

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\  
 Data File : BF076864.D  
 Acq On : 14 Jan 2015 17:43  
 Operator : IZ / TP  
 Sample : PB81310BS  
 Misc : W DOD  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

Manual Integrations  
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 1/15/2015 2:28:20 PM

Quant Time: Jan 15 00:07:00 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 14 23:27:58 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 29598    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.93 | 136  | 119899   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.07 | 164  | 64077    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.82 | 188  | 107785   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.31 | 240  | 105508   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.00 | 264  | 93143    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.10  | 112 | 239950 | 133.29 | ng | 0.01 |
| 7) Phenol-d6             | 7.42  | 99  | 296421 | 130.53 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.32  | 82  | 185350 | 85.64  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.72 | 330 | 68728  | 132.14 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.59 | 172 | 377904 | 89.75  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.04 | 244 | 377217 | 82.31  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.34  | 88  | 25209  | 32.70 | ng | 98     |
| 3) Pyridine                    | 1.83  | 79  | 75395  | 37.80 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 1.78  | 42  | 38225  | 38.69 | ng | # 92   |
| 6) Aniline                     | 7.32  | 93  | 28680  | 9.13  | ng | 95     |
| 8) 2-Chlorophenol              | 7.56  | 128 | 78808  | 37.97 | ng | 99     |
| 9) Benzaldehyde                | 7.03  | 77  | 31472  | 22.28 | ng | 91     |
| 10) Phenol                     | 7.44  | 94  | 95345  | 39.54 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 75184  | 39.85 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 7.86  | 146 | 88897  | 37.65 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 91764  | 36.65 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 87297  | 37.84 | ng | 98     |
| 15) Benzyl Alcohol             | 8.45  | 79  | 72952  | 39.70 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.80  | 45  | 97673  | 38.51 | ng | 93     |
| 17) 2-Methylphenol             | 8.79  | 107 | 63969  | 37.72 | ng | 97     |
| 18) Hexachloroethane           | 9.12  | 117 | 34078  | 39.13 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 9.08  | 70  | 58506  | 36.80 | ng | 97     |
| 20) 3+4-Methylphenols          | 9.18  | 107 | 82654  | 36.81 | ng | 93     |
| 22) Acetophenone               | 9.01  | 105 | 121058 | 41.22 | ng | 97     |
| 24) Nitrobenzene               | 9.36  | 77  | 87761  | 39.81 | ng | 95     |
| 25) Isophorone                 | 9.96  | 82  | 156559 | 39.72 | ng | # 93   |
| 26) 2-Nitrophenol              | 10.09 | 139 | 41653  | 36.71 | ng | # 85   |
| 27) 2,4-Dimethylphenol         | 10.37 | 122 | 70759  | 41.50 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.57 | 93  | 95635  | 42.69 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.70 | 162 | 66593  | 41.91 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 70882  | 40.16 | ng | 93     |
| 31) Naphthalene                | 10.97 | 128 | 240536 | 38.97 | ng | 98     |
| 32) Benzoic acid               | 10.71 | 122 | 36755m | 38.91 | ng |        |
| 33) 4-Chloroaniline            | 11.21 | 127 | 26747  | 10.72 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.34 | 225 | 40523  | 38.70 | ng | 96     |
| 35) Caprolactam                | 12.05 | 113 | 18288  | 39.09 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 12.52 | 107 | 72611  | 39.91 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 166938 | 39.60 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.04 | 216 | 66327  | 41.87 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 13.03 | 237 | 70697  | 85.19 | ng | 98     |

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
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 PB81310BS

Manual Integrations  
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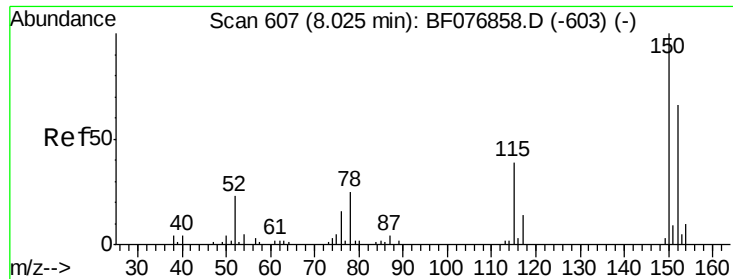
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Quant Time: Jan 15 00:07:00 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 14 23:27:58 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.39 | 196  | 44993    | 38.98 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.48 | 196  | 45028    | 38.25 | nq    | 99       |
| 45) 1,1'-Biphenyl              | 13.80 | 154  | 199850   | 42.07 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.77 | 162  | 160834   | 41.14 | nq    | 96       |
| 47) 2-Nitroaniline             | 14.11 | 65   | 49985    | 42.15 | nq    | 92       |
| 48) Acenaphthylene             | 14.72 | 152  | 254355   | 38.58 | nq    | 99       |
| 49) Dimethylphthalate          | 14.65 | 163  | 183151   | 40.30 | nq    | 96       |
| 50) 2,6-Dinitrotoluene         | 14.76 | 165  | 38251    | 42.13 | nq    | 97       |
| 51) Acenaphthene               | 15.15 | 154  | 143868   | 38.46 | nq    | 98       |
| 52) 3-Nitroaniline             | 15.10 | 138  | 18082    | 15.17 | nq    | # 77     |
| 53) 2,4-Dinitrophenol          | 15.39 | 184  | 29685    | 75.25 | nq    | 98       |
| 54) Dibenzofuran               | 15.57 | 168  | 224643   | 41.22 | nq    | 97       |
| 55) 4-Nitrophenol              | 15.68 | 139  | 52294    | 73.41 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 15.68 | 165  | 53161    | 38.82 | nq    | # 82     |
| 57) Fluorene                   | 16.28 | 166  | 184693   | 40.00 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.90 | 232  | 34130    | 39.82 | nq    | 93       |
| 59) Diethylphthalate           | 16.27 | 149  | 194337   | 42.31 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.36 | 204  | 78512    | 41.56 | nq    | 97       |
| 61) 4-Nitroaniline             | 16.40 | 138  | 38775    | 33.74 | nq    | 97       |
| 62) Azobenzene                 | 16.64 | 77   | 192902   | 40.31 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 16.47 | 198  | 24456    | 34.96 | nq    | # 63     |
| 65) n-Nitrosodiphenylamine     | 16.60 | 169  | 151125   | 39.32 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 17.19 | 248  | 45277    | 41.46 | nq    | 97       |
| 67) Hexachlorobenzene          | 17.21 | 284  | 46212    | 40.16 | nq    | 96       |
| 68) Atrazine                   | 17.56 | 200  | 56685    | 48.60 | nq    | 96       |
| 69) Pentachlorophenol          | 17.57 | 266  | 38419    | 75.87 | nq    | 94       |
| 70) Phenanthrene               | 17.85 | 178  | 258480   | 38.45 | nq    | 99       |
| 71) Anthracene                 | 17.92 | 178  | 259168   | 39.54 | nq    | 98       |
| 72) Carbazole                  | 18.21 | 167  | 247567   | 38.94 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.79 | 149  | 316026   | 42.94 | nq    | 99       |
| 74) Fluoranthene               | 19.49 | 202  | 263693   | 38.29 | nq    | 98       |
| 76) Benzidine                  | 19.72 | 184  | 85354    | 25.28 | nq    | 98       |
| 77) Pyrene                     | 19.77 | 202  | 277575   | 38.39 | nq    | 100      |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 138522   | 42.30 | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.29 | 228  | 251281   | 37.96 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.31 | 252  | 23995    | 11.41 | nq    | 98       |
| 82) Chrysene                   | 21.34 | 228  | 237570   | 39.35 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.44 | 149  | 205663   | 45.39 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 22.22 | 149  | 359476   | 45.71 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 24.14 | 276  | 250627   | 39.17 | nq    | # 84     |
| 87) Benzo(b)fluoranthene       | 22.56 | 252  | 255562   | 40.74 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 22.60 | 252  | 212830m  | 38.83 | nq    |          |
| 89) Benzo(a)pyrene             | 22.93 | 252  | 225460   | 40.74 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 24.16 | 278  | 209650   | 41.29 | nq    | # 93     |
| 91) Benzo(g,h,i)perylene       | 24.44 | 276  | 202473   | 40.11 | nq    | # 93     |

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





#1

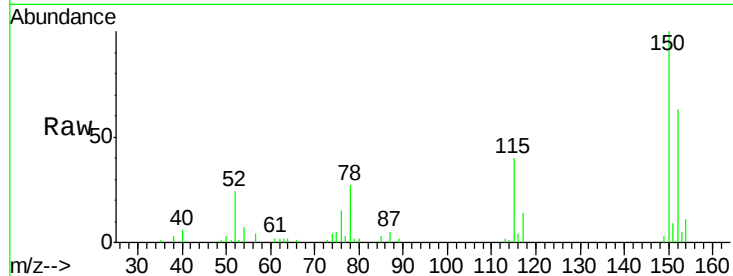
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.02 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

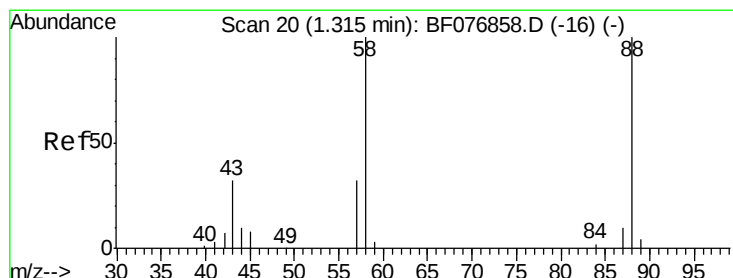
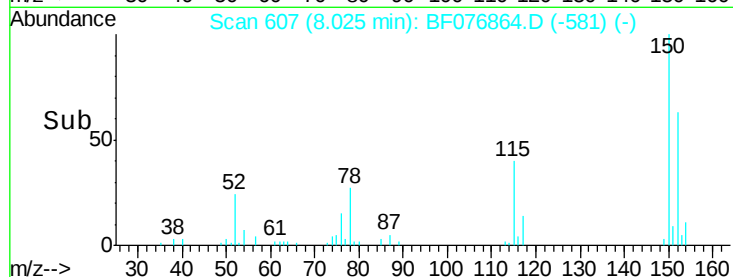
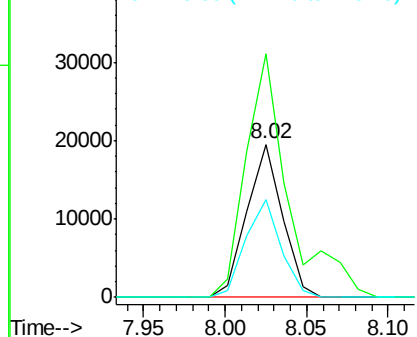
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.9 | 121.7 | 182.5 |
| 115     | 63.9  | 47.0  | 70.6  |

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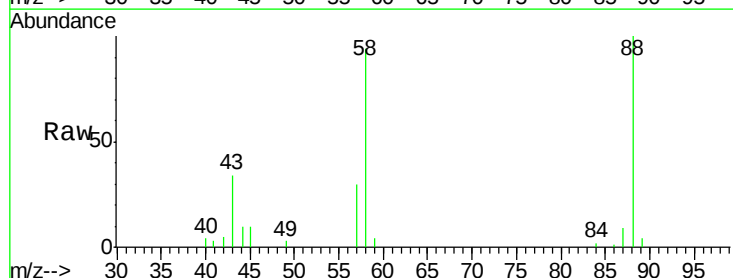
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



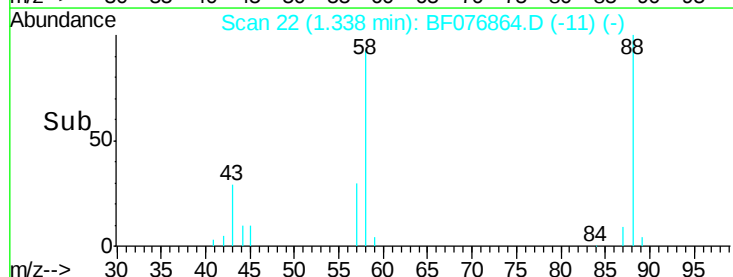
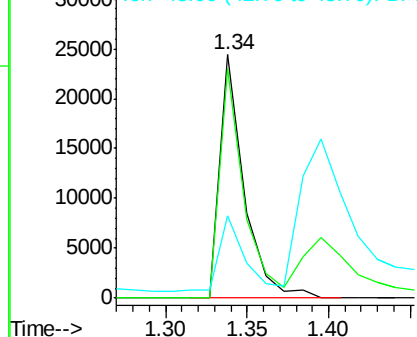
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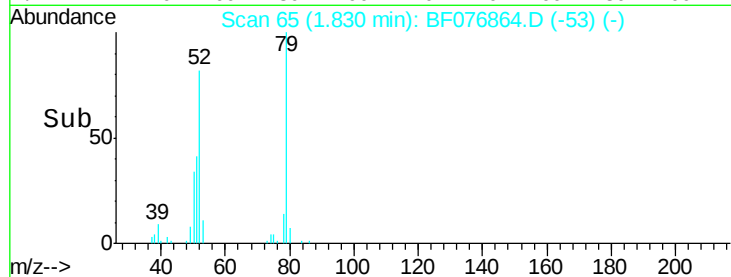
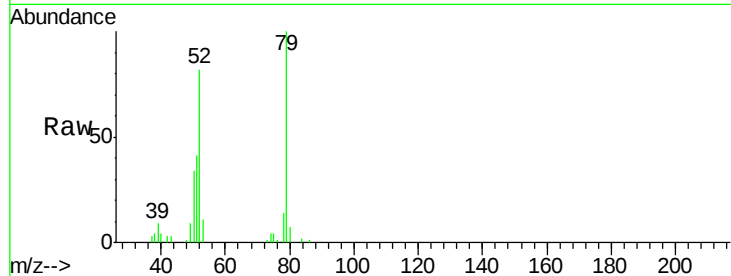
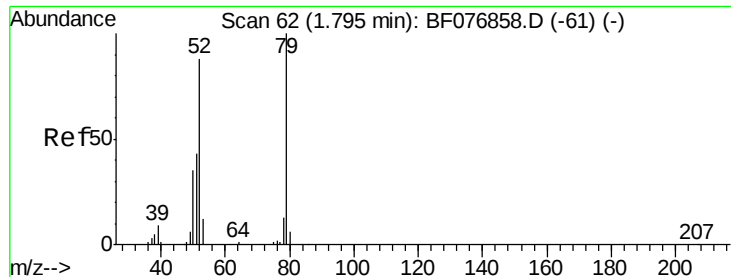
1,4-Dioxane  
Concen: 32.70 ng  
RT: 1.34 min Scan# 22  
Delta R.T. 0.02 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 93.7  | 77.0  | 115.4 |
| 43      | 32.7  | 25.6  | 38.4  |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





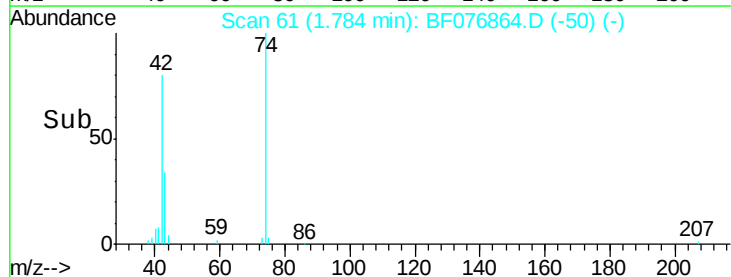
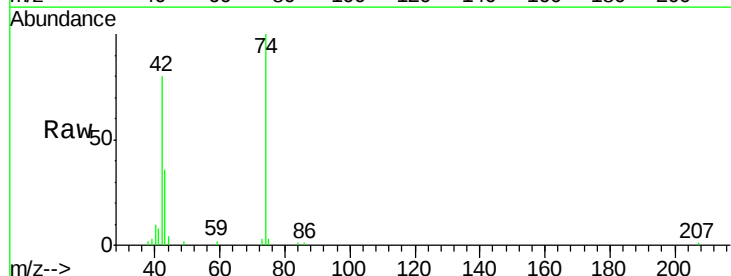
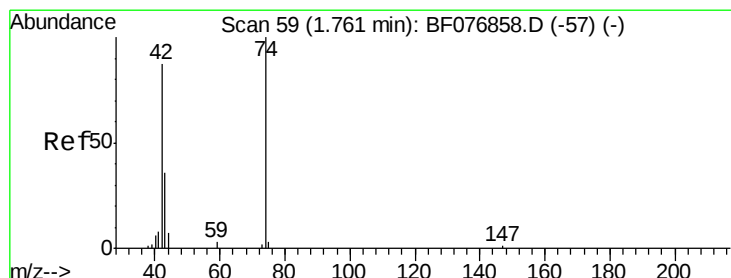
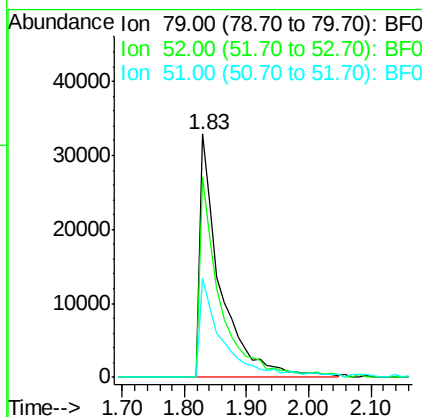
#3  
 Pvridine  
 Concen: 37.80 ng  
 RT: 1.83 min Scan# 65  
 Delta R.T. 0.03 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tot Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 79      | 79  | 100   | 75395 |       |       |
| 52      | 52  | 82.0  |       | 70.1  | 105.1 |
| 51      | 51  | 40.7  |       | 35.1  | 52.7  |

Instrument :  
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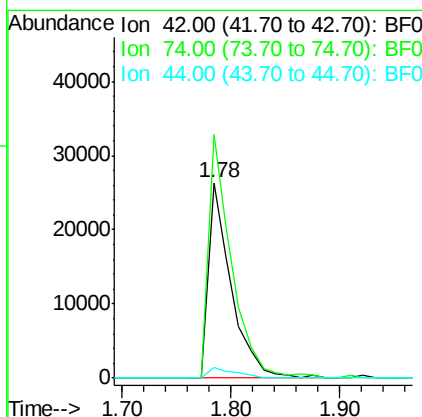
Manual Integrations  
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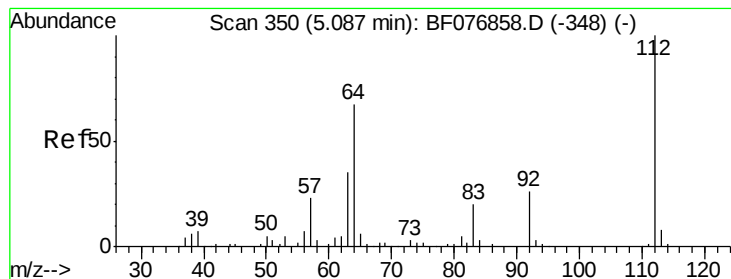
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#4  
 n-Nitrosodimethylamine  
 Concen: 38.69 ng  
 RT: 1.78 min Scan# 61  
 Delta R.T. 0.02 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 42      | 42  | 100   | 38225 |       |       |
| 74      | 74  | 124.8 |       | 92.4  | 138.6 |
| 44      | 44  | 5.6   |       | 6.2   | 9.2#  |





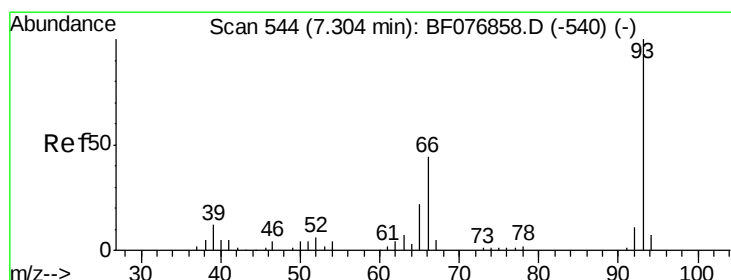
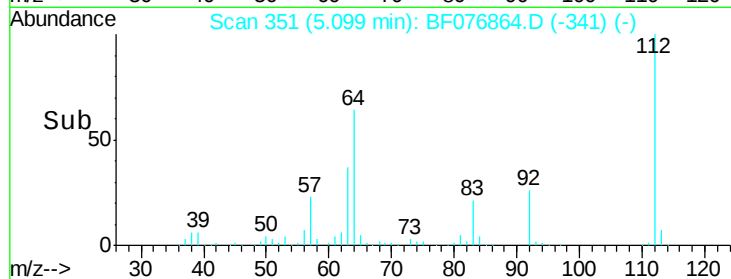
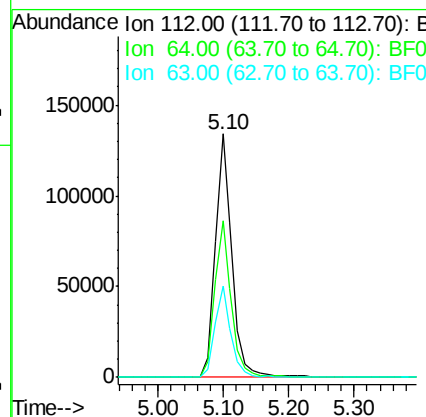
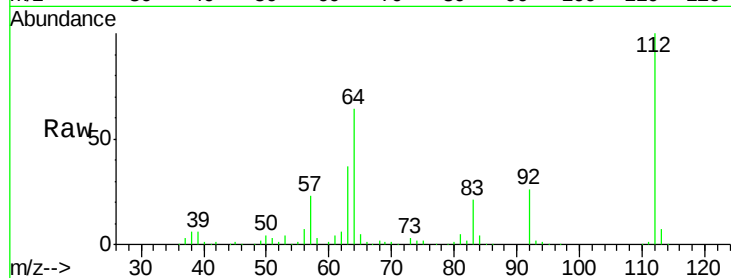
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2-Fluorophenol  
Concen: 133.29 ng  
RT: 5.10 min Scan# 351  
Delta R.T. 0.01 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 239950 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 64.4  | 54.2  | 81.4   |
| 63        | 37.5  | 28.4  | 42.6   |

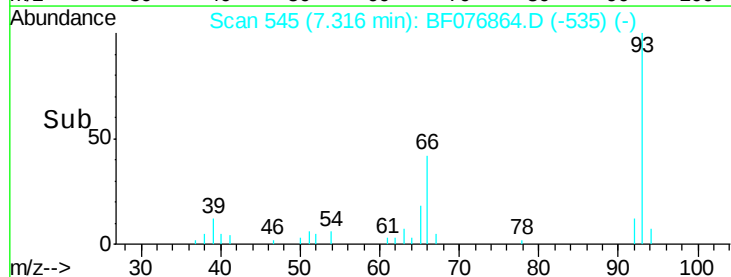
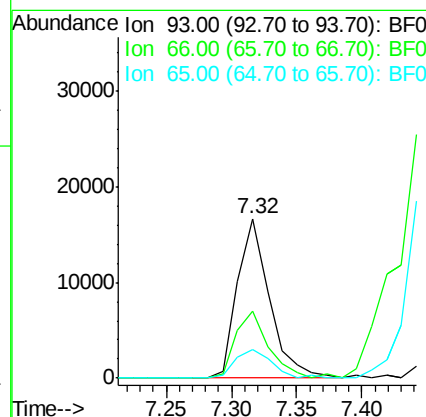
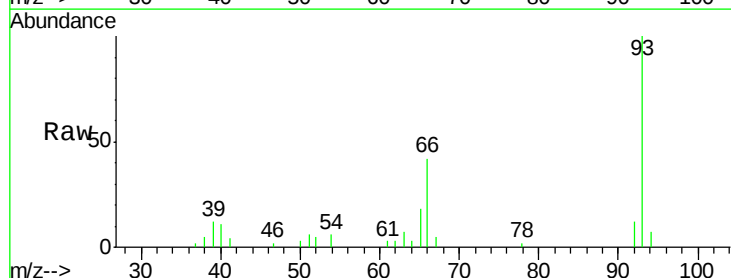
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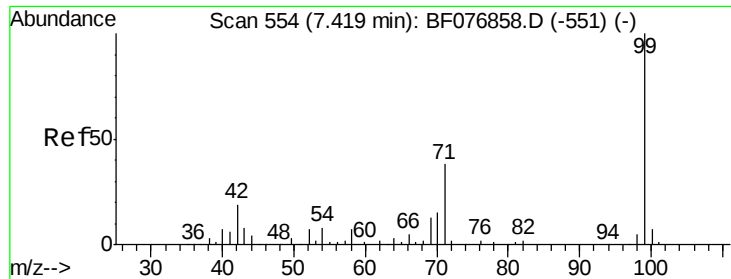
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#6  
Aniline  
Concen: 9.13 ng  
RT: 7.32 min Scan# 545  
Delta R.T. 0.01 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 28680 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 41.9  | 35.0  | 52.4  |
| 65        | 18.1  | 17.7  | 26.5  |





#7

Phenol-d6

Concen: 130.53 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA\_F

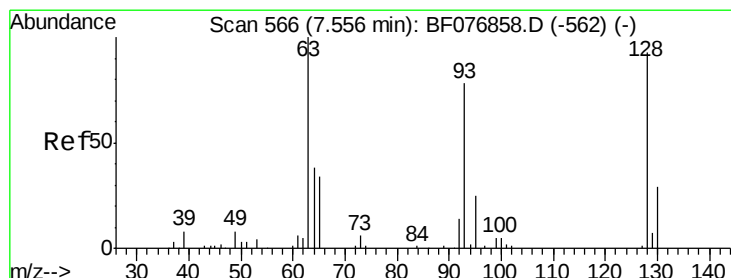
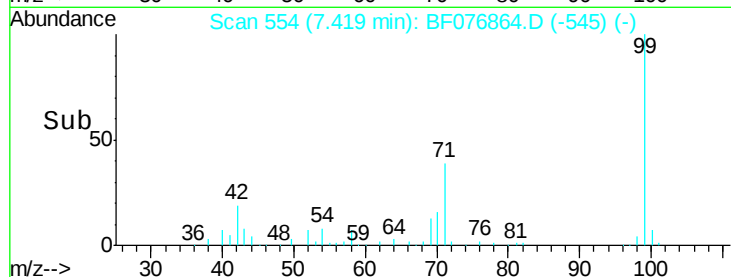
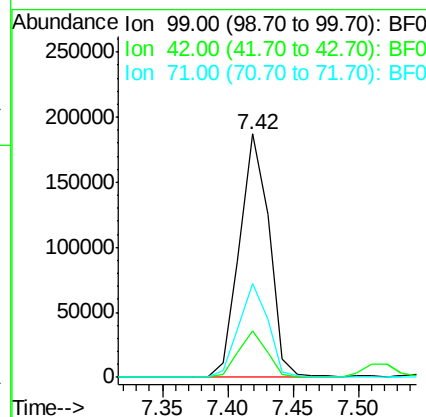
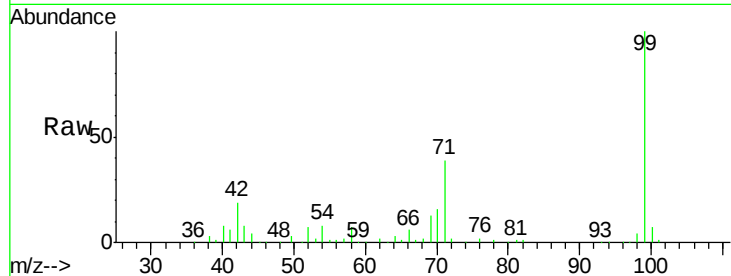
ClientSampleId :

PB81310BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 296421 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.9  | 15.0  | 22.4   |
| 71        | 38.6  | 30.5  | 45.7   |

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#8

2-Chlorophenol

Concen: 37.97 ng

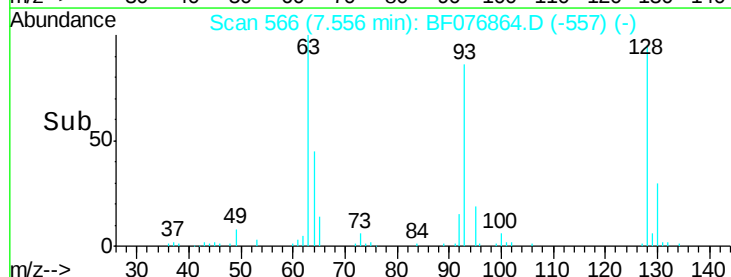
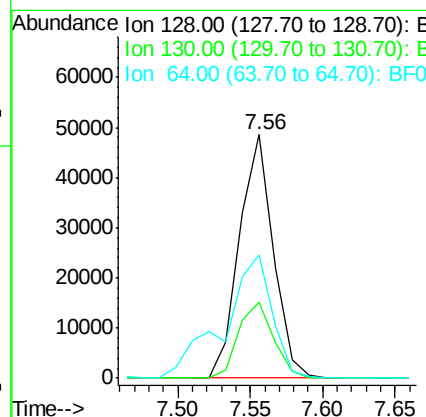
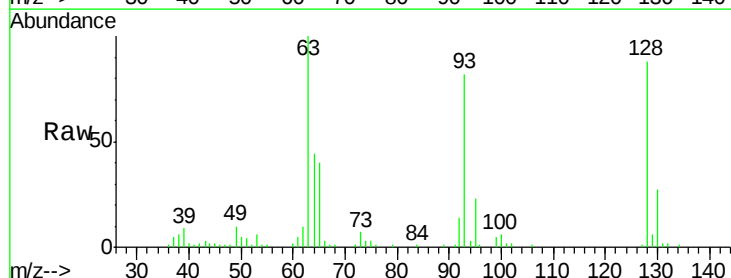
RT: 7.56 min Scan# 566

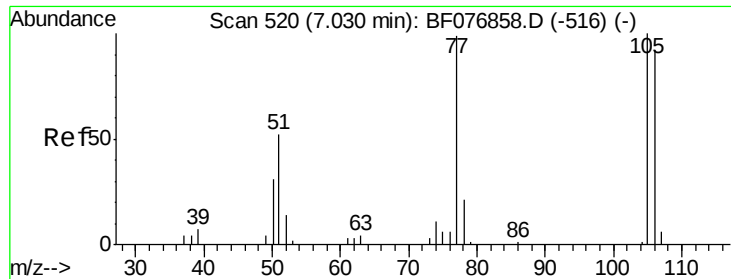
Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 78808 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 31.2  | 11.0  | 51.0  |
| 64        | 50.4  | 29.3  | 69.3  |





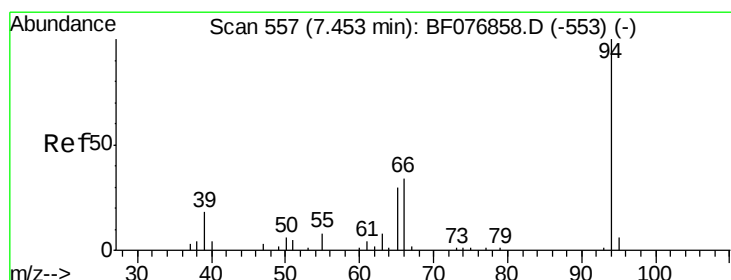
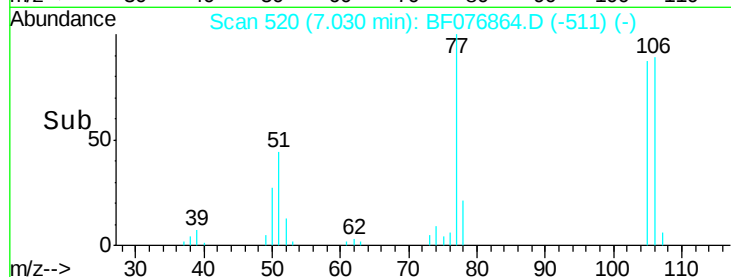
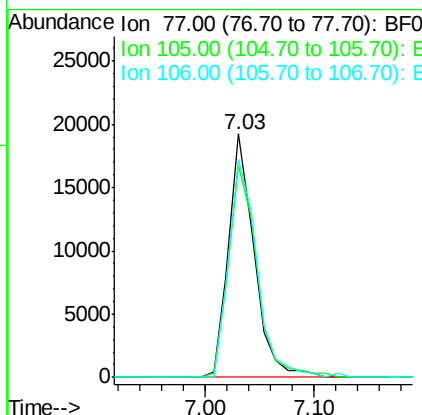
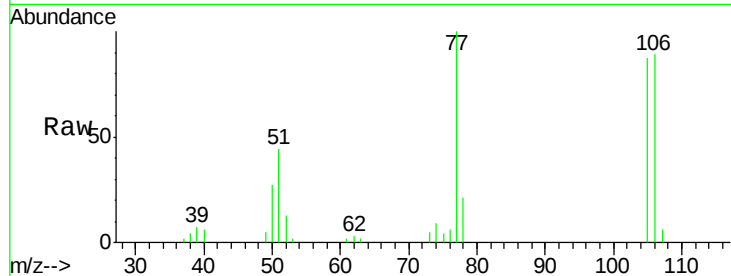
#9  
Benzaldehyde  
Concen: 22.28 ng  
RT: 7.03 min Scan# 520  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleID :  
PB81310BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 87.1  | 81.4  | 121.4 |
| 106     | 89.3  | 72.8  | 112.8 |

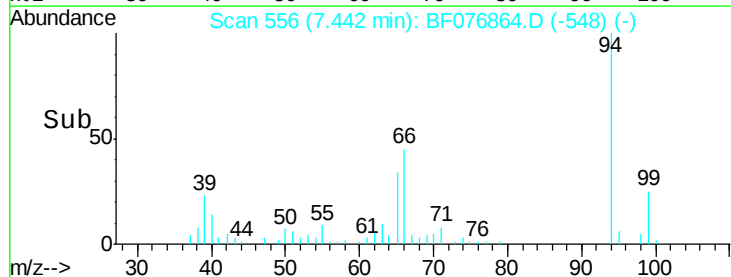
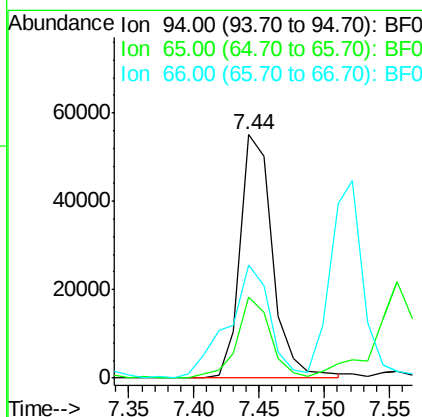
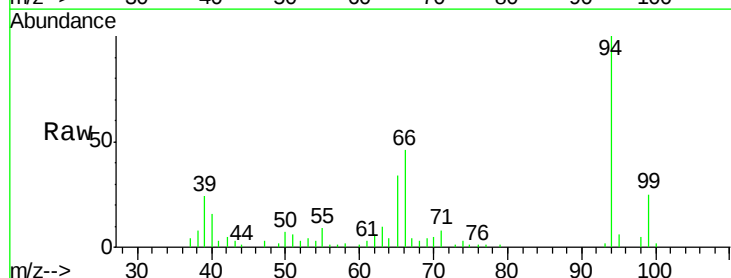
Manual Integrations  
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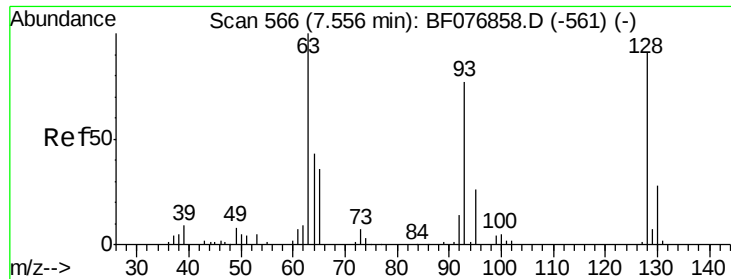
tejaskumar  
1/15/2015 2:28:20 PM



#10  
Phenol  
Concen: 39.54 ng  
RT: 7.44 min Scan# 556  
Delta R.T. -0.01 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 33.5  | 11.3  | 51.3  |
| 66      | 46.2  | 19.5  | 59.5  |





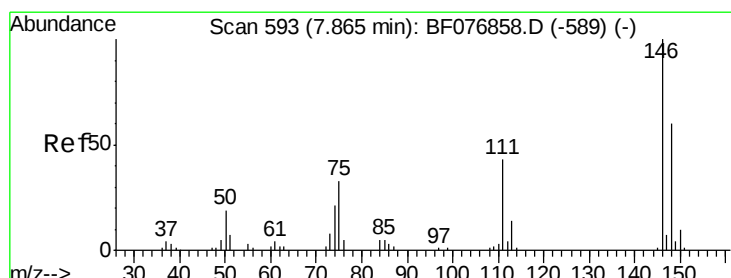
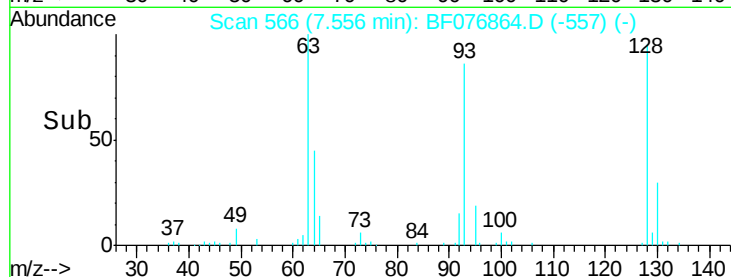
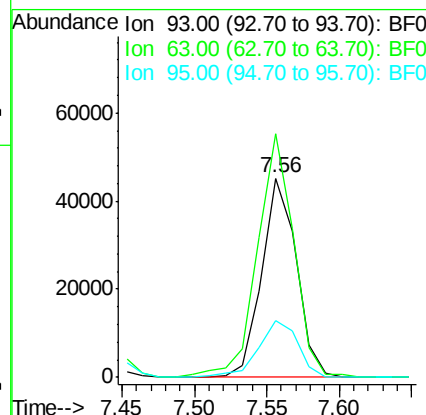
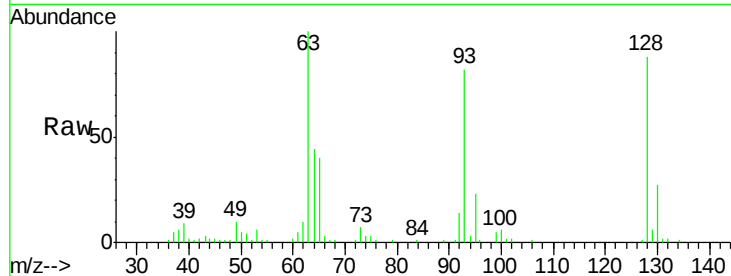
#11  
bis(2-Chloroethyl)ether  
Concen: 39.85 ng  
RT: 7.56 min Scan# 566  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 93      | 100   |       | 75184 |       |       |
| 63      | 122.1 | 111.3 | 151.3 |       |       |
| 95      | 28.6  | 13.8  | 53.8  |       |       |

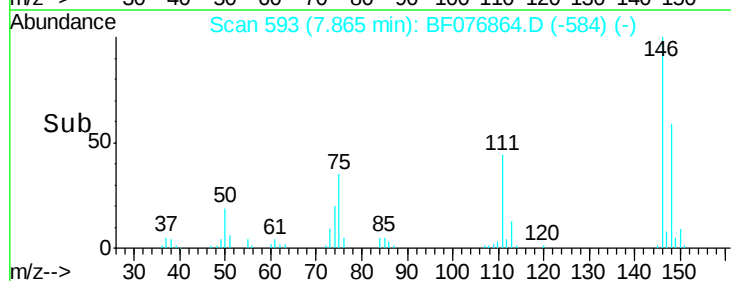
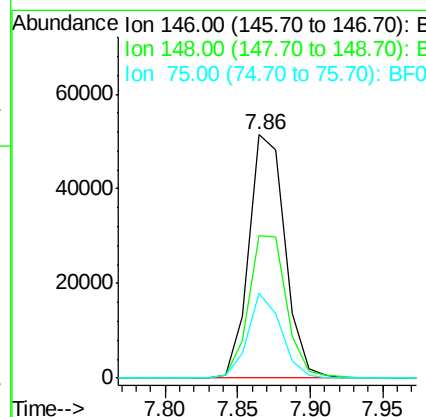
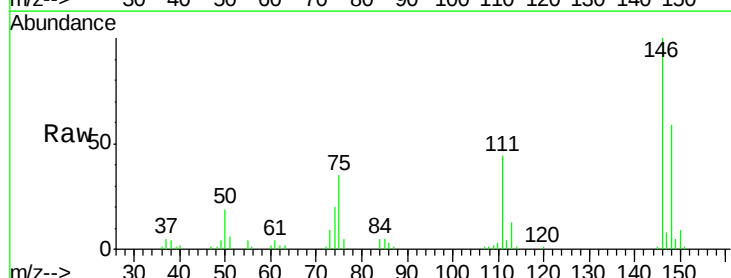
Manual Integrations  
APPROVED

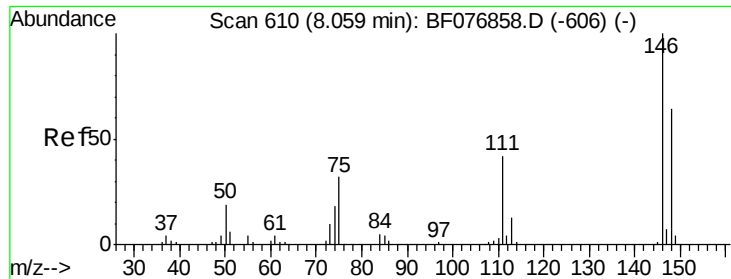
tejaskumar  
1/15/2015 2:28:20 PM



#12  
1,3-Dichlorobenzene  
Concen: 37.65 ng  
RT: 7.86 min Scan# 593  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 146     | 100  |       | 88897 |       |       |
| 148     | 58.6 | 48.1  | 72.1  |       |       |
| 75      | 34.6 | 26.8  | 40.2  |       |       |





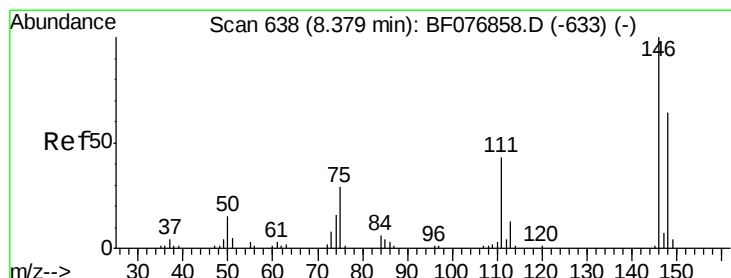
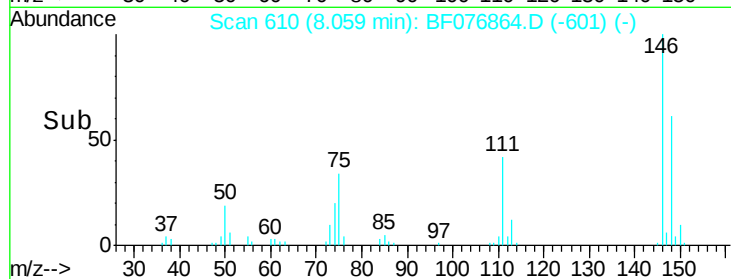
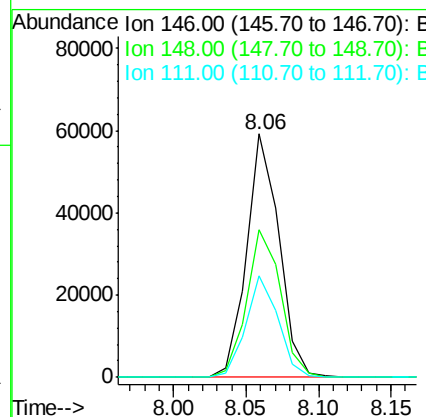
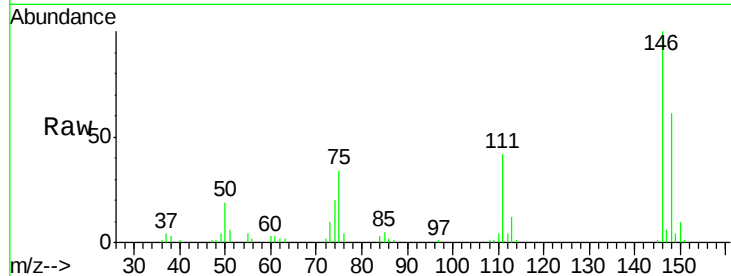
#13  
 1,4-Dichlorobenzene  
 Concen: 36.65 ng  
 RT: 8.06 min Scan# 610  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.7  | 51.5  | 77.3  |
| 111     | 41.5  | 33.9  | 50.9  |

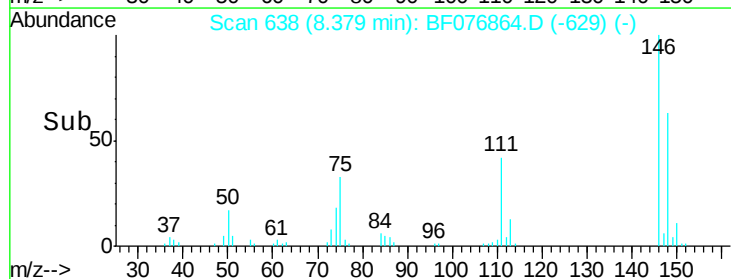
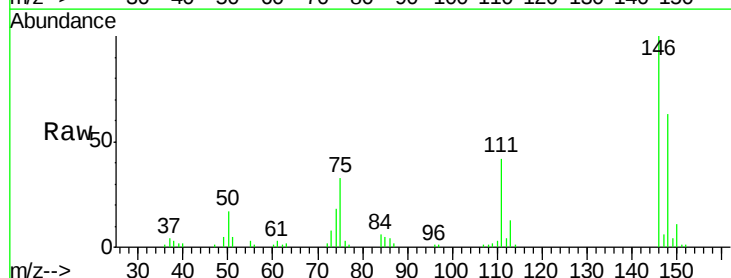
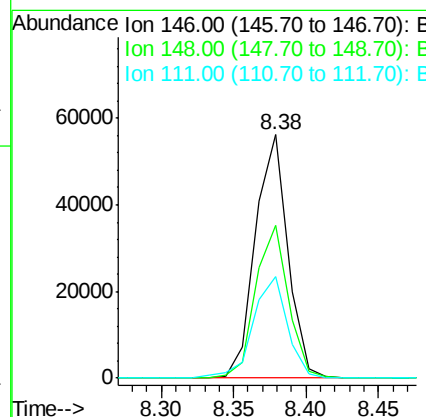
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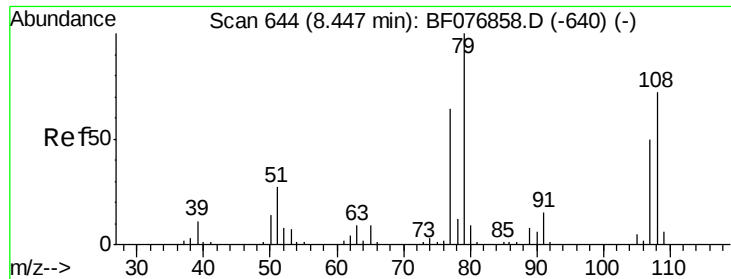
tejaskumar  
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#14  
 1,2-Dichlorobenzene  
 Concen: 37.84 ng  
 RT: 8.38 min Scan# 638  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.6  | 51.3  | 76.9  |
| 111     | 41.9  | 34.5  | 51.7  |





#15

Benzyl Alcohol

Concen: 39.70 ng

RT: 8.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA\_F

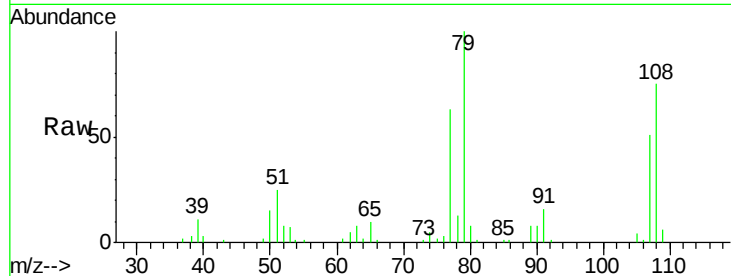
ClientSampleId :

PB81310BS

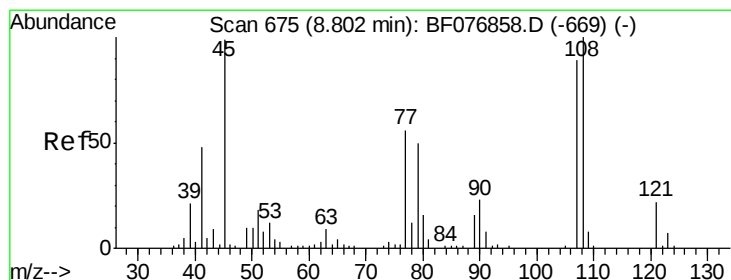
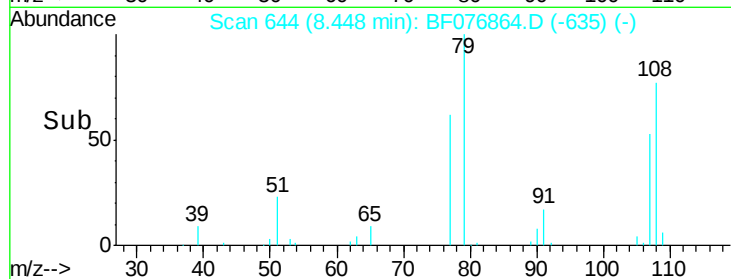
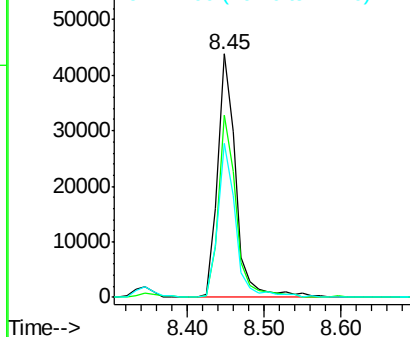
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 72952 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 75.1  | 57.2  | 85.8  |
| 77        | 63.4  | 51.2  | 76.8  |



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.51 ng

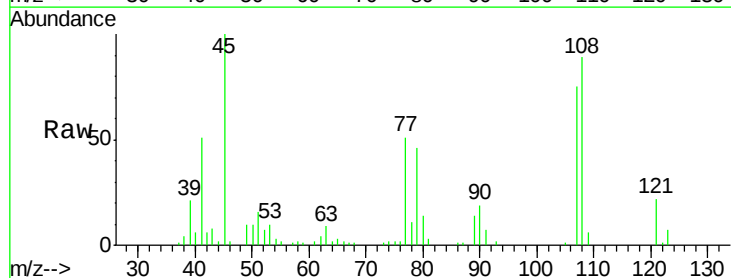
RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

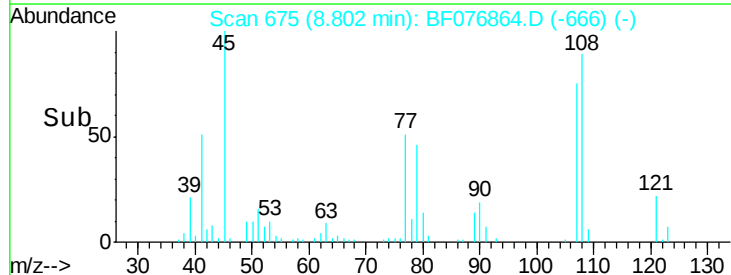
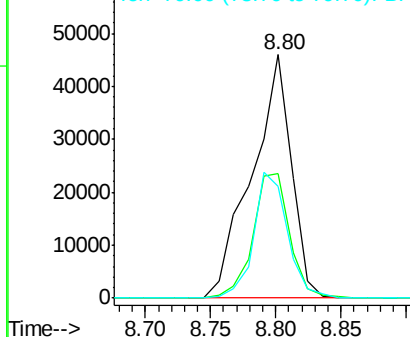
Lab File: BF076864.D

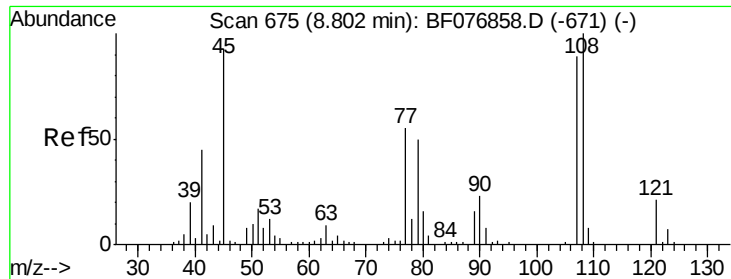
Acq: 14 Jan 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 97673 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 51.0  | 36.1  | 76.1  |
| 79        | 46.1  | 30.5  | 70.5  |



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.72 ng

RT: 8.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA\_F

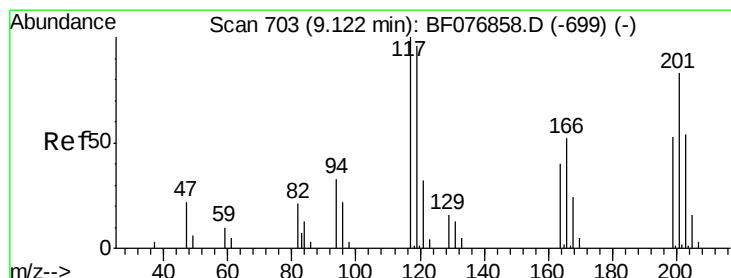
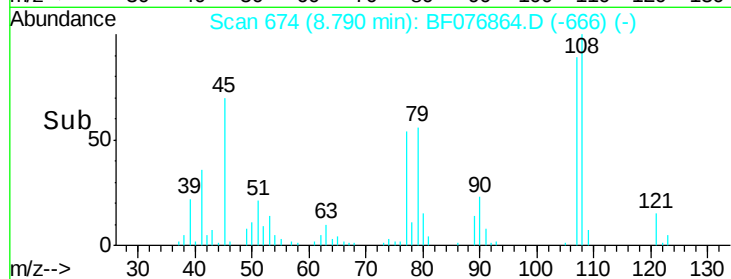
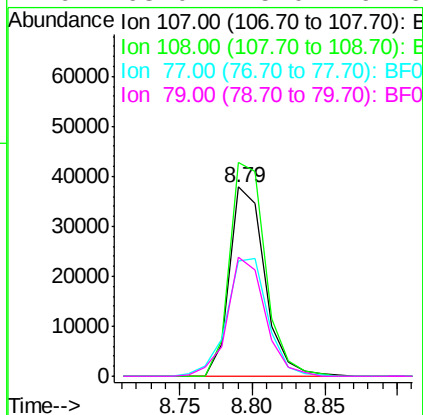
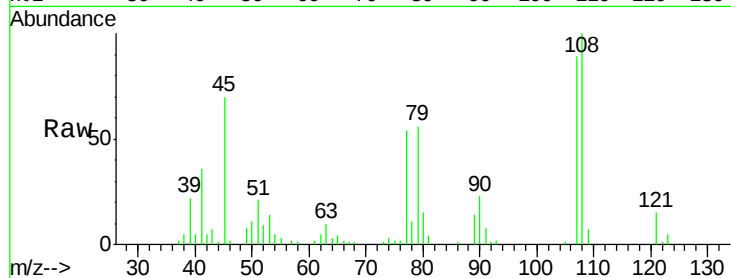
ClientSampleId :

PB81310BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 63969 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 113.0 | 89.7  | 134.5 |
| 77        | 61.1  | 50.1  | 75.1  |
| 79        | 63.0  | 45.0  | 67.6  |

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#18

Hexachloroethane

Concen: 39.13 ng

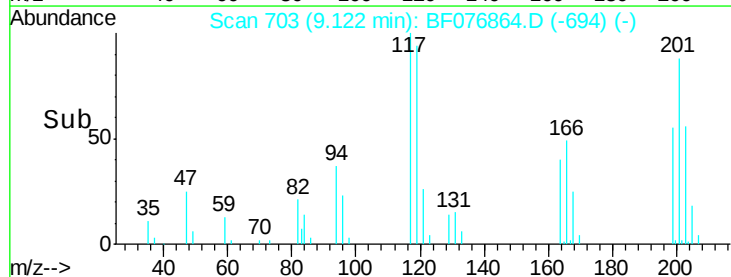
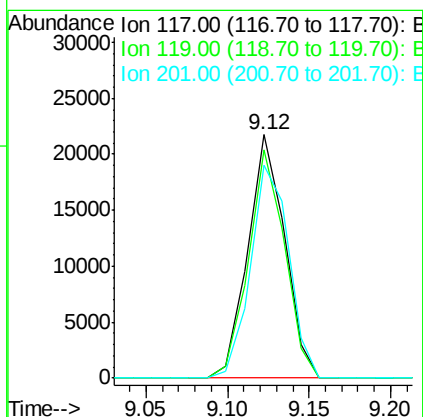
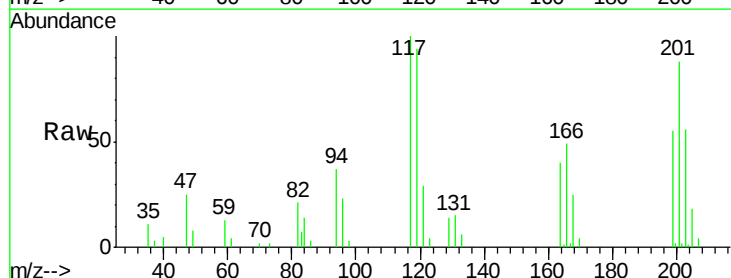
RT: 9.12 min Scan# 703

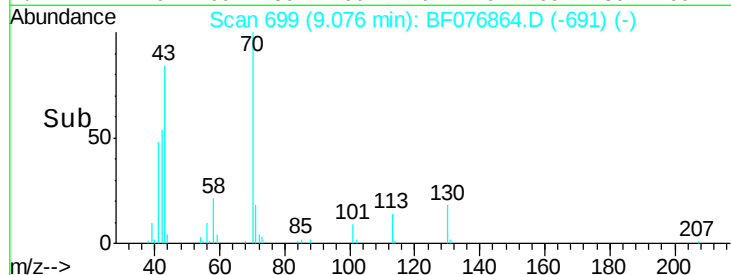
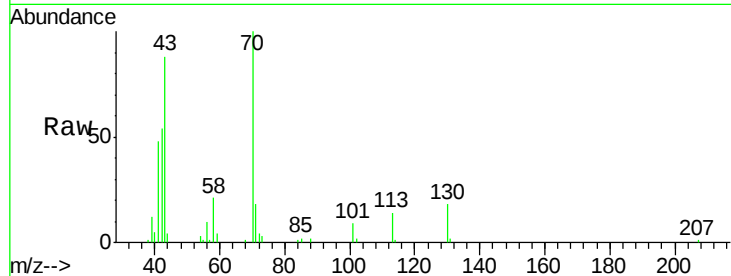
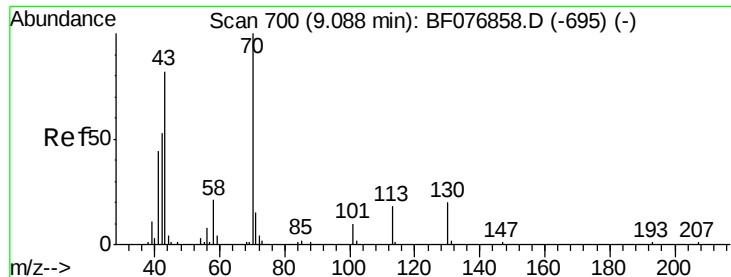
Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

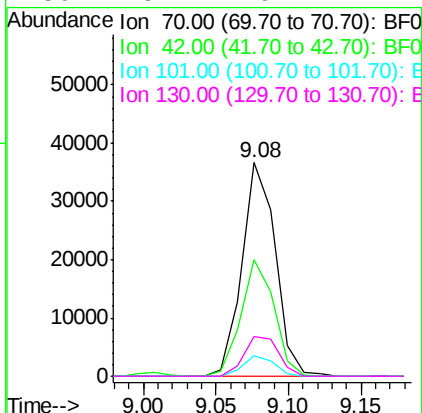
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 34078 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 93.6  | 77.1  | 115.7 |
| 201       | 87.6  | 66.8  | 100.2 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 36.80 ng  
RT: 9.08 min Scan# 699  
Delta R.T. -0.01 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

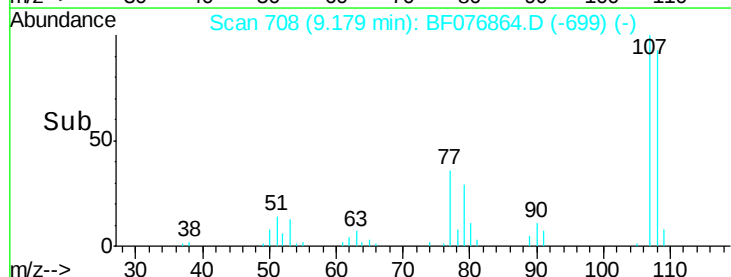
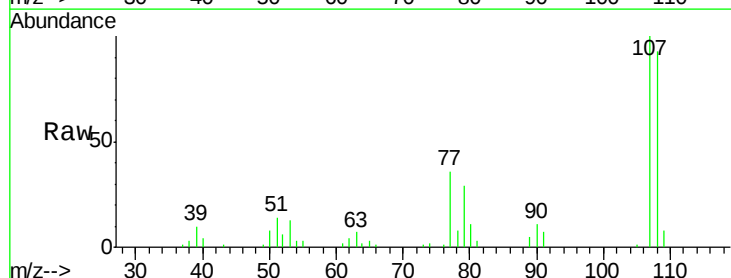
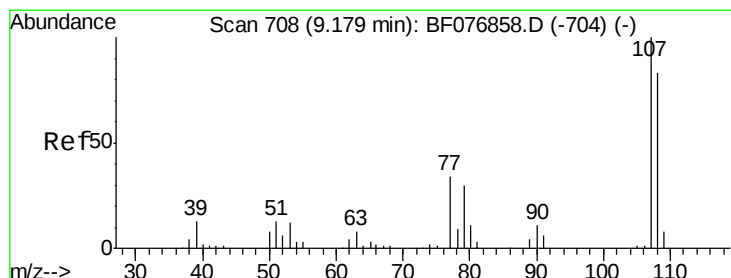
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       | 58506 |       |       |
| 42      | 54.3 | 42.1  | 63.1  |       |       |
| 101     | 9.4  | 7.8   | 11.8  |       |       |
| 130     | 18.4 | 16.2  | 24.4  |       |       |



Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

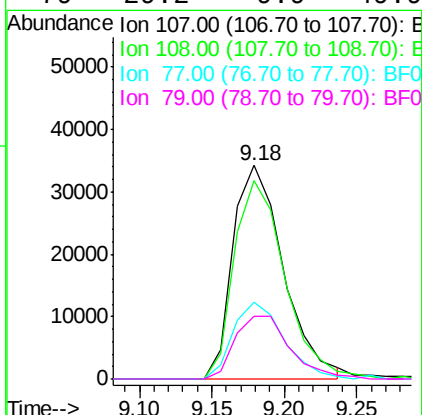
Manual Integrations  
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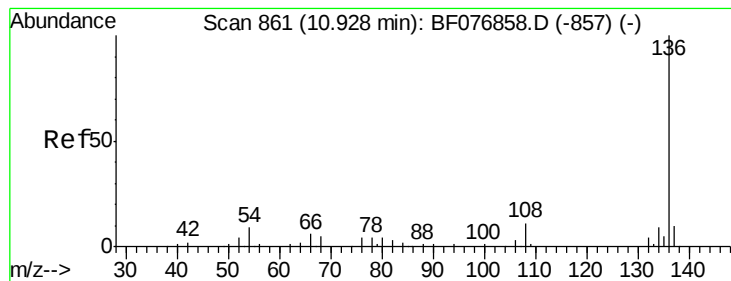
tejaskumar  
1/15/2015 2:28:20 PM



#20  
3+4-Methylphenols  
Concen: 36.81 ng  
RT: 9.18 min Scan# 708  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       | 82654 |       |       |
| 108     | 93.0 | 63.5  | 103.5 |       |       |
| 77      | 36.2 | 14.0  | 54.0  |       |       |
| 79      | 29.2 | 9.9   | 49.9  |       |       |





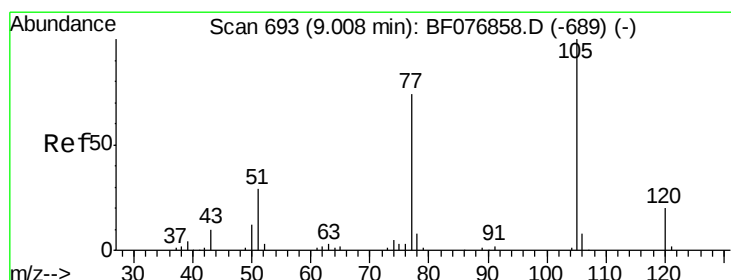
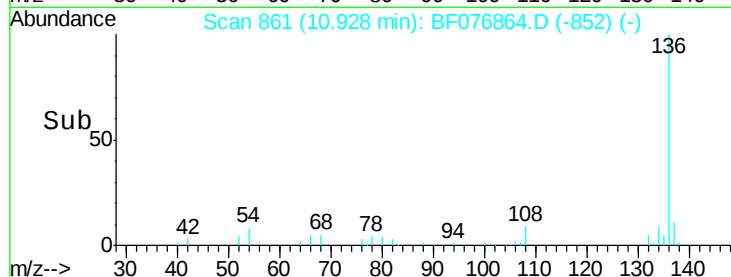
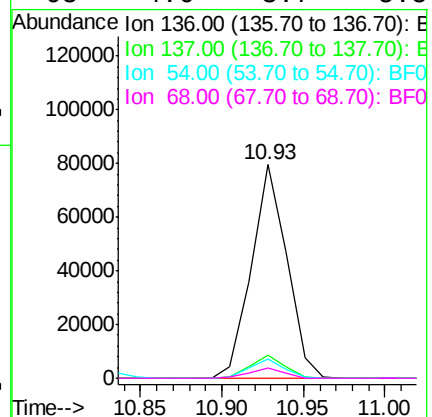
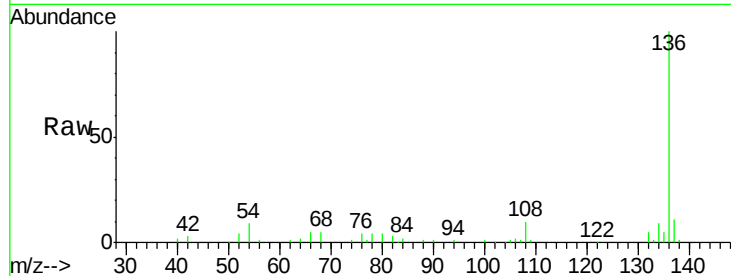
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.93 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 119899 |       |       |
| 137     | 10.7  | 8.1    | 12.1  |       |
| 54      | 8.8   | 7.0    | 10.4  |       |
| 68      | 4.6   | 3.7    | 5.5   |       |

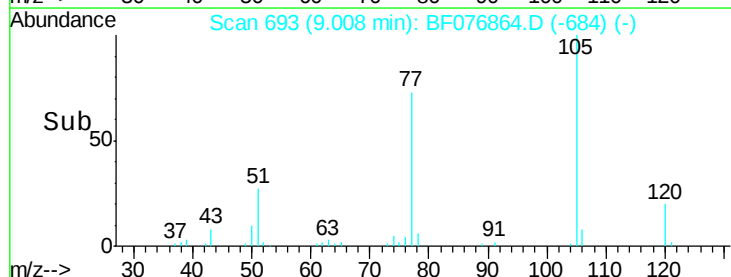
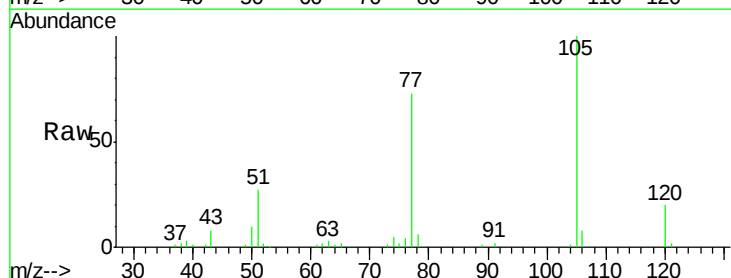
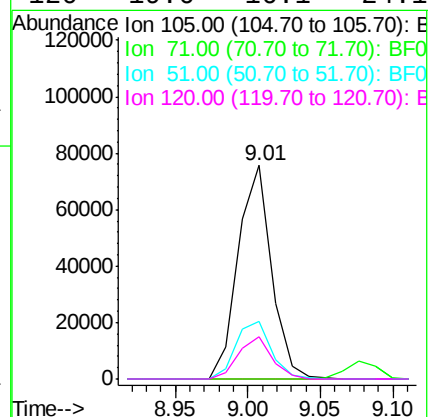
Manual Integrations  
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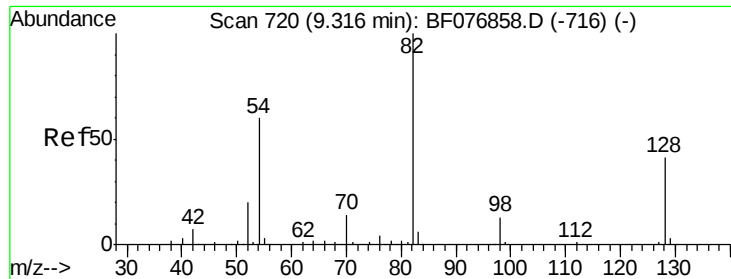
tejaskumar  
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#22  
Acetophenone  
Concen: 41.22 ng  
RT: 9.01 min Scan# 693  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 121058 |       |       |
| 71      | 0.0   | 0.0    | 0.0   |       |
| 51      | 26.7  | 23.3   | 34.9  |       |
| 120     | 19.6  | 16.1   | 24.1  |       |





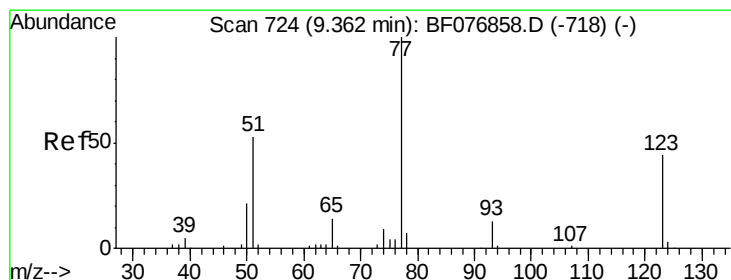
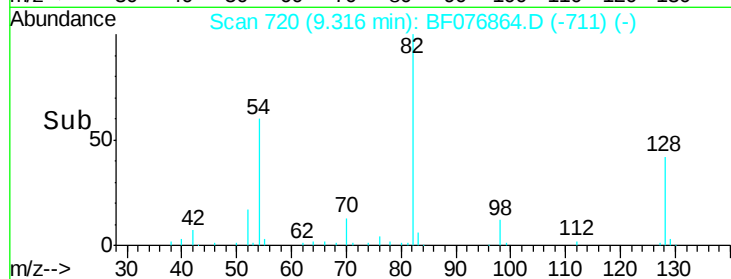
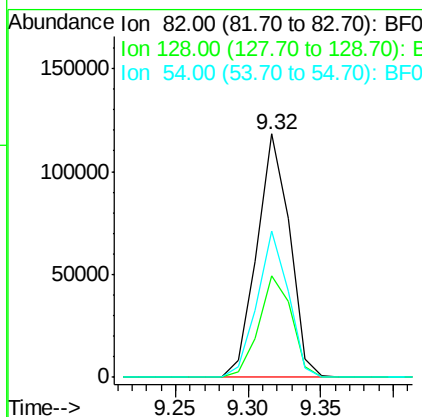
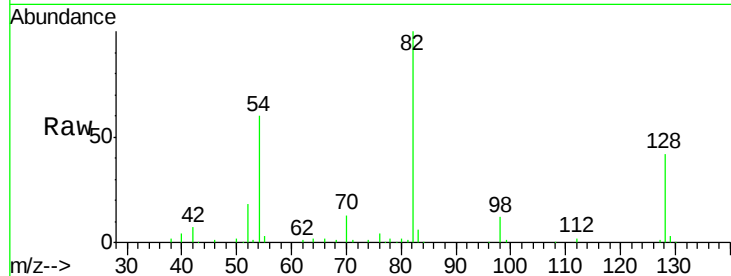
#23  
Nitrobenzene-d5  
Concen: 85.64 ng  
RT: 9.32 min Scan# 720  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 185350 |       |       |
| 128     | 41.6  | 33.1   | 49.7  |       |
| 54      | 60.4  | 48.3   | 72.5  |       |

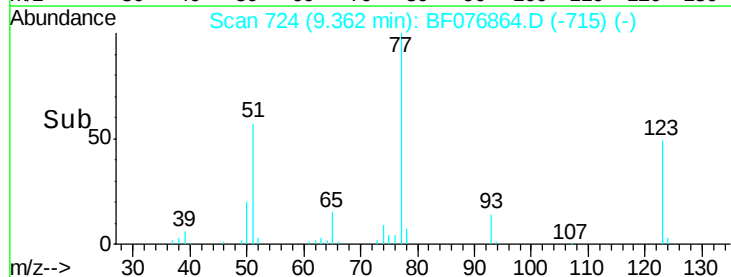
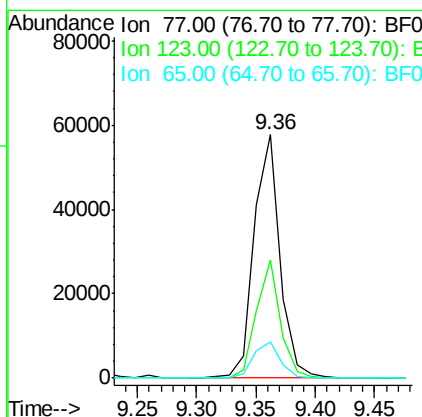
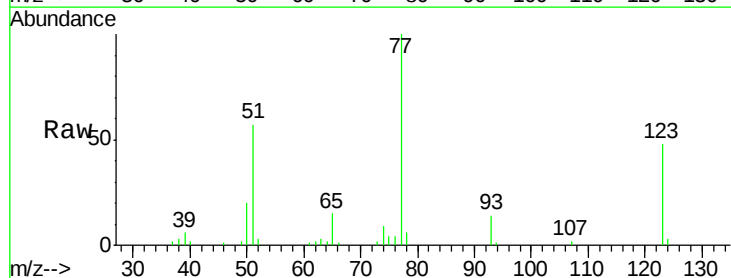
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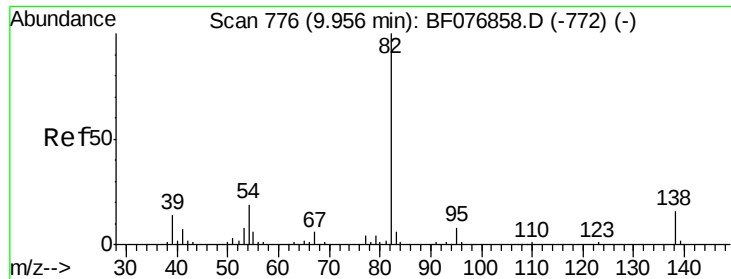
tejaskumar  
1/15/2015 2:28:20 PM



#24  
Nitrobenzene  
Concen: 39.81 ng  
RT: 9.36 min Scan# 724  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 87761 |       |       |
| 123     | 48.4  | 35.2  | 52.8  |       |
| 65      | 14.6  | 11.4  | 17.2  |       |





#25

Isophorone

Concen: 39.72 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA\_F

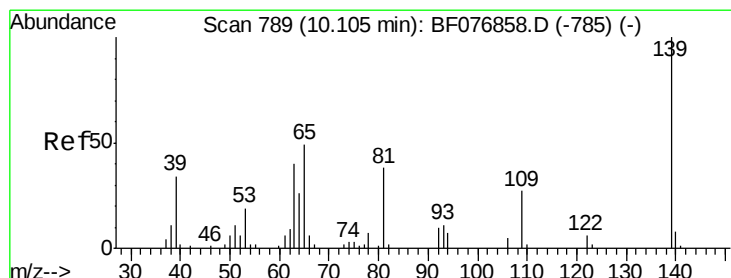
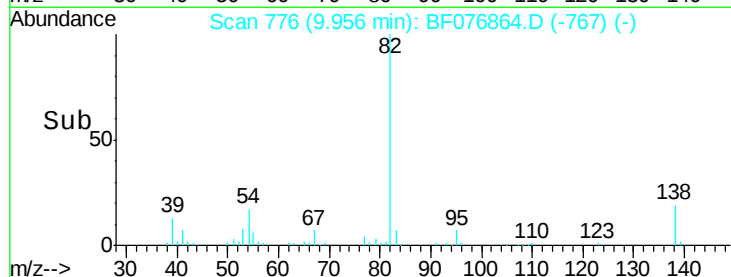
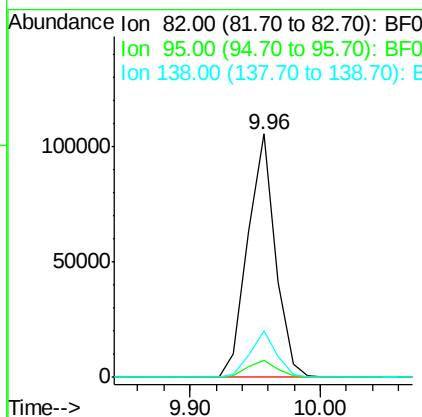
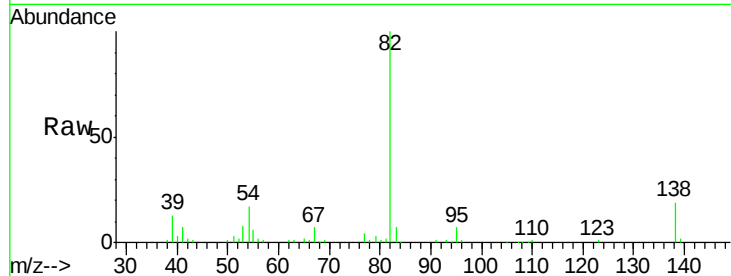
ClientSampleId :

PB81310BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 156559 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 6.6   | 10.0   |
| 138       | 19.3  | 12.6  | 18.8#  |

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#26

2-Nitrophenol

Concen: 36.71 ng

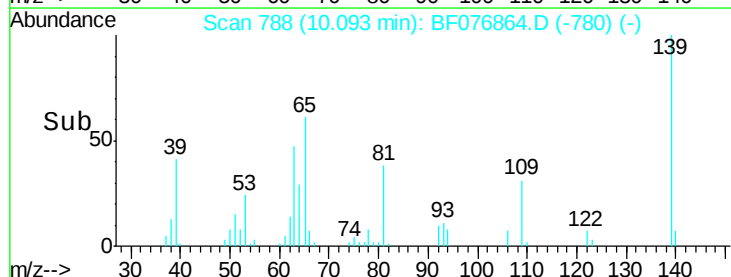
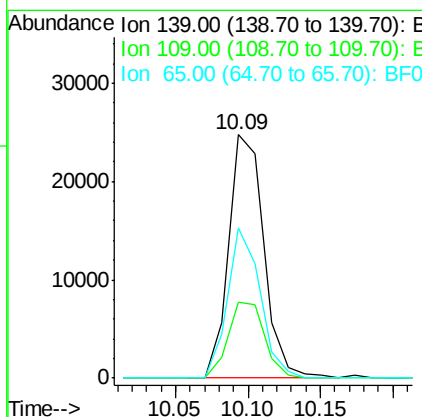
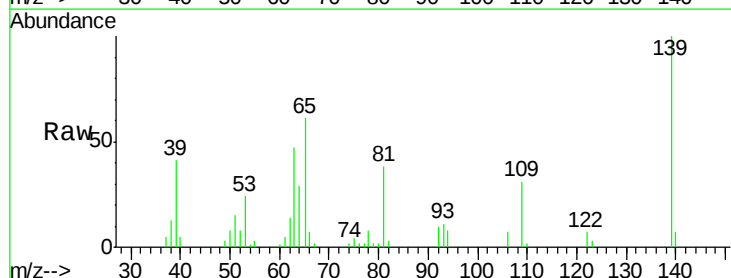
RT: 10.09 min Scan# 788

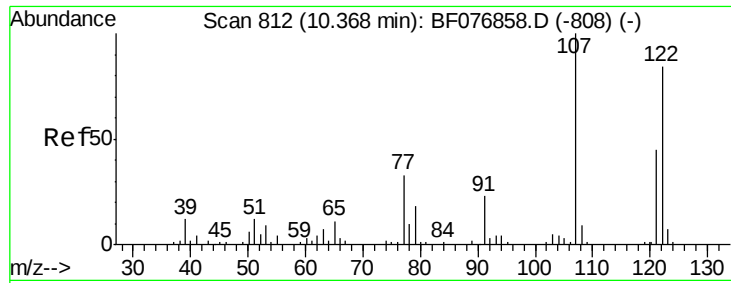
Delta R.T. -0.01 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 41653 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 31.3  | 21.3  | 31.9  |
| 65        | 61.5  | 39.4  | 59.0# |





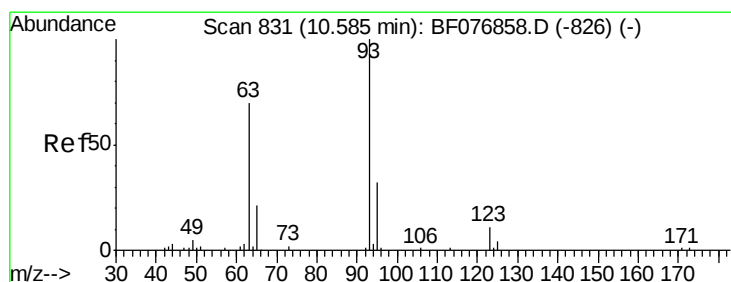
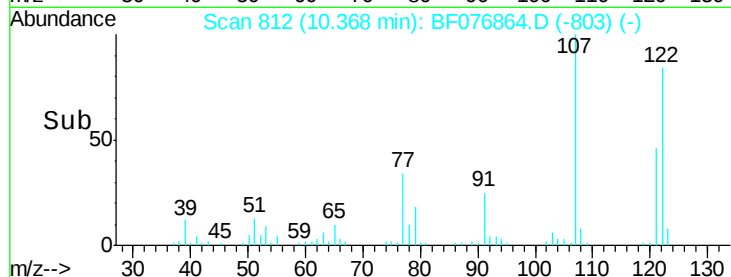
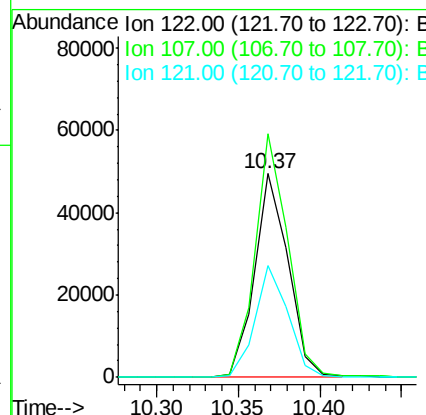
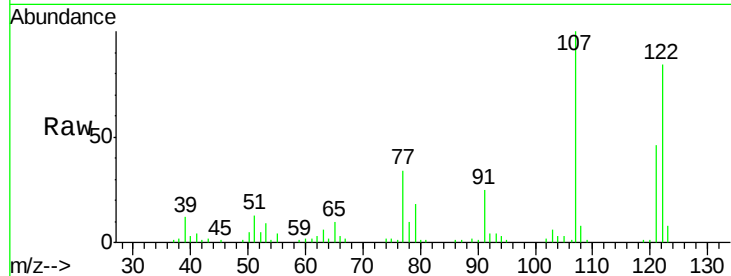
#27  
 2,4-Dimethylphenol  
 Concen: 41.50 ng  
 RT: 10.37 min Scan# 812  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.7 | 95.2  | 142.8 |
| 121     | 55.2  | 42.9  | 64.3  |

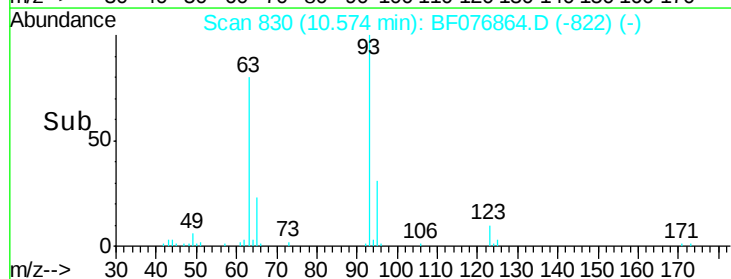
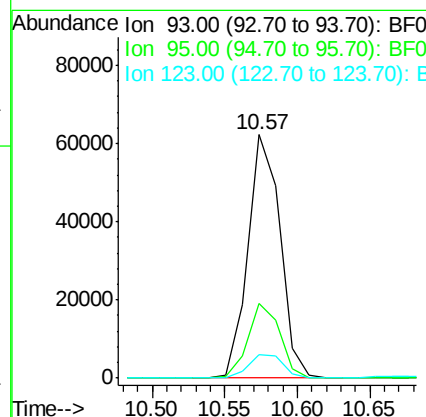
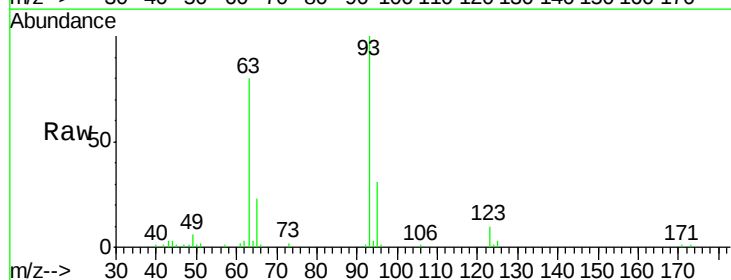
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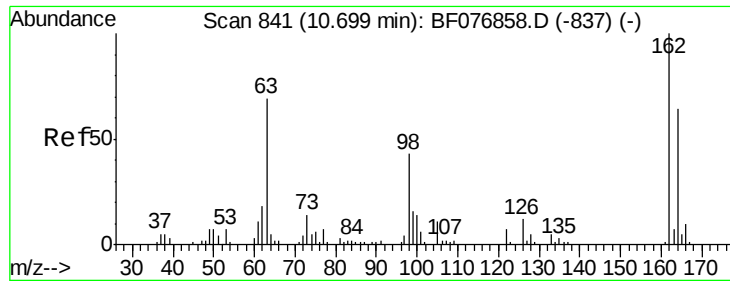
tejaskumar  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.69 ng  
 RT: 10.57 min Scan# 830  
 Delta R.T. -0.01 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.6  | 25.6  | 38.4  |
| 123     | 9.7   | 8.9   | 13.3  |





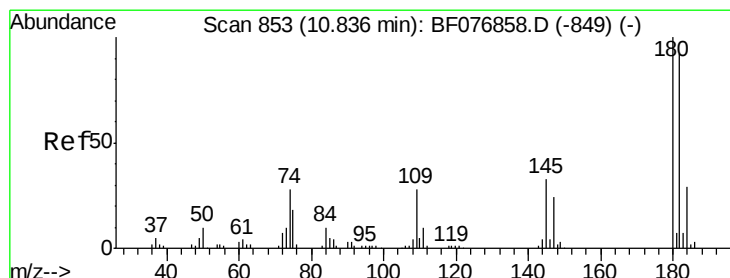
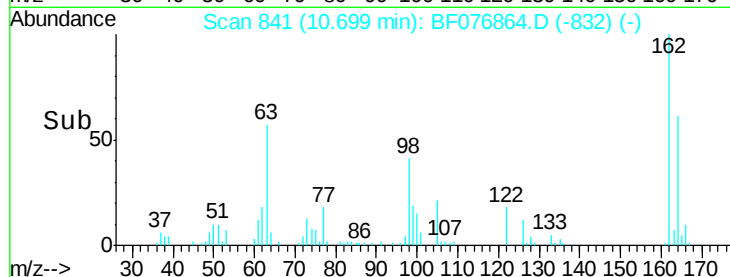
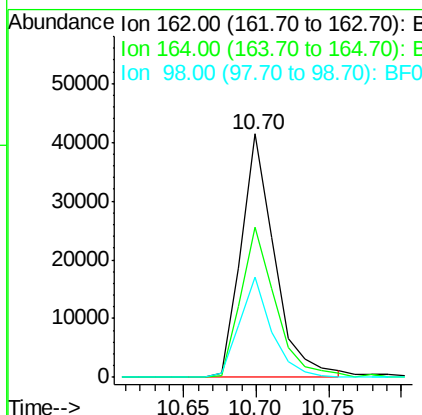
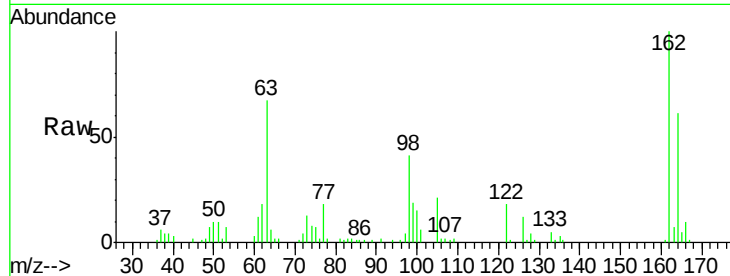
#29  
 2,4-Dichlorophenol  
 Concen: 41.91 ng  
 RT: 10.70 min Scan# 841  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB81310BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 66593 |       |       |
| 164     | 61.5  | 43.8  | 83.8  |       |
| 98      | 41.2  | 22.5  | 62.5  |       |

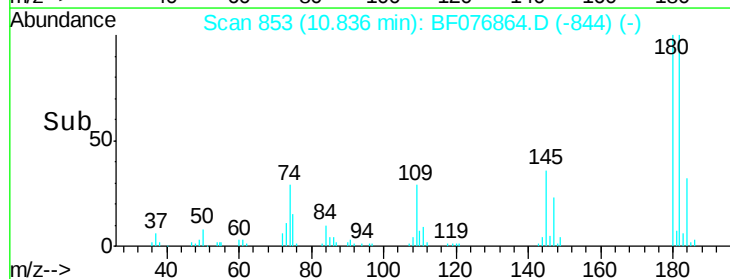
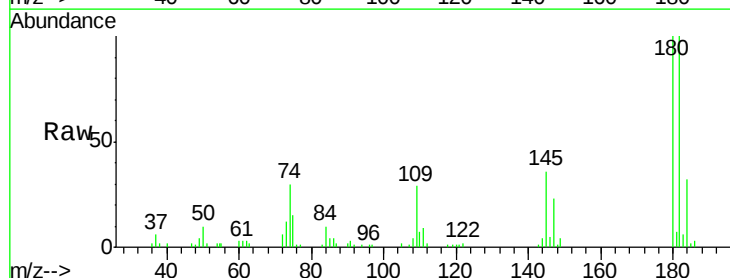
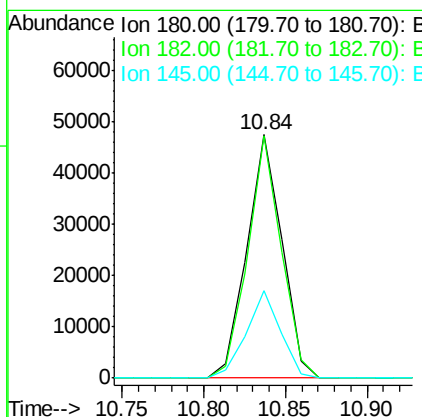
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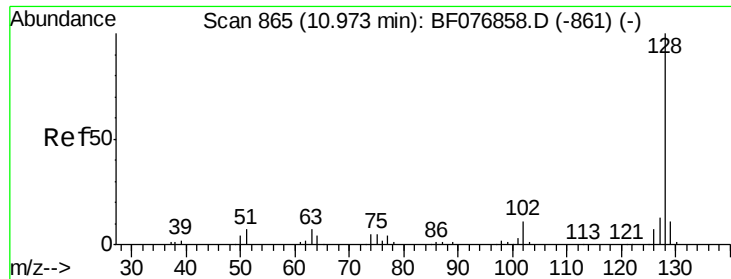
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.16 ng  
 RT: 10.84 min Scan# 853  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 70882 |       |       |
| 182     | 99.7  | 73.6  | 110.4 |       |
| 145     | 36.1  | 26.6  | 39.8  |       |





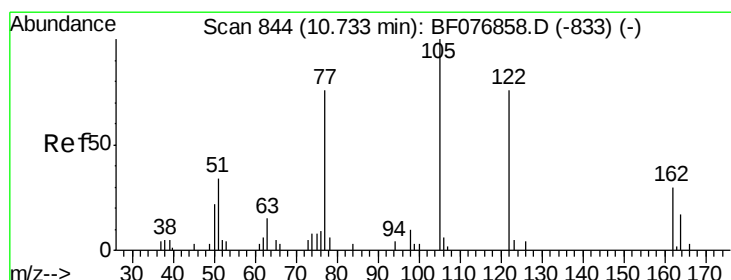
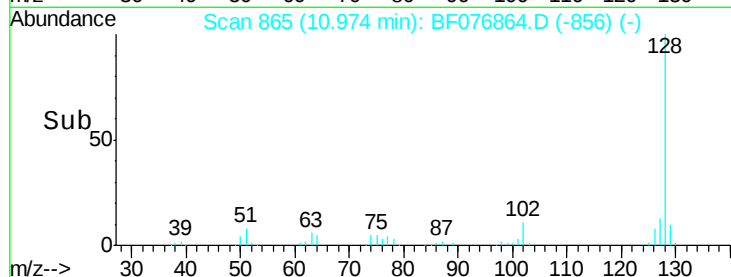
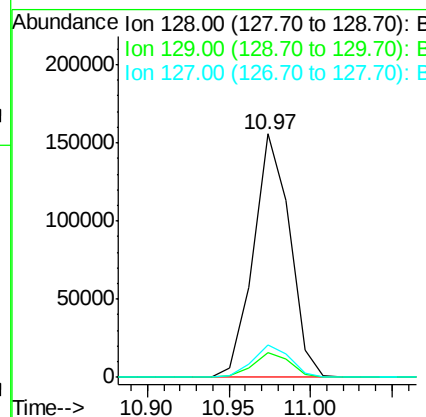
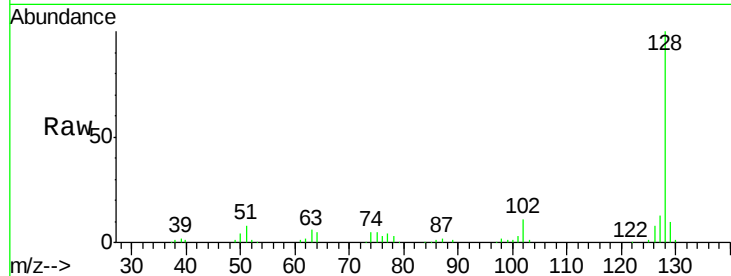
#31  
Naphthalene  
Concen: 38.97 ng  
RT: 10.97 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 240536 |       |       |
| 129     | 10.2  | 9.0    | 13.6  |       |
| 127     | 13.5  | 10.2   | 15.2  |       |

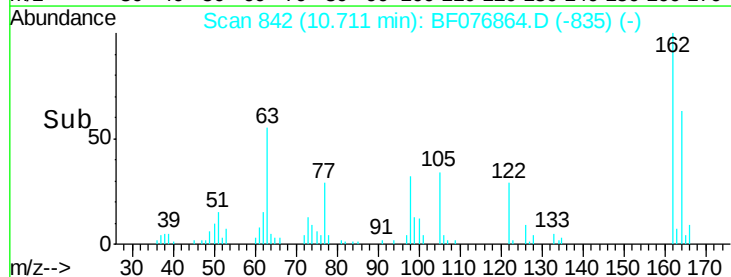
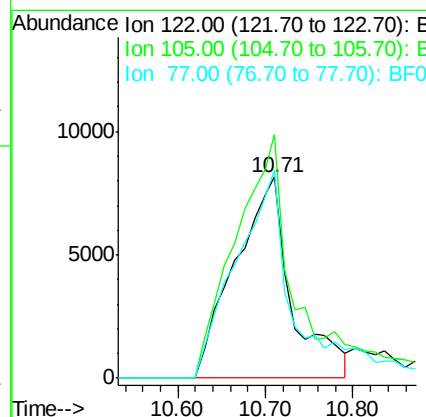
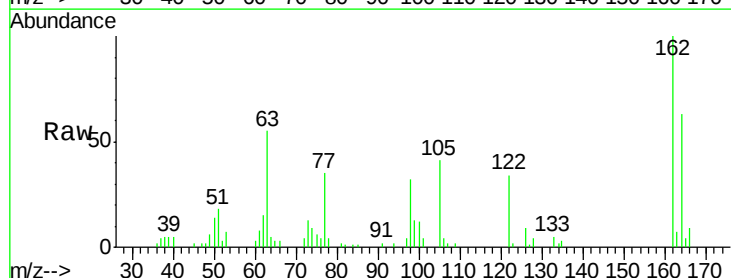
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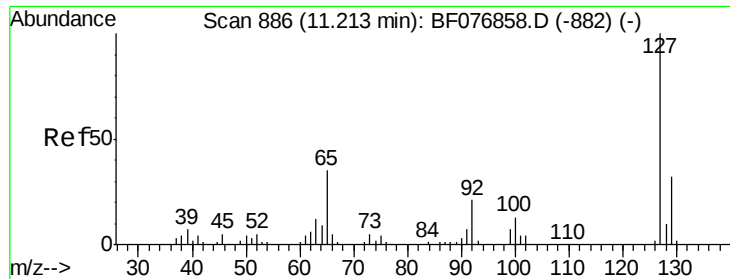
tejaskumar  
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#32  
Benzoic acid  
Concen: 38.91 ng m  
RT: 10.71 min Scan# 842  
Delta R.T. -0.02 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 36755 |       |       |
| 105     | 121.1 | 111.3 | 151.3 |       |
| 77      | 103.1 | 79.2  | 119.2 |       |





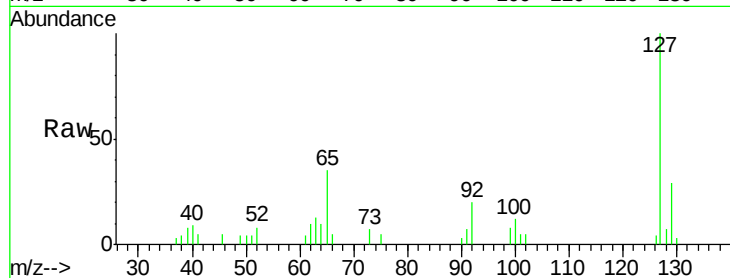
#33  
4-Chloroaniline  
Concen: 10.72 ng  
RT: 11.21 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

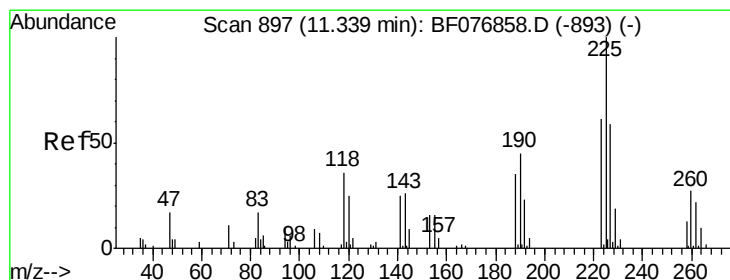
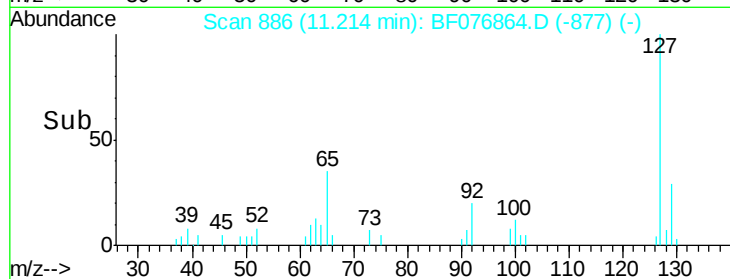
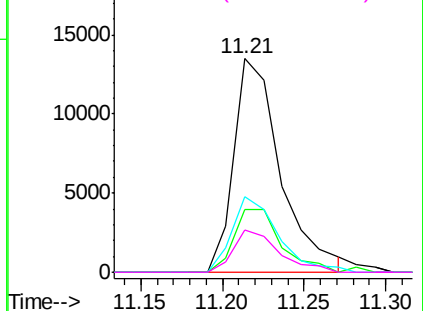
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 29.4 | 25.3  | 37.9 |       |       |
| 65      | 35.4 | 27.8  | 41.6 |       |       |
| 92      | 20.0 | 16.5  | 24.7 |       |       |

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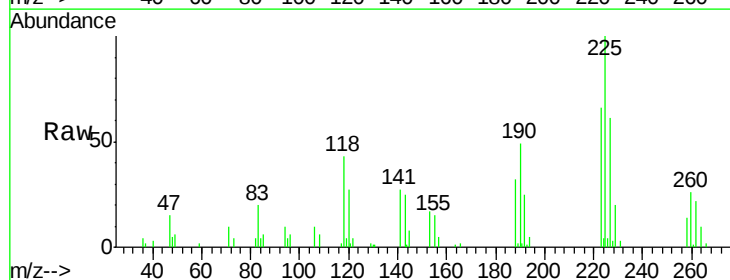


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

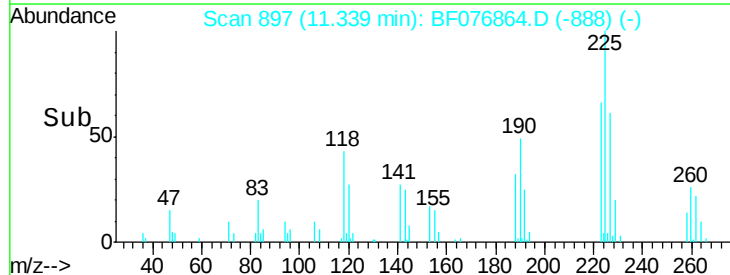
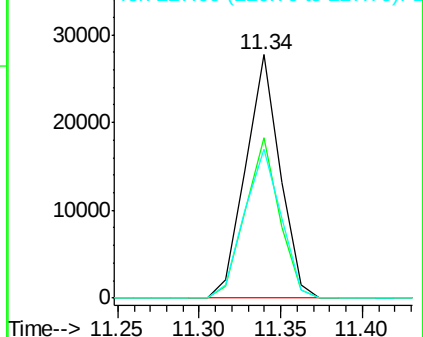


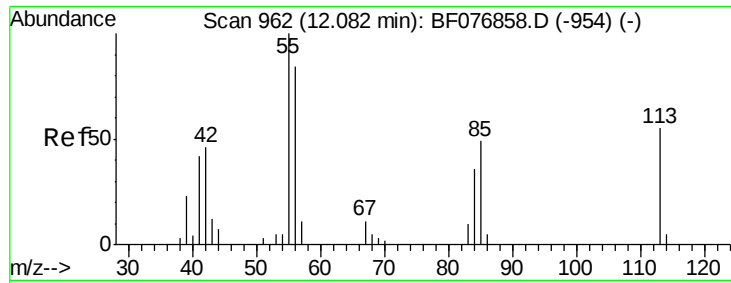
#34  
Hexachlorobutadiene  
Concen: 38.70 ng  
RT: 11.34 min Scan# 897  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 66.1 | 49.1  | 73.7 |       |       |
| 227     | 60.9 | 47.5  | 71.3 |       |       |



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





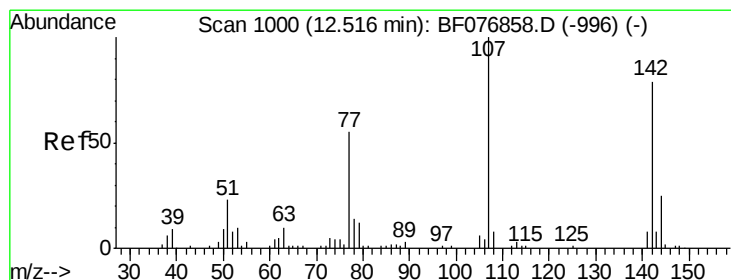
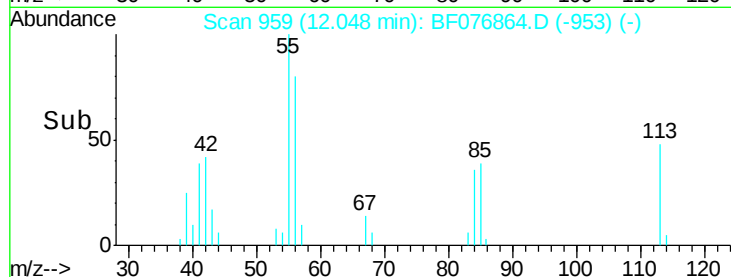
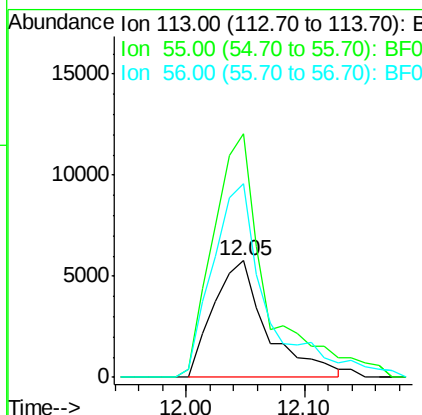
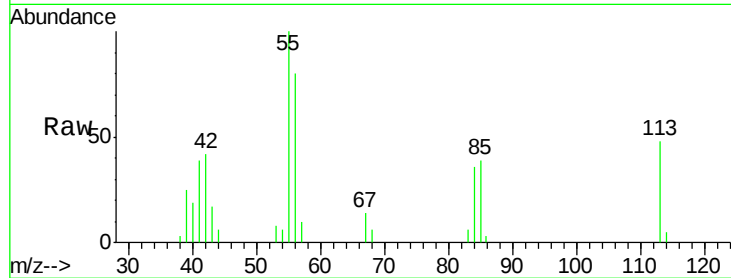
#35  
Caprolactam  
Concen: 39.09 ng  
RT: 12.05 min Scan# 959  
Delta R.T. -0.03 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 208.4 | 162.1 | 202.1# |
| 56      | 165.9 | 133.7 | 173.7  |

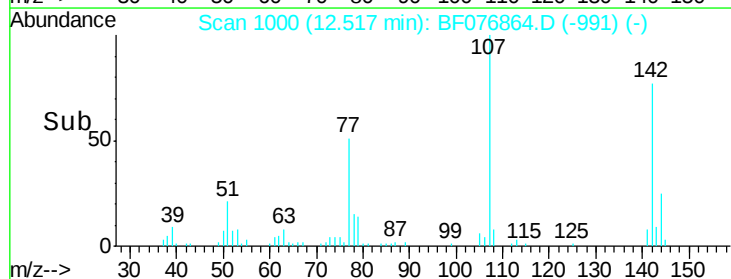
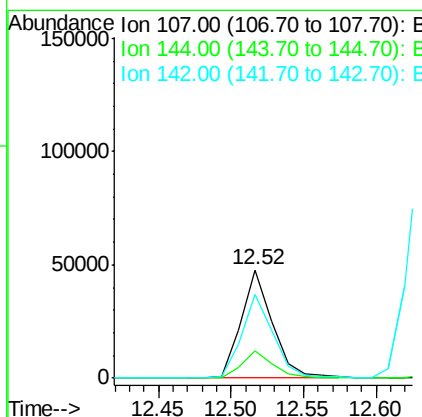
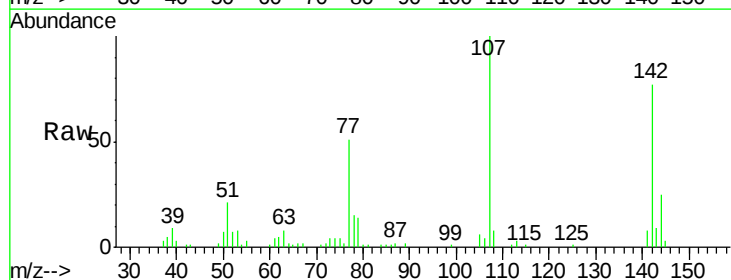
Manual Integrations  
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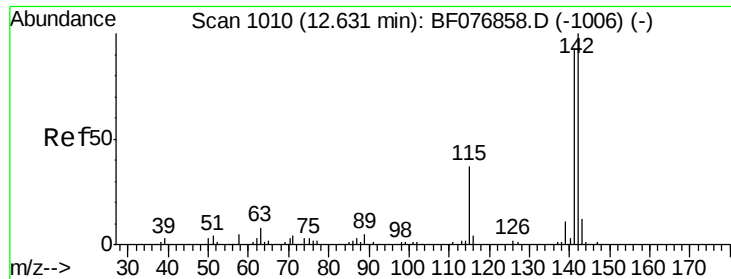
tejaskumar  
1/15/2015 2:28:20 PM



#36  
4-Chloro-3-methylphenol  
Concen: 39.91 ng  
RT: 12.52 min Scan# 1000  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.3  | 20.0  | 30.0  |
| 142     | 77.3  | 63.5  | 95.3  |





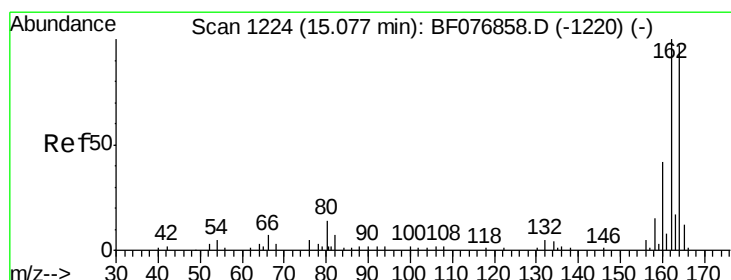
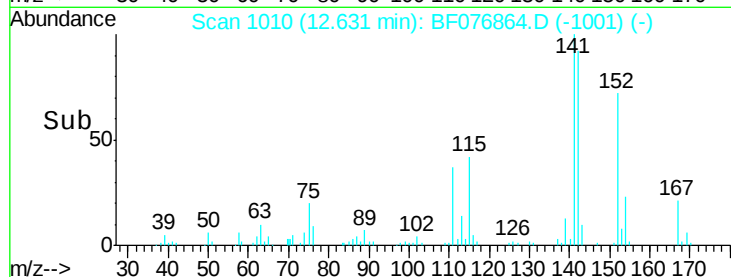
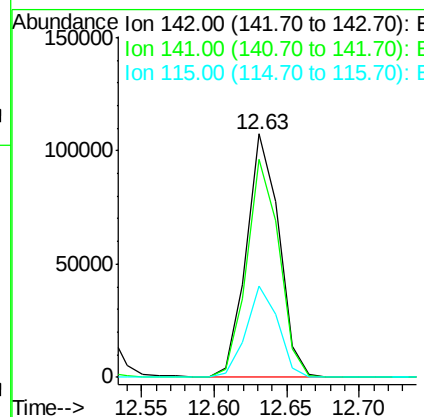
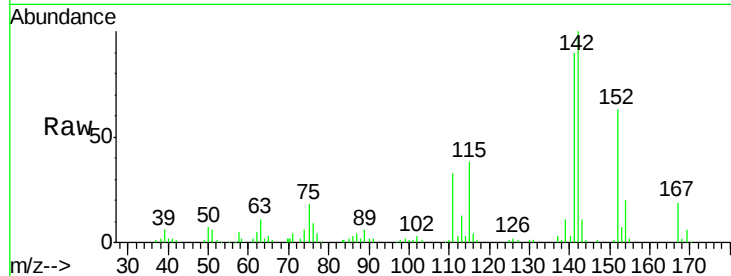
#37  
2-Methylnaphthalene  
Concen: 39.60 ng  
RT: 12.63 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 142     | 100  |       | 166938 |       |       |
| 141     | 89.5 | 74.5  | 111.7  |       |       |
| 115     | 37.6 | 29.7  | 44.5   |       |       |

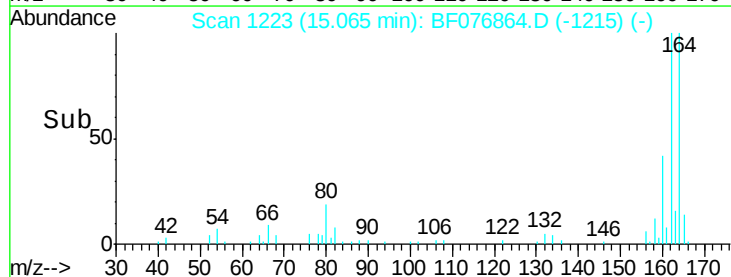
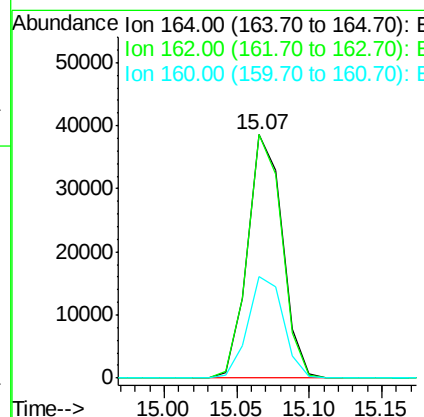
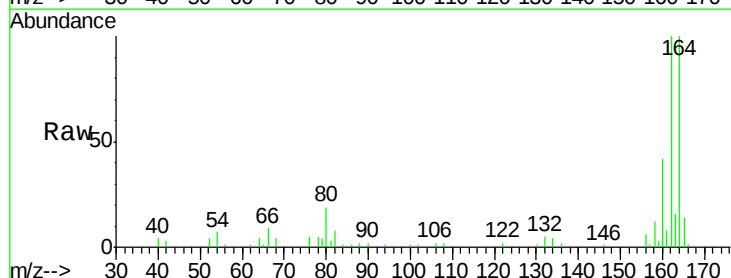
Manual Integrations  
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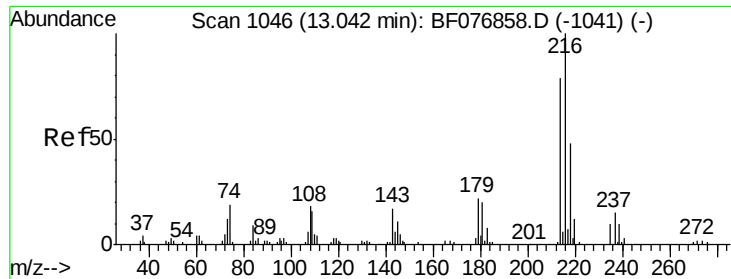
tejaskumar  
1/15/2015 2:28:20 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.07 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 164     | 100   |       | 64077 |       |       |
| 162     | 100.0 | 82.4  | 123.6 |       |       |
| 160     | 41.7  | 34.8  | 52.2  |       |       |





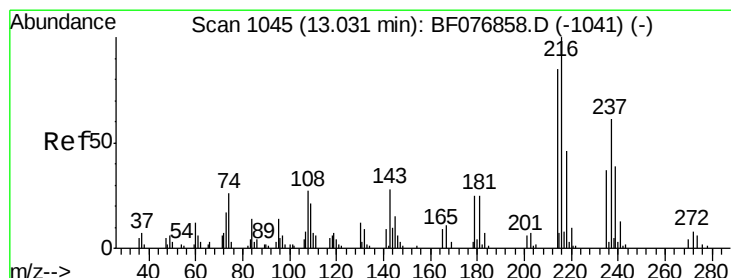
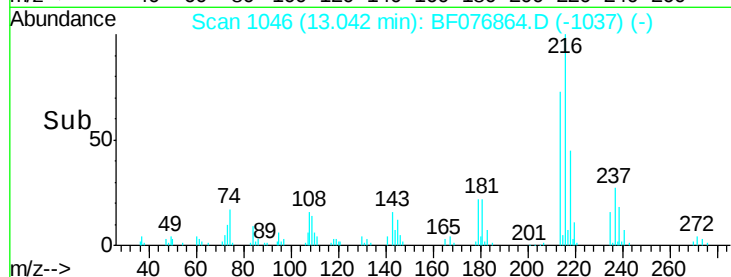
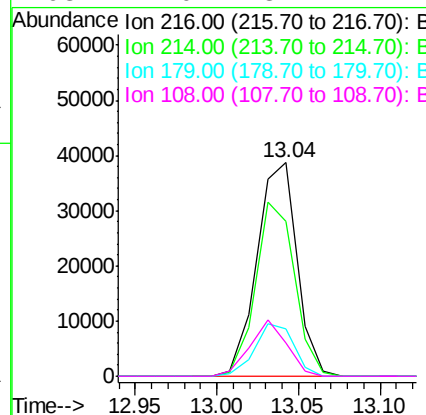
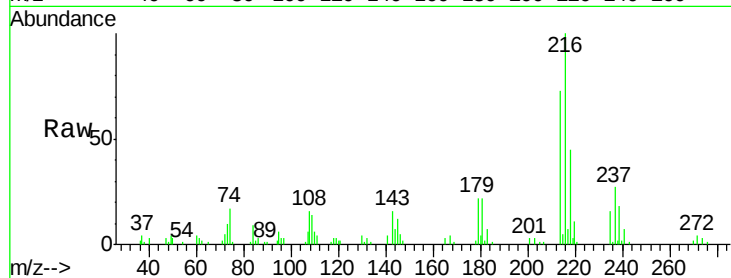
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.87 ng  
 RT: 13.04 min Scan# 1046  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 216     | 100  |       | 66327 |       |       |
| 214     | 79.4 |       | 64.9  | 97.3  |       |
| 179     | 23.9 |       | 18.6  | 28.0  |       |
| 108     | 24.0 |       | 18.1  | 27.1  |       |

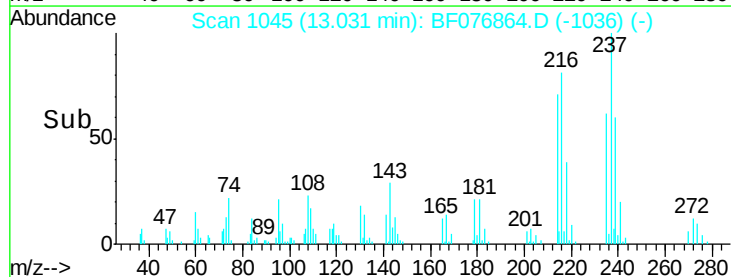
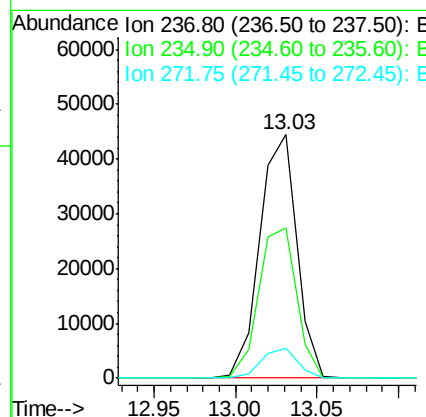
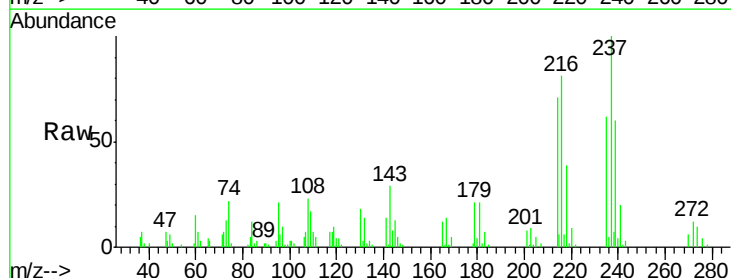
Manual Integrations  
 APPROVED

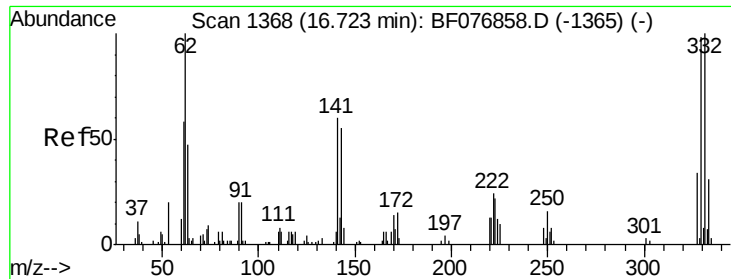
tejaskumar  
 1/15/2015 2:28:20 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 85.19 ng  
 RT: 13.03 min Scan# 1045  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 70697 |       |       |
| 235     | 61.7 |       | 40.4  | 80.4  |       |
| 272     | 12.2 |       | 0.0   | 33.2  |       |





#41

2,4,6-Tribromophenol

Concen: 132.14 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA\_F

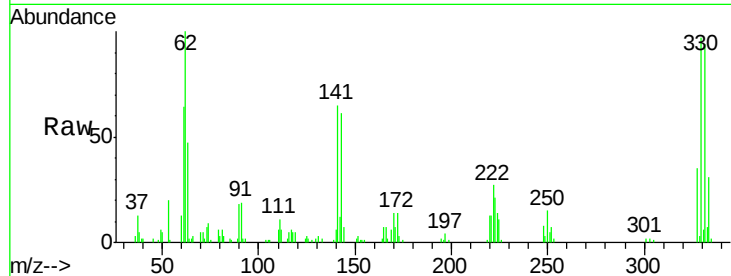
ClientSampleId :

PB81310BS

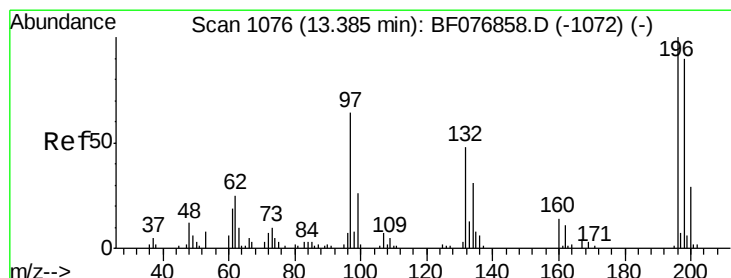
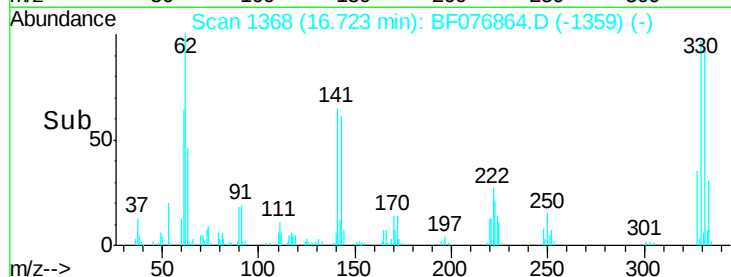
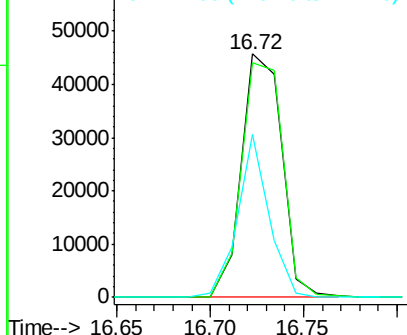
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 330   | Resp: | 68728 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 99.6  | 77.8  | 116.6 |
| 141       | 52.3  | 38.5  | 57.7  |

Manual Integrations  
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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: 38.98 ng

RT: 13.39 min Scan# 1076

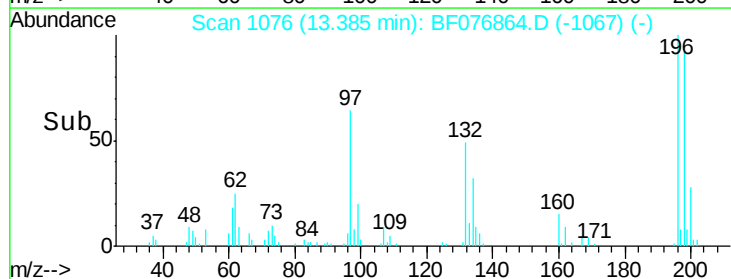
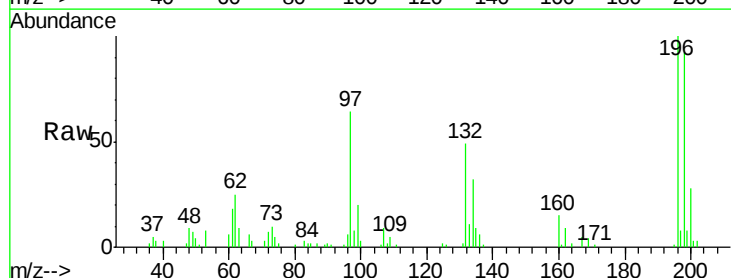
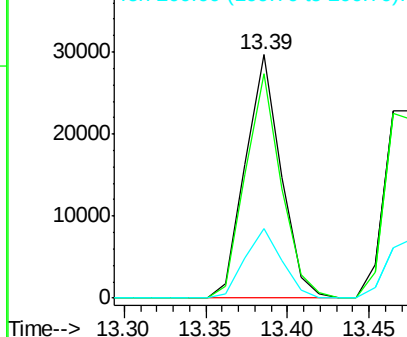
Delta R.T. 0.00 min

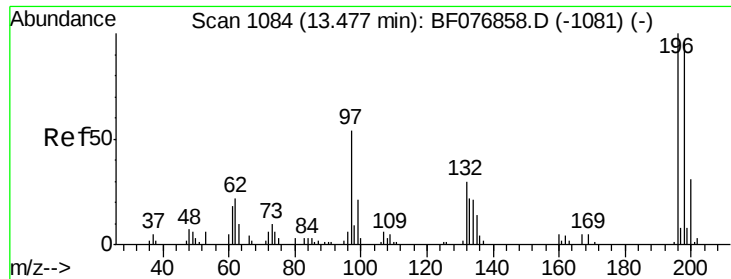
Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 44993 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 92.2  | 72.0  | 108.0 |
| 200       | 28.3  | 23.4  | 35.2  |

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





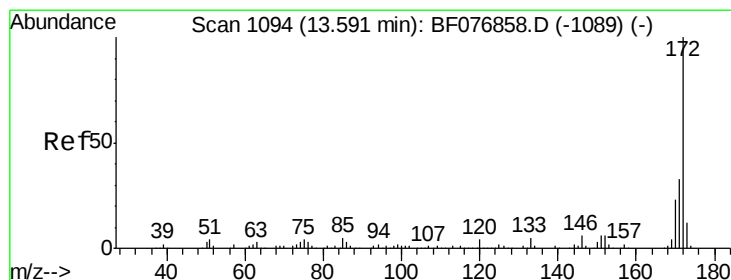
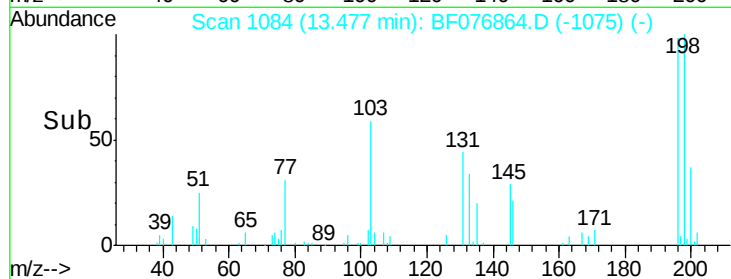
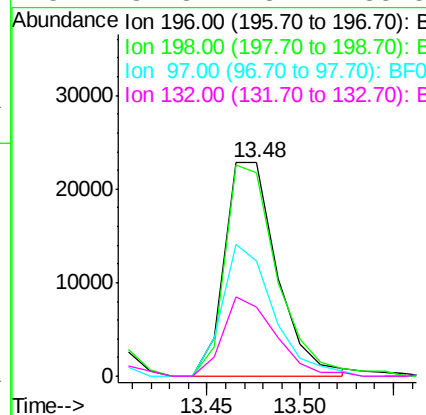
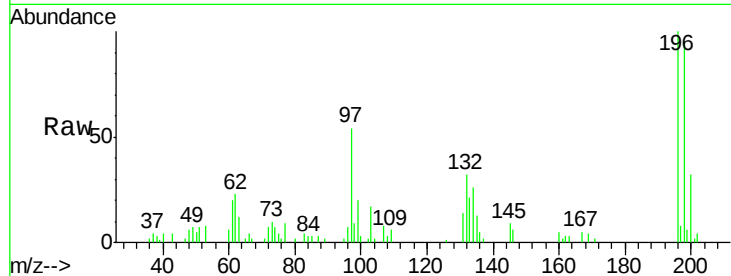
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.25 ng  
 RT: 13.48 min Scan# 1084  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 45028 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 95.1  | 76.6  | 115.0 |
| 97        | 54.0  | 43.4  | 65.0  |
| 132       | 32.3  | 23.7  | 35.5  |

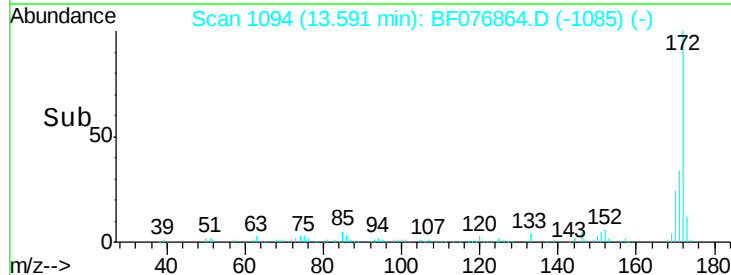
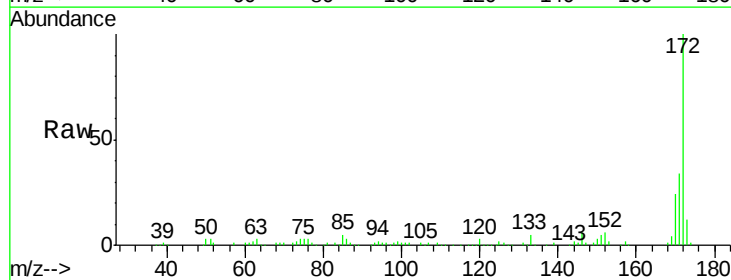
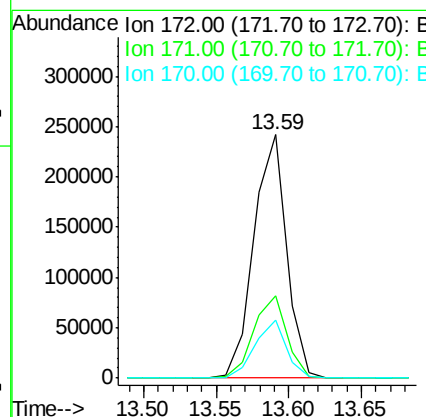
Manual Integrations  
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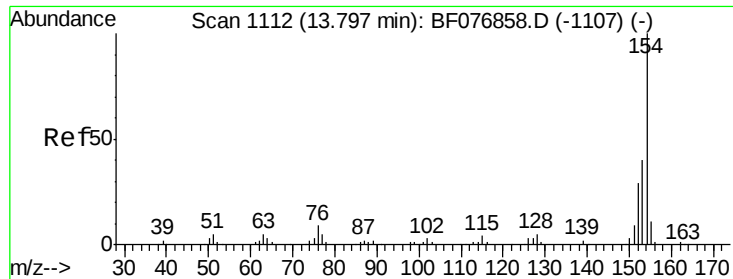
tejaskumar  
 1/15/2015 2:28:20 PM



#44  
 2-Fluorobiphenyl  
 Concen: 89.75 ng  
 RT: 13.59 min Scan# 1094  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 377904 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 33.9  | 26.6  | 40.0   |
| 170       | 23.8  | 18.0  | 27.0   |





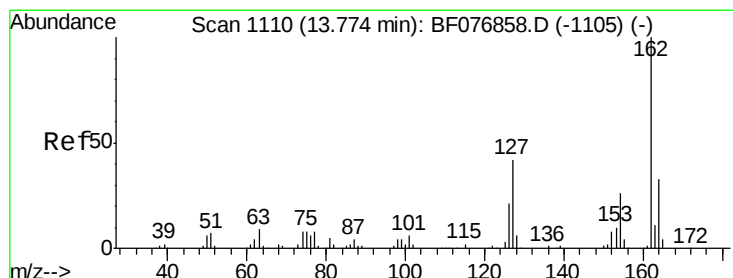
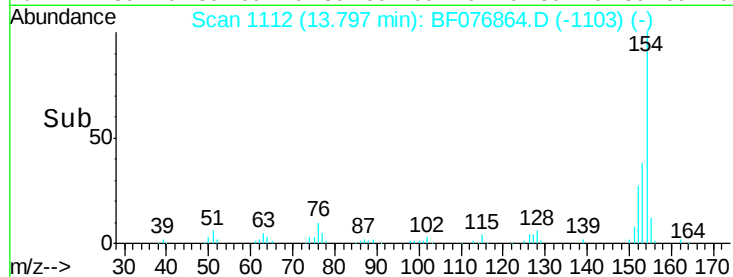
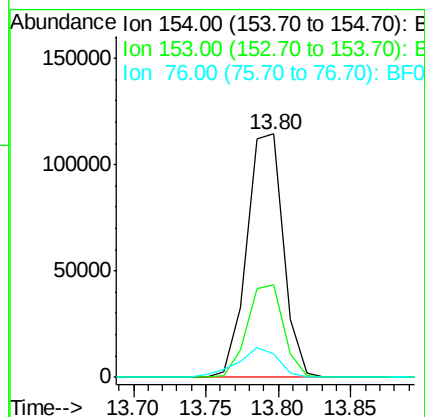
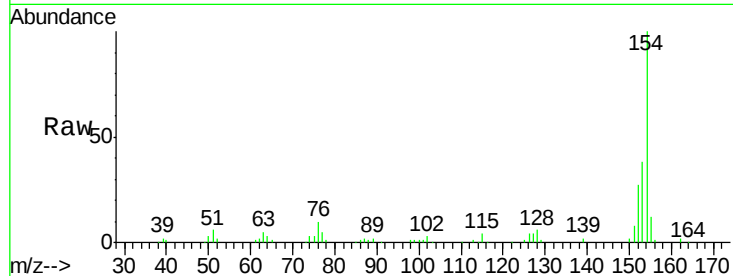
#45  
 1,1'-Biphenyl  
 Concen: 42.07 ng  
 RT: 13.80 min Scan# 1112  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 37.8  | 20.2  | 60.2  |
| 76      | 9.7   | 0.0   | 29.0  |

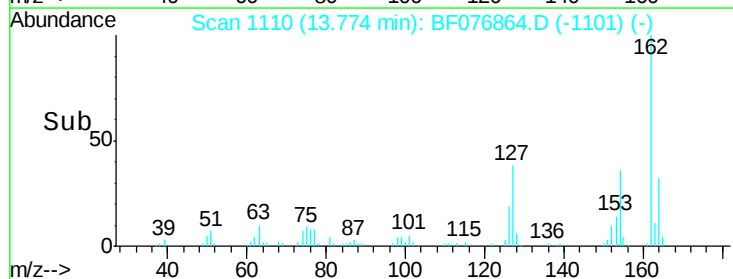
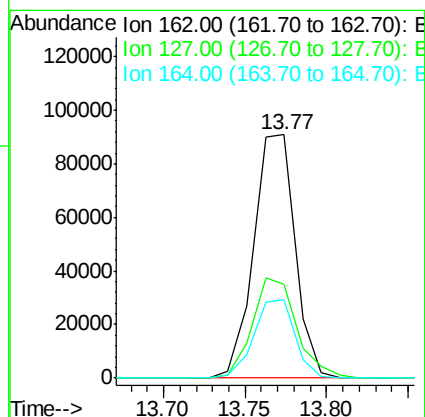
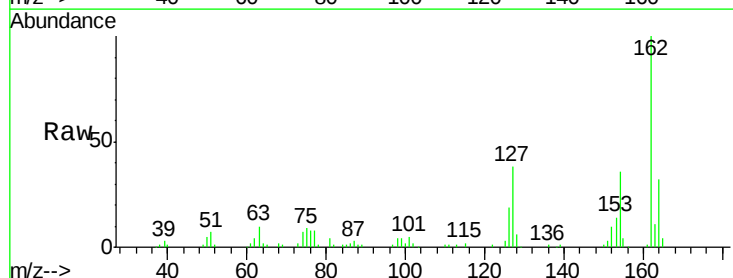
Manual Integrations  
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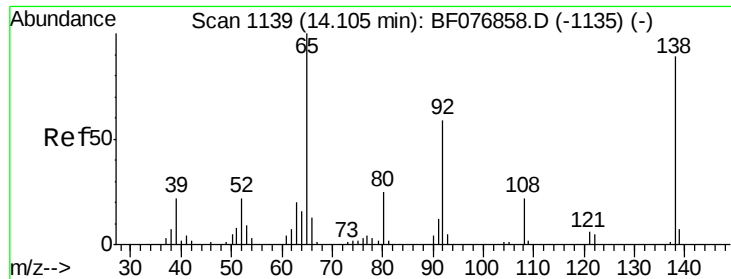
tejaskumar  
 1/15/2015 2:28:20 PM



#46  
 2-Chloronaphthalene  
 Concen: 41.14 ng  
 RT: 13.77 min Scan# 1110  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.5  | 33.8  | 50.6  |
| 164     | 32.4  | 26.8  | 40.2  |





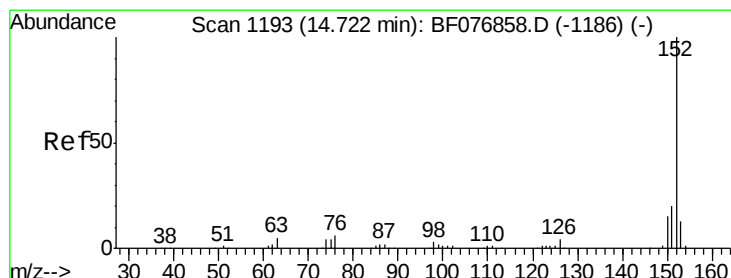
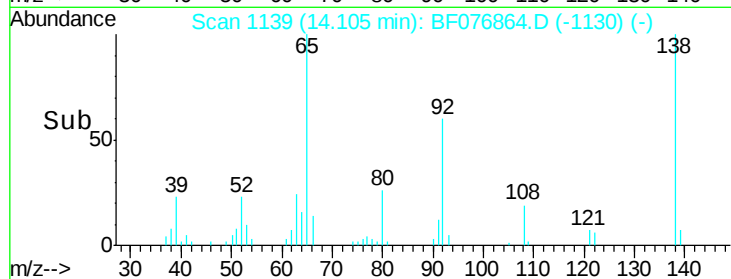
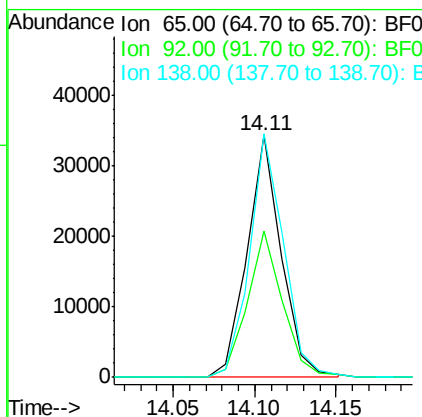
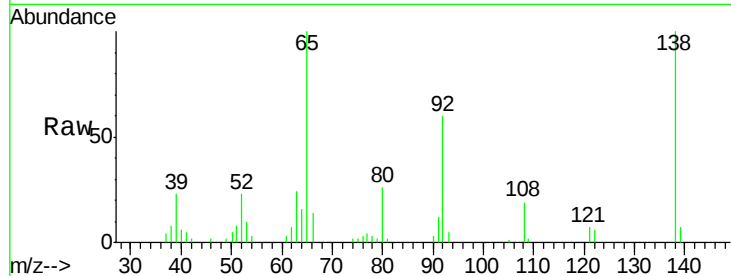
#47  
2-Nitroaniline  
Concen: 42.15 ng  
RT: 14.11 min Scan# 1139  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.3  | 47.3  | 70.9  |
| 138     | 100.5 | 71.4  | 107.2 |

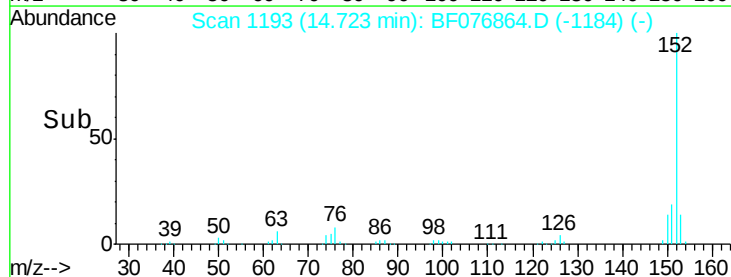
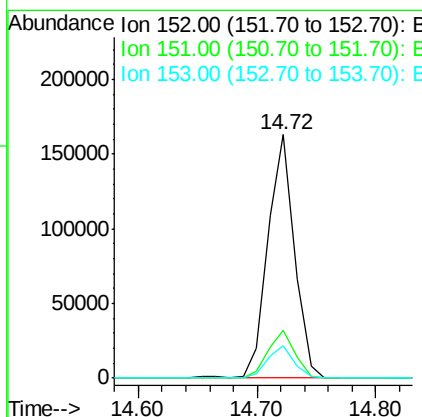
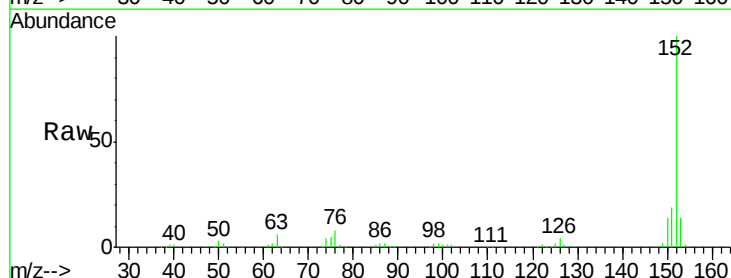
Manual Integrations  
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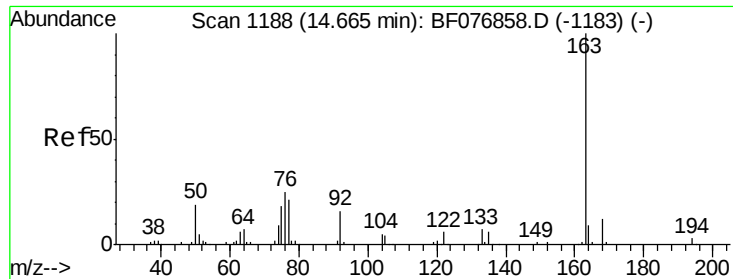
tejaskumar  
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#48  
Acenaphthylene  
Concen: 38.58 ng  
RT: 14.72 min Scan# 1193  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.4  | 15.9  | 23.9  |
| 153     | 13.5  | 10.2  | 15.4  |





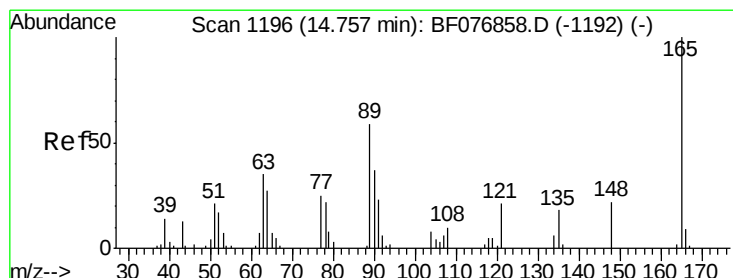
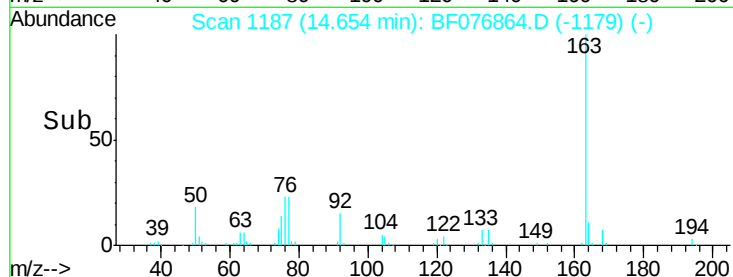
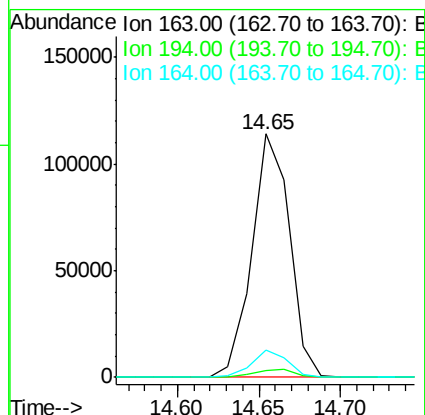
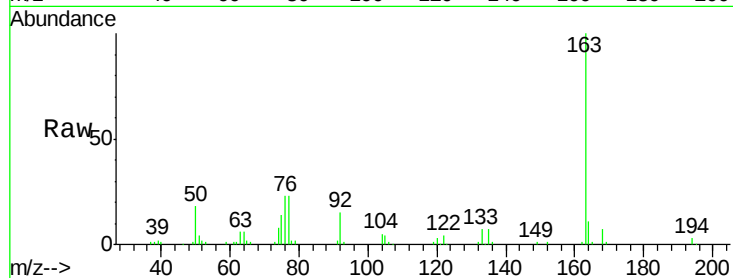
#49  
Dimethylphthalate  
Concen: 40.30 ng  
RT: 14.65 min Scan# 1187  
Delta R.T. -0.01 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.0   | 2.6        | 4.0        |
| 164     | 11.1  | 7.5        | 11.3       |

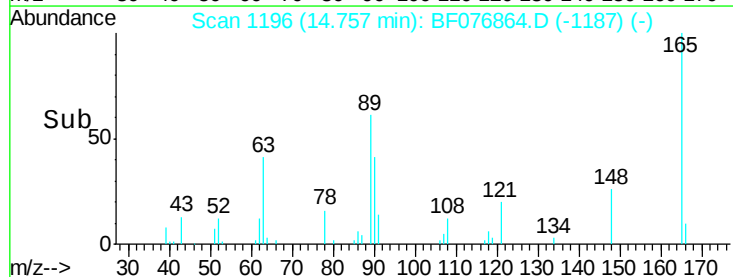
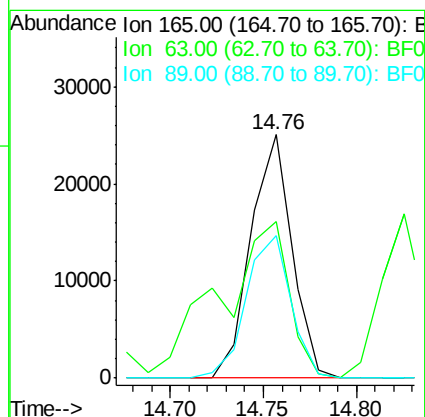
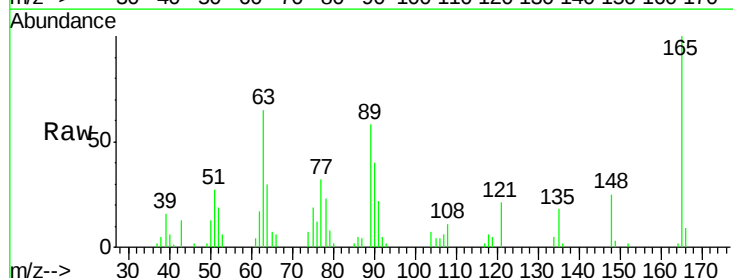
Manual Integrations  
APPROVED

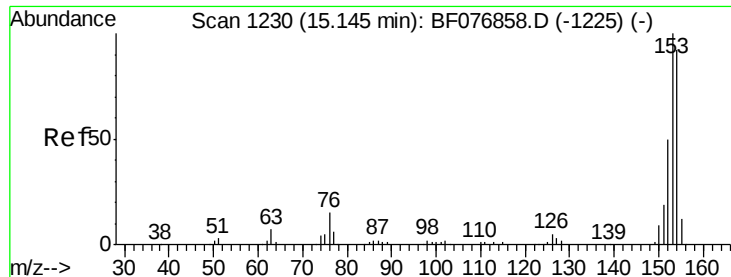
tejaskumar  
1/15/2015 2:28:20 PM



#50  
2,6-Dinitrotoluene  
Concen: 42.13 ng  
RT: 14.76 min Scan# 1196  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 64.6  | 48.1       | 72.1       |
| 89      | 58.5  | 47.2       | 70.8       |





#51

Acenaphthene

Concen: 38.46 ng

RT: 15.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA\_F

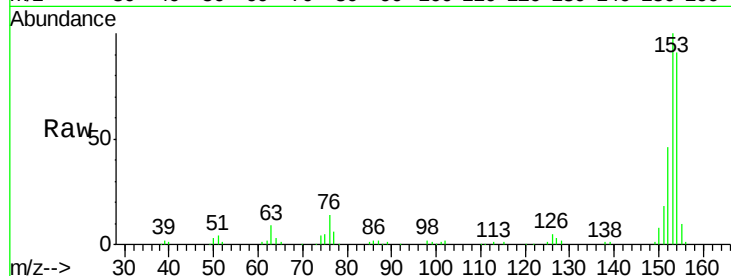
ClientSampleId :

PB81310BS

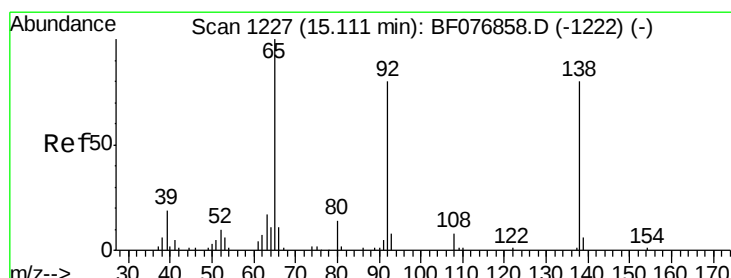
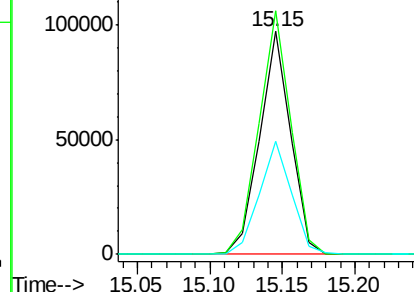
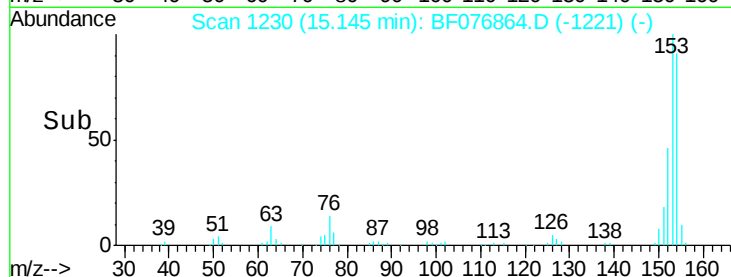
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 143868 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 109.4 | 87.0  | 130.6  |
| 152       | 50.8  | 43.5  | 65.3   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.17 ng

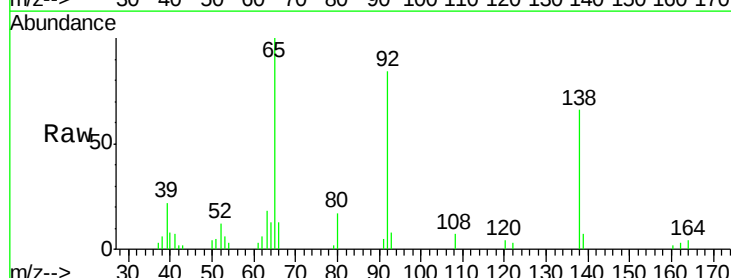
RT: 15.10 min Scan# 1226

Delta R.T. -0.01 min

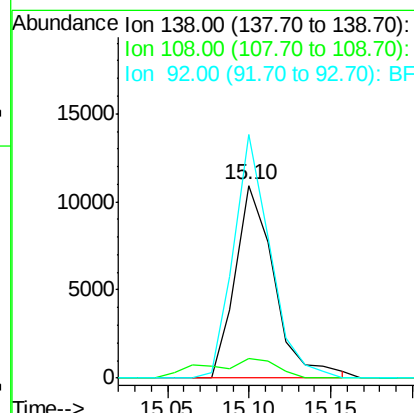
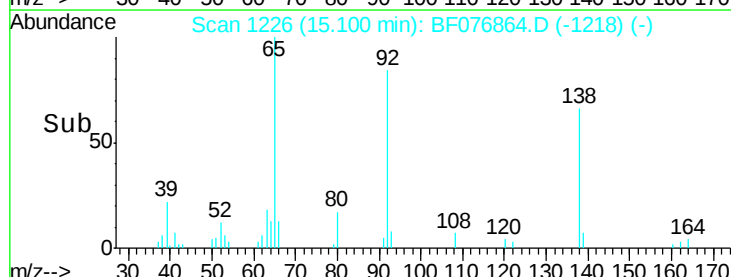
Lab File: BF076864.D

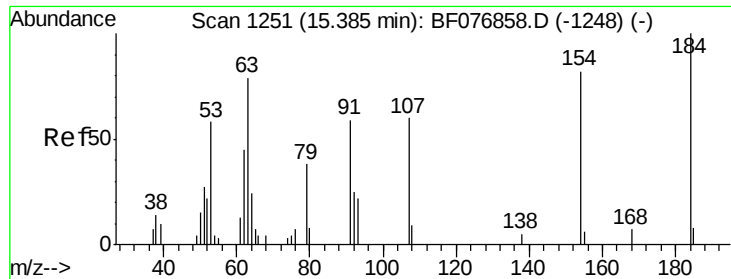
Acq: 14 Jan 2015 17:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 18082  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.5  | 8.3   | 12.5   |
| 92        | 126.5 | 80.9  | 121.3# |



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





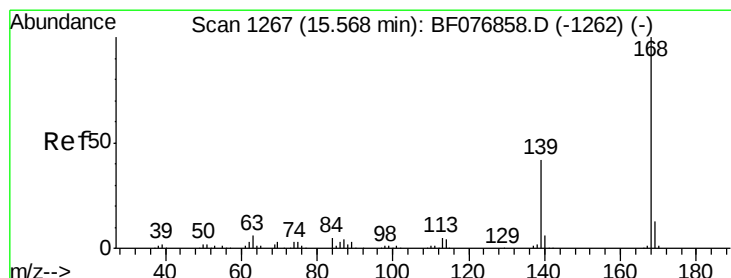
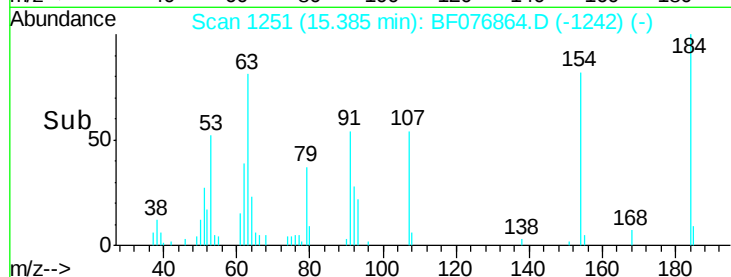
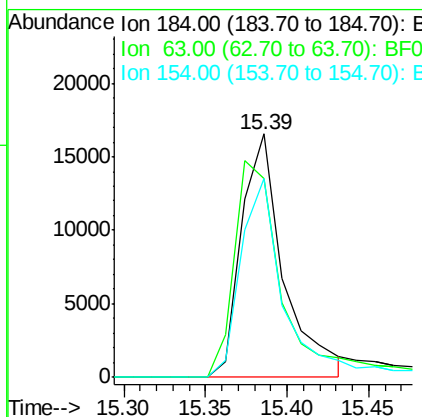
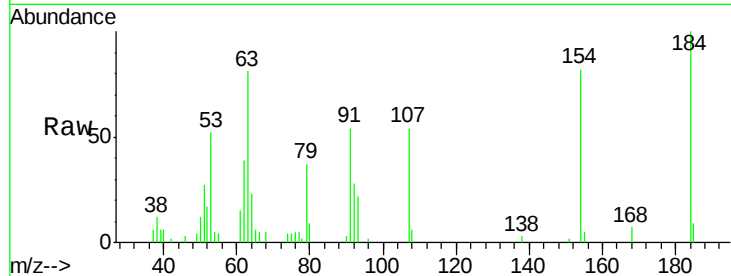
#53  
2,4-Dinitrophenol  
Concen: 75.25 ng  
RT: 15.39 min Scan# 1251  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 81.5  | 63.0 | 94.6  |       |
| 154     | 81.7  | 65.5 | 98.3  |       |

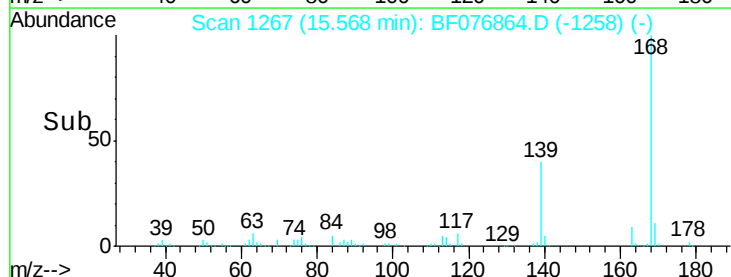
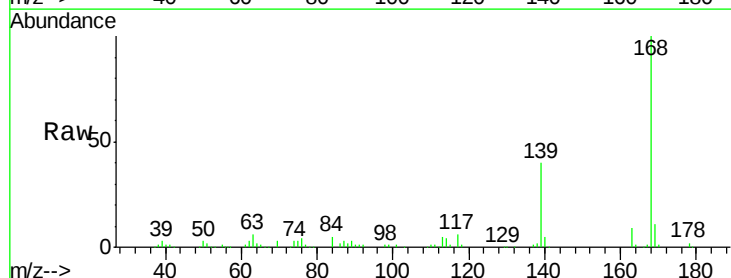
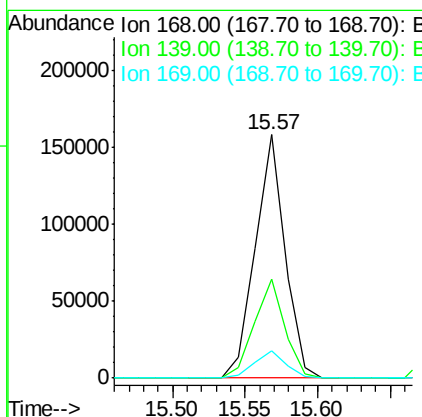
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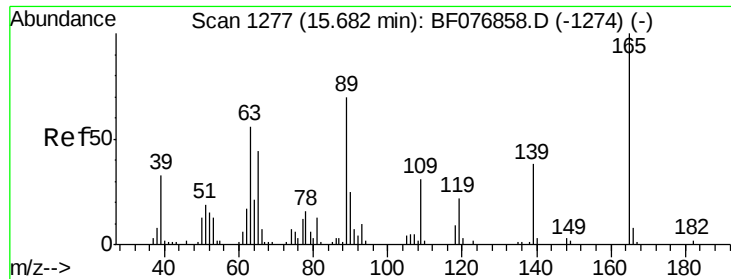
tejaskumar  
1/15/2015 2:28:20 PM



#54  
Dibenzofuran  
Concen: 41.22 ng  
RT: 15.57 min Scan# 1267  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 40.5  | 33.4 | 50.2  |       |
| 169     | 11.4  | 10.6 | 15.8  |       |





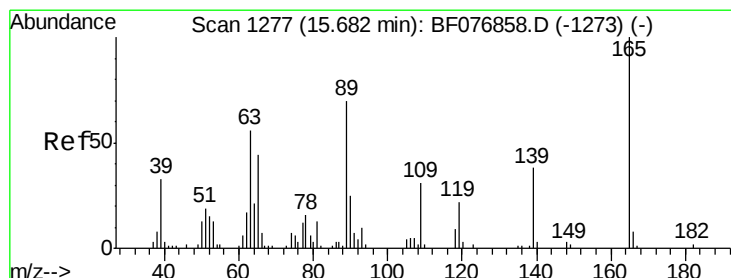
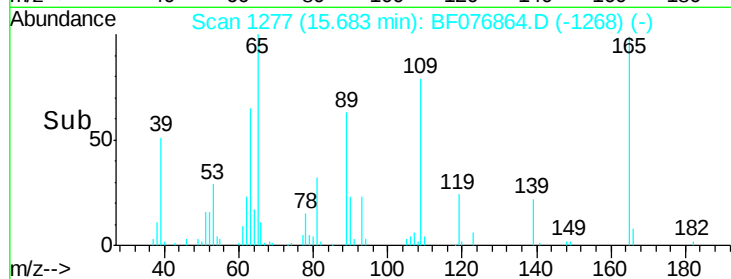
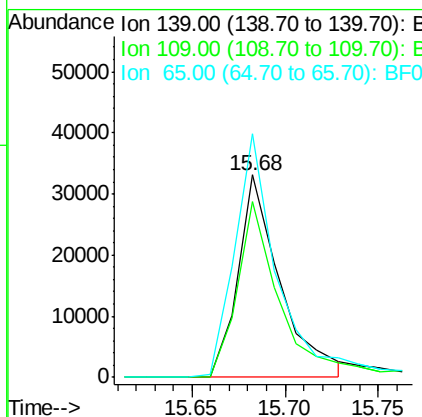
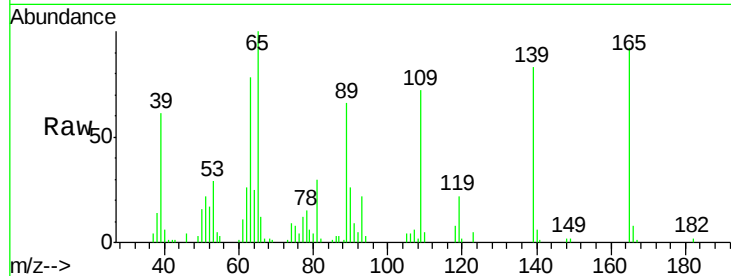
#55  
4-Nitrophenol  
Concen: 73.41 ng  
RT: 15.68 min Scan# 1277  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 52294 |       |       |
| 109     | 87.2  | 61.0  | 101.0 |       |
| 65      | 120.5 | 96.6  | 136.6 |       |

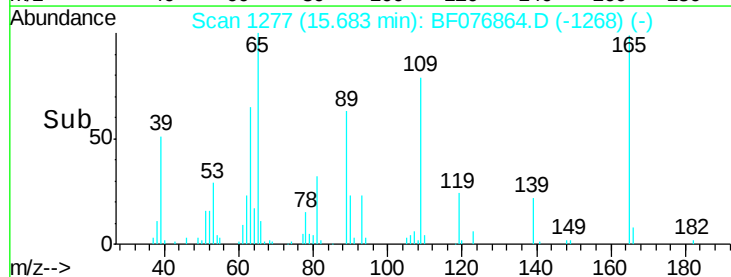
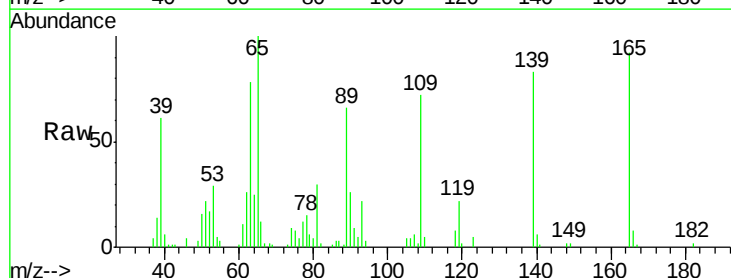
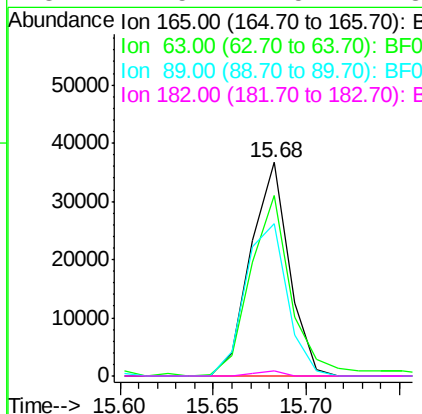
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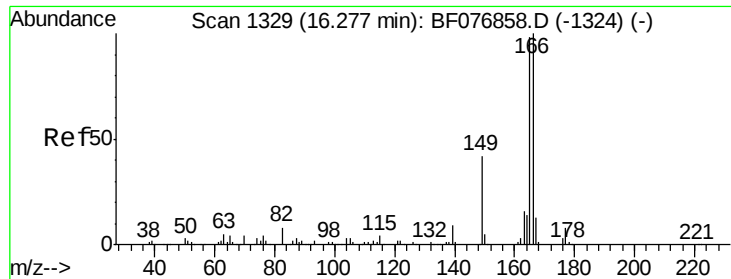
tejaskumar  
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#56  
2,4-Dinitrotoluene  
Concen: 38.82 ng  
RT: 15.68 min Scan# 1277  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 53161 |       |       |
| 63      | 84.3  | 44.8  | 67.2# |       |
| 89      | 71.3  | 56.2  | 84.2  |       |
| 182     | 2.5   | 1.5   | 2.3#  |       |





#57

Fluorene

Concen: 40.00 ng

RT: 16.28 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA\_F

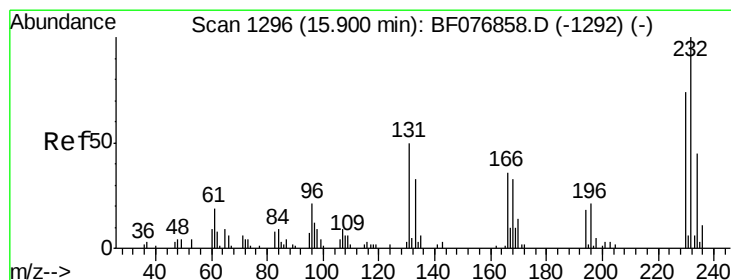
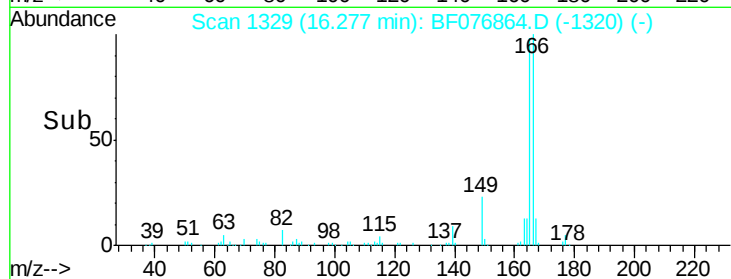
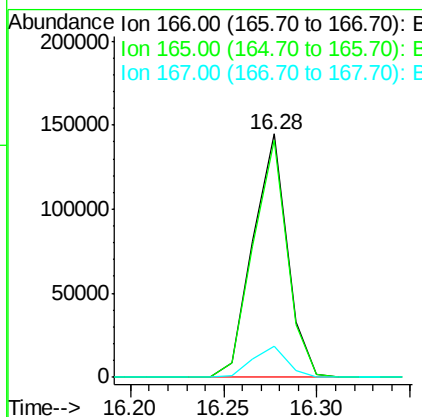
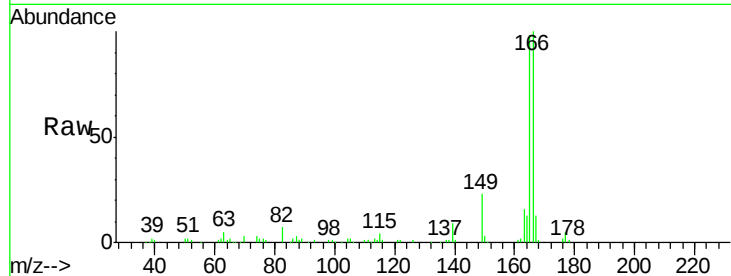
ClientSampleId :

PB81310BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 184693 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.7  | 78.5  | 117.7  |
| 167       | 12.7  | 10.4  | 15.6   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.82 ng

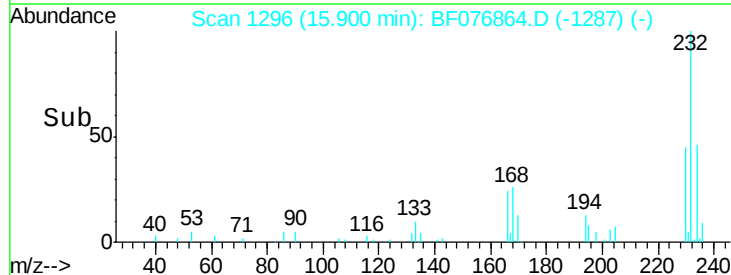
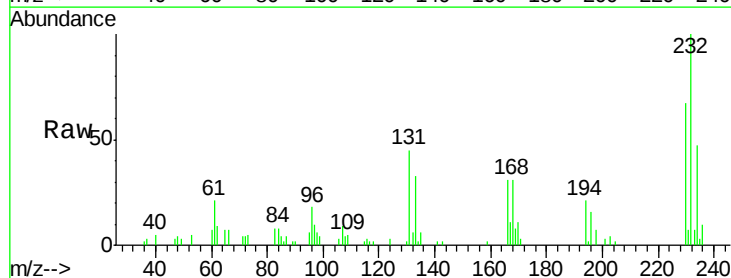
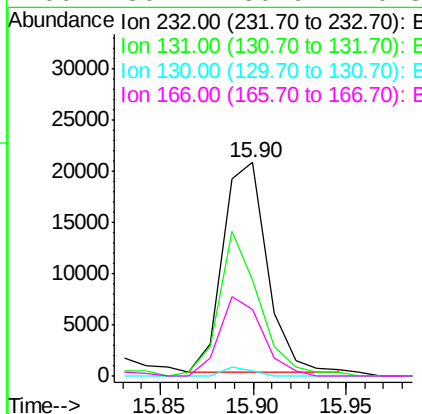
RT: 15.90 min Scan# 1296

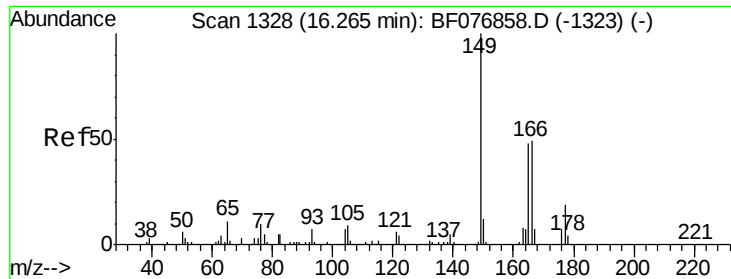
Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 34130 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 63.1  | 45.0  | 67.6  |
| 130       | 2.6   | 2.6   | 3.8   |
| 166       | 36.7  | 30.9  | 46.3  |





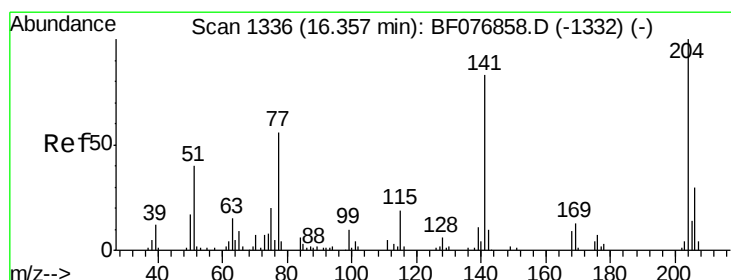
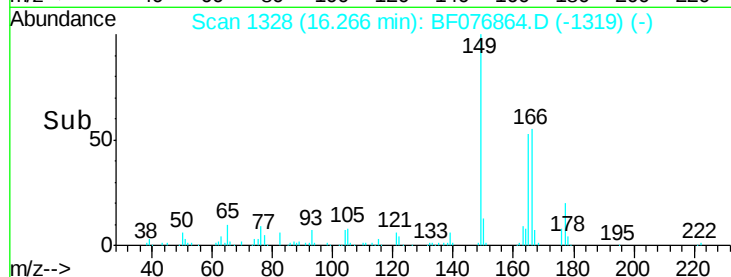
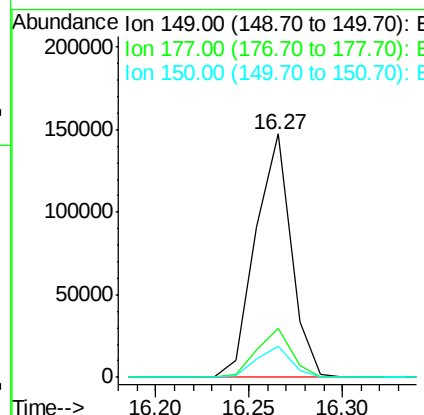
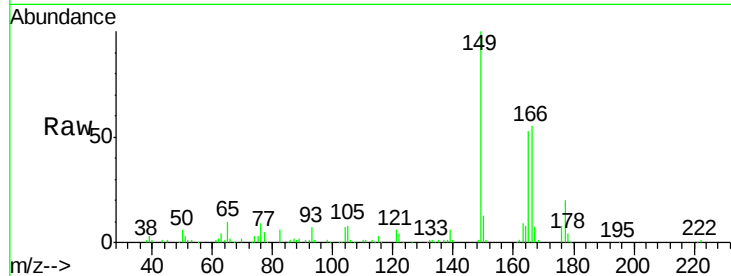
#59  
Diethylphthalate  
Concen: 42.31 ng  
RT: 16.27 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 194337 |       |       |
| 177     | 20.0  | 15.0   | 22.6  |       |
| 150     | 12.5  | 9.4    | 14.0  |       |

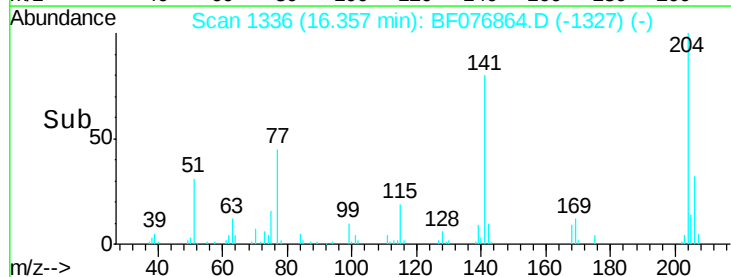
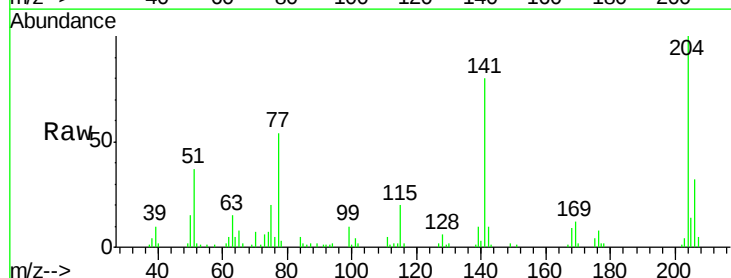
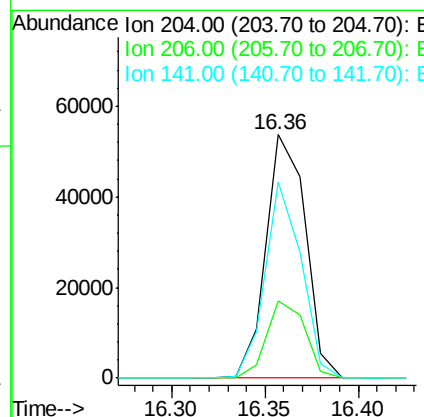
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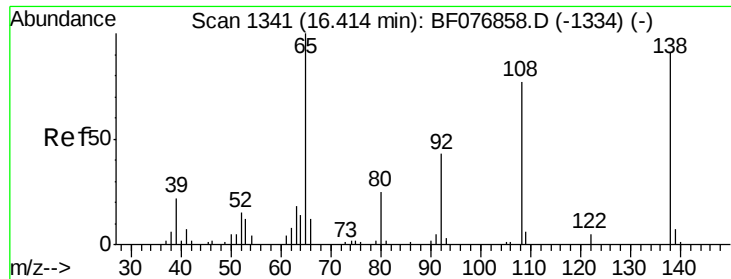
tejaskumar  
1/15/2015 2:28:20 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 41.56 ng  
RT: 16.36 min Scan# 1336  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 78512 |       |       |
| 206     | 31.8  | 24.2  | 36.2  |       |
| 141     | 80.4  | 66.7  | 100.1 |       |





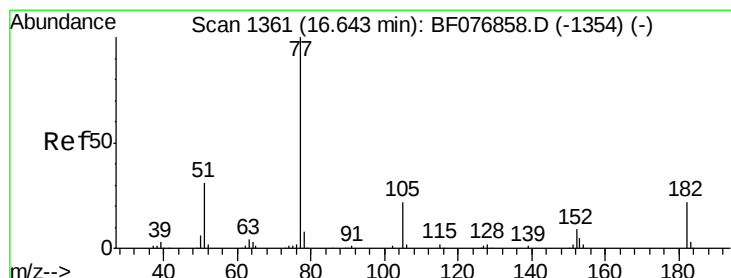
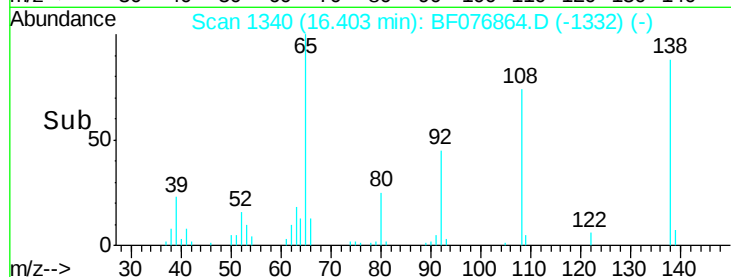
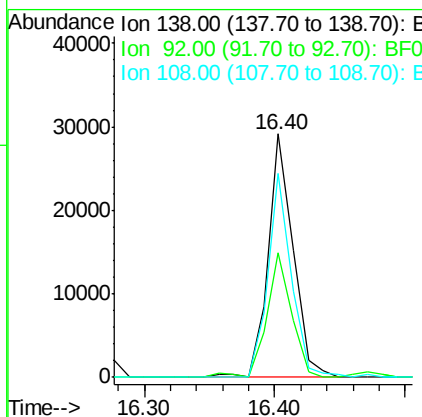
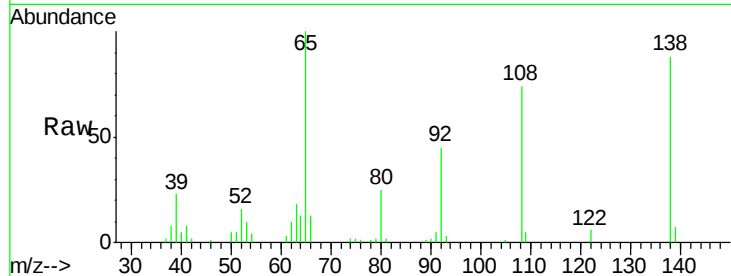
#61  
4-Nitroaniline  
Concen: 33.74 ng  
RT: 16.40 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.0  | 26.7  | 66.7  |
| 108     | 83.8  | 64.5  | 104.5 |

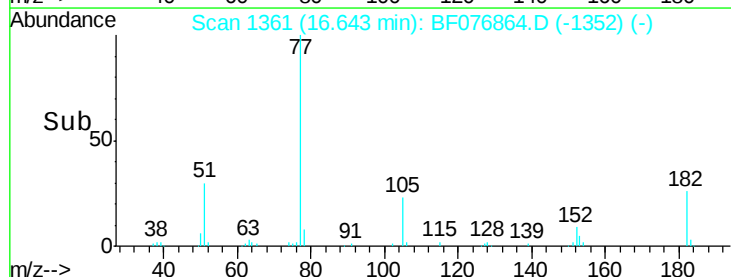
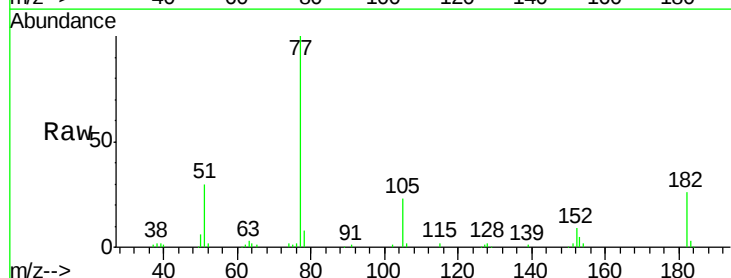
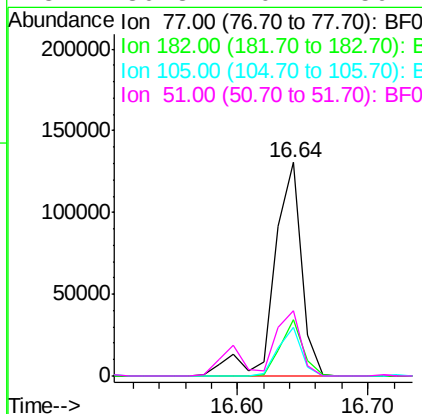
Manual Integrations  
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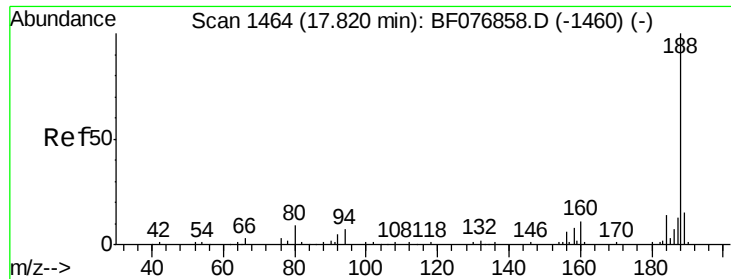
tejaskumar  
1/15/2015 2:28:20 PM



#62  
Azobenzene  
Concen: 40.31 ng  
RT: 16.64 min Scan# 1361  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.1  | 2.0   | 42.0  |
| 105     | 22.7  | 2.3   | 42.3  |
| 51      | 30.3  | 10.7  | 50.7  |





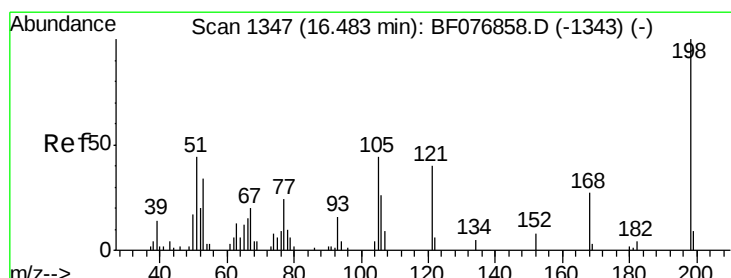
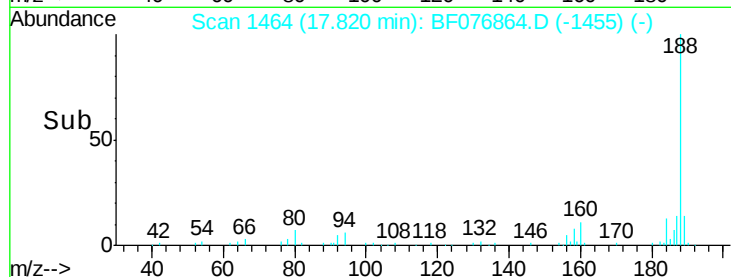
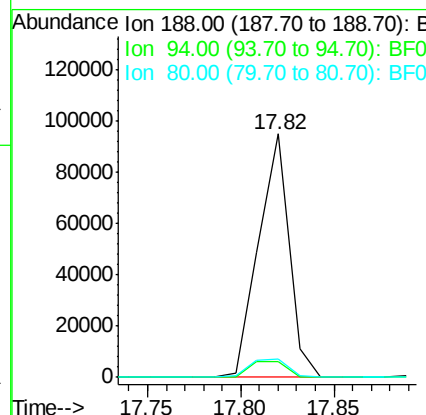
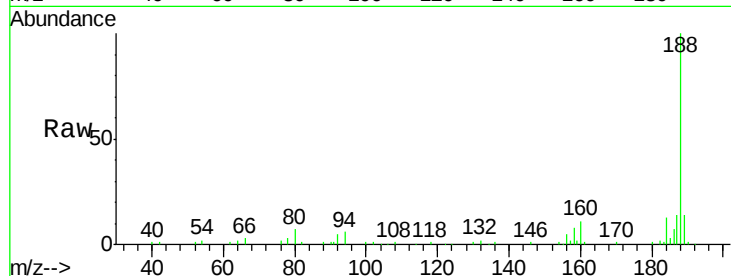
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.82 min Scan# 1464  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 6.4   | 6.0        | 9.0   |
| 80      | 7.4   | 6.9        | 10.3  |

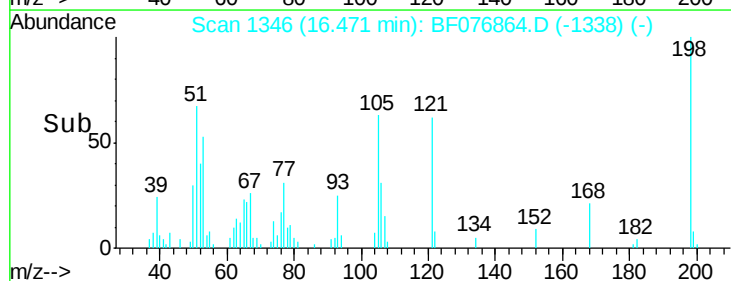
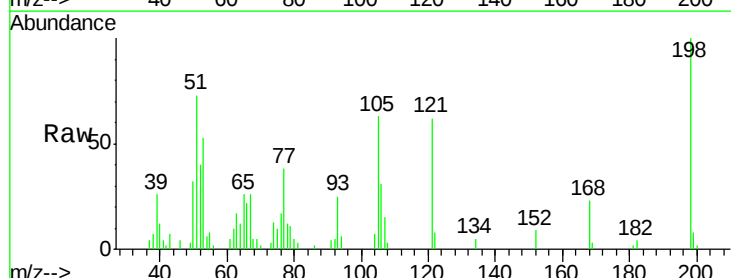
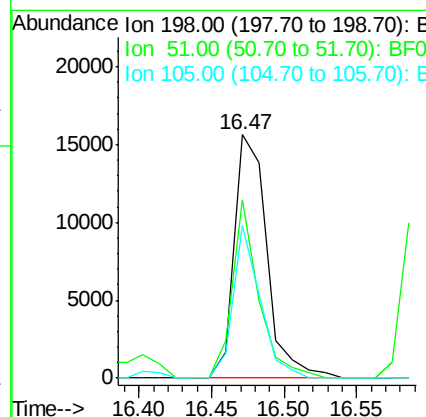
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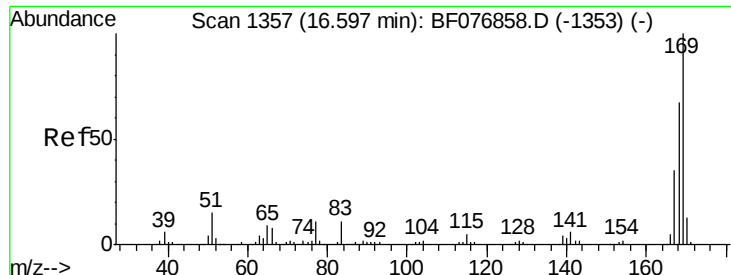
tejaskumar  
 1/15/2015 2:28:20 PM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 34.96 ng  
 RT: 16.47 min Scan# 1346  
 Delta R.T. -0.01 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 73.2  | 24.2       | 64.2# |
| 105     | 62.6  | 24.0       | 64.0  |





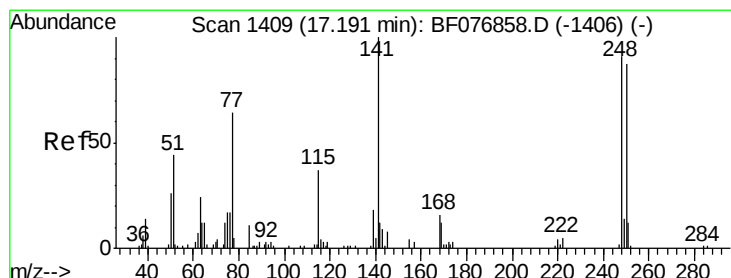
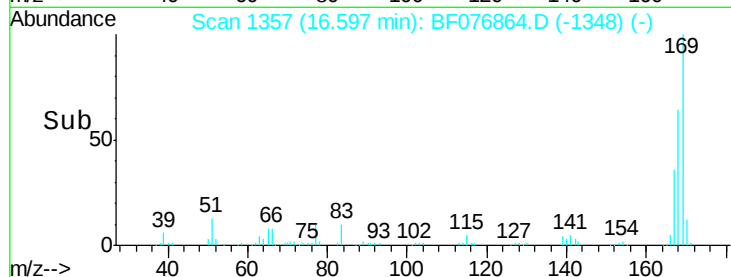
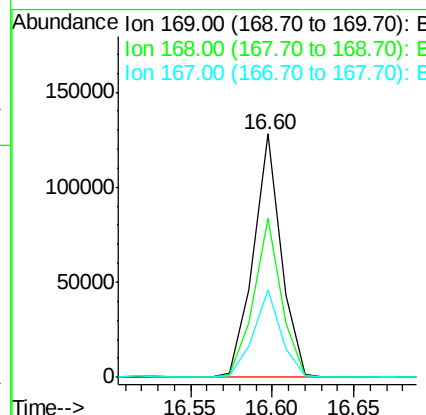
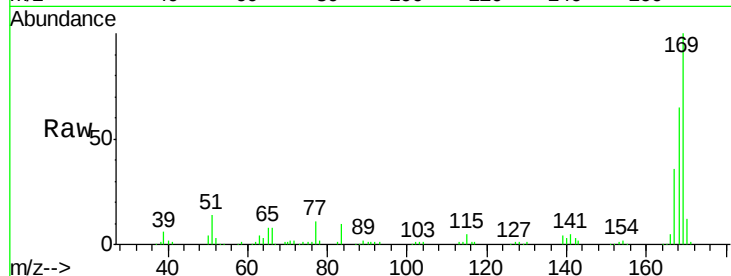
#65  
 n-Nitrosodiphenylamine  
 Concen: 39.32 ng  
 RT: 16.60 min Scan# 1357  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 151125 |       |       |
| 168     | 65.2  | 53.8   | 80.6  |       |
| 167     | 35.8  | 27.8   | 41.6  |       |

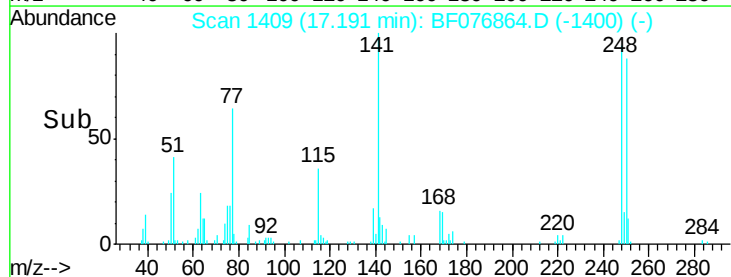
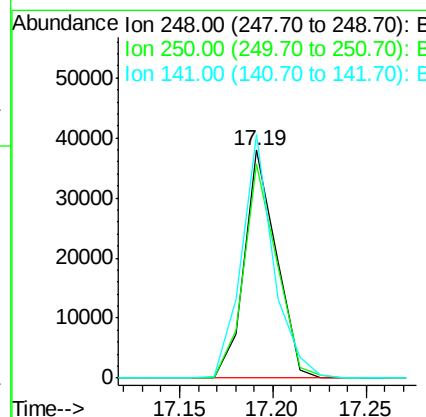
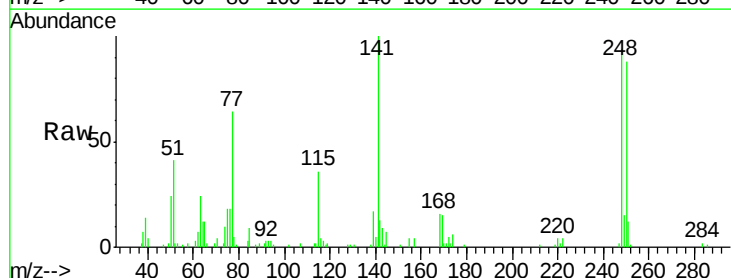
Manual Integrations  
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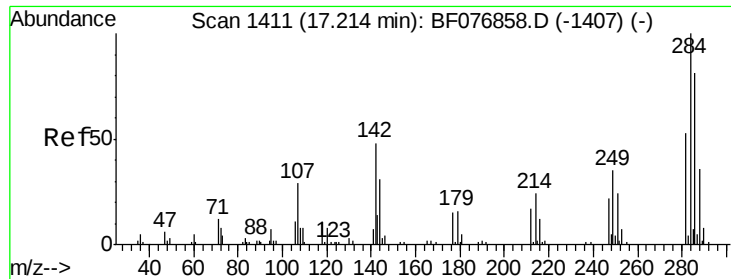
tejaskumar  
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#66  
 4-Bromophenyl-phenylether  
 Concen: 41.46 ng  
 RT: 17.19 min Scan# 1409  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 45277 |       |       |
| 250     | 93.9  | 77.1  | 115.7 |       |
| 141     | 106.7 | 88.2  | 132.4 |       |





#67

Hexachlorobenzene

Concen: 40.16 ng

RT: 17.21 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA\_F

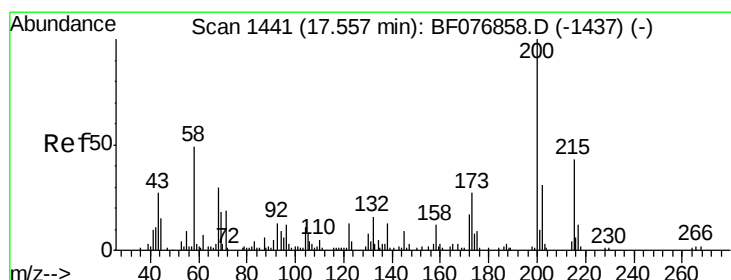
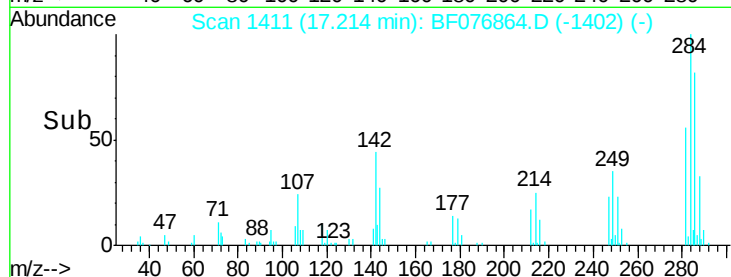
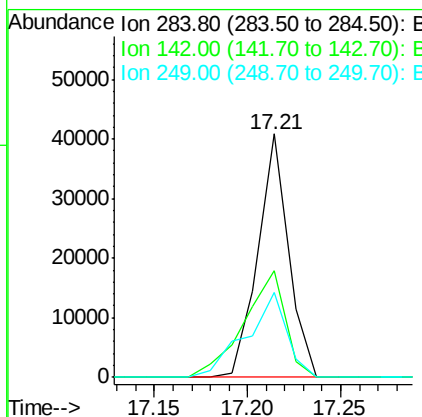
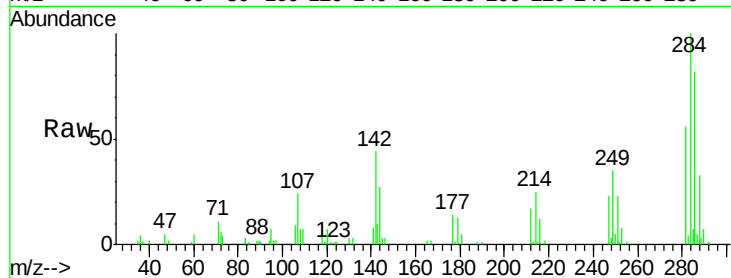
ClientSampleId :

PB81310BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 284   | Resp: | 46212 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 43.6  | 38.2  | 57.4  |
| 249       | 34.6  | 28.2  | 42.2  |

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#68

Atrazine

Concen: 48.60 ng

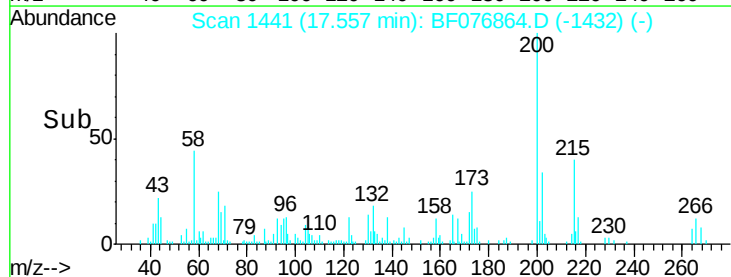
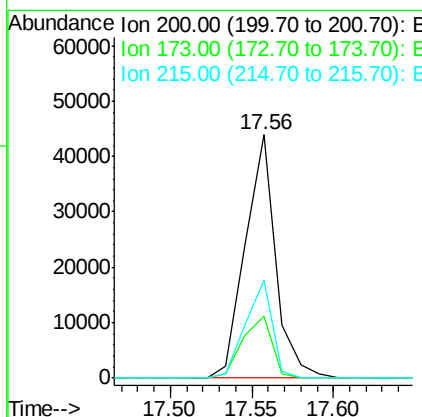
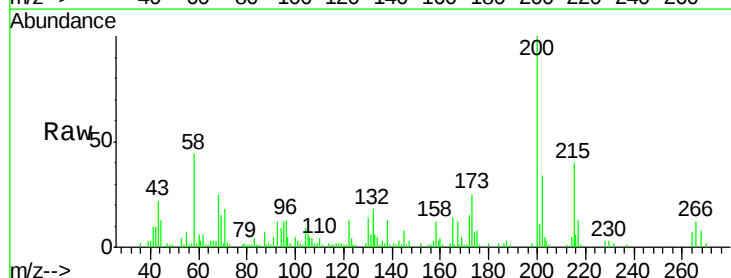
RT: 17.56 min Scan# 1441

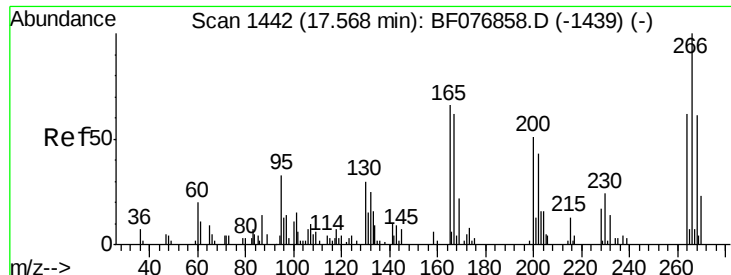
Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 56685 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 25.2  | 6.6   | 46.6  |
| 215       | 40.3  | 22.9  | 62.9  |





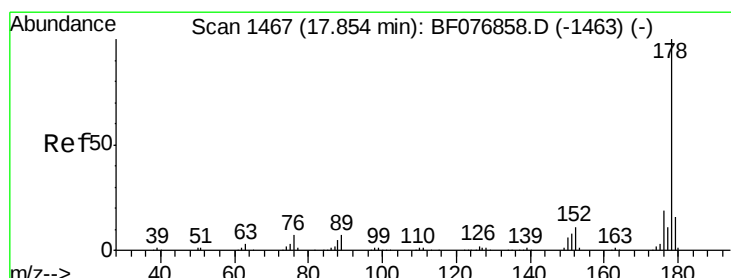
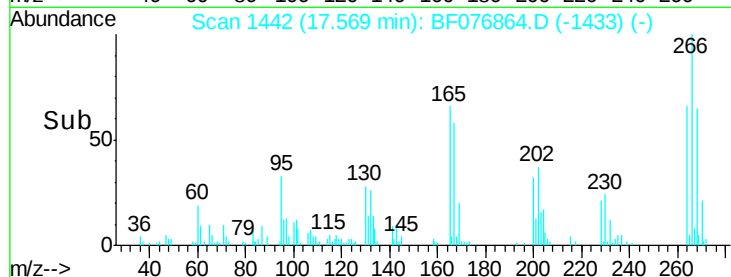
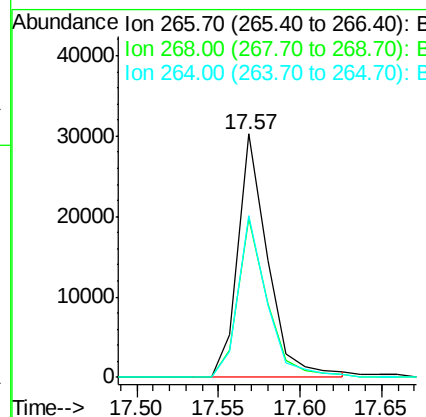
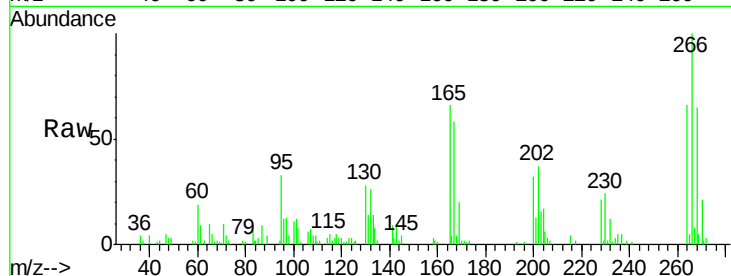
#69  
 Pentachlorophenol  
 Concen: 75.87 ng  
 RT: 17.57 min Scan# 1442  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 266   | Resp: | 38419 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 65.2  | 48.6  | 72.8  |
| 264       | 66.5  | 49.5  | 74.3  |

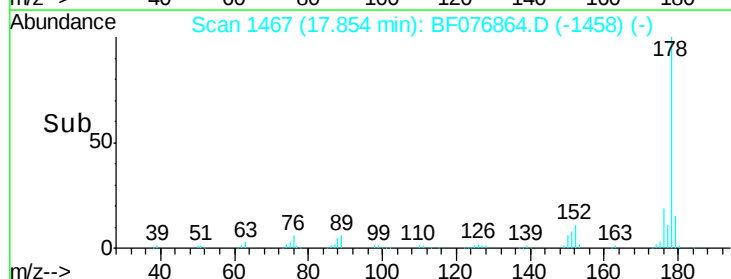
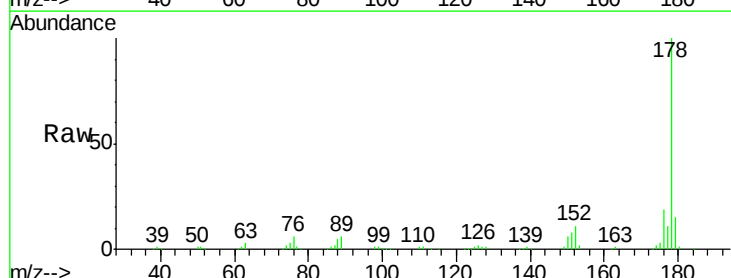
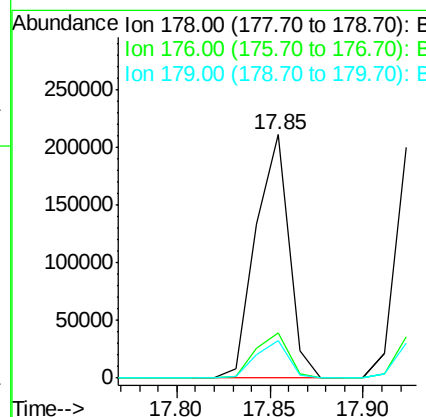
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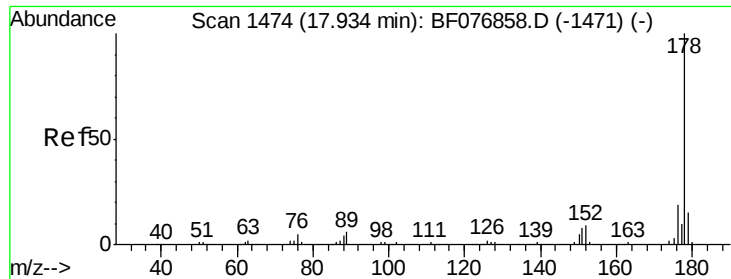
tejaskumar  
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#70  
 Phenanthrene  
 Concen: 38.45 ng  
 RT: 17.85 min Scan# 1467  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 258480 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.8  | 15.1  | 22.7   |
| 179       | 15.3  | 12.7  | 19.1   |





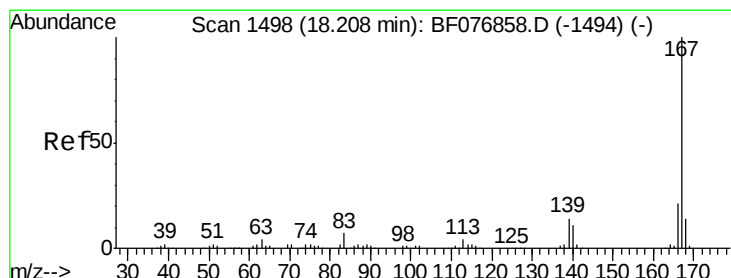
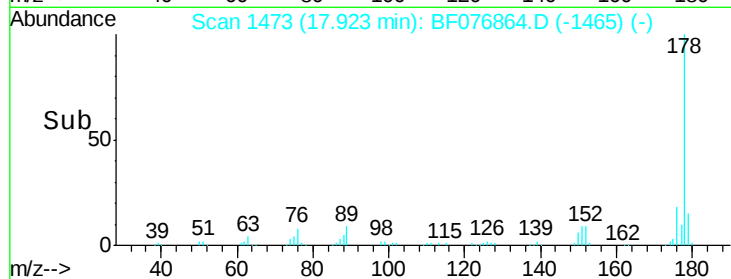
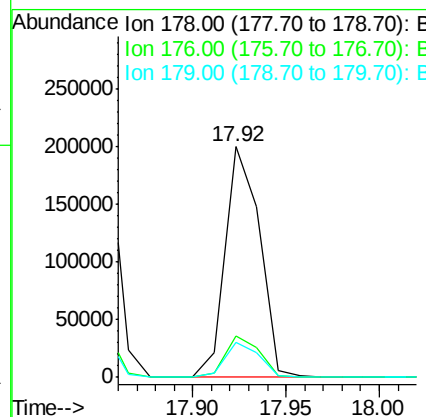
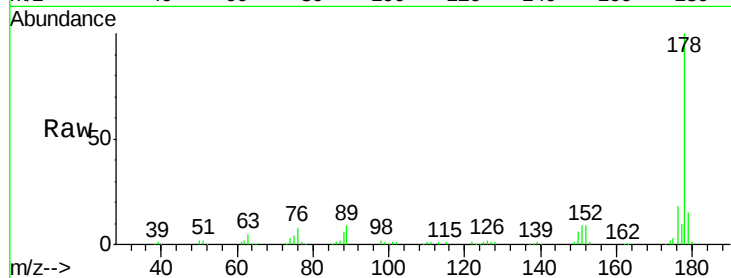
#71  
 Anthracene  
 Concen: 39.54 ng  
 RT: 17.92 min Scan# 1473  
 Delta R.T. -0.01 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 15.4  | 23.0  |
| 179     | 15.3  | 11.9  | 17.9  |

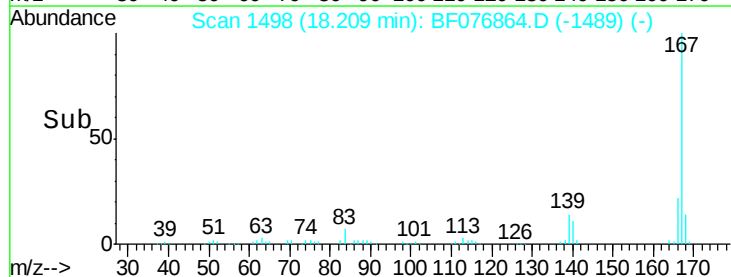
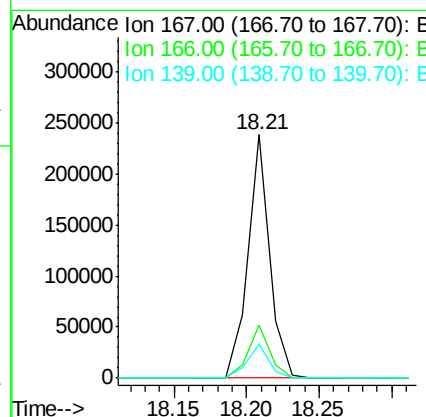
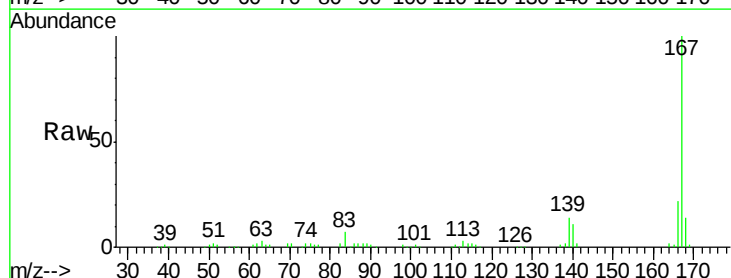
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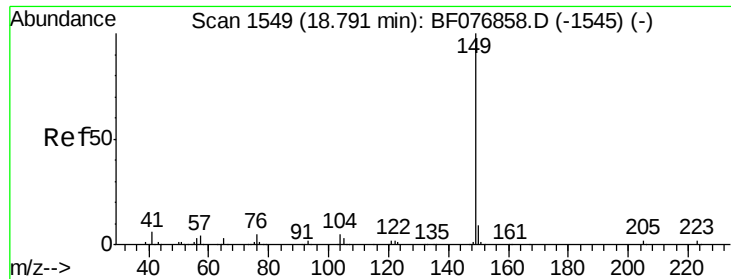
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#72  
 Carbazole  
 Concen: 38.94 ng  
 RT: 18.21 min Scan# 1498  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 17.0  | 25.6  |
| 139     | 14.0  | 11.3  | 16.9  |





#73

Di-n-butylphthalate

Concen: 42.94 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA\_F

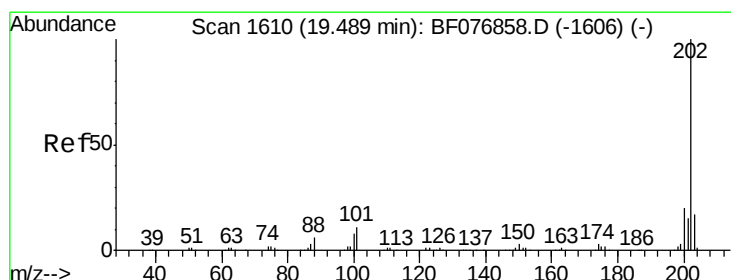
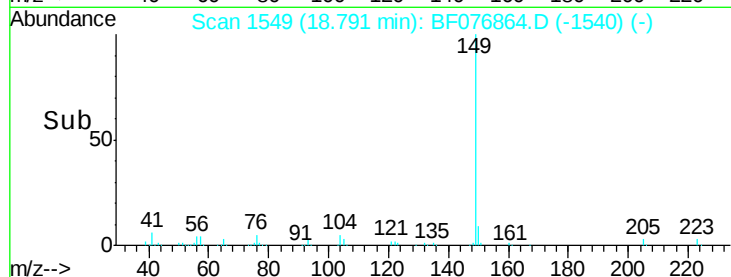
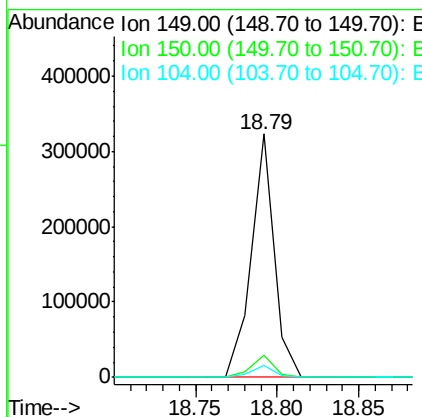
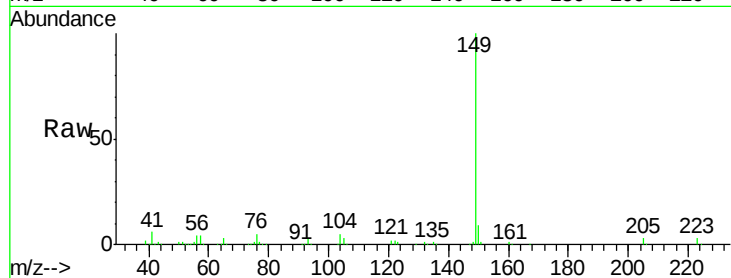
ClientSampleId :

PB81310BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 316026 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.2   | 6.9   | 10.3   |
| 104       | 4.7   | 3.7   | 5.5    |

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#74

Fluoranthene

Concen: 38.29 ng

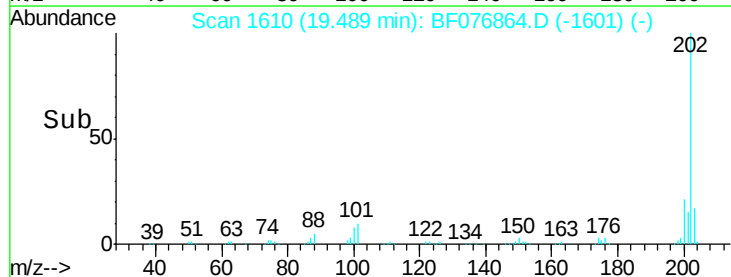
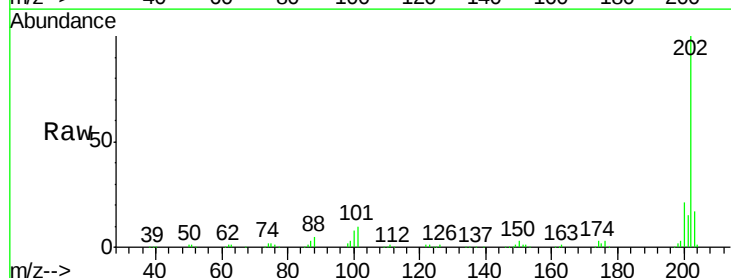
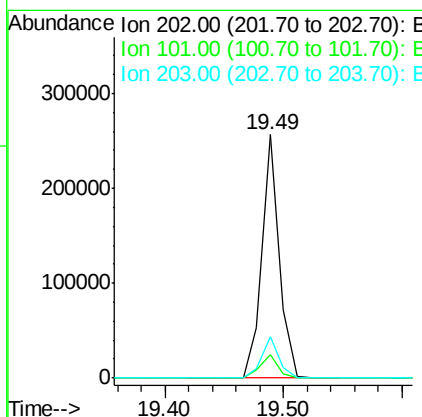
RT: 19.49 min Scan# 1610

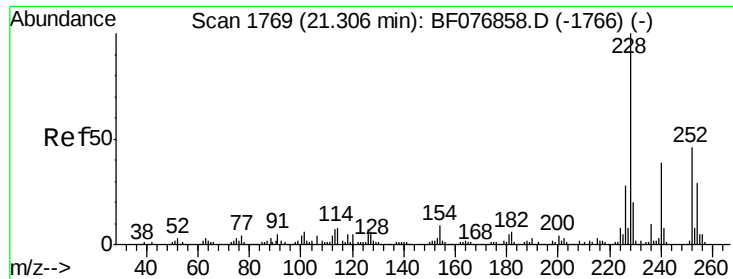
Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 263693 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.7   | 0.0   | 30.7   |
| 203       | 17.2  | 0.0   | 36.9   |





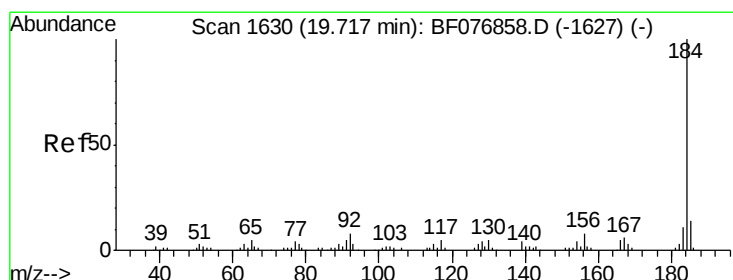
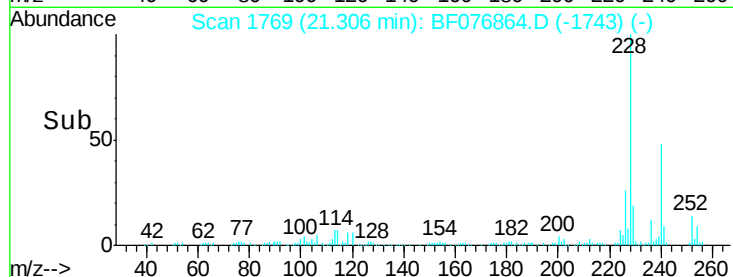
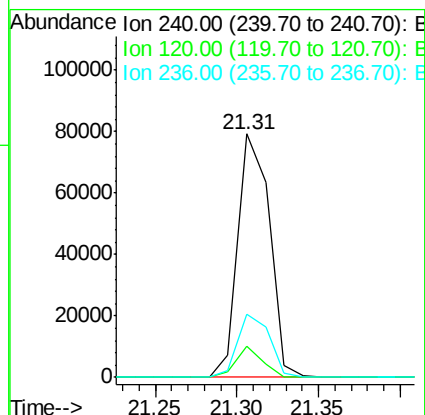
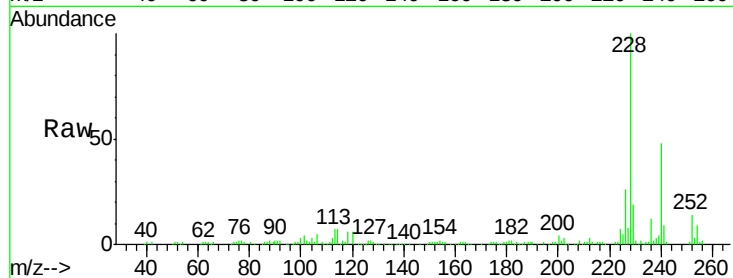
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.31 min Scan# 1769  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 240     | 100   |      |       |       |
| 120     | 12.7  | 10.4 | 15.6  |       |
| 236     | 26.1  | 20.2 | 30.2  |       |

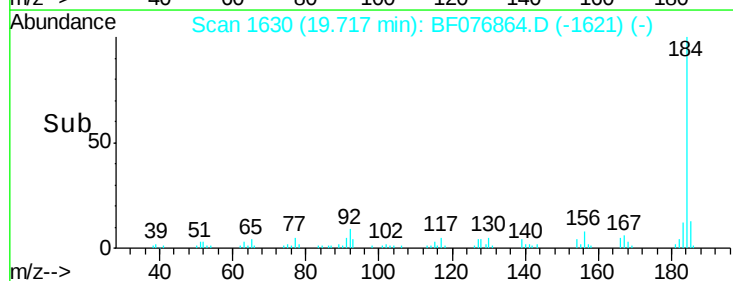
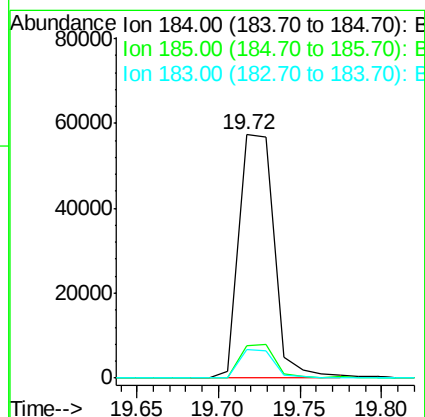
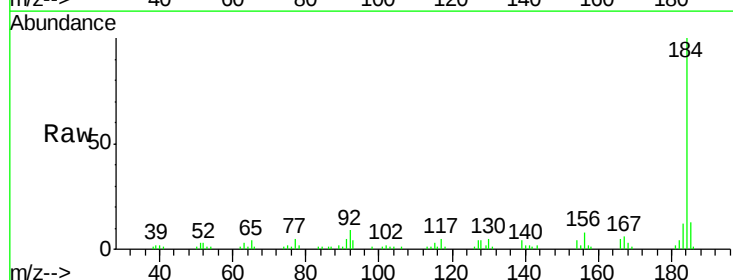
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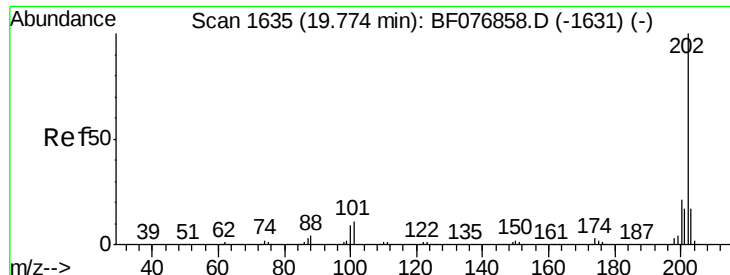
tejaskumar  
1/15/2015 2:28:20 PM



#76  
Benzidine  
Concen: 25.28 ng  
RT: 19.72 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 13.3  | 11.4 | 17.2  |       |
| 183     | 11.7  | 9.0  | 13.6  |       |





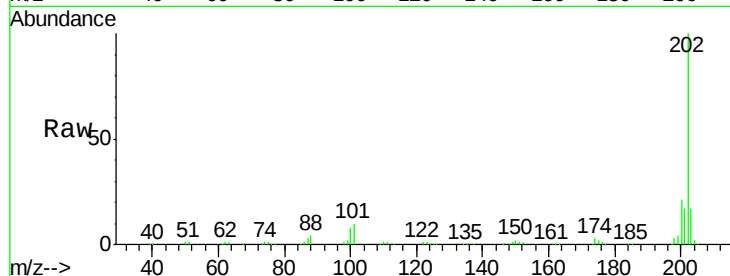
#77  
Pvrene  
Concen: 38.39 ng  
RT: 19.77 min Scan# 1635  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

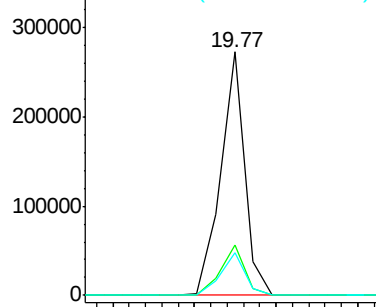
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 20.8  | 16.7       | 25.1  |
| 203     | 17.3  | 14.0       | 21.0  |

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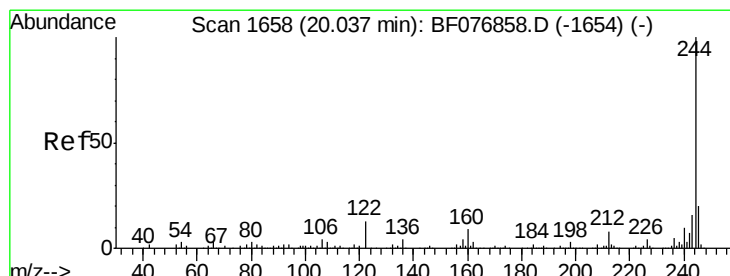
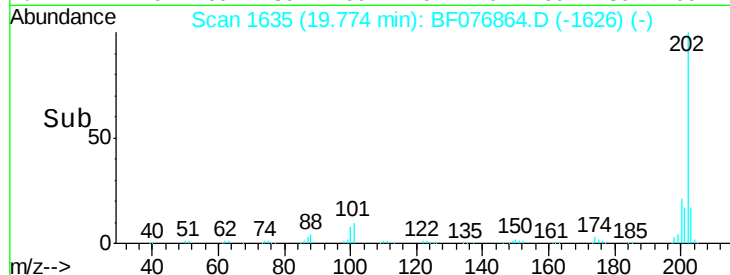
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



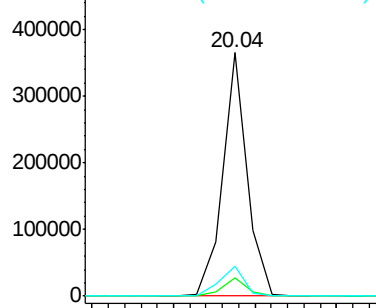
Time--> 19.70 19.75 19.80 19.85



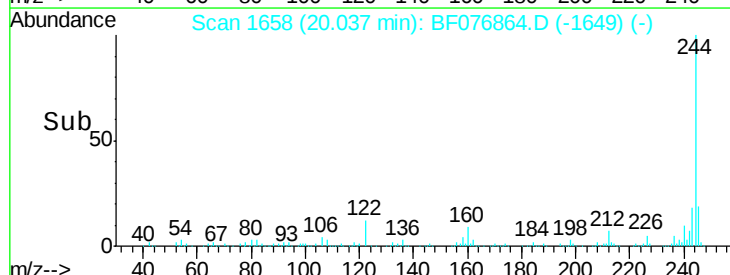
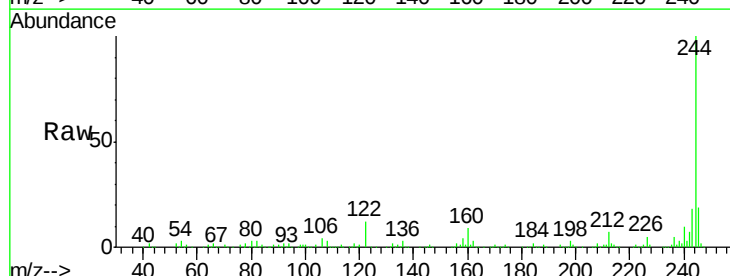
#78  
Terphenyl-d14  
Concen: 82.31 ng  
RT: 20.04 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

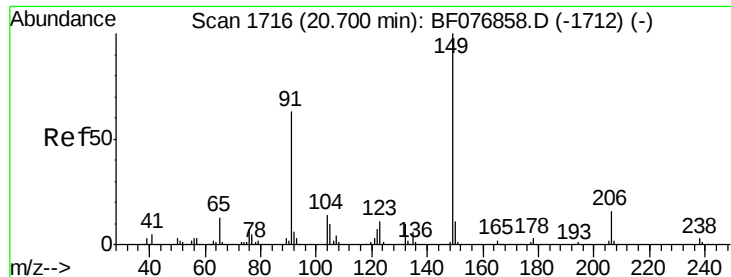
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.5   | 6.3        | 9.5   |
| 122     | 12.1  | 10.1       | 15.1  |

Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



Time--> 19.95 20.00 20.05 20.10





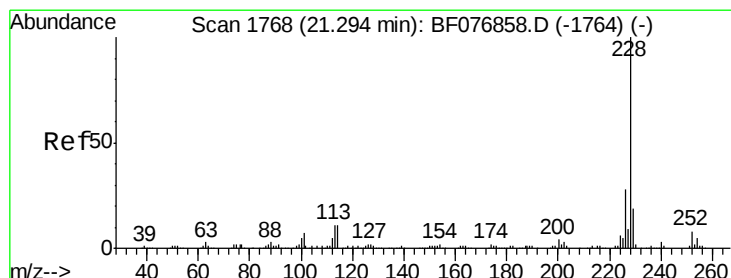
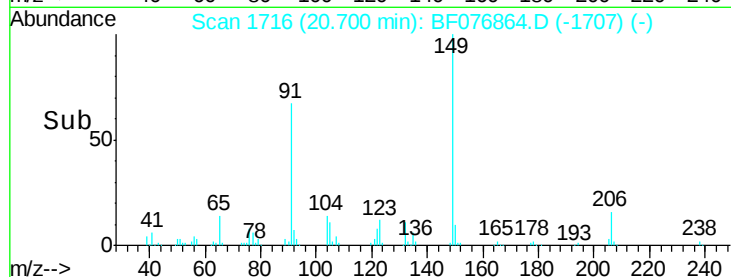
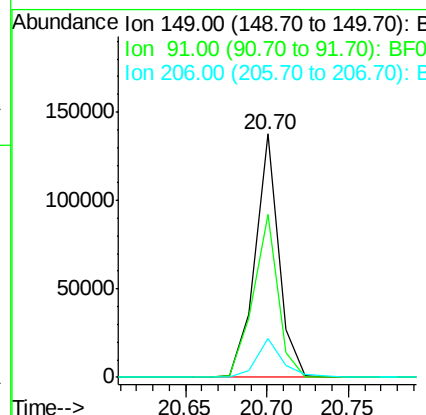
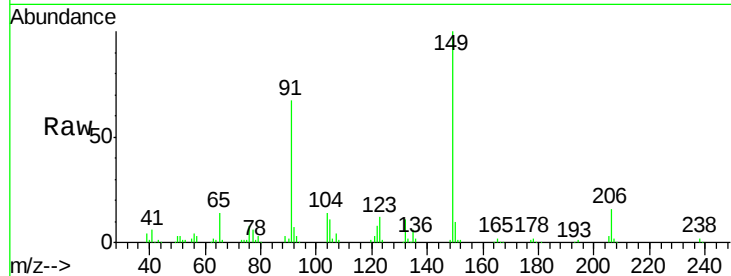
#79  
Butylbenzylphthalate  
Concen: 42.30 ng  
RT: 20.70 min Scan# 1716  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 138522 |       |       |
| 91      | 67.1  | 50.6   | 76.0  |       |
| 206     | 16.2  | 12.8   | 19.2  |       |

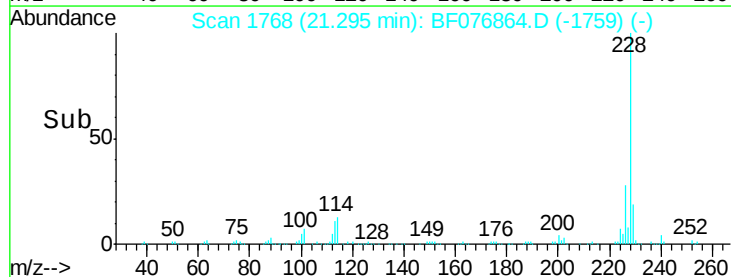
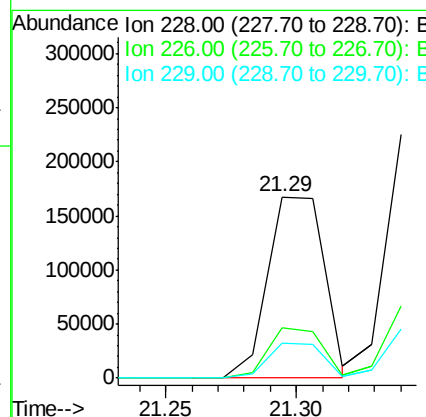
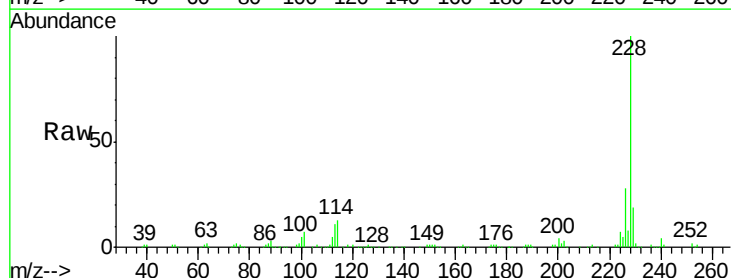
Manual Integrations  
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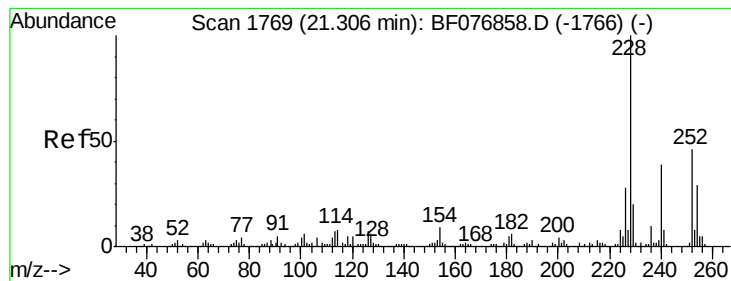
tejaskumar  
1/15/2015 2:28:20 PM



#80  
Benzo(a)anthracene  
Concen: 37.96 ng  
RT: 21.29 min Scan# 1768  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 251281 |       |       |
| 226     | 28.1  | 22.1   | 33.1  |       |
| 229     | 19.3  | 15.5   | 23.3  |       |





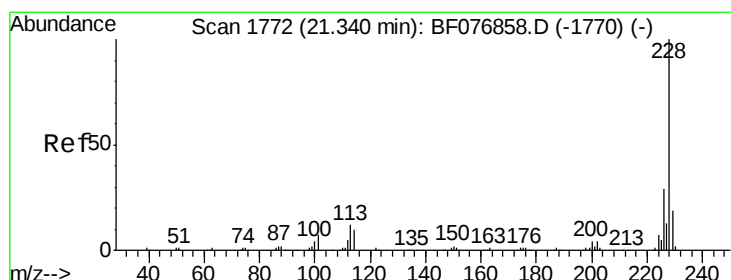
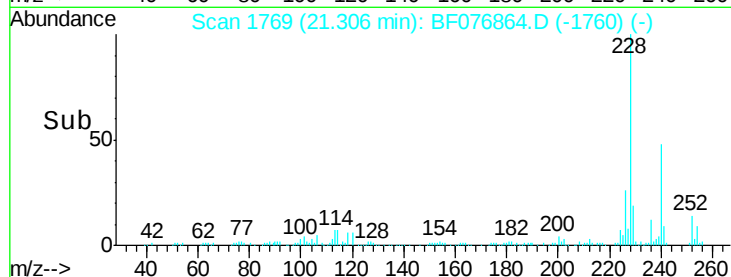
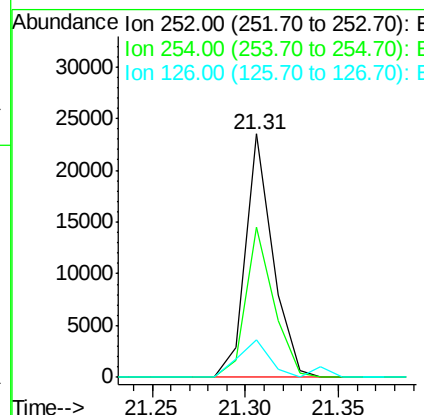
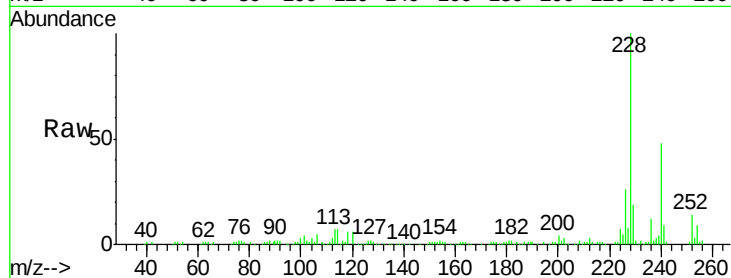
#81  
 3,3'-Dichlorobenzidine  
 Concen: 11.41 ng  
 RT: 21.31 min Scan# 1769  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 61.7  | 50.2  | 75.4  |
| 126     | 15.4  | 11.5  | 17.3  |

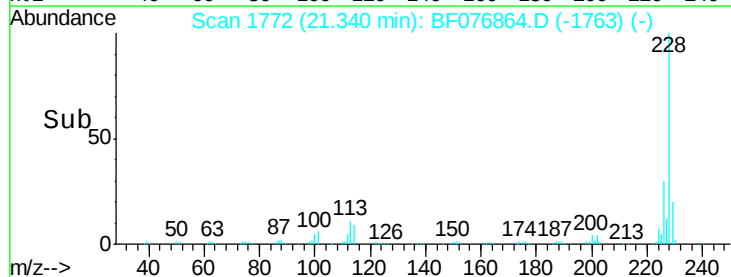
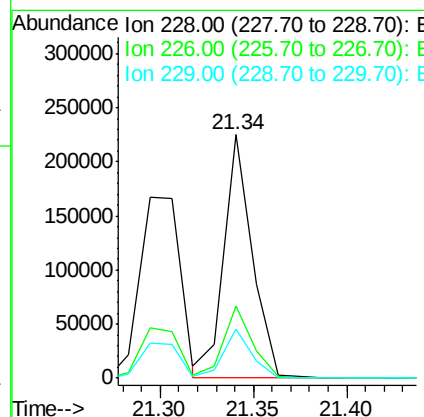
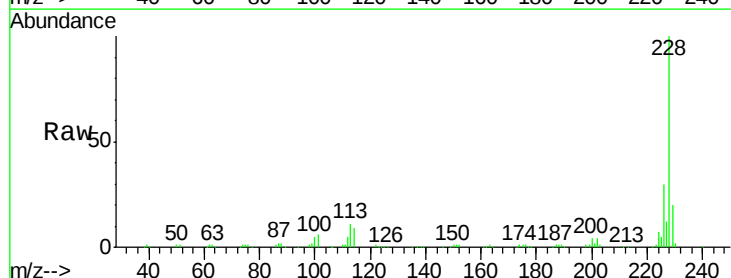
Manual Integrations  
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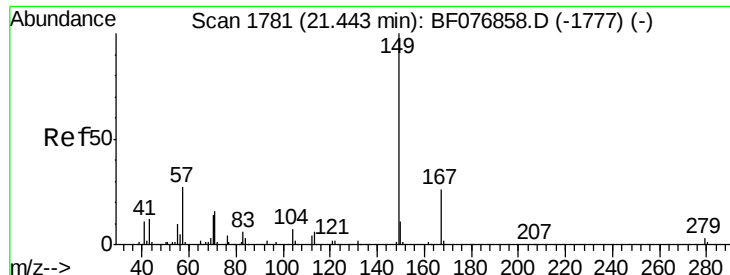
tejaskumar  
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#82  
 Chrysene  
 Concen: 39.35 ng  
 RT: 21.34 min Scan# 1772  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 23.4  | 35.0  |
| 229     | 20.3  | 15.4  | 23.0  |





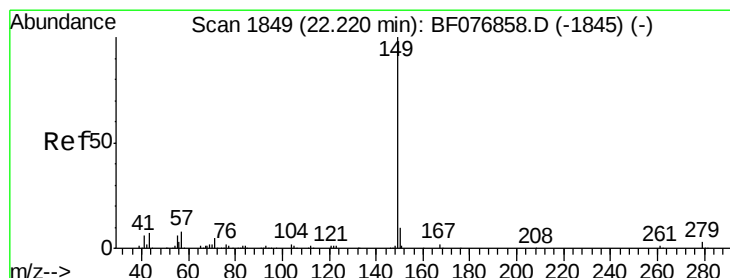
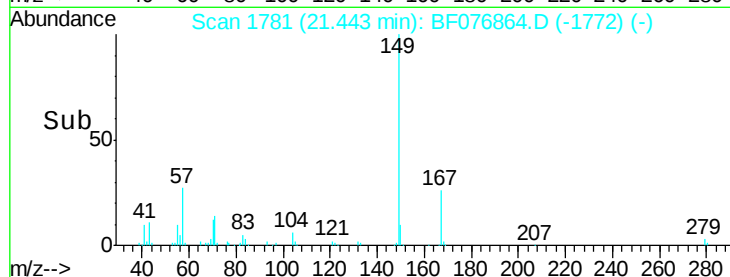
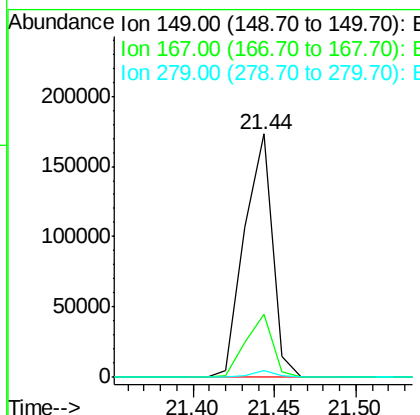
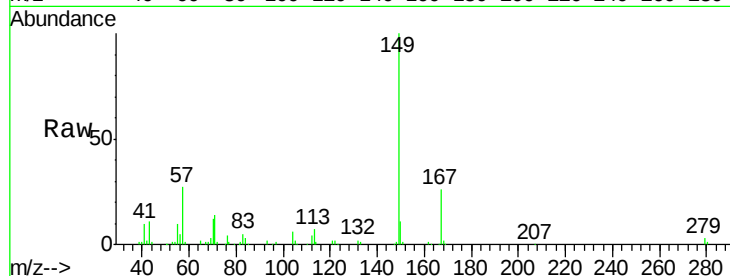
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.39 ng  
 RT: 21.44 min Scan# 1781  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81310BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 149     | 100  |       | 205663 |       |       |
| 167     | 25.7 |       | 20.6   | 30.8  |       |
| 279     | 2.6  |       | 2.2    | 3.2   |       |

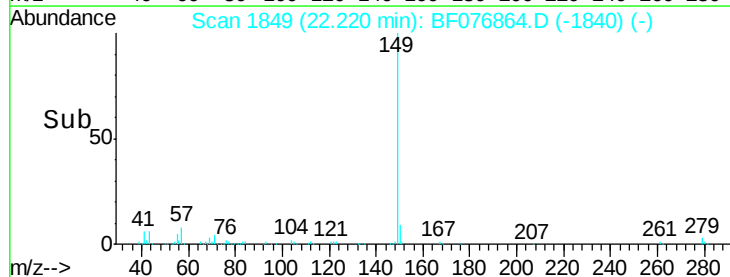
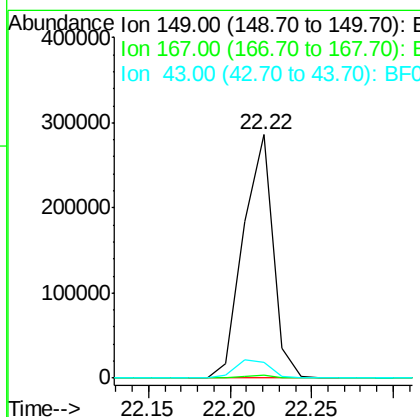
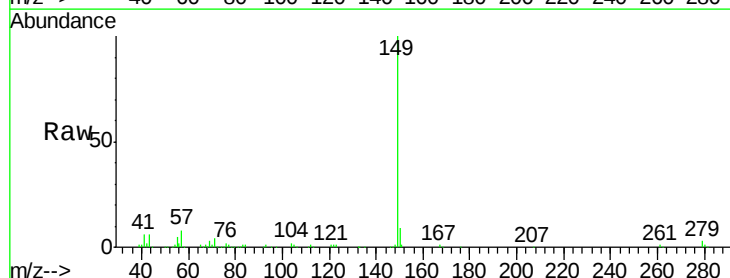
Manual Integrations  
 APPROVED

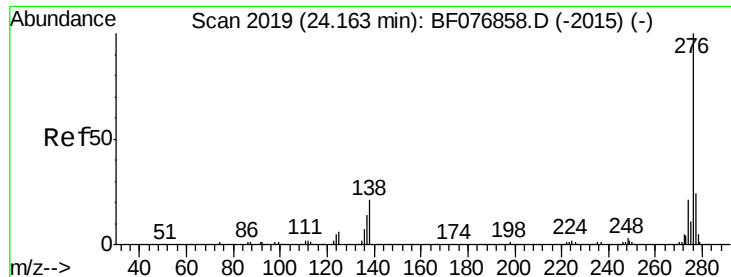
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#84  
 Di-n-octyl phthalate  
 Concen: 45.71 ng  
 RT: 22.22 min Scan# 1849  
 Delta R.T. 0.00 min  
 Lab File: BF076864.D  
 Acq: 14 Jan 2015 17:43

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 149     | 100 |       | 359476 |       |       |
| 167     | 1.3 |       | 1.1    | 1.7   |       |
| 43      | 8.5 |       | 6.6    | 10.0  |       |





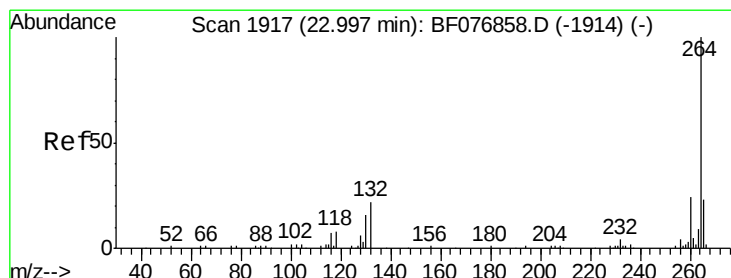
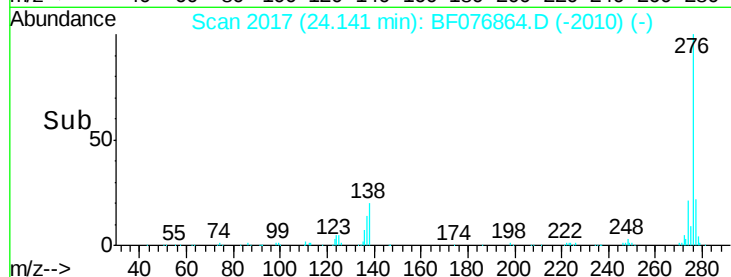
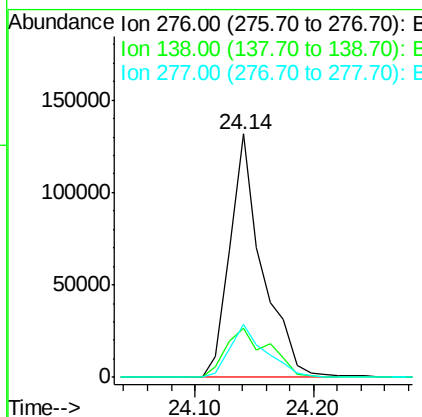
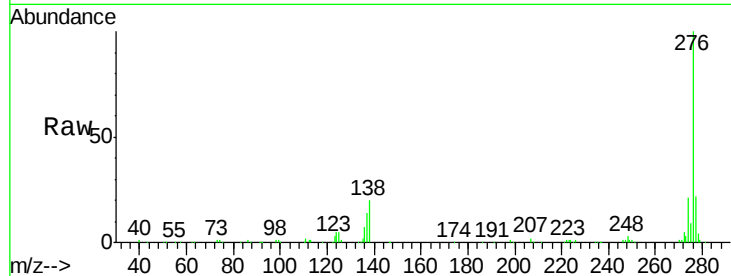
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 39.17 ng  
RT: 24.14 min Scan# 2017  
Delta R.T. -0.02 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 250627 |       |       |
| 138     | 26.9  | 14.6   | 22.0# |       |
| 277     | 24.0  | 14.8   | 22.2# |       |

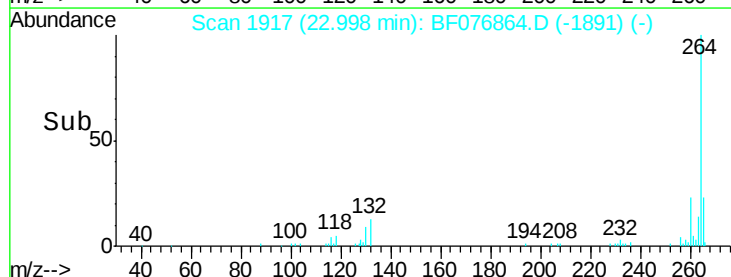
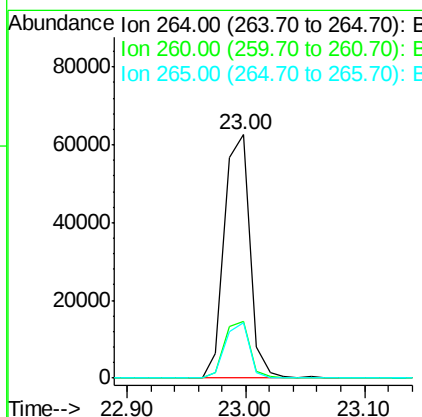
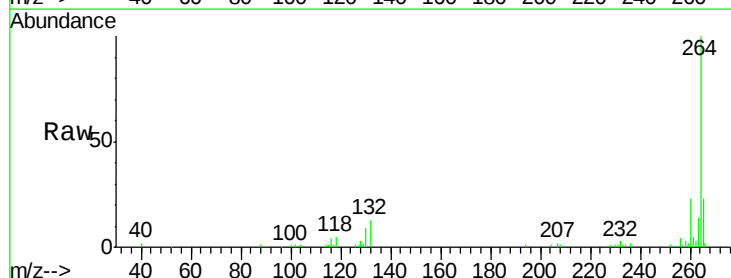
Manual Integrations  
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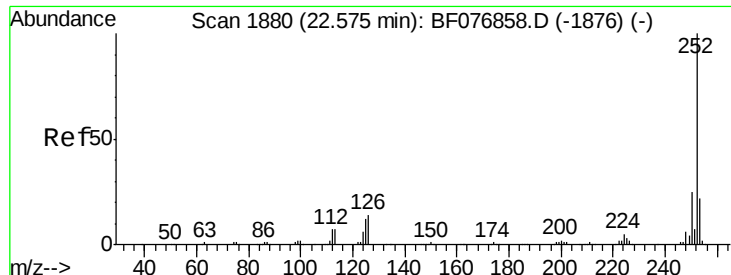
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.00 min Scan# 1917  
Delta R.T. 0.00 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 264     | 100   | 93143 |       |       |
| 260     | 23.1  | 19.0  | 28.4  |       |
| 265     | 22.6  | 18.1  | 27.1  |       |





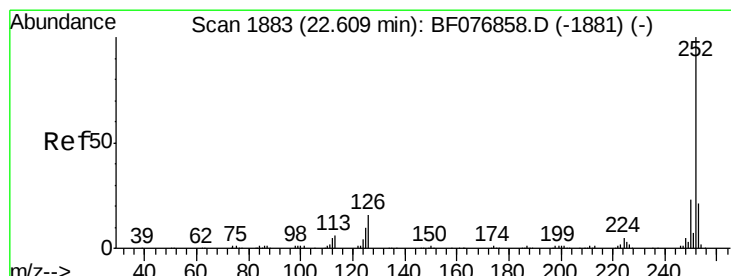
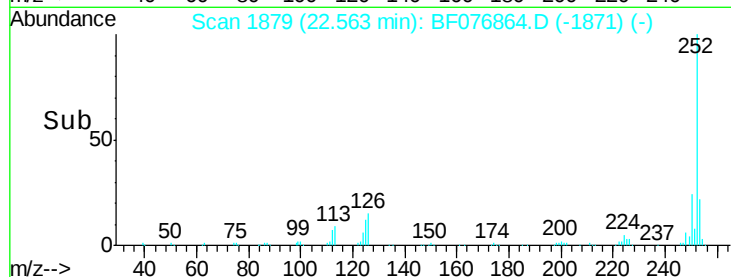
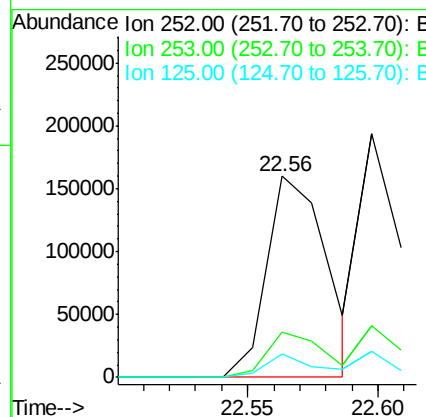
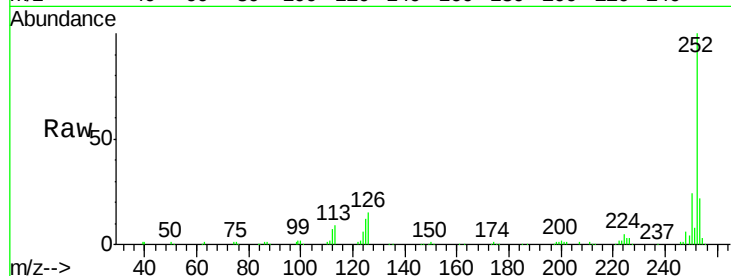
#87  
Benzo(b)fluoranthene  
Concen: 40.74 ng  
RT: 22.56 min Scan# 1879  
Delta R.T. -0.01 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 22.5  | 17.5       | 26.3  |
| 125     | 11.9  | 9.4        | 14.0  |

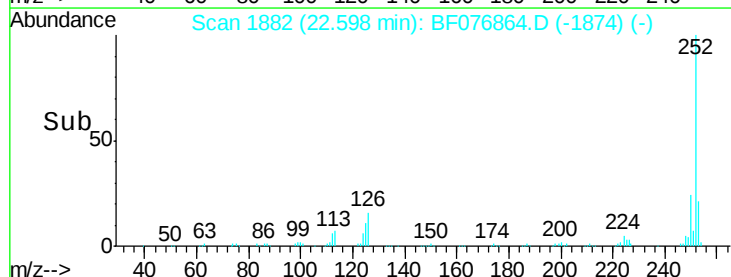
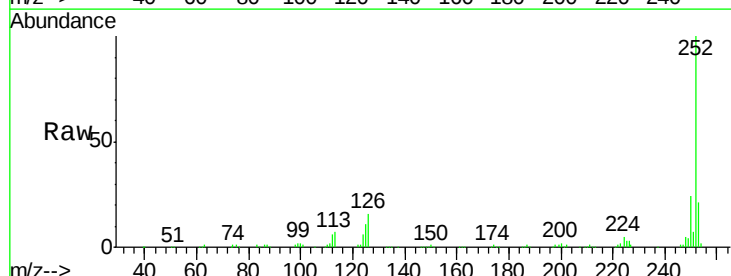
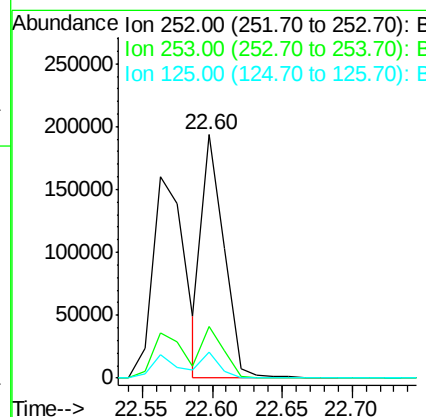
Manual Integrations  
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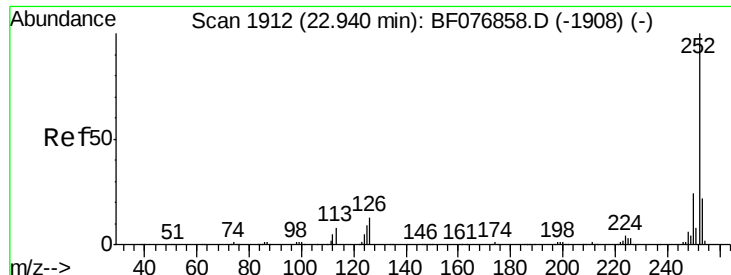
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#88  
Benzo(k)fluoranthene  
Concen: 38.83 ng m  
RT: 22.60 min Scan# 1882  
Delta R.T. -0.01 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 21.0  | 17.2       | 25.8  |
| 125     | 10.9  | 7.1        | 10.7  |





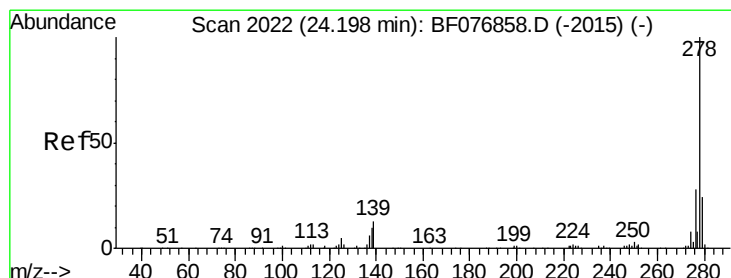
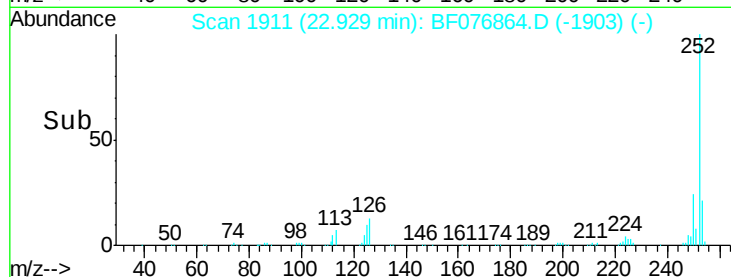
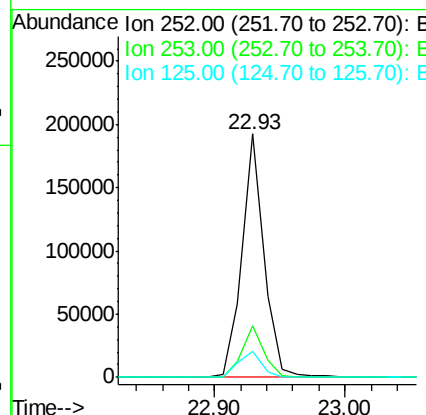
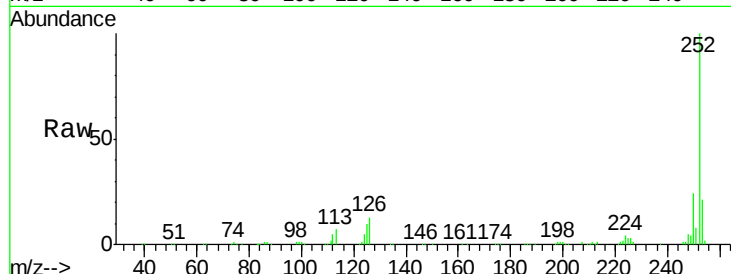
#89  
Benzo(a)pyrene  
Concen: 40.74 ng  
RT: 22.93 min Scan# 1911  
Delta R.T. -0.01 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB81310BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 17.9  | 26.9  |
| 125     | 10.5  | 7.2   | 10.8  |

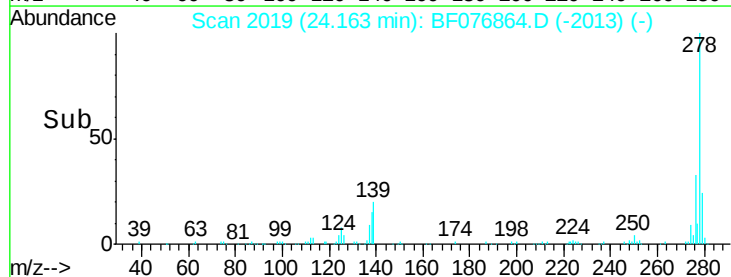
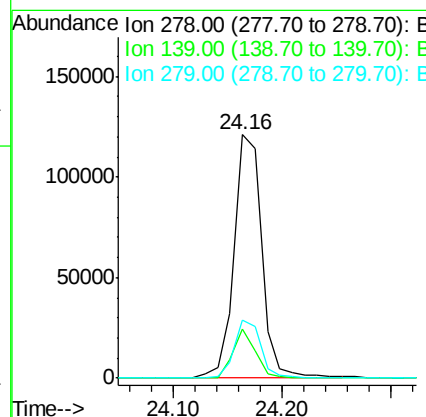
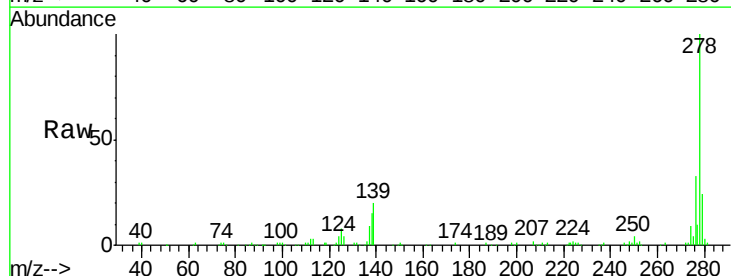
Manual Integrations  
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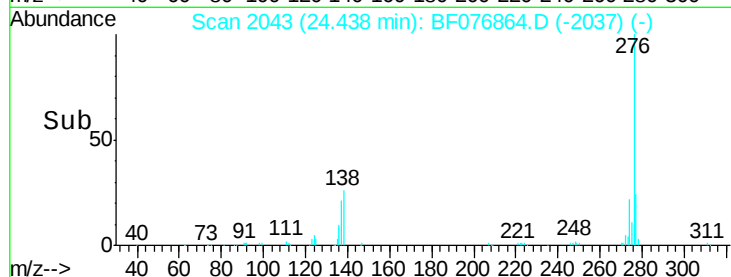
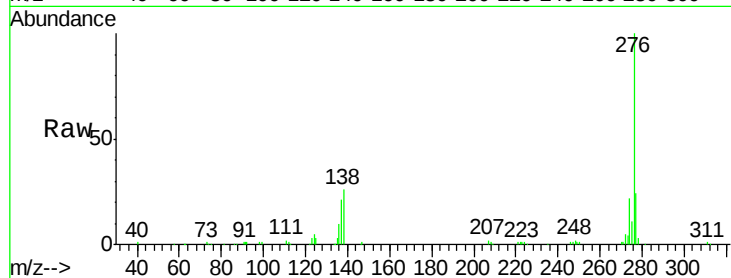
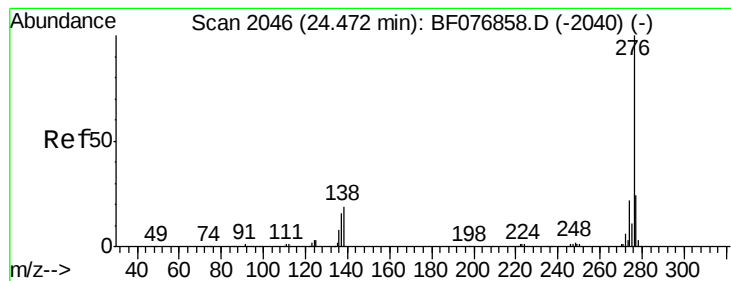
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.29 ng  
RT: 24.16 min Scan# 2019  
Delta R.T. -0.03 min  
Lab File: BF076864.D  
Acq: 14 Jan 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.0  | 10.5  | 15.7# |
| 279     | 23.8  | 19.3  | 28.9  |





#91

Benzo(a,h,i)perylene

Concen: 40.11 ng

RT: 24.44 min Scan# 2043

Delta R.T. -0.03 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 277     | 23.7  | 19.5 | 29.3  |       |
| 138     | 25.5  | 15.0 | 22.6  |       |

Instrument :

BNA\_F

ClientSampleId :

PB81310BS

Manual Integrations  
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