

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\  
 Data File : BF079482.D  
 Acq On : 26 May 2015 17:49  
 Operator : TP/IZ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

apatel  
 5/27/2015 2:00:35 PM

Quant Time: May 26 18:58:23 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 26 18:36:44 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.02  | 152  | 88349    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.59  | 136  | 368987   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.76 | 164  | 181858   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.60 | 188  | 341535   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 15.89 | 240  | 330678   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 17.63 | 264  | 355234   | 20.00 | ng    | 0.05     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.30  | 112 | 487946m | 94.55 | ng | 0.00 |
| 7) Phenol-d6             | 6.62  | 99  | 626432  | 91.57 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.72  | 82  | 631919  | 97.58 | ng | 0.01 |
| 41) 2,4,6-Tribromophenol | 11.75 | 330 | 194378  | 97.95 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.94  | 172 | 1108864 | 84.24 | ng | 0.00 |
| 78) Terphenyl-d14        | 14.59 | 244 | 1262283 | 89.97 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.85 | 88  | 115899m | 50.68 | ng |        |
| 3) Pyridine                    | 2.49 | 79  | 266004m | 41.18 | ng |        |
| 4) n-Nitrosodimethylamine      | 2.43 | 42  | 132547m | 47.99 | ng |        |
| 6) Aniline                     | 6.60 | 93  | 431577m | 45.09 | ng |        |
| 8) 2-Chlorophenol              | 6.75 | 128 | 287380  | 48.27 | ng | 97     |
| 9) Benzaldehyde                | 6.47 | 77  | 169690  | 37.89 | ng | 99     |
| 10) Phenol                     | 6.63 | 94  | 367386  | 46.32 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.72 | 93  | 268964  | 46.14 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.94 | 146 | 308365  | 46.48 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.04 | 146 | 319053  | 46.87 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.22 | 146 | 293171  | 46.36 | ng | 98     |
| 15) Benzyl Alcohol             | 7.22 | 79  | 227354  | 45.02 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.39 | 45  | 380861  | 43.22 | ng | 99     |
| 17) 2-Methylphenol             | 7.37 | 107 | 222483  | 46.84 | ng | 98     |
| 18) Hexachloroethane           | 7.63 | 117 | 110430  | 47.20 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.55 | 70  | 223762  | 48.93 | ng | # 89   |
| 20) 3+4-Methylphenols          | 7.58 | 107 | 310650  | 49.16 | ng | 99     |
| 22) Acetophenone               | 7.54 | 105 | 387814  | 46.13 | ng | # 89   |
| 24) Nitrobenzene               | 7.75 | 77  | 299972  | 46.71 | ng | # 82   |
| 25) Isophorone                 | 8.04 | 82  | 567266  | 47.36 | ng | 98     |
| 26) 2-Nitrophenol              | 8.14 | 139 | 152195  | 56.33 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 8.22 | 122 | 260536  | 48.99 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.33 | 93  | 353518  | 48.09 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.44 | 162 | 236957  | 49.83 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.54 | 180 | 244324  | 47.06 | ng | # 93   |
| 31) Naphthalene                | 8.63 | 128 | 838994  | 47.19 | ng | 99     |
| 32) Benzoic acid               | 8.36 | 122 | 154109  | 49.63 | ng | 96     |
| 33) 4-Chloroaniline            | 8.71 | 127 | 357507  | 47.40 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.78 | 225 | 137681  | 45.90 | ng | 99     |
| 35) Caprolactam                | 9.15 | 113 | 78393   | 50.93 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 9.34 | 107 | 243868  | 49.35 | ng | # 76   |
| 37) 2-Methylnaphthalene        | 9.48 | 142 | 593292  | 48.29 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.69 | 216 | 237317  | 45.75 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 9.67 | 237 | 62228   | 26.65 | ng | 95     |

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 BNA\_F  
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 SSTDICC050

Manual Integrations  
 APPROVED

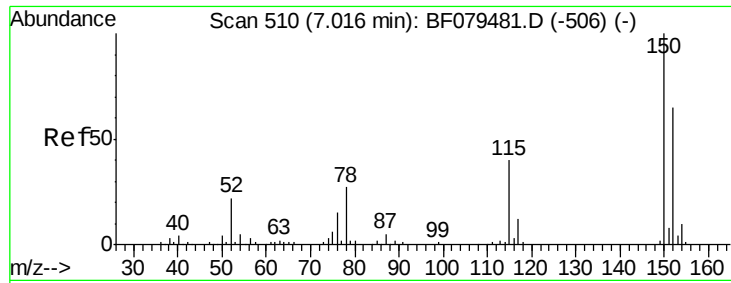
apatel  
 5/27/2015 2:00:35 PM

Quant Time: May 26 18:58:23 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.84  | 196  | 166334   | 46.71 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.90  | 196  | 170691   | 47.70 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 10.07 | 154  | 681715   | 46.58 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 10.08 | 162  | 513592   | 44.71 | nq    | 98       |
| 47) 2-Nitroaniline             | 10.23 | 65   | 167169   | 50.63 | nq    | # 51     |
| 48) Acenaphthylene             | 10.59 | 152  | 878151   | 46.77 | nq    | 99       |
| 49) Dimethylphthalate          | 10.46 | 163  | 616534   | 45.63 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.54 | 165  | 139952   | 52.47 | nq    | # 87     |
| 51) Acenaphthene               | 10.80 | 154  | 489686   | 44.20 | nq    | 100      |
| 52) 3-Nitroaniline             | 10.74 | 138  | 173906   | 52.00 | nq    | # 74     |
| 53) 2,4-Dinitrophenol          | 10.88 | 184  | 44820    | 59.40 | nq    | 93       |
| 54) Dibenzofuran               | 11.02 | 168  | 720384   | 44.82 | nq    | 99       |
| 55) 4-Nitrophenol              | 10.98 | 139  | 91409m   | 36.86 | nq    |          |
| 56) 2,4-Dinitrotoluene         | 11.03 | 165  | 178895   | 50.67 | nq    | 92       |
| 57) Fluorene                   | 11.44 | 166  | 599055   | 45.06 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.19 | 232  | 124186   | 42.84 | nq    | # 100    |
| 59) Diethylphthalate           | 11.34 | 149  | 626016   | 46.91 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 11.45 | 204  | 260482   | 44.45 | nq    | 94       |
| 61) 4-Nitroaniline             | 11.50 | 138  | 168926   | 51.31 | nq    | 88       |
| 62) Azobenzene                 | 11.64 | 77   | 582945   | 44.71 | nq    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 11.53 | 198  | 82459    | 58.53 | nq    | 82       |
| 65) n-Nitrosodiphenylamine     | 11.61 | 169  | 552623   | 48.23 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.06 | 248  | 165962   | 45.90 | nq    | # 92     |
| 67) Hexachlorobenzene          | 12.11 | 284  | 189632   | 46.01 | nq    | 94       |
| 68) Atrazine                   | 12.28 | 200  | 149194   | 44.77 | nq    | 97       |
| 69) Pentachlorophenol          | 12.38 | 266  | 80823    | 41.26 | nq    | 97       |
| 70) Phenanthrene               | 12.63 | 178  | 862762   | 44.89 | nq    | 99       |
| 71) Anthracene                 | 12.70 | 178  | 904136   | 47.54 | nq    | 99       |
| 72) Carbazole                  | 12.90 | 167  | 852652   | 47.12 | nq    | 99       |
| 73) Di-n-butylphthalate        | 13.36 | 149  | 999444   | 46.35 | nq    | 100      |
| 74) Fluoranthene               | 14.10 | 202  | 940947   | 46.72 | nq    | 96       |
| 76) Benzidine                  | 14.30 | 184  | 357549   | 41.55 | nq    | 98       |
| 77) Pyrene                     | 14.38 | 202  | 956042   | 49.20 | nq    | 99       |
| 79) Butylbenzylphthalate       | 15.21 | 149  | 442668   | 52.42 | nq    | 92       |
| 80) Benzo(a)anthracene         | 15.87 | 228  | 873051   | 47.61 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 15.86 | 252  | 333954   | 50.98 | nq    | # 99     |
| 82) Chrysene                   | 15.92 | 228  | 857041   | 48.31 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 15.94 | 149  | 629557   | 49.63 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 16.74 | 149  | 1088766  | 48.39 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 18.97 | 276  | 1105825  | 49.13 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 17.19 | 252  | 874366   | 44.73 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 17.22 | 252  | 917155m  | 47.98 | nq    |          |
| 89) Benzo(a)pyrene             | 17.58 | 252  | 871290   | 47.98 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 18.99 | 278  | 893419   | 46.58 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 19.36 | 276  | 908032   | 46.96 | nq    | 99       |

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





#1

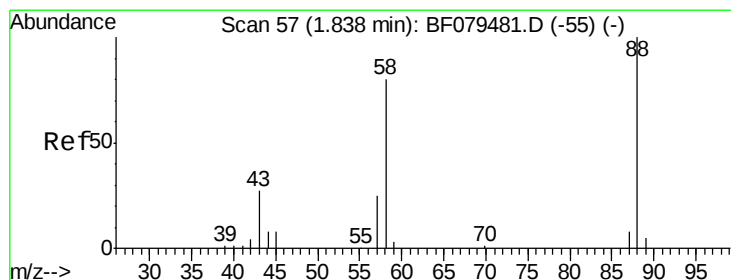
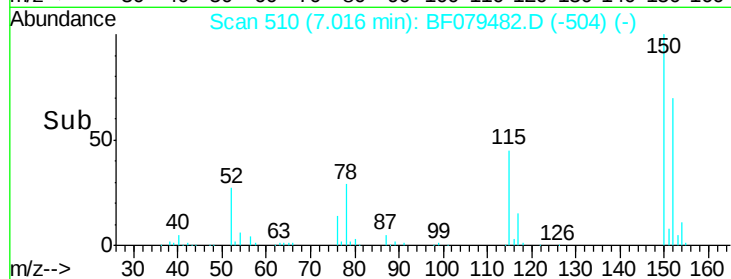
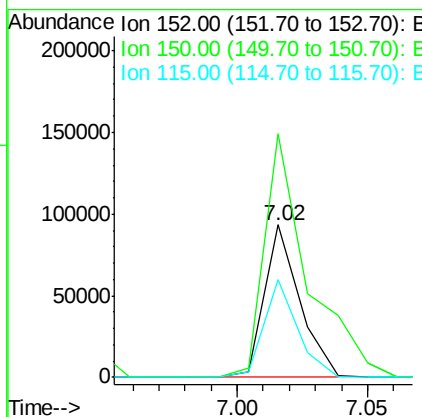
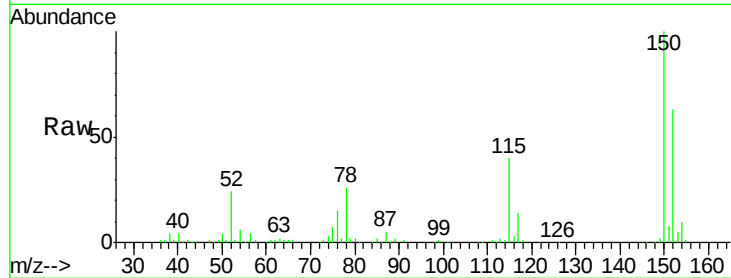
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.02 min Scan# 510  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.6 | 124.0 | 186.0 |
| 115     | 64.3  | 49.6  | 74.4  |

Manual Integrations  
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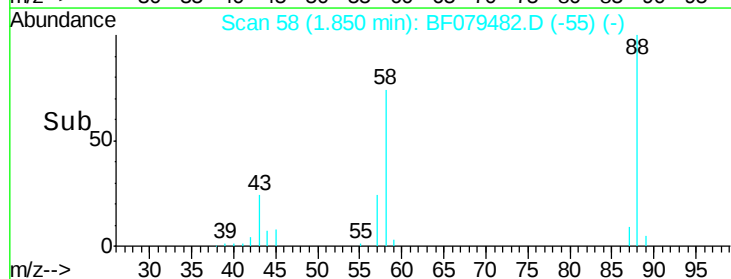
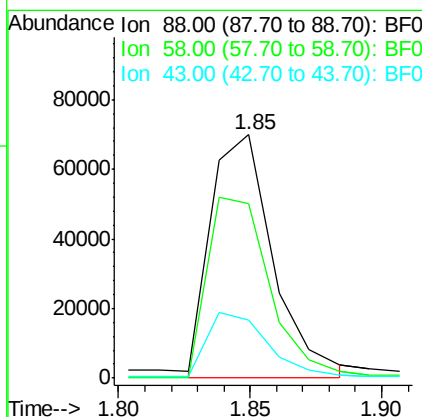
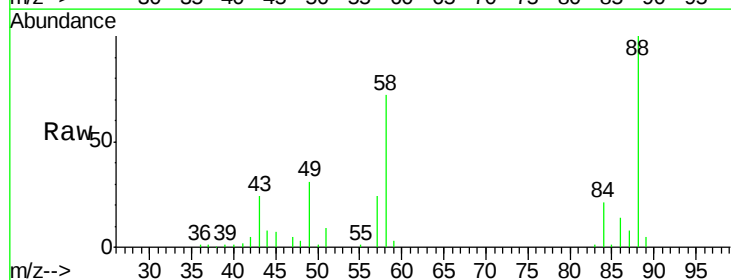
apatel  
5/27/2015 2:00:35 PM

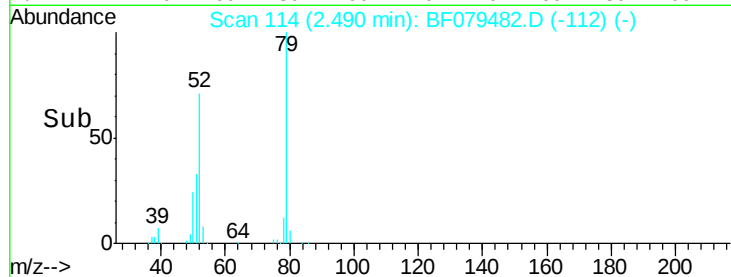
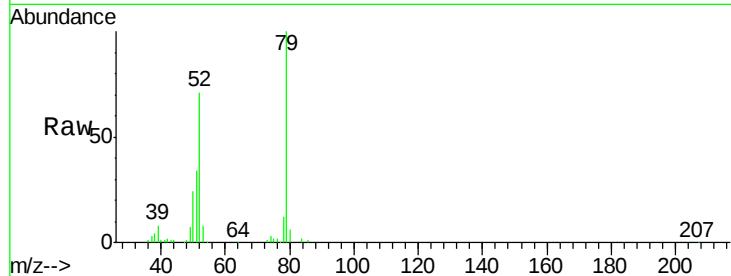


#2

1,4-Dioxane  
Concen: 50.68 ng m  
RT: 1.85 min Scan# 58  
Delta R.T. 0.01 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 0.0   | 0.0   | 0.0   |
| 43      | 0.0   | 0.0   | 0.0   |





#3

Pvridine

Concen: 41.18 ng/ml

RT: 2.49 min Scan# 114

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

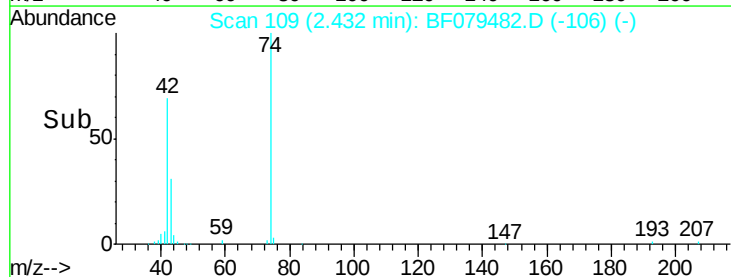
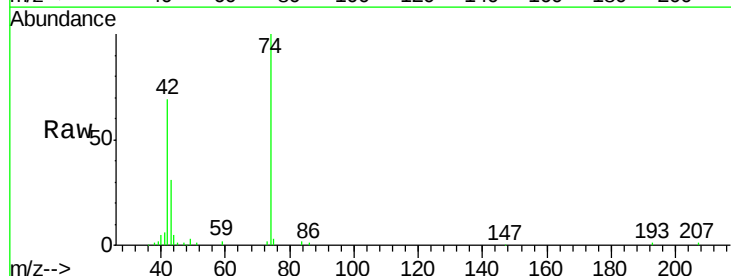
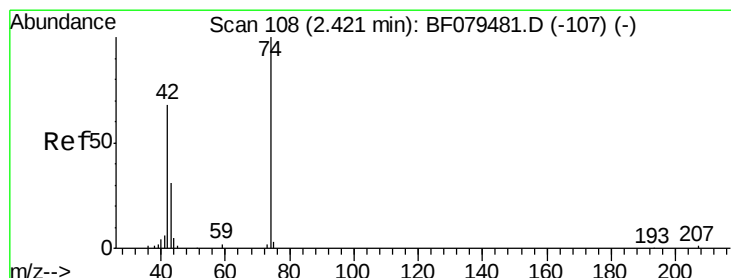
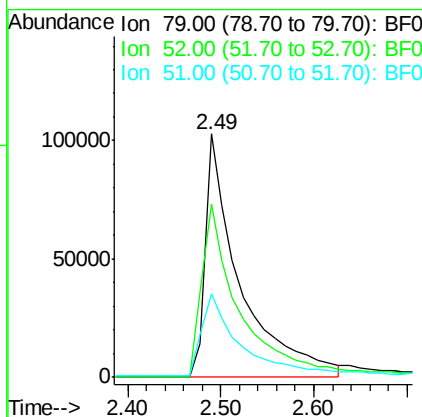
ClientSampleId :

SSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 266004 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 71.3  | 57.4  | 86.2   |
| 51       | 34.2  | 29.4  | 44.0   |

Manual Integrations  
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5/27/2015 2:00:35 PM



#4

n-Nitrosodimethylamine

Concen: 47.99 ng/ml

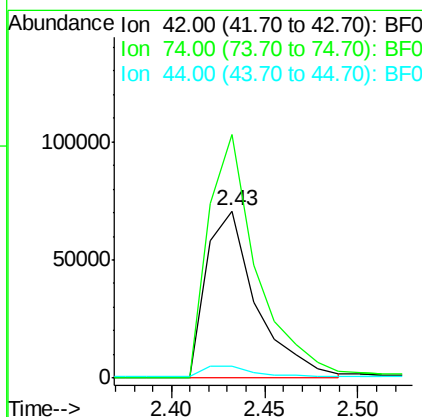
RT: 2.43 min Scan# 109

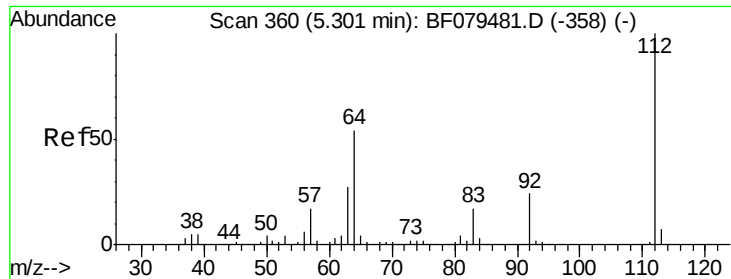
Delta R.T. 0.01 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 132547 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 145.9 | 117.6 | 176.4  |
| 44       | 7.2   | 6.9   | 10.3   |





#5

2-Fluorophenol

Concen: 94.55 ng m

RT: 5.30 min Scan# 360

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

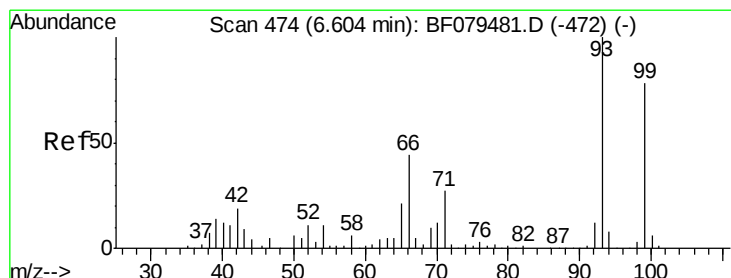
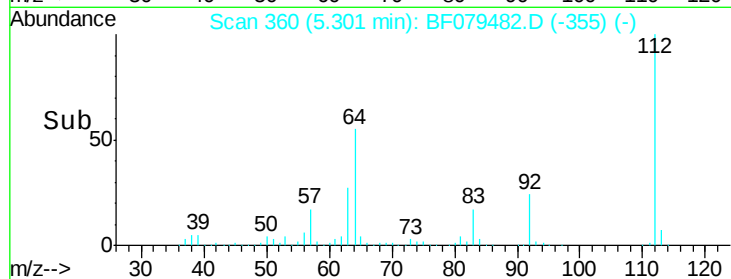
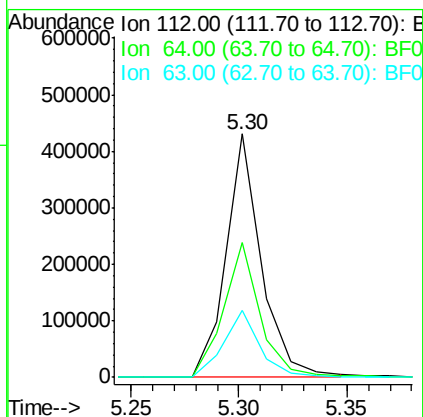
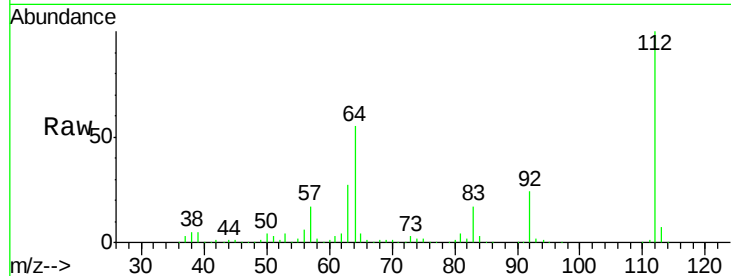
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 487946 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 55.2  | 43.5  | 65.3   |
| 63        | 27.3  | 21.8  | 32.8   |

Manual Integrations  
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#6

Aniline

Concen: 45.09 ng m

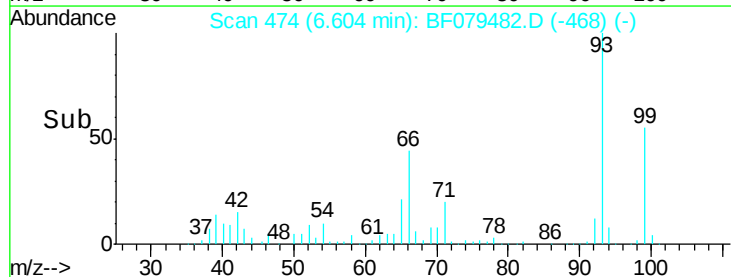
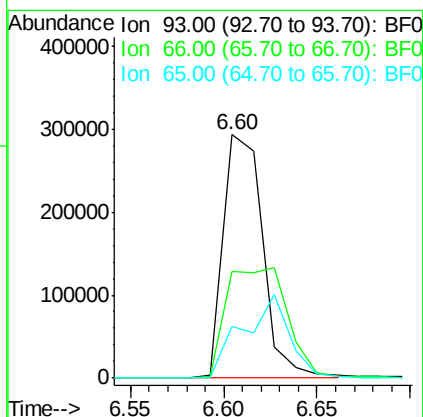
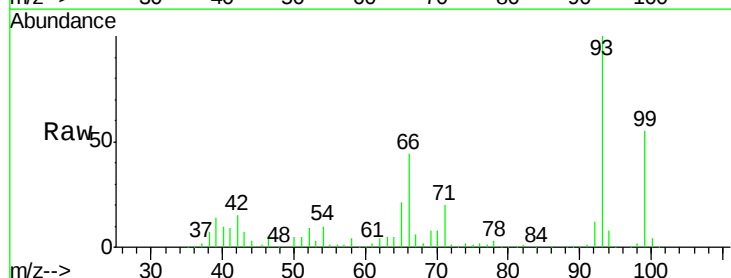
RT: 6.60 min Scan# 474

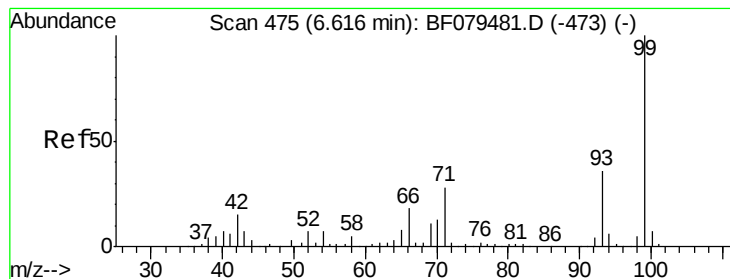
Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 431577 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.0  | 34.8  | 52.2   |
| 65        | 21.2  | 16.7  | 25.1   |





#7

Phenol-d6

Concen: 91.57 ng

RT: 6.62 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

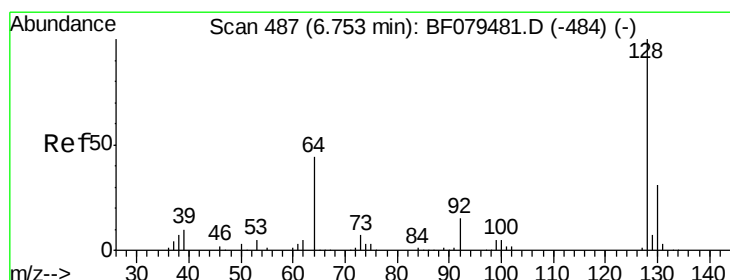
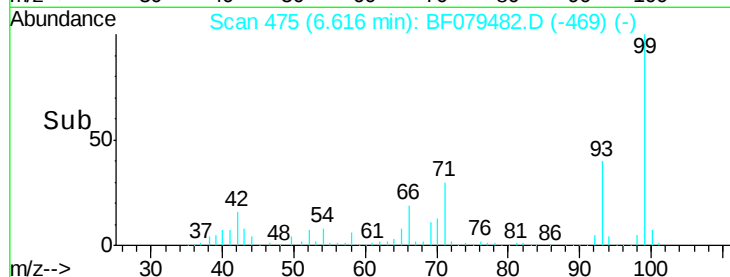
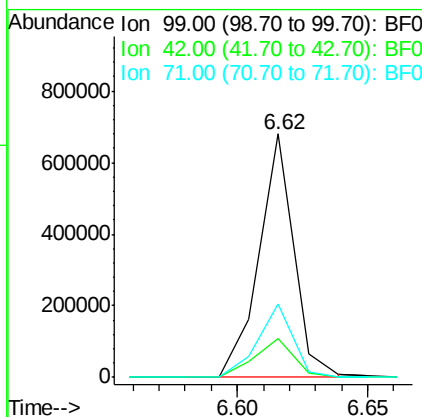
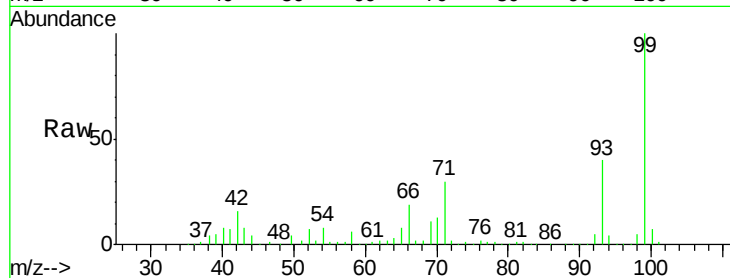
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 626432 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.0  | 11.9  | 17.9   |
| 71        | 30.3  | 22.1  | 33.1   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 48.27 ng

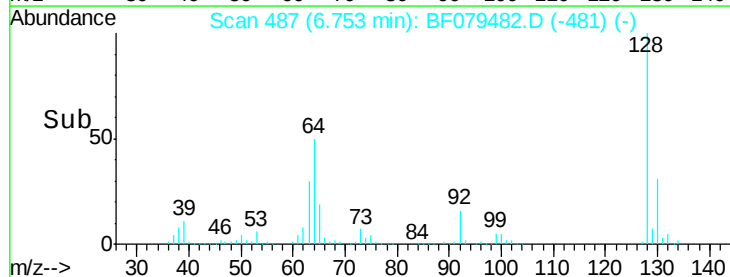
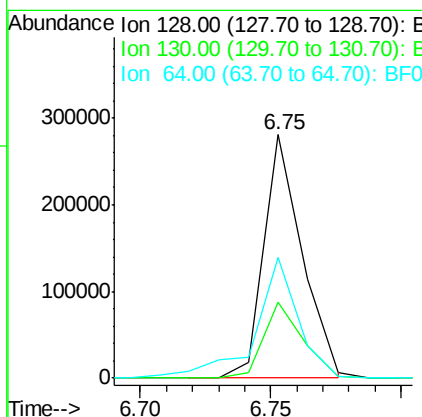
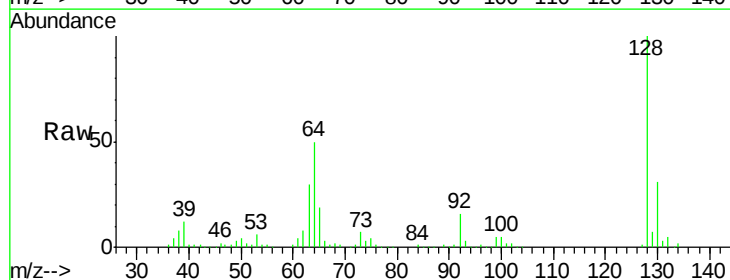
RT: 6.75 min Scan# 487

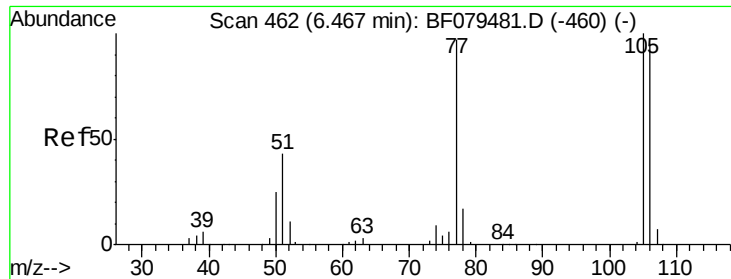
Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 287380 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.4  | 11.4  | 51.4   |
| 64        | 49.5  | 25.9  | 65.9   |





#9

Benzaldehyde

Concen: 37.89 ng

RT: 6.47 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

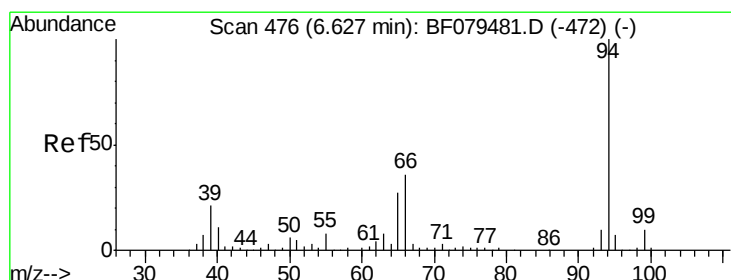
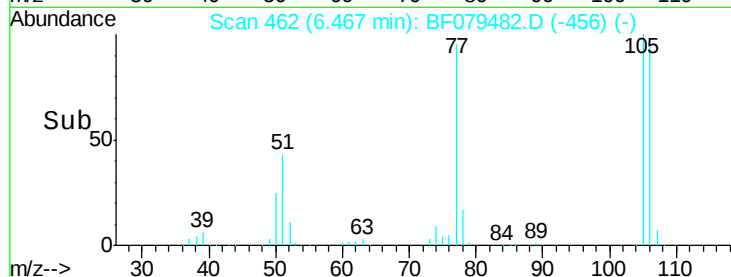
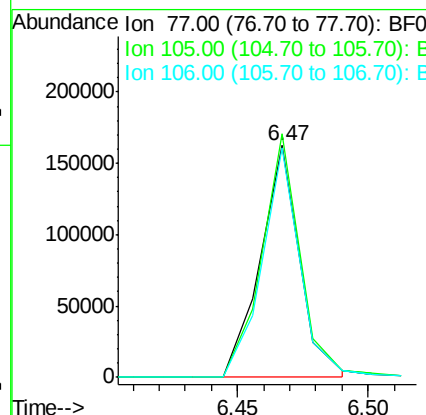
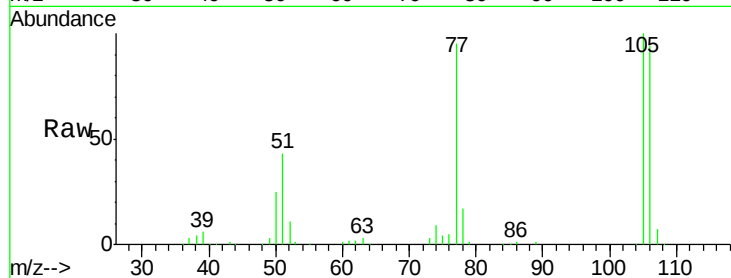
ClientSampleId :

SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 105.0 | 83.3  | 123.3 |
| 106     | 98.8  | 78.4  | 118.4 |

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#10

Phenol

Concen: 46.32 ng

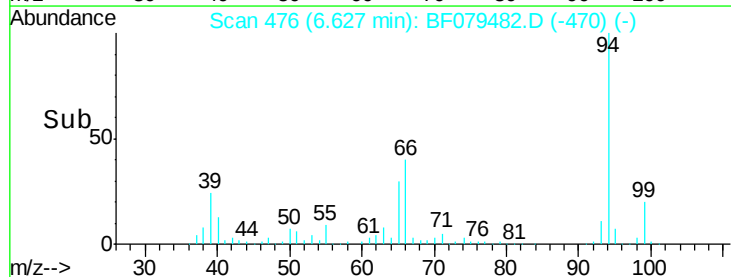
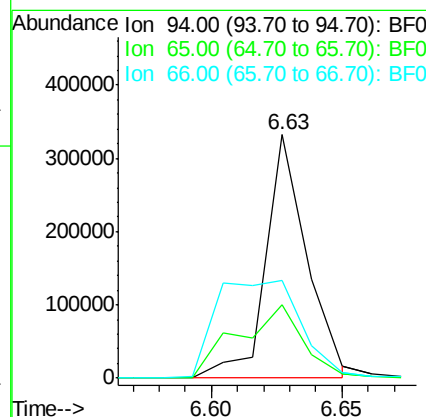
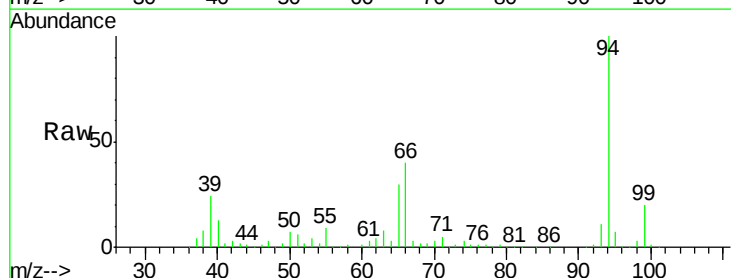
RT: 6.63 min Scan# 476

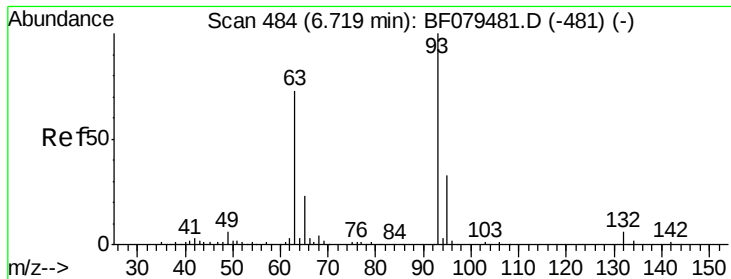
Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.3  | 7.2   | 47.2  |
| 66      | 39.9  | 16.2  | 56.2  |





#11

bis(2-Chloroethyl)ether

Concen: 46.14 ng

RT: 6.72 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

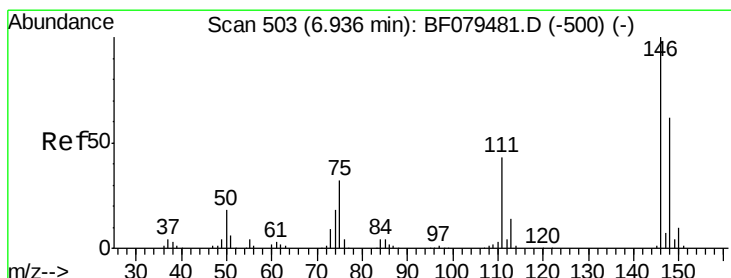
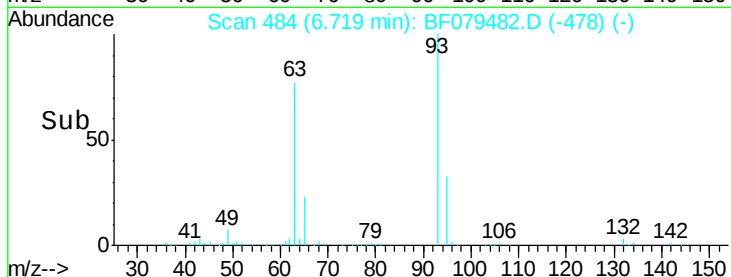
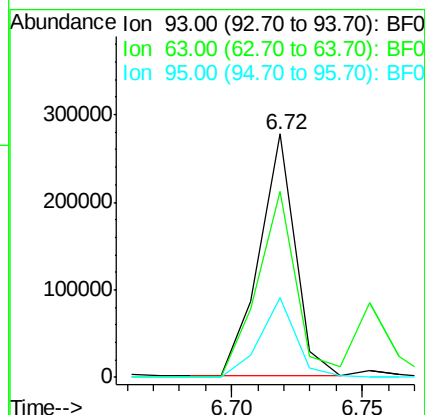
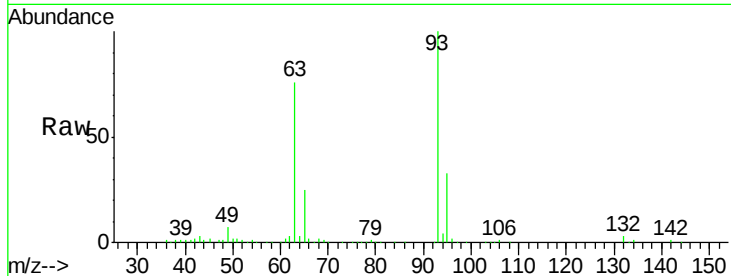
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 268964 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 76.2  | 51.8  | 91.8   |
| 95        | 32.6  | 13.0  | 53.0   |

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#12

1,3-Dichlorobenzene

Concen: 46.48 ng

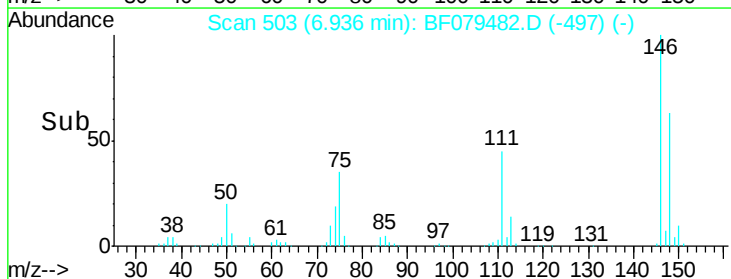
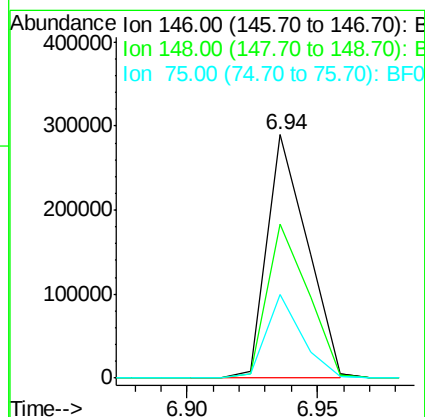
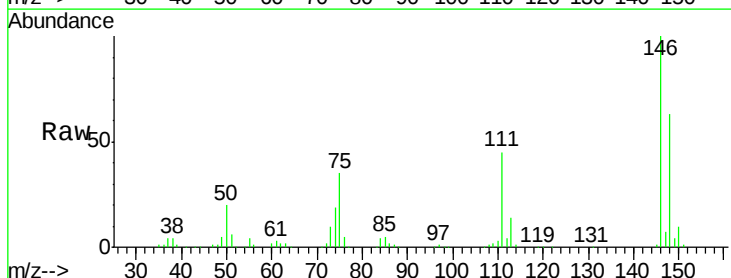
RT: 6.94 min Scan# 503

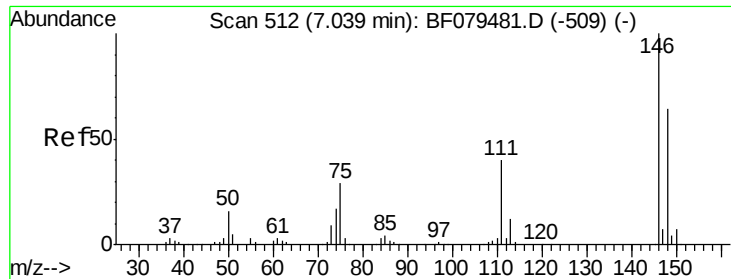
Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 308365 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 49.6  | 74.4   |
| 75        | 34.5  | 25.9  | 38.9   |





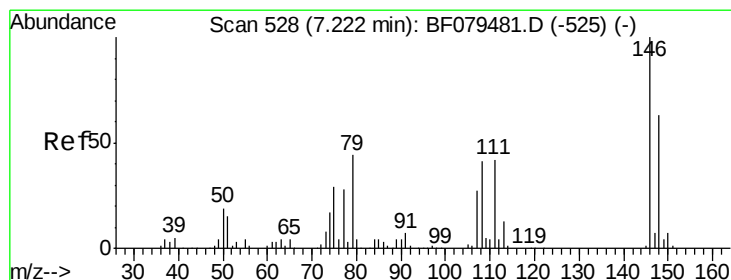
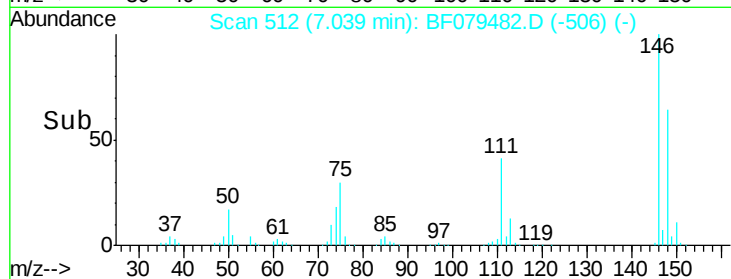
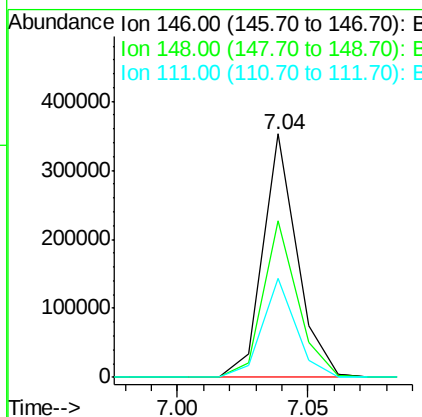
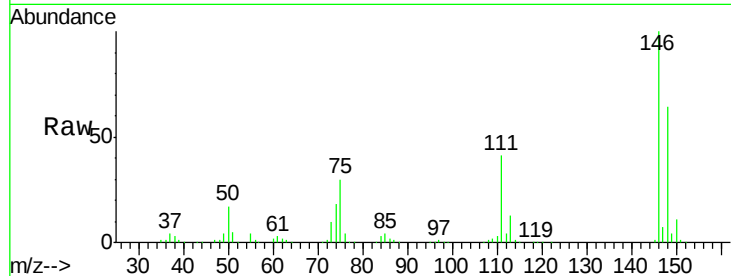
#13  
 1,4-Dichlorobenzene  
 Concen: 46.87 ng  
 RT: 7.04 min Scan# 512  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 51.3  | 76.9  |
| 111     | 40.6  | 31.8  | 47.8  |

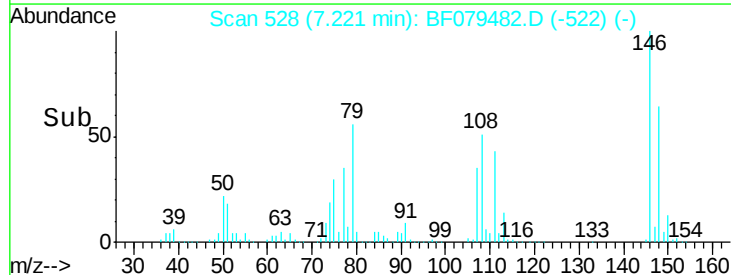
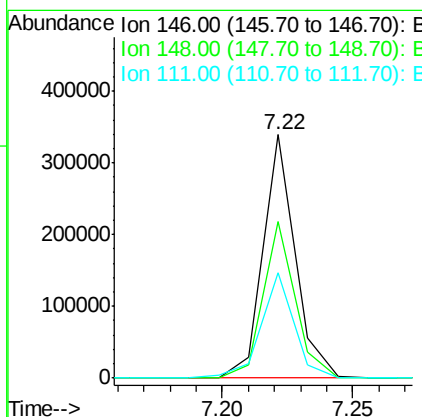
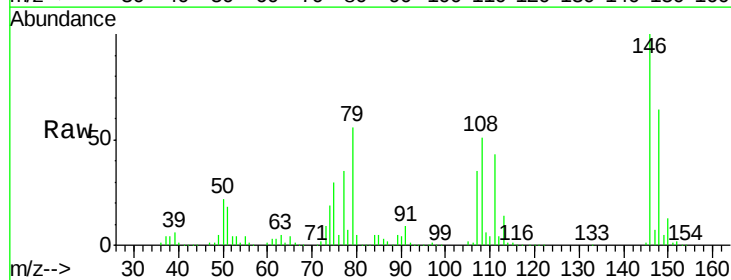
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#14  
 1,2-Dichlorobenzene  
 Concen: 46.36 ng  
 RT: 7.22 min Scan# 528  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 50.6  | 76.0  |
| 111     | 43.1  | 33.2  | 49.8  |





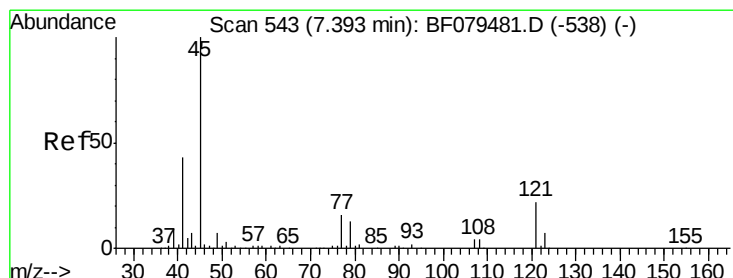
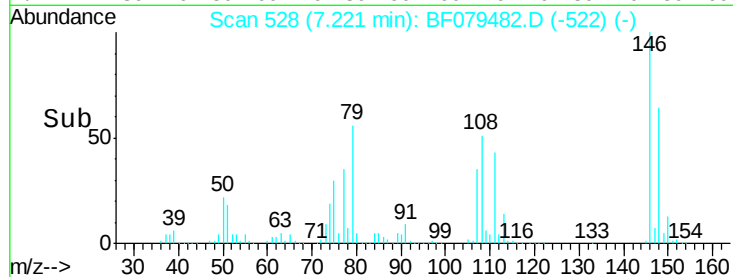
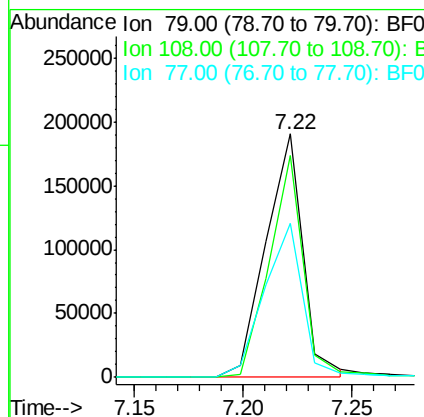
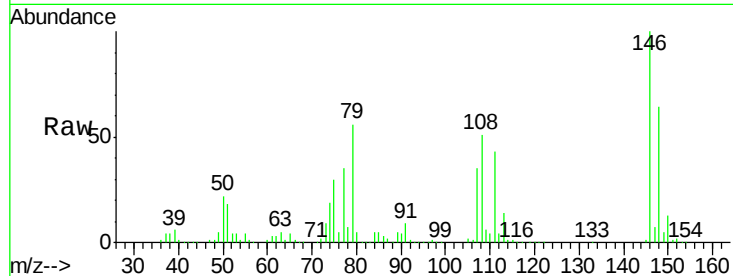
#15  
Benzyl Alcohol  
Concen: 45.02 ng  
RT: 7.22 min Scan# 528  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 91.3  | 73.7  | 110.5 |
| 77      | 63.2  | 51.1  | 76.7  |

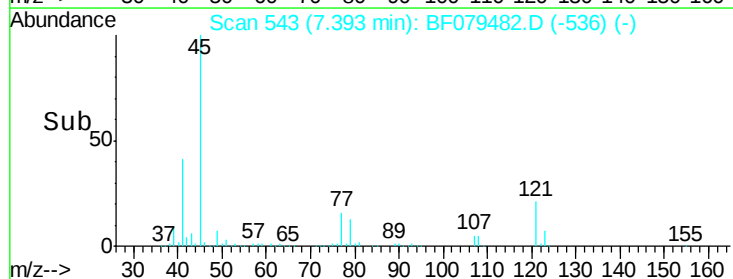
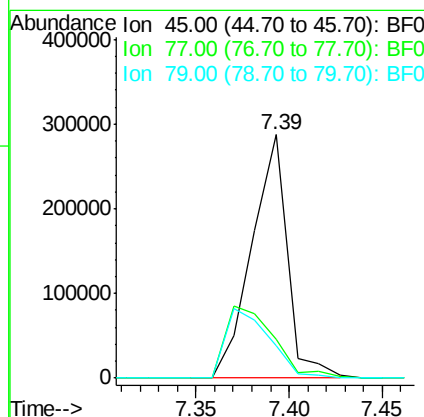
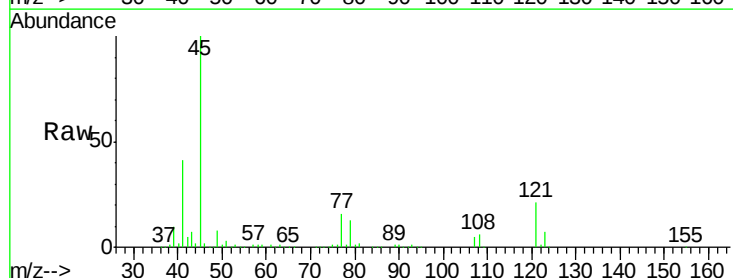
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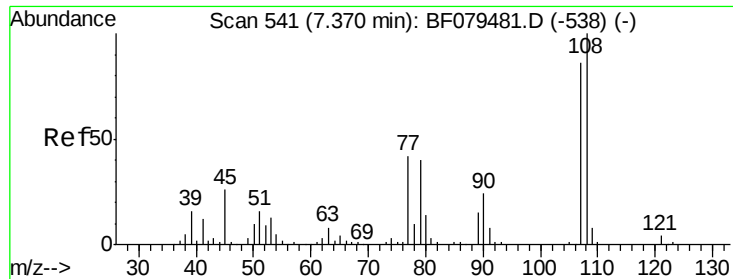
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 43.22 ng  
RT: 7.39 min Scan# 543  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 15.8  | 0.0   | 35.5  |
| 79      | 13.1  | 0.0   | 32.8  |





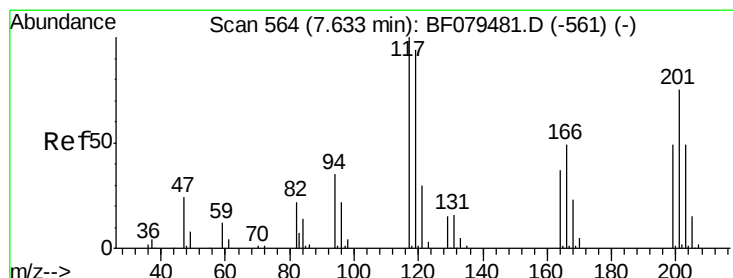
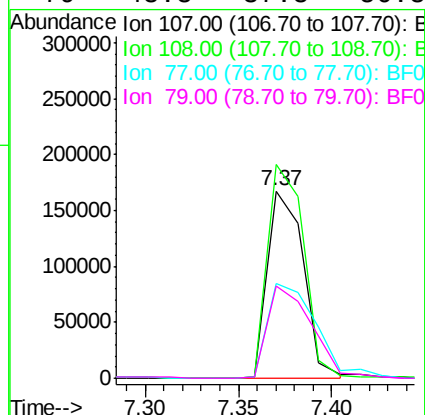
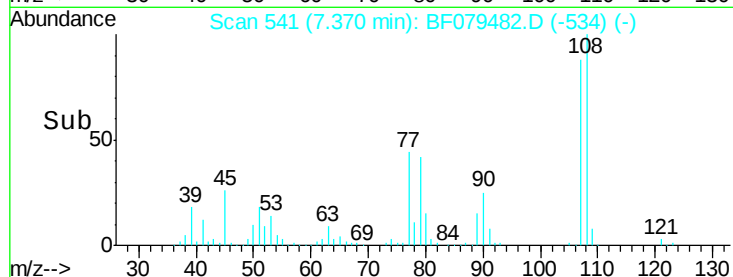
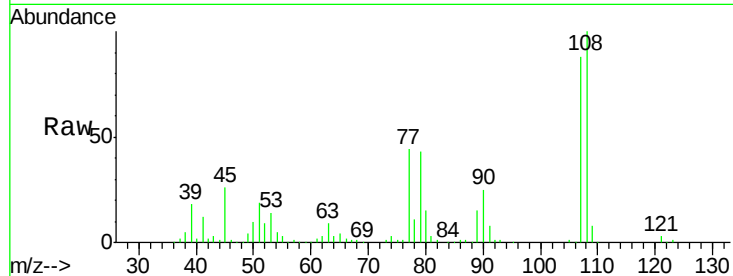
#17  
2-Methylphenol  
Concen: 46.84 ng  
RT: 7.37 min Scan# 541  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 222483 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.9 | 93.1  | 139.7  |
| 77        | 50.4  | 39.2  | 58.8   |
| 79        | 48.8  | 37.8  | 56.8   |

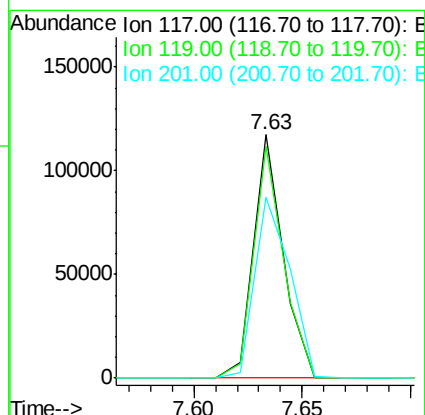
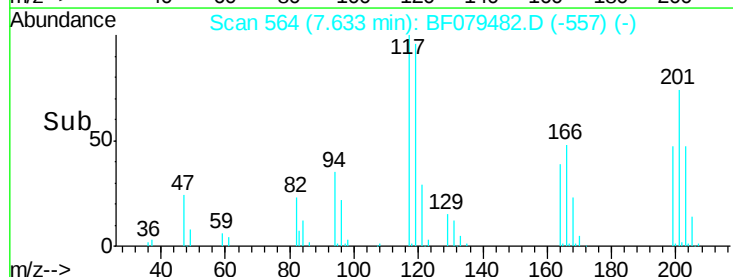
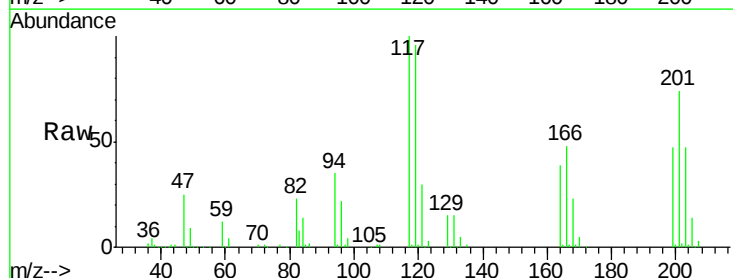
Manual Integrations  
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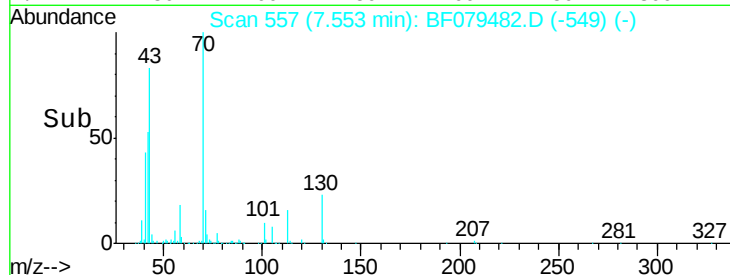
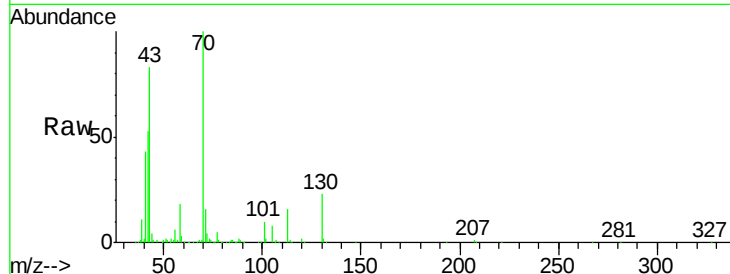
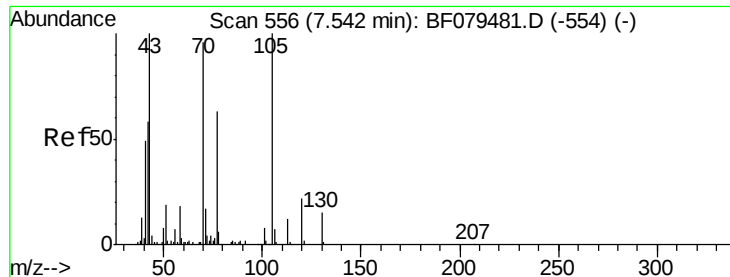
apatel  
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#18  
Hexachloroethane  
Concen: 47.20 ng  
RT: 7.63 min Scan# 564  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 110430 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.6  | 74.9  | 112.3  |
| 201       | 74.1  | 60.2  | 90.4   |





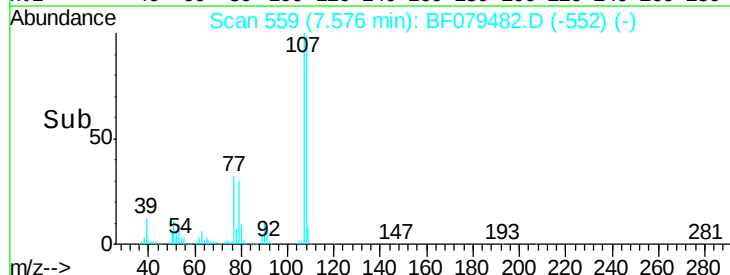
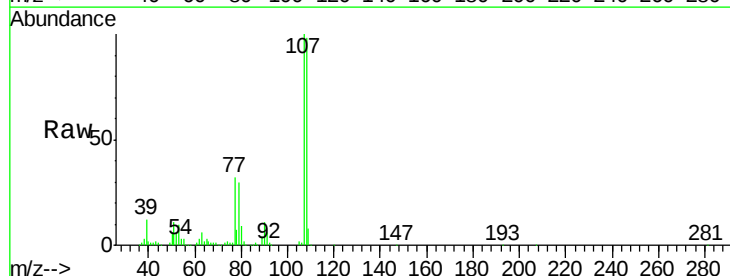
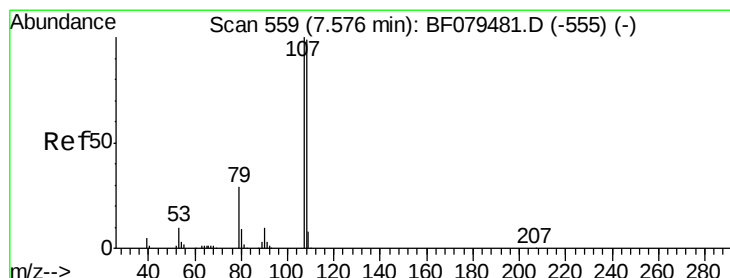
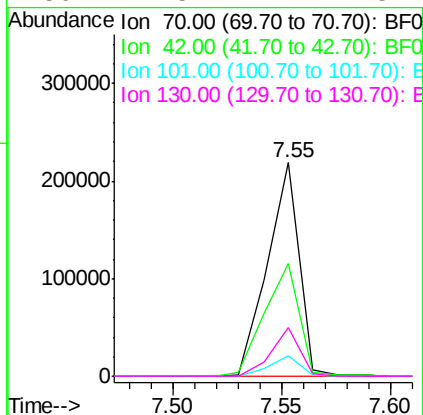
#19  
n-Nitroso-di-n-propylamine  
Concen: 48.93 ng  
RT: 7.55 min Scan# 557  
Delta R.T. 0.01 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 52.8  | 48.8  | 73.2  |
| 101     | 9.7   | 6.6   | 9.8   |
| 130     | 22.5  | 12.2  | 18.4  |

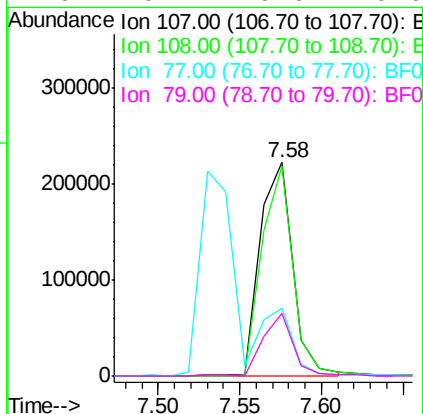
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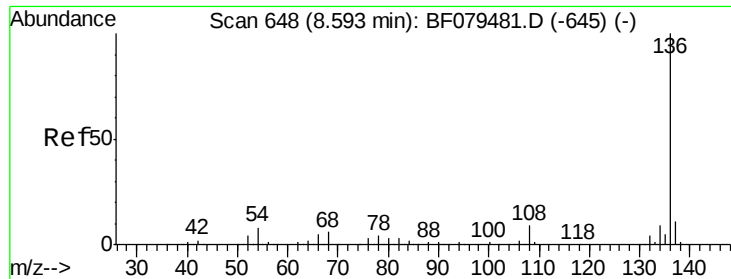
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#20  
3+4-Methylphenols  
Concen: 49.16 ng  
RT: 7.58 min Scan# 559  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 98.4  | 77.7  | 117.7 |
| 77      | 31.8  | 11.4  | 51.4  |
| 79      | 29.7  | 9.6   | 49.6  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

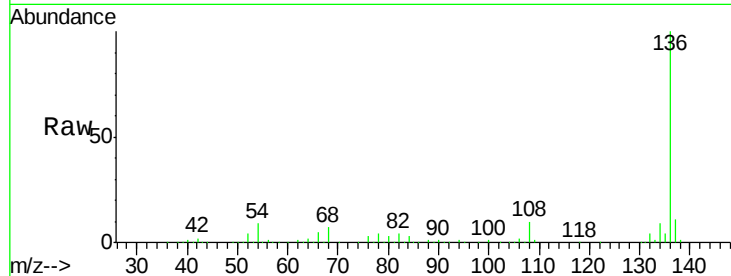
ClientSampleId :

SSTDICC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.9  | 8.5  | 12.7  |       |
| 54      | 8.6   | 6.6  | 9.8   |       |
| 68      | 6.6   | 4.7  | 7.1   |       |

Manual Integrations  
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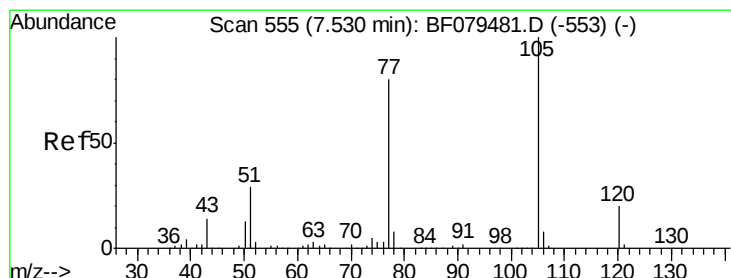
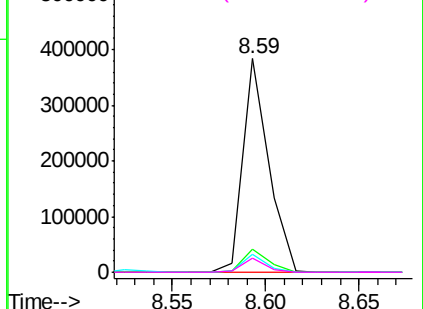
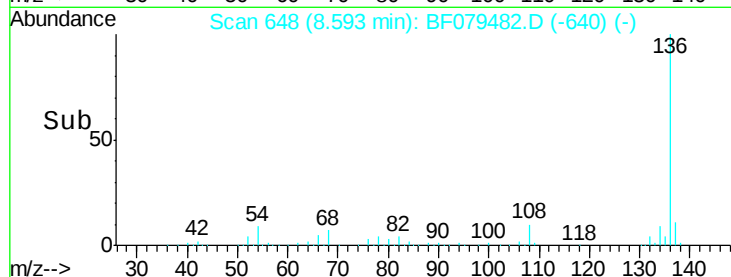


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.13 ng

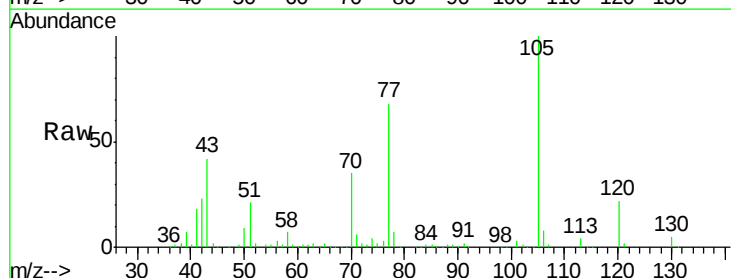
RT: 7.54 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 5.9   | 0.2  | 0.4#  |       |
| 51      | 21.3  | 23.7 | 35.5# |       |
| 120     | 22.4  | 16.2 | 24.4  |       |

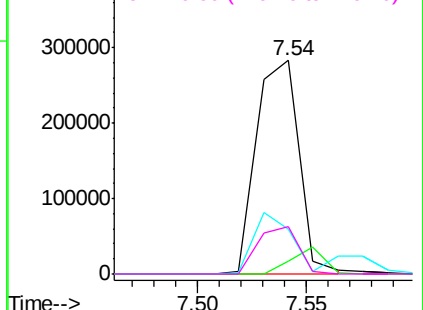
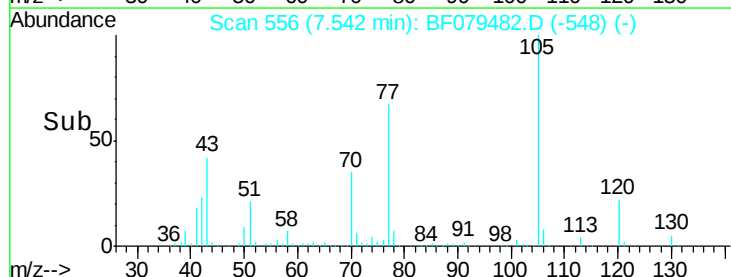


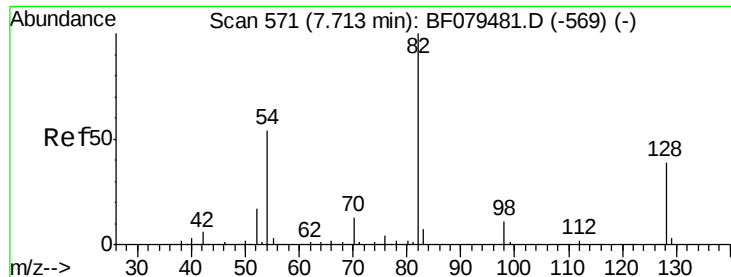
Abundance Ion 105.00 (104.70 to 105.70): E

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





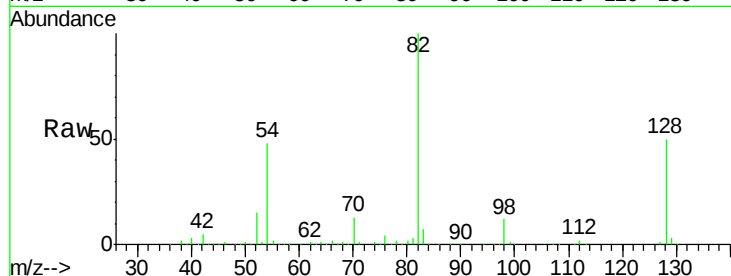
#23  
Nitrobenzene-d5  
Concen: 97.58 ng  
RT: 7.72 min Scan# 572  
Delta R.T. 0.01 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

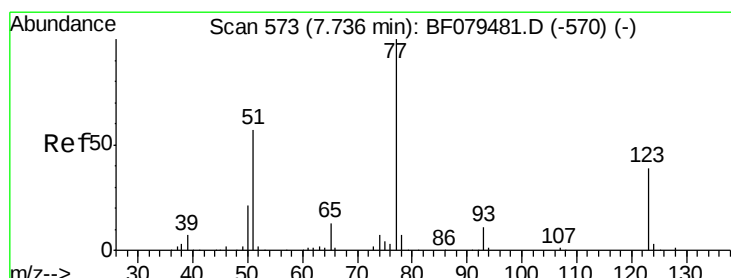
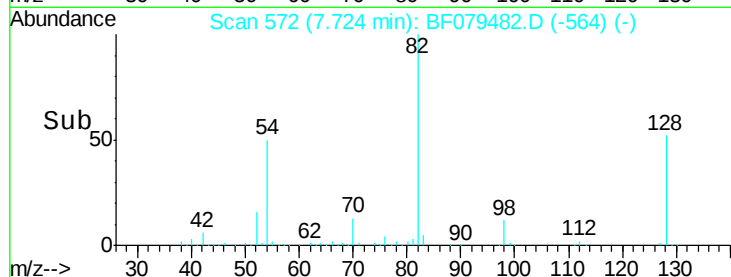
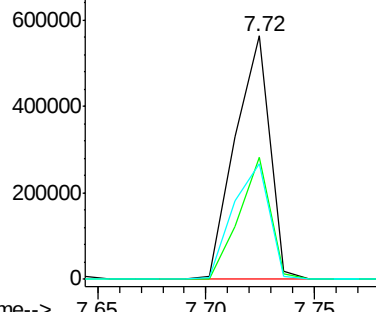
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 631919 |       |       |
| 128     | 49.9  | 30.8   | 46.2# |       |
| 54      | 47.7  | 42.8   | 64.2  |       |

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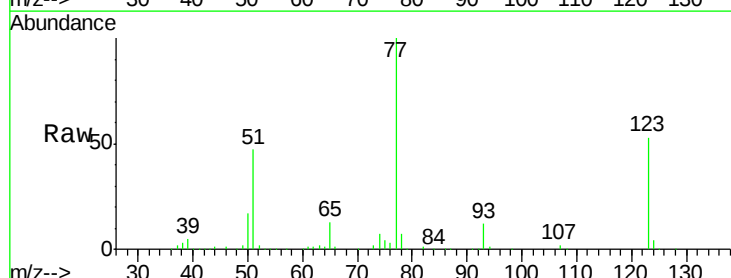


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

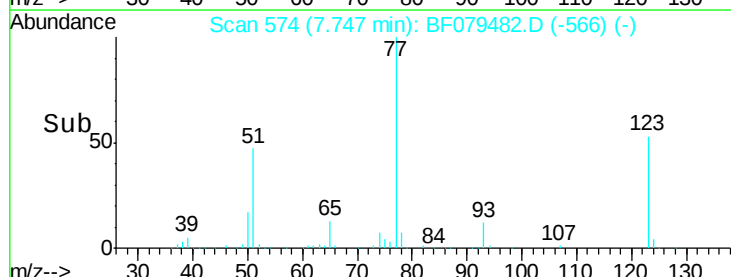
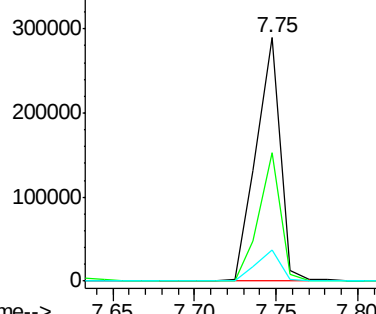


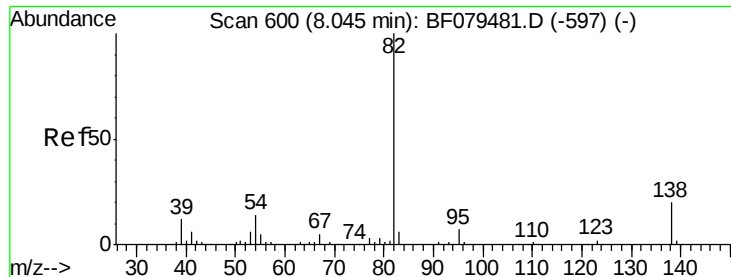
#24  
Nitrobenzene  
Concen: 46.71 ng  
RT: 7.75 min Scan# 574  
Delta R.T. 0.01 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 299972 |       |       |
| 123     | 52.9  | 31.0   | 46.4# |       |
| 65      | 12.8  | 10.6   | 15.8  |       |



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





#25

Isophorone

Concen: 47.36 ng

RT: 8.04 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

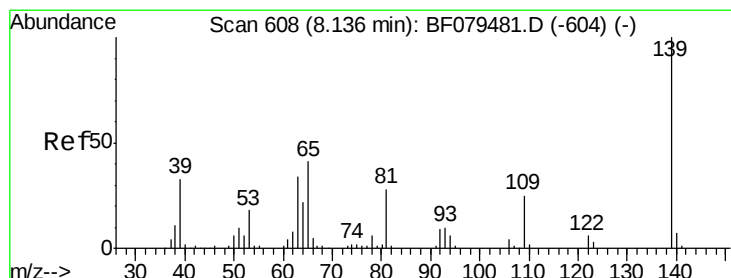
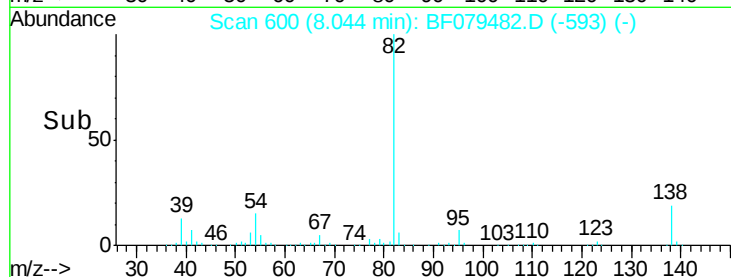
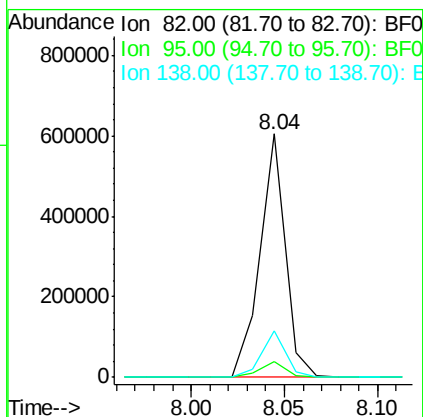
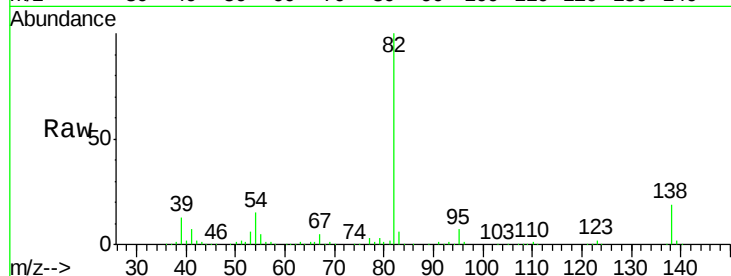
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 567266 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.7   | 5.5   | 8.3    |
| 138       | 19.1  | 16.1  | 24.1   |

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#26

2-Nitrophenol

Concen: 56.33 ng

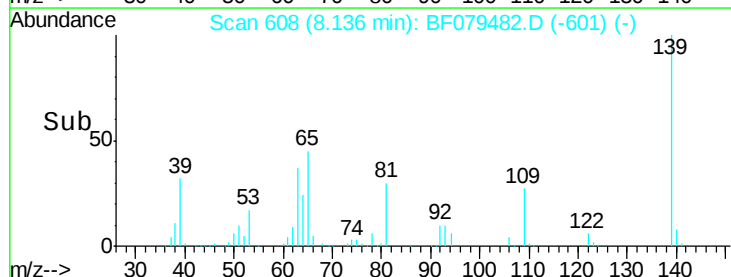
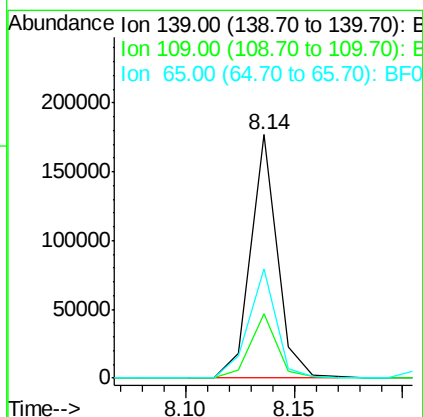
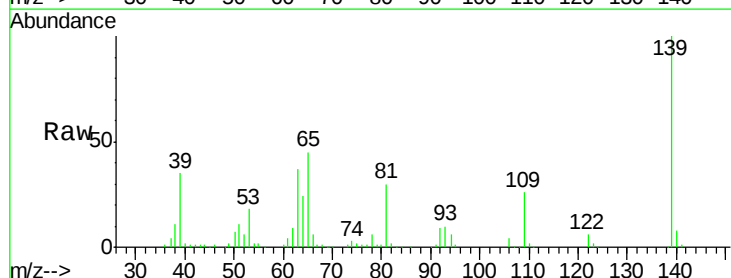
RT: 8.14 min Scan# 608

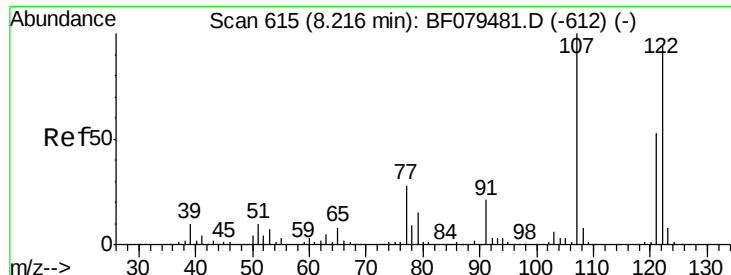
Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 152195 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 26.5  | 20.2  | 30.2   |
| 65        | 45.1  | 32.5  | 48.7   |





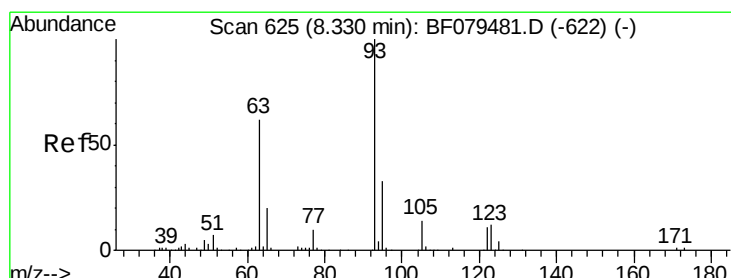
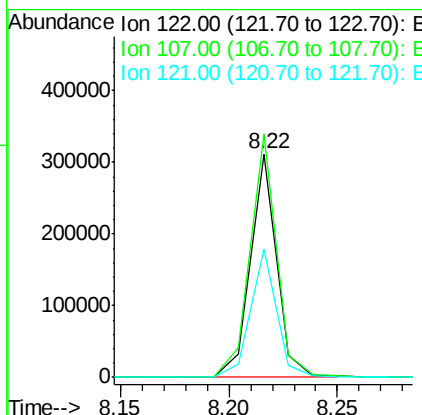
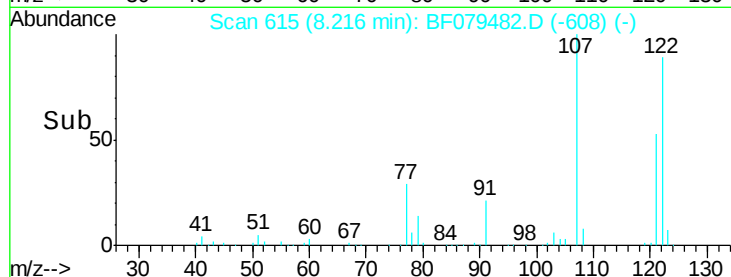
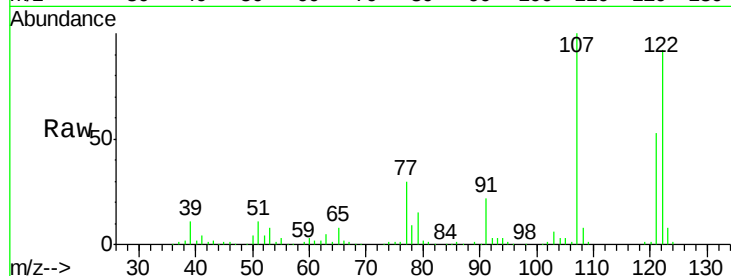
#27  
 2,4-Dimethylphenol  
 Concen: 48.99 ng  
 RT: 8.22 min Scan# 615  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 260536 |       |       |
| 107     | 109.1 | 85.2   | 127.8 |       |
| 121     | 57.5  | 45.2   | 67.8  |       |

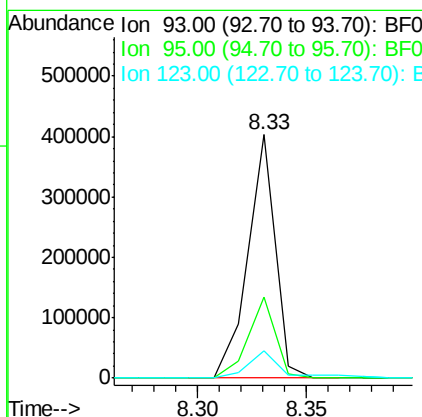
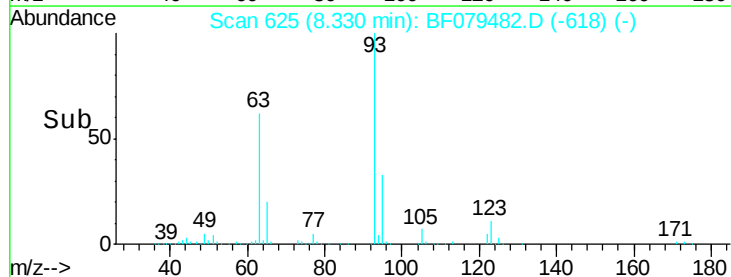
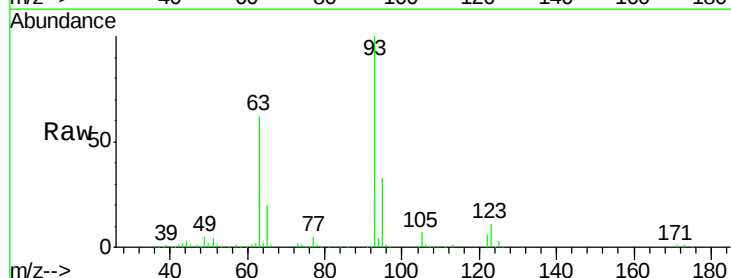
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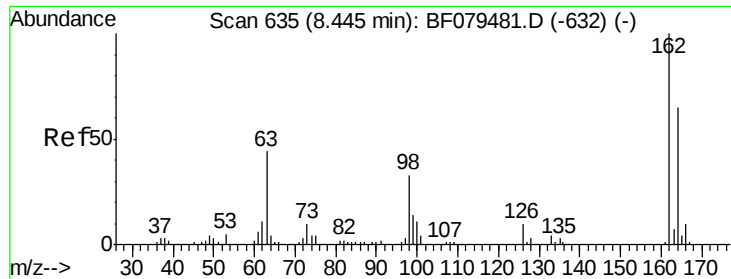
apatel  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 48.09 ng  
 RT: 8.33 min Scan# 625  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 353518 |       |       |
| 95      | 33.2  | 26.6   | 39.8  |       |
| 123     | 11.2  | 9.4    | 14.0  |       |





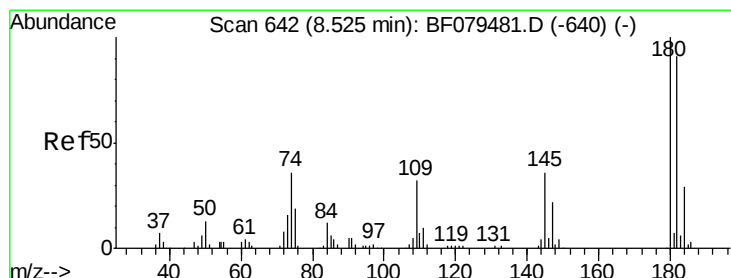
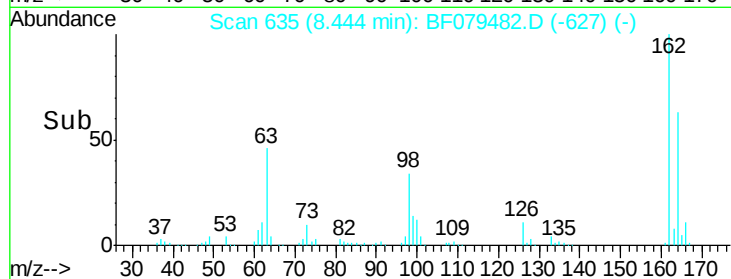
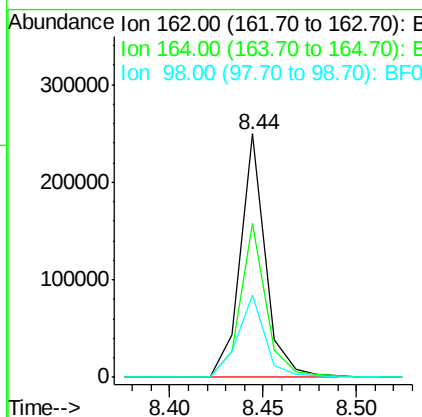
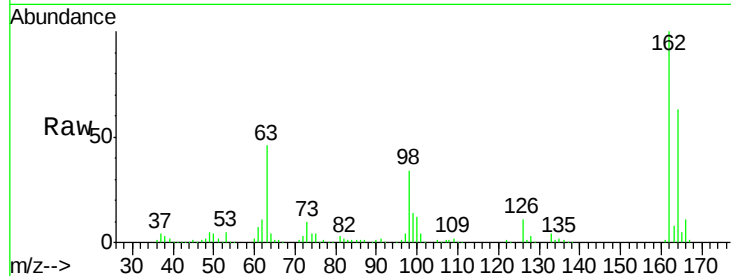
#29  
 2,4-Dichlorophenol  
 Concen: 49.83 ng  
 RT: 8.44 min Scan# 635  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.3  | 45.0       | 85.0       |
| 98      | 34.0  | 13.2       | 53.2       |

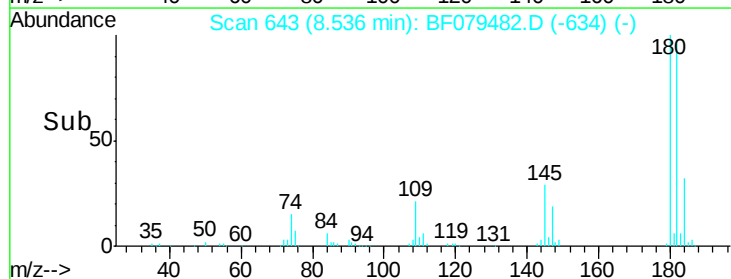
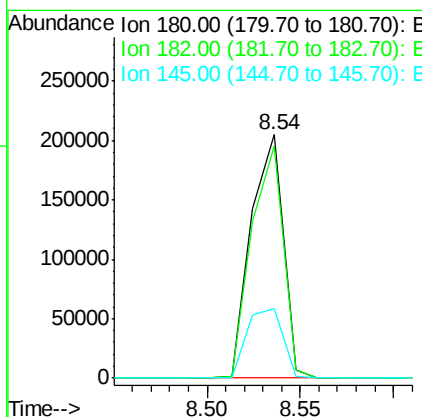
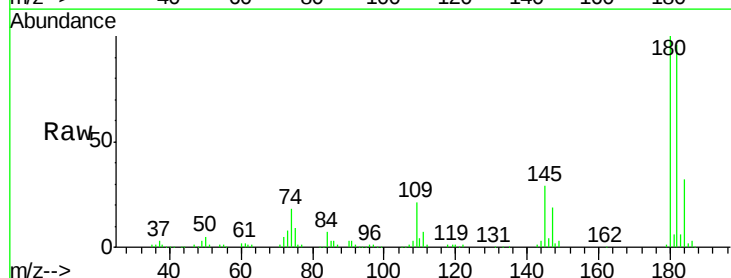
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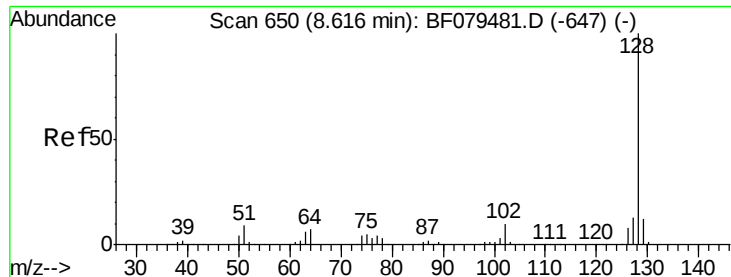
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 5/27/2015 2:00:35 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 47.06 ng  
 RT: 8.54 min Scan# 643  
 Delta R.T. 0.01 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.6  | 73.2       | 109.8      |
| 145     | 28.8  | 28.9       | 43.3#      |





#31

Naphthalene

Concen: 47.19 ng

RT: 8.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

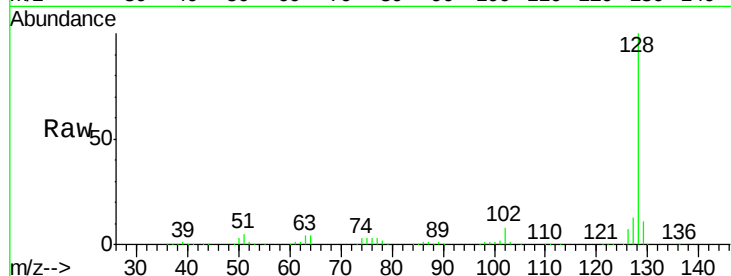
ClientSampleId :

SSTDICC050

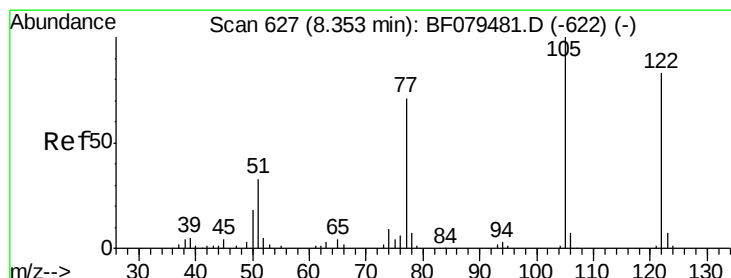
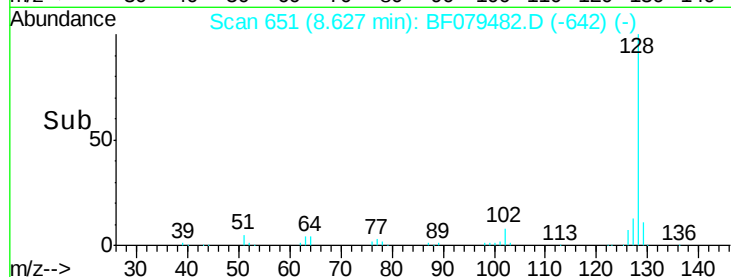
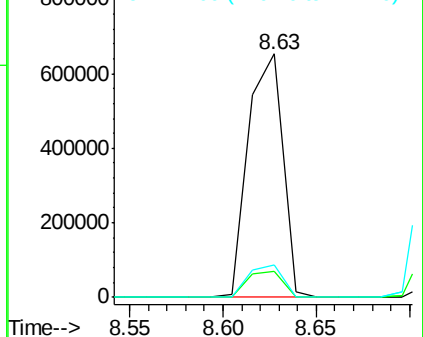
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 838994 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 10.8  | 9.3   | 13.9   |
| 127       | 13.1  | 10.6  | 15.8   |

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



#32

Benzoic acid

Concen: 49.63 ng

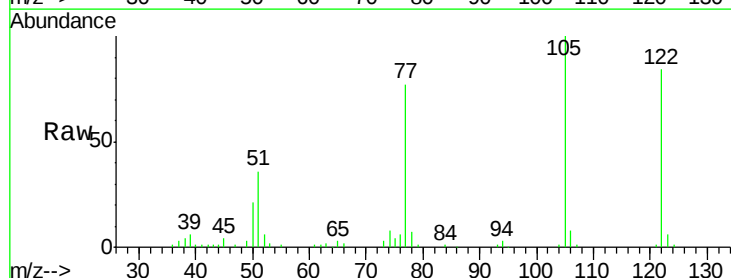
RT: 8.36 min Scan# 628

Delta R.T. 0.01 min

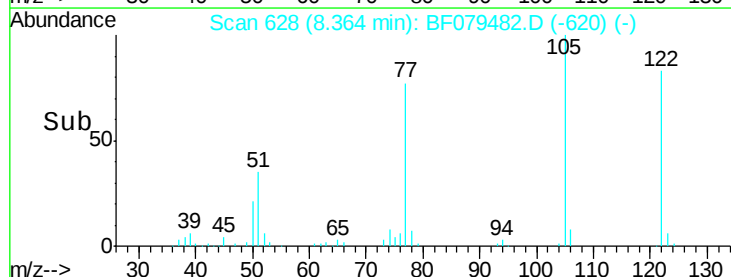
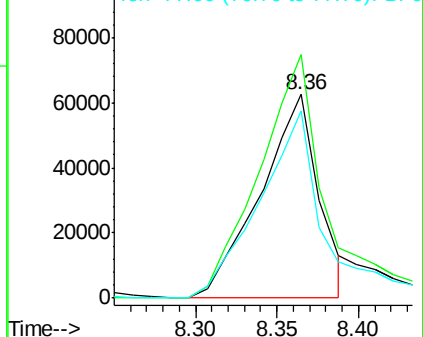
Lab File: BF079482.D

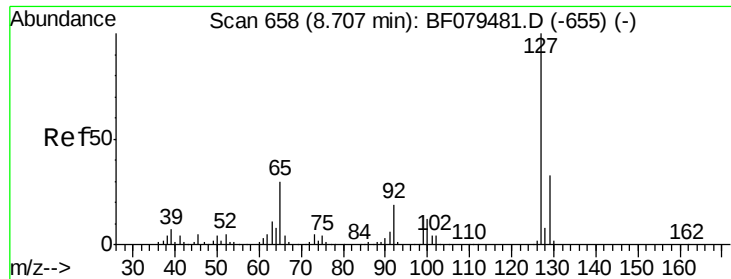
Acq: 26 May 2015 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 154109 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 119.6 | 100.2 | 140.2  |
| 77        | 91.9  | 64.8  | 104.8  |



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





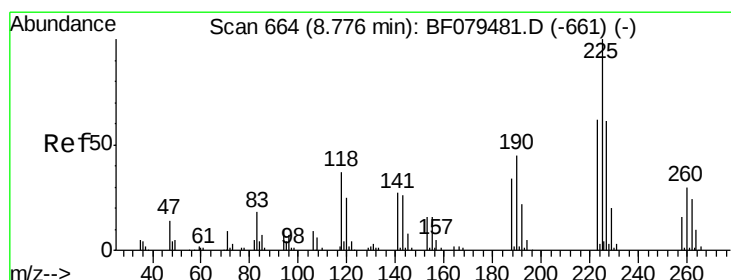
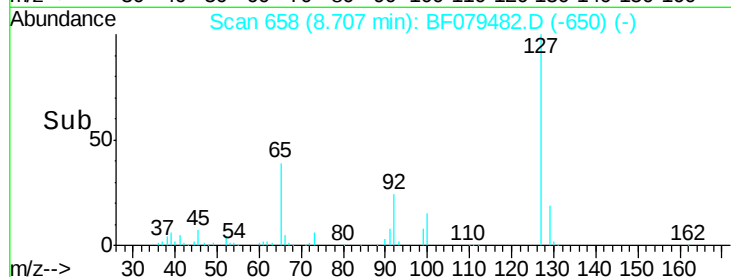
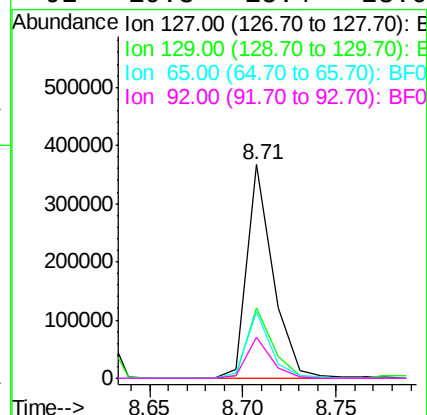
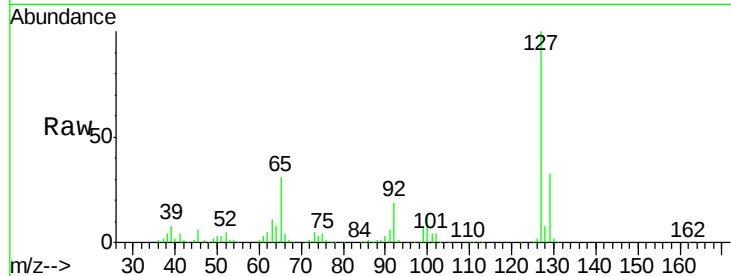
#33  
4-Chloroaniline  
Concen: 47.40 ng  
RT: 8.71 min Scan# 658  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.7 | 26.2  | 39.2 |       |       |
| 65      | 31.0 | 24.2  | 36.4 |       |       |
| 92      | 19.3 | 15.4  | 23.0 |       |       |

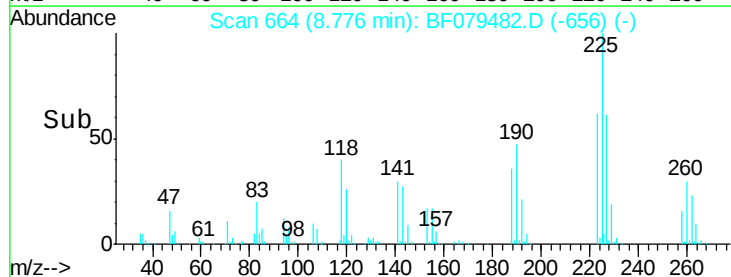
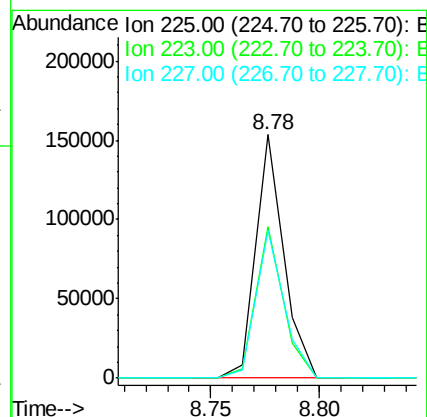
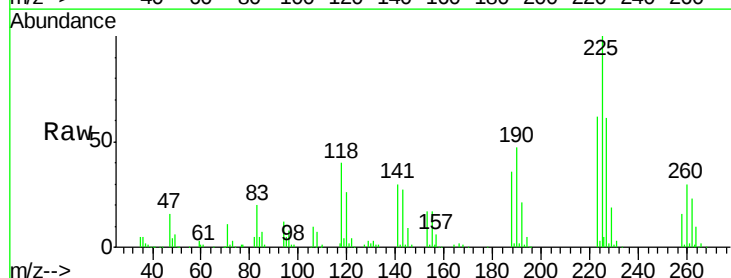
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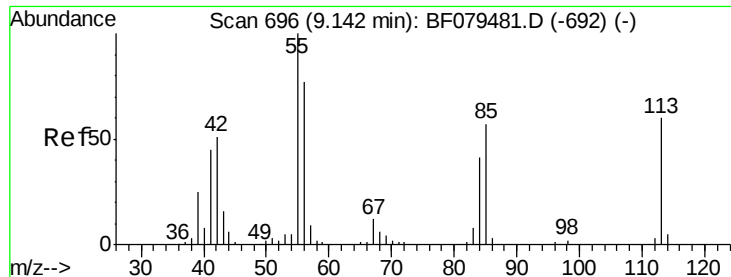
apatel  
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#34  
Hexachlorobutadiene  
Concen: 45.90 ng  
RT: 8.78 min Scan# 664  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.0 | 49.9  | 74.9 |       |       |
| 227     | 60.6 | 48.9  | 73.3 |       |       |





#35

Caprolactam

Concen: 50.93 ng

RT: 9.15 min Scan# 697

Delta R.T. 0.01 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

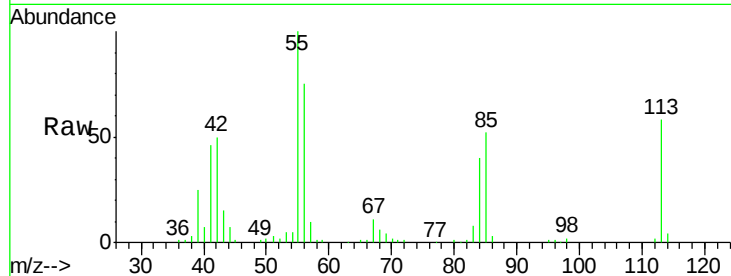
ClientSampleId :

SSTDIC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 78393 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 173.1 | 147.2 | 187.2 |
| 56        | 130.0 | 108.6 | 148.6 |

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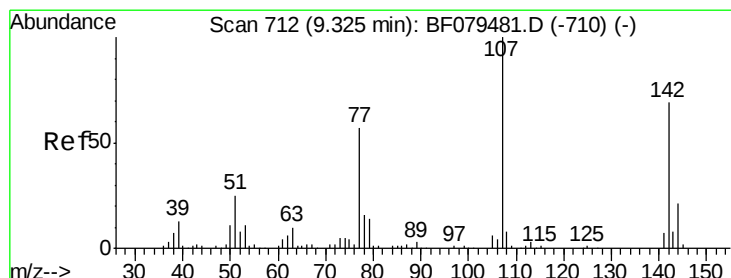
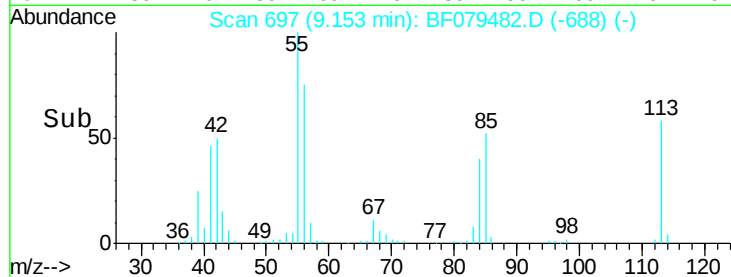
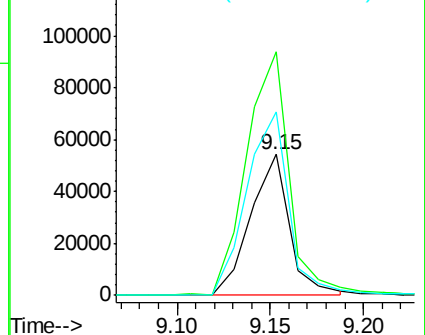
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.35 ng

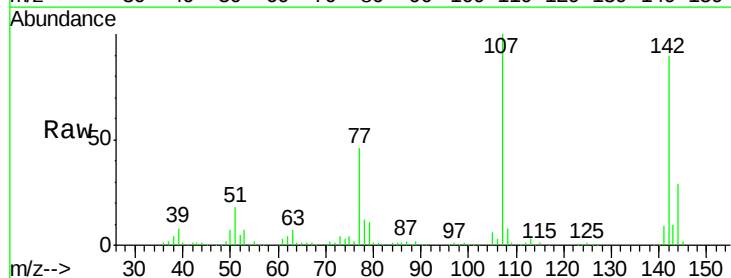
RT: 9.34 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

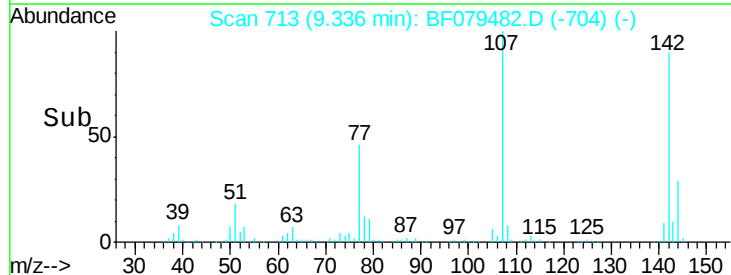
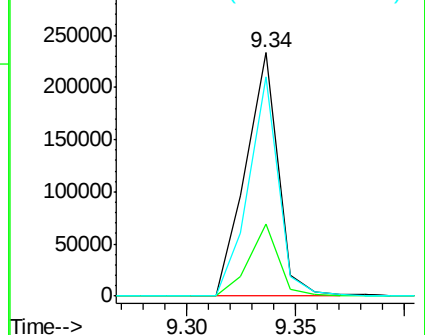
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 243868 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 29.5  | 16.9  | 25.3#  |
| 142       | 90.0  | 55.2  | 82.8#  |

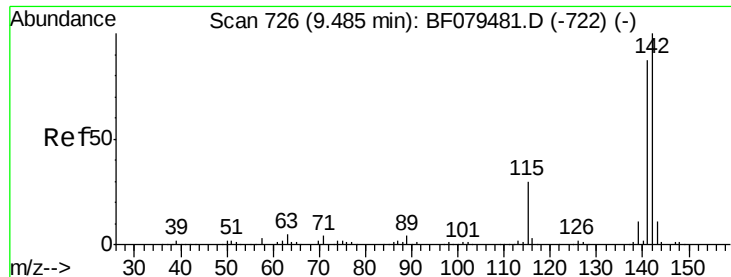


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





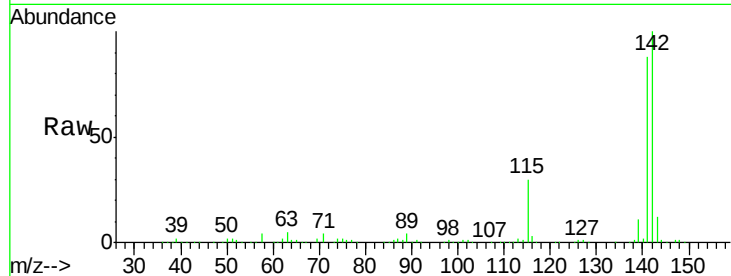
#37  
2-Methylnaphthalene  
Concen: 48.29 ng  
RT: 9.48 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 593292 |       |       |
| 141     | 88.4  | 69.5   | 104.3 |       |
| 115     | 29.9  | 23.8   | 35.6  |       |

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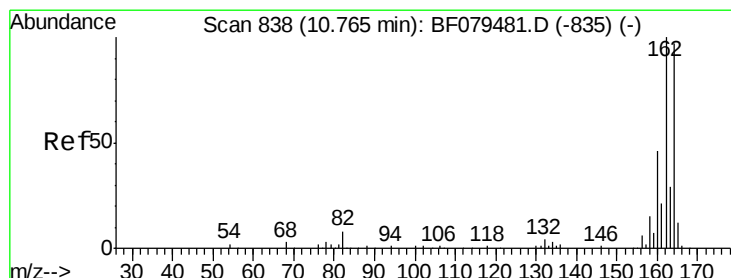
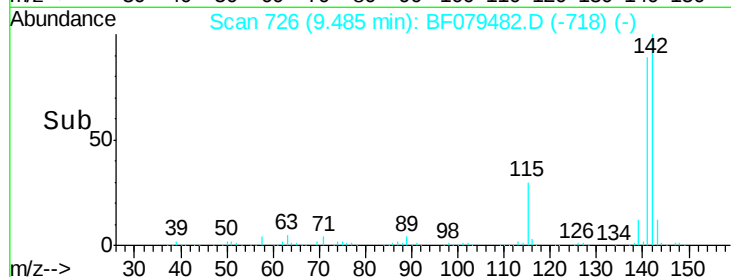
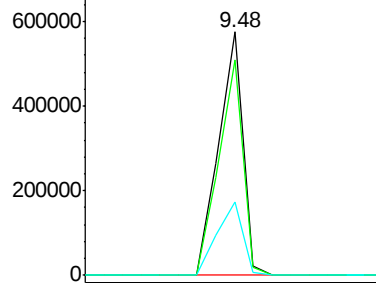


Abundance

Ion 142.00 (141.70 to 142.70): E

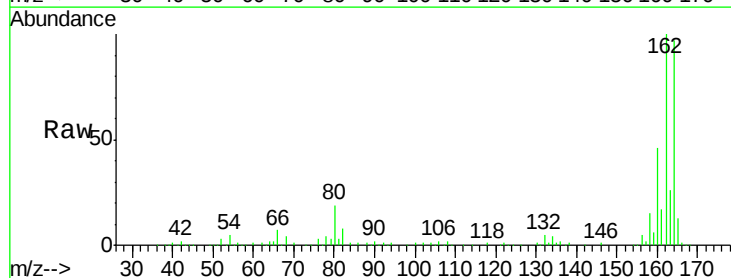
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.76 min Scan# 838  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 181858 |       |       |
| 162     | 103.1 | 82.6   | 124.0 |       |
| 160     | 47.1  | 37.7   | 56.5  |       |

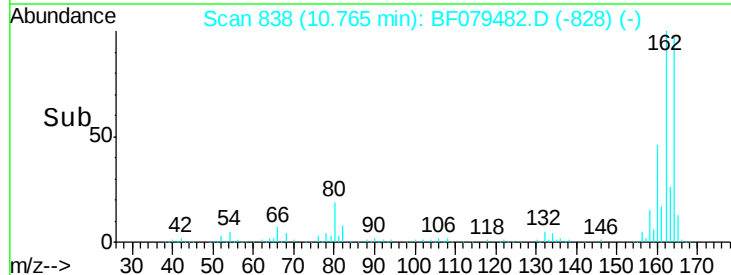
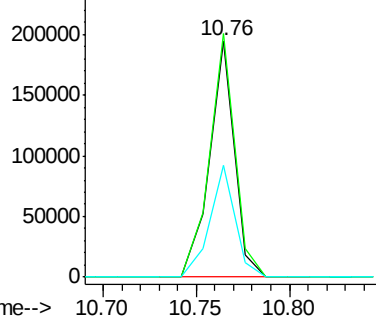


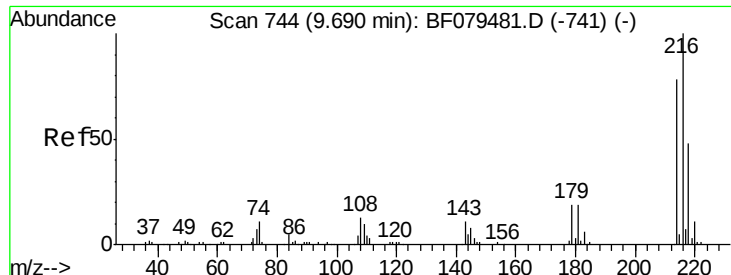
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





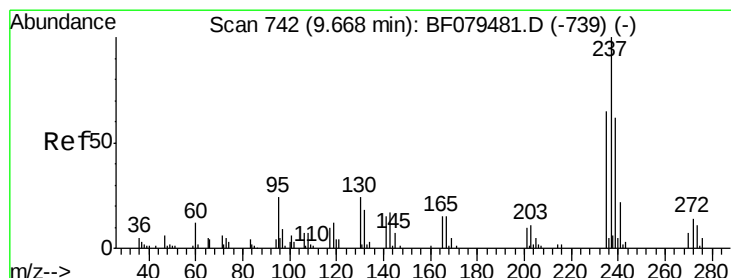
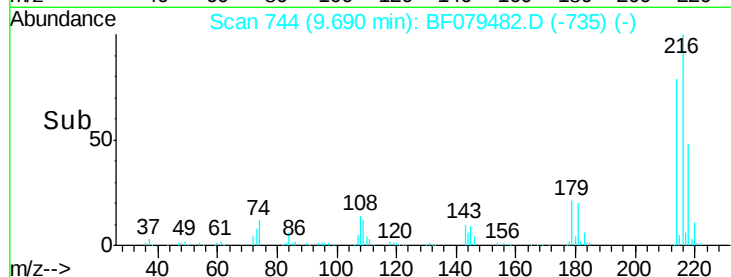
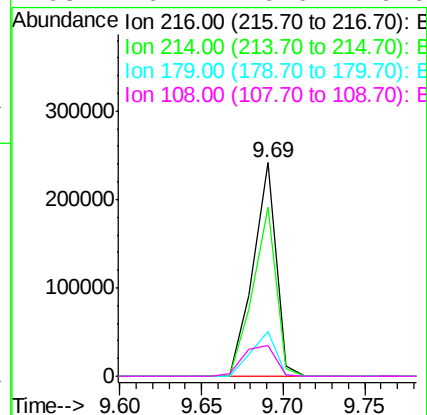
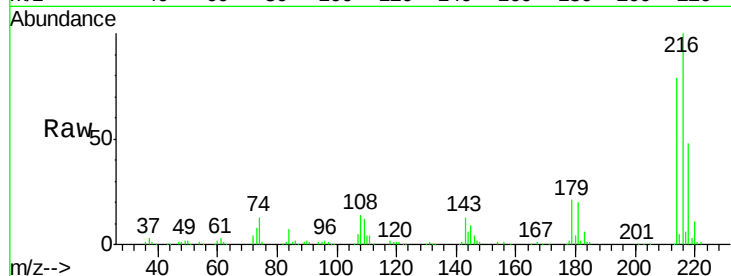
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.75 ng  
 RT: 9.69 min Scan# 744  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 80.2  | 0.0        | 0.0#  |
| 179     | 22.2  | 0.0        | 0.0#  |
| 108     | 20.7  | 0.0        | 0.0#  |

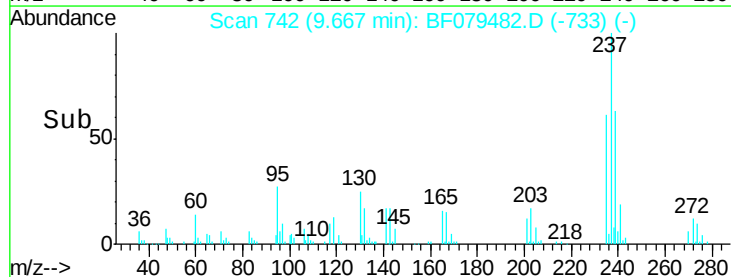
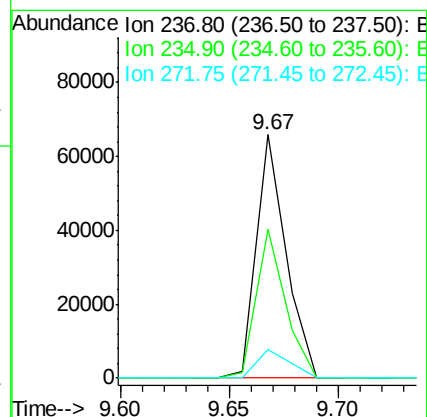
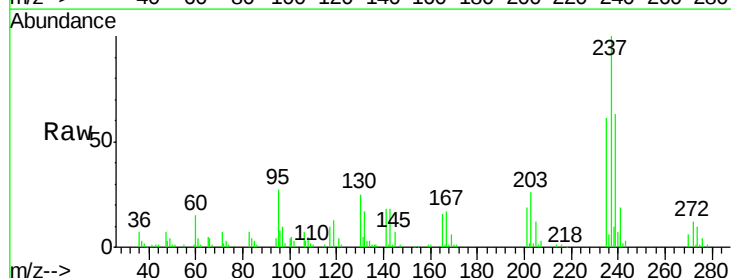
Manual Integrations  
 APPROVED

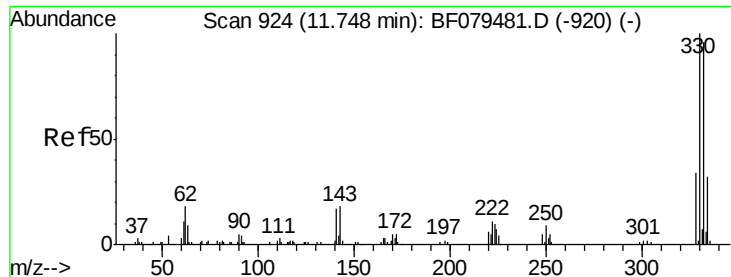
apatel  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 26.65 ng  
 RT: 9.67 min Scan# 742  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 61.3  | 45.0       | 85.0  |
| 272     | 11.6  | 0.0        | 33.9  |





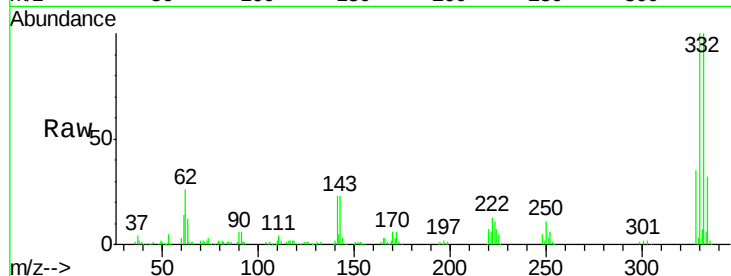
#41  
 2,4,6-Tribromophenol  
 Concen: 97.95 ng  
 RT: 11.75 min Scan# 924  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

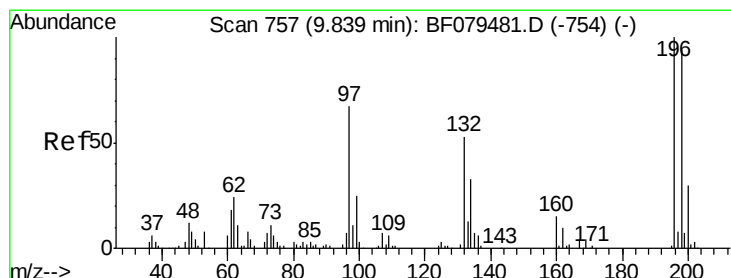
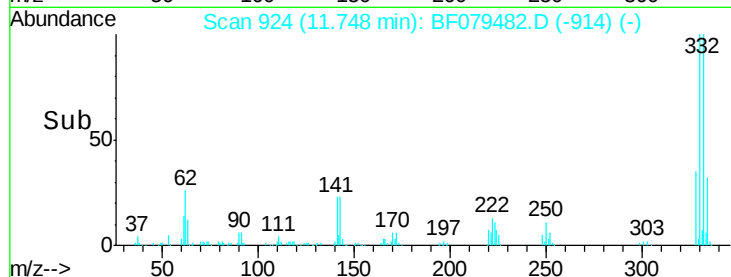
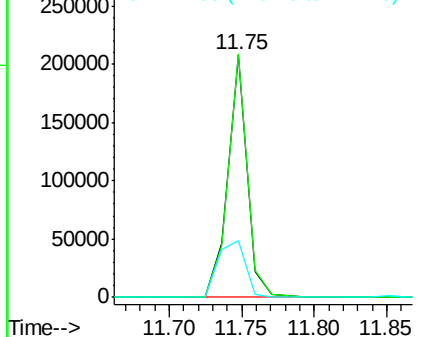
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 99.4  | 0.0        | 0.0#  |
| 141     | 33.2  | 0.0        | 0.0#  |

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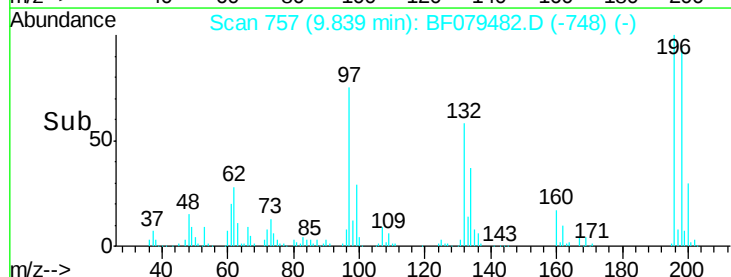
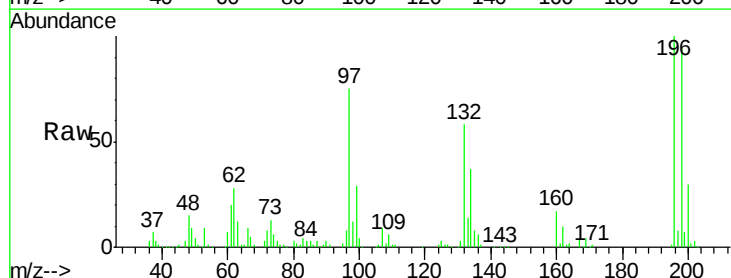
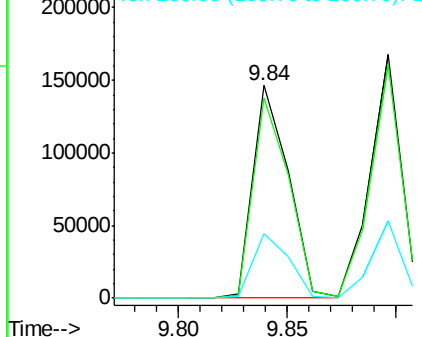
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

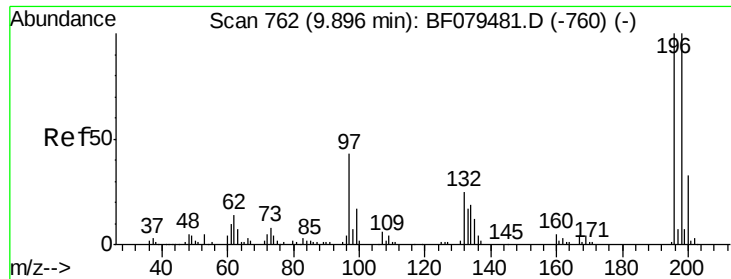


#42  
 2,4,6-Trichlorophenol  
 Concen: 46.71 ng  
 RT: 9.84 min Scan# 757  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 94.4  | 75.3       | 112.9 |
| 200     | 30.2  | 23.8       | 35.8  |

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





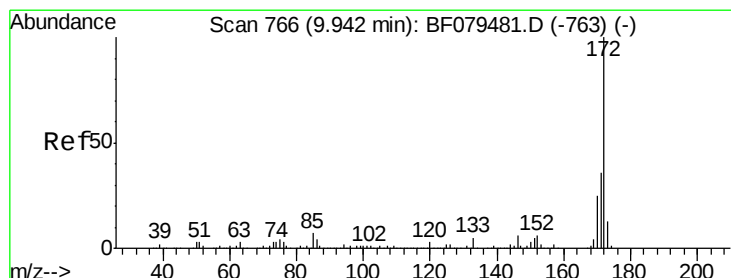
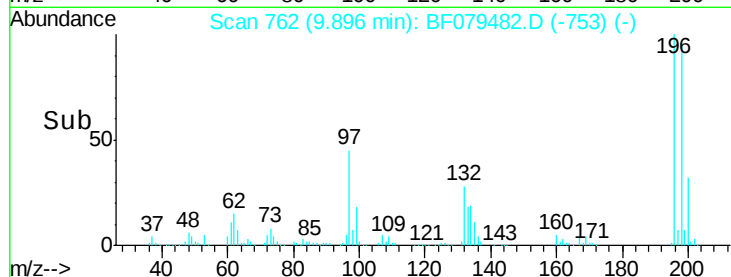
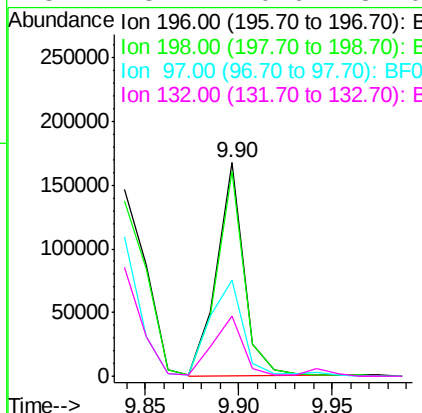
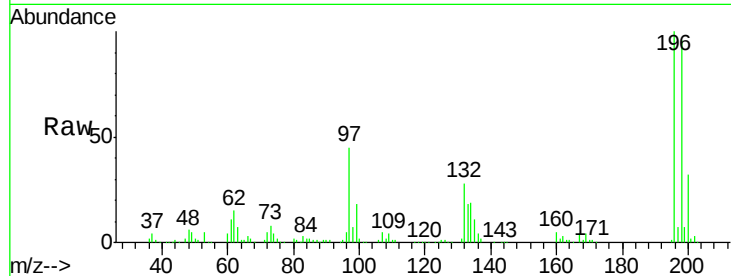
#43  
 2,4,5-Trichlorophenol  
 Concen: 47.70 ng  
 RT: 9.90 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 170691 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.9  | 80.3  | 120.5  |
| 97        | 44.8  | 34.8  | 52.2   |
| 132       | 28.4  | 20.6  | 31.0   |

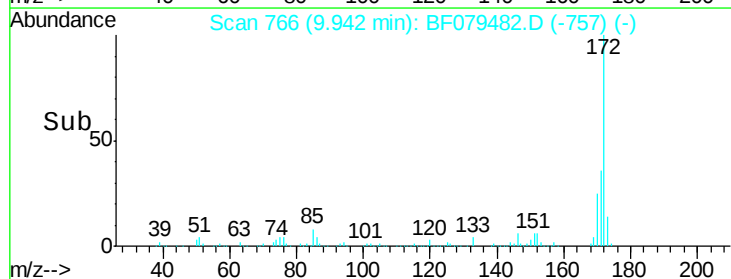
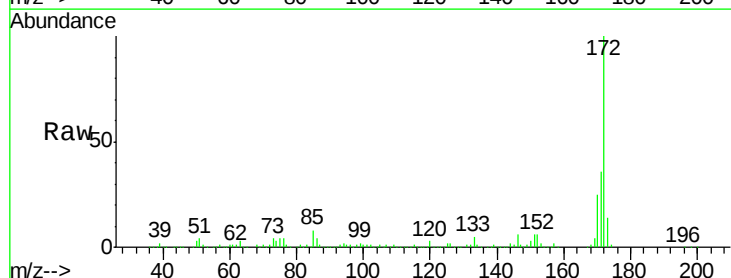
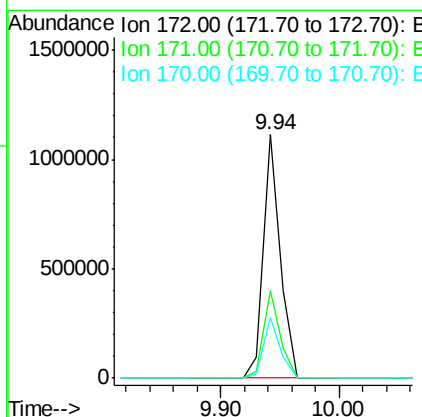
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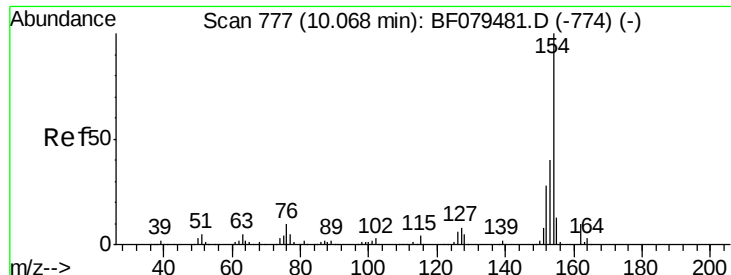
apatel  
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#44  
 2-Fluorobiphenyl  
 Concen: 84.24 ng  
 RT: 9.94 min Scan# 766  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1108864 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 35.8  | 28.5  | 42.7    |
| 170       | 24.8  | 19.7  | 29.5    |





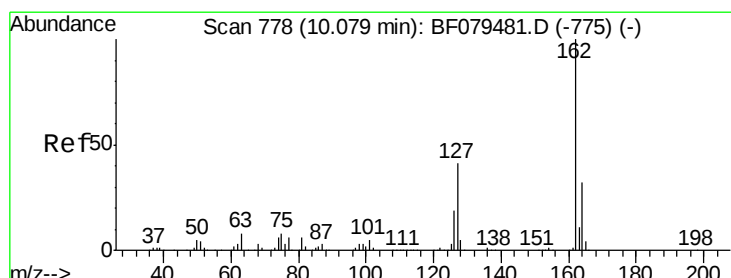
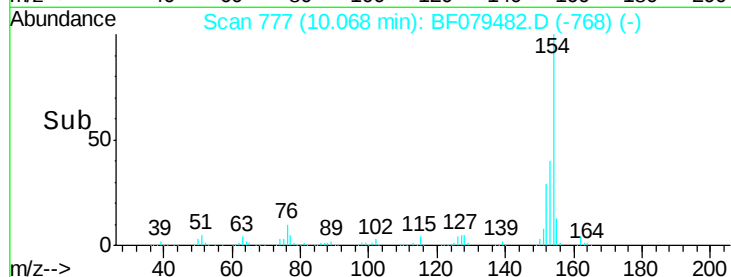
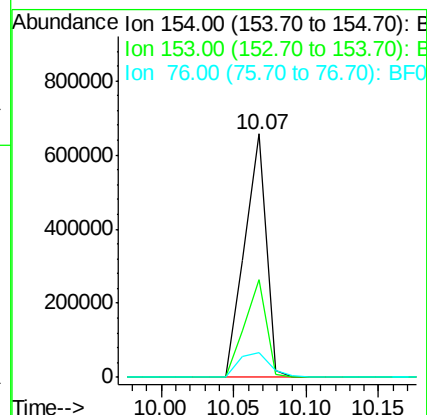
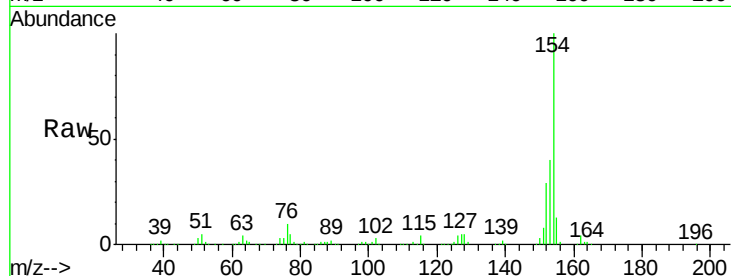
#45  
 1,1'-Biphenyl  
 Concen: 46.58 ng  
 RT: 10.07 min Scan# 777  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 681715 |       |       |
| 153     | 39.9  | 19.5   | 59.5  |       |
| 76      | 10.1  | 0.0    | 29.6  |       |

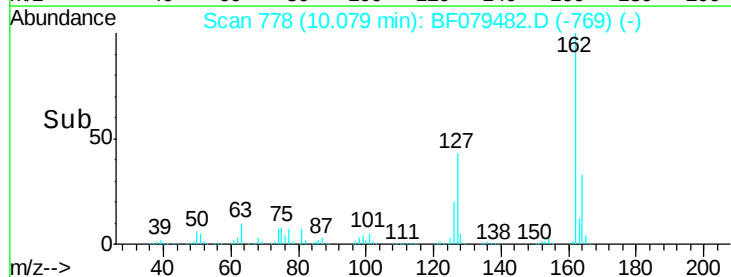
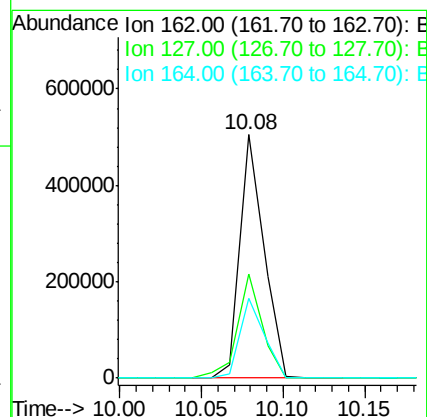
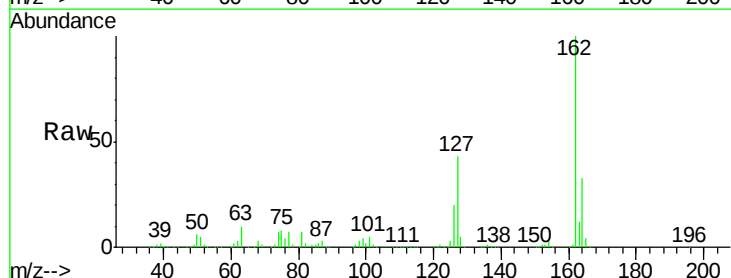
Manual Integrations  
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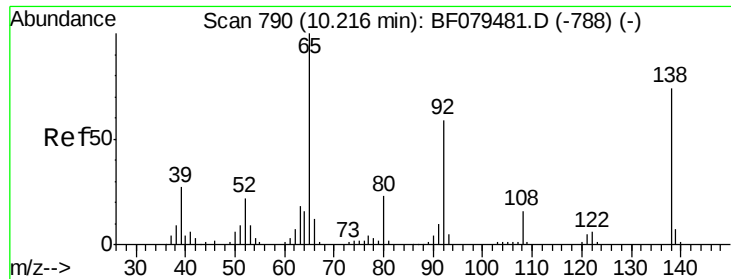
apatel  
 5/27/2015 2:00:35 PM



#46  
 2-Chloronaphthalene  
 Concen: 44.71 ng  
 RT: 10.08 min Scan# 778  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 513592 |       |       |
| 127     | 42.6  | 32.7   | 49.1  |       |
| 164     | 32.8  | 25.8   | 38.6  |       |





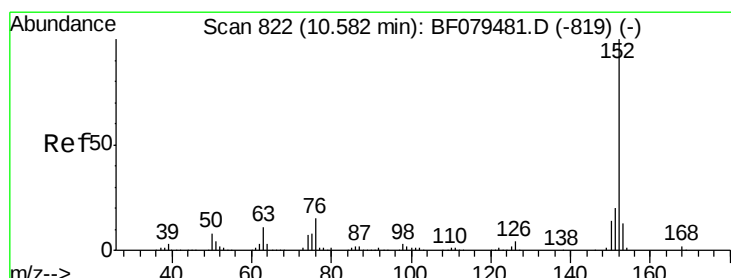
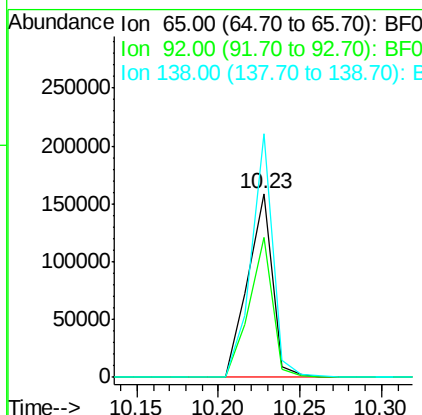
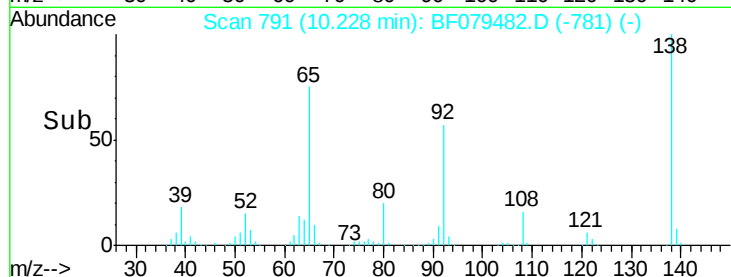
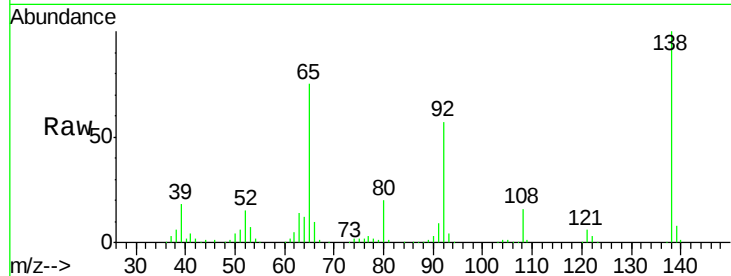
#47  
2-Nitroaniline  
Concen: 50.63 ng  
RT: 10.23 min Scan# 791  
Delta R.T. 0.01 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 76.2  | 47.2  | 70.8# |
| 138     | 132.5 | 59.2  | 88.8# |

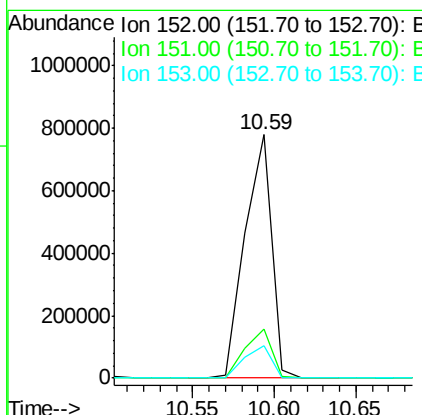
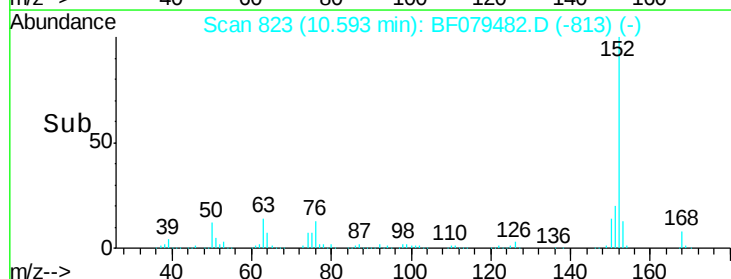
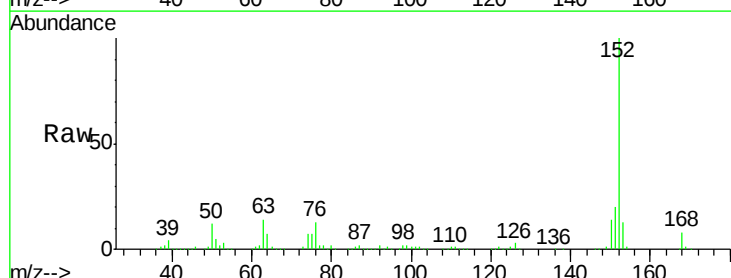
Manual Integrations  
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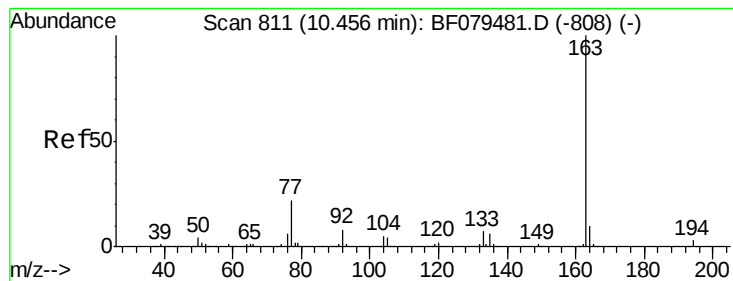
apatel  
5/27/2015 2:00:35 PM



#48  
Acenaphthylene  
Concen: 46.77 ng  
RT: 10.59 min Scan# 823  
Delta R.T. 0.01 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 15.8  | 23.8  |
| 153     | 13.3  | 10.7  | 16.1  |





#49

Dimethylphthalate

Concen: 45.63 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

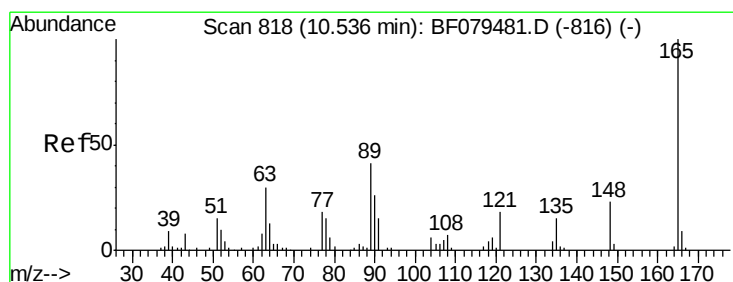
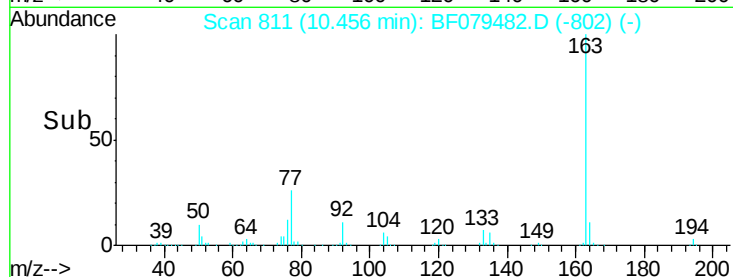
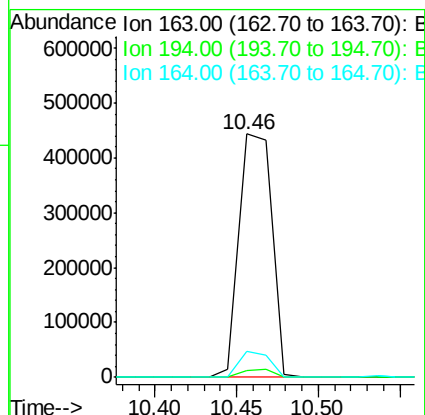
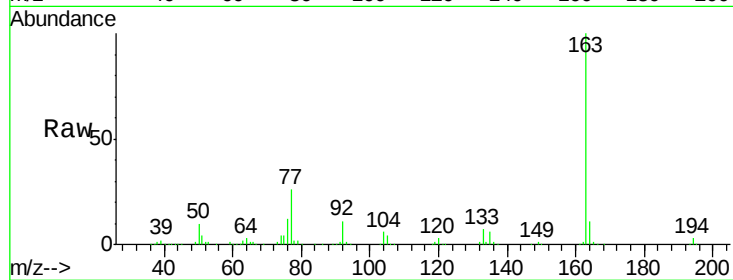
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 616534 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.0   | 2.4   | 3.6    |
| 164       | 10.8  | 8.2   | 12.4   |

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#50

2,6-Dinitrotoluene

Concen: 52.47 ng

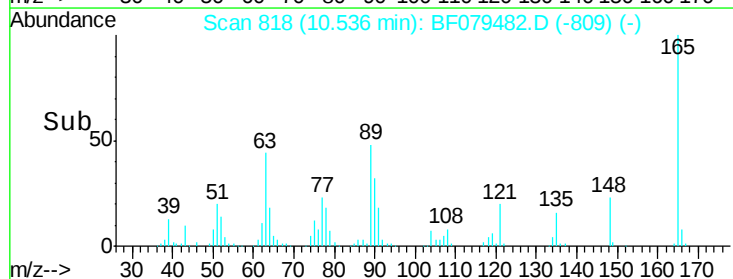
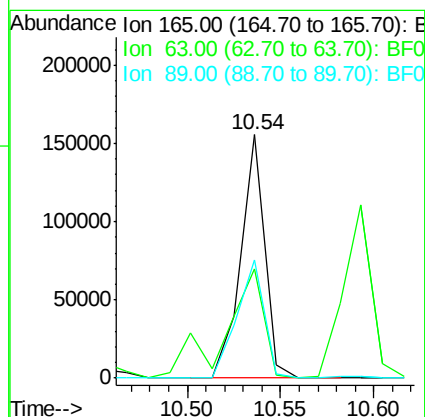
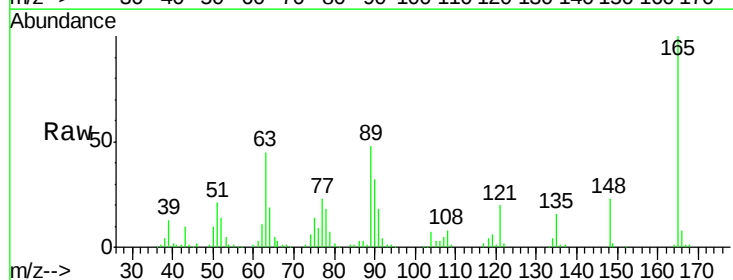
RT: 10.54 min Scan# 818

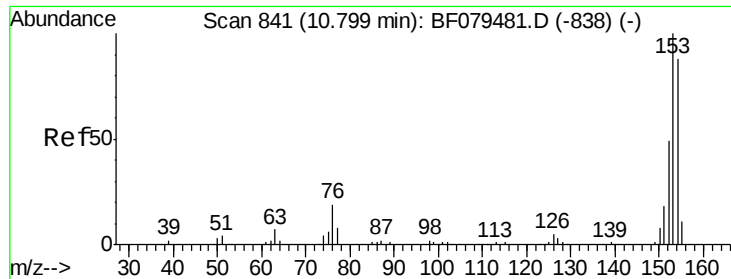
Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 139952 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 44.8  | 27.7  | 41.5#  |
| 89        | 48.3  | 33.7  | 50.5   |





#51

Acenaphthene

Concen: 44.20 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF079482.D

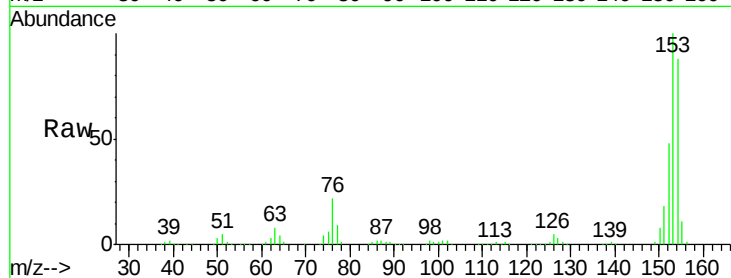
Acq: 26 May 2015 17:49

Instrument :

BNA\_F

ClientSampleId :

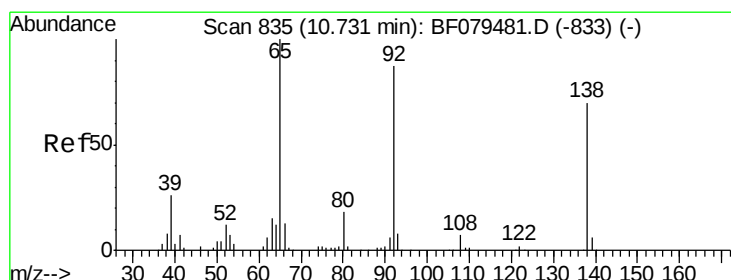
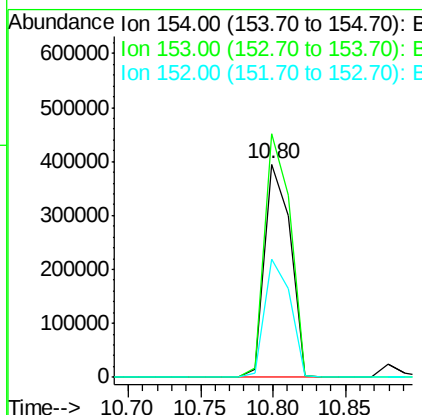
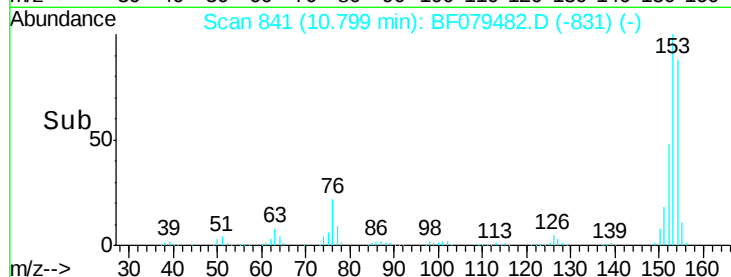
SSTDIC050



| Tot Ion   | 154   | Resp  | 489686 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.1 | 91.1  | 136.7  |
| 152       | 55.2  | 44.6  | 66.8   |

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#52

3-Nitroaniline

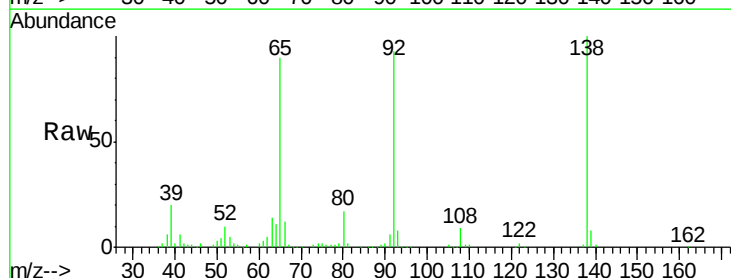
Concen: 52.00 ng

RT: 10.74 min Scan# 836

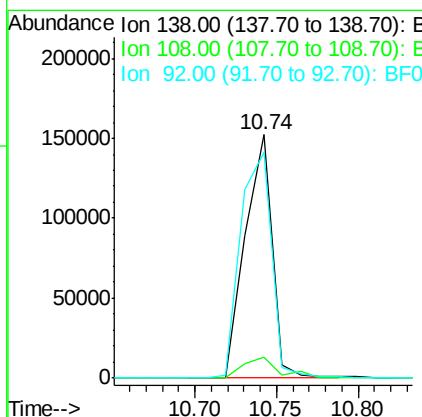
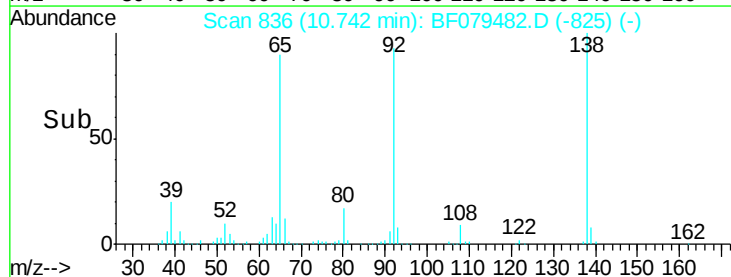
Delta R.T. 0.01 min

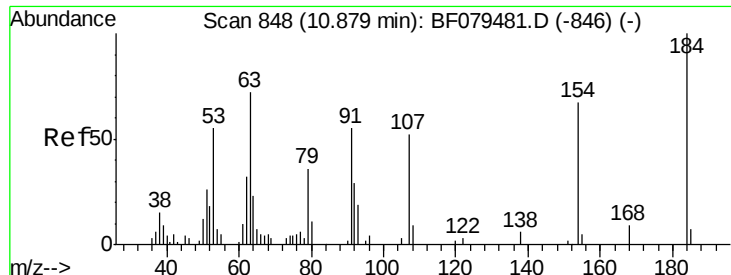
Lab File: BF079482.D

Acq: 26 May 2015 17:49



| Tgt Ion   | 138   | Resp  | 173906 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 8.5   | 8.0   | 12.0   |
| 92        | 92.8  | 99.9  | 149.9# |





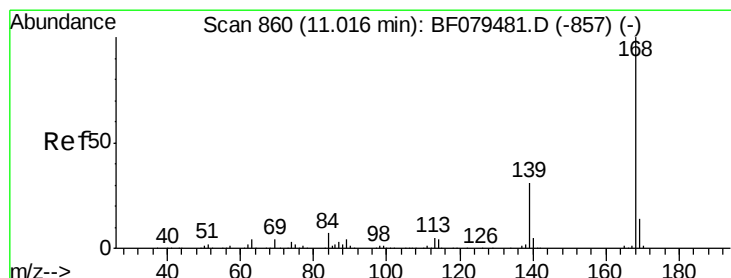
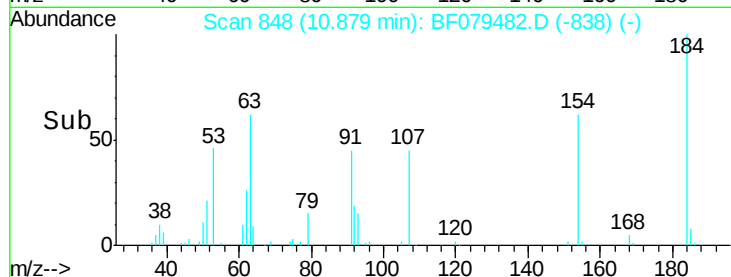
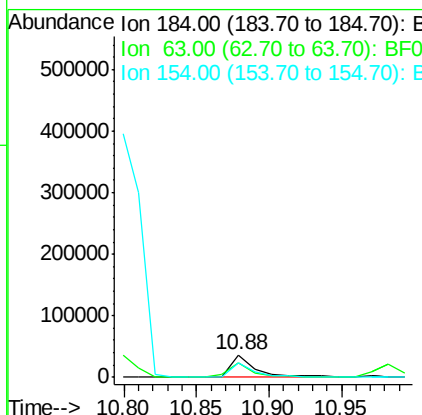
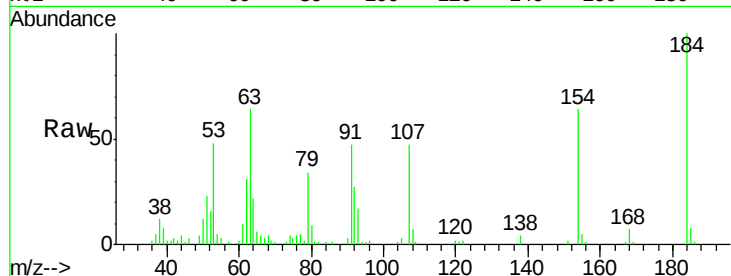
#53  
 2,4-Dinitrophenol  
 Concen: 59.40 ng  
 RT: 10.88 min Scan# 848  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 64.0  | 57.7  | 86.5  |
| 154     | 64.0  | 53.4  | 80.2  |

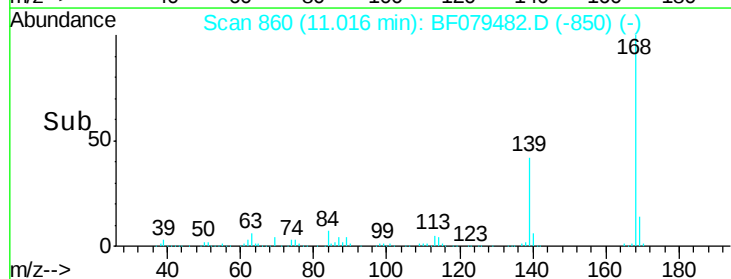
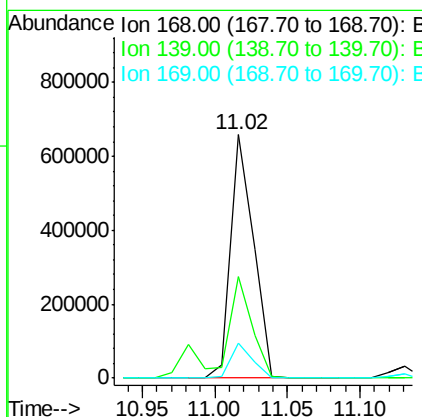
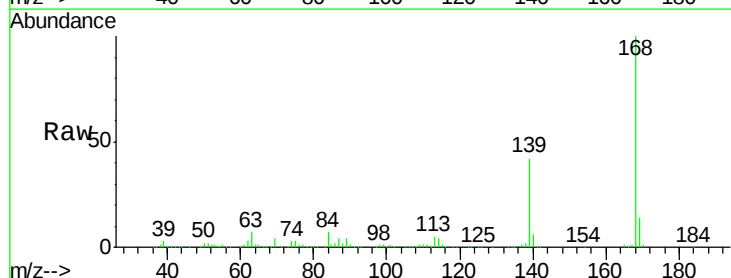
Manual Integrations  
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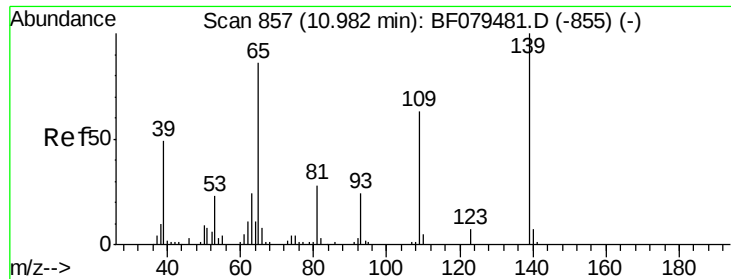
apatel  
 5/27/2015 2:00:35 PM



#54  
 Dibenzofuran  
 Concen: 44.82 ng  
 RT: 11.02 min Scan# 860  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.6  | 32.9  | 49.3  |
| 169     | 14.2  | 11.1  | 16.7  |





#55

4-Nitrophenol

Concen: 36.86 ng/mL

RT: 10.98 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

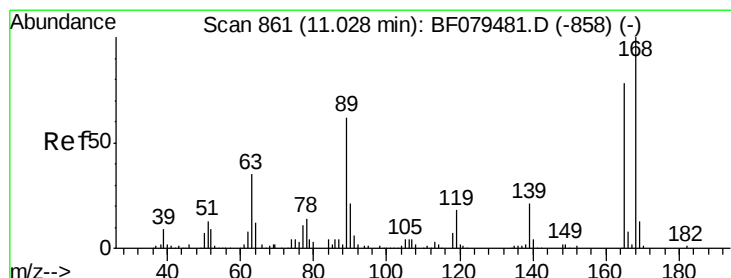
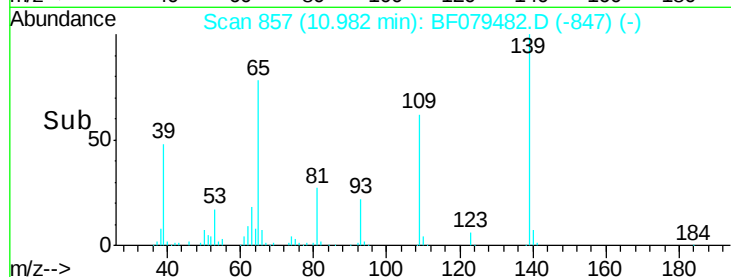
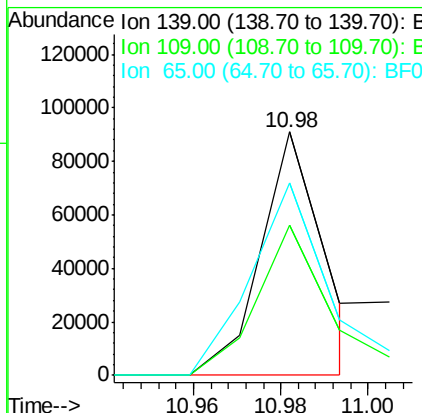
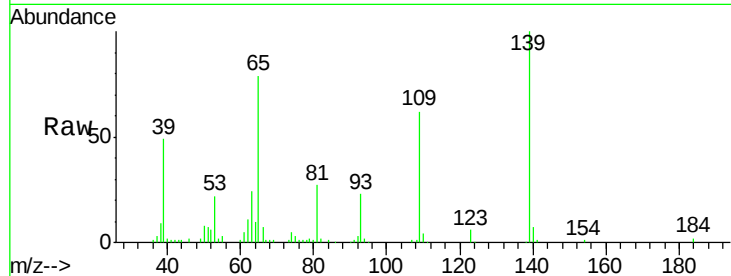
ClientSampleId :

SSTDIC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 139   | Resp: | 91409 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 61.7  | 42.8  | 82.8  |
| 65        | 79.1  | 66.3  | 106.3 |

Manual Integrations  
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#56

2,4-Dinitrotoluene

Concen: 50.67 ng/mL

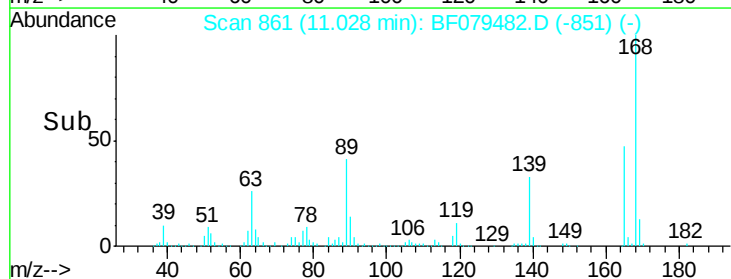
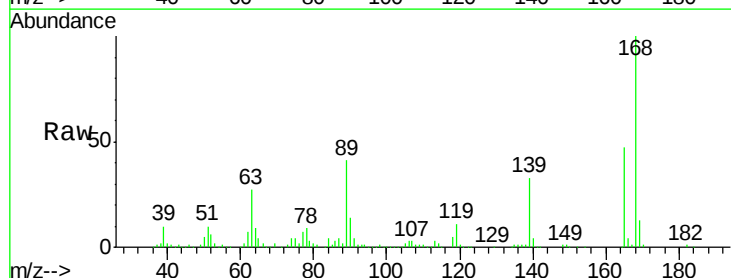
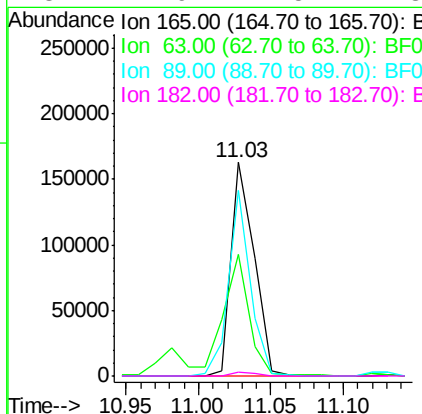
RT: 11.03 min Scan# 861

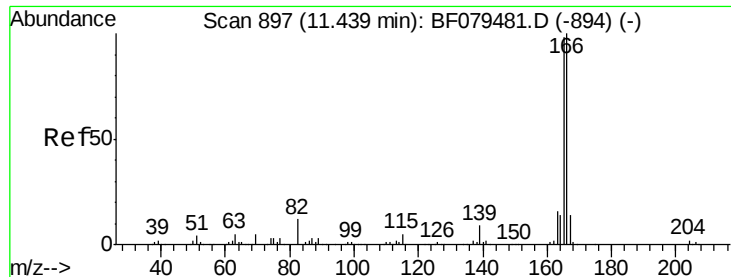
Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 178895 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 56.7  | 39.5  | 59.3   |
| 89        | 86.8  | 64.2  | 96.4   |
| 182       | 1.9   | 1.5   | 2.3    |





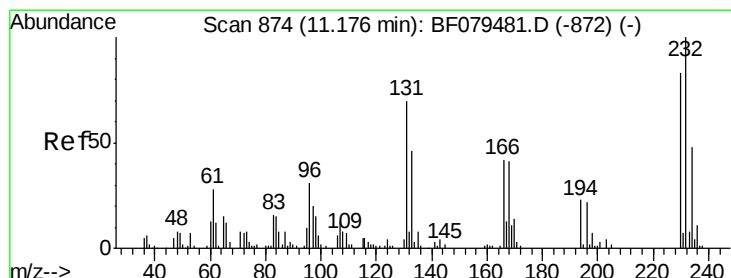
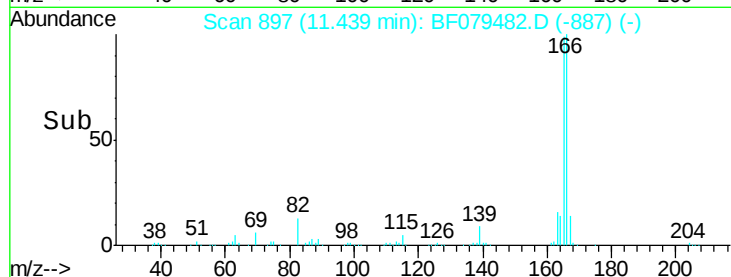
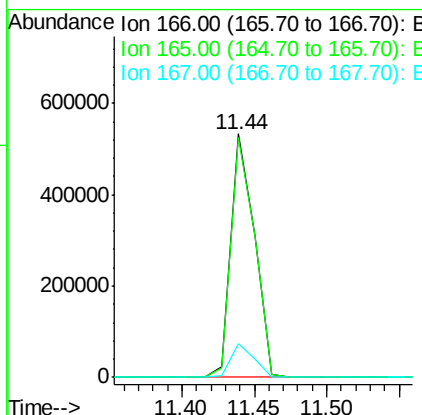
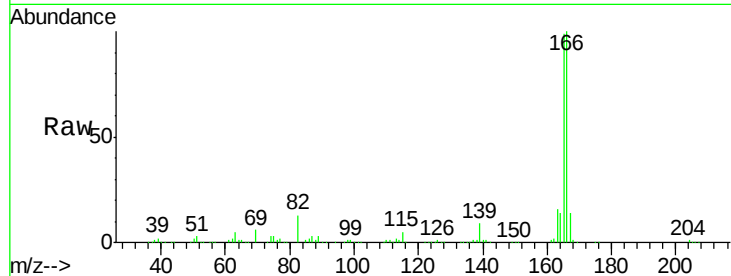
#57  
 Fluorene  
 Concen: 45.06 ng  
 RT: 11.44 min Scan# 897  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 599055 |       |       |
| 165     | 98.5  | 78.6   | 117.8 |       |
| 167     | 13.6  | 10.8   | 16.2  |       |

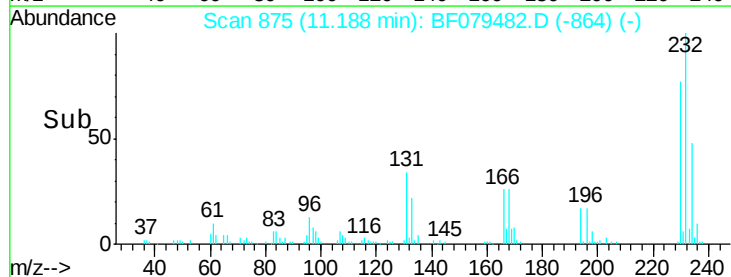
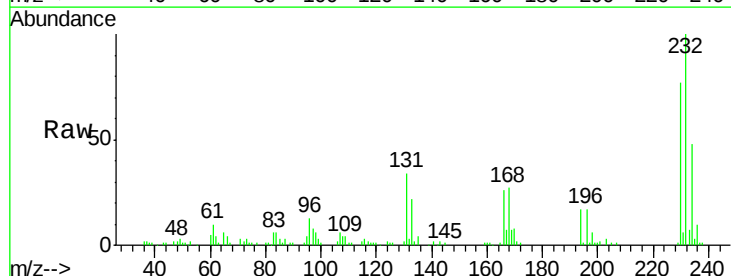
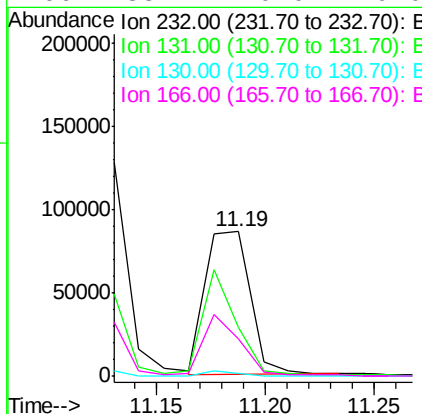
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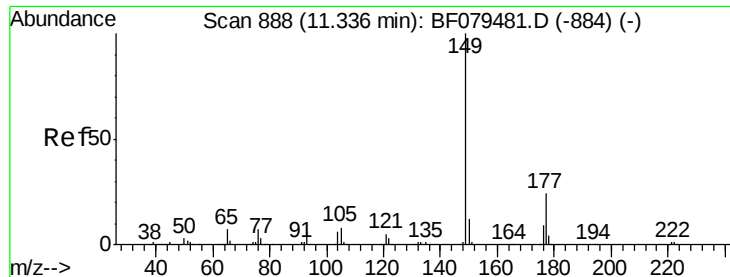
apatel  
 5/27/2015 2:00:35 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.84 ng  
 RT: 11.19 min Scan# 875  
 Delta R.T. 0.01 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 124186 |       |       |
| 131     | 54.8  | 0.0    | 0.0#  |       |
| 130     | 2.3   | 0.0    | 0.0#  |       |
| 166     | 35.1  | 0.0    | 0.0#  |       |





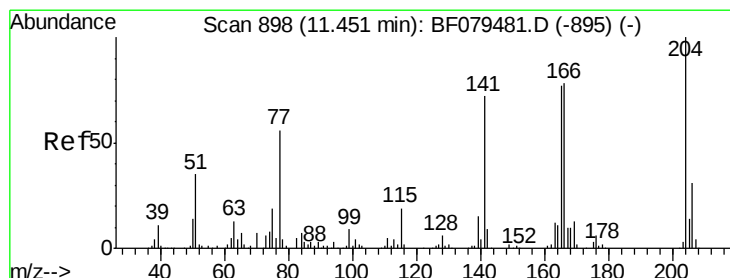
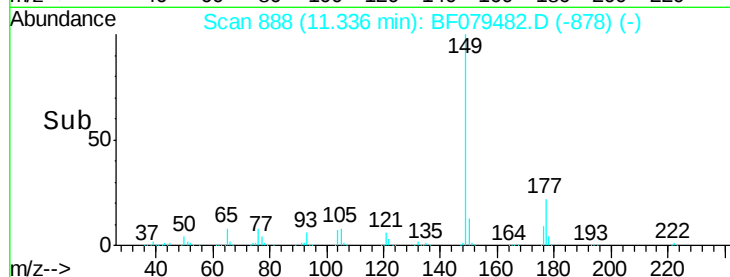
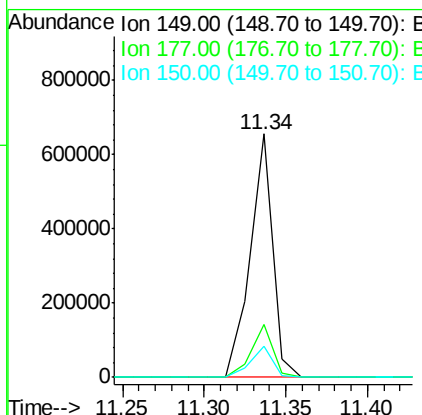
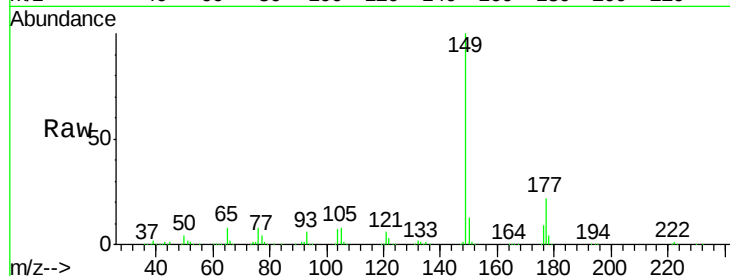
#59  
Diethylphthalate  
Concen: 46.91 ng  
RT: 11.34 min Scan# 888  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.9  | 18.9  | 28.3  |
| 150     | 12.9  | 9.8   | 14.6  |

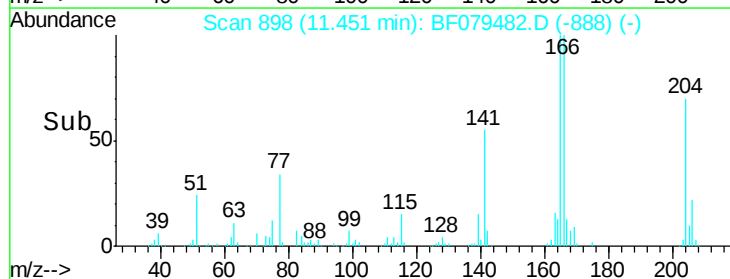
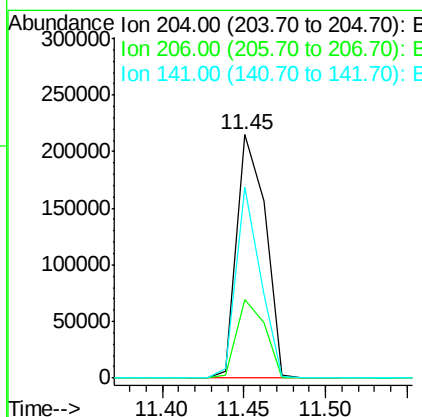
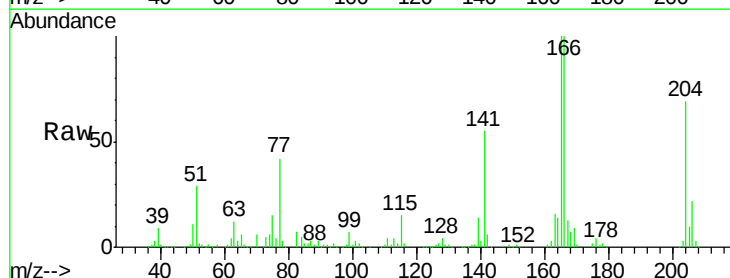
Manual Integrations  
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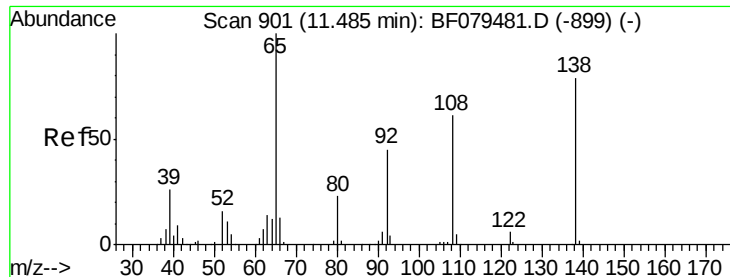
apatel  
5/27/2015 2:00:35 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 44.45 ng  
RT: 11.45 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.1  | 25.0  | 37.4  |
| 141     | 78.7  | 57.4  | 86.2  |





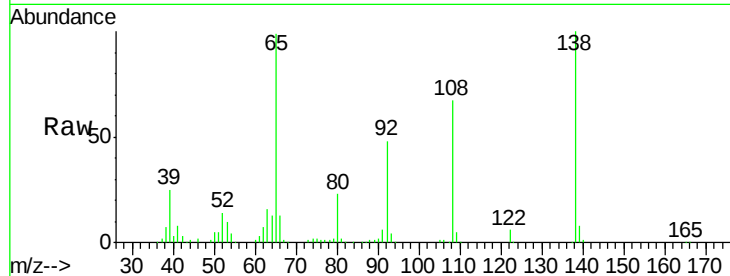
#61  
4-Nitroaniline  
Concen: 51.31 ng  
RT: 11.50 min Scan# 902  
Delta R.T. 0.01 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

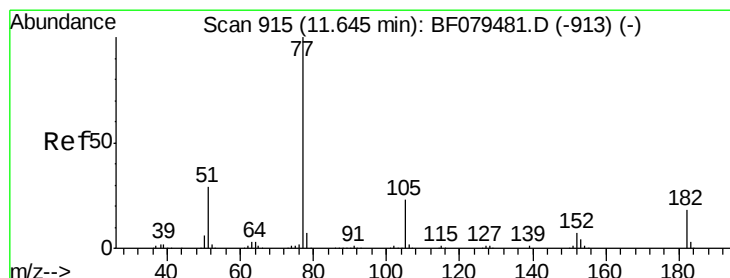
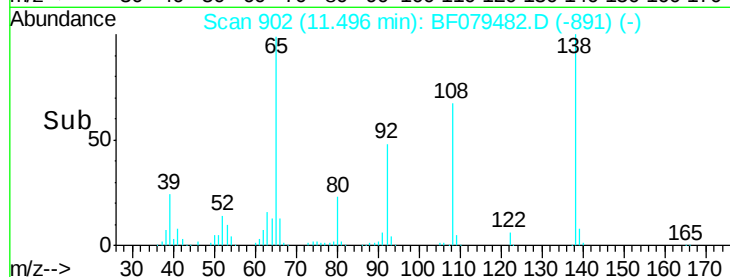
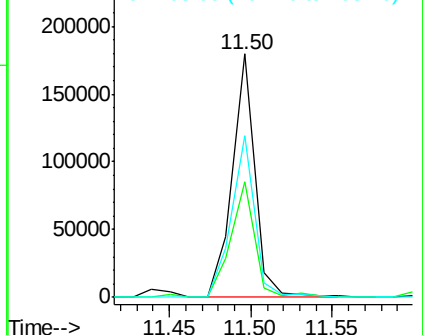
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 168926 |       |       |
| 92      | 47.7  | 37.2   | 77.2  |       |
| 108     | 66.6  | 57.0   | 97.0  |       |

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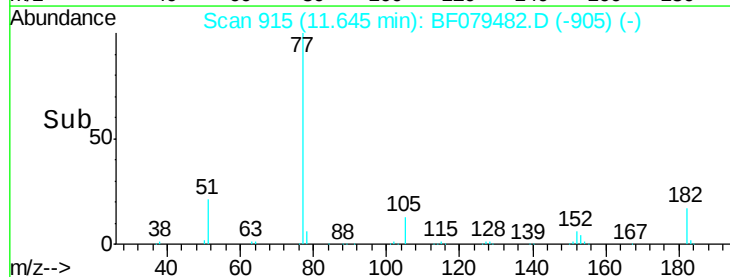
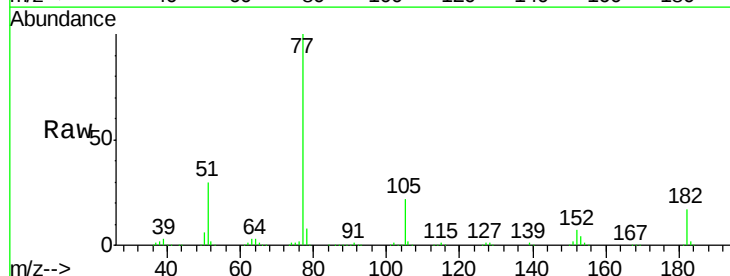
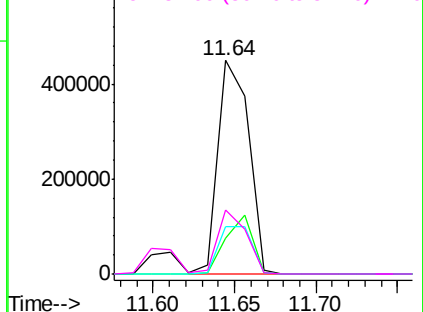
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

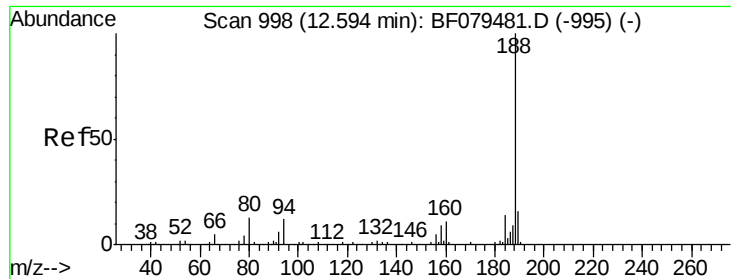


#62  
Azobenzene  
Concen: 44.71 ng  
RT: 11.64 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 582945 |       |       |
| 182     | 16.9  | 0.0    | 37.7  |       |
| 105     | 22.3  | 2.7    | 42.7  |       |
| 51      | 29.8  | 8.9    | 48.9  |       |

Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

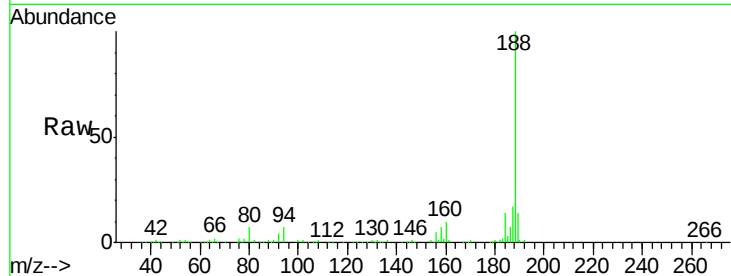
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 341535 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.3   | 9.8   | 14.6#  |
| 80        | 7.3   | 10.5  | 15.7#  |

Manual Integrations  
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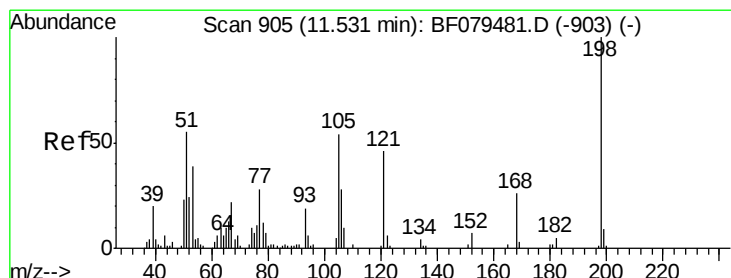
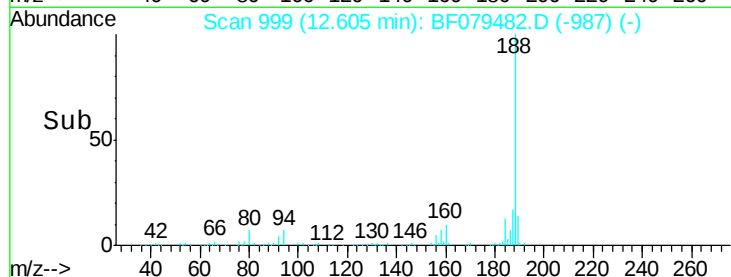
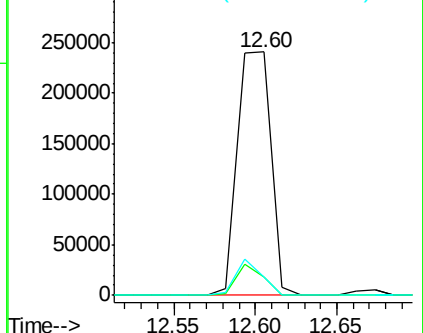
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 58.53 ng

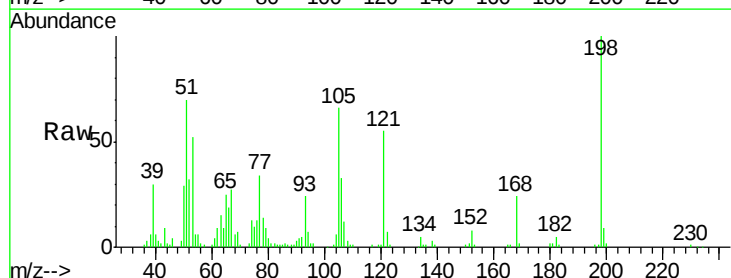
RT: 11.53 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

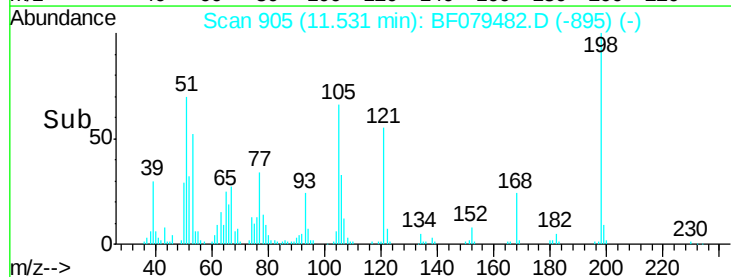
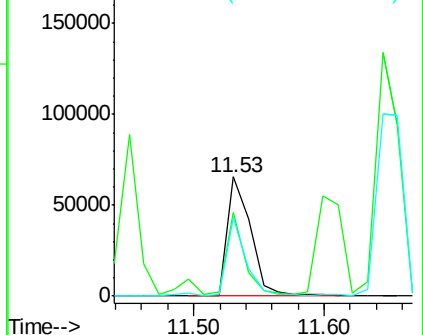
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 82459 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 69.7  | 36.0  | 76.0  |
| 105       | 65.7  | 34.1  | 74.1  |

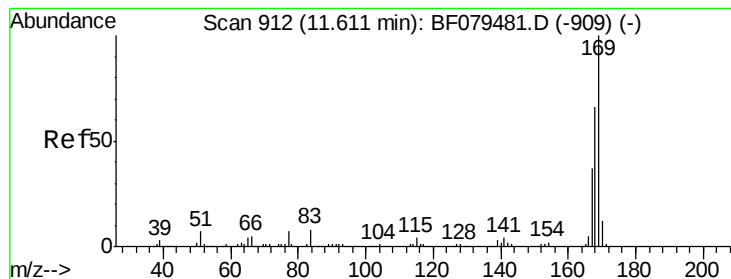


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





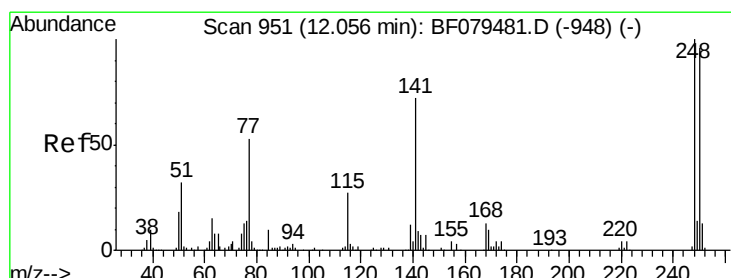
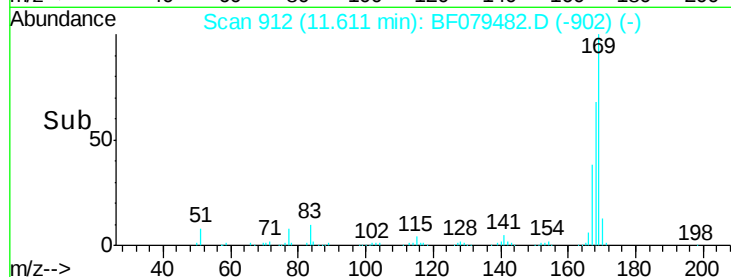
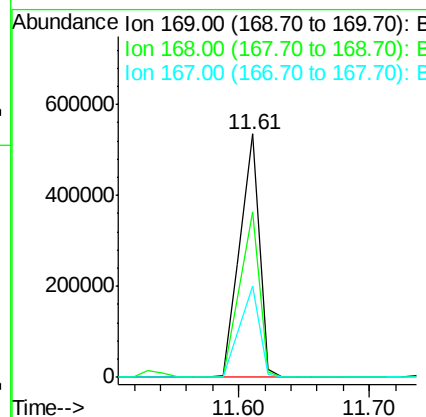
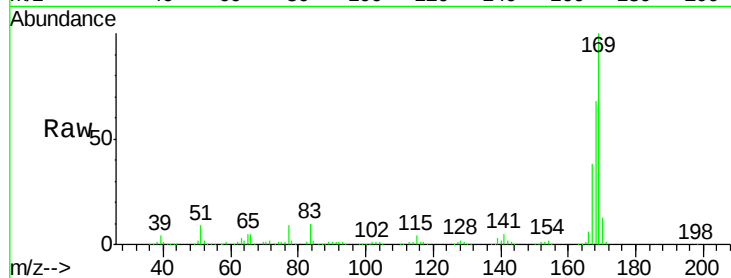
#65  
 n-Nitrosodiphenylamine  
 Concen: 48.23 ng  
 RT: 11.61 min Scan# 912  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 552623 |       |       |
| 168     | 68.0  |        | 53.1  | 79.7  |
| 167     | 37.7  |        | 29.9  | 44.9  |

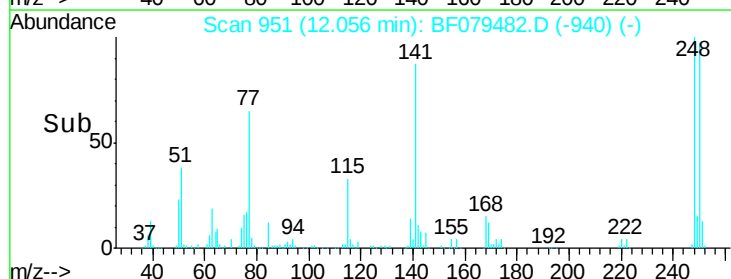
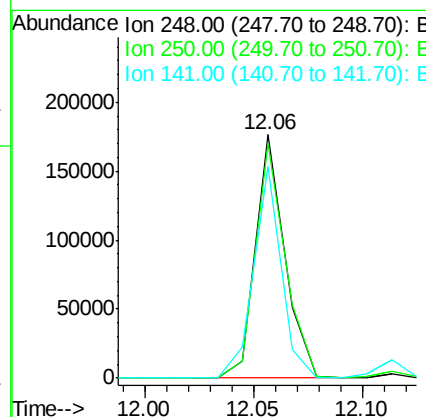
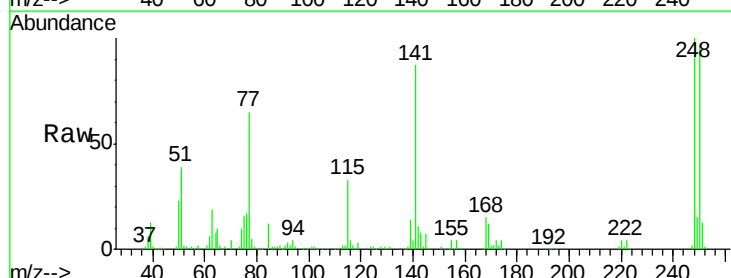
Manual Integrations  
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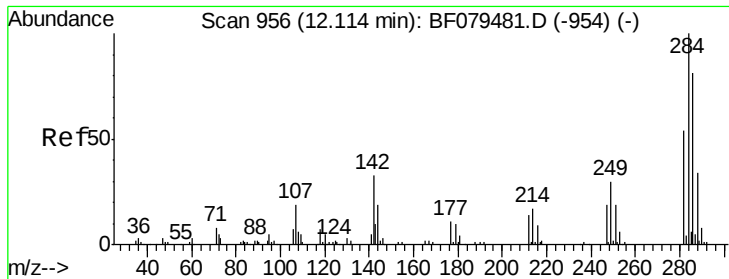
apatel  
 5/27/2015 2:00:35 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 45.90 ng  
 RT: 12.06 min Scan# 951  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 165962 |       |       |
| 250     | 96.6  |        | 76.8  | 115.2 |
| 141     | 86.8  |        | 57.7  | 86.5# |





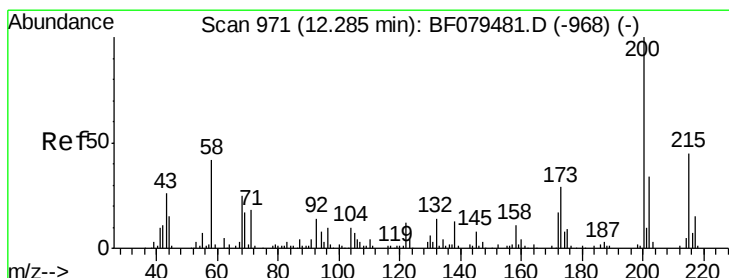
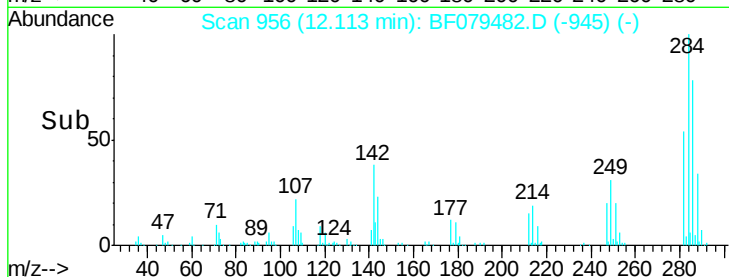
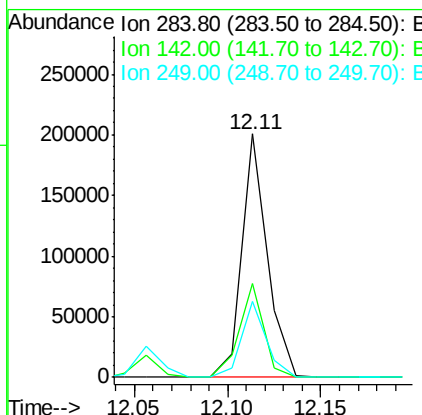
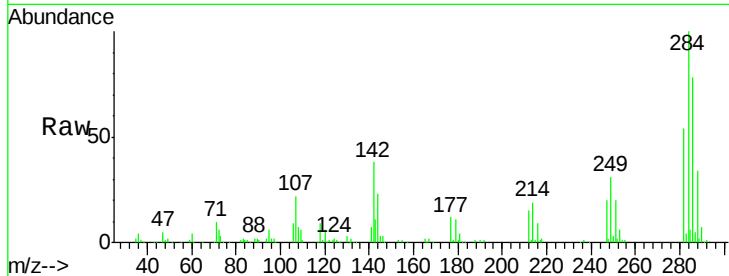
#67  
Hexachlorobenzene  
Concen: 46.01 ng  
RT: 12.11 min Scan# 956  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 189632 |       |       |
| 142     | 38.3  | 26.2   | 39.2  |       |
| 249     | 31.2  | 24.3   | 36.5  |       |

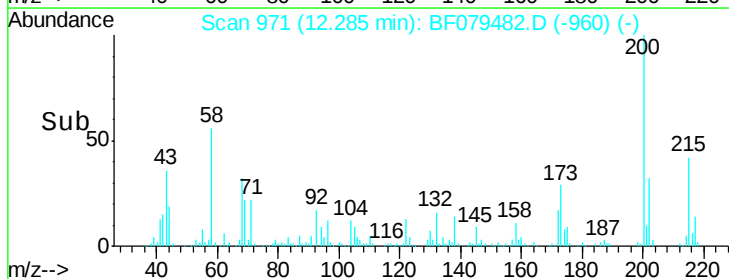
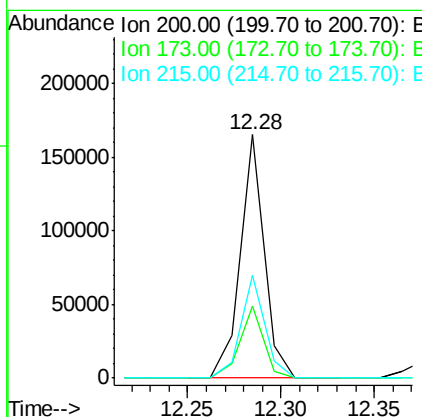
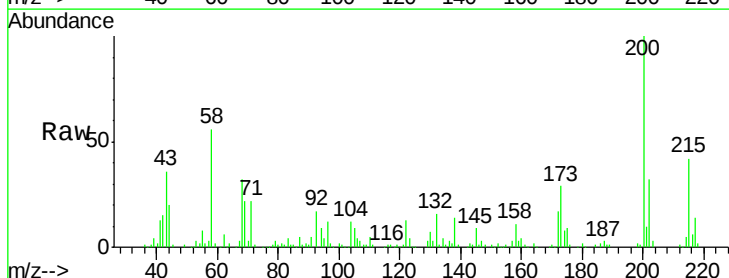
Manual Integrations  
APPROVED

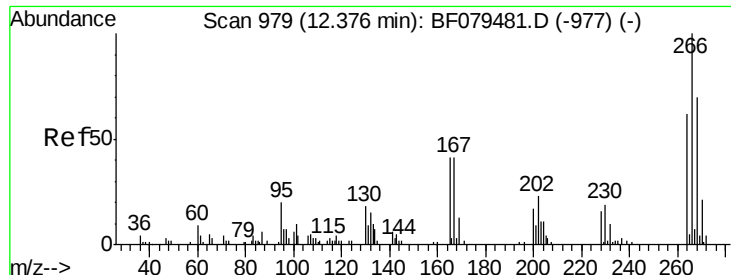
apatel  
5/27/2015 2:00:35 PM



#68  
Atrazine  
Concen: 44.77 ng  
RT: 12.28 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 149194 |       |       |
| 173     | 29.4  | 9.4    | 49.4  |       |
| 215     | 42.3  | 25.3   | 65.3  |       |





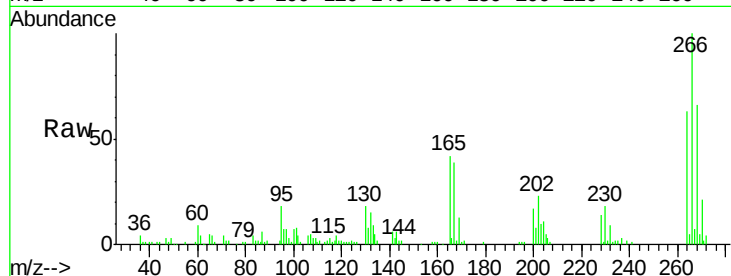
#69  
 Pentachlorophenol  
 Concen: 41.26 ng  
 RT: 12.38 min Scan# 979  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

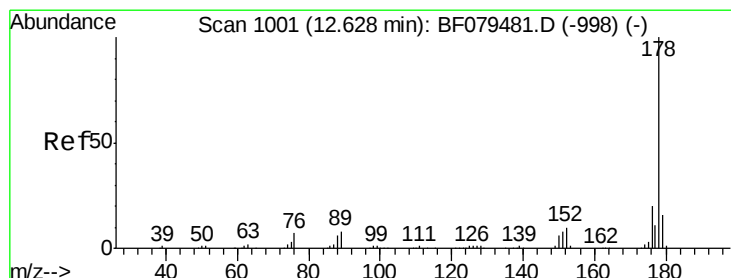
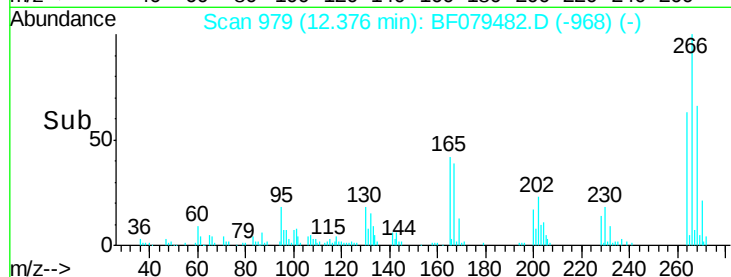
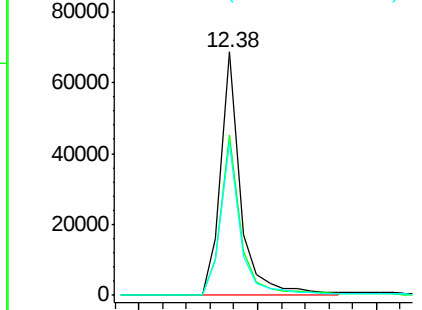
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 80823 |       |       |
| 268     | 65.9  |       | 56.1  | 84.1  |
| 264     | 62.5  |       | 50.0  | 75.0  |

Manual Integrations  
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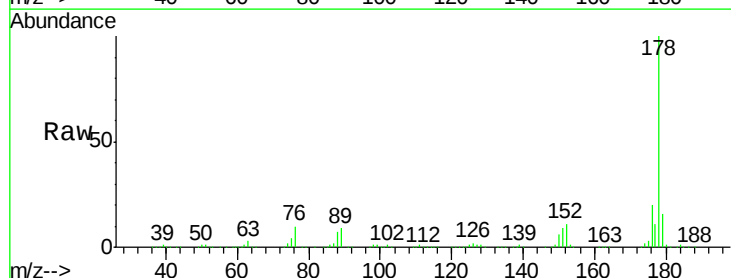


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

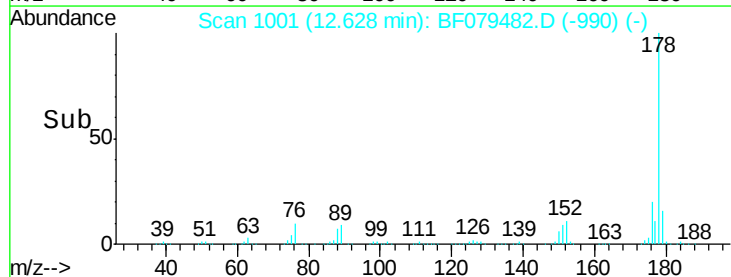
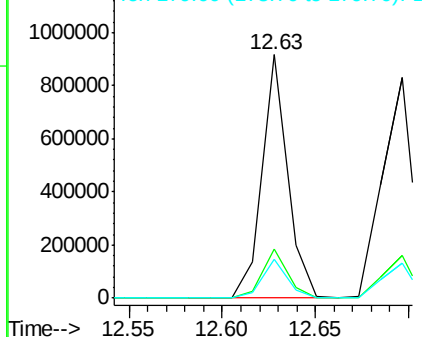


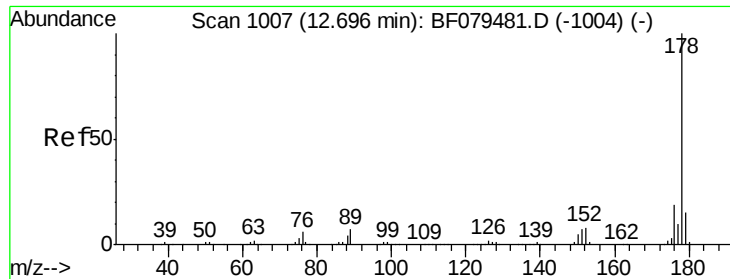
#70  
 Phenanthrene  
 Concen: 44.89 ng  
 RT: 12.63 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 862762 |       |       |
| 176     | 20.3  |        | 15.7  | 23.5  |
| 179     | 16.1  |        | 12.4  | 18.6  |



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





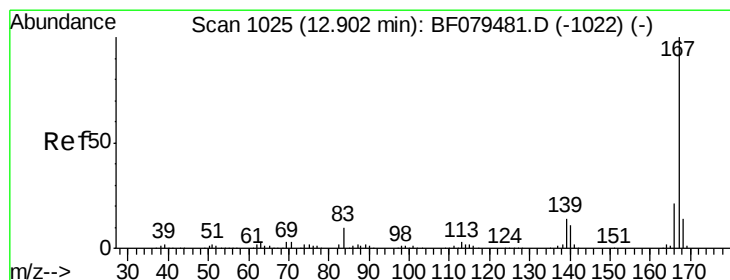
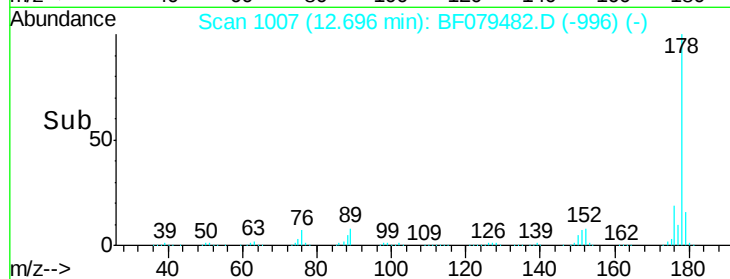
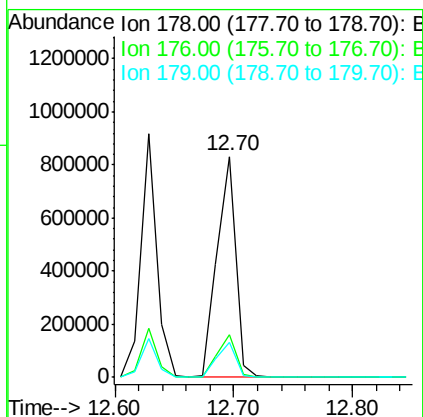
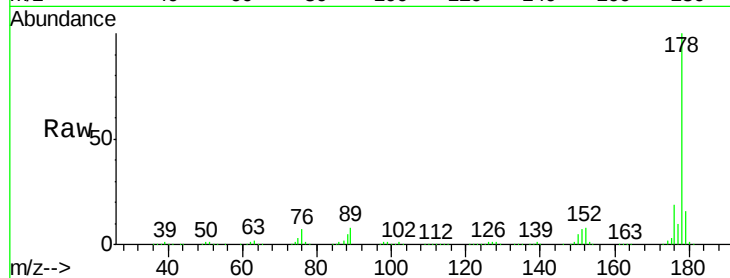
#71  
 Anthracene  
 Concen: 47.54 ng  
 RT: 12.70 min Scan# 1007  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.3  | 22.9  |
| 179     | 15.7  | 12.2  | 18.4  |

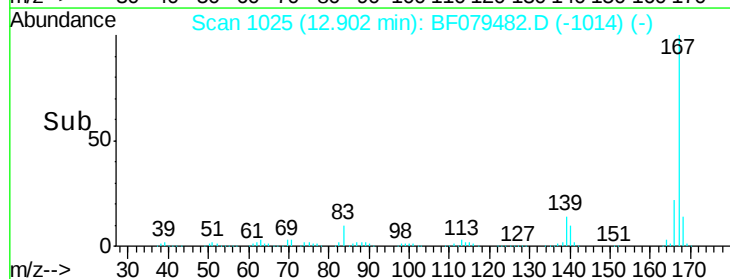
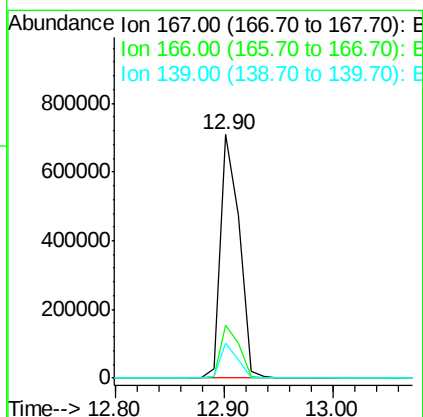
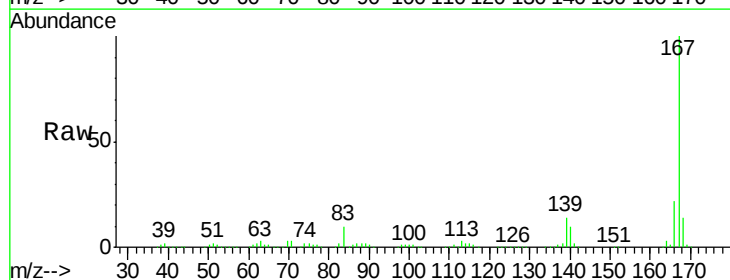
Manual Integrations  
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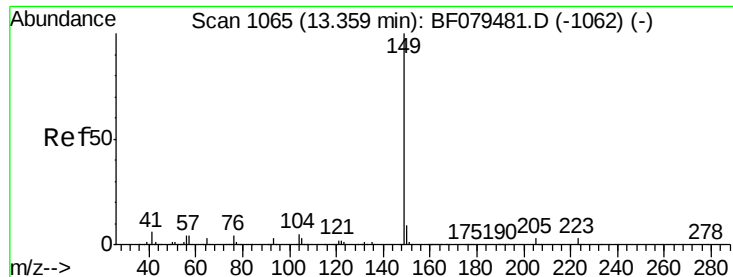
apatel  
 5/27/2015 2:00:35 PM



#72  
 Carbazole  
 Concen: 47.12 ng  
 RT: 12.90 min Scan# 1025  
 Delta R.T. -0.00 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.0  | 25.4  |
| 139     | 14.3  | 11.2  | 16.8  |





#73

Di-n-butylphthalate

Concen: 46.35 ng

RT: 13.36 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

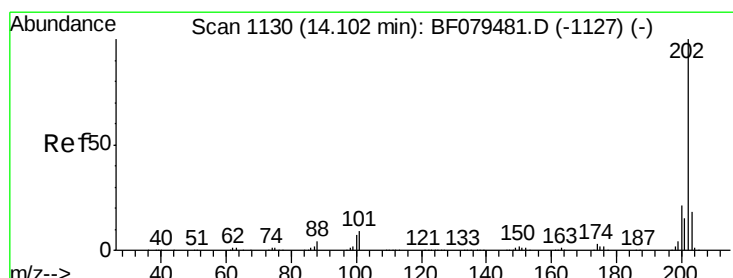
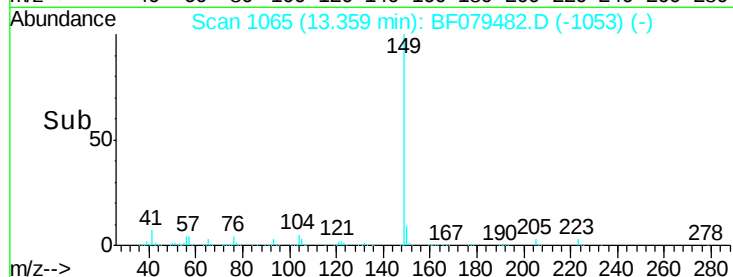
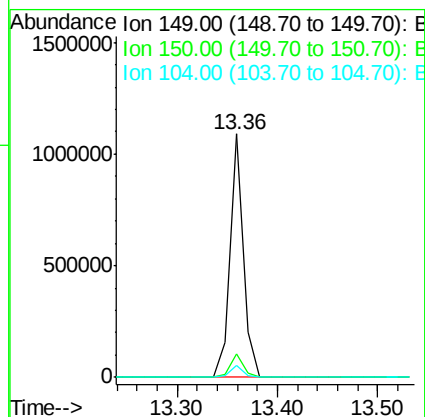
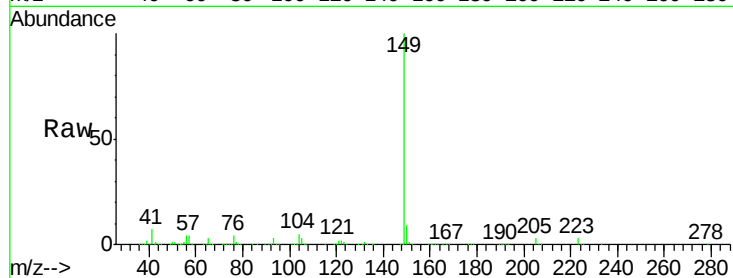
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 999444 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 7.5   | 11.3   |
| 104       | 4.7   | 3.6   | 5.4    |

Manual Integrations  
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apatel  
5/27/2015 2:00:35 PM



#74

Fluoranthene

Concen: 46.72 ng

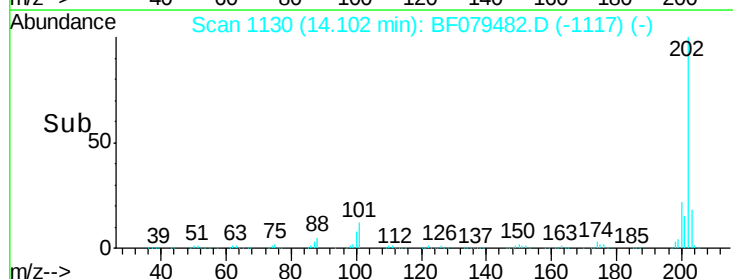
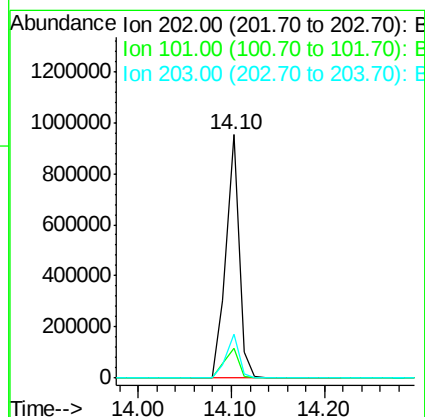
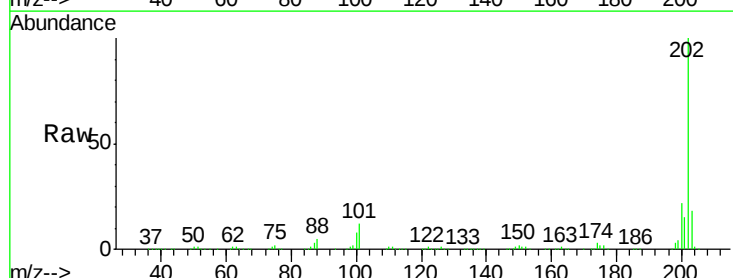
RT: 14.10 min Scan# 1130

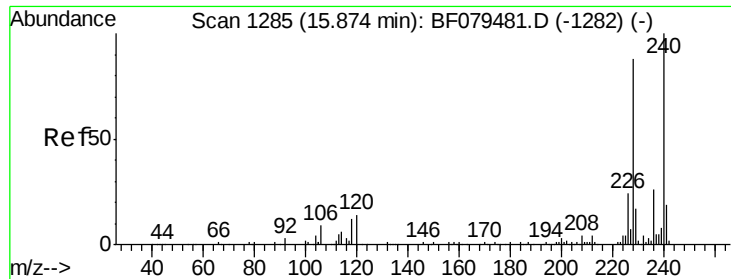
Delta R.T. -0.00 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 940947 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.1  | 0.0   | 29.3   |
| 203       | 18.2  | 0.0   | 37.6   |





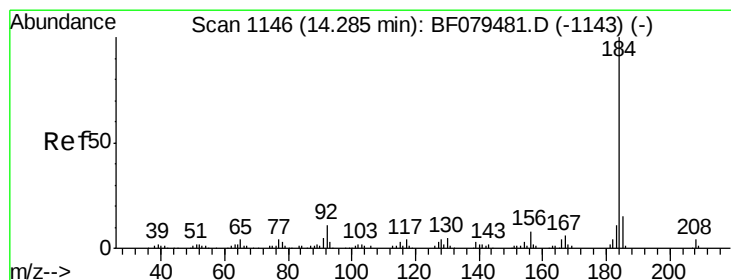
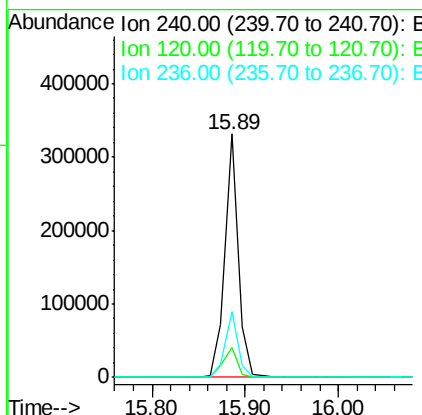
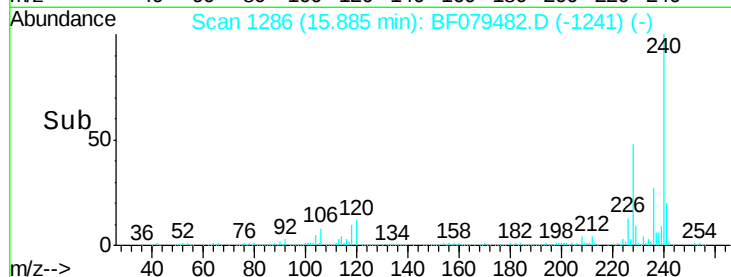
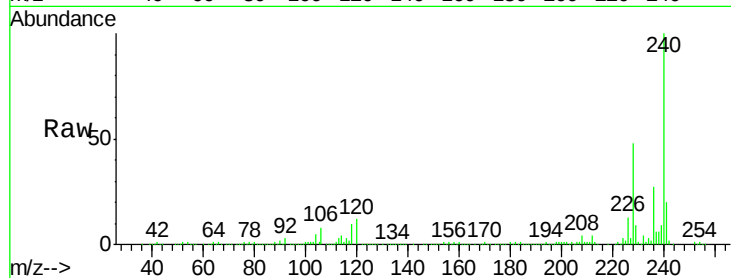
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.89 min Scan# 1286  
Delta R.T. 0.01 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.3  | 10.8  | 16.2  |
| 236     | 26.9  | 21.0  | 31.6  |

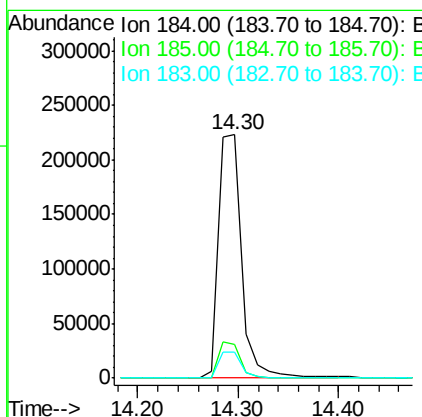
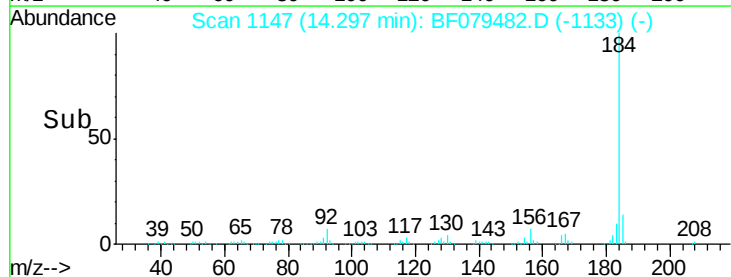
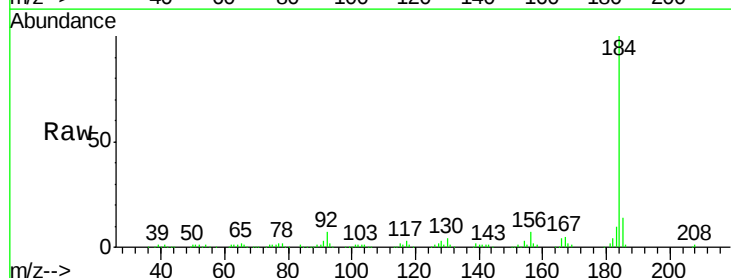
Manual Integrations  
APPROVED

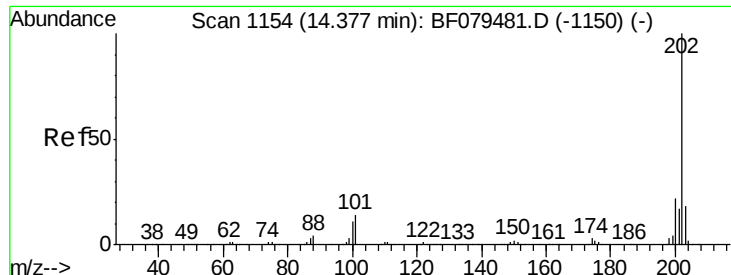
apatel  
5/27/2015 2:00:35 PM



#76  
Benzidine  
Concen: 41.55 ng  
RT: 14.30 min Scan# 1147  
Delta R.T. 0.01 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.9  | 12.1  | 18.1  |
| 183     | 10.5  | 8.6   | 12.8  |





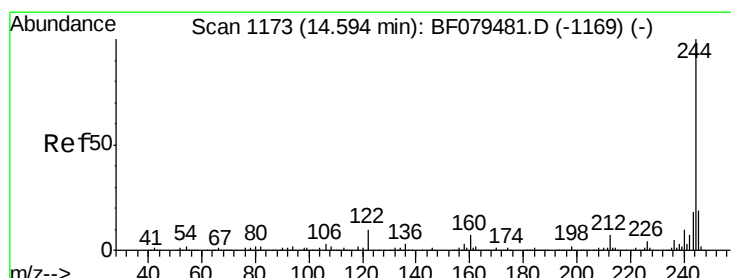
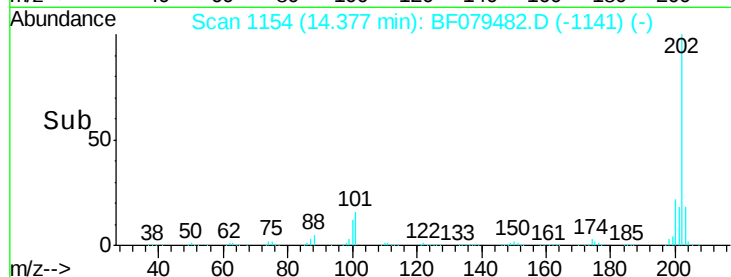
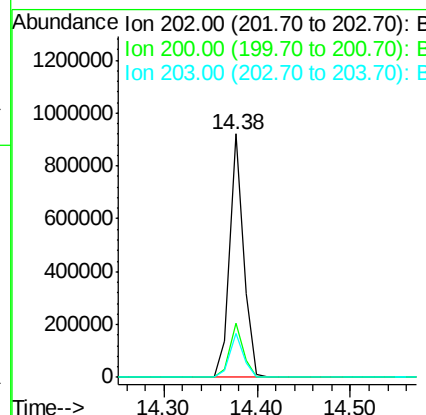
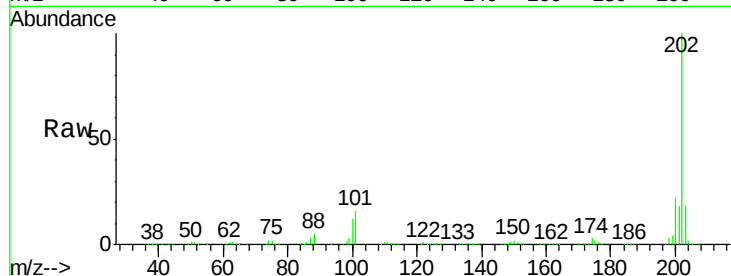
#77  
Pvrene  
Concen: 49.20 ng  
RT: 14.38 min Scan# 1154  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 956042 |       |       |
| 200     | 22.1  |        | 17.5  | 26.3  |
| 203     | 18.3  |        | 14.4  | 21.6  |

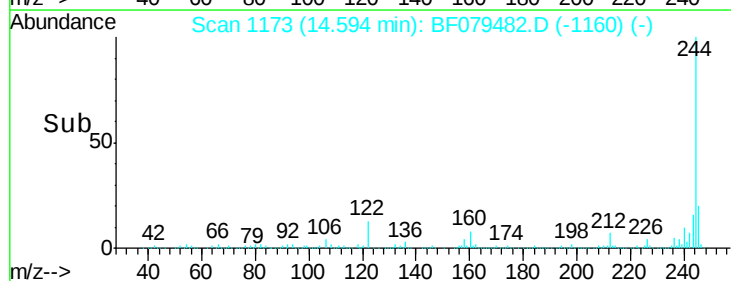
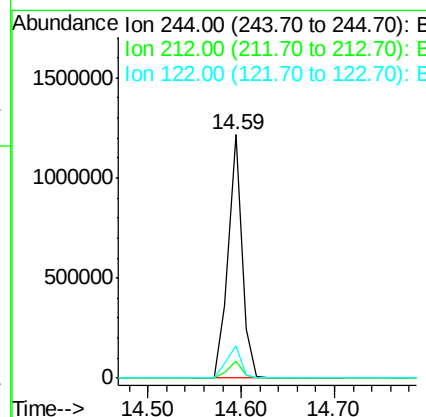
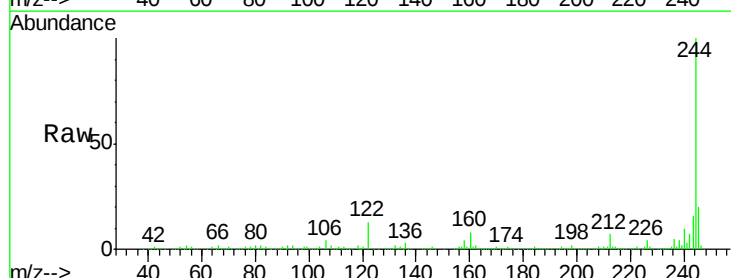
Manual Integrations  
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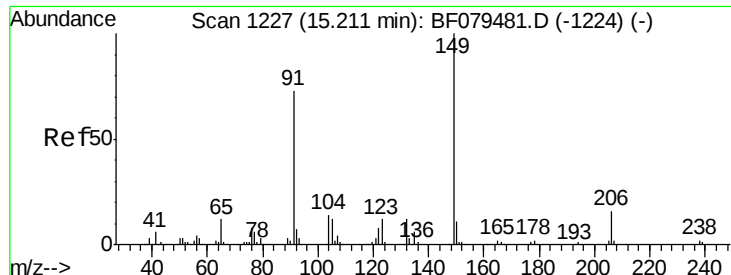
apatel  
5/27/2015 2:00:35 PM



#78  
Terphenyl-d14  
Concen: 89.97 ng  
RT: 14.59 min Scan# 1173  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 244     | 100   | 1262283 |       |       |
| 212     | 7.1   |         | 5.2   | 7.8   |
| 122     | 13.2  |         | 8.0   | 12.0# |





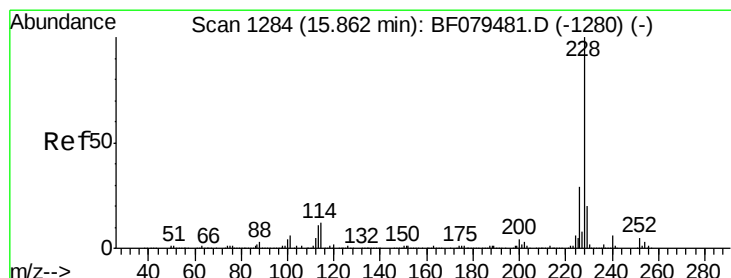
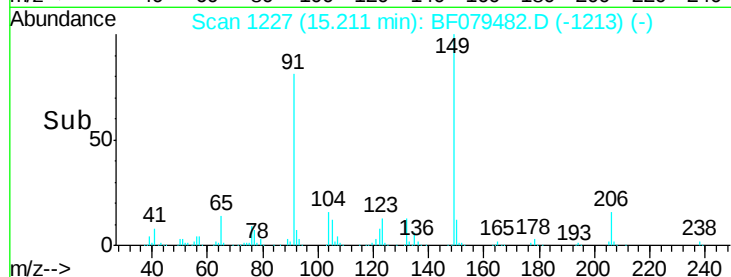
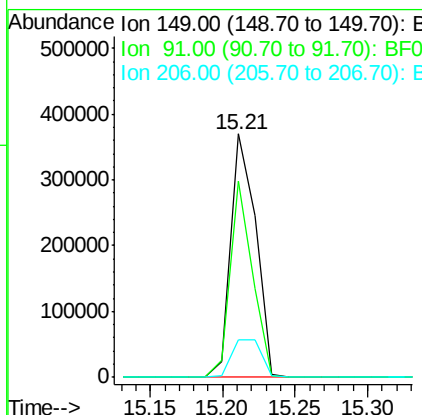
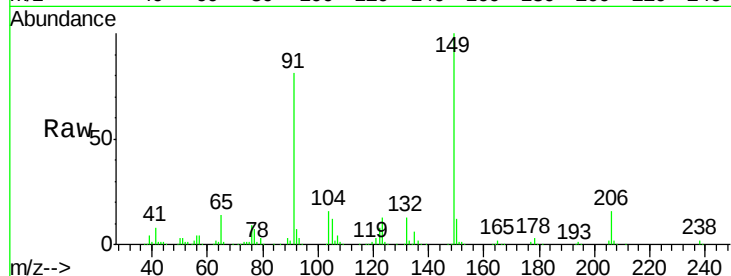
#79  
Butylbenzylphthalate  
Concen: 52.42 ng  
RT: 15.21 min Scan# 1227  
Delta R.T. -0.00 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 442668 |       |       |
| 91      | 80.6  | 58.1   | 87.1  |       |
| 206     | 15.6  | 13.1   | 19.7  |       |

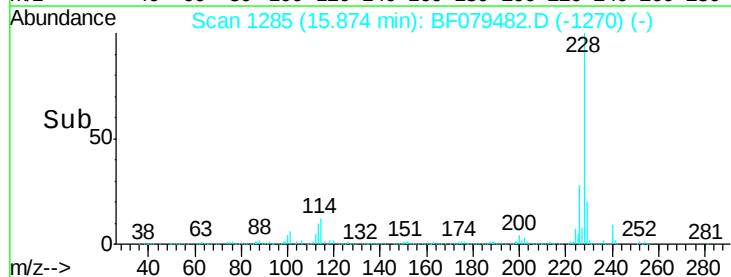
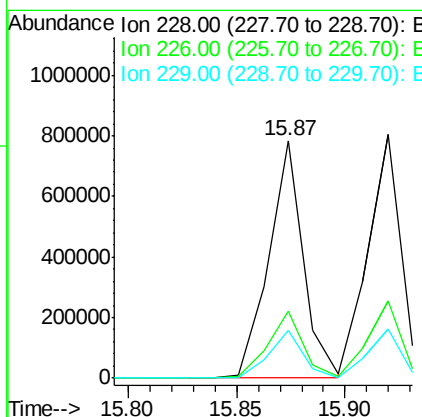
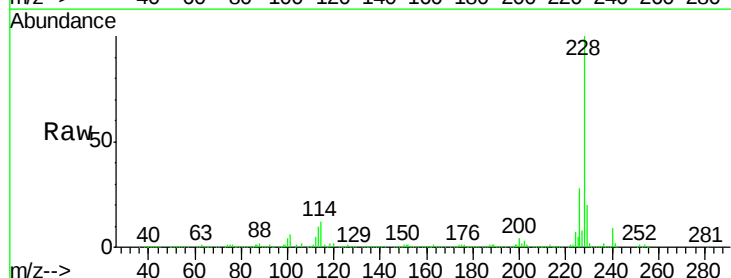
Manual Integrations  
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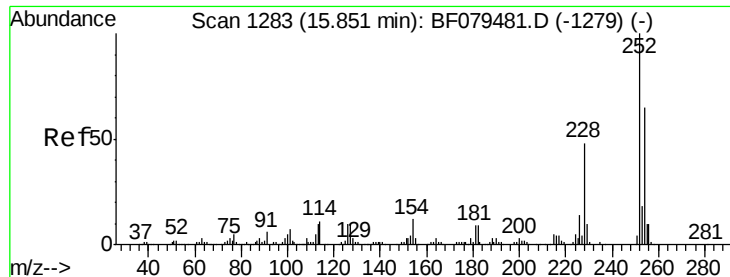
apatel  
5/27/2015 2:00:35 PM



#80  
Benzo(a)anthracene  
Concen: 47.61 ng  
RT: 15.87 min Scan# 1285  
Delta R.T. 0.01 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 873051 |       |       |
| 226     | 28.3  | 22.8   | 34.2  |       |
| 229     | 19.9  | 15.9   | 23.9  |       |





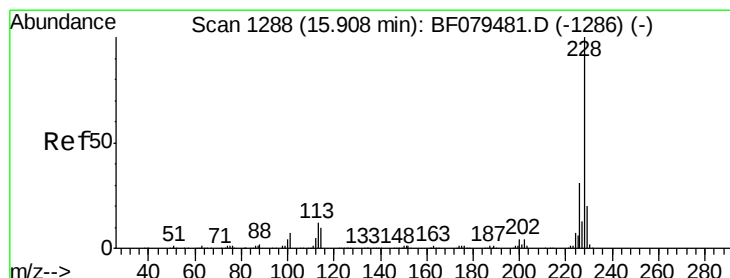
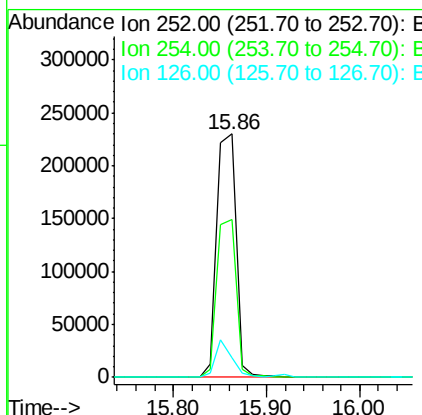
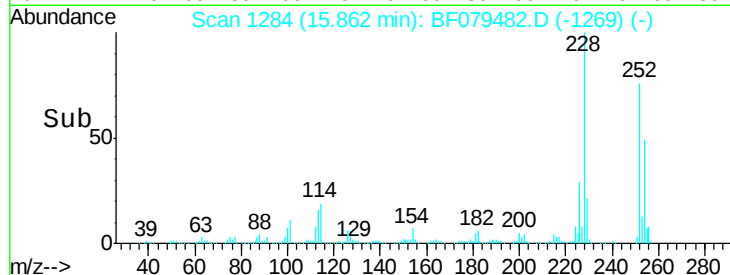
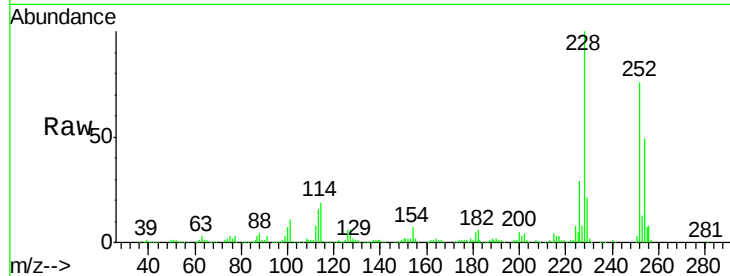
#81  
 3,3'-Dichlorobenzidine  
 Concen: 50.98 ng  
 RT: 15.86 min Scan# 1284  
 Delta R.T. 0.01 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 333954 |       |       |
| 254     | 64.7  | 52.1   | 78.1  |       |
| 126     | 7.9   | 8.2    | 12.2  |       |

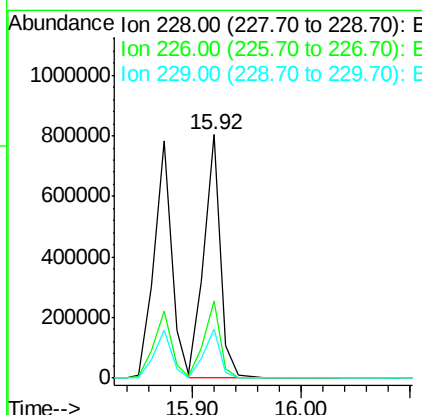
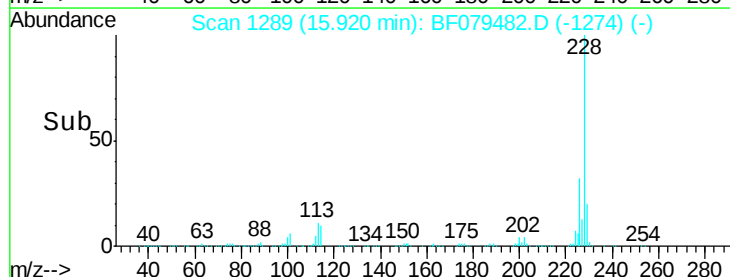
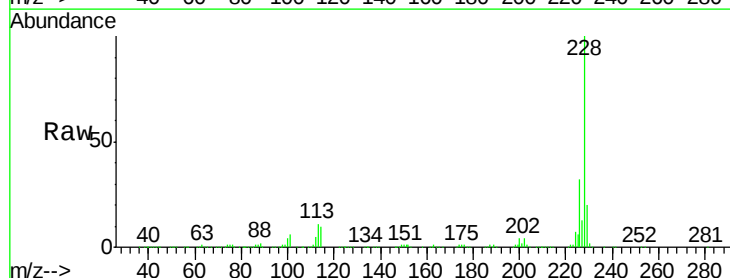
Manual Integrations  
 APPROVED

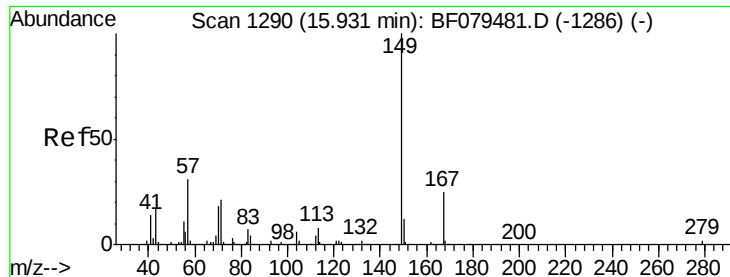
apatel  
 5/27/2015 2:00:35 PM



#82  
 Chrysene  
 Concen: 48.31 ng  
 RT: 15.92 min Scan# 1289  
 Delta R.T. 0.01 min  
 Lab File: BF079482.D  
 Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 857041 |       |       |
| 226     | 31.5  | 25.0   | 37.4  |       |
| 229     | 20.1  | 15.9   | 23.9  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.63 ng

RT: 15.94 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

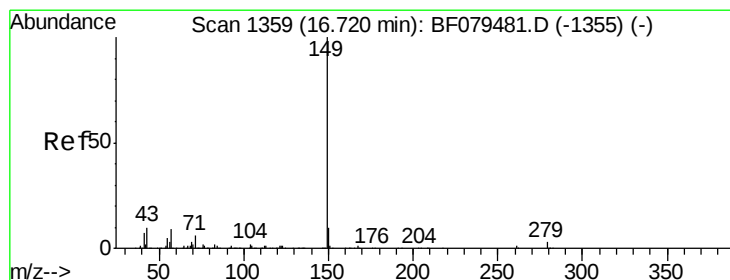
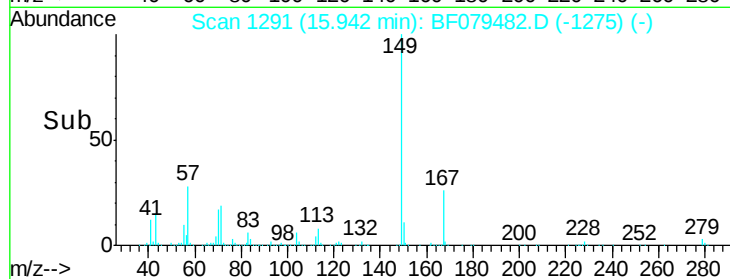
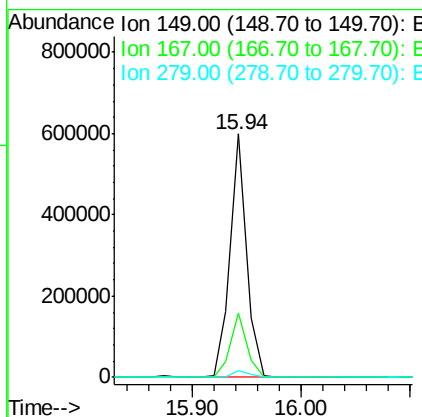
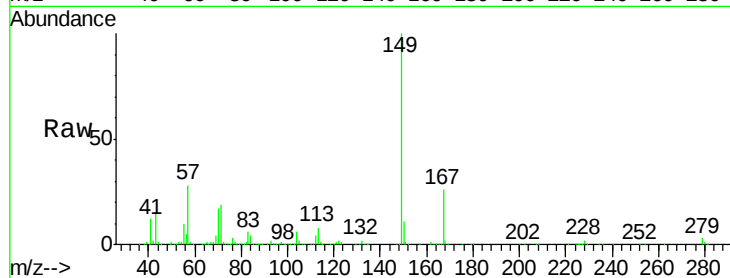
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 629557 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.4  | 20.2  | 30.4   |
| 279       | 2.8   | 2.0   | 3.0    |

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5/27/2015 2:00:35 PM



#84

Di-n-octyl phthalate

Concen: 48.39 ng

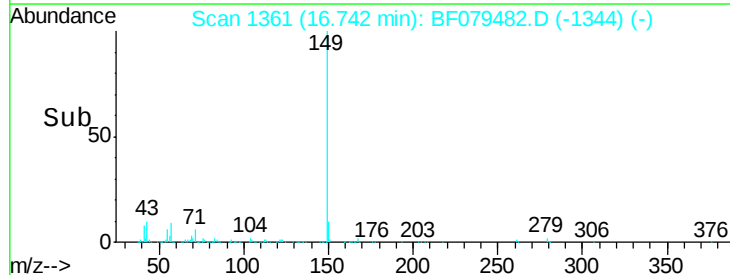
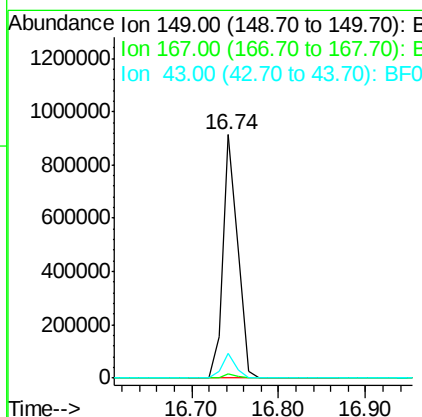
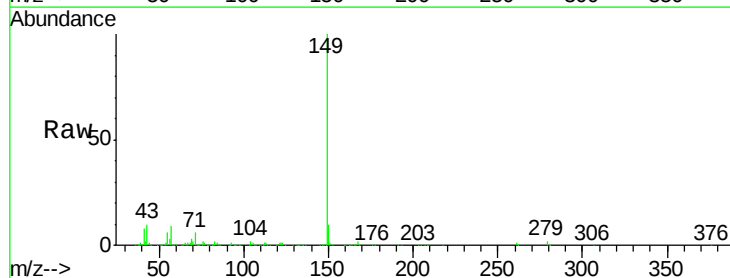
RT: 16.74 min Scan# 1361

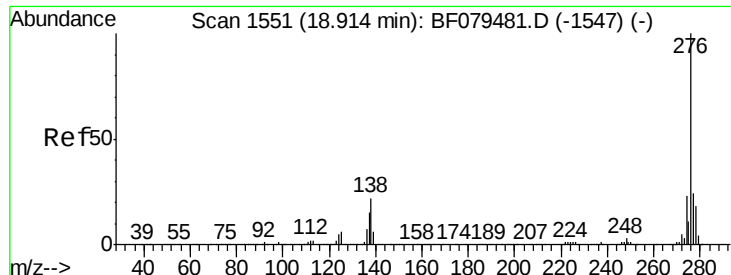
Delta R.T. 0.02 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1088766 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.5   | 1.2   | 1.8     |
| 43        | 9.6   | 7.8   | 11.6    |





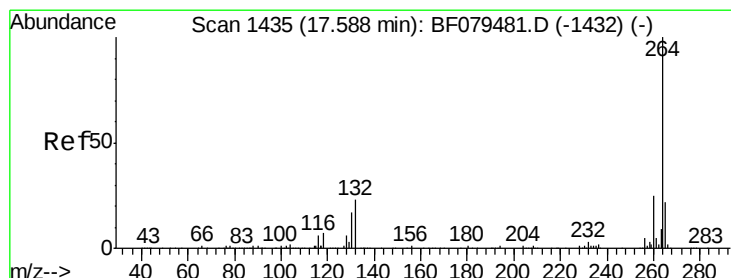
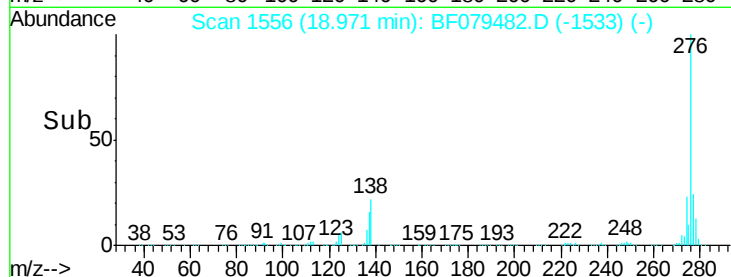
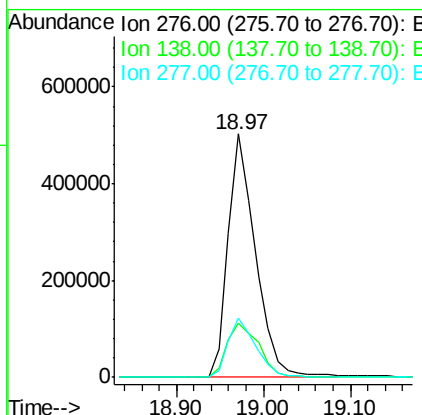
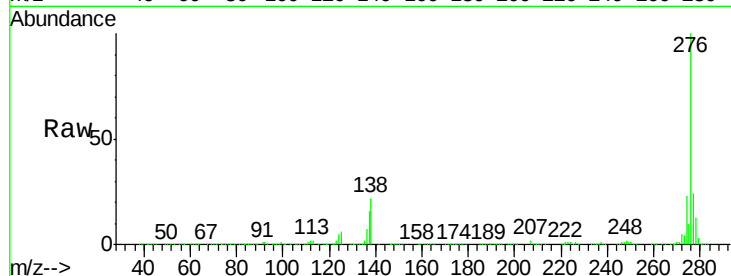
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 49.13 ng  
RT: 18.97 min Scan# 1556  
Delta R.T. 0.06 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.6  | 21.4  | 32.2  |
| 277     | 25.0  | 19.8  | 29.6  |

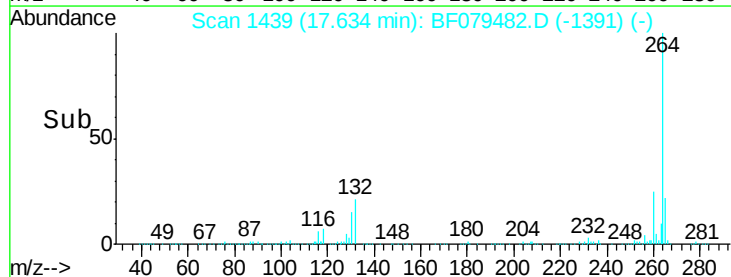
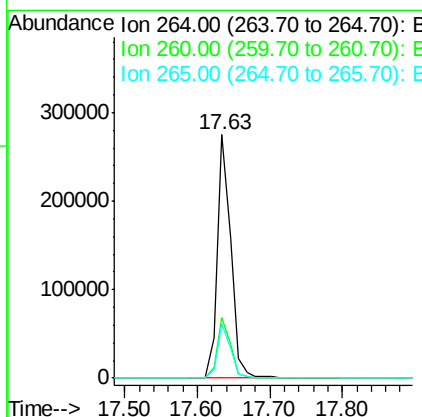
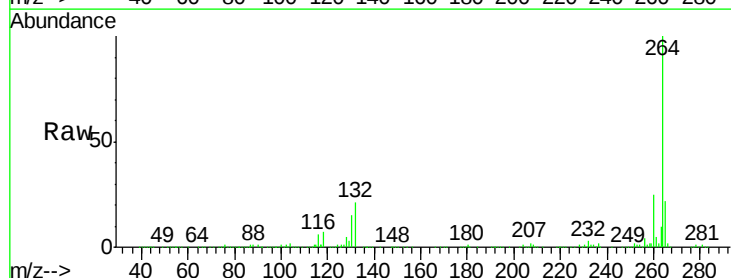
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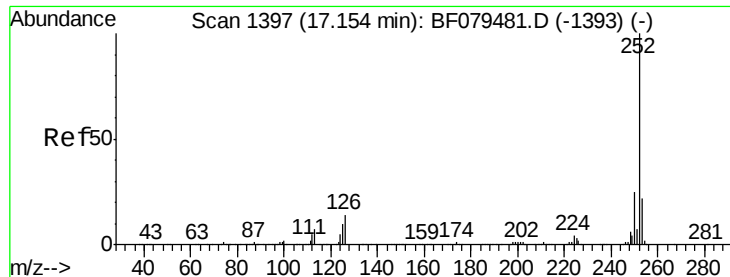
apatel  
5/27/2015 2:00:35 PM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.63 min Scan# 1439  
Delta R.T. 0.05 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.8  | 19.8  | 29.8  |
| 265     | 22.1  | 17.8  | 26.6  |





#87

Benzo(b)fluoranthene

Concen: 44.73 ng

RT: 17.19 min Scan# 1400

Delta R.T. 0.03 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

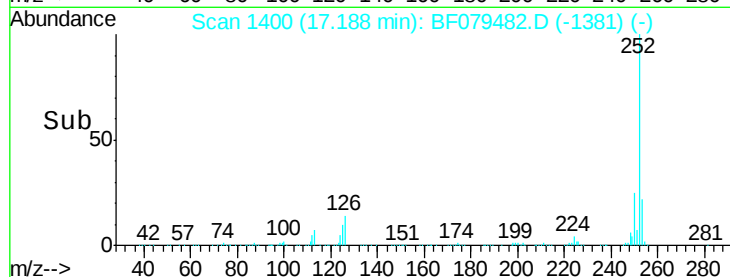
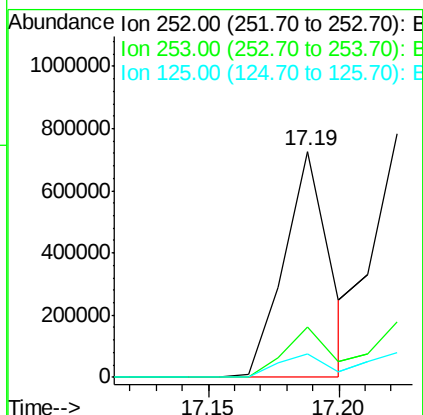
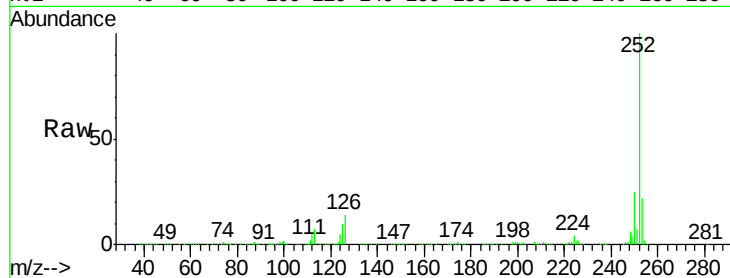
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 874366 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 17.6  | 26.4   |
| 125       | 10.4  | 7.8   | 11.6   |

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5/27/2015 2:00:35 PM



#88

Benzo(k)fluoranthene

Concen: 47.98 ng m

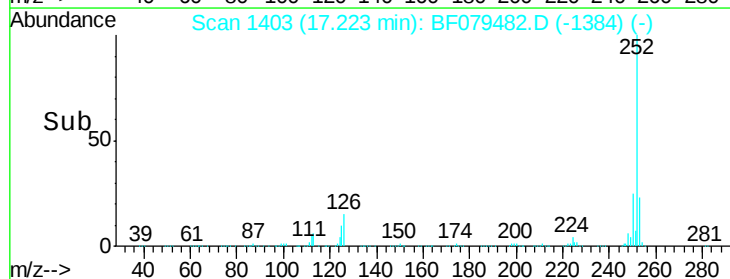
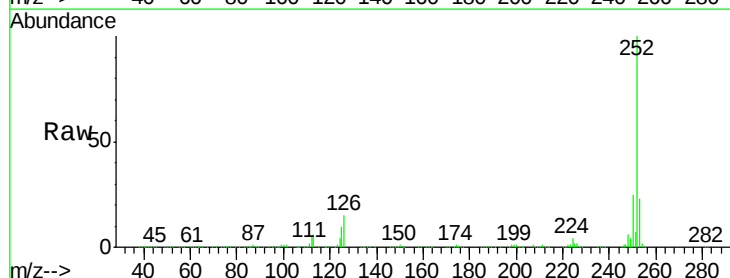
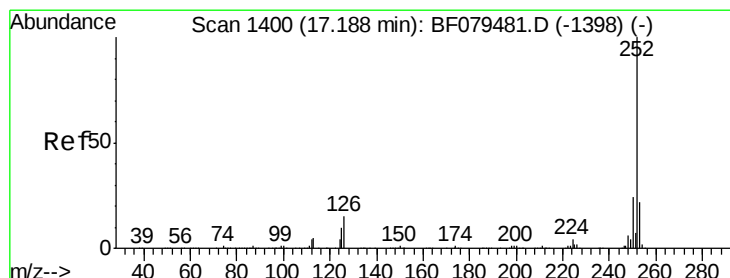
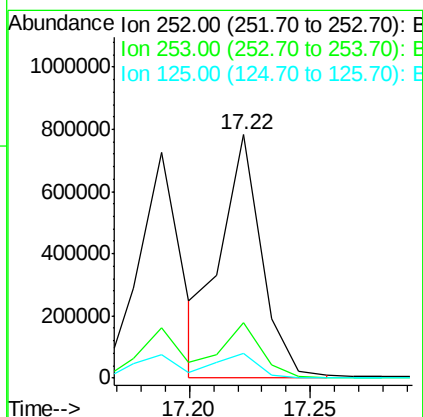
RT: 17.22 min Scan# 1403

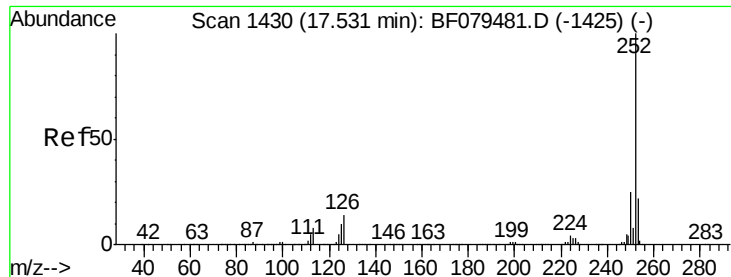
Delta R.T. 0.03 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 917155 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.8  | 17.2  | 25.8   |
| 125       | 10.1  | 6.8   | 10.2   |





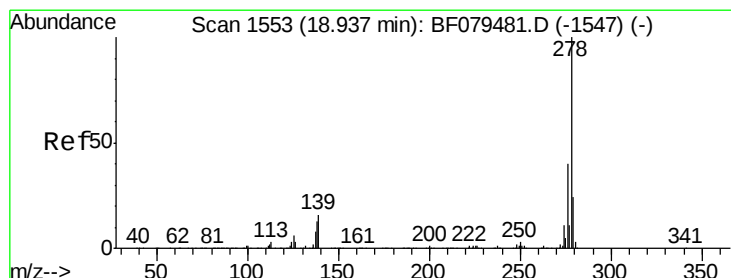
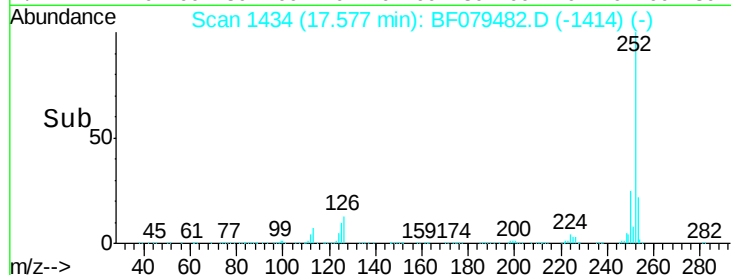
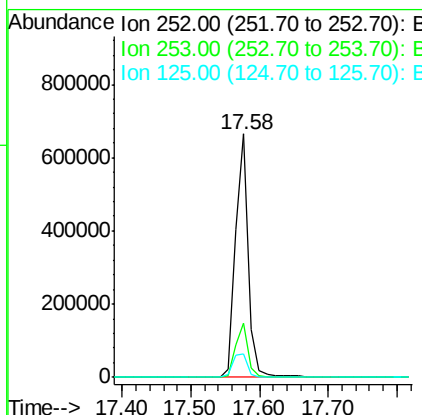
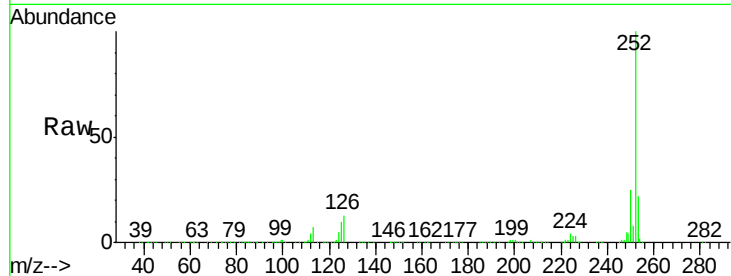
#89  
Benzo(a)pyrene  
Concen: 47.98 ng  
RT: 17.58 min Scan# 1434  
Delta R.T. 0.05 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 871290 |       |       |
| 253     | 22.2  |        | 17.8  | 26.8  |
| 125     | 9.6   |        | 7.9   | 11.9  |

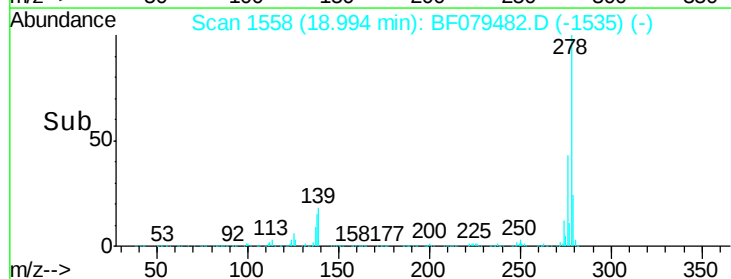
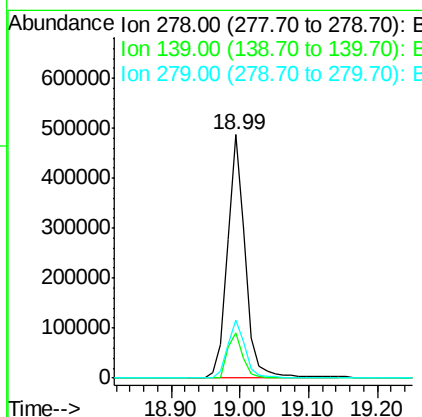
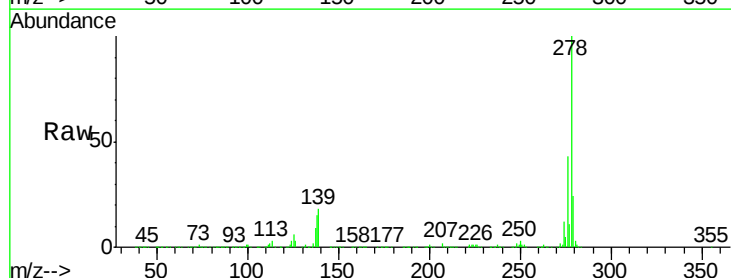
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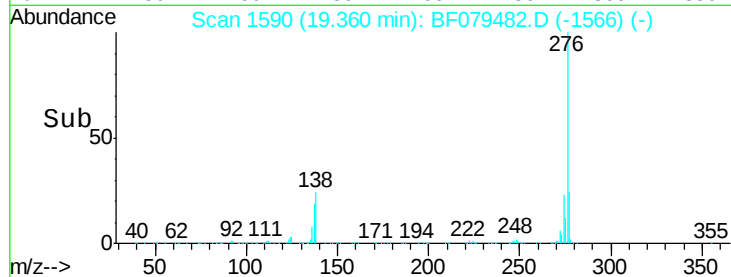
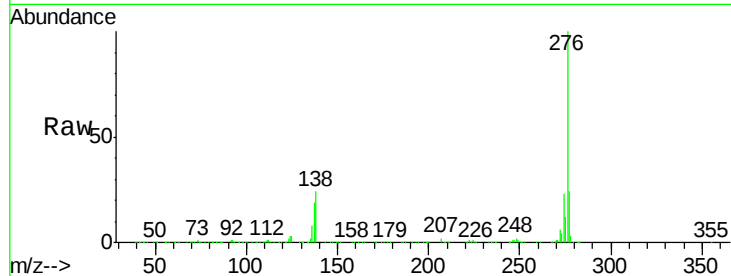
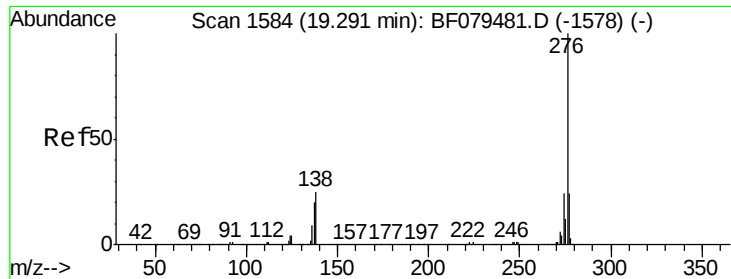
apatel  
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#90  
Dibenzo(a,h)anthracene  
Concen: 46.58 ng  
RT: 18.99 min Scan# 1558  
Delta R.T. 0.06 min  
Lab File: BF079482.D  
Acq: 26 May 2015 17:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 278     | 100   | 893419 |       |       |
| 139     | 18.4  |        | 12.8  | 19.2  |
| 279     | 24.0  |        | 19.1  | 28.7  |





#91

Benzo(a,h,i)perylene

Concen: 46.96 ng

RT: 19.36 min Scan# 1590

Delta R.T. 0.07 min

Lab File: BF079482.D

Acq: 26 May 2015 17:49

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 908032 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.8  | 19.1  | 28.7   |
| 138       | 23.8  | 20.1  | 30.1   |

Manual Integrations  
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5/27/2015 2:00:35 PM

