

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030415\  
 Data File : BF077584.D  
 Acq On : 4 Mar 2015 16:18  
 Operator : TP/IZ  
 Sample : PB81970BS  
 Misc : S  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Quant Time: Mar 04 23:21:13 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 21:51:23 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.22  | 152  | 61277    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.80  | 136  | 244850   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.97 | 164  | 118313   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.81 | 188  | 229321   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.10 | 240  | 260789   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.83 | 264  | 256368   | 20.00 | ng    | -0.02    |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 5.52  | 112 | 477136 | 129.99 | ng | 0.00 |
| 7) Phenol-d6                | 6.79  | 99  | 565984 | 119.93 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.91  | 82  | 353622 | 89.81  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 11.95 | 330 | 147879 | 129.81 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 10.15 | 172 | 680539 | 89.69  | ng | 0.00 |
| 78) Terphenyl-d14           | 14.81 | 244 | 822101 | 73.70  | ng | 0.00 |

|                                |      |     |        |       |    |        |
|--------------------------------|------|-----|--------|-------|----|--------|
| Target Compounds               |      |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.17 | 88  | 57564  | 36.96 | ng | 96     |
| 3) Pyridine                    | 2.90 | 79  | 159288 | 35.75 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.80 | 42  | 80888  | 41.75 | ng | 94     |
| 6) Aniline                     | 6.81 | 93  | 133458 | 20.46 | ng | # 27   |
| 8) 2-Chlorophenol              | 6.95 | 128 | 171693 | 39.65 | ng | 91     |
| 9) Benzaldehyde                | 6.67 | 77  | 27946  | 9.75  | ng | 98     |
| 10) Phenol                     | 6.80 | 94  | 204545 | 36.53 | ng | # 70   |
| 11) bis(2-Chloroethyl)ether    | 6.91 | 93  | 146286 | 36.36 | ng | 86     |
| 12) 1,3-Dichlorobenzene        | 7.15 | 146 | 175667 | 37.26 | ng | # 89   |
| 13) 1,4-Dichlorobenzene        | 7.24 | 146 | 177494 | 37.00 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.43 | 146 | 169749 | 37.20 | ng | 96     |
| 15) Benzyl Alcohol             | 7.40 | 79  | 133874 | 37.32 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.58 | 45  | 205084 | 35.65 | ng | 97     |
| 17) 2-Methylphenol             | 7.55 | 107 | 133564 | 39.46 | ng | 97     |
| 18) Hexachloroethane           | 7.85 | 117 | 61657  | 38.49 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.74 | 70  | 112835 | 37.65 | ng | # 90   |
| 20) 3+4-Methylphenols          | 7.74 | 107 | 175390 | 39.35 | ng | # 75   |
| 22) Acetophenone               | 7.73 | 105 | 233002 | 40.45 | ng | # 86   |
| 24) Nitrobenzene               | 7.94 | 77  | 175045 | 42.26 | ng | 89     |
| 25) Isophorone                 | 8.24 | 82  | 300868 | 38.51 | ng | 94     |
| 26) 2-Nitrophenol              | 8.33 | 139 | 74141  | 43.67 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 8.40 | 122 | 153128 | 40.31 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.52 | 93  | 193291 | 39.17 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.63 | 162 | 138332 | 38.79 | ng | 90     |
| 30) 1,2,4-Trichlorobenzene     | 8.73 | 180 | 142736 | 36.41 | ng | 98     |
| 31) Naphthalene                | 8.83 | 128 | 474104 | 38.72 | ng | 98     |
| 32) Benzoic acid               | 8.49 | 122 | 72392  | 39.22 | ng | 96     |
| 33) 4-Chloroaniline            | 8.90 | 127 | 116588 | 21.42 | ng | # 95   |
| 34) Hexachlorobutadiene        | 8.98 | 225 | 79814  | 35.66 | ng | 99     |
| 35) Caprolactam                | 9.33 | 113 | 42050  | 38.63 | ng | # 72   |
| 36) 4-Chloro-3-methylphenol    | 9.51 | 107 | 138717 | 38.70 | ng | 90     |
| 37) 2-Methylnaphthalene        | 9.68 | 142 | 332395 | 38.23 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.89 | 216 | 143802 | 42.36 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.88 | 237 | 140697 | 77.29 | ng | 100    |

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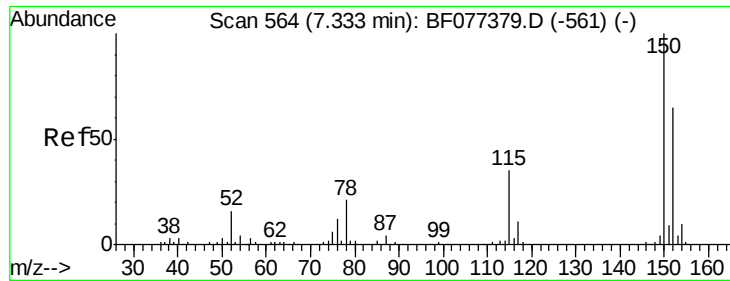
Instrument :  
 BNA\_F  
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Quant Time: Mar 04 23:21:13 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 10.04 | 196  | 96166    | 42.78 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 10.08 | 196  | 101548   | 42.24 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 10.27 | 154  | 385515   | 43.01 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 10.29 | 162  | 299359   | 42.58 | ng    | 98       |
| 47) 2-Nitroaniline             | 10.42 | 65   | 88493    | 51.14 | ng    | # 73     |
| 48) Acenaphthylene             | 10.80 | 152  | 485154   | 43.59 | ng    | 100      |
| 49) Dimethylphthalate          | 10.66 | 163  | 355207   | 42.71 | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 10.73 | 165  | 78774    | 47.23 | ng    | # 75     |
| 51) Acenaphthene               | 11.01 | 154  | 287030   | 43.22 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.93 | 138  | 57839    | 30.08 | ng    | 92       |
| 53) 2,4-Dinitrophenol          | 11.06 | 184  | 50662    | 99.83 | ng    | # 60     |
| 54) Dibenzofuran               | 11.23 | 168  | 450453   | 43.93 | ng    | 98       |
| 55) 4-Nitrophenol              | 11.14 | 139  | 141340   | 91.39 | ng    | 96       |
| 56) 2,4-Dinitrotoluene         | 11.22 | 165  | 99120    | 43.98 | ng    | # 69     |
| 57) Fluorene                   | 11.65 | 166  | 359677   | 43.88 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.38 | 232  | 86650    | 44.83 | ng    | 96       |
| 59) Diethylphthalate           | 11.53 | 149  | 329820   | 40.23 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 11.66 | 204  | 161072   | 40.78 | ng    | 99       |
| 61) 4-Nitroaniline             | 11.68 | 138  | 80878    | 43.88 | ng    | 98       |
| 62) Azobenzene                 | 11.86 | 77   | 340766   | 43.81 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 11.72 | 198  | 37702    | 41.73 | ng    | 75       |
| 65) n-Nitrosodiphenylamine     | 11.81 | 169  | 309274   | 40.65 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.27 | 248  | 97534    | 36.32 | ng    | 91       |
| 67) Hexachlorobenzene          | 12.33 | 284  | 109006   | 37.82 | ng    | # 87     |
| 68) Atrazine                   | 12.48 | 200  | 97046    | 39.23 | ng    | 92       |
| 69) Pentachlorophenol          | 12.58 | 266  | 120899   | 79.81 | ng    | 99       |
| 70) Phenanthrene               | 12.84 | 178  | 525849   | 39.56 | ng    | 99       |
| 71) Anthracene                 | 12.91 | 178  | 531936   | 40.33 | ng    | 98       |
| 72) Carbazole                  | 13.11 | 167  | 507842   | 40.49 | ng    | 99       |
| 73) Di-n-butylphthalate        | 13.57 | 149  | 541235   | 36.75 | ng    | 99       |
| 74) Fluoranthene               | 14.32 | 202  | 570817   | 39.32 | ng    | 98       |
| 76) Benzidine                  | 14.50 | 184  | 285706   | 32.43 | ng    | 97       |
| 77) Pyrene                     | 14.60 | 202  | 601644   | 37.71 | ng    | 99       |
| 79) Butylbenzylphthalate       | 15.43 | 149  | 241849   | 36.85 | ng    | # 88     |
| 80) Benzo(a)anthracene         | 16.09 | 228  | 592541   | 38.77 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 16.07 | 252  | 120361   | 21.49 | ng    | 99       |
| 82) Chrysene                   | 16.13 | 228  | 559534   | 38.99 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 16.15 | 149  | 335685   | 31.90 | ng    | # 96     |
| 84) Di-n-octyl phthalate       | 16.94 | 149  | 582162   | 33.13 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.26 | 276  | 646512   | 39.51 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 17.38 | 252  | 641866   | 43.05 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 17.42 | 252  | 495591   | 33.92 | ng    | 98       |
| 89) Benzo(a)pyrene             | 17.76 | 252  | 561500   | 39.55 | ng    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 19.28 | 278  | 530749   | 39.20 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 19.68 | 276  | 550568   | 40.28 | ng    | 95       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

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PB81970BS

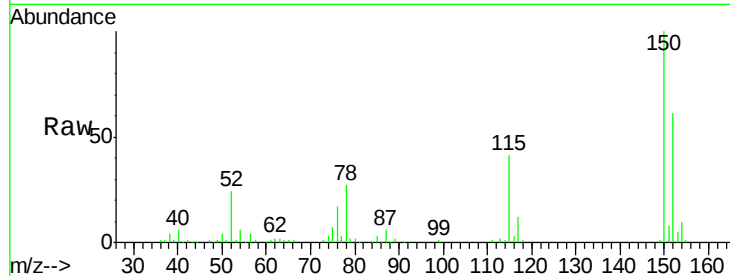
Tgt Ion:152 Resp: 61277

Ion Ratio Lower Upper

152 100

150 164.4 124.0 186.0

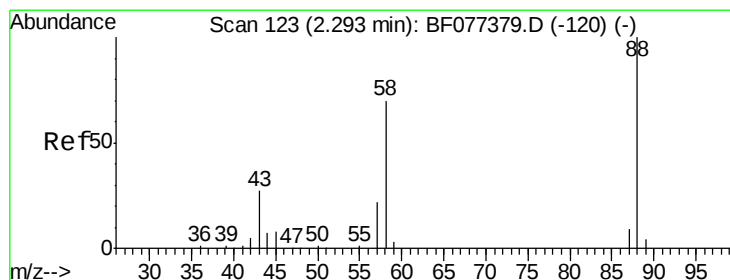
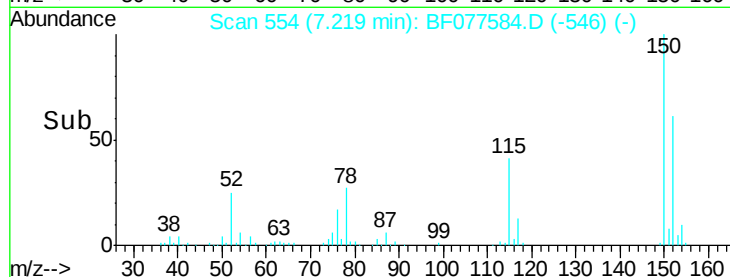
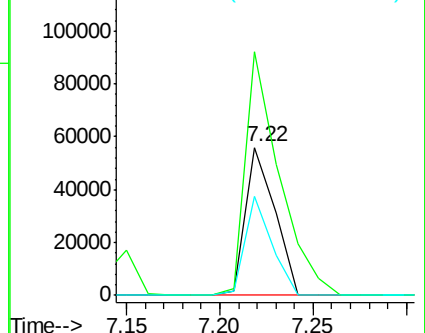
115 66.7 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.96 ng

RT: 2.17 min Scan# 112

Delta R.T. 0.03 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

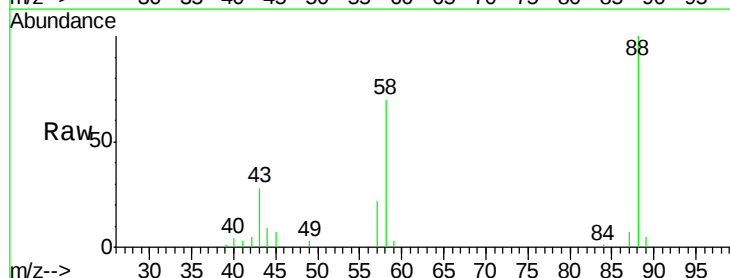
Tgt Ion: 88 Resp: 57564

Ion Ratio Lower Upper

88 100

58 73.1 62.1 93.1

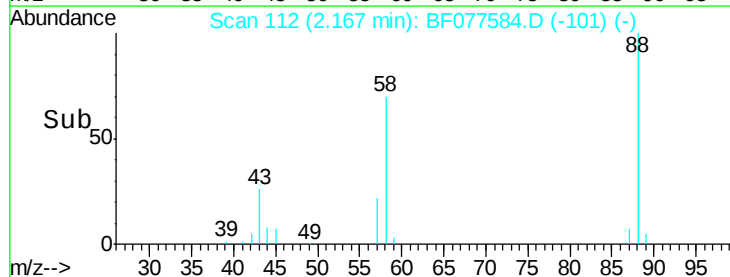
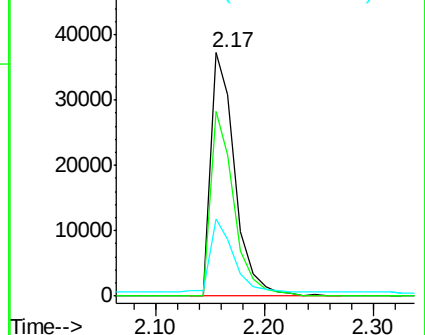
43 31.4 24.0 36.0

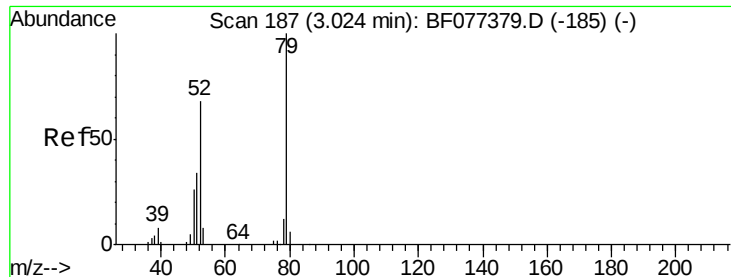


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.75 ng

RT: 2.90 min Scan# 176

Delta R.T. 0.04 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

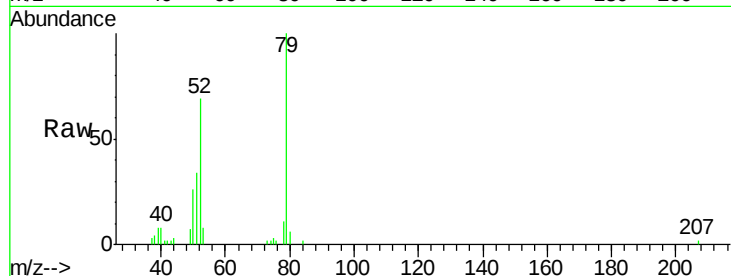
Tgt Ion: 79 Resp: 159288

Ion Ratio Lower Upper

79 100

52 69.4 57.7 86.5

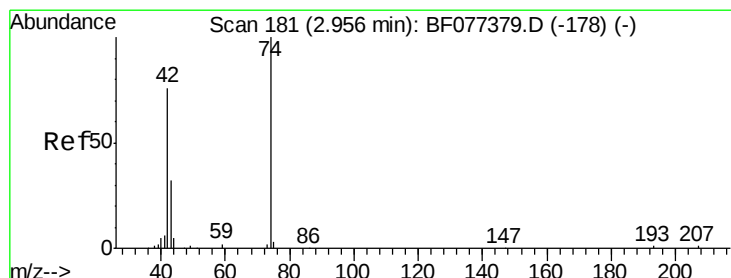
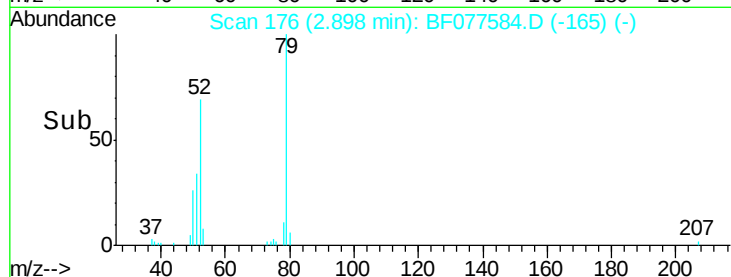
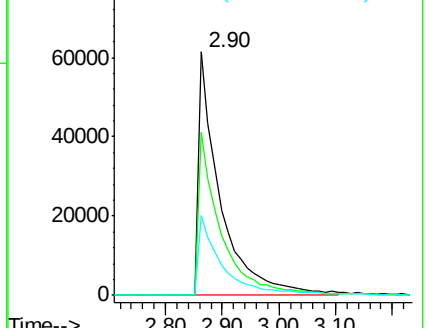
51 34.4 28.5 42.7



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: 41.75 ng

RT: 2.80 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

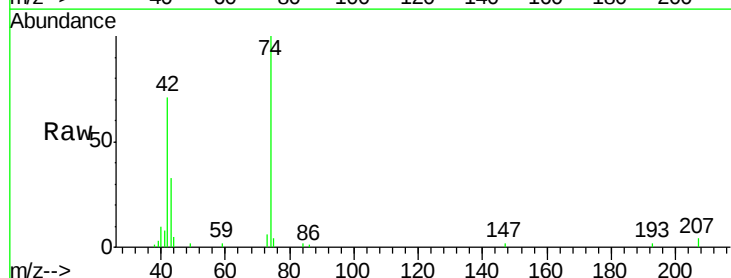
Tgt Ion: 42 Resp: 80888

Ion Ratio Lower Upper

42 100

74 141.0 107.1 160.7

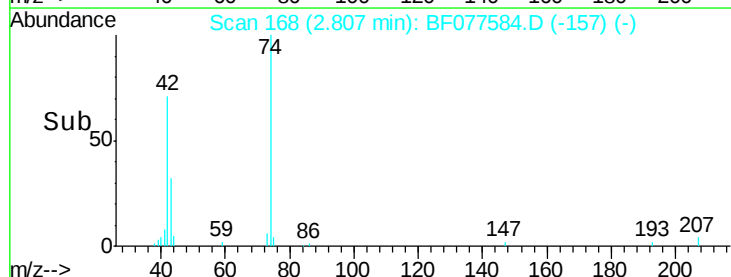
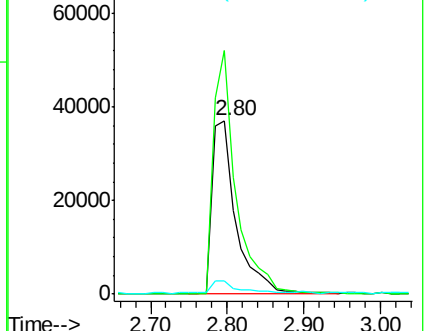
44 7.2 6.7 10.1

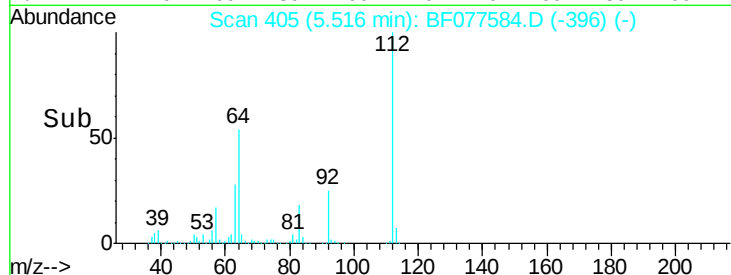
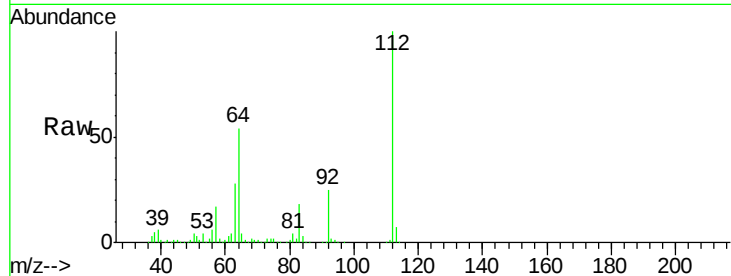


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

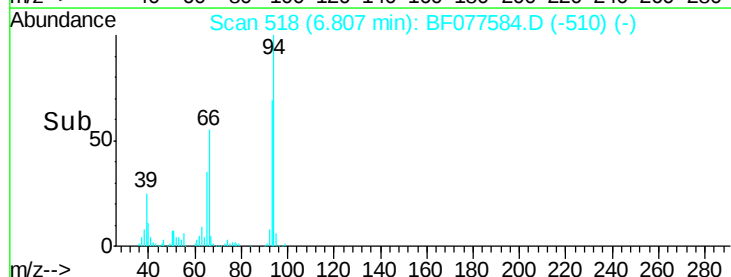
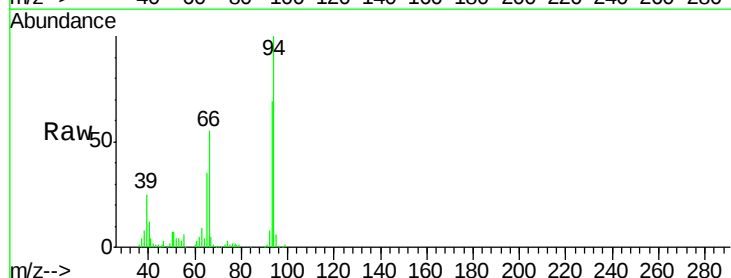
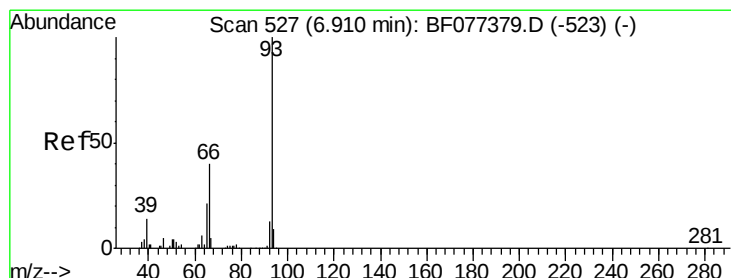
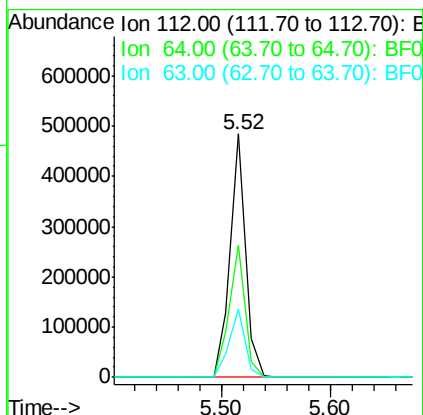




#5  
2-Fluorophenol  
Concen: 129.99 ng  
RT: 5.52 min Scan# 405  
Delta R.T. 0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

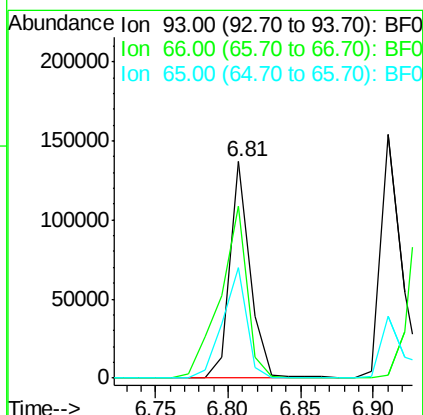
Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 54.1  | 48.5  | 72.7  |
| 63      | 28.0  | 25.0  | 37.4  |



#6  
Aniline  
Concen: 20.46 ng  
RT: 6.81 min Scan# 518  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 79.5  | 29.1  | 43.7# |
| 65      | 50.9  | 14.6  | 22.0# |





#7

Phenol-d6

Concen: 119.93 ng

RT: 6.79 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

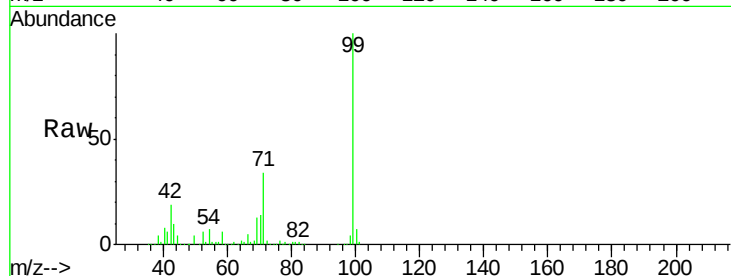
Tgt Ion: 99 Resp: 565984

Ion Ratio Lower Upper

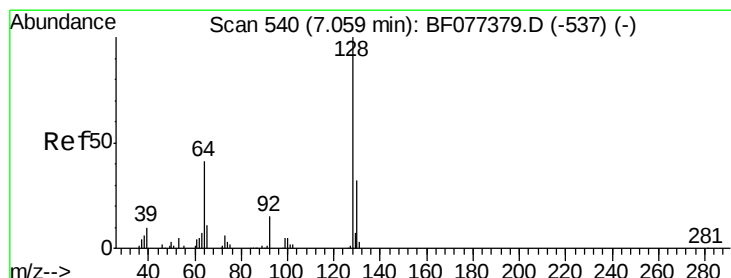
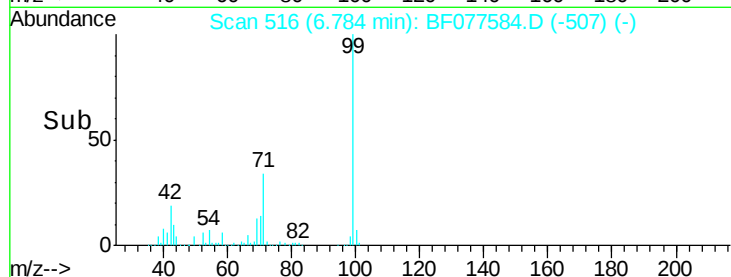
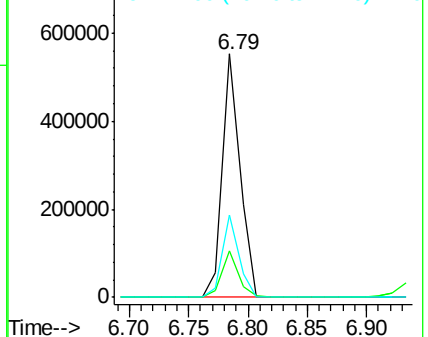
99 100

42 19.3 16.2 24.4

71 33.6 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.65 ng

RT: 6.95 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

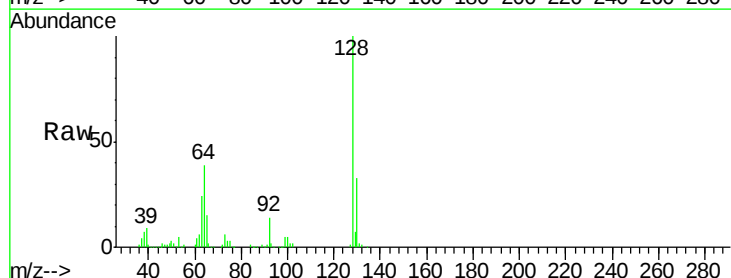
Tgt Ion: 128 Resp: 171693

Ion Ratio Lower Upper

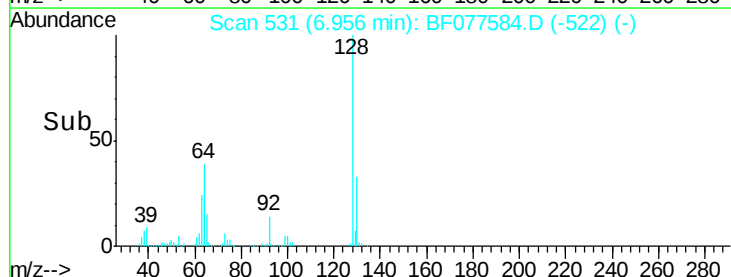
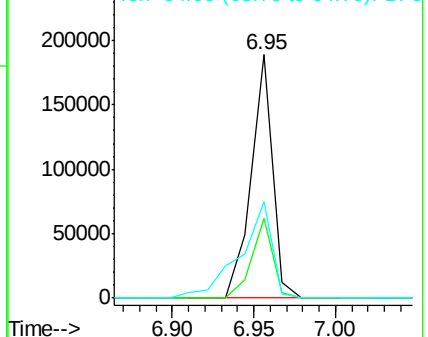
128 100

130 32.8 12.0 52.0

64 39.4 29.2 69.2



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.75 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

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ClientSampleId :

PB81970BS

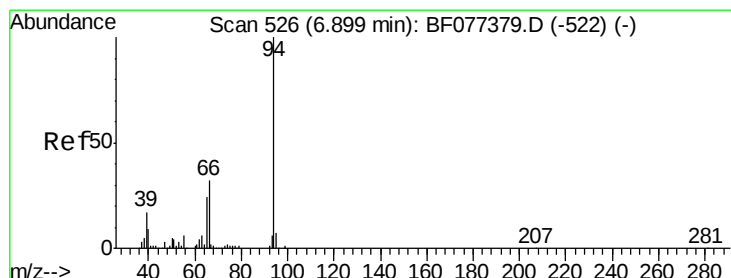
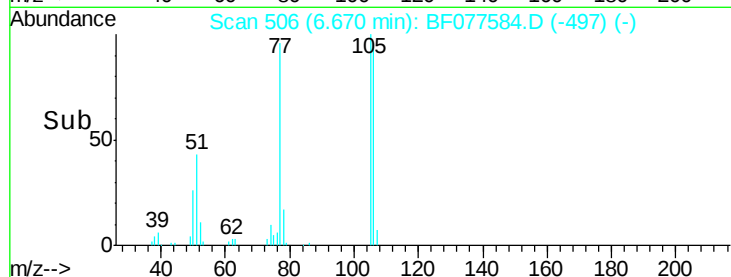
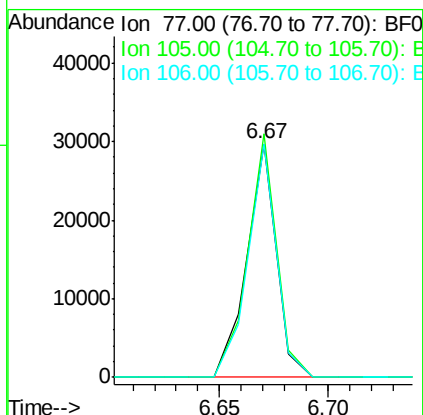
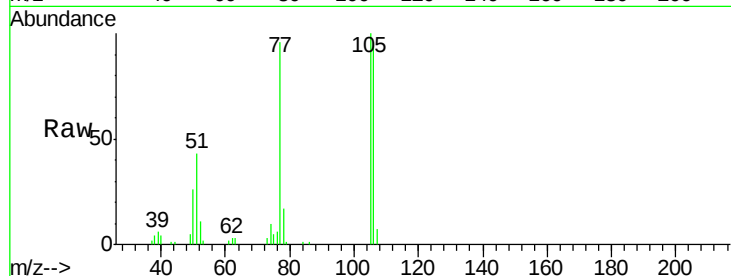
Tgt Ion: 77 Resp: 27946

Ion Ratio Lower Upper

77 100

105 104.3 85.9 125.9

106 99.9 82.9 122.9



#10

Phenol

Concen: 36.53 ng

RT: 6.80 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

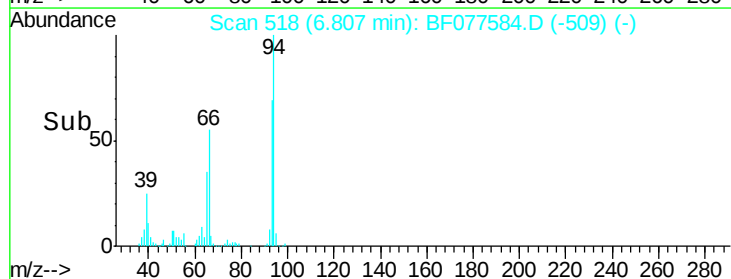
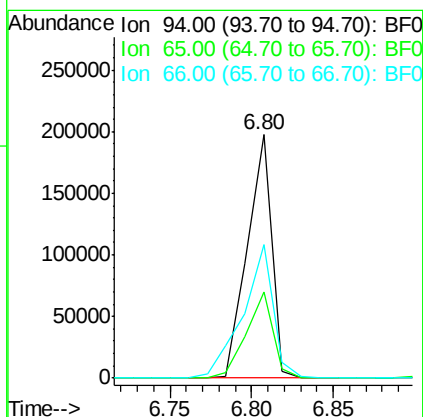
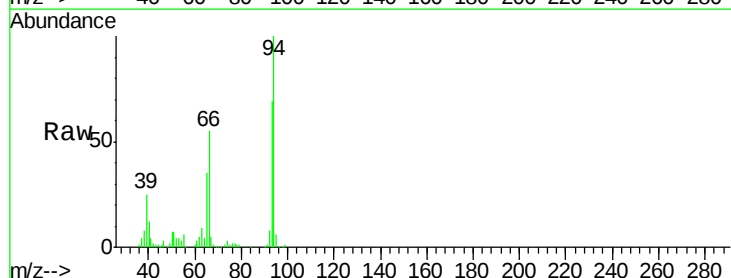
Tgt Ion: 94 Resp: 204545

Ion Ratio Lower Upper

94 100

65 35.3 5.7 45.7

66 55.1 13.6 53.6#





#11

bis(2-Chloroethyl)ether

Concen: 36.36 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

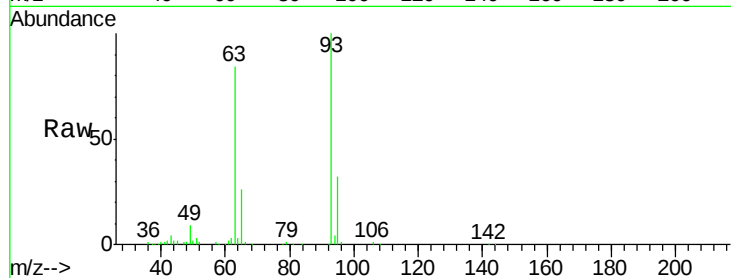
Tgt Ion: 93 Resp: 146286

Ion Ratio Lower Upper

93 100

63 84.1 48.7 88.7

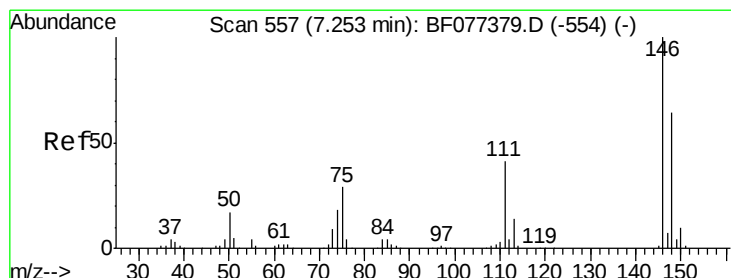
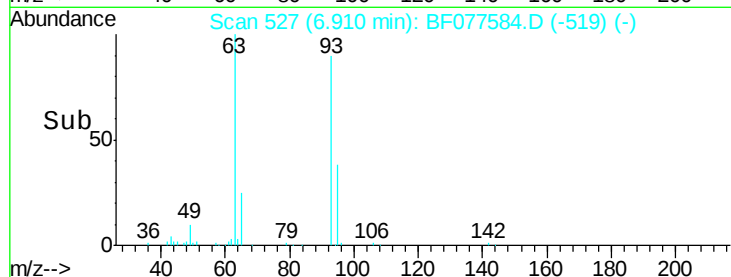
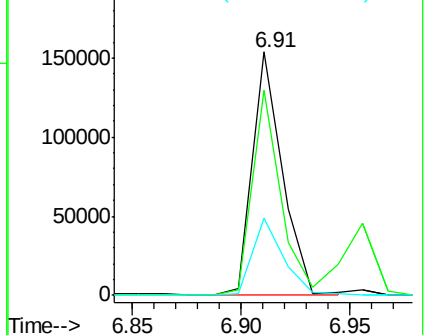
95 31.9 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.26 ng

RT: 7.15 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

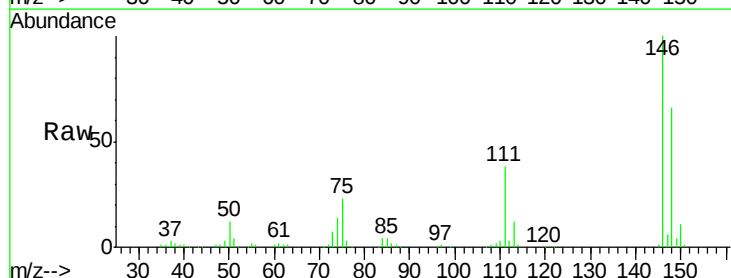
Tgt Ion: 146 Resp: 175667

Ion Ratio Lower Upper

146 100

148 66.3 49.8 74.8

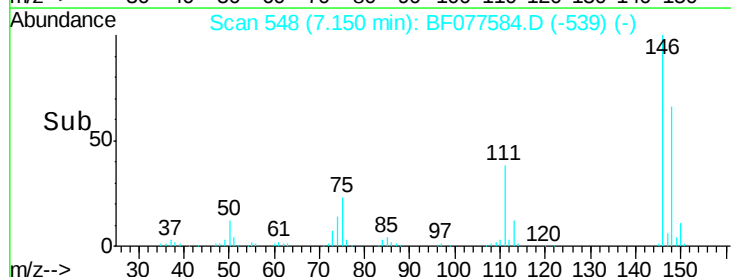
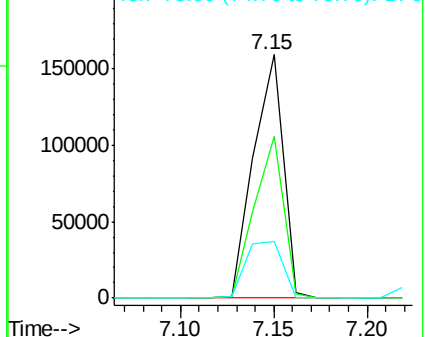
75 23.2 28.2 42.4#

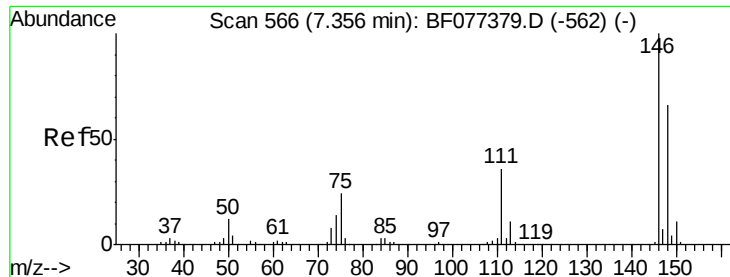


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

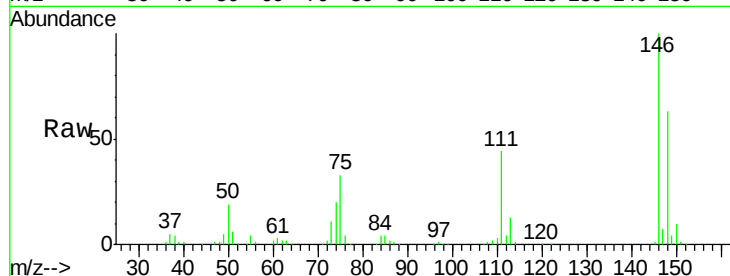




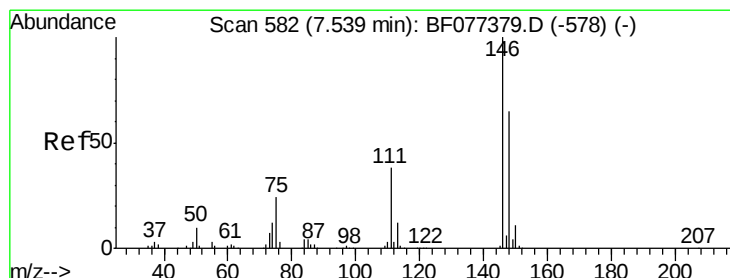
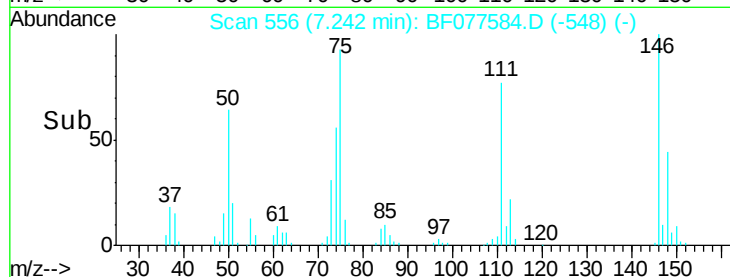
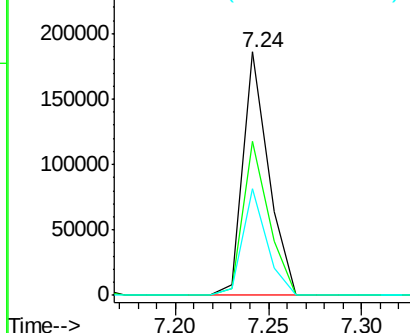
#13  
 1,4-Dichlorobenzene  
 Concen: 37.00 ng  
 RT: 7.24 min Scan# 556  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Tgt Ion:146 Resp: 177494  
 Ion Ratio Lower Upper  
 146 100  
 148 63.2 52.0 78.0  
 111 43.6 31.9 47.9

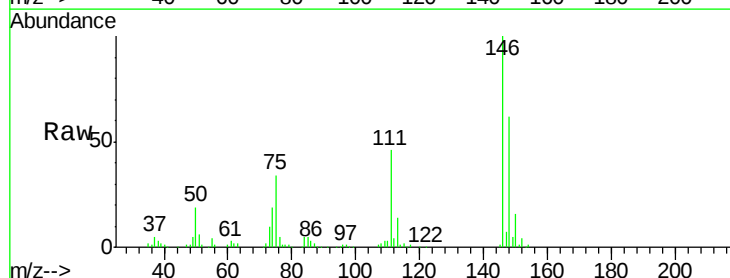


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

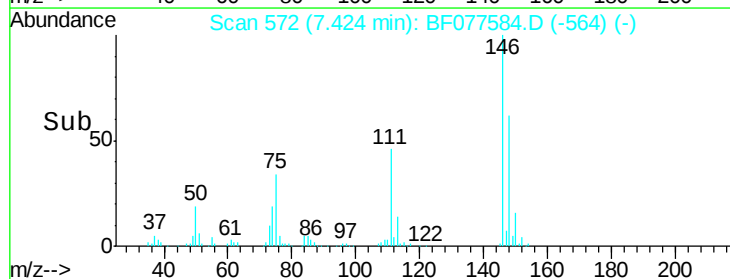
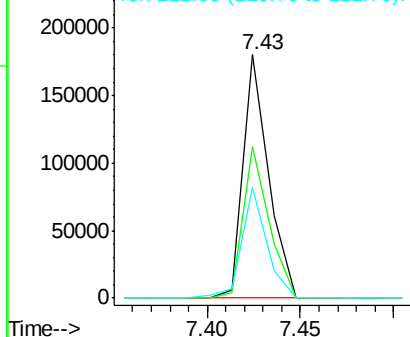


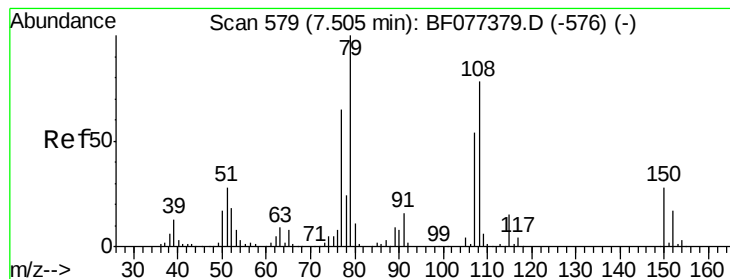
#14  
 1,2-Dichlorobenzene  
 Concen: 37.20 ng  
 RT: 7.43 min Scan# 572  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion:146 Resp: 169749  
 Ion Ratio Lower Upper  
 146 100  
 148 62.0 51.6 77.4  
 111 45.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.32 ng

RT: 7.40 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

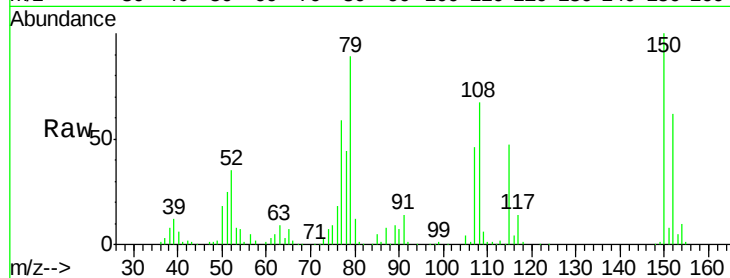
Tgt Ion: 79 Resp: 133874

Ion Ratio Lower Upper

79 100

108 74.7 58.3 87.5

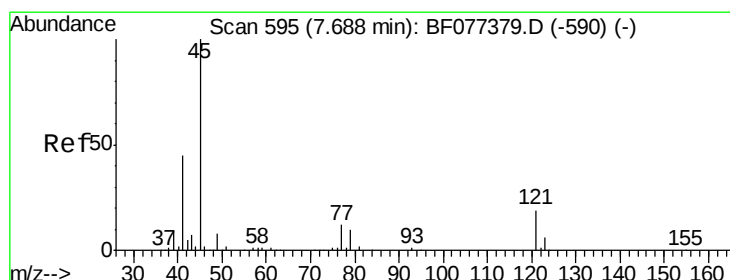
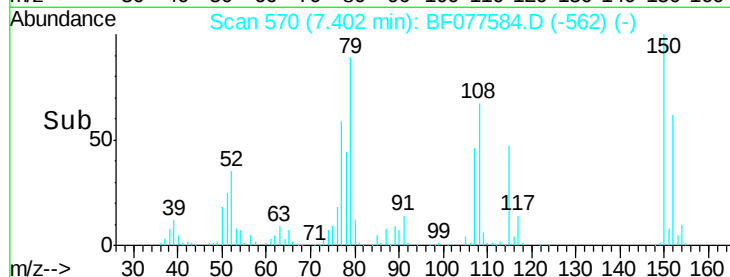
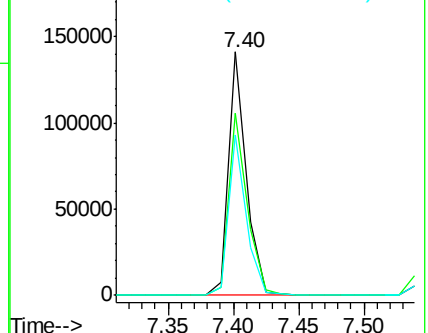
77 65.7 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.65 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

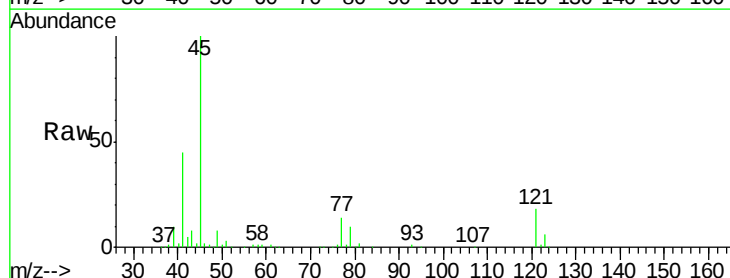
Tgt Ion: 45 Resp: 205084

Ion Ratio Lower Upper

45 100

77 13.6 0.0 34.6

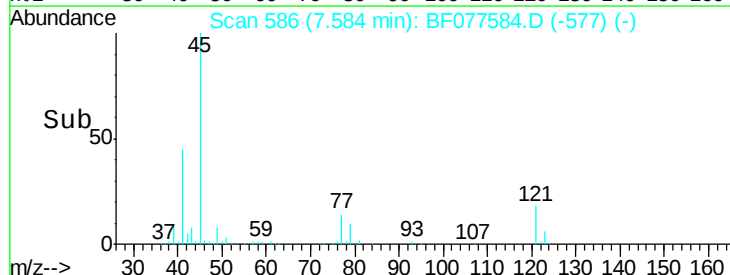
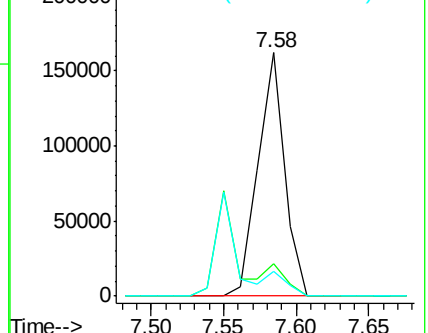
79 10.3 0.0 31.5

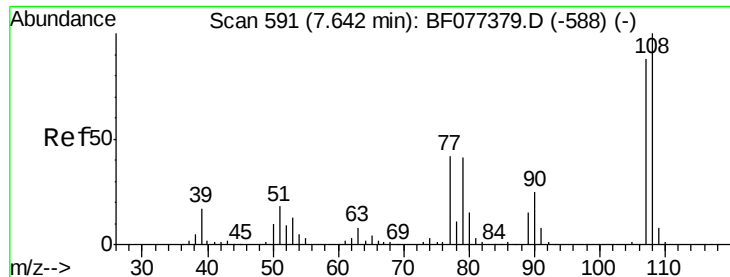


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

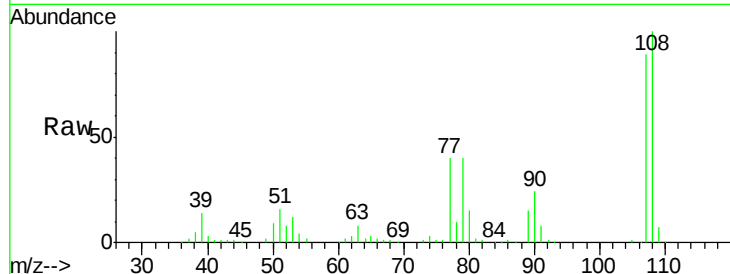




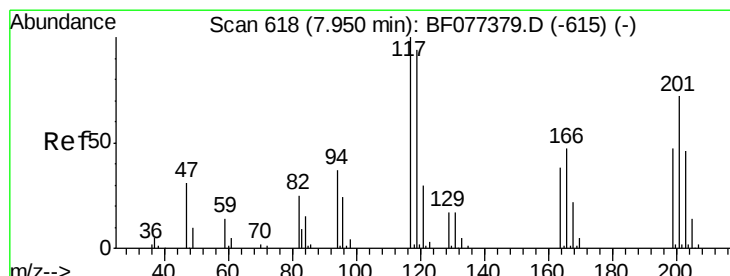
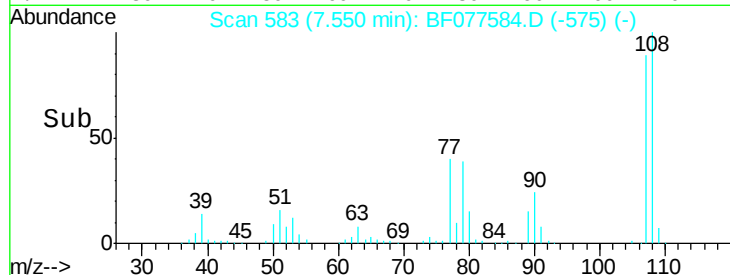
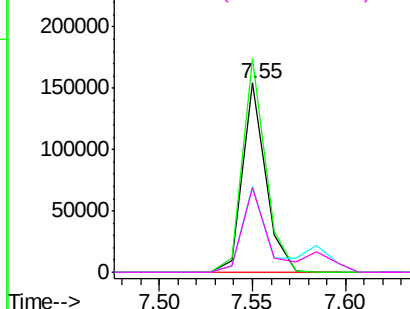
#17  
2-Methylphenol  
Concen: 39.46 ng  
RT: 7.55 min Scan# 583  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

Tgt Ion:107 Resp: 133564  
Ion Ratio Lower Upper  
107 100  
108 112.9 91.2 136.8  
77 45.5 33.6 50.4  
79 44.8 32.1 48.1

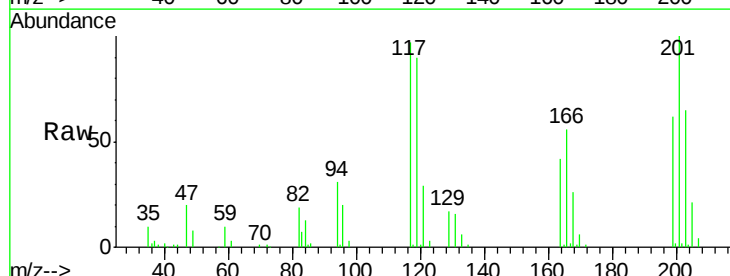


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

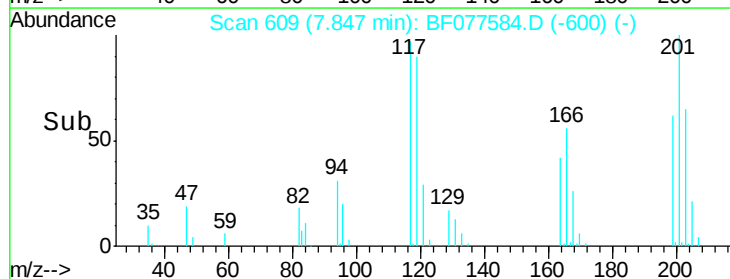
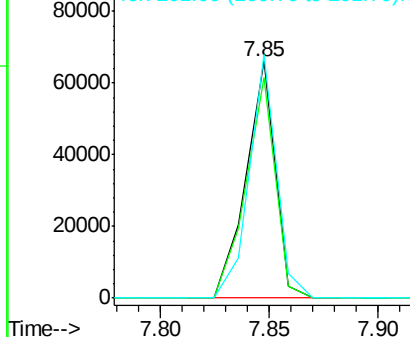


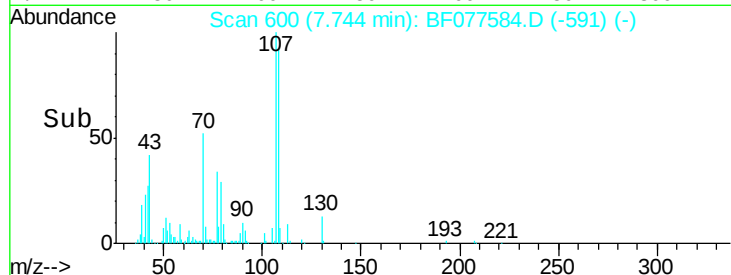
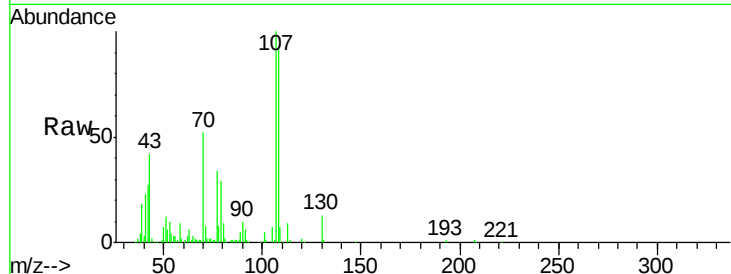
#18  
Hexachloroethane  
Concen: 38.49 ng  
RT: 7.85 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion:117 Resp: 61657  
Ion Ratio Lower Upper  
117 100  
119 92.9 77.8 116.8  
201 102.7 90.6 136.0



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

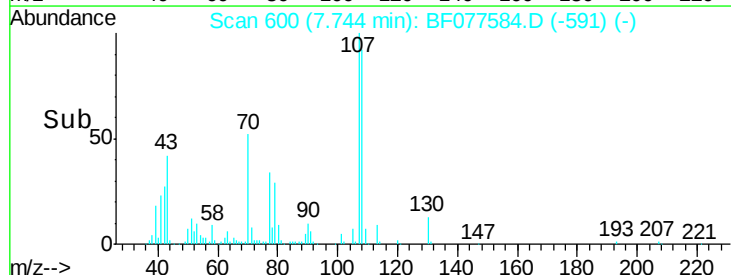
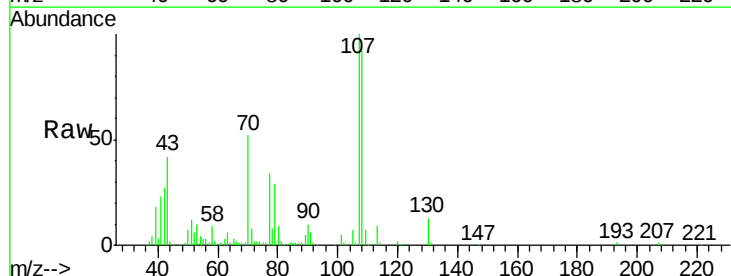
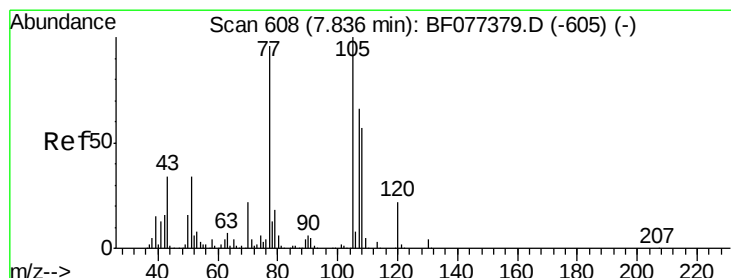
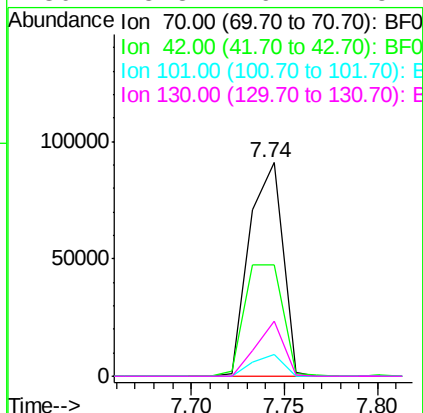




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.65 ng  
RT: 7.74 min Scan# 600  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

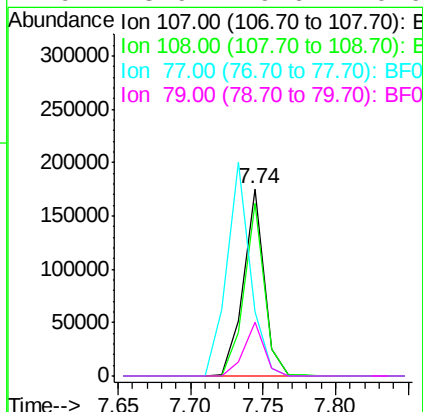
Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

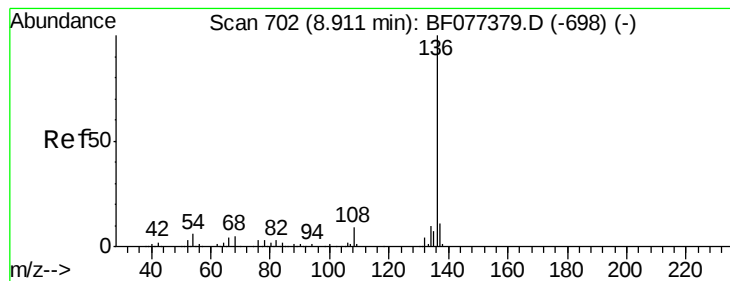
Tgt Ion: 70 Resp: 112835  
Ion Ratio Lower Upper  
70 100  
42 52.4 48.3 72.5  
101 10.4 7.5 11.3  
130 25.8 16.7 25.1#



#20  
3+4-Methylphenols  
Concen: 39.35 ng  
RT: 7.74 min Scan# 600  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion: 107 Resp: 175390  
Ion Ratio Lower Upper  
107 100  
108 92.2 76.8 116.8  
77 34.5 65.8 105.8#  
79 28.9 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

Tgt Ion:136 Resp: 244850

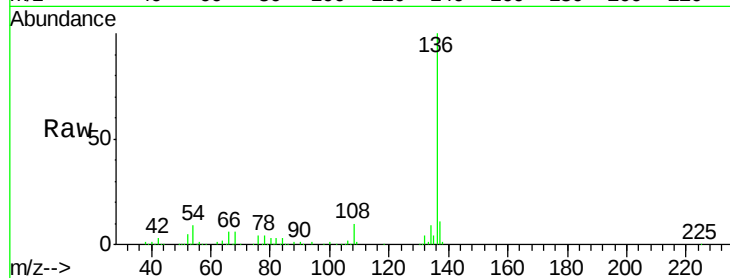
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.0 6.2 9.4

68 6.4 5.0 7.6

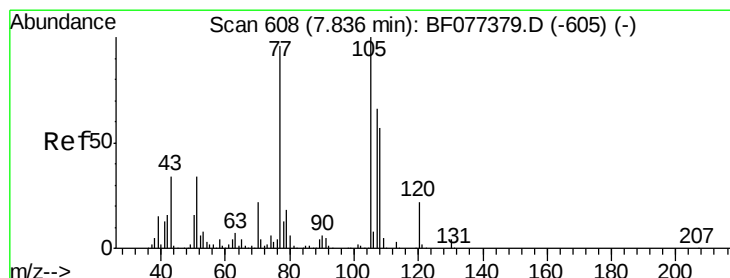
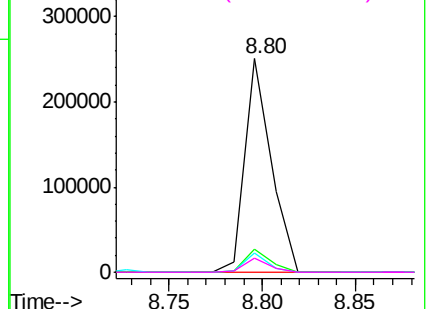
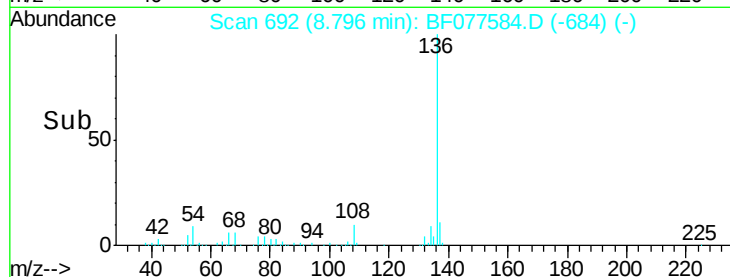


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.45 ng

RT: 7.73 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Tgt Ion:105 Resp: 233002

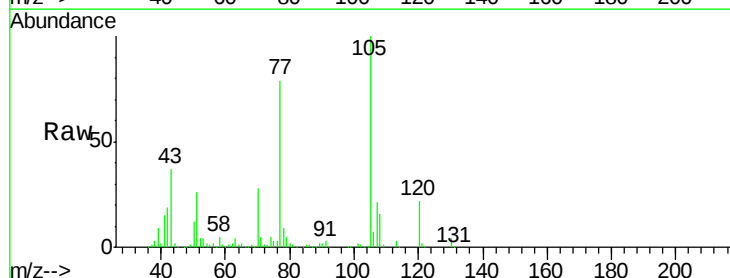
Ion Ratio Lower Upper

105 100

71 4.6 1.7 2.5#

51 26.1 30.7 46.1#

120 22.1 16.7 25.1

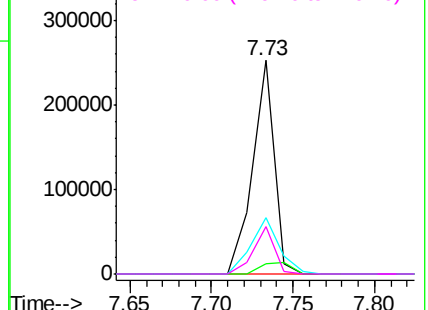
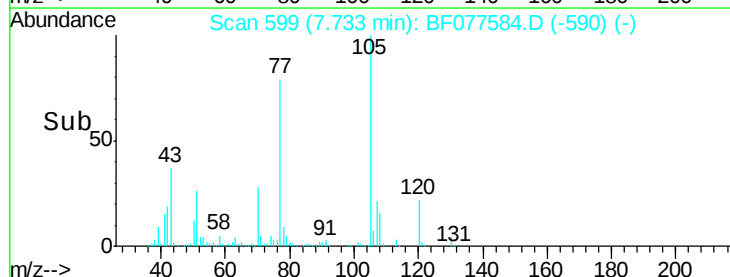


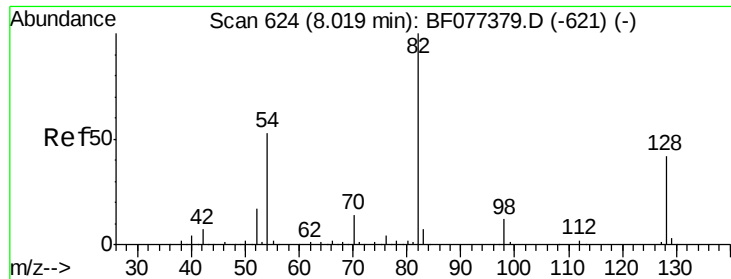
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

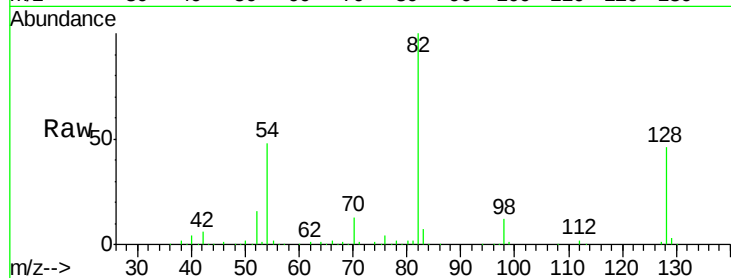




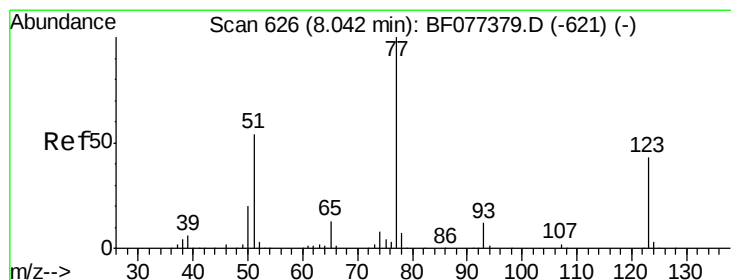
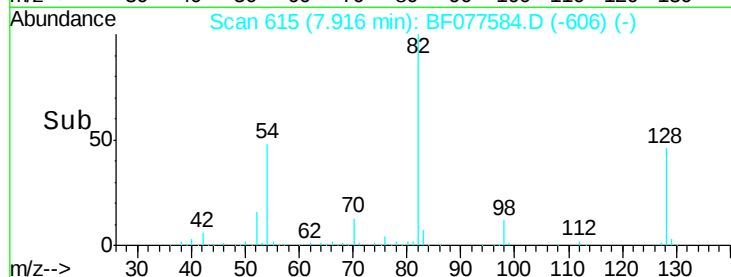
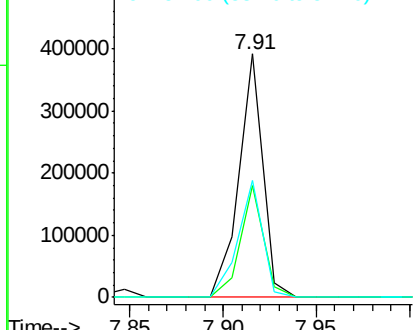
#23  
 Nitrobenzene-d5  
 Concen: 89.81 ng  
 RT: 7.91 min Scan# 615  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Tgt Ion: 82 Resp: 353622  
 Ion Ratio Lower Upper  
 82 100  
 128 45.9 43.8 65.8  
 54 48.0 36.7 55.1

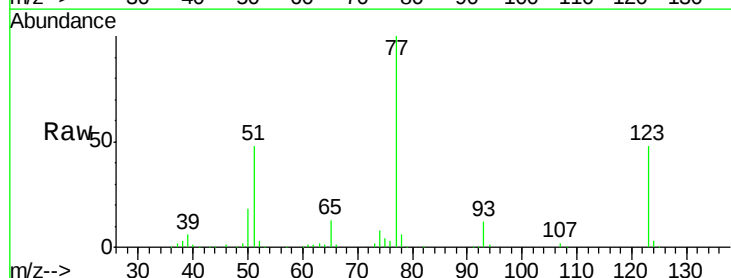


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

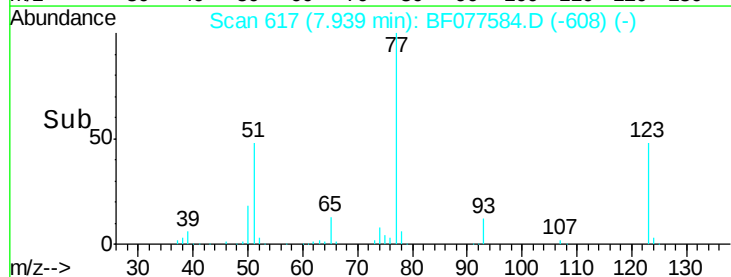
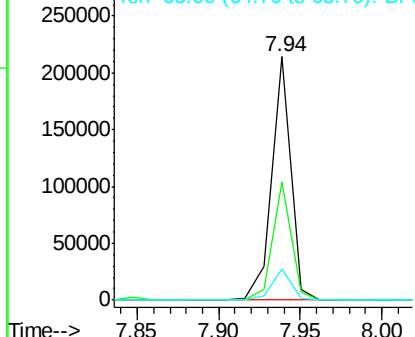


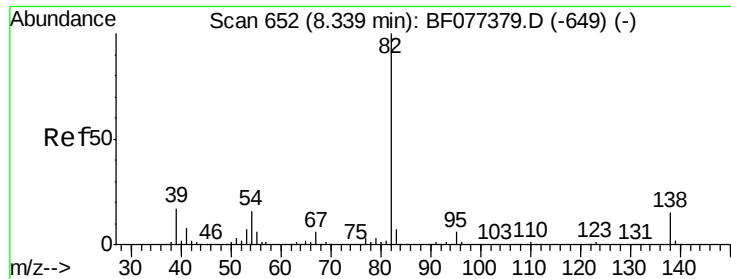
#24  
 Nitrobenzene  
 Concen: 42.26 ng  
 RT: 7.94 min Scan# 617  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion: 77 Resp: 175045  
 Ion Ratio Lower Upper  
 77 100  
 123 48.3 45.9 68.9  
 65 12.9 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): B  
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.51 ng

RT: 8.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

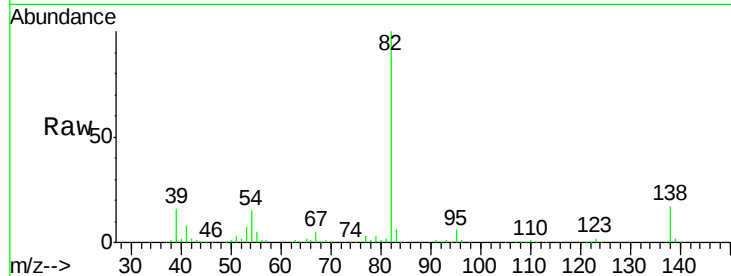
Tgt Ion: 82 Resp: 300868

Ion Ratio Lower Upper

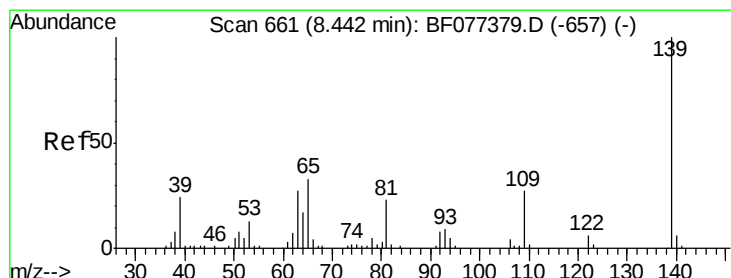
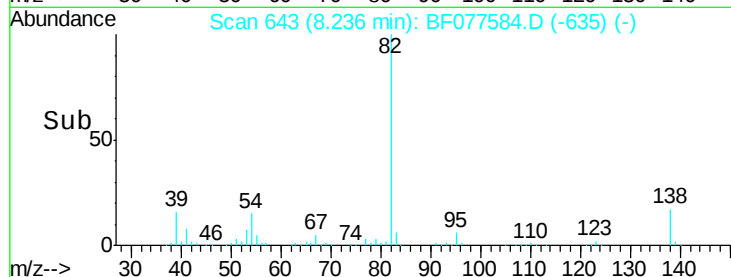
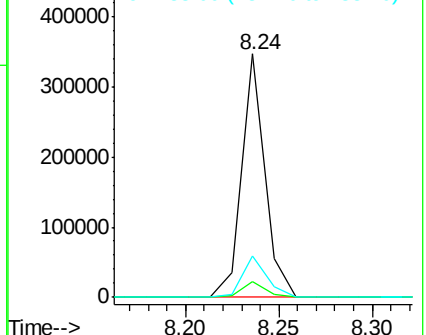
82 100

95 6.3 5.4 8.2

138 17.1 16.3 24.5



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: 43.67 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

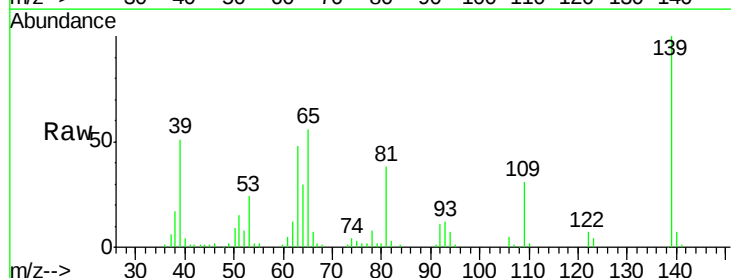
Tgt Ion: 139 Resp: 74141

Ion Ratio Lower Upper

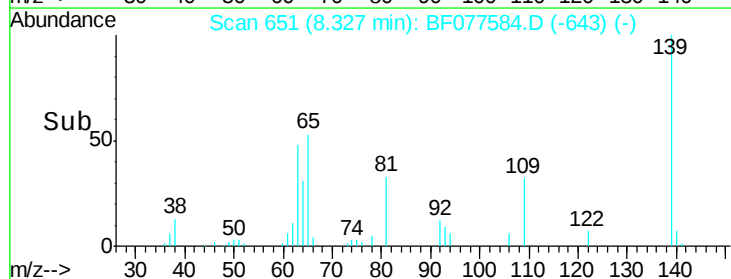
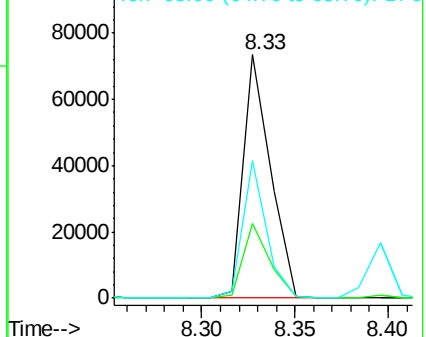
139 100

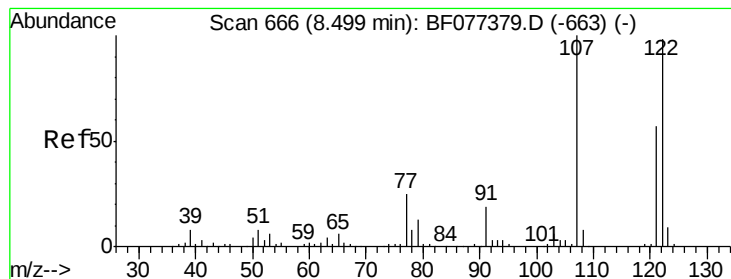
109 30.8 22.6 34.0

65 56.4 36.4 54.6#



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

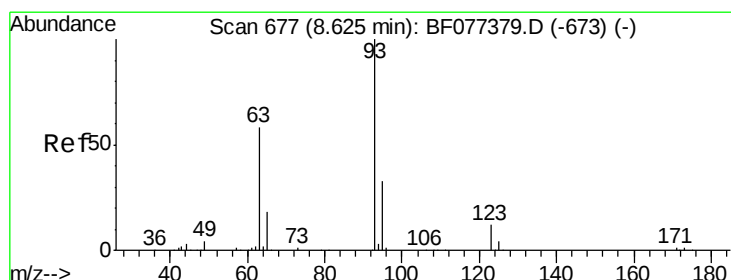
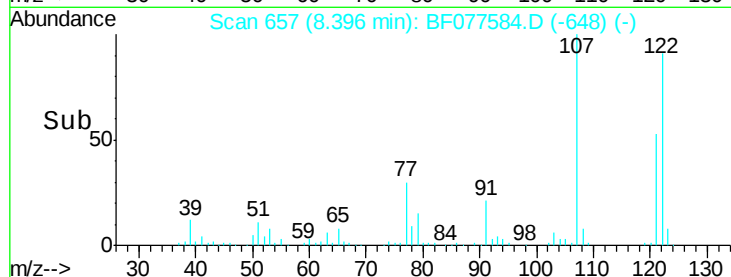
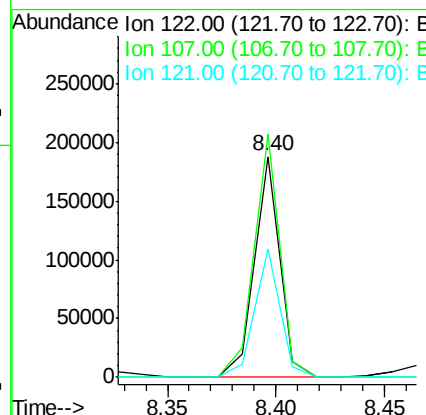
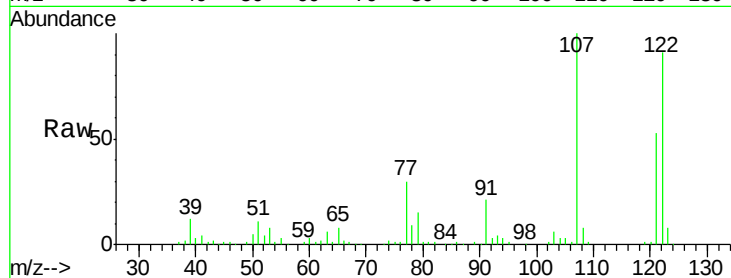




#27  
 2,4-Dimethylphenol  
 Concen: 40.31 ng  
 RT: 8.40 min Scan# 657  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

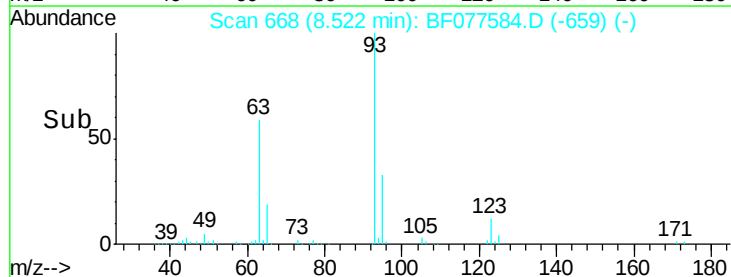
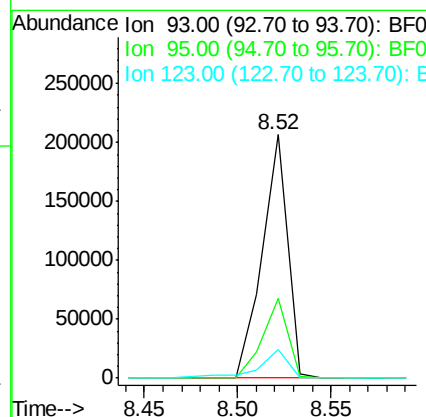
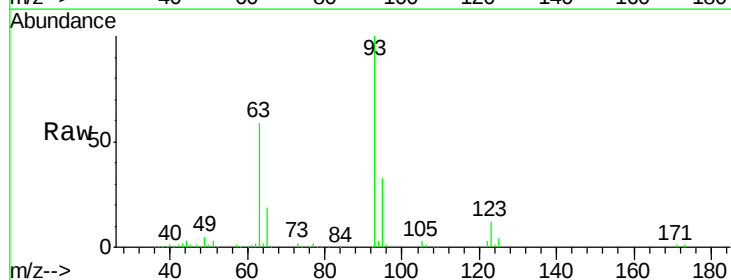
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

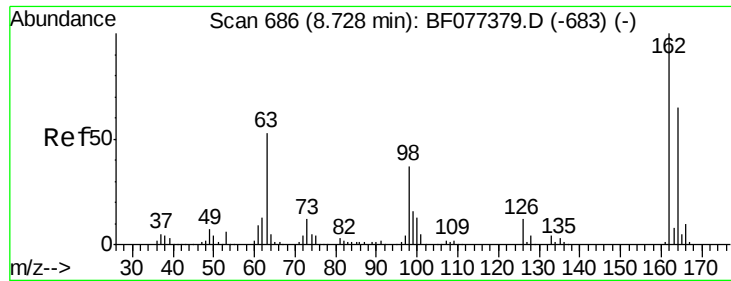
Tgt Ion: 122 Resp: 153128  
 Ion Ratio Lower Upper  
 122 100  
 107 110.1 86.6 130.0  
 121 58.2 47.4 71.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.17 ng  
 RT: 8.52 min Scan# 668  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion: 93 Resp: 193291  
 Ion Ratio Lower Upper  
 93 100  
 95 33.0 26.4 39.6  
 123 11.8 8.7 13.1

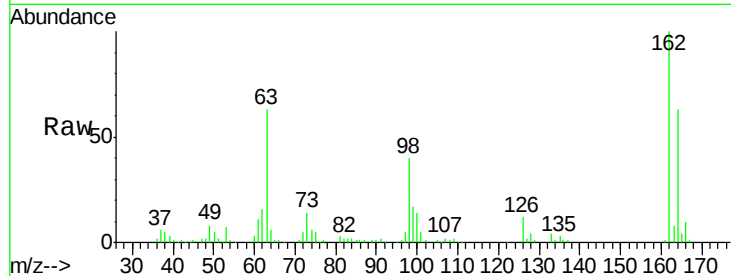




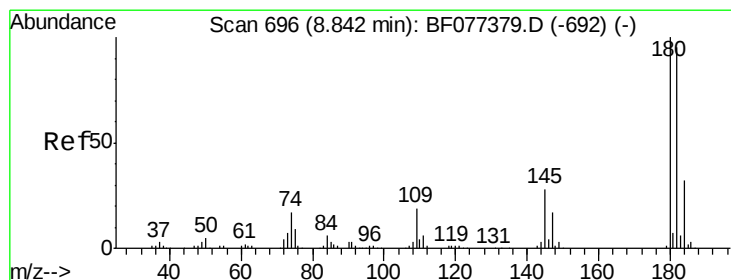
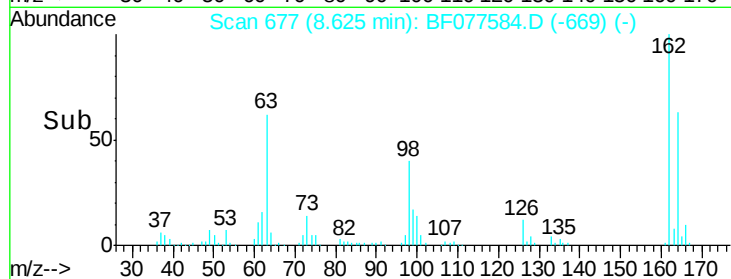
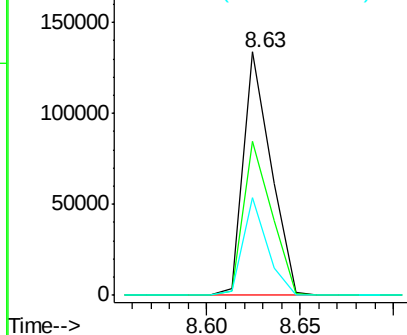
#29  
 2,4-Dichlorophenol  
 Concen: 38.79 ng  
 RT: 8.63 min Scan# 677  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Tgt Ion:162 Resp: 138332  
 Ion Ratio Lower Upper  
 162 100  
 164 63.2 46.4 86.4  
 98 40.2 6.9 46.9

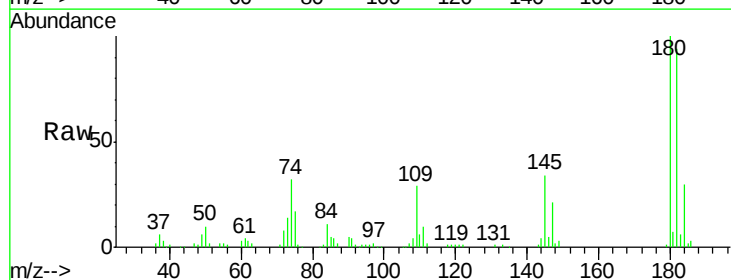


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

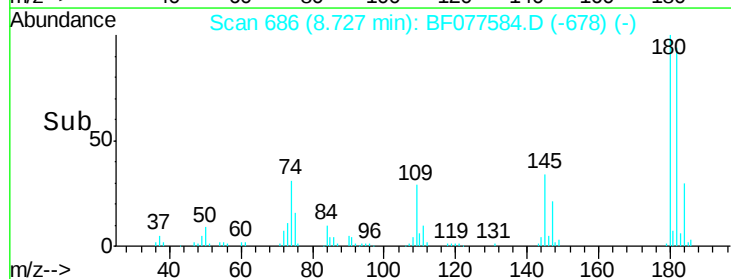
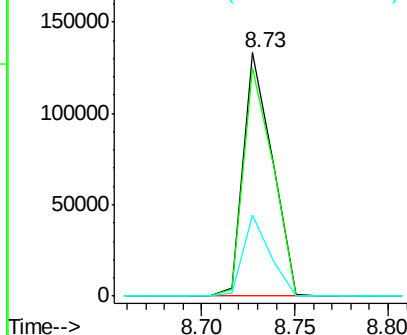


#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.41 ng  
 RT: 8.73 min Scan# 686  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion:180 Resp: 142736  
 Ion Ratio Lower Upper  
 180 100  
 182 93.8 76.2 114.4  
 145 33.5 24.5 36.7



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

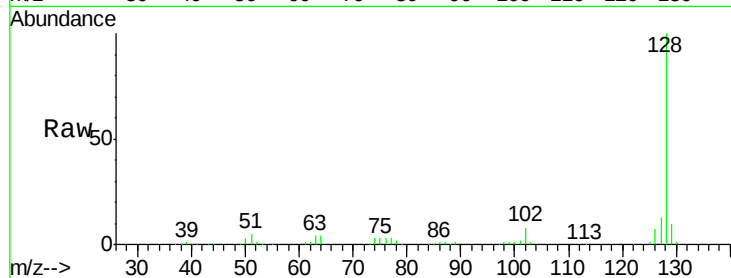




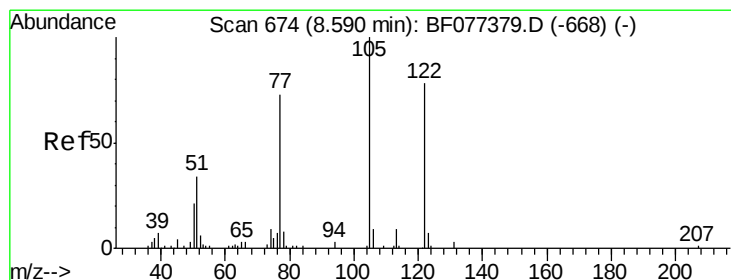
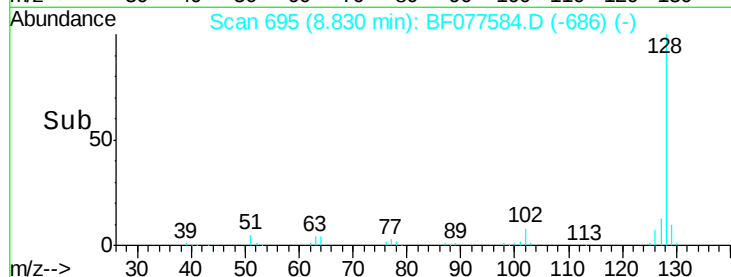
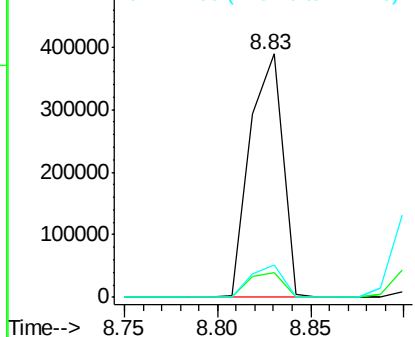
#31  
Naphthalene  
Concen: 38.72 ng  
RT: 8.83 min Scan# 695  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

Tgt Ion:128 Resp: 474104  
Ion Ratio Lower Upper  
128 100  
129 10.3 9.4 14.0  
127 13.2 10.6 15.8

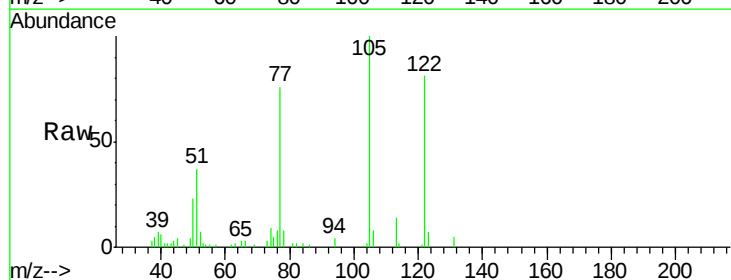


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

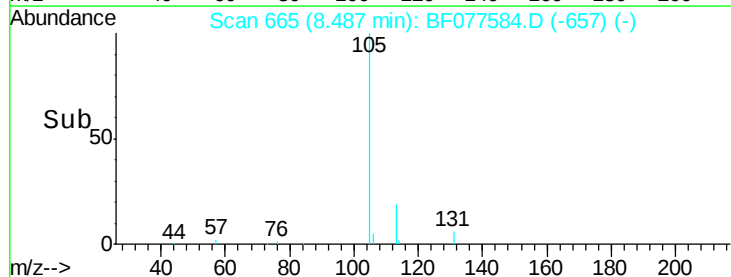
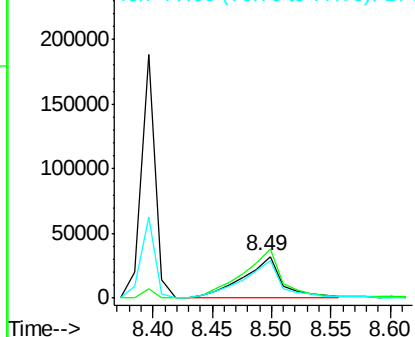


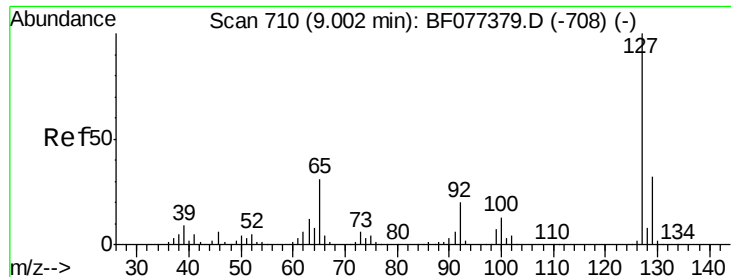
#32  
Benzoic acid  
Concen: 39.22 ng  
RT: 8.49 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion:122 Resp: 72392  
Ion Ratio Lower Upper  
122 100  
105 123.9 100.3 140.3  
77 94.4 68.7 108.7



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

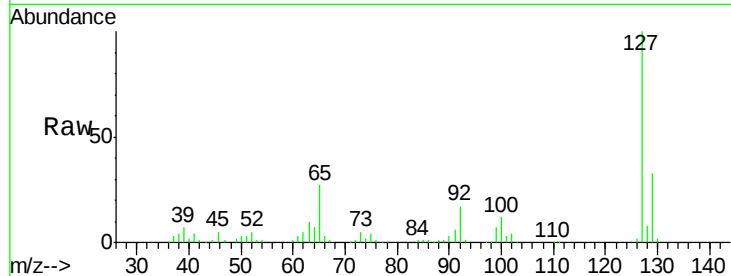




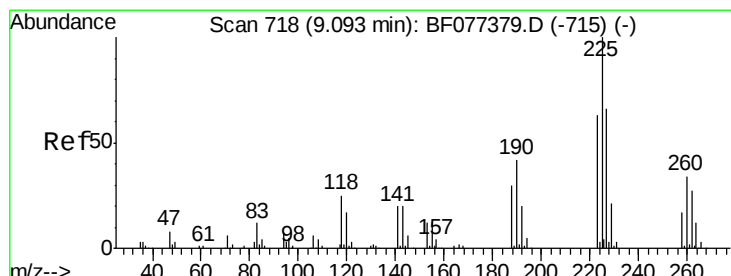
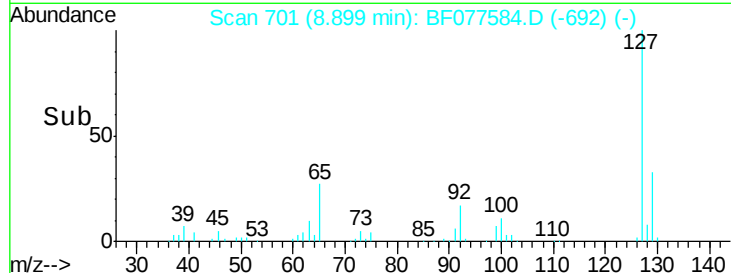
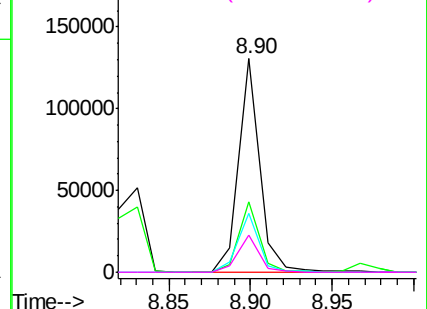
#33  
4-Chloroaniline  
Concen: 21.42 ng  
RT: 8.90 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 116588 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.3  | 26.9  | 40.3   |
| 65       | 27.4  | 16.7  | 25.1#  |
| 92       | 17.4  | 12.5  | 18.7   |

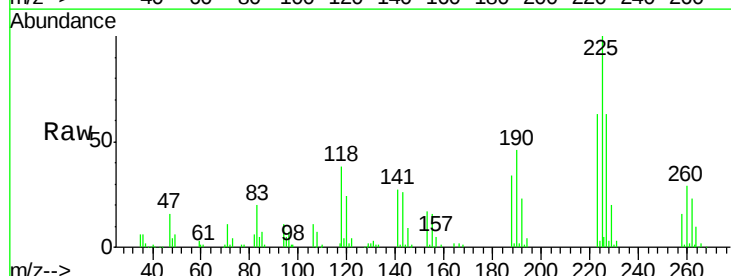


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

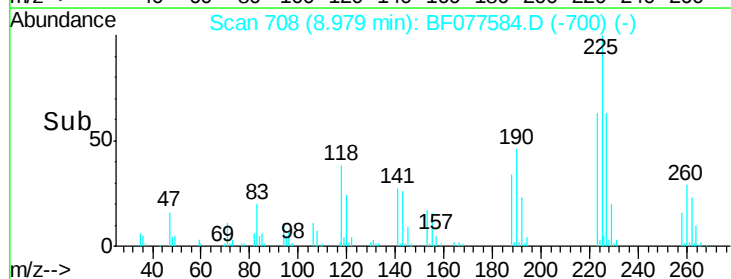
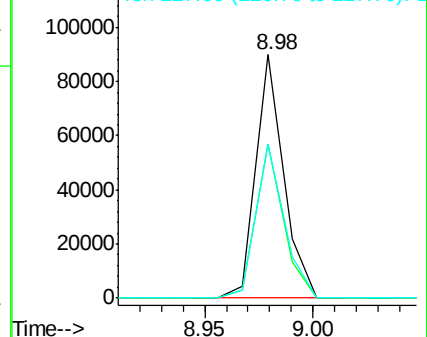


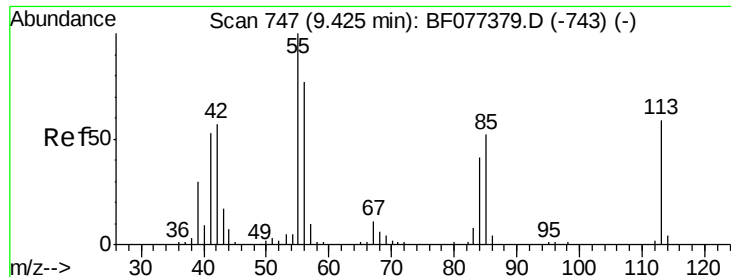
#34  
Hexachlorobutadiene  
Concen: 35.66 ng  
RT: 8.98 min Scan# 708  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 79814 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.0  | 49.5  | 74.3  |
| 227      | 63.0  | 50.5  | 75.7  |



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

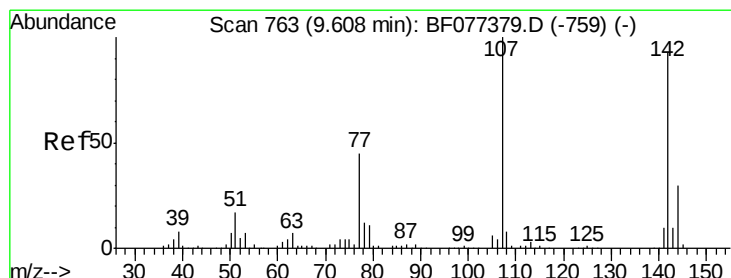
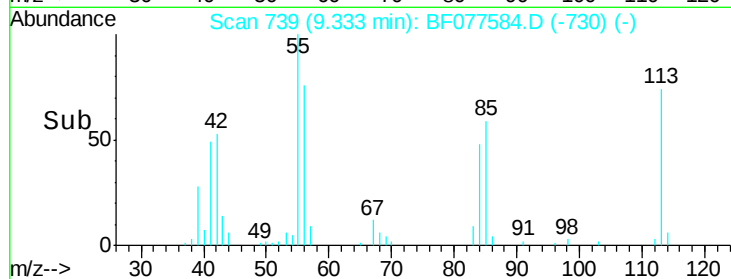
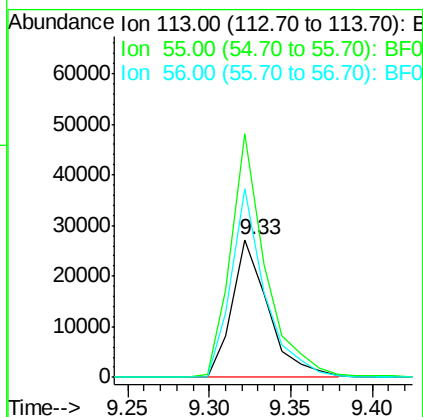
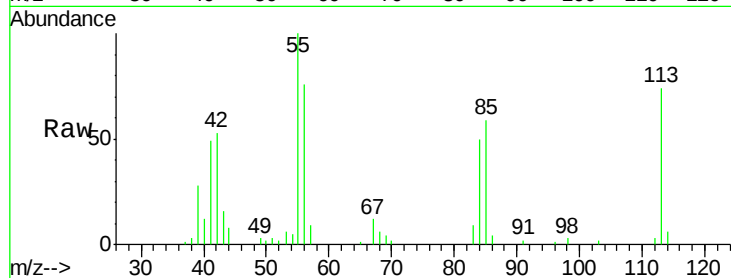




#35  
Caprolactam  
Concen: 38.63 ng  
RT: 9.33 min Scan# 739  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

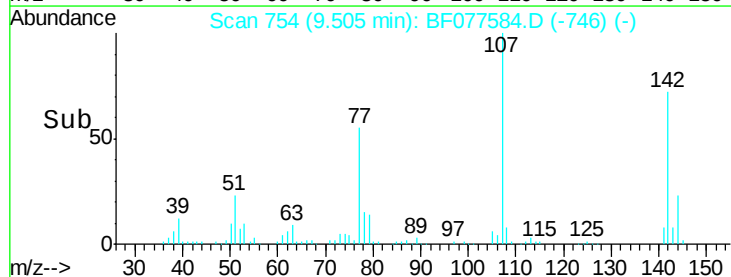
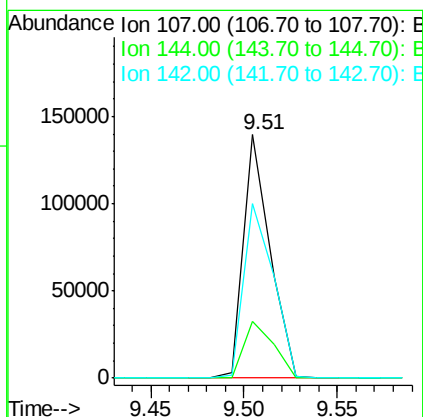
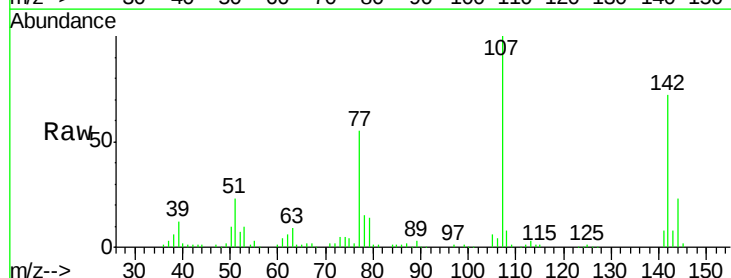
Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

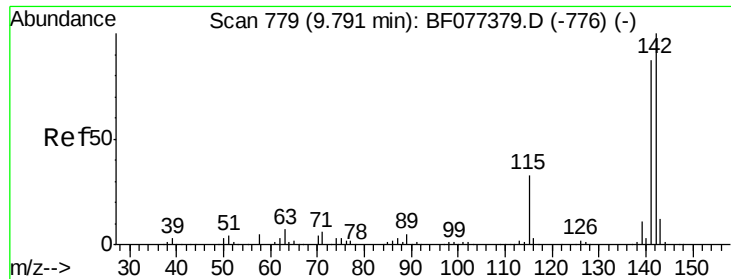
Tgt Ion:113 Resp: 42050  
Ion Ratio Lower Upper  
113 100  
55 134.5 154.6 194.6#  
56 101.6 114.0 154.0#



#36  
4-Chloro-3-methylphenol  
Concen: 38.70 ng  
RT: 9.51 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion:107 Resp: 138717  
Ion Ratio Lower Upper  
107 100  
144 23.1 21.1 31.7  
142 71.9 65.3 97.9

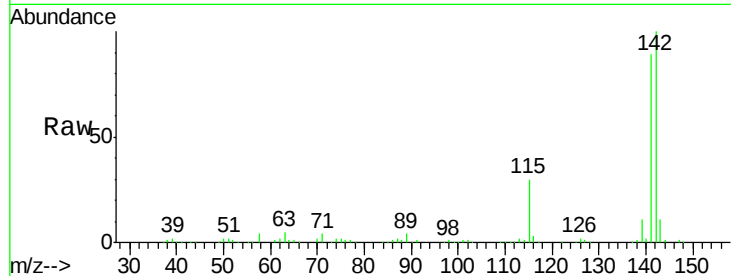




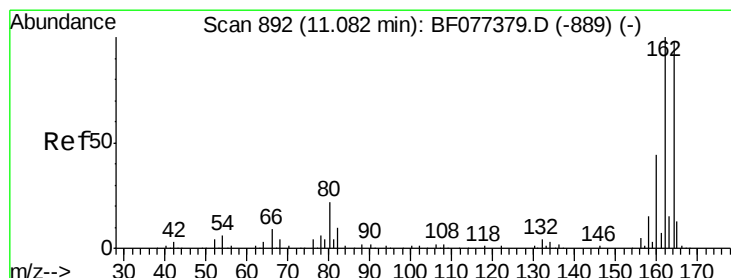
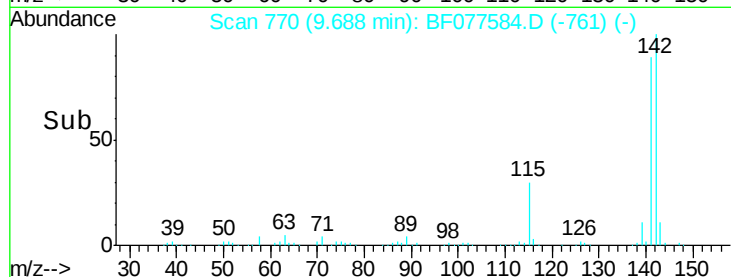
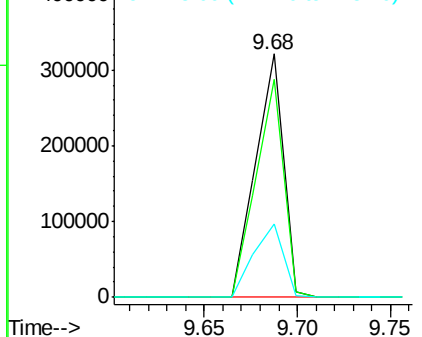
#37  
 2-Methylnaphthalene  
 Concen: 38.23 ng  
 RT: 9.68 min Scan# 770  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Tgt Ion:142 Resp: 332395  
 Ion Ratio Lower Upper  
 142 100  
 141 89.3 70.7 106.1  
 115 30.4 24.2 36.4

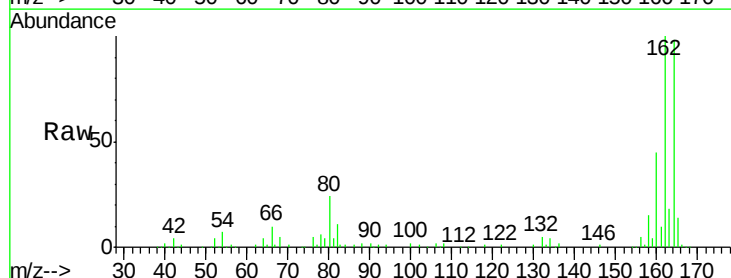


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

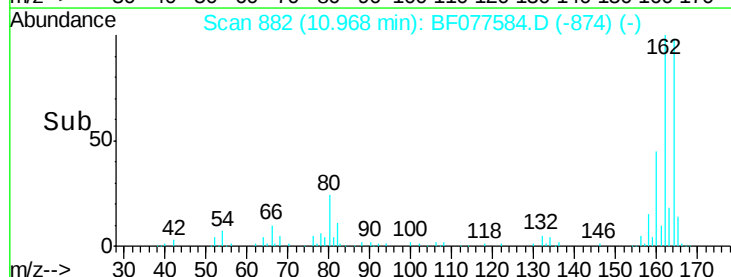
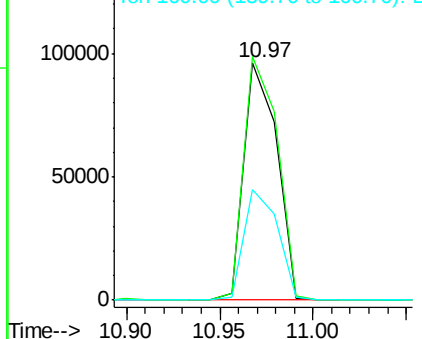


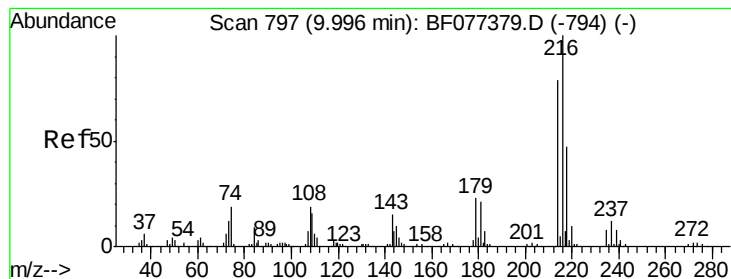
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.97 min Scan# 882  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion:164 Resp: 118313  
 Ion Ratio Lower Upper  
 164 100  
 162 102.4 83.2 124.8  
 160 46.5 34.6 52.0



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: 42.36 ng

RT: 9.89 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

Tgt Ion:216 Resp: 143802

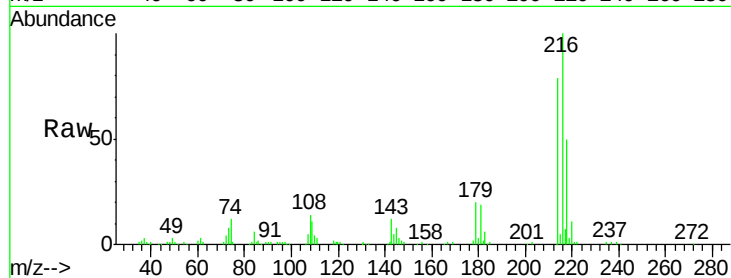
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 21.3 16.6 25.0

108 20.6 14.2 21.4

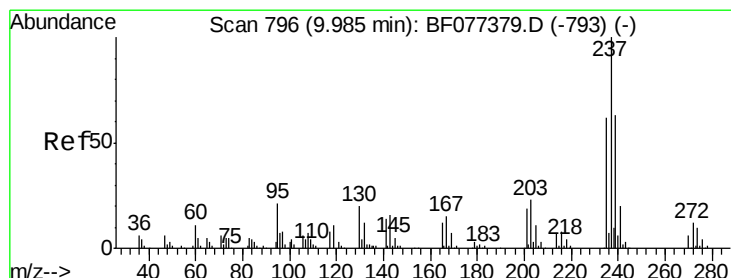
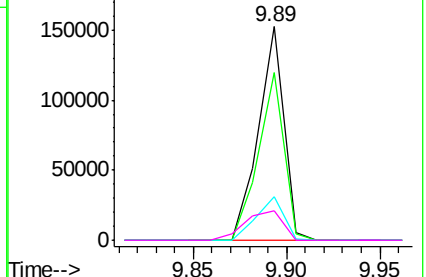
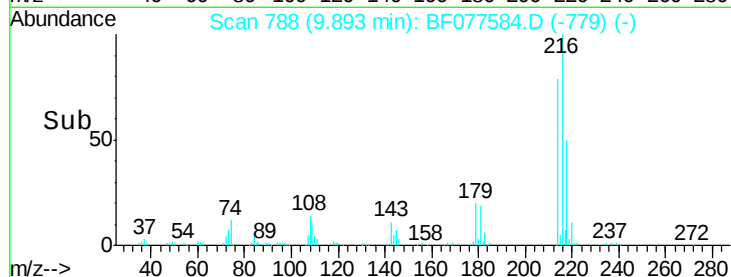


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.29 ng

RT: 9.88 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

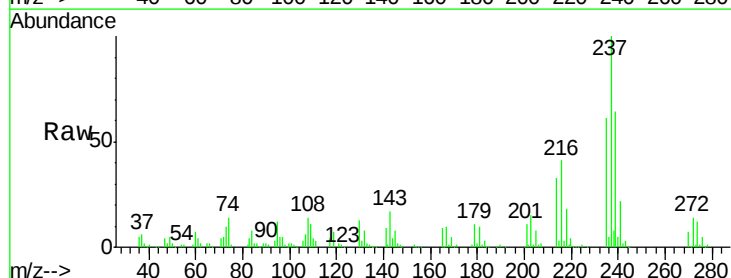
Tgt Ion:237 Resp: 140697

Ion Ratio Lower Upper

237 100

235 61.2 41.0 81.0

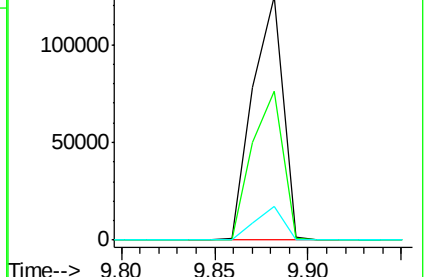
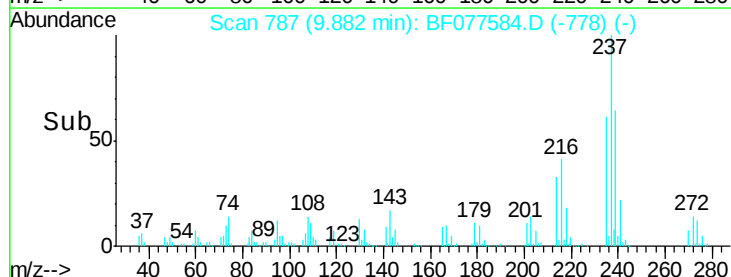
272 13.8 0.0 34.3

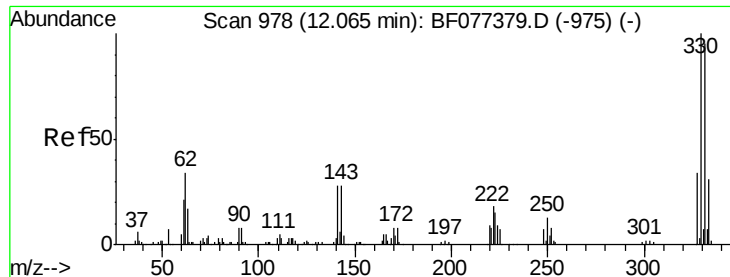


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

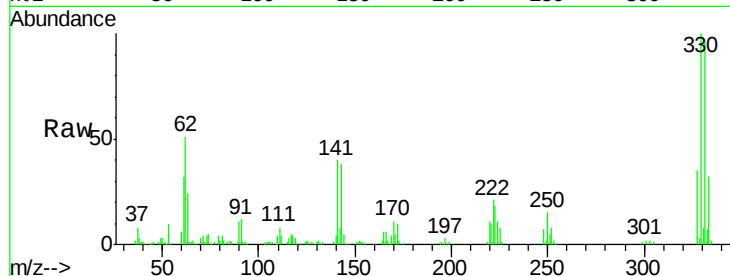




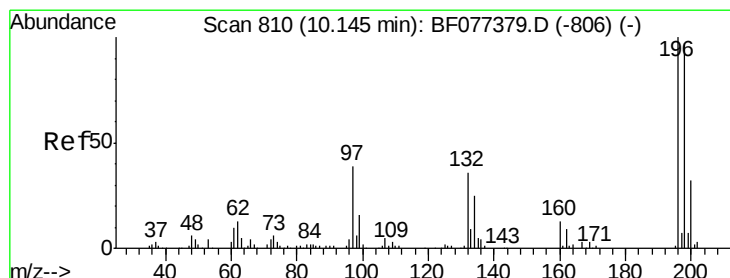
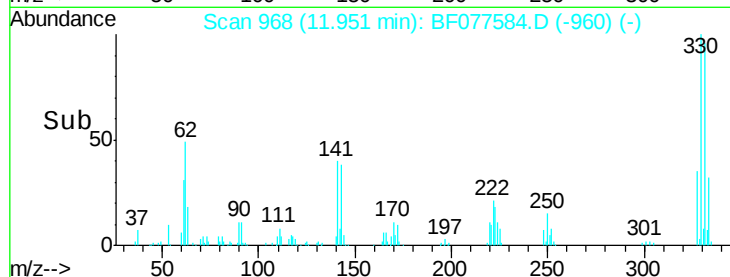
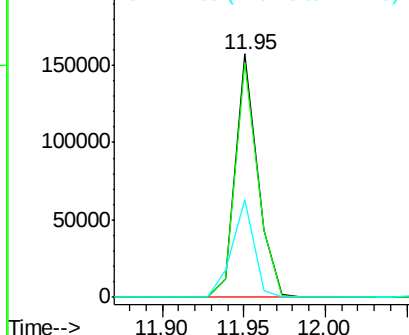
#41  
 2,4,6-Tribromophenol  
 Concen: 129.81 ng  
 RT: 11.95 min Scan# 968  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Tgt Ion:330 Resp: 147879  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 77.4 116.2  
 141 39.7 28.8 43.2

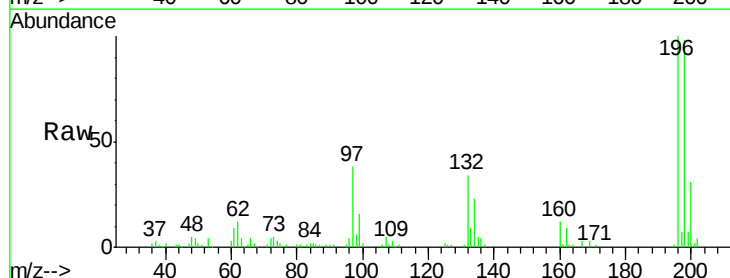


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

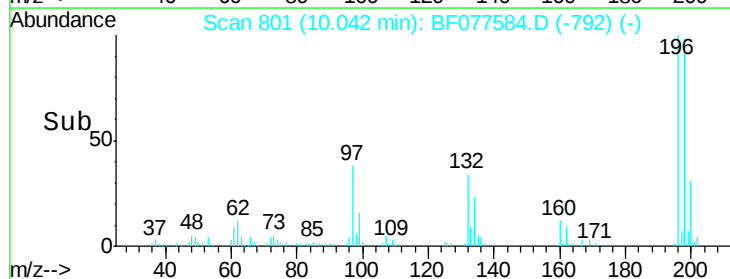
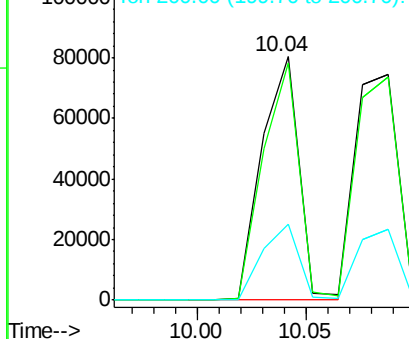


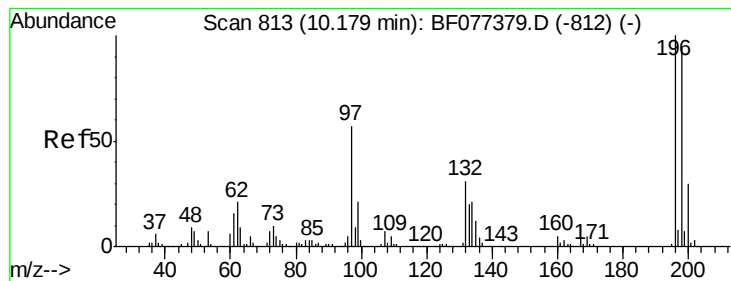
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.78 ng  
 RT: 10.04 min Scan# 801  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion:196 Resp: 96166  
 Ion Ratio Lower Upper  
 196 100  
 198 97.6 75.8 113.8  
 200 31.3 24.2 36.4



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: 42.24 ng

RT: 10.08 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

Tgt Ion:196 Resp: 101548

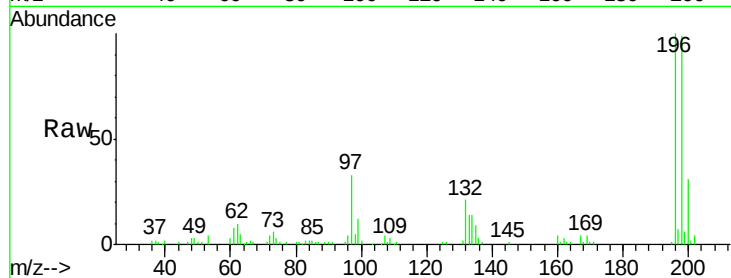
Ion Ratio Lower Upper

196 100

198 98.7 77.2 115.8

97 32.9 27.7 41.5

132 21.3 18.0 27.0

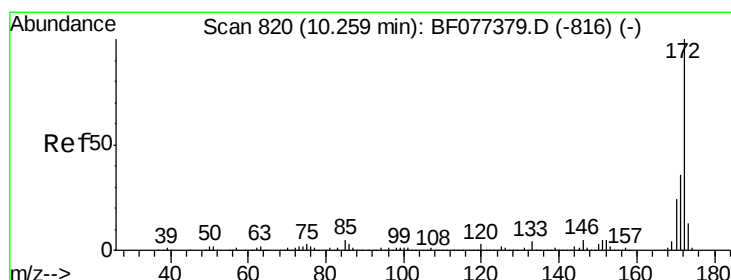
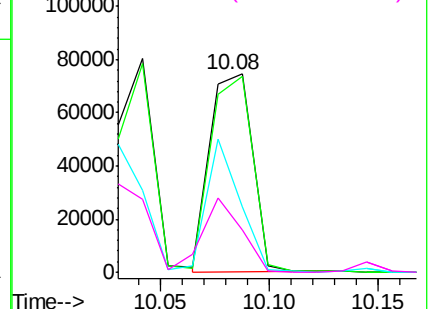
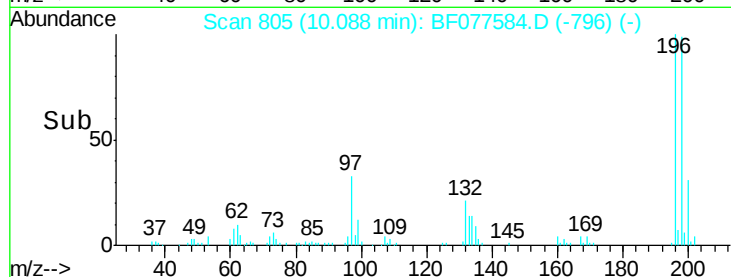


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 89.69 ng

RT: 10.15 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

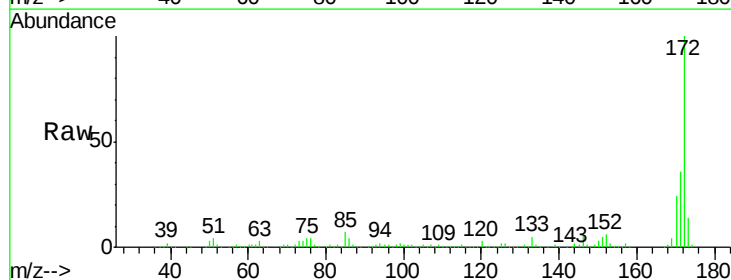
Tgt Ion:172 Resp: 680539

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

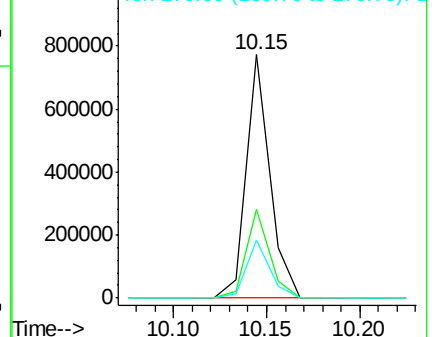
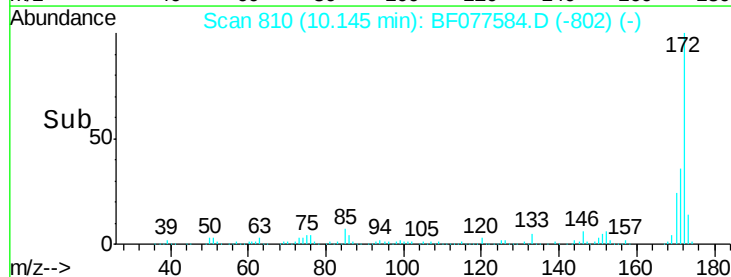
170 24.1 19.4 29.2

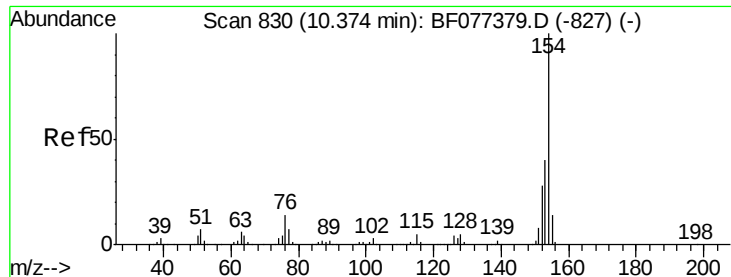


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

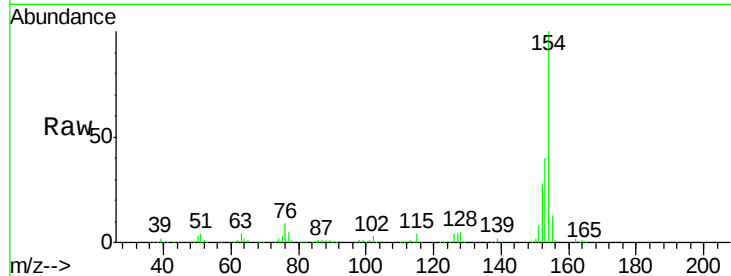




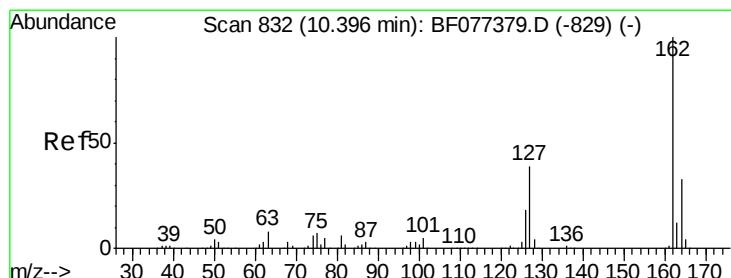
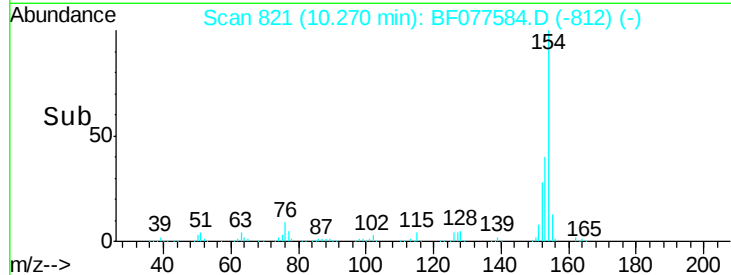
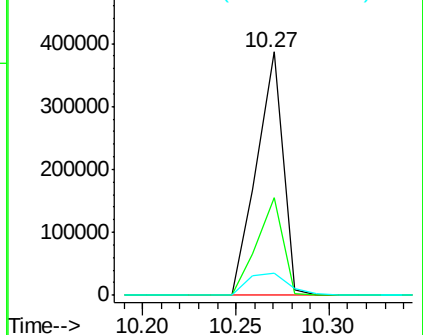
#45  
 1,1'-Biphenyl  
 Concen: 43.01 ng  
 RT: 10.27 min Scan# 821  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Tgt Ion:154 Resp: 385515  
 Ion Ratio Lower Upper  
 154 100  
 153 39.9 20.2 60.2  
 76 9.4 0.0 29.4

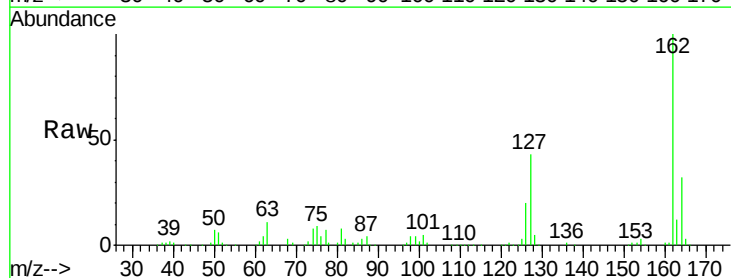


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

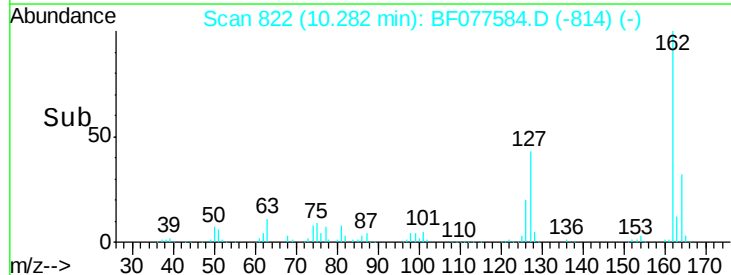
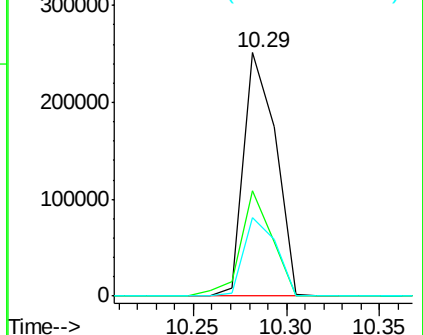


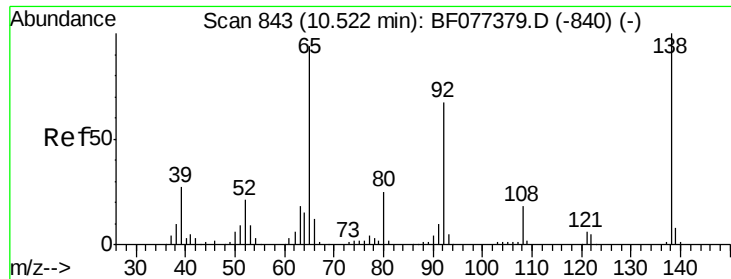
#46  
 2-Chloronaphthalene  
 Concen: 42.58 ng  
 RT: 10.29 min Scan# 822  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion:162 Resp: 299359  
 Ion Ratio Lower Upper  
 162 100  
 127 43.0 33.3 49.9  
 164 32.4 26.2 39.4



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

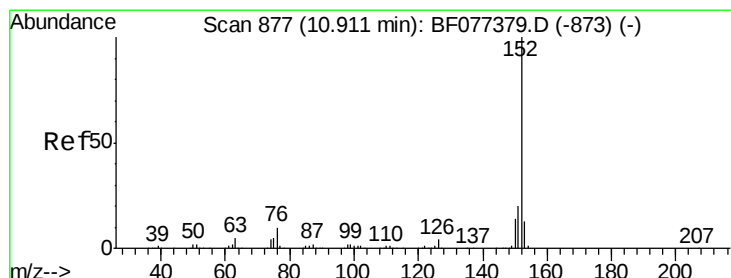
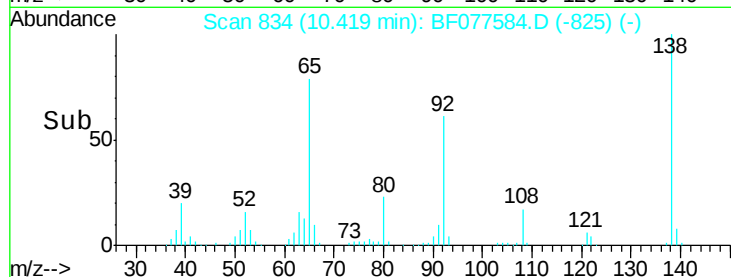
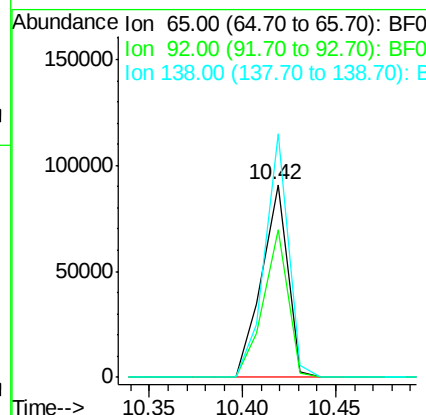
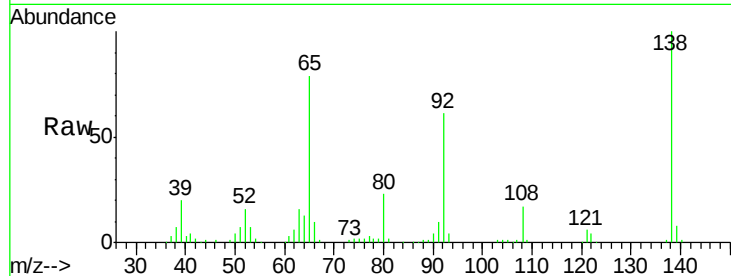




#47  
2-Nitroaniline  
Concen: 51.14 ng  
RT: 10.42 min Scan# 834  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

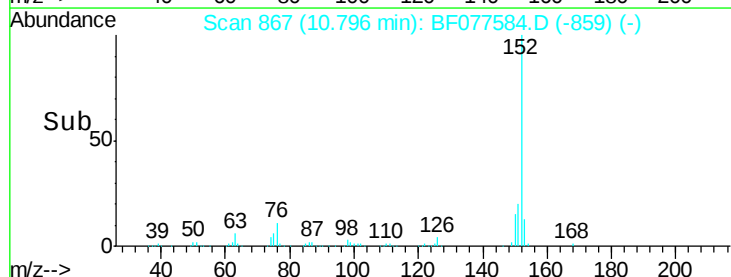
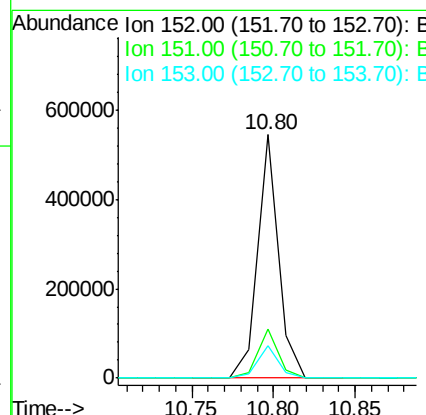
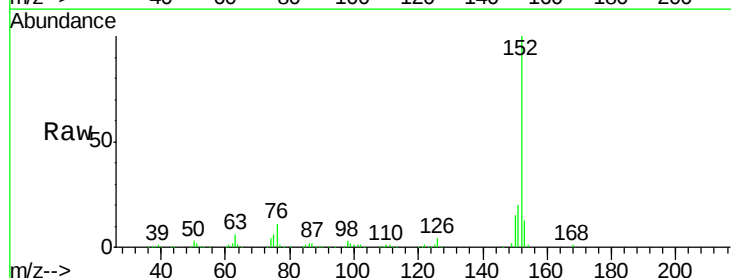
Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

Tgt Ion: 65 Resp: 88493  
Ion Ratio Lower Upper  
65 100  
92 76.4 52.4 78.6  
138 126.2 73.4 110.0#



#48  
Acenaphthylene  
Concen: 43.59 ng  
RT: 10.80 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion: 152 Resp: 485154  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1  
153 13.4 10.9 16.3

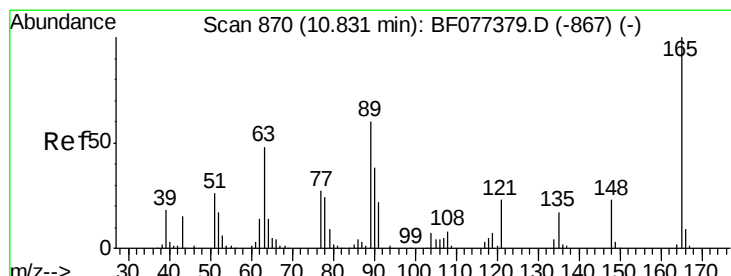
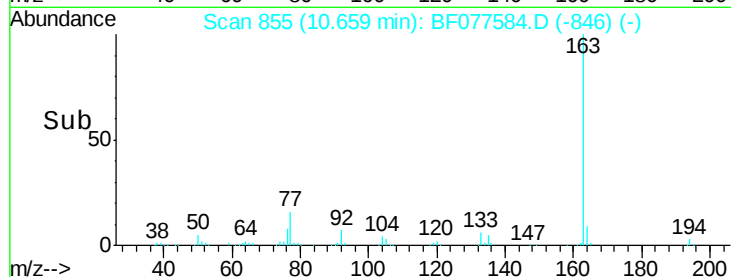
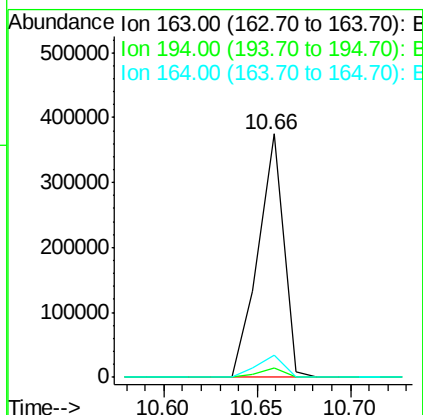
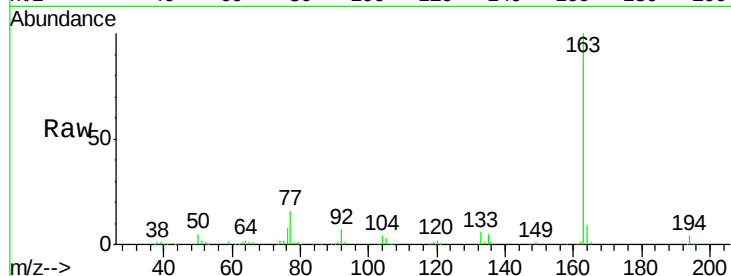




#49  
Dimethylphthalate  
Concen: 42.71 ng  
RT: 10.66 min Scan# 855  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

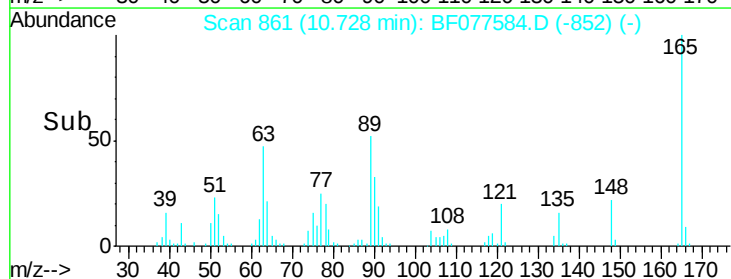
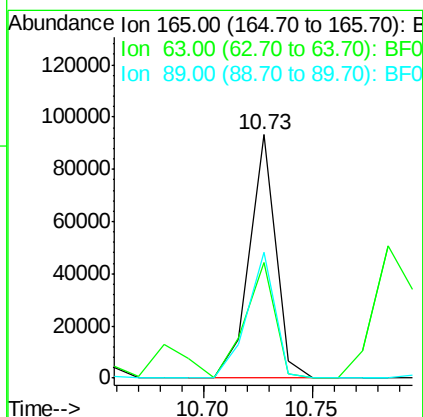
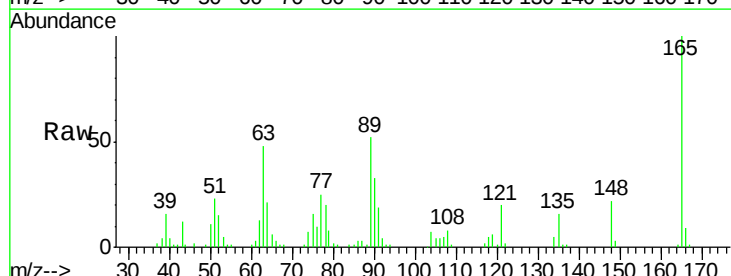
Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

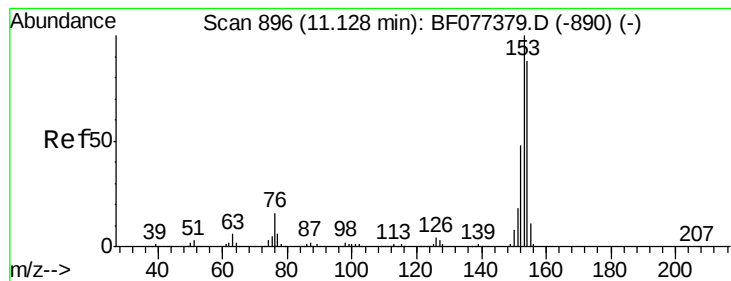
Tgt Ion:163 Resp: 355207  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.6 4.0  
164 9.3 8.6 13.0



#50  
2,6-Dinitrotoluene  
Concen: 47.23 ng  
RT: 10.73 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion:165 Resp: 78774  
Ion Ratio Lower Upper  
165 100  
63 47.6 25.2 37.8#  
89 51.6 30.5 45.7#





#51

Acenaphthene

Concen: 43.22 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

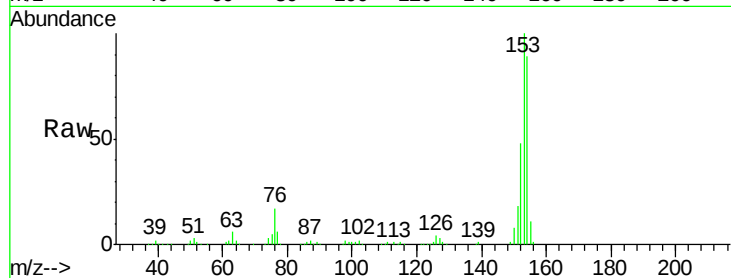
Tgt Ion:154 Resp: 287030

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

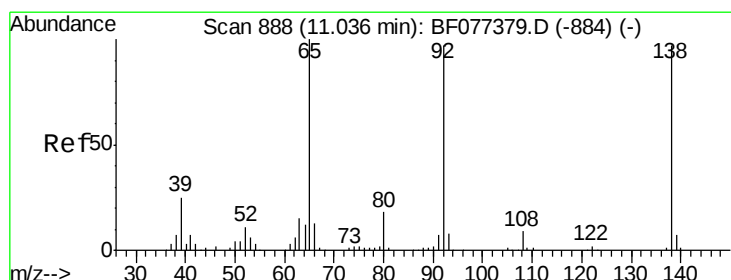
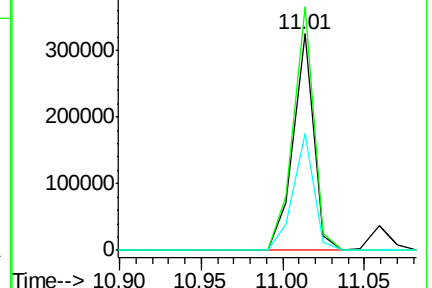
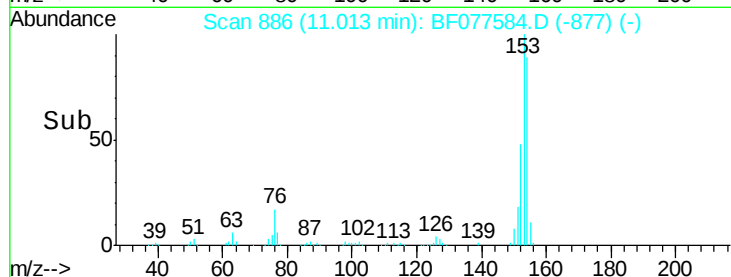
152 53.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.08 ng

RT: 10.93 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

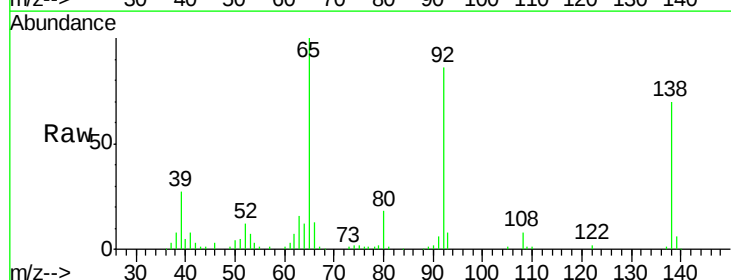
Tgt Ion:138 Resp: 57839

Ion Ratio Lower Upper

138 100

108 11.7 7.8 11.8

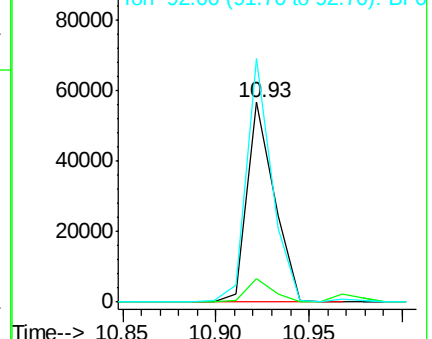
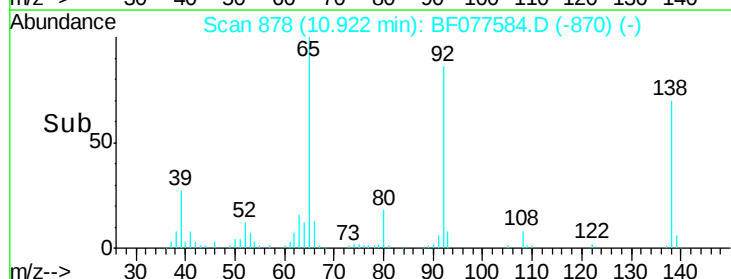
92 121.7 90.6 135.8

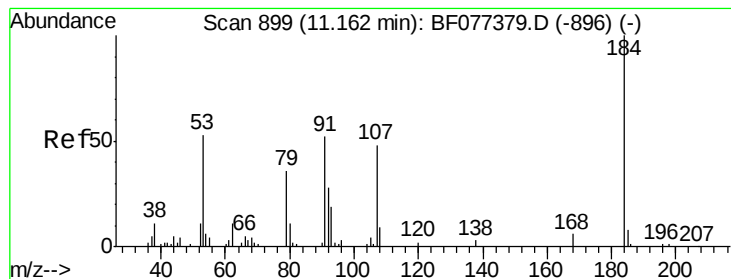


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 99.83 ng

RT: 11.06 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

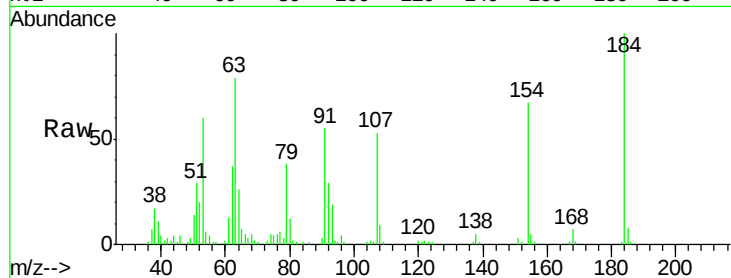
Tgt Ion:184 Resp: 50662

Ion Ratio Lower Upper

184 100

63 79.0 29.5 44.3#

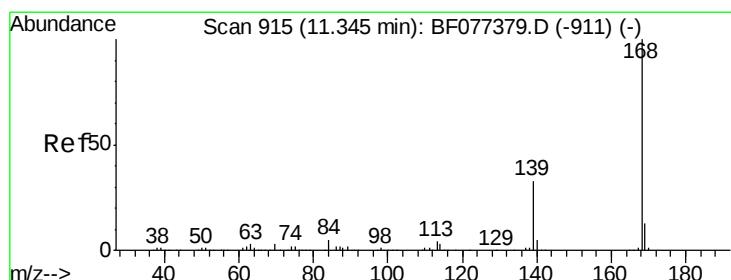
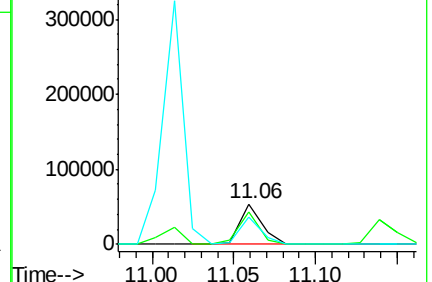
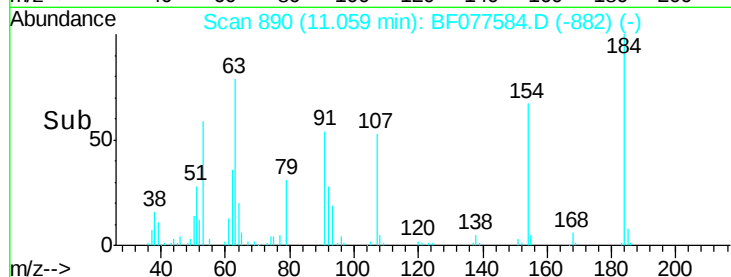
154 67.4 43.2 64.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.93 ng

RT: 11.23 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

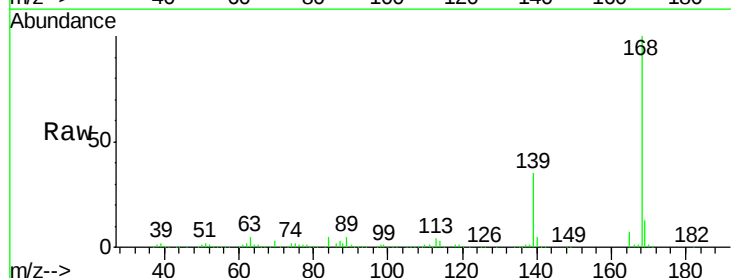
Tgt Ion:168 Resp: 450453

Ion Ratio Lower Upper

168 100

139 35.0 29.3 43.9

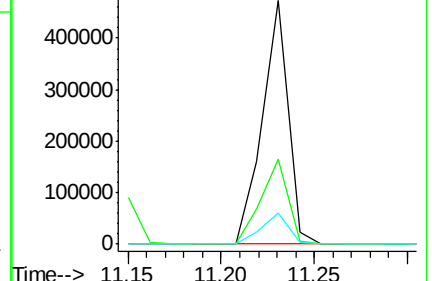
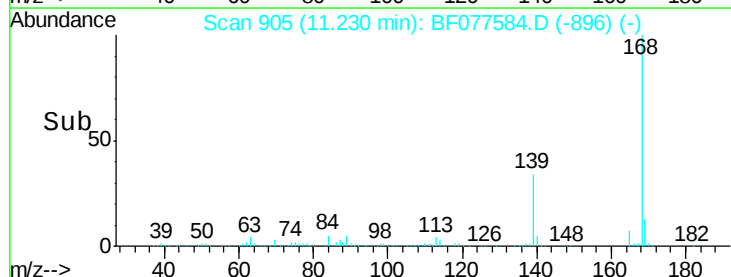
169 13.0 10.9 16.3

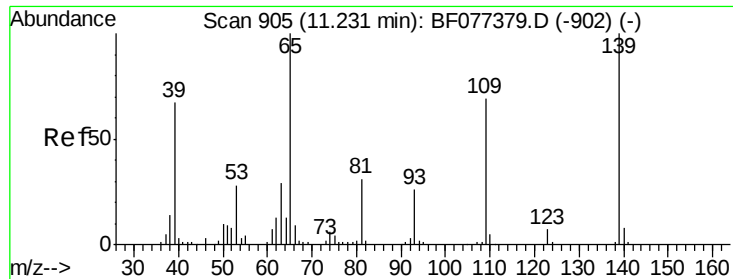


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

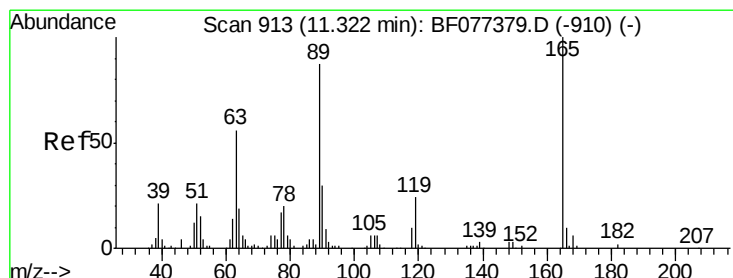
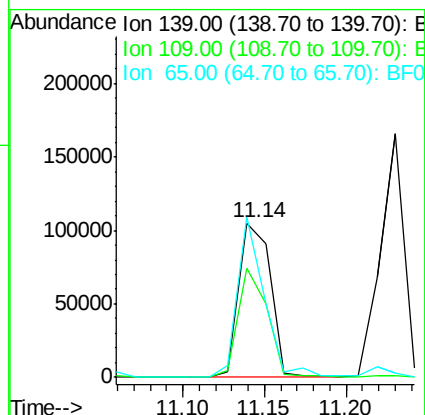
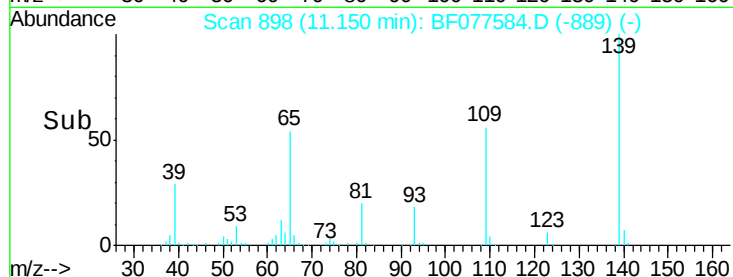
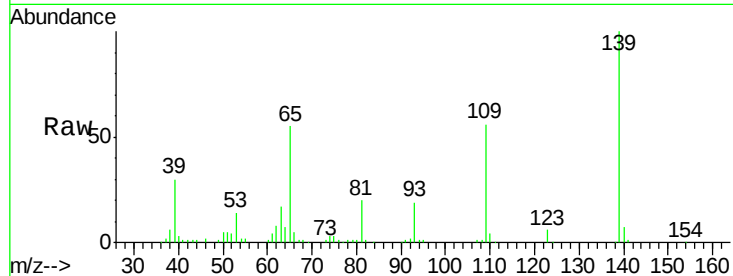




#55  
4-Nitrophenol  
Concen: 91.39 ng  
RT: 11.14 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

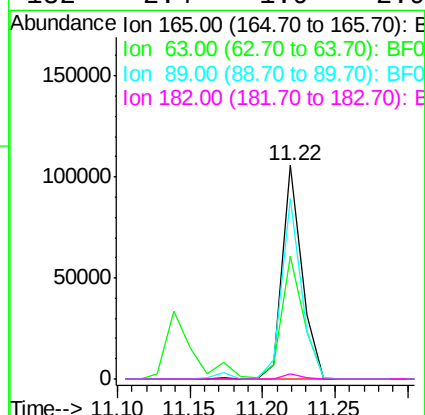
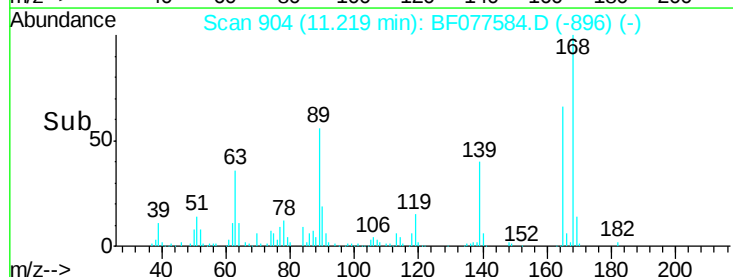
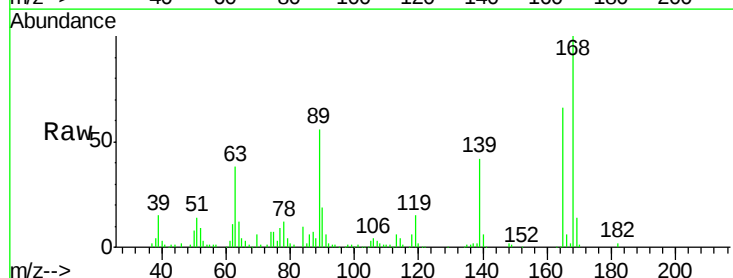
Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

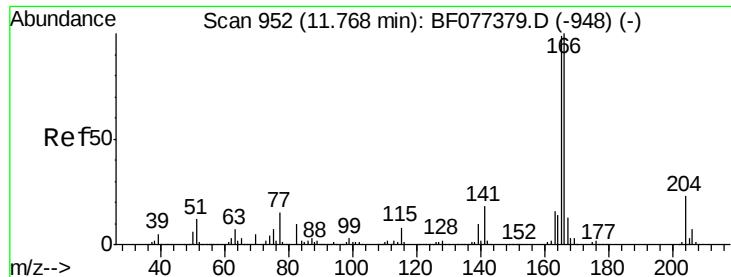
Tgt Ion:139 Resp: 141340  
Ion Ratio Lower Upper  
139 100  
109 55.5 36.2 76.2  
65 55.1 40.3 80.3



#56  
2,4-Dinitrotoluene  
Concen: 43.98 ng  
RT: 11.22 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion:165 Resp: 99120  
Ion Ratio Lower Upper  
165 100  
63 57.3 29.8 44.8#  
89 84.4 48.5 72.7#  
182 2.4 1.9 2.9

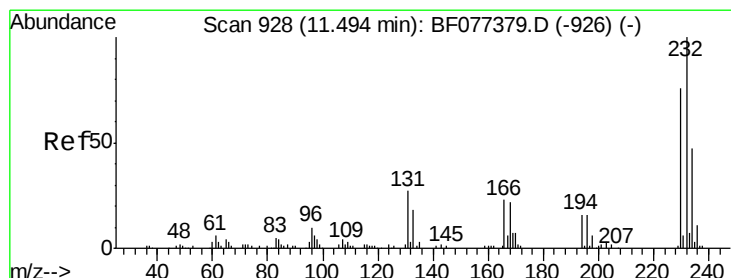
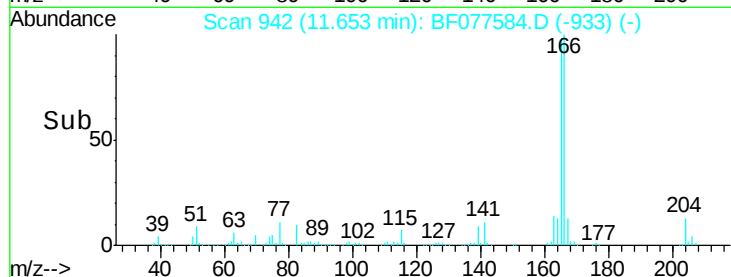
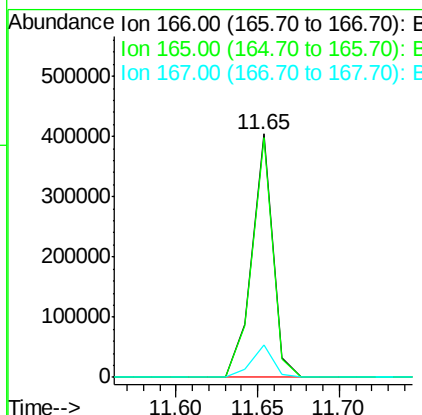
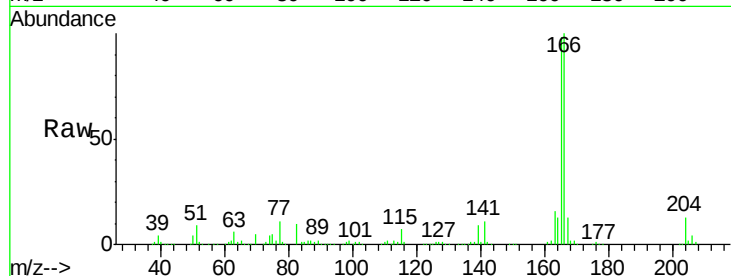




#57  
 Fluorene  
 Concen: 43.88 ng  
 RT: 11.65 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

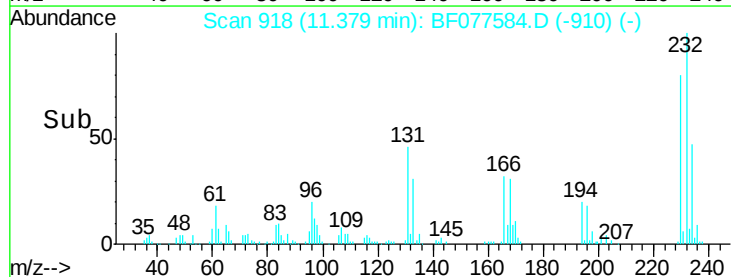
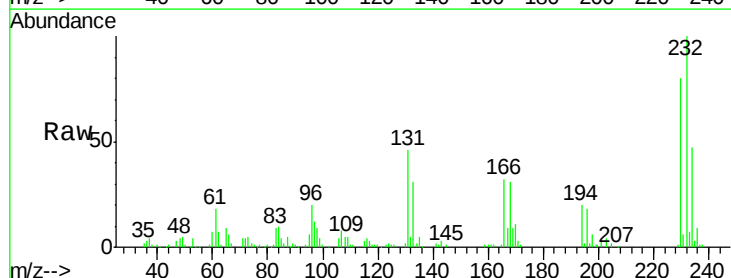
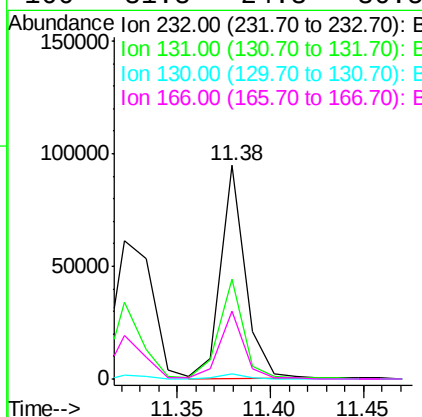
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

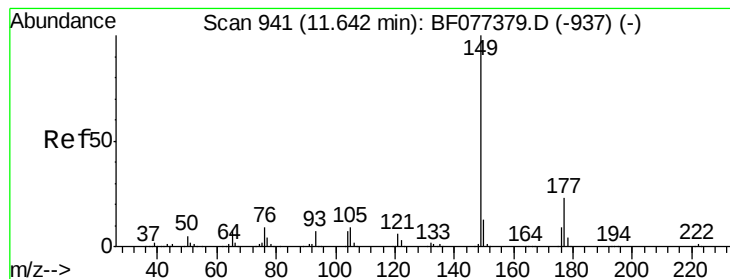
Tgt Ion:166 Resp: 359677  
 Ion Ratio Lower Upper  
 166 100  
 165 98.3 77.6 116.4  
 167 13.4 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.83 ng  
 RT: 11.38 min Scan# 918  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion:232 Resp: 86650  
 Ion Ratio Lower Upper  
 232 100  
 131 46.3 34.2 51.2  
 130 2.2 1.8 2.6  
 166 31.8 24.3 36.5





#59

Diethylphthalate

Concen: 40.23 ng

RT: 11.53 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

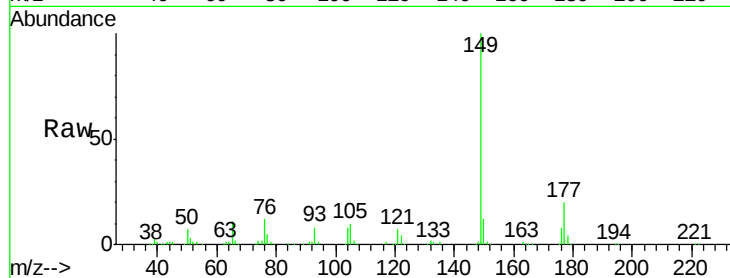
Tgt Ion:149 Resp: 329820

Ion Ratio Lower Upper

149 100

177 19.6 17.2 25.8

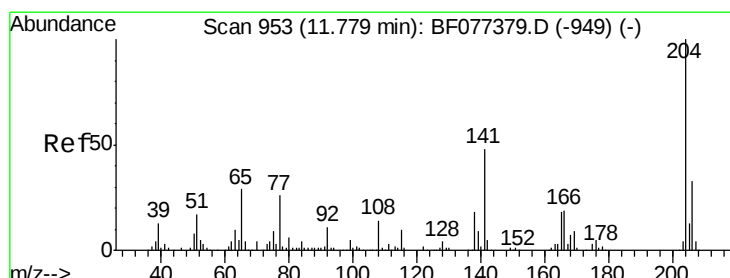
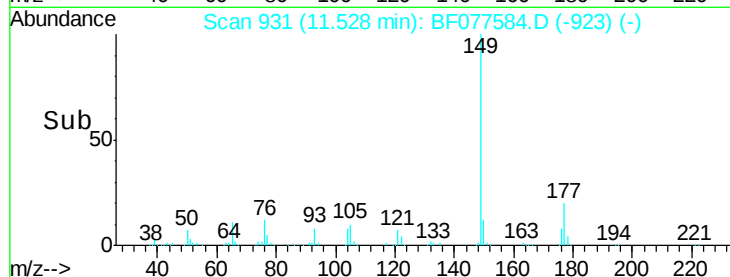
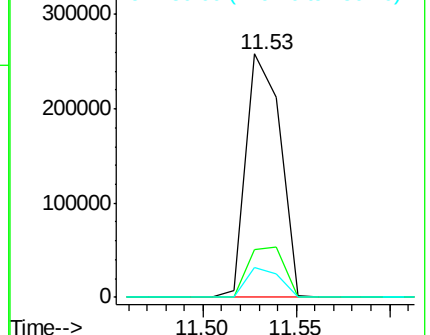
150 12.2 10.5 15.7



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: 40.78 ng

RT: 11.66 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

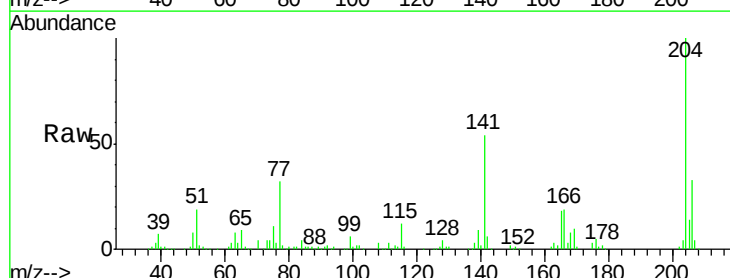
Tgt Ion:204 Resp: 161072

Ion Ratio Lower Upper

204 100

206 33.4 25.9 38.9

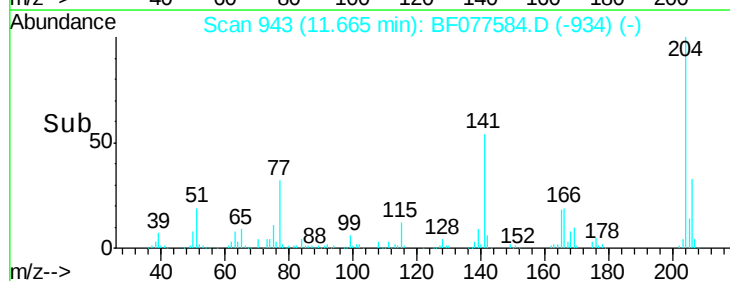
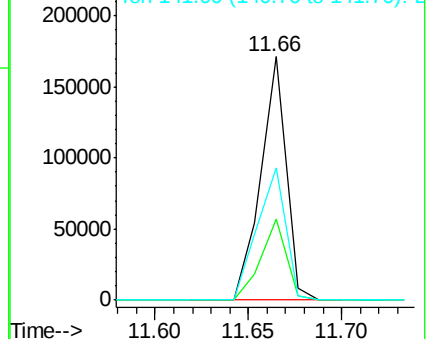
141 54.4 43.6 65.4

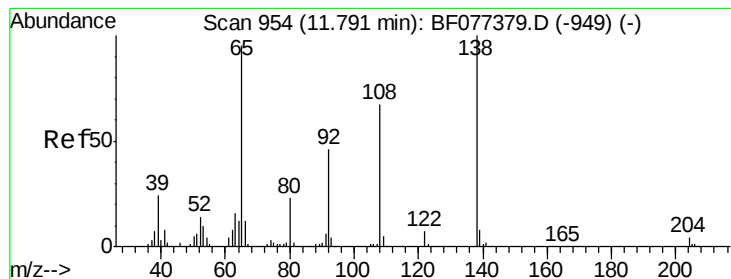


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.88 ng

RT: 11.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

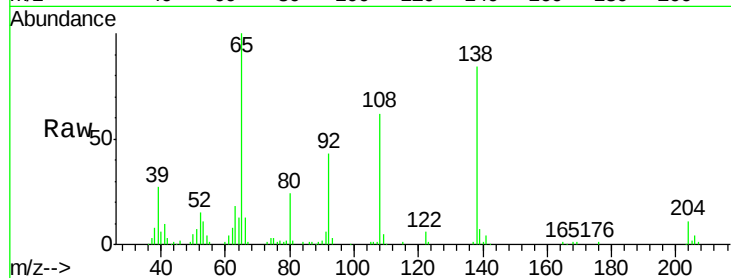
Tgt Ion:138 Resp: 80878

Ion Ratio Lower Upper

138 100

92 51.3 32.8 72.8

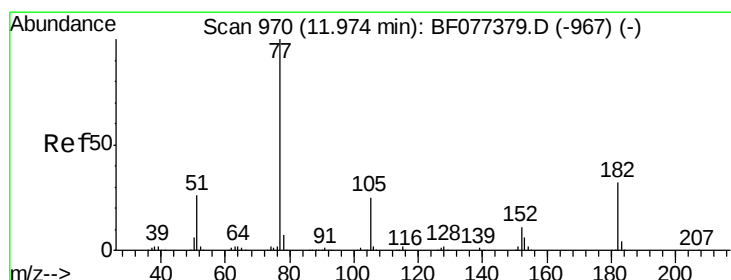
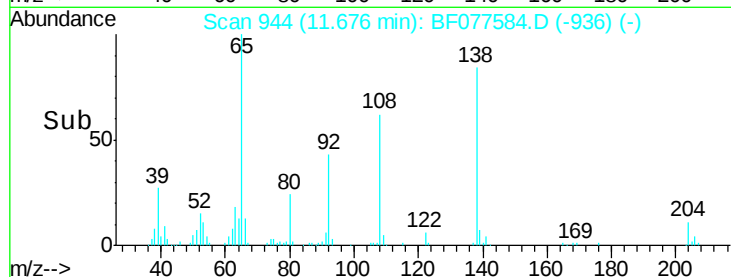
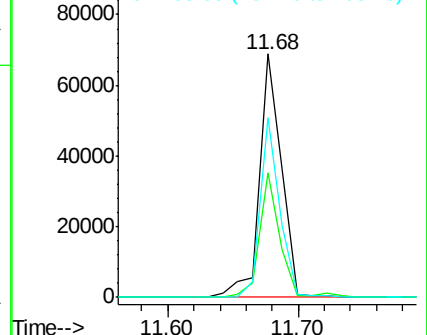
108 73.7 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.81 ng

RT: 11.86 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Tgt Ion: 77 Resp: 340766

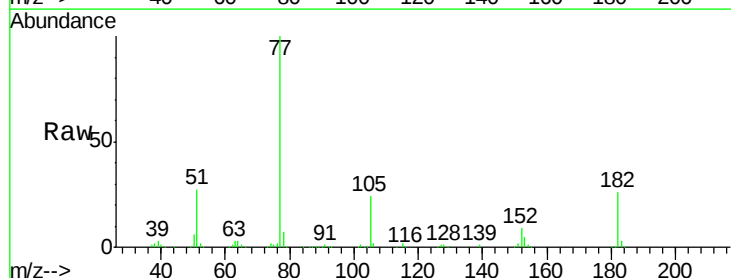
Ion Ratio Lower Upper

77 100

182 25.6 4.9 44.9

105 23.6 3.3 43.3

51 27.3 8.9 48.9

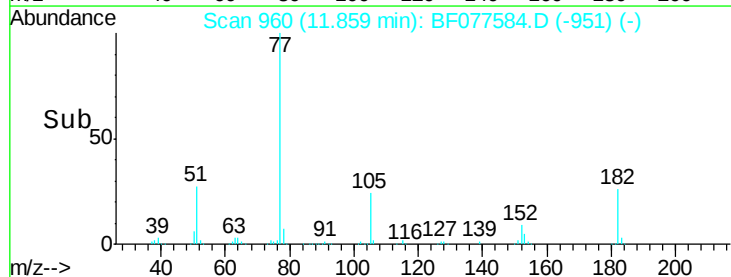
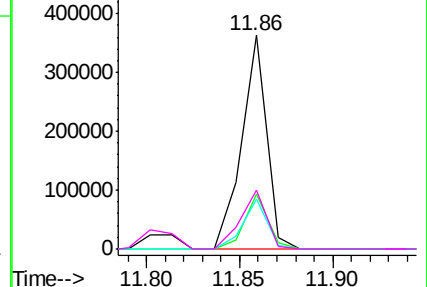


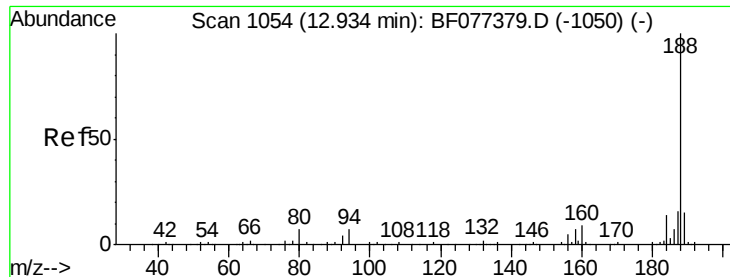
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

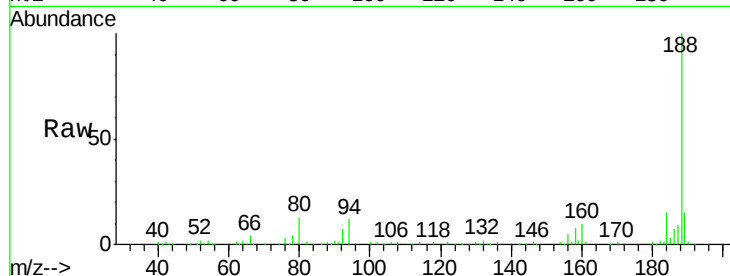




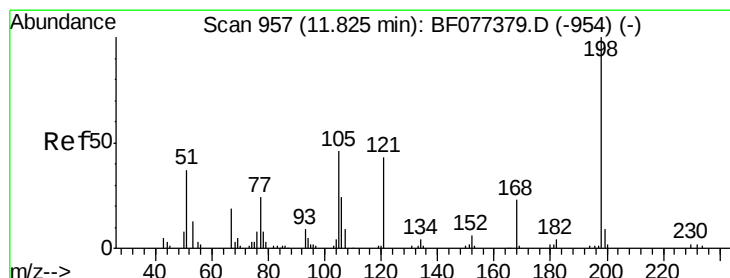
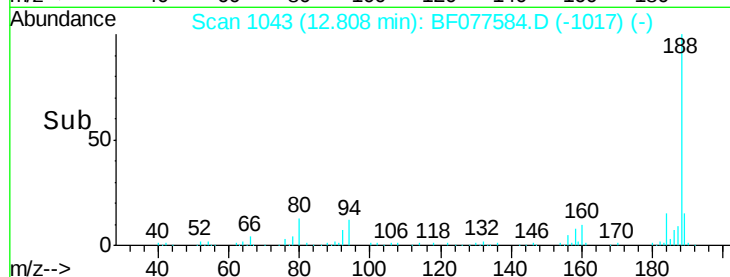
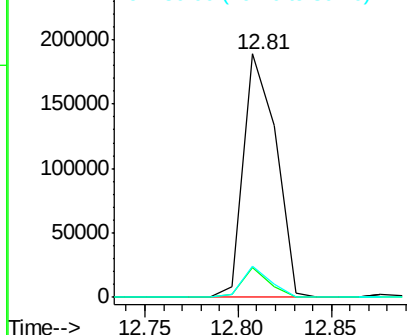
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.81 min Scan# 1043  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

Tgt Ion:188 Resp: 229321  
Ion Ratio Lower Upper  
188 100  
94 12.3 7.4 11.2#  
80 12.8 8.0 12.0#

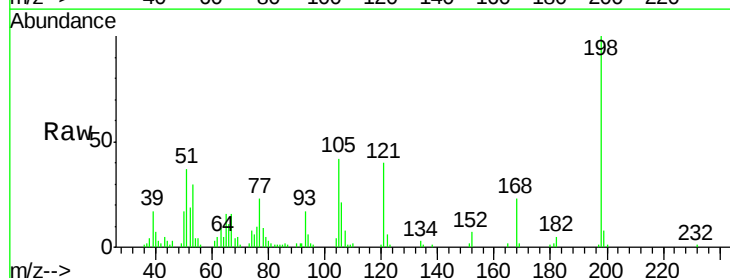


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

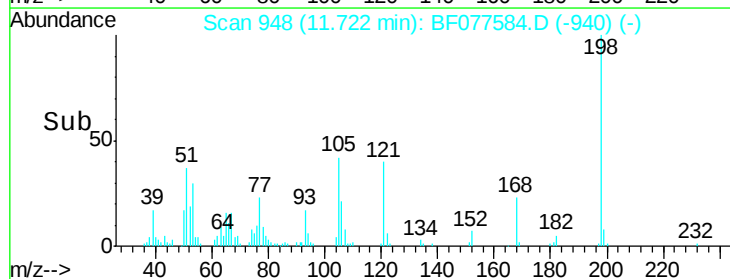
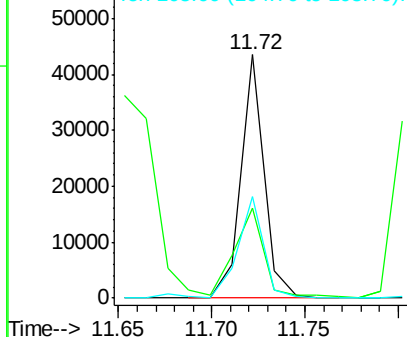


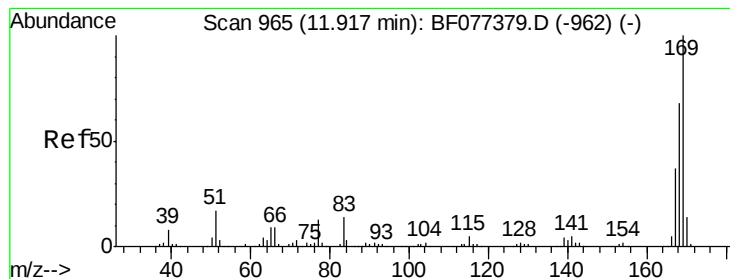
#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.73 ng  
RT: 11.72 min Scan# 948  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion:198 Resp: 37702  
Ion Ratio Lower Upper  
198 100  
51 36.9 2.7 42.7  
105 41.8 10.0 50.0



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

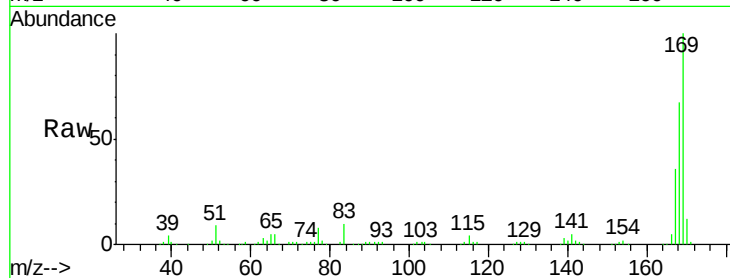




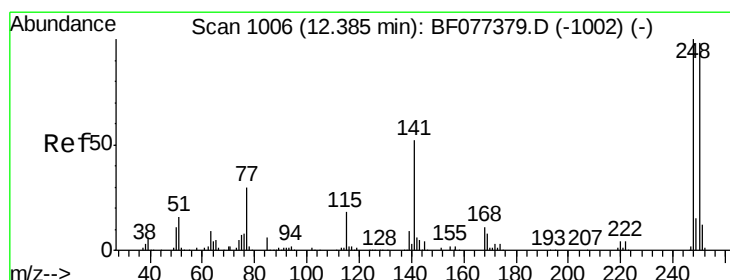
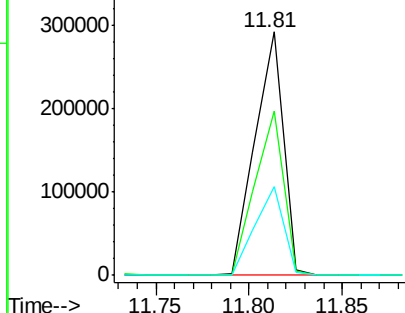
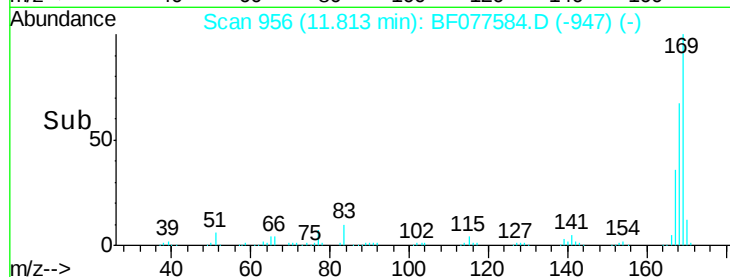
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.65 ng  
 RT: 11.81 min Scan# 956  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Tgt Ion:169 Resp: 309274  
 Ion Ratio Lower Upper  
 169 100  
 168 67.3 53.0 79.6  
 167 36.4 29.5 44.3

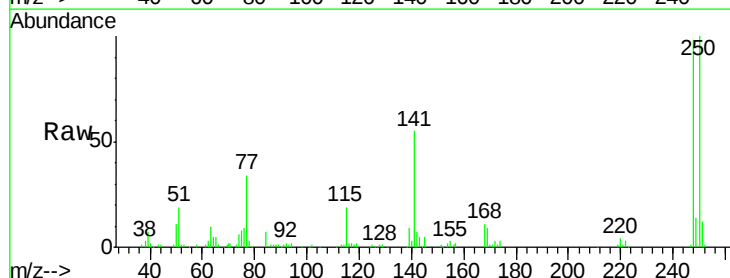


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

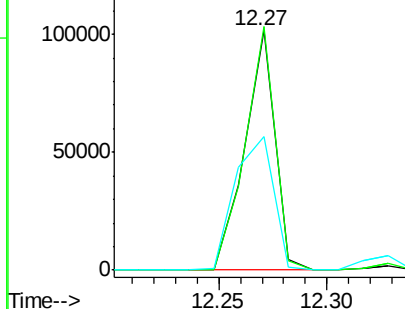
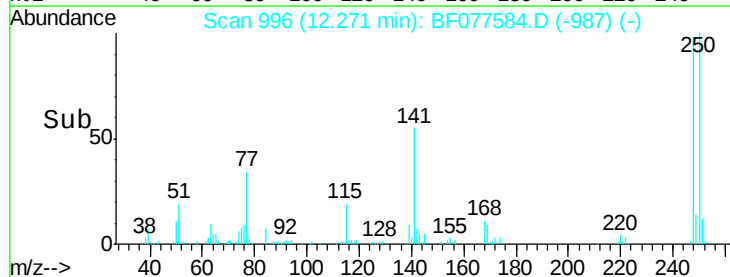


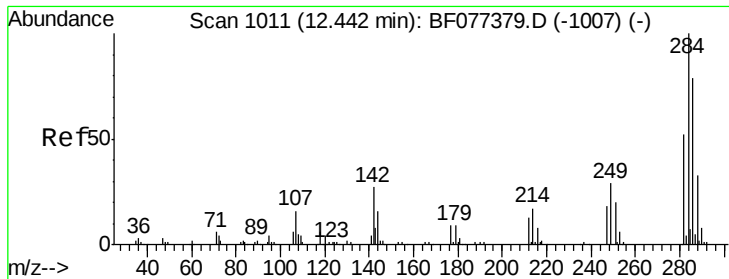
#66  
 4-Bromophenyl-phenylether  
 Concen: 36.32 ng  
 RT: 12.27 min Scan# 996  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion:248 Resp: 97534  
 Ion Ratio Lower Upper  
 248 100  
 250 101.8 78.0 117.0  
 141 55.7 54.1 81.1



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

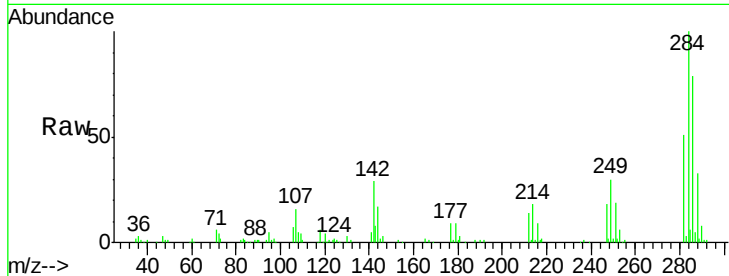




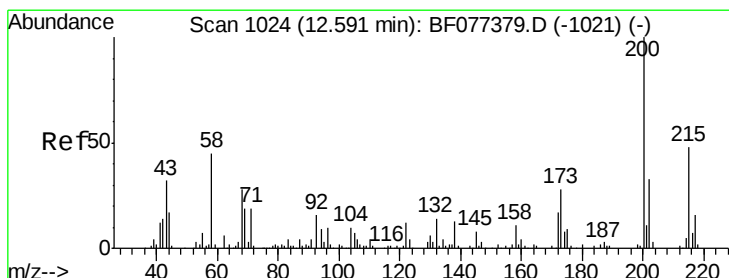
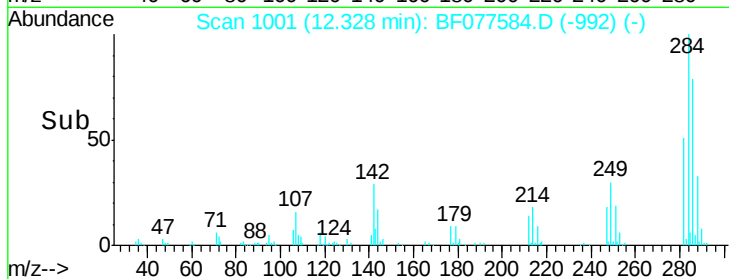
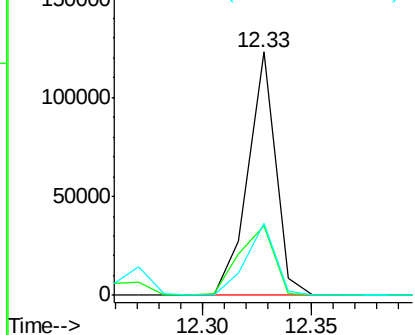
#67  
Hexachlorobenzene  
Concen: 37.82 ng  
RT: 12.33 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

Tgt Ion:284 Resp: 109006  
Ion Ratio Lower Upper  
284 100  
142 28.7 31.6 47.4#  
249 29.7 27.0 40.4

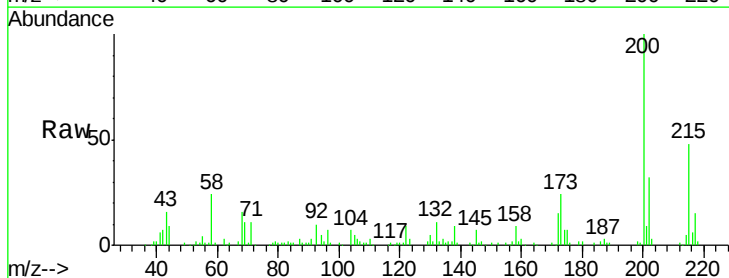


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

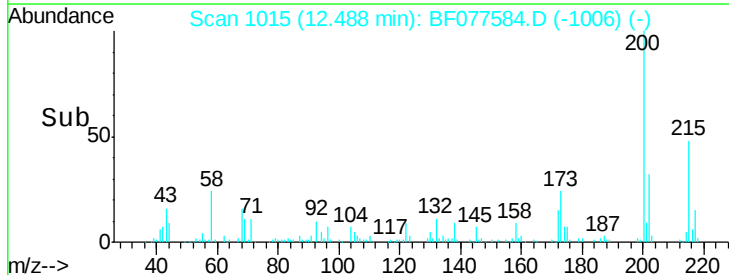
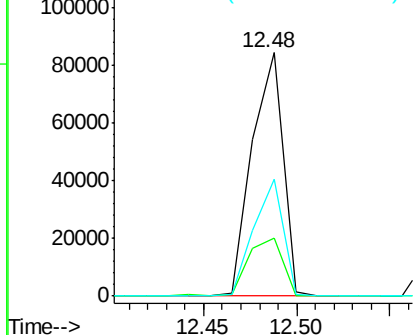


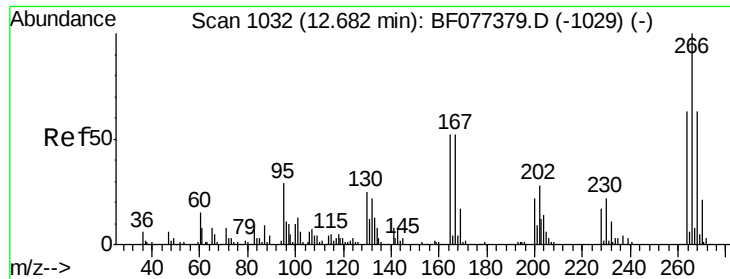
#68  
Atrazine  
Concen: 39.23 ng  
RT: 12.48 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion:200 Resp: 97046  
Ion Ratio Lower Upper  
200 100  
173 23.6 9.6 49.6  
215 47.9 24.4 64.4



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

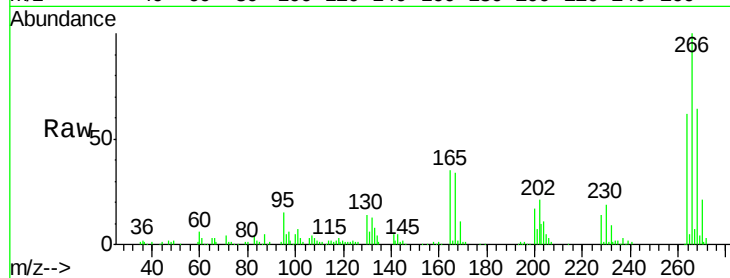




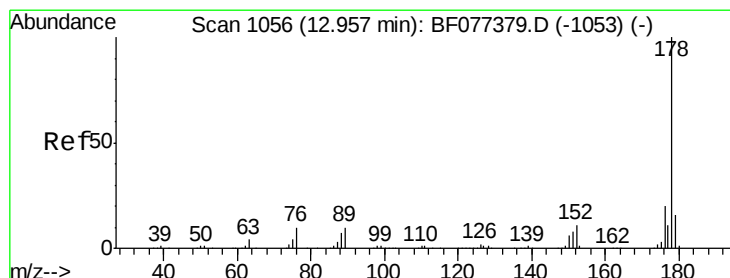
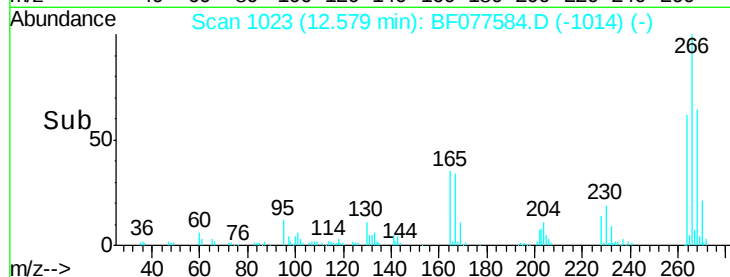
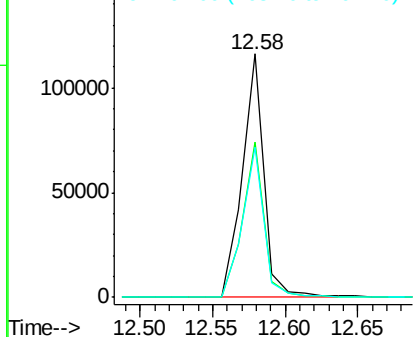
#69  
 Pentachlorophenol  
 Concen: 79.81 ng  
 RT: 12.58 min Scan# 1023  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Tgt Ion:266 Resp: 120899  
 Ion Ratio Lower Upper  
 266 100  
 268 63.6 51.2 76.8  
 264 61.9 50.7 76.1

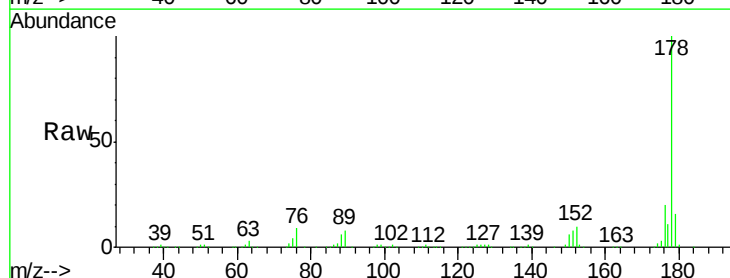


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

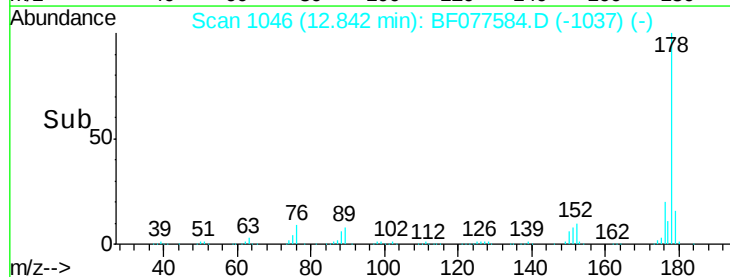
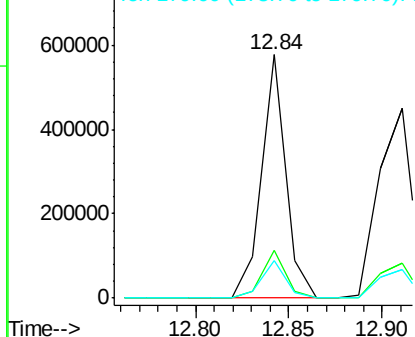


#70  
 Phenanthrene  
 Concen: 39.56 ng  
 RT: 12.84 min Scan# 1046  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion:178 Resp: 525849  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.5 23.3  
 179 15.6 12.2 18.2



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

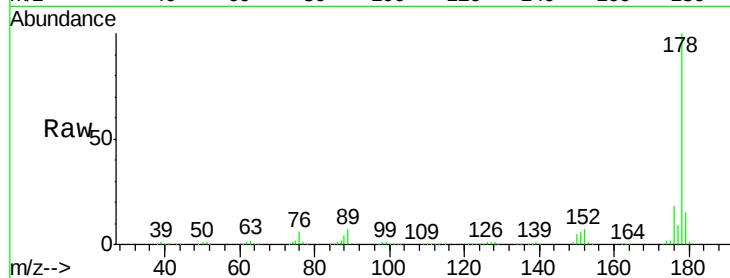




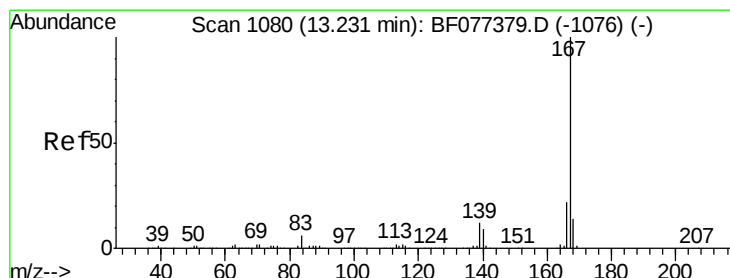
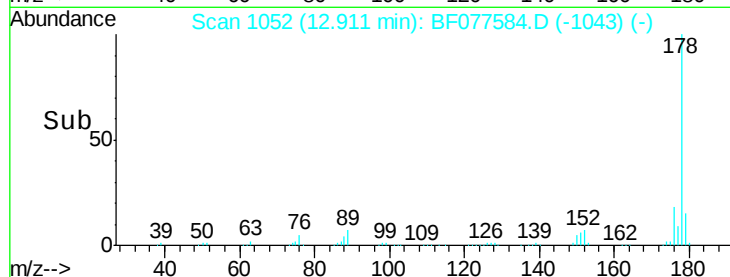
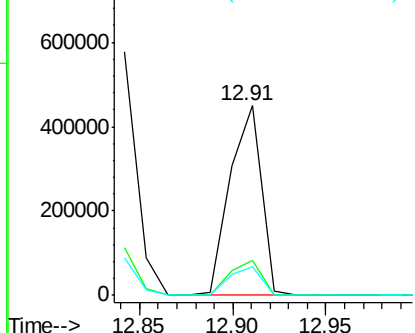
#71  
 Anthracene  
 Concen: 40.33 ng  
 RT: 12.91 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Tgt Ion:178 Resp: 531936  
 Ion Ratio Lower Upper  
 178 100  
 176 18.3 15.4 23.0  
 179 14.8 12.9 19.3

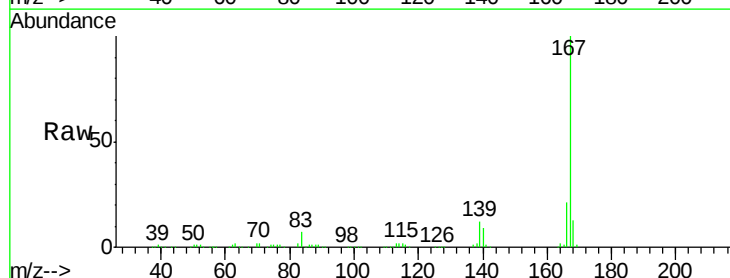


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

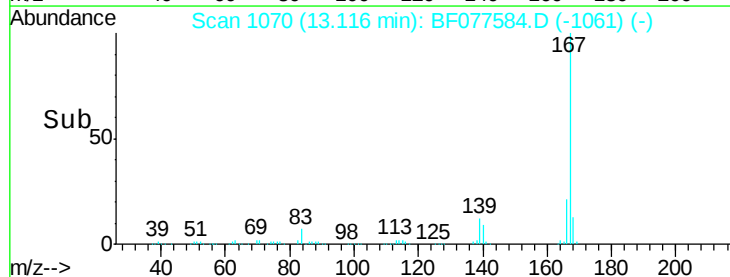
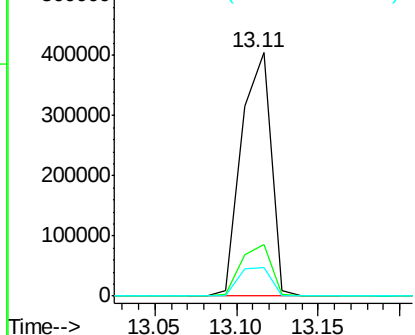


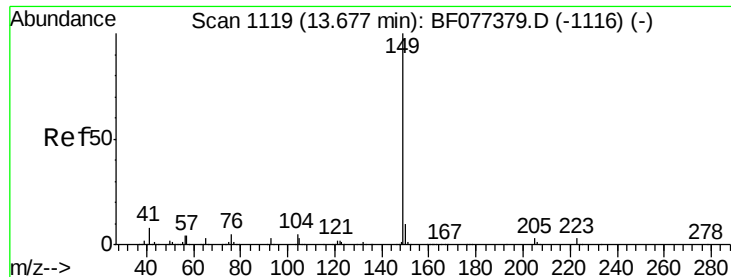
#72  
 Carbazole  
 Concen: 40.49 ng  
 RT: 13.11 min Scan# 1070  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion:167 Resp: 507842  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.6 26.4  
 139 11.7 9.9 14.9



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

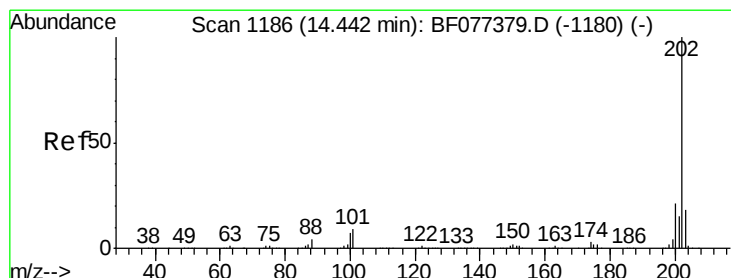
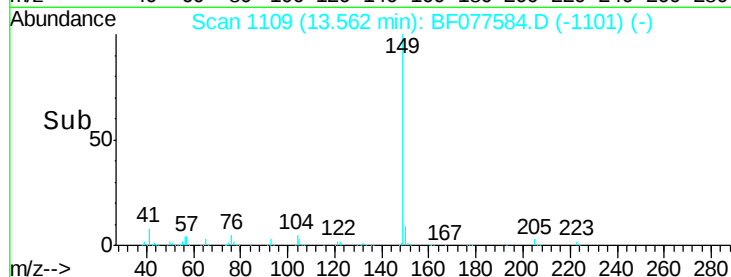
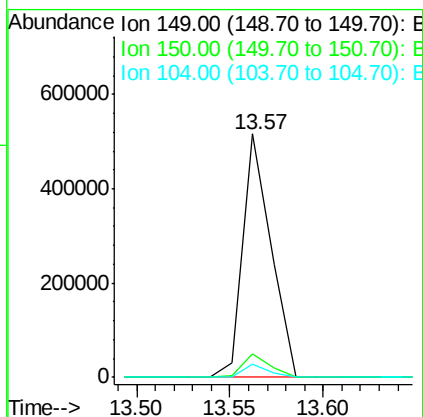
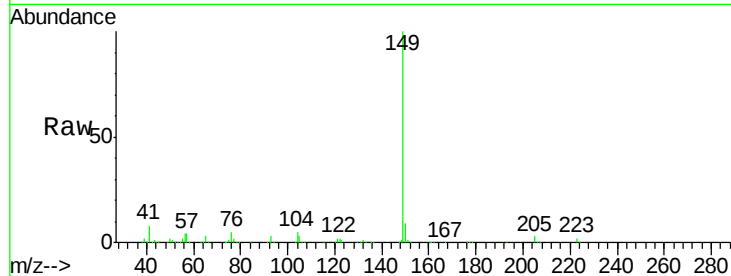




#73  
Di-n-butylphthalate  
Concen: 36.75 ng  
RT: 13.57 min Scan# 1109  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

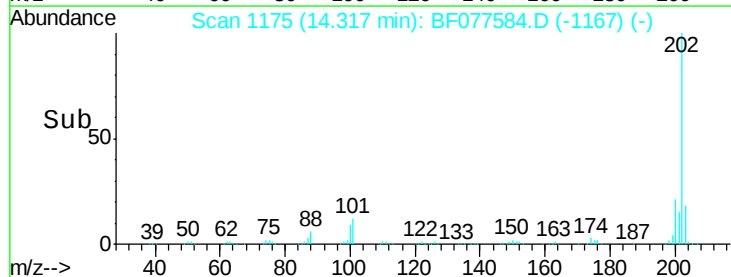
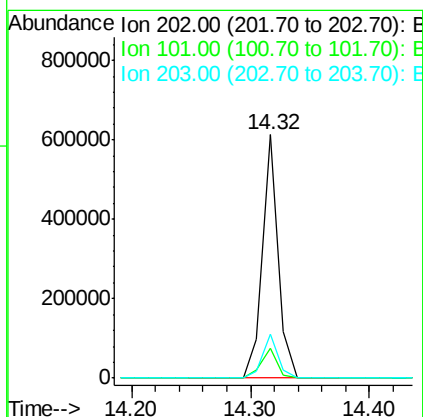
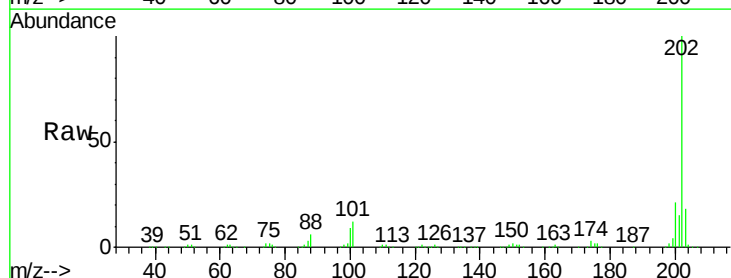
Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

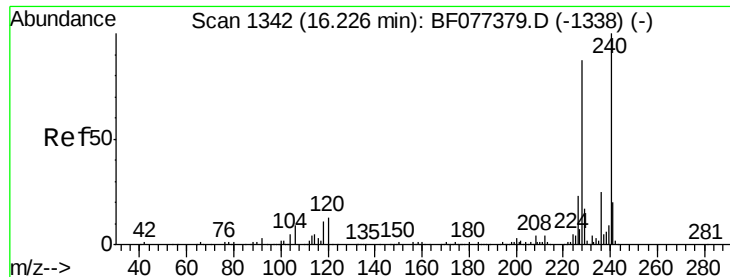
Tgt Ion:149 Resp: 541235  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.8 11.8  
104 5.2 4.1 6.1



#74  
Fluoranthene  
Concen: 39.32 ng  
RT: 14.32 min Scan# 1175  
Delta R.T. -0.00 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion:202 Resp: 570817  
Ion Ratio Lower Upper  
202 100  
101 12.1 0.0 30.8  
203 18.0 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.10 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

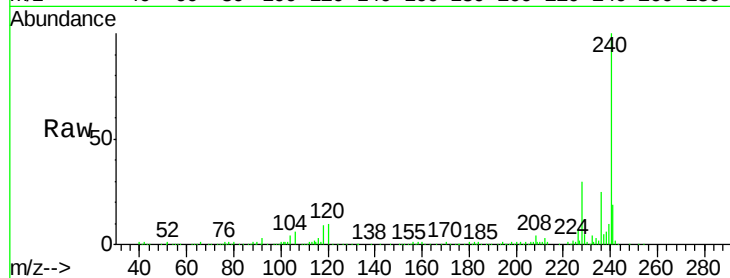
Tgt Ion:240 Resp: 260789

Ion Ratio Lower Upper

240 100

120 10.0 8.8 13.2

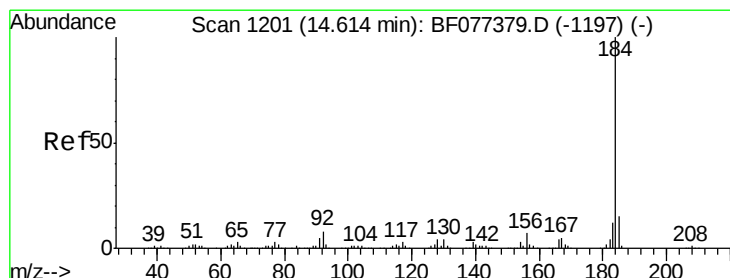
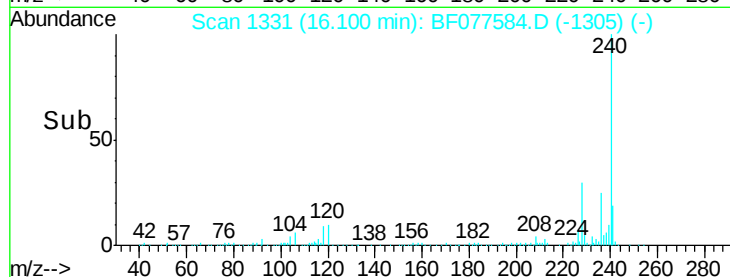
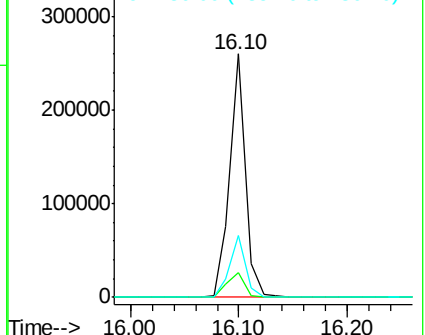
236 25.2 20.7 31.1



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: 32.43 ng

RT: 14.50 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

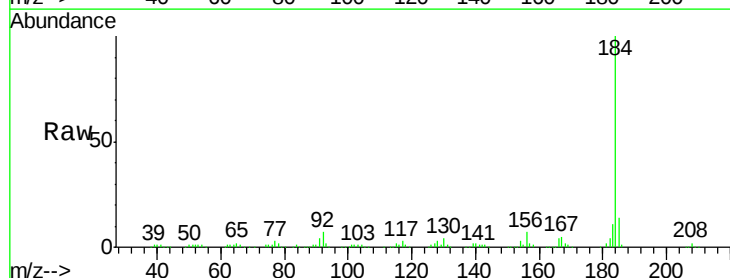
Tgt Ion:184 Resp: 285706

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

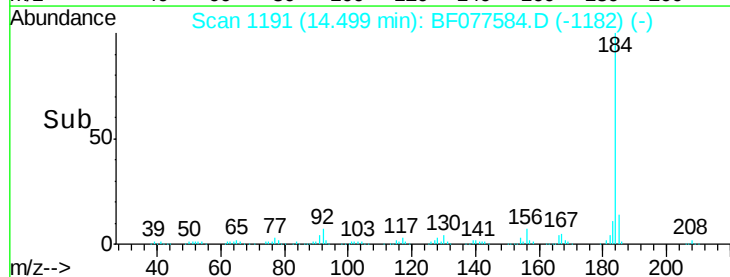
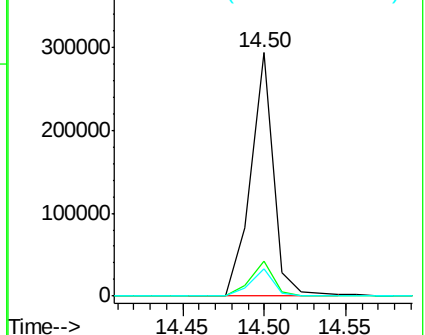
183 11.0 9.3 13.9

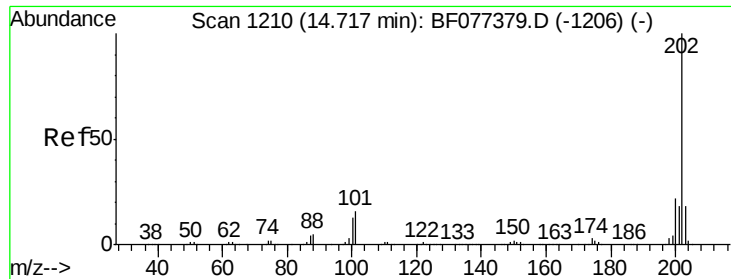


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

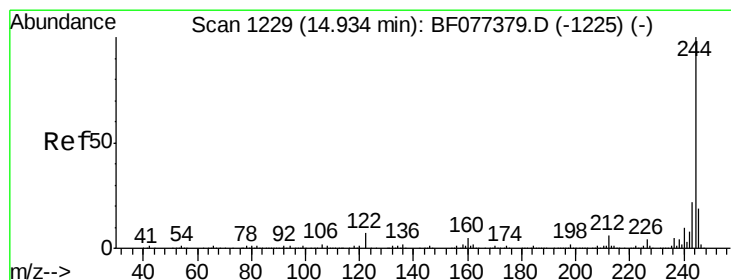
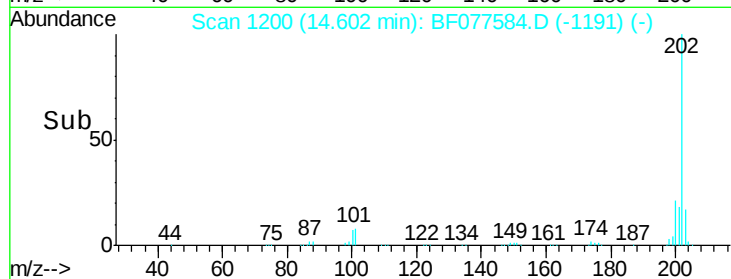
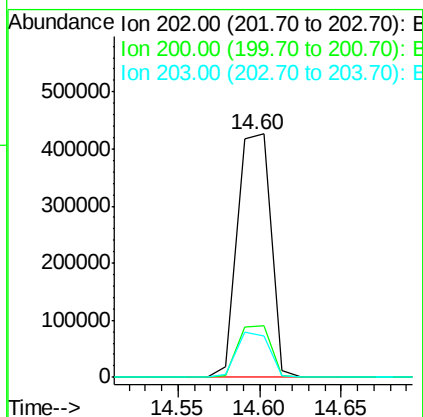
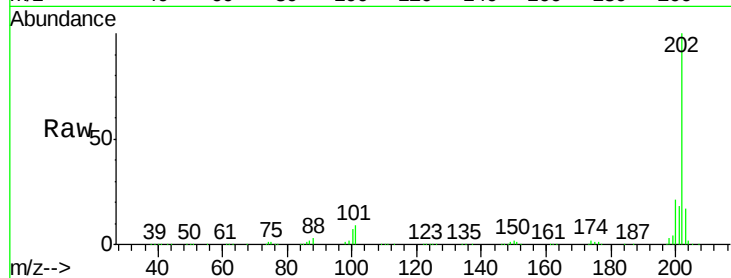




#77  
 Pyrene  
 Concen: 37.71 ng  
 RT: 14.60 min Scan# 1200  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

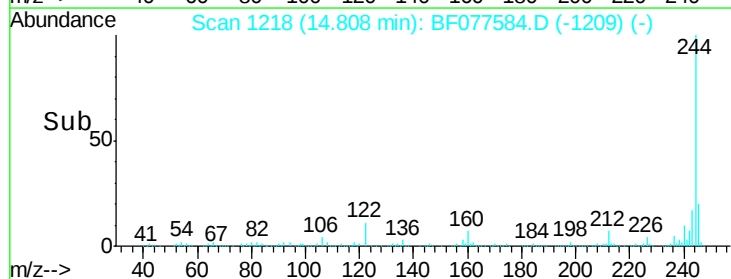
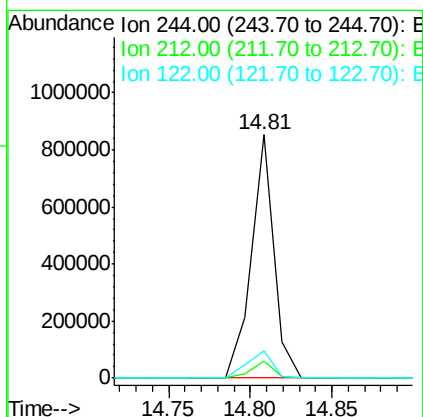
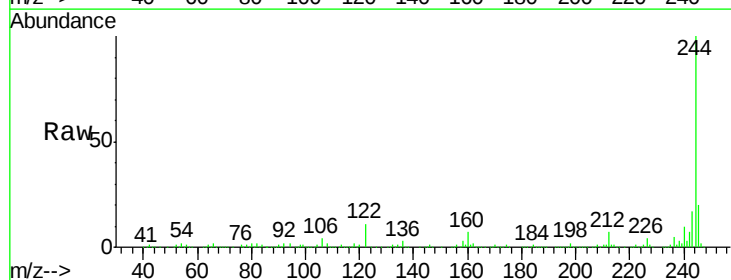
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.0  | 17.1  | 25.7  |
| 203     | 17.2  | 14.2  | 21.2  |



#78  
 Terphenyl-d14  
 Concen: 73.70 ng  
 RT: 14.81 min Scan# 1218  
 Delta R.T. -0.00 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.2   | 7.8   |
| 122     | 11.3  | 7.8   | 11.8  |





#79

Butylbenzylphthalate

Concen: 36.85 ng

RT: 15.43 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

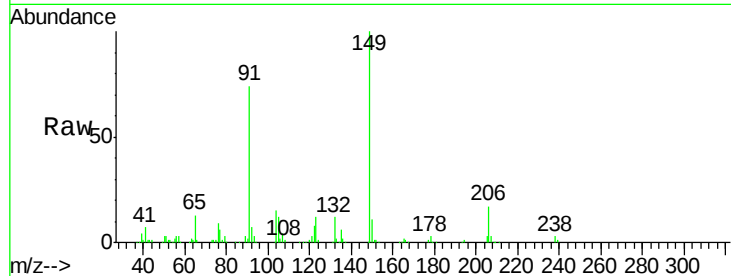
Tgt Ion:149 Resp: 241849

Ion Ratio Lower Upper

149 100

91 74.0 51.2 76.8

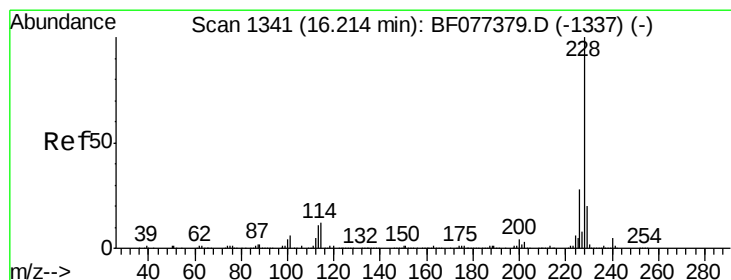
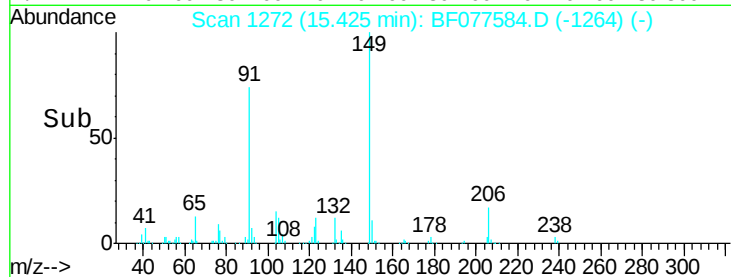
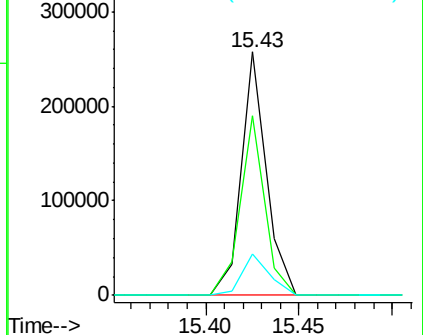
206 17.2 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.77 ng

RT: 16.09 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

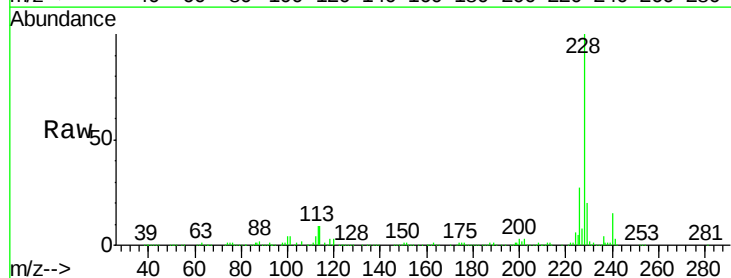
Tgt Ion:228 Resp: 592541

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

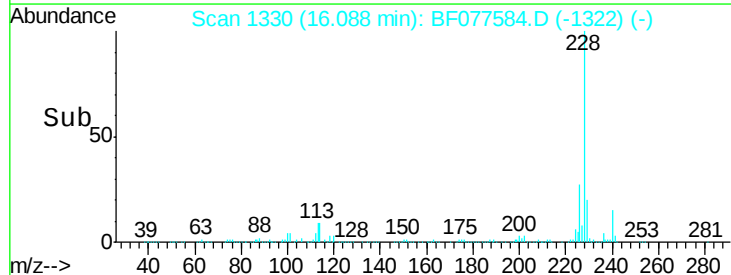
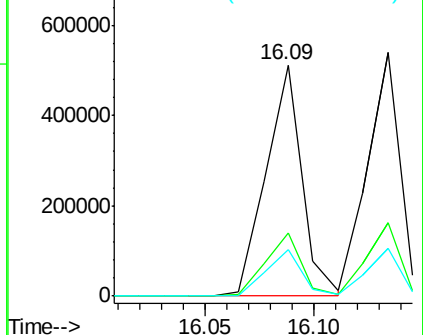
229 20.2 15.8 23.8

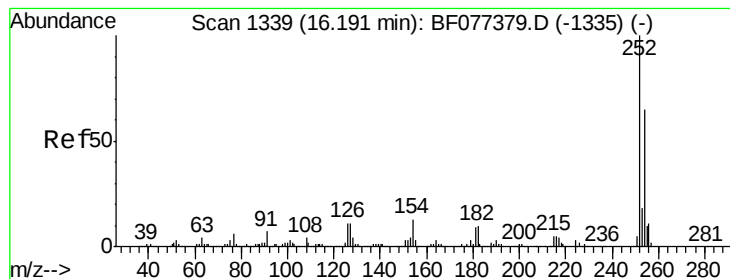


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 21.49 ng

RT: 16.07 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

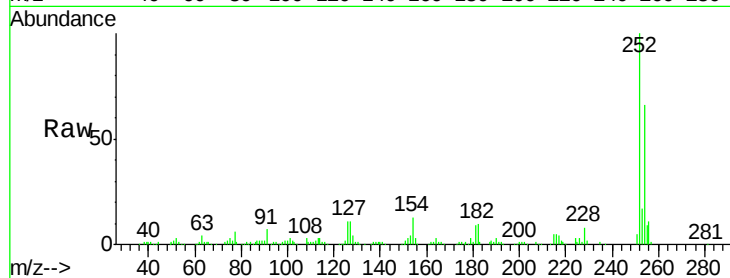
Tgt Ion:252 Resp: 120361

Ion Ratio Lower Upper

252 100

254 65.9 52.9 79.3

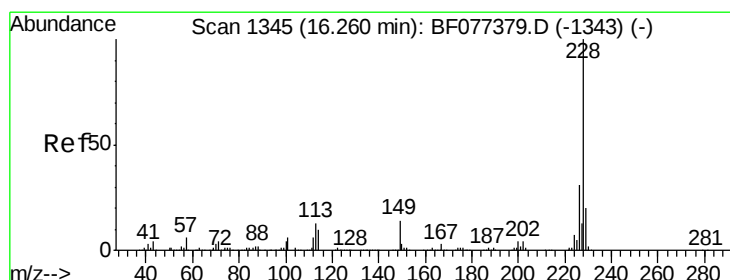
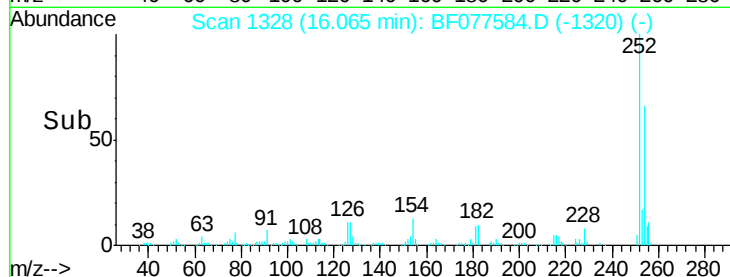
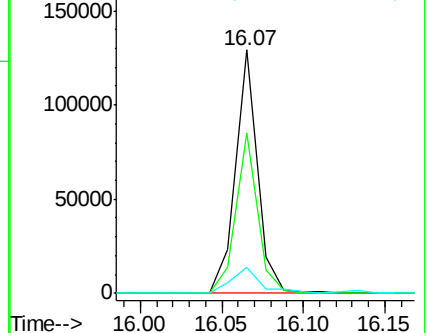
126 10.7 7.3 10.9



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: 38.99 ng

RT: 16.13 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

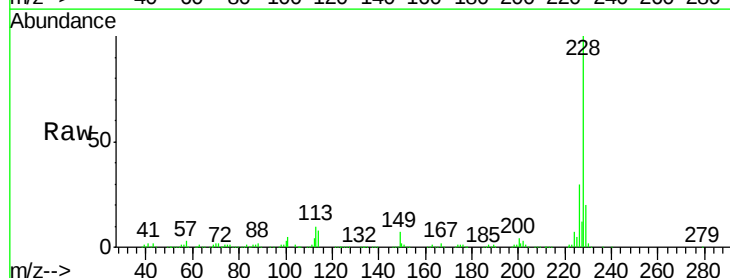
Tgt Ion:228 Resp: 559534

Ion Ratio Lower Upper

228 100

226 30.1 24.9 37.3

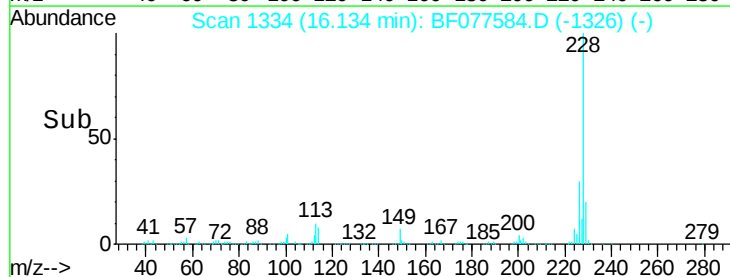
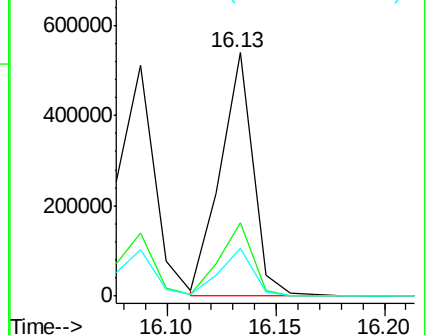
229 19.8 16.4 24.6

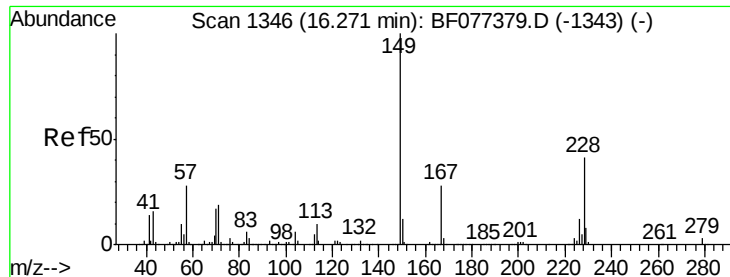


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

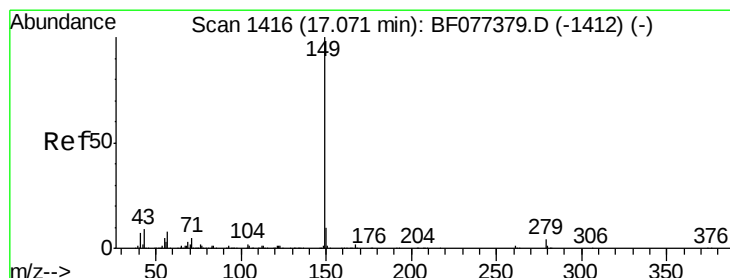
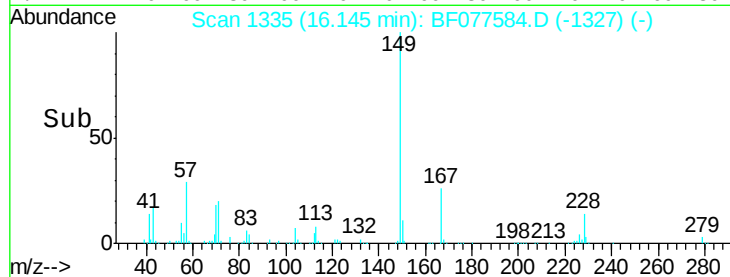
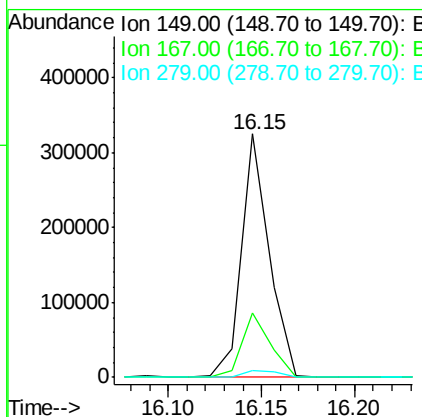
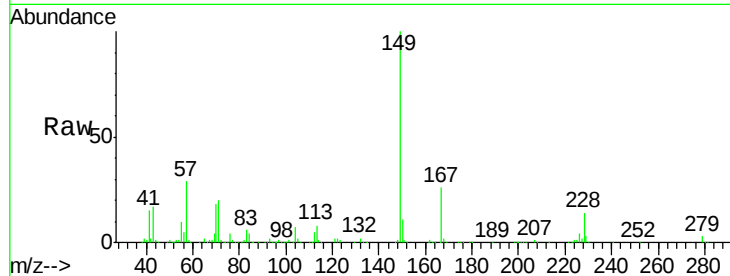




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 31.90 ng  
 RT: 16.15 min Scan# 1335  
 Delta R.T. -0.01 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

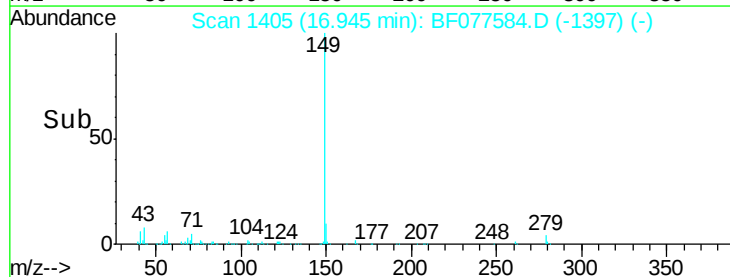
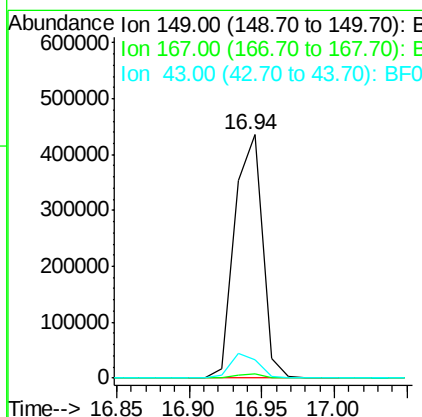
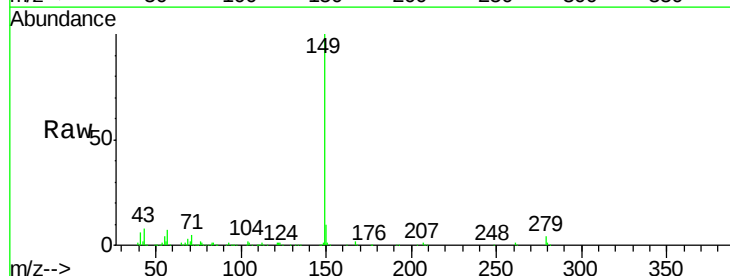
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

Tgt Ion:149 Resp: 335685  
 Ion Ratio Lower Upper  
 149 100  
 167 26.3 22.8 34.2  
 279 2.6 3.8 5.6#



#84  
 Di-n-octyl phthalate  
 Concen: 33.13 ng  
 RT: 16.94 min Scan# 1405  
 Delta R.T. -0.01 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Tgt Ion:149 Resp: 582162  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 9.9 8.1 12.1

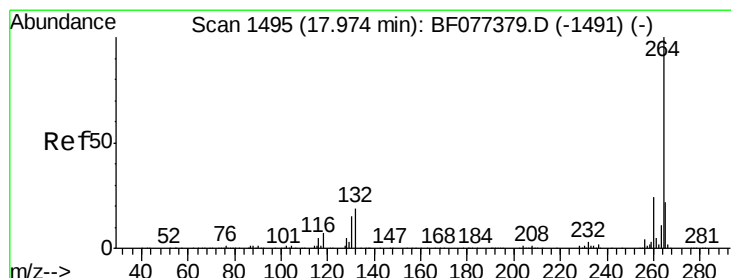
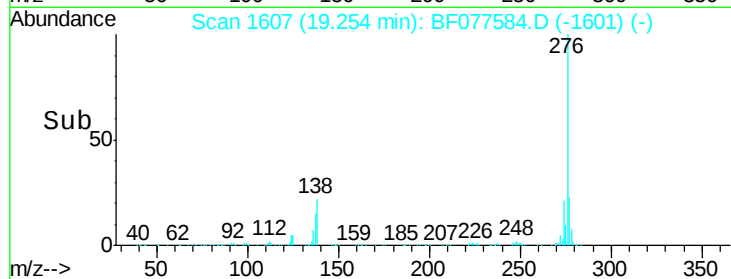
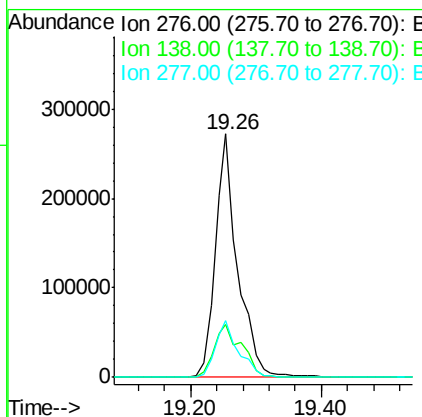
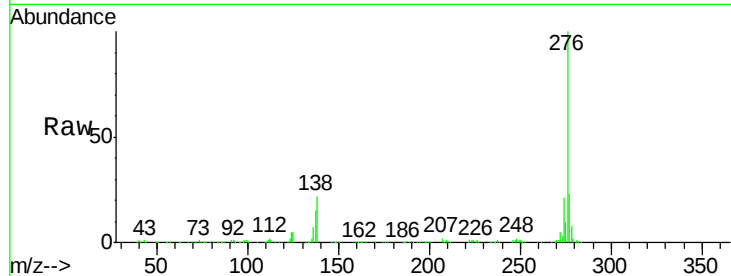




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.51 ng  
 RT: 19.26 min Scan# 1607  
 Delta R.T. -0.03 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

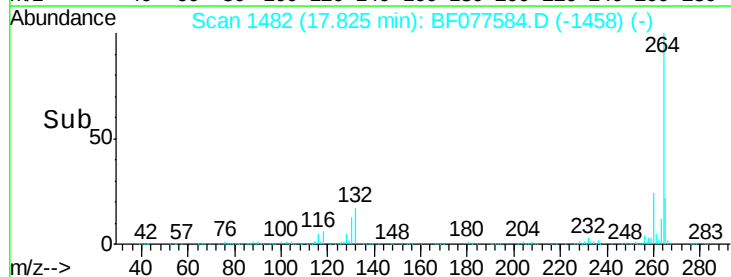
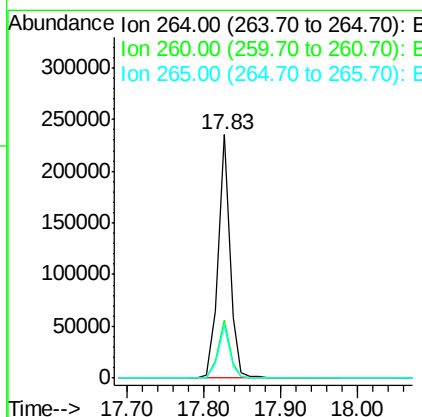
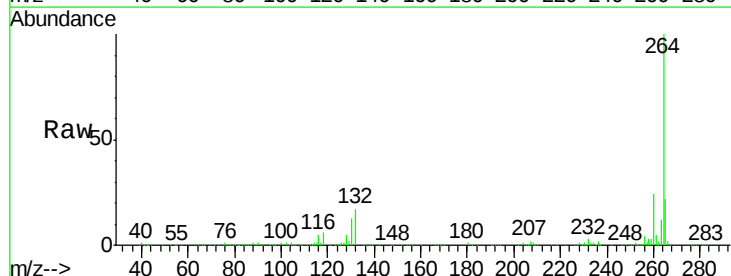
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

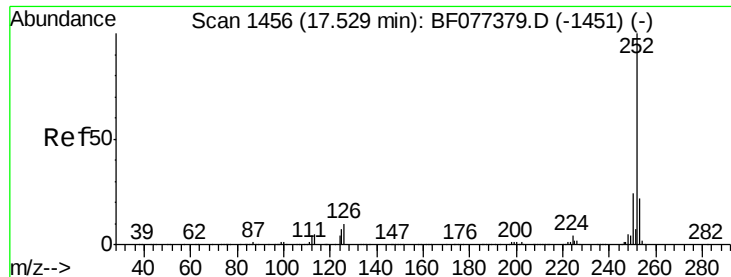
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.3  | 21.2  | 31.8  |
| 277     | 24.6  | 20.0  | 30.0  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.83 min Scan# 1482  
 Delta R.T. -0.02 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.3  | 28.9  |
| 265     | 21.9  | 16.8  | 25.2  |

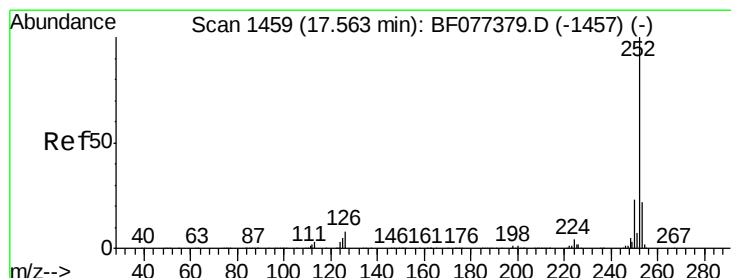
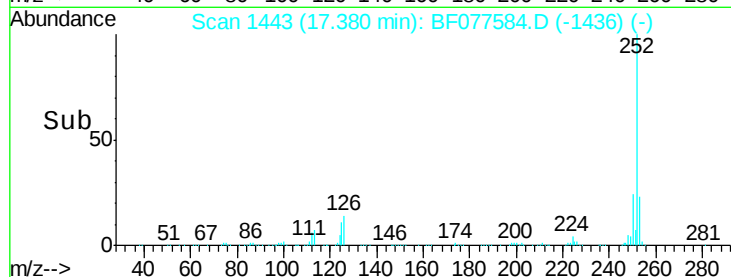
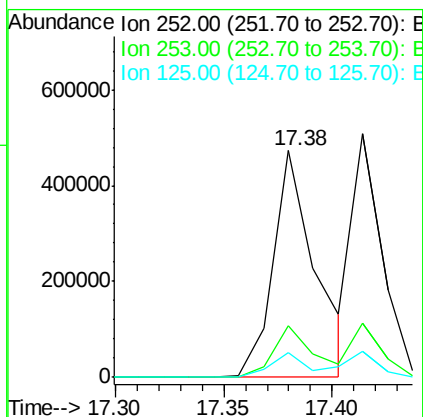
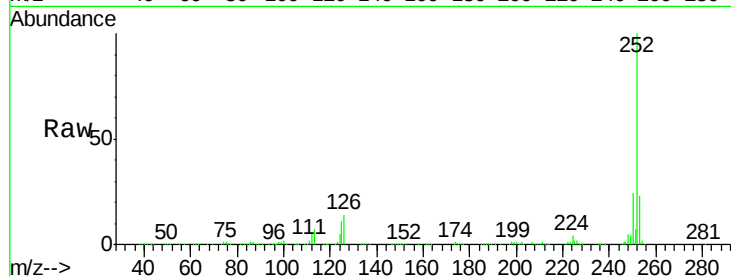




#87  
Benzo(b)fluoranthene  
Concen: 43.05 ng  
RT: 17.38 min Scan# 1443  
Delta R.T. -0.02 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

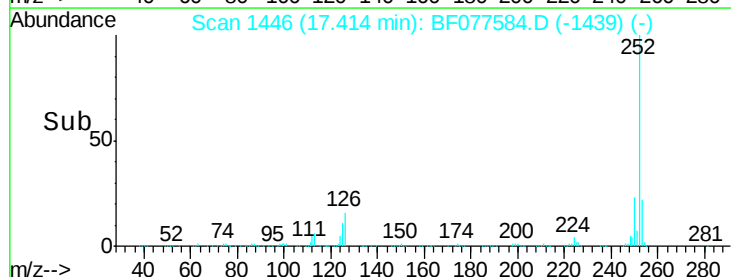
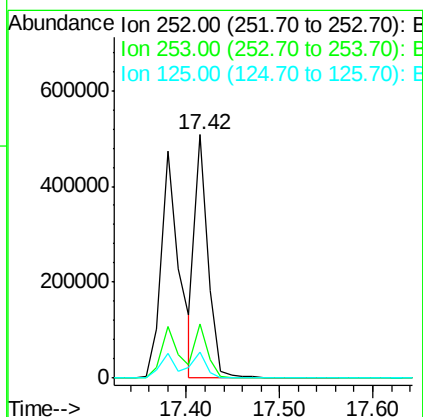
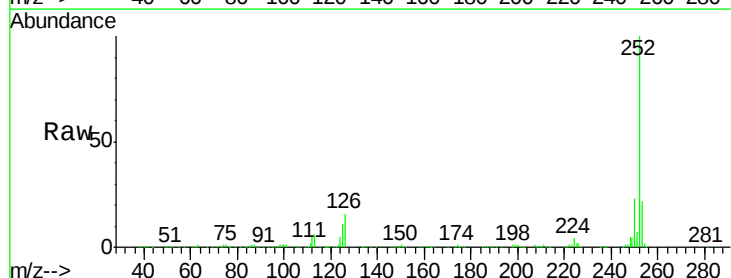
Instrument :  
BNA\_F  
ClientSampleId :  
PB81970BS

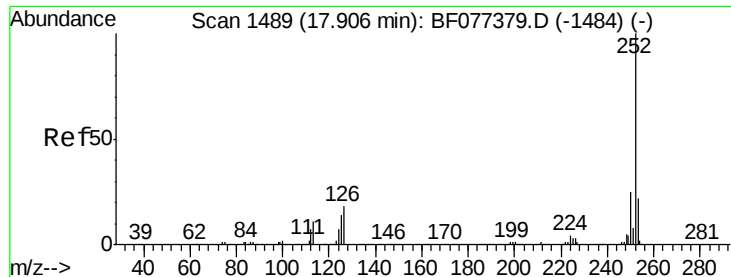
Tgt Ion:252 Resp: 641866  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.6 26.4  
125 10.9 5.4 8.2#



#88  
Benzo(k)fluoranthene  
Concen: 33.92 ng  
RT: 17.42 min Scan# 1446  
Delta R.T. -0.02 min  
Lab File: BF077584.D  
Acq: 4 Mar 2015 16:18

Tgt Ion:252 Resp: 495591  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.1 27.1  
125 10.8 10.1 15.1





#89

Benzo(a)pyrene

Concen: 39.55 ng

RT: 17.76 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA\_F

ClientSampleId :

PB81970BS

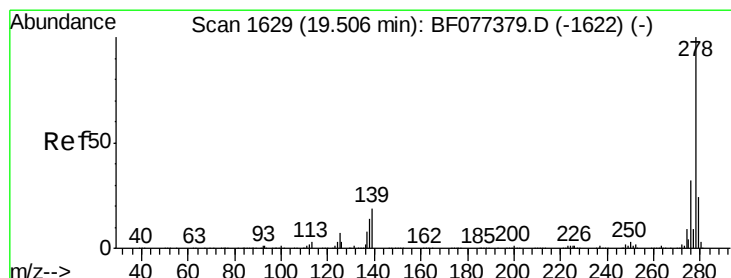
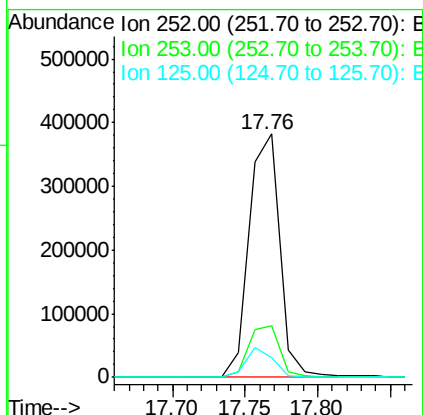
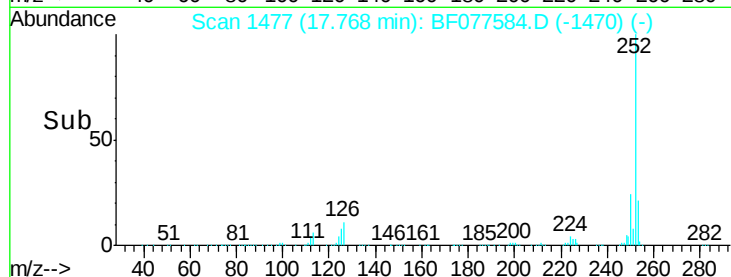
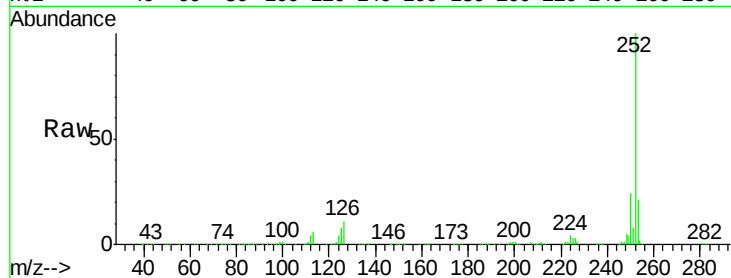
Tgt Ion:252 Resp: 561500

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

125 8.3 8.3 12.5#



#90

Dibenzo(a,h)anthracene

Concen: 39.20 ng

RT: 19.28 min Scan# 1610

Delta R.T. -0.03 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

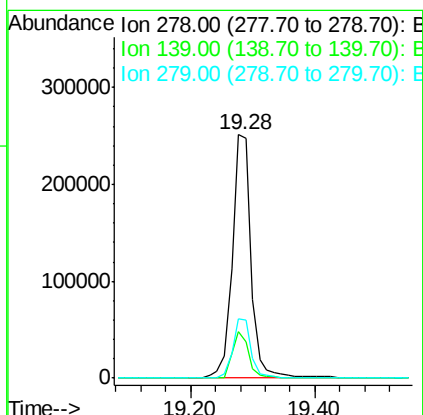
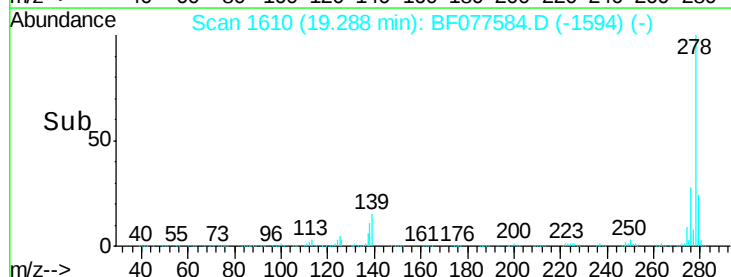
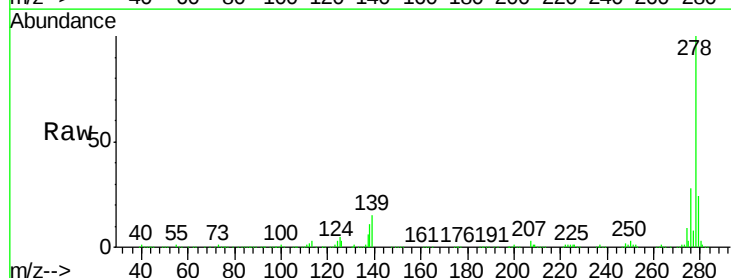
Tgt Ion:278 Resp: 530749

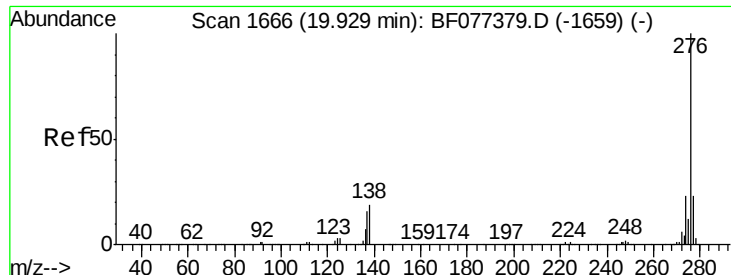
Ion Ratio Lower Upper

278 100

139 14.9 14.3 21.5

279 24.4 19.0 28.6





#91  
 Benzo(g,h,i)perylene  
 Concen: 40.28 ng  
 RT: 19.68 min Scan# 1644  
 Delta R.T. -0.03 min  
 Lab File: BF077584.D  
 Acq: 4 Mar 2015 16:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81970BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 550568 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 24.3 | 18.9  | 28.3   |
| 138       | 21.9 | 20.5  | 30.7   |

