

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\  
 Data File : BF079434.D  
 Acq On : 22 May 2015 15:43  
 Operator : TP/IZ  
 Sample : G2255-03MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD

Manual Integrations  
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apatel  
 5/27/2015 8:15:27 AM

Quant Time: May 22 23:34:34 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 22 22:53:44 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.05  | 152  | 64409    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.63  | 136  | 261776   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.80 | 164  | 128139   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.64 | 188  | 235982   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.94 | 240  | 226398   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 17.79 | 264  | 230422   | 20.00 | ng    | -0.06    |

|                             |       |     |        |       |    |      |
|-----------------------------|-------|-----|--------|-------|----|------|
| System Monitoring Compounds |       |     |        |       |    |      |
| 5) 2-Fluorophenol           | 5.34  | 112 | 11941m | 3.19  | ng | 0.01 |
| 7) Phenol-d6                | 6.64  | 99  | 11146m | 2.25  | ng | 0.01 |
| 23) Nitrobenzene-d5         | 7.75  | 82  | 34680  | 7.61  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 11.78 | 330 | 17527  | 12.64 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.98  | 172 | 83150  | 9.04  | ng | 0.00 |
| 78) Terphenyl-d14           | 14.63 | 244 | 126427 | 13.37 | ng | 0.00 |

|                                |       |     |        |       |        |      |
|--------------------------------|-------|-----|--------|-------|--------|------|
| Target Compounds               |       |     |        |       | Qvalue |      |
| 2) 1,4-Dioxane                 | 1.92  | 88  | 7840m  | 4.82  | ng     |      |
| 8) 2-Chlorophenol              | 6.79  | 128 | 22936  | 5.40  | ng     | 87   |
| 9) Benzaldehyde                | 6.50  | 77  | 25447m | 7.64  | ng     |      |
| 11) bis(2-Chloroethyl)ether    | 6.74  | 93  | 32247  | 7.67  | ng     | 88   |
| 12) 1,3-Dichlorobenzene        | 6.97  | 146 | 28895  | 6.06  | ng     | # 91 |
| 13) 1,4-Dichlorobenzene        | 7.07  | 146 | 29702  | 6.05  | ng     | 98   |
| 14) 1,2-Dichlorobenzene        | 7.26  | 146 | 29584  | 6.47  | ng     | 97   |
| 15) Benzyl Alcohol             | 7.26  | 79  | 15882m | 4.33  | ng     |      |
| 16) 2,2'-oxybis(1-Chloropropan | 7.42  | 45  | 45787  | 7.12  | ng     | 94   |
| 17) 2-Methylphenol             | 7.39  | 107 | 8743   | 2.56  | ng     | # 92 |
| 18) Hexachloroethane           | 7.67  | 117 | 10150  | 6.00  | ng     | 91   |
| 19) n-Nitroso-di-n-propylamine | 7.58  | 70  | 26234  | 7.85  | ng     | 98   |
| 20) 3+4-Methylphenols          | 7.60  | 107 | 13376  | 2.94  | ng     | # 48 |
| 22) Acetophenone               | 7.56  | 105 | 48844  | 8.26  | ng     | # 88 |
| 24) Nitrobenzene               | 7.77  | 77  | 35401  | 7.84  | ng     | 91   |
| 25) Isophorone                 | 8.07  | 82  | 75280  | 8.92  | ng     | # 88 |
| 26) 2-Nitrophenol              | 8.17  | 139 | 12351  | 6.61  | ng     | 93   |
| 27) 2,4-Dimethylphenol         | 8.24  | 122 | 10973  | 2.93  | ng     | 90   |
| 28) bis(2-Chloroethoxy)methane | 8.35  | 93  | 44749  | 8.60  | ng     | 98   |
| 29) 2,4-Dichlorophenol         | 8.47  | 162 | 22485  | 6.76  | ng     | 98   |
| 30) 1,2,4-Trichlorobenzene     | 8.56  | 180 | 24418  | 6.69  | ng     | 98   |
| 31) Naphthalene                | 8.65  | 128 | 105754 | 8.48  | ng     | 97   |
| 32) Benzoic acid               | 8.34  | 122 | 3501   | 7.61  | ng     | 88   |
| 33) 4-Chloroaniline            | 8.74  | 127 | 29347  | 5.56  | ng     | # 91 |
| 34) Hexachlorobutadiene        | 8.81  | 225 | 13443  | 6.39  | ng     | 95   |
| 36) 4-Chloro-3-methylphenol    | 9.36  | 107 | 23473  | 6.72  | ng     | 98   |
| 37) 2-Methylnaphthalene        | 9.52  | 142 | 68456  | 7.92  | ng     | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.72  | 216 | 27473  | 7.61  | ng     | 95   |
| 40) Hexachlorocyclopentadiene  | 9.70  | 237 | 24011  | 13.23 | ng     | 94   |
| 42) 2,4,6-Trichlorophenol      | 9.87  | 196 | 17747  | 7.15  | ng     | 97   |
| 43) 2,4,5-Trichlorophenol      | 9.92  | 196 | 20386  | 8.13  | ng     | # 89 |
| 45) 1,1'-Biphenyl              | 10.10 | 154 | 89989  | 8.83  | ng     | 98   |
| 46) 2-Chloronaphthalene        | 10.11 | 162 | 71198  | 8.96  | ng     | 96   |
| 47) 2-Nitroaniline             | 10.25 | 65  | 21720  | 9.43  | ng     | 92   |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\  
 Data File : BF079434.D  
 Acq On : 22 May 2015 15:43  
 Operator : TP/IZ  
 Sample : G2255-03MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD

Manual Integrations  
 APPROVED

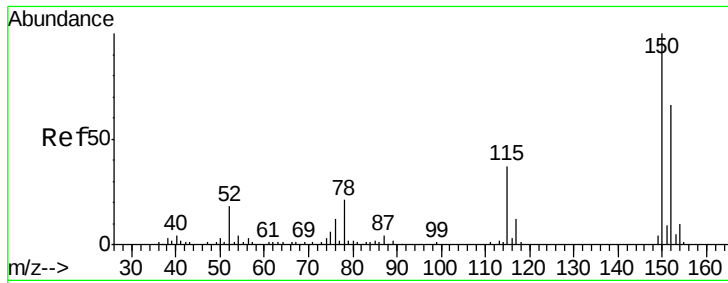
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 5/27/2015 8:15:27 AM

Quant Time: May 22 23:34:34 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 22 22:53:44 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 48) Acenaphthylene             | 10.63 | 152  | 127112   | 9.74  | nq    | 97       |
| 49) Dimethylphthalate          | 10.49 | 163  | 104423   | 11.10 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 10.56 | 165  | 23981    | 12.92 | nq #  | 50       |
| 51) Acenaphthene               | 10.83 | 154  | 74590    | 9.59  | nq    | 99       |
| 52) 3-Nitroaniline             | 10.77 | 138  | 18811    | 8.11  | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 10.91 | 184  | 7478     | 19.71 | nq #  | 65       |
| 54) Dibenzofuran               | 11.05 | 168  | 113464   | 10.10 | nq    | 98       |
| 55) 4-Nitrophenol              | 11.04 | 139  | 6695m    | 3.65  | nq    |          |
| 56) 2,4-Dinitrotoluene         | 11.06 | 165  | 26337    | 10.73 | nq #  | 88       |
| 57) Fluorene                   | 11.47 | 166  | 99133    | 10.75 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.21 | 232  | 19492    | 9.51  | nq    | 99       |
| 59) Diethylphthalate           | 11.36 | 149  | 106982   | 11.48 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 11.49 | 204  | 43808    | 10.71 | nq    | 94       |
| 61) 4-Nitroaniline             | 11.52 | 138  | 21197    | 9.14  | nq    | 91       |
| 62) Azobenzene                 | 11.68 | 77   | 97828    | 10.66 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 11.57 | 198  | 6875     | 10.63 | nq #  | 67       |
| 66) 4-Bromophenyl-phenylether  | 12.09 | 248  | 27782    | 11.29 | nq    | 94       |
| 67) Hexachlorobenzene          | 12.15 | 284  | 31015    | 11.03 | nq #  | 85       |
| 68) Atrazine                   | 12.31 | 200  | 22804    | 9.98  | nq    | 99       |
| 69) Pentachlorophenol          | 12.41 | 266  | 28819    | 22.86 | nq    | 99       |
| 70) Phenanthrene               | 12.66 | 178  | 156426   | 11.85 | nq    | 100      |
| 71) Anthracene                 | 12.73 | 178  | 153967   | 11.89 | nq    | 99       |
| 72) Carbazole                  | 12.94 | 167  | 143380   | 11.62 | nq    | 99       |
| 73) Di-n-butylphthalate        | 13.39 | 149  | 191803   | 12.96 | nq    | 100      |
| 74) Fluoranthene               | 14.14 | 202  | 165842   | 12.06 | nq    | 96       |
| 77) Pyrene                     | 14.41 | 202  | 175286   | 13.44 | nq    | 99       |
| 79) Butylbenzylphthalate       | 15.26 | 149  | 75528    | 13.24 | nq    | 98       |
| 80) Benzo(a)anthracene         | 15.93 | 228  | 158255   | 12.76 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.92 | 252  | 15925    | 3.61  | nq #  | 93       |
| 82) Chrysene                   | 15.98 | 228  | 152594   | 12.80 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 16.01 | 149  | 113642   | 13.16 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 16.85 | 149  | 183947   | 12.09 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.17 | 276  | 178427   | 11.74 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 17.31 | 252  | 151226   | 11.99 | nq #  | 96       |
| 88) Benzo(k)fluoranthene       | 17.35 | 252  | 159980m  | 13.10 | nq    |          |
| 89) Benzo(a)pyrene             | 17.73 | 252  | 146833   | 12.64 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 19.19 | 278  | 146612   | 11.88 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 19.57 | 276  | 151955   | 12.28 | nq    | 97       |

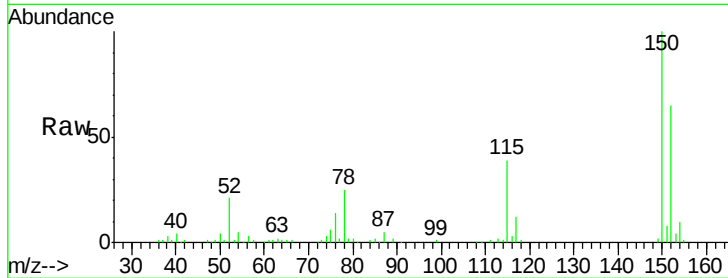
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.05 min Scan# 513  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

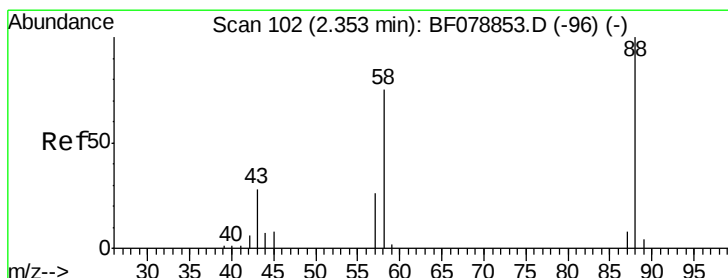
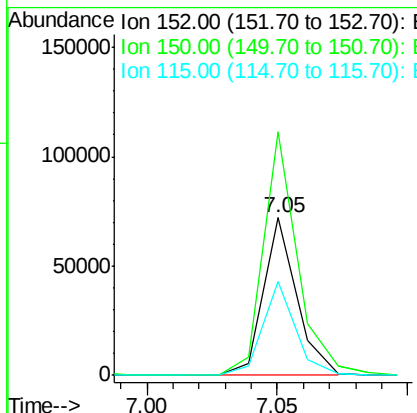
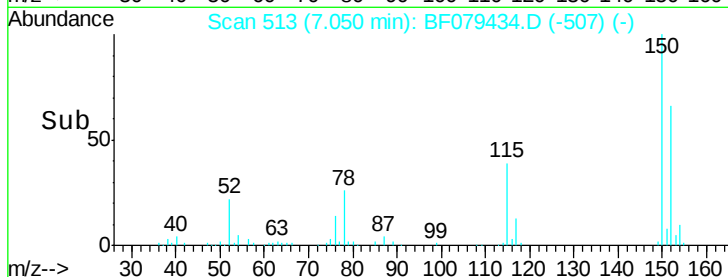
Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD



| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.5 | 123.8 | 185.8 |
| 115     | 59.7  | 49.4  | 74.0  |

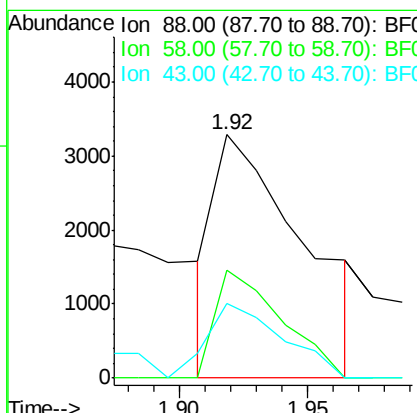
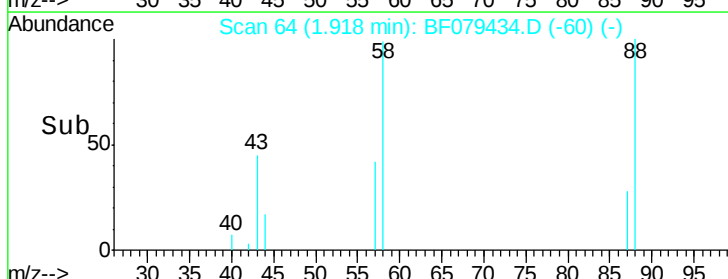
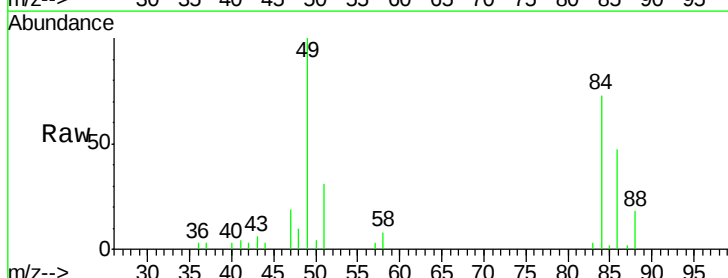
Manual Integrations  
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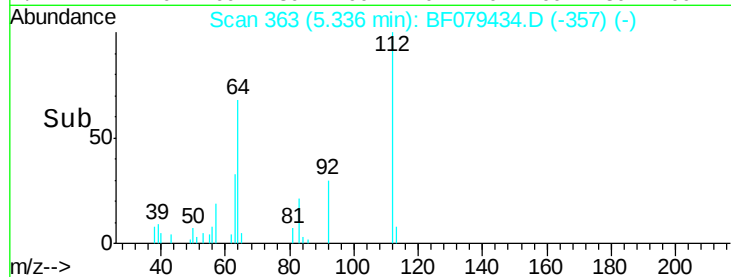
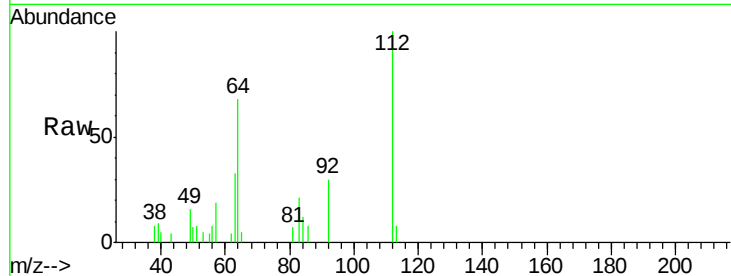
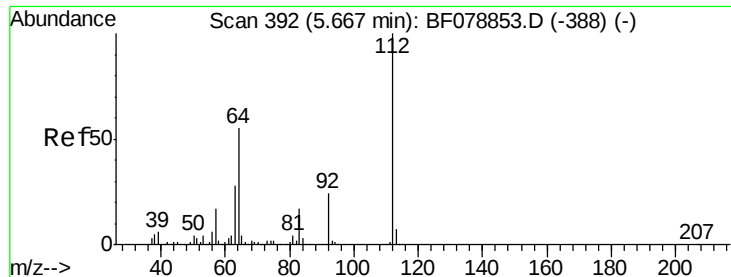
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 5/27/2015 8:15:27 AM



#2  
 1,4-Dioxane  
 Concen: 4.82 ng m  
 RT: 1.92 min Scan# 64  
 Delta R.T. 0.02 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 0.0   | 63.5  | 95.3# |
| 43      | 0.0   | 24.6  | 37.0# |





#5

2-Fluorophenol

Concen: 3.19 ng/mL

RT: 5.34 min Scan# 363

Delta R.T. 0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 112   | Resp: | 11941 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 68.2  | 44.2  | 66.2# |
| 63        | 33.2  | 22.7  | 34.1  |

Instrument :

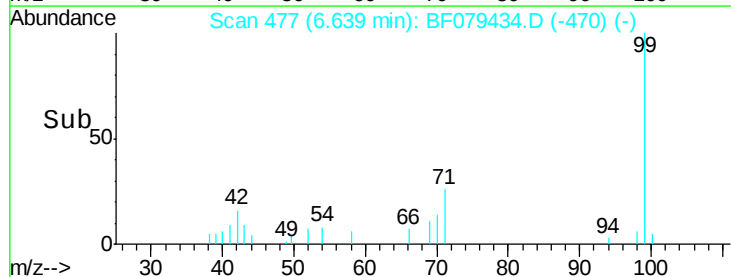
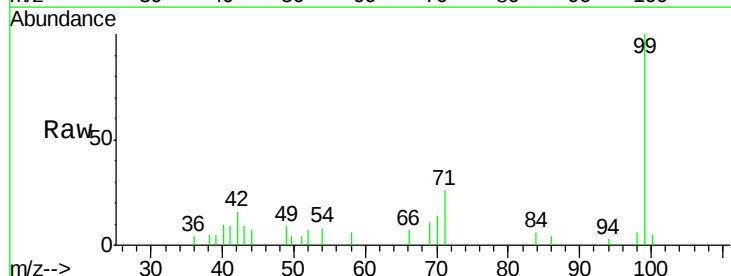
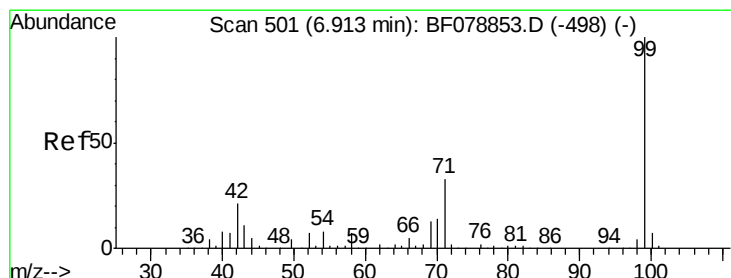
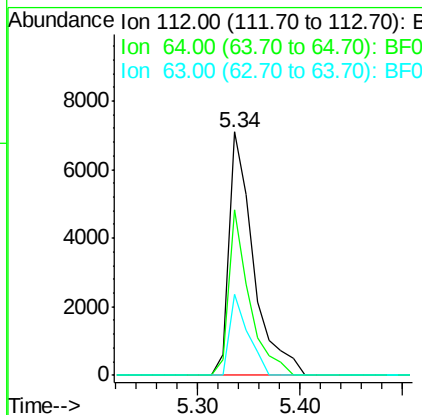
BNA\_F

ClientSampleId :

KY024MW068-150512MSD

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5/27/2015 8:15:27 AM



#7

Phenol-d6

Concen: 2.25 ng/mL

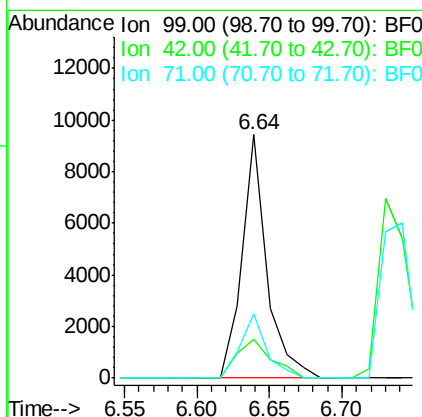
RT: 6.64 min Scan# 477

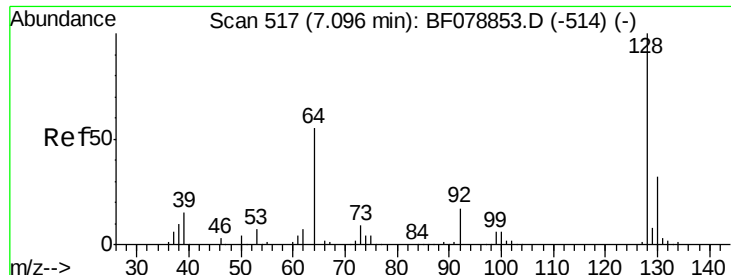
Delta R.T. 0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 11146 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 16.1  | 17.1  | 25.7# |
| 71        | 26.2  | 26.3  | 39.5# |





#8

2-Chlorophenol

Concen: 5.40 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

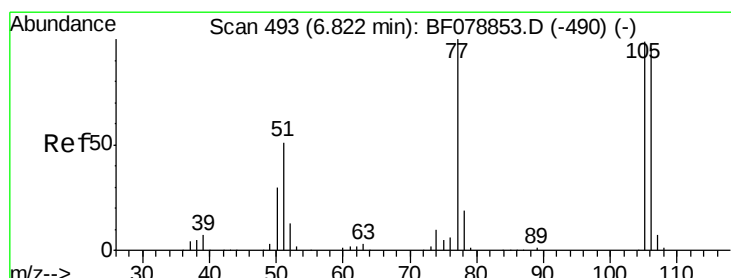
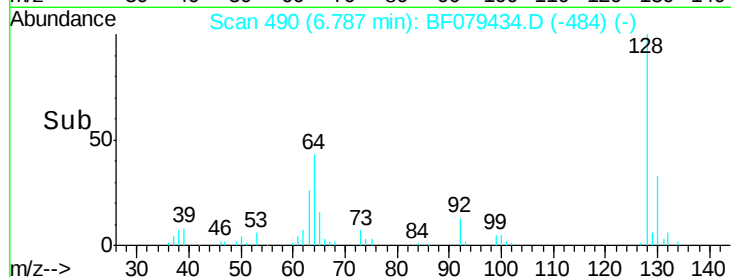
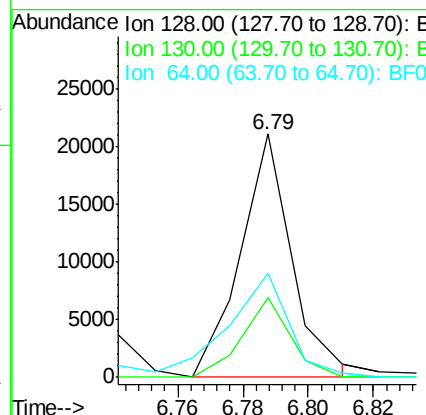
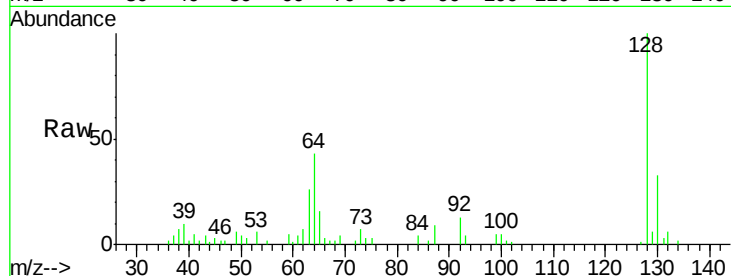
ClientSampleId :

KY024MW068-150512MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 22936 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 32.7  | 12.4  | 52.4  |
| 64        | 42.7  | 37.8  | 77.8  |

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5/27/2015 8:15:27 AM



#9

Benzaldehyde

Concen: 7.64 ng m

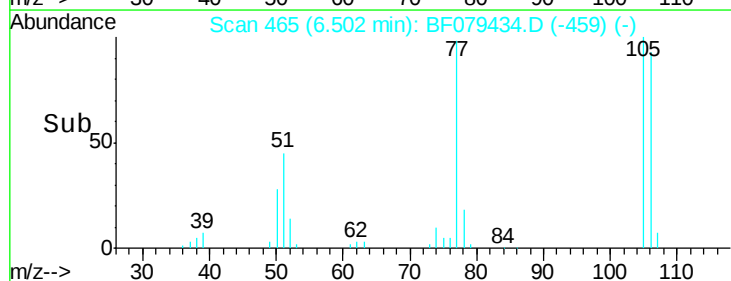
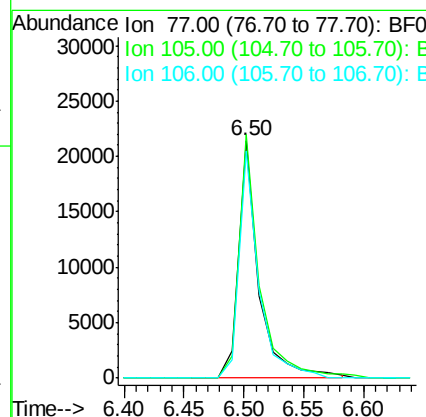
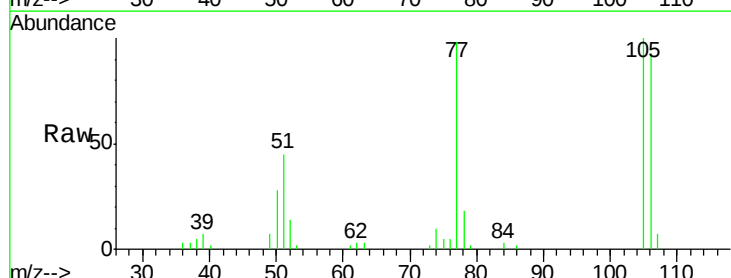
RT: 6.50 min Scan# 465

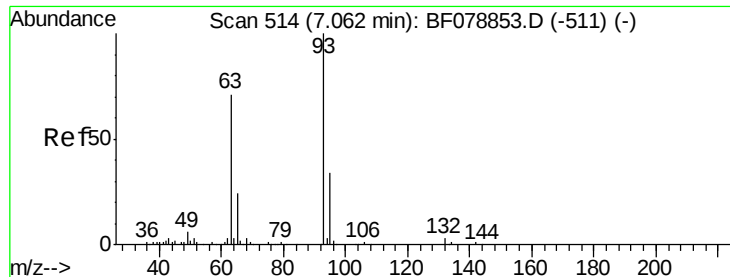
Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 25447 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 102.4 | 78.9  | 118.9 |
| 106       | 95.4  | 75.8  | 115.8 |





#11

bis(2-Chloroethyl)ether

Concen: 7.67 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

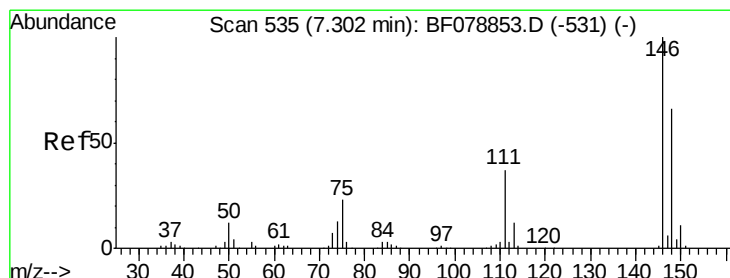
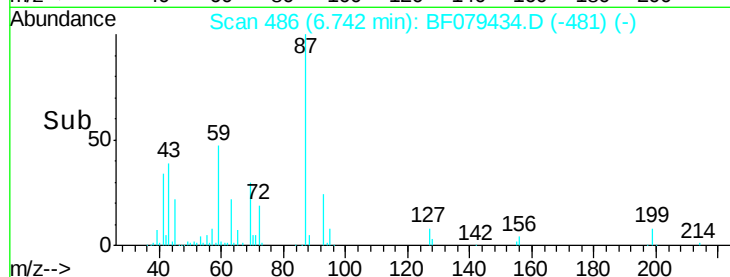
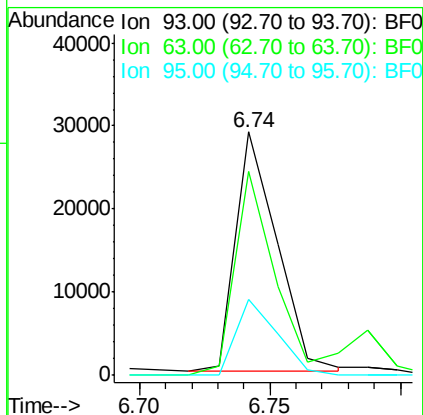
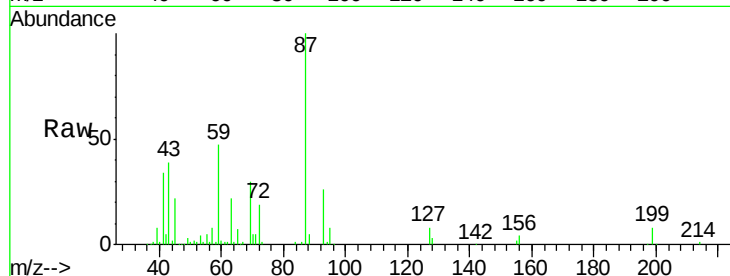
ClientSampleId :

KY024MW068-150512MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 93    | Resp: | 32247 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 83.7  | 50.8  | 90.8  |
| 95        | 31.3  | 13.9  | 53.9  |

Manual Integrations  
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#12

1,3-Dichlorobenzene

Concen: 6.06 ng

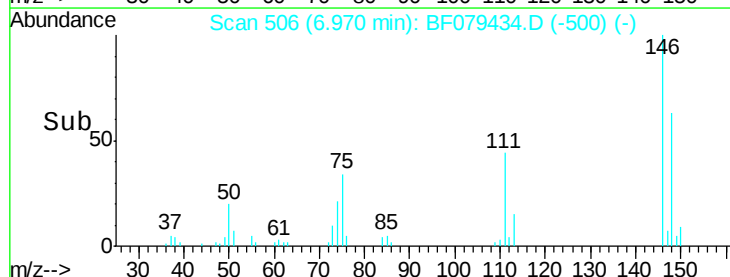
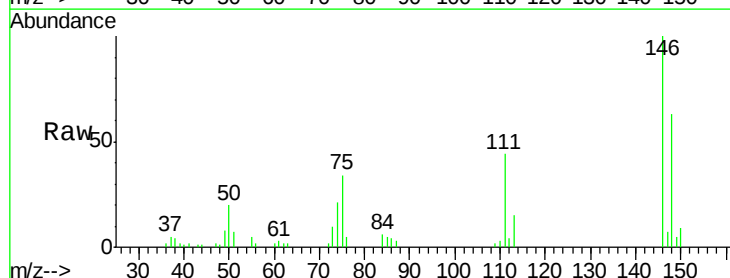
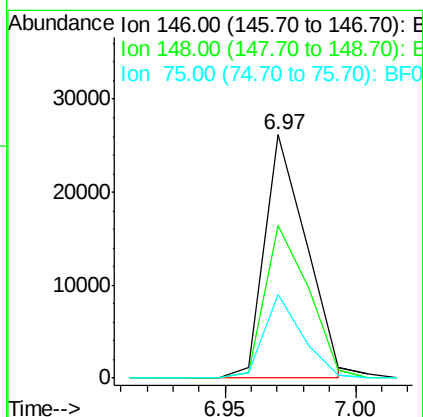
RT: 6.97 min Scan# 506

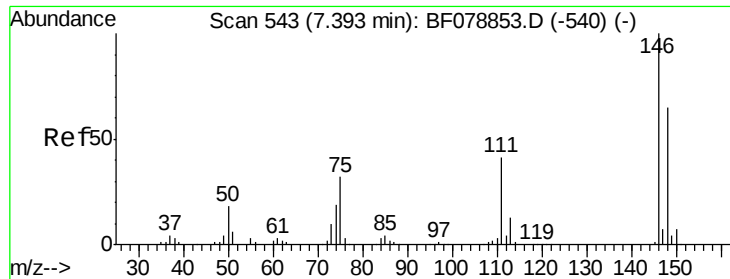
Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 28895 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 62.7  | 52.4  | 78.6  |
| 75        | 34.4  | 18.6  | 27.8# |





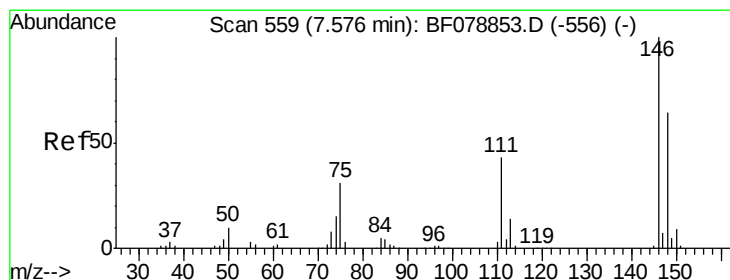
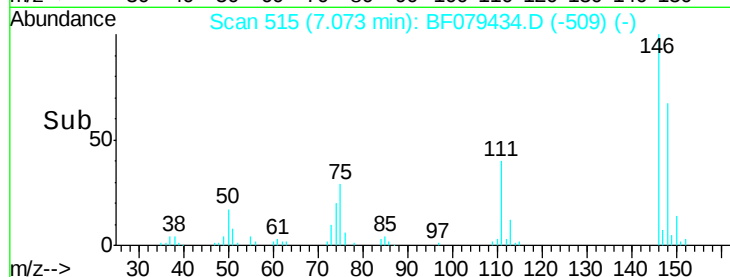
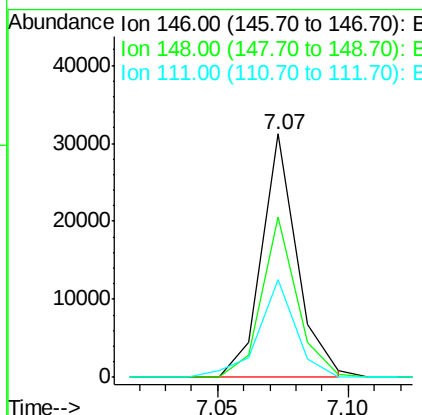
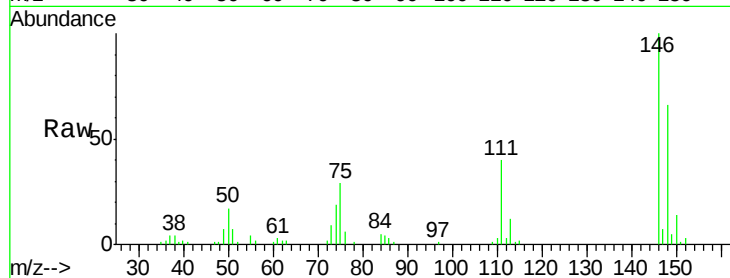
#13  
 1,4-Dichlorobenzene  
 Concen: 6.05 ng  
 RT: 7.07 min Scan# 515  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.8  | 51.7  | 77.5  |
| 111     | 39.9  | 32.8  | 49.2  |

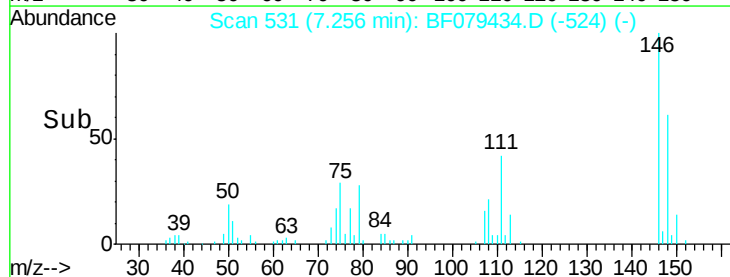
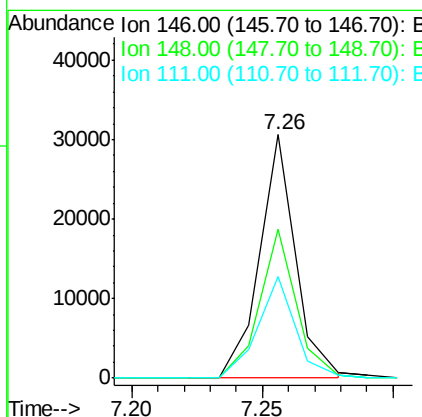
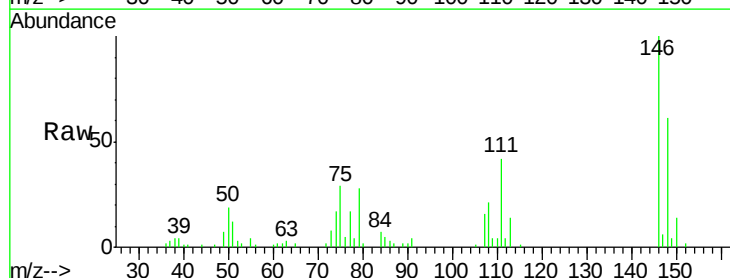
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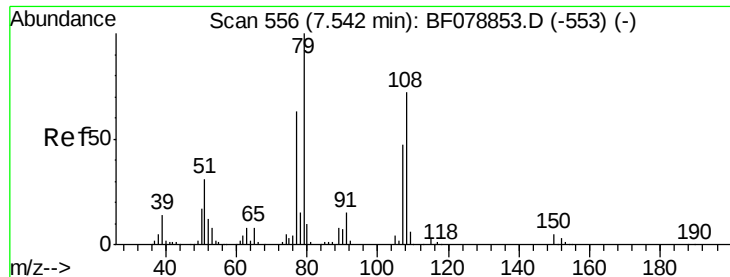
apatel  
 5/27/2015 8:15:27 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 6.47 ng  
 RT: 7.26 min Scan# 531  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.9  | 51.1  | 76.7  |
| 111     | 41.9  | 34.6  | 52.0  |





#15

Benzyl Alcohol

Concen: 4.33 ng/mL

RT: 7.26 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

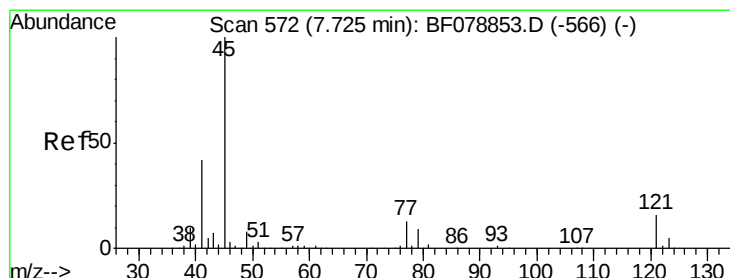
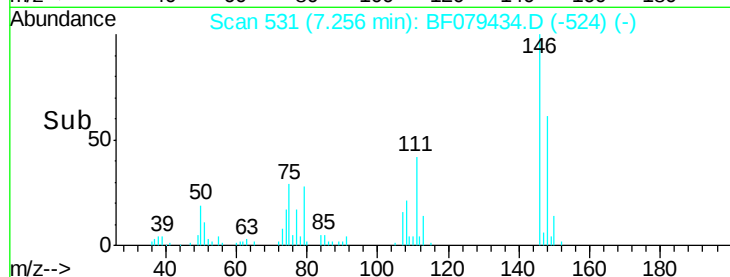
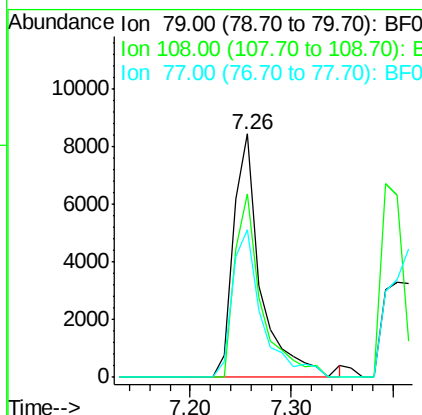
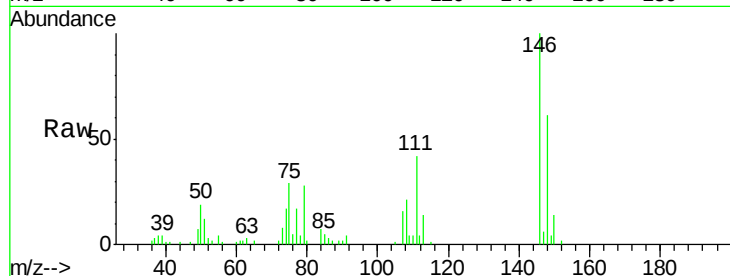
ClientSampleId :

KY024MW068-150512MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 15882 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 75.5  | 57.4  | 86.2  |
| 77        | 60.6  | 50.2  | 75.4  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.12 ng

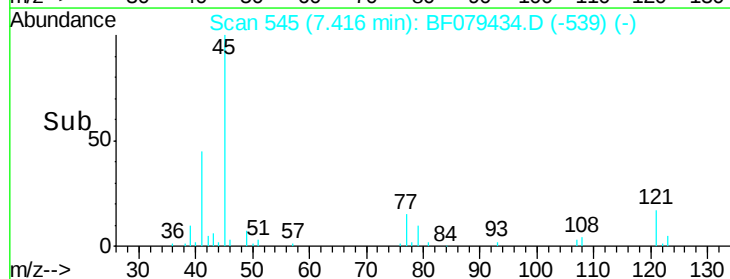
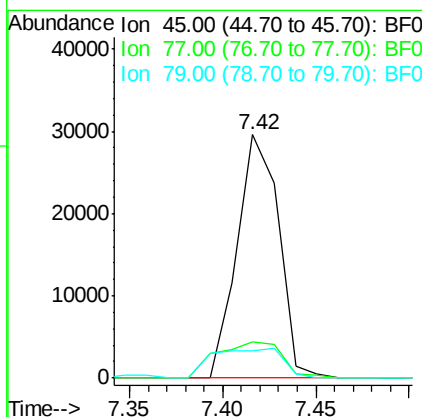
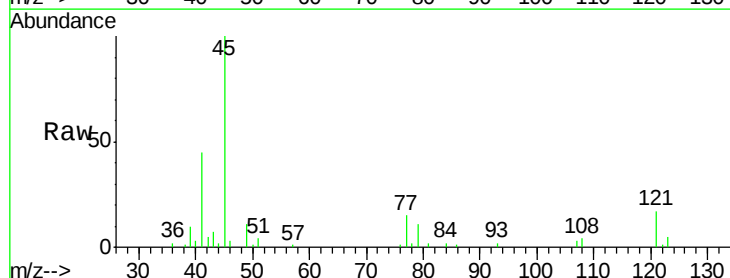
RT: 7.42 min Scan# 545

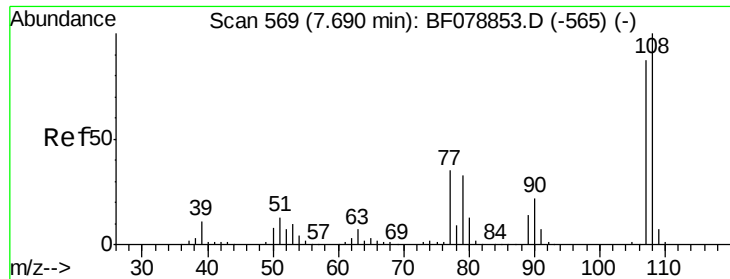
Delta R.T. -0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 45787 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 15.0  | 0.0   | 32.6  |
| 79        | 11.0  | 0.0   | 29.3  |





#17

2-Methylphenol

Concen: 2.56 ng

RT: 7.39 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

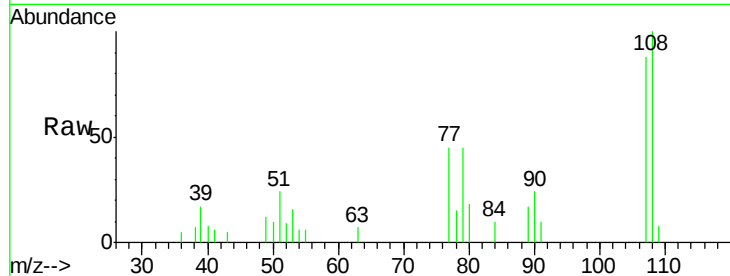
ClientSampleId :

KY024MW068-150512MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 8743  |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 114.0 | 92.4  | 138.6 |
| 77        | 51.0  | 32.6  | 49.0# |
| 79        | 51.6  | 30.9  | 46.3# |

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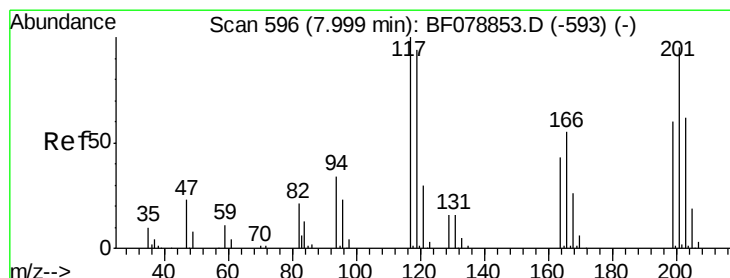
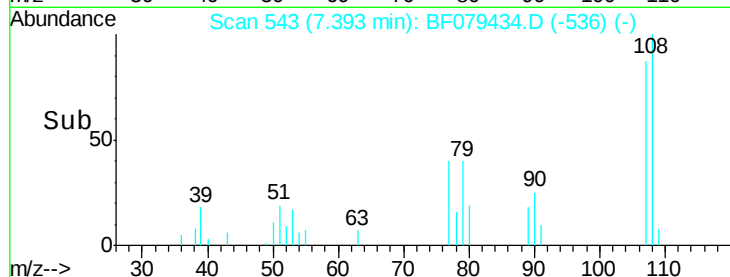
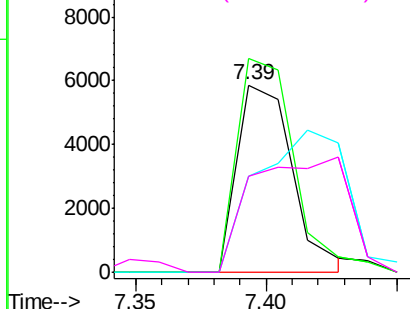
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 6.00 ng

RT: 7.67 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

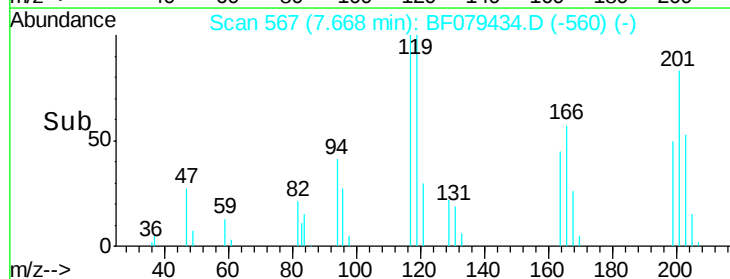
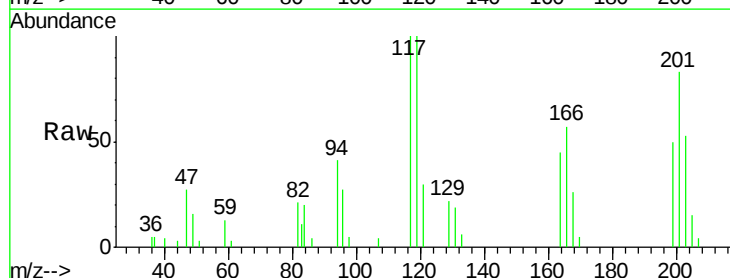
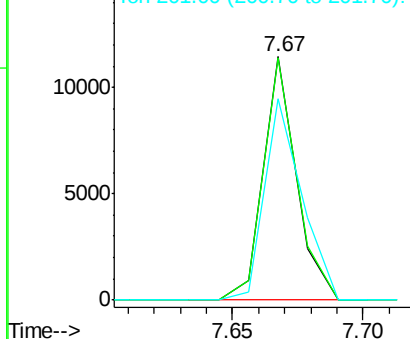
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 10150 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 99.6  | 75.2  | 112.8 |
| 201       | 82.6  | 75.8  | 113.8 |

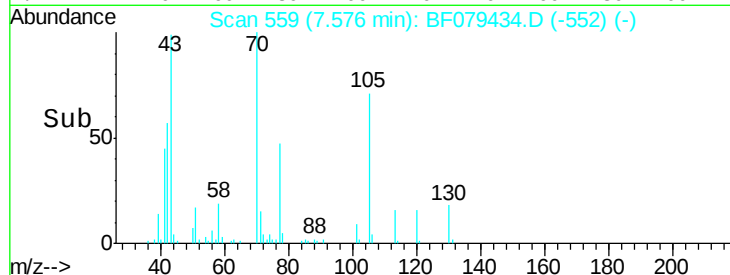
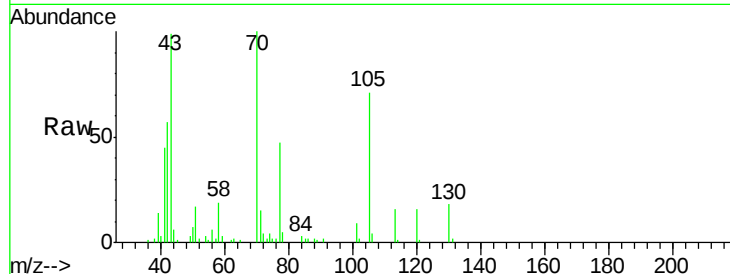
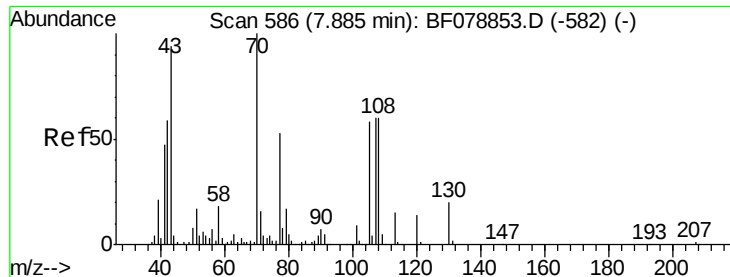
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





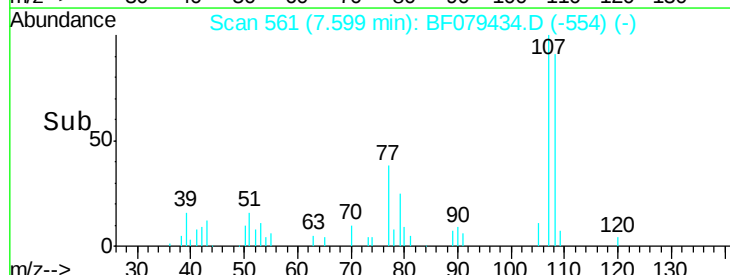
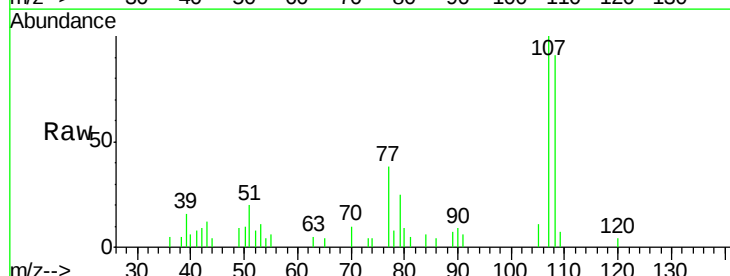
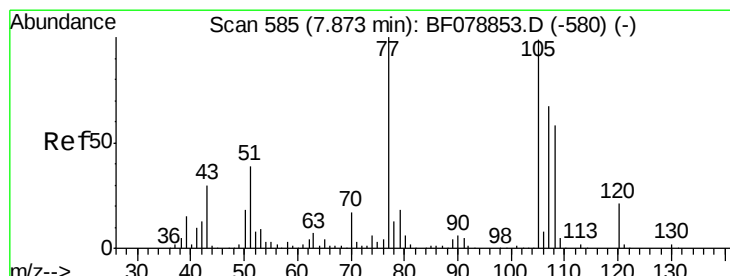
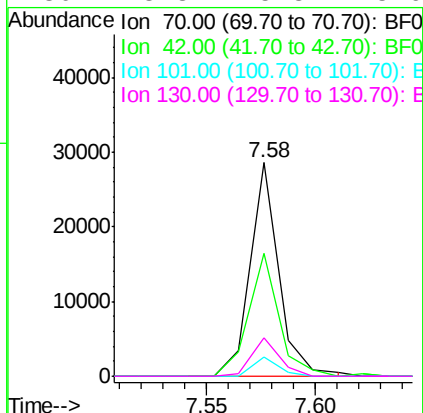
#19  
n-Nitroso-di-n-propylamine  
Concen: 7.85 ng  
RT: 7.58 min Scan# 559  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

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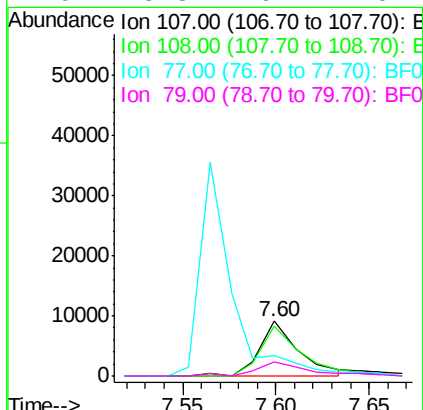
apatel  
5/27/2015 8:15:27 AM

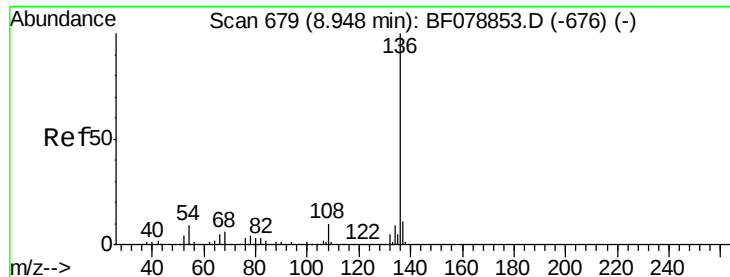
| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 26234   | 70  | 100   |       |       |
|         | 42  | 57.4  | 47.3  | 70.9  |
|         | 101 | 9.3   | 7.5   | 11.3  |
|         | 130 | 18.3  | 15.8  | 23.6  |



#20  
3+4-Methylphenols  
Concen: 2.94 ng  
RT: 7.60 min Scan# 561  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ion | Ratio | Lower | Upper  |
|---------|-----|-------|-------|--------|
| 13376   | 107 | 100   |       |        |
|         | 108 | 90.6  | 66.5  | 106.5  |
|         | 77  | 38.3  | 130.6 | 170.6# |
|         | 79  | 25.3  | 6.4   | 46.4   |





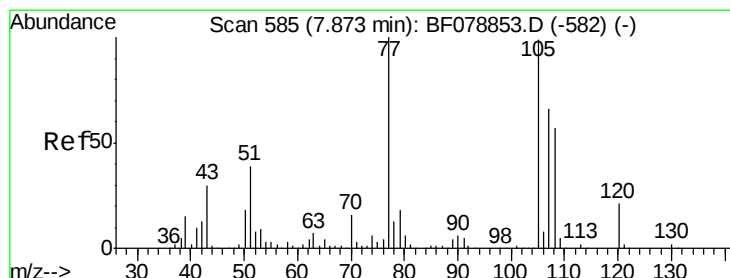
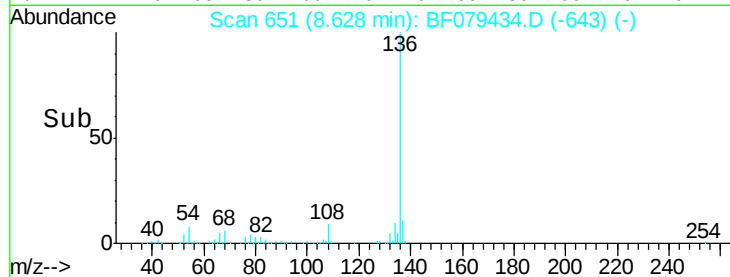
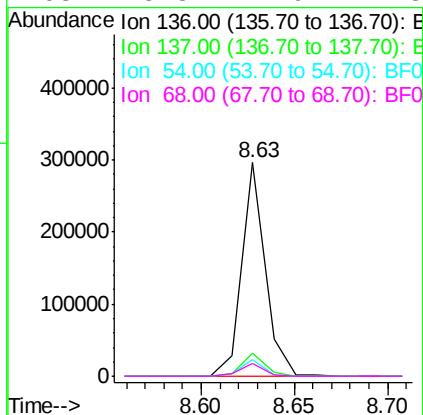
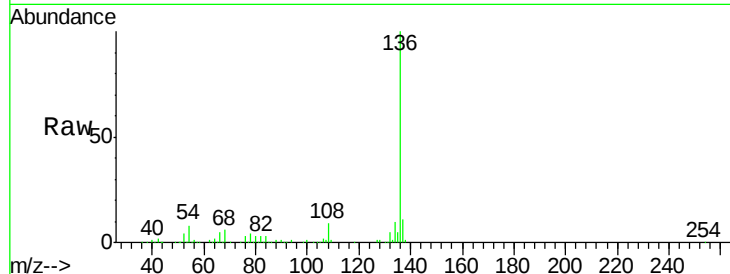
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.63 min Scan# 651  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 261776 |       |       |
| 137     | 10.8 |       | 8.8    | 13.2  |       |
| 54      | 7.6  |       | 6.9    | 10.3  |       |
| 68      | 5.8  |       | 4.9    | 7.3   |       |

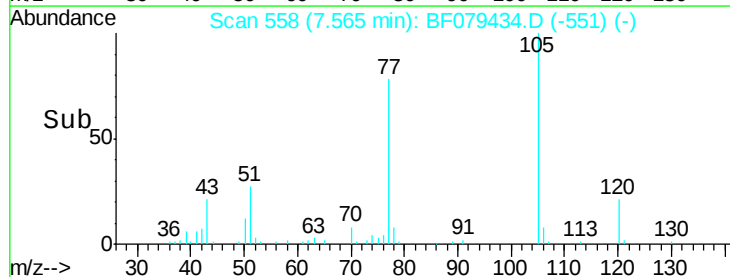
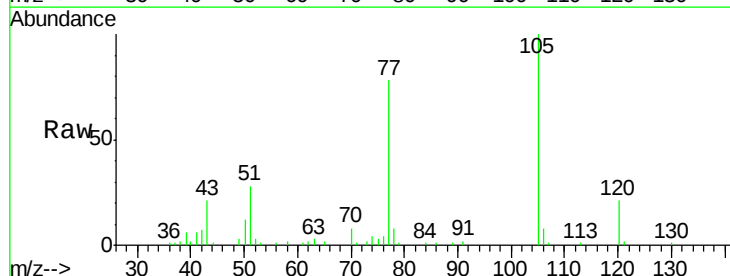
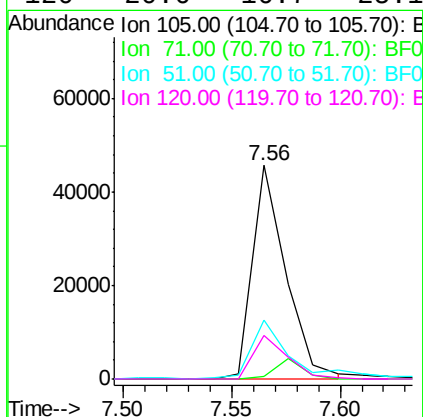
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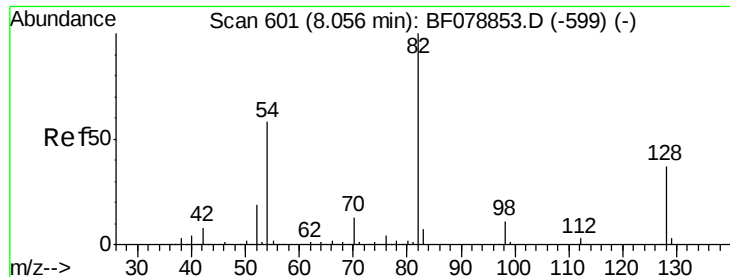
apatel  
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#22  
Acetophenone  
Concen: 8.26 ng  
RT: 7.56 min Scan# 558  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 105     | 100  |       | 48844 |       |       |
| 71      | 1.4  |       | 2.2   | 3.4#  |       |
| 51      | 27.7 |       | 31.1  | 46.7# |       |
| 120     | 20.6 |       | 16.7  | 25.1  |       |





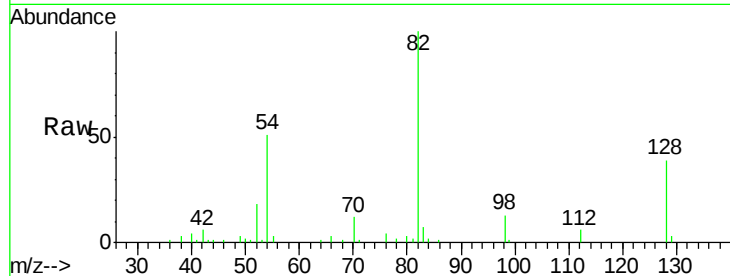
#23  
Nitrobenzene-d5  
Concen: 7.61 ng  
RT: 7.75 min Scan# 574  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

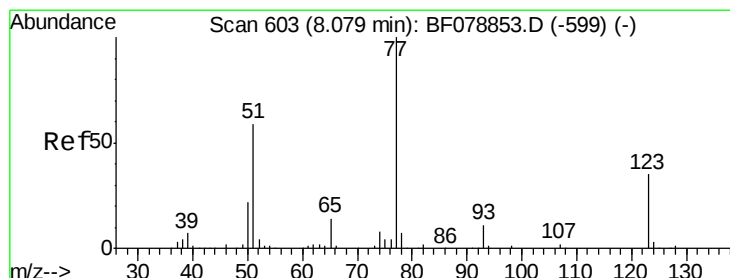
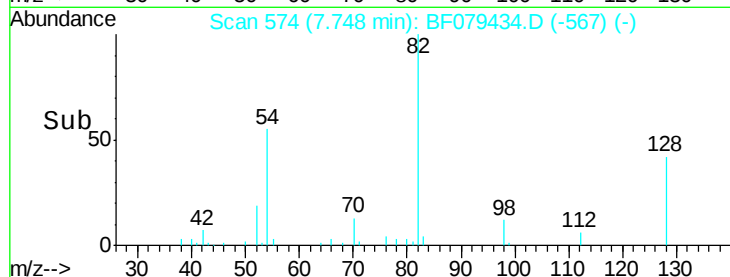
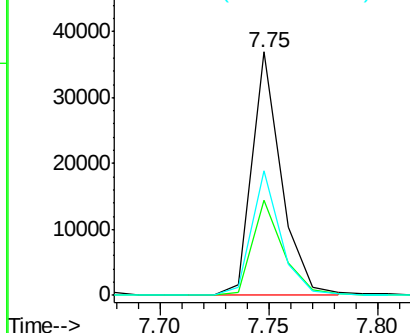
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 38.8  | 29.7 | 44.5  |       |
| 54      | 51.4  | 46.2 | 69.4  |       |

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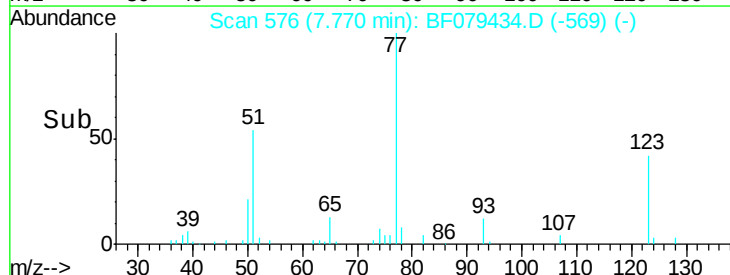
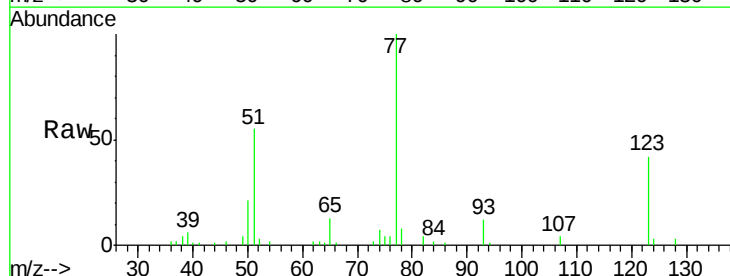
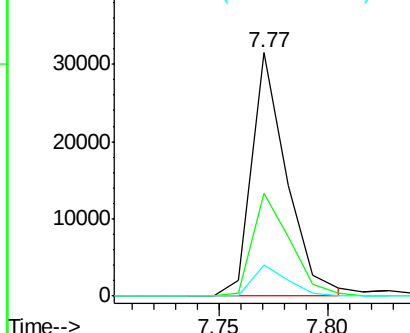
Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

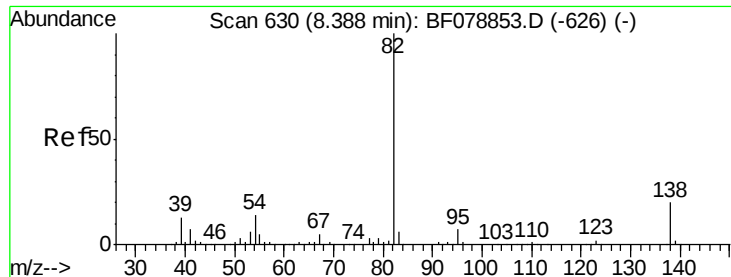


#24  
Nitrobenzene  
Concen: 7.84 ng  
RT: 7.77 min Scan# 576  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 42.3  | 28.3 | 42.5  |       |
| 65      | 12.5  | 11.0 | 16.4  |       |

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





#25

Isophorone

Concen: 8.92 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

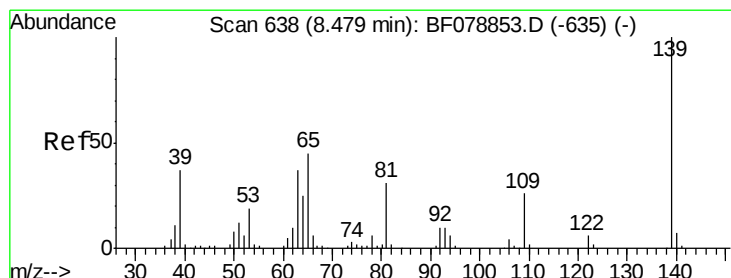
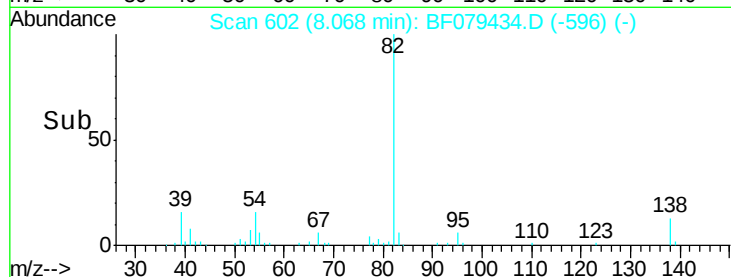
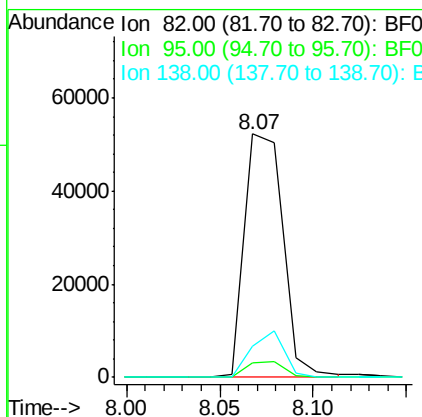
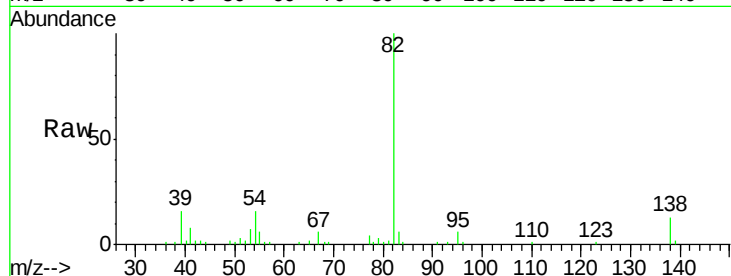
ClientSampleId :

KY024MW068-150512MSD

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 82   | Resp: | 75280 |
| Ion Ratio |      | Lower | Upper |
| 82        | 100  |       |       |
| 95        | 5.8  | 5.4   | 8.2   |
| 138       | 13.0 | 16.1  | 24.1# |

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#26

2-Nitrophenol

Concen: 6.61 ng

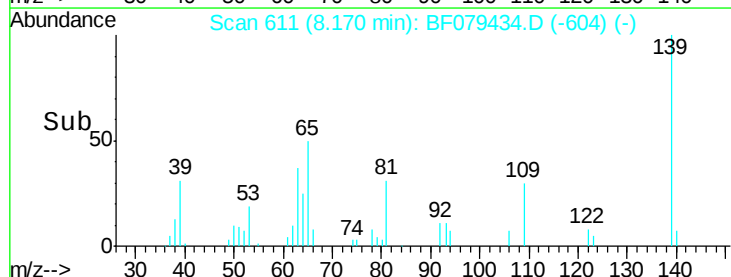
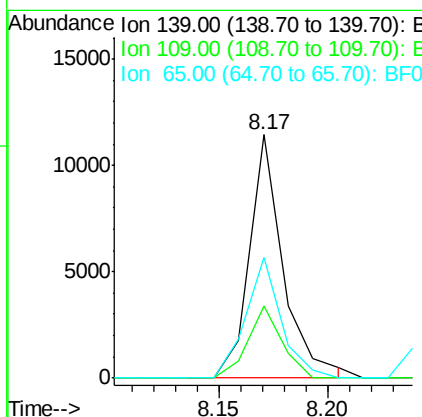
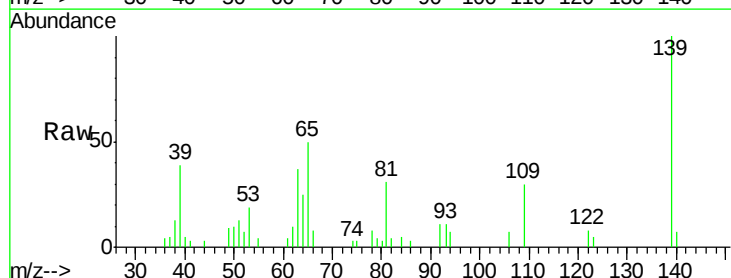
RT: 8.17 min Scan# 611

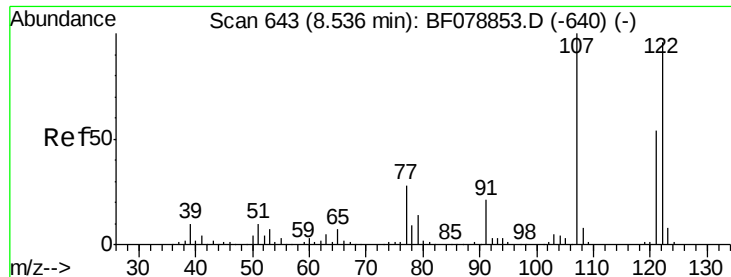
Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 12351 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 29.6 | 20.9  | 31.3  |
| 65        | 49.8 | 35.8  | 53.8  |





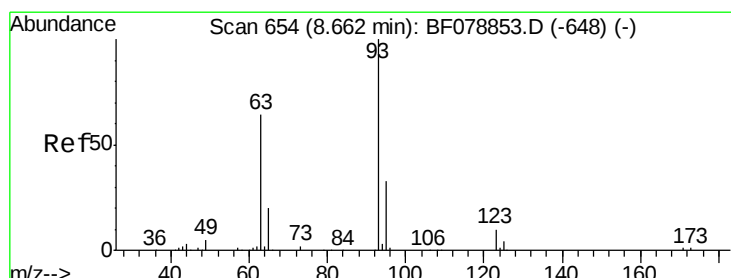
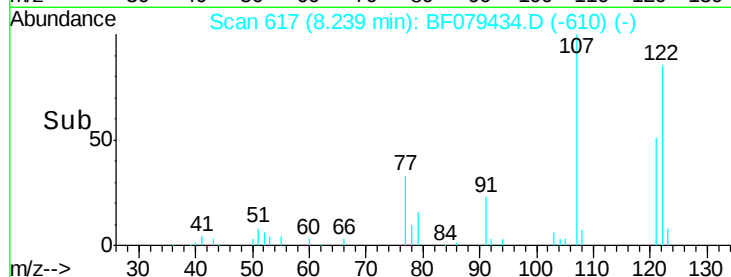
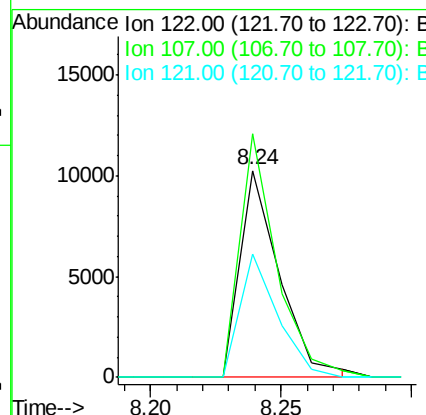
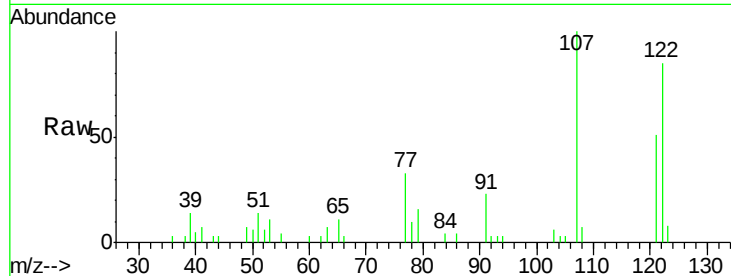
#27  
 2,4-Dimethylphenol  
 Concen: 2.93 ng  
 RT: 8.24 min Scan# 617  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.7 | 83.6  | 125.4 |
| 121     | 59.9  | 44.9  | 67.3  |

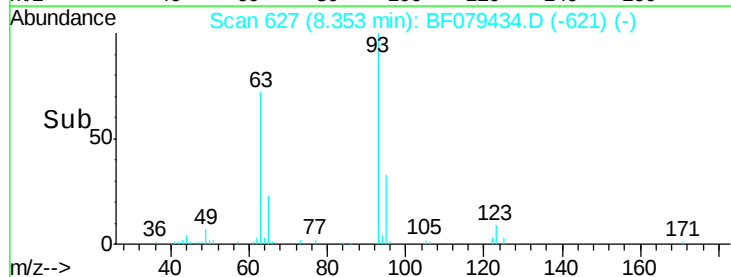
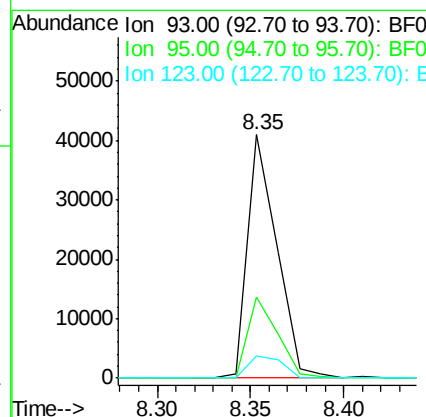
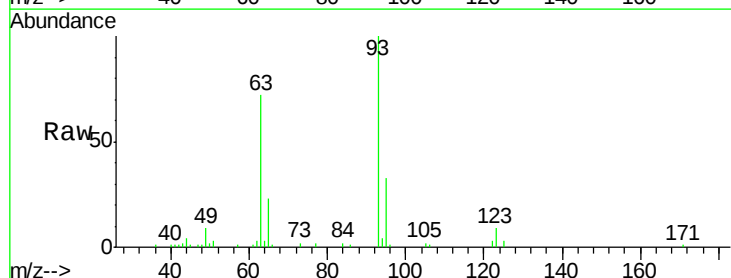
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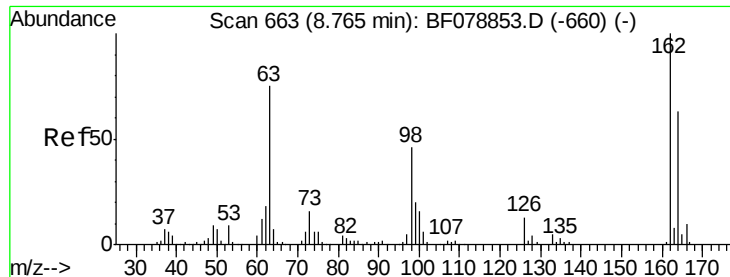
apatel  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 8.60 ng  
 RT: 8.35 min Scan# 627  
 Delta R.T. -0.01 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.2  | 39.2  |
| 123     | 9.0   | 8.6   | 12.8  |





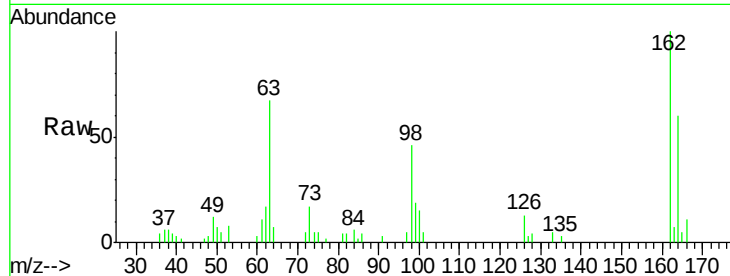
#29  
 2,4-Dichlorophenol  
 Concen: 6.76 ng  
 RT: 8.47 min Scan# 637  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD

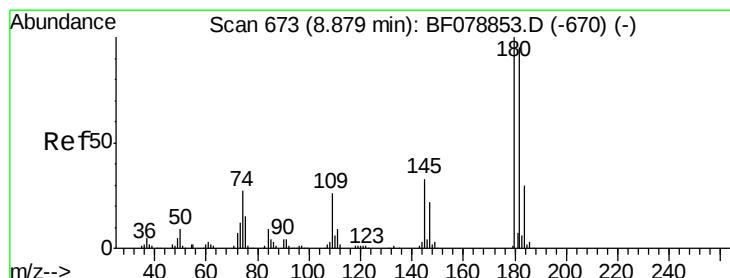
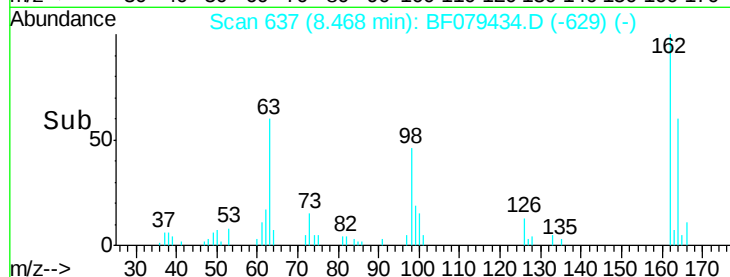
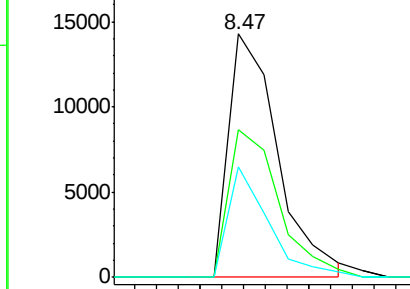
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 22485 |       |       |
| 164     | 60.4  | 42.7  | 82.7  |       |
| 98      | 45.5  | 26.3  | 66.3  |       |

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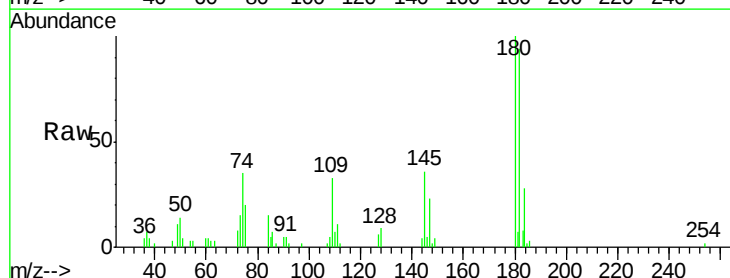


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

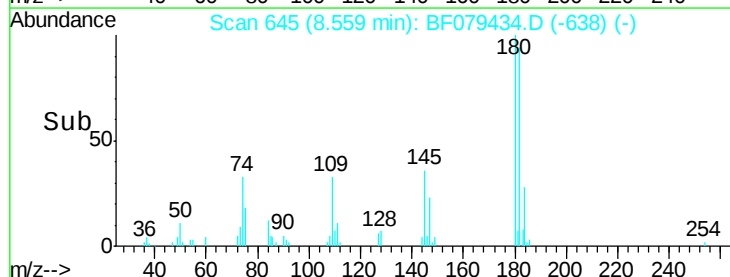
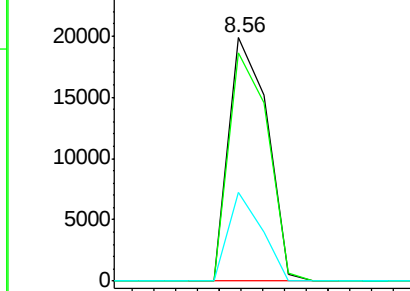


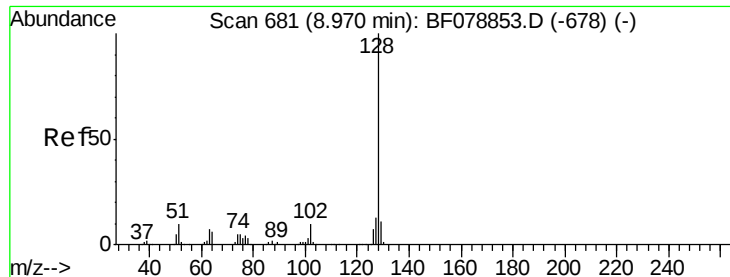
#30  
 1,2,4-Trichlorobenzene  
 Concen: 6.69 ng  
 RT: 8.56 min Scan# 645  
 Delta R.T. -0.01 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 24418 |       |       |
| 182     | 93.9  | 75.7  | 113.5 |       |
| 145     | 36.2  | 26.2  | 39.4  |       |



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





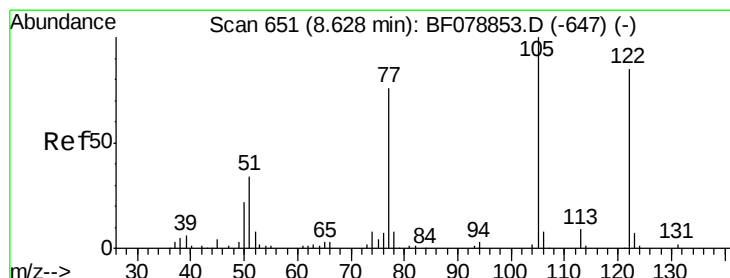
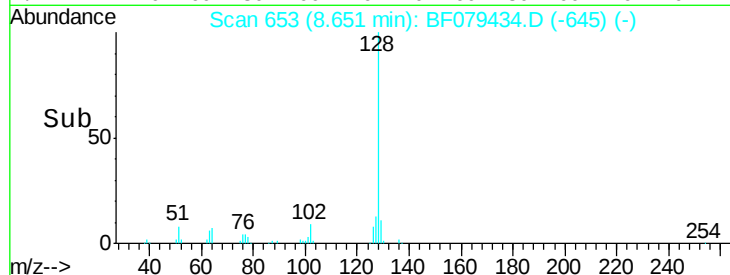
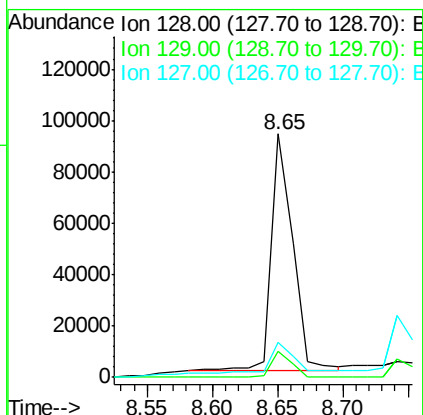
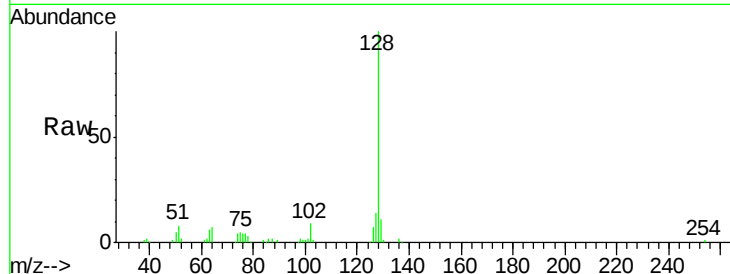
#31  
Naphthalene  
Concen: 8.48 ng  
RT: 8.65 min Scan# 653  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 9.2   | 13.8  |
| 127     | 14.3  | 10.3  | 15.5  |

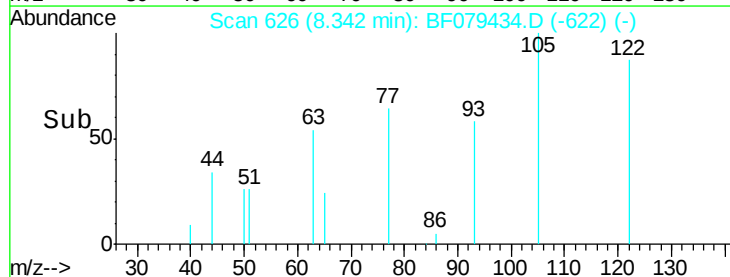
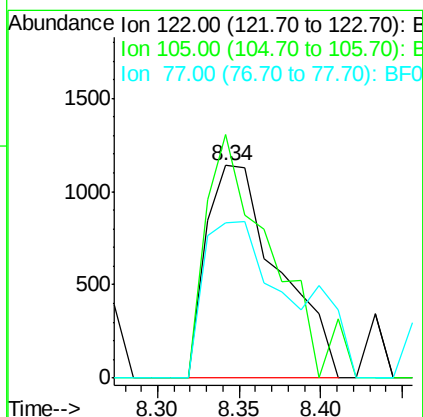
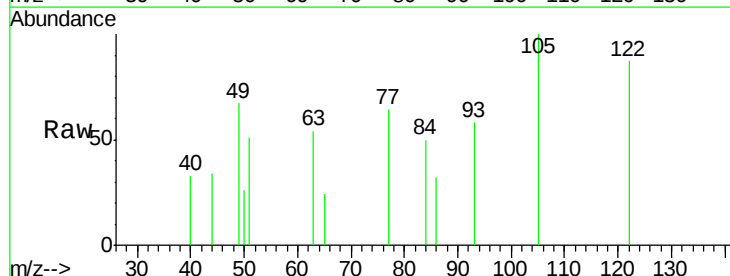
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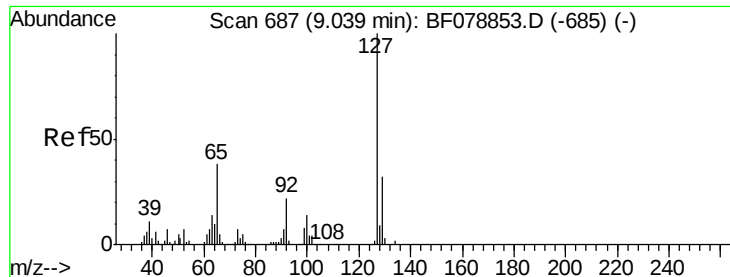
apatel  
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#32  
Benzoic acid  
Concen: 7.61 ng  
RT: 8.34 min Scan# 626  
Delta R.T. -0.03 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 114.7 | 100.7 | 140.7 |
| 77      | 73.4  | 72.0  | 112.0 |





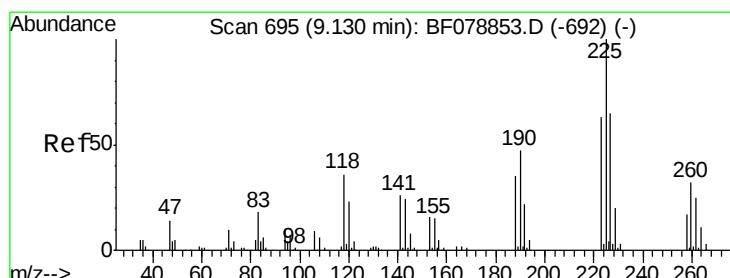
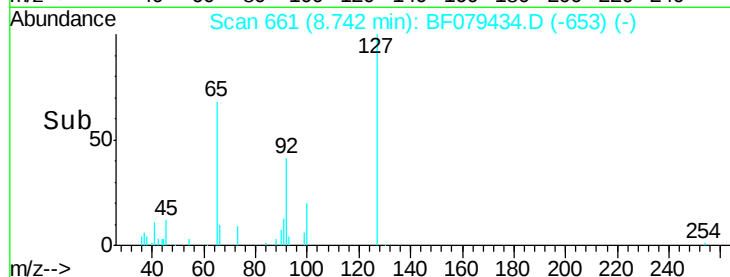
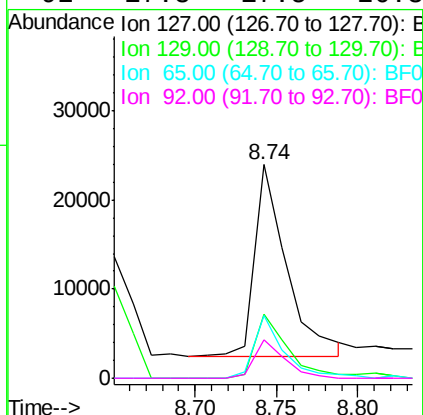
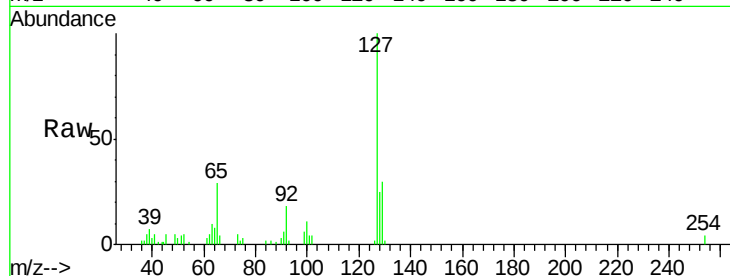
#33  
4-Chloroaniline  
Concen: 5.56 ng  
RT: 8.74 min Scan# 661  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 29347 |       |       |
| 129     | 29.7 | 25.6  | 38.4  |       |       |
| 65      | 29.4 | 30.2  | 45.4  |       |       |
| 92      | 17.8 | 17.5  | 26.3  |       |       |

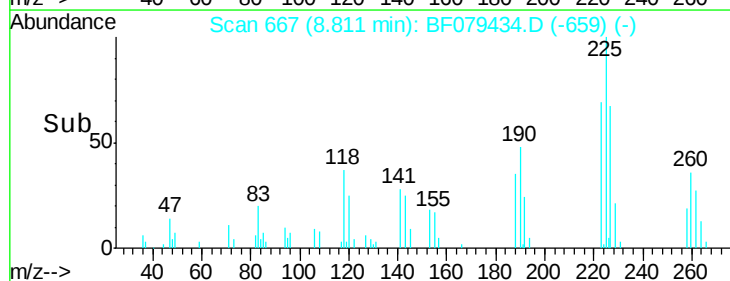
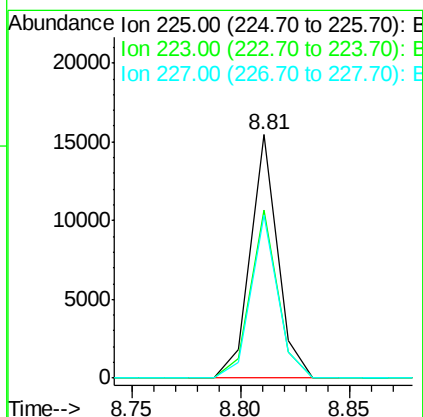
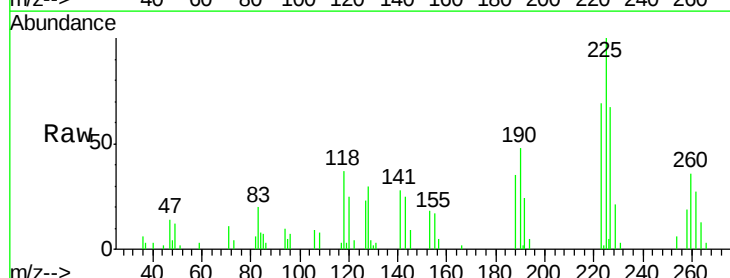
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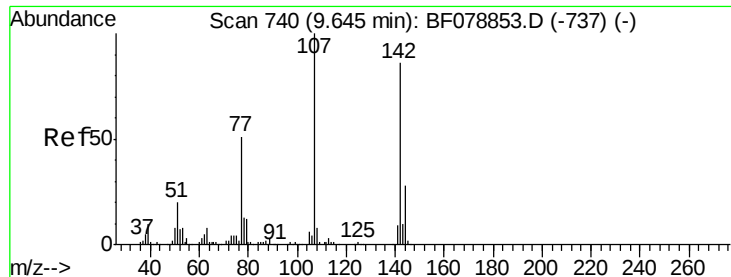
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#34  
Hexachlorobutadiene  
Concen: 6.39 ng  
RT: 8.81 min Scan# 667  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 13443 |       |       |
| 223     | 69.3 | 50.6  | 75.8  |       |       |
| 227     | 67.1 | 52.1  | 78.1  |       |       |





#36

4-Chloro-3-methylphenol

Concen: 6.72 ng

RT: 9.36 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

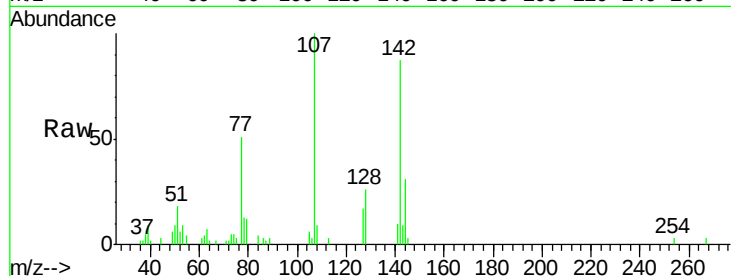
ClientSampleId :

KY024MW068-150512MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 23473 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 144       | 30.9  | 22.5  | 33.7  |
| 142       | 86.5  | 68.6  | 103.0 |

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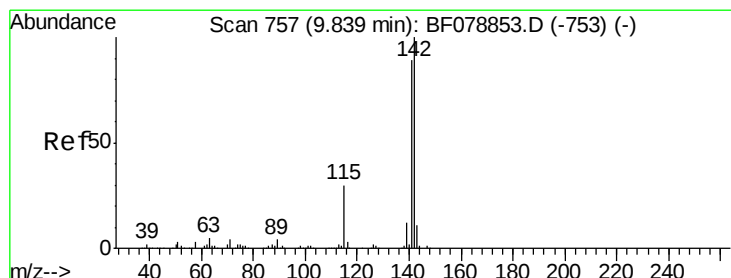
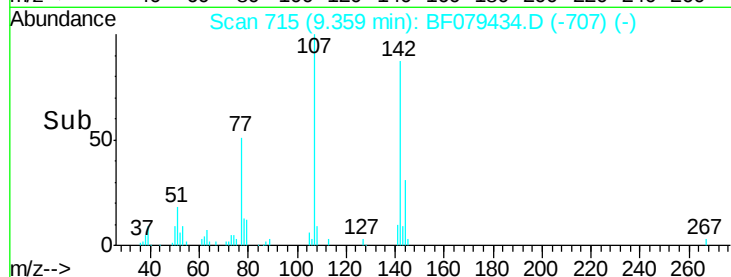
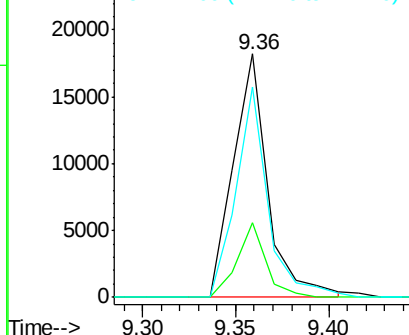


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 7.92 ng

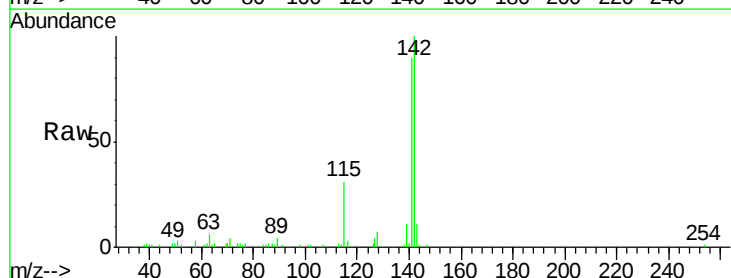
RT: 9.52 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 68456 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 90.1  | 71.6  | 107.4 |
| 115       | 31.1  | 24.2  | 36.4  |

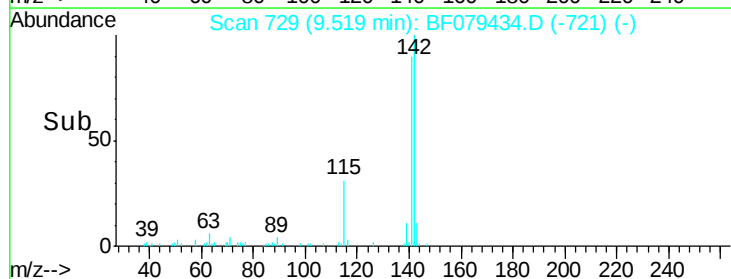
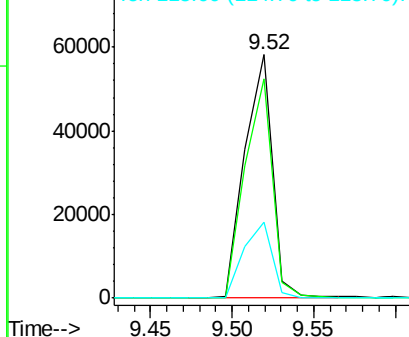


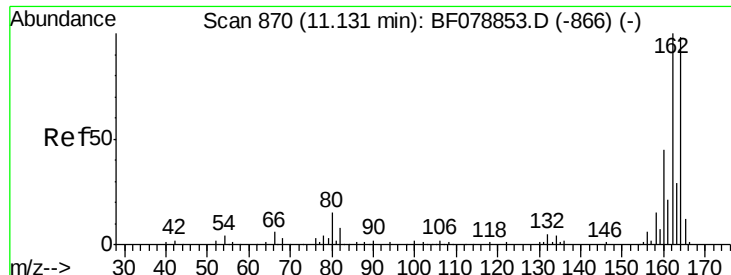
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





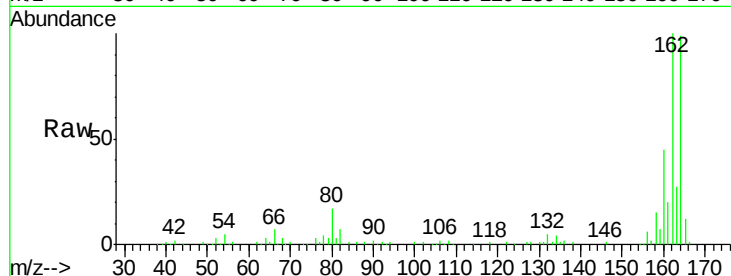
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.80 min Scan# 841  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

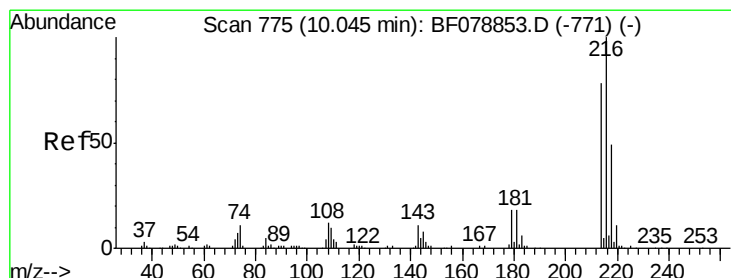
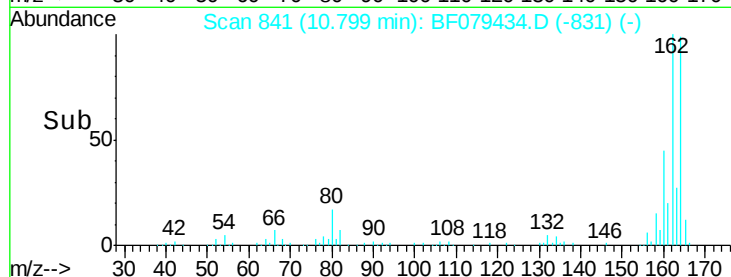
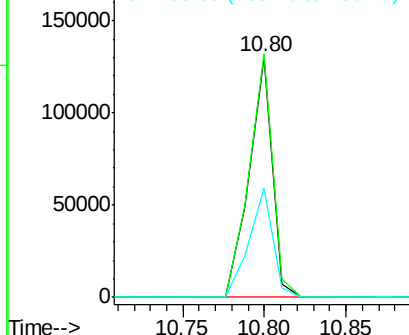
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.4 | 81.4  | 122.0 |
| 160     | 45.7  | 36.6  | 54.8  |

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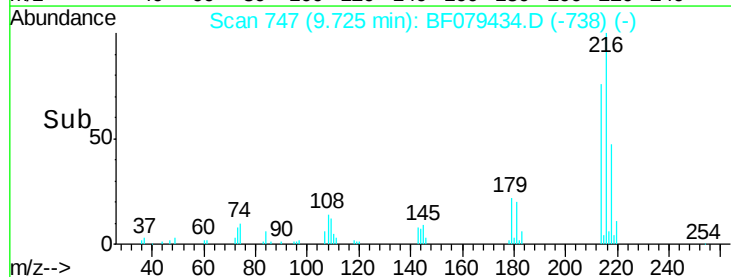
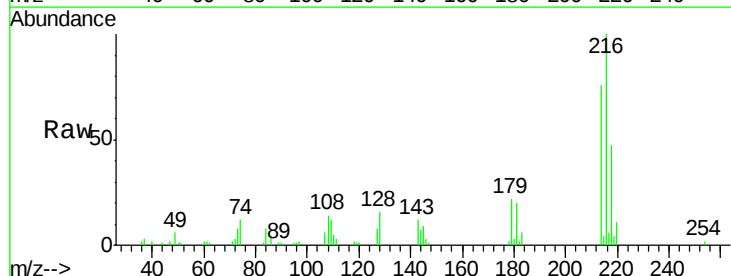
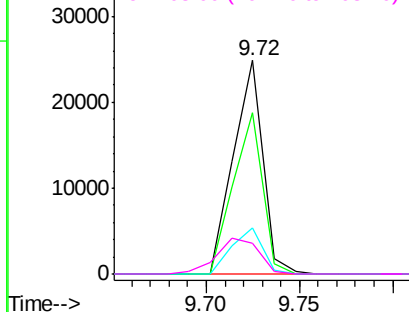
Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

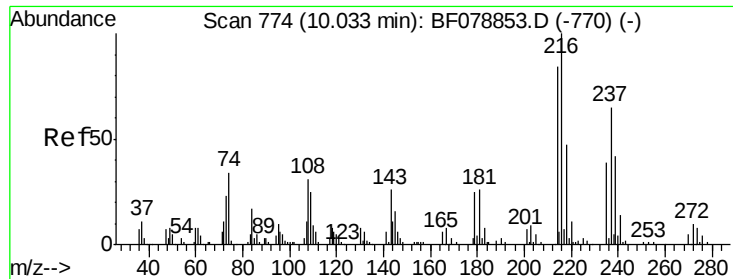


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 7.61 ng  
RT: 9.72 min Scan# 747  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 75.5  | 64.0  | 96.0  |
| 179     | 22.9  | 17.0  | 25.4  |
| 108     | 24.2  | 17.0  | 25.6  |

Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E





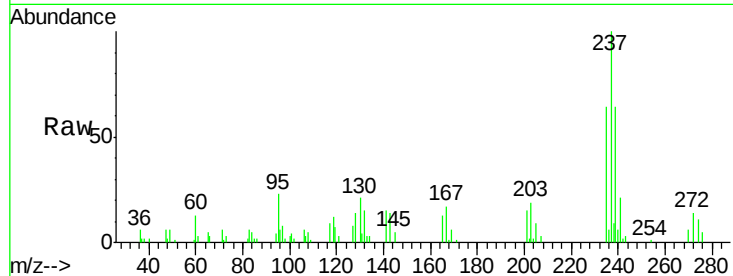
#40  
Hexachlorocyclopentadiene  
Concen: 13.23 ng  
RT: 9.70 min Scan# 745  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

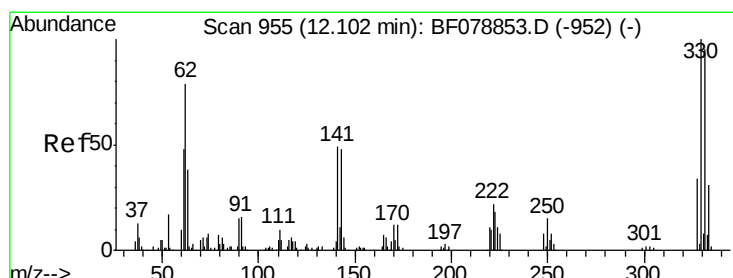
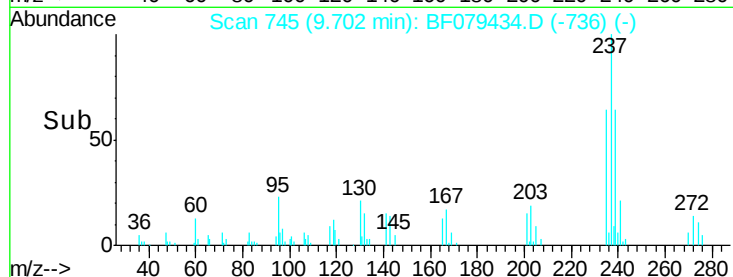
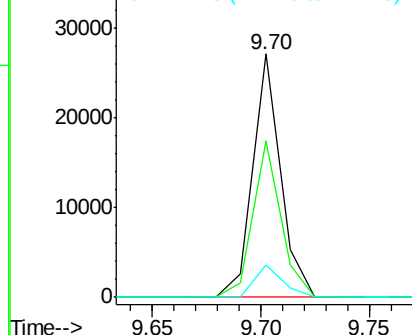
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 24011 |       |       |
| 235     | 64.2  | 40.0  | 80.0  |       |
| 272     | 13.6  | 0.0   | 36.0  |       |

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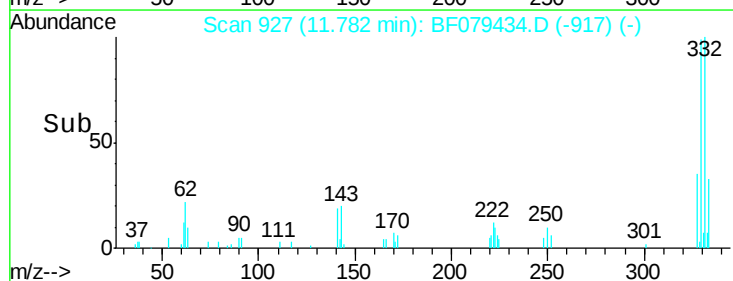
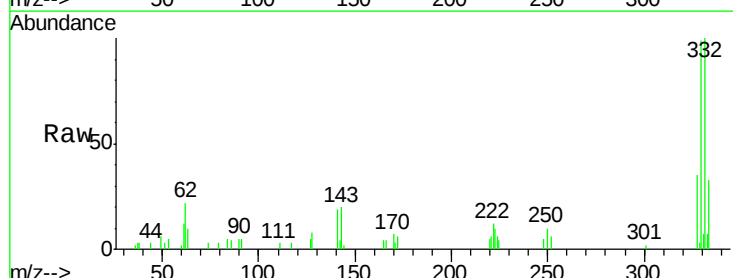
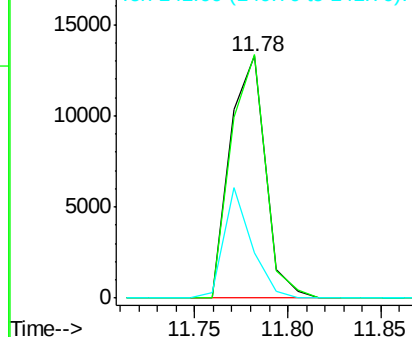
Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

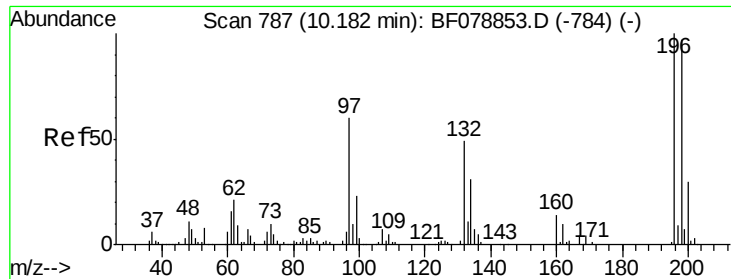


#41  
2,4,6-Tribromophenol  
Concen: 12.64 ng  
RT: 11.78 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 17527 |       |       |
| 332     | 98.5  | 76.9  | 115.3 |       |
| 141     | 36.1  | 27.8  | 41.8  |       |

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





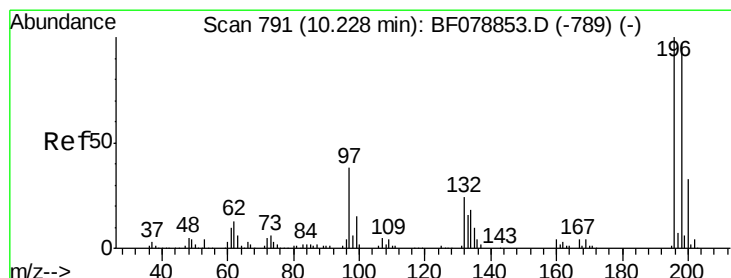
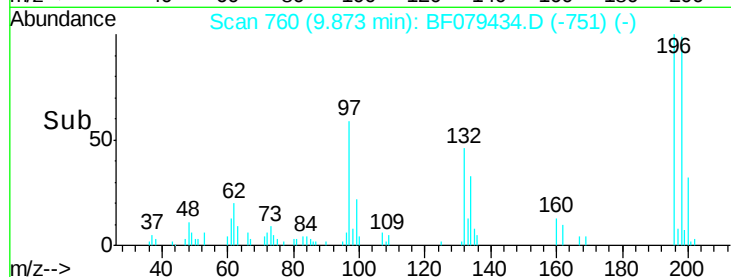
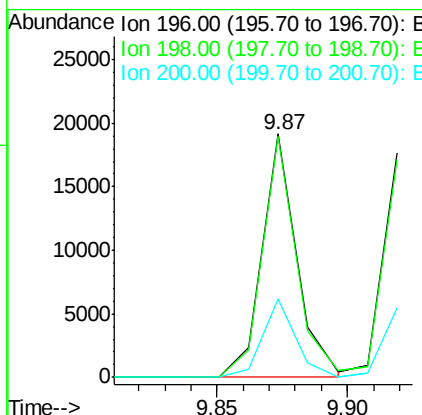
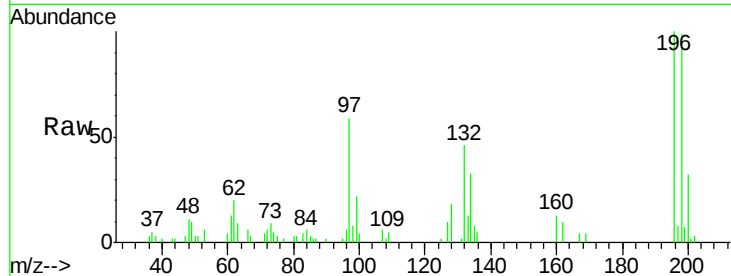
#42  
 2,4,6-Trichlorophenol  
 Concen: 7.15 ng  
 RT: 9.87 min Scan# 760  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 17747 |       |       |
| 198     | 99.0  | 77.4  | 116.2 |       |
| 200     | 32.4  | 23.7  | 35.5  |       |

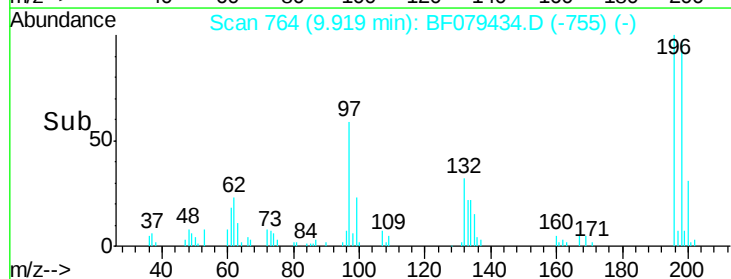
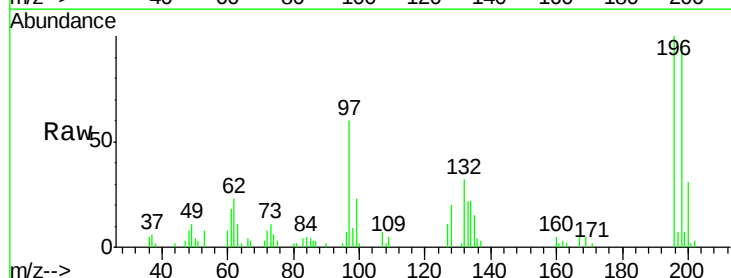
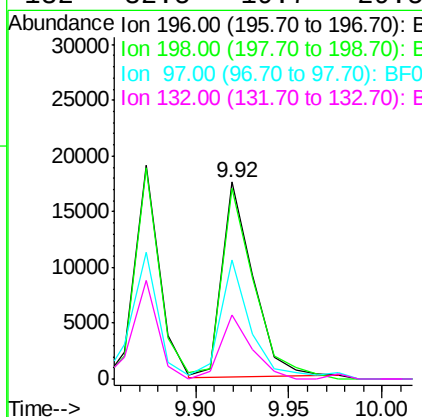
Manual Integrations  
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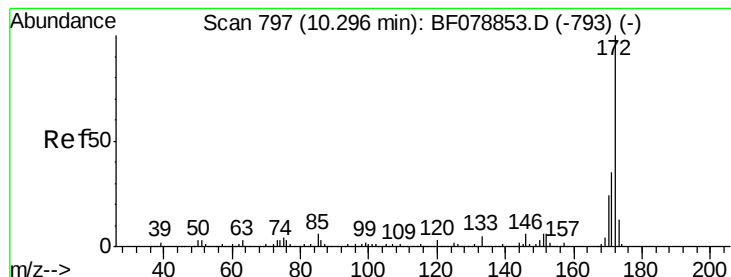
apatel  
 5/27/2015 8:15:27 AM



#43  
 2,4,5-Trichlorophenol  
 Concen: 8.13 ng  
 RT: 9.92 min Scan# 764  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 20386 |       |       |
| 198     | 97.2  | 77.3  | 115.9 |       |
| 97      | 60.3  | 31.3  | 46.9# |       |
| 132     | 32.5  | 19.7  | 29.5# |       |





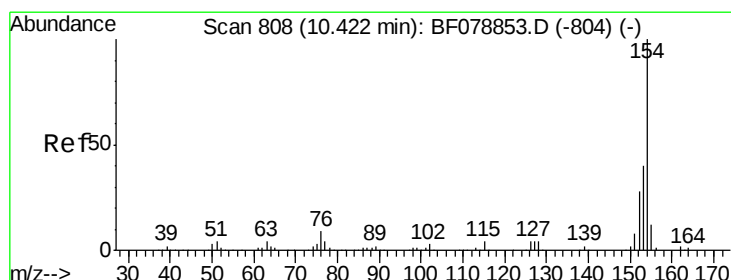
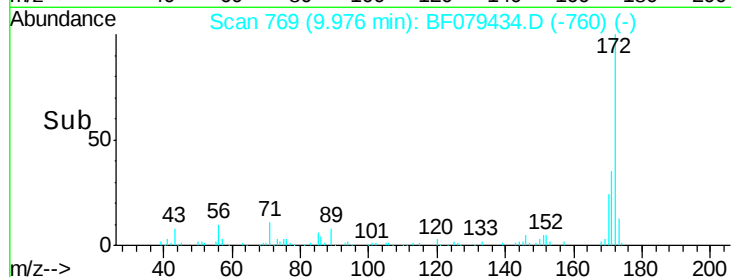
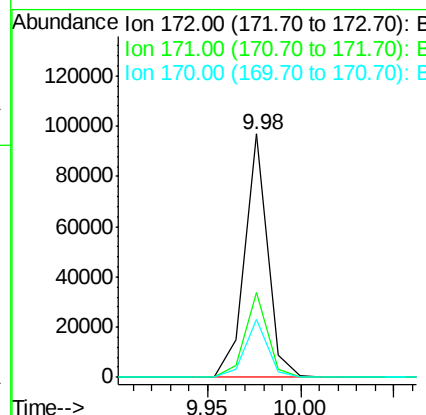
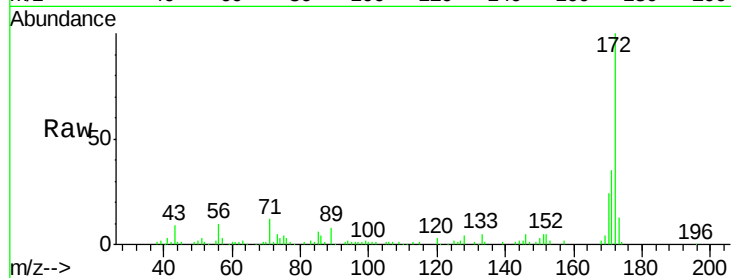
#44  
2-Fluorobiphenyl  
Concen: 9.04 ng  
RT: 9.98 min Scan# 769  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.0  | 28.3  | 42.5  |
| 170     | 24.0  | 19.4  | 29.2  |

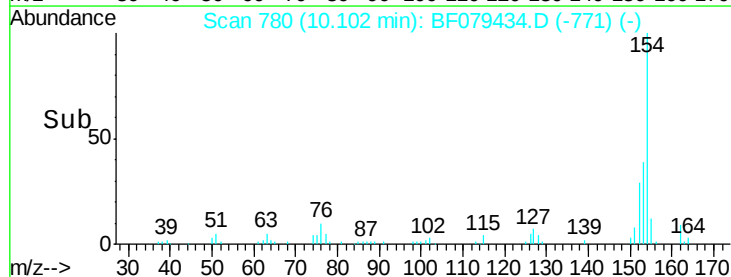
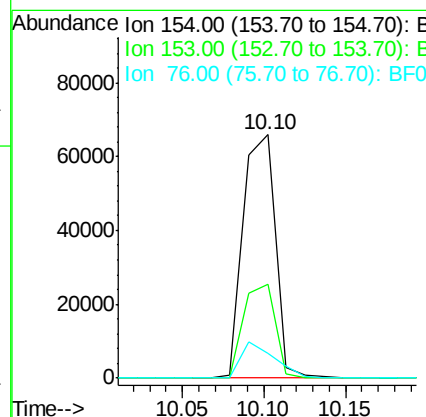
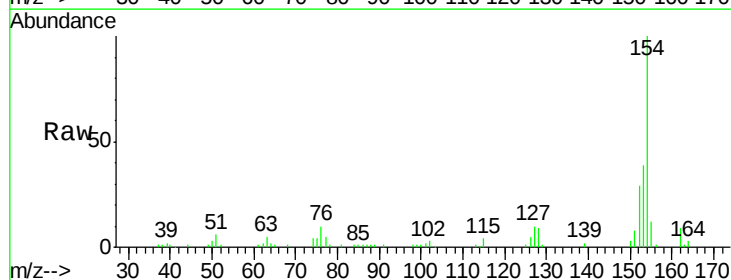
Manual Integrations  
APPROVED

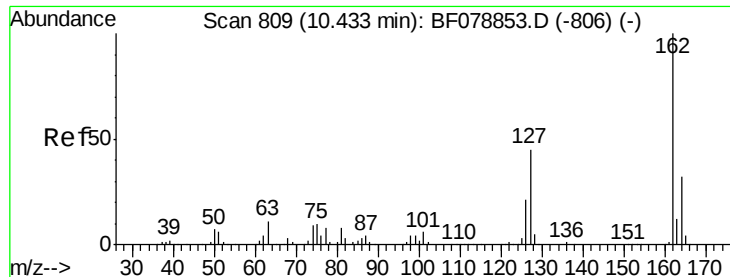
apatel  
5/27/2015 8:15:27 AM



#45  
1,1'-Biphenyl  
Concen: 8.83 ng  
RT: 10.10 min Scan# 780  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 38.8  | 19.7  | 59.7  |
| 76      | 9.9   | 0.0   | 29.1  |





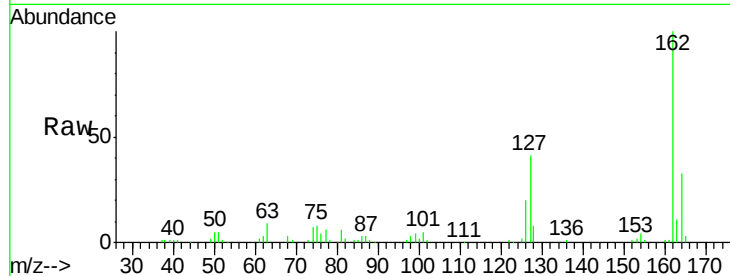
#46  
2-Chloronaphthalene  
Concen: 8.96 ng  
RT: 10.11 min Scan# 781  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

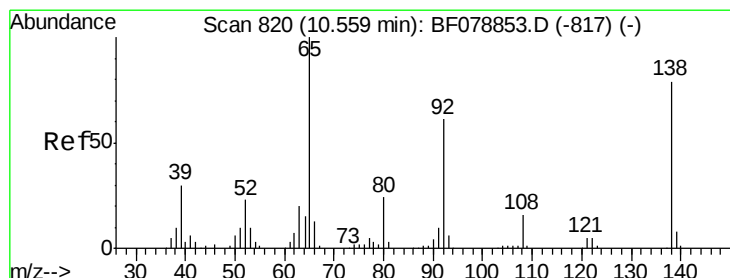
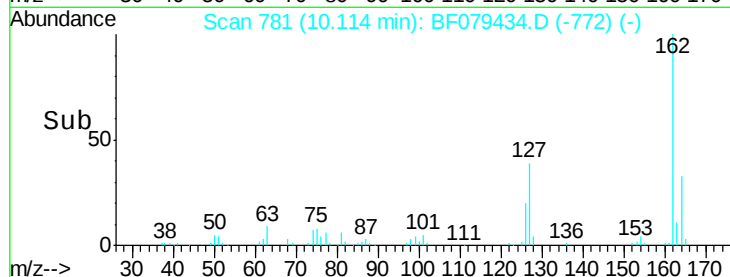
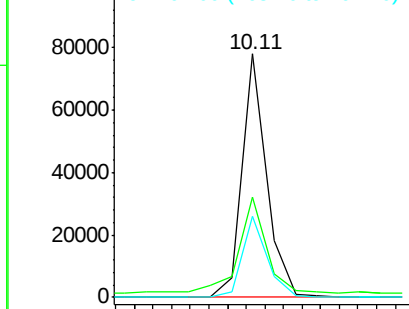
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.3  | 36.3  | 54.5  |
| 164     | 33.3  | 25.9  | 38.9  |

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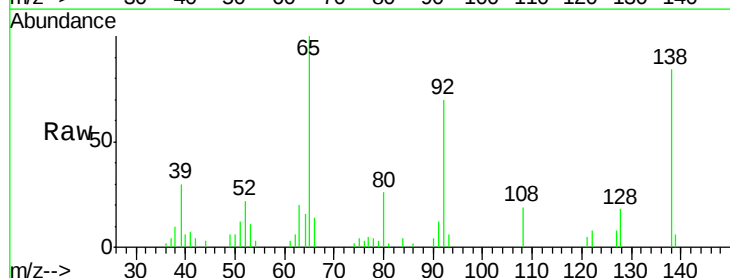


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

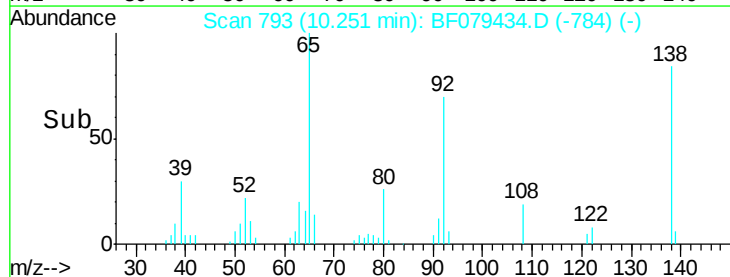
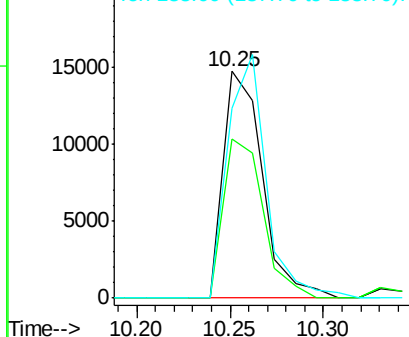


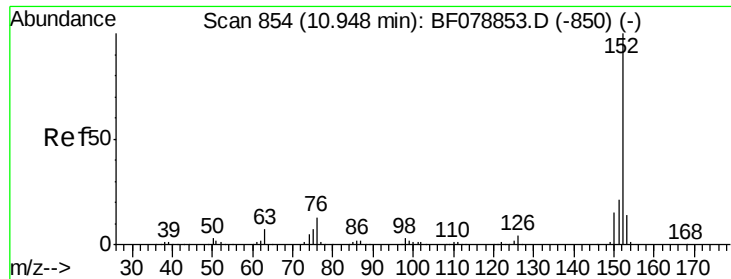
#47  
2-Nitroaniline  
Concen: 9.43 ng  
RT: 10.25 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.3  | 49.1  | 73.7  |
| 138     | 83.8  | 63.2  | 94.8  |



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





#48

Acenaphthylene

Concen: 9.74 ng

RT: 10.63 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

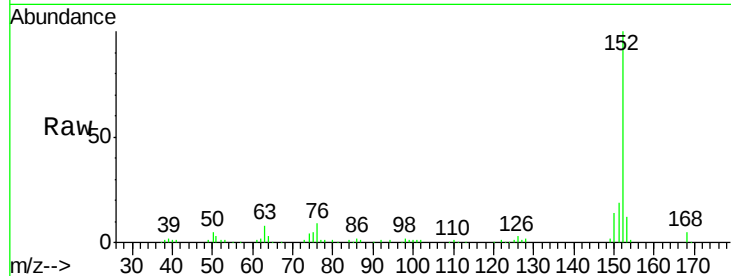
ClientSampleId :

KY024MW068-150512MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 127112 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.4  | 16.6  | 24.8   |
| 153       | 12.2  | 11.0  | 16.6   |

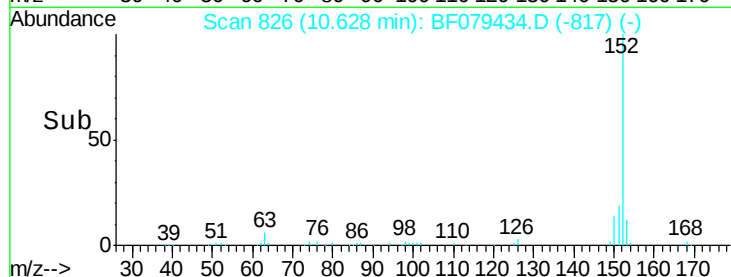
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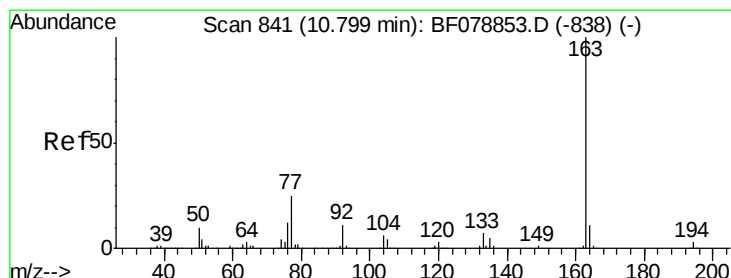


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

10.63



Time-->



#49

Dimethylphthalate

Concen: 11.10 ng

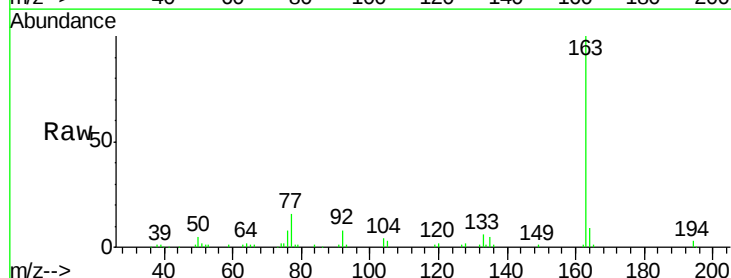
RT: 10.49 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF079434.D

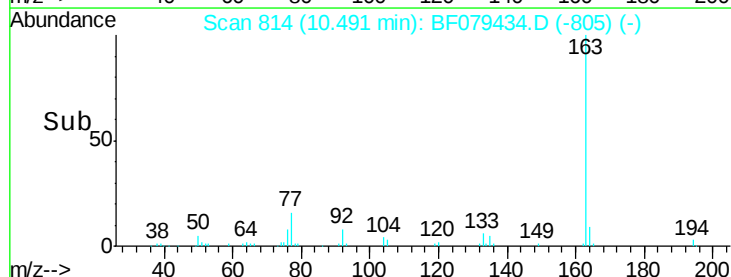
Acq: 22 May 2015 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 104423 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.4   | 2.4   | 3.6    |
| 164       | 9.4   | 8.6   | 12.8   |

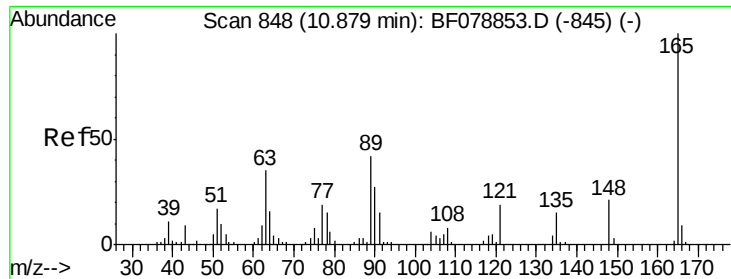


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

10.49



Time-->



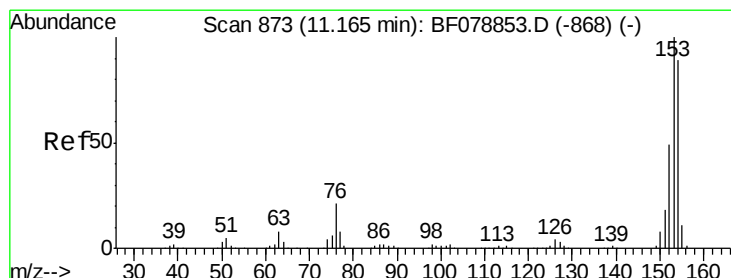
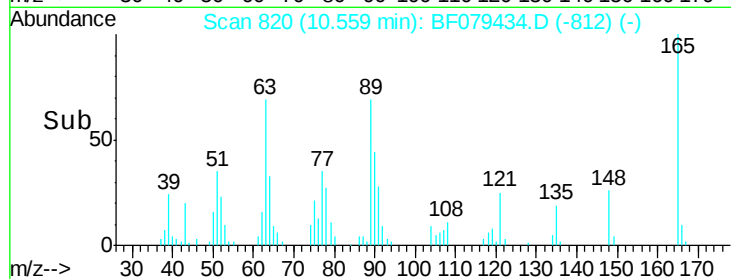
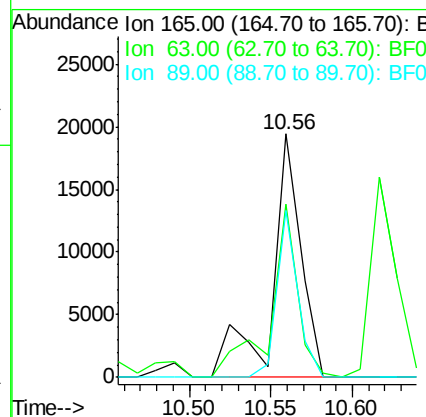
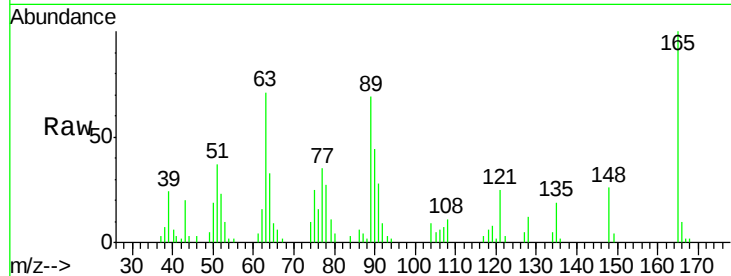
#50  
 2,6-Dinitrotoluene  
 Concen: 12.92 ng  
 RT: 10.56 min Scan# 820  
 Delta R.T. -0.01 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 71.3  | 29.2 | 43.8# |       |
| 89      | 68.5  | 33.3 | 49.9# |       |

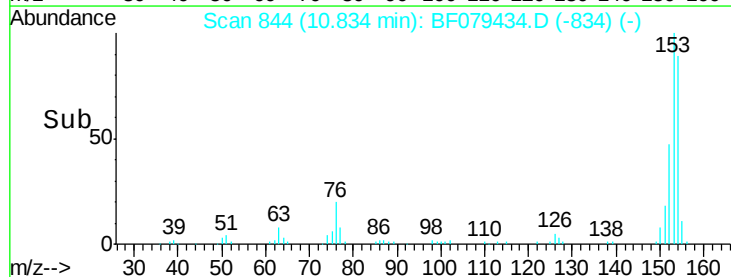
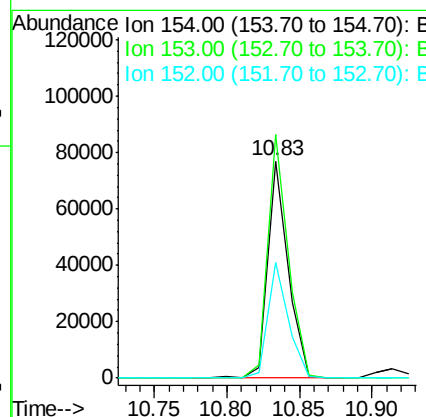
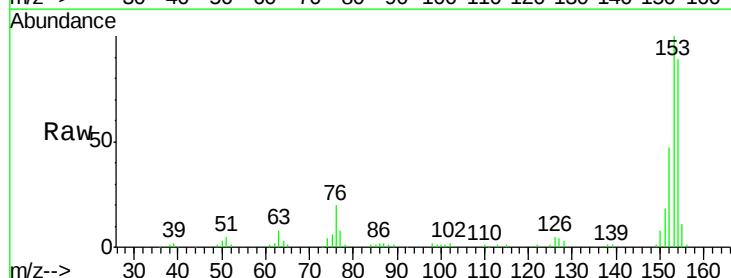
Manual Integrations  
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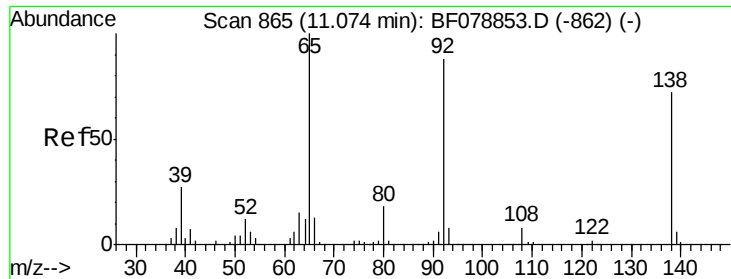
apatel  
 5/27/2015 8:15:27 AM



#51  
 Acenaphthene  
 Concen: 9.59 ng  
 RT: 10.83 min Scan# 844  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 112.3 | 90.2 | 135.2 |       |
| 152     | 53.1  | 43.8 | 65.8  |       |





#52

3-Nitroaniline

Concen: 8.11 ng

RT: 10.77 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

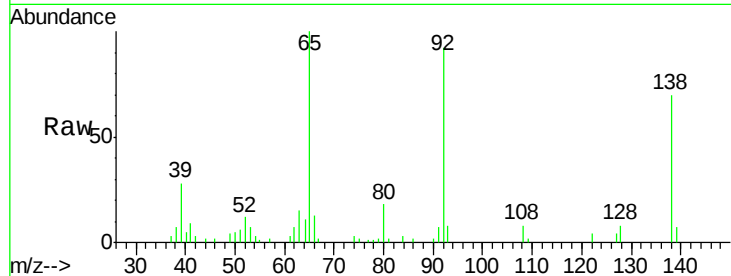
ClientSampleId :

KY024MW068-150512MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 138   | Resp: | 18811 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.3  | 8.5   | 12.7  |
| 92        | 132.3 | 97.4  | 146.0 |

Manual Integrations  
APPROVED

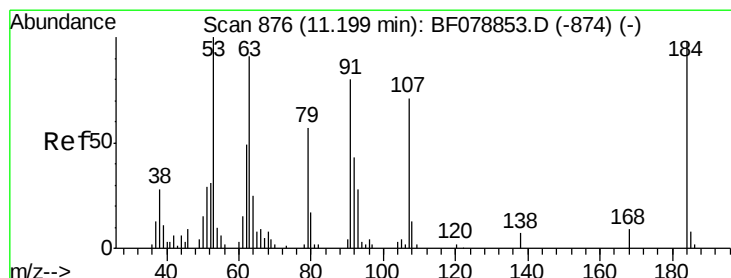
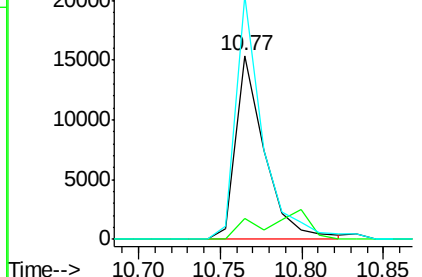
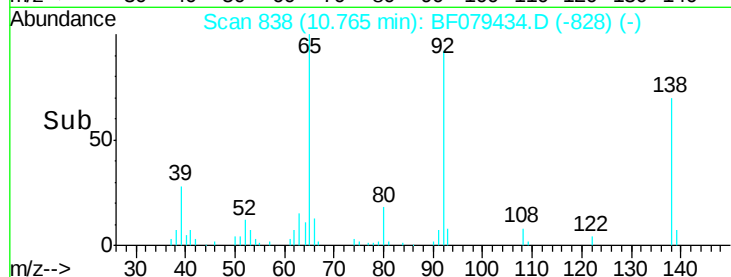
apatel  
5/27/2015 8:15:27 AM



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: 19.71 ng

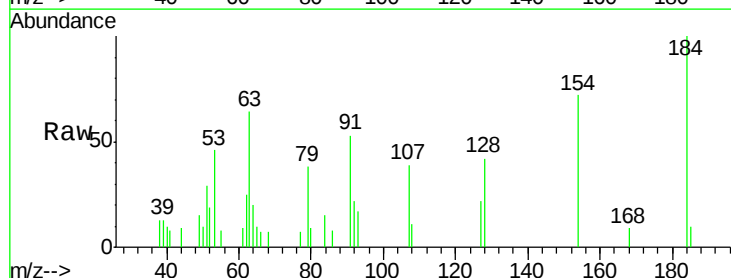
RT: 10.91 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

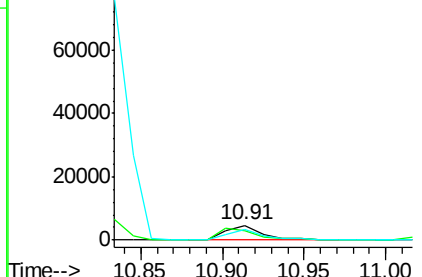
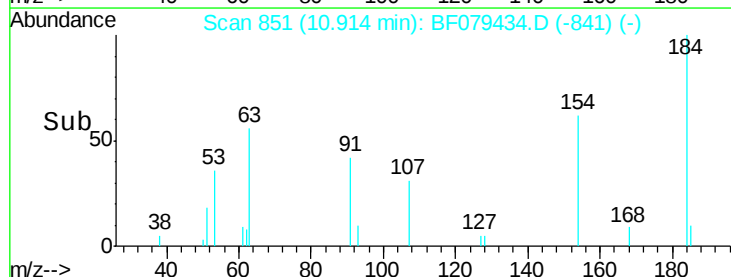
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 7478   |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 63        | 64.2  | 98.8  | 148.2# |
| 154       | 72.2  | 63.4  | 95.0   |

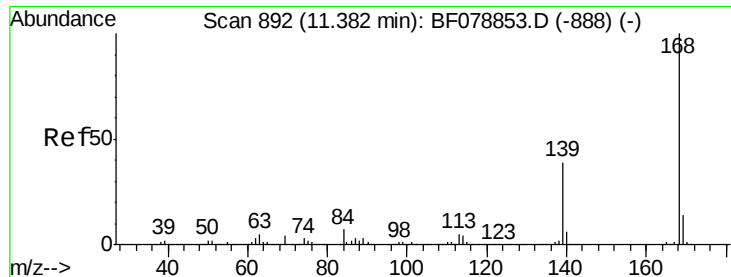


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





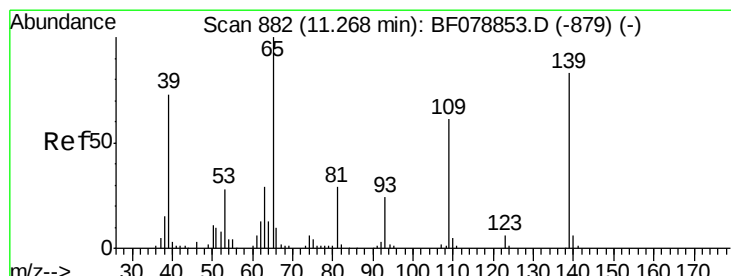
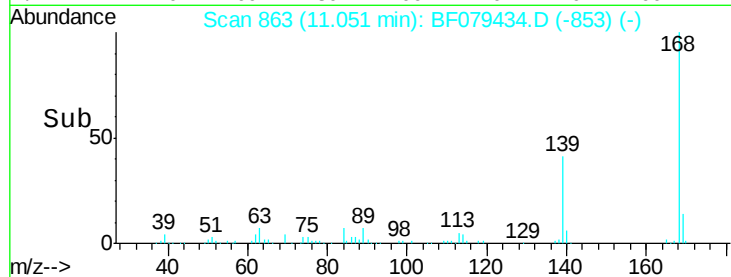
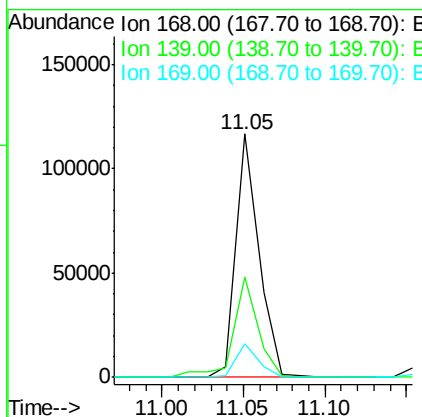
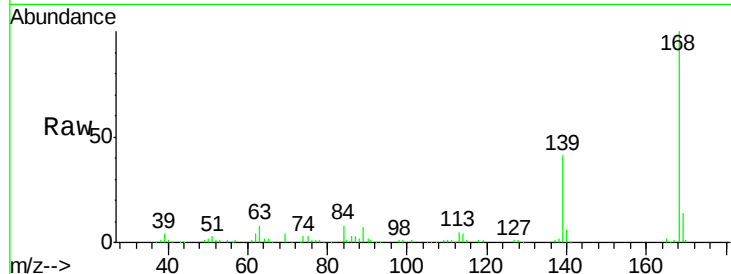
#54  
Dibenzenofuran  
Concen: 10.10 ng  
RT: 11.05 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:168 | Resp: | 113464    |
| Ion Ratio   | Lower | Upper     |
| 168         | 100   |           |
| 139         | 41.2  | 31.5 47.3 |
| 169         | 13.7  | 11.0 16.4 |

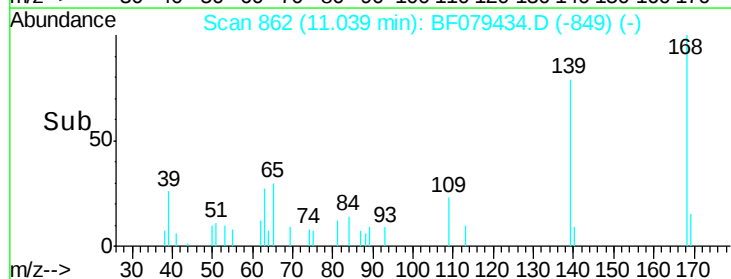
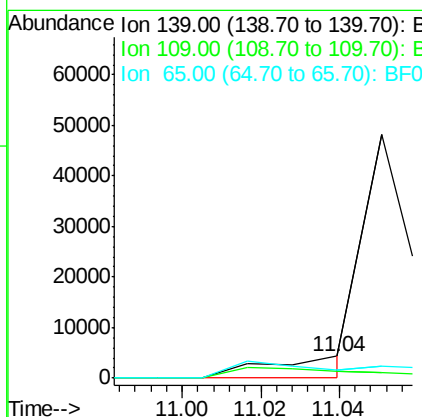
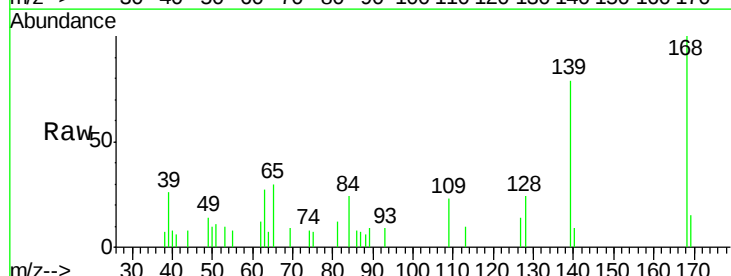
Manual Integrations  
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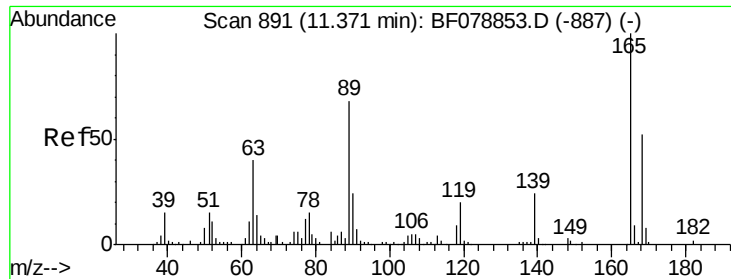
apatel  
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#55  
4-Nitrophenol  
Concen: 3.65 ng m  
RT: 11.04 min Scan# 862  
Delta R.T. 0.03 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

|             |       |              |
|-------------|-------|--------------|
| Tgt Ion:139 | Resp: | 6695         |
| Ion Ratio   | Lower | Upper        |
| 139         | 100   |              |
| 109         | 28.7  | 54.4 94.4#   |
| 65          | 37.6  | 101.0 141.0# |





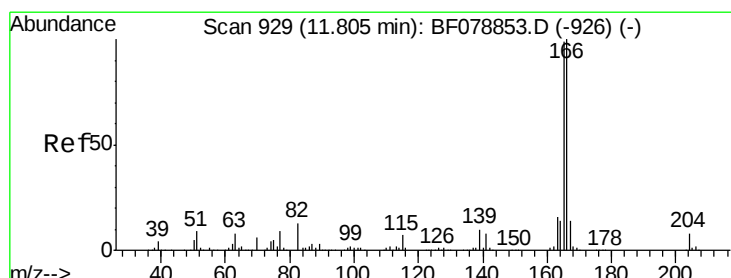
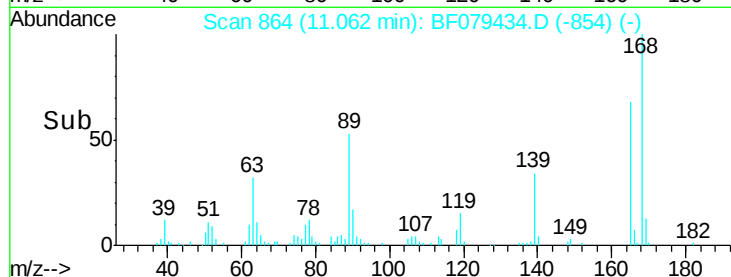
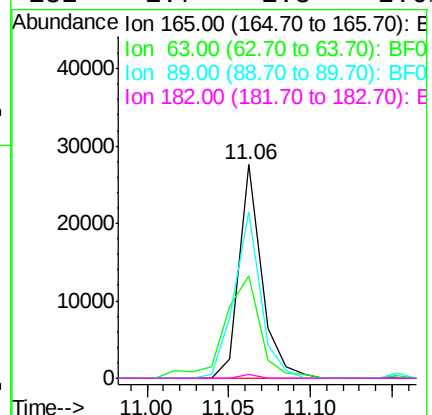
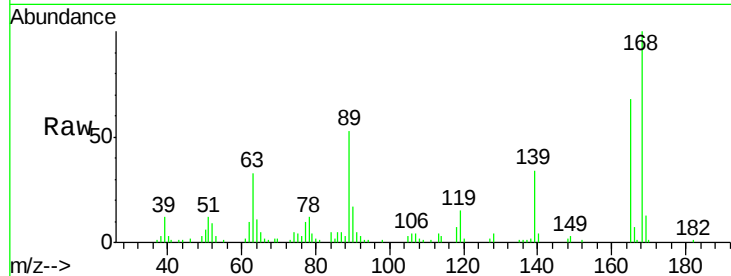
#56  
2,4-Dinitrotoluene  
Concen: 10.73 ng  
RT: 11.06 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.2  | 32.3  | 48.5  |
| 89      | 78.0  | 54.6  | 81.8  |
| 182     | 1.7   | 1.8   | 2.6#  |

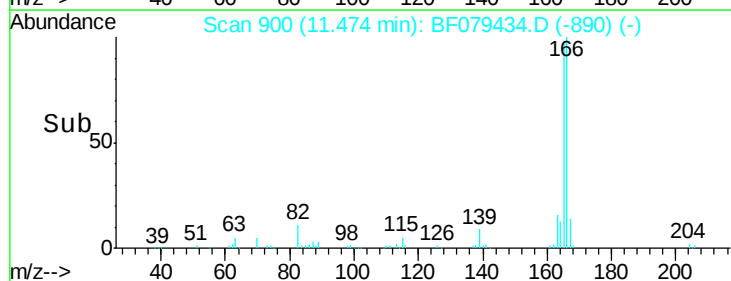
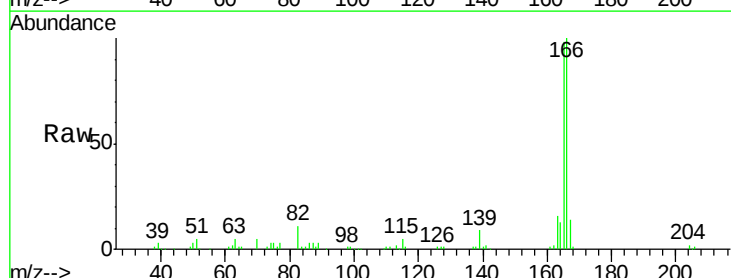
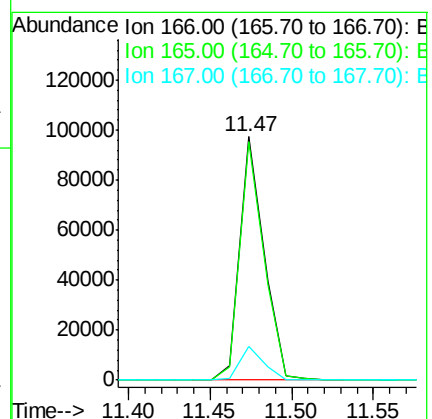
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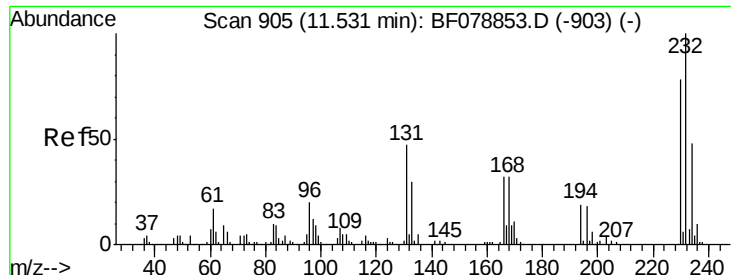
apatel  
5/27/2015 8:15:27 AM



#57  
Fluorene  
Concen: 10.75 ng  
RT: 11.47 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.2  | 79.5  | 119.3 |
| 167     | 13.7  | 11.0  | 16.6  |





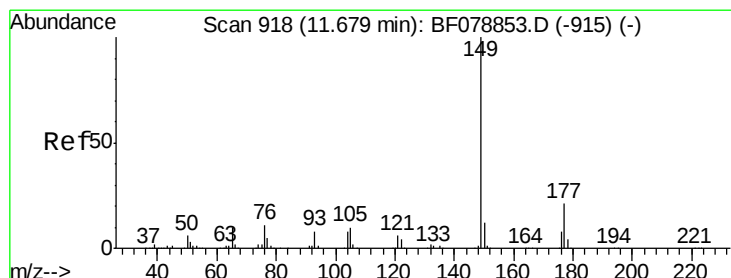
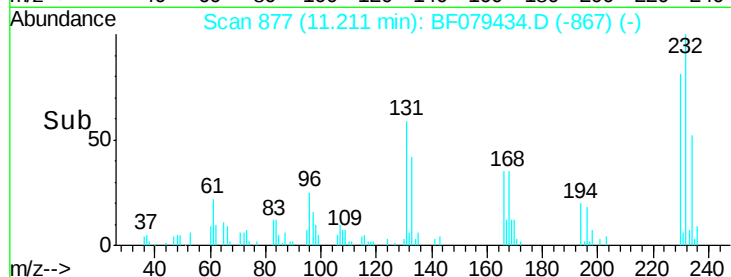
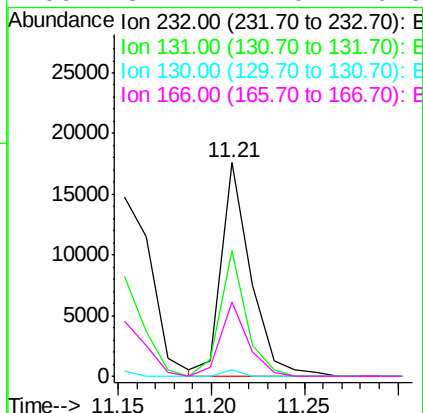
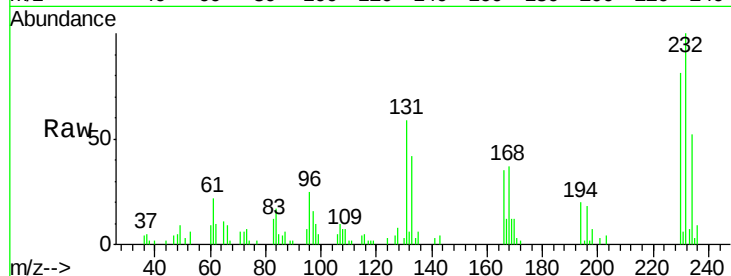
#58  
2,3,4,6-Tetrachlorophenol  
Concen: 9.51 ng  
RT: 11.21 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 232   | Resp: | 19492 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 51.9  | 41.9  | 62.9  |
| 130       | 2.0   | 1.9   | 2.9   |
| 166       | 32.4  | 27.0  | 40.6  |

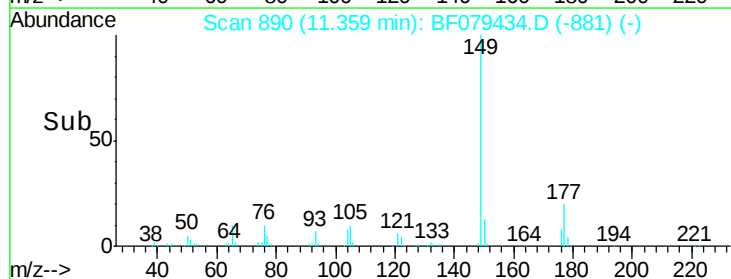
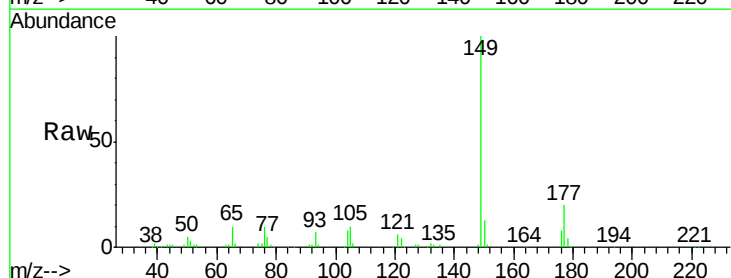
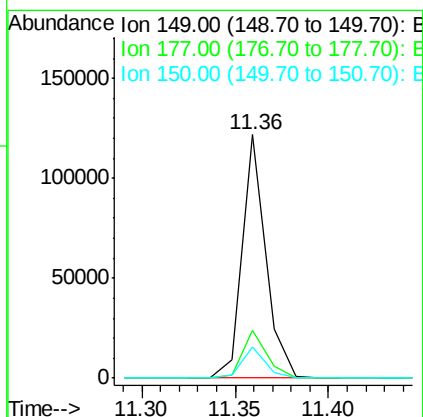
Manual Integrations  
APPROVED

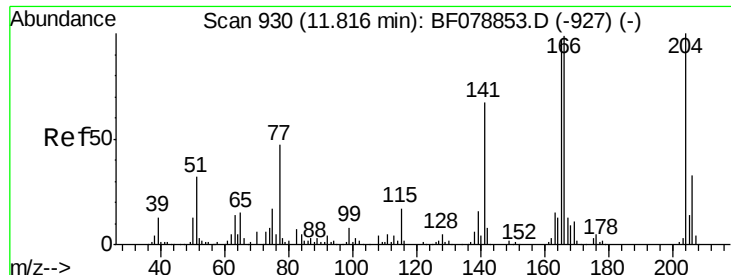
apatel  
5/27/2015 8:15:27 AM



#59  
Diethylphthalate  
Concen: 11.48 ng  
RT: 11.36 min Scan# 890  
Delta R.T. -0.01 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 106982 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 19.8  | 16.4  | 24.6   |
| 150       | 12.8  | 9.8   | 14.6   |





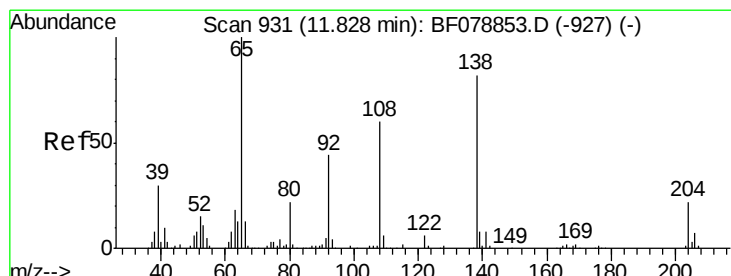
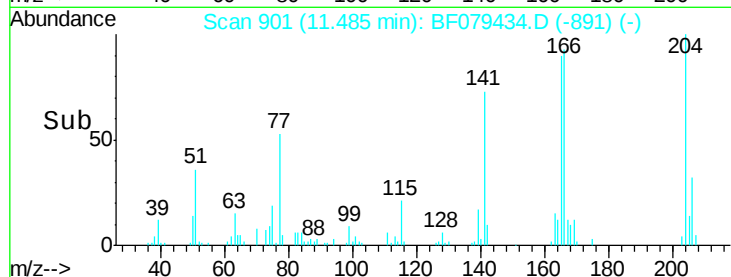
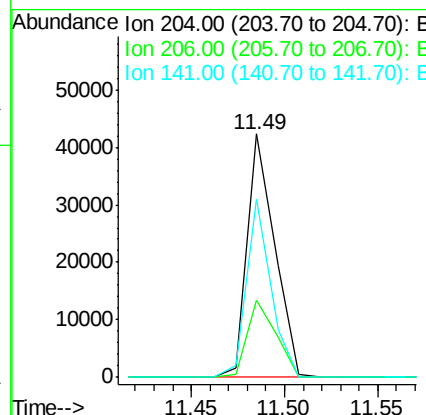
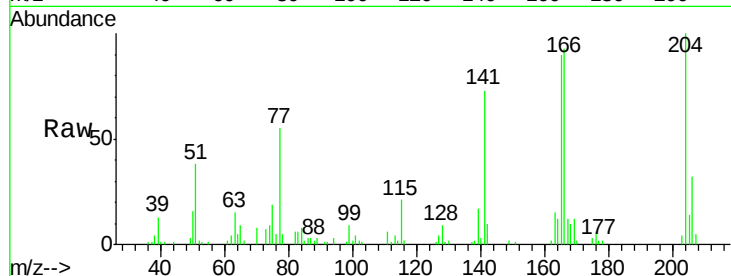
#60  
4-Chlorophenyl-phenylether  
Concen: 10.71 ng  
RT: 11.49 min Scan# 901  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.9  | 26.2  | 39.4  |
| 141     | 73.5  | 53.6  | 80.4  |

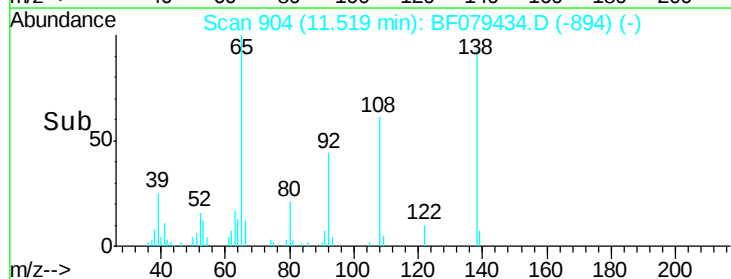
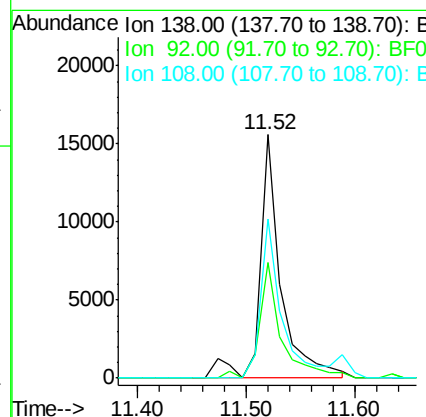
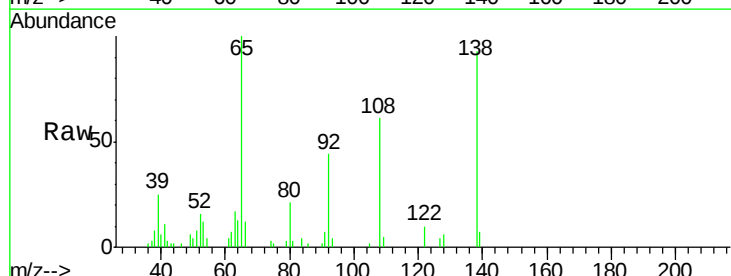
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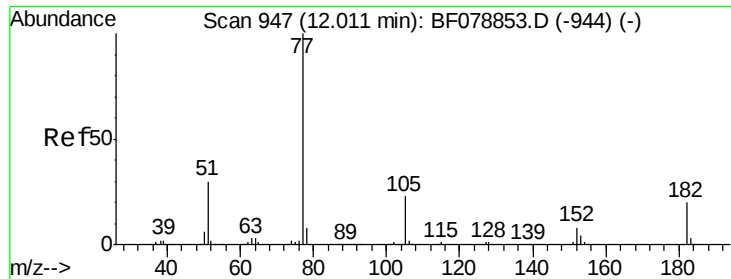
apatel  
5/27/2015 8:15:27 AM



#61  
4-Nitroaniline  
Concen: 9.14 ng  
RT: 11.52 min Scan# 904  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.4  | 33.7  | 73.7  |
| 108     | 65.3  | 53.4  | 93.4  |





#62

Azobenzene

Concen: 10.66 ng

RT: 11.68 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

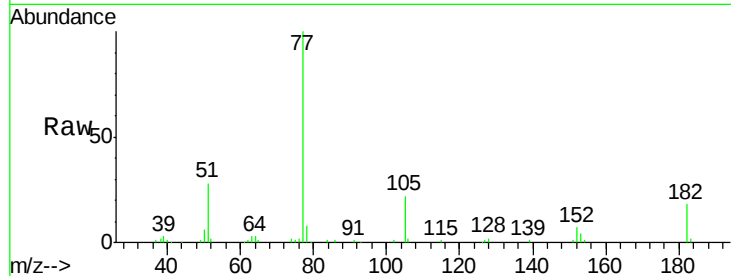
ClientSampleId :

KY024MW068-150512MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 17.8 | 0.0   | 40.0  |       |
| 105     | 21.7 | 2.9   | 42.9  |       |
| 51      | 28.4 | 10.0  | 50.0  |       |

Manual Integrations  
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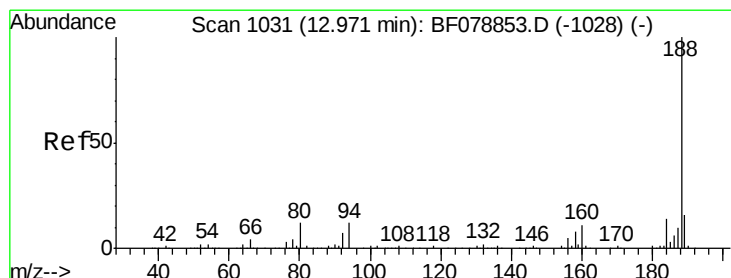
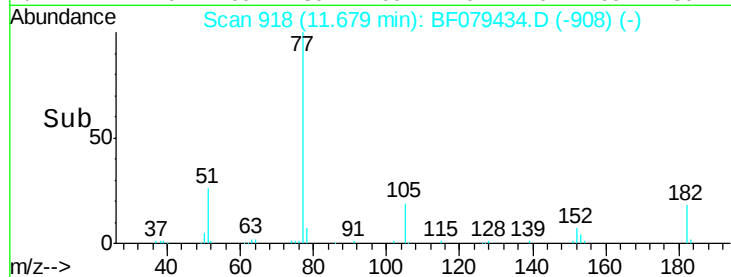
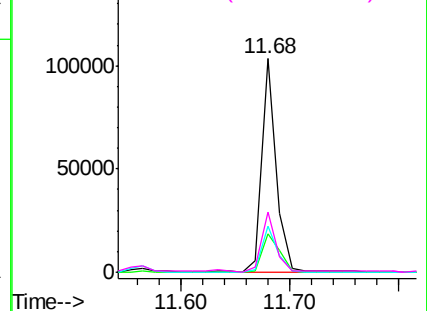


Abundance Ion 77.00 (76.70 to 77.70): BF079434.D (-918) (-)

Ion 182.00 (181.70 to 182.70): BF079434.D (-918) (-)

Ion 105.00 (104.70 to 105.70): BF079434.D (-918) (-)

Ion 51.00 (50.70 to 51.70): BF079434.D (-918) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.64 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF079434.D

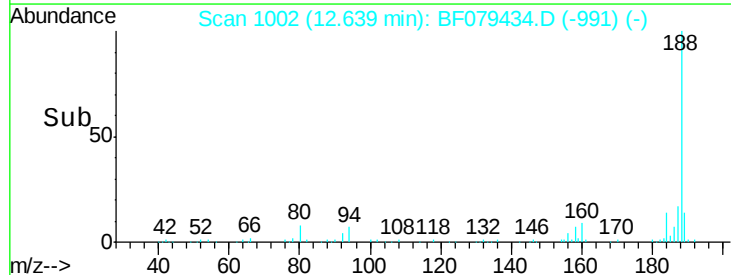
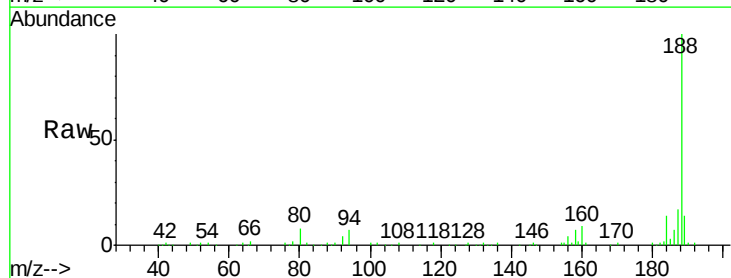
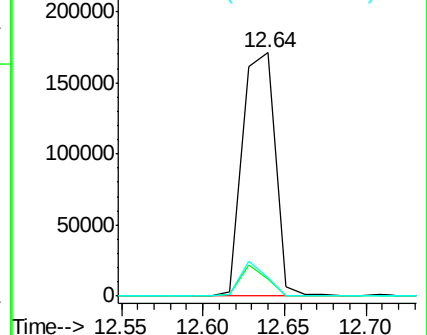
Acq: 22 May 2015 15:43

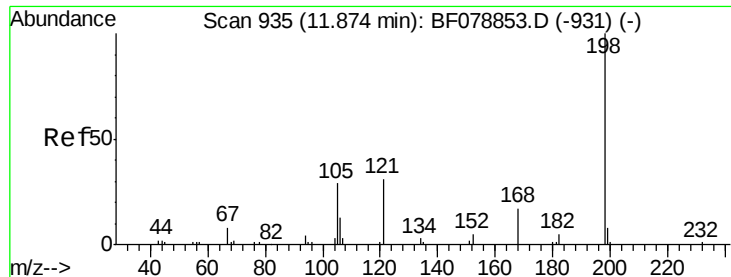
| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 7.1 | 9.4   | 14.0# |       |
| 80      | 7.7 | 9.8   | 14.6# |       |

Abundance Ion 188.00 (187.70 to 188.70): BF079434.D (-991) (-)

Ion 94.00 (93.70 to 94.70): BF079434.D (-991) (-)

Ion 80.00 (79.70 to 80.70): BF079434.D (-991) (-)





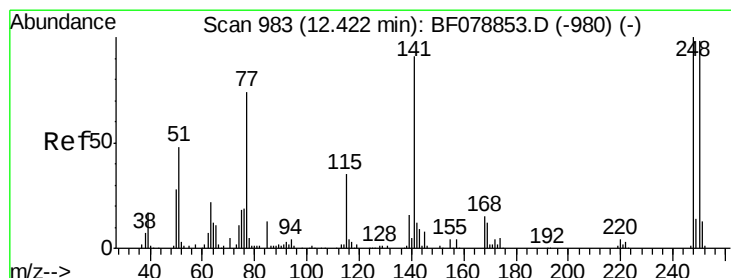
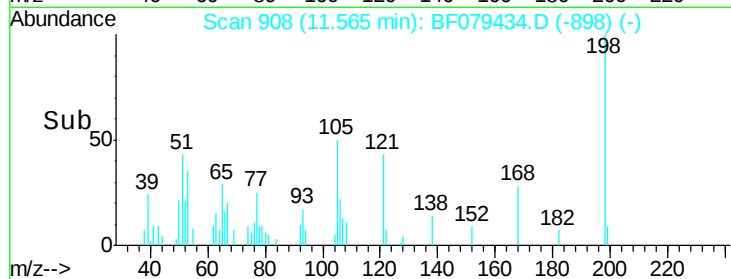
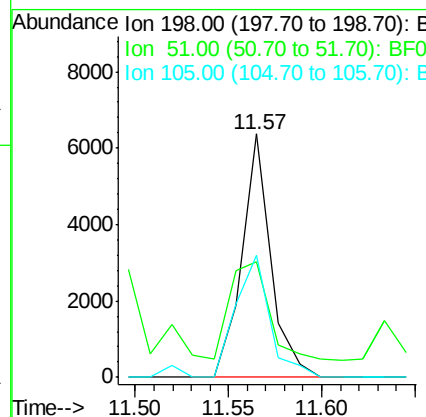
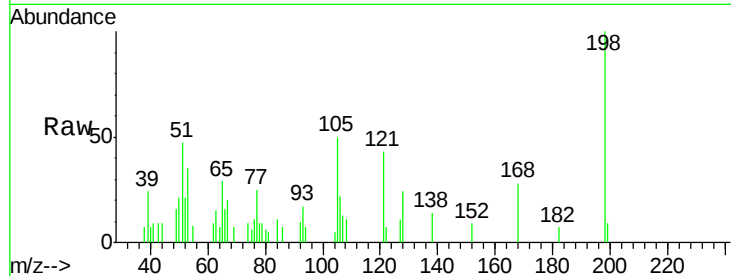
#64  
4,6-Dinitro-2-methylphenol  
Concen: 10.63 ng  
RT: 11.57 min Scan# 908  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   | 6875 |       |       |
| 51      | 47.3  | 7.0  | 47.0  |       |
| 105     | 50.0  | 13.7 | 53.7  |       |

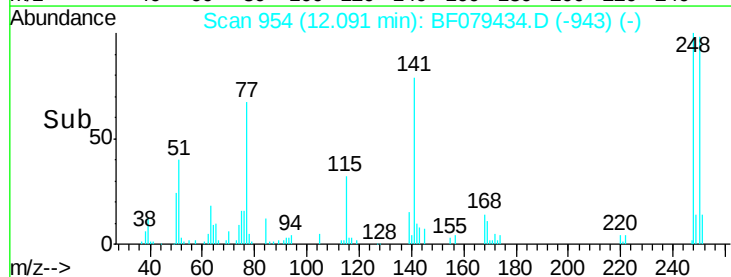
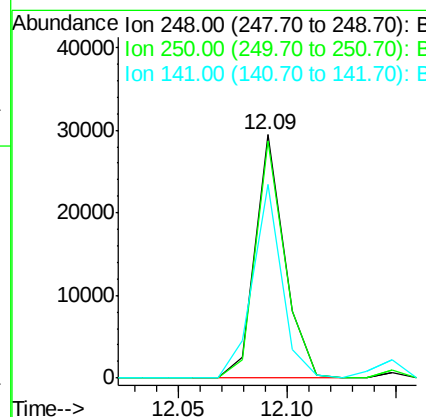
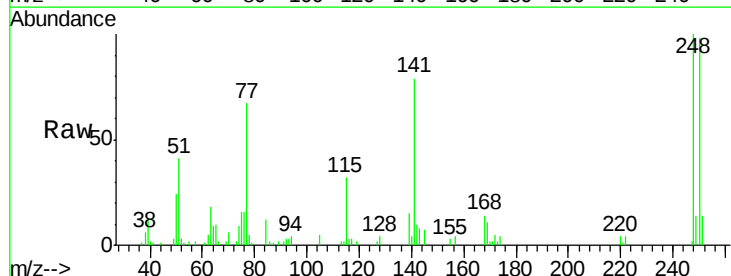
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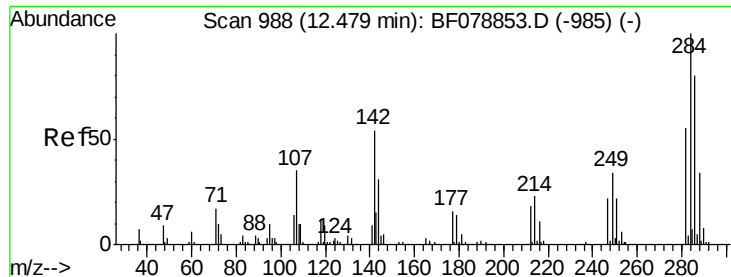
apatel  
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#66  
4-Bromophenyl-phenylether  
Concen: 11.29 ng  
RT: 12.09 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 27782 |       |       |
| 250     | 97.7  | 78.0  | 117.0 |       |
| 141     | 79.3  | 72.6  | 109.0 |       |





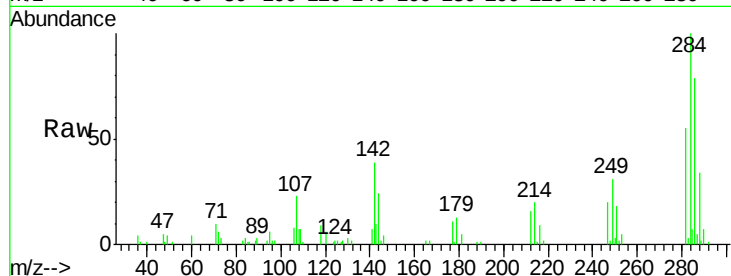
#67  
Hexachlorobenzene  
Concen: 11.03 ng  
RT: 12.15 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

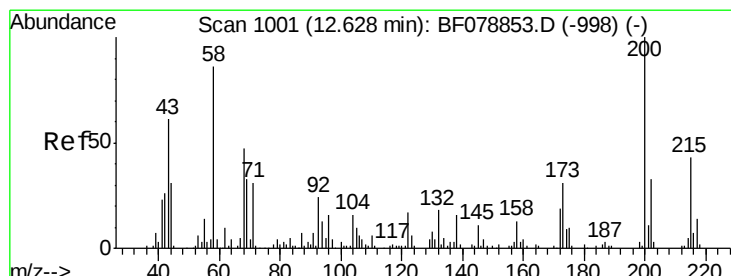
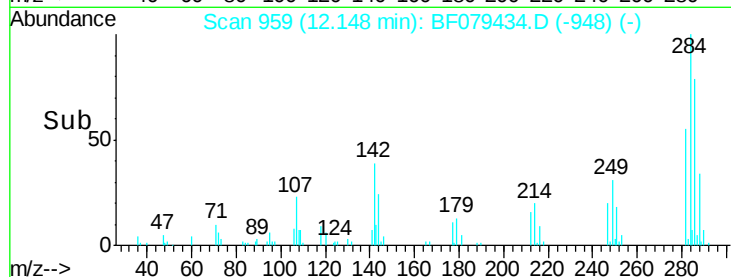
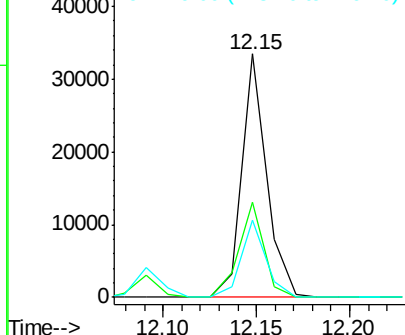
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 31015 |       |       |
| 142     | 38.9  | 43.2  | 64.8# |       |
| 249     | 31.5  | 27.5  | 41.3  |       |

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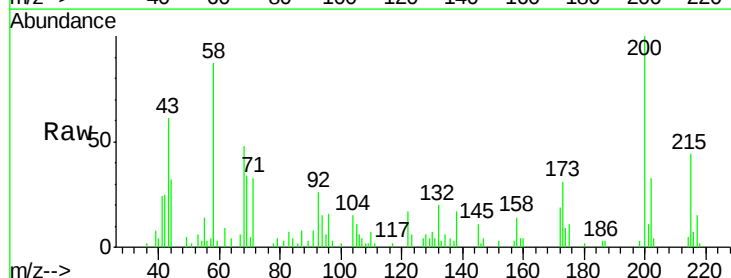


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

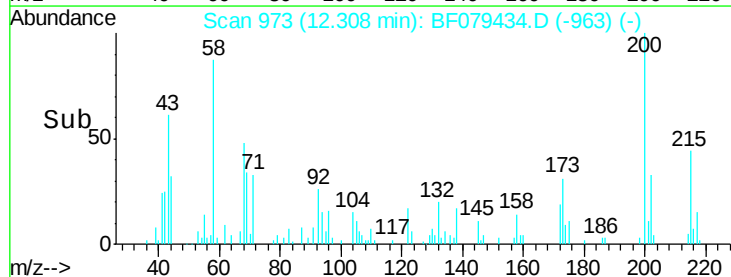
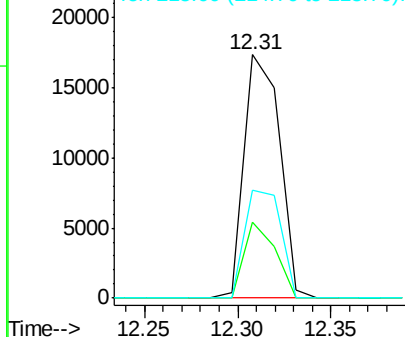


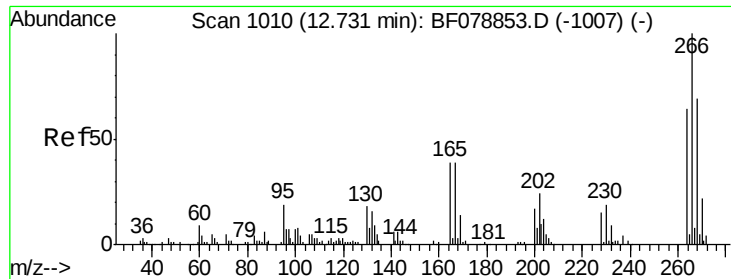
#68  
Atrazine  
Concen: 9.98 ng  
RT: 12.31 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 22804 |       |       |
| 173     | 31.4  | 10.9  | 50.9  |       |
| 215     | 44.3  | 23.2  | 63.2  |       |



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





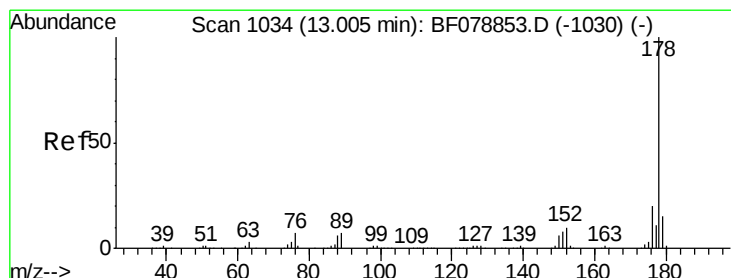
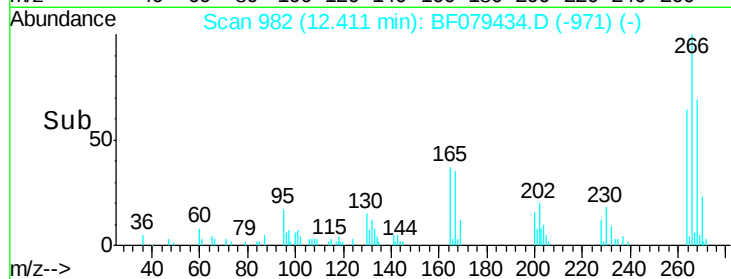
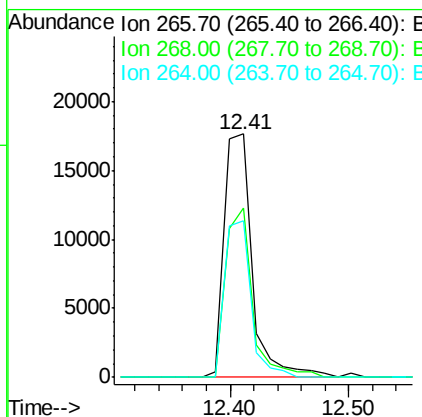
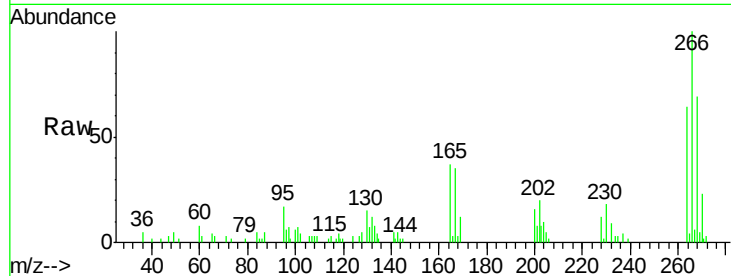
#69  
 Pentachlorophenol  
 Concen: 22.86 ng  
 RT: 12.41 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 28819 |       |       |
| 268     | 69.4  | 55.0  | 82.6  |       |
| 264     | 64.2  | 50.9  | 76.3  |       |

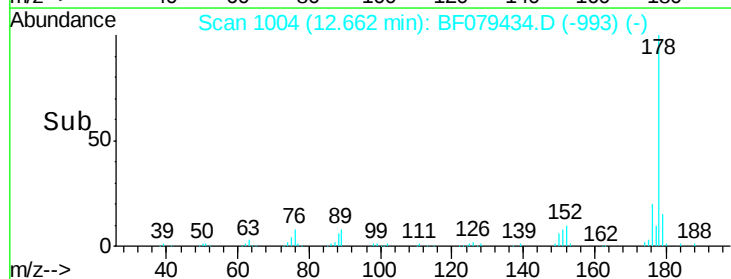
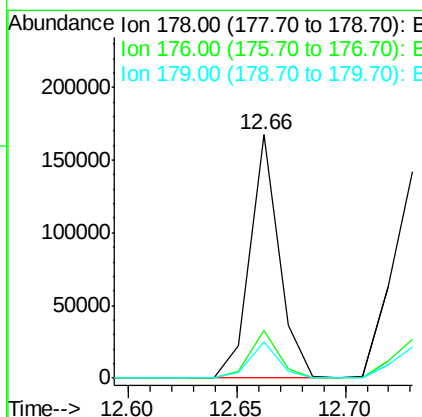
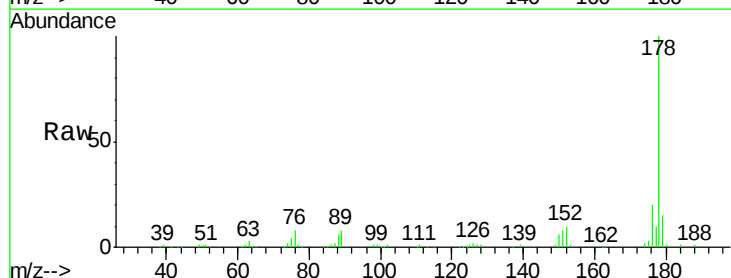
Manual Integrations  
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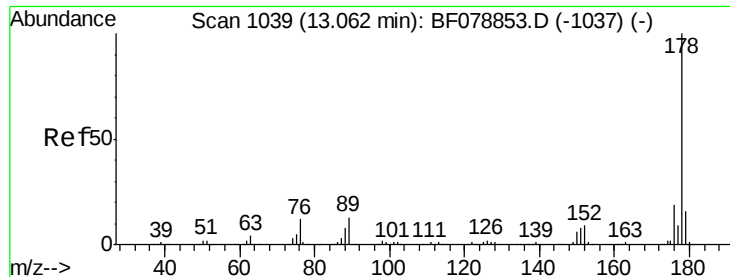
apatel  
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#70  
 Phenanthrene  
 Concen: 11.85 ng  
 RT: 12.66 min Scan# 1004  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 156426 |       |       |
| 176     | 19.8  | 15.9   | 23.9  |       |
| 179     | 15.0  | 12.2   | 18.4  |       |





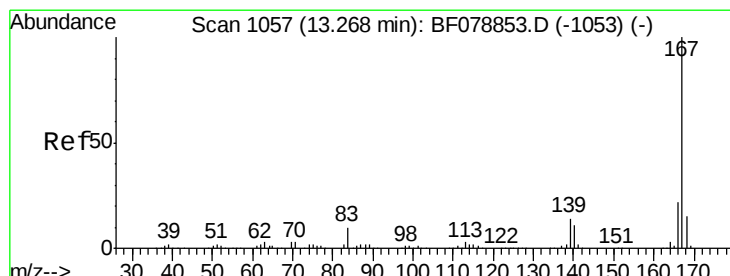
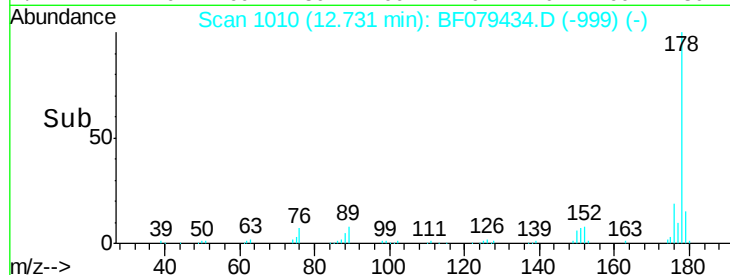
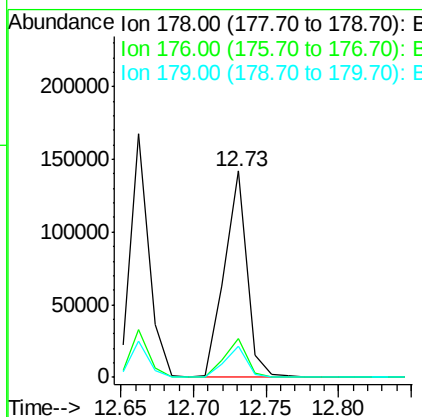
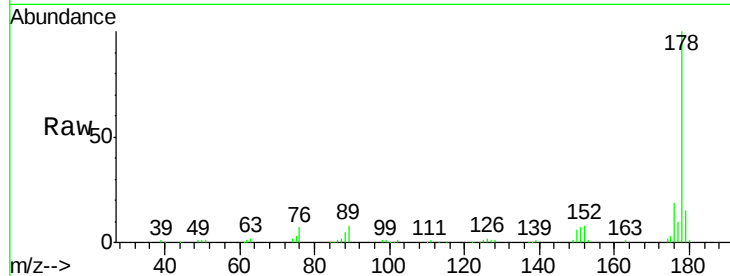
#71  
 Anthracene  
 Concen: 11.89 ng  
 RT: 12.73 min Scan# 1010  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.3  | 22.9  |
| 179     | 15.2  | 12.6  | 19.0  |

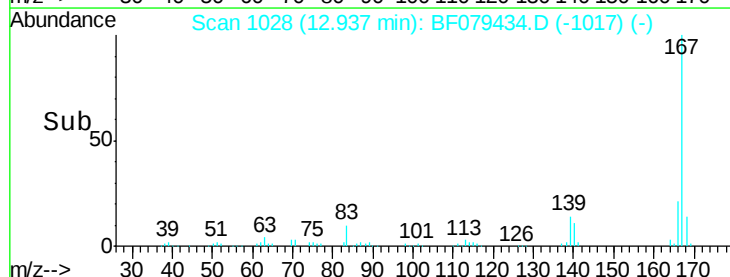
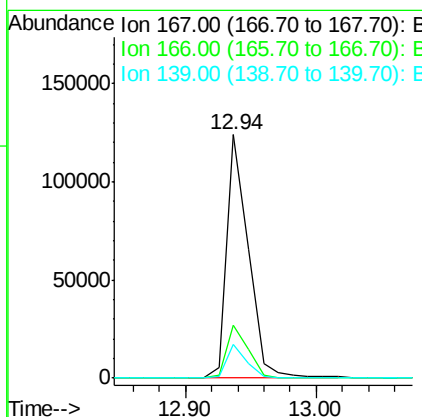
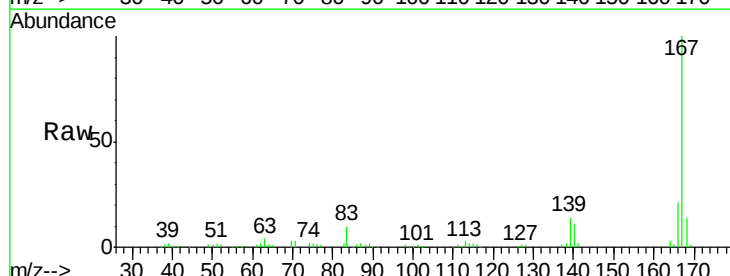
Manual Integrations  
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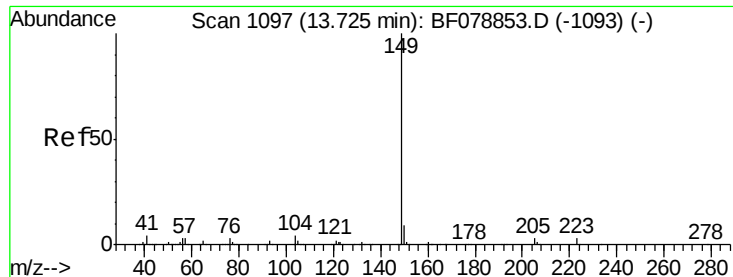
apatel  
 5/27/2015 8:15:27 AM



#72  
 Carbazole  
 Concen: 11.62 ng  
 RT: 12.94 min Scan# 1028  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 17.5  | 26.3  |
| 139     | 13.9  | 11.0  | 16.4  |





#73

Di-n-butylphthalate

Concen: 12.96 ng

RT: 13.39 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

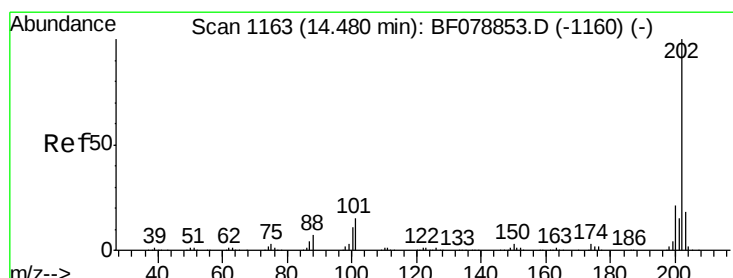
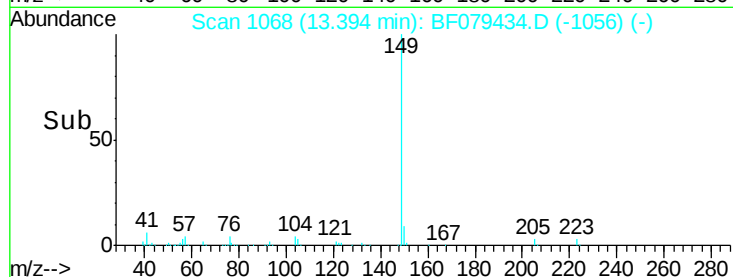
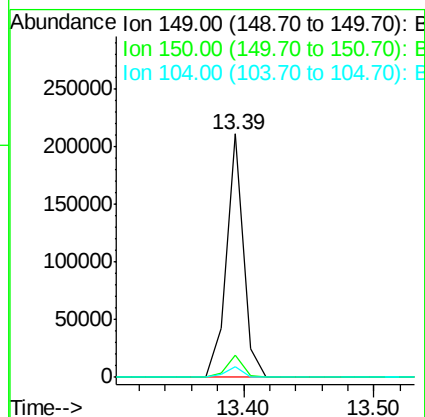
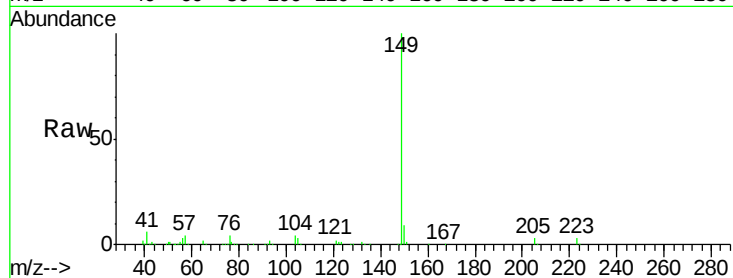
ClientSampleId :

KY024MW068-150512MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 191803 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.9   | 7.0   | 10.4   |
| 104       | 4.2   | 3.3   | 4.9    |

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#74

Fluoranthene

Concen: 12.06 ng

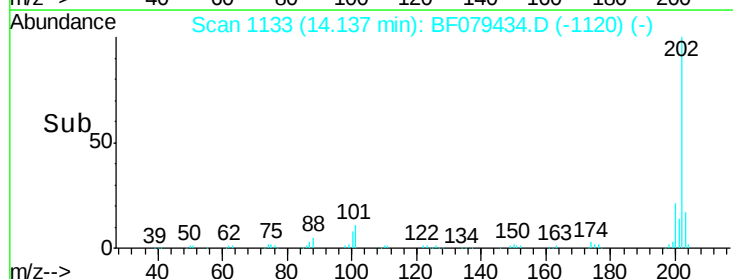
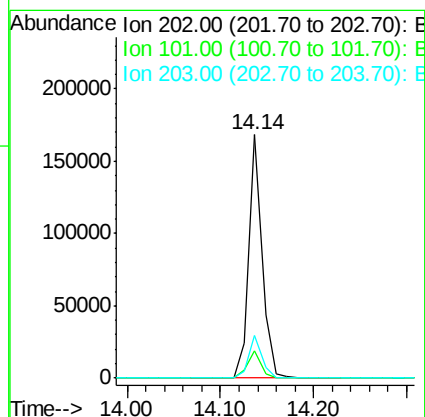
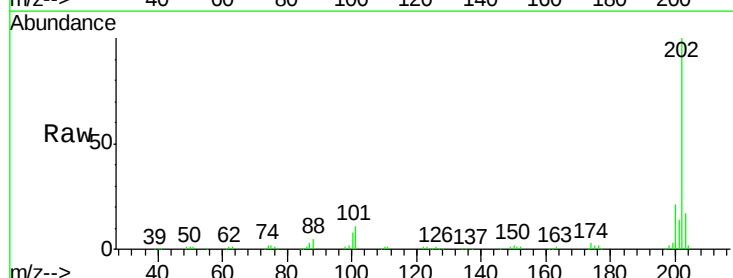
RT: 14.14 min Scan# 1133

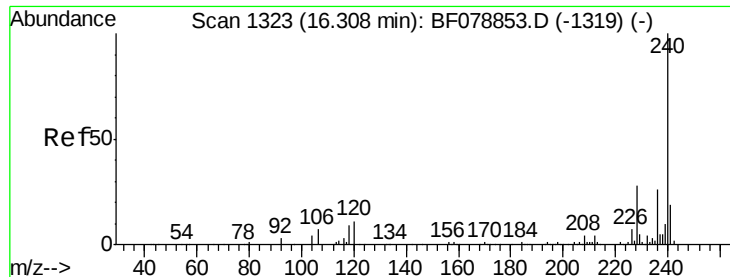
Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 165842 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.4  | 0.0   | 34.7   |
| 203       | 17.4  | 0.0   | 37.9   |





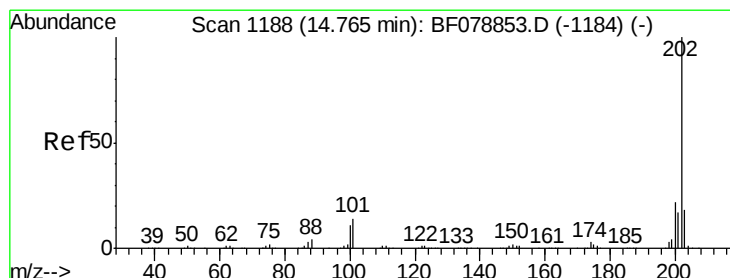
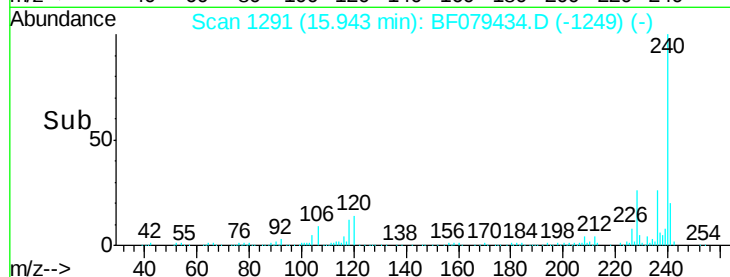
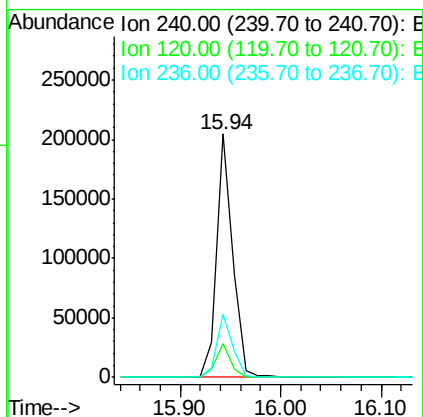
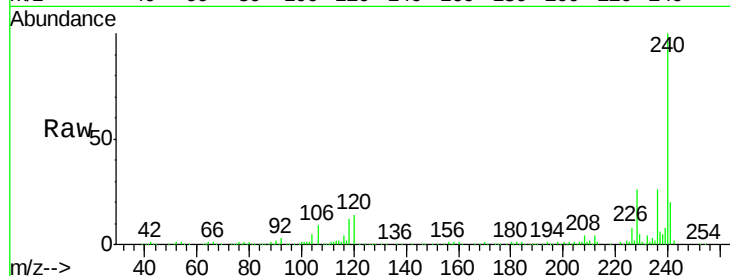
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.94 min Scan# 1291  
Delta R.T. -0.02 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 14.0  | 8.6   | 12.8  |
| 236     | 26.0  | 21.0  | 31.6  |

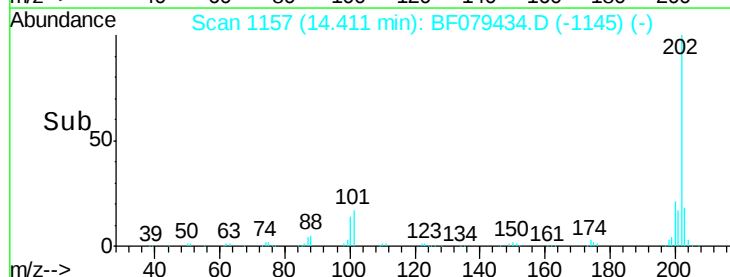
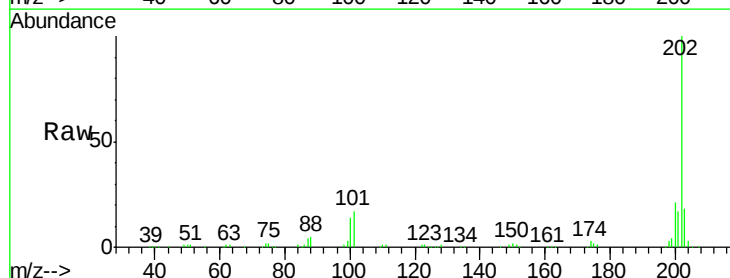
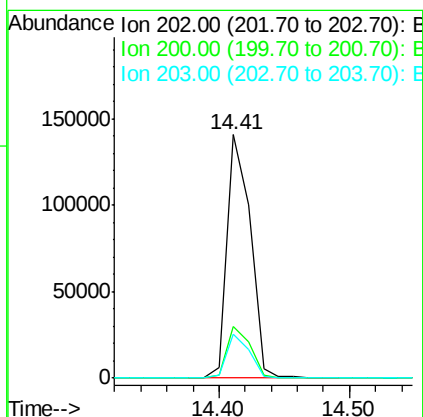
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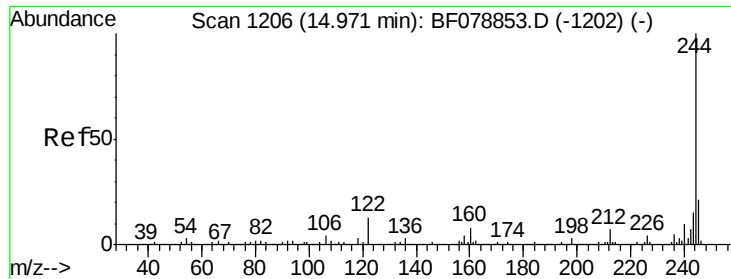
apatel  
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#77  
Pyrene  
Concen: 13.44 ng  
RT: 14.41 min Scan# 1157  
Delta R.T. -0.01 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.3  | 17.5  | 26.3  |
| 203     | 18.2  | 14.7  | 22.1  |





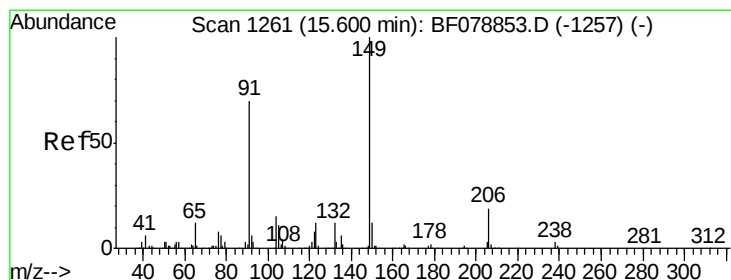
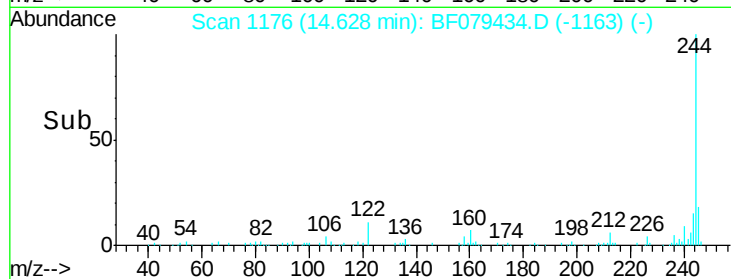
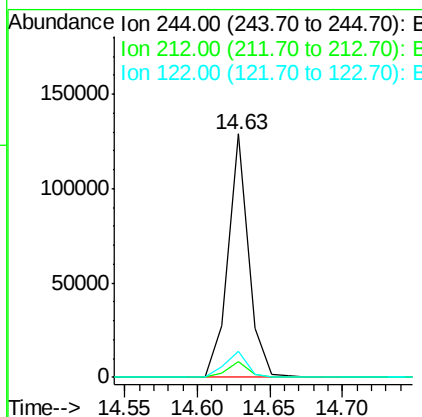
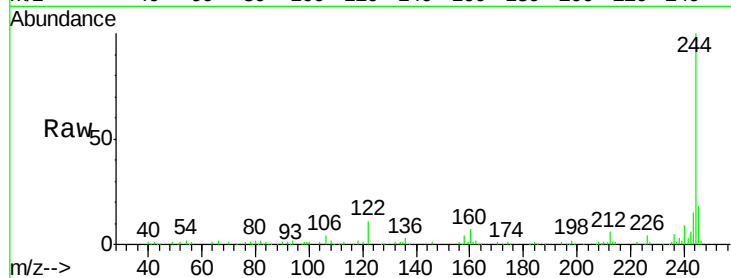
#78  
 Terphenyl-d14  
 Concen: 13.37 ng  
 RT: 14.63 min Scan# 1176  
 Delta R.T. 0.00 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.3   | 5.6   | 8.4   |
| 122     | 10.9  | 10.5  | 15.7  |

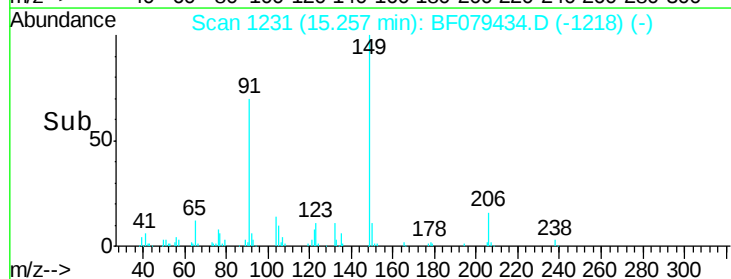
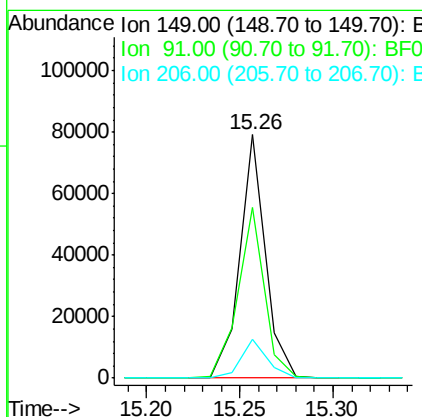
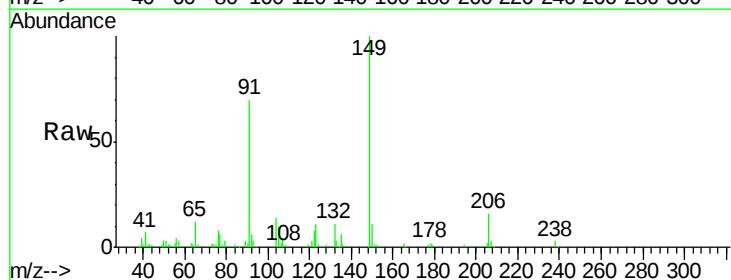
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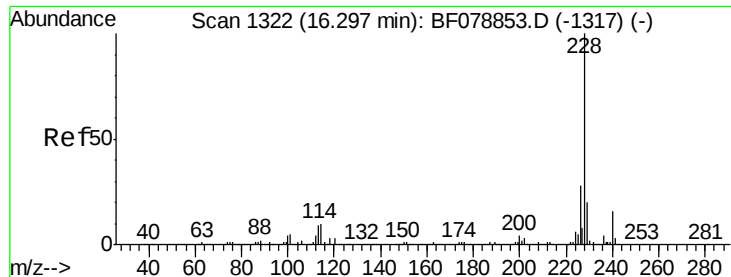
apatel  
 5/27/2015 8:15:27 AM



#79  
 Butylbenzylphthalate  
 Concen: 13.24 ng  
 RT: 15.26 min Scan# 1231  
 Delta R.T. -0.01 min  
 Lab File: BF079434.D  
 Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.1  | 56.2  | 84.2  |
| 206     | 16.0  | 15.2  | 22.8  |





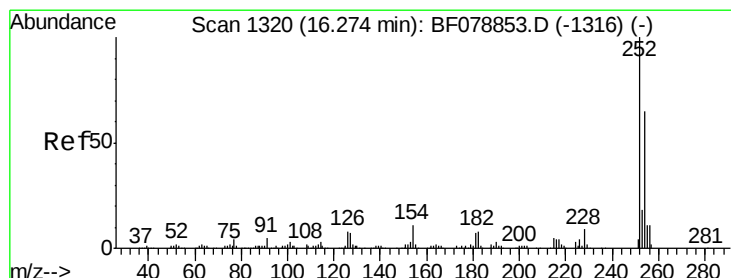
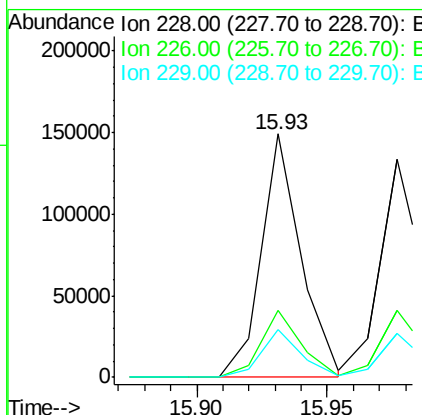
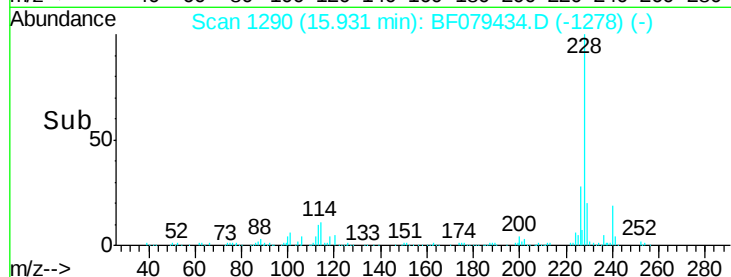
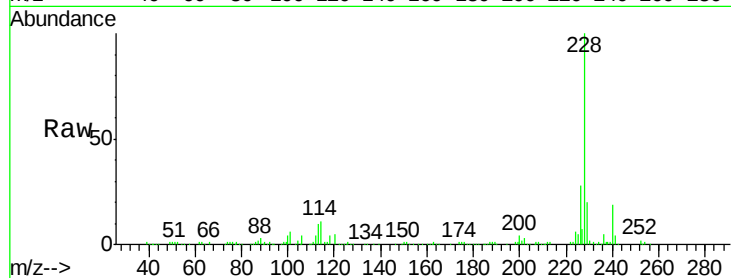
#80  
Benzo(a)anthracene  
Concen: 12.76 ng  
RT: 15.93 min Scan# 1290  
Delta R.T. -0.02 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 22.3  | 33.5  |
| 229     | 19.6  | 16.1  | 24.1  |

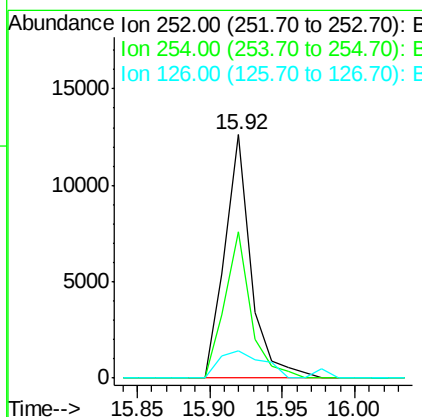
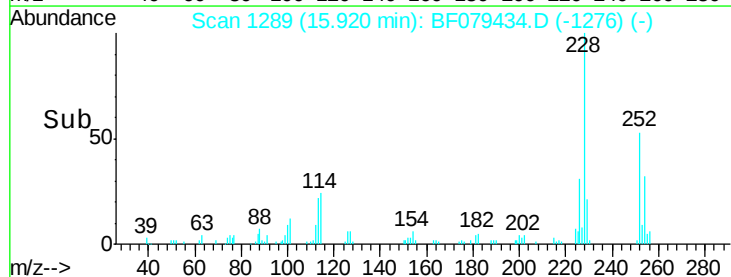
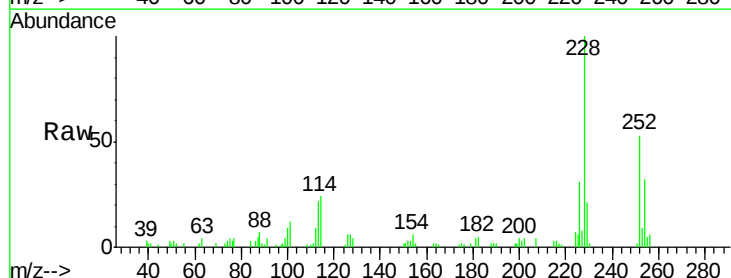
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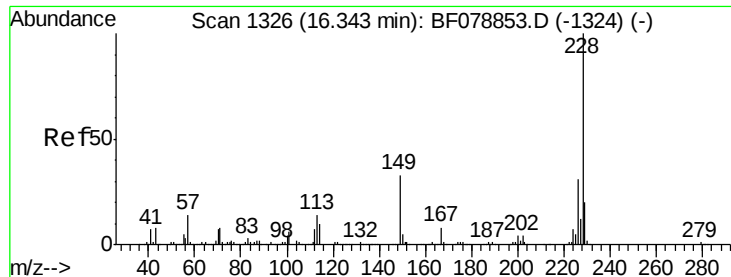
apatel  
5/27/2015 8:15:27 AM



#81  
3,3'-Dichlorobenzidine  
Concen: 3.61 ng  
RT: 15.92 min Scan# 1289  
Delta R.T. -0.01 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 60.2  | 52.2  | 78.2  |
| 126     | 11.3  | 6.6   | 9.8#  |





#82

Chrysene

Concen: 12.80 ng

RT: 15.98 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

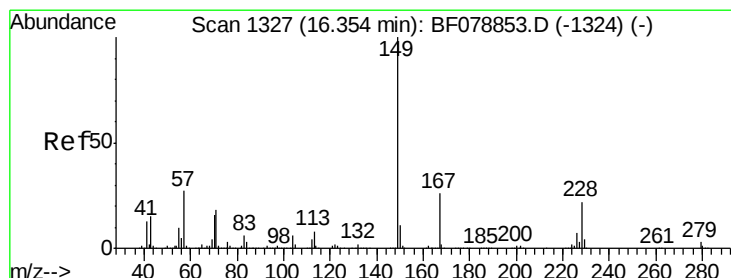
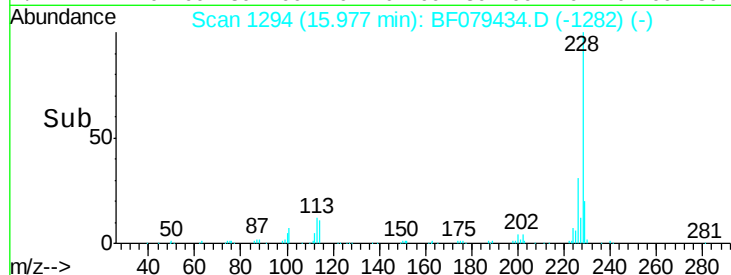
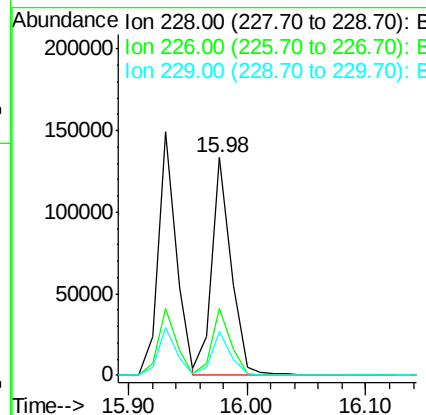
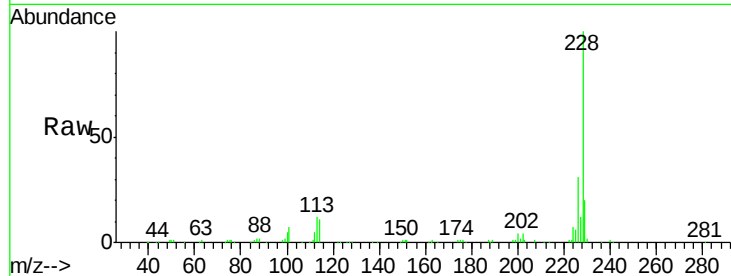
ClientSampleId :

KY024MW068-150512MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 152594 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 30.8 | 24.8  | 37.2   |
| 229       | 19.9 | 16.1  | 24.1   |

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apatel  
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#83

Bis(2-ethylhexyl)phthalate

Concen: 13.16 ng

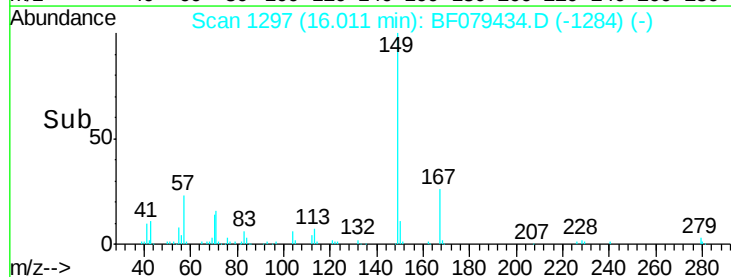
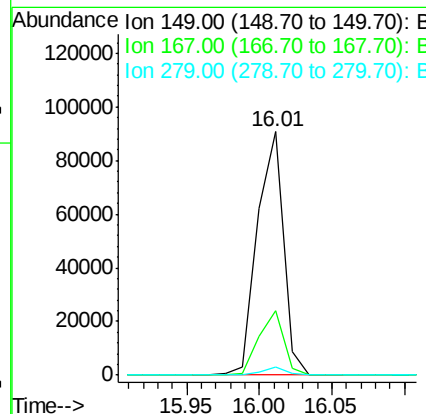
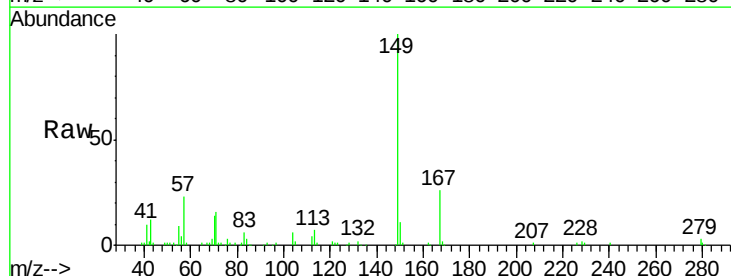
RT: 16.01 min Scan# 1297

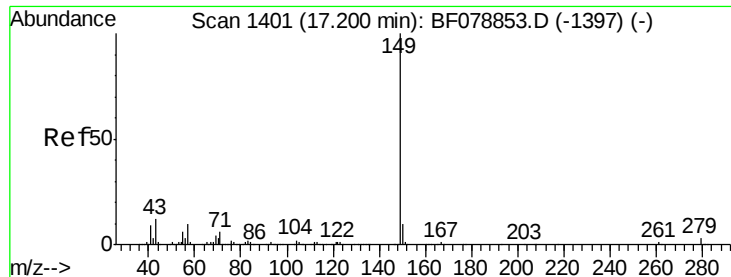
Delta R.T. -0.02 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 113642 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 26.2 | 21.2  | 31.8   |
| 279       | 3.5  | 2.6   | 4.0    |





#84

Di-n-octyl phthalate

Concen: 12.09 ng

RT: 16.85 min Scan# 1370

Delta R.T. -0.05 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA\_F

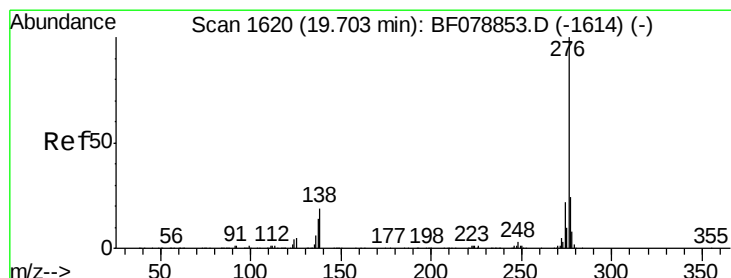
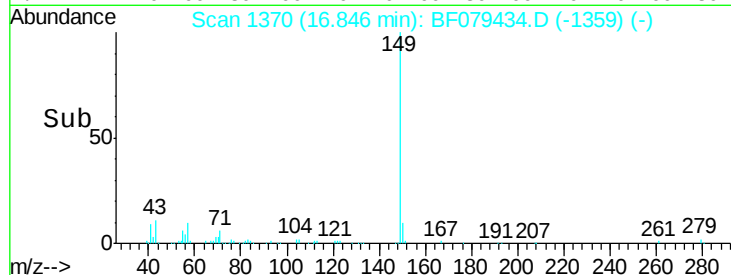
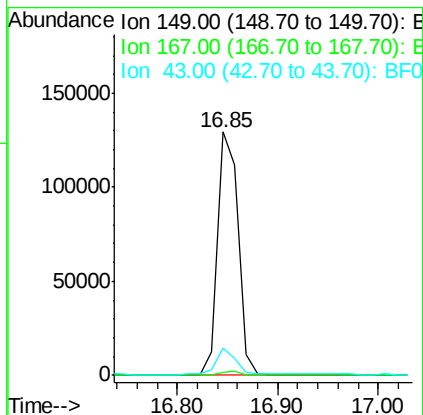
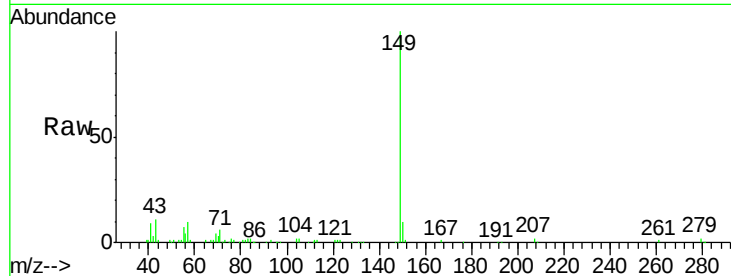
ClientSampleId :

KY024MW068-150512MSD

|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 149 | Resp: | 183947 |
| Ion Ratio |     | Lower | Upper  |
| 149       | 100 |       |        |
| 167       | 1.6 | 1.2   | 1.8    |
| 43        | 9.9 | 9.0   | 13.6   |

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#85

Indeno(1,2,3-cd)pyrene

Concen: 11.74 ng

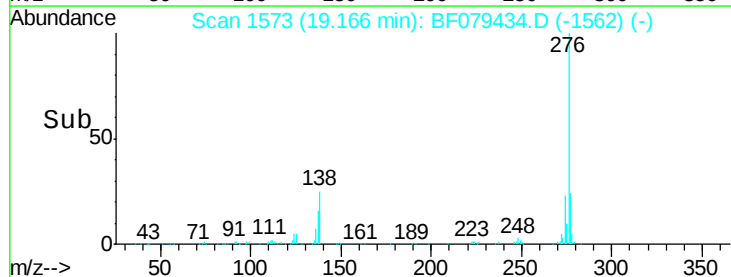
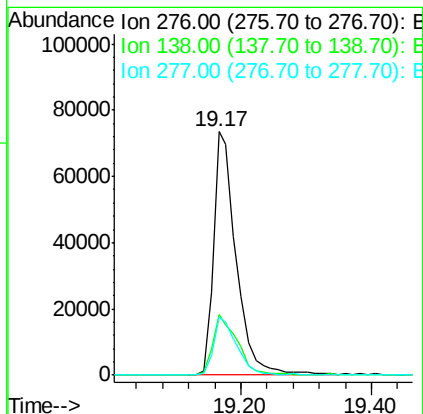
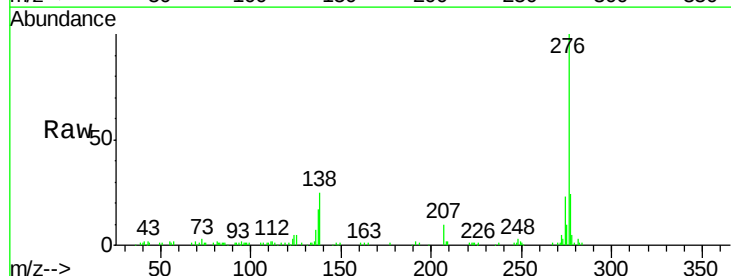
RT: 19.17 min Scan# 1573

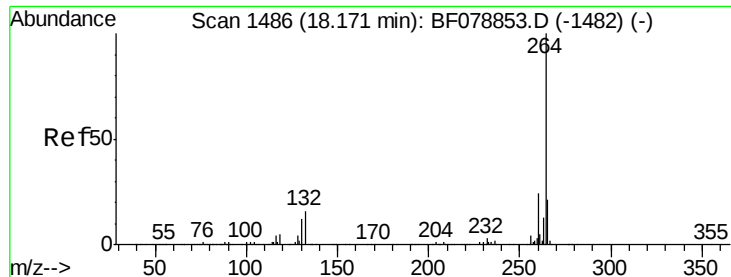
Delta R.T. -0.08 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 178427 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 138       | 26.9 | 21.1  | 31.7   |
| 277       | 24.6 | 19.9  | 29.9   |





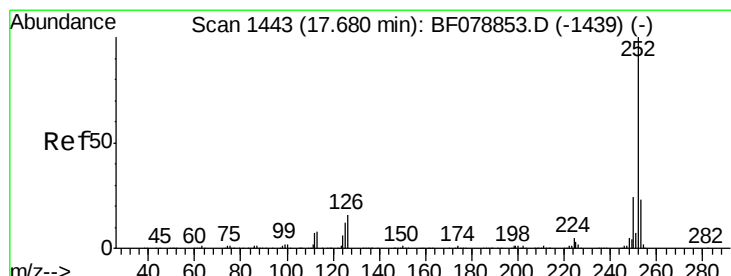
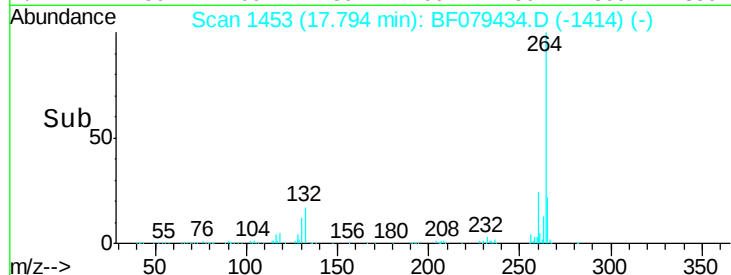
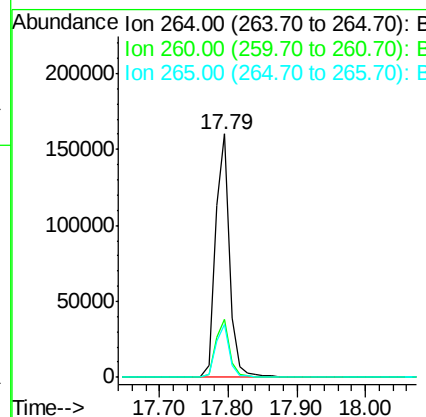
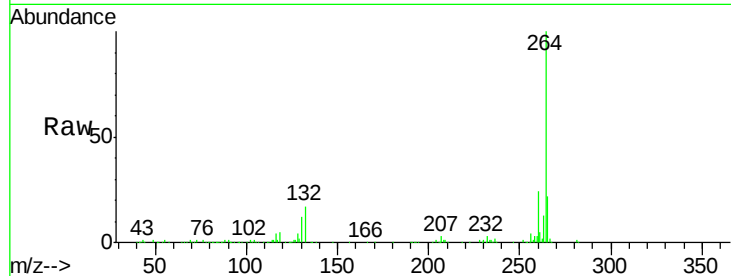
#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 17.79 min Scan# 1453  
Delta R.T. -0.06 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.2  | 28.8  |
| 265     | 21.9  | 17.2  | 25.8  |

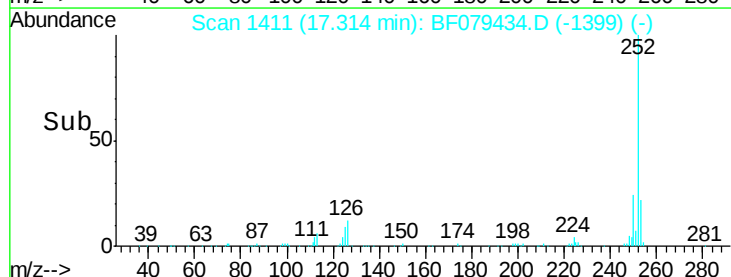
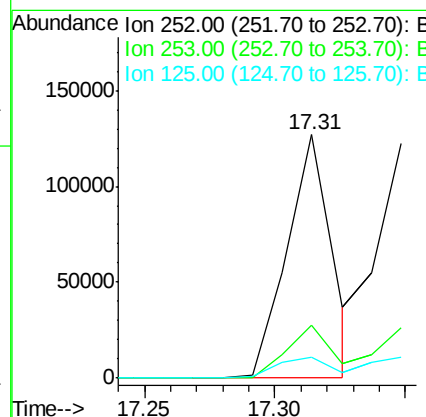
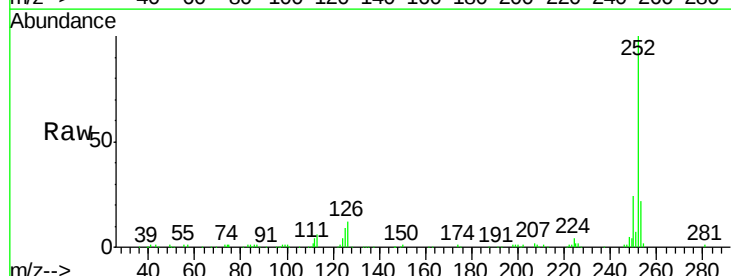
Manual Integrations  
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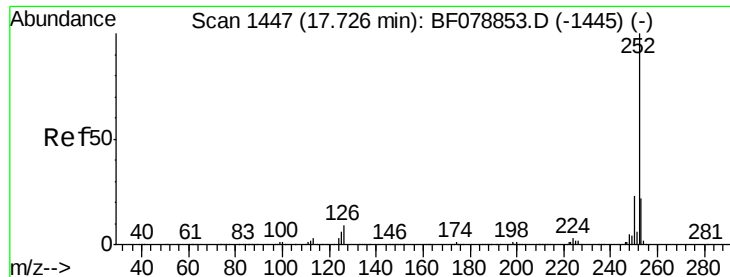
apatel  
5/27/2015 8:15:27 AM



#87  
Benzo(b)fluoranthene  
Concen: 11.99 ng  
RT: 17.31 min Scan# 1411  
Delta R.T. -0.05 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.1  | 27.1  |
| 125     | 8.5   | 9.4   | 14.2# |





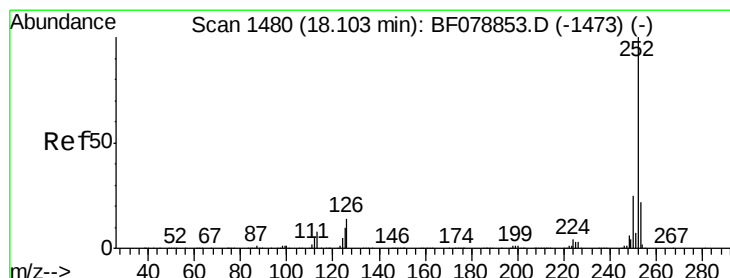
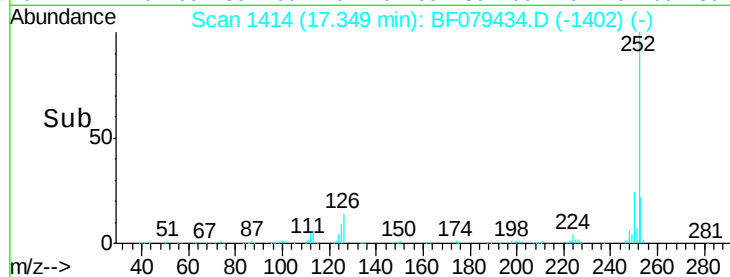
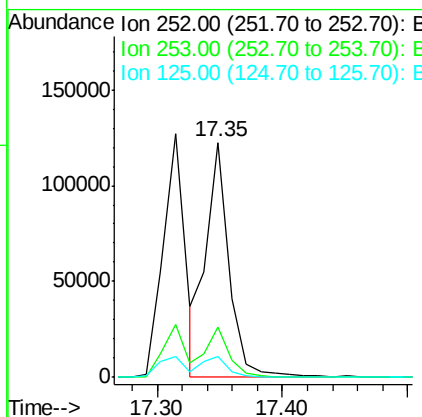
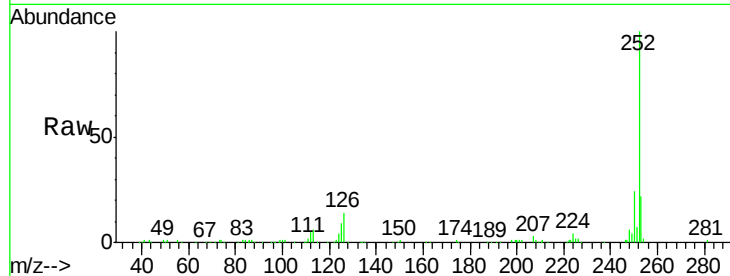
#88  
Benzo(k)fluoranthene  
Concen: 13.10 ng m  
RT: 17.35 min Scan# 1414  
Delta R.T. -0.05 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.4  | 26.0  |
| 125     | 9.1   | 6.1   | 9.1   |

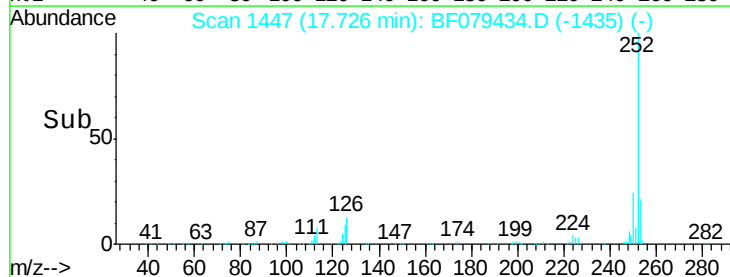
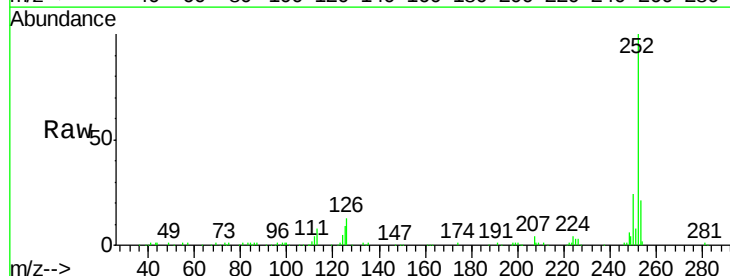
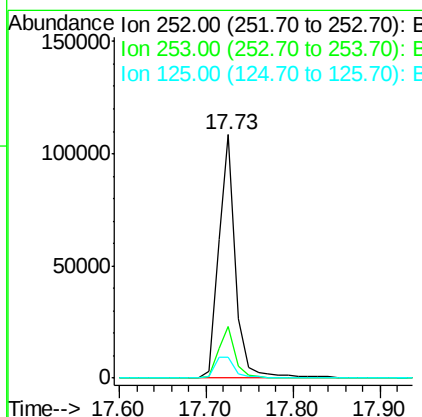
Manual Integrations  
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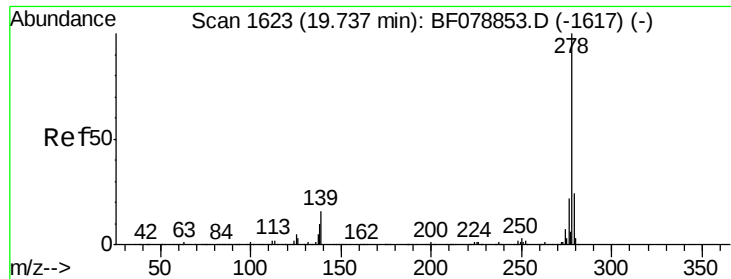
apatel  
5/27/2015 8:15:27 AM



#89  
Benzo(a)pyrene  
Concen: 12.64 ng  
RT: 17.73 min Scan# 1447  
Delta R.T. -0.05 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 18.0  | 27.0  |
| 125     | 8.7   | 8.2   | 12.2  |





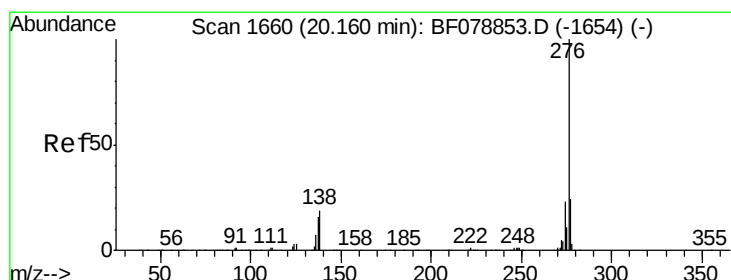
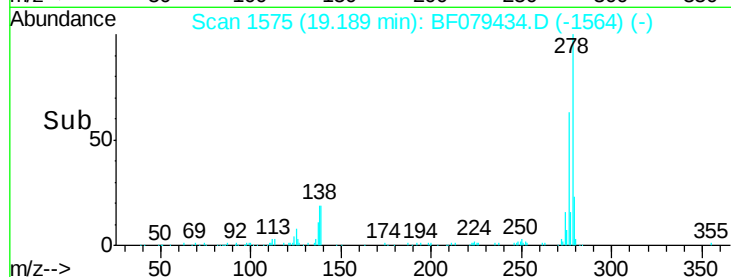
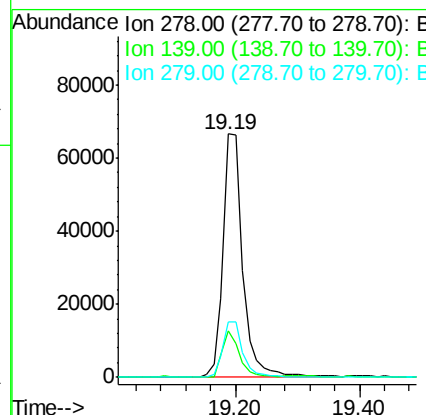
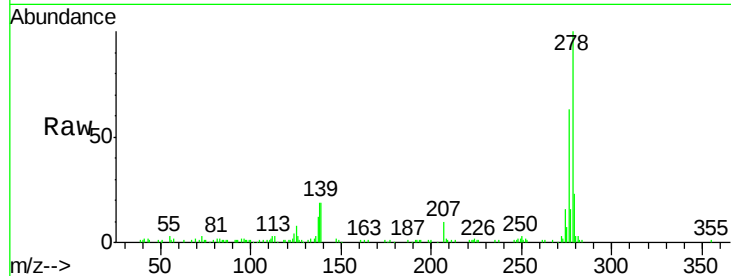
#90  
Dibenzo(a,h)anthracene  
Concen: 11.88 ng  
RT: 19.19 min Scan# 1575  
Delta R.T. -0.08 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
KY024MW068-150512MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 146612 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 18.8  | 13.1  | 19.7   |
| 279       | 23.0  | 19.1  | 28.7   |

Manual Integrations  
APPROVED

apatel  
5/27/2015 8:15:27 AM



#91  
Benzo(g,h,i)perylene  
Concen: 12.28 ng  
RT: 19.57 min Scan# 1608  
Delta R.T. -0.08 min  
Lab File: BF079434.D  
Acq: 22 May 2015 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 151955 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.5  | 18.8  | 28.2   |
| 138       | 21.5  | 15.2  | 22.8   |

