

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022715\  
 Data File : BF077517.D  
 Acq On : 27 Feb 2015 20:56  
 Operator : TP/IZ  
 Sample : G1388-03MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20MS

Quant Time: Feb 28 01:18:38 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 27 22:28:54 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.26  | 152  | 96087    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.83  | 136  | 387615   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 11.01 | 164  | 203818   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.85 | 188  | 406100   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.14 | 240  | 415406   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 17.83 | 264  | 404768   | 20.00 | ng    | -0.08    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.55  | 112 | 627459  | 109.02 | ng | 0.00 |
| 7) Phenol-d6             | 6.82  | 99  | 786947  | 106.34 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.95  | 82  | 480016  | 77.01  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.99 | 330 | 230701  | 117.55 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 10.18 | 172 | 1033286 | 79.05  | ng | 0.00 |
| 78) Terphenyl-d14        | 14.85 | 244 | 1246587 | 70.15  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.21 | 88  | 69543  | 28.47 | ng | 98     |
| 3) Pyridine                    | 2.94 | 79  | 197254 | 28.23 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 2.86 | 42  | 96537  | 31.78 | ng | 95     |
| 6) Aniline                     | 6.85 | 93  | 137844 | 13.48 | ng | # 33   |
| 8) 2-Chlorophenol              | 6.99 | 128 | 242731 | 35.75 | ng | 92     |
| 9) Benzaldehyde                | 6.70 | 77  | 58371  | 12.99 | ng | 94     |
| 10) Phenol                     | 6.84 | 94  | 285563 | 32.52 | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 6.95 | 93  | 208576 | 33.06 | ng | 86     |
| 12) 1,3-Dichlorobenzene        | 7.18 | 146 | 255329 | 34.53 | ng | # 92   |
| 13) 1,4-Dichlorobenzene        | 7.28 | 146 | 243743 | 32.41 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.46 | 146 | 242254 | 33.86 | ng | 95     |
| 15) Benzyl Alcohol             | 7.44 | 79  | 190116 | 33.80 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.62 | 45  | 324060 | 35.93 | ng | 97     |
| 17) 2-Methylphenol             | 7.58 | 107 | 193370 | 36.44 | ng | 98     |
| 18) Hexachloroethane           | 7.88 | 117 | 90510  | 36.03 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.77 | 70  | 174132 | 37.05 | ng | 90     |
| 20) 3+4-Methylphenols          | 7.78 | 107 | 249957 | 35.76 | ng | # 77   |
| 22) Acetophenone               | 7.77 | 105 | 337843 | 37.05 | ng | # 89   |
| 24) Nitrobenzene               | 7.97 | 77  | 242858 | 37.03 | ng | 88     |
| 25) Isophorone                 | 8.27 | 82  | 445787 | 36.05 | ng | 94     |
| 26) 2-Nitrophenol              | 8.37 | 139 | 106172 | 39.50 | ng | # 83   |
| 27) 2,4-Dimethylphenol         | 8.43 | 122 | 224871 | 37.39 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 8.55 | 93  | 291107 | 37.26 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.66 | 162 | 206324 | 36.55 | ng | 90     |
| 30) 1,2,4-Trichlorobenzene     | 8.77 | 180 | 215965 | 34.80 | ng | 97     |
| 31) Naphthalene                | 8.86 | 128 | 708760 | 36.56 | ng | 99     |
| 32) Benzoic acid               | 8.51 | 122 | 65171  | 22.30 | ng | 97     |
| 33) 4-Chloroaniline            | 8.93 | 127 | 117884 | 13.68 | ng | # 94   |
| 34) Hexachlorobutadiene        | 9.02 | 225 | 126604 | 35.73 | ng | 98     |
| 35) Caprolactam                | 9.36 | 113 | 63279  | 36.72 | ng | # 83   |
| 36) 4-Chloro-3-methylphenol    | 9.54 | 107 | 214538 | 37.80 | ng | 95     |
| 37) 2-Methylnaphthalene        | 9.72 | 142 | 510678 | 37.10 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.93 | 216 | 225231 | 38.51 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.91 | 237 | 227786 | 72.64 | ng | 99     |

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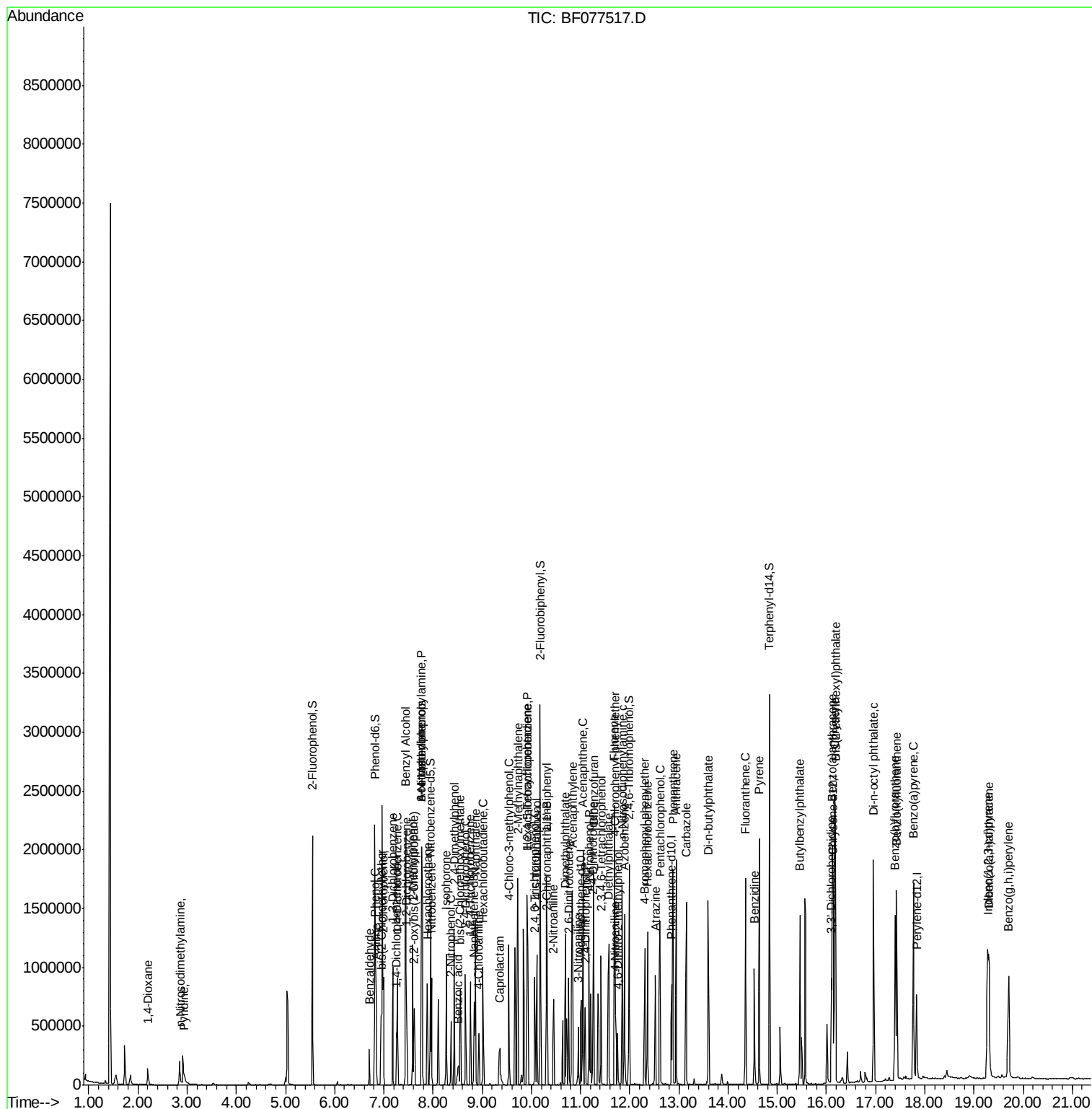
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 10.07 | 196  | 149403   | 38.58 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 10.11 | 196  | 161128   | 38.91 | nq    | # 86     |
| 45) 1,1'-Biphenyl              | 10.30 | 154  | 602389   | 39.01 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 10.32 | 162  | 461113   | 38.08 | nq    | 93       |
| 47) 2-Nitroaniline             | 10.45 | 65   | 131469   | 44.10 | nq    | # 65     |
| 48) Acenaphthylene             | 10.83 | 152  | 725841   | 37.86 | nq    | 99       |
| 49) Dimethylphthalate          | 10.69 | 163  | 624789   | 43.61 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 10.76 | 165  | 120157   | 41.82 | nq    | # 71     |
| 51) Acenaphthene               | 11.05 | 154  | 432759   | 37.83 | nq    | 99       |
| 52) 3-Nitroaniline             | 10.96 | 138  | 72841    | 21.99 | nq    | 92       |
| 53) 2,4-Dinitrophenol          | 11.09 | 184  | 73935    | 84.57 | nq    | # 69     |
| 54) Dibenzofuran               | 11.26 | 168  | 679261   | 38.45 | nq    | 100      |
| 55) 4-Nitrophenol              | 11.17 | 139  | 192817   | 72.37 | nq    | # 67     |
| 56) 2,4-Dinitrotoluene         | 11.26 | 165  | 155166   | 39.97 | nq    | # 74     |
| 57) Fluorene                   | 11.69 | 166  | 547593   | 38.78 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.42 | 232  | 136678   | 41.05 | nq    | 97       |
| 59) Diethylphthalate           | 11.57 | 149  | 581669   | 41.18 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 11.70 | 204  | 261844   | 38.48 | nq    | 96       |
| 61) 4-Nitroaniline             | 11.71 | 138  | 119337   | 37.59 | nq    | 92       |
| 62) Azobenzene                 | 11.89 | 77   | 551864   | 41.18 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 11.76 | 198  | 61349    | 38.64 | nq    | 76       |
| 65) n-Nitrosodiphenylamine     | 11.85 | 169  | 487378   | 36.17 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 12.30 | 248  | 164238   | 34.54 | nq    | 97       |
| 67) Hexachlorobenzene          | 12.36 | 284  | 173768   | 34.04 | nq    | 95       |
| 68) Atrazine                   | 12.52 | 200  | 168839   | 38.54 | nq    | 94       |
| 69) Pentachlorophenol          | 12.61 | 266  | 192339   | 71.70 | nq    | 99       |
| 70) Phenanthrene               | 12.88 | 178  | 783432   | 33.28 | nq    | 98       |
| 71) Anthracene                 | 12.94 | 178  | 835959   | 35.79 | nq    | 99       |
| 72) Carbazole                  | 13.15 | 167  | 783847   | 35.29 | nq    | 100      |
| 73) Di-n-butylphthalate        | 13.60 | 149  | 976084   | 37.43 | nq    | 100      |
| 74) Fluoranthene               | 14.35 | 202  | 877927   | 34.15 | nq    | 97       |
| 76) Benzidine                  | 14.53 | 184  | 383057   | 27.29 | nq    | 98       |
| 77) Pyrene                     | 14.63 | 202  | 914420   | 35.99 | nq    | 100      |
| 79) Butylbenzylphthalate       | 15.46 | 149  | 408575   | 39.08 | nq    | # 80     |
| 80) Benzo(a)anthracene         | 16.12 | 228  | 841184   | 34.55 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 16.10 | 252  | 199578   | 22.37 | nq    | # 96     |
| 82) Chrysene                   | 16.17 | 228  | 792718   | 34.68 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 16.18 | 149  | 648141   | 38.66 | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 16.96 | 149  | 1081996  | 38.66 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 19.29 | 276  | 933855m  | 35.83 | nq    |          |
| 87) Benzo(b)fluoranthene       | 17.40 | 252  | 864779   | 36.74 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 17.43 | 252  | 742239m  | 32.18 | nq    |          |
| 89) Benzo(a)pyrene             | 17.77 | 252  | 786022   | 35.06 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 19.31 | 278  | 768021   | 35.92 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 19.70 | 276  | 759753   | 35.21 | nq    | 99       |

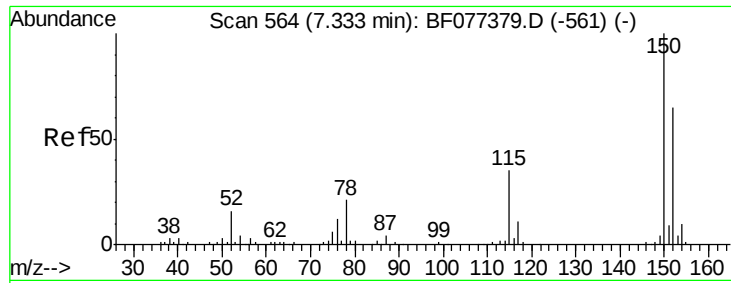
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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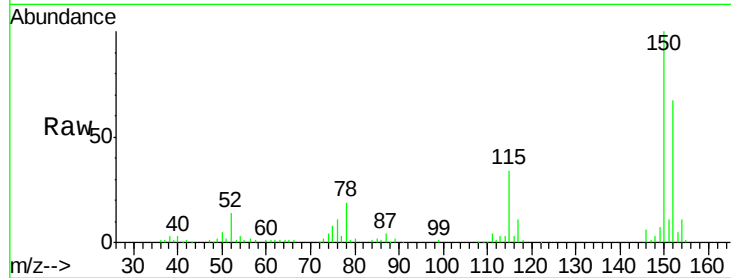


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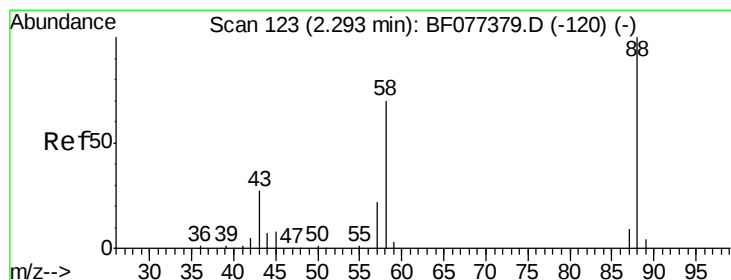
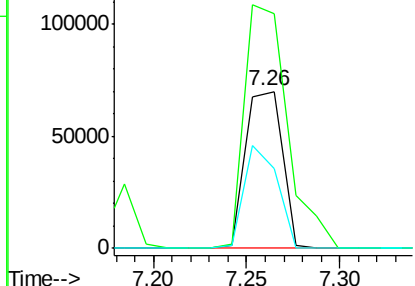
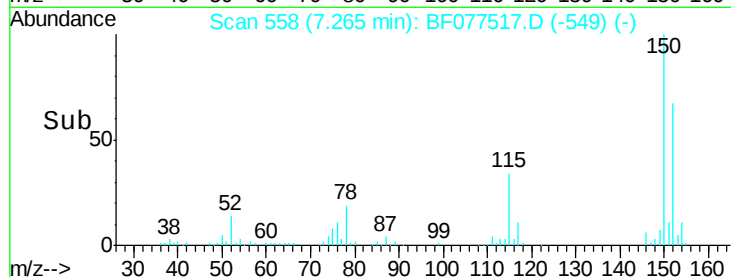
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.26 min Scan# 558  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

Tot Ion:152 Resp: 96087  
Ion Ratio Lower Upper  
152 100  
150 149.2 124.0 186.0  
115 50.8 49.4 74.2



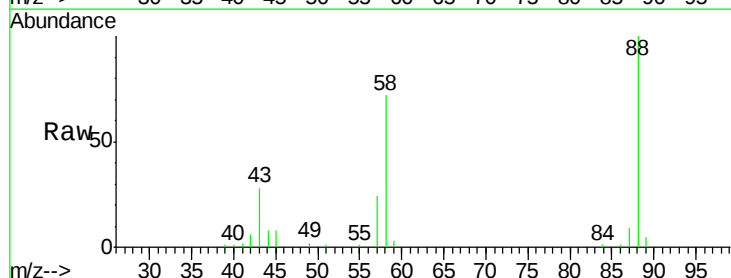
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



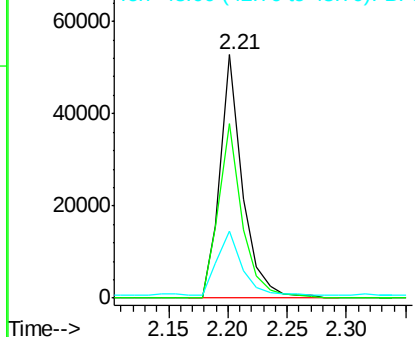
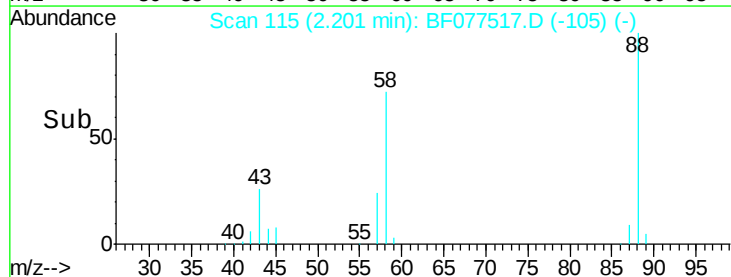
#2

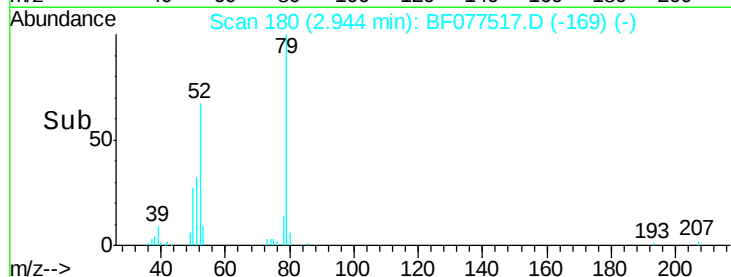
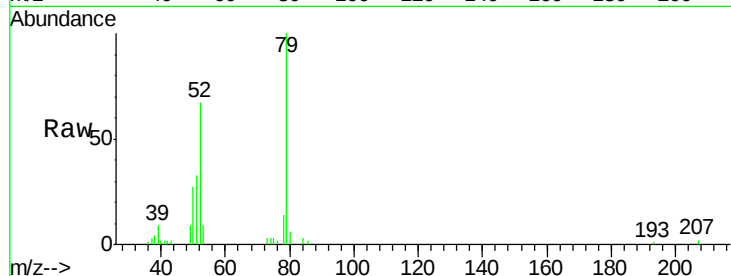
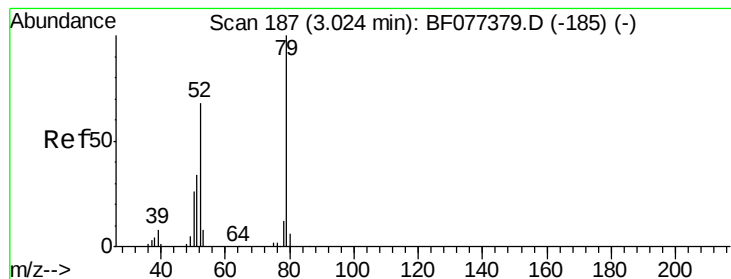
1,4-Dioxane  
Concen: 28.47 ng  
RT: 2.21 min Scan# 115  
Delta R.T. 0.02 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Tgt Ion: 88 Resp: 69543  
Ion Ratio Lower Upper  
88 100  
58 75.7 62.1 93.1  
43 29.9 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

Pvridine

Concen: 28.23 ng

RT: 2.94 min Scan# 180

Delta R.T. 0.02 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

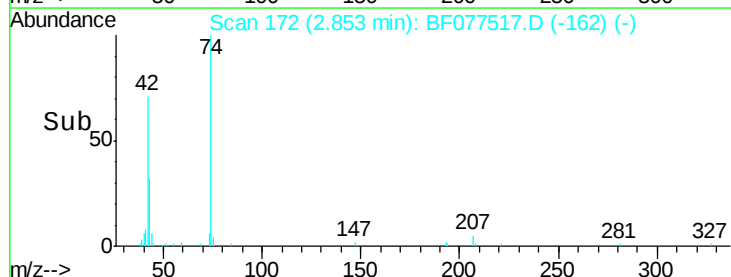
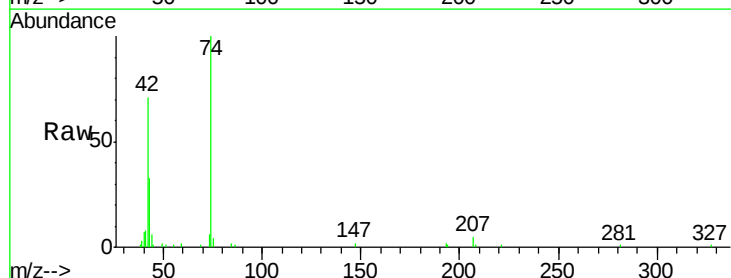
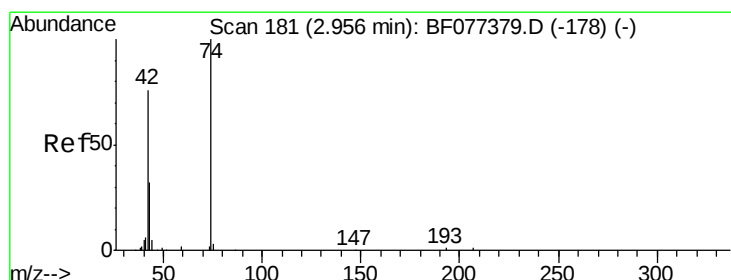
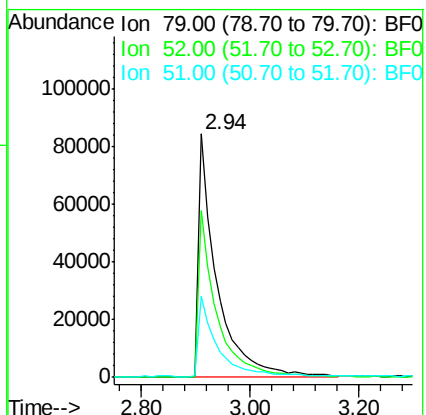
Tot Ion: 79 Resp: 197254

Ion Ratio Lower Upper

79 100

52 67.2 57.7 86.5

51 33.2 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 31.78 ng

RT: 2.86 min Scan# 172

Delta R.T. 0.02 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

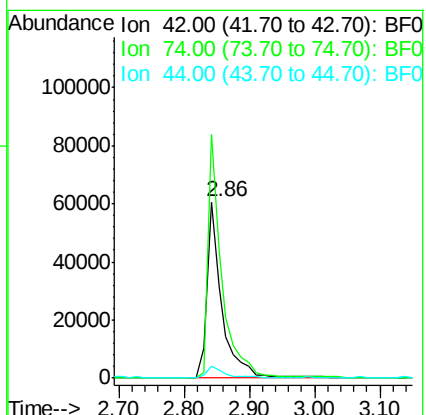
Tgt Ion: 42 Resp: 96537

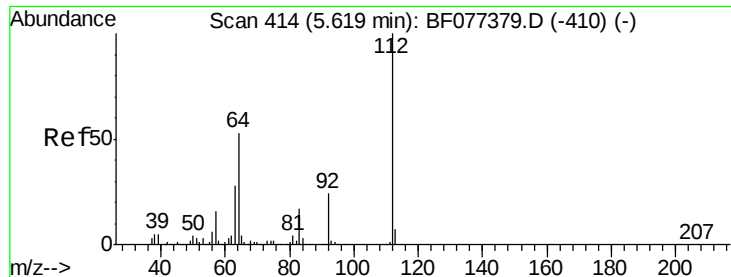
Ion Ratio Lower Upper

42 100

74 140.2 107.1 160.7

44 8.6 6.7 10.1





#5

2-Fluorophenol

Concen: 109.02 ng

RT: 5.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

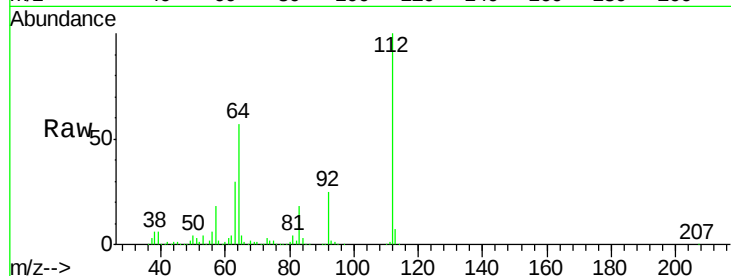
Tot Ion:112 Resp: 627459

Ion Ratio Lower Upper

112 100

64 56.6 48.5 72.7

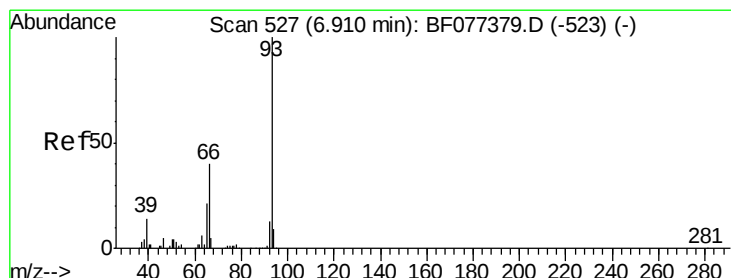
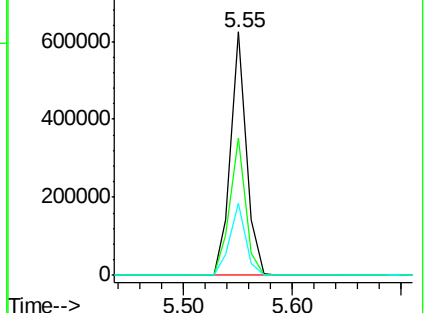
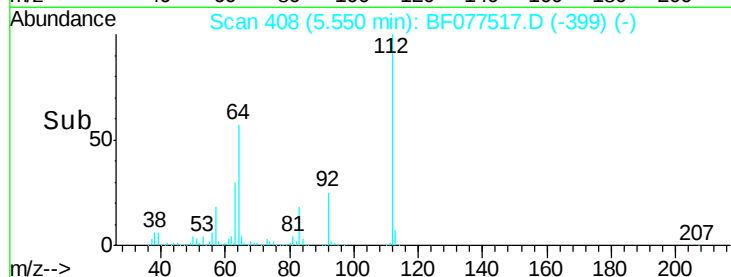
63 29.6 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.48 ng

RT: 6.85 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

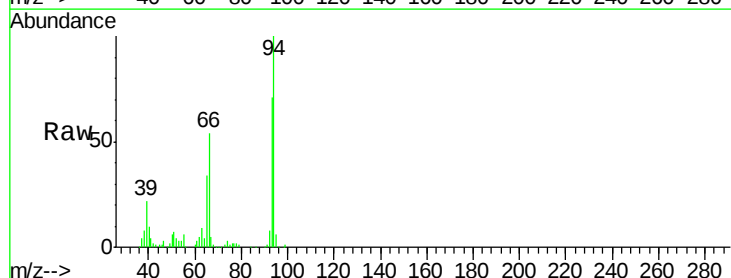
Tgt Ion: 93 Resp: 137844

Ion Ratio Lower Upper

93 100

66 76.1 29.1 43.7#

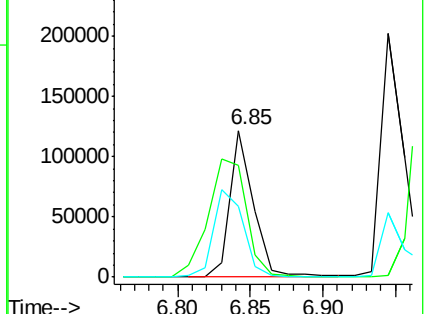
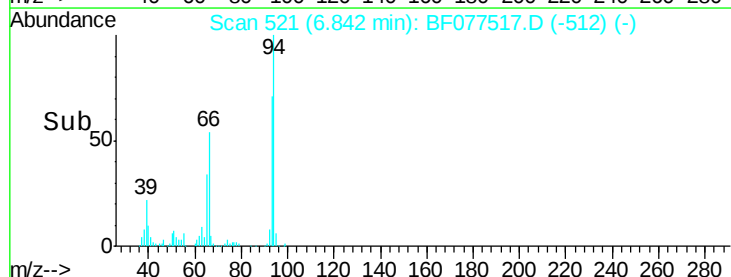
65 48.0 14.6 22.0#

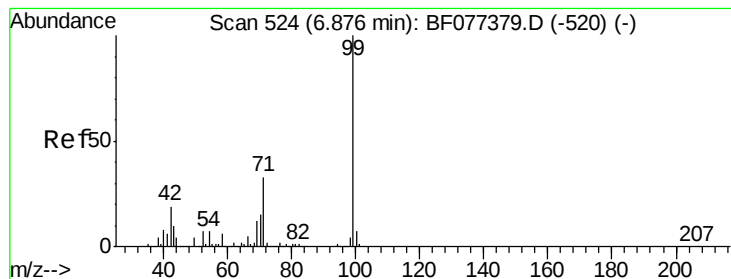


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.34 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077517.D

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BNA\_F

ClientSampleId :

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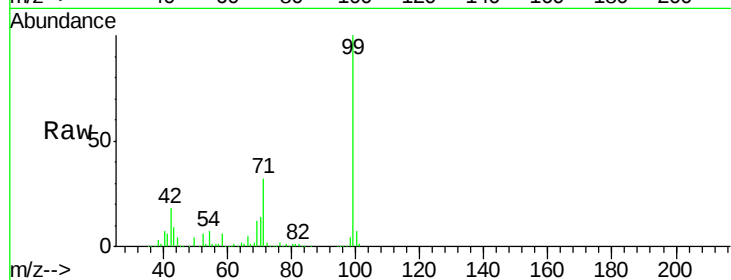
Tot Ion: 99 Resp: 786947

Ion Ratio Lower Upper

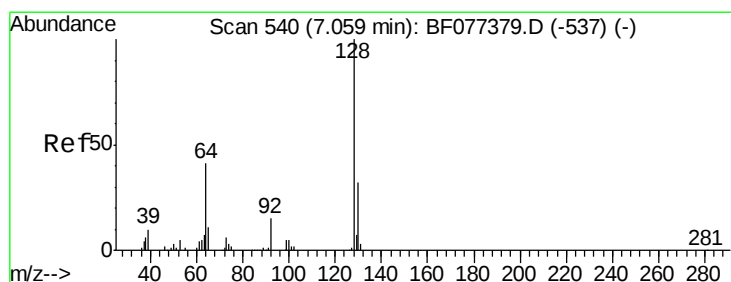
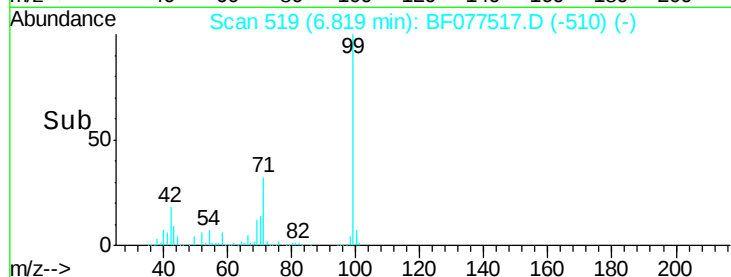
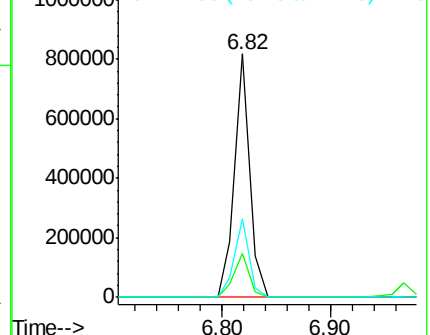
99 100

42 18.1 16.2 24.4

71 32.2 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: 35.75 ng

RT: 6.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

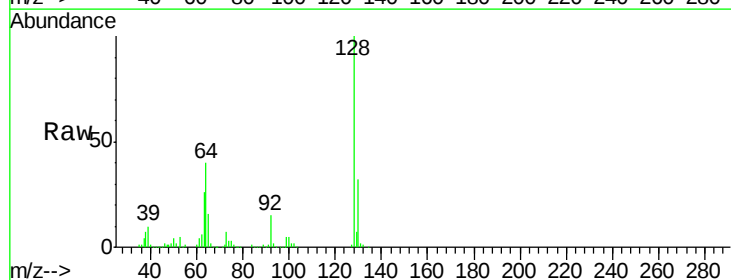
Tgt Ion: 128 Resp: 242731

Ion Ratio Lower Upper

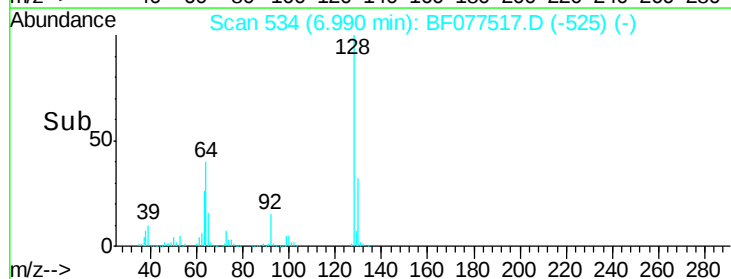
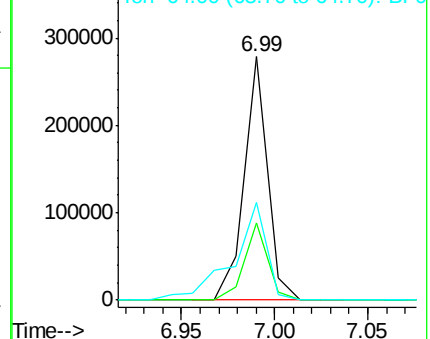
128 100

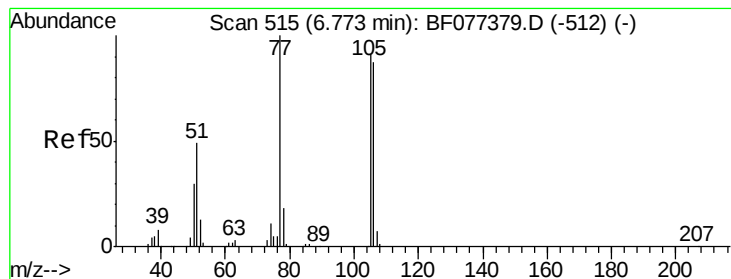
130 32.0 12.0 52.0

64 40.2 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: 12.99 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

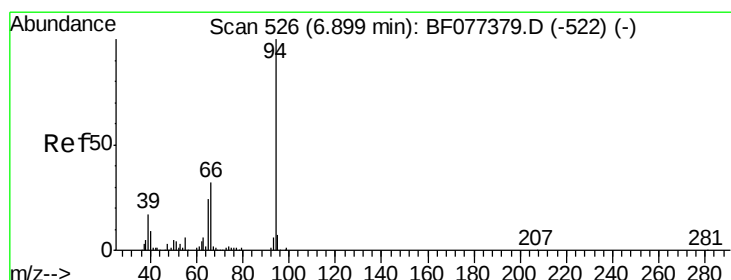
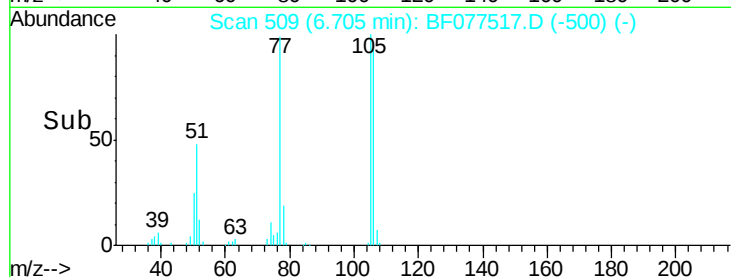
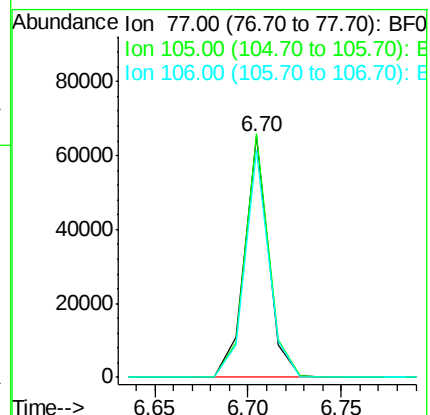
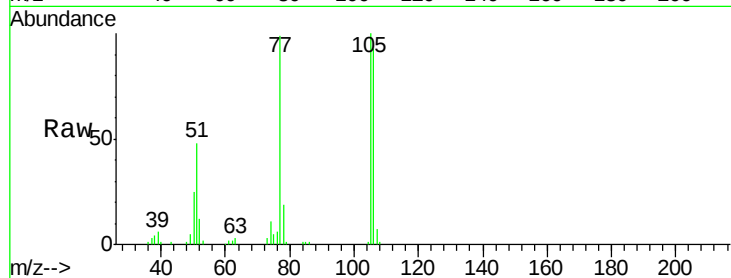
Tot Ion: 77 Resp: 58371

Ion Ratio Lower Upper

77 100

105 101.1 85.9 125.9

106 94.5 82.9 122.9



#10

Phenol

Concen: 32.52 ng

RT: 6.84 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

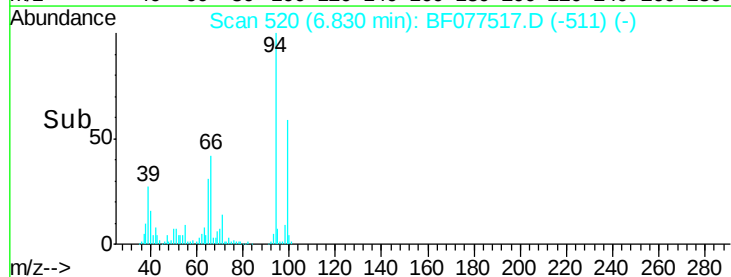
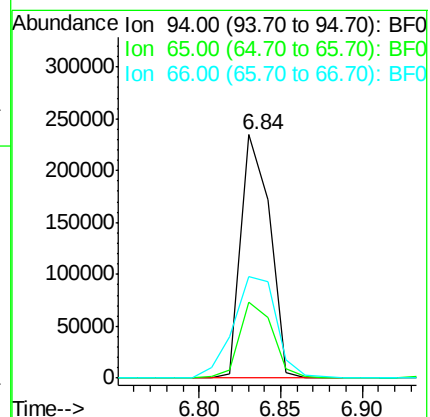
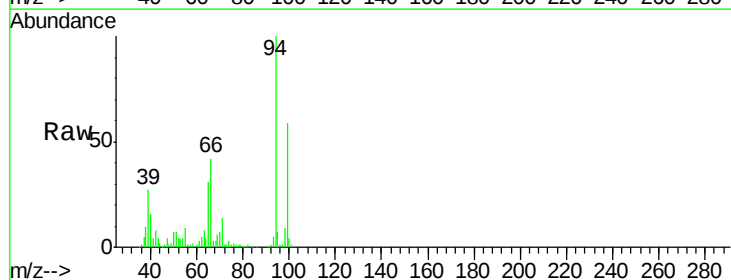
Tgt Ion: 94 Resp: 285563

Ion Ratio Lower Upper

94 100

65 31.2 5.7 45.7

66 41.9 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 33.06 ng

RT: 6.95 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

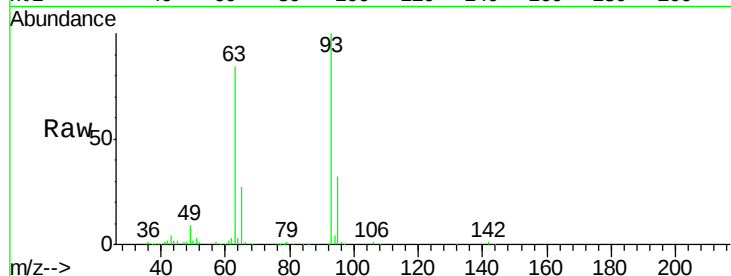
Tot Ion: 93 Resp: 208576

Ion Ratio Lower Upper

93 100

63 84.2 48.7 88.7

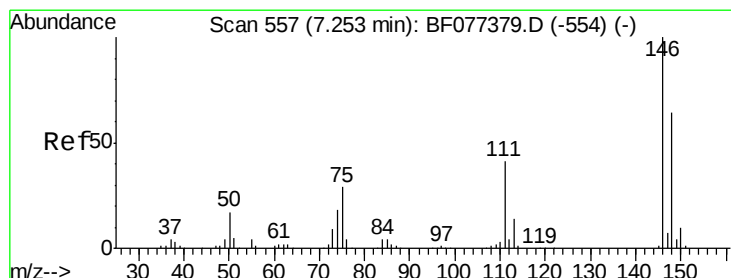
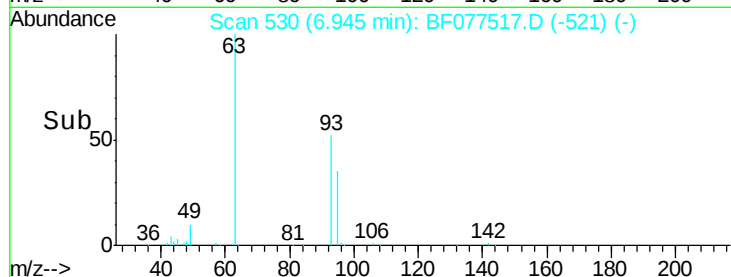
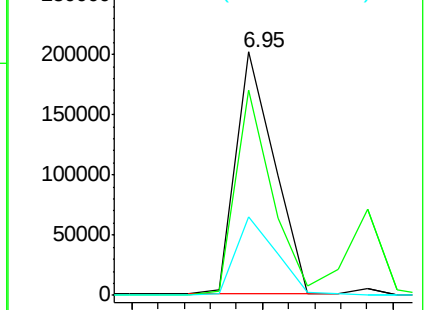
95 32.4 13.6 53.6



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: 34.53 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

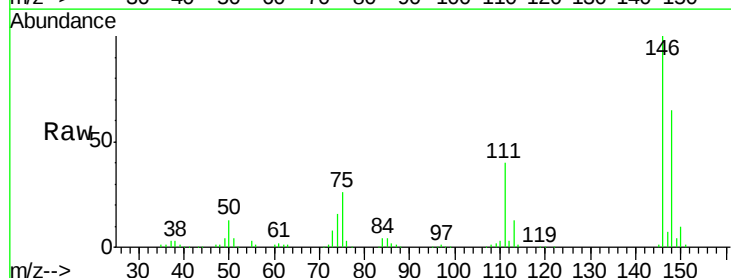
Tgt Ion: 146 Resp: 255329

Ion Ratio Lower Upper

146 100

148 64.7 49.8 74.8

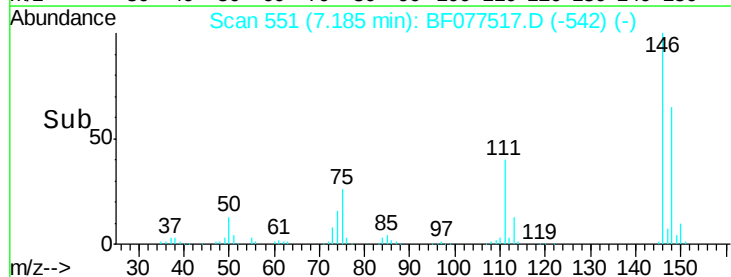
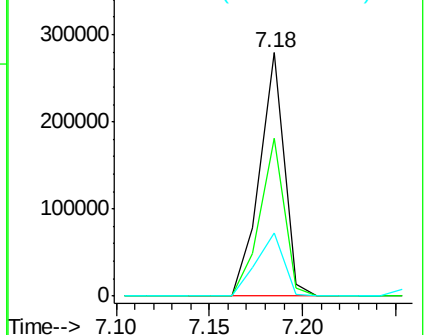
75 25.7 28.2 42.4#

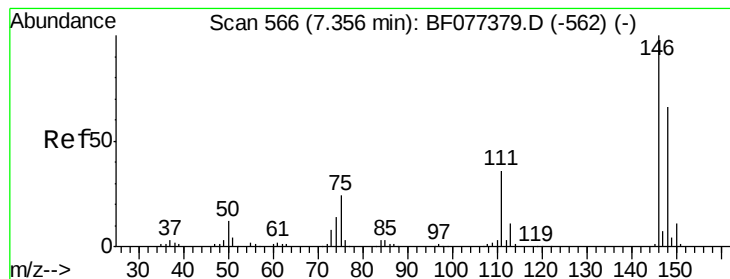


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.41 ng

RT: 7.28 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

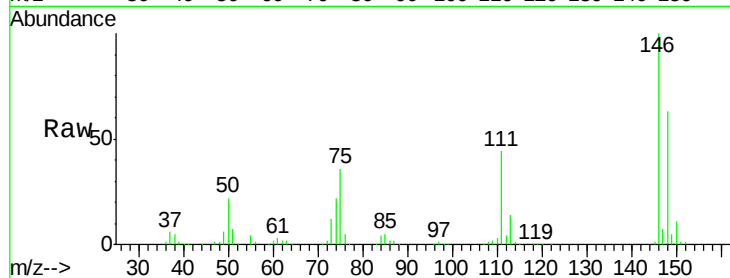
Tot Ion:146 Resp: 243743

Ion Ratio Lower Upper

146 100

148 63.0 52.0 78.0

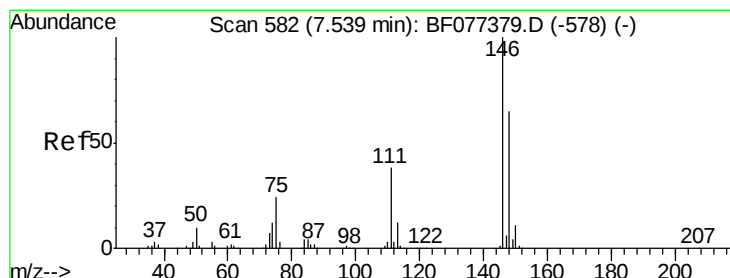
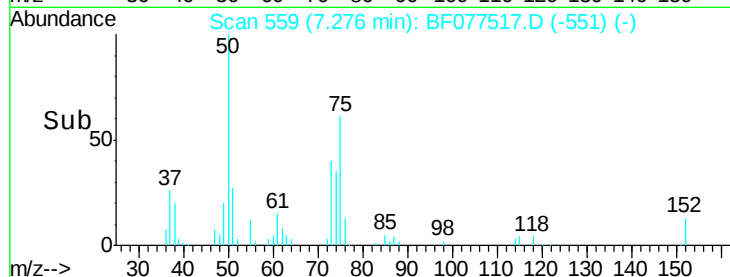
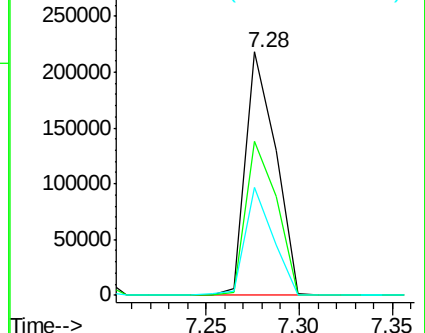
111 44.5 31.9 47.9



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: 33.86 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

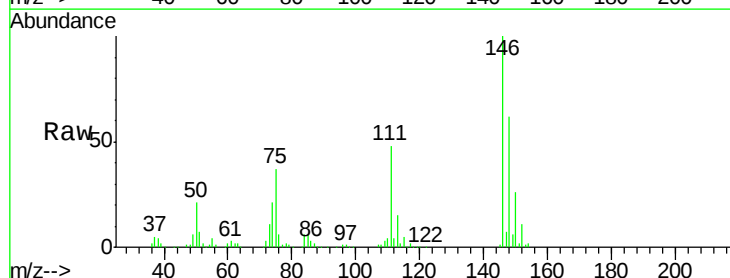
Tgt Ion:146 Resp: 242254

Ion Ratio Lower Upper

146 100

148 62.3 51.6 77.4

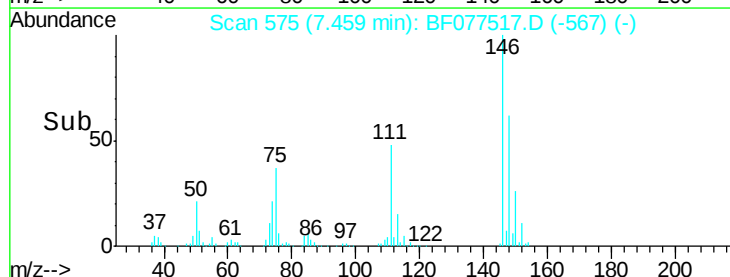
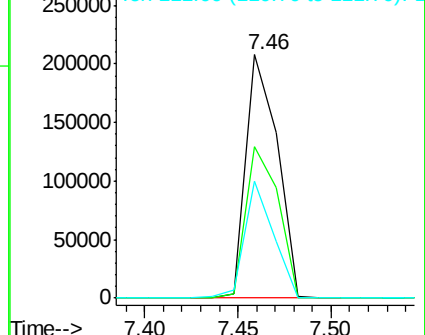
111 48.0 34.2 51.2



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: 33.80 ng

RT: 7.44 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

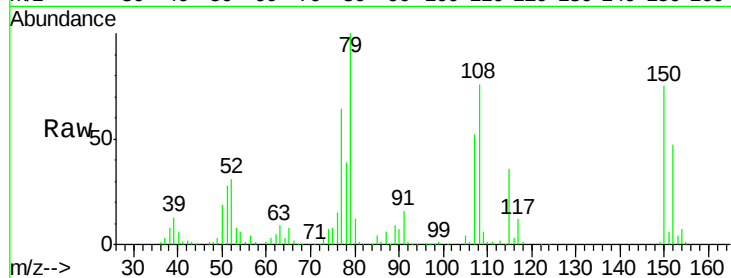
Tot Ion: 79 Resp: 190116

Ion Ratio Lower Upper

79 100

108 75.6 58.3 87.5

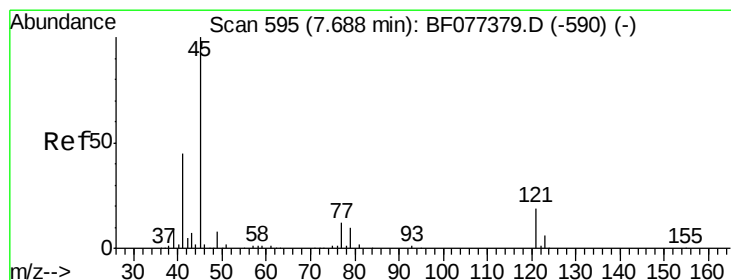
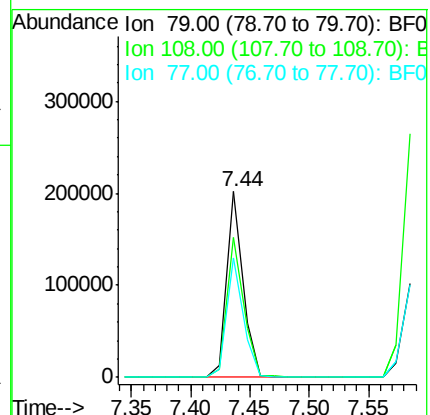
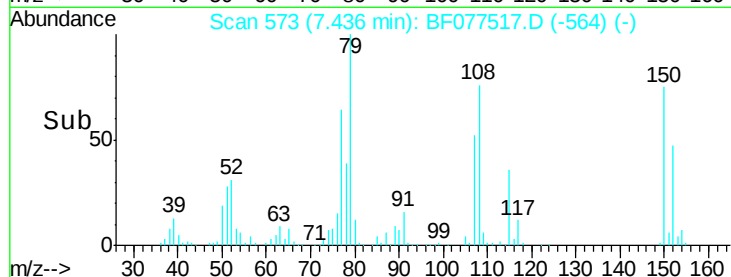
77 64.1 51.3 76.9



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: 35.93 ng

RT: 7.62 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

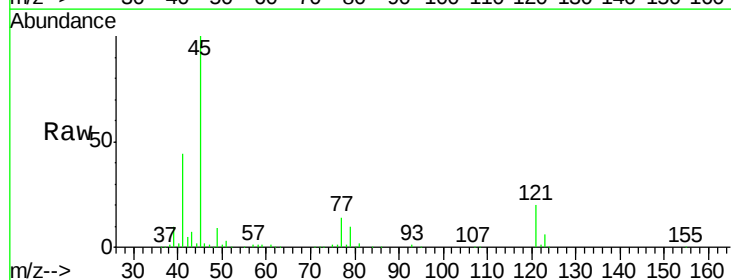
Tgt Ion: 45 Resp: 324060

Ion Ratio Lower Upper

45 100

77 13.7 0.0 34.6

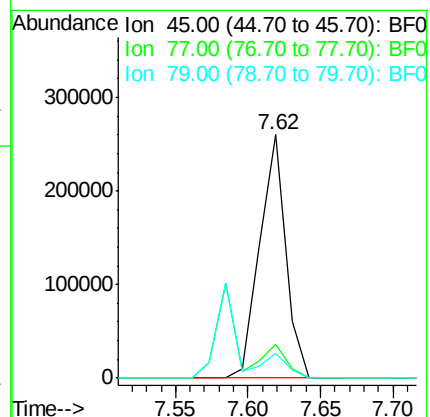
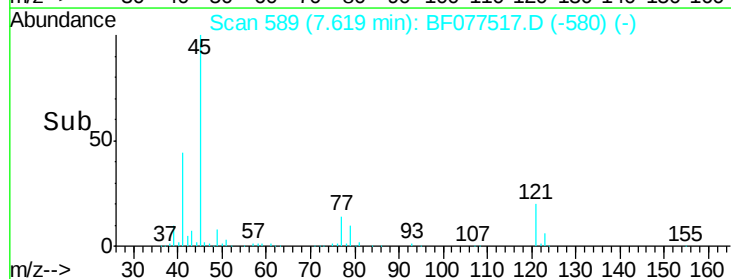
79 10.3 0.0 31.5

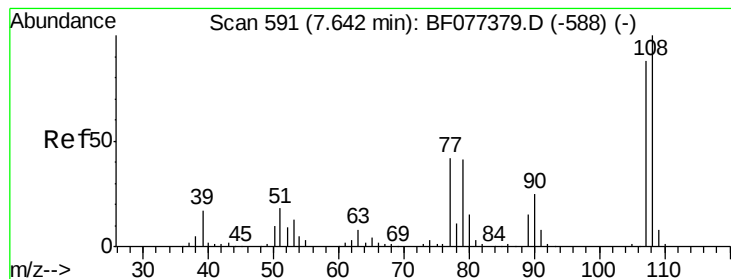


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.44 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

Tot Ion:107 Resp: 193370

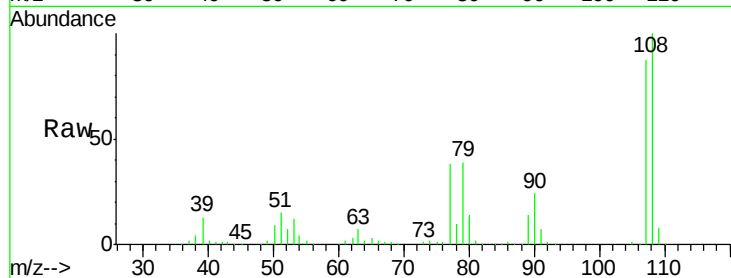
Ion Ratio Lower Upper

107 100

108 114.4 91.2 136.8

77 43.7 33.6 50.4

79 44.1 32.1 48.1

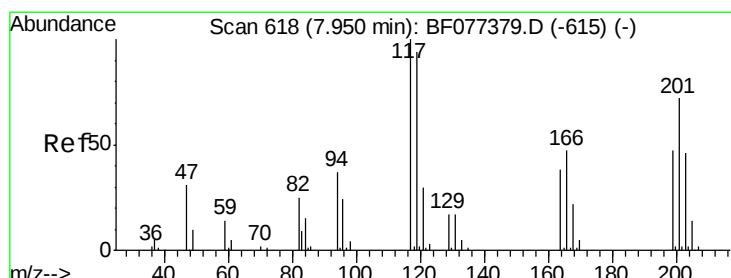
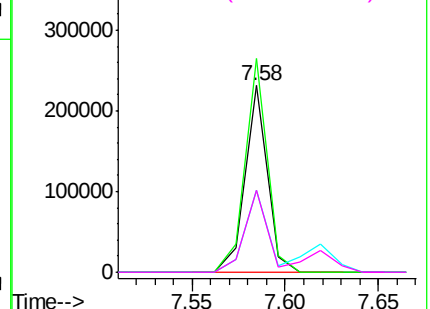
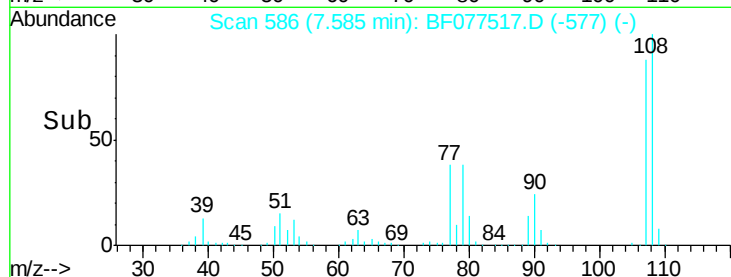


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.03 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

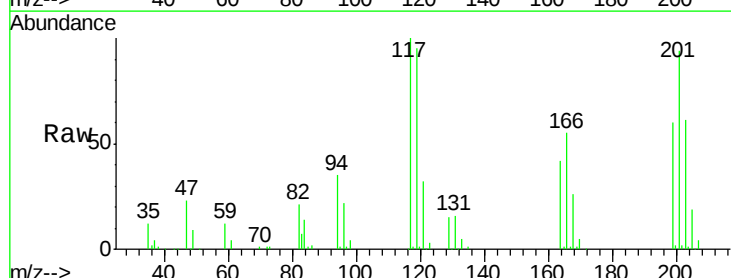
Tgt Ion:117 Resp: 90510

Ion Ratio Lower Upper

117 100

119 94.5 77.8 116.8

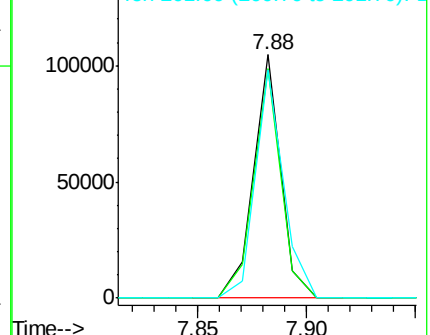
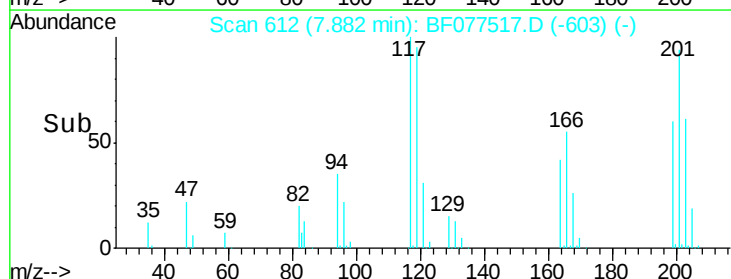
201 94.0 90.6 136.0

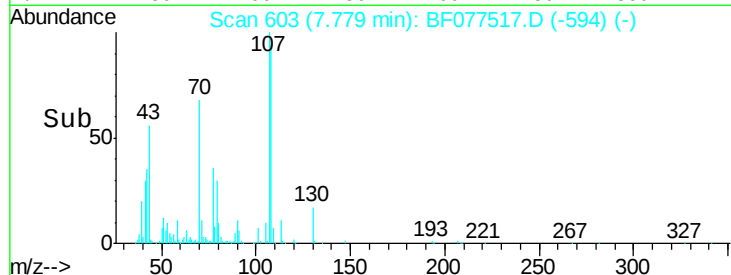
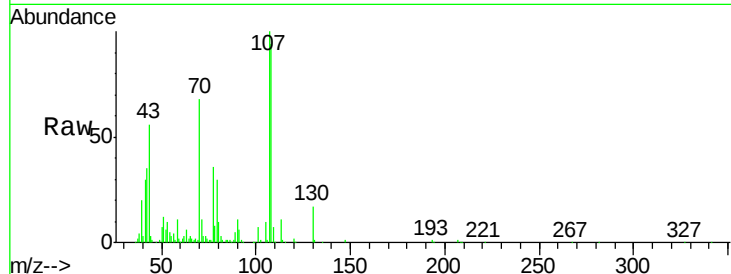
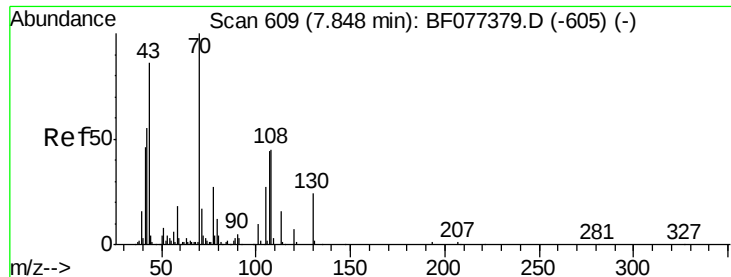


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

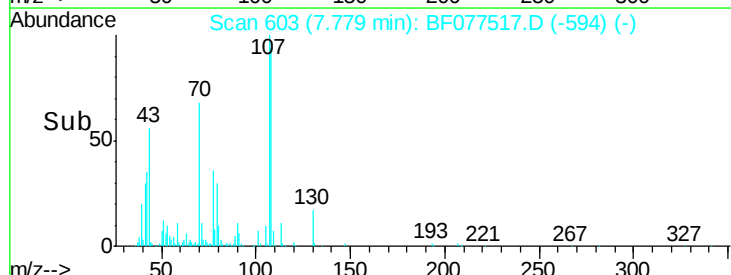
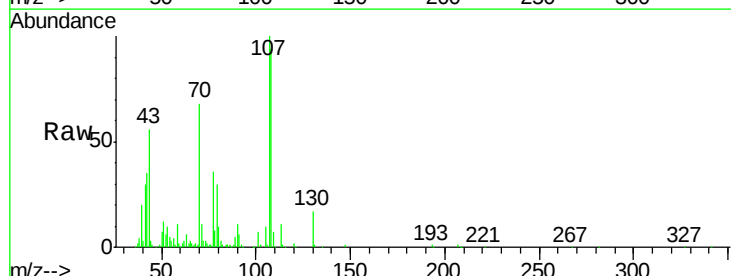
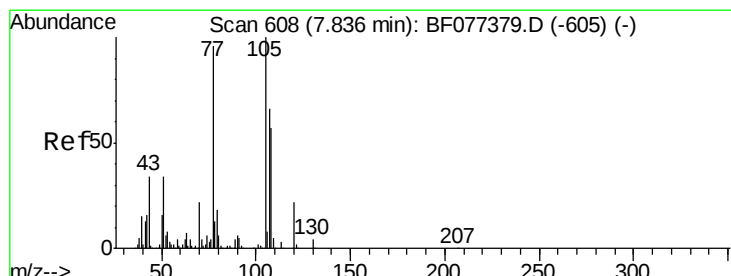
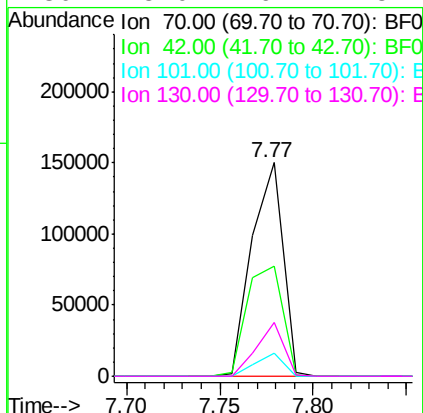




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.05 ng  
RT: 7.77 min Scan# 603  
Delta R.T. 0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

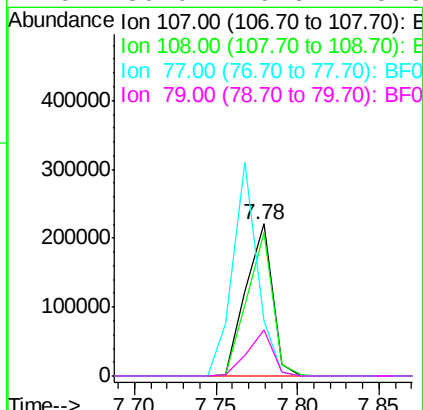
Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

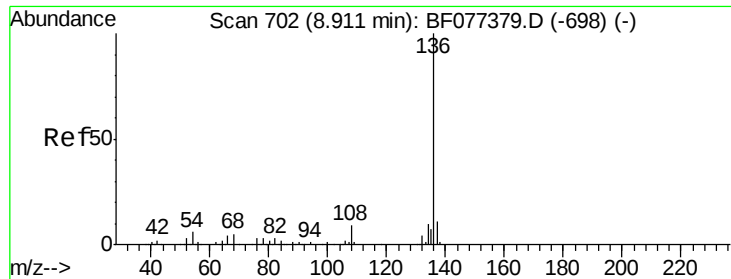
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 174132 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.5  | 48.3  | 72.5   |
| 101      | 10.7  | 7.5   | 11.3   |
| 130      | 25.0  | 16.7  | 25.1   |



#20  
3+4-Methylphenols  
Concen: 35.76 ng  
RT: 7.78 min Scan# 603  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 249957 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 94.5  | 76.8  | 116.8  |
| 77       | 36.5  | 65.8  | 105.8# |
| 79       | 30.0  | 9.6   | 49.6   |

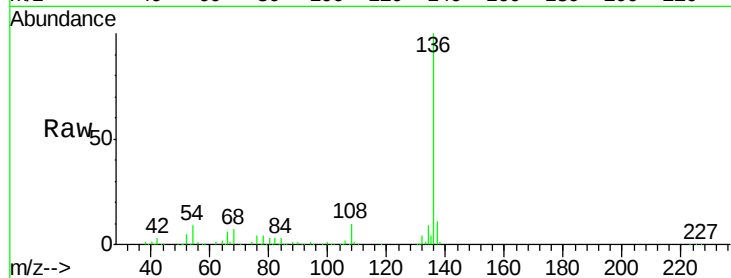




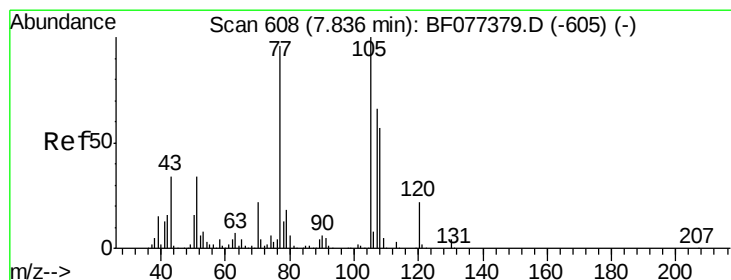
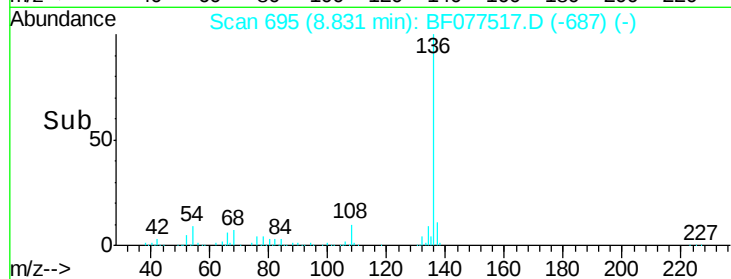
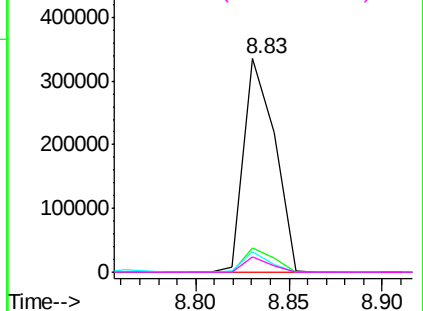
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.83 min Scan# 695  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 387615   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.2  | 8.6 13.0 |
| 54          | 9.4   | 6.2 9.4# |
| 68          | 6.9   | 5.0 7.6  |

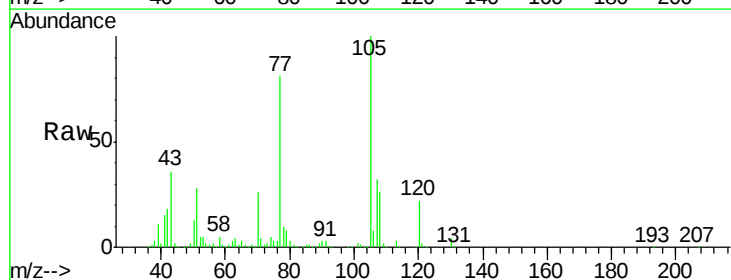


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

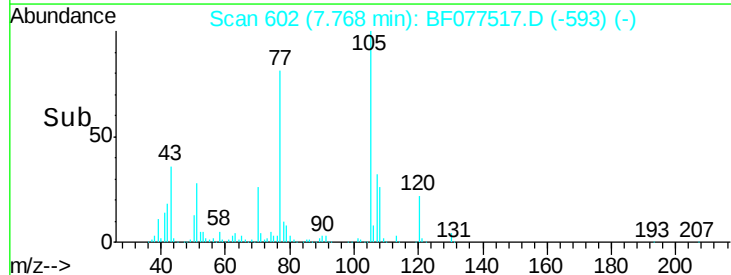
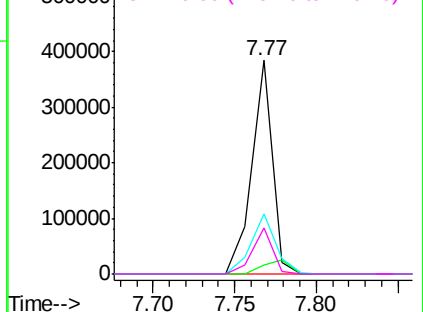


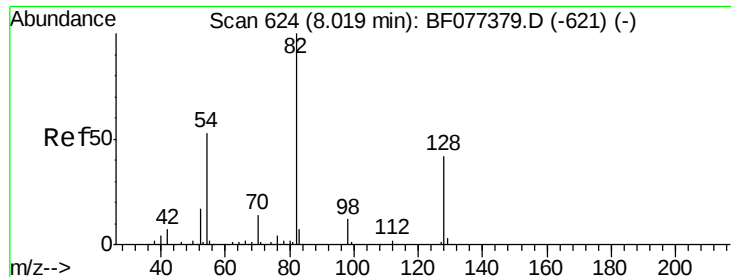
#22  
Acetophenone  
Concen: 37.05 ng  
RT: 7.77 min Scan# 602  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 337843     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 4.3   | 1.7 2.5#   |
| 51          | 28.3  | 30.7 46.1# |
| 120         | 21.7  | 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

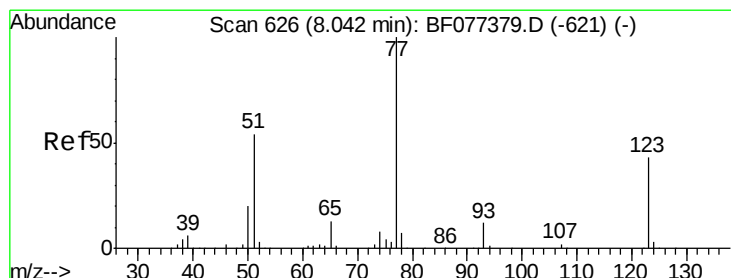
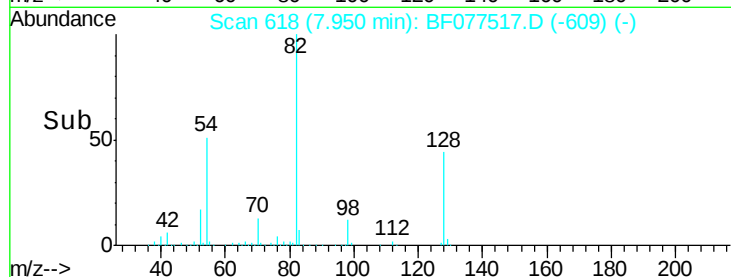
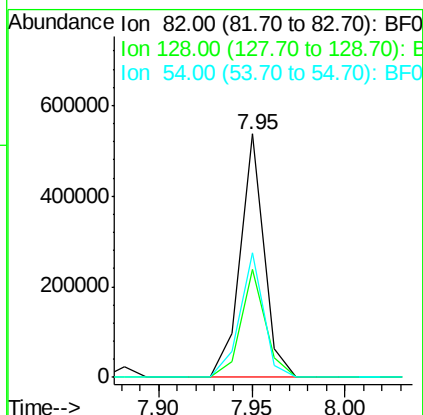
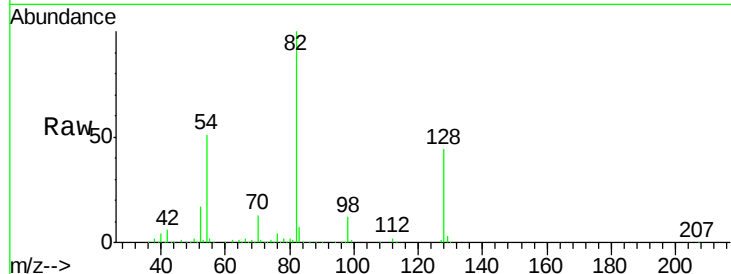




#23  
Nitrobenzene-d5  
Concen: 77.01 ng  
RT: 7.95 min Scan# 618  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

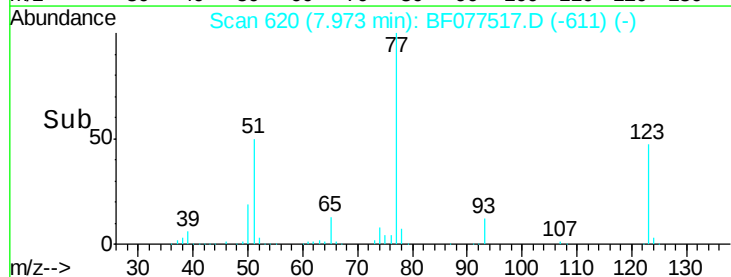
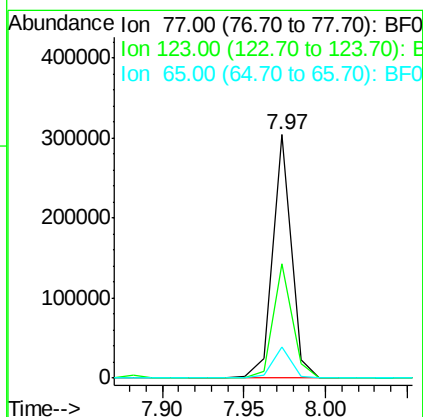
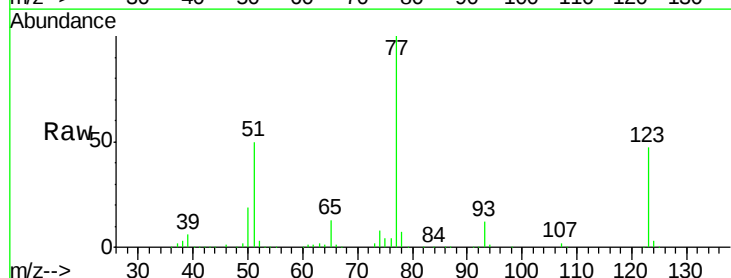
Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

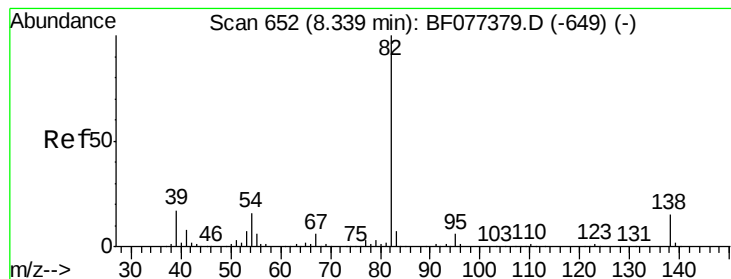
Tot Ion: 82 Resp: 480016  
Ion Ratio Lower Upper  
82 100  
128 44.4 43.8 65.8  
54 51.0 36.7 55.1



#24  
Nitrobenzene  
Concen: 37.03 ng  
RT: 7.97 min Scan# 620  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Tgt Ion: 77 Resp: 242858  
Ion Ratio Lower Upper  
77 100  
123 46.8 45.9 68.9  
65 13.0 9.5 14.3





#25

Isophorone

Concen: 36.05 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

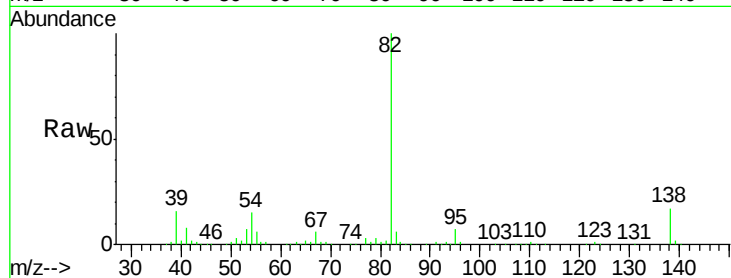
Tot Ion: 82 Resp: 445787

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

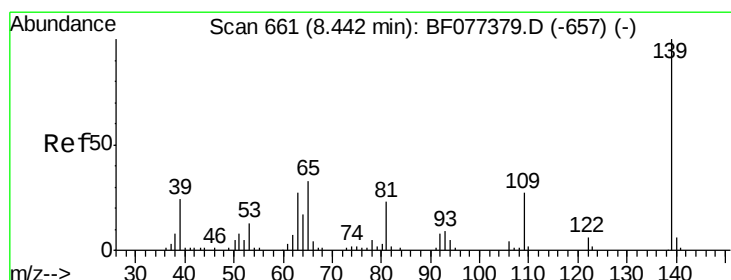
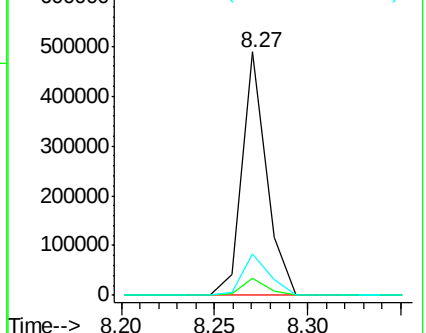
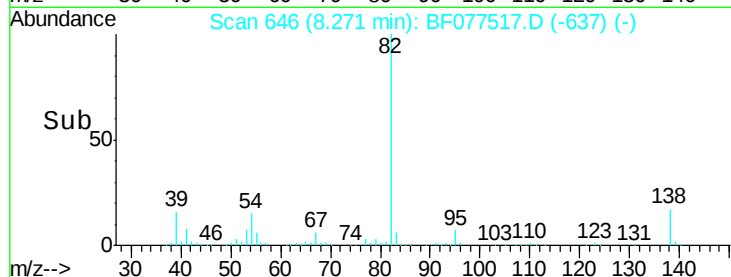
138 16.9 16.3 24.5



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: 39.50 ng

RT: 8.37 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

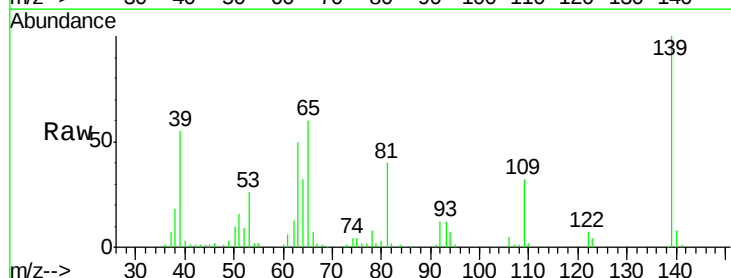
Tgt Ion: 139 Resp: 106172

Ion Ratio Lower Upper

139 100

109 32.4 22.6 34.0

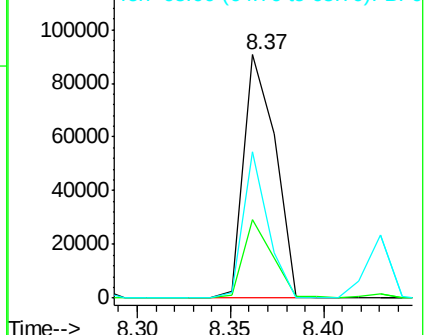
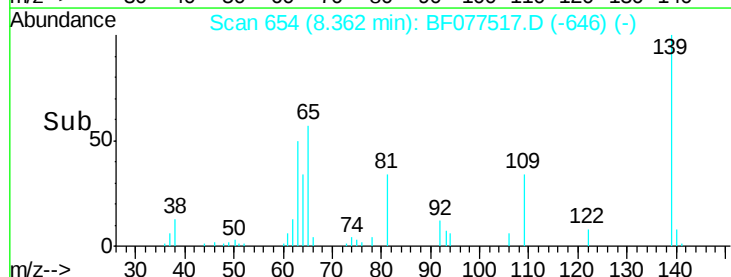
65 60.1 36.4 54.6#

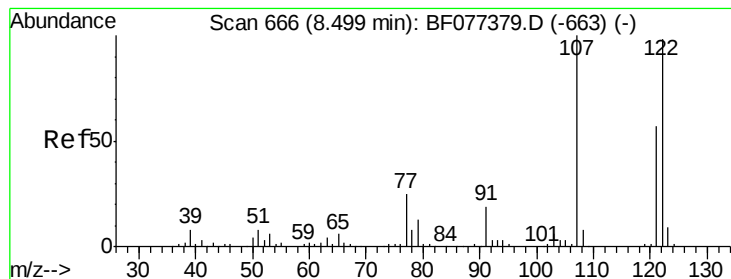


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

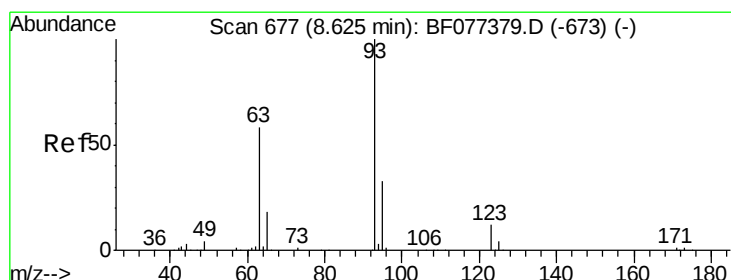
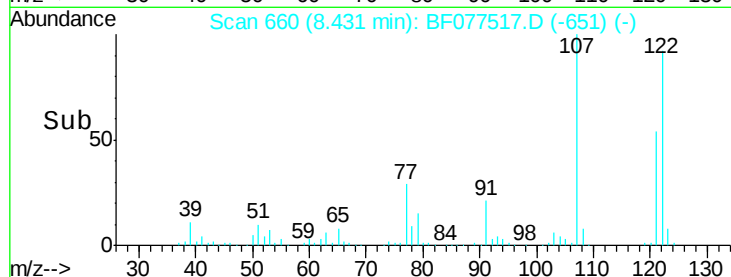
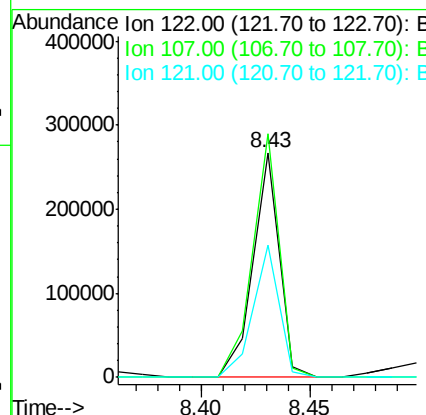
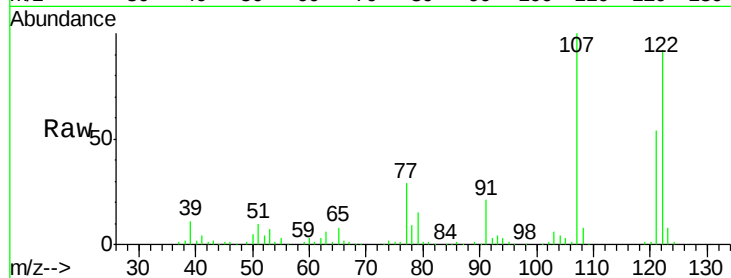




#27  
 2,4-Dimethylphenol  
 Concen: 37.39 ng  
 RT: 8.43 min Scan# 660  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

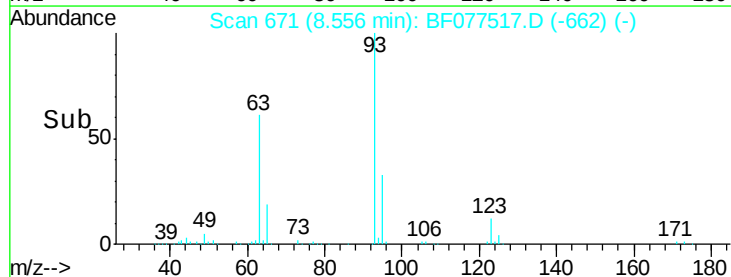
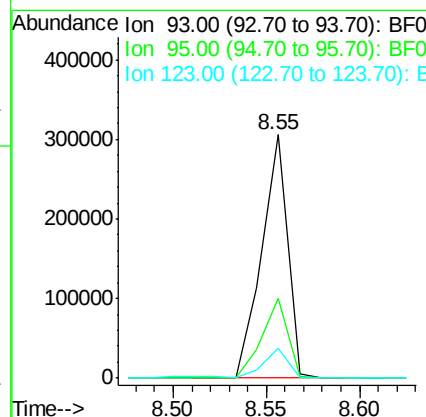
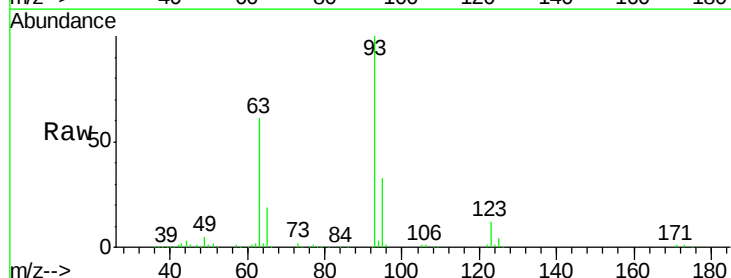
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20MS

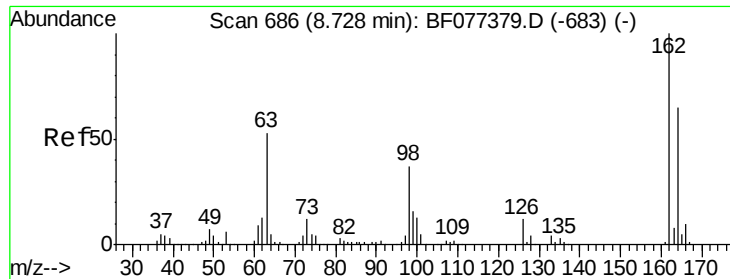
Tot Ion:122 Resp: 224871  
 Ion Ratio Lower Upper  
 122 100  
 107 108.2 86.6 130.0  
 121 58.6 47.4 71.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.26 ng  
 RT: 8.55 min Scan# 671  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

Tgt Ion: 93 Resp: 291107  
 Ion Ratio Lower Upper  
 93 100  
 95 32.7 26.4 39.6  
 123 12.0 8.7 13.1

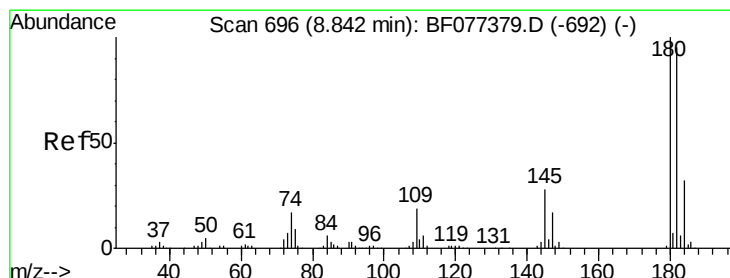
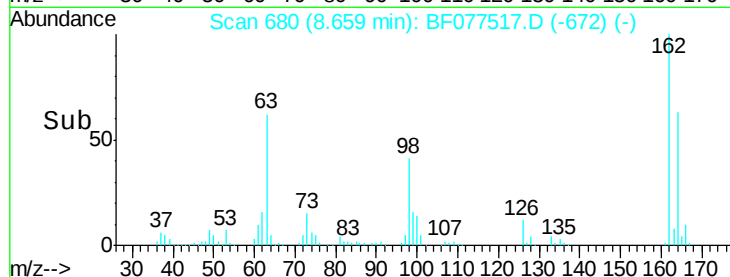
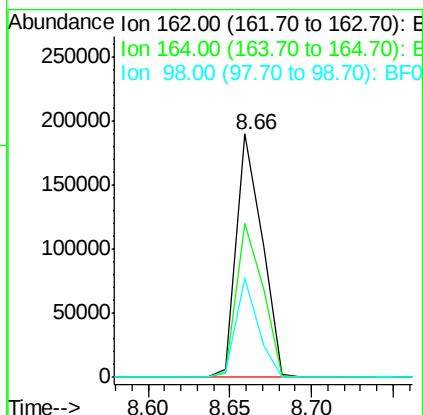
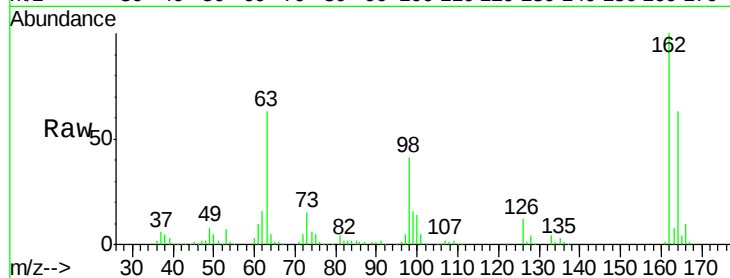




#29  
 2,4-Dichlorophenol  
 Concen: 36.55 ng  
 RT: 8.66 min Scan# 680  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

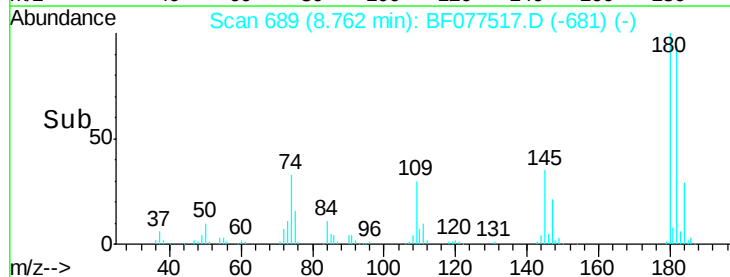
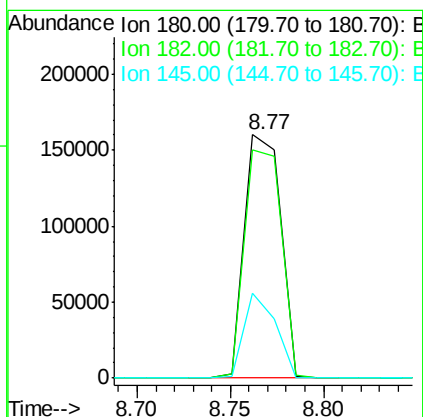
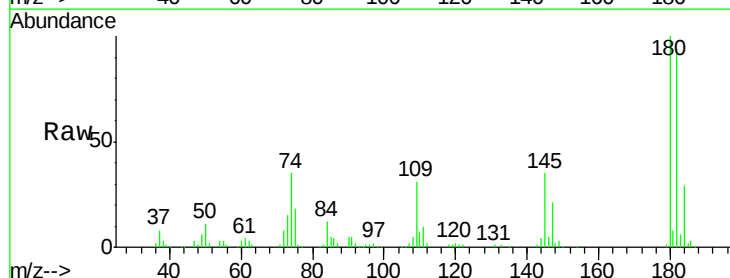
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20MS

Tot Ion:162 Resp: 206324  
 Ion Ratio Lower Upper  
 162 100  
 164 63.4 46.4 86.4  
 98 40.8 6.9 46.9



#30  
 1,2,4-Trichlorobenzene  
 Concen: 34.80 ng  
 RT: 8.77 min Scan# 689  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

Tgt Ion:180 Resp: 215965  
 Ion Ratio Lower Upper  
 180 100  
 182 93.7 76.2 114.4  
 145 35.0 24.5 36.7

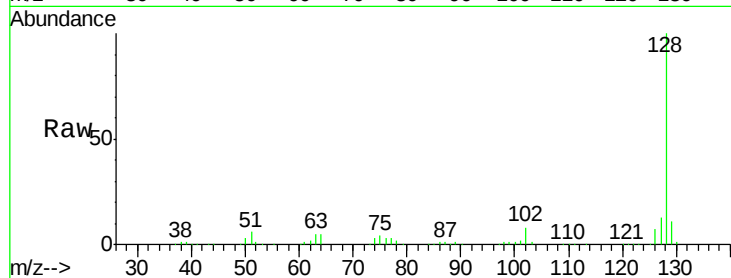




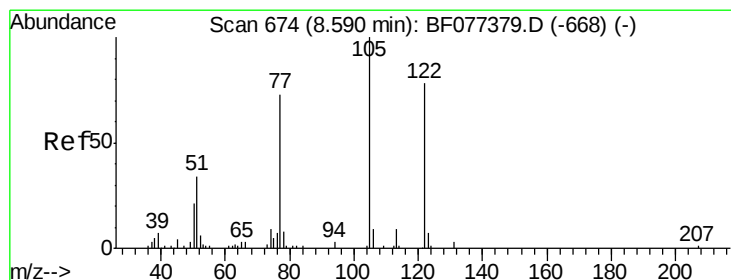
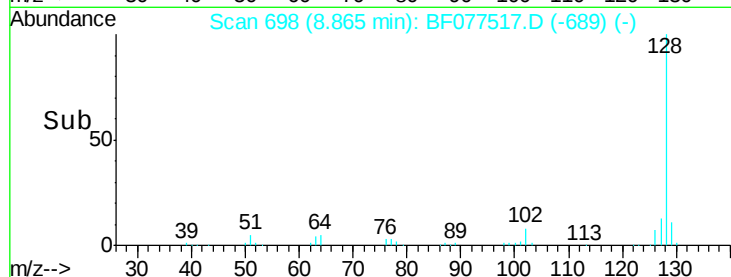
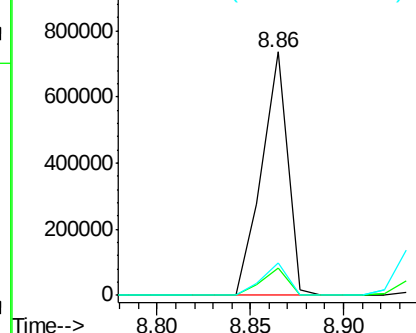
#31  
Naphthalene  
Concen: 36.56 ng  
RT: 8.86 min Scan# 698  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

Tot Ion:128 Resp: 708760  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.4 14.0  
127 13.2 10.6 15.8

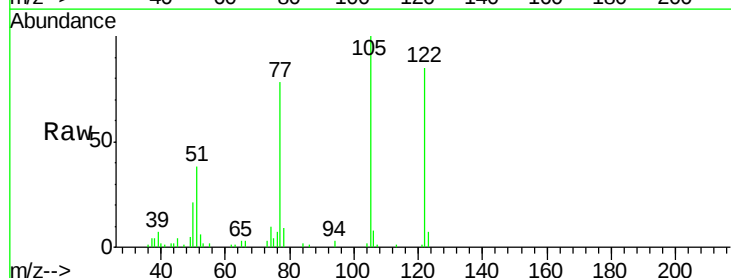


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

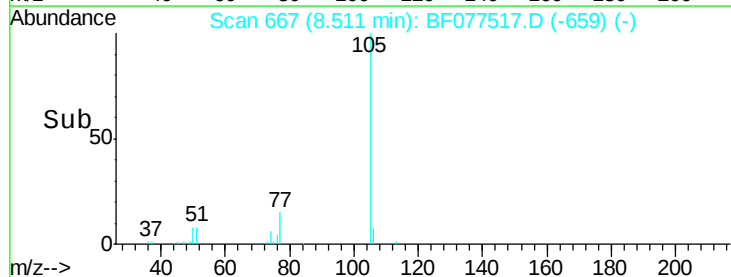
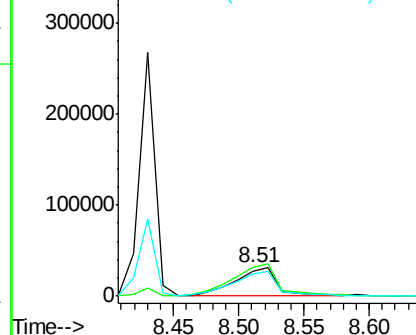


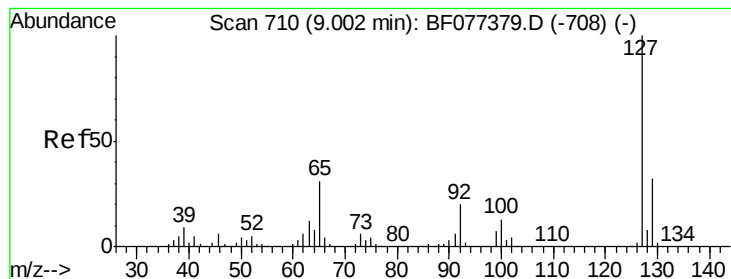
#32  
Benzoic acid  
Concen: 22.30 ng  
RT: 8.51 min Scan# 667  
Delta R.T. -0.01 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Tgt Ion:122 Resp: 65171  
Ion Ratio Lower Upper  
122 100  
105 117.9 100.3 140.3  
77 92.2 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: 13.68 ng

RT: 8.93 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampled :

1121-20MS

Tot Ion:127 Resp: 117884

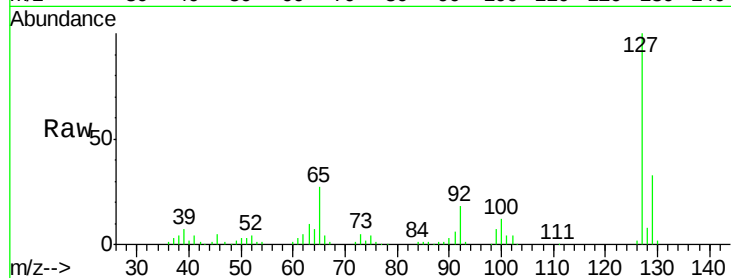
Ion Ratio Lower Upper

127 100

129 33.2 26.9 40.3

65 27.3 16.7 25.1#

92 18.1 12.5 18.7

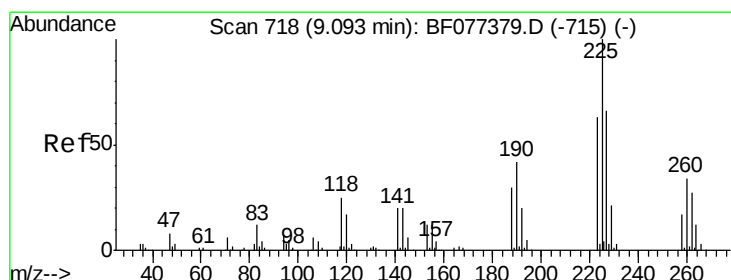
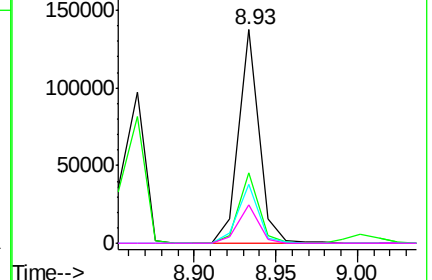
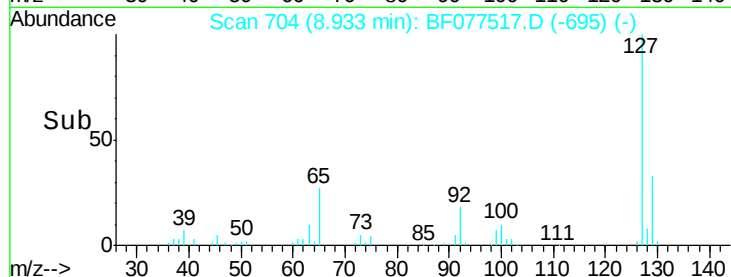


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.73 ng

RT: 9.02 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

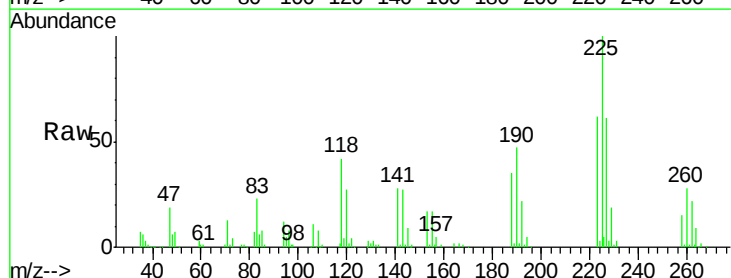
Tgt Ion:225 Resp: 126604

Ion Ratio Lower Upper

225 100

223 61.5 49.5 74.3

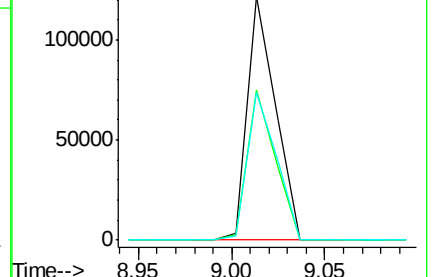
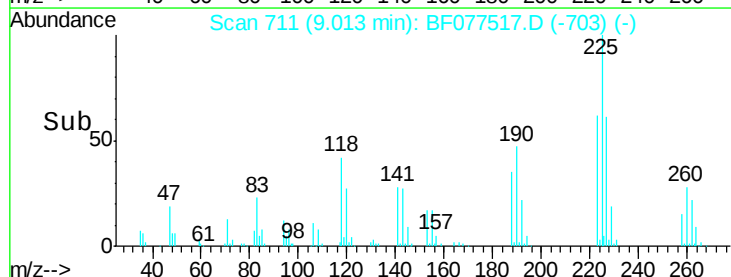
227 60.9 50.5 75.7

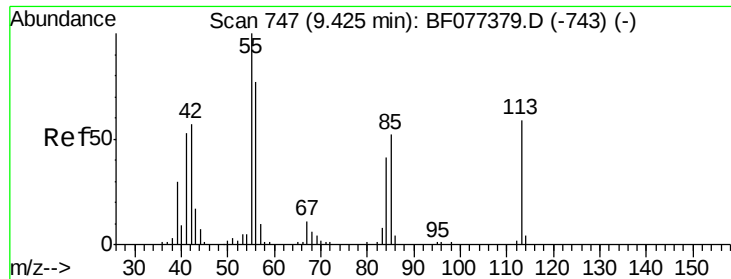


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.72 ng

RT: 9.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

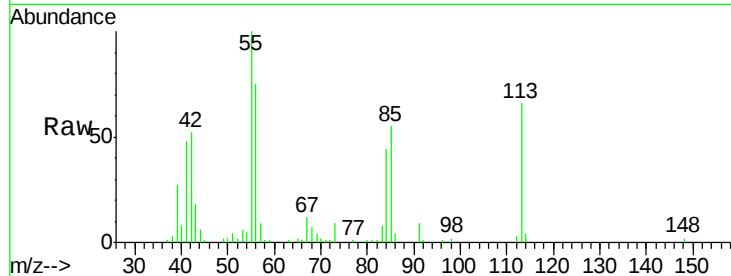
Tot Ion:113 Resp: 63279

Ion Ratio Lower Upper

113 100

55 151.1 154.6 194.6#

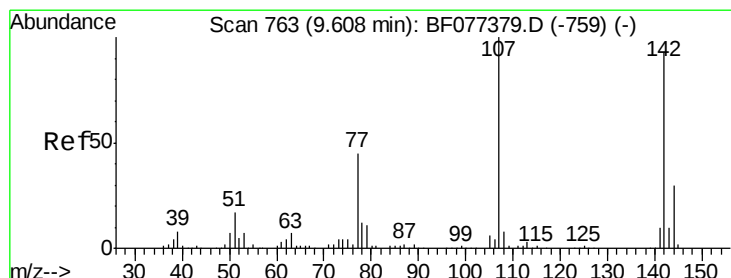
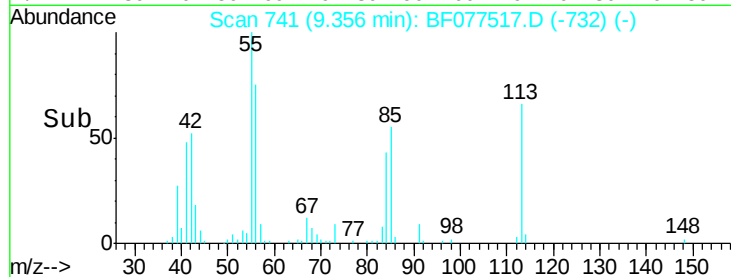
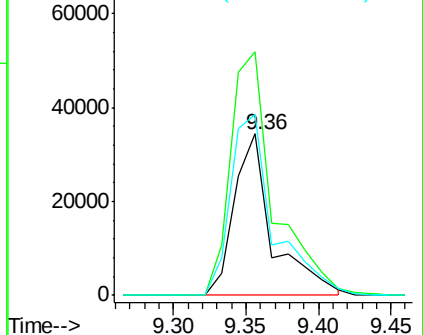
56 112.6 114.0 154.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.80 ng

RT: 9.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

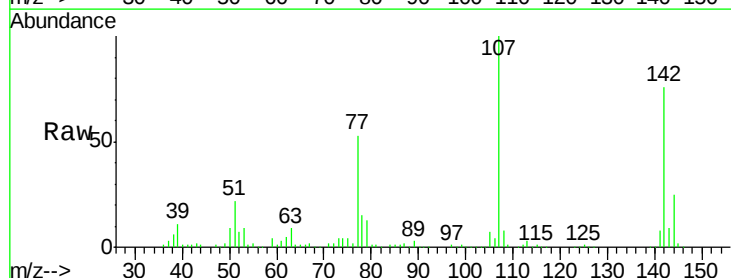
Tgt Ion:107 Resp: 214538

Ion Ratio Lower Upper

107 100

144 25.1 21.1 31.7

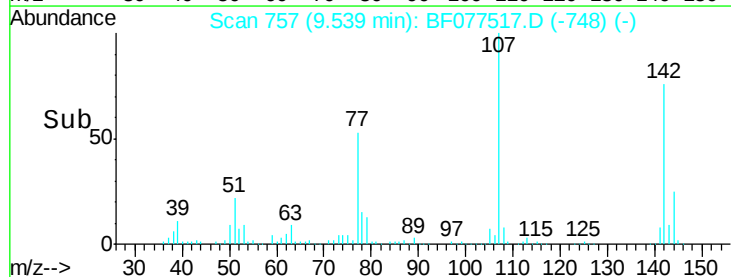
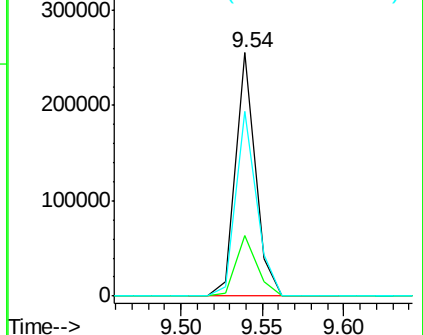
142 75.9 65.3 97.9

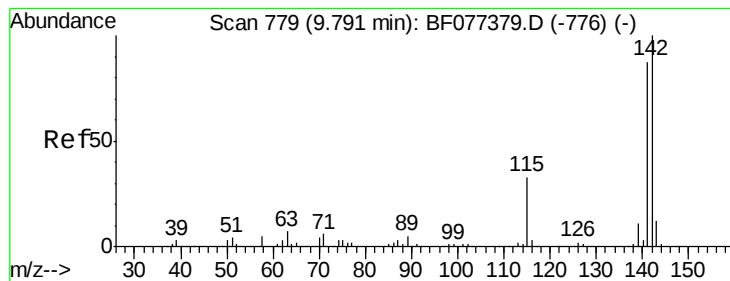


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.10 ng

RT: 9.72 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

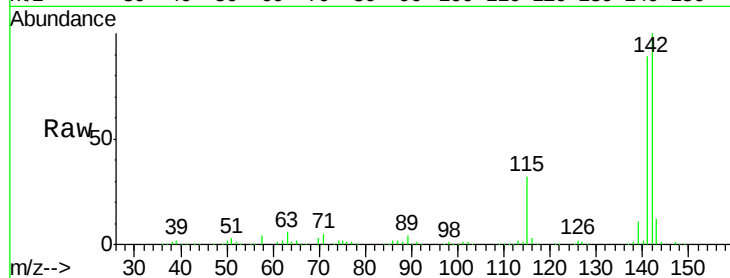
Tot Ion:142 Resp: 510678

Ion Ratio Lower Upper

142 100

141 89.0 70.7 106.1

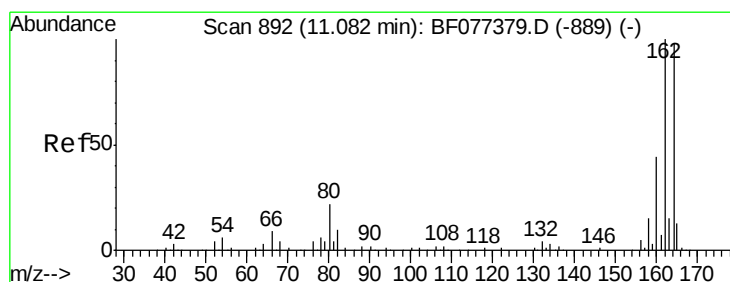
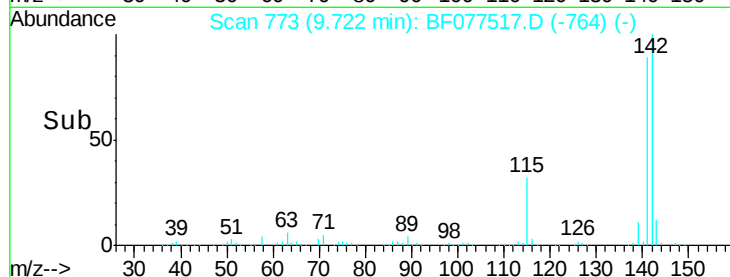
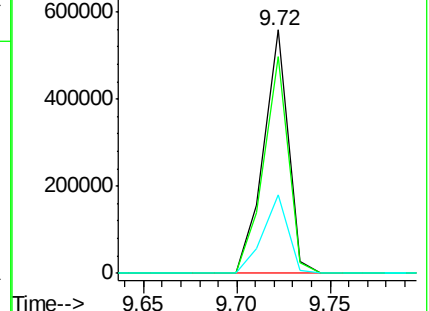
115 32.2 24.2 36.4



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: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

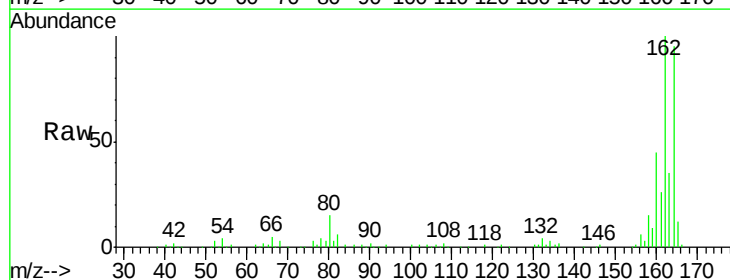
Tgt Ion:164 Resp: 203818

Ion Ratio Lower Upper

164 100

162 105.8 83.2 124.8

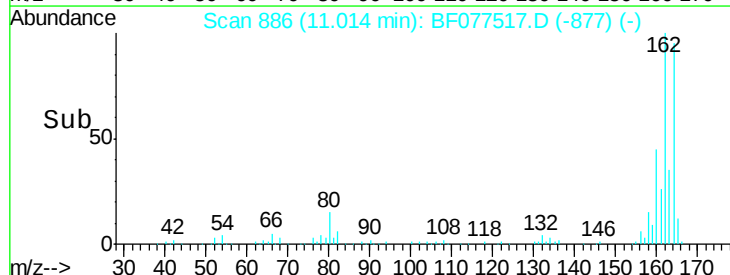
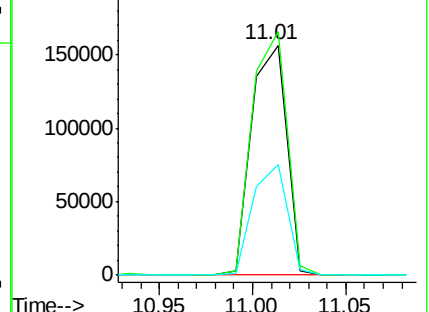
160 47.8 34.6 52.0



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: 38.51 ng

RT: 9.93 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

Tot Ion:216 Resp: 225231

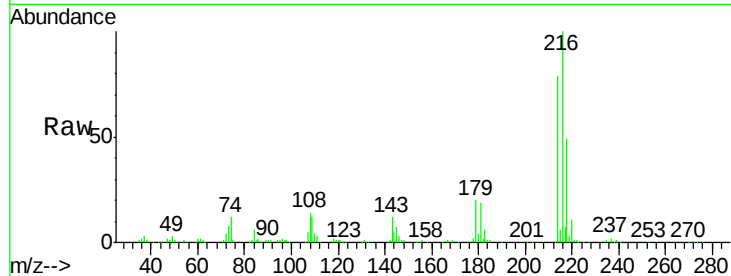
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 21.0 16.6 25.0

108 20.6 14.2 21.4

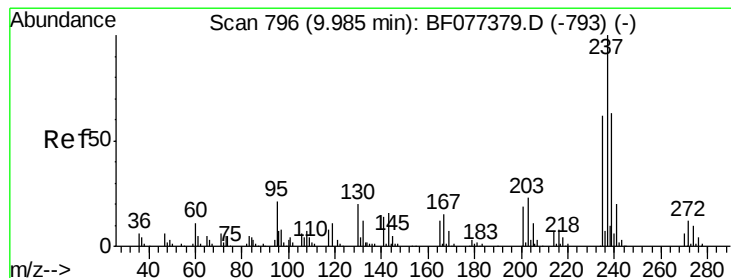
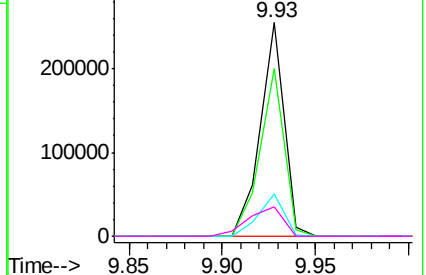
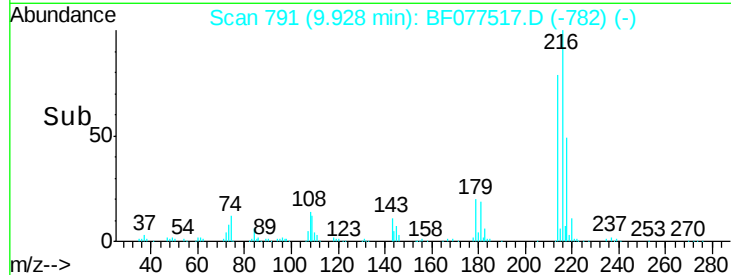


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.64 ng

RT: 9.91 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

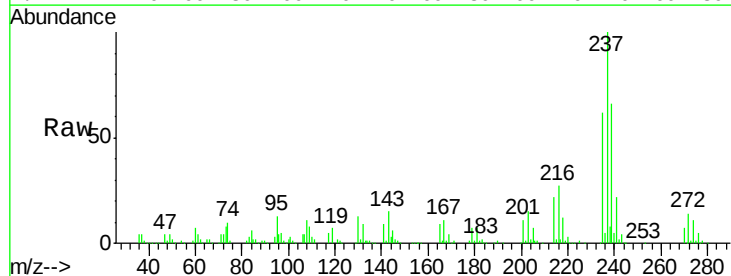
Tgt Ion:237 Resp: 227786

Ion Ratio Lower Upper

237 100

235 62.0 41.0 81.0

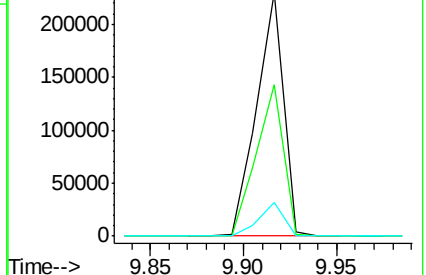
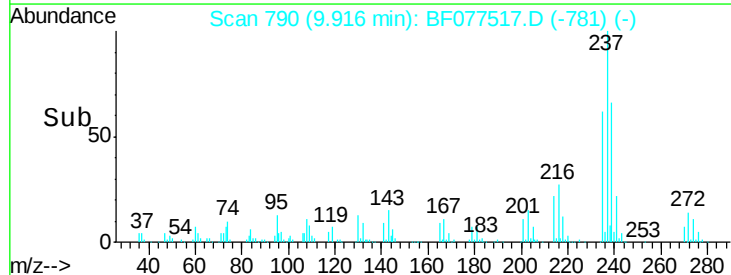
272 14.0 0.0 34.3

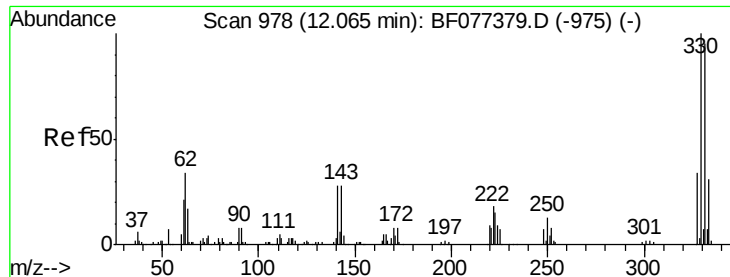


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

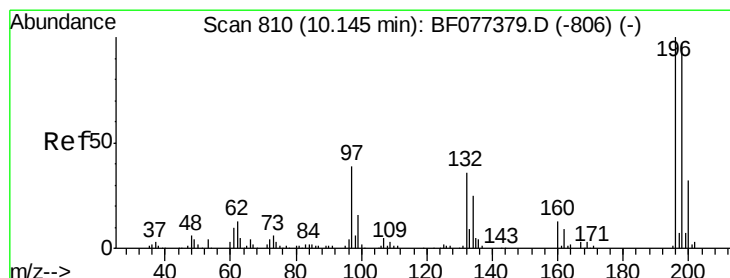
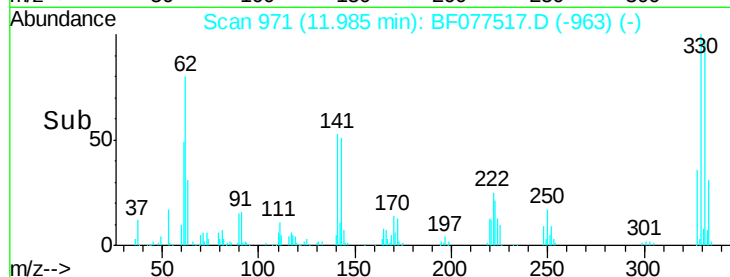
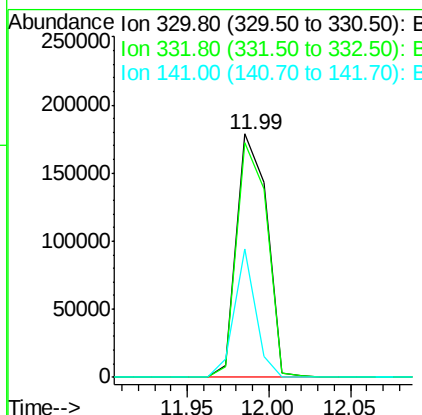
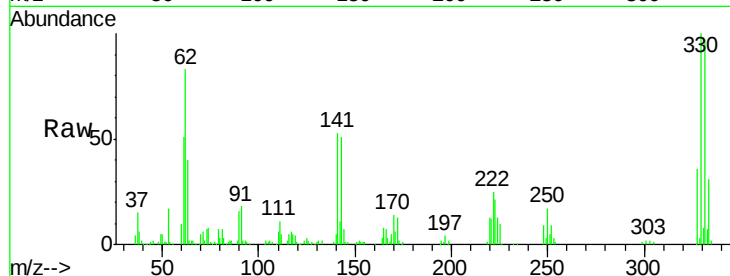




#41  
 2,4,6-Tribromophenol  
 Concen: 117.55 ng  
 RT: 11.99 min Scan# 971  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

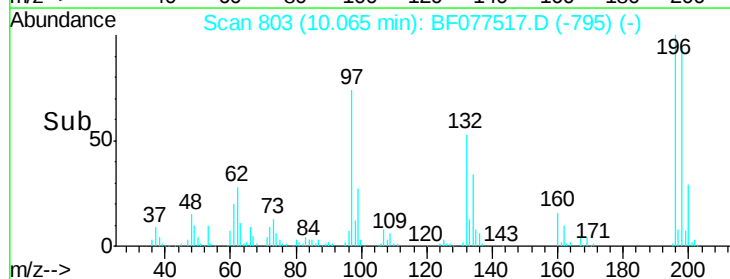
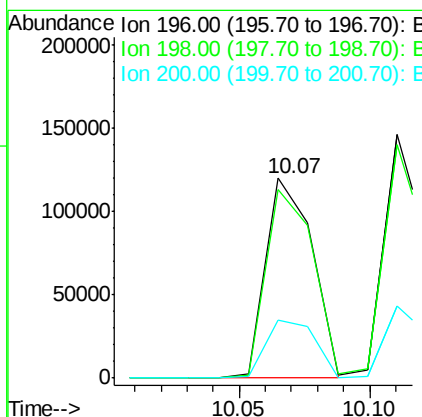
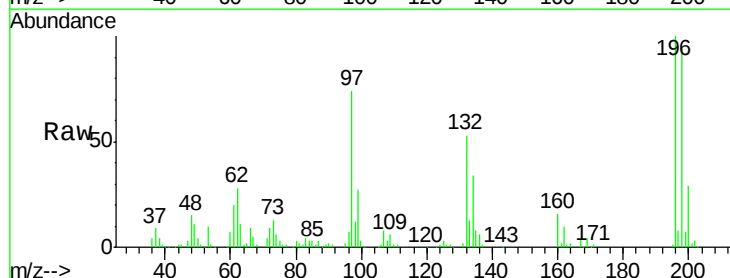
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.6  | 77.4  | 116.2 |
| 141     | 37.3  | 28.8  | 43.2  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 38.58 ng  
 RT: 10.07 min Scan# 803  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.0  | 75.8  | 113.8 |
| 200     | 28.9  | 24.2  | 36.4  |

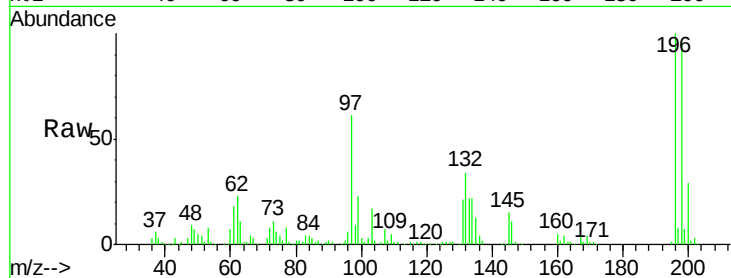




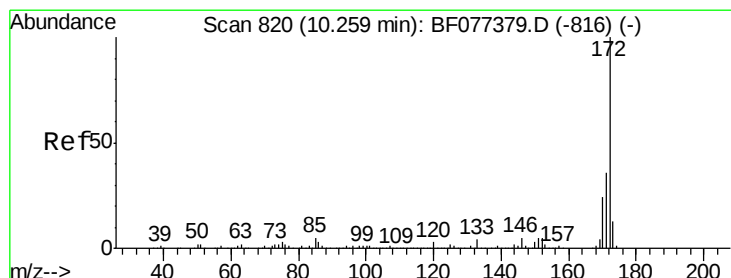
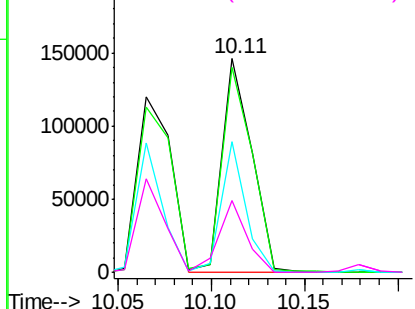
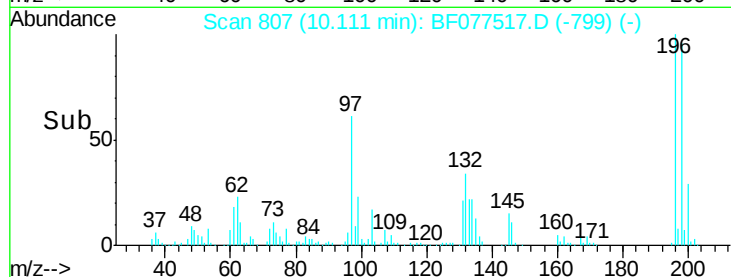
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.91 ng  
 RT: 10.11 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20MS

Tot Ion:196 Resp: 161128  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 77.2 115.8  
 97 60.9 27.7 41.5#  
 132 33.6 18.0 27.0#

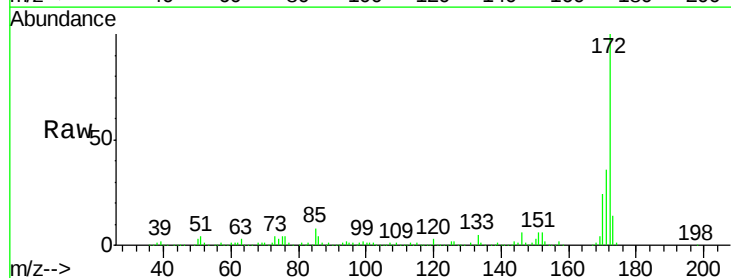


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

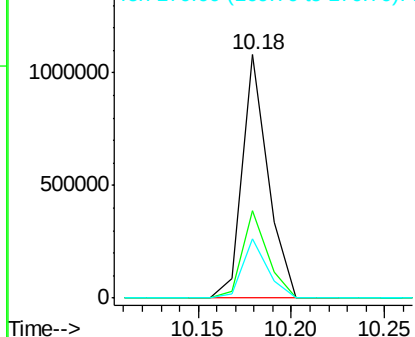
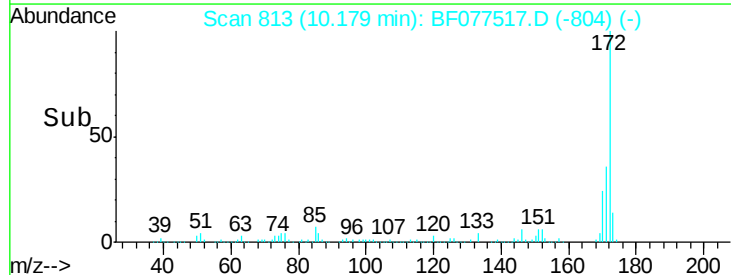


#44  
 2-Fluorobiphenyl  
 Concen: 79.05 ng  
 RT: 10.18 min Scan# 813  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

Tgt Ion:172 Resp: 1033286  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 28.9 43.3  
 170 24.2 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: 39.01 ng

RT: 10.30 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

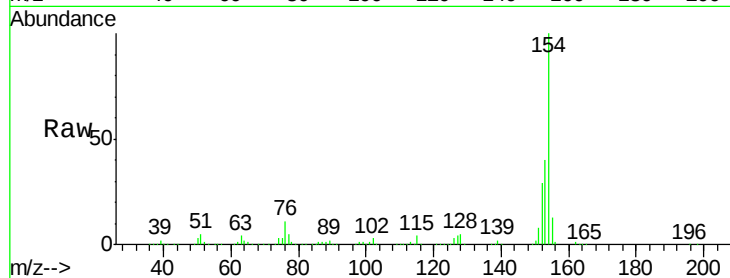
Tot Ion:154 Resp: 602389

Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

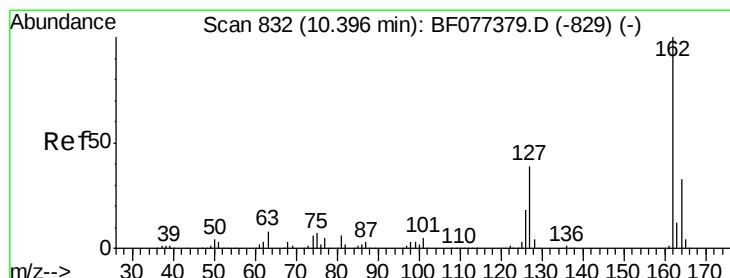
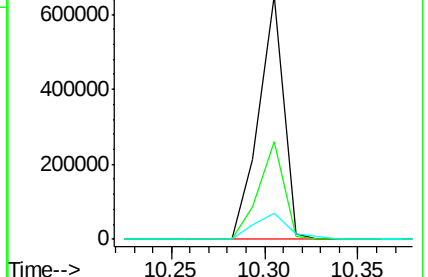
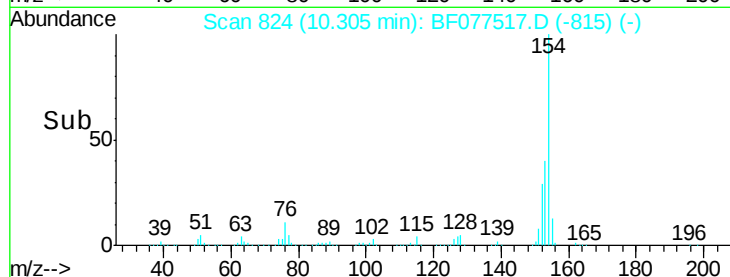
76 10.7 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.08 ng

RT: 10.32 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

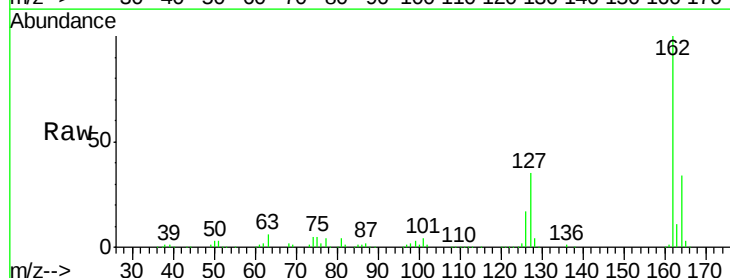
Tgt Ion:162 Resp: 461113

Ion Ratio Lower Upper

162 100

127 34.8 33.3 49.9

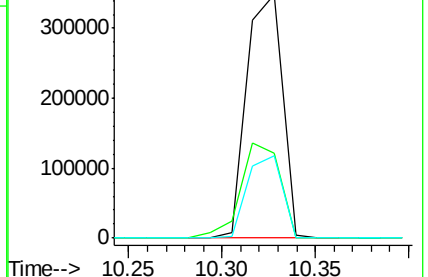
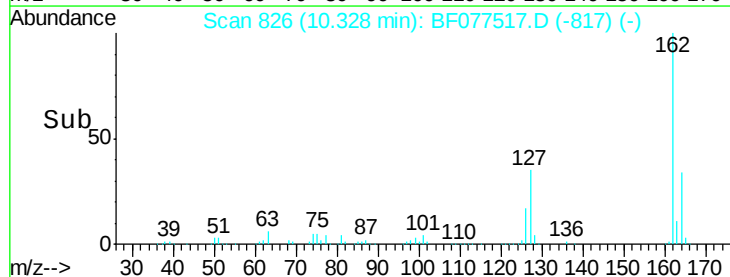
164 33.6 26.2 39.4

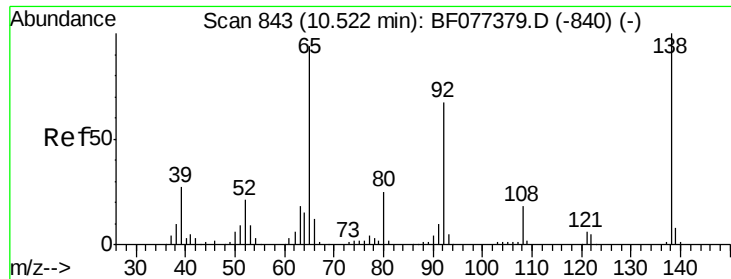


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

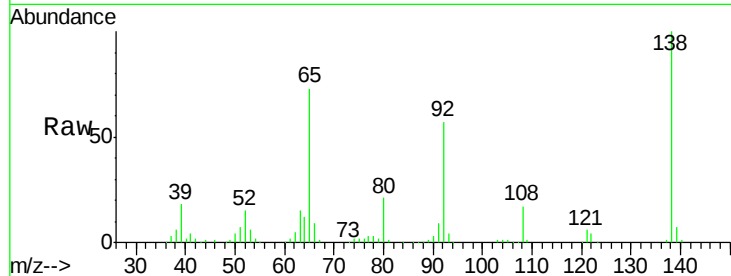




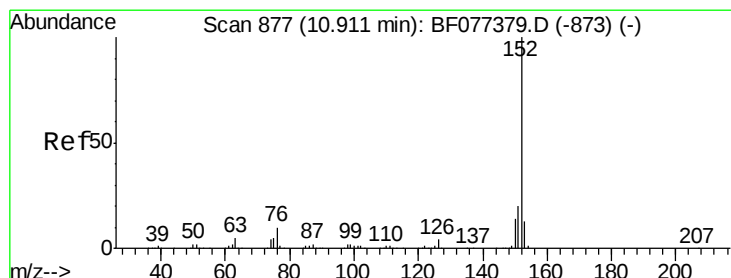
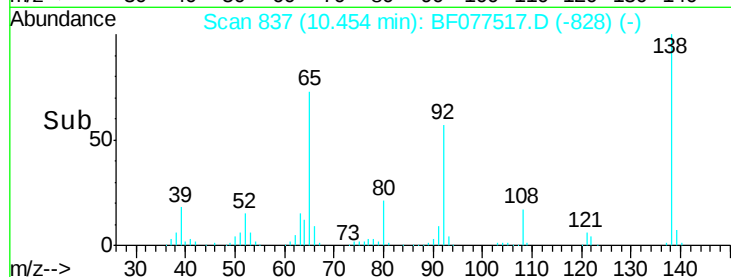
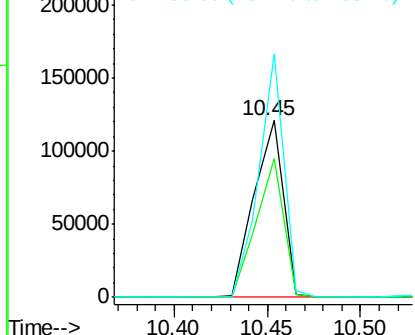
#47  
2-Nitroaniline  
Concen: 44.10 ng  
RT: 10.45 min Scan# 837  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

Tot Ion: 65 Resp: 131469  
Ion Ratio Lower Upper  
65 100  
92 78.2 52.4 78.6  
138 137.7 73.4 110.0#

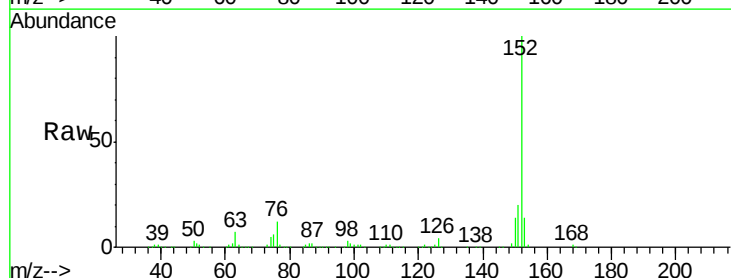


Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): E

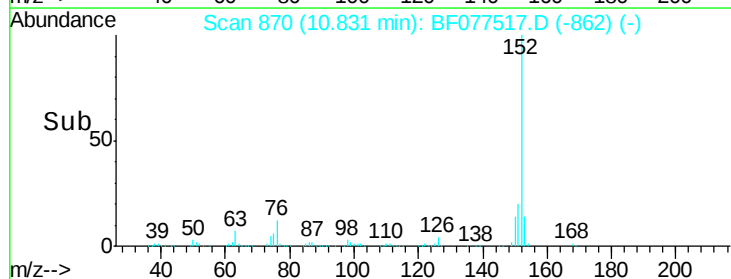
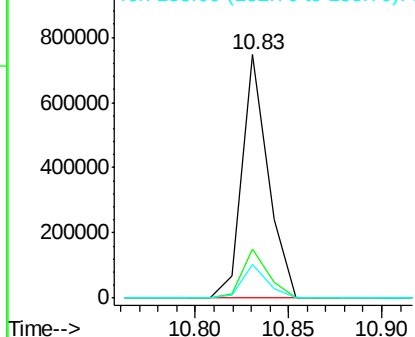


#48  
Acenaphthylene  
Concen: 37.86 ng  
RT: 10.83 min Scan# 870  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Tgt Ion:152 Resp: 725841  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.1 24.1  
153 13.8 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

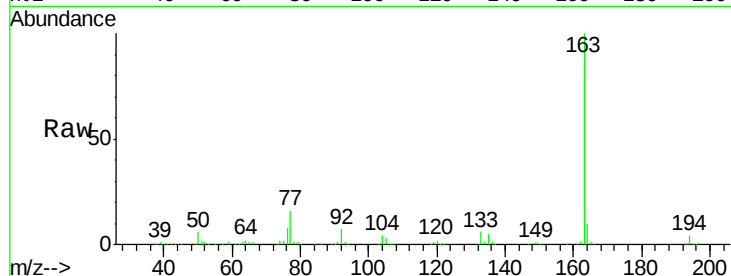




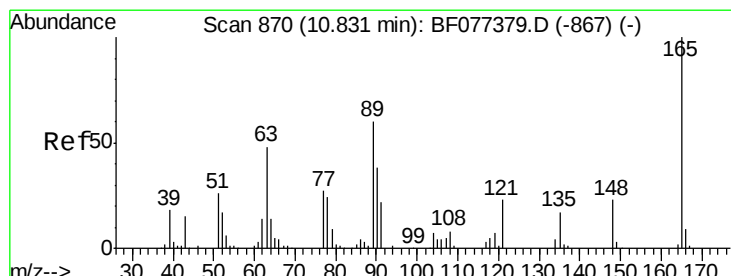
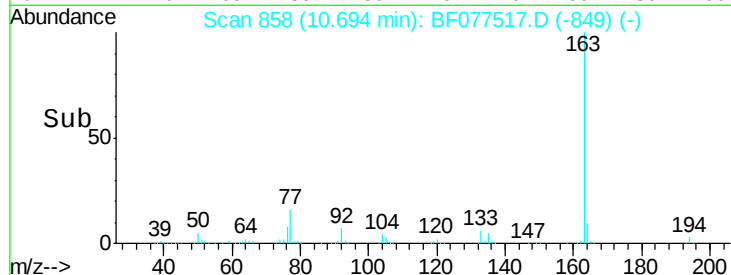
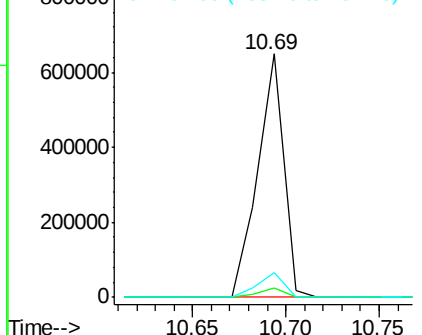
#49  
Dimethylphthalate  
Concen: 43.61 ng  
RT: 10.69 min Scan# 858  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

Tot Ion:163 Resp: 624789  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.6 4.0  
164 10.0 8.6 13.0

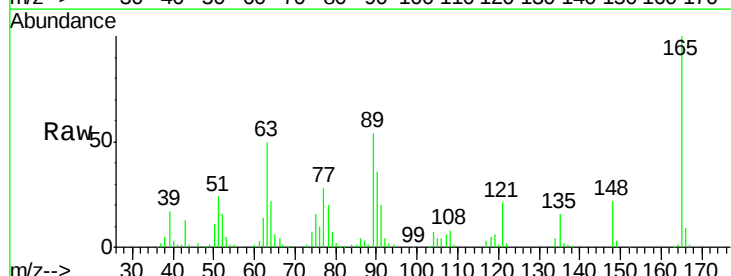


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

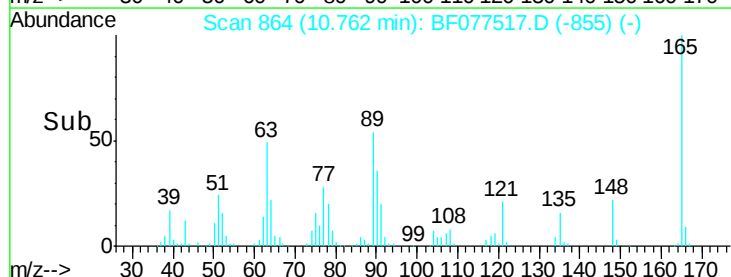
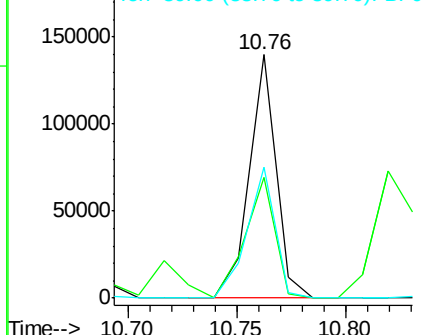


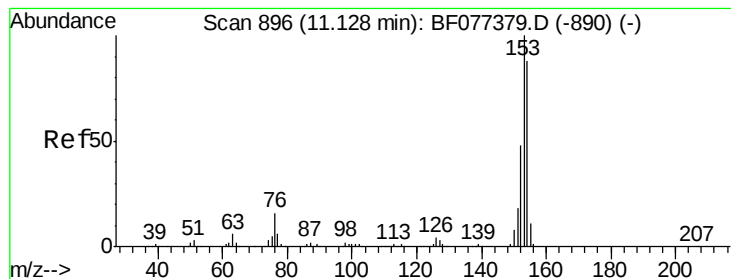
#50  
2,6-Dinitrotoluene  
Concen: 41.82 ng  
RT: 10.76 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Tgt Ion:165 Resp: 120157  
Ion Ratio Lower Upper  
165 100  
63 49.7 25.2 37.8#  
89 53.7 30.5 45.7#



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





#51

Acenaphthene

Concen: 37.83 ng

RT: 11.05 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

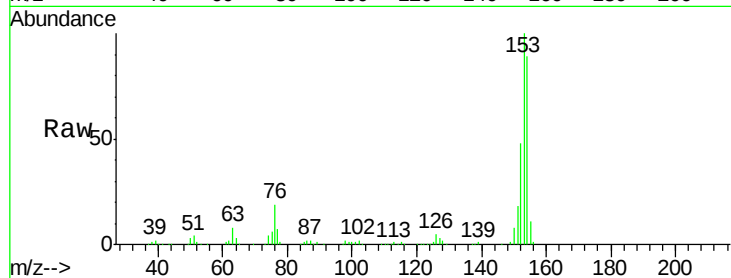
Tot Ion:154 Resp: 432759

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

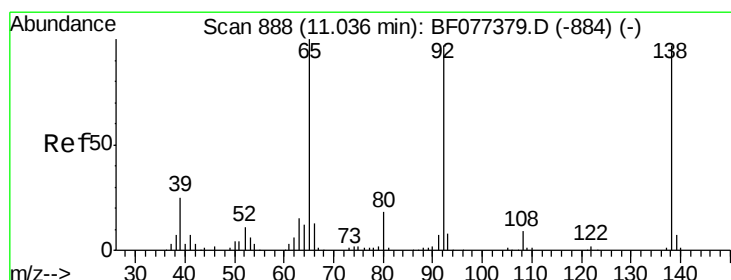
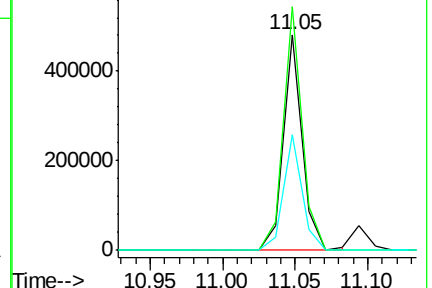
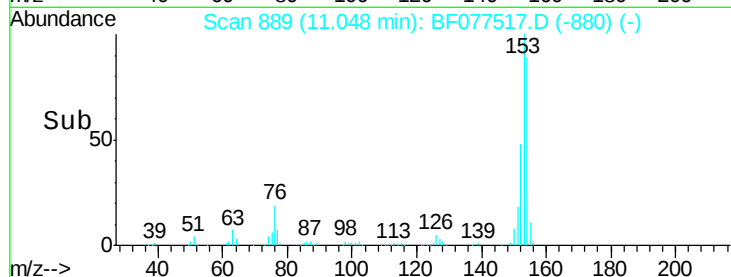
152 53.6 43.5 65.3



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: 21.99 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

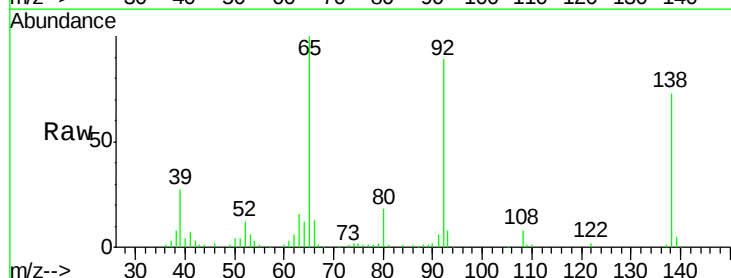
Tgt Ion:138 Resp: 72841

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.8

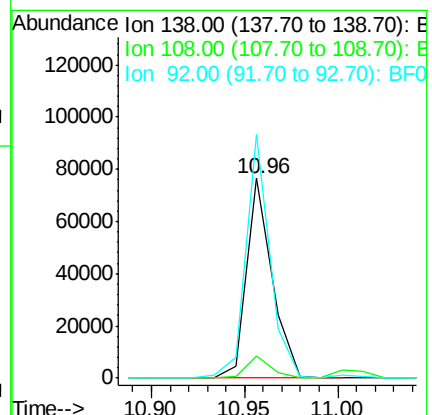
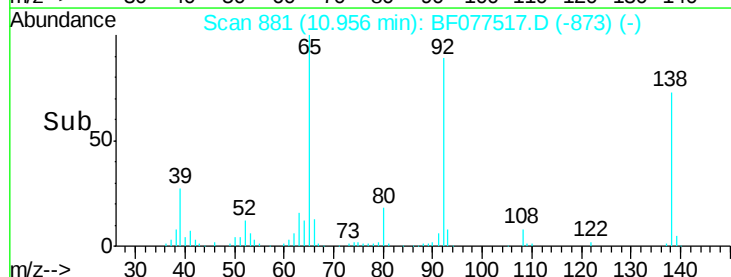
92 121.7 90.6 135.8

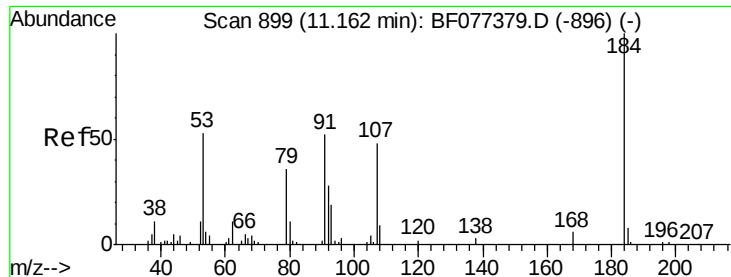


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

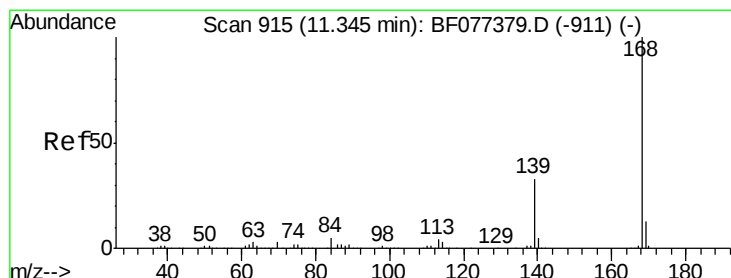
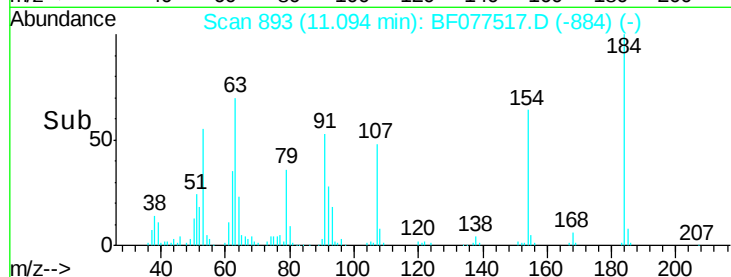
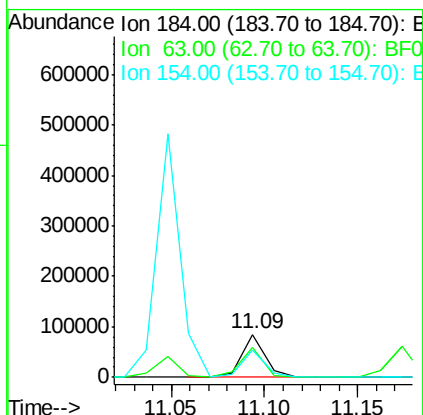
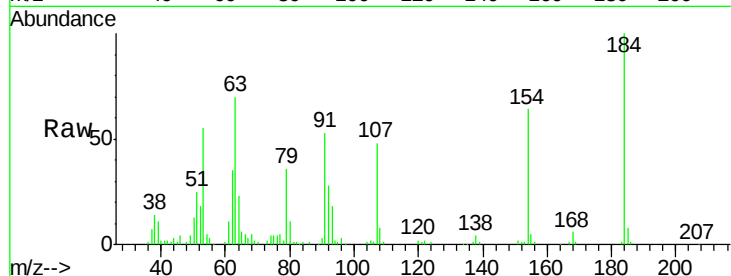




#53  
2,4-Dinitrophenol  
Concen: 84.57 ng  
RT: 11.09 min Scan# 893  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

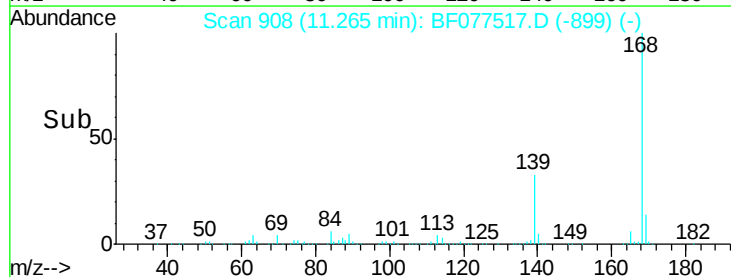
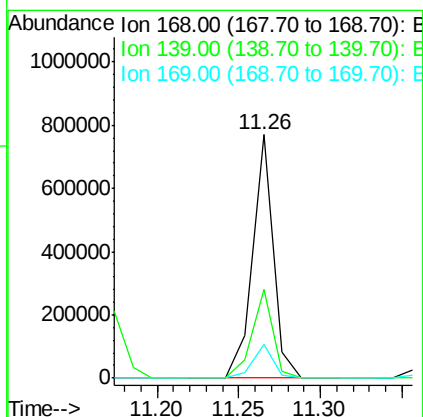
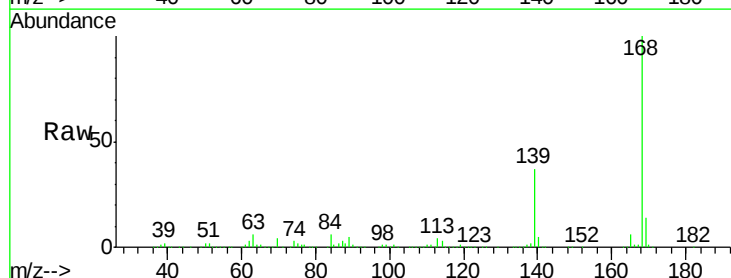
Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

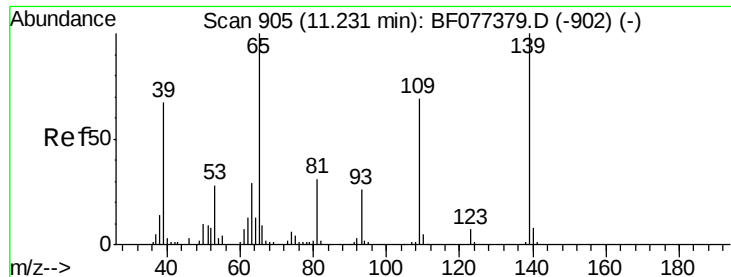
Tot Ion:184 Resp: 73935  
Ion Ratio Lower Upper  
184 100  
63 70.2 29.5 44.3#  
154 64.2 43.2 64.8



#54  
Dibenzofuran  
Concen: 38.45 ng  
RT: 11.26 min Scan# 908  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Tgt Ion:168 Resp: 679261  
Ion Ratio Lower Upper  
168 100  
139 36.7 29.3 43.9  
169 13.8 10.9 16.3

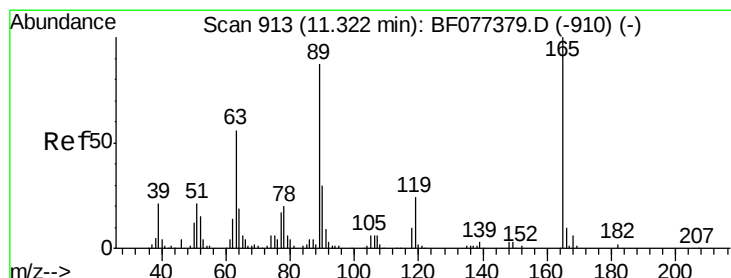
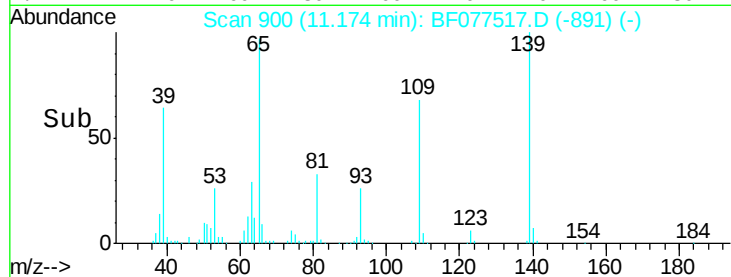
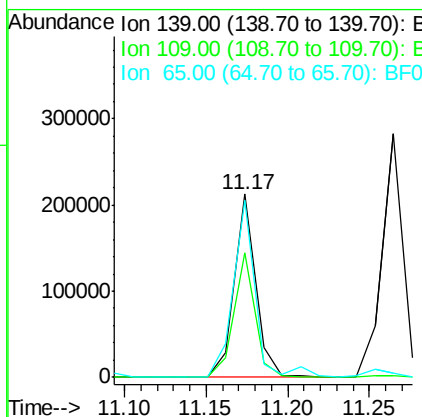
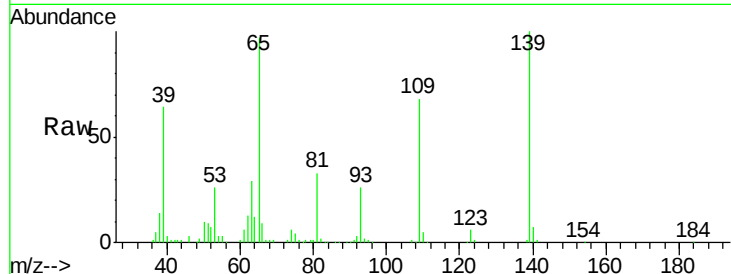




#55  
4-Nitrophenol  
Concen: 72.37 ng  
RT: 11.17 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

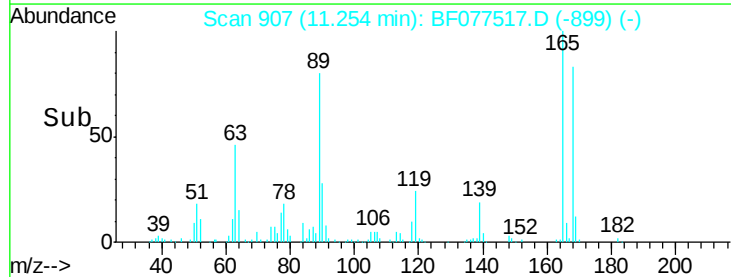
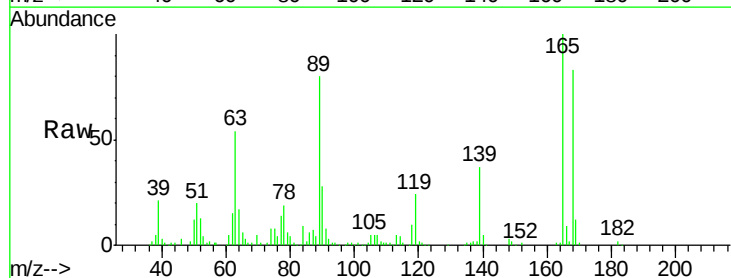
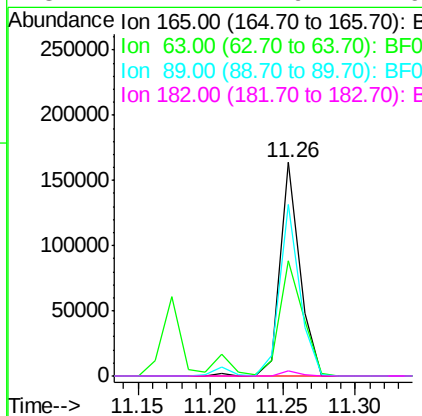
Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

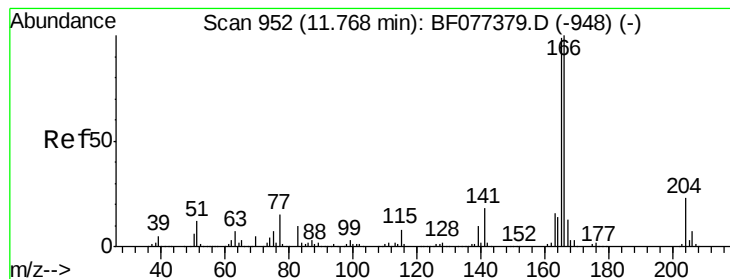
Tot Ion:139 Resp: 192817  
Ion Ratio Lower Upper  
139 100  
109 68.1 36.2 76.2  
65 96.9 40.3 80.3#



#56  
2,4-Dinitrotoluene  
Concen: 39.97 ng  
RT: 11.26 min Scan# 907  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Tgt Ion:165 Resp: 155166  
Ion Ratio Lower Upper  
165 100  
63 53.7 29.8 44.8#  
89 80.3 48.5 72.7#  
182 2.4 1.9 2.9





#57

Fluorene

Concen: 38.78 ng

RT: 11.69 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

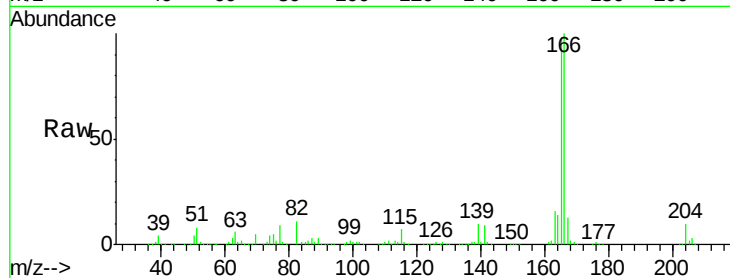
Tot Ion:166 Resp: 547593

Ion Ratio Lower Upper

166 100

165 98.3 77.6 116.4

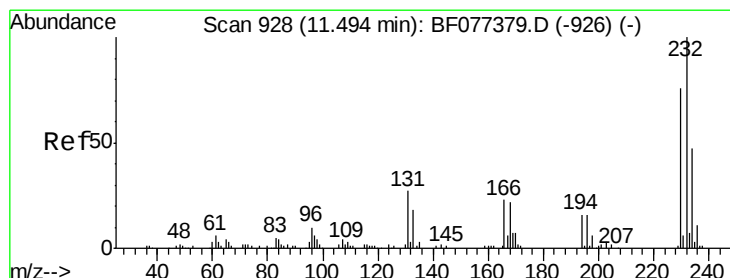
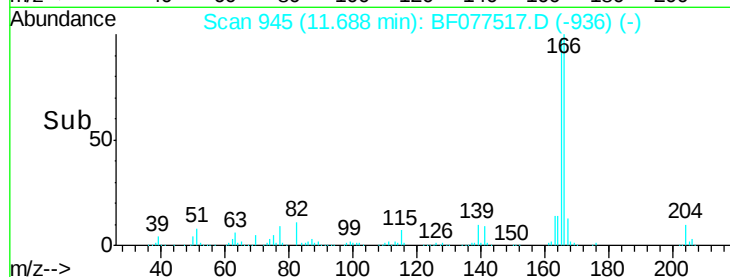
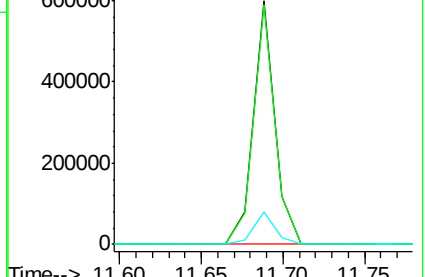
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.05 ng

RT: 11.42 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Tgt Ion:232 Resp: 136678

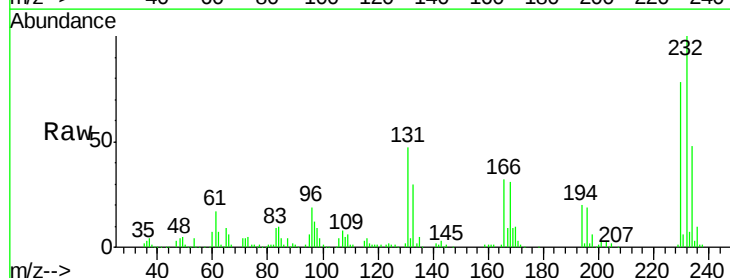
Ion Ratio Lower Upper

232 100

131 45.5 34.2 51.2

130 2.2 1.8 2.6

166 31.5 24.3 36.5

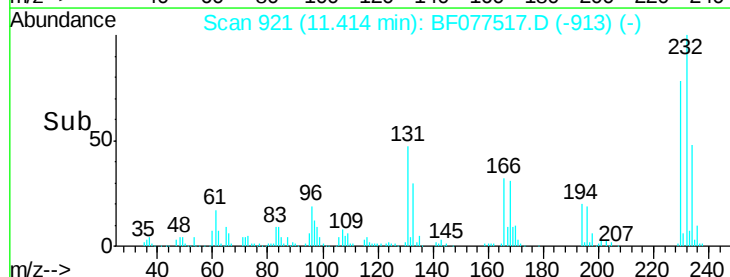
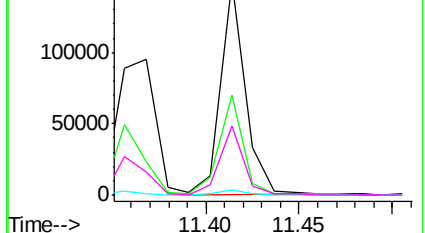


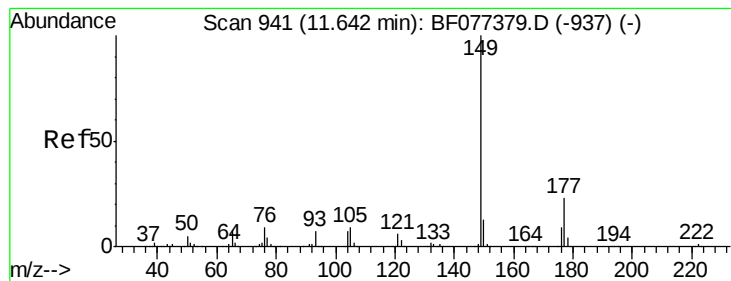
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.18 ng

RT: 11.57 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

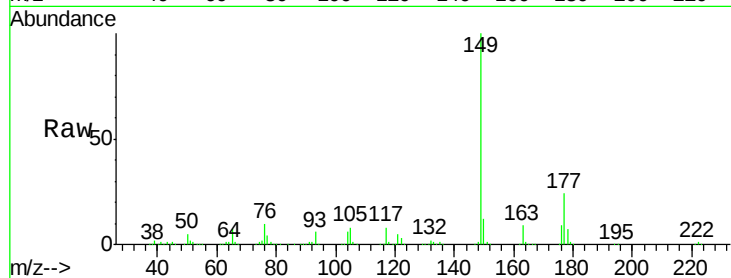
Tot Ion:149 Resp: 581669

Ion Ratio Lower Upper

149 100

177 23.8 17.2 25.8

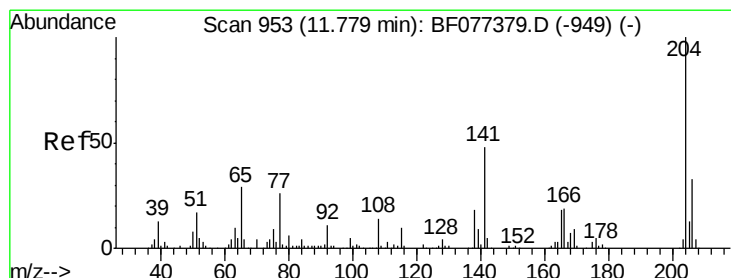
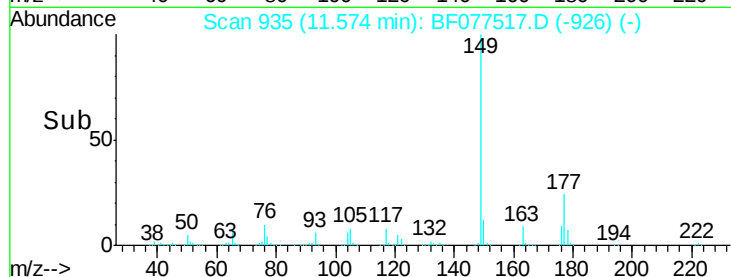
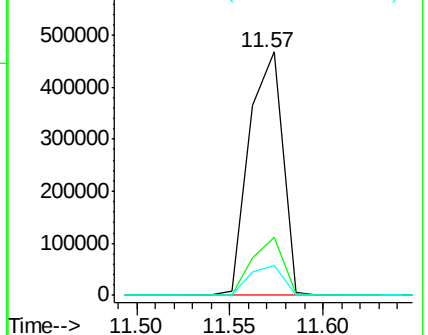
150 12.1 10.5 15.7



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: 38.48 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

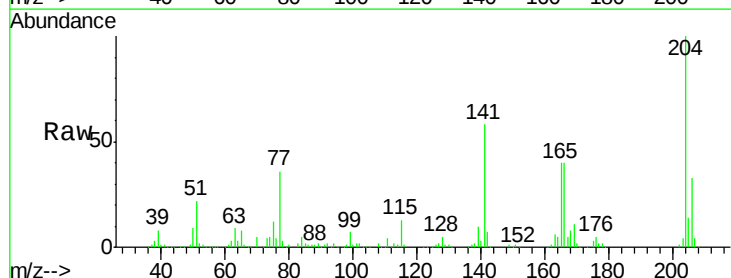
Tgt Ion:204 Resp: 261844

Ion Ratio Lower Upper

204 100

206 32.9 25.9 38.9

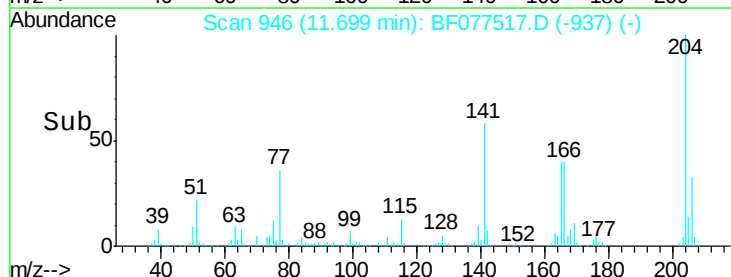
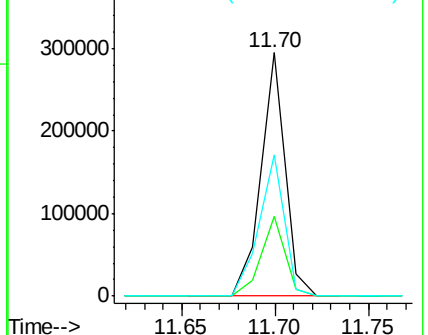
141 58.2 43.6 65.4

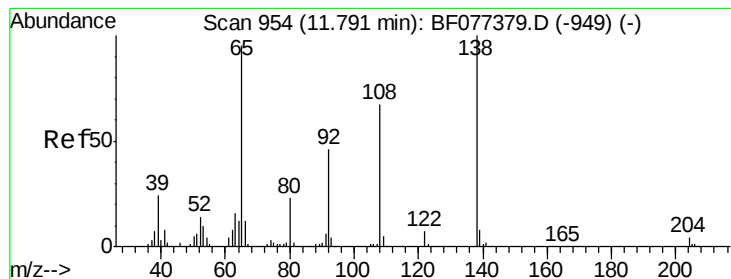


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.59 ng

RT: 11.71 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

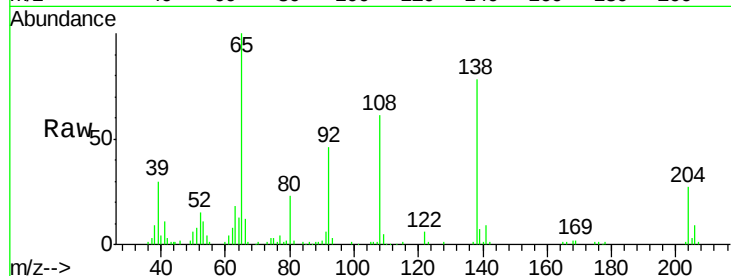
Tot Ion:138 Resp: 119337

Ion Ratio Lower Upper

138 100

92 58.9 32.8 72.8

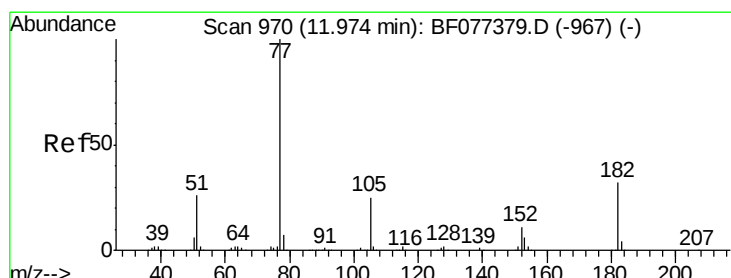
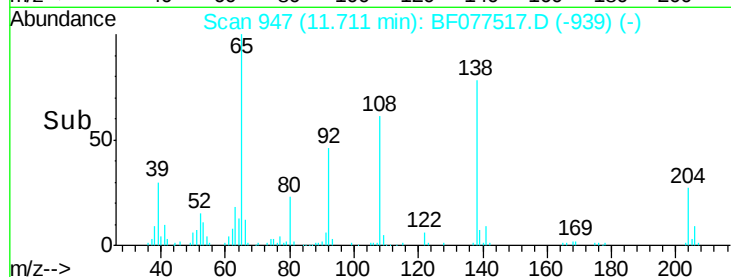
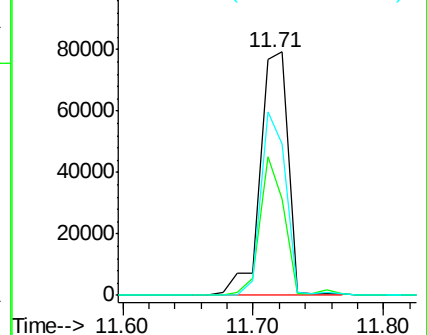
108 77.9 52.1 92.1



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: 41.18 ng

RT: 11.89 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Tgt Ion: 77 Resp: 551864

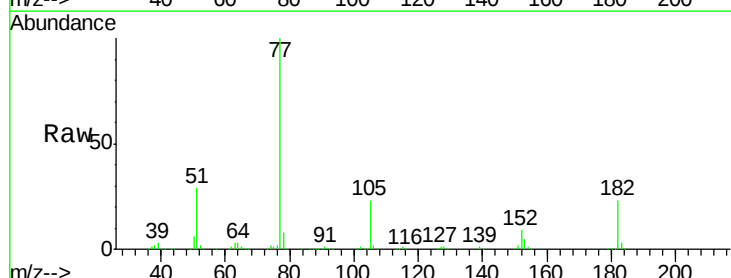
Ion Ratio Lower Upper

77 100

182 23.1 4.9 44.9

105 23.1 3.3 43.3

51 28.6 8.9 48.9

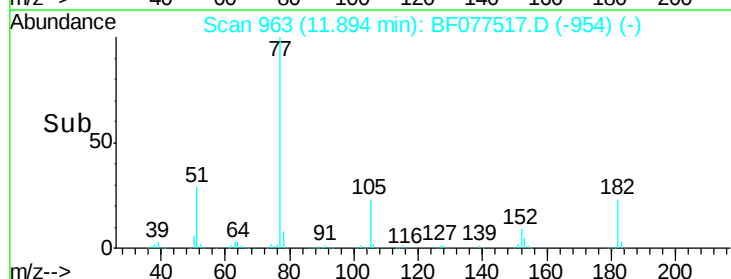
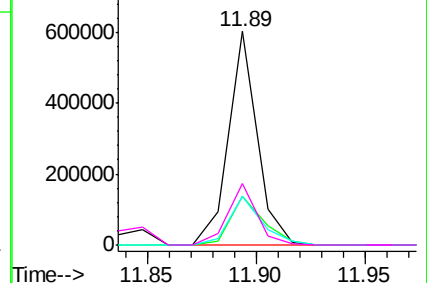


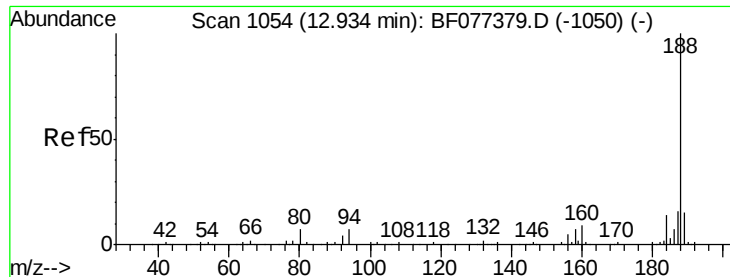
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

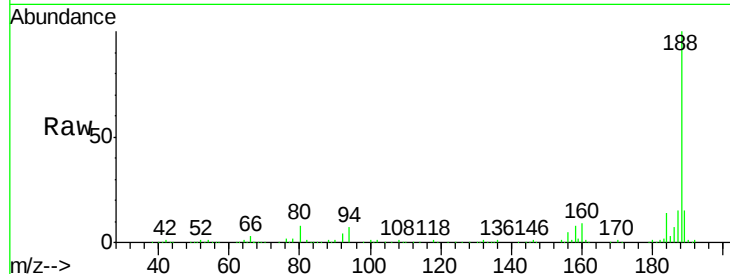




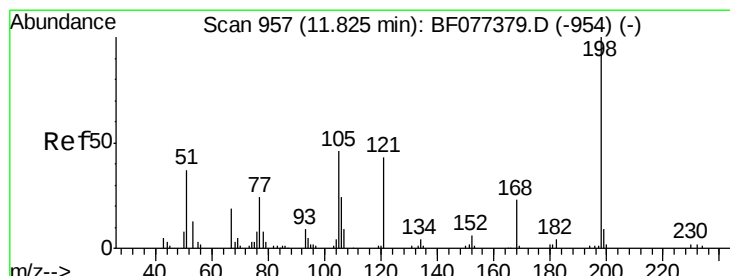
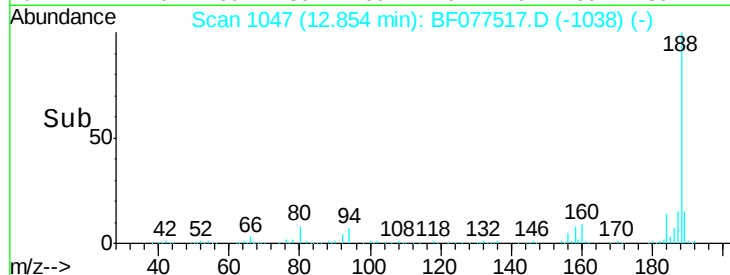
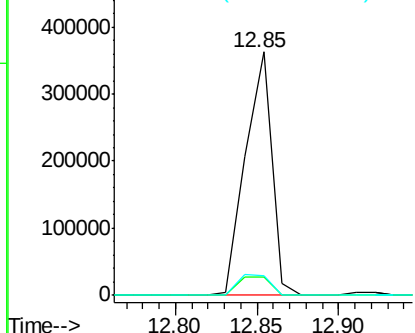
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.85 min Scan# 1047  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

Tot Ion:188 Resp: 406100  
Ion Ratio Lower Upper  
188 100  
94 7.4 7.4 11.2#  
80 8.0 8.0 12.0#

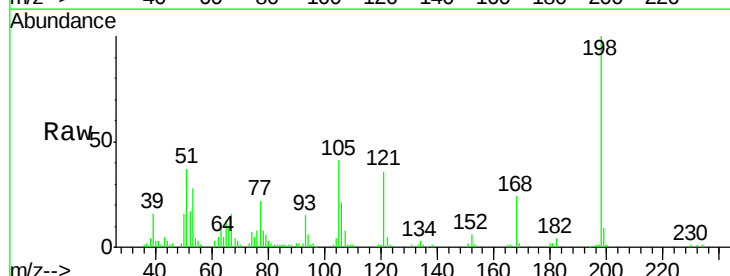


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

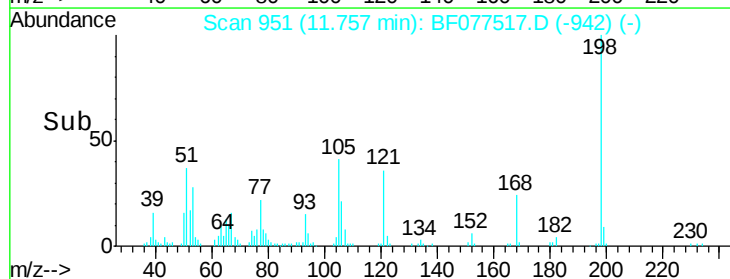
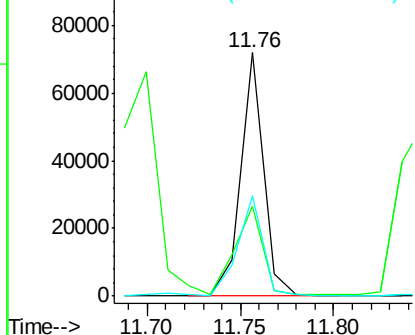


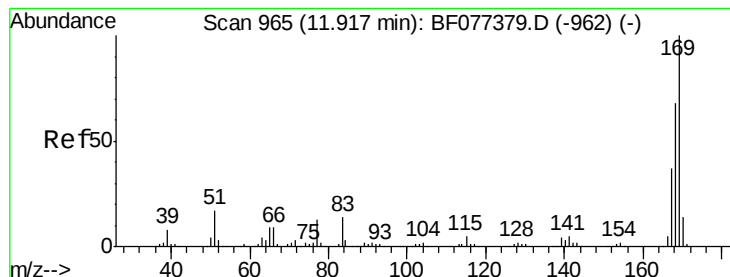
#64  
4,6-Dinitro-2-methylphenol  
Concen: 38.64 ng  
RT: 11.76 min Scan# 951  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Tgt Ion:198 Resp: 61349  
Ion Ratio Lower Upper  
198 100  
51 36.9 2.7 42.7  
105 41.0 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

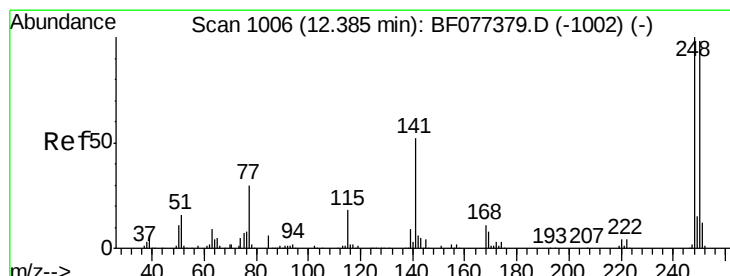
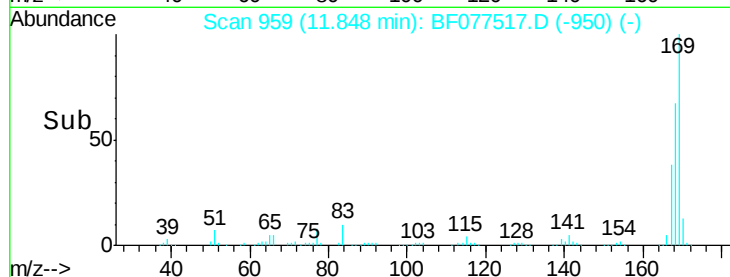
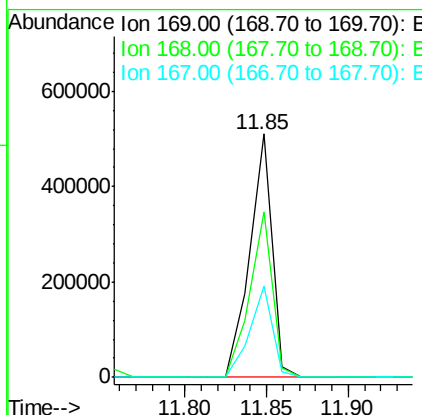
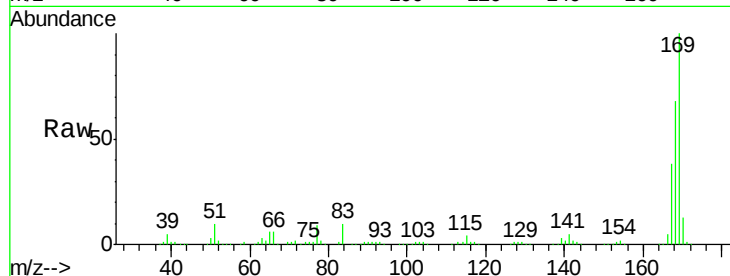




#65  
 n-Nitrosodiphenylamine  
 Concen: 36.17 ng  
 RT: 11.85 min Scan# 959  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

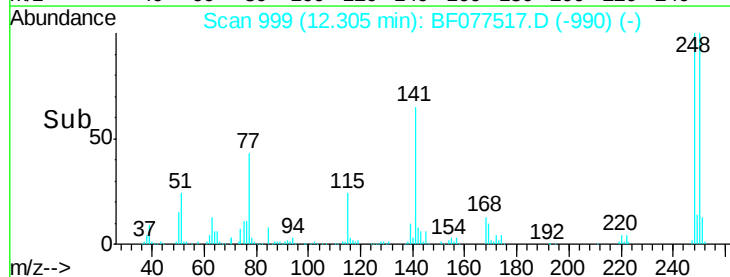
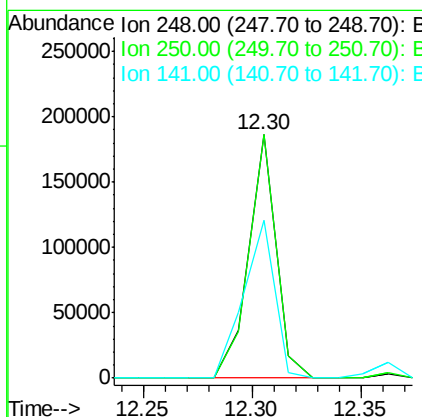
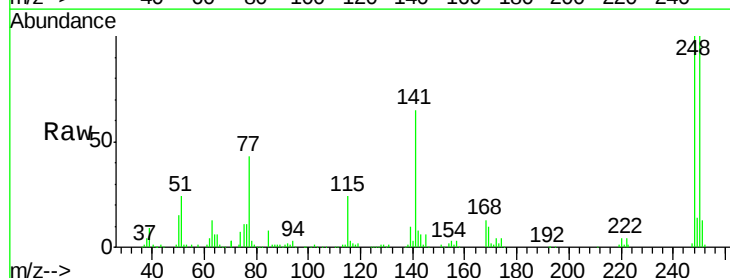
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20MS

Tot Ion:169 Resp: 487378  
 Ion Ratio Lower Upper  
 169 100  
 168 68.1 53.0 79.6  
 167 37.6 29.5 44.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 34.54 ng  
 RT: 12.30 min Scan# 999  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

Tgt Ion:248 Resp: 164238  
 Ion Ratio Lower Upper  
 248 100  
 250 100.2 78.0 117.0  
 141 64.9 54.1 81.1

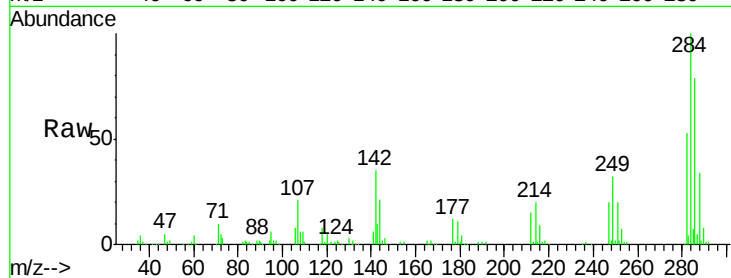




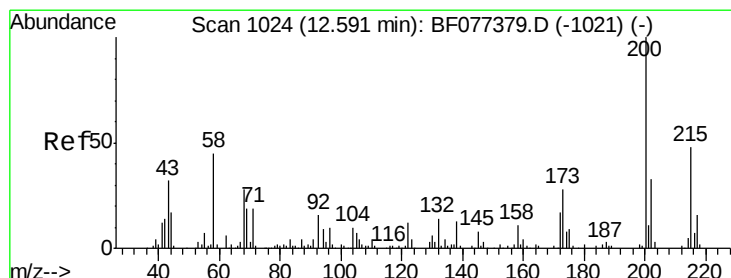
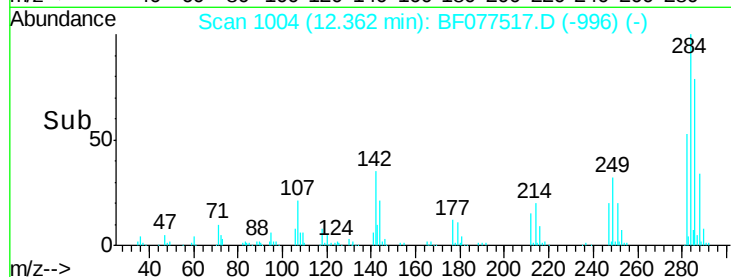
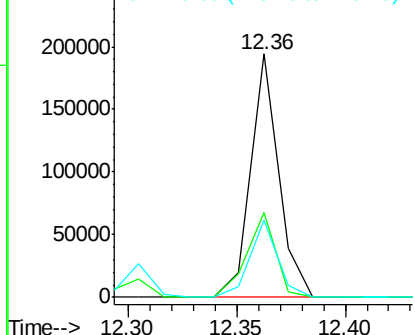
#67  
Hexachlorobenzene  
Concen: 34.04 ng  
RT: 12.36 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

Tot Ion:284 Resp: 173768  
Ion Ratio Lower Upper  
284 100  
142 35.0 31.6 47.4  
249 32.0 27.0 40.4

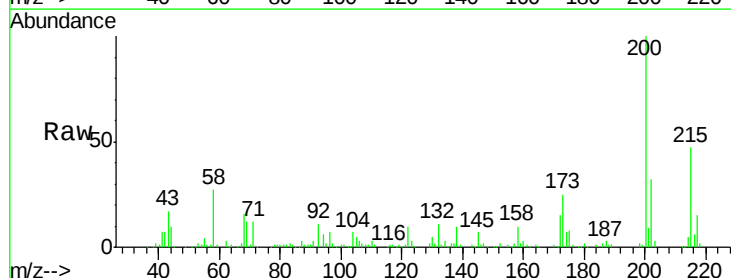


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

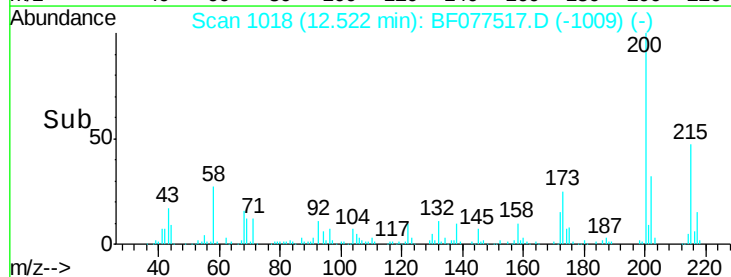
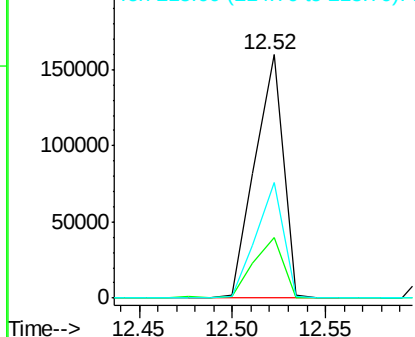


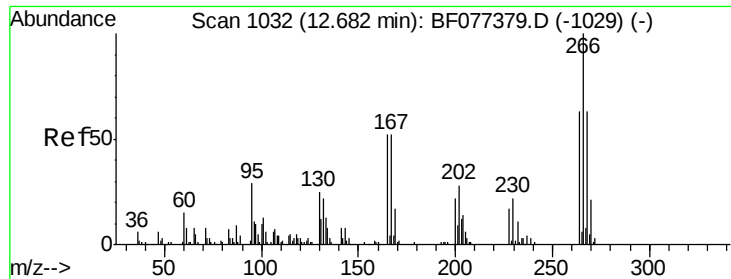
#68  
Atrazine  
Concen: 38.54 ng  
RT: 12.52 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Tgt Ion:200 Resp: 168839  
Ion Ratio Lower Upper  
200 100  
173 25.1 9.6 49.6  
215 47.5 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

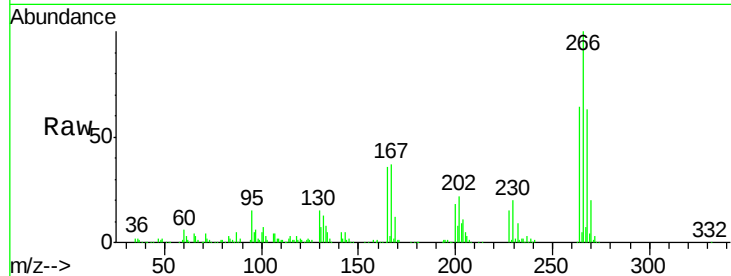




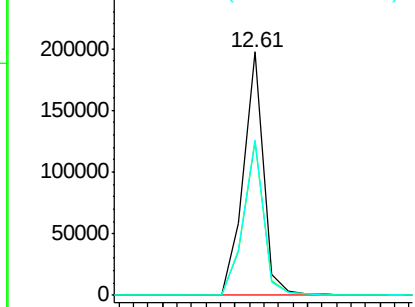
#69  
 Pentachlorophenol  
 Concen: 71.70 ng  
 RT: 12.61 min Scan# 1026  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

Instrument :  
 BNA\_F  
 ClientSampled :  
 1121-20MS

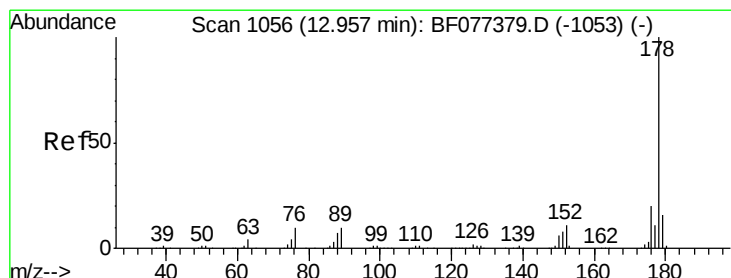
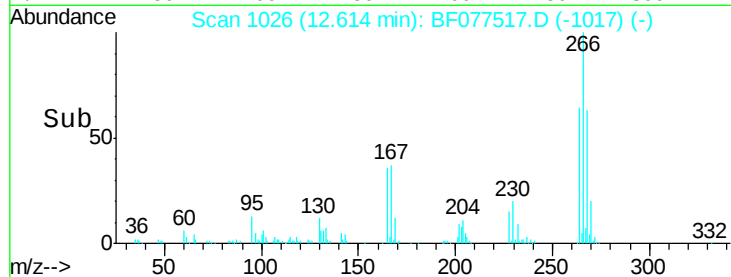
Tot Ion:266 Resp: 192339  
 Ion Ratio Lower Upper  
 266 100  
 268 63.2 51.2 76.8  
 264 63.6 50.7 76.1



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

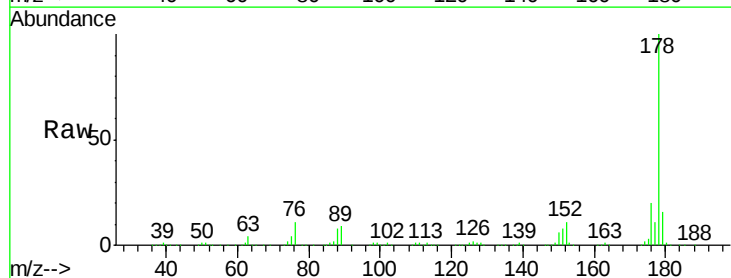


Time-->

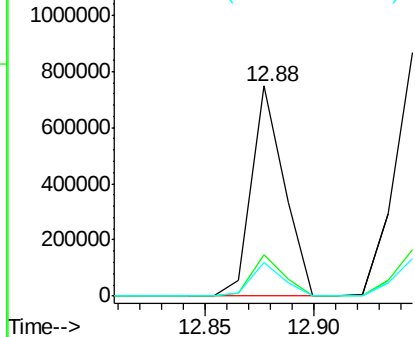


#70  
 Phenanthrene  
 Concen: 33.28 ng  
 RT: 12.88 min Scan# 1049  
 Delta R.T. -0.00 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

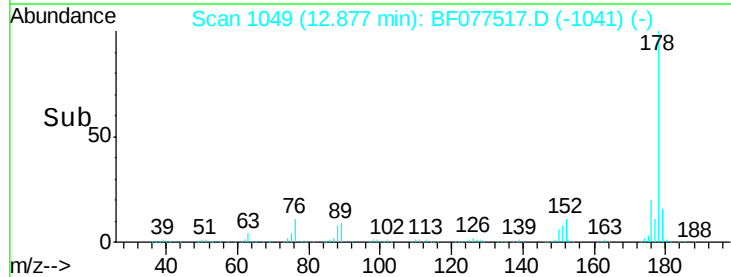
Tgt Ion:178 Resp: 783432  
 Ion Ratio Lower Upper  
 178 100  
 176 20.0 15.5 23.3  
 179 16.1 12.2 18.2

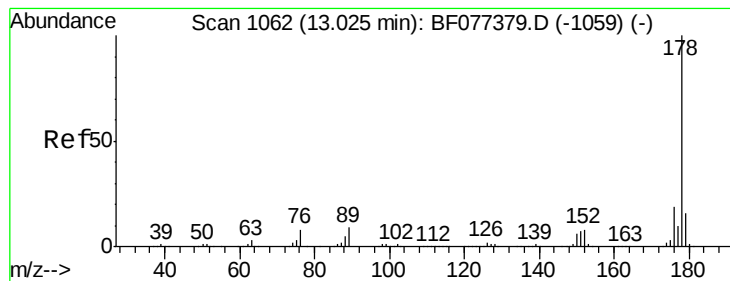


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E



Time-->





#71

Anthracene

Concen: 35.79 ng

RT: 12.94 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

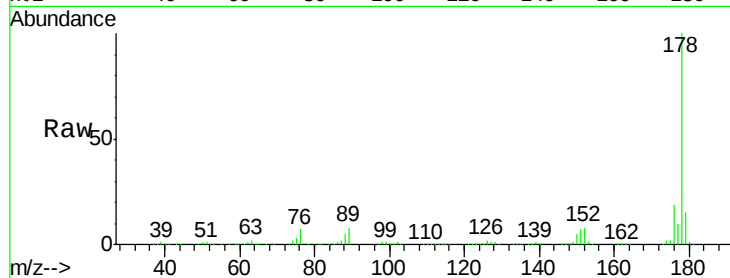
Tot Ion:178 Resp: 835959

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

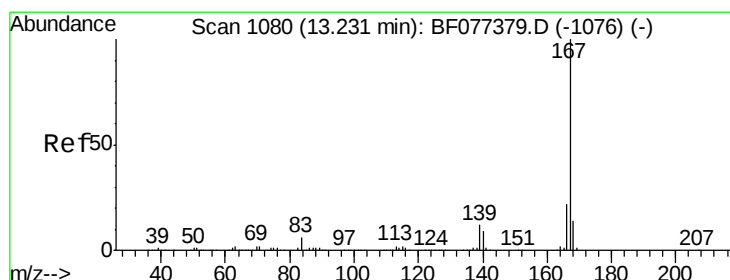
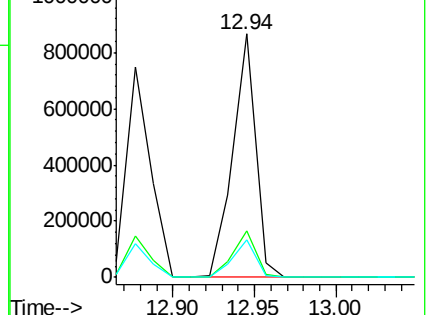
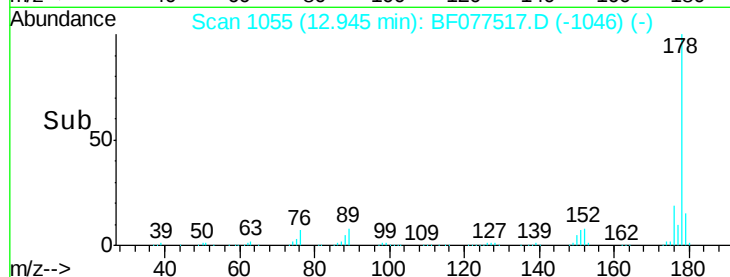
179 15.4 12.9 19.3



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: 35.29 ng

RT: 13.15 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

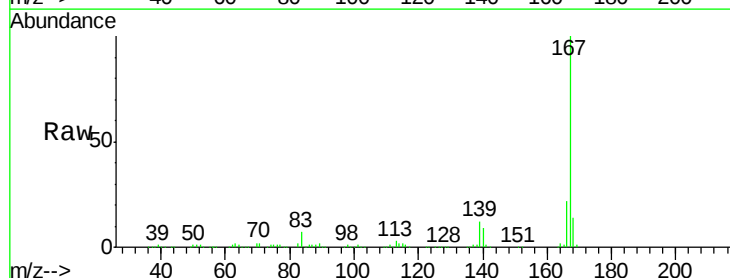
Tgt Ion:167 Resp: 783847

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

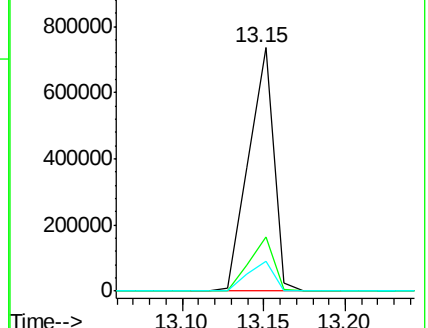
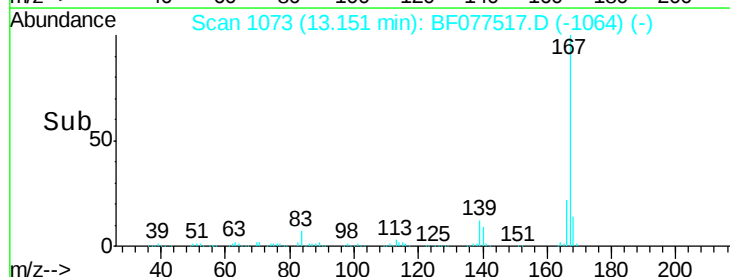
139 12.2 9.9 14.9



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: 37.43 ng

RT: 13.60 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

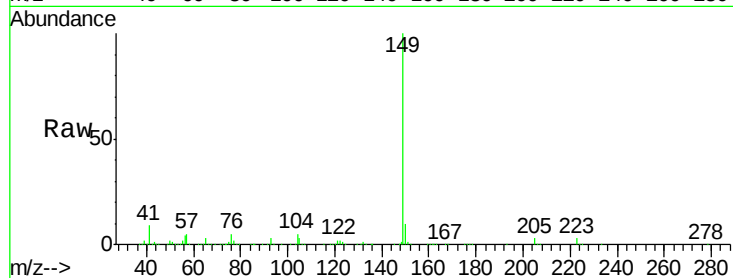
Tot Ion:149 Resp: 976084

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

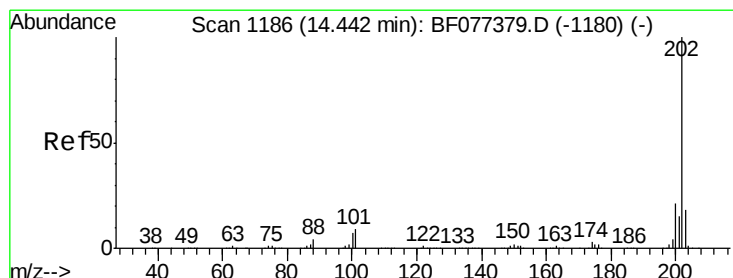
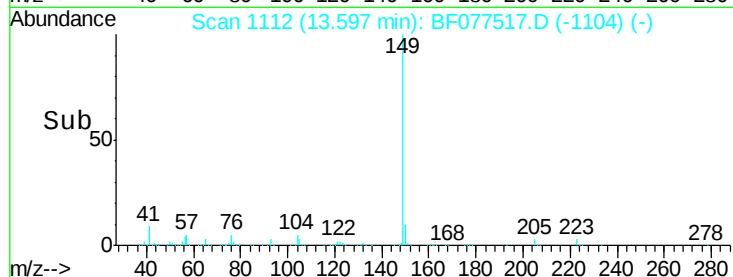
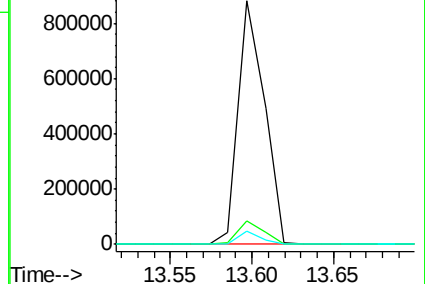
104 5.2 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.15 ng

RT: 14.35 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

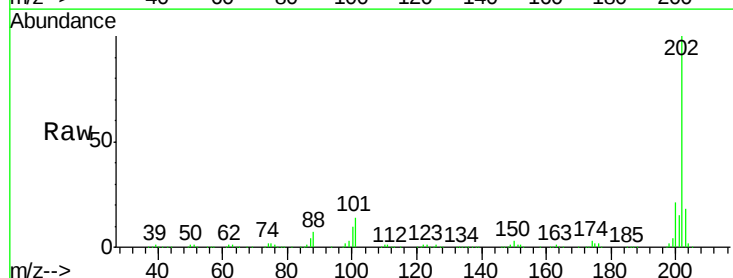
Tgt Ion:202 Resp: 877927

Ion Ratio Lower Upper

202 100

101 13.5 0.0 30.8

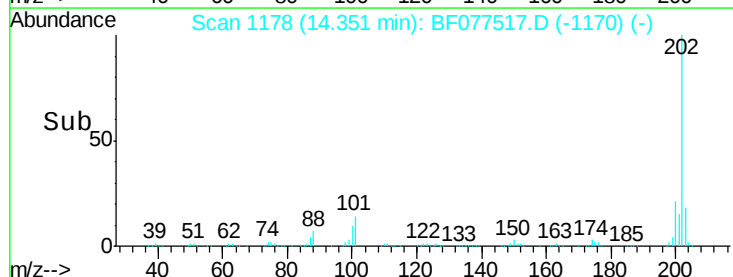
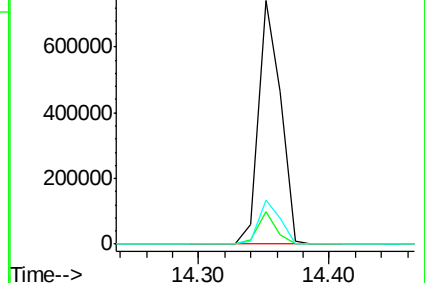
203 18.0 0.0 37.7

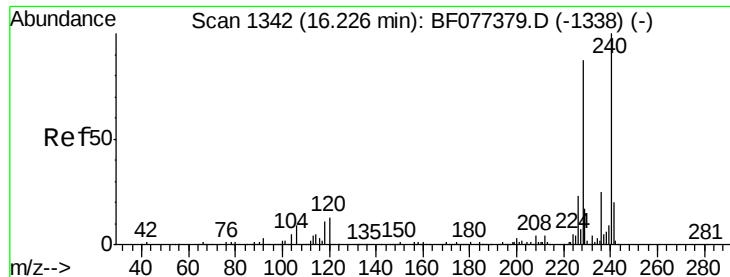


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.14 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampled :

1121-20MS

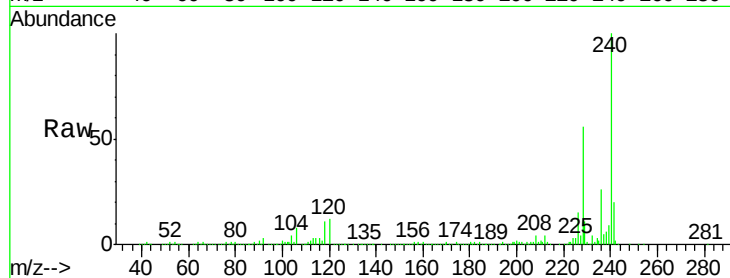
Tot Ion:240 Resp: 415406

Ion Ratio Lower Upper

240 100

120 12.1 8.8 13.2

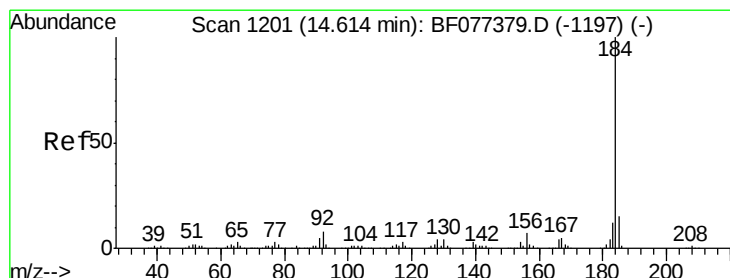
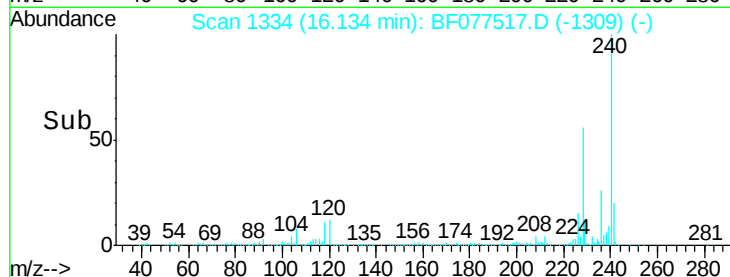
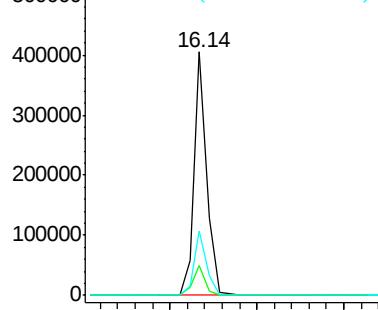
236 26.3 20.7 31.1



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: 27.29 ng

RT: 14.53 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

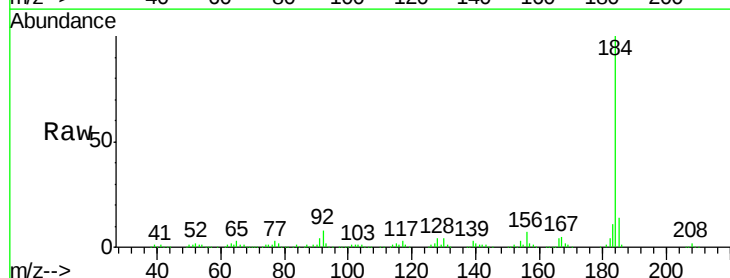
Tgt Ion:184 Resp: 383057

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

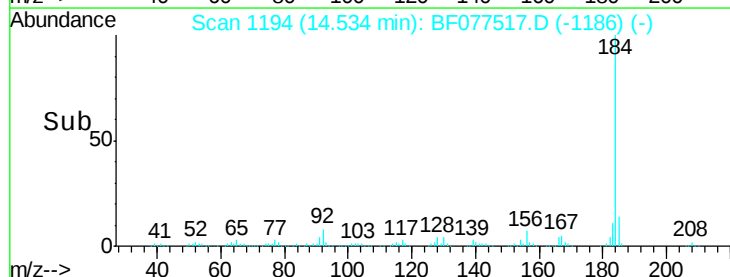
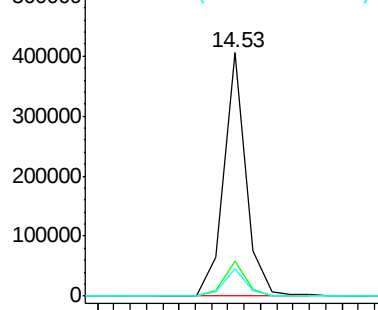
183 11.1 9.3 13.9

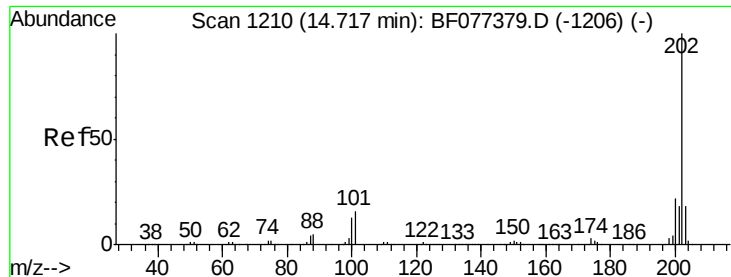


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.99 ng

RT: 14.63 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

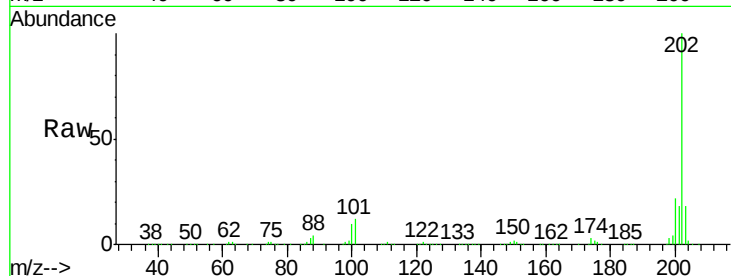
Tot Ion:202 Resp: 914420

Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

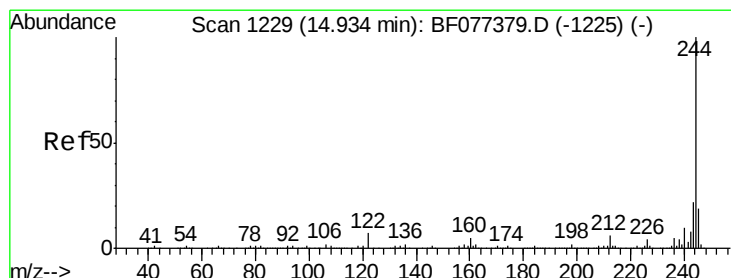
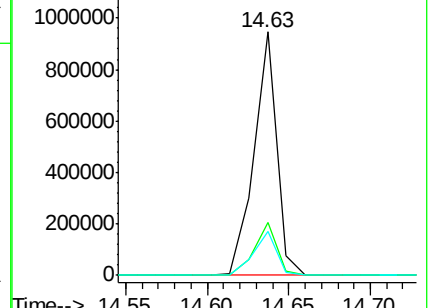
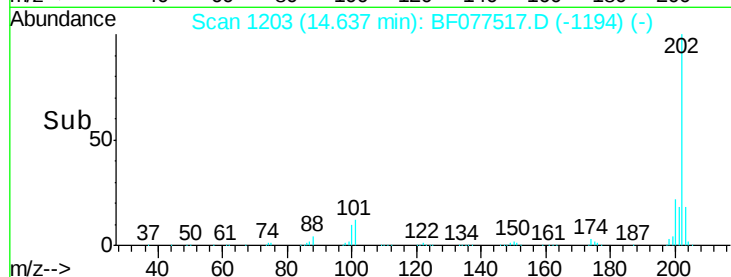
203 17.9 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.15 ng

RT: 14.85 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

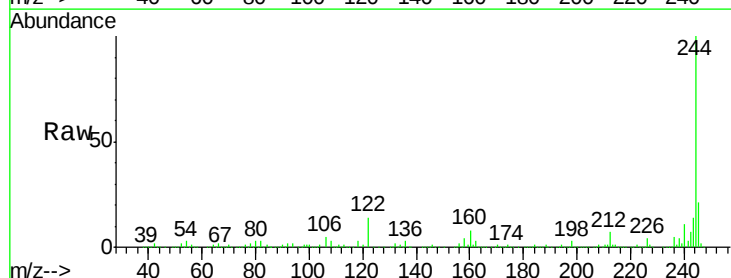
Tgt Ion:244 Resp: 1246587

Ion Ratio Lower Upper

244 100

212 7.3 5.2 7.8

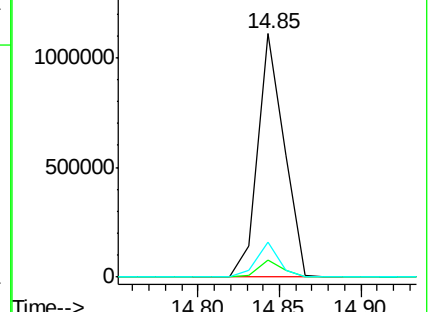
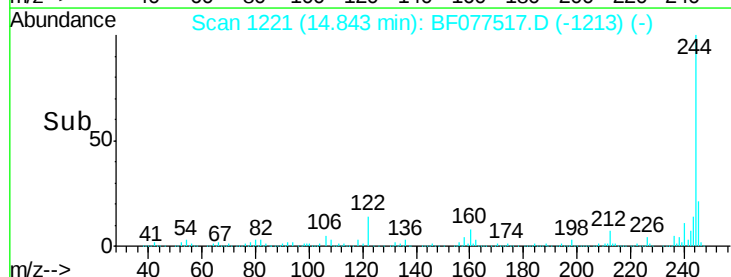
122 14.4 7.8 11.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

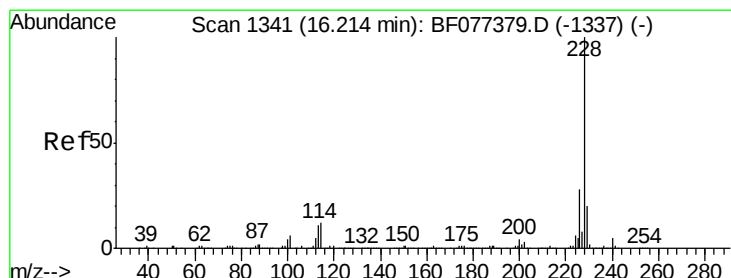
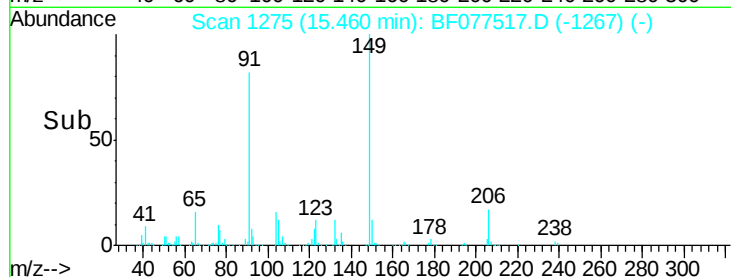
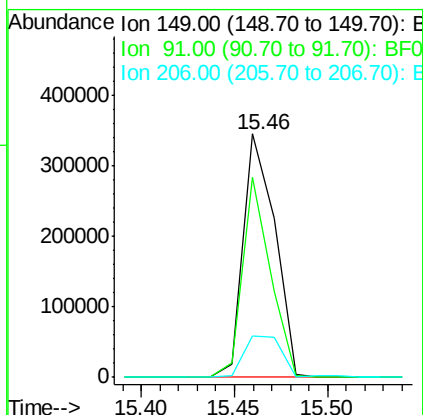
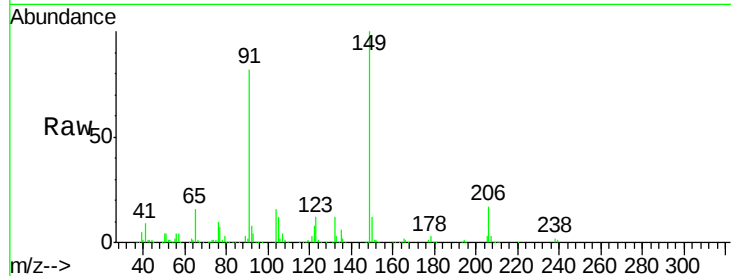




#79  
Butylbenzylphthalate  
Concen: 39.08 ng  
RT: 15.46 min Scan# 1275  
Delta R.T. -0.00 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

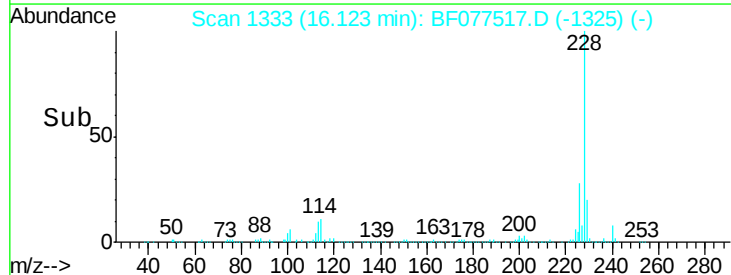
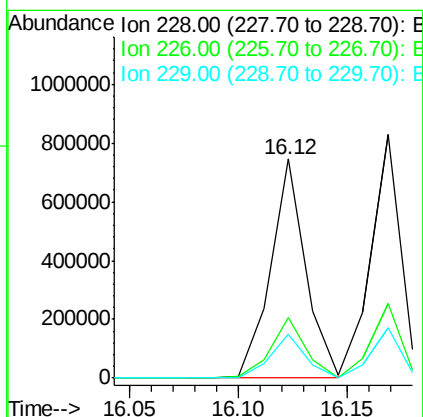
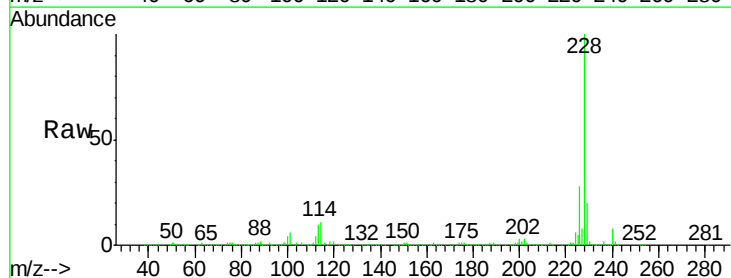
Instrument :  
BNA\_F  
ClientSampleId :  
1121-20MS

Tot Ion:149 Resp: 408575  
Ion Ratio Lower Upper  
149 100  
91 82.1 51.2 76.8#  
206 16.9 17.8 26.8#



#80  
Benzo(a)anthracene  
Concen: 34.55 ng  
RT: 16.12 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF077517.D  
Acq: 27 Feb 2015 20:56

Tgt Ion:228 Resp: 841184  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.0 33.0  
229 20.3 15.8 23.8

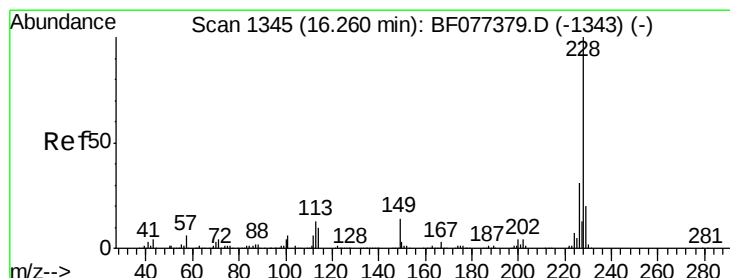
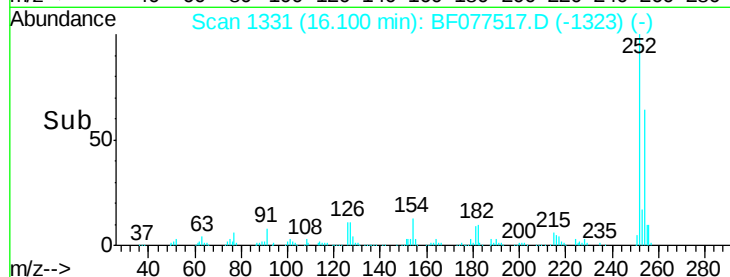
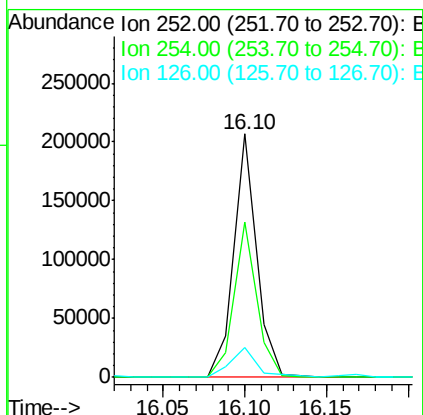
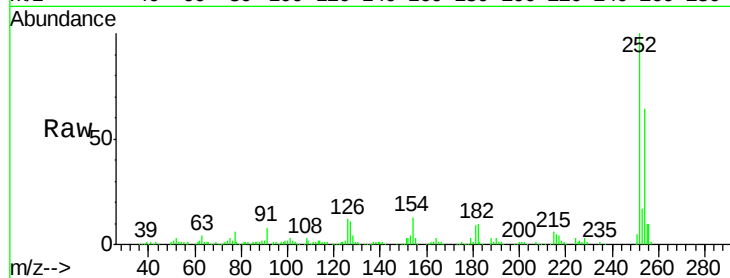




#81  
 3,3'-Dichlorobenzidine  
 Concen: 22.37 ng  
 RT: 16.10 min Scan# 1331  
 Delta R.T. -0.01 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

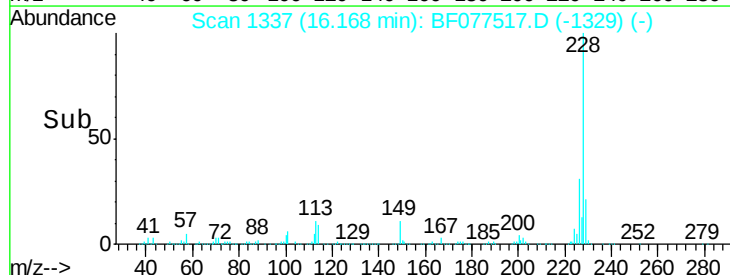
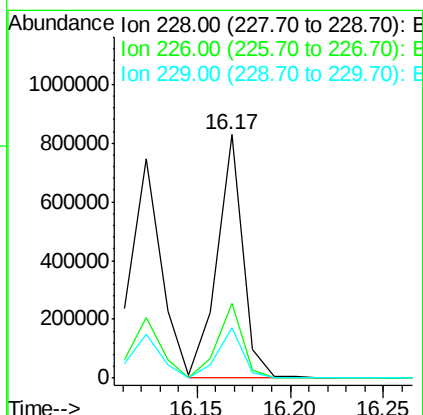
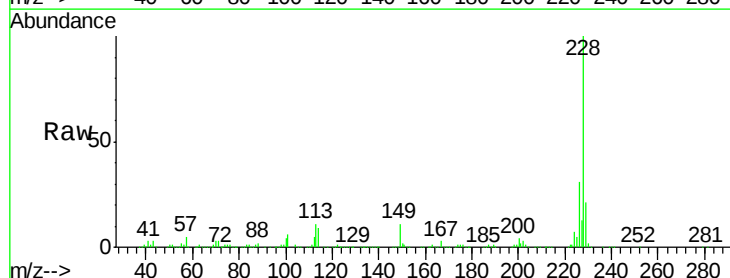
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20MS

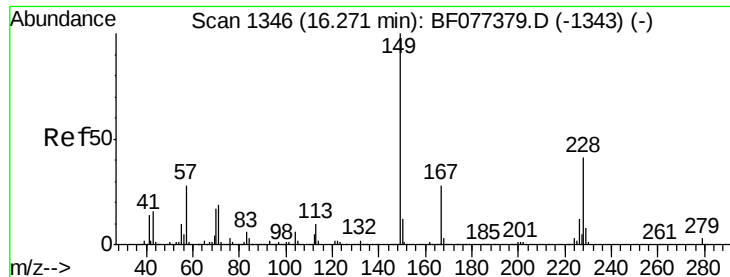
Tot Ion:252 Resp: 199578  
 Ion Ratio Lower Upper  
 252 100  
 254 63.7 52.9 79.3  
 126 12.2 7.3 10.9#



#82  
 Chrysene  
 Concen: 34.68 ng  
 RT: 16.17 min Scan# 1337  
 Delta R.T. -0.01 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

Tgt Ion:228 Resp: 792718  
 Ion Ratio Lower Upper  
 228 100  
 226 30.9 24.9 37.3  
 229 20.7 16.4 24.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.66 ng

RT: 16.18 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

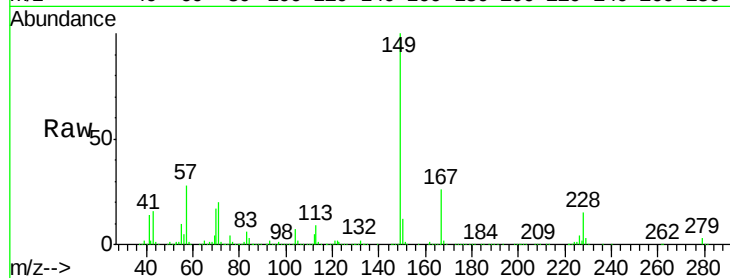
Tot Ion:149 Resp: 648141

Ion Ratio Lower Upper

149 100

167 26.4 22.8 34.2

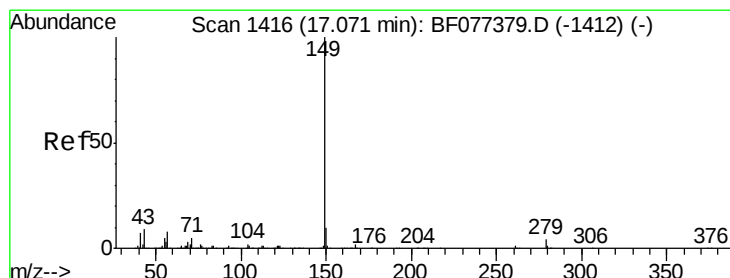
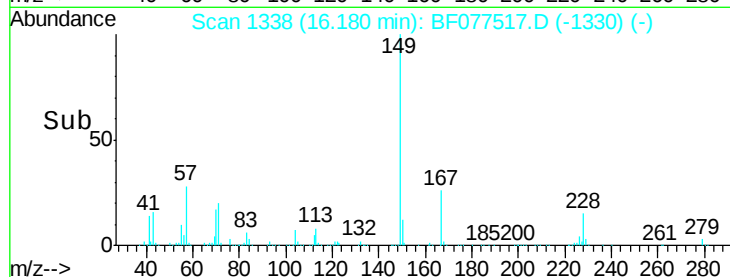
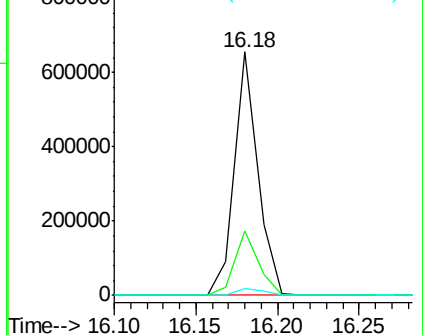
279 2.9 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.66 ng

RT: 16.96 min Scan# 1406

Delta R.T. -0.04 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

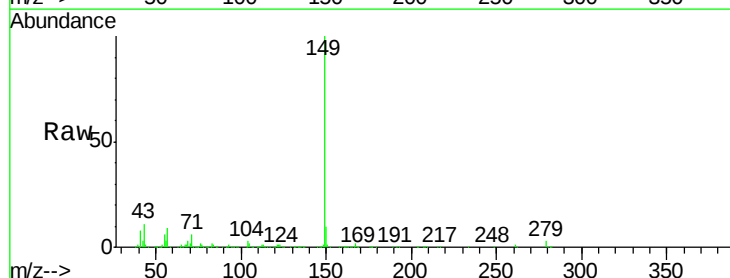
Tgt Ion:149 Resp: 1081996

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

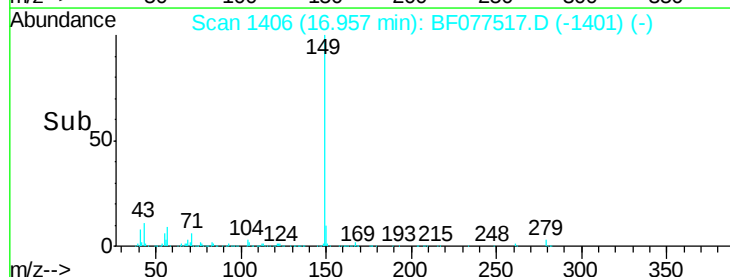
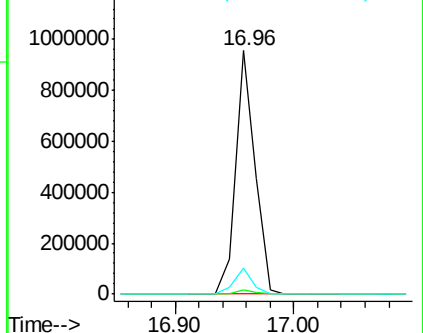
43 10.0 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

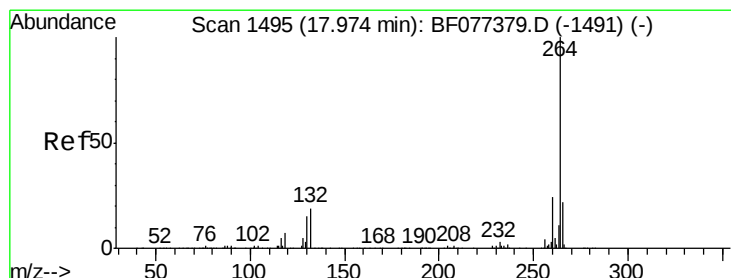
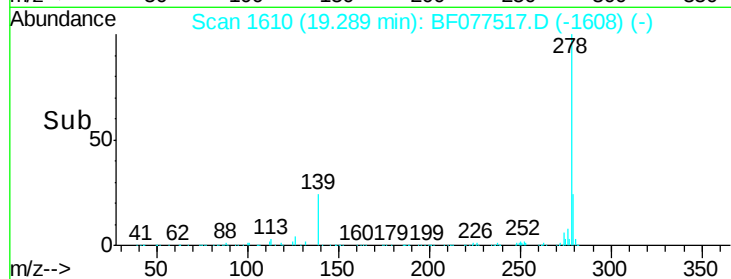
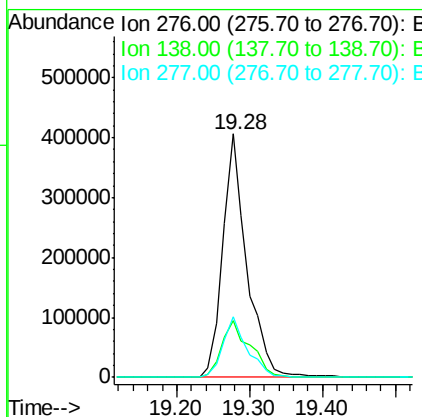
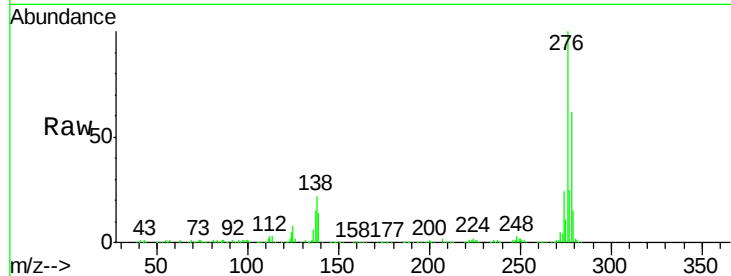




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.83 ng/ml  
 RT: 19.29 min Scan# 1610  
 Delta R.T. -0.08 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

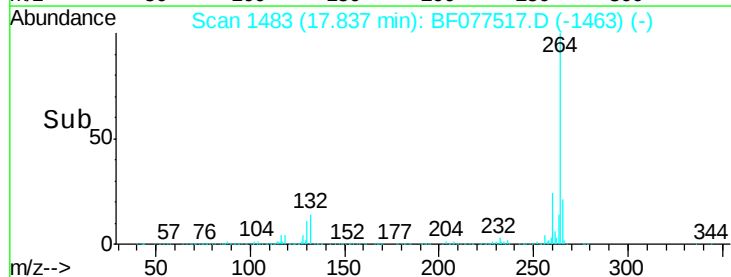
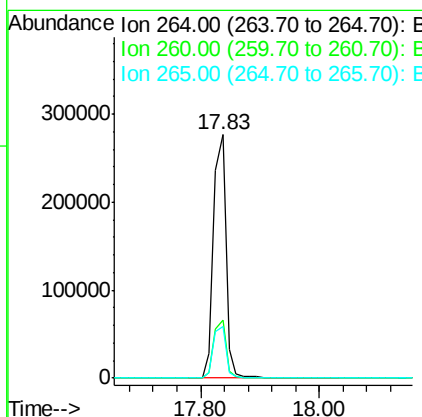
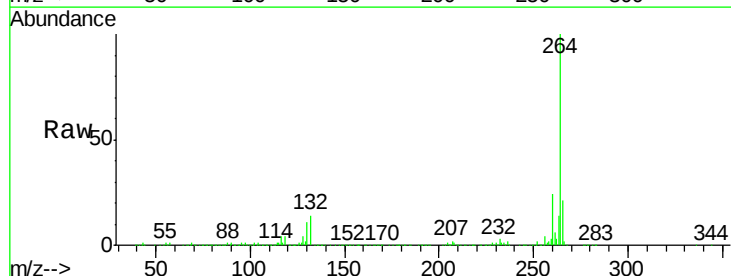
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20MS

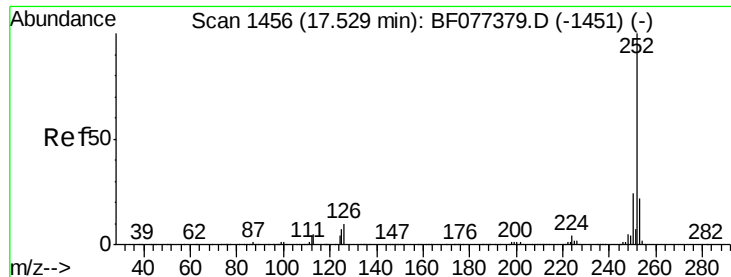
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 0.0   | 21.2  | 31.8# |
| 277     | 0.0   | 20.0  | 30.0# |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.83 min Scan# 1483  
 Delta R.T. -0.08 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.3  | 28.9  |
| 265     | 21.1  | 16.8  | 25.2  |





#87

Benzo(b)fluoranthene

Concen: 36.74 ng

RT: 17.40 min Scan# 1445

Delta R.T. -0.06 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

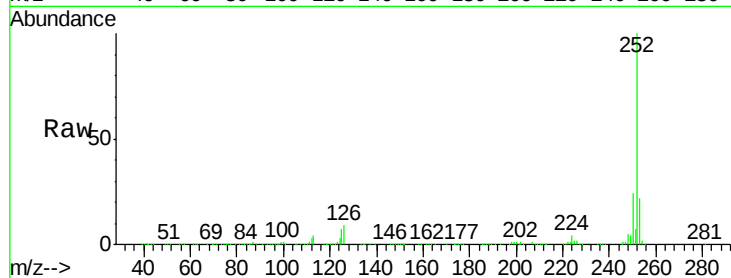
Tot Ion:252 Resp: 864779

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

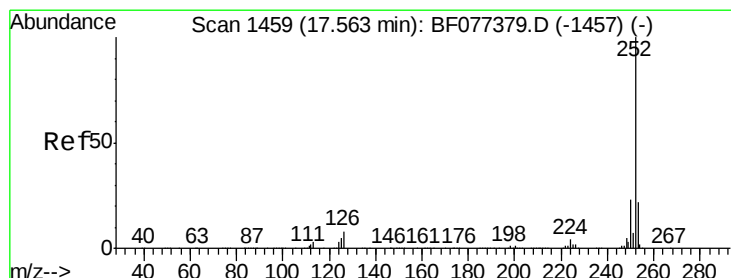
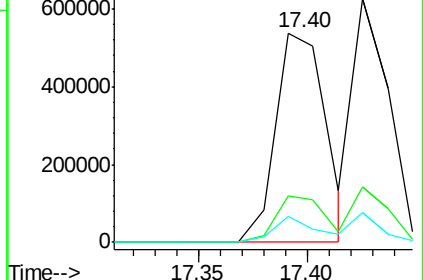
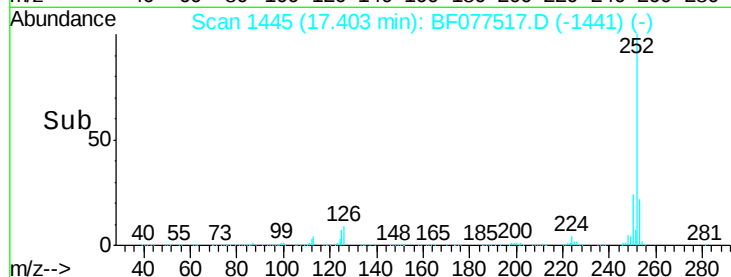
125 6.9 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.18 ng m

RT: 17.43 min Scan# 1447

Delta R.T. -0.06 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

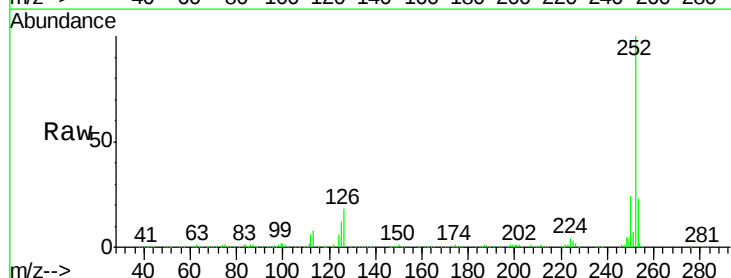
Tgt Ion:252 Resp: 742239

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

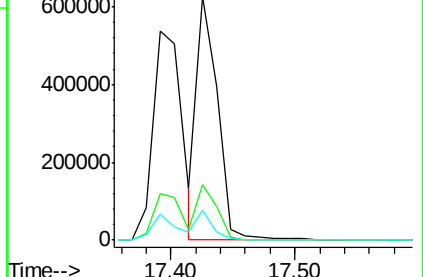
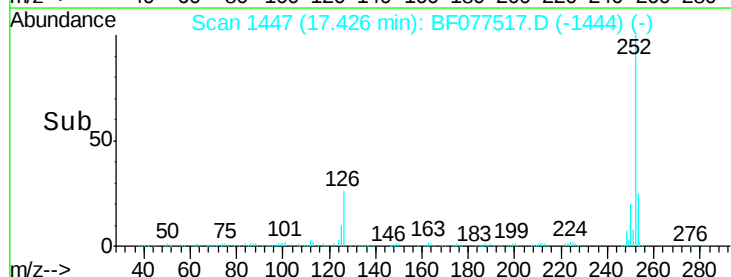
125 12.3 10.1 15.1

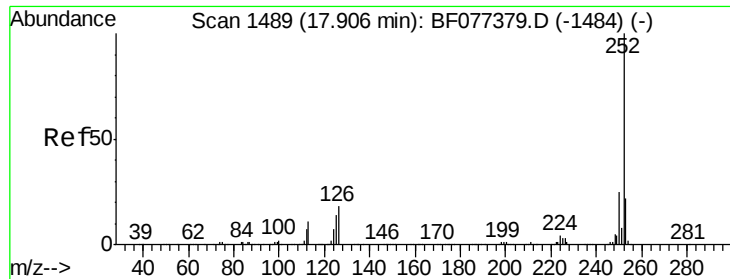


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.06 ng

RT: 17.77 min Scan# 1477

Delta R.T. -0.08 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

Instrument :

BNA\_F

ClientSampleId :

1121-20MS

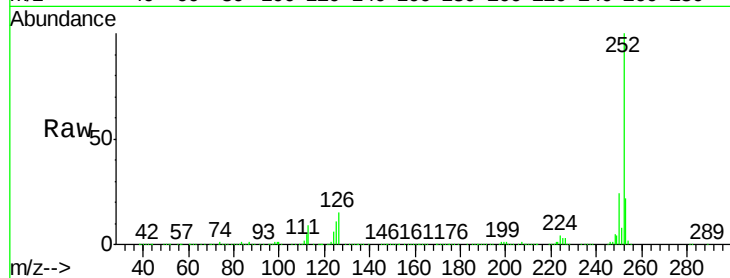
Tot Ion:252 Resp: 786022

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

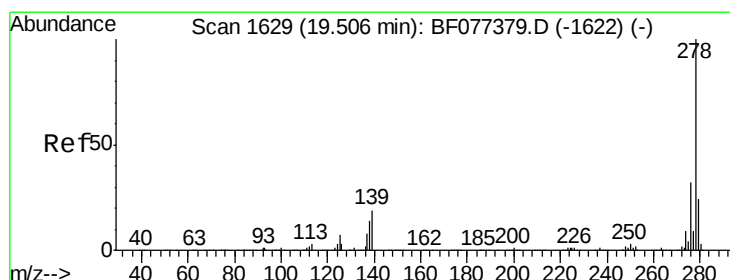
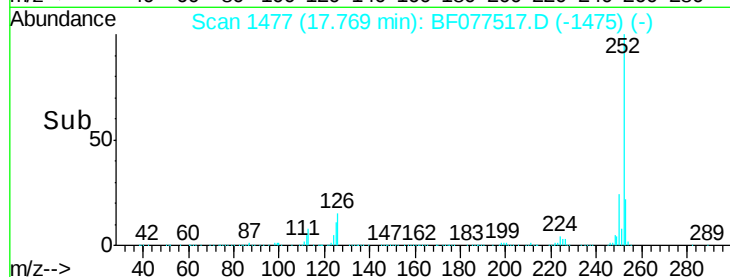
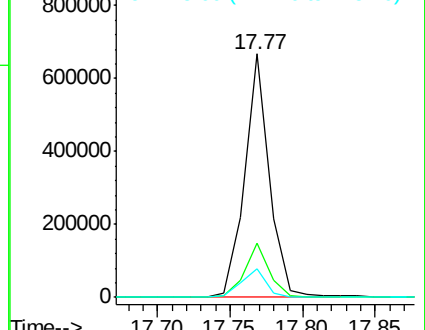
125 11.5 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.92 ng

RT: 19.31 min Scan# 1612

Delta R.T. -0.09 min

Lab File: BF077517.D

Acq: 27 Feb 2015 20:56

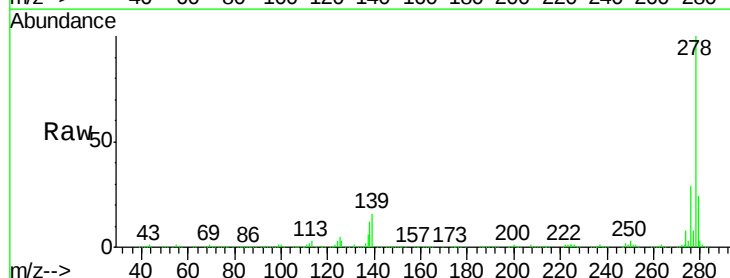
Tgt Ion:278 Resp: 768021

Ion Ratio Lower Upper

278 100

139 15.7 14.3 21.5

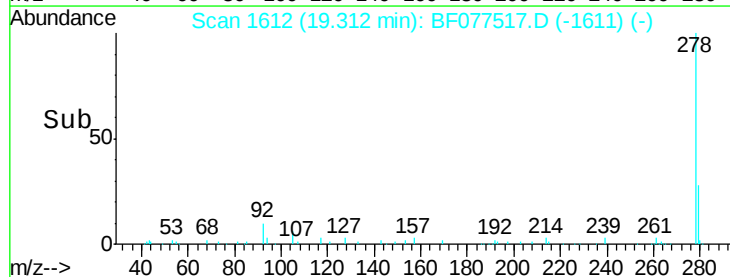
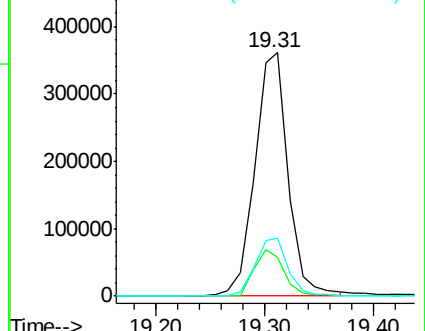
279 23.9 19.0 28.6

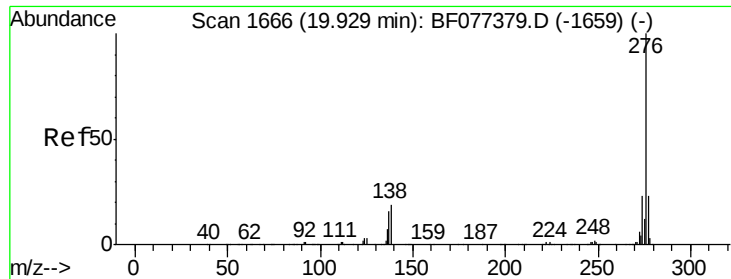


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

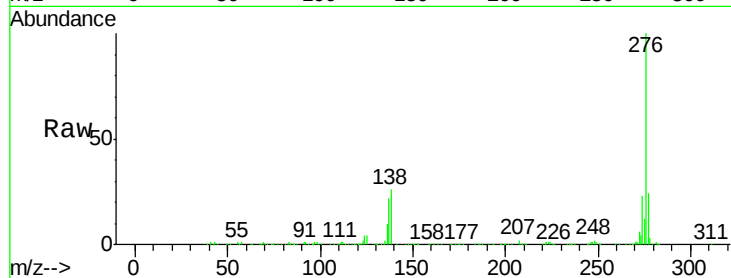




#91  
 Benzo(a,h,i)perylene  
 Concen: 35.21 ng  
 RT: 19.70 min Scan# 1646  
 Delta R.T. -0.09 min  
 Lab File: BF077517.D  
 Acq: 27 Feb 2015 20:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 18.9  | 28.3  |
| 138     | 26.1  | 20.5  | 30.7  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

