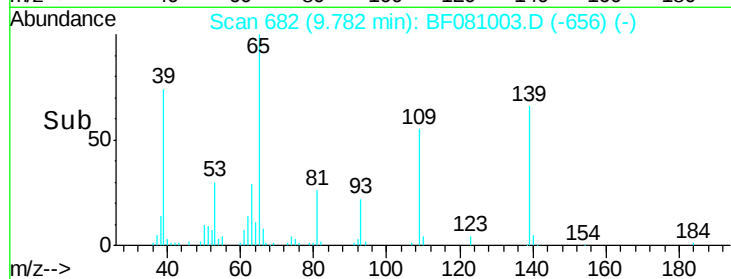
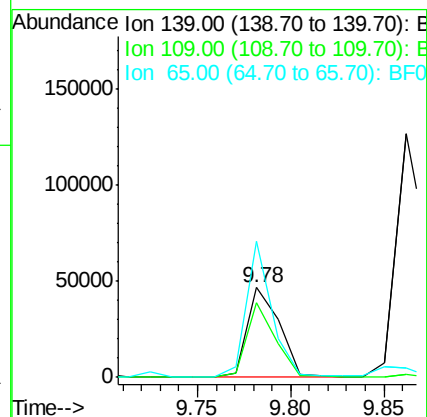
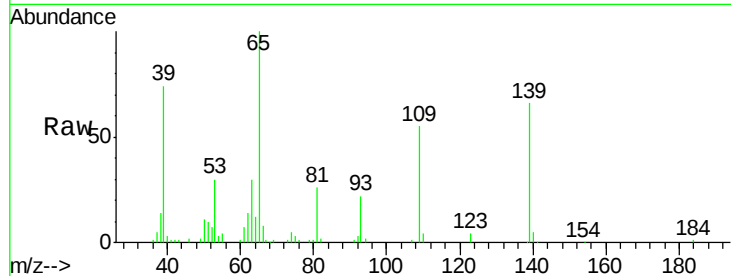
Tgt Ion:139 Resp: 56004

Ion Ratio Lower Upper

139 100

109 82.9 80.0 120.0

65 151.6 138.3 178.3



#56

2,4-Dinitrotoluene

Concen: 36.65 ng

RT: 9.86 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Tgt Ion:165 Resp: 91209

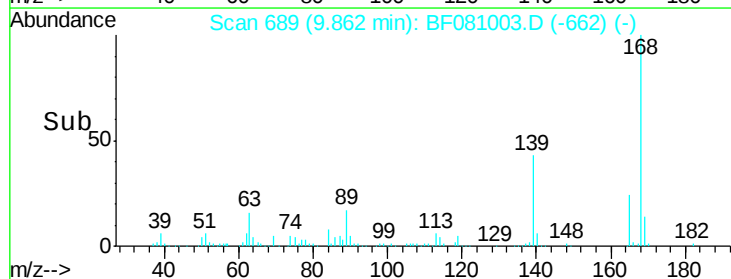
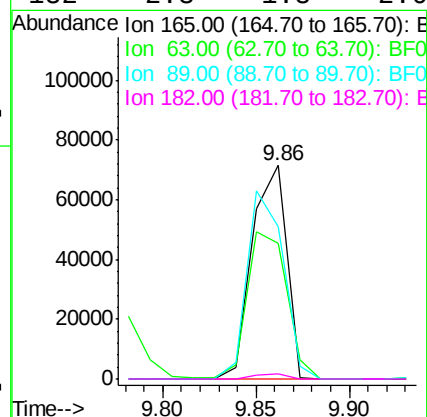
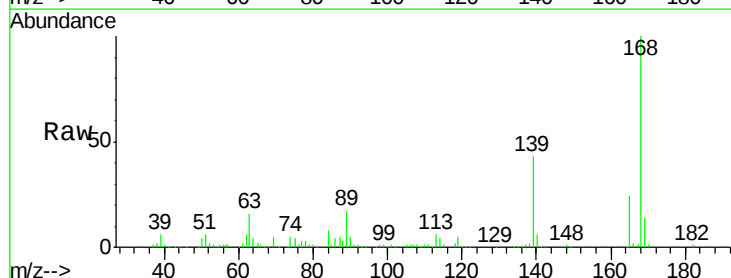
Ion Ratio Lower Upper

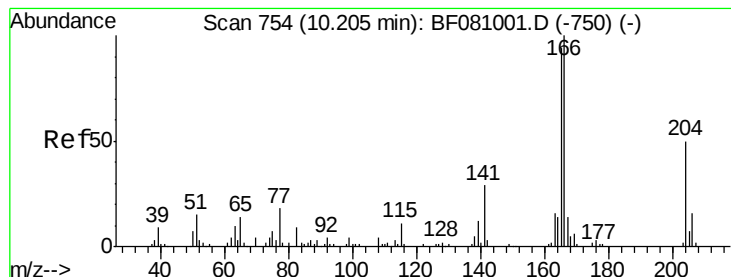
165 100

63 63.6 52.2 78.4

89 71.5 60.1 90.1

182 2.3 1.8 2.6





#57

Fluorene

Concen: 31.29 ng

RT: 10.20 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

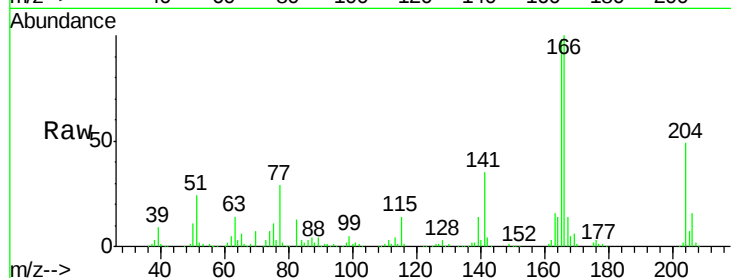
Tgt Ion:166 Resp: 278788

Ion Ratio Lower Upper

166 100

165 98.4 75.8 113.8

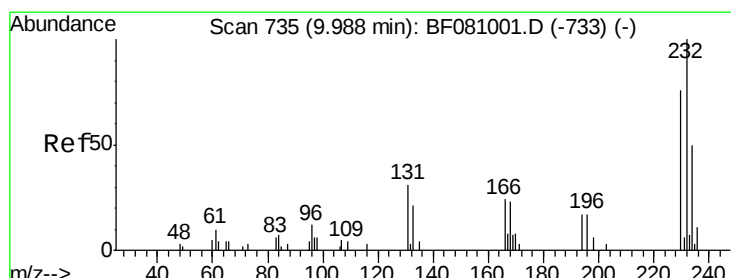
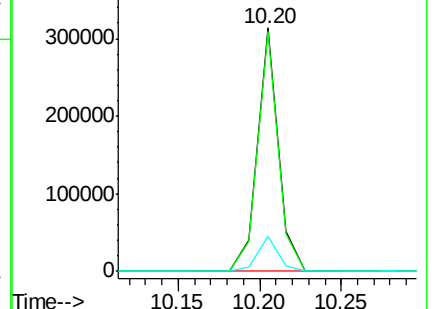
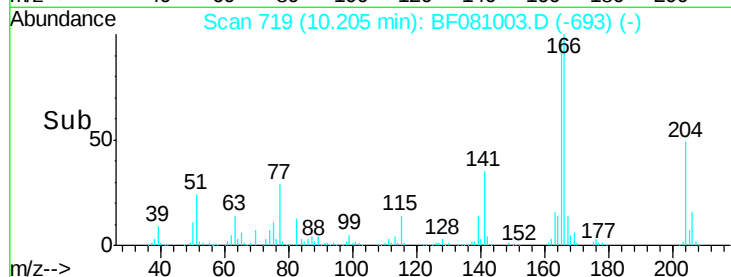
167 14.2 11.3 16.9



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: 38.62 ng

RT: 9.94 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Tgt Ion:232 Resp: 69426

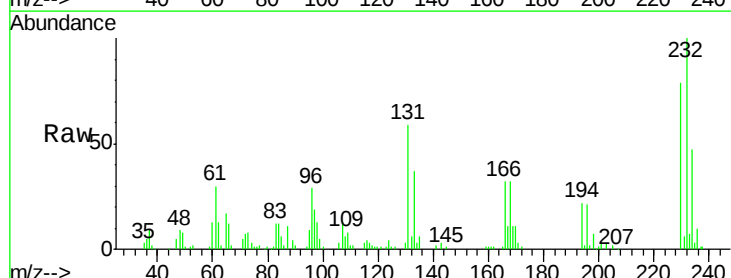
Ion Ratio Lower Upper

232 100

131 54.6 42.2 63.4

130 2.4 2.1 3.1

166 29.9 22.4 33.6

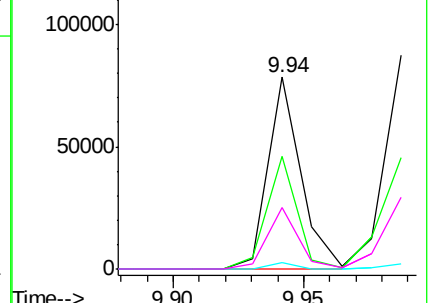
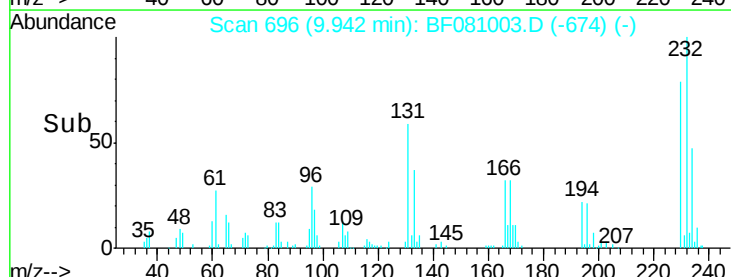


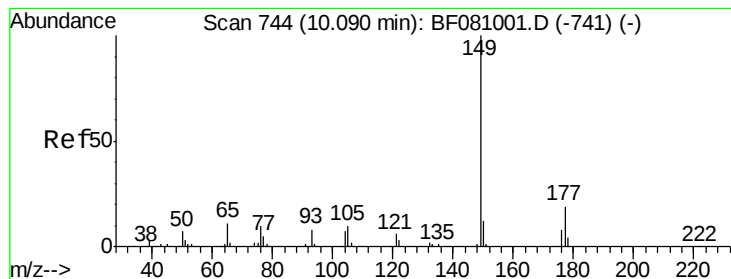
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.49 ng

RT: 10.10 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

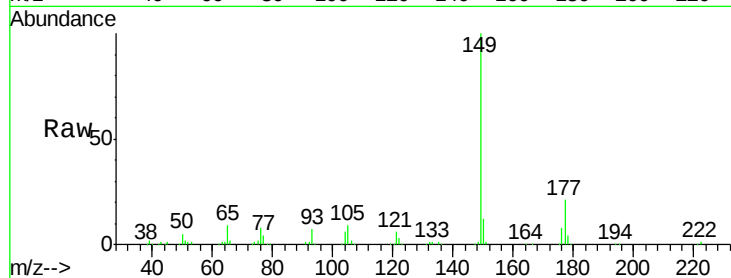
Tgt Ion:149 Resp: 339039

Ion Ratio Lower Upper

149 100

177 21.0 14.1 21.1

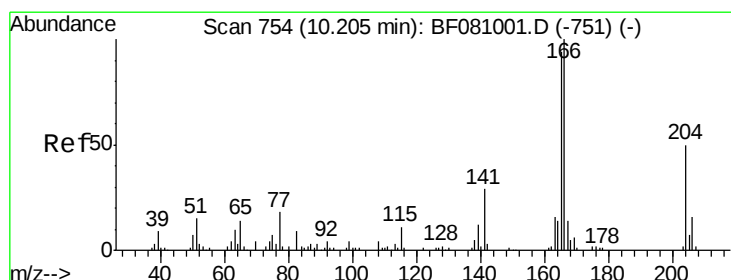
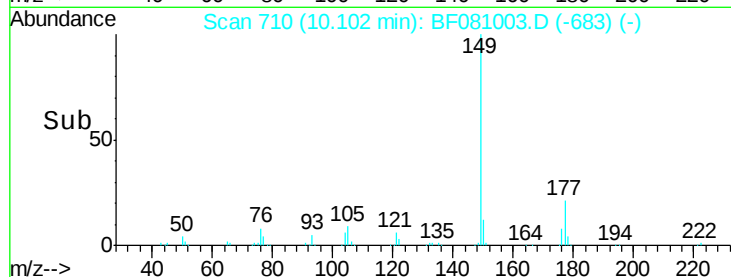
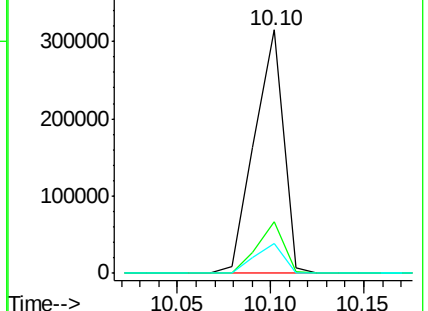
150 12.1 10.3 15.5



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: 31.77 ng

RT: 10.20 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

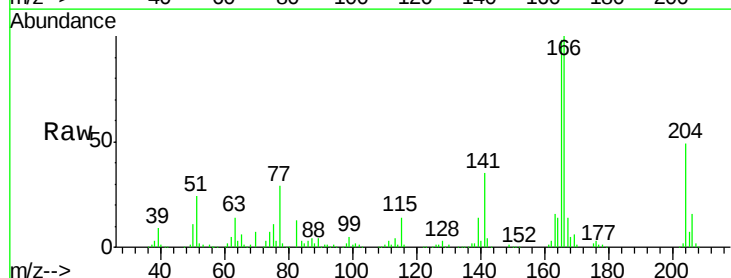
Tgt Ion:204 Resp: 126854

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

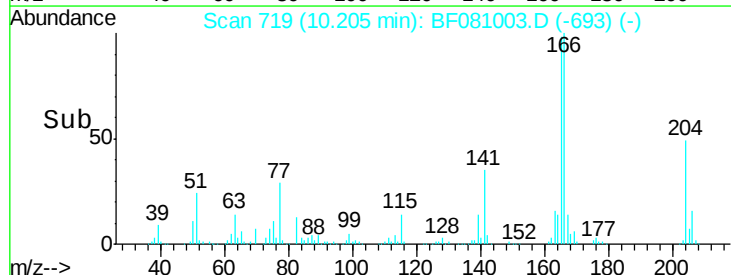
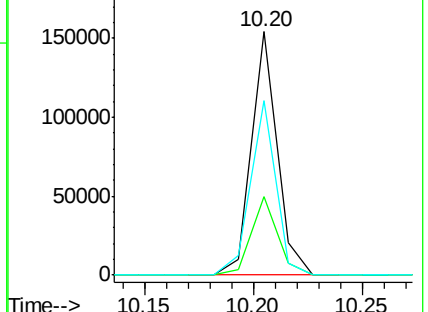
141 71.9 59.6 89.4

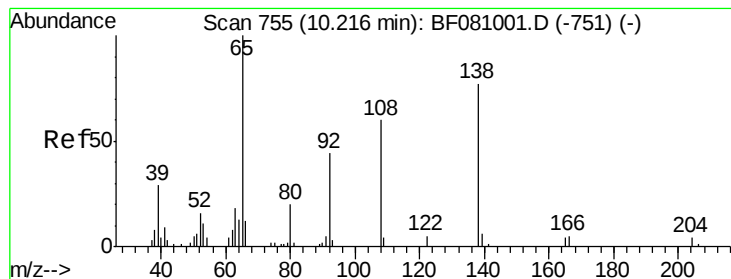


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.63 ng

RT: 10.23 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

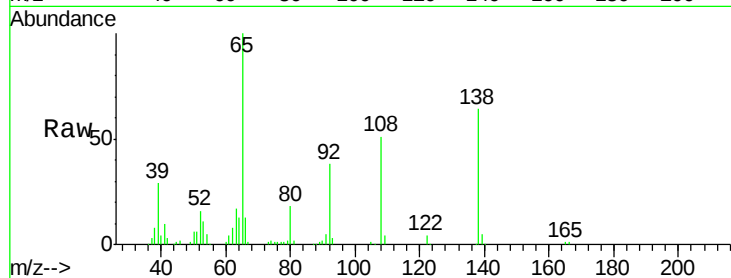
Tgt Ion:138 Resp: 83695

Ion Ratio Lower Upper

138 100

92 60.1 34.7 74.7

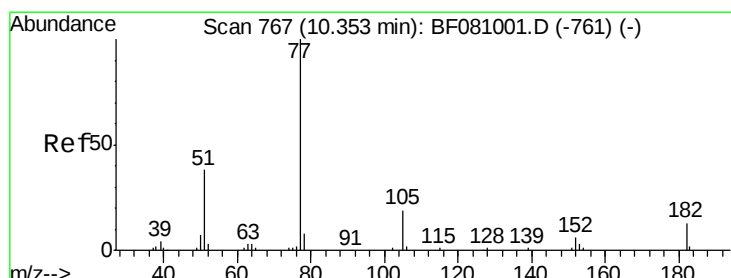
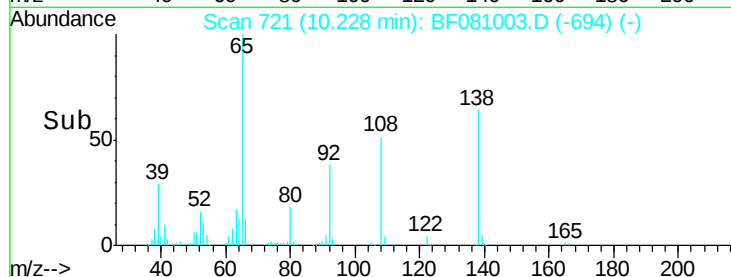
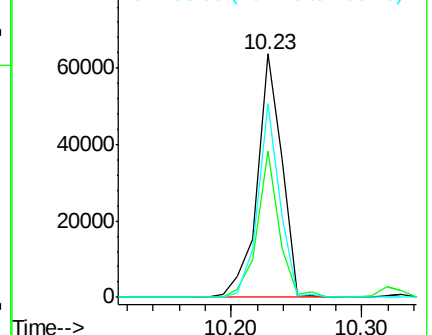
108 79.8 68.9 108.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.37 ng

RT: 10.36 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Tgt Ion: 77 Resp: 407696

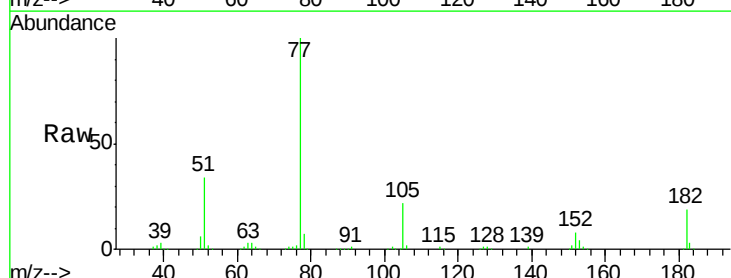
Ion Ratio Lower Upper

77 100

182 19.2 0.0 39.0

105 21.7 0.2 40.2

51 34.1 18.0 58.0

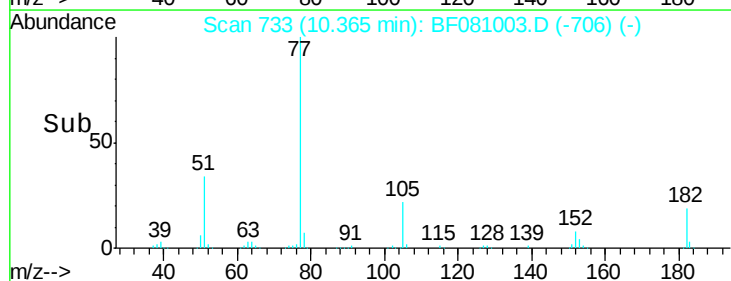
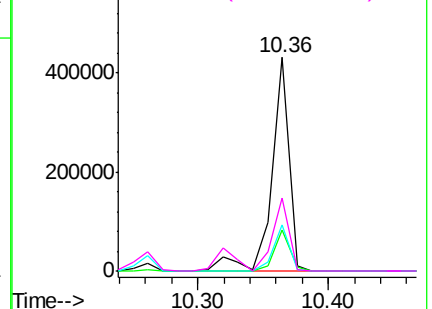


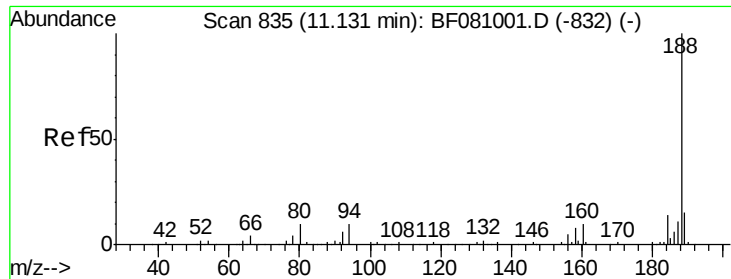
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

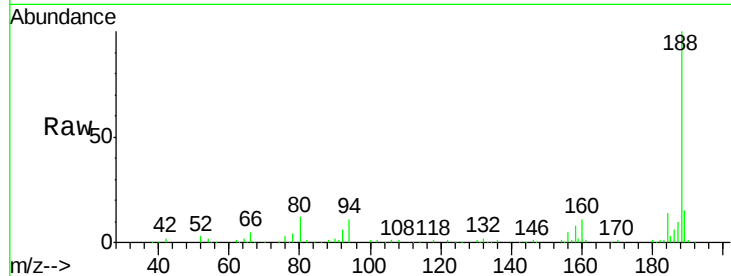




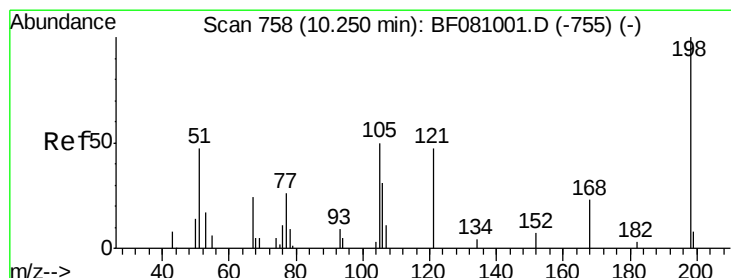
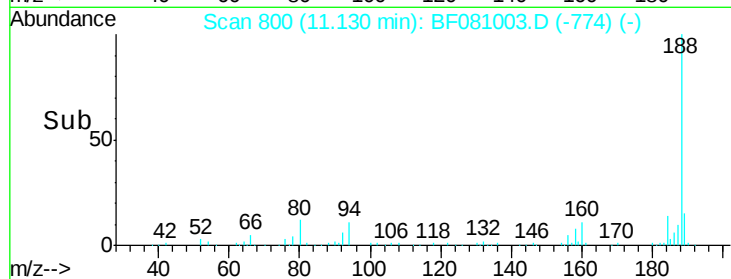
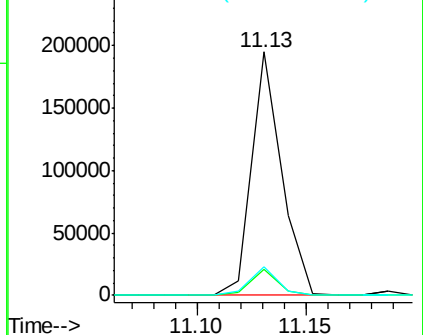
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.13 min Scan# 800  
Delta R.T. -0.00 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:188 Resp: 186460  
Ion Ratio Lower Upper  
188 100  
94 10.8 8.2 12.2  
80 11.8 9.5 14.3

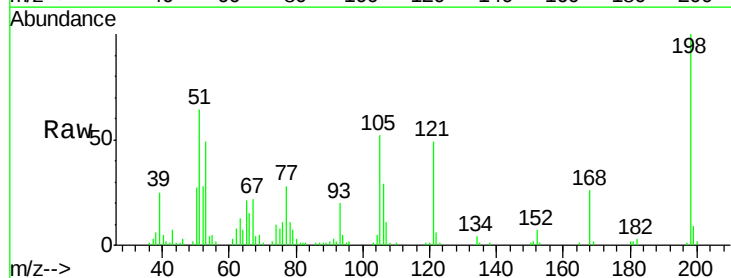


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

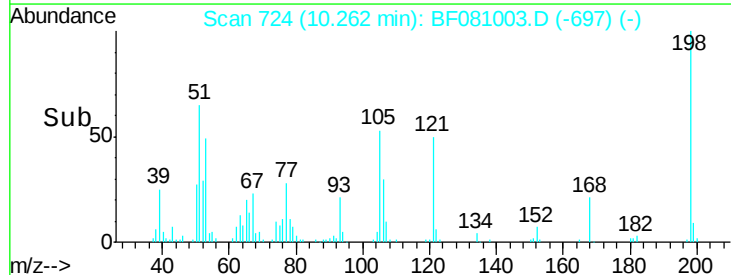
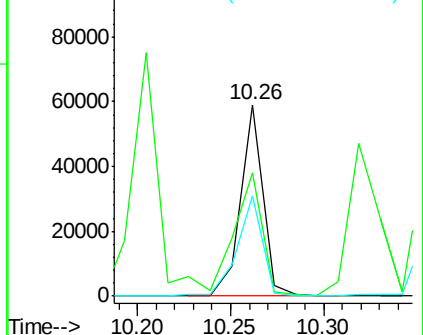


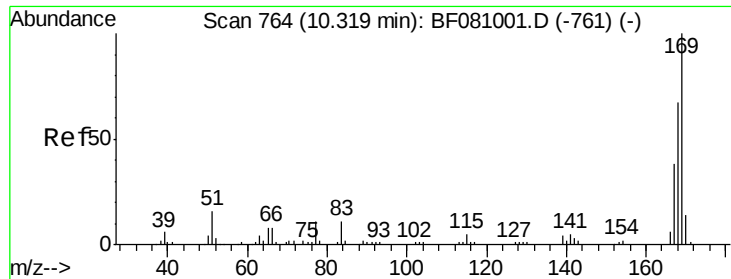
#64  
4,6-Dinitro-2-methylphenol  
Concen: 46.25 ng  
RT: 10.26 min Scan# 724  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Tgt Ion:198 Resp: 49257  
Ion Ratio Lower Upper  
198 100  
51 64.0 79.7 119.7#  
105 52.2 47.0 87.0



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

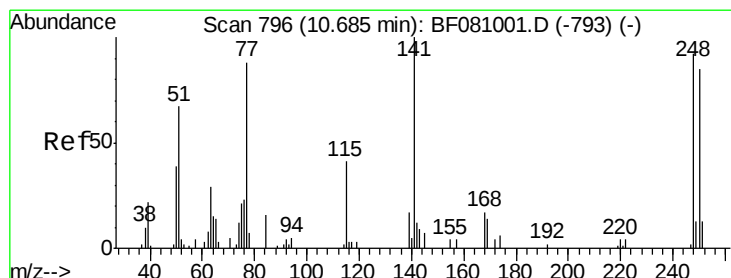
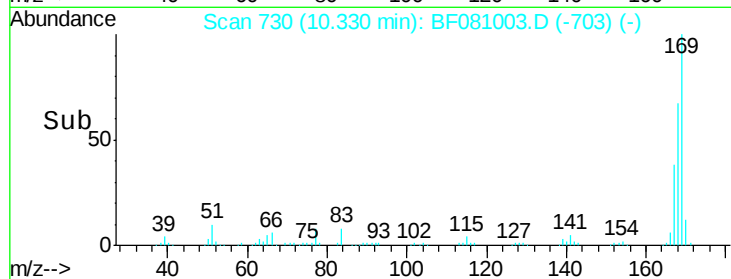
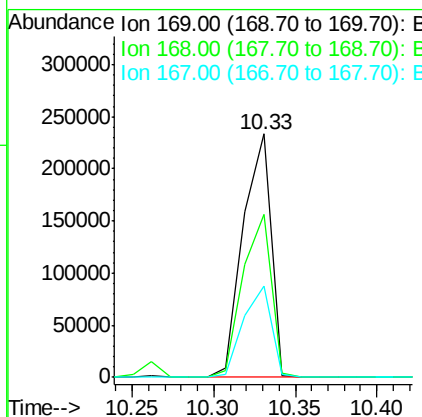
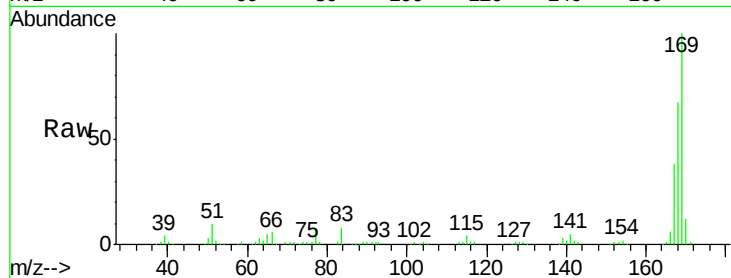




#65  
 n-Nitrosodiphenylamine  
 Concen: 37.73 ng  
 RT: 10.33 min Scan# 730  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

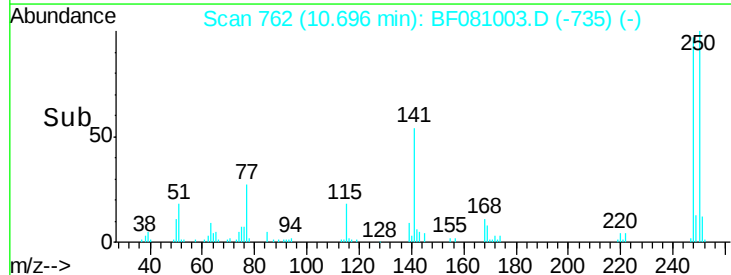
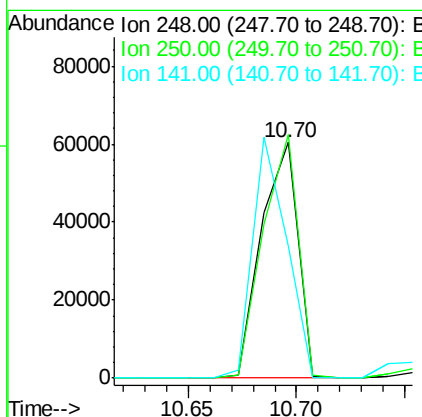
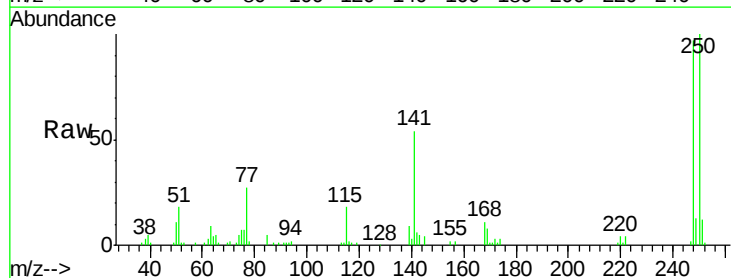
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTD1CCC040

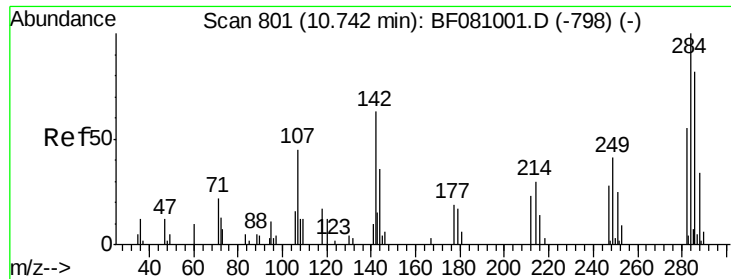
Tgt Ion:169 Resp: 276809  
 Ion Ratio Lower Upper  
 169 100  
 168 67.2 55.3 82.9  
 167 37.6 30.8 46.2



#66  
 4-Bromophenyl-phenylether  
 Concen: 37.08 ng  
 RT: 10.70 min Scan# 762  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion:248 Resp: 71449  
 Ion Ratio Lower Upper  
 248 100  
 250 103.3 77.8 116.6  
 141 56.2 39.8 59.6

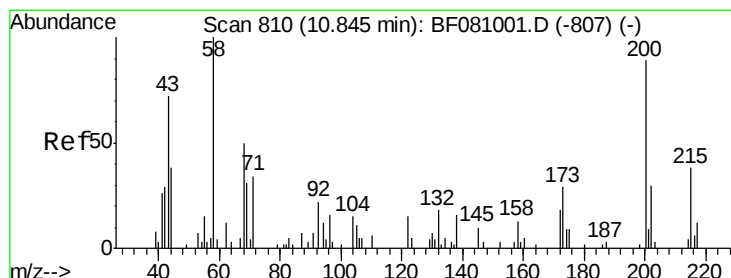
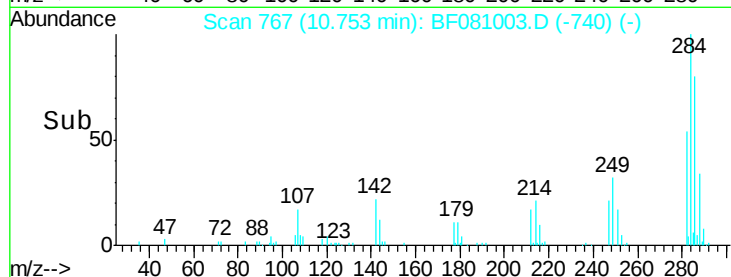
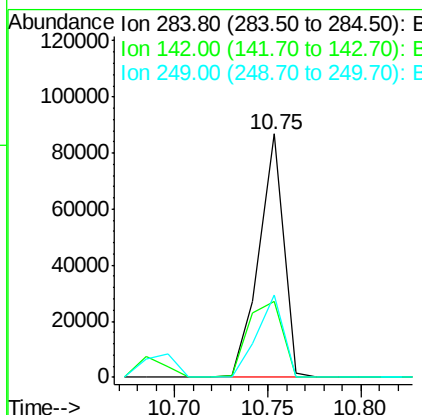
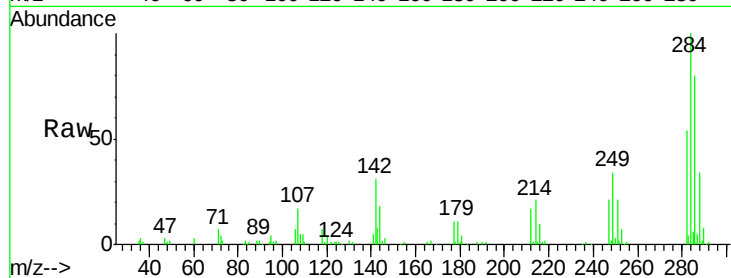




#67  
Hexachlorobenzene  
Concen: 39.89 ng  
RT: 10.75 min Scan# 767  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

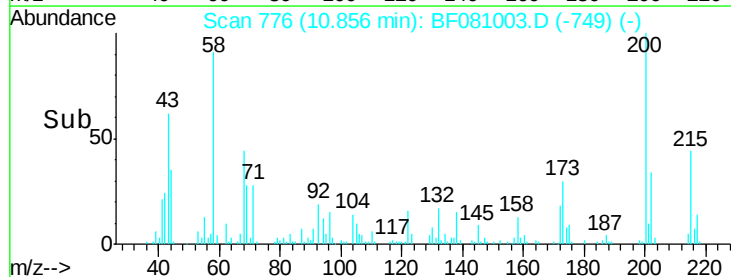
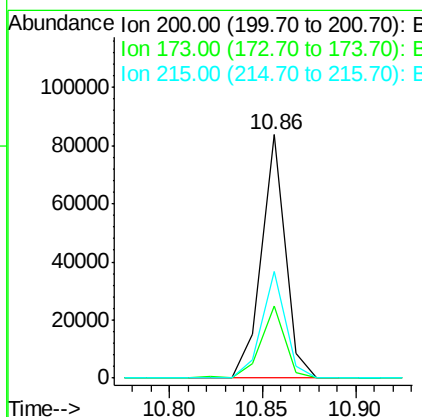
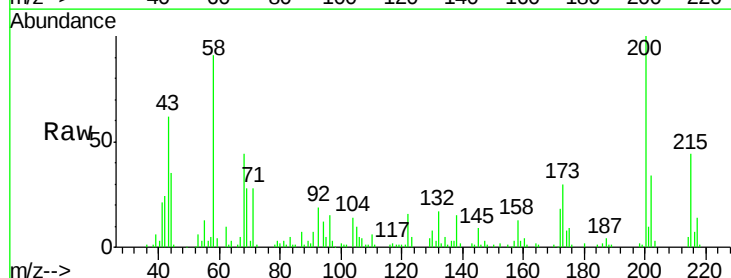
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

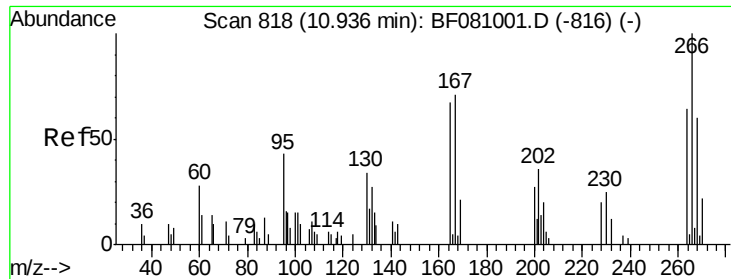
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.1  | 25.4  | 38.0  |
| 249     | 33.9  | 28.5  | 42.7  |



#68  
Atrazine  
Concen: 35.71 ng  
RT: 10.86 min Scan# 776  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.6  | 8.1   | 48.1  |
| 215     | 43.9  | 23.3  | 63.3  |

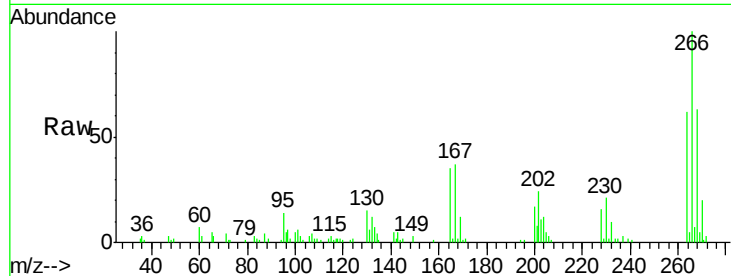




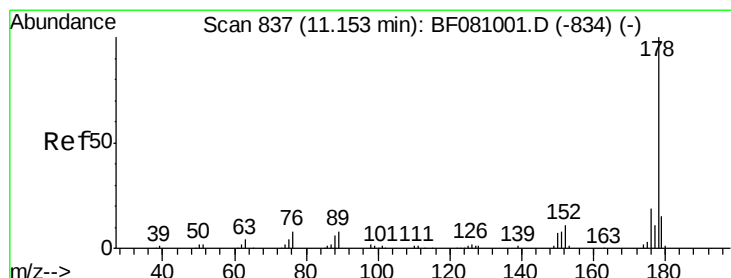
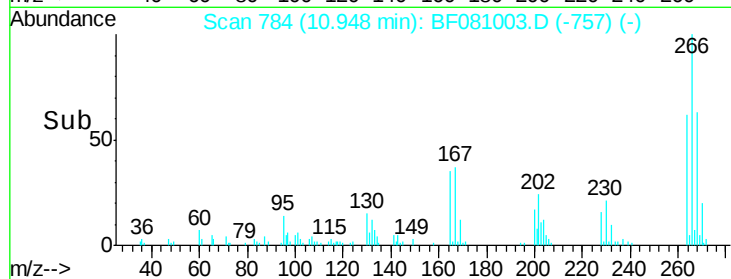
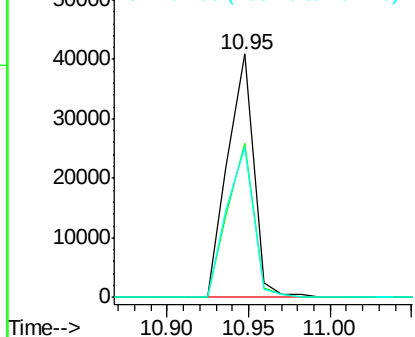
#69  
 Pentachlorophenol  
 Concen: 42.28 ng  
 RT: 10.95 min Scan# 784  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTD1CCC040

Tgt Ion:266 Resp: 45329  
 Ion Ratio Lower Upper  
 266 100  
 268 63.0 51.2 76.8  
 264 61.7 50.6 75.8

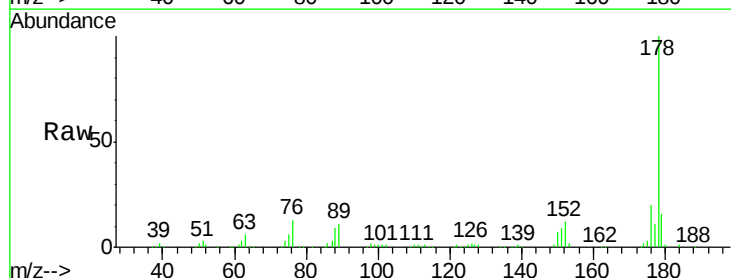


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

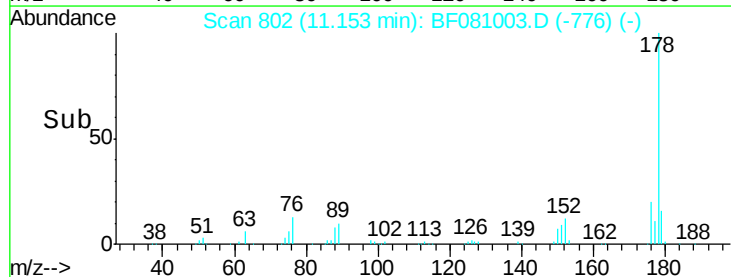
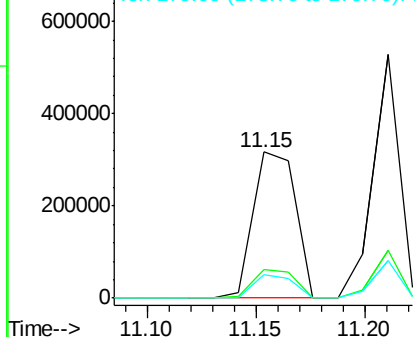


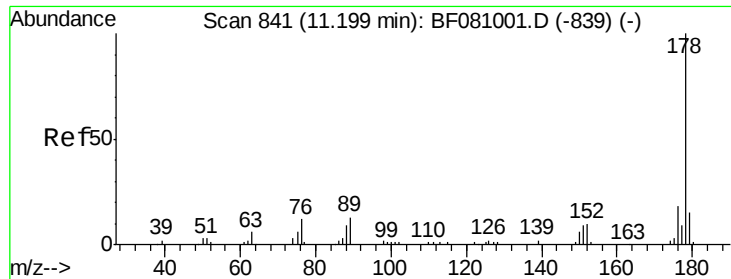
#70  
 Phenanthrene  
 Concen: 36.01 ng  
 RT: 11.15 min Scan# 802  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion:178 Resp: 432781  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 15.7 23.5  
 179 16.0 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

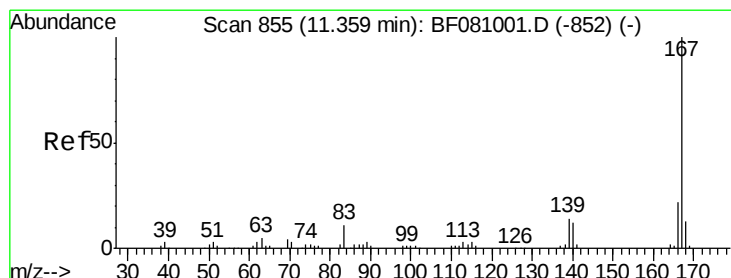
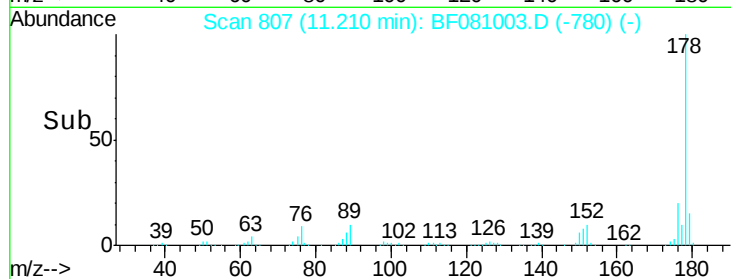
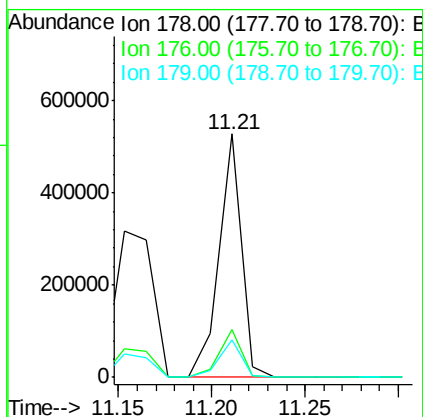
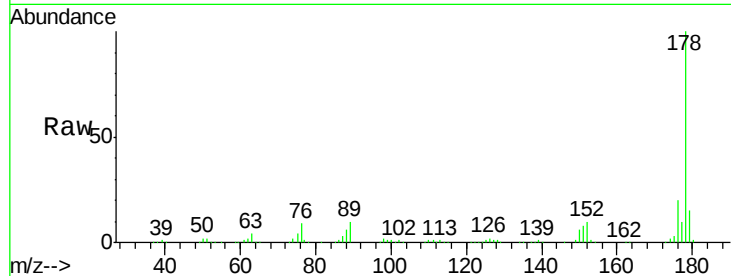




#71  
 Anthracene  
 Concen: 36.16 ng  
 RT: 11.21 min Scan# 807  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

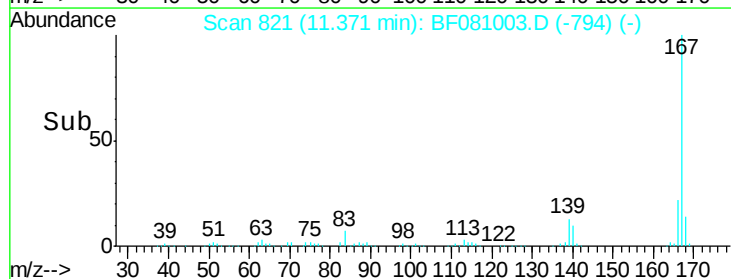
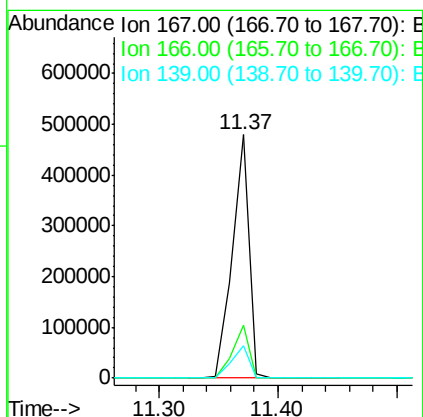
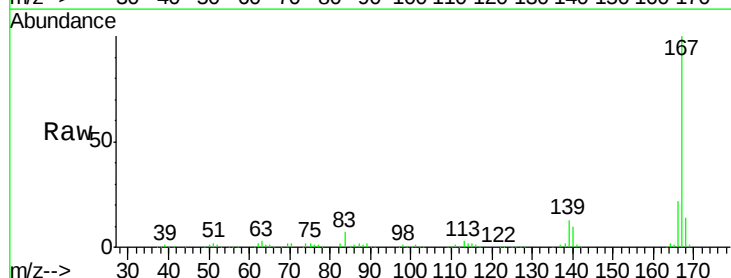
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

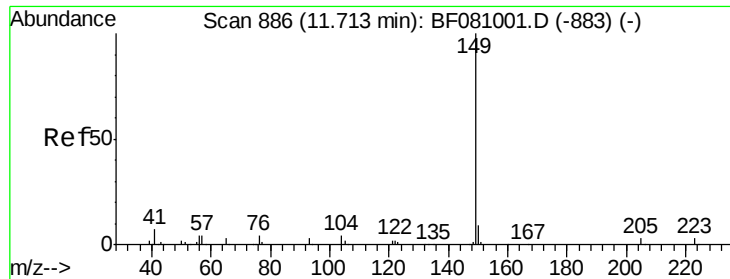
Tgt Ion:178 Resp: 443617  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.7 23.5  
 179 15.5 12.7 19.1



#72  
 Carbazole  
 Concen: 41.24 ng  
 RT: 11.37 min Scan# 821  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion:167 Resp: 466384  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.4 26.0  
 139 13.2 10.6 16.0

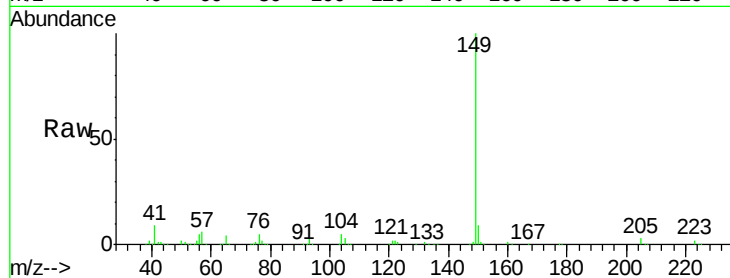




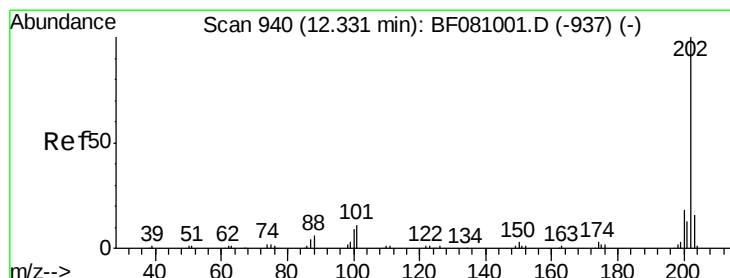
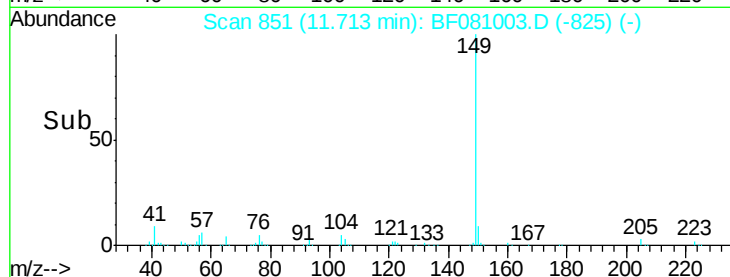
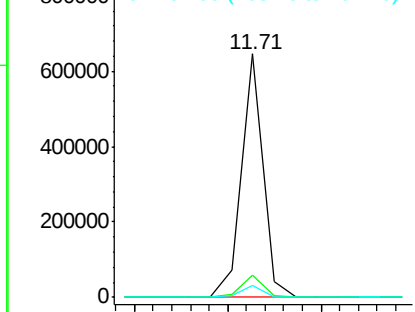
#73  
Di-n-butylphthalate  
Concen: 36.17 ng  
RT: 11.71 min Scan# 851  
Delta R.T. -0.00 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:149 Resp: 521913  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.1 10.7  
104 5.1 3.9 5.9

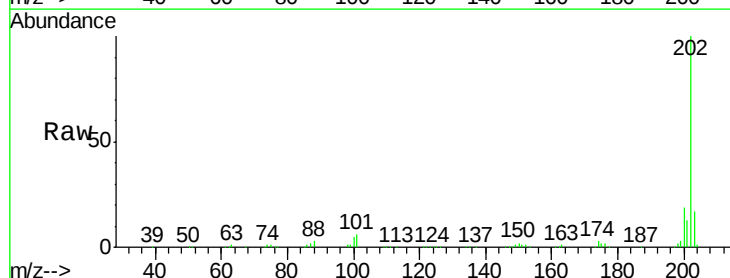


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E

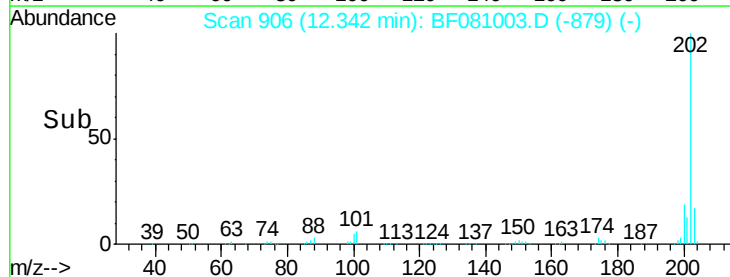
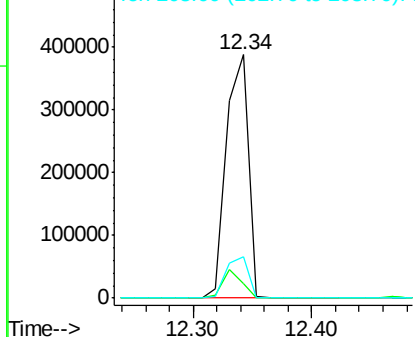


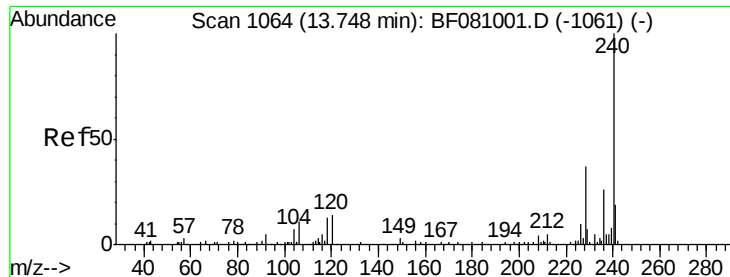
#74  
Fluoranthene  
Concen: 38.97 ng  
RT: 12.34 min Scan# 906  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Tgt Ion:202 Resp: 495378  
Ion Ratio Lower Upper  
202 100  
101 6.1 0.0 24.8  
203 17.1 0.0 36.9



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

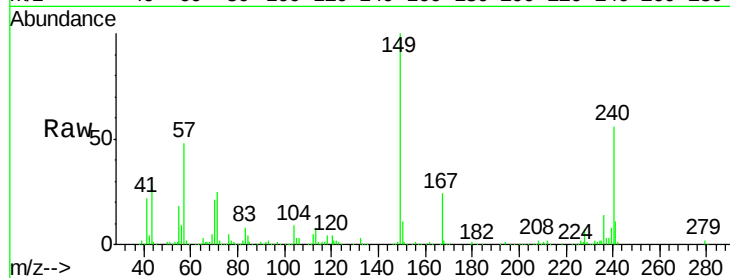
Tgt Ion:240 Resp: 145883

Ion Ratio Lower Upper

240 100

120 7.0 5.6 8.4

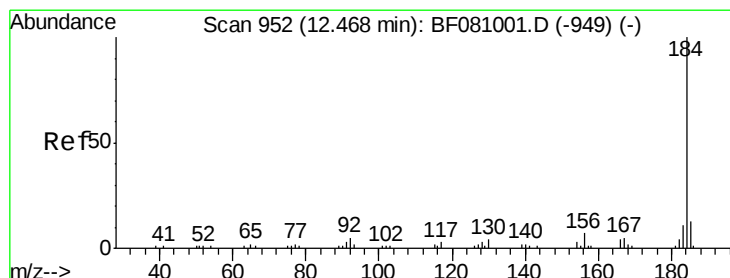
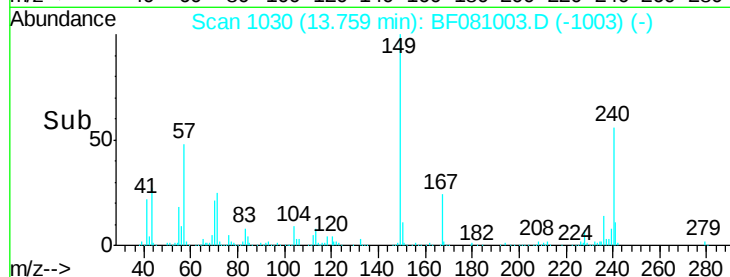
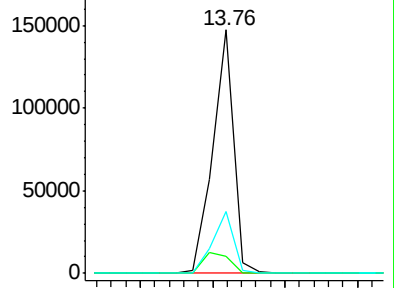
236 25.6 20.6 30.8



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: 42.83 ng

RT: 12.47 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

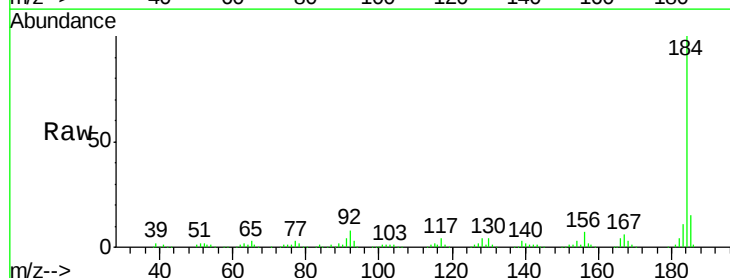
Tgt Ion:184 Resp: 272045

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

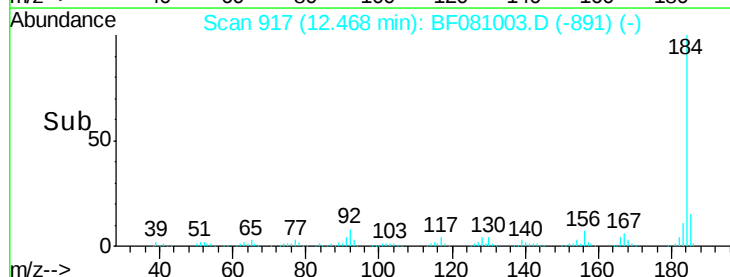
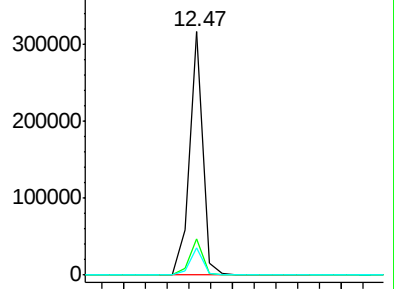
183 11.1 8.9 13.3

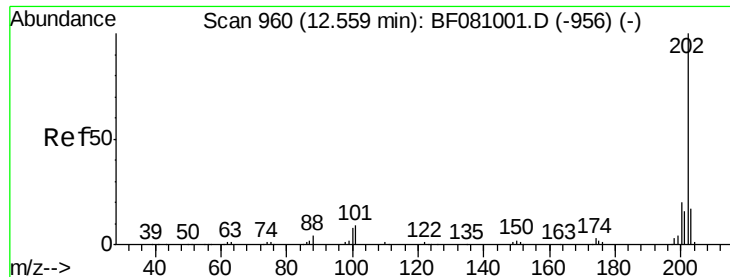


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

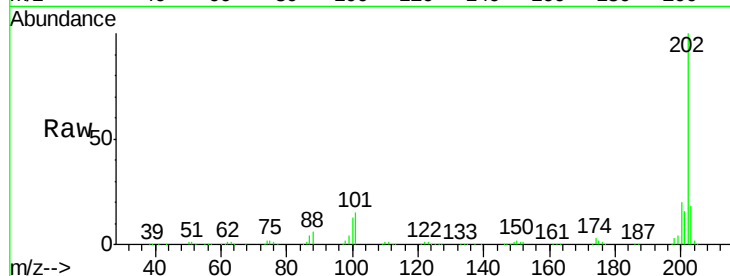




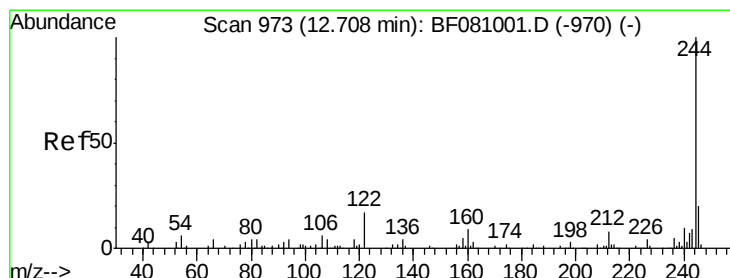
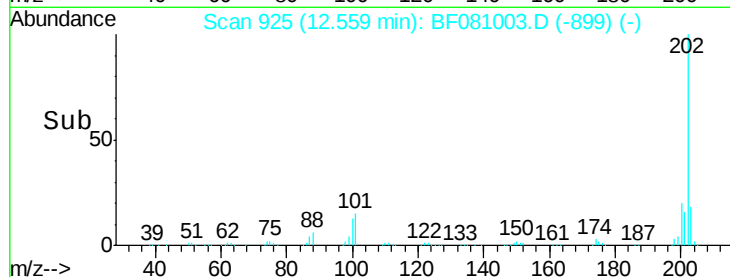
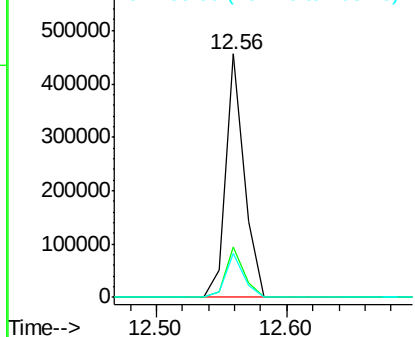
#77  
**Pyrene**  
 Concen: 33.09 ng  
 RT: 12.56 min Scan# 925  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion: 202 Resp: 448209  
 Ion Ratio Lower Upper  
 202 100  
 200 20.5 16.6 24.8  
 203 17.9 14.1 21.1

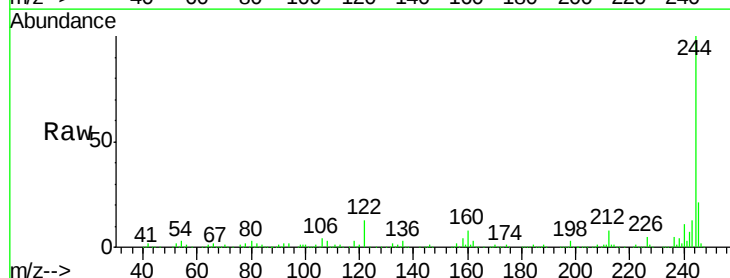


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

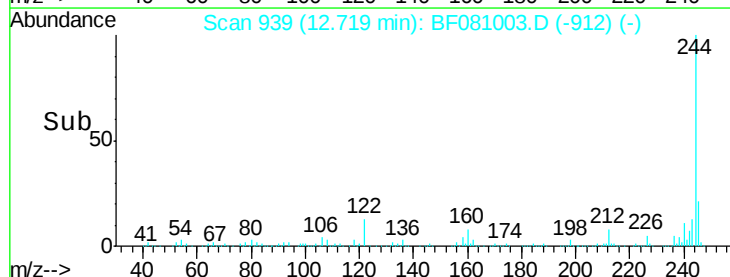
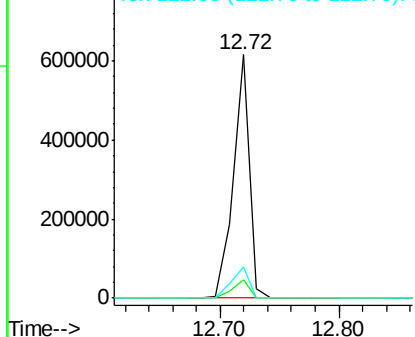


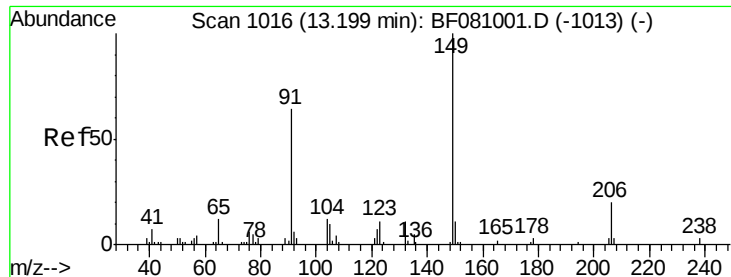
#78  
**Terphenyl-d14**  
 Concen: 35.43 ng  
 RT: 12.72 min Scan# 939  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion: 244 Resp: 570620  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 5.8 8.8  
 122 13.0 8.2 12.4#



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

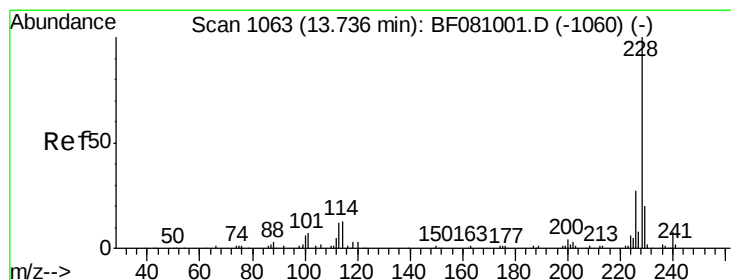
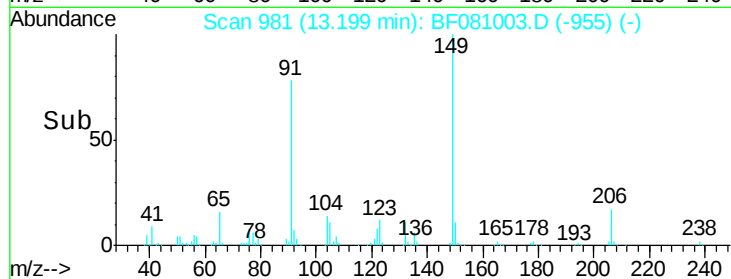
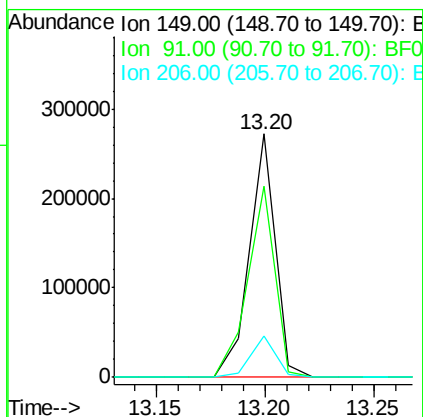
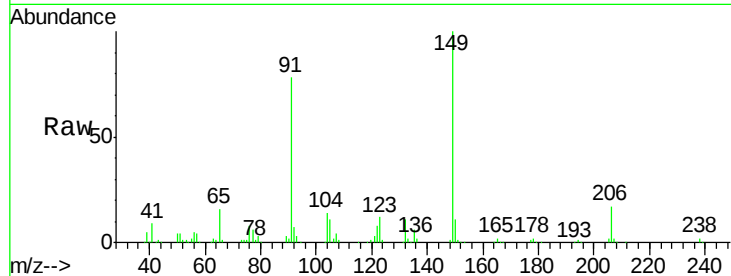




#79  
Butylbenzylphthalate  
Concen: 38.95 ng  
RT: 13.20 min Scan# 981  
Delta R.T. -0.00 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

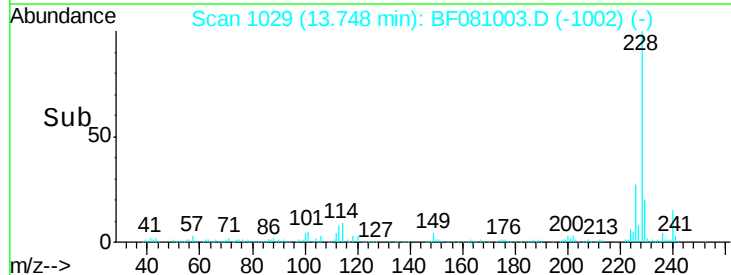
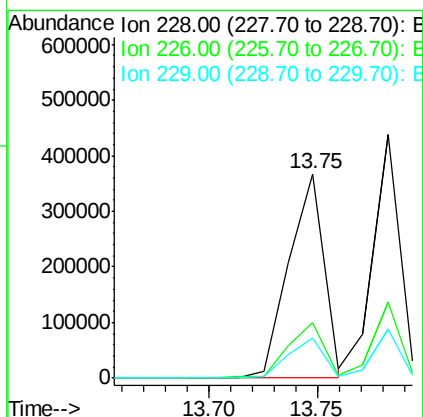
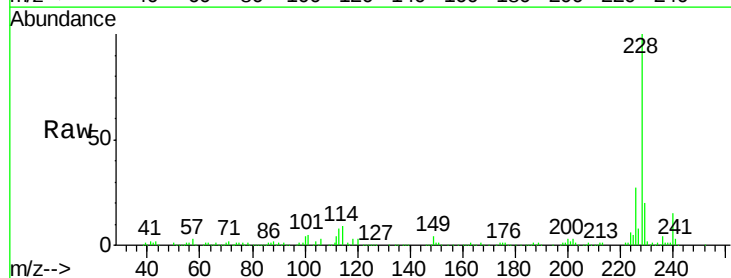
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

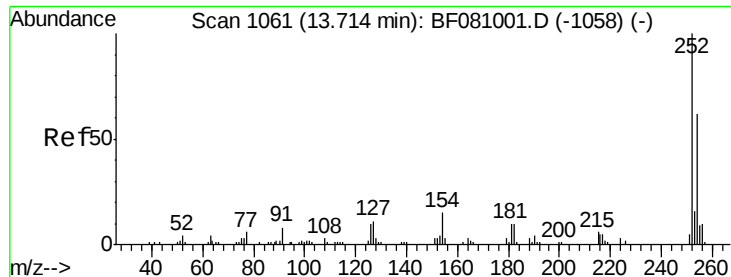
Tgt Ion:149 Resp: 225868  
Ion Ratio Lower Upper  
149 100  
91 78.4 46.9 70.3#  
206 16.9 17.0 25.4#



#80  
Benzo(a)anthracene  
Concen: 38.00 ng  
RT: 13.75 min Scan# 1029  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Tgt Ion:228 Resp: 415219  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.3 33.5  
229 19.9 15.9 23.9

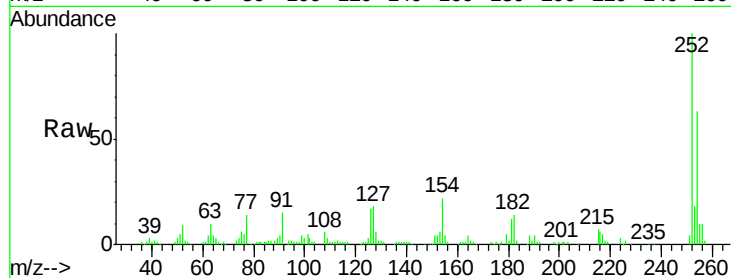




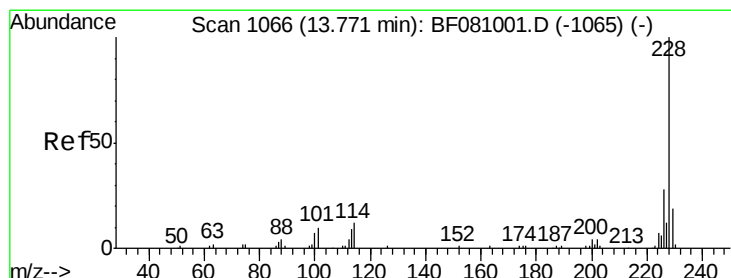
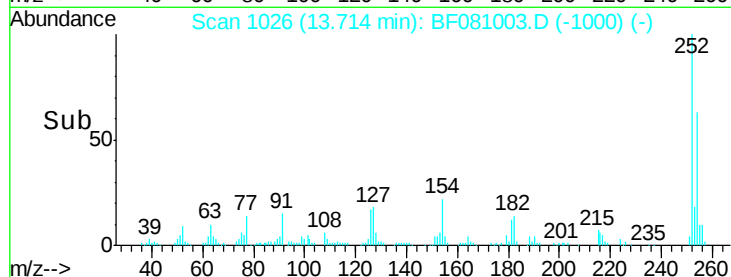
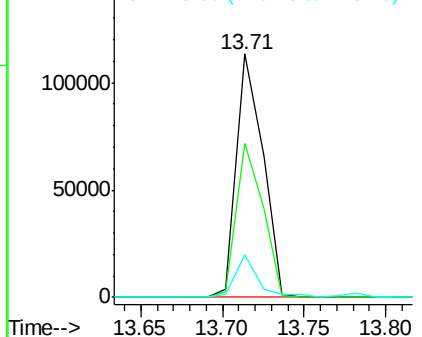
#81  
 3,3'-Dichlorobenzidine  
 Concen: 36.04 ng  
 RT: 13.71 min Scan# 1026  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion: 252 Resp: 127093  
 Ion Ratio Lower Upper  
 252 100  
 254 63.2 51.5 77.3  
 126 17.3 12.5 18.7

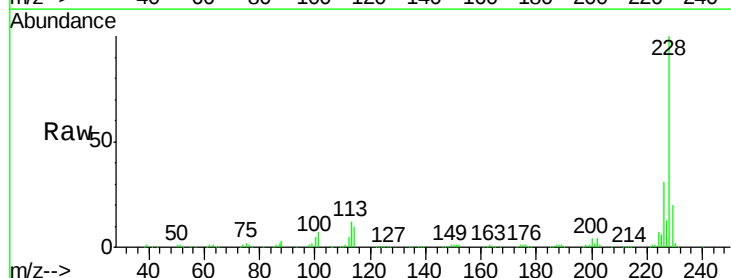


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

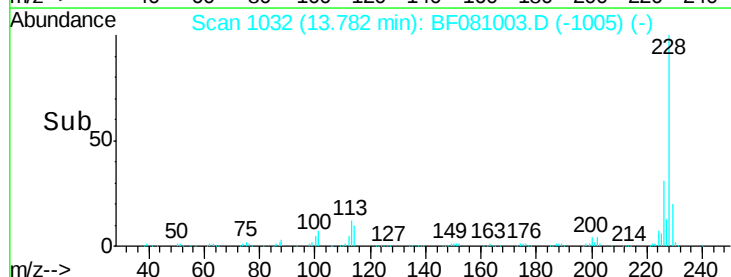
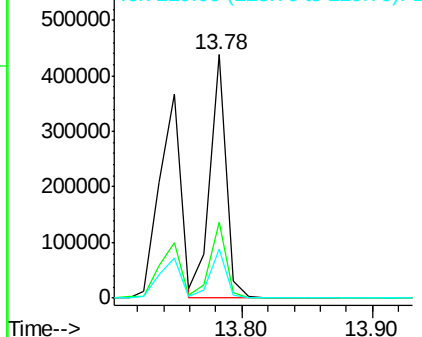


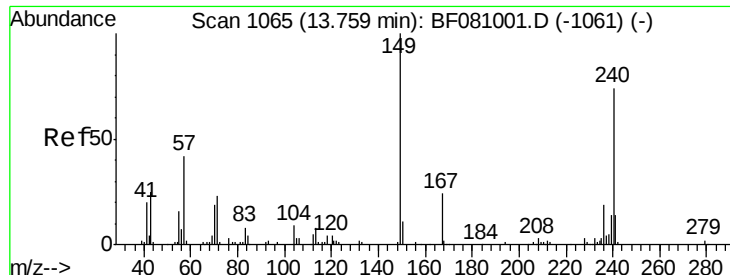
#82  
 Chrysene  
 Concen: 37.08 ng  
 RT: 13.78 min Scan# 1032  
 Delta R.T. 0.01 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

Tgt Ion: 228 Resp: 381161  
 Ion Ratio Lower Upper  
 228 100  
 226 31.4 24.4 36.6  
 229 20.1 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.81 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

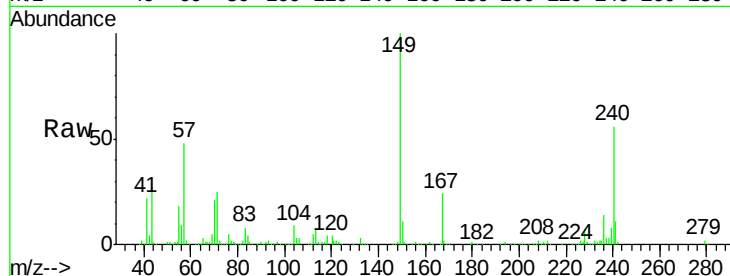
Tgt Ion:149 Resp: 273995

Ion Ratio Lower Upper

149 100

167 23.9 20.7 31.1

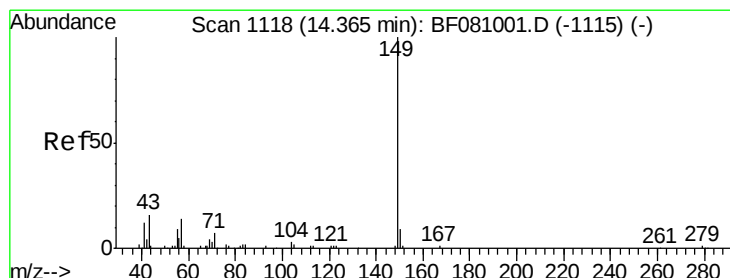
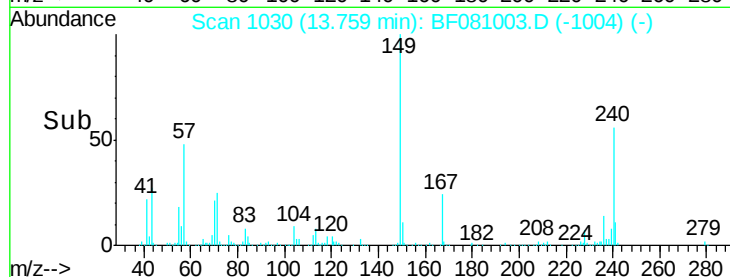
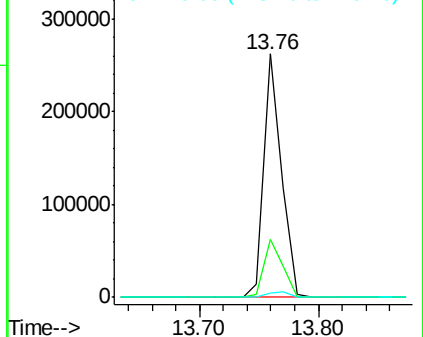
279 1.6 2.2 3.4#



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: 40.57 ng

RT: 14.37 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BF081003.D

Acq: 17 Aug 2015 14:30

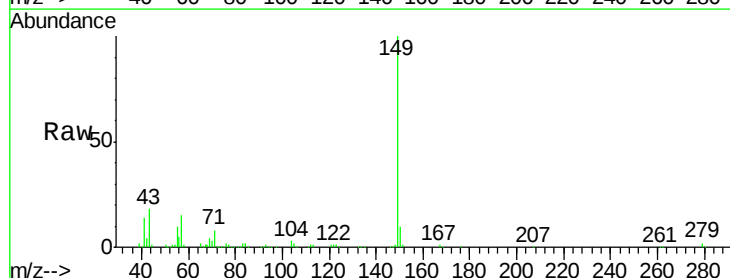
Tgt Ion:149 Resp: 428836

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

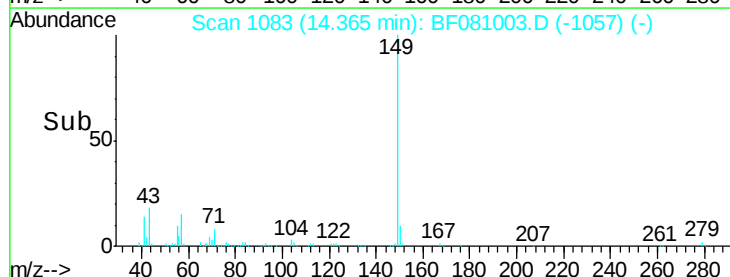
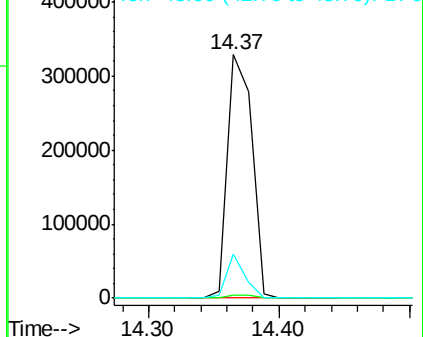
43 13.9 11.6 17.4

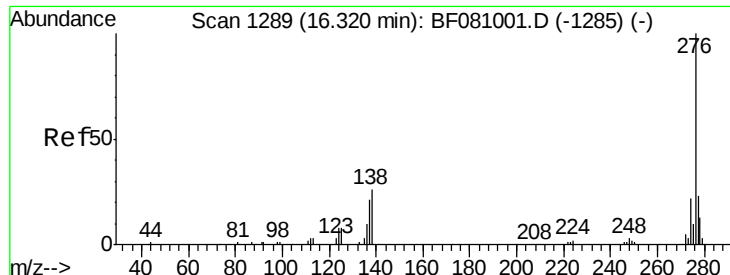


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

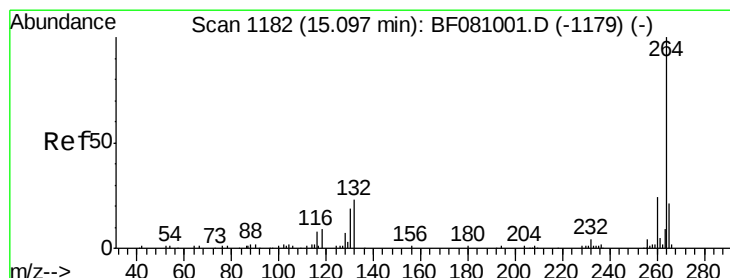
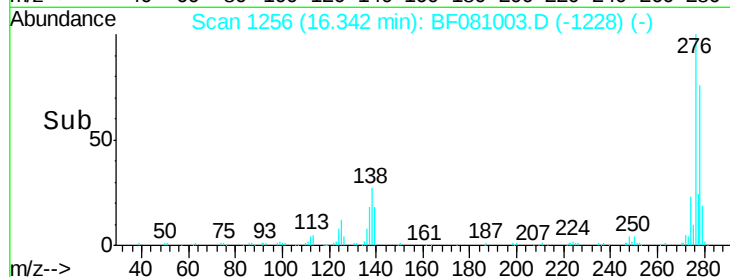
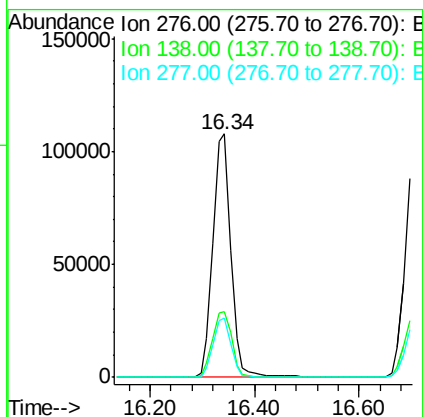
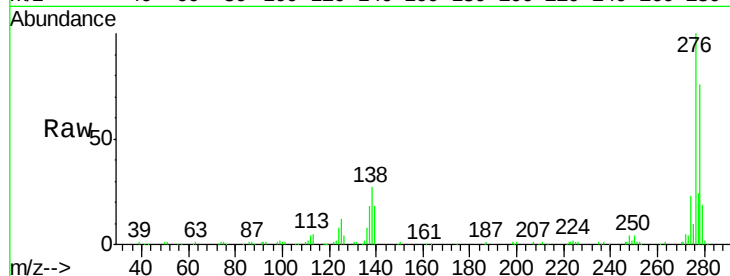




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.42 ng  
 RT: 16.34 min Scan# 1256  
 Delta R.T. 0.02 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

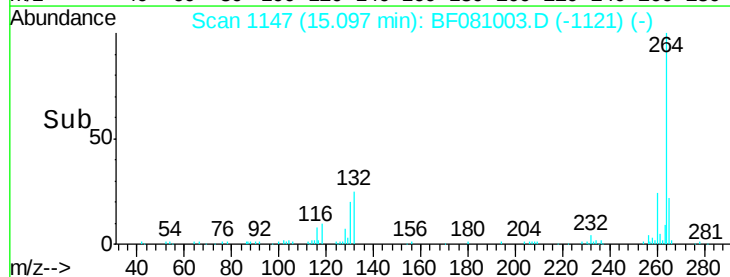
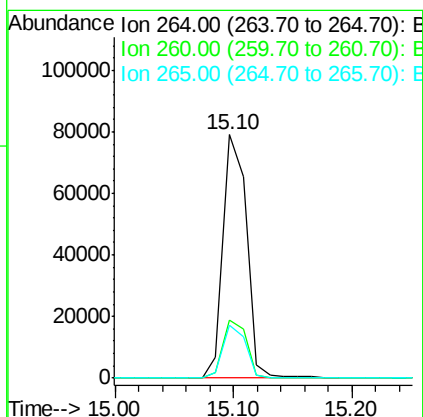
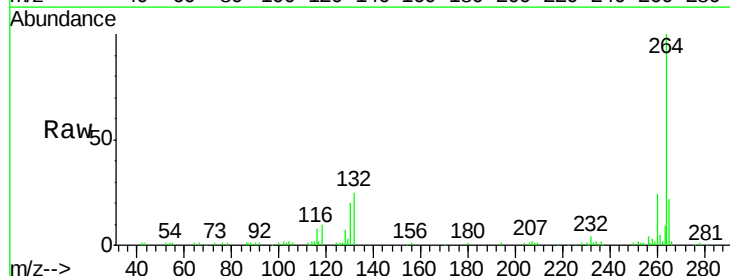
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

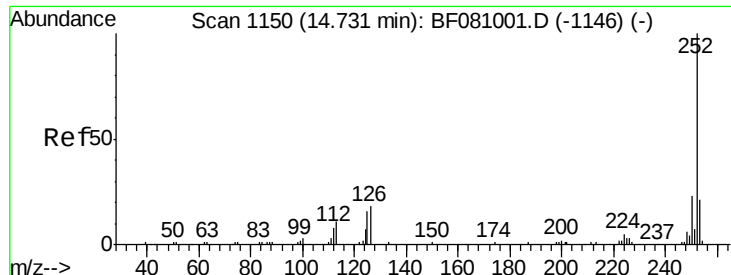
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.3  | 18.6  | 28.0# |
| 277     | 24.1  | 19.8  | 29.8  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.10 min Scan# 1147  
 Delta R.T. -0.00 min  
 Lab File: BF081003.D  
 Acq: 17 Aug 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.6  | 29.4  |
| 265     | 21.5  | 17.5  | 26.3  |

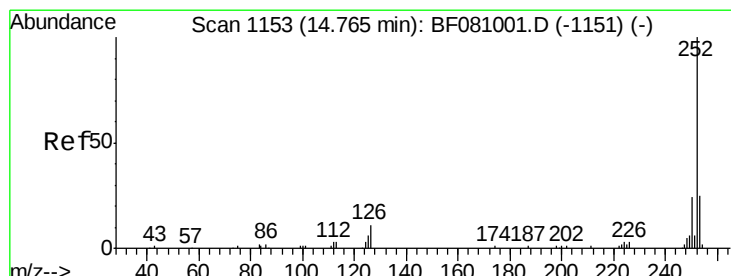
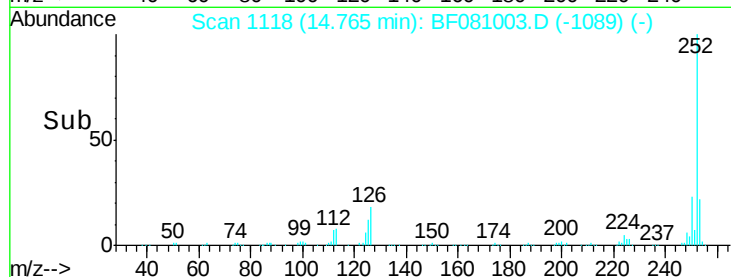
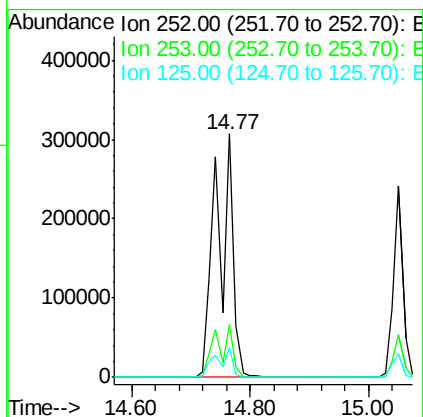
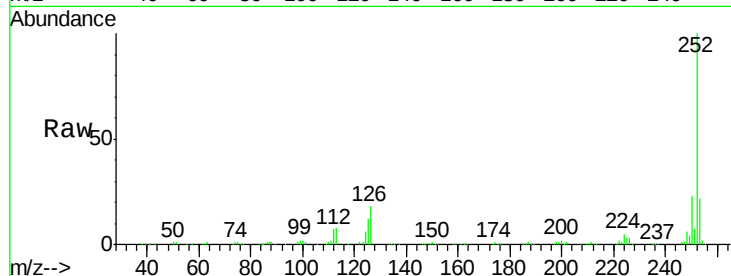




#87  
Benzo(b)fluoranthene  
Concen: 61.75 ng  
RT: 14.77 min Scan# 1118  
Delta R.T. 0.04 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

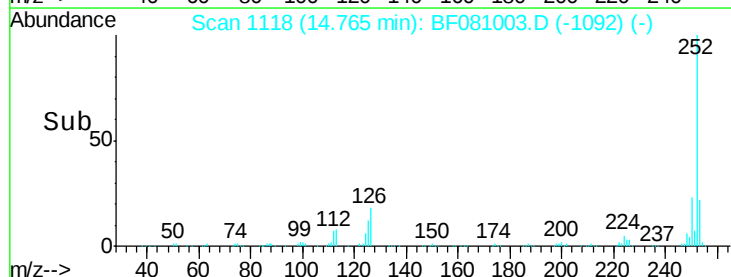
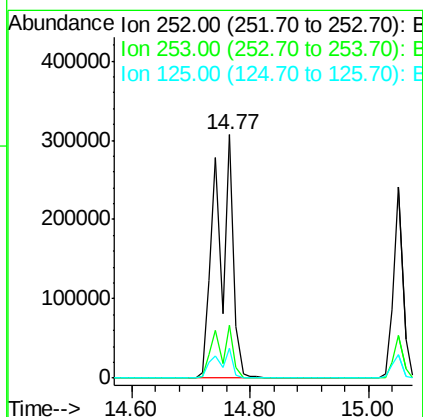
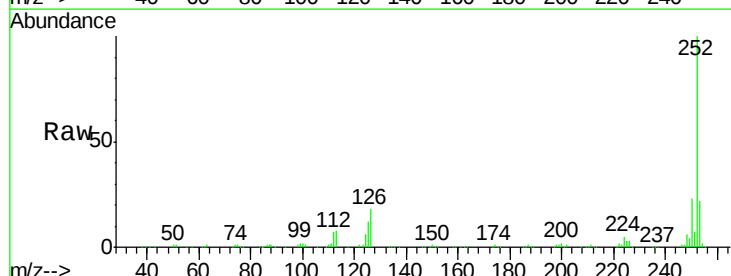
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

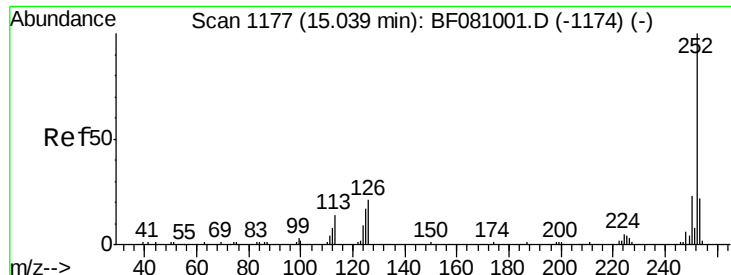
Tgt Ion:252 Resp: 601434  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.1 25.7  
125 12.1 8.0 12.0#



#88  
Benzo(k)fluoranthene  
Concen: 89.52 ng  
RT: 14.77 min Scan# 1118  
Delta R.T. -0.00 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Tgt Ion:252 Resp: 601434  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 12.1 10.3 15.5

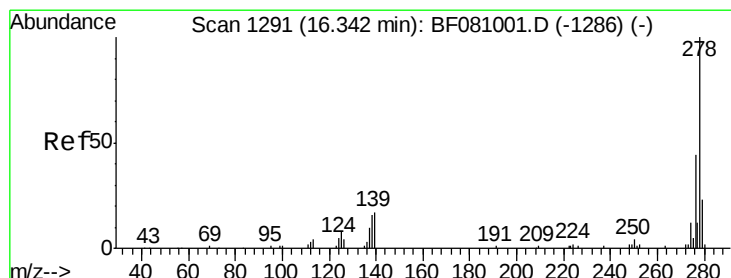
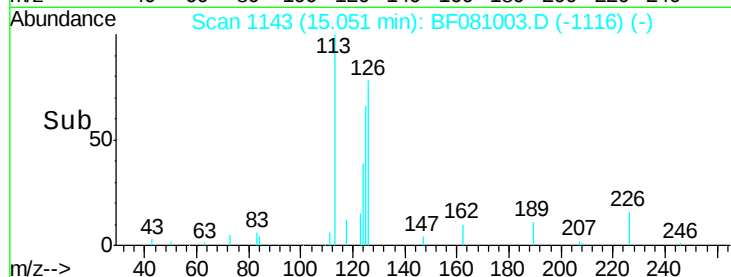
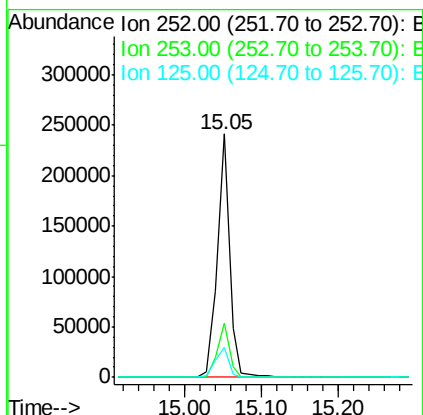
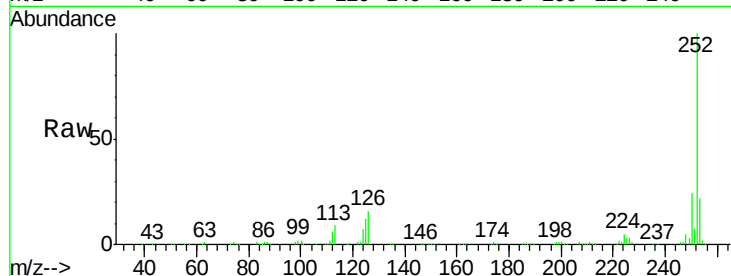




#89  
Benzo(a)pyrene  
Concen: 36.96 ng  
RT: 15.05 min Scan# 1143  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

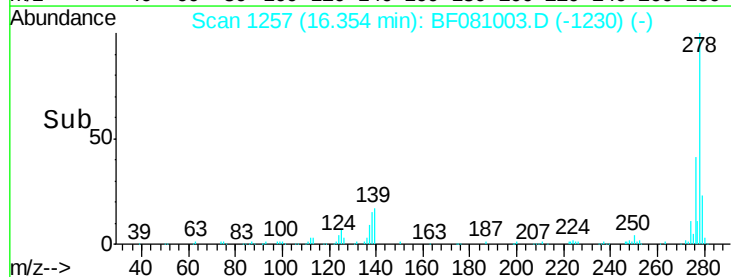
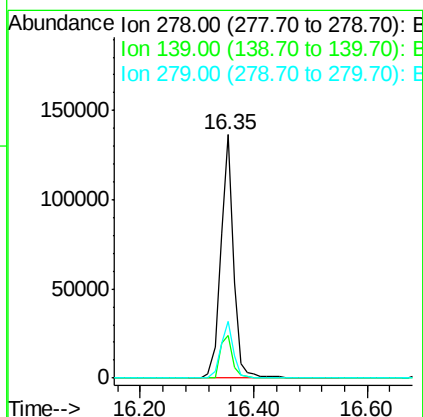
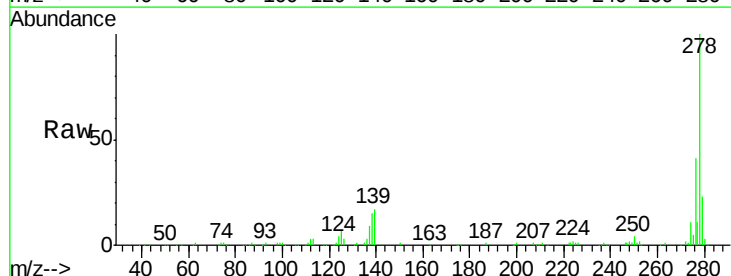
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

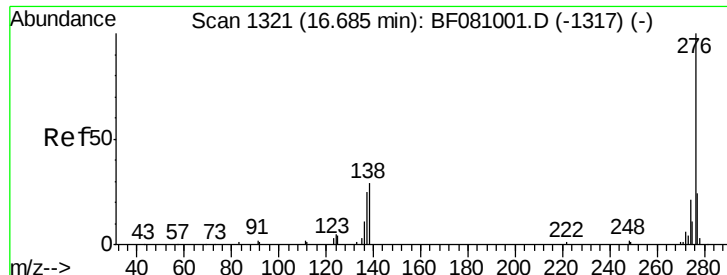
Tgt Ion: 252 Resp: 269693  
Ion Ratio Lower Upper  
252 100  
253 22.0 16.6 25.0  
125 12.3 7.8 11.8#



#90  
Dibenzo(a,h)anthracene  
Concen: 40.11 ng  
RT: 16.35 min Scan# 1257  
Delta R.T. 0.01 min  
Lab File: BF081003.D  
Acq: 17 Aug 2015 14:30

Tgt Ion: 278 Resp: 213987  
Ion Ratio Lower Upper  
278 100  
139 17.3 10.8 16.2#  
279 23.5 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 40.37 ng

RT: 16.71 min Scan# 1288

Delta R.T. 0.02 min

Lab File: BF081003.D

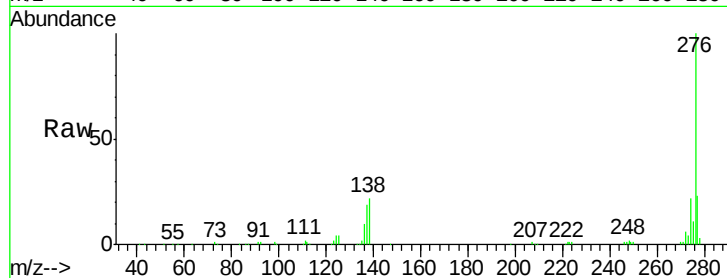
Acq: 17 Aug 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040



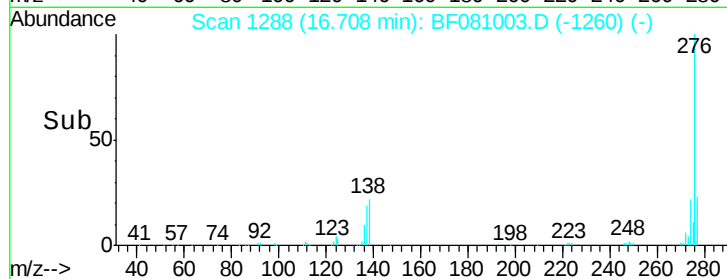
Tgt Ion: 276 Resp: 213976

Ion Ratio Lower Upper

276 100

277 22.7 18.2 27.2

138 22.1 13.7 20.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

