

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030415\  
 Data File : BF077582.D  
 Acq On : 4 Mar 2015 14:30  
 Operator : TP/IZ  
 Sample : PB81951BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS

Manual Integrations  
 APPROVED

mohammad  
 3/5/2015 12:47:43 PM

Quant Time: Mar 04 23:18:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 21:51:23 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.22  | 152  | 86374    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.80  | 136  | 350859   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.97 | 164  | 175188   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.81 | 188  | 335372   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.11 | 240  | 380309   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.90 | 264  | 375519   | 20.00 | ng    | 0.05     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 454606 | 87.87 | ng | 0.00 |
| 7) Phenol-d6             | 6.79  | 99  | 539424 | 81.09 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.91  | 82  | 324252 | 57.47 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.95 | 330 | 138149 | 81.90 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 10.15 | 172 | 644137 | 57.33 | ng | 0.00 |
| 78) Terphenyl-d14        | 14.81 | 244 | 773940 | 47.57 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.16 | 88  | 53535  | 24.38 | ng | 96     |
| 3) Pyridine                    | 2.90 | 79  | 152623 | 24.30 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.80 | 42  | 80203  | 29.37 | ng | 93     |
| 6) Aniline                     | 6.81 | 93  | 127930 | 13.91 | ng | # 36   |
| 8) 2-Chlorophenol              | 6.95 | 128 | 165313 | 27.08 | ng | 89     |
| 9) Benzaldehyde                | 6.67 | 77  | 29823  | 7.38  | ng | 94     |
| 10) Phenol                     | 6.80 | 94  | 192910 | 24.44 | ng | # 65   |
| 11) bis(2-Chloroethyl)ether    | 6.91 | 93  | 147846 | 26.07 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 7.15 | 146 | 172667 | 25.98 | ng | # 91   |
| 13) 1,4-Dichlorobenzene        | 7.24 | 146 | 171215 | 25.32 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.43 | 146 | 166161 | 25.84 | ng | 98     |
| 15) Benzyl Alcohol             | 7.40 | 79  | 129834 | 25.67 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.58 | 45  | 204023 | 25.16 | ng | 96     |
| 17) 2-Methylphenol             | 7.55 | 107 | 127366 | 26.70 | ng | 97     |
| 18) Hexachloroethane           | 7.84 | 117 | 59360  | 26.29 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.74 | 70  | 108819 | 25.76 | ng | 90     |
| 20) 3+4-Methylphenols          | 7.74 | 107 | 166599 | 26.51 | ng | # 75   |
| 22) Acetophenone               | 7.73 | 105 | 222835 | 27.00 | ng | # 87   |
| 24) Nitrobenzene               | 7.94 | 77  | 170691 | 28.75 | ng | 90     |
| 25) Isophorone                 | 8.24 | 82  | 285666 | 25.52 | ng | 95     |
| 26) 2-Nitrophenol              | 8.33 | 139 | 74959  | 30.81 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 8.40 | 122 | 147438 | 27.08 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.52 | 93  | 184389 | 26.07 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.63 | 162 | 131204 | 25.68 | ng | 87     |
| 30) 1,2,4-Trichlorobenzene     | 8.73 | 180 | 135797 | 24.17 | ng | 98     |
| 31) Naphthalene                | 8.83 | 128 | 446352 | 25.44 | ng | 98     |
| 32) Benzoic acid               | 8.49 | 122 | 72285  | 27.33 | ng | 97     |
| 33) 4-Chloroaniline            | 8.90 | 127 | 115032 | 14.75 | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.98 | 225 | 77433  | 24.14 | ng | 99     |
| 35) Caprolactam                | 9.33 | 113 | 41010  | 26.29 | ng | # 67   |
| 36) 4-Chloro-3-methylphenol    | 9.51 | 107 | 132851 | 25.86 | ng | 93     |
| 37) 2-Methylnaphthalene        | 9.68 | 142 | 318099 | 25.53 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.89 | 216 | 137384 | 27.33 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.88 | 237 | 131800 | 48.90 | ng | 99     |

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Instrument :  
 BNA\_F  
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Manual Integrations  
 APPROVED

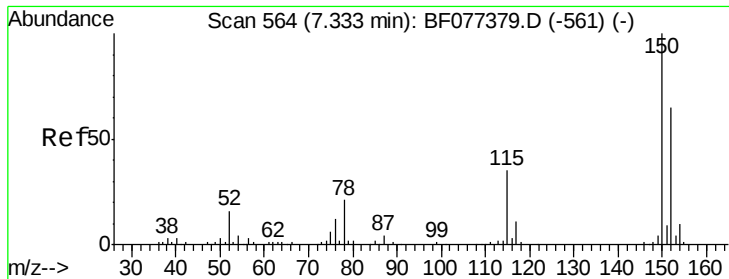
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 3/5/2015 12:47:43 PM

Quant Time: Mar 04 23:18:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
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 QLast Update : Wed Mar 04 21:51:23 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 10.04 | 196  | 94878    | 28.50 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 10.08 | 196  | 98881    | 27.78 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 10.27 | 154  | 369588   | 27.85 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 10.29 | 162  | 291844   | 28.04 | ng    | 93       |
| 47) 2-Nitroaniline             | 10.42 | 65   | 84921    | 33.14 | ng    | # 76     |
| 48) Acenaphthylene             | 10.80 | 152  | 463587   | 28.13 | ng    | 99       |
| 49) Dimethylphthalate          | 10.66 | 163  | 331917   | 26.95 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 10.73 | 165  | 72097    | 29.19 | ng    | # 68     |
| 51) Acenaphthene               | 11.01 | 154  | 270731   | 27.53 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.93 | 138  | 56611    | 19.88 | ng    | 85       |
| 53) 2,4-Dinitrophenol          | 11.06 | 184  | 45802    | 60.95 | ng    | # 52     |
| 54) Dibenzofuran               | 11.23 | 168  | 426965   | 28.12 | ng    | 99       |
| 55) 4-Nitrophenol              | 11.15 | 139  | 142190   | 62.09 | ng    | 98       |
| 56) 2,4-Dinitrotoluene         | 11.22 | 165  | 96118    | 28.80 | ng    | # 68     |
| 57) Fluorene                   | 11.65 | 166  | 341304   | 28.12 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.38 | 232  | 84675    | 29.59 | ng    | 96       |
| 59) Diethylphthalate           | 11.53 | 149  | 310234   | 25.55 | ng    | 95       |
| 60) 4-Chlorophenyl-phenylether | 11.66 | 204  | 150162   | 25.68 | ng    | 100      |
| 61) 4-Nitroaniline             | 11.68 | 138  | 78463    | 28.75 | ng    | 97       |
| 62) Azobenzene                 | 11.86 | 77   | 320914   | 27.86 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 11.72 | 198  | 35640    | 28.29 | ng    | 68       |
| 65) n-Nitrosodiphenylamine     | 11.81 | 169  | 297343   | 26.72 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 12.27 | 248  | 94983    | 24.19 | ng    | 96       |
| 67) Hexachlorobenzene          | 12.33 | 284  | 101621   | 24.11 | ng    | # 90     |
| 68) Atrazine                   | 12.49 | 200  | 93519    | 25.85 | ng    | 95       |
| 69) Pentachlorophenol          | 12.58 | 266  | 117051   | 52.83 | ng    | 98       |
| 70) Phenanthrene               | 12.84 | 178  | 499061   | 25.67 | ng    | 99       |
| 71) Anthracene                 | 12.91 | 178  | 511194   | 26.50 | ng    | 99       |
| 72) Carbazole                  | 13.11 | 167  | 504727   | 27.52 | ng    | 100      |
| 73) Di-n-butylphthalate        | 13.57 | 149  | 494727   | 22.97 | ng    | 99       |
| 74) Fluoranthene               | 14.32 | 202  | 552914   | 26.04 | ng    | 96       |
| 76) Benzidine                  | 14.50 | 184  | 256737   | 19.98 | ng    | 98       |
| 77) Pyrene                     | 14.60 | 202  | 595557   | 25.60 | ng    | 100      |
| 79) Butylbenzylphthalate       | 15.43 | 149  | 230921   | 24.13 | ng    | 94       |
| 80) Benzo(a)anthracene         | 16.10 | 228  | 566759   | 25.43 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 16.08 | 252  | 128001   | 15.67 | ng    | # 97     |
| 82) Chrysene                   | 16.15 | 228  | 537096   | 25.66 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 16.16 | 149  | 324345   | 21.13 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 16.98 | 149  | 548880   | 21.42 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.34 | 276  | 647897   | 27.15 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 17.44 | 252  | 560552   | 25.67 | ng    | # 98     |
| 88) Benzo(k)fluoranthene       | 17.47 | 252  | 560884m  | 26.21 | ng    |          |
| 89) Benzo(a)pyrene             | 17.83 | 252  | 555546   | 26.71 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 19.37 | 278  | 529511   | 26.70 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 19.76 | 276  | 543664   | 27.16 | ng    | 99       |

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

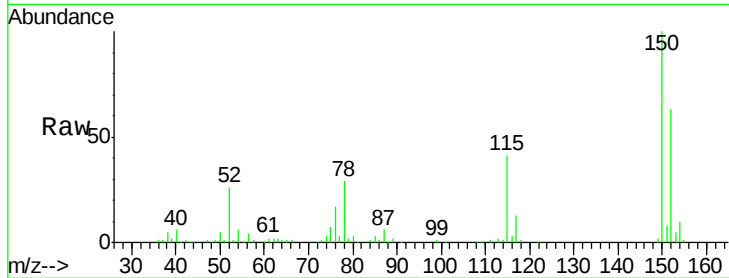




#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.22 min Scan# 554  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

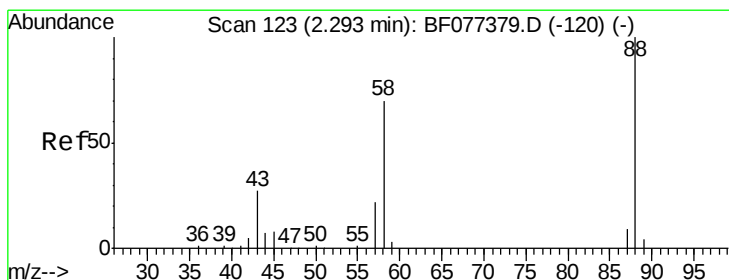
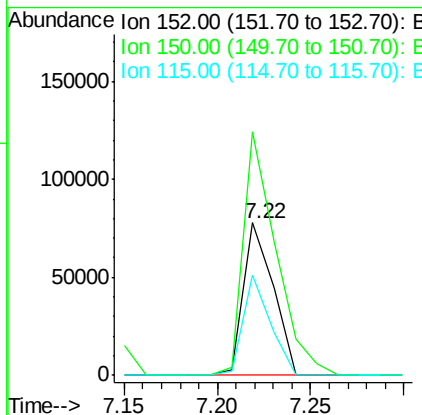
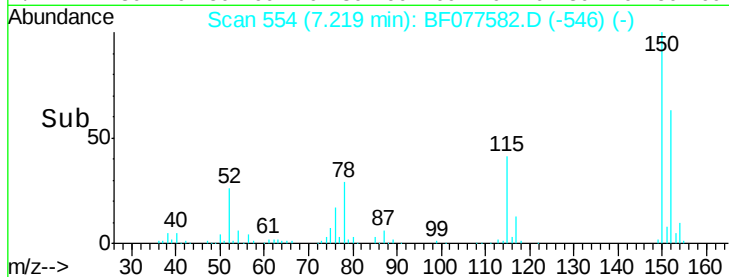
Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.6 | 124.0 | 186.0 |
| 115     | 65.5  | 49.4  | 74.2  |

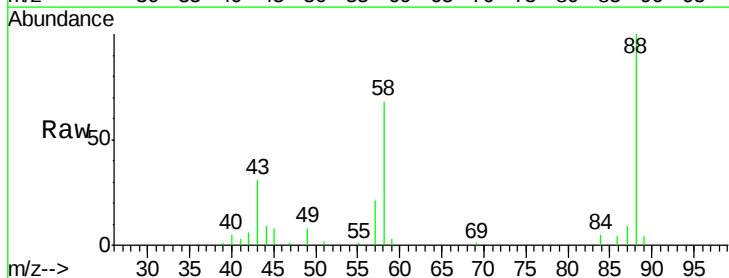
Manual Integrations  
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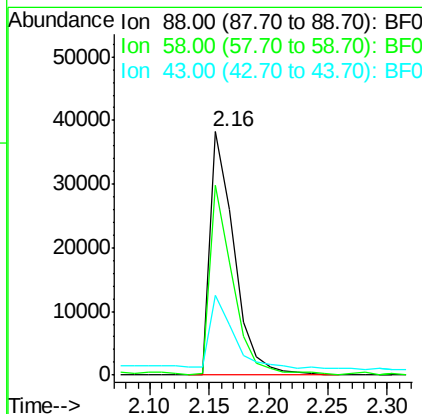
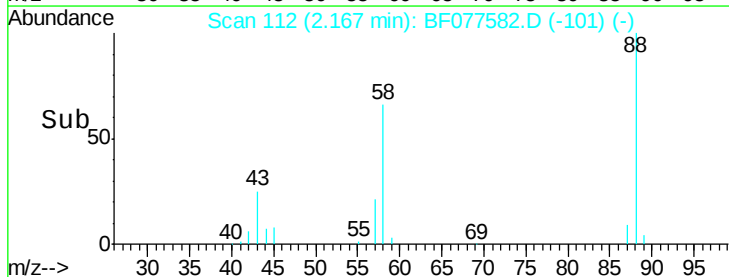


#2

1,4-Dioxane  
Concen: 24.38 ng  
RT: 2.16 min Scan# 112  
Delta R.T. 0.03 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.1  | 62.1  | 93.1  |
| 43      | 33.7  | 24.0  | 36.0  |





#3

Pyridine

Concen: 24.30 ng

RT: 2.90 min Scan# 176

Delta R.T. 0.04 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

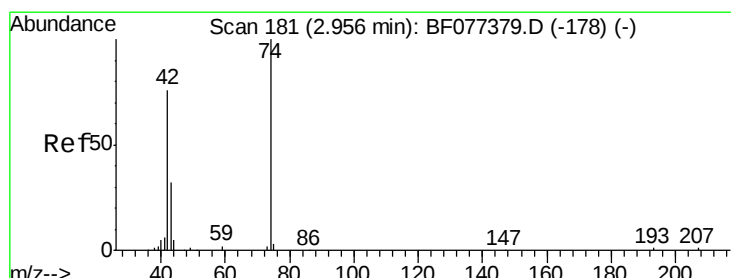
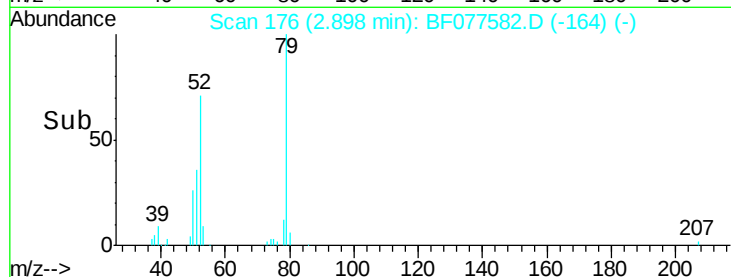
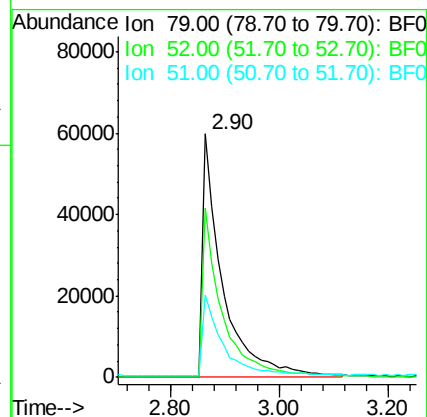
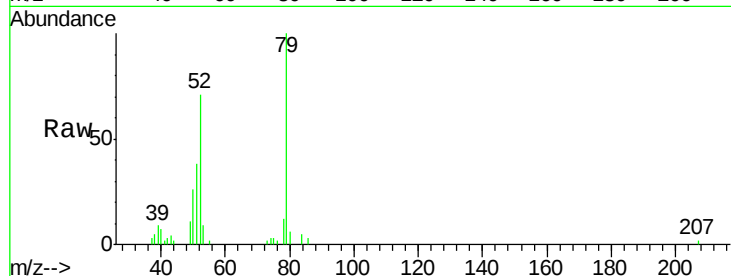
ClientSampleId :

PB81951BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 152623 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 70.6  | 57.7  | 86.5   |
| 51       | 38.2  | 28.5  | 42.7   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 29.37 ng

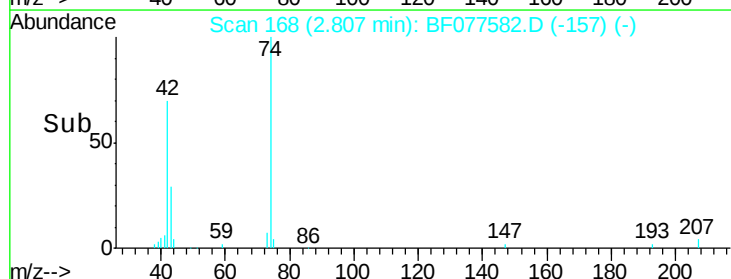
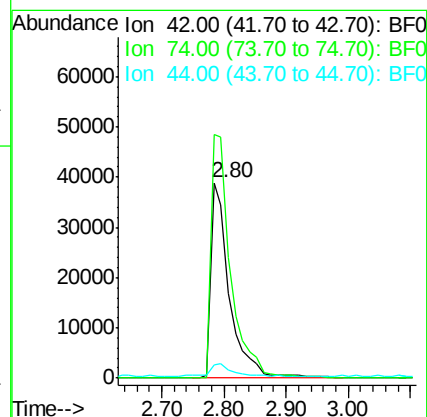
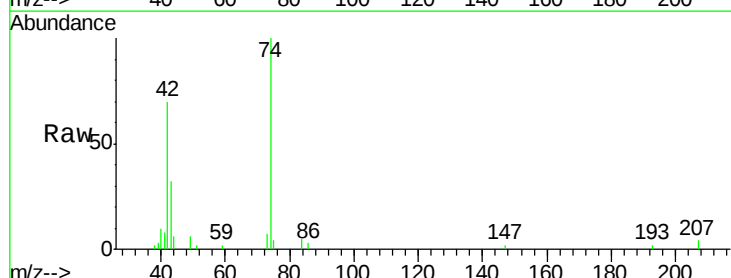
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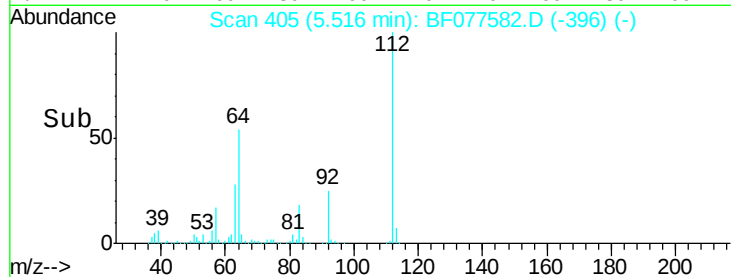
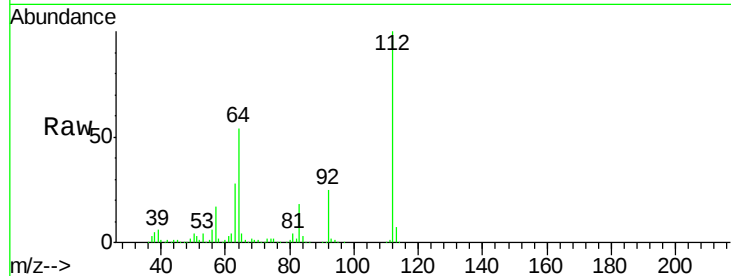
Delta R.T. 0.03 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 80203 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 142.9 | 107.1 | 160.7 |
| 44       | 9.1   | 6.7   | 10.1  |





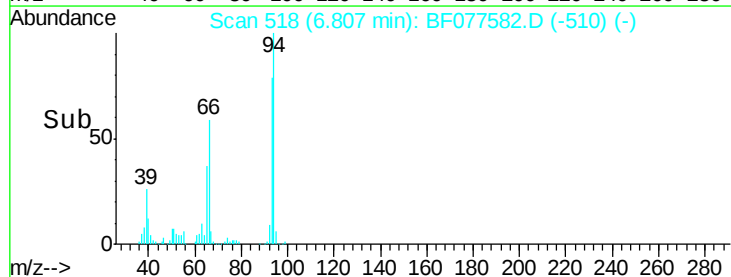
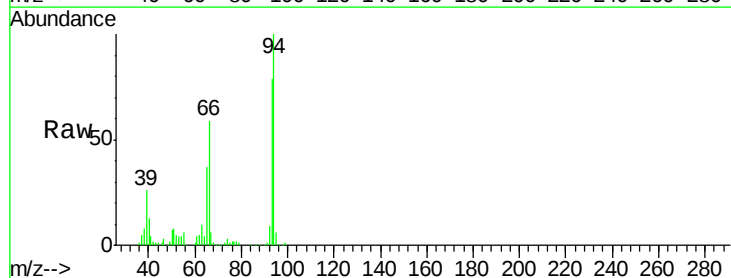
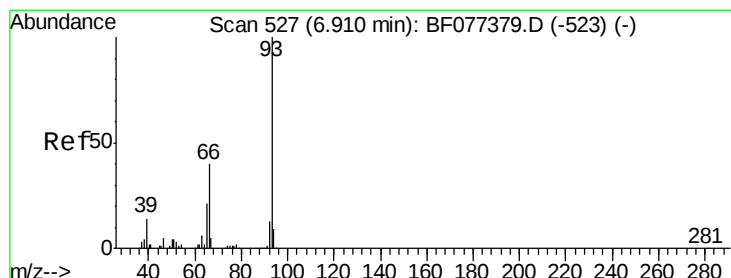
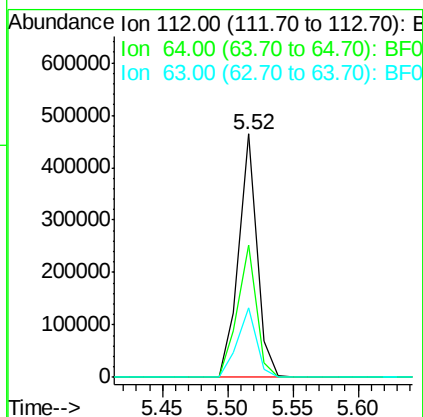
#5  
2-Fluorophenol  
Concen: 87.87 ng  
RT: 5.52 min Scan# 405  
Delta R.T. 0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 112     | 100   |            |            |
| 64      | 54.4  | 48.5       | 72.7       |
| 63      | 28.4  | 25.0       | 37.4       |

Instrument :  
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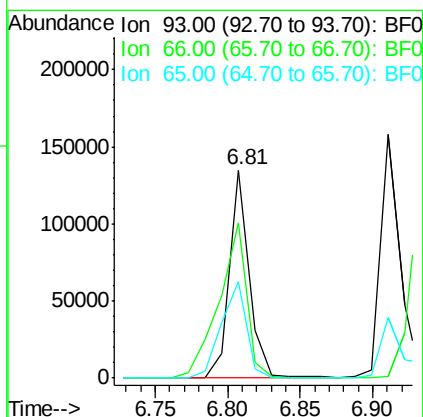
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#6  
Aniline  
Concen: 13.91 ng  
RT: 6.81 min Scan# 518  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 66      | 74.5  | 29.1       | 43.7#      |
| 65      | 46.7  | 14.6       | 22.0#      |





#7

Phenol-d6

Concen: 81.09 ng

RT: 6.79 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077582.D

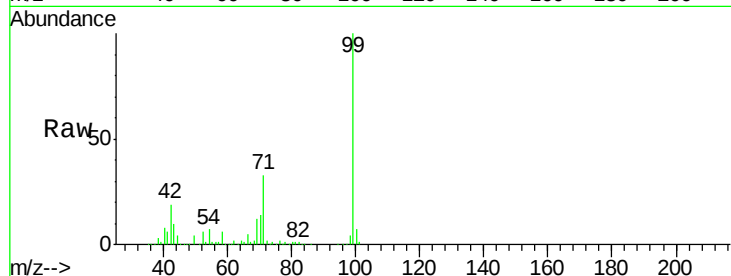
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Instrument :

BNA\_F

ClientSampleId :

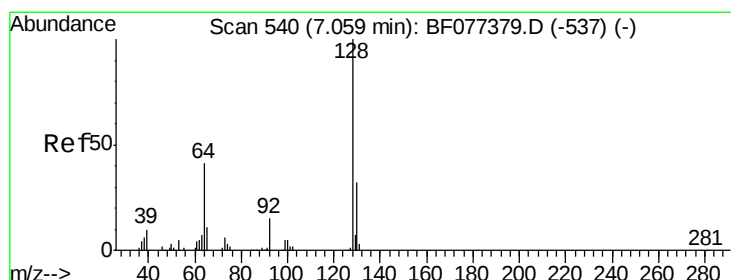
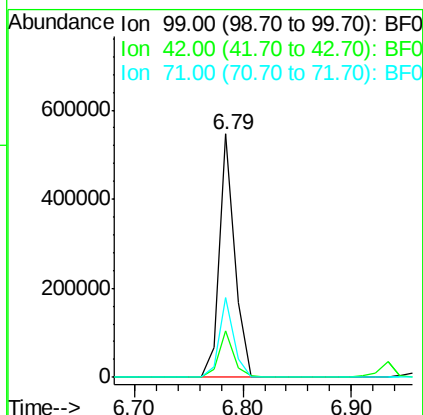
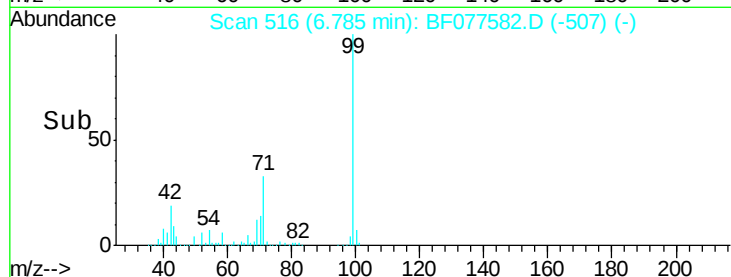
PB81951BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 19.0  | 16.2  | 24.4  |
| 71      | 32.9  | 26.7  | 40.1  |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 27.08 ng

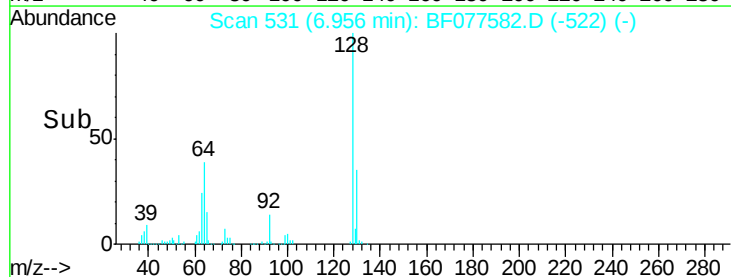
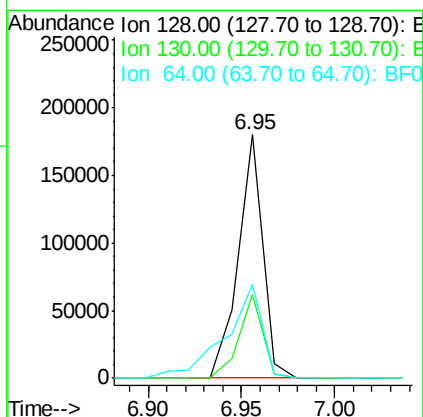
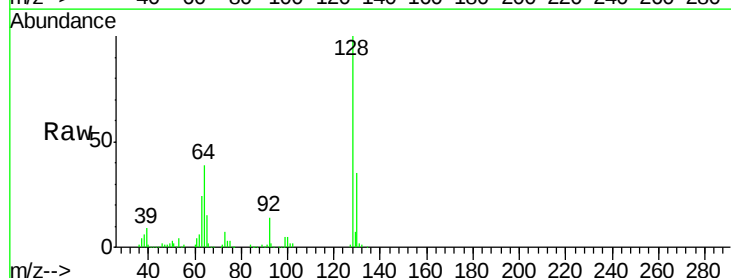
RT: 6.95 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 130     | 34.6  | 12.0  | 52.0  |
| 64      | 38.6  | 29.2  | 69.2  |





#9

Benzaldehyde

Concen: 7.38 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

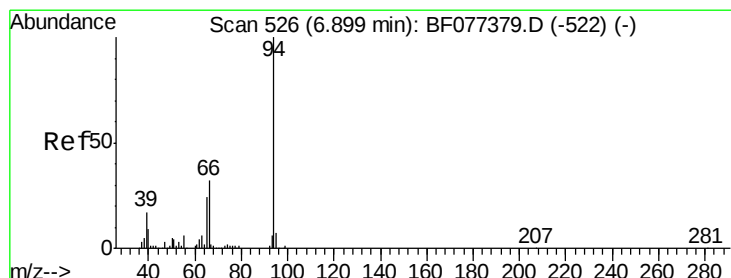
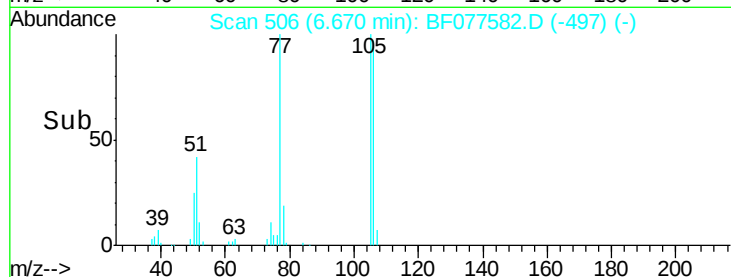
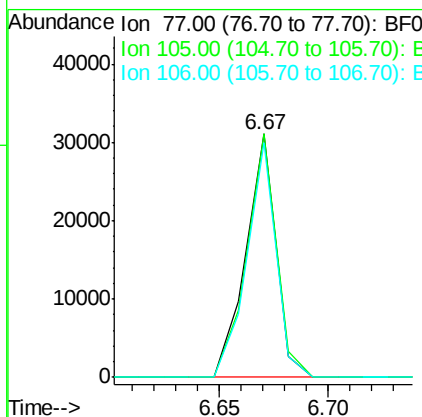
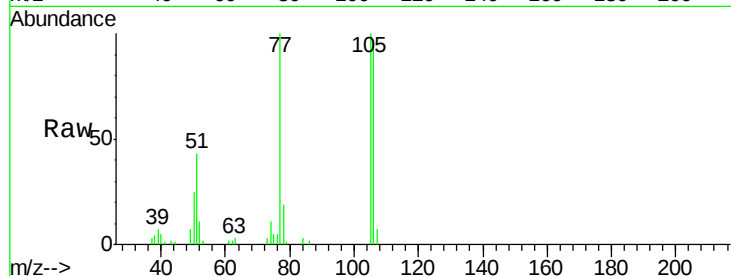
ClientSampleId :

PB81951BS

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 29823 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 100.0 | 85.9  | 125.9 |
| 106      | 96.6  | 82.9  | 122.9 |



#10

Phenol

Concen: 24.44 ng

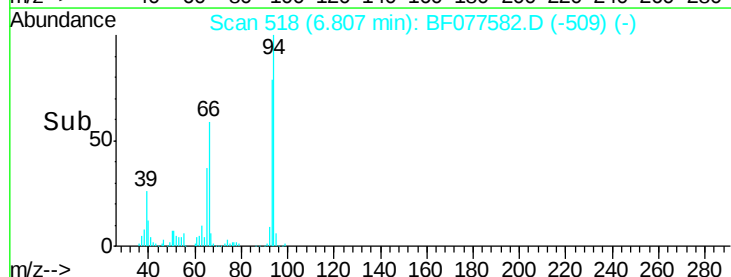
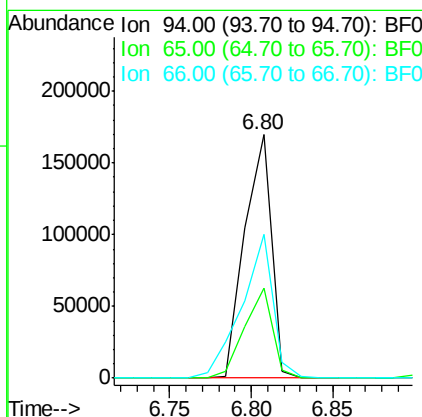
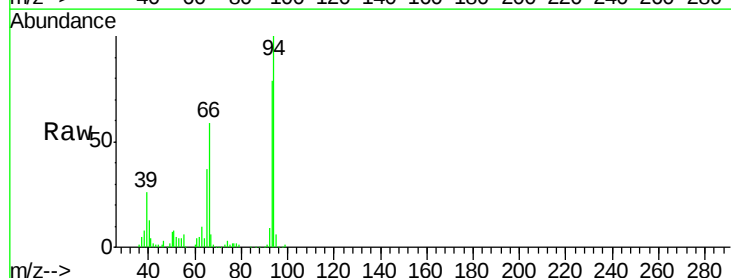
RT: 6.80 min Scan# 518

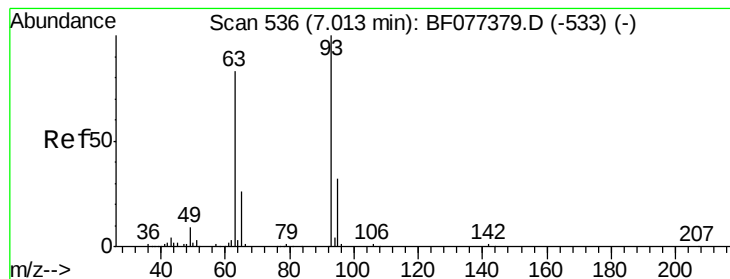
Delta R.T. -0.00 min

Lab File: BF077582.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 192910 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 37.1  | 5.7   | 45.7   |
| 66       | 59.1  | 13.6  | 53.6   |





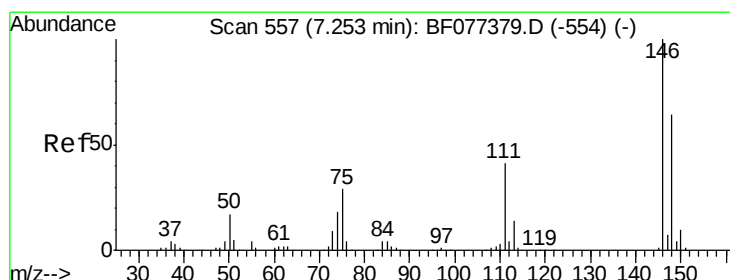
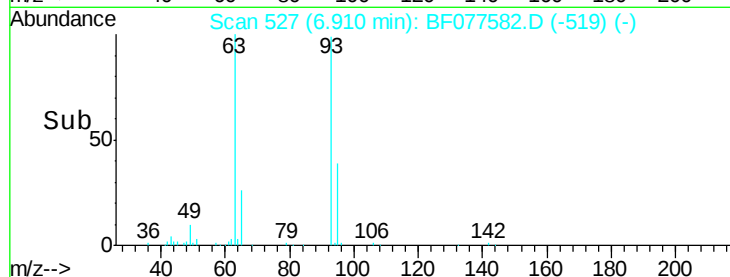
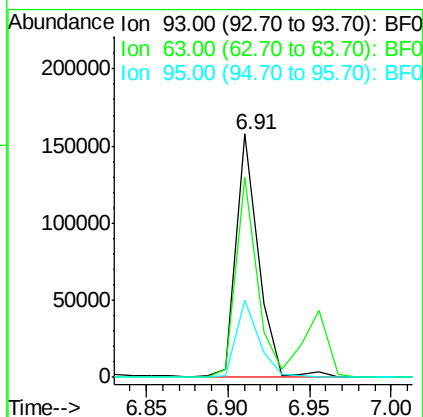
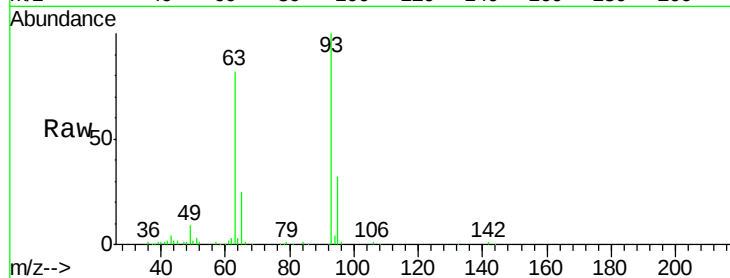
#11  
bis(2-Chloroethyl)ether  
Concen: 26.07 ng  
RT: 6.91 min Scan# 527  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 82.3  | 48.7  | 88.7  |
| 95      | 32.0  | 13.6  | 53.6  |

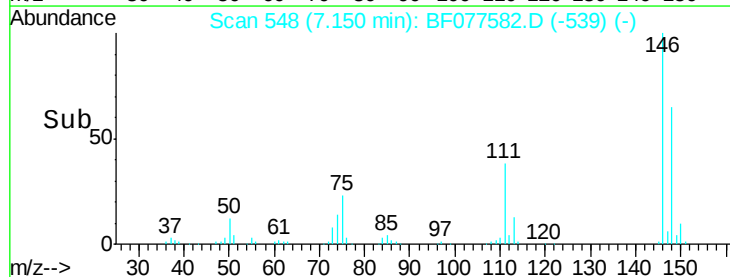
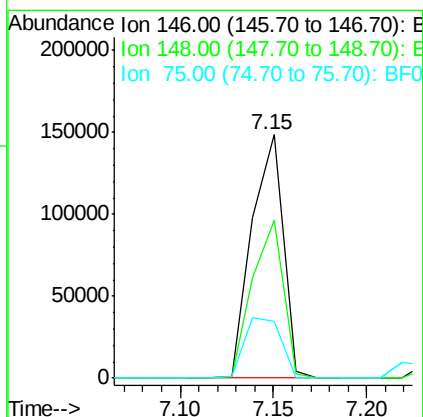
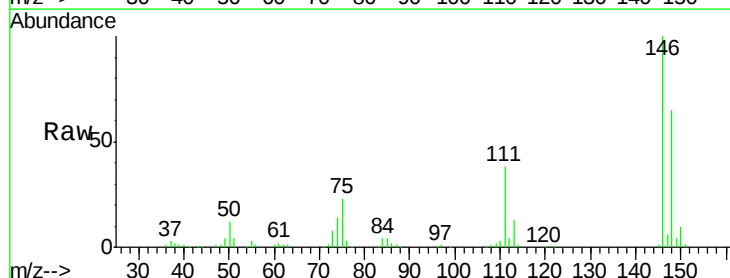
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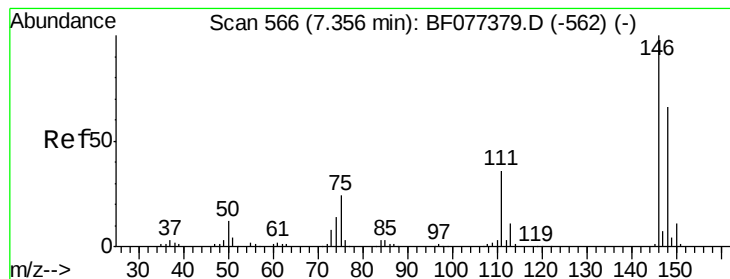
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#12  
1,3-Dichlorobenzene  
Concen: 25.98 ng  
RT: 7.15 min Scan# 548  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 49.8  | 74.8  |
| 75      | 23.2  | 28.2  | 42.4  |





#13

1,4-Dichlorobenzene

Concen: 25.32 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

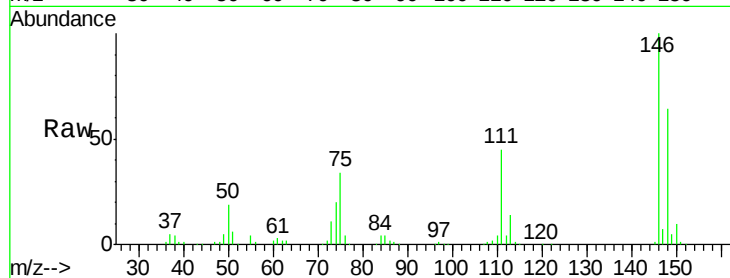
ClientSampleId :

PB81951BS

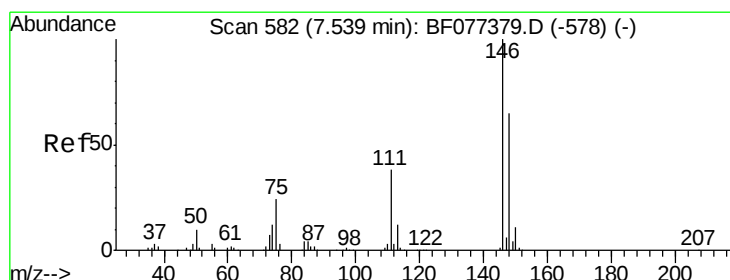
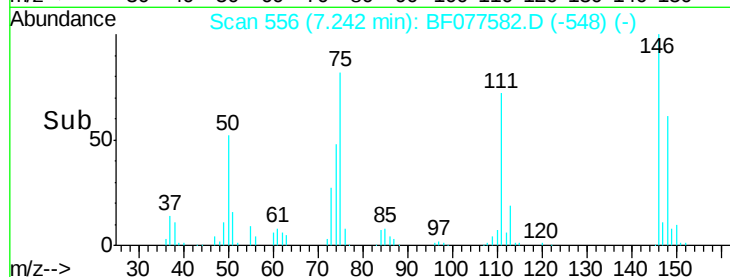
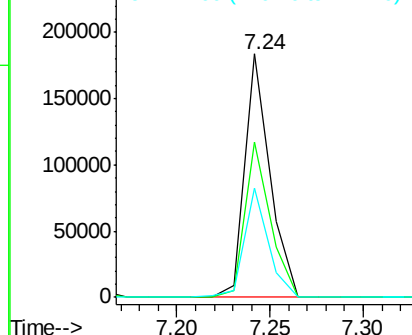
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 171215 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.0  | 52.0  | 78.0   |
| 111       | 44.9  | 31.9  | 47.9   |

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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: 25.84 ng

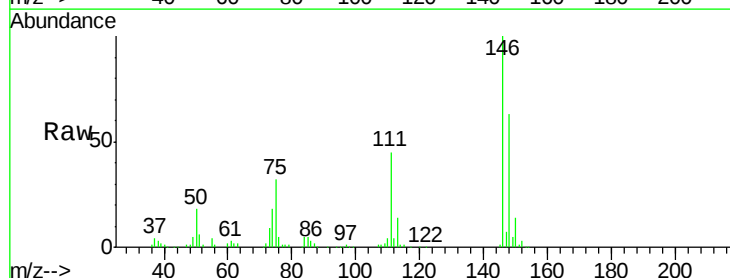
RT: 7.43 min Scan# 572

Delta R.T. -0.00 min

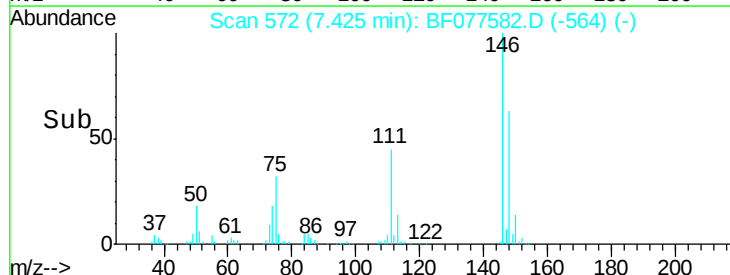
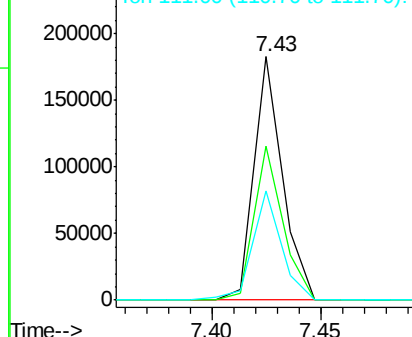
Lab File: BF077582.D

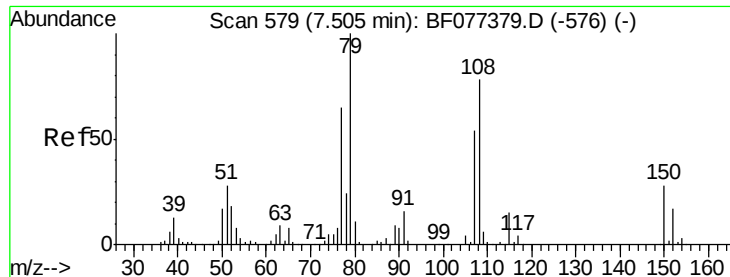
Acq: 4 Mar 2015 14:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 166161 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 51.6  | 77.4   |
| 111       | 44.8  | 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: 25.67 ng

RT: 7.40 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

PB81951BS

Tgt Ion: 79 Resp: 129834

Ion Ratio Lower Upper

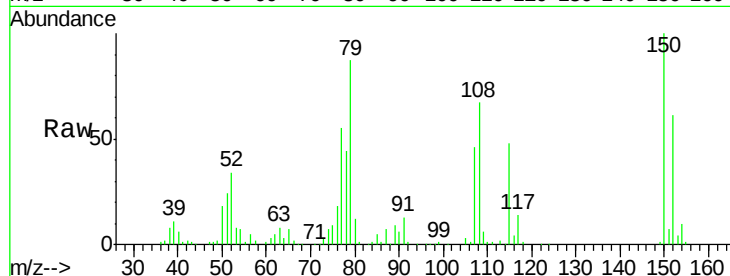
79 100

108 77.1 58.3 87.5

77 63.0 51.3 76.9

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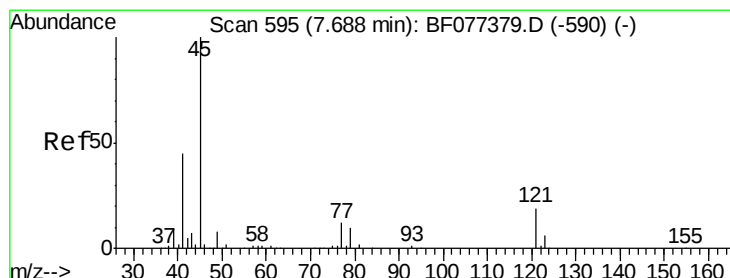
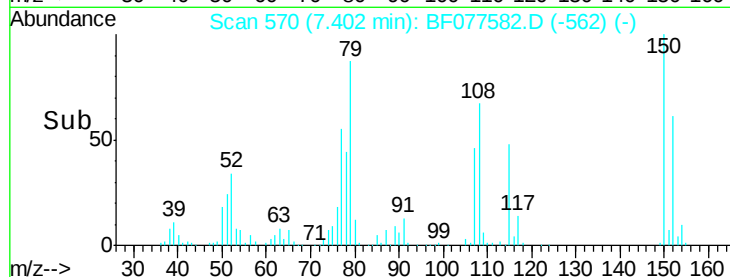
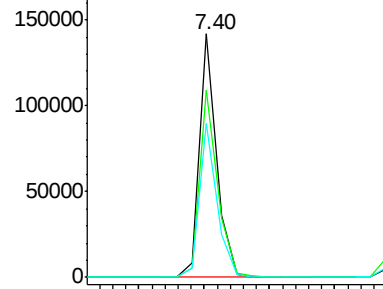
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Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 25.16 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

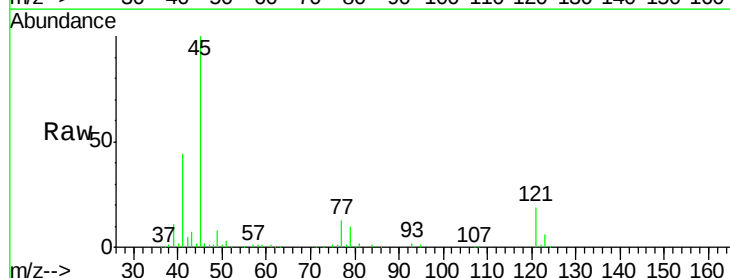
Tgt Ion: 45 Resp: 204023

Ion Ratio Lower Upper

45 100

77 12.9 0.0 34.6

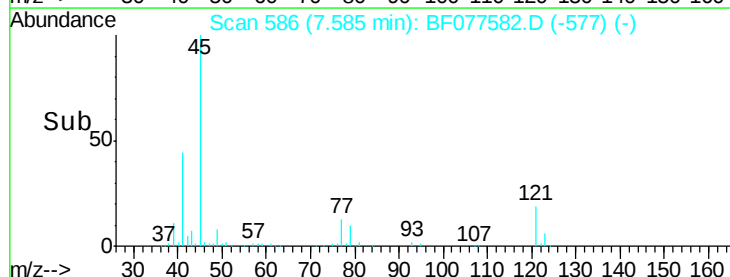
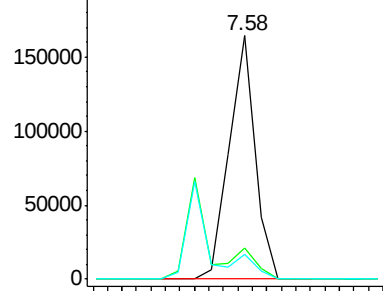
79 10.0 0.0 31.5

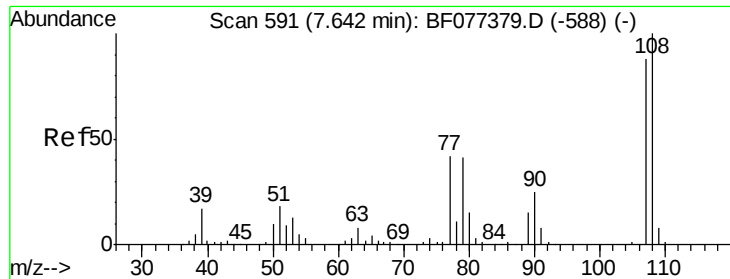


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

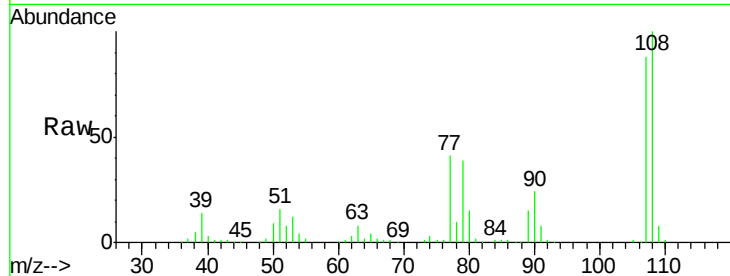
Ion 79.00 (78.70 to 79.70): BF0





#17  
2-Methylphenol  
Concen: 26.70 ng  
RT: 7.55 min Scan# 583  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

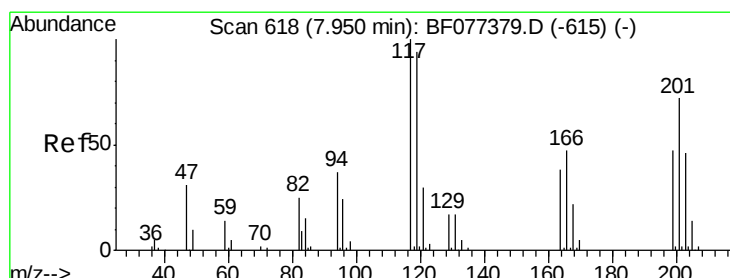
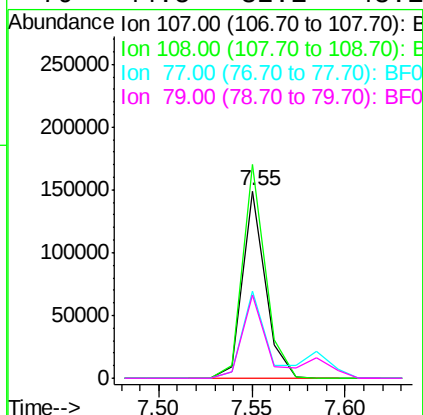
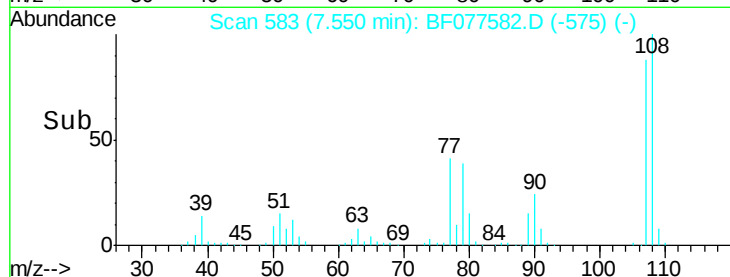
Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 127366 |       |       |
| 108     | 113.9 | 91.2   | 136.8 |       |
| 77      | 46.1  | 33.6   | 50.4  |       |
| 79      | 44.5  | 32.1   | 48.1  |       |

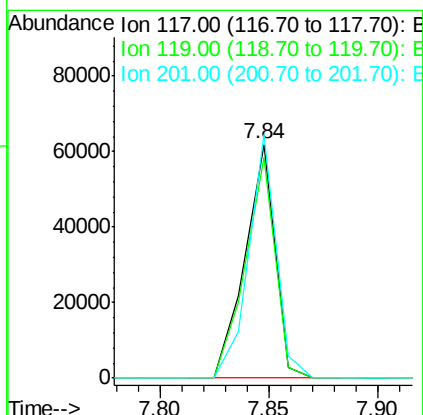
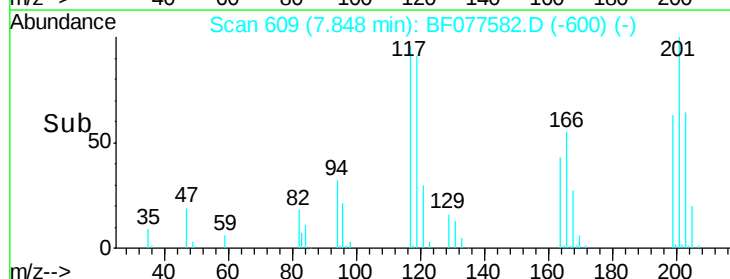
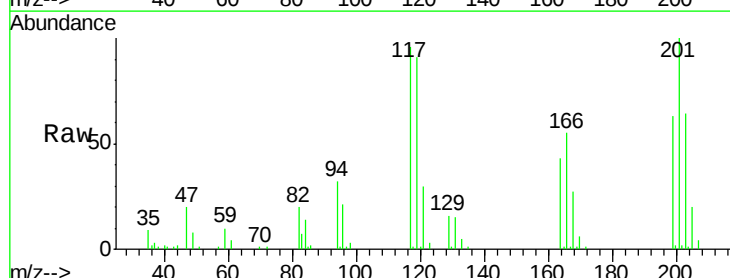
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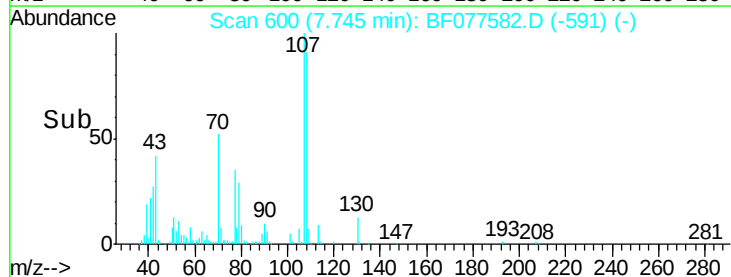
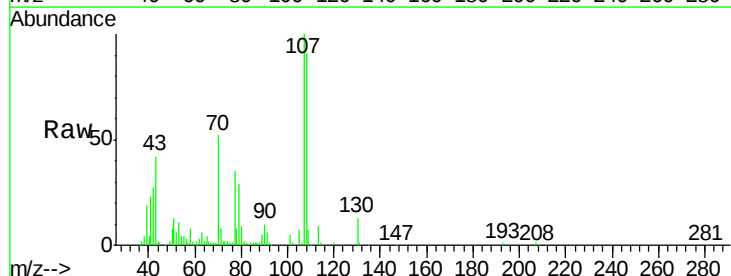
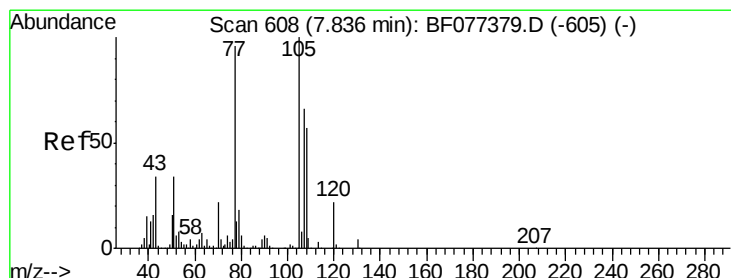
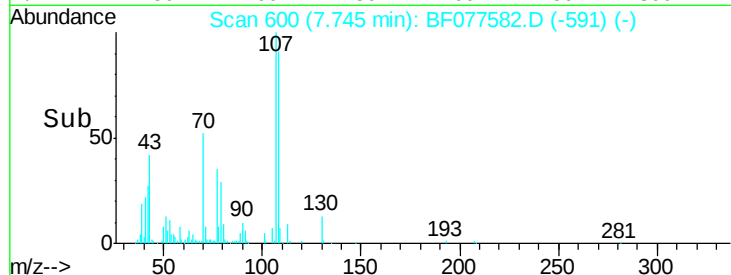
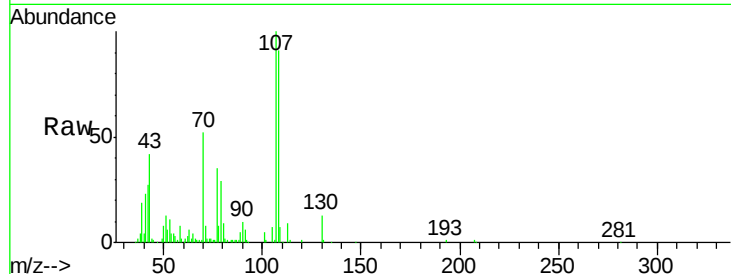
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#18  
Hexachloroethane  
Concen: 26.29 ng  
RT: 7.84 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 59360 |       |       |
| 119     | 94.4  | 77.8  | 116.8 |       |
| 201     | 104.3 | 90.6  | 136.0 |       |

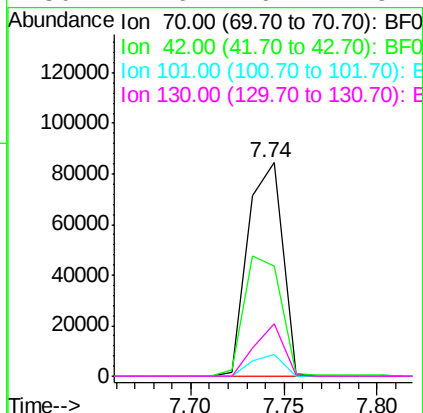




#19  
n-Nitroso-di-n-propylamine  
Concen: 25.76 ng  
RT: 7.74 min Scan# 600  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 51.8  | 48.3  | 72.5  |
| 101     | 10.3  | 7.5   | 11.3  |
| 130     | 24.6  | 16.7  | 25.1  |

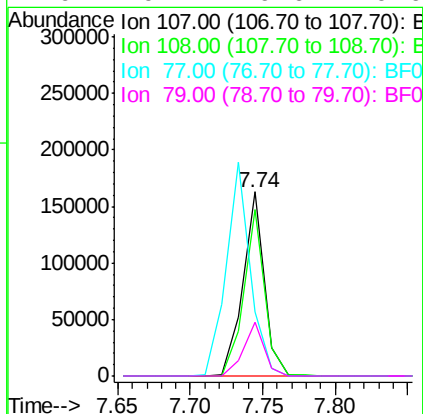


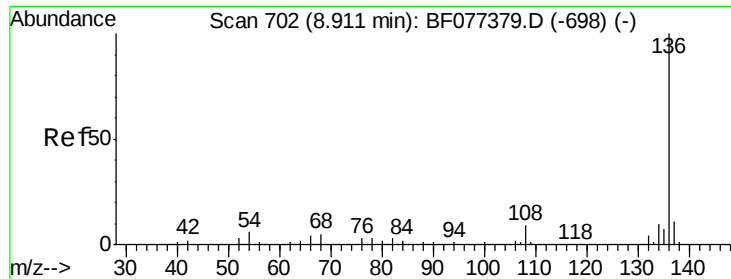
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#20  
3+4-Methylphenols  
Concen: 26.51 ng  
RT: 7.74 min Scan# 600  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 90.8  | 76.8  | 116.8  |
| 77      | 34.7  | 65.8  | 105.8# |
| 79      | 29.2  | 9.6   | 49.6   |





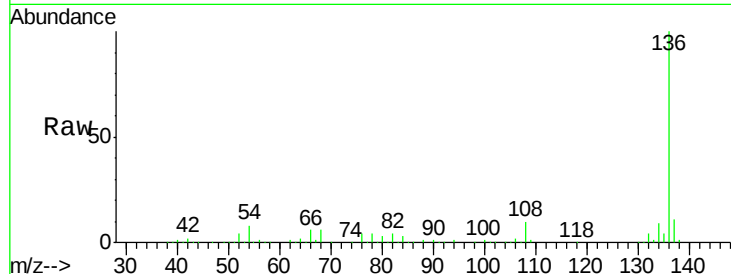
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.80 min Scan# 692  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

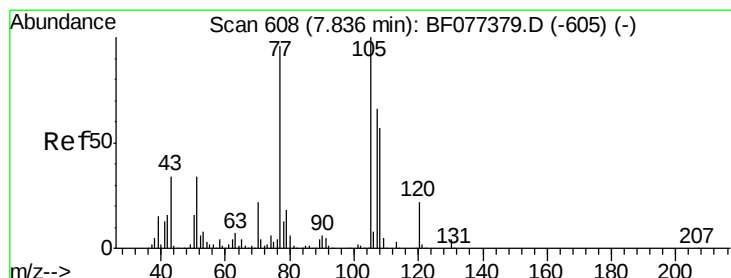
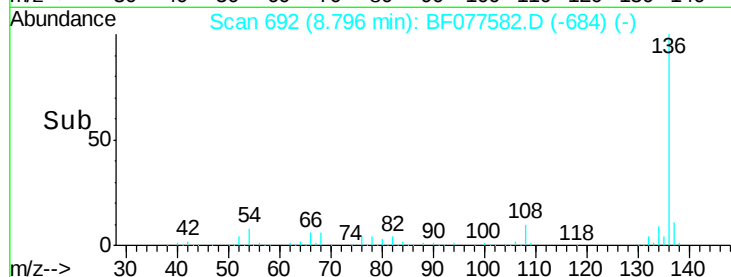
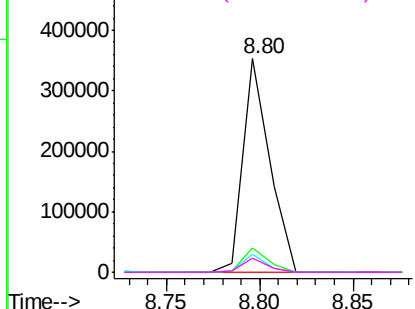
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 350859 |       |       |
| 137     | 11.1  | 8.6    | 13.0  |       |
| 54      | 8.3   | 6.2    | 9.4   |       |
| 68      | 6.4   | 5.0    | 7.6   |       |

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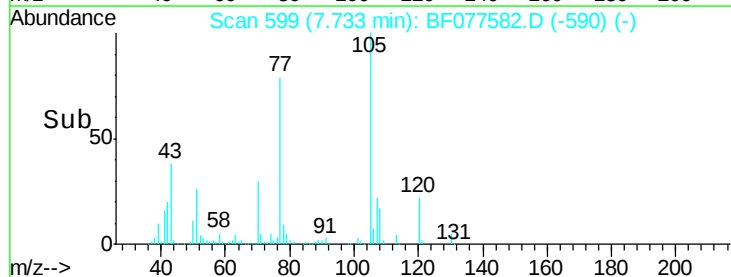
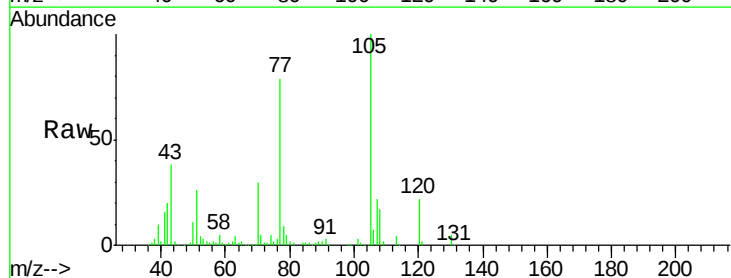
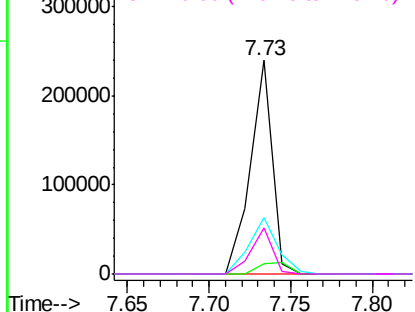
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

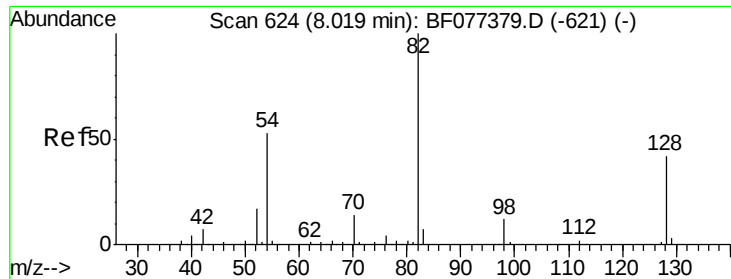


#22  
Acetophenone  
Concen: 27.00 ng  
RT: 7.73 min Scan# 599  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 222835 |       |       |
| 71      | 4.8   | 1.7    | 2.5#  |       |
| 51      | 26.3  | 30.7   | 46.1# |       |
| 120     | 21.8  | 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





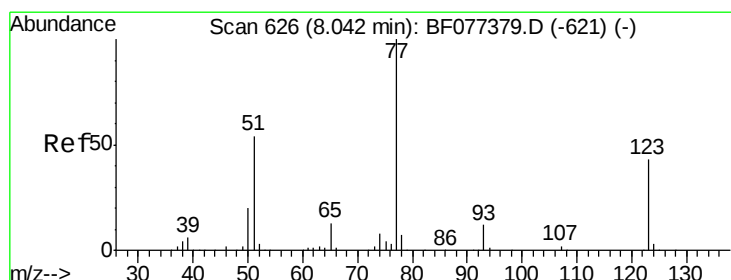
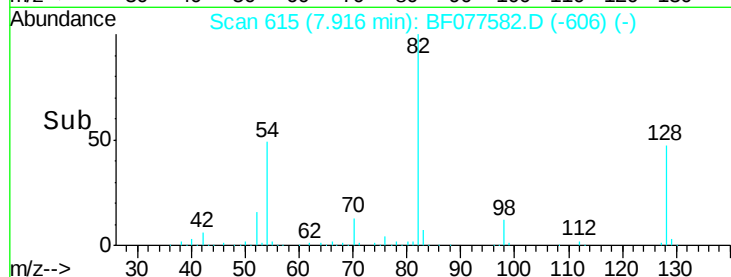
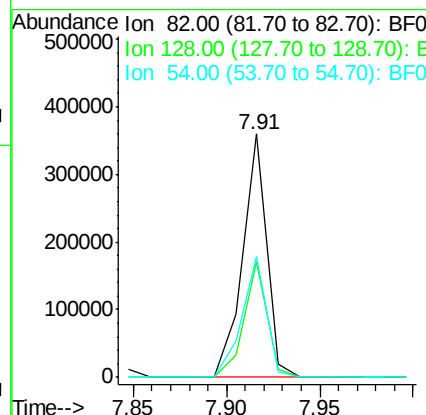
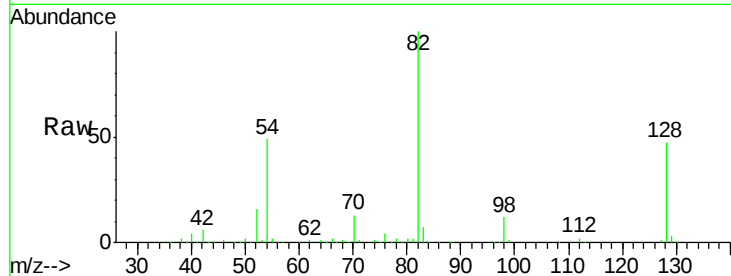
#23  
 Nitrobenzene-d5  
 Concen: 57.47 ng  
 RT: 7.91 min Scan# 615  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB81951BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 82      | 100   |            |            |
| 128     | 47.4  | 43.8       | 65.8       |
| 54      | 49.5  | 36.7       | 55.1       |

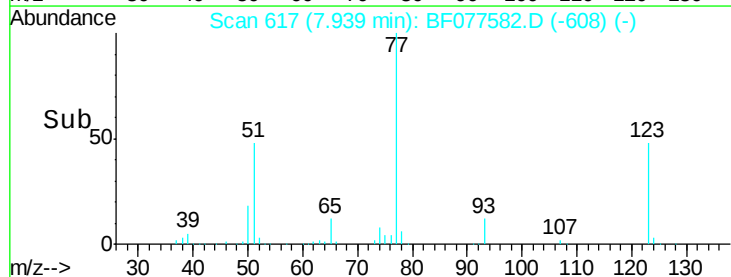
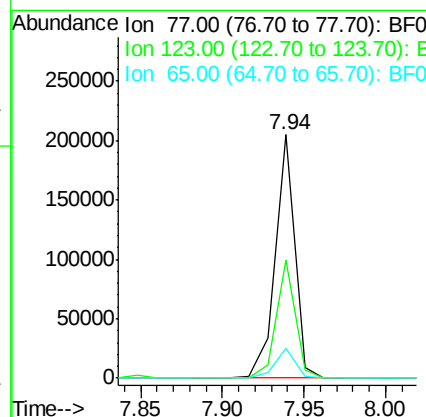
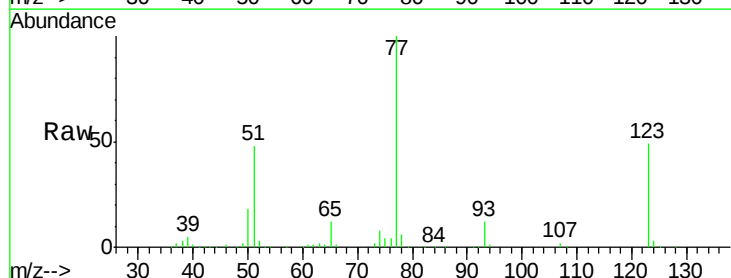
Manual Integrations  
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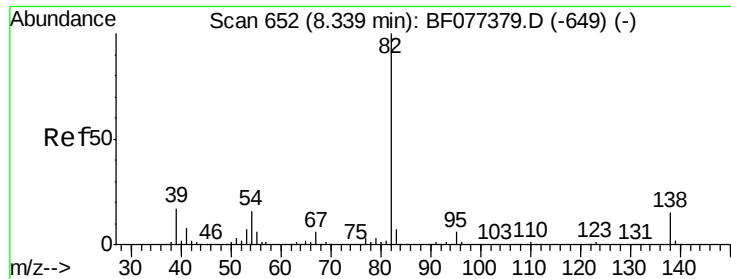
mohammad  
 3/5/2015 12:47:43 PM



#24  
 Nitrobenzene  
 Concen: 28.75 ng  
 RT: 7.94 min Scan# 617  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 77      | 100   |            |            |
| 123     | 48.5  | 45.9       | 68.9       |
| 65      | 12.4  | 9.5        | 14.3       |





#25

Isophorone

Concen: 25.52 ng

RT: 8.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

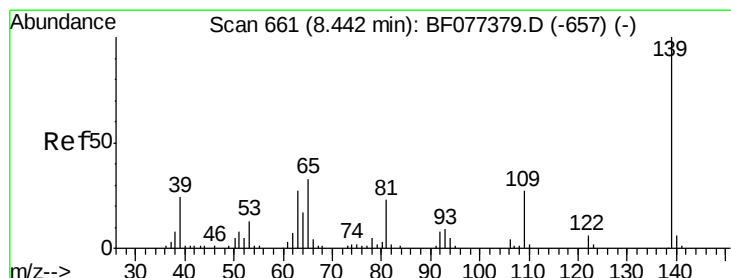
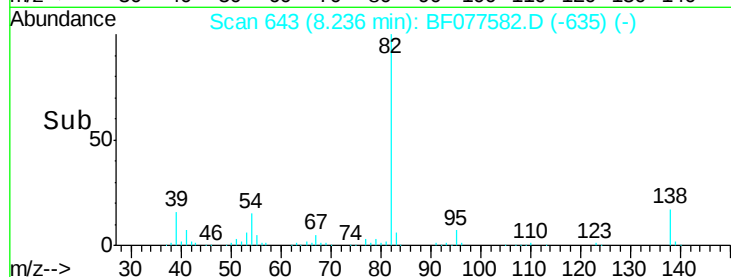
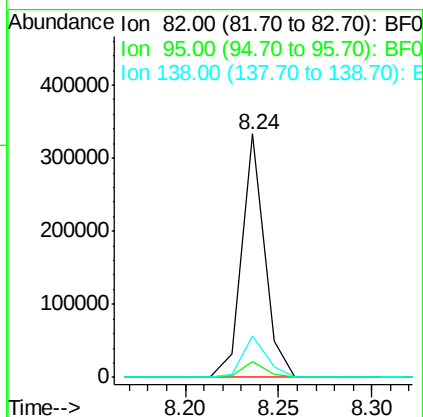
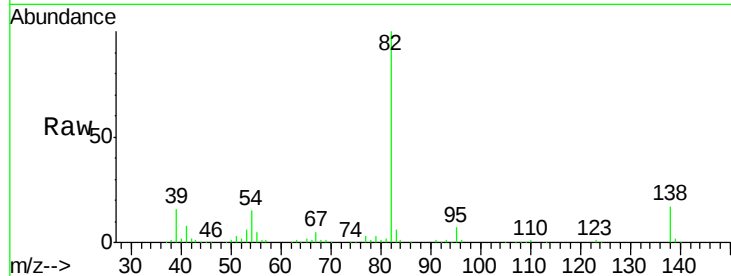
ClientSampleId :

PB81951BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 285666 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.5  | 5.4   | 8.2    |
| 138       | 17.3 | 16.3  | 24.5   |

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#26

2-Nitrophenol

Concen: 30.81 ng

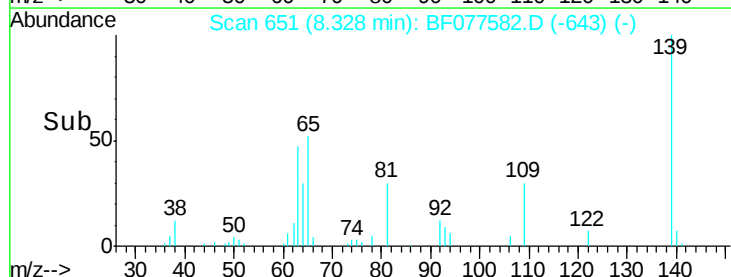
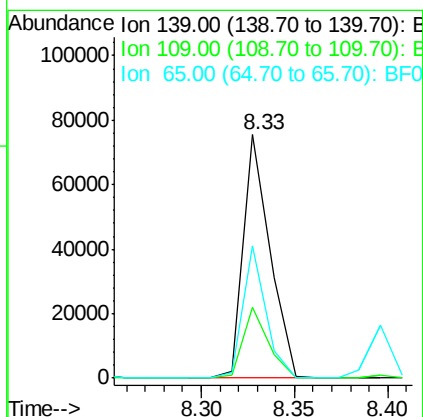
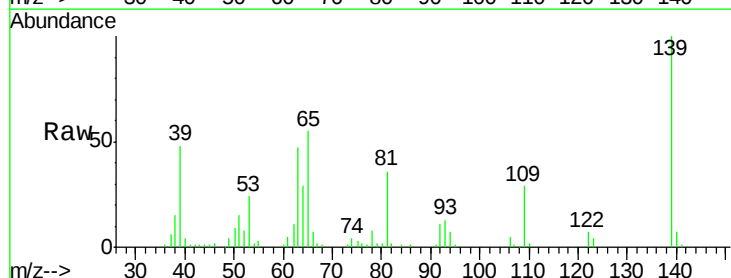
RT: 8.33 min Scan# 651

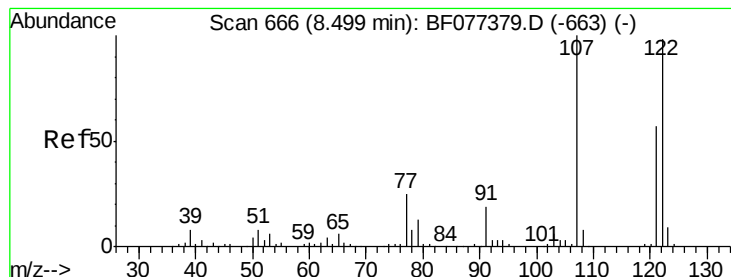
Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 74959 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 29.3 | 22.6  | 34.0  |
| 65        | 54.5 | 36.4  | 54.6  |





#27

2,4-Dimethylphenol

Concen: 27.08 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

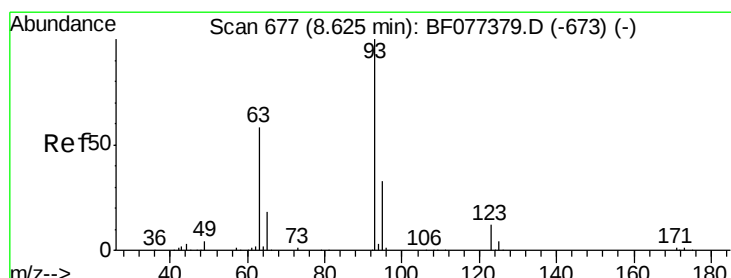
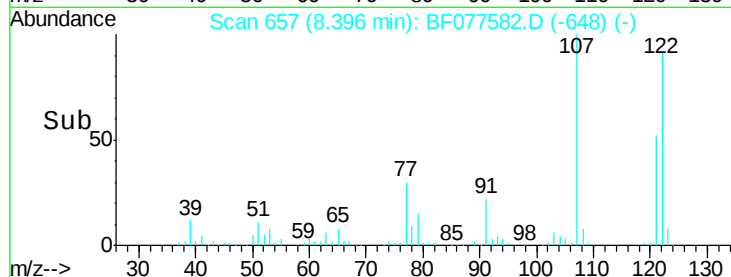
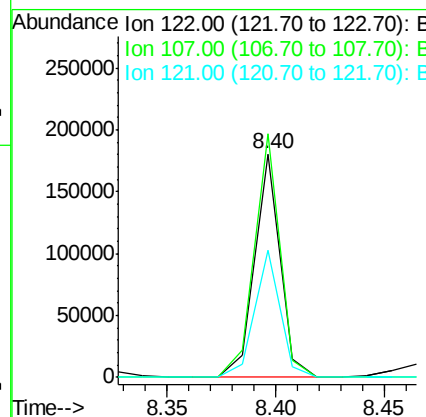
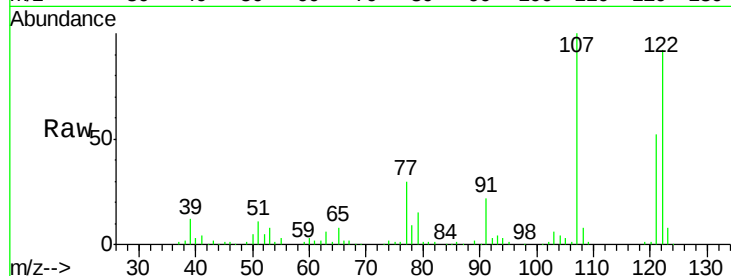
ClientSampleId :

PB81951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 147438 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 108.9 | 86.6  | 130.0  |
| 121       | 56.9  | 47.4  | 71.0   |

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#28

bis(2-Chloroethoxy)methane

Concen: 26.07 ng

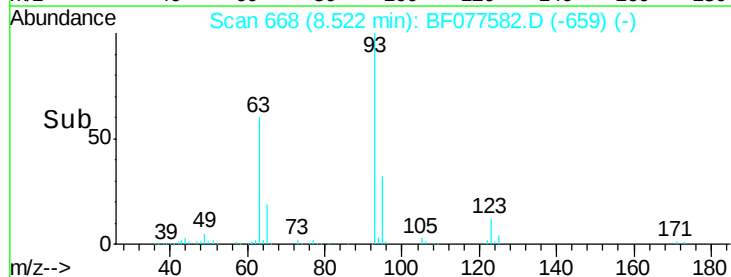
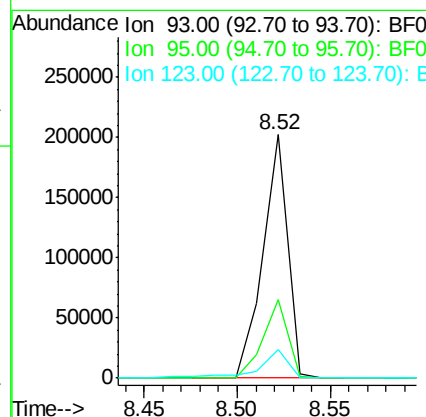
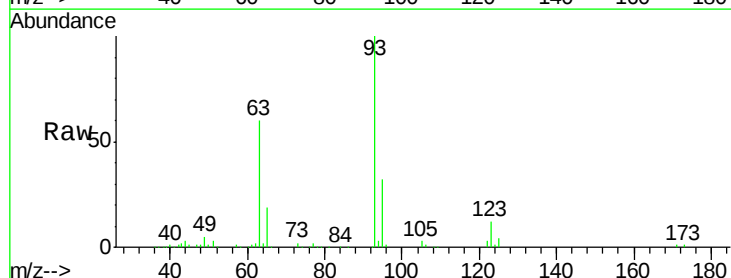
RT: 8.52 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 184389 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.3  | 26.4  | 39.6   |
| 123       | 11.6  | 8.7   | 13.1   |





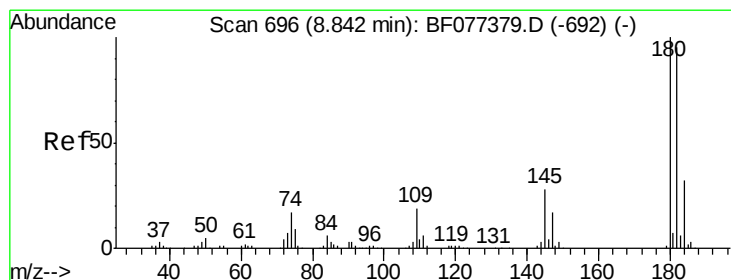
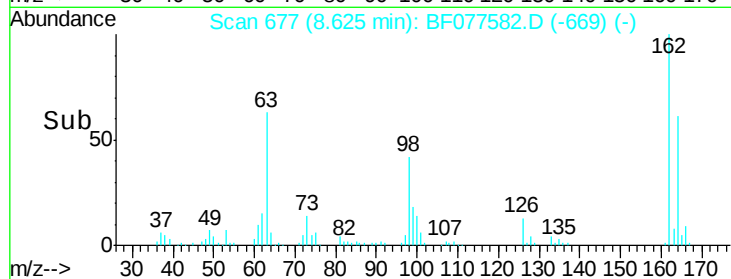
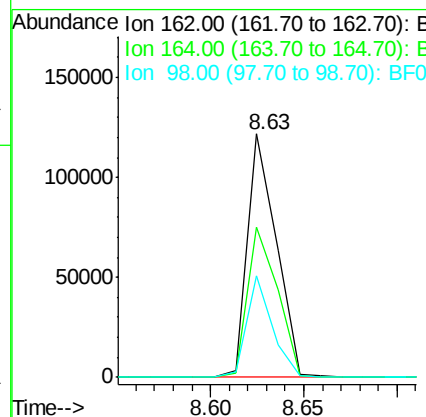
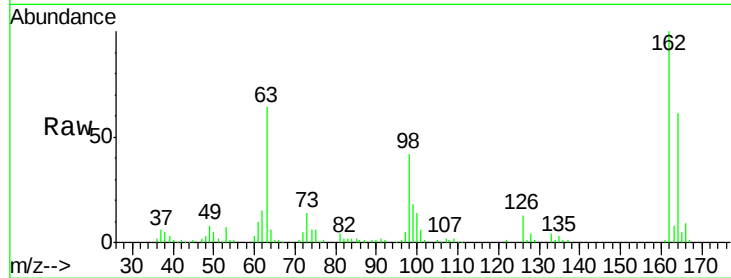
#29  
 2,4-Dichlorophenol  
 Concen: 25.68 ng  
 RT: 8.63 min Scan# 677  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 131204 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 61.4  | 46.4  | 86.4   |
| 98        | 42.0  | 6.9   | 46.9   |

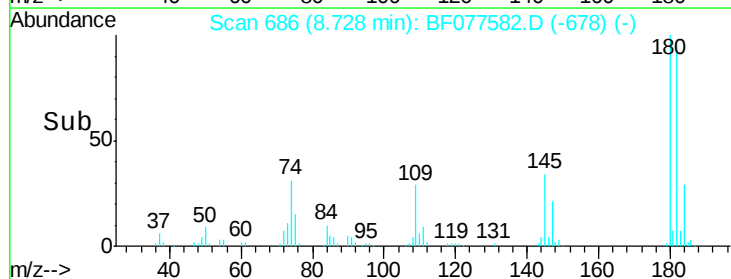
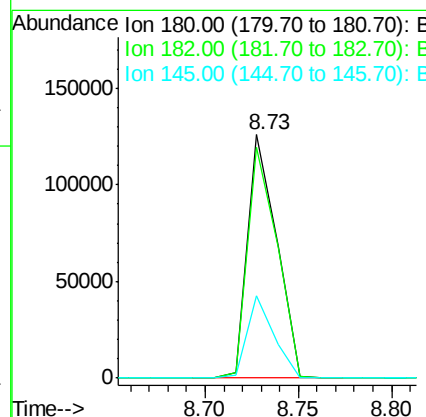
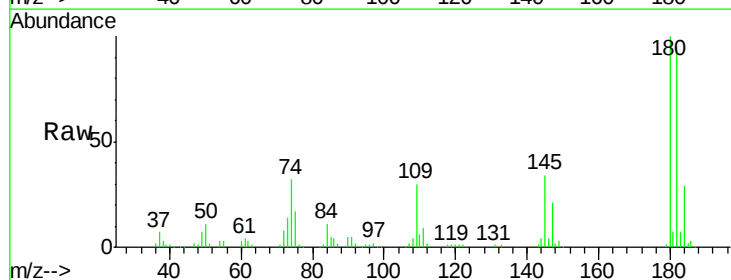
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 24.17 ng  
 RT: 8.73 min Scan# 686  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 135797 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.0  | 76.2  | 114.4  |
| 145       | 33.7  | 24.5  | 36.7   |





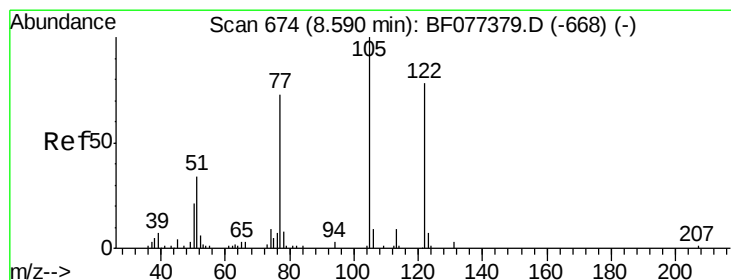
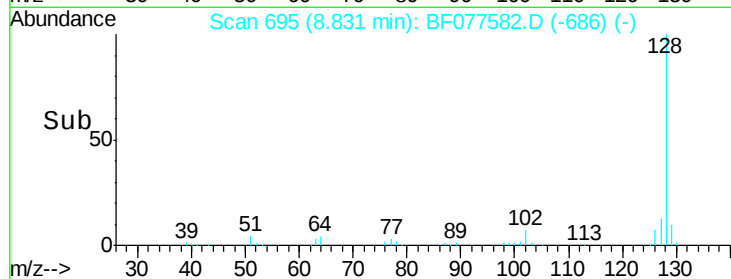
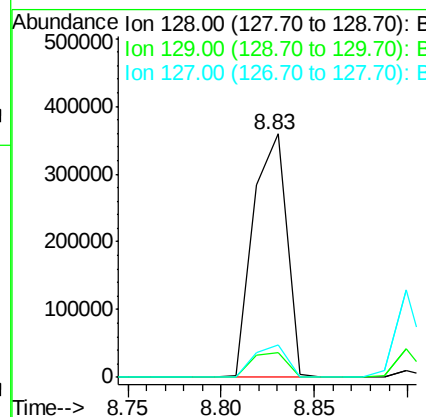
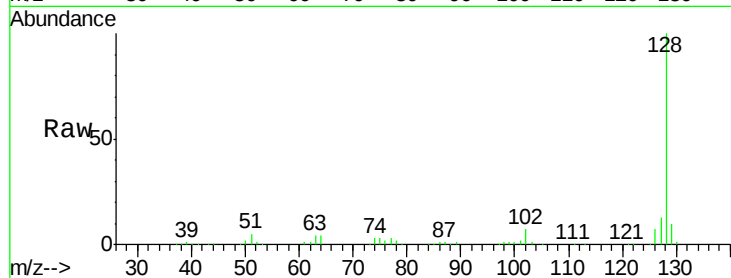
#31  
Naphthalene  
Concen: 25.44 ng  
RT: 8.83 min Scan# 695  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 446352 |       |       |
| 129     | 10.4  |        | 9.4   | 14.0  |
| 127     | 13.2  |        | 10.6  | 15.8  |

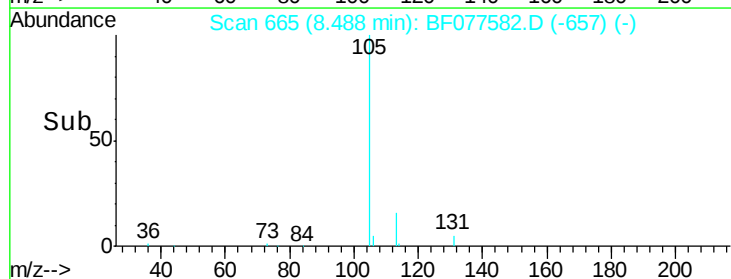
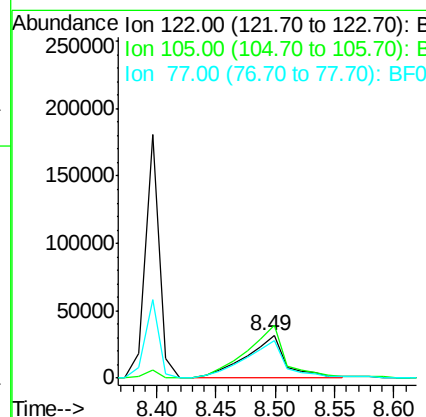
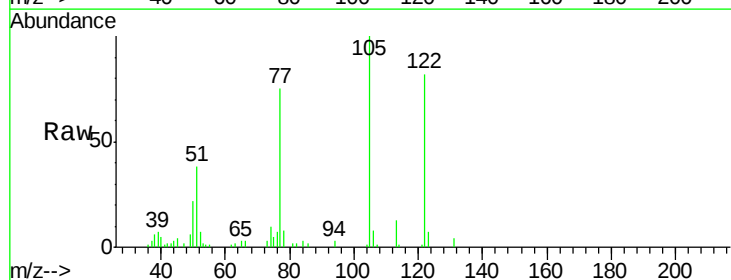
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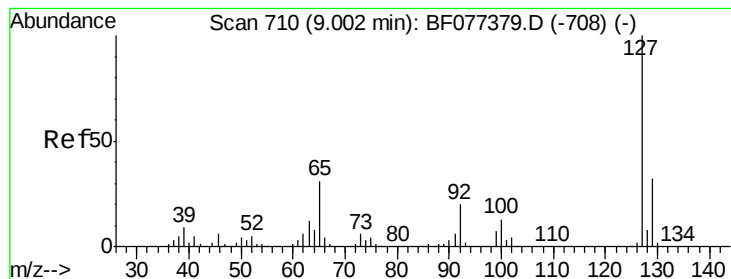
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#32  
Benzoic acid  
Concen: 27.33 ng  
RT: 8.49 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 72285 |       |       |
| 105     | 122.6 |       | 100.3 | 140.3 |
| 77      | 92.2  |       | 68.7  | 108.7 |





#33

4-Chloroaniline

Concen: 14.75 ng

RT: 8.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF077582.D

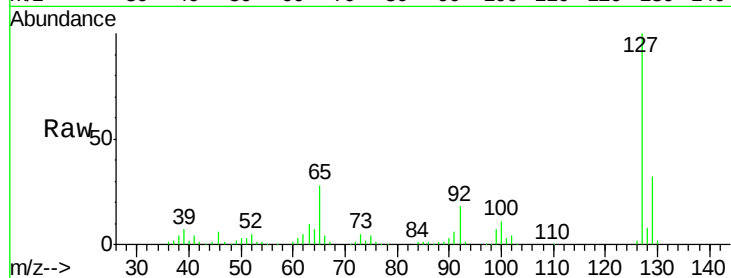
Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

ClientSampleId :

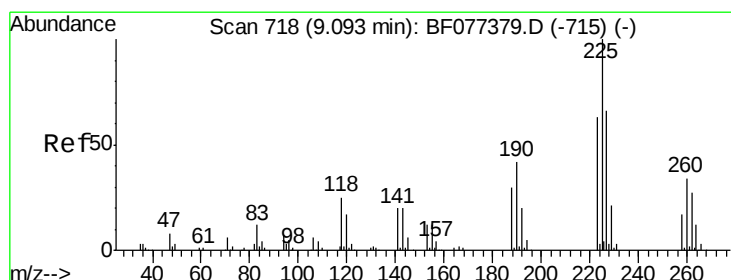
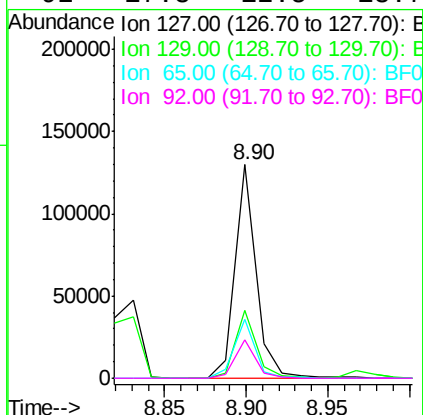
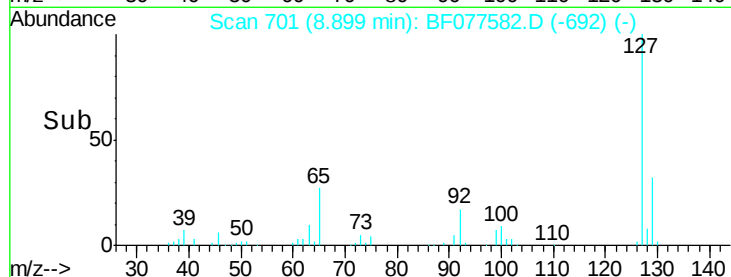
PB81951BS



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 31.8  | 26.9 | 40.3  |       |
| 65      | 27.7  | 16.7 | 25.1  |       |
| 92      | 17.8  | 12.5 | 18.7  |       |

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#34

Hexachlorobutadiene

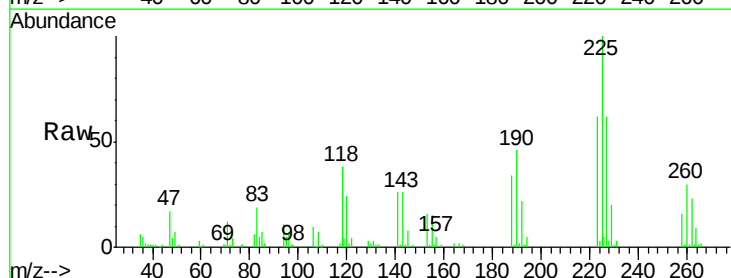
Concen: 24.14 ng

RT: 8.98 min Scan# 708

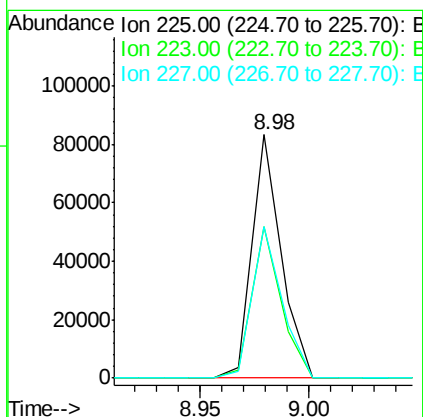
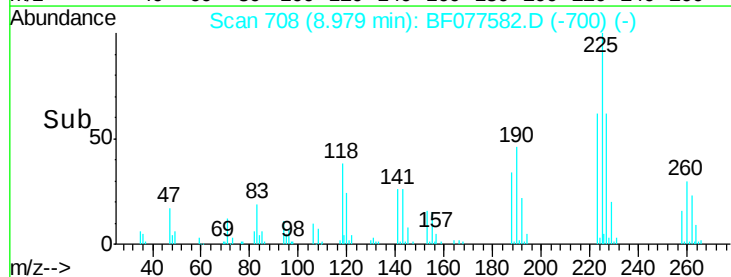
Delta R.T. -0.00 min

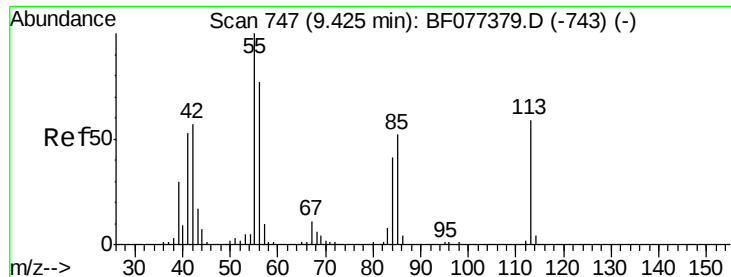
Lab File: BF077582.D

Acq: 4 Mar 2015 14:30



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.3  | 49.5 | 74.3  |       |
| 227     | 62.0  | 50.5 | 75.7  |       |





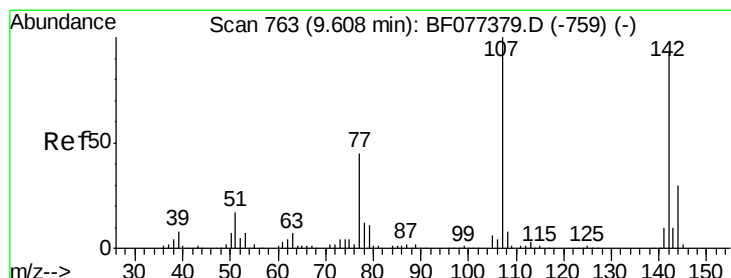
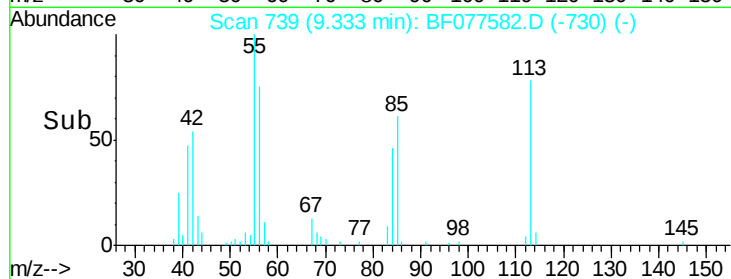
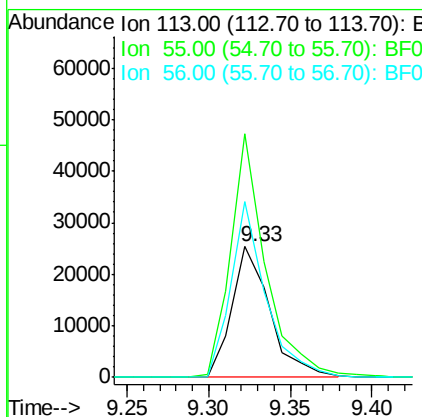
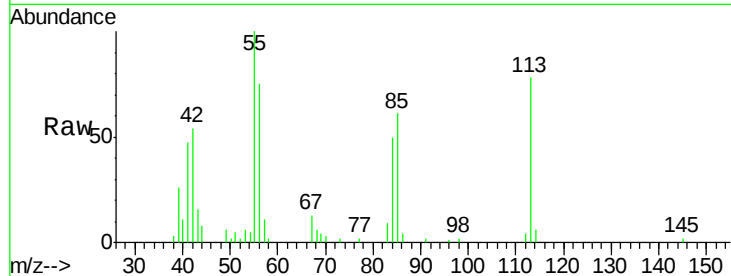
#35  
 Caprolactam  
 Concen: 26.29 ng  
 RT: 9.33 min Scan# 739  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS

Tgt Ion:113 Resp: 41010  
 Ion Ratio Lower Upper  
 113 100  
 55 128.1 154.6 194.6#  
 56 95.9 114.0 154.0#

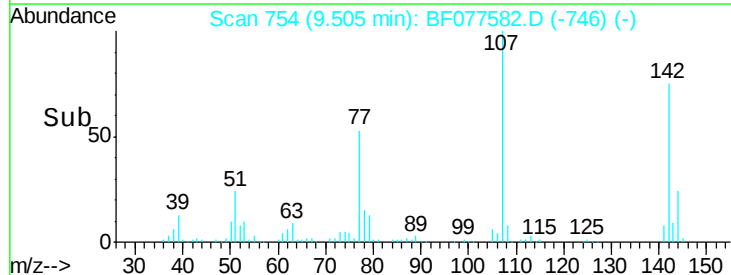
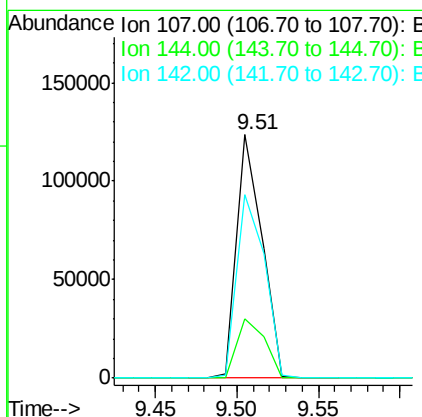
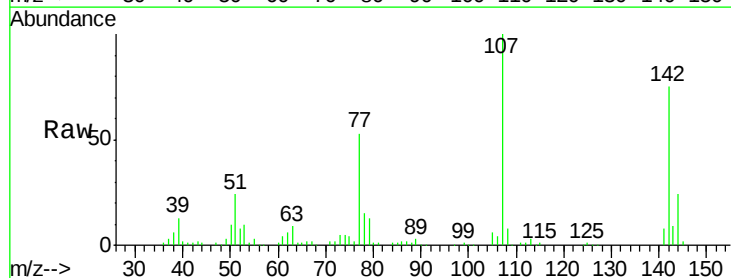
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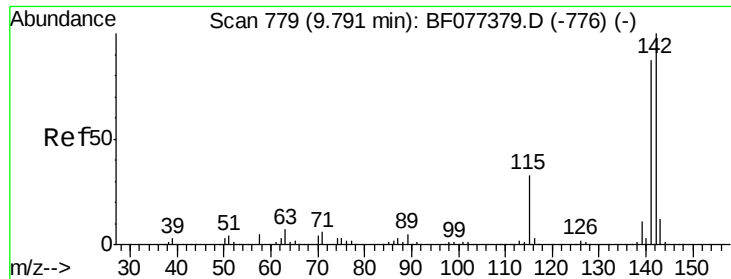
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#36  
 4-Chloro-3-methylphenol  
 Concen: 25.86 ng  
 RT: 9.51 min Scan# 754  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Tgt Ion:107 Resp: 132851  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 21.1 31.7  
 142 75.1 65.3 97.9





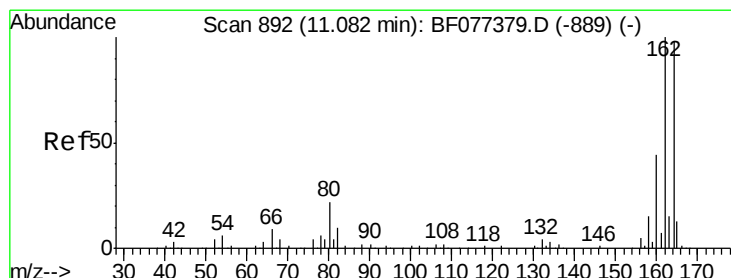
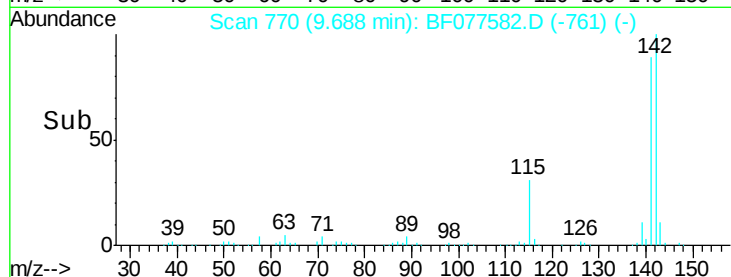
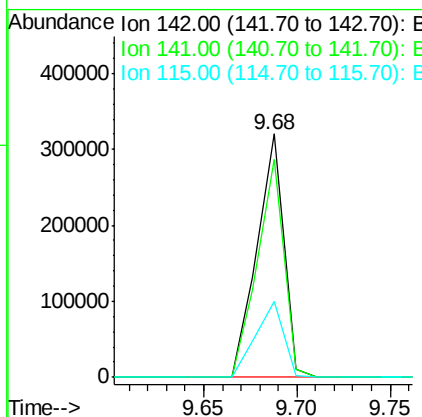
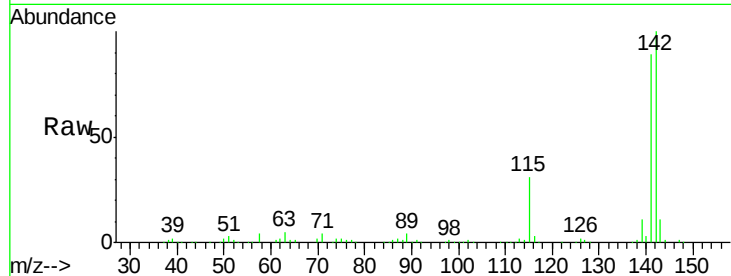
#37  
2-Methylnaphthalene  
Concen: 25.53 ng  
RT: 9.68 min Scan# 770  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 70.7  | 106.1 |
| 115     | 31.1  | 24.2  | 36.4  |

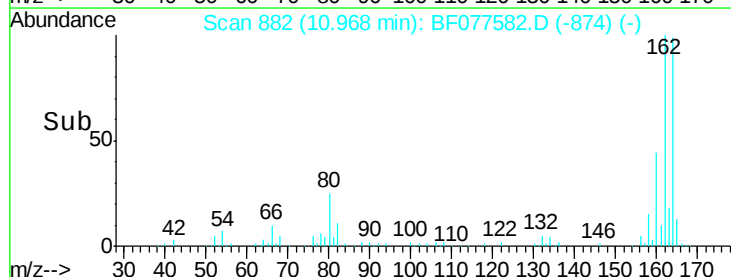
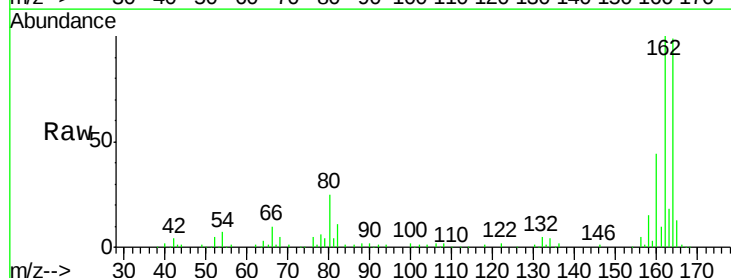
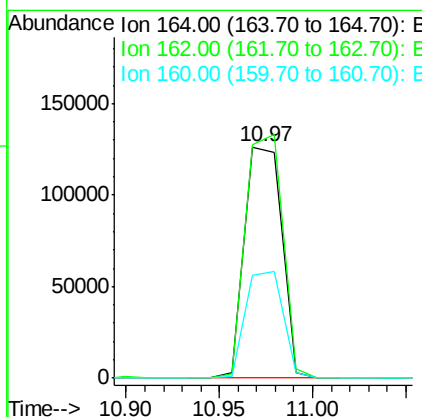
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.97 min Scan# 882  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.2 | 83.2  | 124.8 |
| 160     | 44.3  | 34.6  | 52.0  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.33 ng

RT: 9.89 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

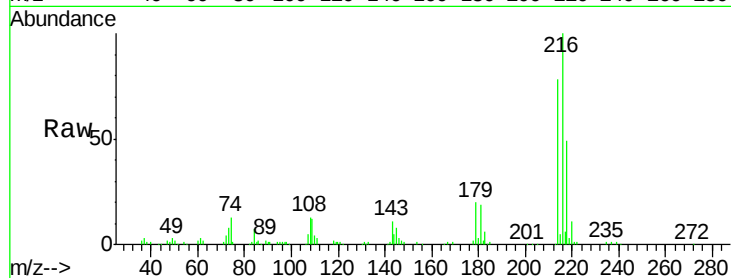
ClientSampleId :

PB81951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 137384 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.4  | 63.4  | 95.0   |
| 179       | 21.0  | 16.6  | 25.0   |
| 108       | 20.1  | 14.2  | 21.4   |

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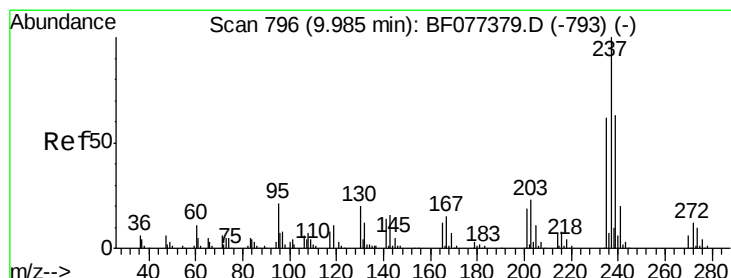
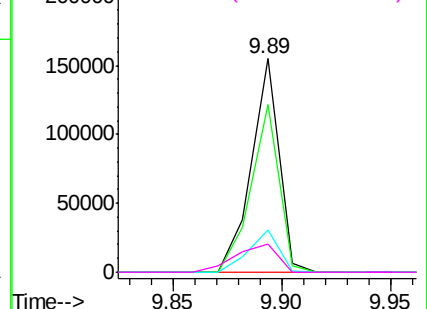
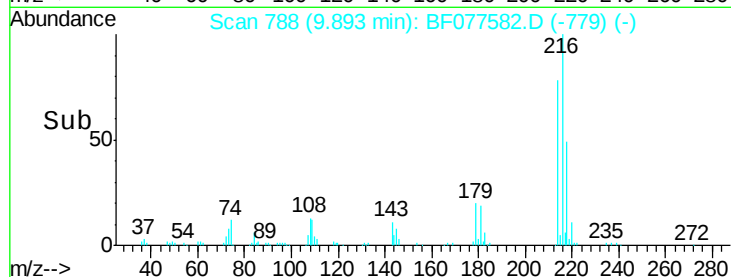


Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.90 ng

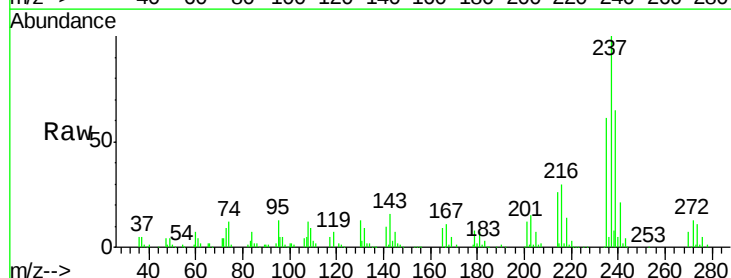
RT: 9.88 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

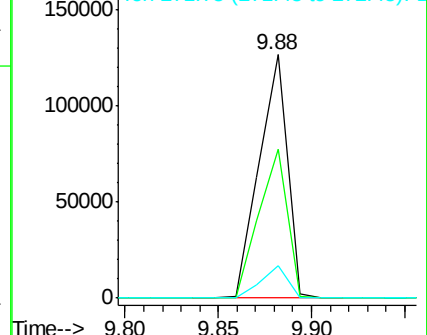
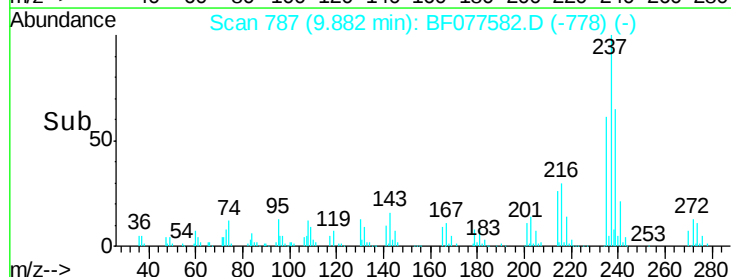
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 131800 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.0  | 41.0  | 81.0   |
| 272       | 13.2  | 0.0   | 34.3   |

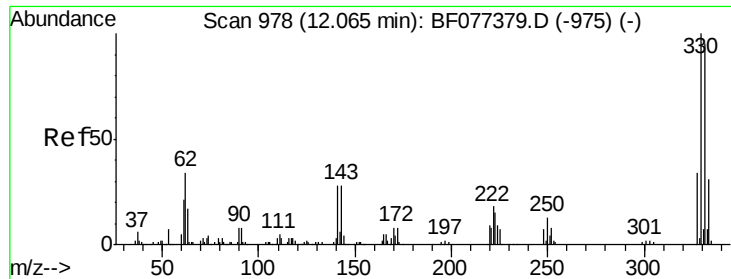


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





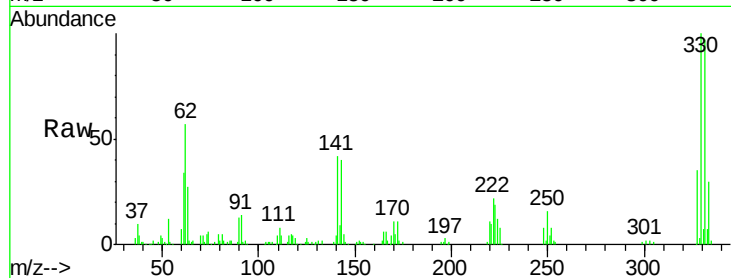
#41  
 2,4,6-Tribromophenol  
 Concen: 81.90 ng  
 RT: 11.95 min Scan# 968  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS

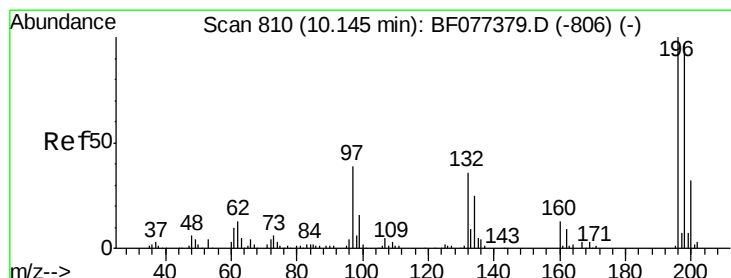
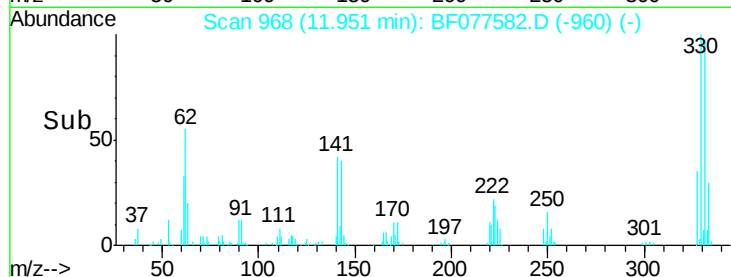
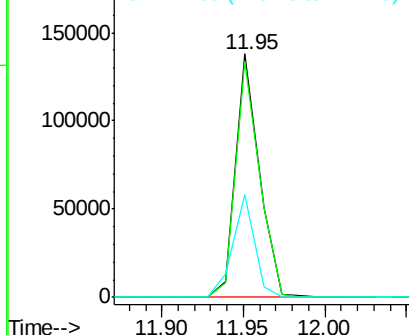
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 138149 |       |       |
| 332     | 96.9  | 77.4   | 116.2 |       |
| 141     | 38.6  | 28.8   | 43.2  |       |

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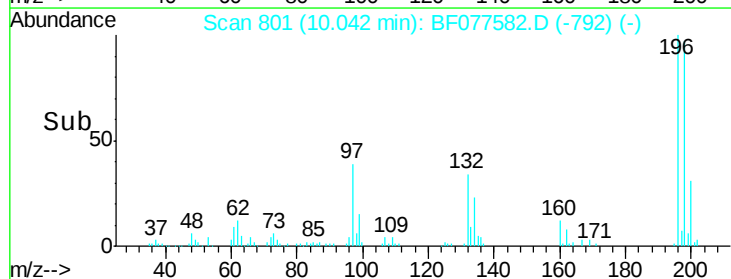
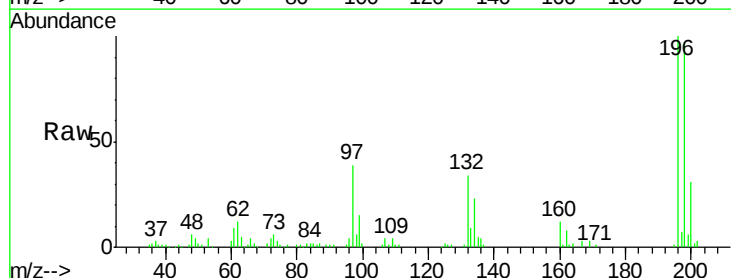
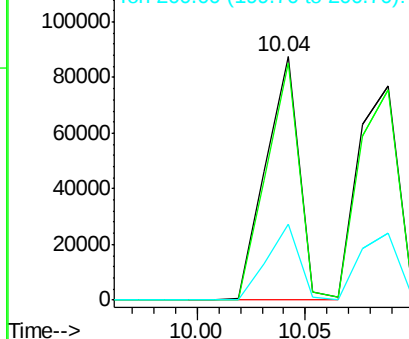
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 28.50 ng  
 RT: 10.04 min Scan# 801  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 94878 |       |       |
| 198     | 97.3  | 75.8  | 113.8 |       |
| 200     | 31.4  | 24.2  | 36.4  |       |

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





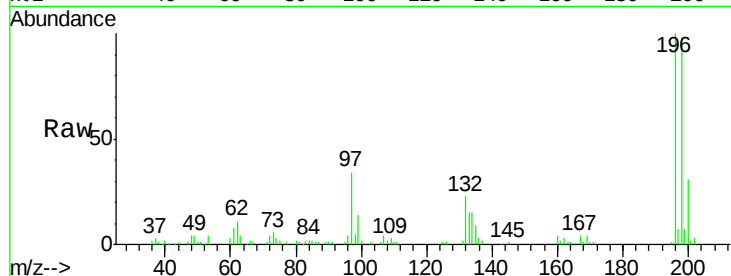
#43  
 2,4,5-Trichlorophenol  
 Concen: 27.78 ng  
 RT: 10.08 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS

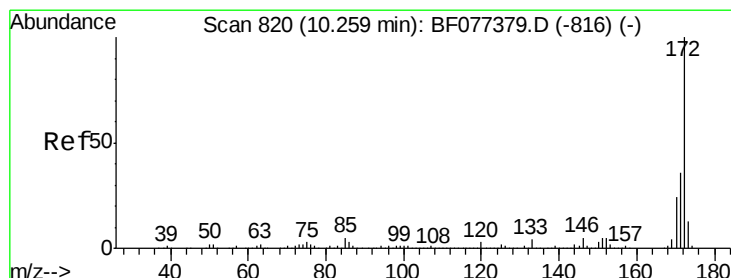
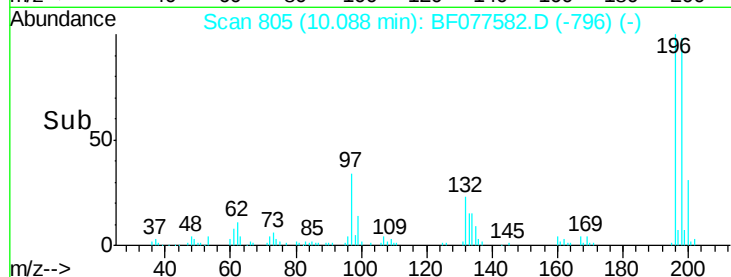
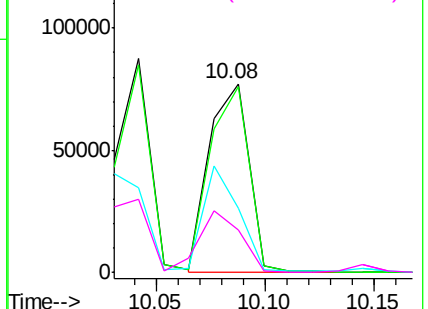
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 98881 |       |       |
| 198     | 98.3  | 77.2  | 115.8 |       |
| 97      | 33.8  | 27.7  | 41.5  |       |
| 132     | 22.5  | 18.0  | 27.0  |       |

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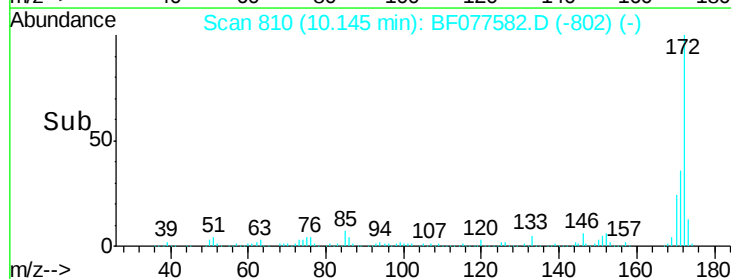
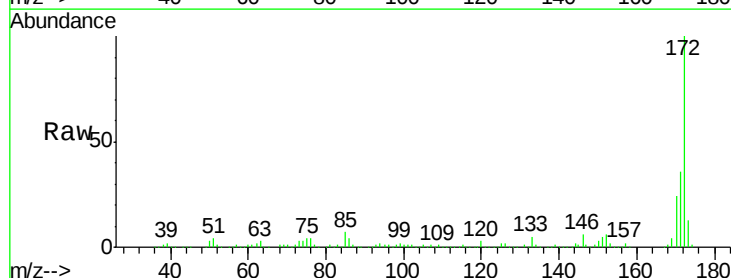
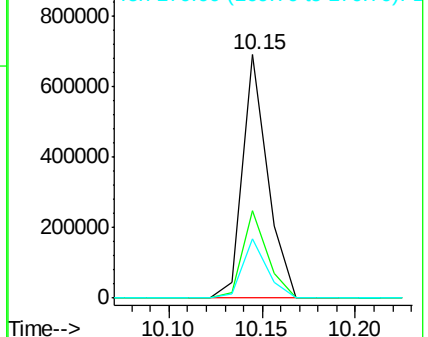
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 57.33 ng  
 RT: 10.15 min Scan# 810  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 644137 |       |       |
| 171     | 35.7  | 28.9   | 43.3  |       |
| 170     | 24.1  | 19.4   | 29.2  |       |

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





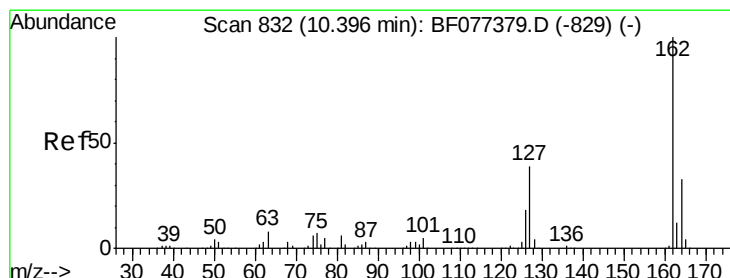
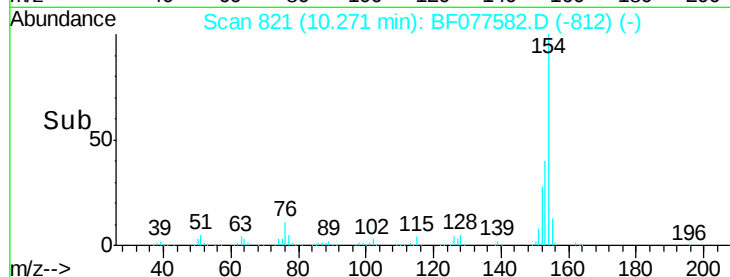
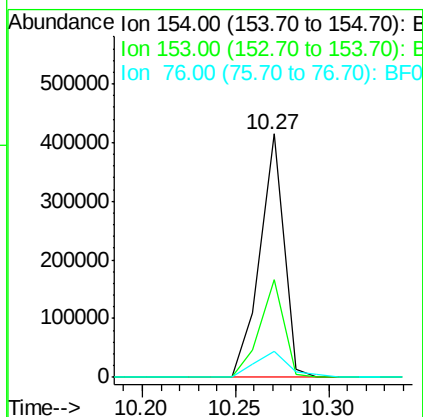
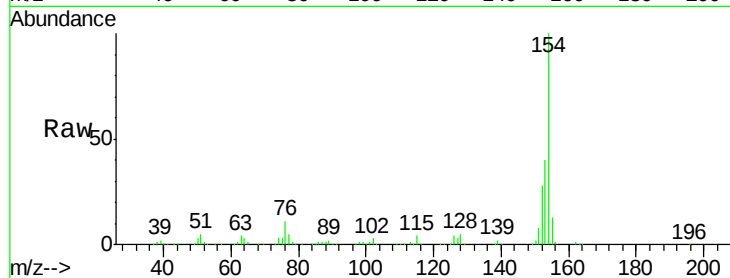
#45  
1,1'-Biphenyl  
Concen: 27.85 ng  
RT: 10.27 min Scan# 821  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 369588 |       |       |
| 153     | 40.0  | 20.2   | 60.2  |       |
| 76      | 10.7  | 0.0    | 29.4  |       |

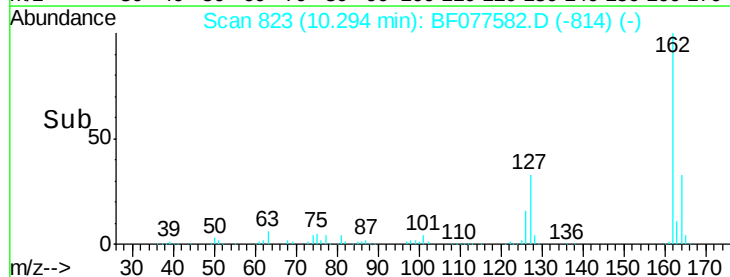
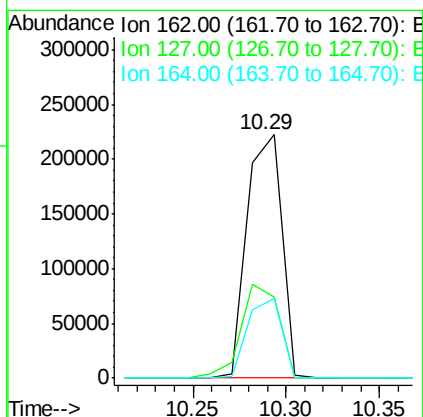
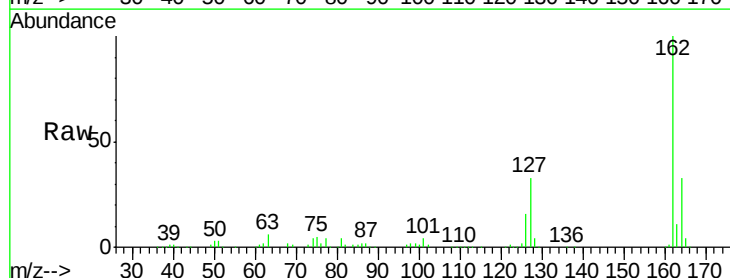
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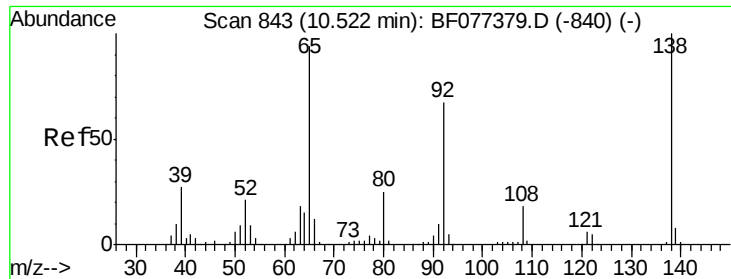
mohammad  
3/5/2015 12:47:43 PM



#46  
2-Chloronaphthalene  
Concen: 28.04 ng  
RT: 10.29 min Scan# 823  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 291844 |       |       |
| 127     | 33.5  | 33.3   | 49.9  |       |
| 164     | 32.6  | 26.2   | 39.4  |       |





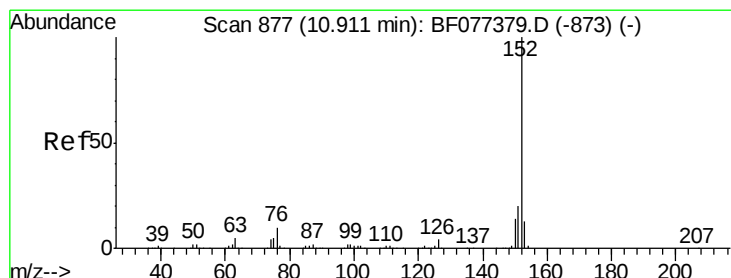
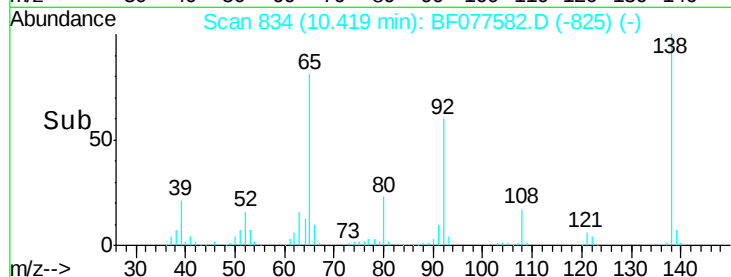
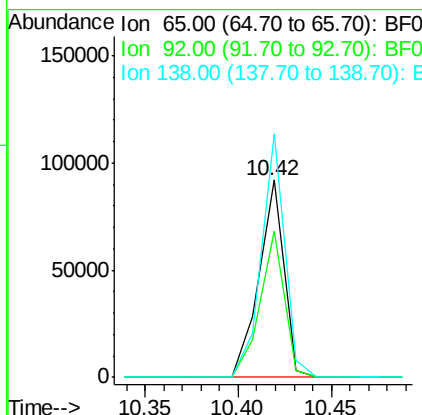
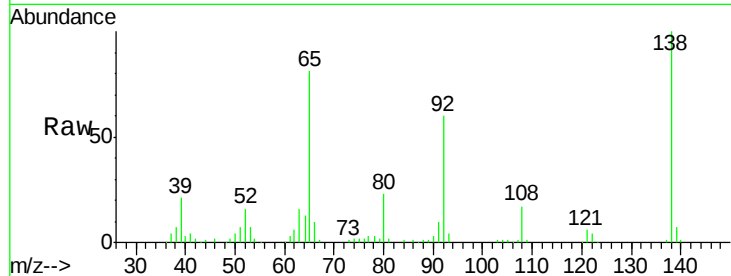
#47  
2-Nitroaniline  
Concen: 33.14 ng  
RT: 10.42 min Scan# 834  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.4  | 52.4  | 78.6  |
| 138     | 123.5 | 73.4  | 110.0 |

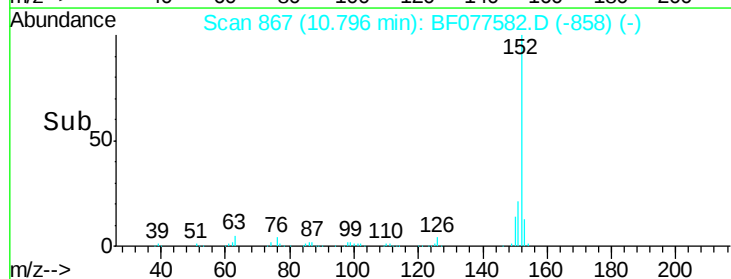
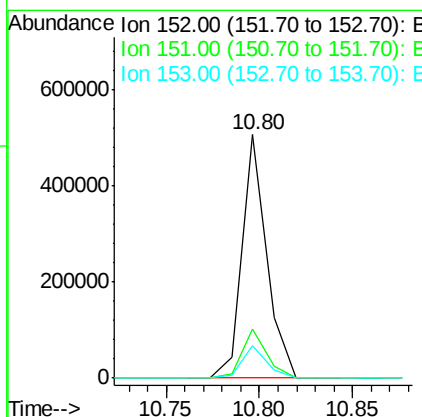
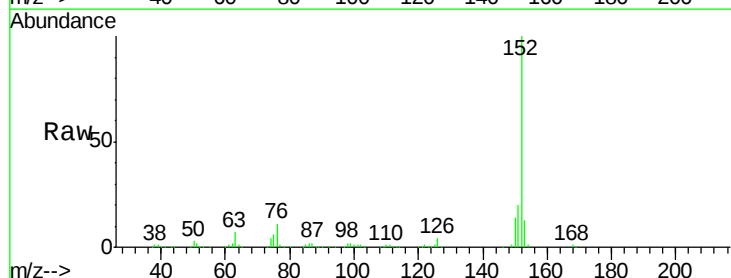
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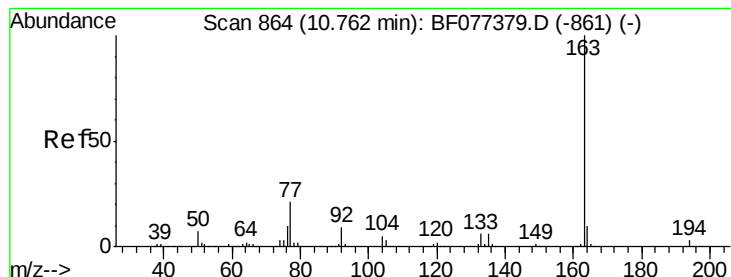
mohammad  
3/5/2015 12:47:43 PM



#48  
Acenaphthylene  
Concen: 28.13 ng  
RT: 10.80 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.4  | 16.1  | 24.1  |
| 153     | 13.3  | 10.9  | 16.3  |





#49

Dimethylphthalate

Concen: 26.95 ng

RT: 10.66 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

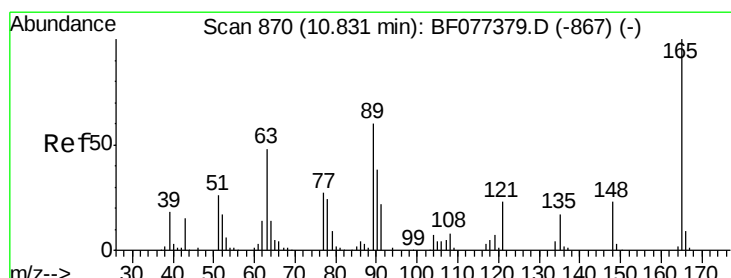
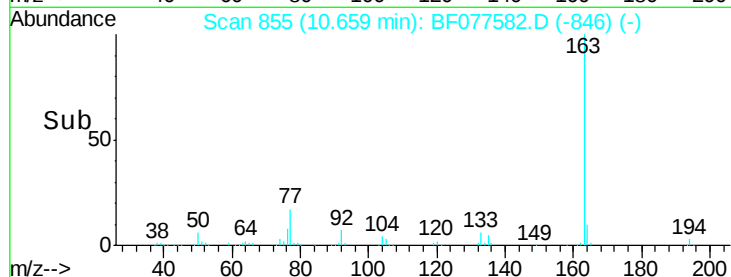
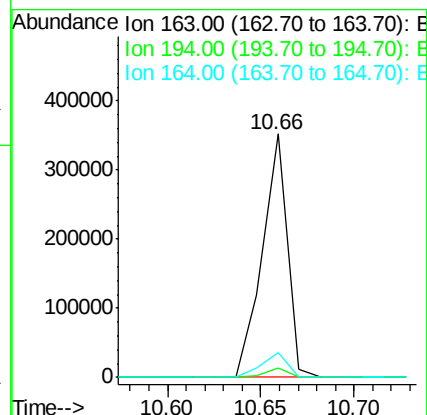
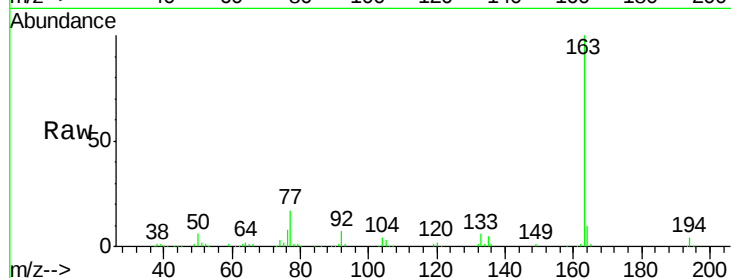
ClientSampleId :

PB81951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 331917 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.7   | 2.6   | 4.0    |
| 164       | 10.0  | 8.6   | 13.0   |

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#50

2,6-Dinitrotoluene

Concen: 29.19 ng

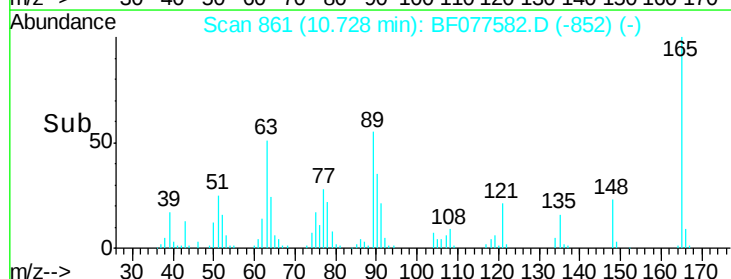
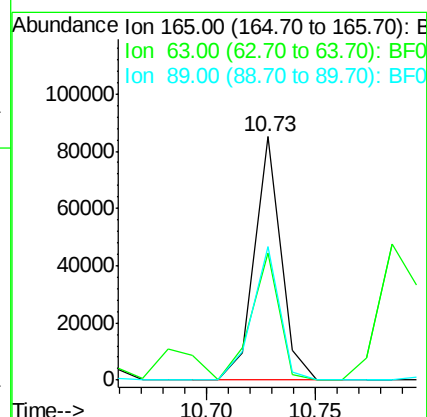
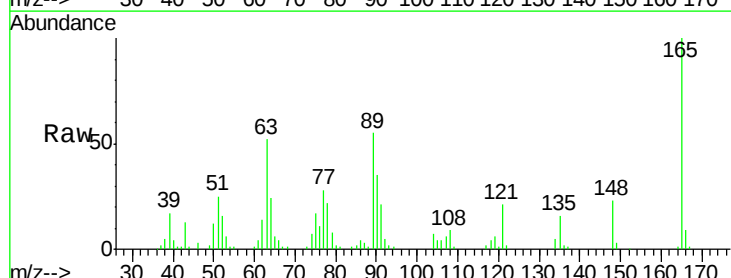
RT: 10.73 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 72097 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 52.3  | 25.2  | 37.8# |
| 89        | 54.7  | 30.5  | 45.7# |





#51

Acenaphthene

Concen: 27.53 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

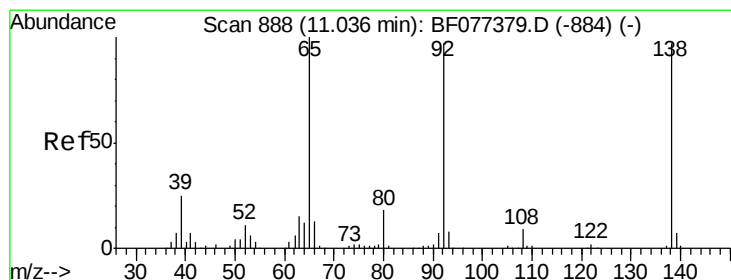
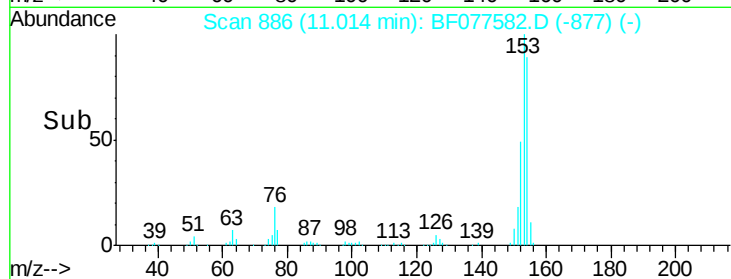
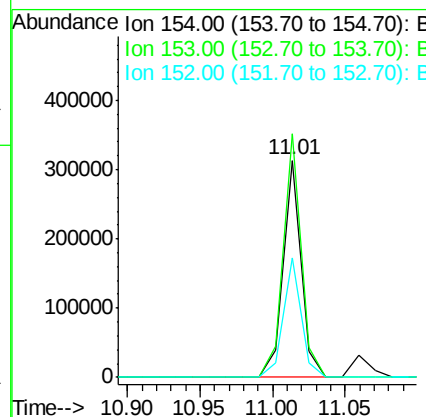
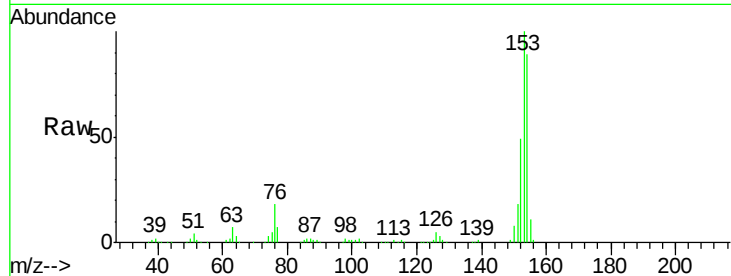
ClientSampleId :

PB81951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 270731 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.0 | 90.5  | 135.7  |
| 152       | 54.8  | 43.5  | 65.3   |

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#52

3-Nitroaniline

Concen: 19.88 ng

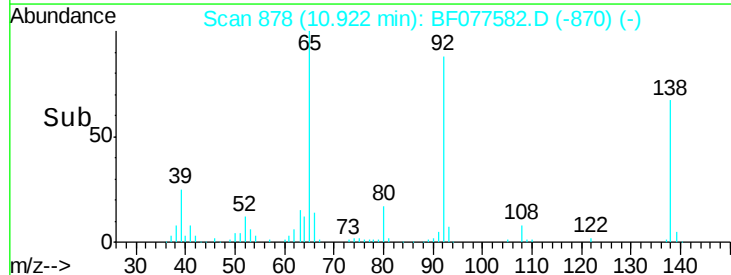
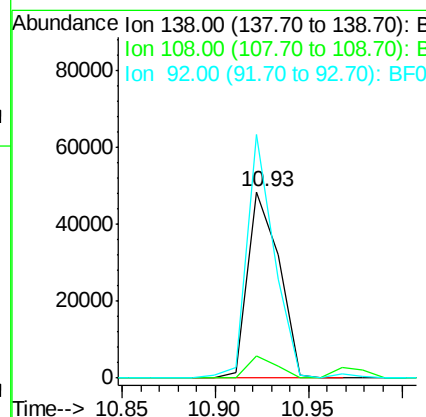
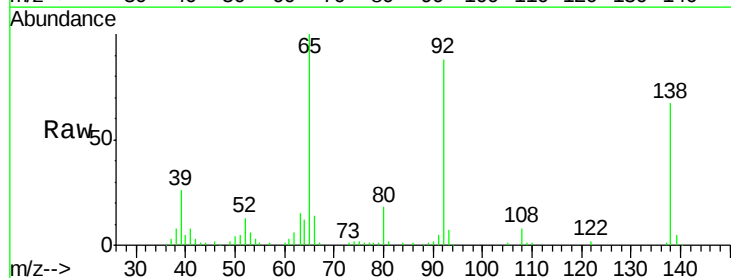
RT: 10.93 min Scan# 878

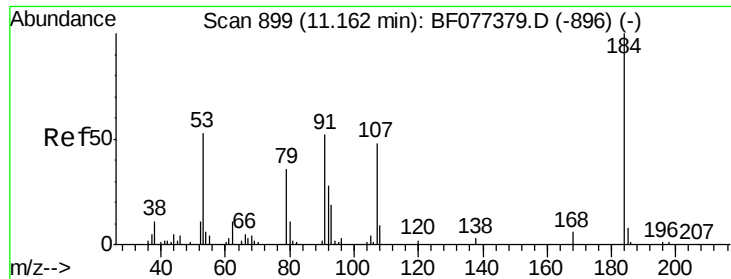
Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

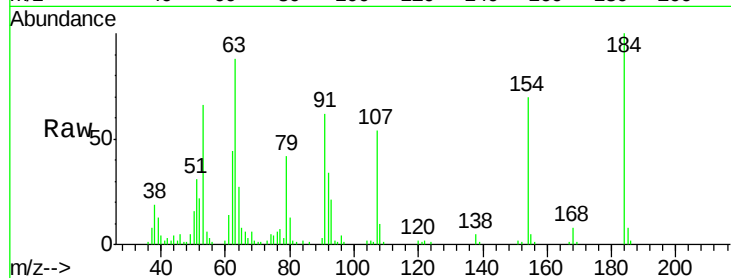
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 56611 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.7  | 7.8   | 11.8  |
| 92        | 130.8 | 90.6  | 135.8 |





#53  
2,4-Dinitrophenol  
Concen: 60.95 ng  
RT: 11.06 min Scan# 890  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

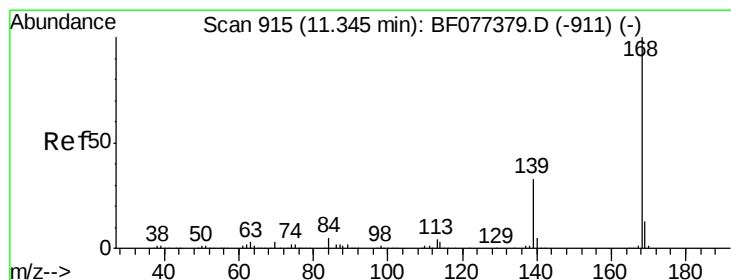
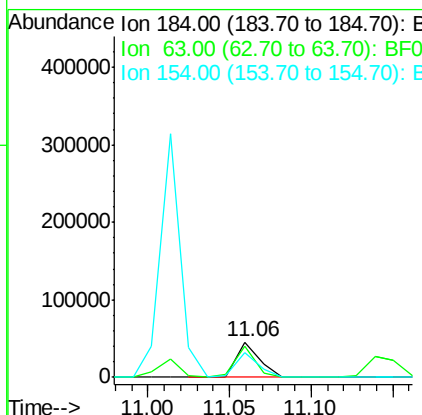
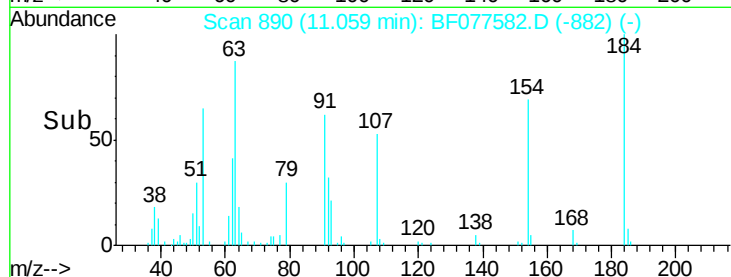
Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 45802 |       |       |
| 63      | 87.8  | 29.5  | 44.3# |       |
| 154     | 69.7  | 43.2  | 64.8# |       |

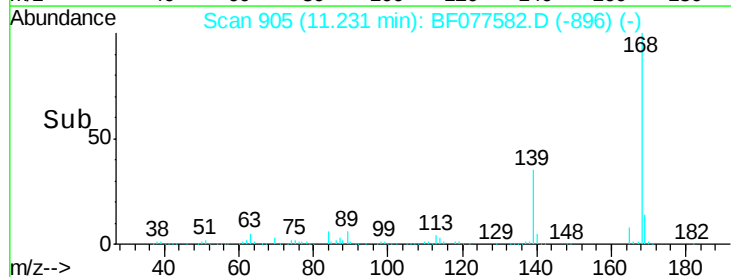
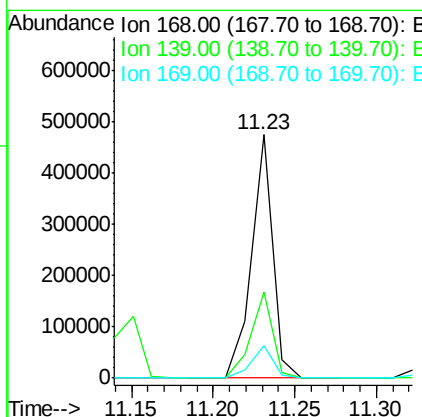
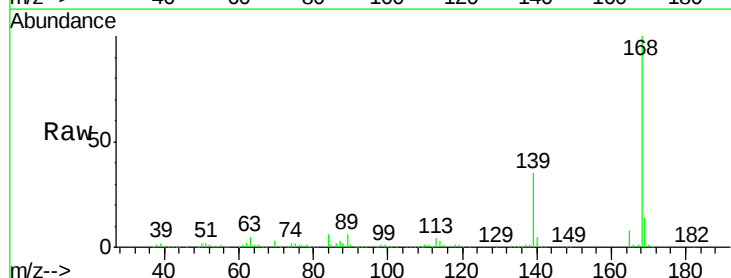
Manual Integrations  
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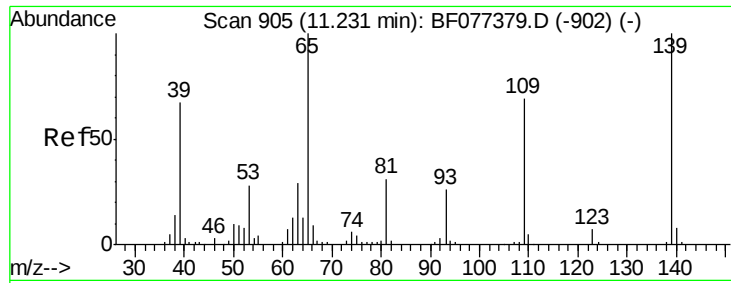
mohammad  
3/5/2015 12:47:43 PM



#54  
Dibenzofuran  
Concen: 28.12 ng  
RT: 11.23 min Scan# 905  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 426965 |       |       |
| 139     | 35.5  | 29.3   | 43.9  |       |
| 169     | 13.5  | 10.9   | 16.3  |       |





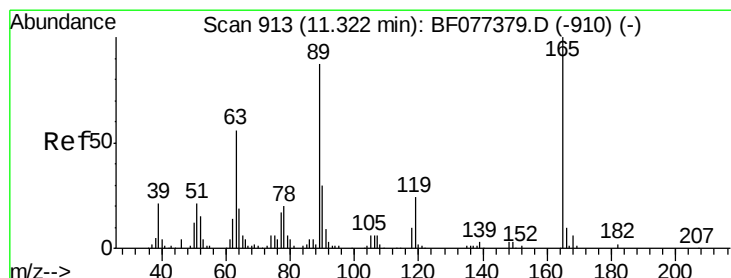
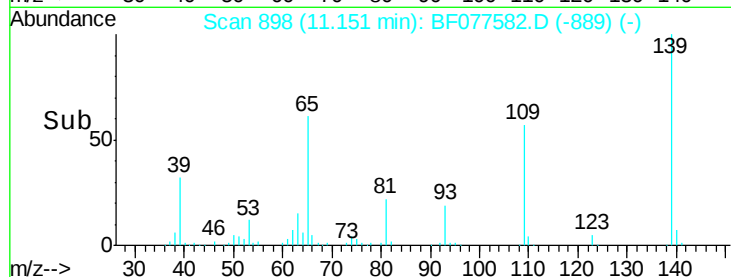
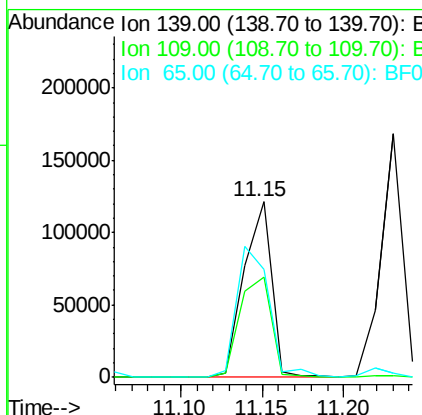
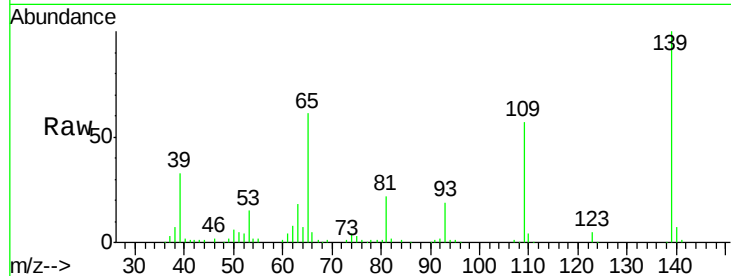
#55  
4-Nitrophenol  
Concen: 62.09 ng  
RT: 11.15 min Scan# 898  
Delta R.T. 0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 142190 |       |       |
| 109     | 57.3  | 36.2   | 76.2  |       |
| 65      | 61.5  | 40.3   | 80.3  |       |

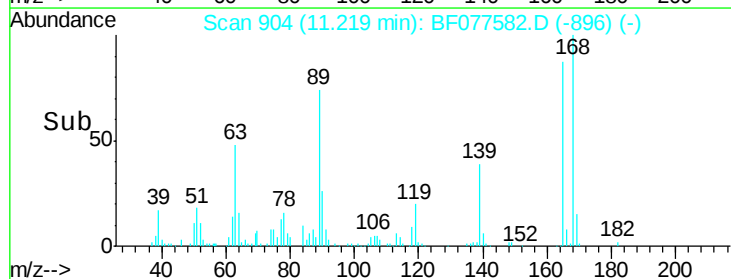
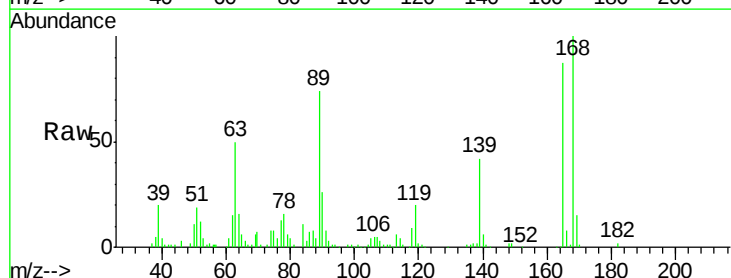
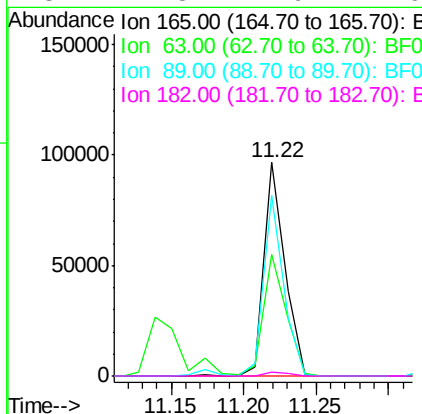
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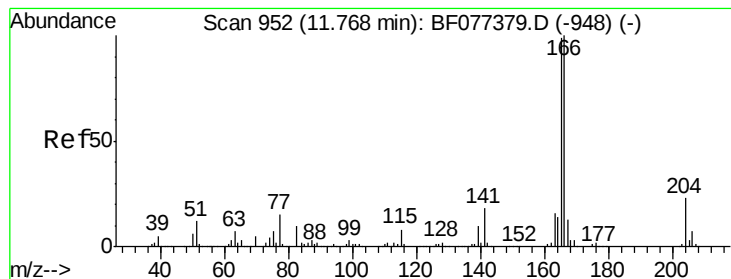
mohammad  
3/5/2015 12:47:43 PM



#56  
2,4-Dinitrotoluene  
Concen: 28.80 ng  
RT: 11.22 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 96118 |       |       |
| 63      | 57.1  | 29.8  | 44.8# |       |
| 89      | 84.8  | 48.5  | 72.7# |       |
| 182     | 1.8   | 1.9   | 2.9#  |       |





#57

Fluorene

Concen: 28.12 ng

RT: 11.65 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

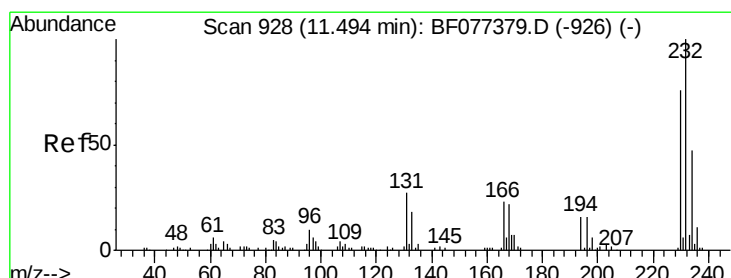
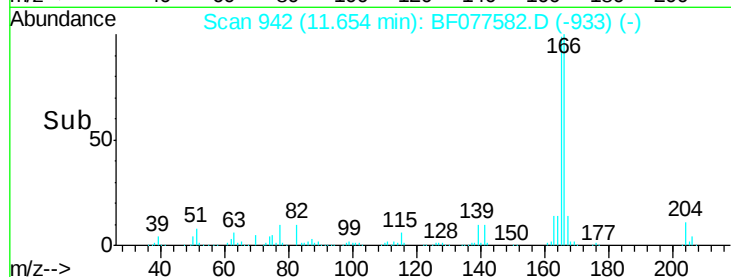
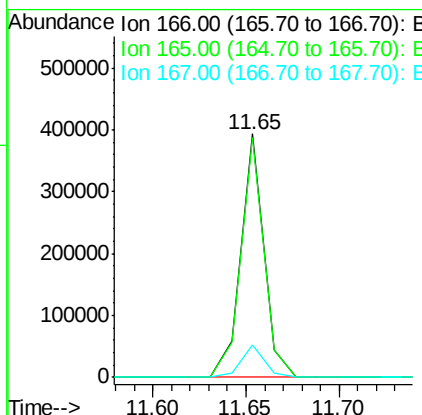
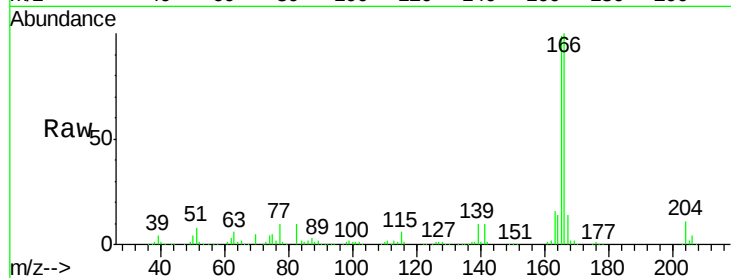
ClientSampled :

PB81951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 341304 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.7  | 77.6  | 116.4  |
| 167       | 13.5  | 10.6  | 16.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 29.59 ng

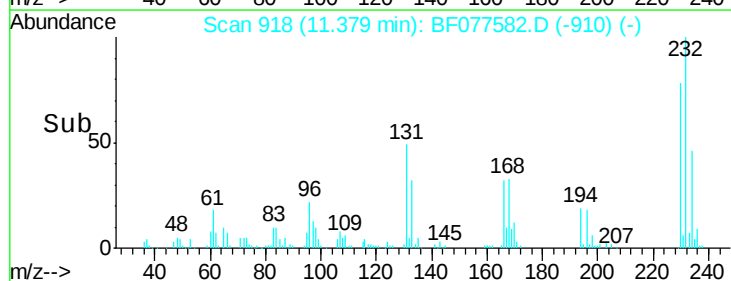
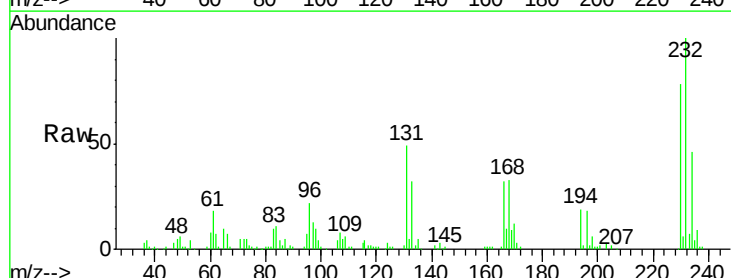
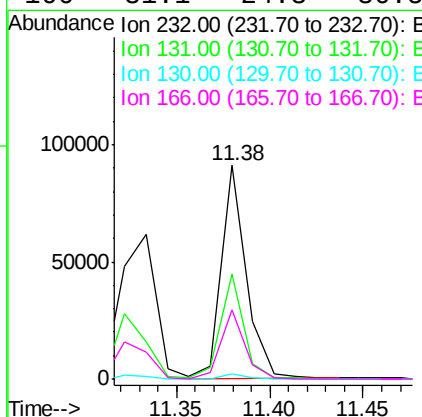
RT: 11.38 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 84675 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 46.9  | 34.2  | 51.2  |
| 130       | 2.2   | 1.8   | 2.6   |
| 166       | 31.1  | 24.3  | 36.5  |





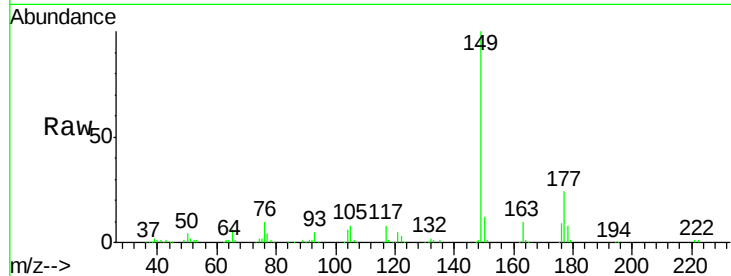
#59  
Diethylphthalate  
Concen: 25.55 ng  
RT: 11.53 min Scan# 932  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

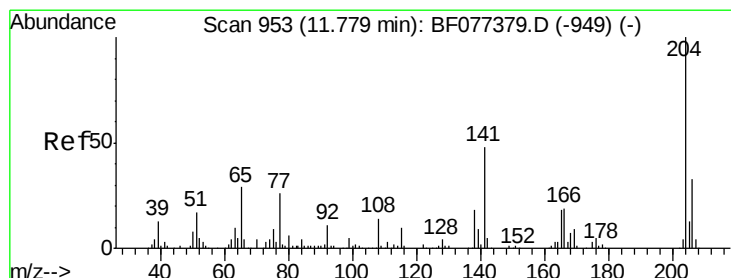
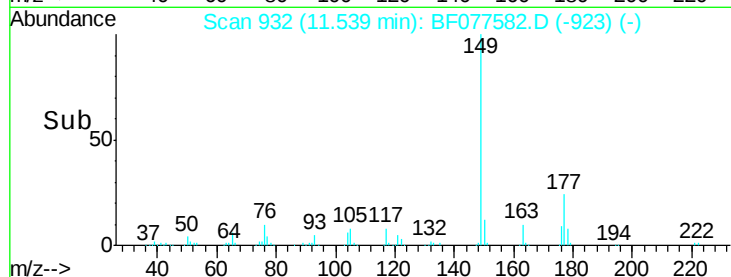
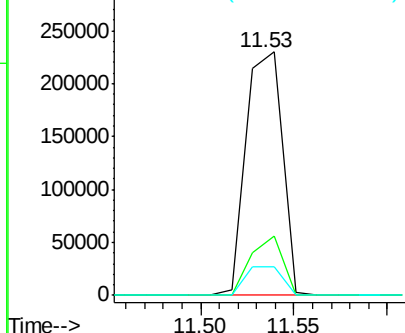
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 310234 |       |       |
| 177     | 24.1  | 17.2   | 25.8  |       |
| 150     | 11.7  | 10.5   | 15.7  |       |

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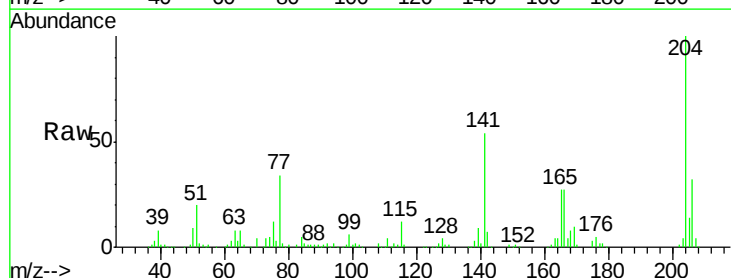


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

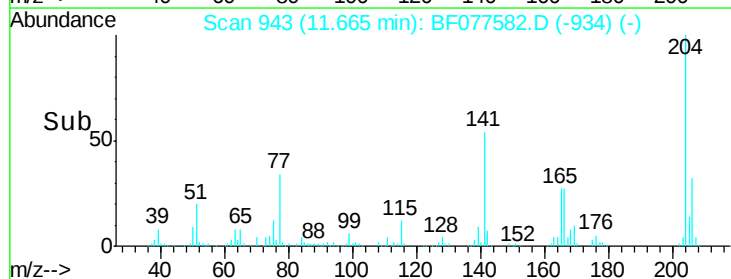
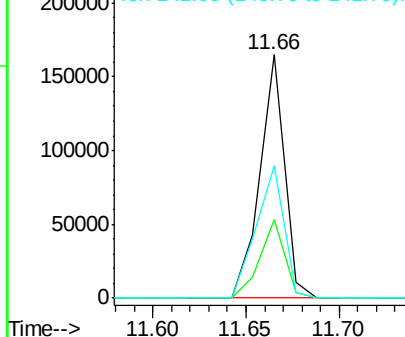


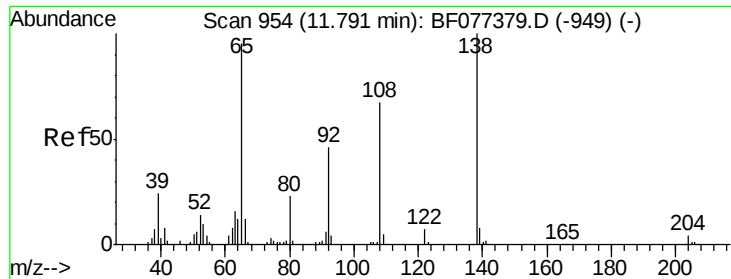
#60  
4-Chlorophenyl-phenylether  
Concen: 25.68 ng  
RT: 11.66 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 150162 |       |       |
| 206     | 32.4  | 25.9   | 38.9  |       |
| 141     | 54.1  | 43.6   | 65.4  |       |



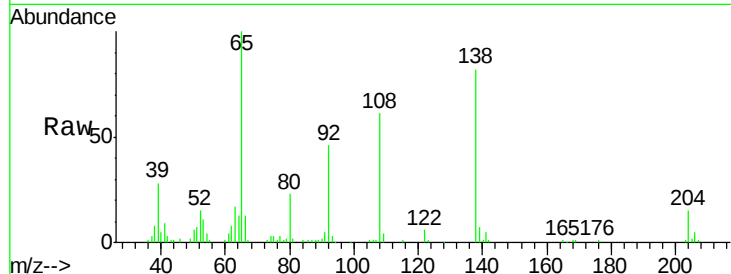
Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61  
4-Nitroaniline  
Concen: 28.75 ng  
RT: 11.68 min Scan# 944  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

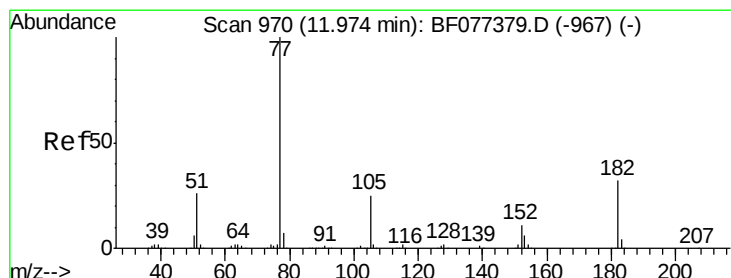
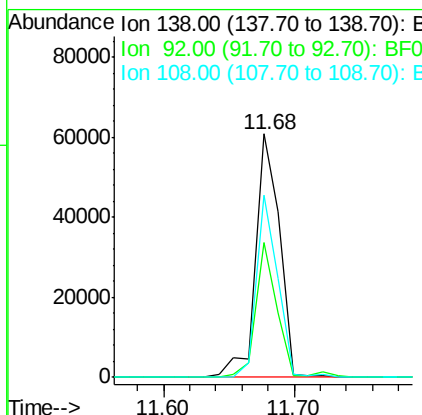
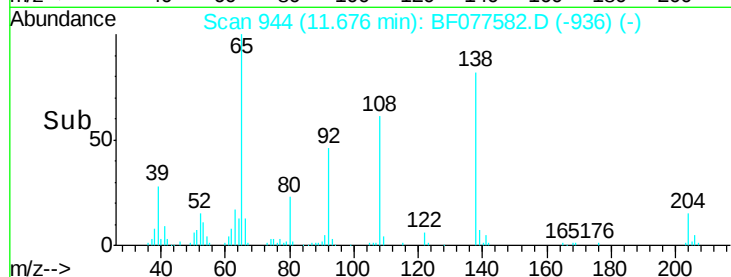
Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 55.6  | 32.8  | 72.8  |
| 108     | 74.7  | 52.1  | 92.1  |

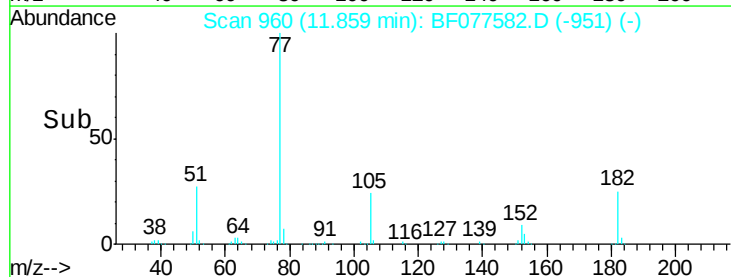
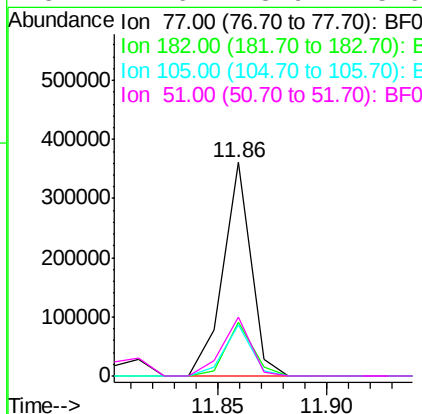
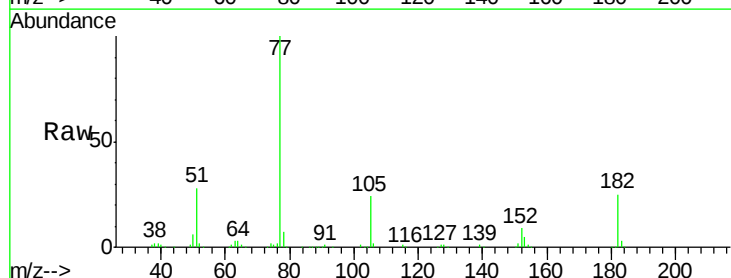
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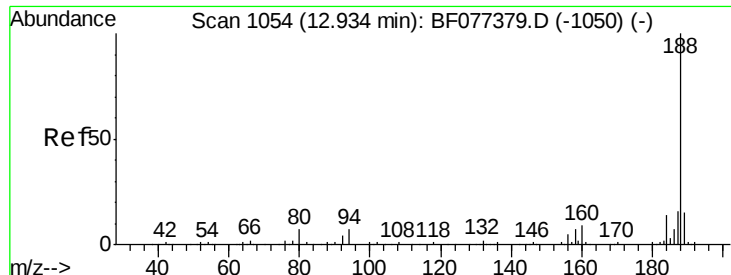
mohammad  
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#62  
Azobenzene  
Concen: 27.86 ng  
RT: 11.86 min Scan# 960  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.9  | 4.9   | 44.9  |
| 105     | 23.7  | 3.3   | 43.3  |
| 51      | 27.6  | 8.9   | 48.9  |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.81 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

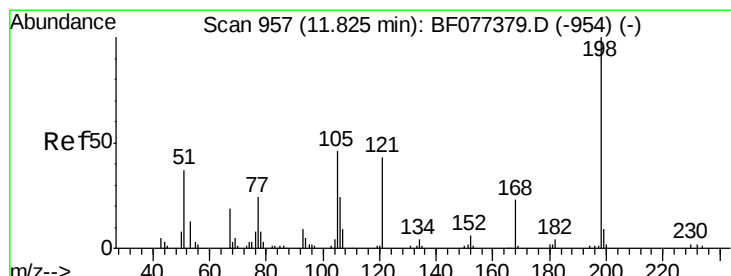
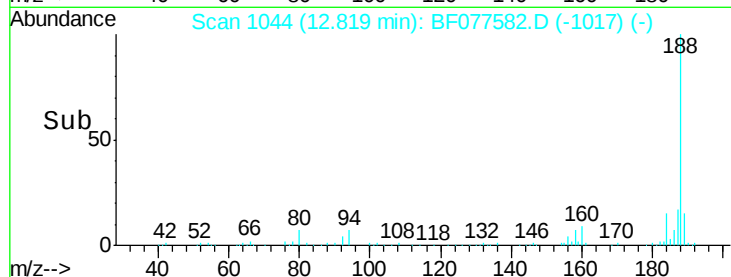
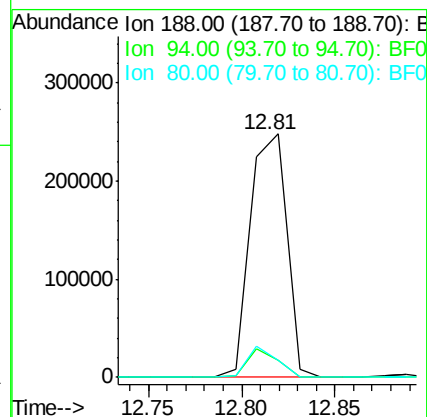
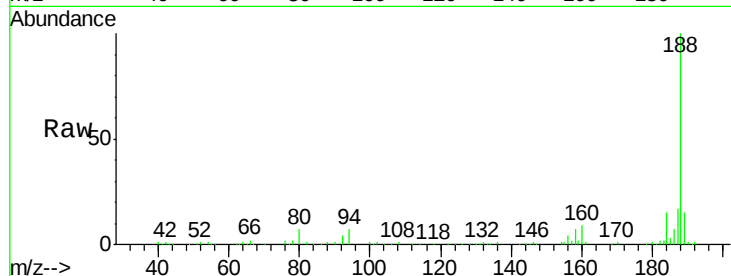
ClientSampleId :

PB81951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 335372 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.0   | 7.4   | 11.2#  |
| 80        | 7.1   | 8.0   | 12.0#  |

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#64

4,6-Dinitro-2-methylphenol

Concen: 28.29 ng

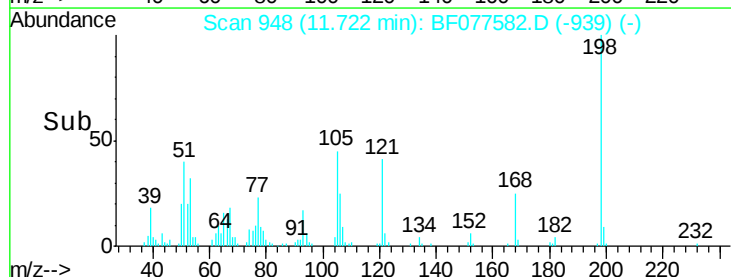
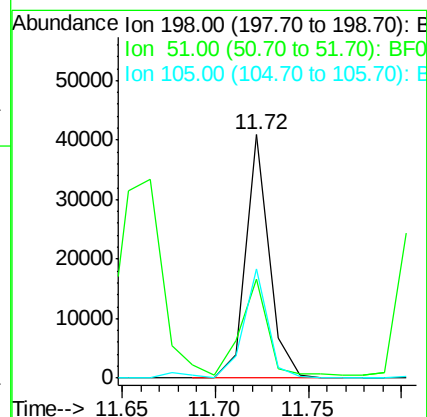
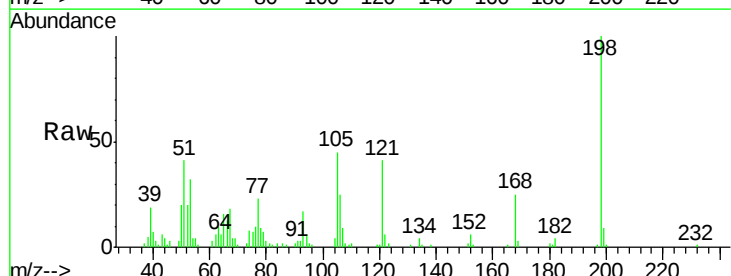
RT: 11.72 min Scan# 948

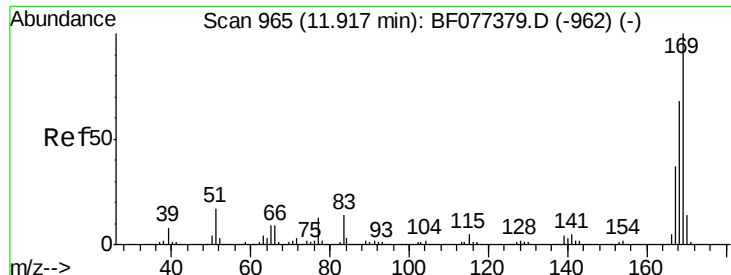
Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

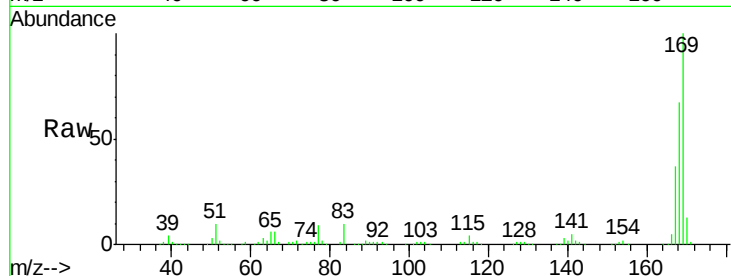
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 35640 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 40.8  | 2.7   | 42.7  |
| 105       | 44.6  | 10.0  | 50.0  |





#65  
 n-Nitrosodiphenylamine  
 Concen: 26.72 ng  
 RT: 11.81 min Scan# 956  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

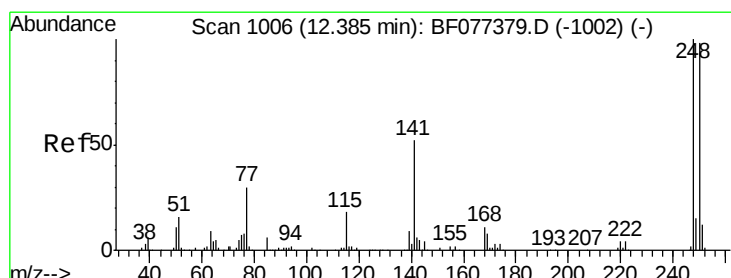
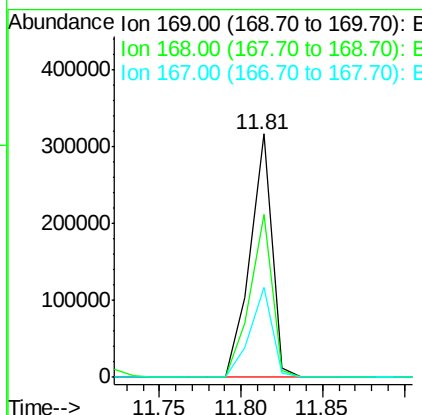
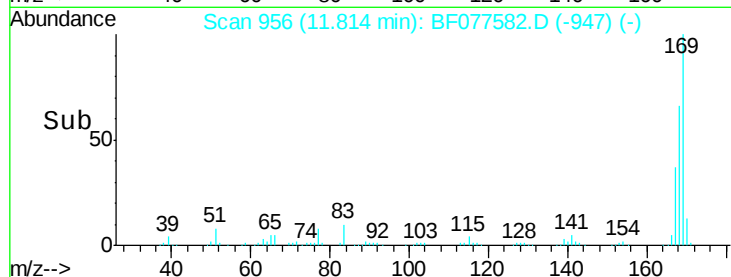
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 297343 |       |       |
| 168     | 66.7  | 53.0   | 79.6  |       |
| 167     | 36.8  | 29.5   | 44.3  |       |

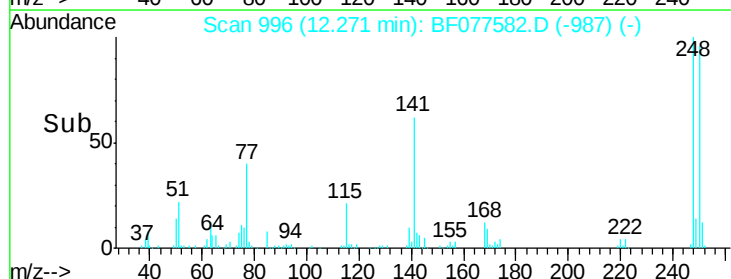
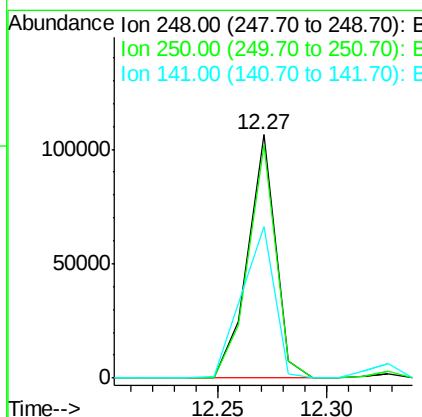
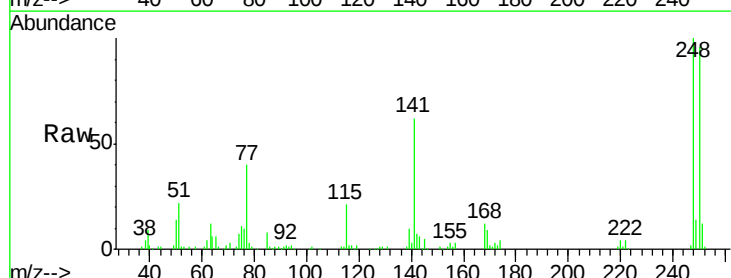
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#66  
 4-Bromophenyl-phenylether  
 Concen: 24.19 ng  
 RT: 12.27 min Scan# 996  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 94983 |       |       |
| 250     | 96.1  | 78.0  | 117.0 |       |
| 141     | 62.1  | 54.1  | 81.1  |       |





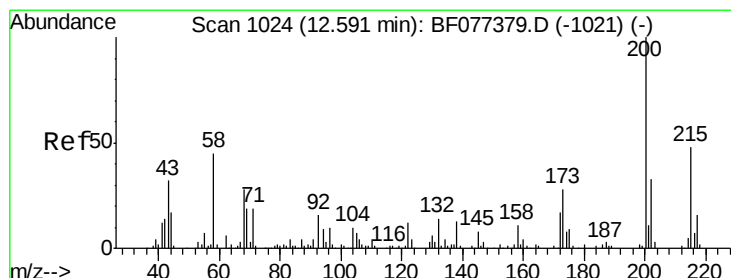
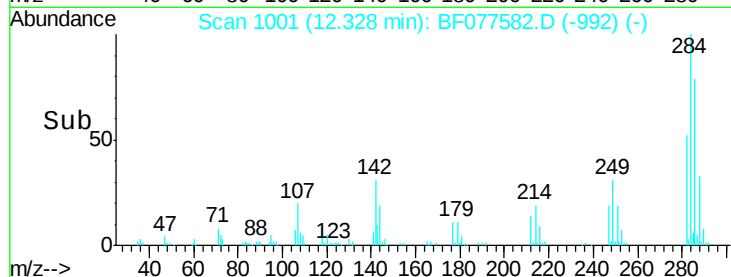
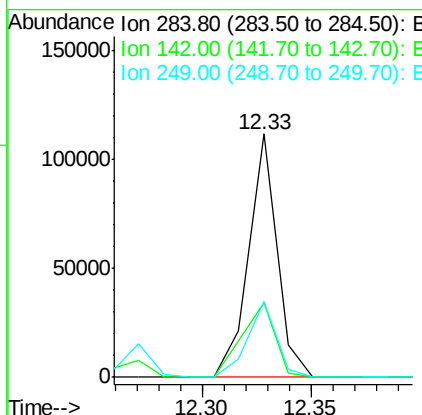
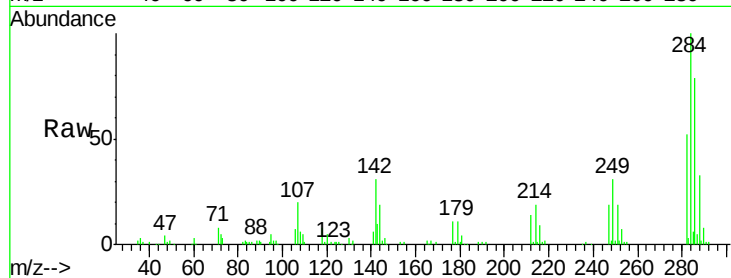
#67  
Hexachlorobenzene  
Concen: 24.11 ng  
RT: 12.33 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampled :  
PB81951BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 30.8  | 31.6       | 47.4#      |
| 249     | 31.0  | 27.0       | 40.4       |

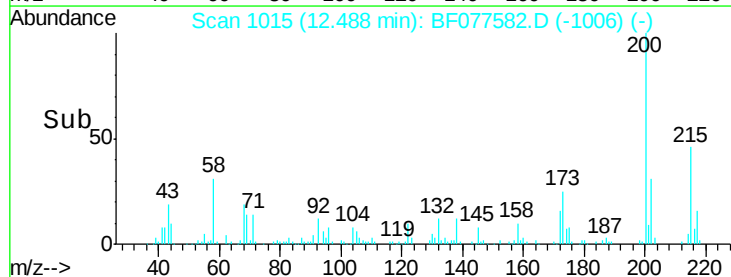
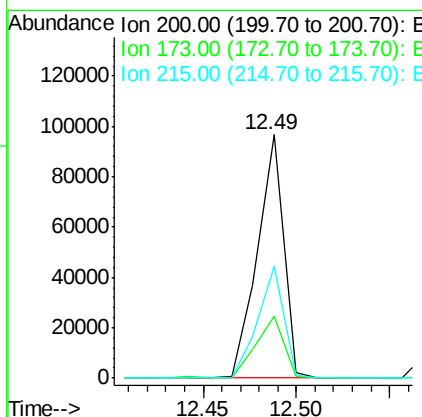
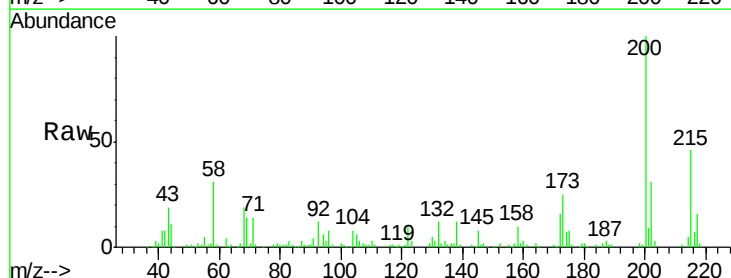
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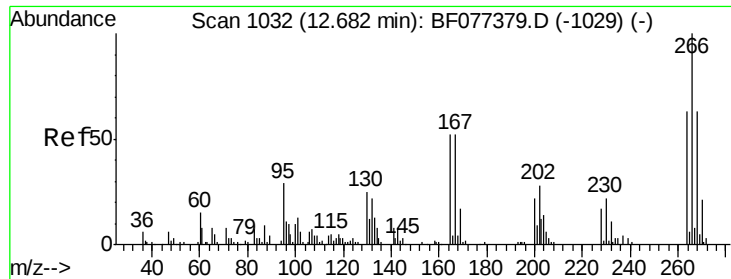
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#68  
Atrazine  
Concen: 25.85 ng  
RT: 12.49 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 25.3  | 9.6        | 49.6       |
| 215     | 45.9  | 24.4       | 64.4       |





#69

Pentachlorophenol

Concen: 52.83 ng

RT: 12.58 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

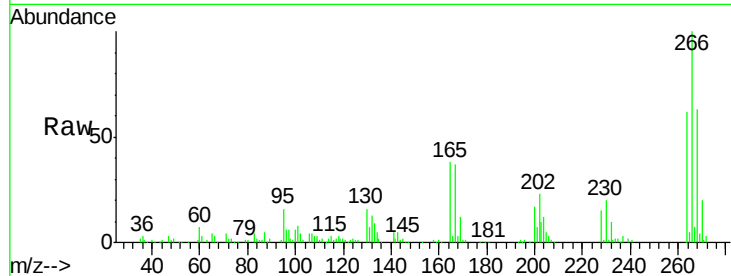
ClientSampleId :

PB81951BS

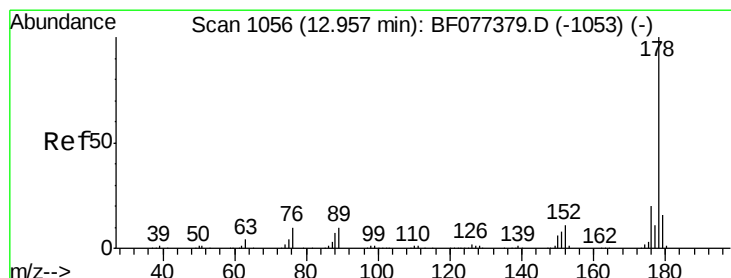
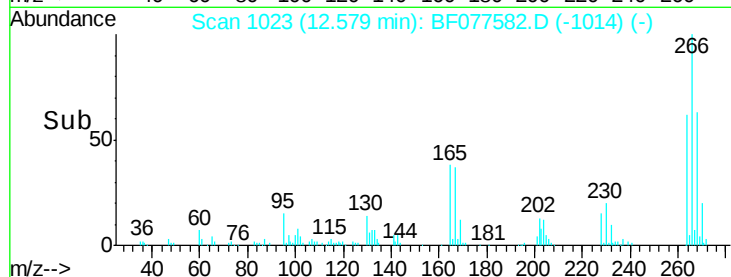
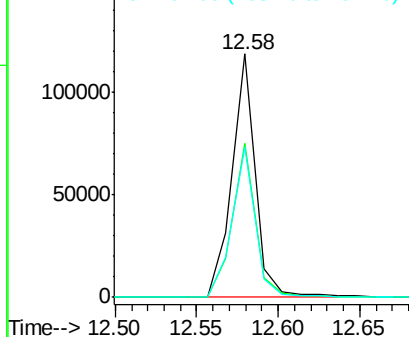
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 117051 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 63.1  | 51.2  | 76.8   |
| 264       | 61.6  | 50.7  | 76.1   |

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



#70

Phenanthrene

Concen: 25.67 ng

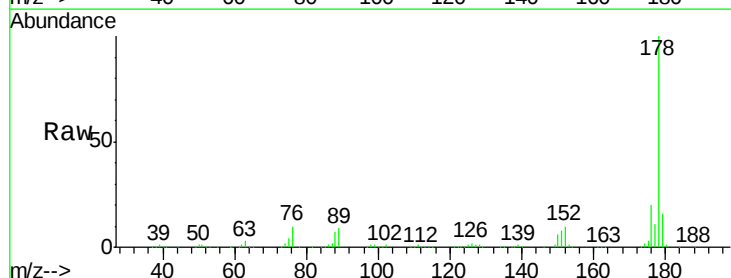
RT: 12.84 min Scan# 1046

Delta R.T. -0.00 min

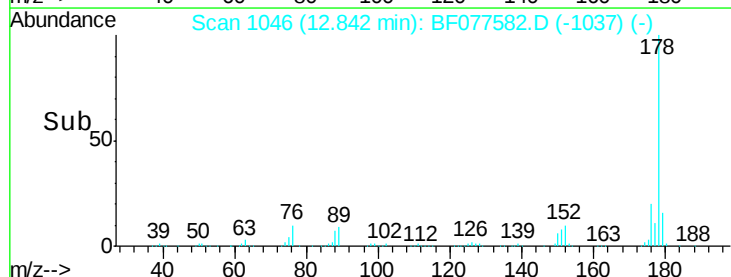
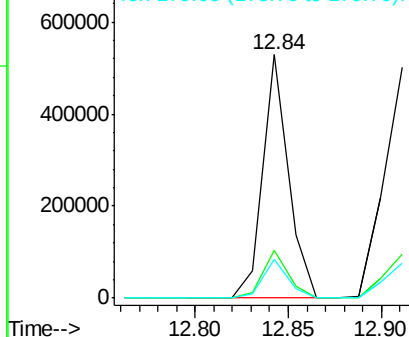
Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 499061 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.8  | 15.5  | 23.3   |
| 179       | 15.8  | 12.2  | 18.2   |



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





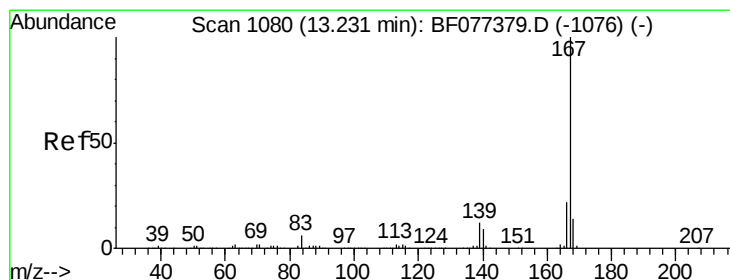
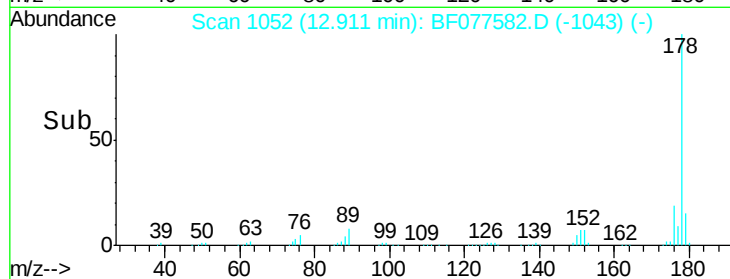
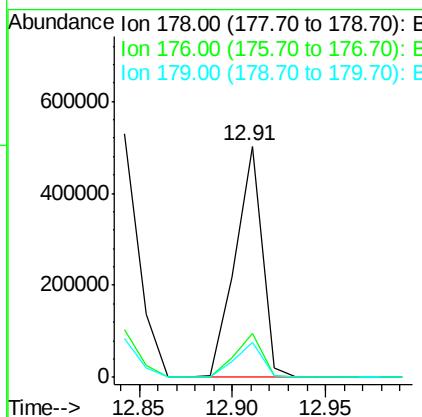
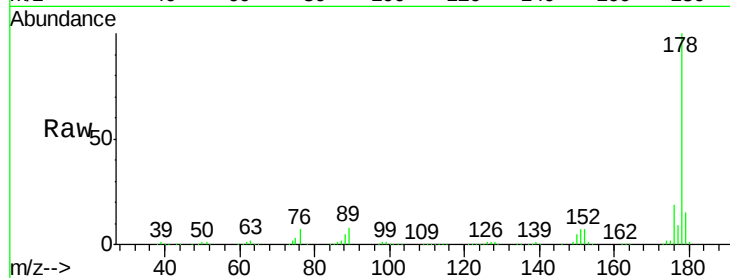
#71  
 Anthracene  
 Concen: 26.50 ng  
 RT: 12.91 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 511194 |       |       |
| 176     | 18.8  | 15.4   | 23.0  |       |
| 179     | 15.3  | 12.9   | 19.3  |       |

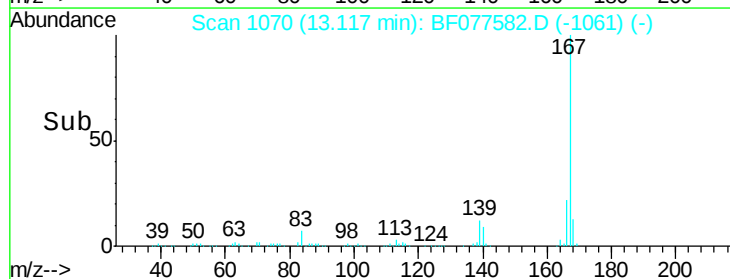
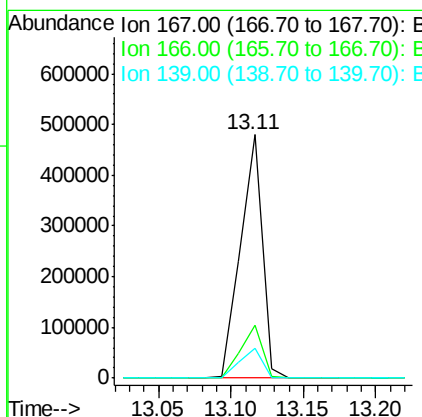
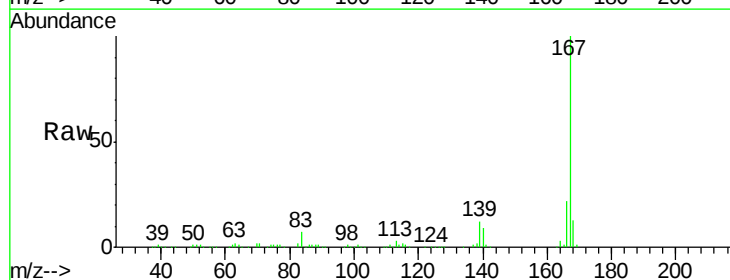
Manual Integrations  
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#72  
 Carbazole  
 Concen: 27.52 ng  
 RT: 13.11 min Scan# 1070  
 Delta R.T. -0.00 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 504727 |       |       |
| 166     | 21.8  | 17.6   | 26.4  |       |
| 139     | 12.2  | 9.9    | 14.9  |       |





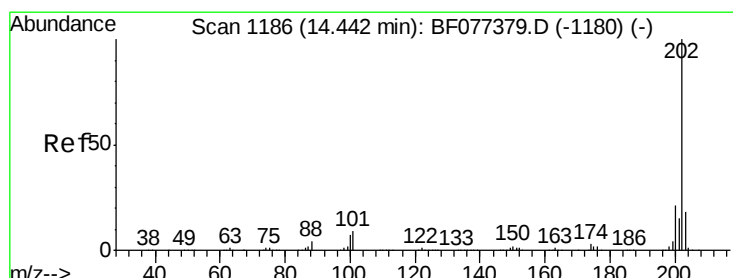
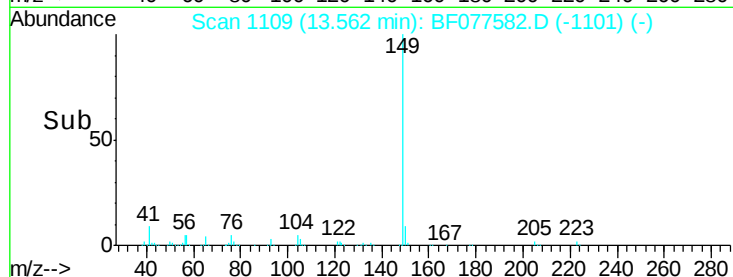
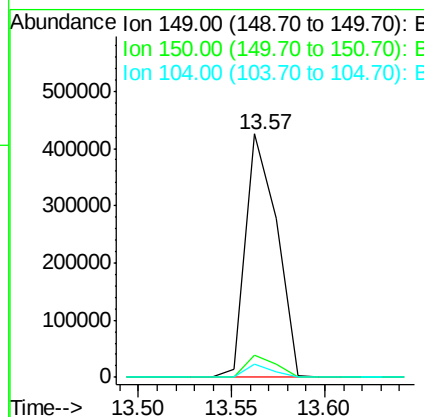
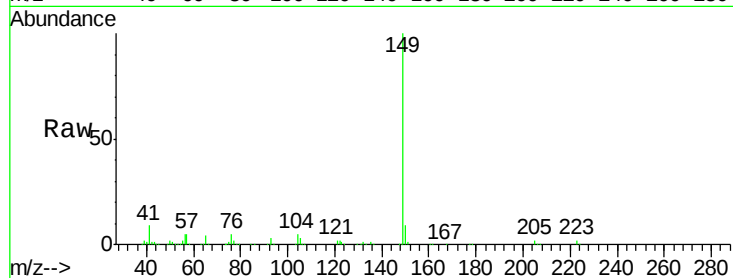
#73  
Di-n-butylphthalate  
Concen: 22.97 ng  
RT: 13.57 min Scan# 1109  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 494727 |       |       |
| 150     | 9.3   | 7.8    | 11.8  |       |
| 104     | 5.2   | 4.1    | 6.1   |       |

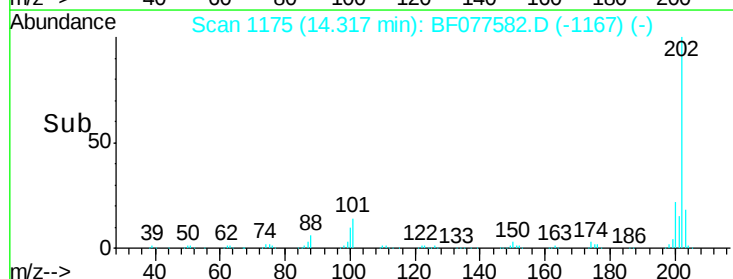
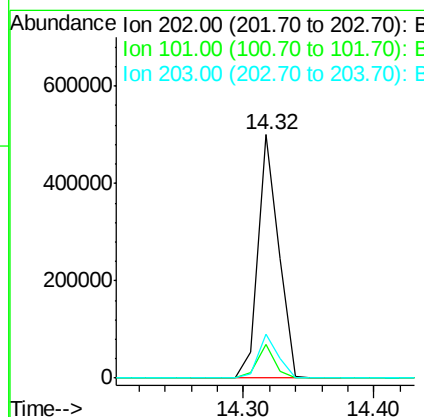
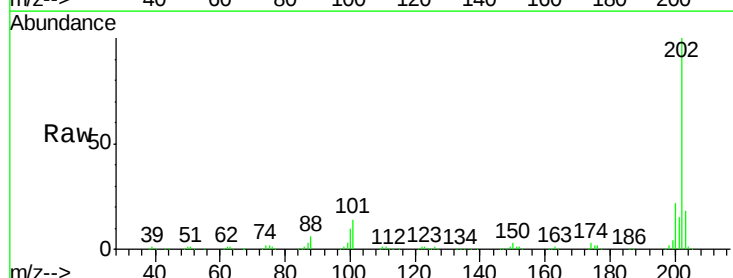
Manual Integrations  
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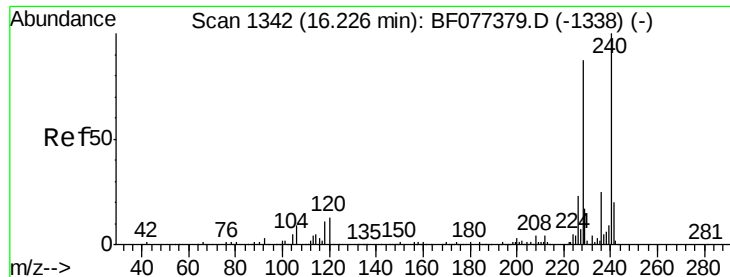
mohammad  
3/5/2015 12:47:43 PM



#74  
Fluoranthene  
Concen: 26.04 ng  
RT: 14.32 min Scan# 1175  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 552914 |       |       |
| 101     | 13.9  | 0.0    | 30.8  |       |
| 203     | 18.2  | 0.0    | 37.7  |       |





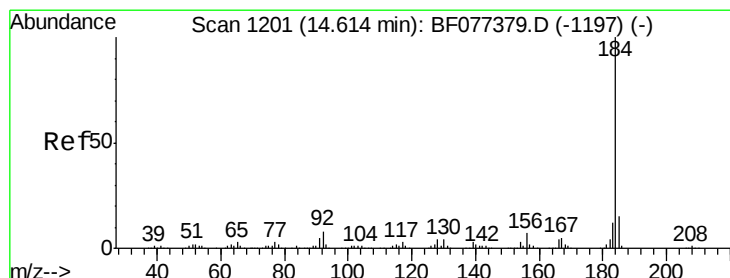
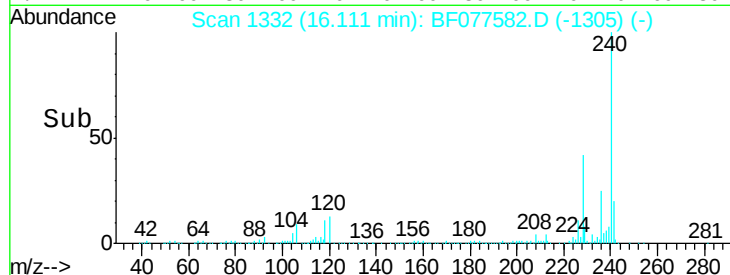
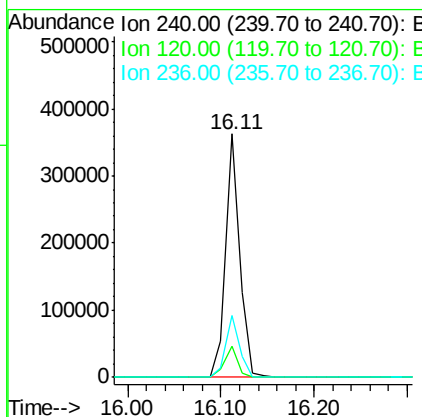
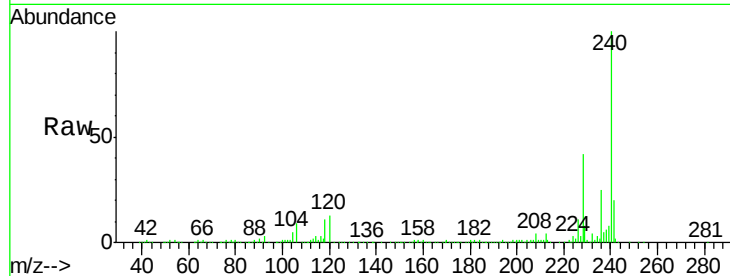
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.11 min Scan# 1332  
Delta R.T. 0.01 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 380309 |       |       |
| 120     | 12.8  | 8.8    | 13.2  |       |
| 236     | 25.2  | 20.7   | 31.1  |       |

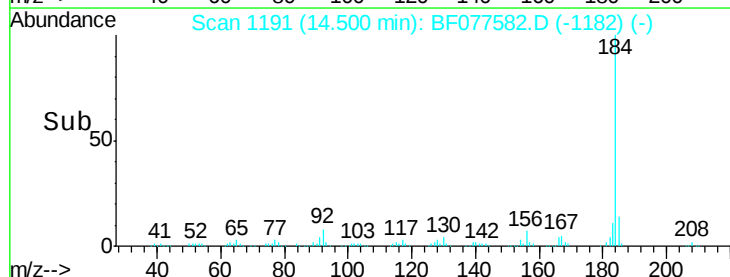
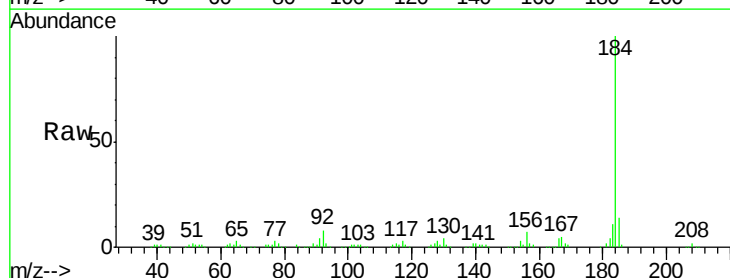
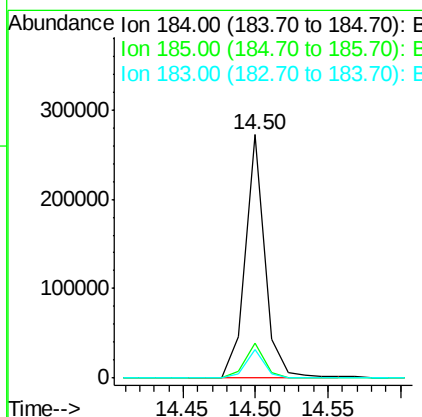
Manual Integrations  
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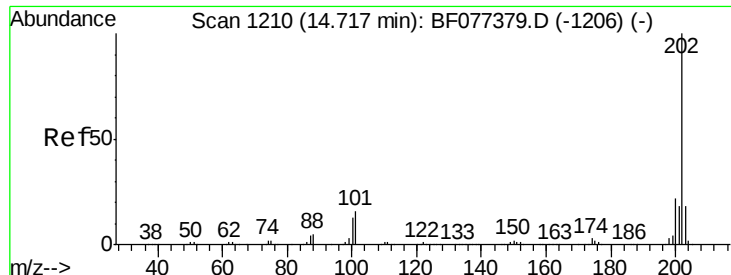
mohammad  
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#76  
Benzidine  
Concen: 19.98 ng  
RT: 14.50 min Scan# 1191  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 256737 |       |       |
| 185     | 14.3  | 12.6   | 18.8  |       |
| 183     | 11.5  | 9.3    | 13.9  |       |





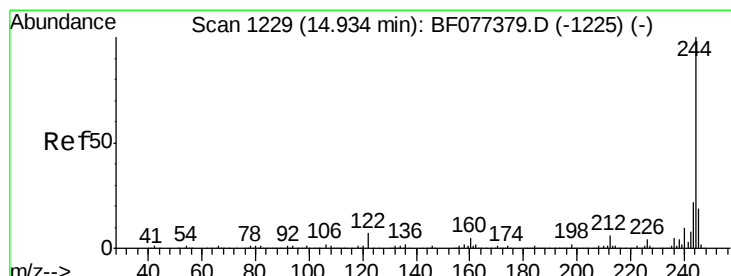
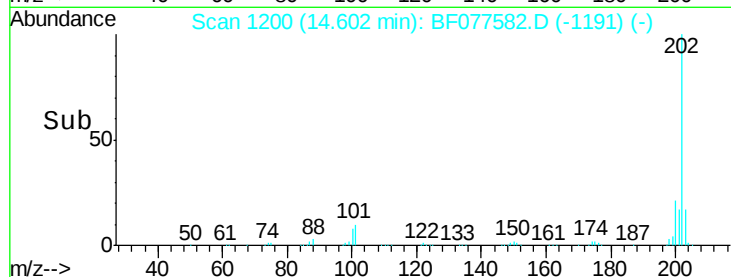
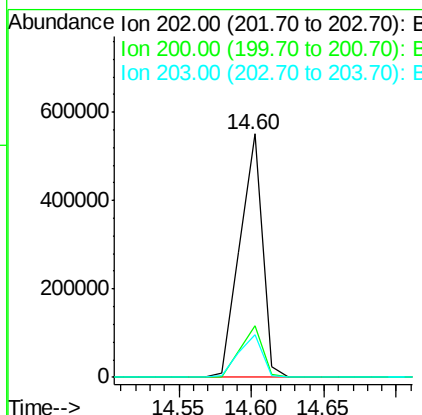
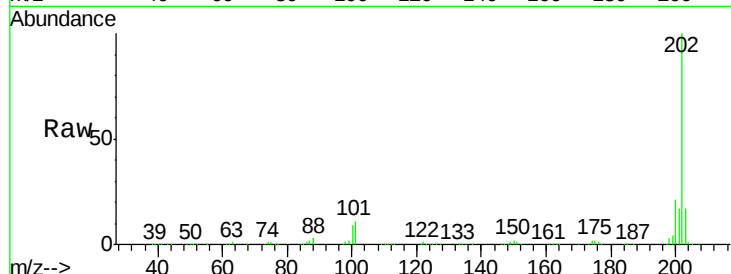
#77  
Pyrene  
Concen: 25.60 ng  
RT: 14.60 min Scan# 1200  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 21.2  | 17.1       | 25.7       |
| 203     | 17.4  | 14.2       | 21.2       |

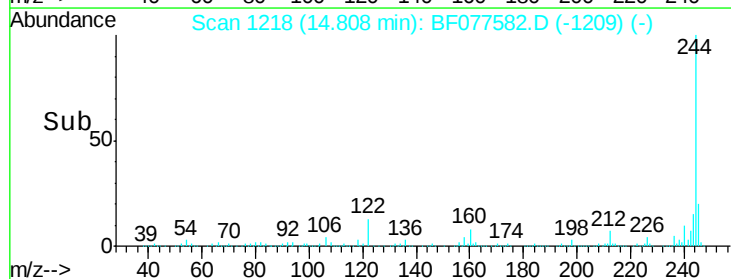
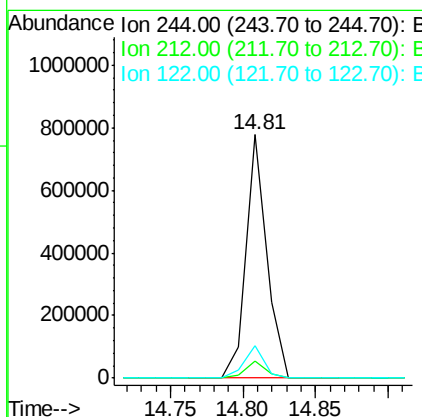
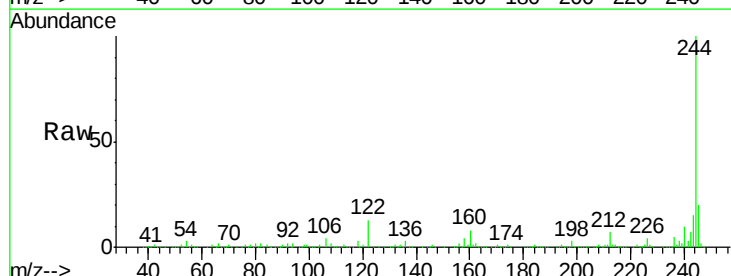
Manual Integrations  
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#78  
Terphenyl-d14  
Concen: 47.57 ng  
RT: 14.81 min Scan# 1218  
Delta R.T. -0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 7.1   | 5.2        | 7.8        |
| 122     | 13.3  | 7.8        | 11.8       |





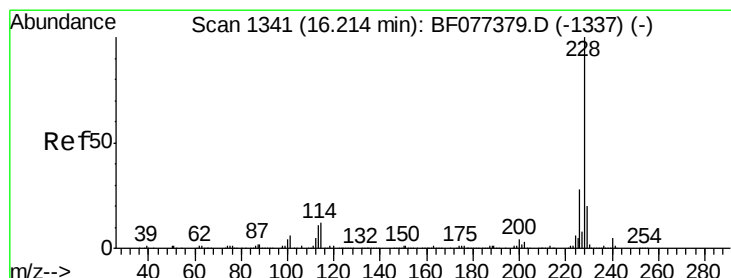
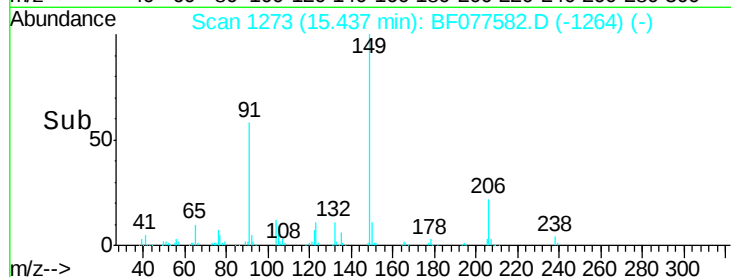
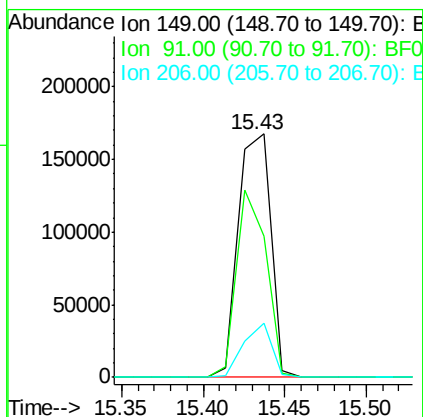
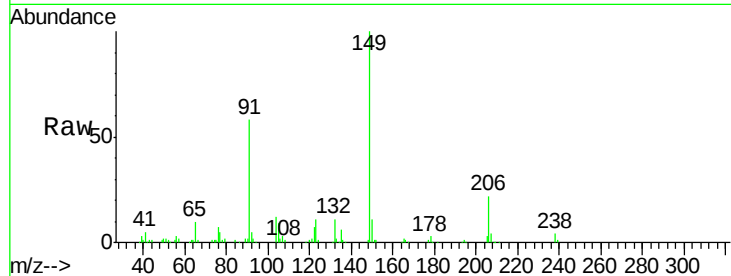
#79  
Butylbenzylphthalate  
Concen: 24.13 ng  
RT: 15.43 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 230921 |       |       |
| 91      | 57.9  | 51.2   | 76.8  |       |
| 206     | 22.4  | 17.8   | 26.8  |       |

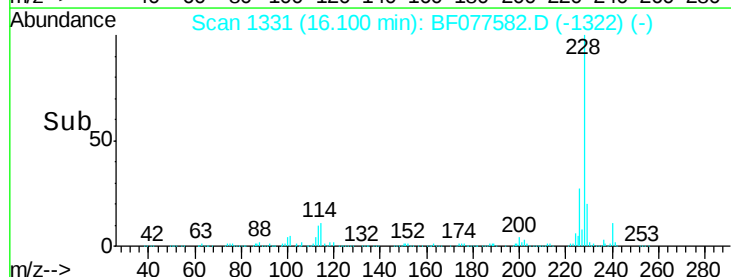
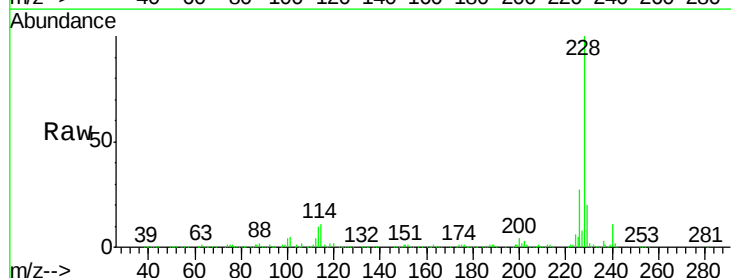
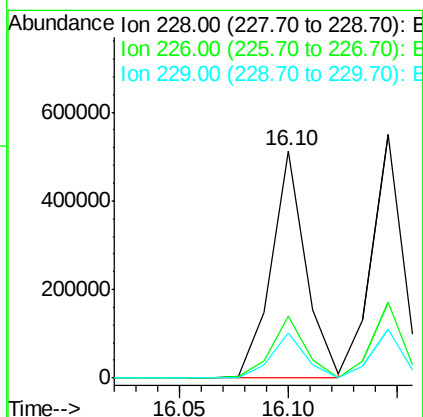
Manual Integrations  
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#80  
Benzo(a)anthracene  
Concen: 25.43 ng  
RT: 16.10 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 566759 |       |       |
| 226     | 27.1  | 22.0   | 33.0  |       |
| 229     | 20.0  | 15.8   | 23.8  |       |





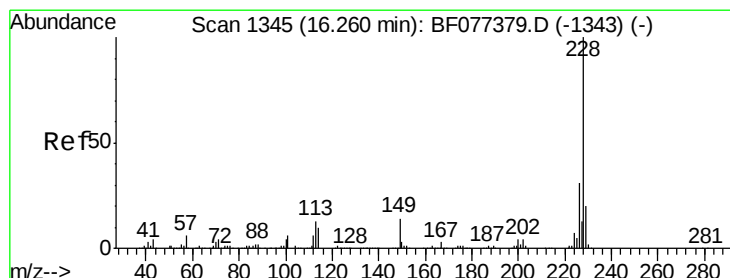
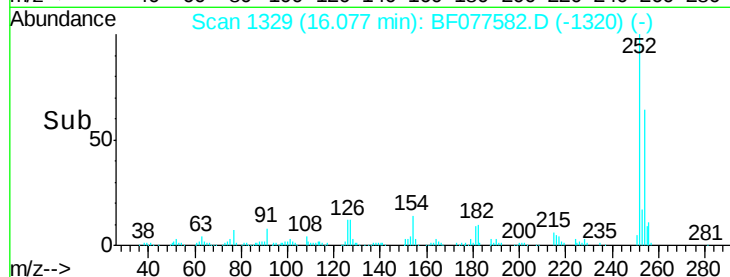
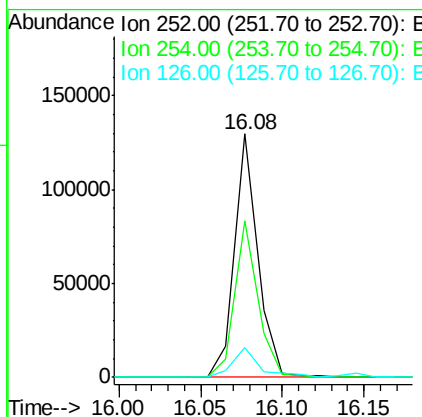
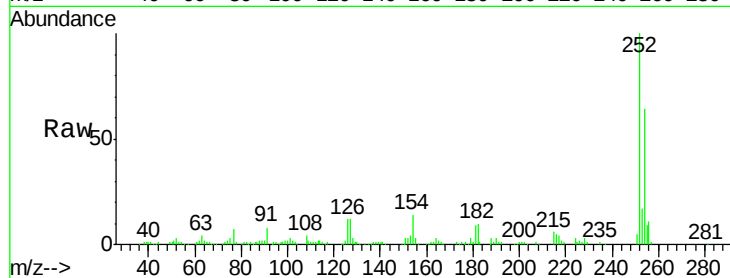
#81  
 3,3'-Dichlorobenzidine  
 Concen: 15.67 ng  
 RT: 16.08 min Scan# 1329  
 Delta R.T. 0.01 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 64.3  | 52.9       | 79.3  |
| 126     | 12.1  | 7.3        | 10.9  |

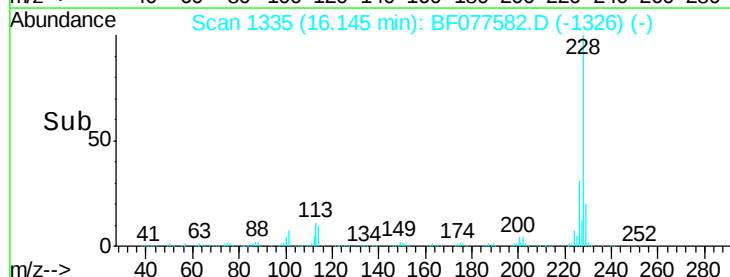
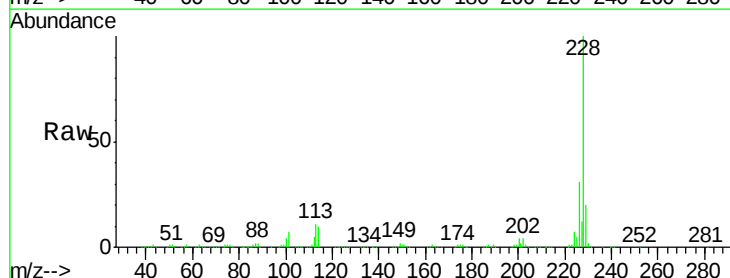
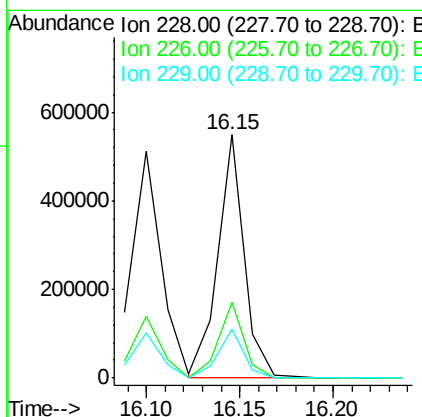
Manual Integrations  
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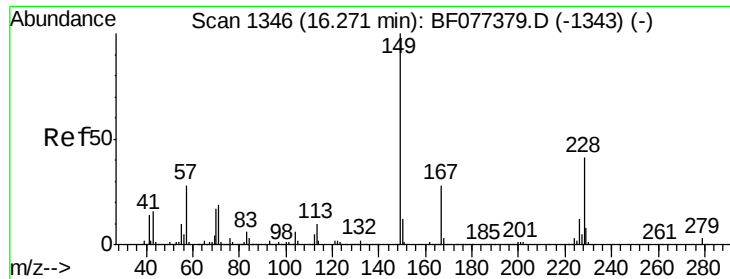
mohammad  
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#82  
 Chrysene  
 Concen: 25.66 ng  
 RT: 16.15 min Scan# 1335  
 Delta R.T. 0.01 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.0  | 24.9       | 37.3  |
| 229     | 20.4  | 16.4       | 24.6  |





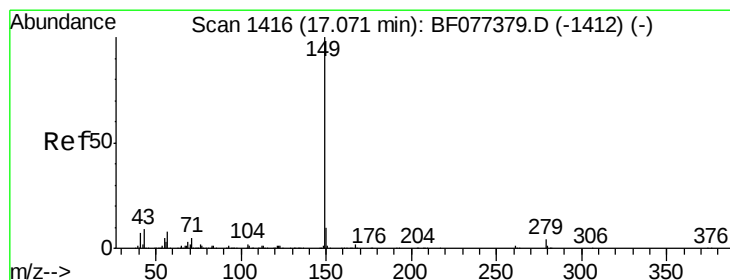
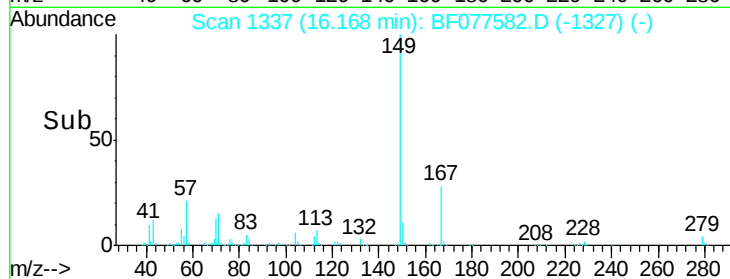
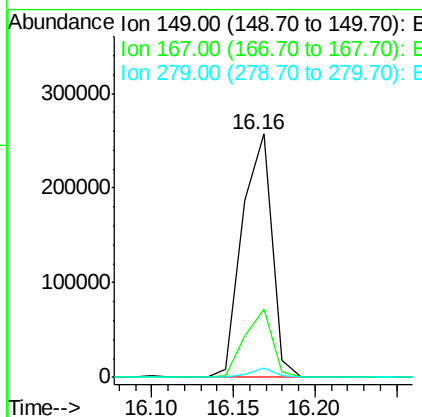
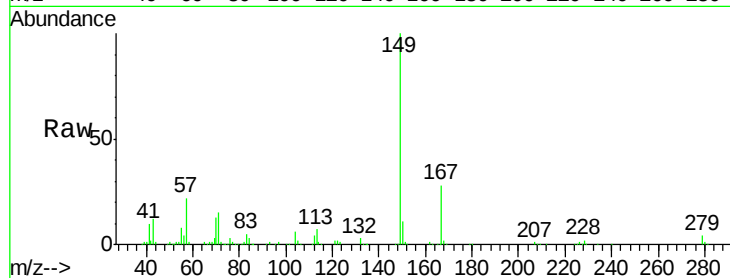
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 21.13 ng  
 RT: 16.16 min Scan# 1337  
 Delta R.T. 0.01 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.3  | 22.8  | 34.2  |
| 279     | 4.0   | 3.8   | 5.6   |

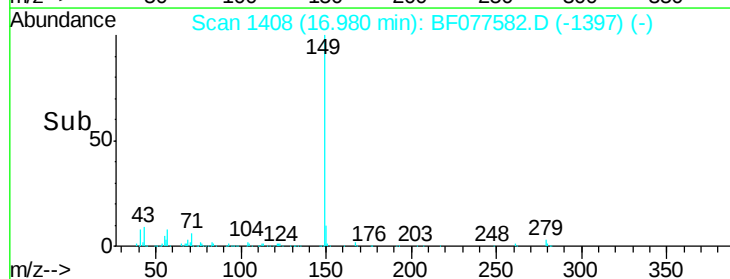
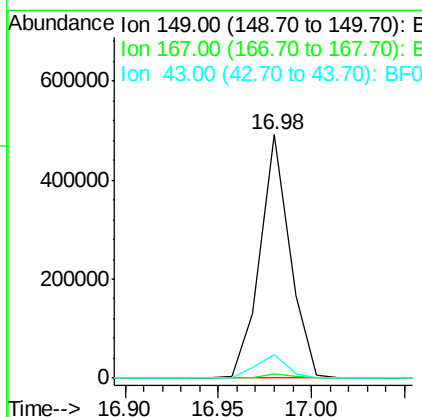
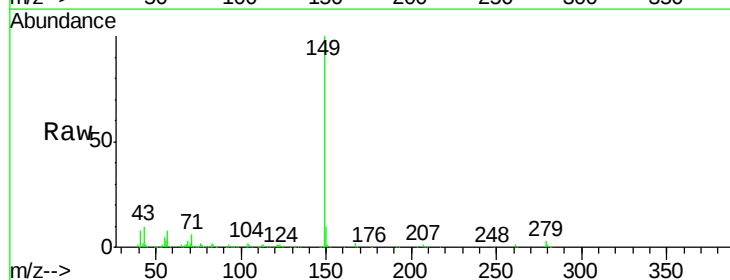
Manual Integrations  
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 3/5/2015 12:47:43 PM



#84  
 Di-n-octyl phthalate  
 Concen: 21.42 ng  
 RT: 16.98 min Scan# 1408  
 Delta R.T. 0.03 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.3   | 1.9   |
| 43      | 9.8   | 8.1   | 12.1  |





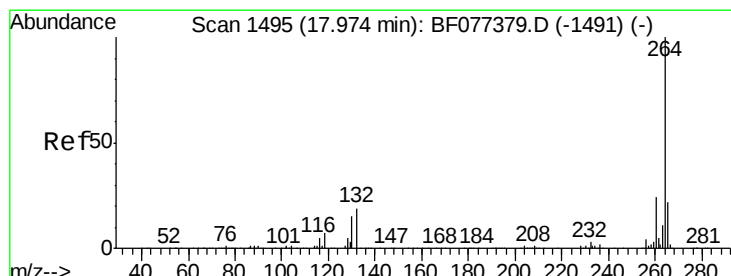
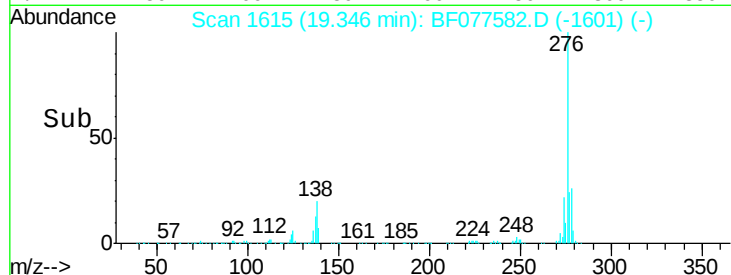
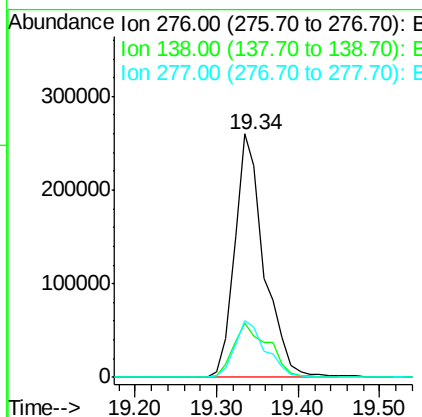
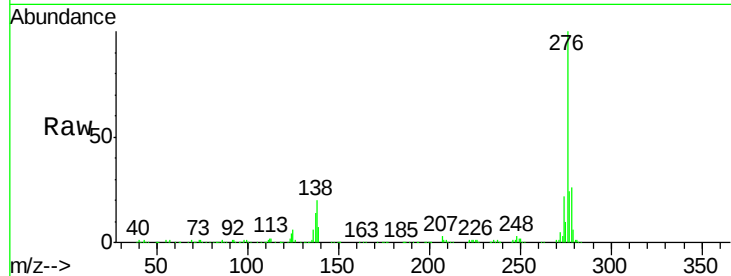
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 27.15 ng  
 RT: 19.34 min Scan# 1615  
 Delta R.T. 0.06 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 647897 |       |       |
| 138     | 26.9  | 21.2   | 31.8  |       |
| 277     | 24.8  | 20.0   | 30.0  |       |

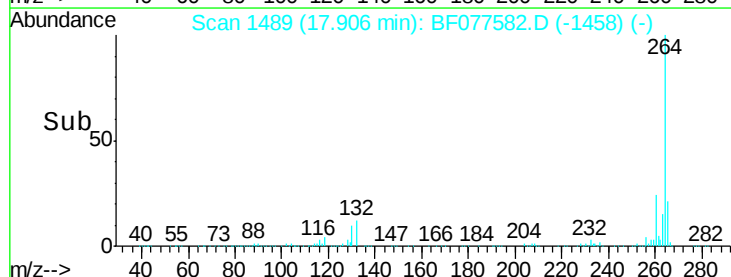
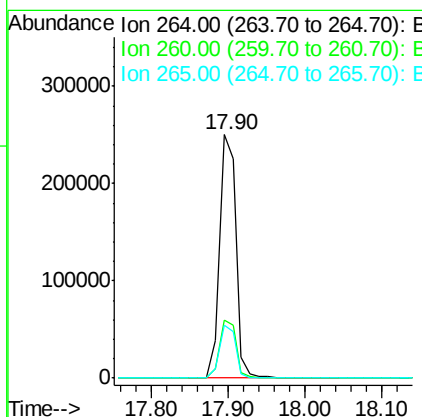
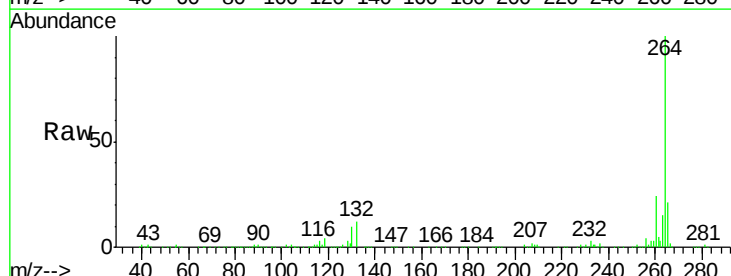
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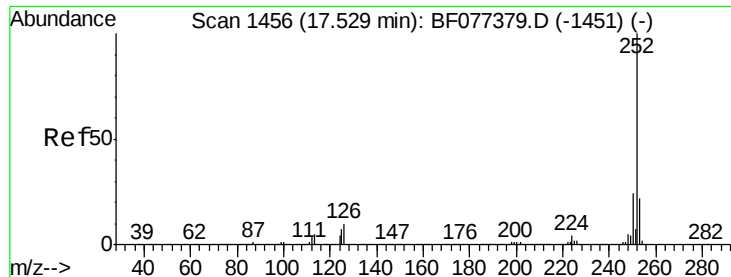
mohammad  
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.90 min Scan# 1489  
 Delta R.T. 0.05 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 375519 |       |       |
| 260     | 23.9  | 19.3   | 28.9  |       |
| 265     | 21.3  | 16.8   | 25.2  |       |





#87

Benzo(b)fluoranthene

Concen: 25.67 ng

RT: 17.44 min Scan# 1448

Delta R.T. 0.03 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

Instrument :

BNA\_F

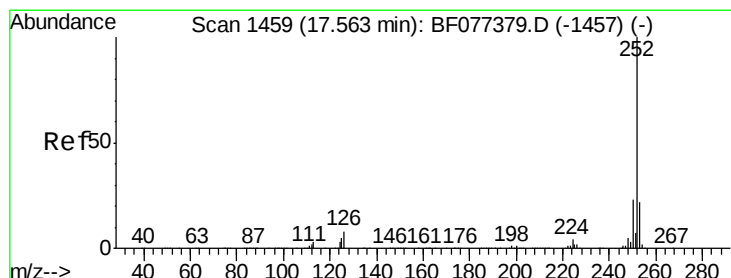
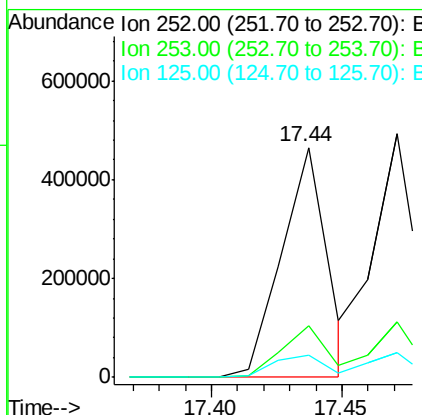
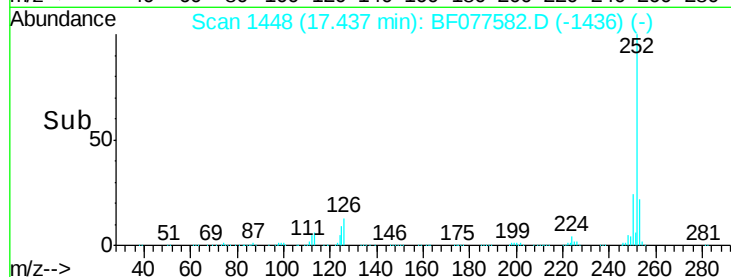
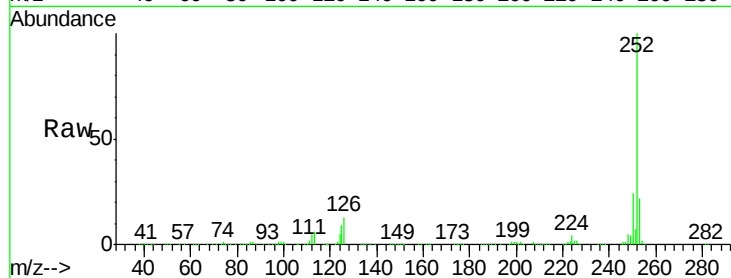
ClientSampleId :

PB81951BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.6  | 26.4  |
| 125     | 9.4   | 5.4   | 8.2#  |

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#88

Benzo(k)fluoranthene

Concen: 26.21 ng m

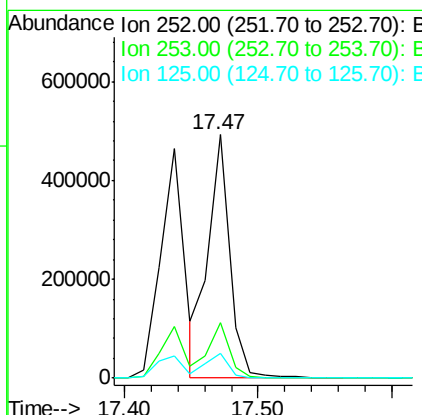
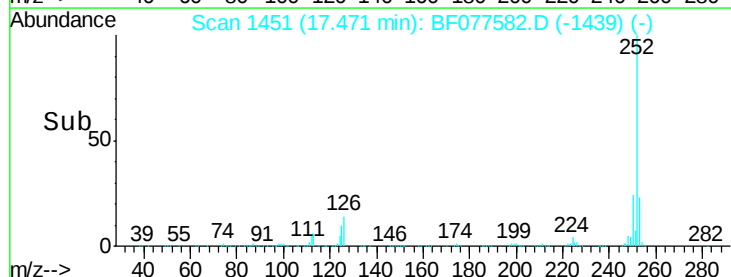
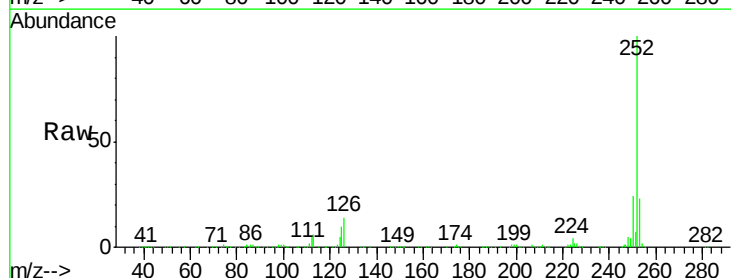
RT: 17.47 min Scan# 1451

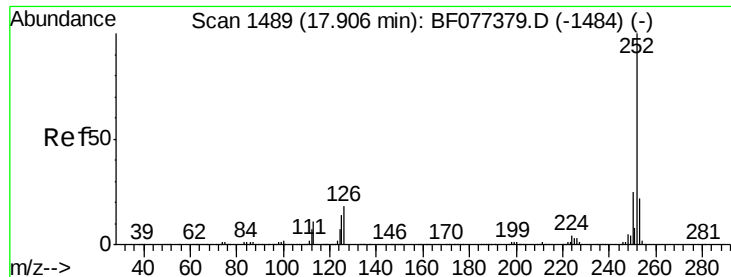
Delta R.T. 0.03 min

Lab File: BF077582.D

Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.1  | 27.1  |
| 125     | 10.0  | 10.1  | 15.1# |





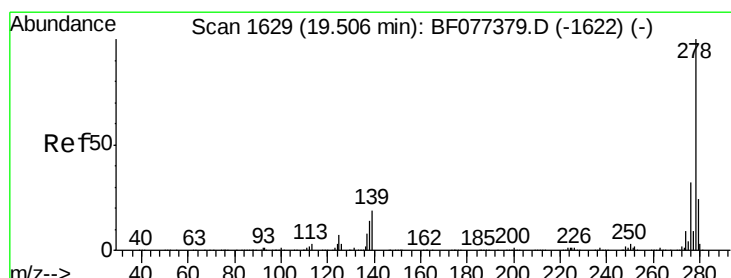
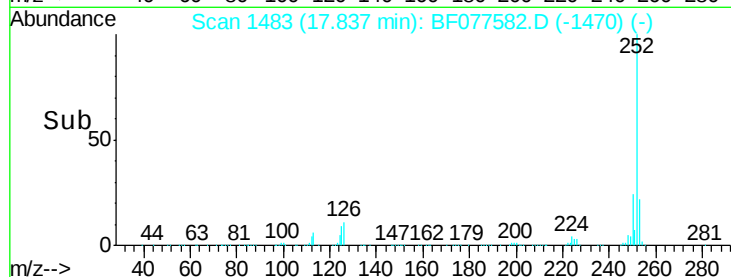
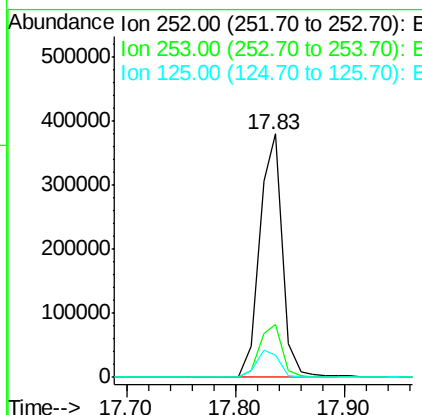
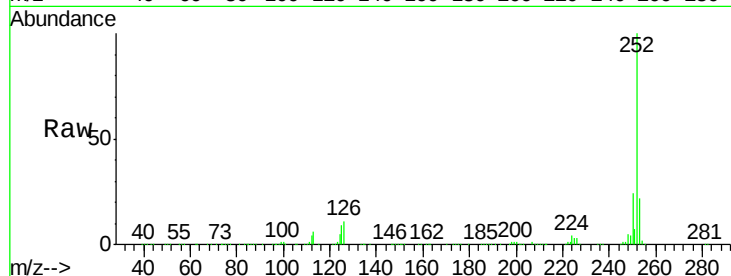
#89  
Benzo(a)pyrene  
Concen: 26.71 ng  
RT: 17.83 min Scan# 1483  
Delta R.T. 0.05 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB81951BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 21.8  | 18.2       | 27.2       |
| 125     | 9.0   | 8.3        | 12.5       |

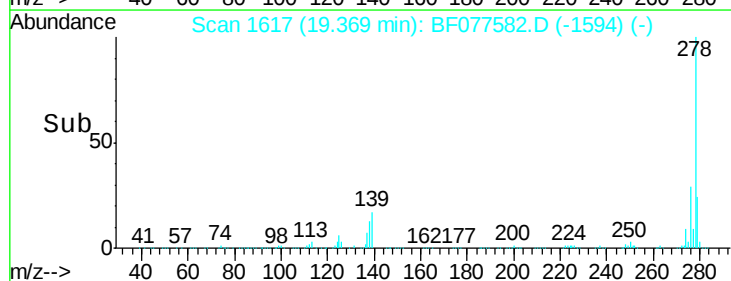
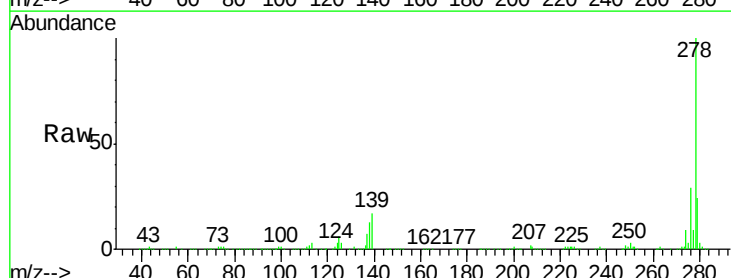
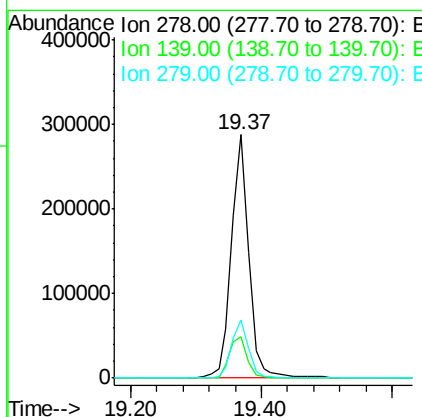
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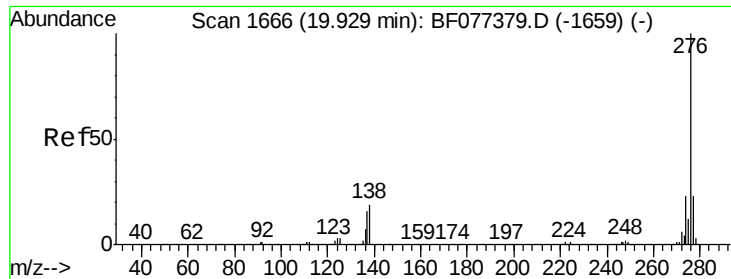
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#90  
Dibenzo(a,h)anthracene  
Concen: 26.70 ng  
RT: 19.37 min Scan# 1617  
Delta R.T. 0.06 min  
Lab File: BF077582.D  
Acq: 4 Mar 2015 14:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 16.9  | 14.3       | 21.5       |
| 279     | 23.7  | 19.0       | 28.6       |





#91  
 Benzo(g,h,i)perylene  
 Concen: 27.16 ng  
 RT: 19.76 min Scan# 1651  
 Delta R.T. 0.06 min  
 Lab File: BF077582.D  
 Acq: 4 Mar 2015 14:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81951BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 543664 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.5 | 18.9  | 28.3   |
| 138       | 24.9 | 20.5  | 30.7   |

Manual Integrations  
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