

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072115\  
 Data File : BM002001.D  
 Acq On : 22 Jul 2015 00:22  
 Operator : TP/UM  
 Sample : SSTD08064  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08064

Manual Integrations  
 APPROVED

apatel  
 7/22/2015 2:34:31 PM

Quant Time: Jul 22 03:19:51 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072115.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 22 00:57:39 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 76643    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 332363   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.29 | 164  | 206433   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.03 | 188  | 457848   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.23 | 240  | 576015   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.44 | 264  | 363989   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 63008   | 39.64  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.80  | 99  | 510120  | 81.47  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 260217  | 75.01  | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.16  | 132 | 429281  | 87.02  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 432365  | 85.93  | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 209242  | 86.85  | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 244240  | 91.49  | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 475753  | 87.47  | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 446533  | 79.13  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.70 | 166 | 1322672 | 80.62  | ng/ul | 0.01 |
| 46) Acenaphthylene-d8          | 13.98 | 160 | 1643714 | 82.60  | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 280822  | 101.97 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.29 | 176 | 1439905 | 100.36 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 336582  | 117.15 | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.14 | 188 | 1762210 | 83.49  | ng/ul | 0.01 |
| 78) Pyrene-d10                 | 19.44 | 212 | 1889462 | 74.74  | ng/ul | 0.01 |
| 89) Benzo(a)pyrene-d12         | 23.30 | 264 | 1564159 | 85.16  | ng/ul | 0.01 |

## Target Compounds

|                                |       |     |         |       |       | Qvalue |
|--------------------------------|-------|-----|---------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.12  | 88  | 65438   | 38.55 | ng/uL | 95     |
| 4) Benzaldehyde                | 6.77  | 77  | 214613  | 71.45 | ng/ul | 94     |
| 6) Phenol                      | 6.83  | 94  | 524309  | 81.37 | ng/ul | 99     |
| 8) Bis(2-Chloroethyl)ether     | 7.06  | 93  | 381109  | 80.62 | ng/ul | 99     |
| 10) 2-Chlorophenol             | 7.19  | 128 | 435031  | 86.53 | ng/ul | 98     |
| 11) 2-Methylphenol             | 8.07  | 108 | 412475  | 84.93 | ng/ul | 98     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.16  | 45  | 369853  | 69.22 | ng/ul | 100    |
| 14) Acetophenone               | 8.45  | 105 | 668412  | 83.96 | ng/ul | 99     |
| 15) N-Nitroso-di-n-propylamine | 8.45  | 70  | 324397  | 80.75 | ng/ul | 98     |
| 16) 4-Methylphenol             | 8.42  | 108 | 451415  | 85.04 | ng/ul | 95     |
| 17) Hexachloroethane           | 8.69  | 117 | 164459  | 82.53 | ng/ul | 95     |
| 20) Nitrobenzene               | 8.83  | 77  | 473441  | 78.68 | ng/ul | 98     |
| 21) Isophorone                 | 9.36  | 82  | 876273  | 80.41 | ng/ul | 99     |
| 23) 2-Nitrophenol              | 9.54  | 139 | 262161  | 90.14 | ng/ul | 98     |
| 24) 2,4-Dimethylphenol         | 9.60  | 107 | 508665  | 81.62 | ng/ul | 100    |
| 25) Bis(2-Chloroethoxy)methane | 9.84  | 93  | 530545  | 77.10 | ng/ul | 100    |
| 27) 2,4-Dichlorophenol         | 10.07 | 162 | 457859  | 86.06 | ng/ul | 98     |
| 28) Naphthalene                | 10.46 | 128 | 1369295 | 82.68 | ng/ul | 99     |
| 30) 4-Chloroaniline            | 10.58 | 127 | 467816  | 80.03 | ng/ul | 99     |
| 31) Hexachlorobutadiene        | 10.74 | 225 | 320009  | 82.78 | ng/ul | 98     |
| 32) Caprolactam                | 11.39 | 113 | 199590m | 82.73 | ng/ul |        |
| 33) 4-Chloro-3-methylphenol    | 11.73 | 107 | 471623  | 81.76 | ng/ul | 97     |
| 34) 2-Methylnaphthalene        | 12.09 | 142 | 1027989 | 83.21 | ng/ul | 100    |

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 Operator : TP/UM  
 Sample : SSTD08064  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08064

Manual Integrations  
 APPROVED

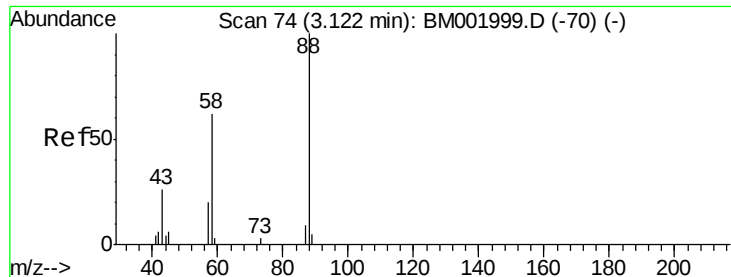
apatel  
 7/22/2015 2:34:31 PM

Quant Time: Jul 22 03:19:51 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072115.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 22 00:57:39 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216  | 618455   | 79.42  | ng/ul  | 99       |
| 37) Hexachlorocyclopentadiene  | 12.43 | 237  | 372624   | 85.88  | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.71 | 196  | 392204   | 84.31  | ng/ul  | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.79 | 196  | 427631   | 86.28  | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.12 | 154  | 1367453  | 82.01  | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.16 | 162  | 1074424  | 82.82  | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.37 | 65   | 275025   | 78.69  | ng/ul  | 97       |
| 44) Dimethylphthalate          | 13.75 | 163  | 1340212  | 79.74  | ng/ul  | 100      |
| 45) 2,6-Dinitrotoluene         | 13.88 | 165  | 291248   | 86.10  | ng/ul  | 98       |
| 47) Acenaphthylene             | 14.01 | 152  | 1678103  | 82.53  | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.21 | 138  | 243328   | 79.76  | ng/ul  | 95       |
| 49) Acenaphthene               | 14.35 | 153  | 1102023  | 79.90  | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.42 | 184  | 189295   | 93.59  | ng/ul  | 92       |
| 52) 4-Nitrophenol              | 14.53 | 109  | 235891   | 93.67  | ng/ul  | 99       |
| 53) Dibenzofuran               | 14.69 | 168  | 1980863  | 101.15 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 14.67 | 165  | 529992   | 107.38 | ng/ul  | 97       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 464169   | 105.69 | ng/ul  | 97       |
| 56) Diethylphthalate           | 15.12 | 149  | 1685145  | 101.41 | ng/ul  | 99       |
| 58) Fluorene                   | 15.34 | 166  | 1718704  | 103.96 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.33 | 204  | 921416   | 102.62 | ng/ul  | 96       |
| 60) 4-Nitroaniline             | 15.39 | 138  | 364999   | 114.13 | ng/ul  | 91       |
| 63) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 352841   | 115.21 | ng/ul# | 98       |
| 64) N-Nitrosodiphenylamine     | 15.56 | 169  | 1456971  | 106.68 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.23 | 248  | 438532   | 84.77  | ng/ul  | 98       |
| 66) Hexachlorobenzene          | 16.34 | 284  | 482744   | 84.39  | ng/ul  | 99       |
| 67) Atrazine                   | 16.51 | 200  | 416958   | 80.02  | ng/ul  | 100      |
| 68) Pentachlorophenol          | 16.69 | 266  | 300885   | 87.72  | ng/ul  | 98       |
| 69) Phenanthrene               | 17.08 | 178  | 2023310  | 82.16  | ng/ul  | 99       |
| 71) Anthracene                 | 17.17 | 178  | 2093626  | 81.23  | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216  | 638471   | 90.54  | ng/uL  | 100      |
| 73) Pentachlorobenzene         | 14.60 | 250  | 709435   | 102.85 | ng/uL  | 99       |
| 74) Carbazole                  | 17.44 | 167  | 1823198  | 84.39  | ng/ul  | 100      |
| 75) Di-n-butylphthalate        | 18.00 | 149  | 2207500  | 88.97  | ng/ul  | 100      |
| 76) Fluoranthene               | 19.10 | 202  | 2364707  | 85.89  | ng/ul  | 99       |
| 79) Pyrene                     | 19.47 | 202  | 2453199  | 74.00  | ng/ul  | 99       |
| 80) Butylbenzylphthalate       | 20.37 | 149  | 1221118  | 95.41  | ng/ul  | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.15 | 252  | 844277   | 77.78  | ng/ul  | 100      |
| 82) Benzo(a)anthracene         | 21.22 | 228  | 2826970  | 82.28  | ng/ul  | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 1766510  | 92.36  | ng/ul  | 99       |
| 84) Chrysene                   | 21.27 | 228  | 2554372  | 77.21  | ng/ul  | 99       |
| 86) Di-n-octyl phthalate       | 22.01 | 149  | 2816633  | 117.04 | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 22.78 | 252  | 1909949  | 78.05  | ng/ul  | 99       |
| 88) Benzo(k)fluoranthene       | 22.82 | 252  | 1869552  | 81.29  | ng/ul  | 99       |
| 90) Benzo(a)pyrene             | 23.35 | 252  | 1769579  | 84.38  | ng/ul  | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.68 | 276  | 1881810  | 83.62  | ng/ul  | 98       |
| 92) Dibenzo(a,h)anthracene     | 25.69 | 278  | 1610264  | 84.48  | ng/ul  | 98       |
| 93) Benzo(g,h,i)perylene       | 26.36 | 276  | 1545184  | 83.02  | ng/ul  | 98       |

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





#2

1,4-Dioxane

Concen: 38.55 ng/uL

RT: 3.12 min Scan# 74

Delta R.T. 0.00 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

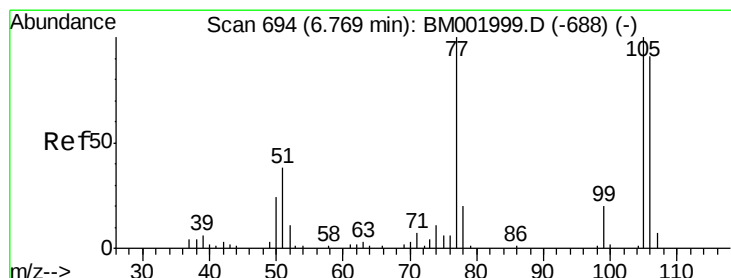
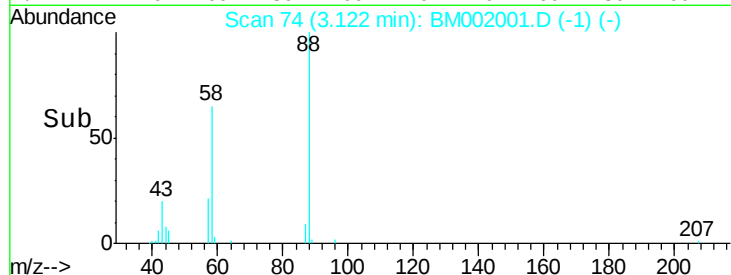
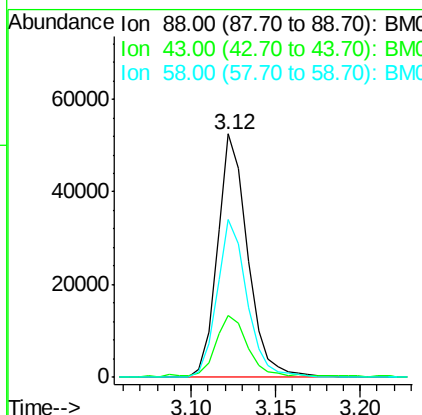
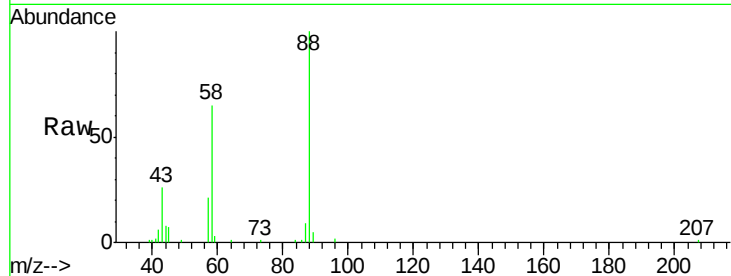
ClientSampleId :

SSTD08064

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 65438 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 24.8  | 22.5  | 33.7  |
| 58       | 64.4  | 48.5  | 72.7  |

Manual Integrations  
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#4

Benzaldehyde

Concen: 71.45 ng/uL

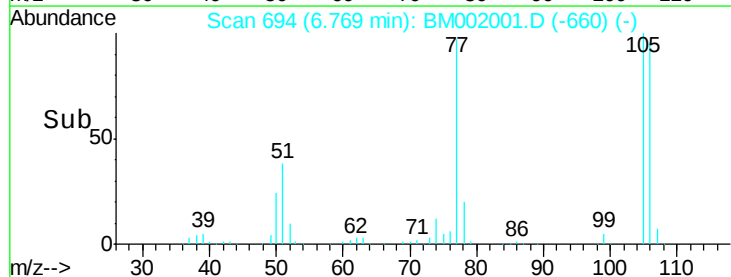
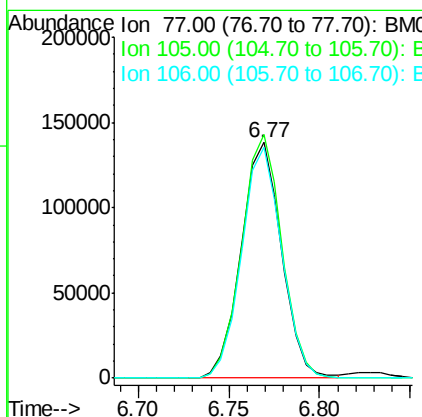
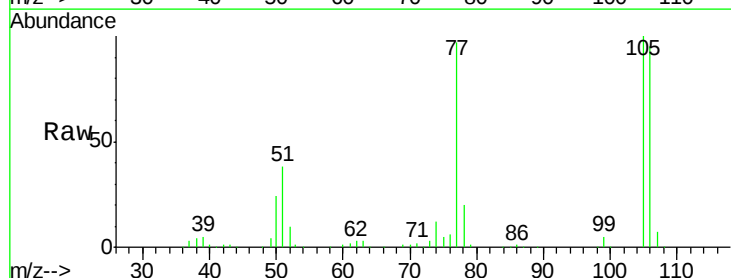
RT: 6.77 min Scan# 694

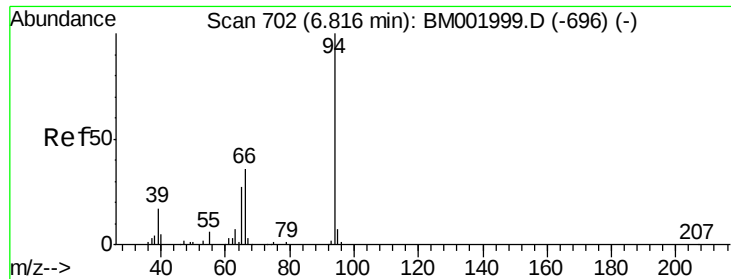
Delta R.T. 0.00 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 214613 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 103.3 | 79.6  | 119.4  |
| 106      | 98.0  | 72.5  | 108.7  |





#6

Phenol

Concen: 81.37 ng/ul

RT: 6.83 min Scan# 704

Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

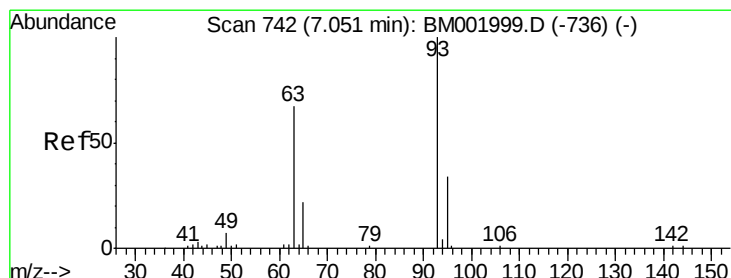
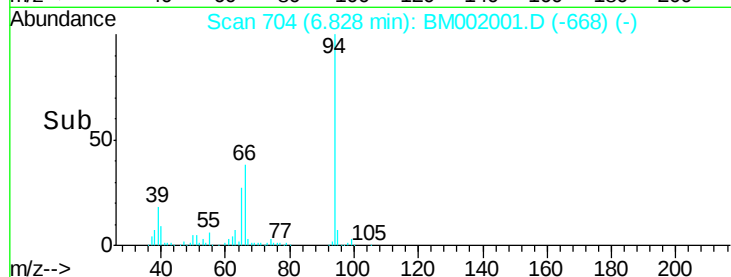
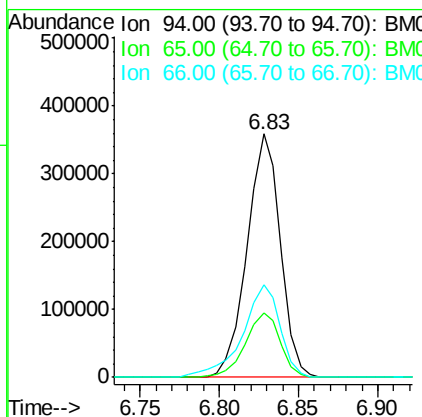
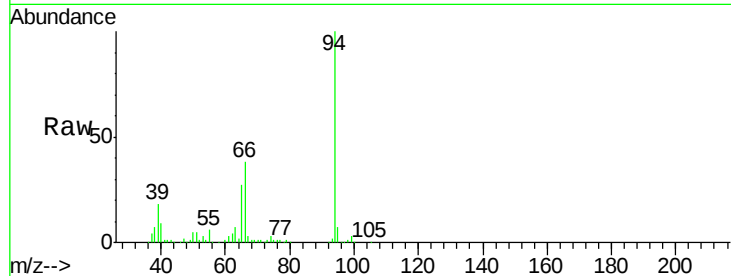
ClientSampleId :

SSTD08064

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 524309 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 26.6  | 21.8  | 32.6   |
| 66       | 38.1  | 30.6  | 46.0   |

Manual Integrations  
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#8

Bis(2-Chloroethyl)ether

Concen: 80.62 ng/ul

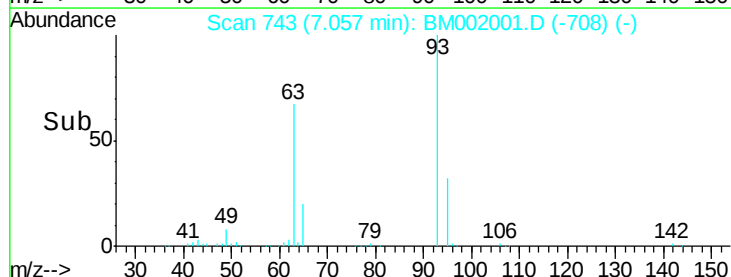
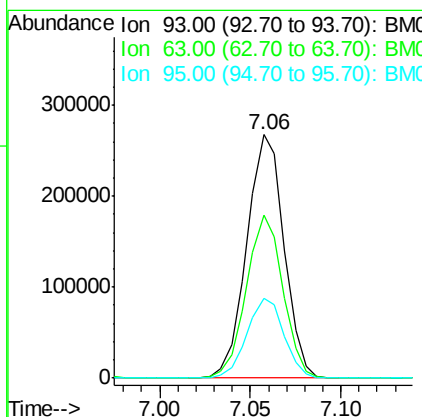
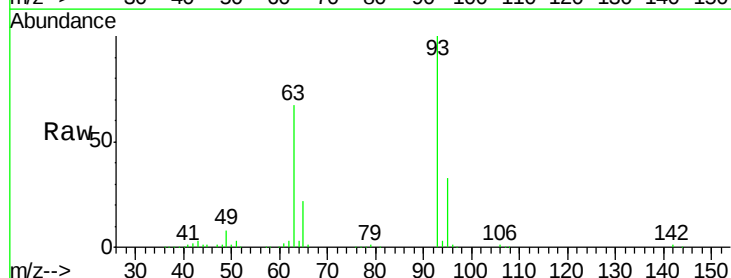
RT: 7.06 min Scan# 743

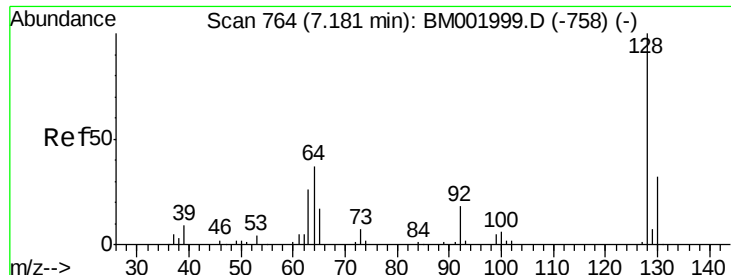
Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 381109 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 67.0  | 53.8  | 80.8   |
| 95       | 32.7  | 26.9  | 40.3   |





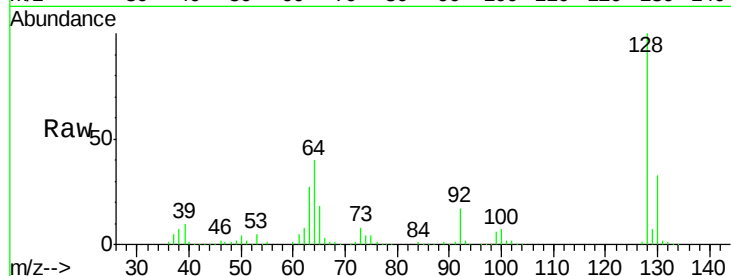
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2-Chlorophenol  
Concen: 86.53 ng/ul  
RT: 7.19 min Scan# 765  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

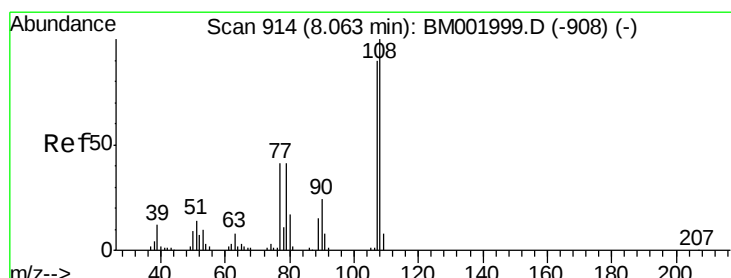
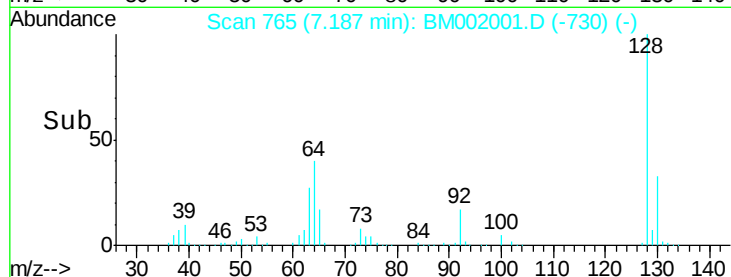
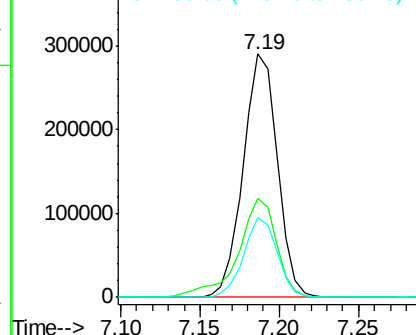
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 64      | 40.4  | 33.2       | 49.8       |
| 130     | 32.6  | 25.4       | 38.2       |

Manual Integrations  
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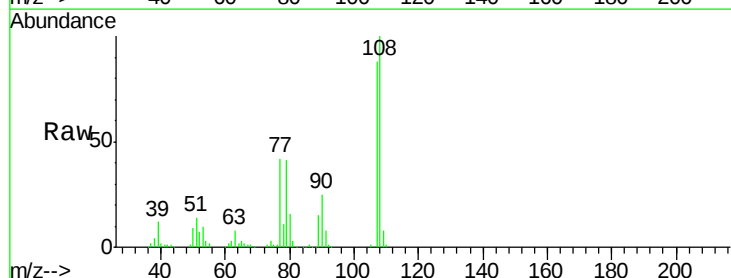


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 130.00 (129.70 to 130.70): E

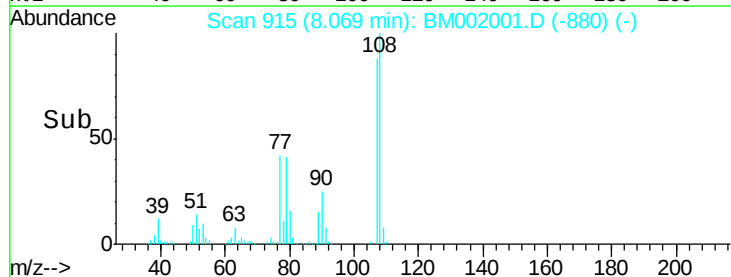
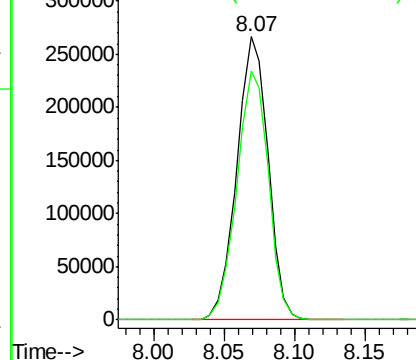


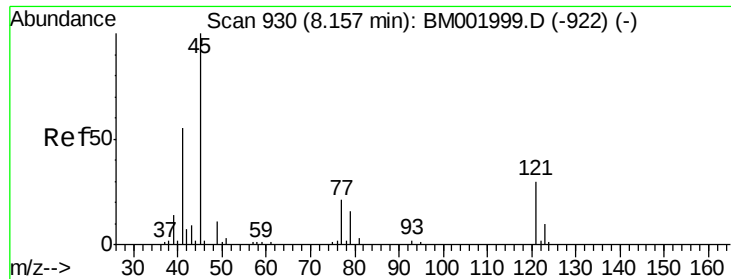
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2-Methylphenol  
Concen: 84.93 ng/ul  
RT: 8.07 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 108     | 100   |            |            |
| 107     | 88.1  | 72.3       | 108.5      |



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E





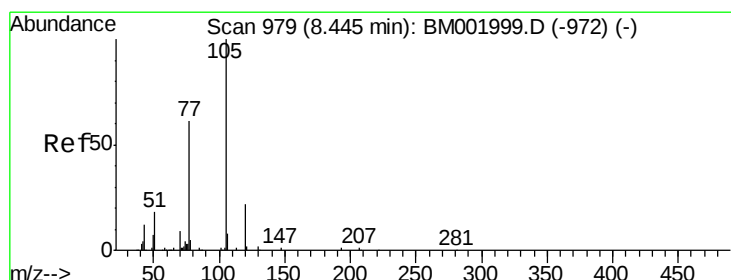
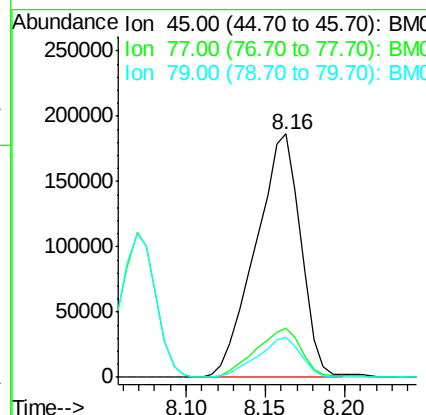
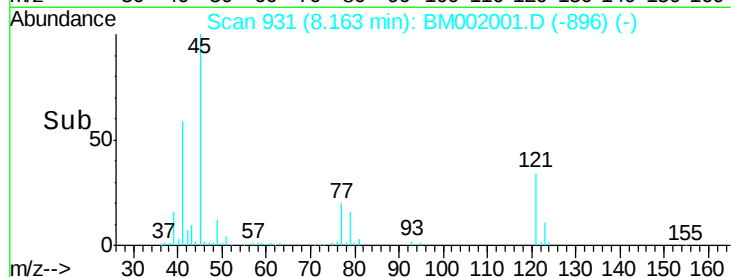
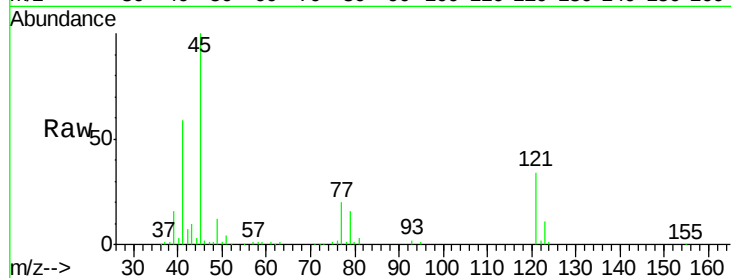
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2,2'-oxybis(1-chloropropane)  
Concen: 69.22 ng/ul  
RT: 8.16 min Scan# 931  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampled :  
SSTD08064

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 20.4  | 16.5  | 24.7  |
| 79      | 16.3  | 13.0  | 19.4  |

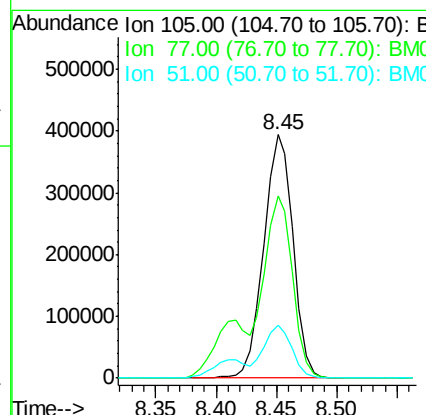
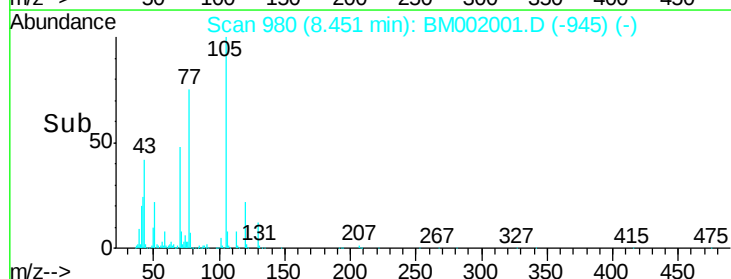
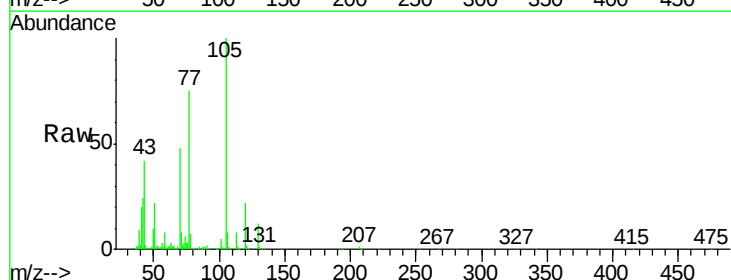
Manual Integrations  
APPROVED

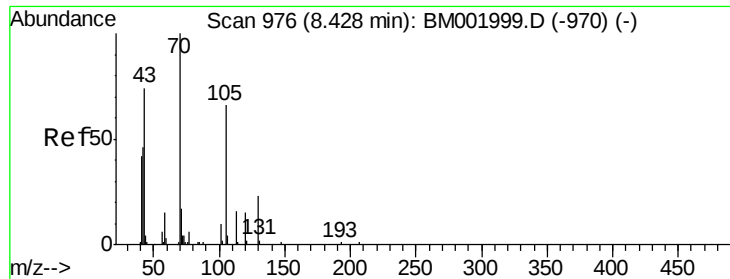
apatel  
7/22/2015 2:34:31 PM



#14  
Acetophenone  
Concen: 83.96 ng/ul  
RT: 8.45 min Scan# 980  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 74.8  | 59.6  | 89.4  |
| 51      | 21.5  | 17.6  | 26.4  |





#15

N-Nitroso-di-n-propylamine

Concen: 80.75 ng/ul

RT: 8.45 min Scan# 980

Delta R.T. 0.02 min

Lab File: BM002001.D

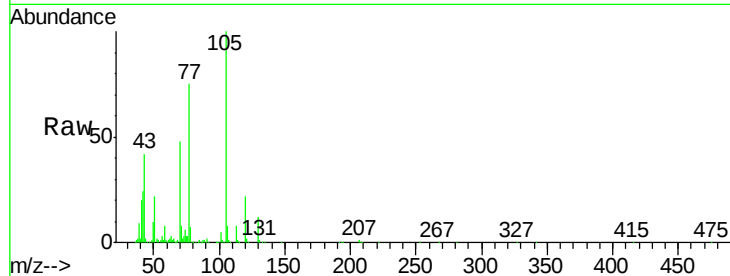
Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

ClientSampled :

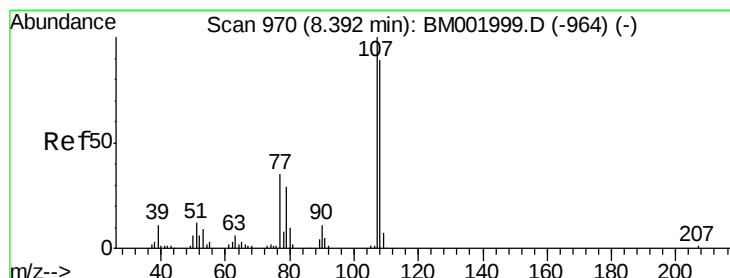
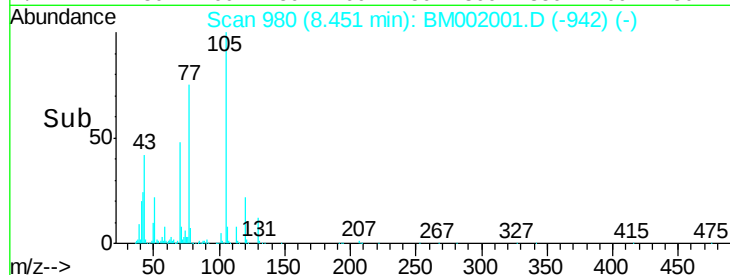
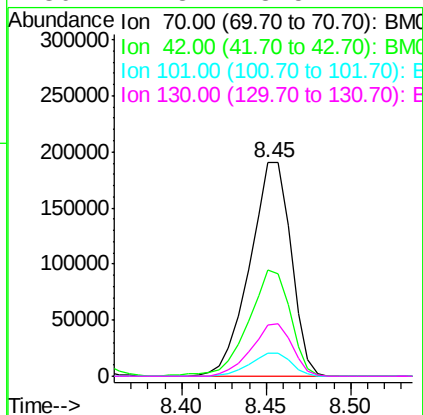
SSTD08064



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 49.6  | 38.2  | 57.2  |
| 101     | 10.5  | 8.1   | 12.1  |
| 130     | 24.3  | 18.5  | 27.7  |

Manual Integrations  
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#16

4-Methylphenol

Concen: 85.04 ng/ul

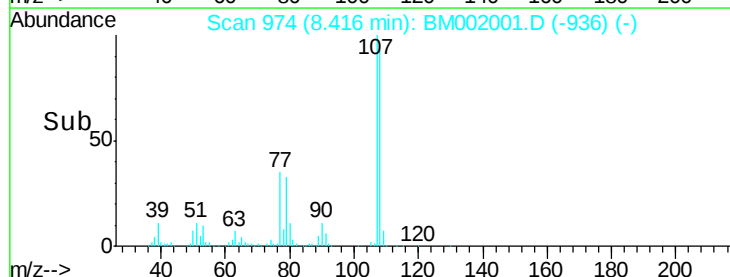
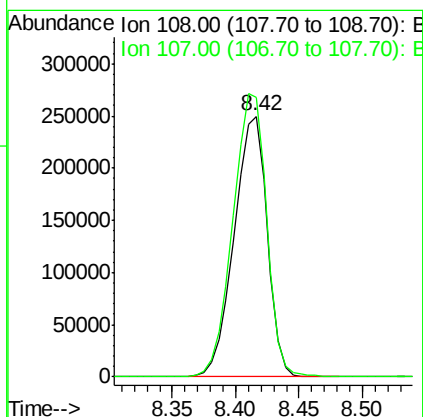
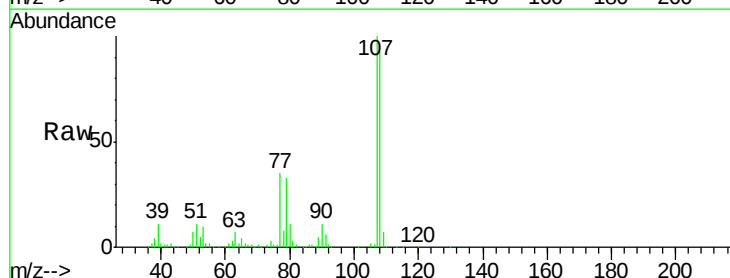
RT: 8.42 min Scan# 974

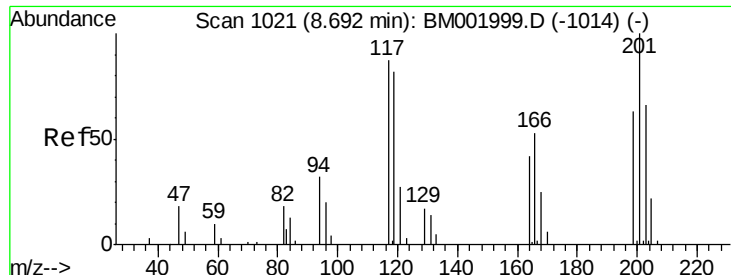
Delta R.T. 0.02 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 107.5 | 90.0  | 135.0 |





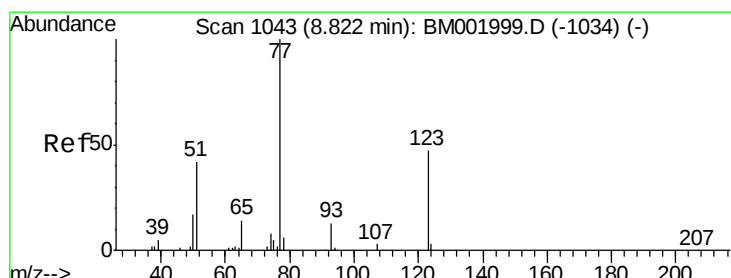
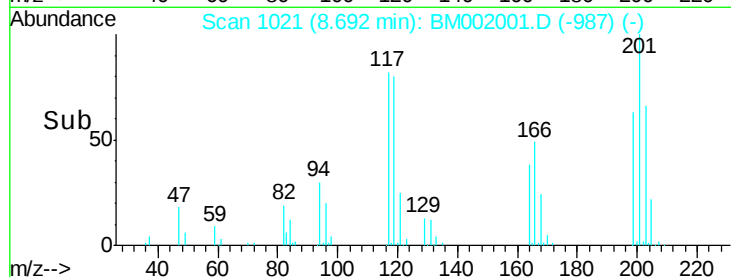
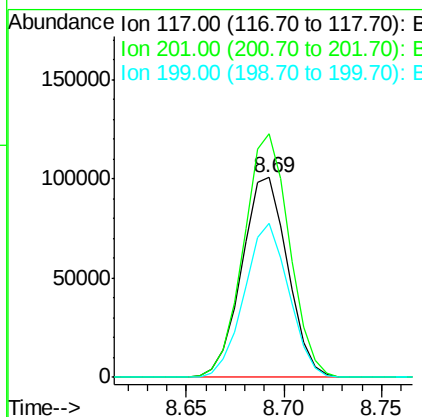
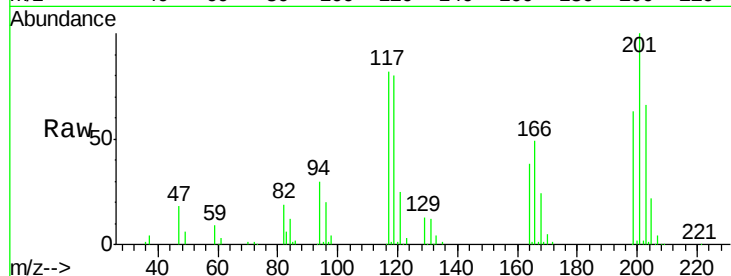
#17  
Hexachloroethane  
Concen: 82.53 ng/ul  
RT: 8.69 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 164459 |       |       |
| 201     | 121.9 | 92.4   | 138.6 |       |
| 199     | 76.9  | 59.6   | 89.4  |       |

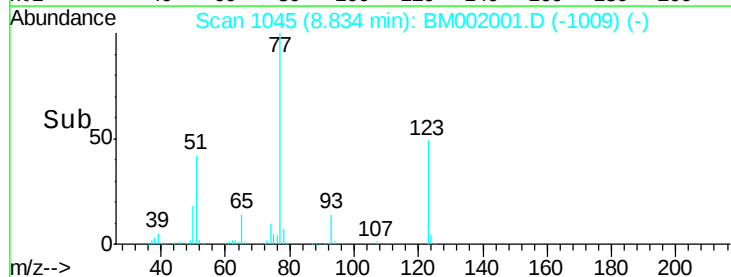
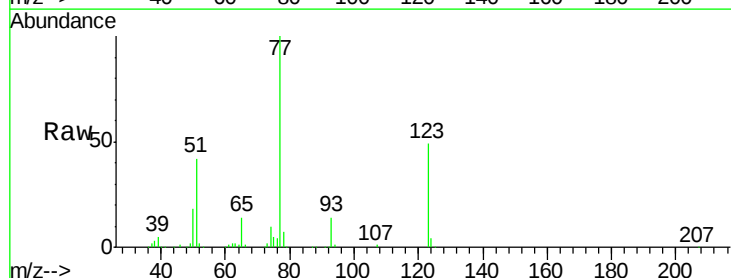
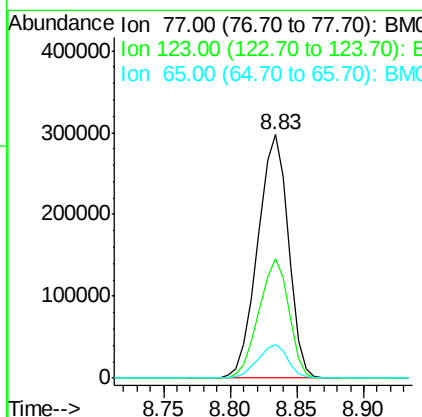
Manual Integrations  
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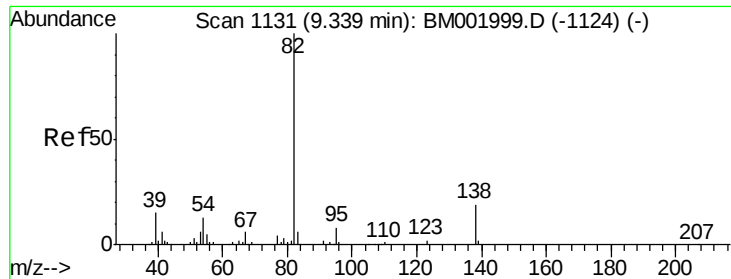
apatel  
7/22/2015 2:34:31 PM



#20  
Nitrobenzene  
Concen: 78.68 ng/ul  
RT: 8.83 min Scan# 1045  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 473441 |       |       |
| 123     | 48.8  | 37.4   | 56.2  |       |
| 65      | 13.6  | 11.0   | 16.4  |       |





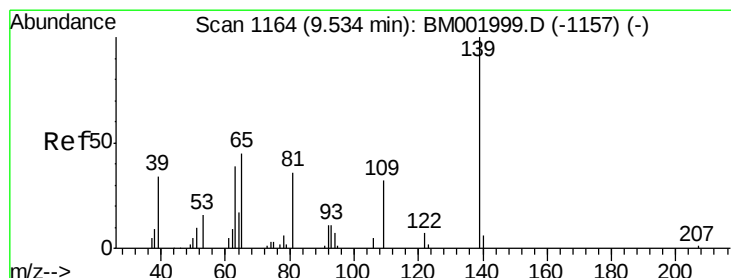
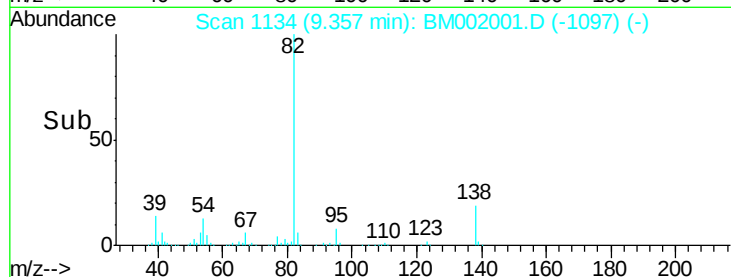
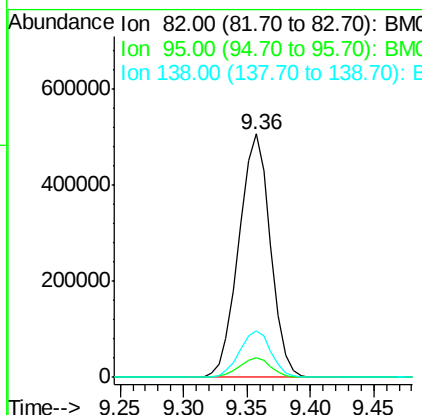
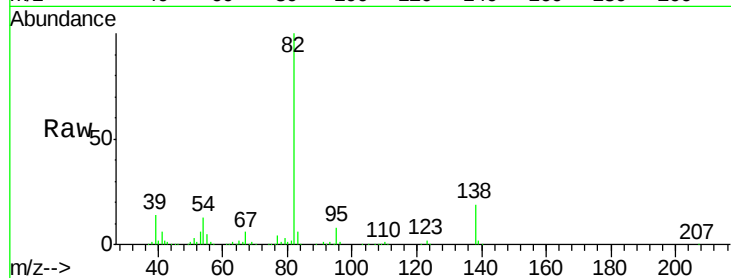
#21  
Isophorone  
Concen: 80.41 ng/ul  
RT: 9.36 min Scan# 1134  
Delta R.T. 0.02 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 82      | 100   |            |            |
| 95      | 8.0   | 6.3        | 9.5        |
| 138     | 19.3  | 15.1       | 22.7       |

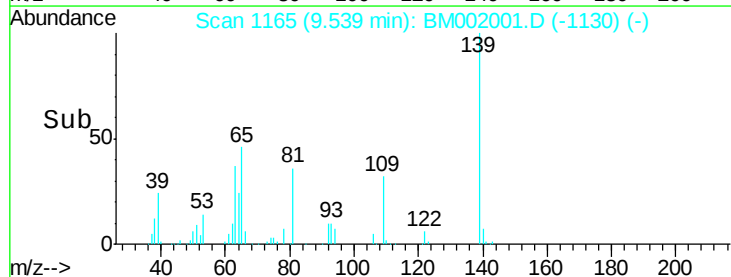
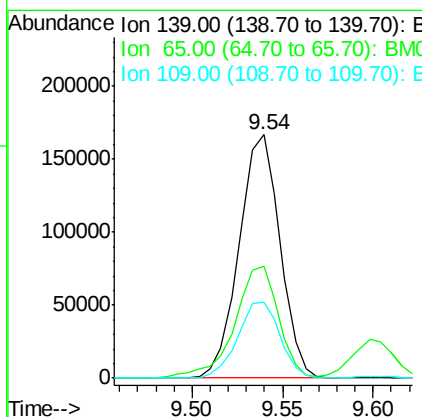
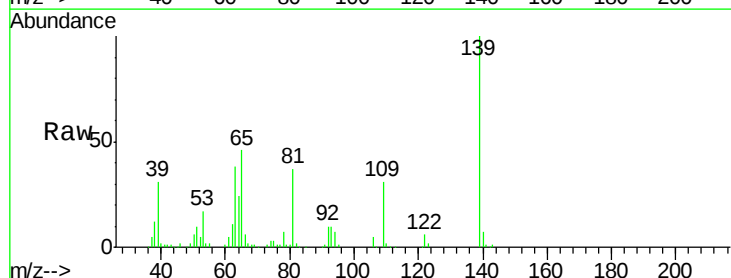
Manual Integrations  
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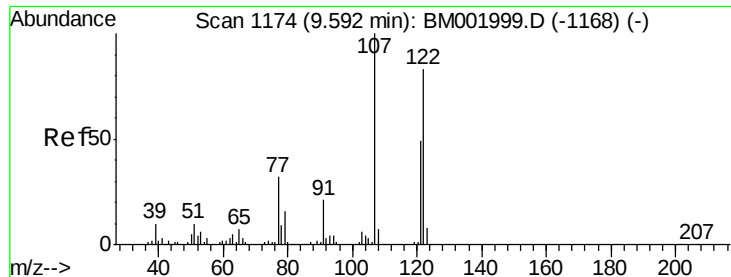
apatel  
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#23  
2-Nitrophenol  
Concen: 90.14 ng/ul  
RT: 9.54 min Scan# 1165  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 139     | 100   |            |            |
| 65      | 46.0  | 37.7       | 56.5       |
| 109     | 31.4  | 25.8       | 38.8       |





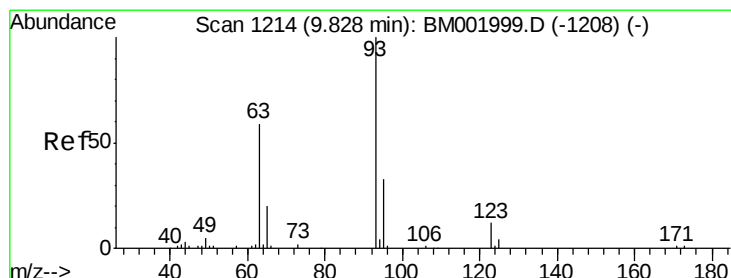
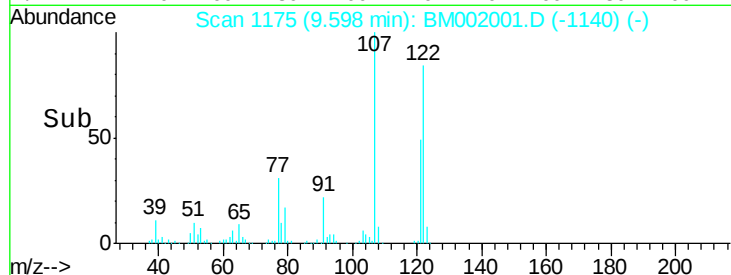
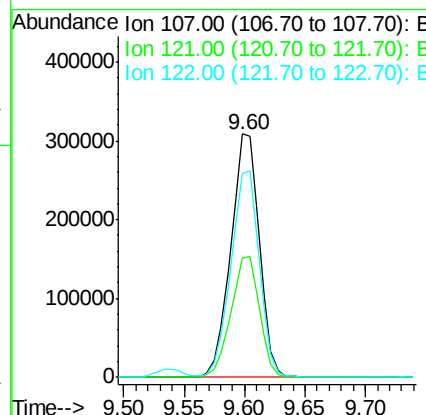
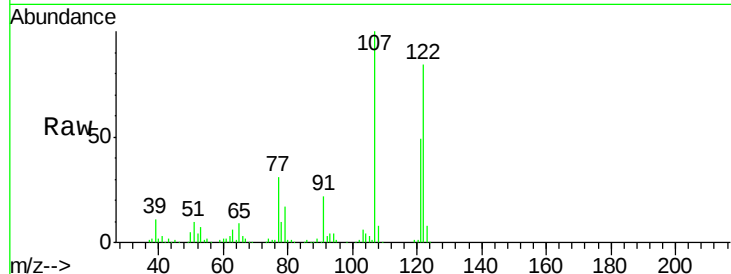
#24  
 2,4-Dimethylphenol  
 Concen: 81.62 ng/ul  
 RT: 9.60 min Scan# 1175  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST08064

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 121     | 48.9  | 39.0       | 58.4       |
| 122     | 83.7  | 66.6       | 99.8       |

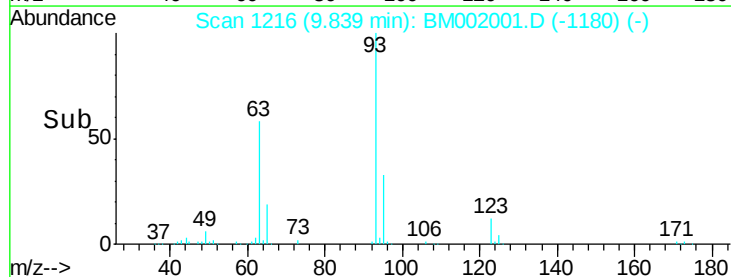
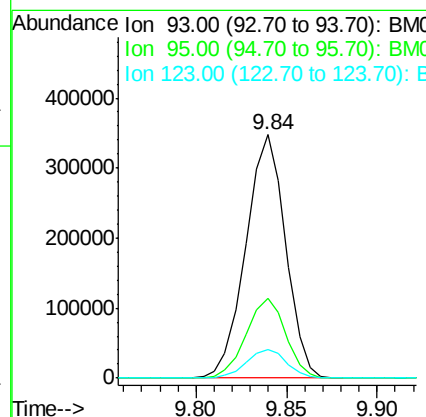
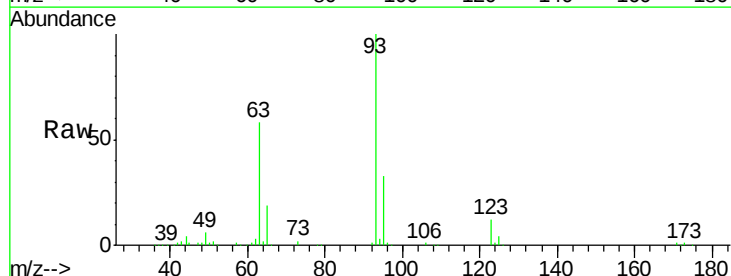
Manual Integrations  
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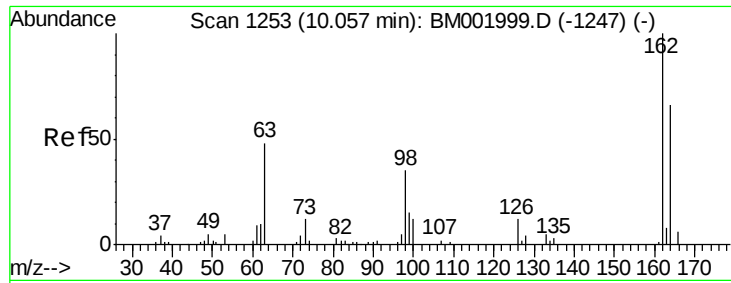
apatel  
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#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 77.10 ng/ul  
 RT: 9.84 min Scan# 1216  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 95      | 32.8  | 26.3       | 39.5       |
| 123     | 11.9  | 9.4        | 14.0       |





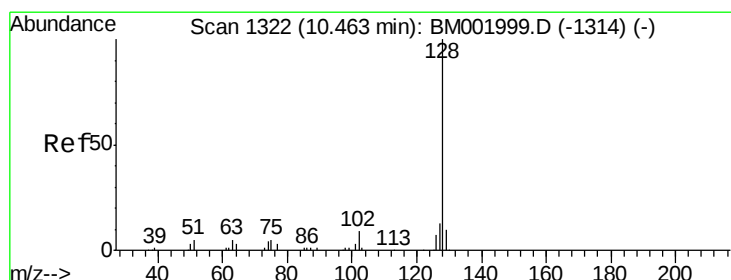
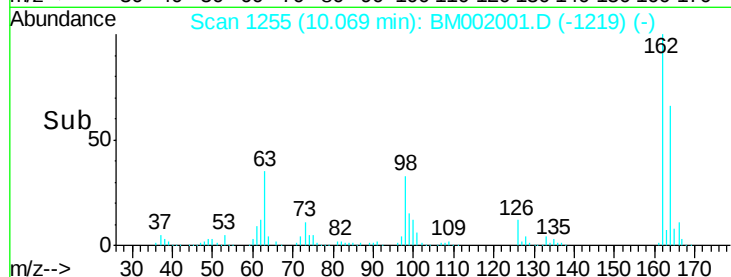
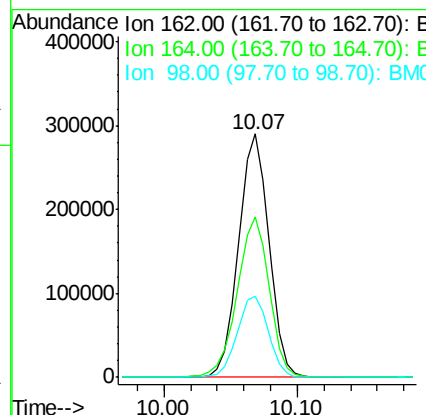
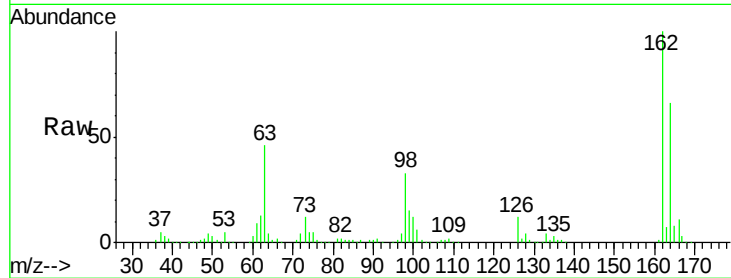
#27  
 2,4-Dichlorophenol  
 Concen: 86.06 ng/ul  
 RT: 10.07 min Scan# 1255  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08064

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 457859 |       |       |
| 164     | 65.9  | 53.1   | 79.7  |       |
| 98      | 33.4  | 28.2   | 42.4  |       |

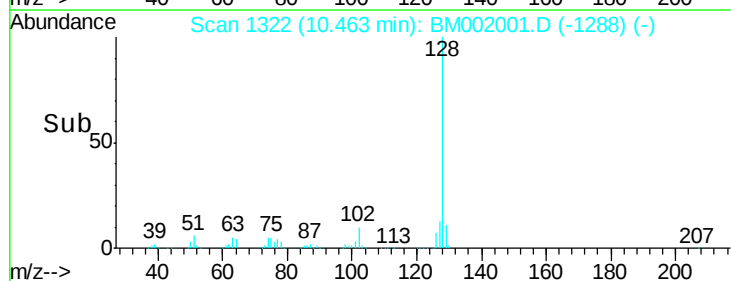
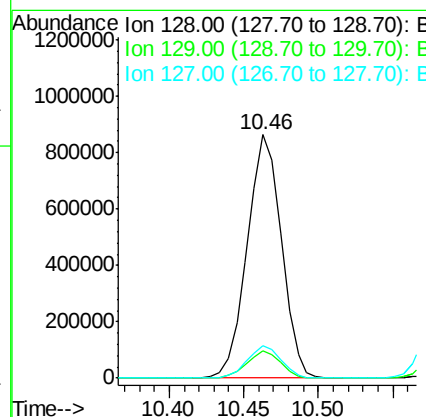
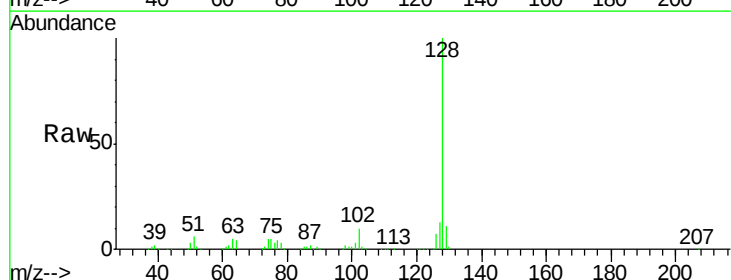
Manual Integrations  
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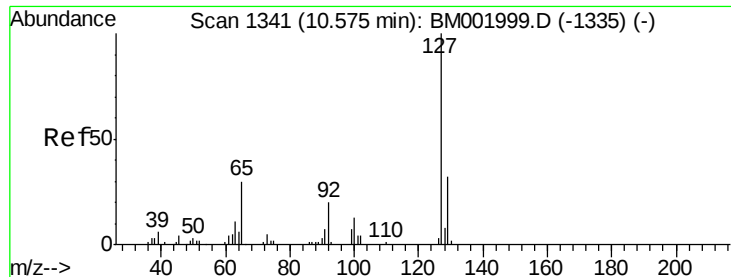
apatel  
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#28  
 Naphthalene  
 Concen: 82.68 ng/ul  
 RT: 10.46 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 128     | 100   | 1369295 |       |       |
| 129     | 11.1  | 8.4     | 12.6  |       |
| 127     | 13.1  | 10.3    | 15.5  |       |





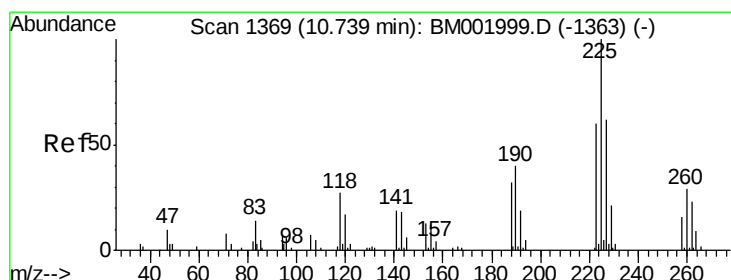
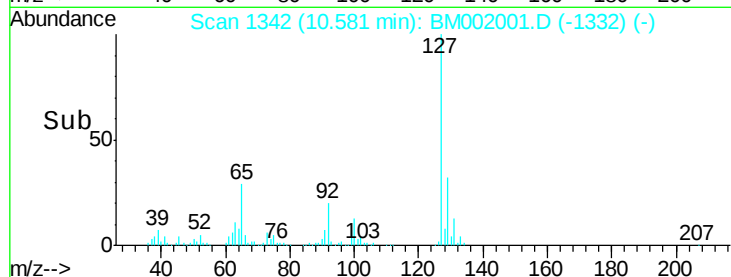
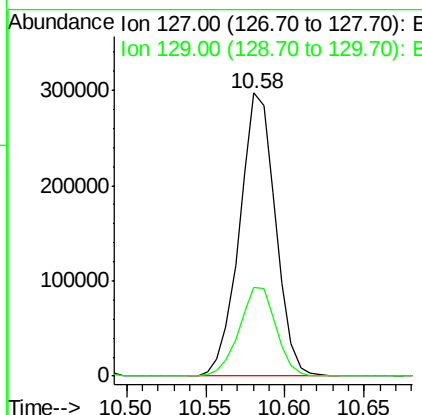
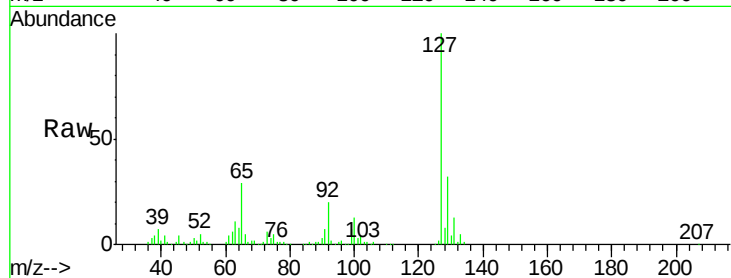
#30  
4-Chloroaniline  
Concen: 80.03 ng/ul  
RT: 10.58 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

Tgt Ion:127 Resp: 467816  
Ion Ratio Lower Upper  
127 100  
129 31.6 25.6 38.4

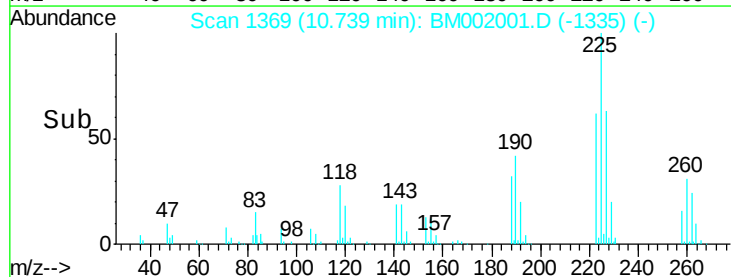
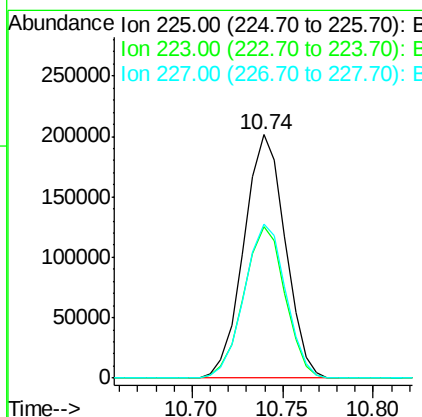
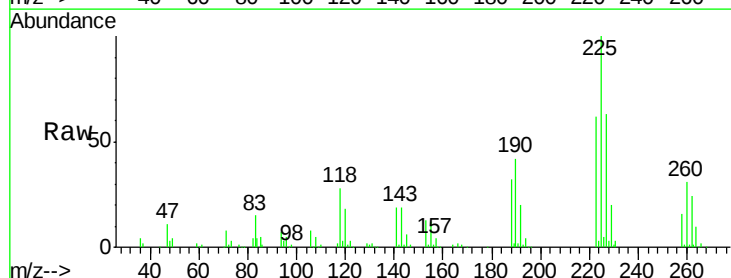
Manual Integrations  
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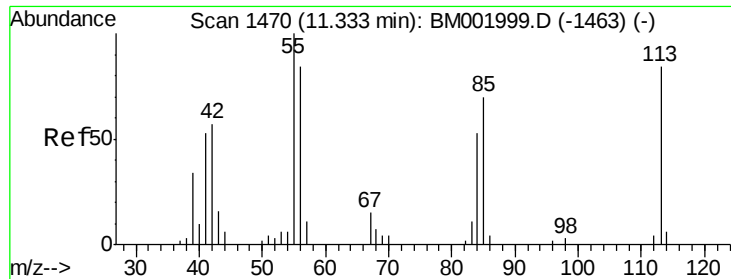
apatel  
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#31  
Hexachlorobutadiene  
Concen: 82.78 ng/ul  
RT: 10.74 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Tgt Ion:225 Resp: 320009  
Ion Ratio Lower Upper  
225 100  
223 62.2 48.0 72.0  
227 63.3 49.9 74.9





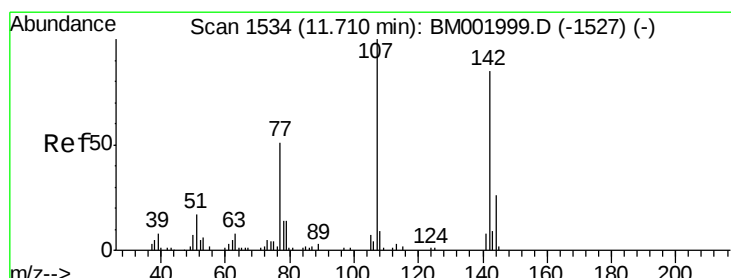
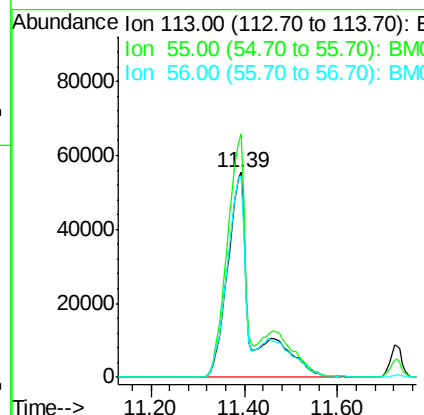
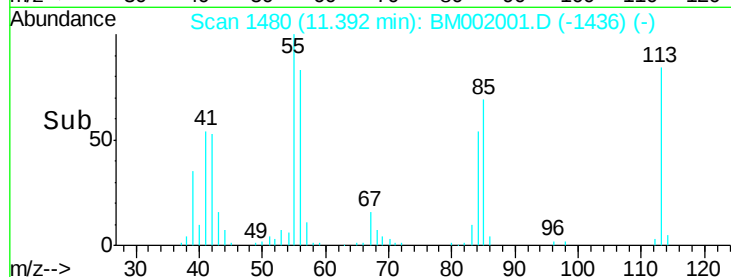
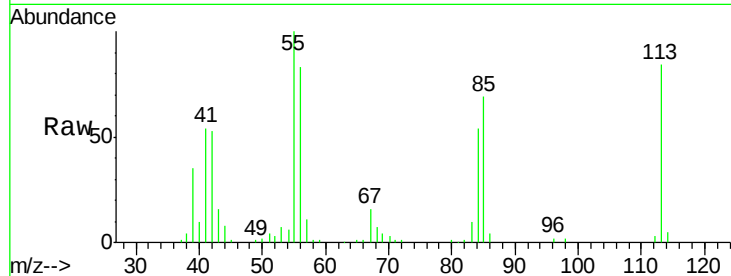
#32  
 Caprolactam  
 Concen: 82.73 ng/ul m  
 RT: 11.39 min Scan# 1480  
 Delta R.T. 0.06 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST08064

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 199590 |       |       |
| 55      | 118.8 | 97.8   | 146.6 |       |
| 56      | 98.6  | 81.8   | 122.6 |       |

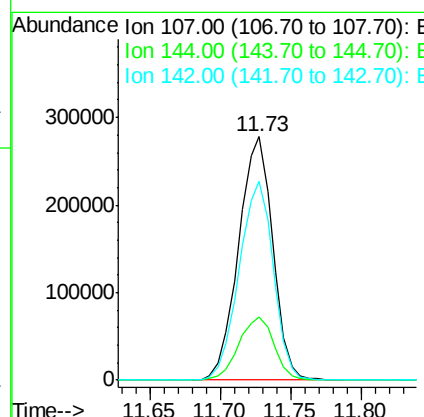
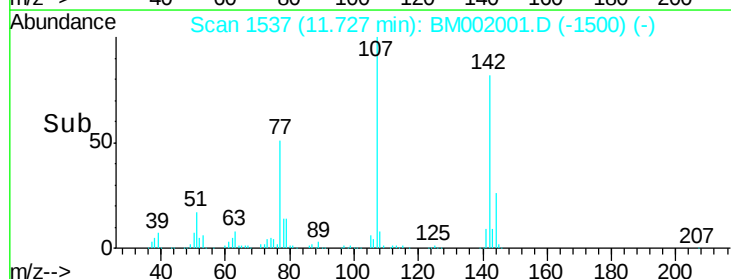
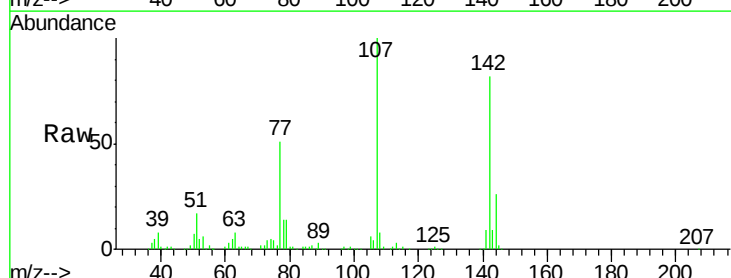
Manual Integrations  
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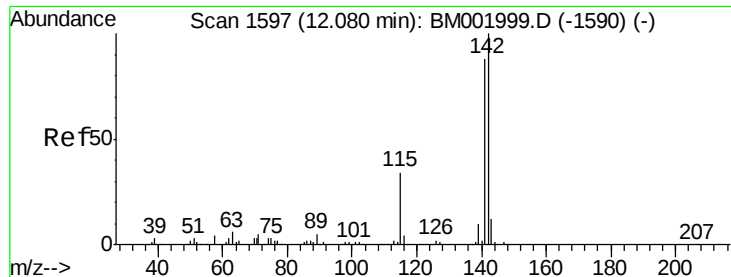
apatel  
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#33  
 4-Chloro-3-methylphenol  
 Concen: 81.76 ng/ul  
 RT: 11.73 min Scan# 1537  
 Delta R.T. 0.02 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 471623 |       |       |
| 144     | 25.9  | 20.6   | 30.8  |       |
| 142     | 81.9  | 68.3   | 102.5 |       |





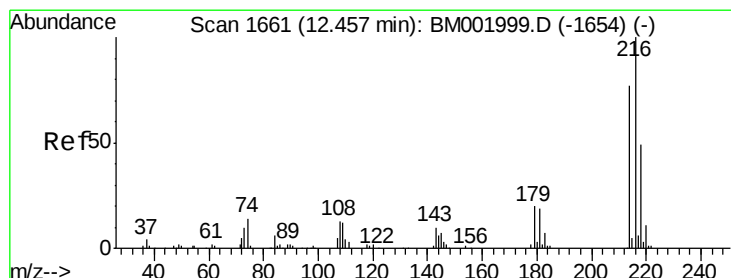
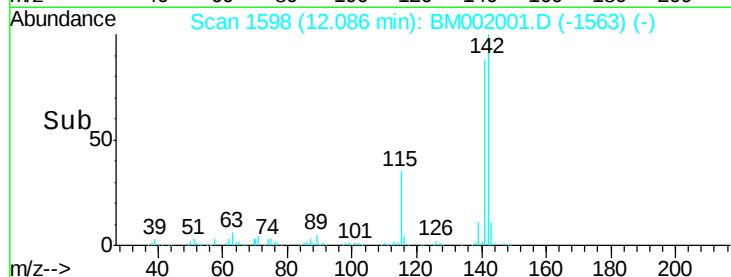
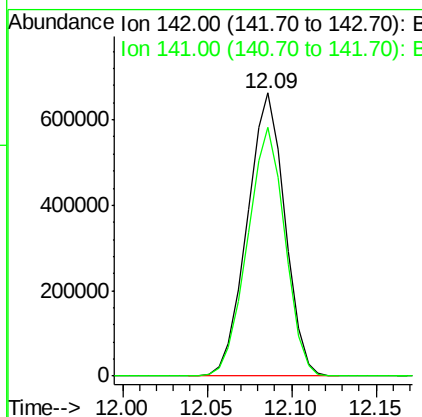
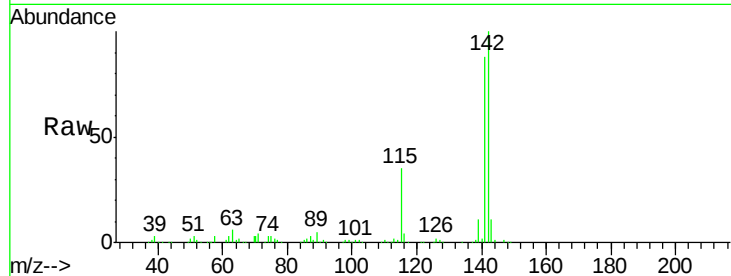
#34  
 2-Methylnaphthalene  
 Concen: 83.21 ng/ul  
 RT: 12.09 min Scan# 1598  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST08064

Tgt Ion:142 Resp: 1027989  
 Ion Ratio Lower Upper  
 142 100  
 141 87.7 70.0 105.0

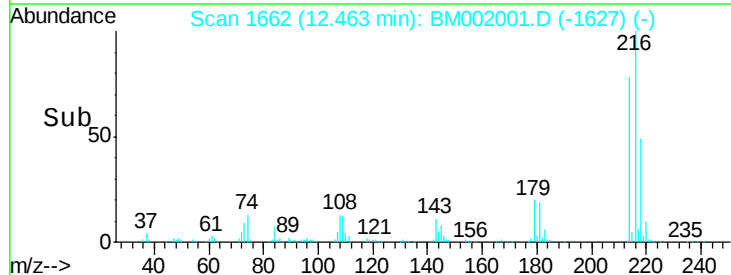
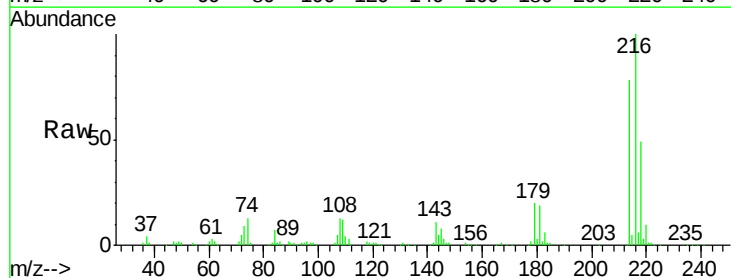
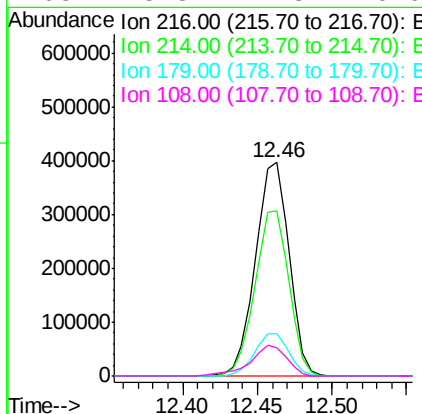
Manual Integrations  
 APPROVED

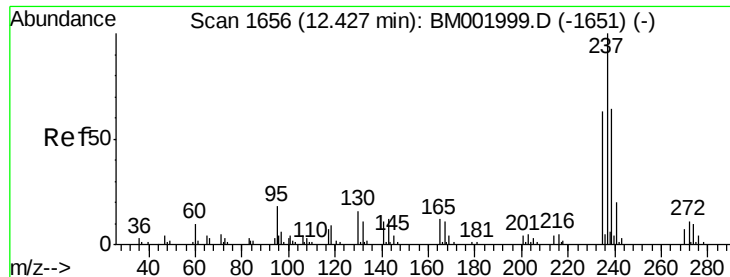
apatel  
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#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 79.42 ng/ul  
 RT: 12.46 min Scan# 1662  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Tgt Ion:216 Resp: 618455  
 Ion Ratio Lower Upper  
 216 100  
 214 77.6 61.8 92.6  
 179 20.0 16.0 24.0  
 108 13.3 11.3 16.9





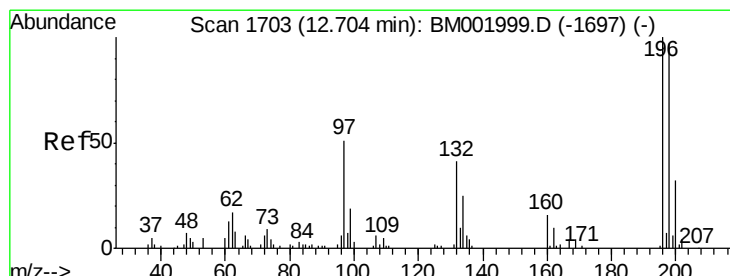
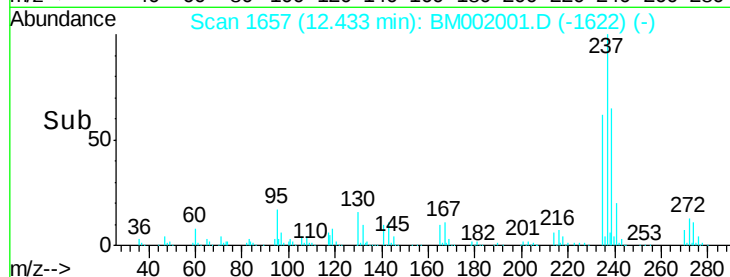
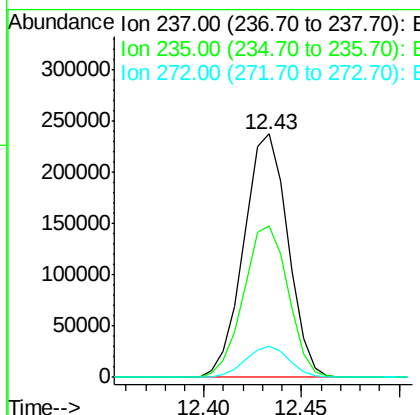
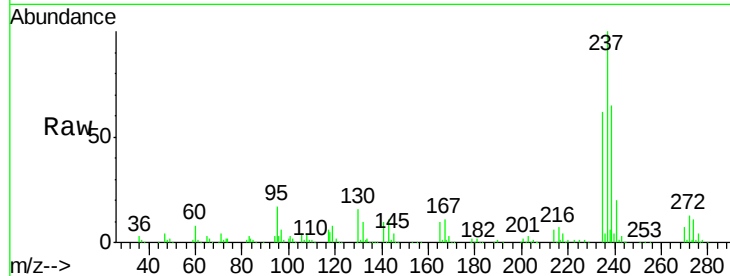
#37  
Hexachlorocyclopentadiene  
Concen: 85.88 ng/ul  
RT: 12.43 min Scan# 1657  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 372624 |       |       |
| 235     | 62.3  | 50.3   | 75.5  |       |
| 272     | 12.6  | 9.1    | 13.7  |       |

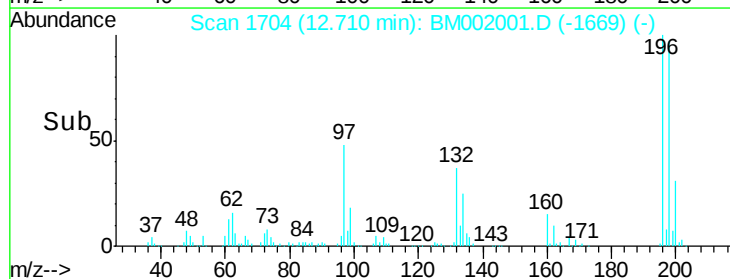
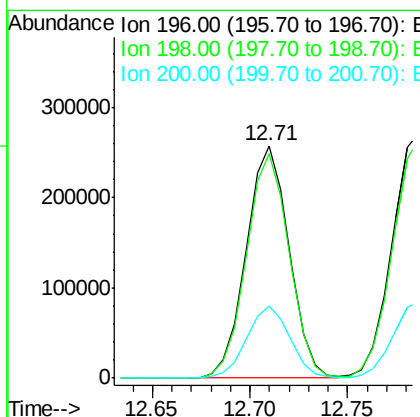
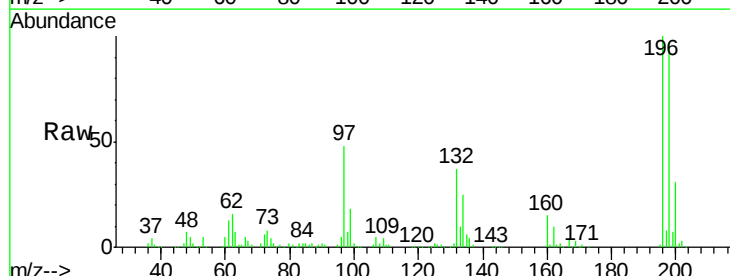
Manual Integrations  
APPROVED

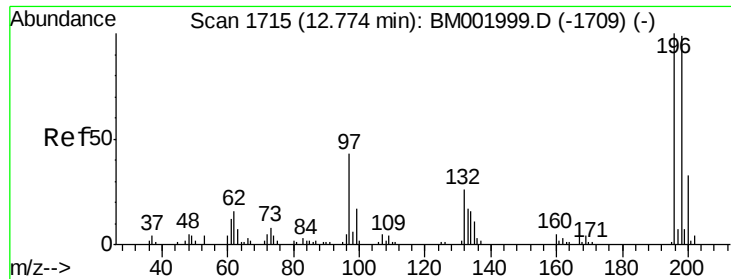
apatel  
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#38  
2,4,6-Trichlorophenol  
Concen: 84.31 ng/ul  
RT: 12.71 min Scan# 1704  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 392204 |       |       |
| 198     | 96.7  | 77.8   | 116.6 |       |
| 200     | 31.1  | 25.8   | 38.6  |       |





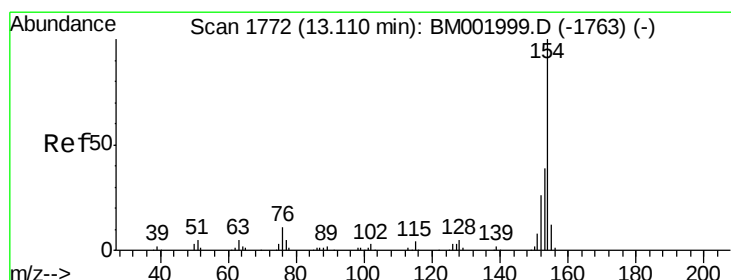
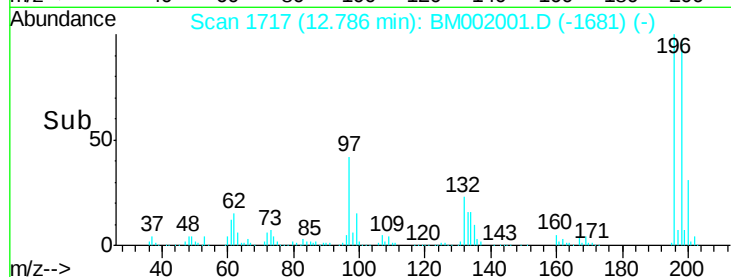
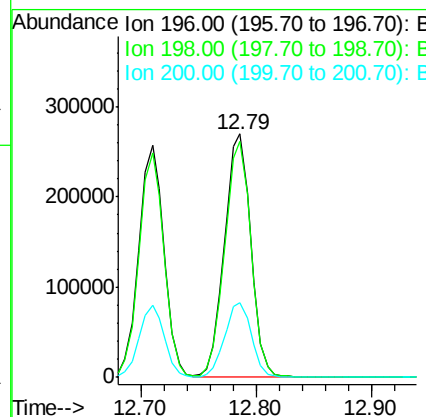
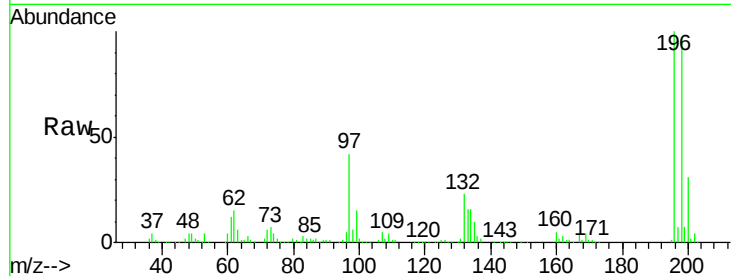
#39  
 2,4,5-Trichlorophenol  
 Concen: 86.28 ng/ul  
 RT: 12.79 min Scan# 1717  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08064

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 427631 |       |       |
| 198     | 96.9  | 78.9   | 118.3 |       |
| 200     | 30.7  | 25.9   | 38.9  |       |

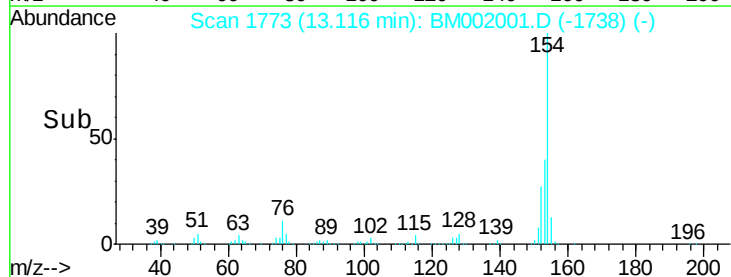
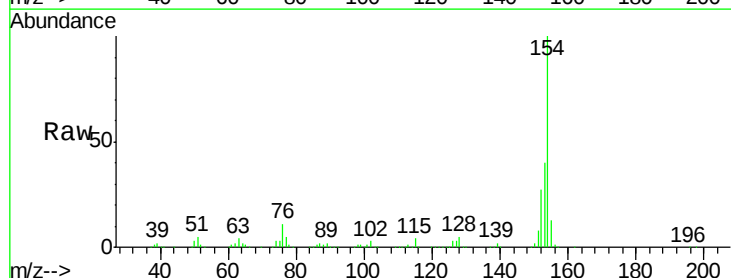
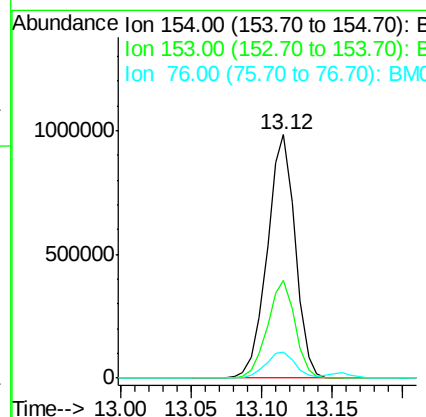
Manual Integrations  
 APPROVED

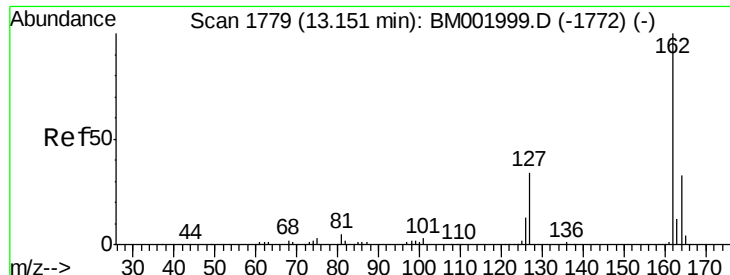
apatel  
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#40  
 1,1'-Biphenyl  
 Concen: 82.01 ng/ul  
 RT: 13.12 min Scan# 1773  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1367453 |       |       |
| 153     | 40.1  | 31.2    | 46.8  |       |
| 76      | 10.9  | 8.8     | 13.2  |       |





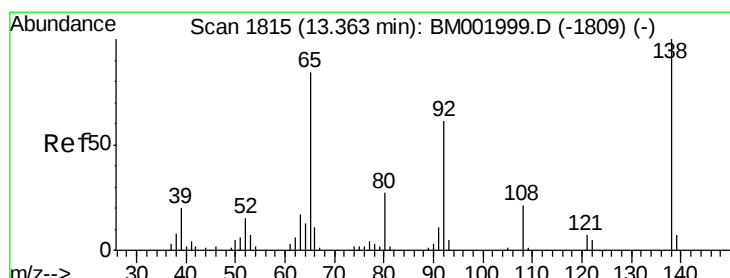
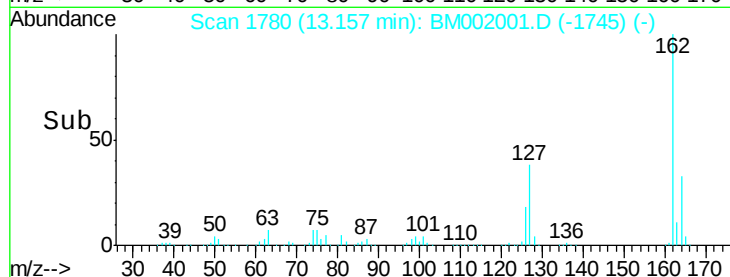
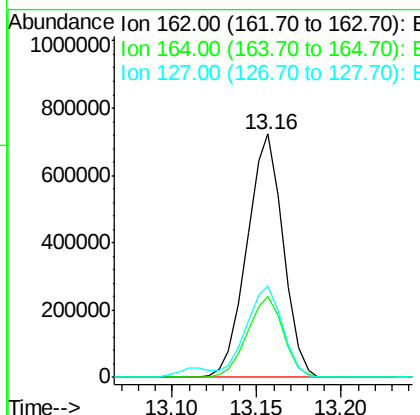
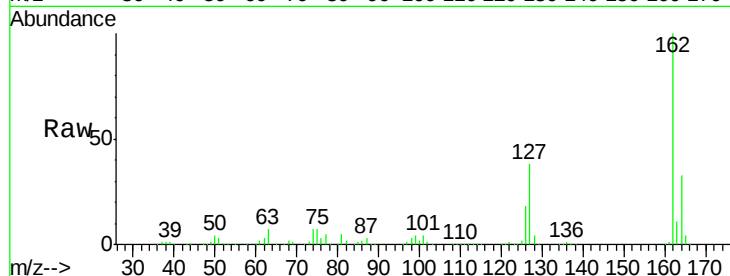
#41  
2-Chloronaphthalene  
Concen: 82.82 ng/ul  
RT: 13.16 min Scan# 1780  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

Tgt Ion: 162 Resp: 1074424  
Ion Ratio Lower Upper  
162 100  
164 33.3 26.7 40.1  
127 37.5 30.8 46.2

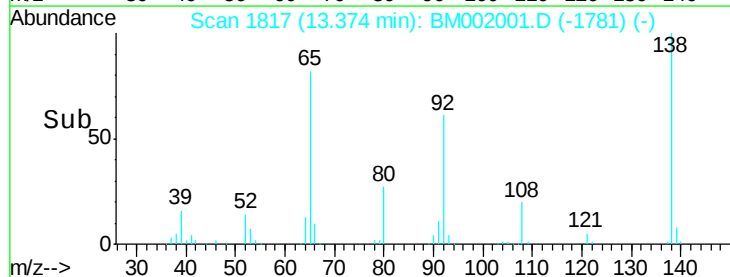
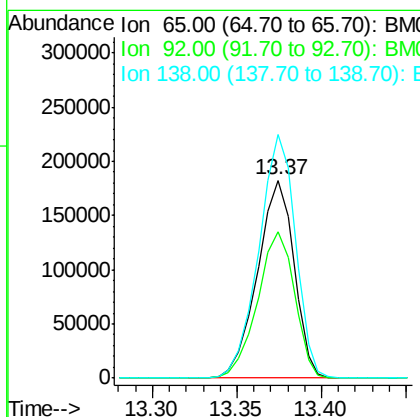
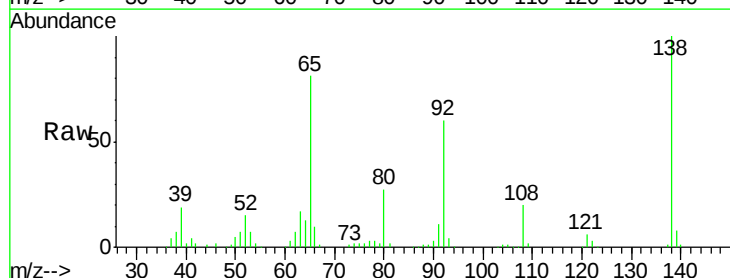
Manual Integrations  
APPROVED

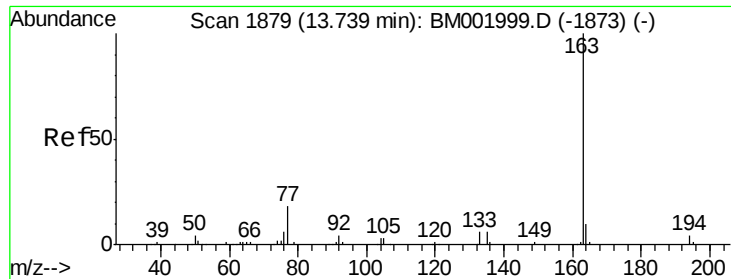
apatel  
7/22/2015 2:34:31 PM



#42  
2-Nitroaniline  
Concen: 78.69 ng/ul  
RT: 13.37 min Scan# 1817  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Tgt Ion: 65 Resp: 275025  
Ion Ratio Lower Upper  
65 100  
92 74.1 58.2 87.2  
138 122.9 95.0 142.6





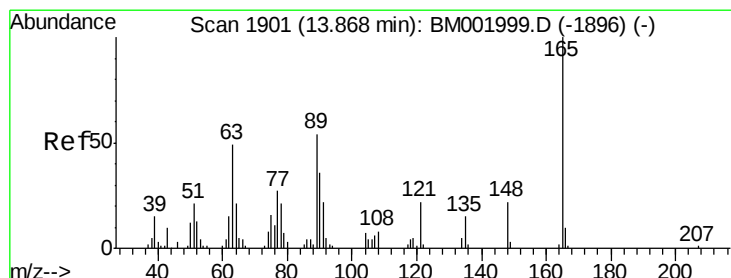
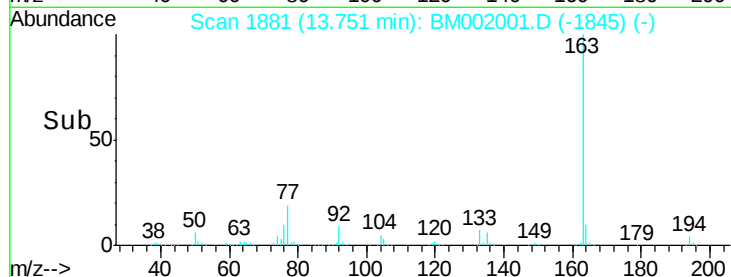
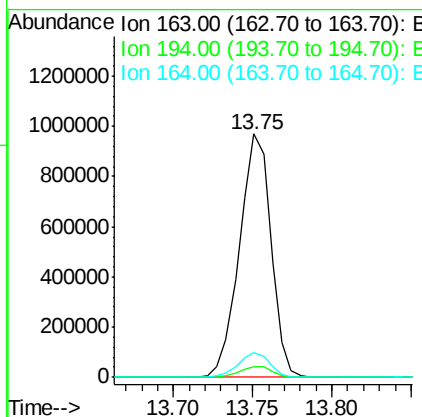
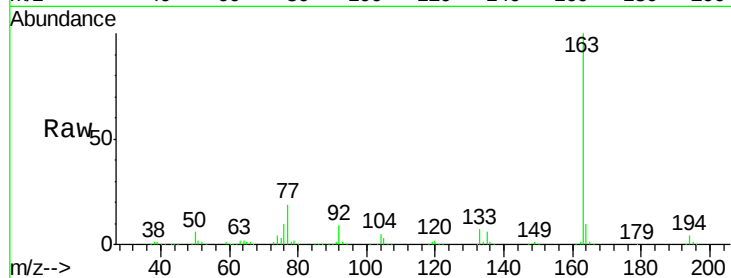
#44  
 Dimethylphthalate  
 Concen: 79.74 ng/ul  
 RT: 13.75 min Scan# 1881  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08064

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.4   | 5.0   |
| 164     | 10.1  | 8.2   | 12.4  |

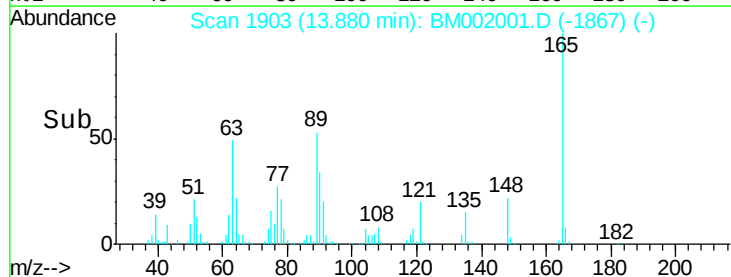
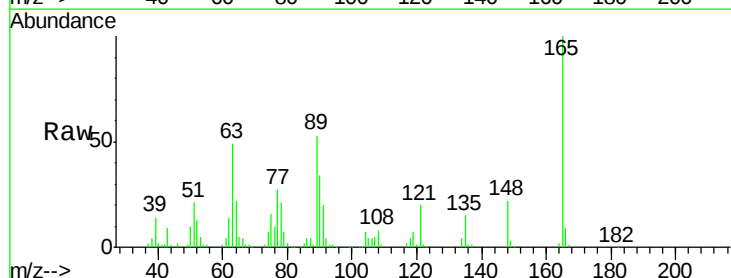
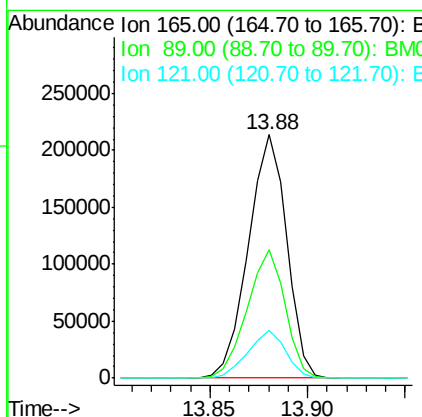
Manual Integrations  
 APPROVED

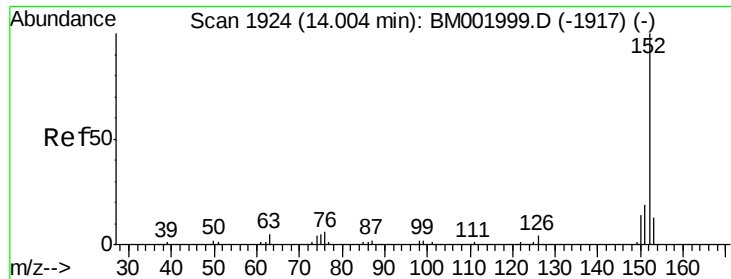
apatel  
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#45  
 2,6-Dinitrotoluene  
 Concen: 86.10 ng/ul  
 RT: 13.88 min Scan# 1903  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 52.8  | 43.2  | 64.8  |
| 121     | 19.6  | 17.2  | 25.8  |





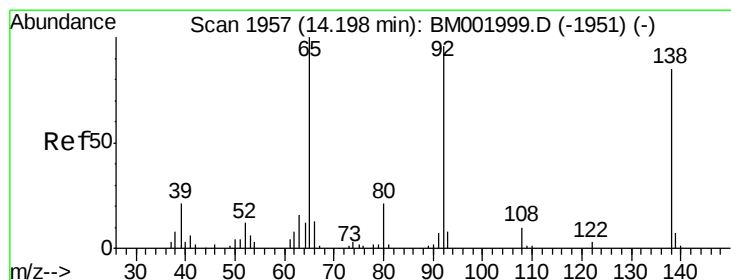
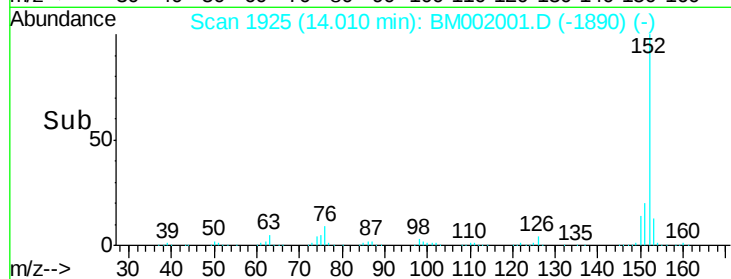
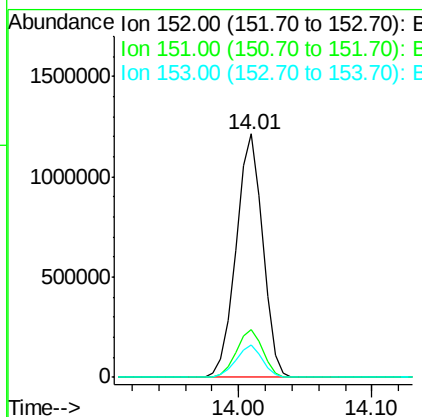
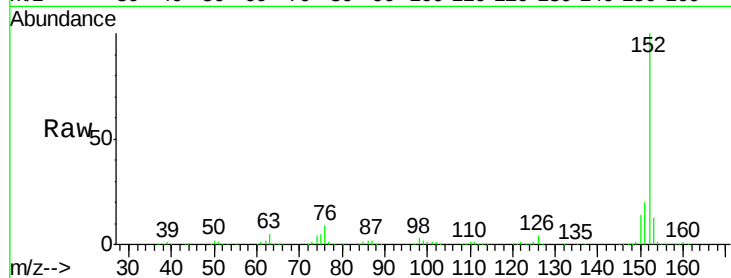
#47  
Acenaphthylene  
Concen: 82.53 ng/ul  
RT: 14.01 min Scan# 1925  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.6  | 15.2  | 22.8  |
| 153     | 13.1  | 10.4  | 15.6  |

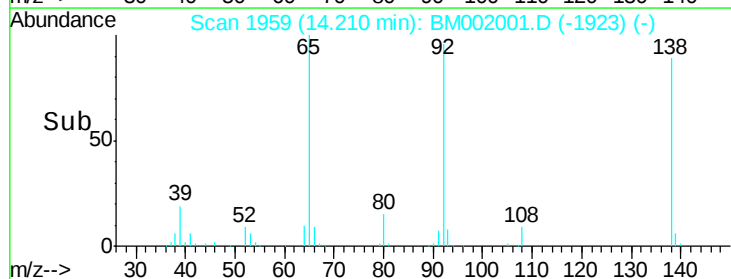
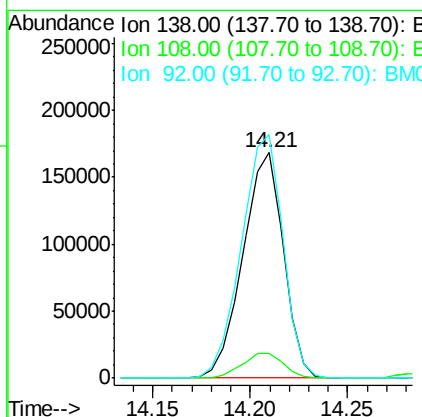
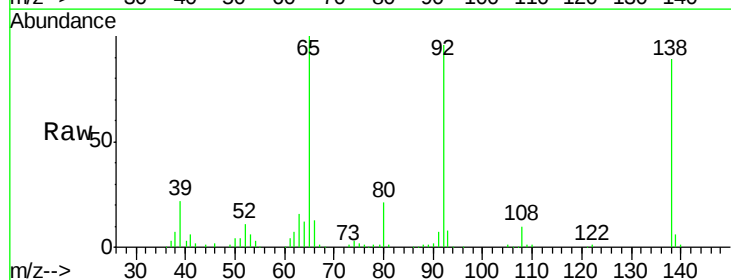
Manual Integrations  
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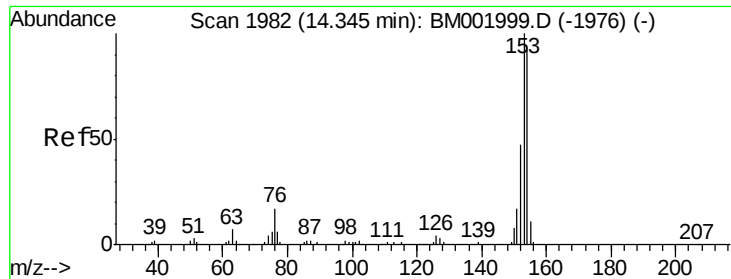
apatel  
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#48  
3-Nitroaniline  
Concen: 79.76 ng/ul  
RT: 14.21 min Scan# 1959  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.9  | 9.3   | 13.9  |
| 92      | 108.0 | 91.0  | 136.4 |





#49

Acenaphthene

Concen: 79.90 ng/ul

RT: 14.35 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

SSTD08064

Tgt Ion:153 Resp: 1102023

Ion Ratio Lower Upper

153 100

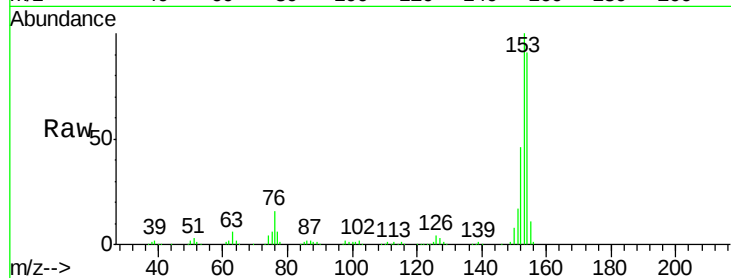
152 45.6 37.4 56.2

154 90.5 73.3 109.9

Manual Integrations  
APPROVED

apatel

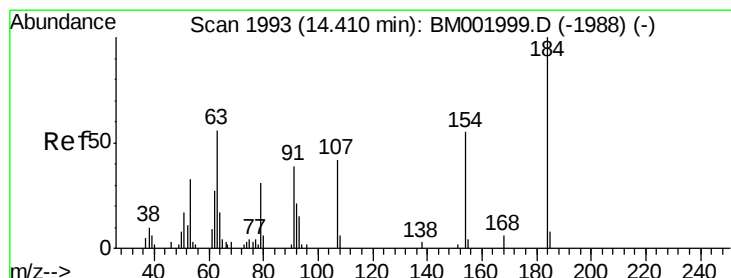
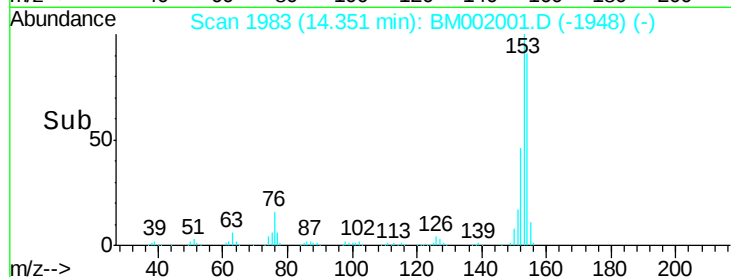
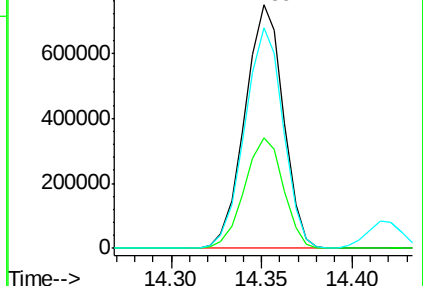
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 93.59 ng/ul

RT: 14.42 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

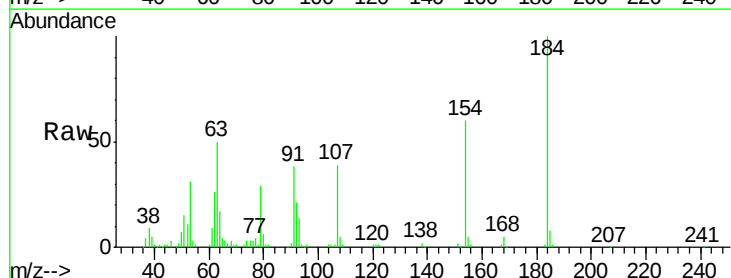
Tgt Ion:184 Resp: 189295

Ion Ratio Lower Upper

184 100

63 50.0 45.0 67.6

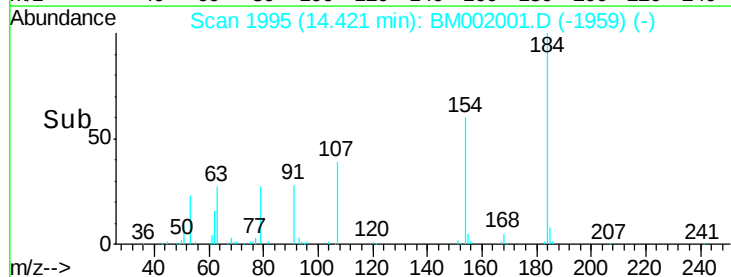
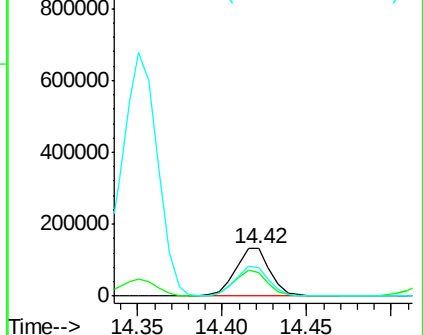
154 60.1 44.2 66.4

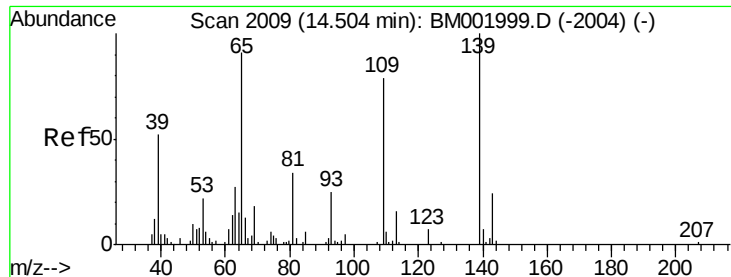


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 93.67 ng/ul

RT: 14.53 min Scan# 2013

Delta R.T. 0.02 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

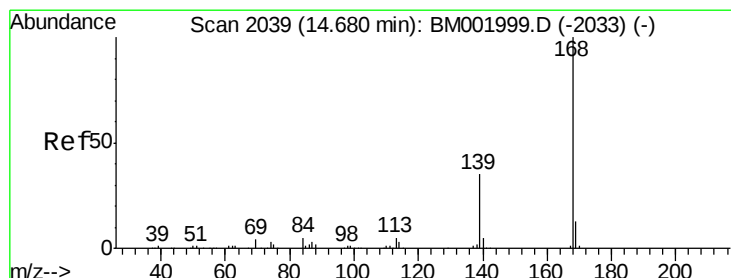
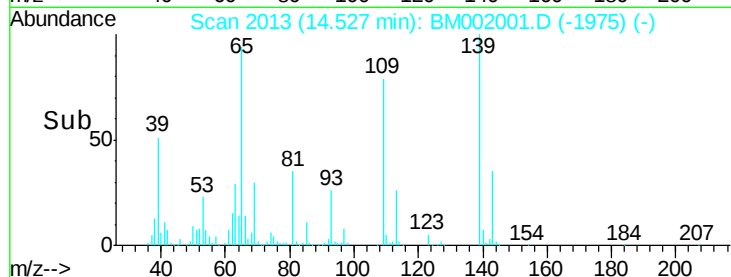
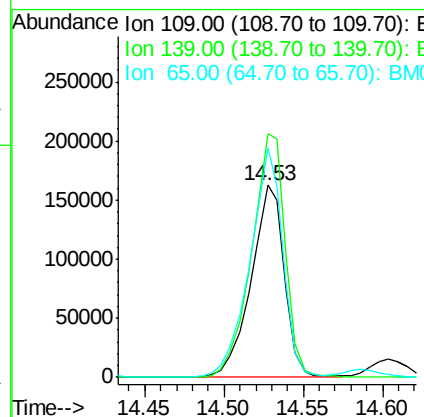
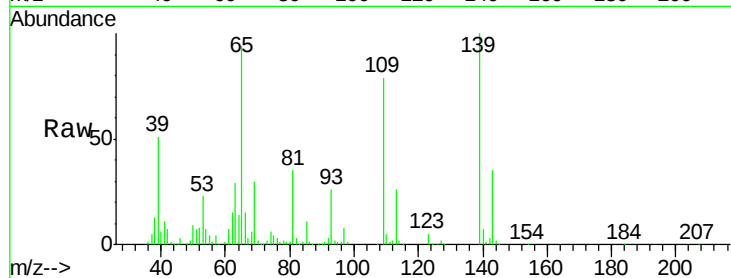
ClientSampleId :

SSTD08064

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 109   | Resp: | 235891 |
| Ion Ratio | Lower | Upper |        |
| 109       | 100   |       |        |
| 139       | 126.8 | 101.9 | 152.9  |
| 65        | 119.5 | 93.8  | 140.8  |

Manual Integrations  
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#53

Dibenzofuran

Concen: 101.15 ng/ul

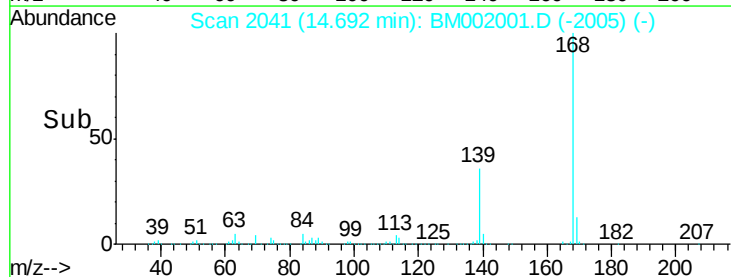
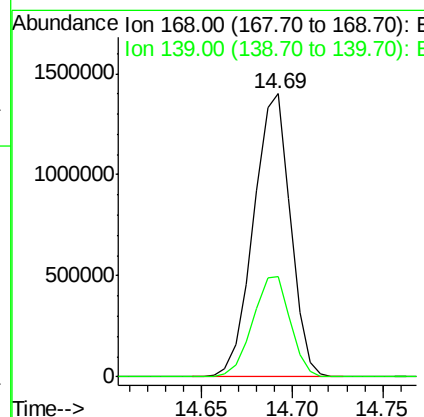
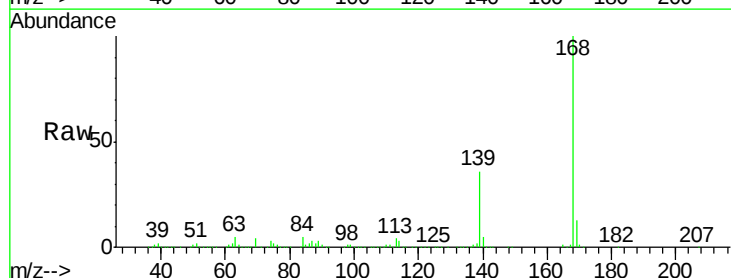
RT: 14.69 min Scan# 2041

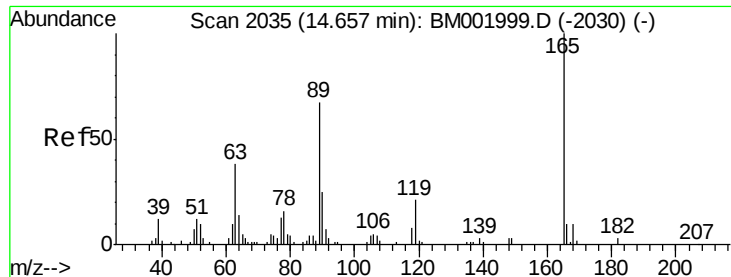
Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 168   | Resp: | 1980863 |
| Ion Ratio | Lower | Upper |         |
| 168       | 100   |       |         |
| 139       | 35.6  | 28.2  | 42.4    |





#54

2,4-Dinitrotoluene

Concen: 107.38 ng/ul

RT: 14.67 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

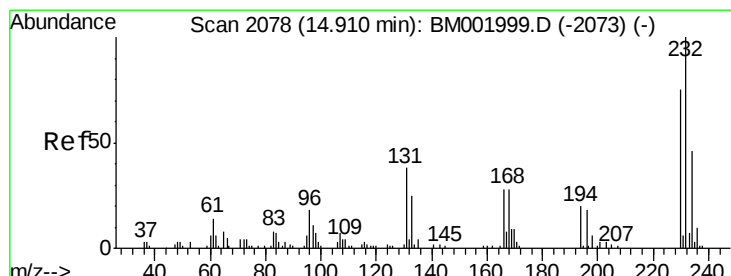
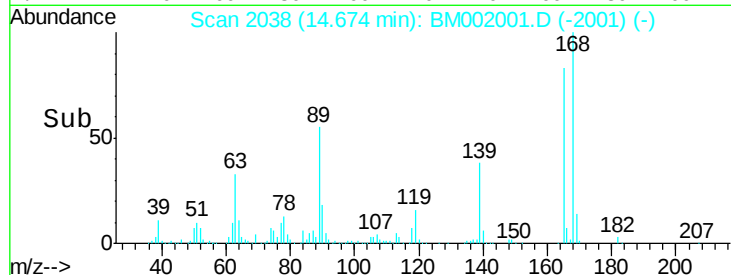
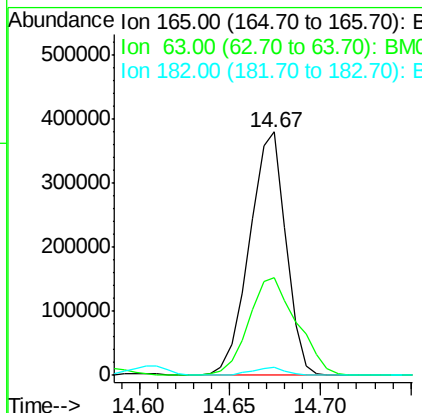
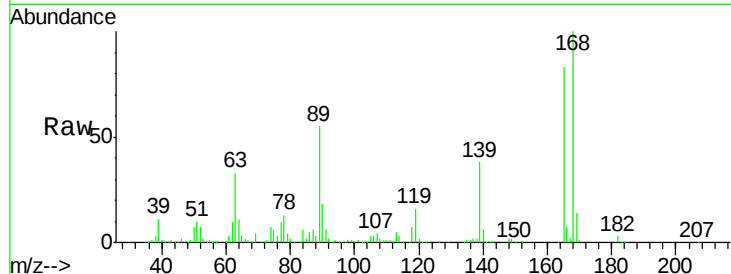
ClientSampleId :

SSTD08064

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 529992 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 39.9  | 30.3  | 45.5   |
| 182       | 3.2   | 2.3   | 3.5    |

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#55

2,3,4,6-Tetrachlorophenol

Concen: 105.69 ng/ul

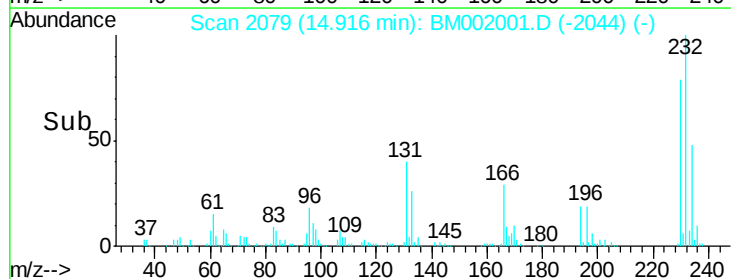
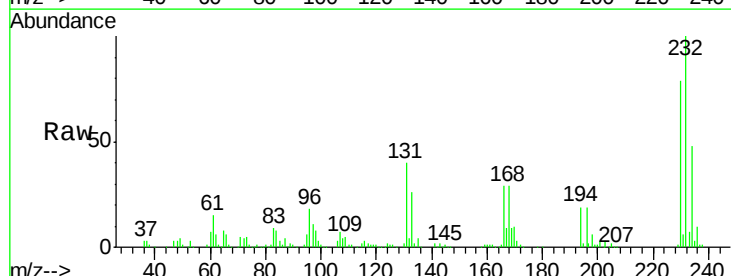
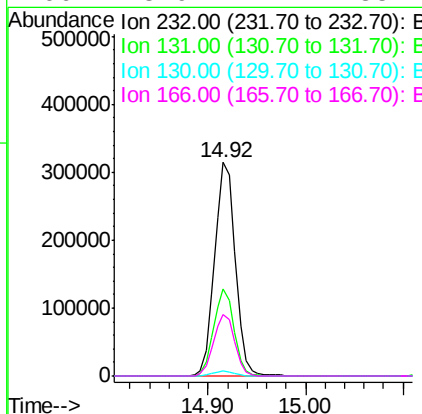
RT: 14.92 min Scan# 2079

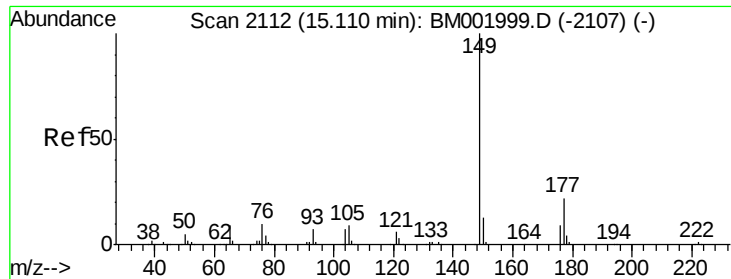
Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 464169 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 40.5  | 30.4  | 45.6   |
| 130       | 2.1   | 1.8   | 2.6    |
| 166       | 28.9  | 22.1  | 33.1   |





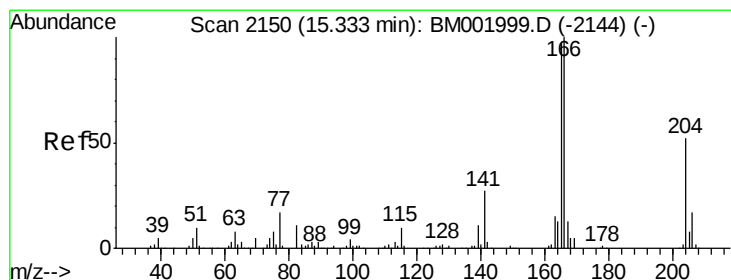
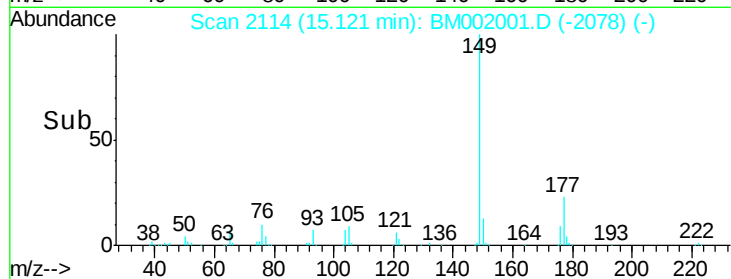
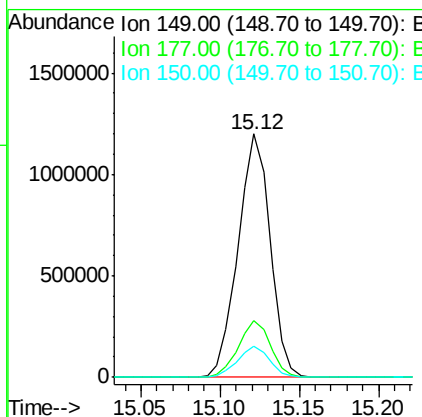
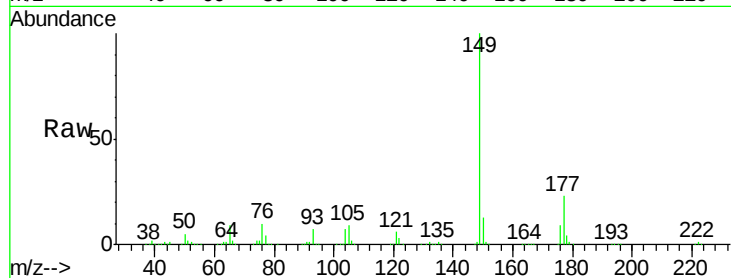
#56  
Diethylphthalate  
Concen: 101.41 ng/ul  
RT: 15.12 min Scan# 2114  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

Tgt Ion:149 Resp: 1685145  
Ion Ratio Lower Upper  
149 100  
177 23.2 17.8 26.6  
150 12.8 10.3 15.5

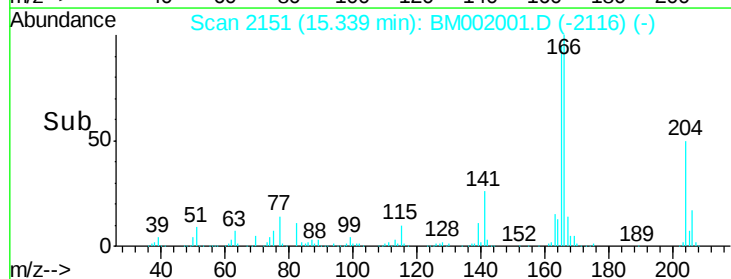
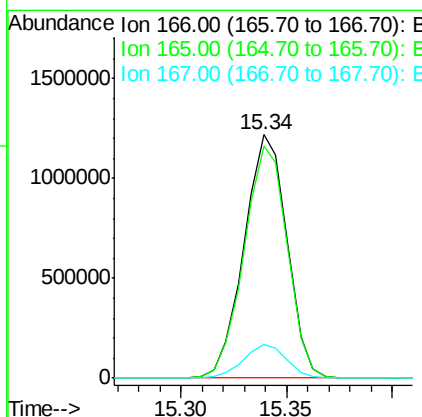
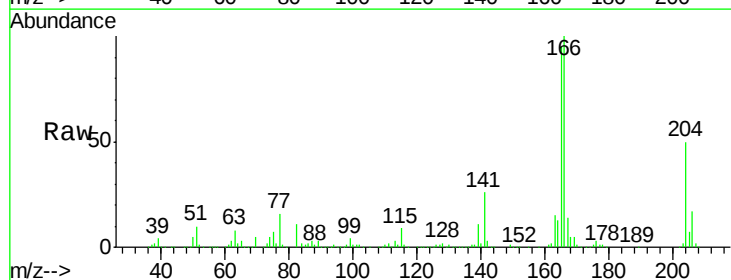
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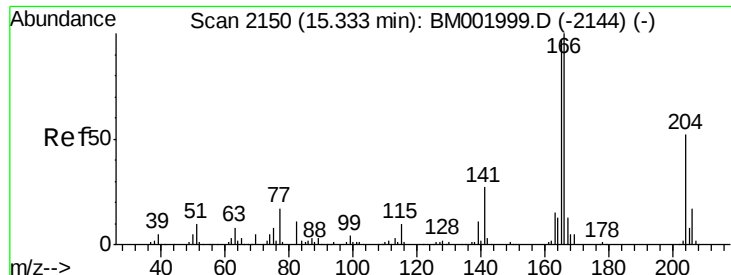
apatel  
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#58  
Fluorene  
Concen: 103.96 ng/ul  
RT: 15.34 min Scan# 2151  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Tgt Ion:166 Resp: 1718704  
Ion Ratio Lower Upper  
166 100  
165 95.2 77.8 116.6  
167 13.7 10.6 16.0





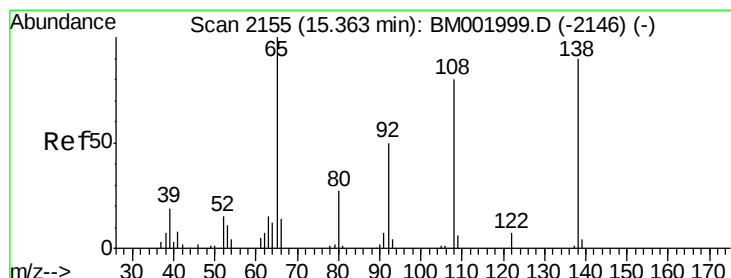
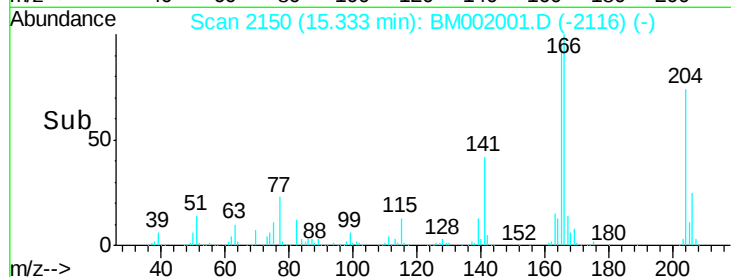
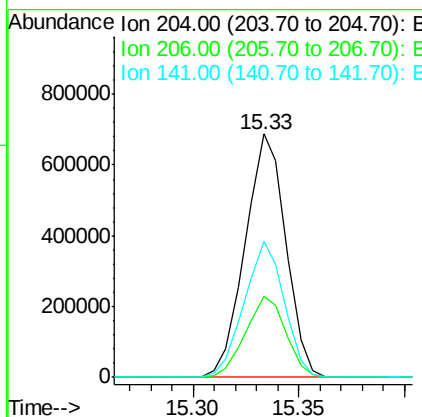
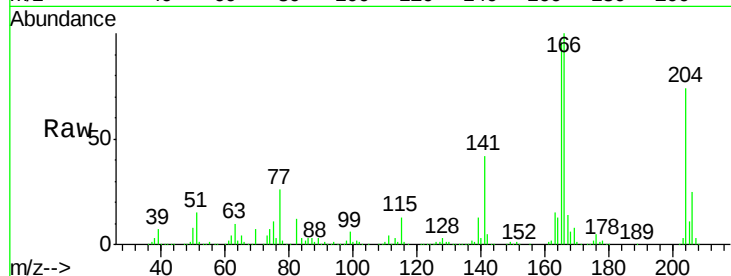
#59  
4-Chlorophenyl-phenylether  
Concen: 102.62 ng/ul  
RT: 15.33 min Scan# 2150  
Delta R.T. 0.00 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 921416 |       |       |
| 206     | 33.1  | 26.8   | 40.2  |       |
| 141     | 56.0  | 41.6   | 62.4  |       |

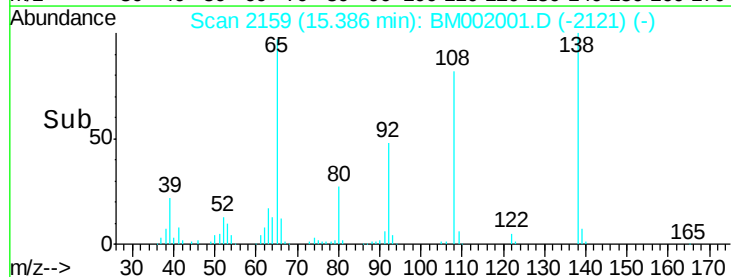
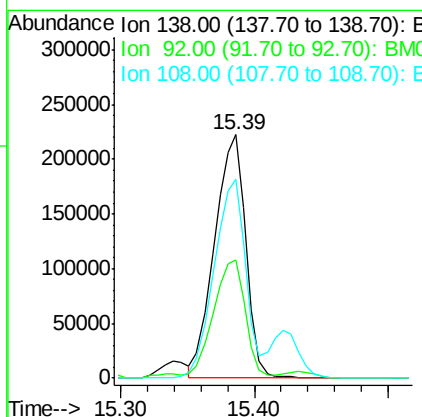
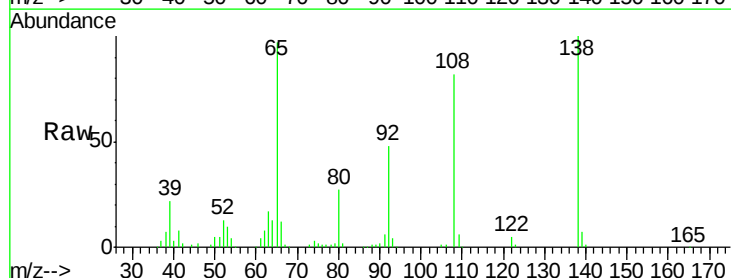
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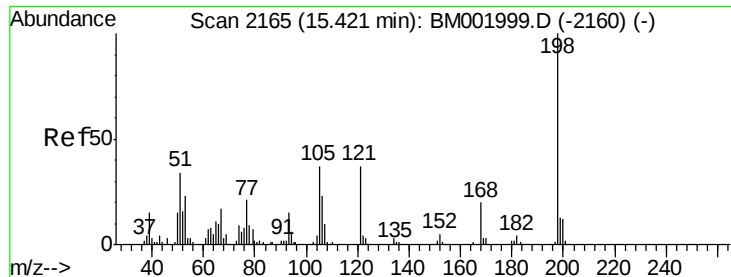
apatel  
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#60  
4-Nitroaniline  
Concen: 114.13 ng/ul  
RT: 15.39 min Scan# 2159  
Delta R.T. 0.02 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 364999 |       |       |
| 92      | 48.3  | 44.6   | 67.0  |       |
| 108     | 81.5  | 71.3   | 106.9 |       |





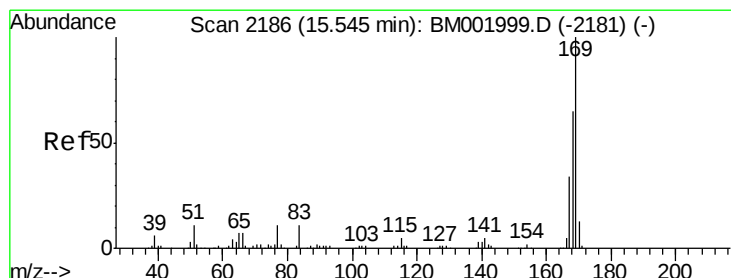
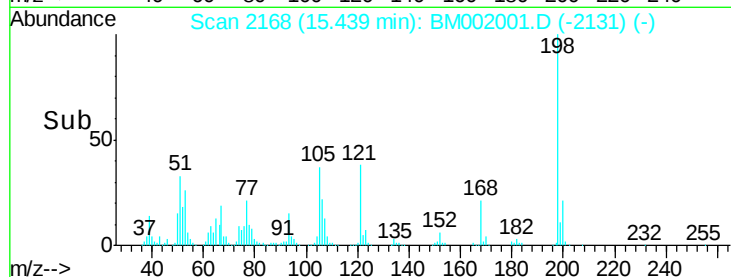
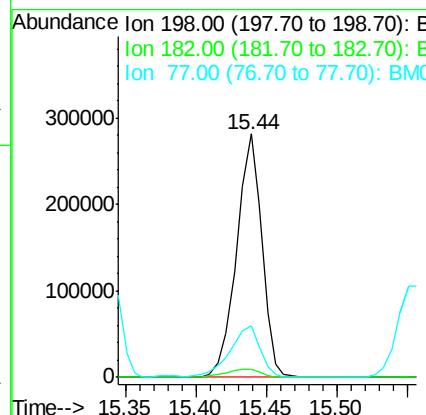
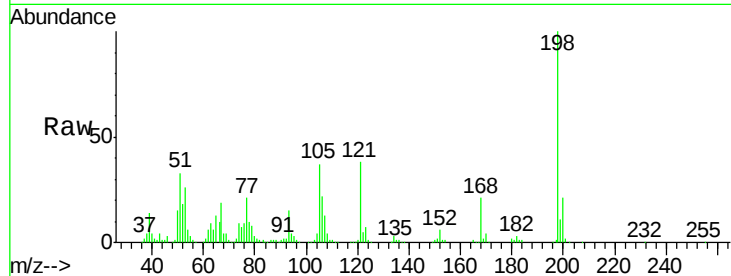
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 115.21 ng/ul  
 RT: 15.44 min Scan# 2168  
 Delta R.T. 0.02 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08064

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 352841 |       |       |
| 182     | 3.2   | 3.6    | 5.4#  |       |
| 77      | 21.4  | 17.7   | 26.5  |       |

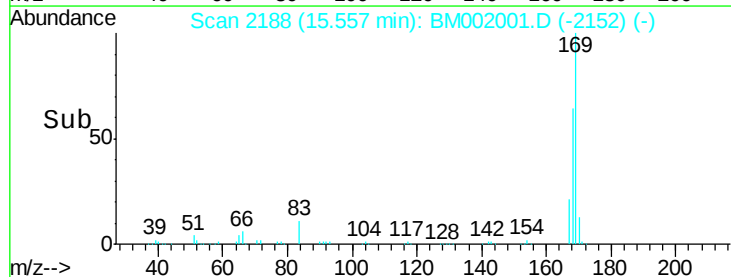
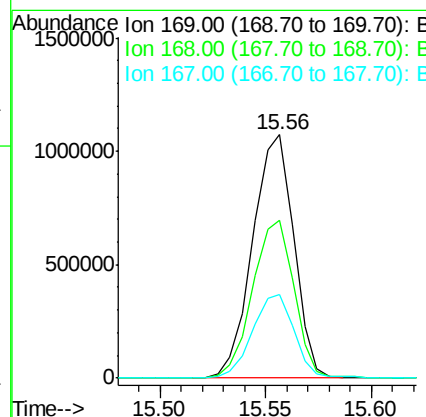
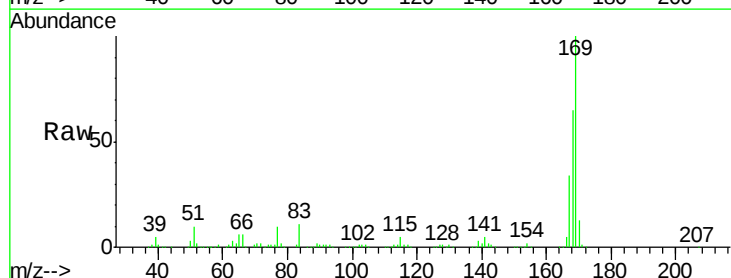
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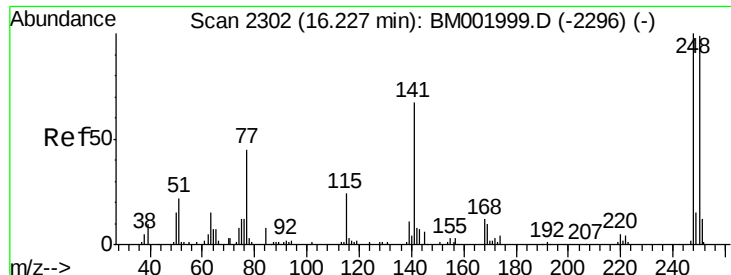
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#64  
 N-Nitrosodiphenylamine  
 Concen: 106.68 ng/ul  
 RT: 15.56 min Scan# 2188  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1456971 |       |       |
| 168     | 64.8  | 52.3    | 78.5  |       |
| 167     | 34.3  | 27.0    | 40.6  |       |





#65

4-Bromophenyl-phenylether

Concen: 84.77 ng/ul

RT: 16.23 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

SSTD08064

Tgt Ion: 248 Resp: 438532

Ion Ratio Lower Upper

248 100

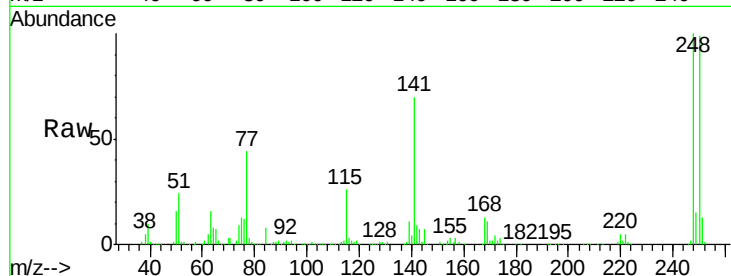
250 98.5 79.6 119.4

141 69.9 53.5 80.3

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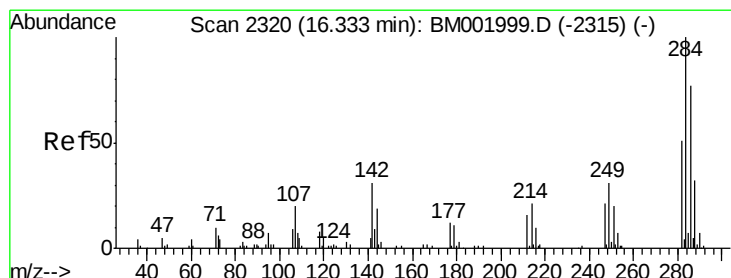
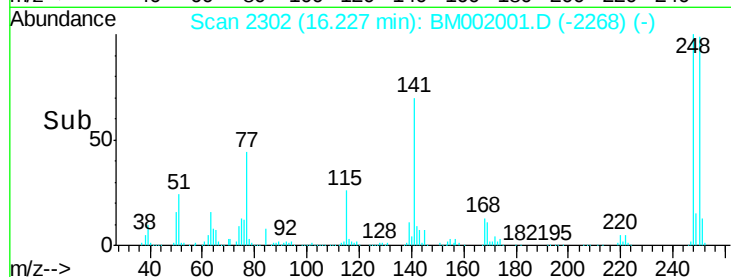
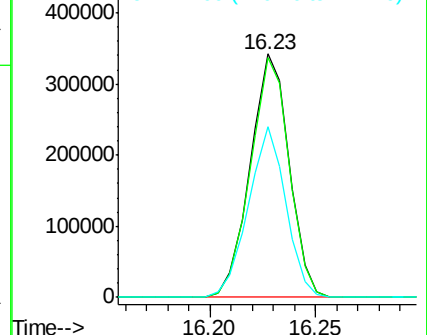
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Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66

Hexachlorobenzene

Concen: 84.39 ng/ul

RT: 16.34 min Scan# 2321

Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

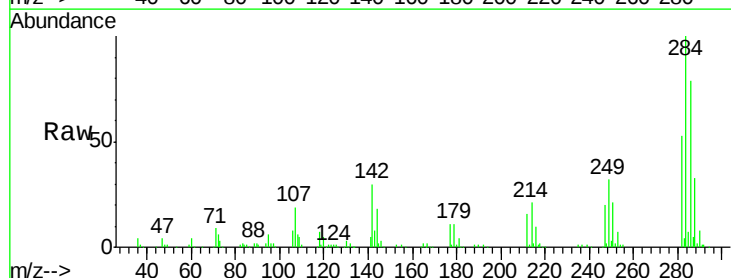
Tgt Ion: 284 Resp: 482744

Ion Ratio Lower Upper

284 100

142 30.4 24.7 37.1

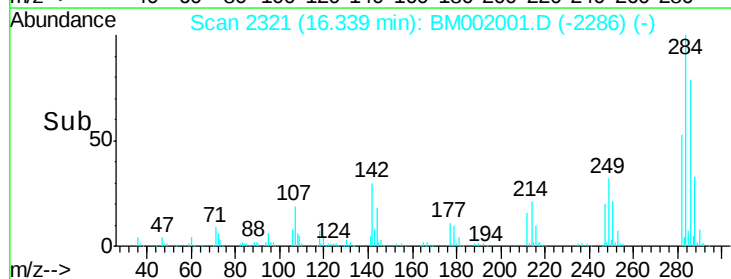
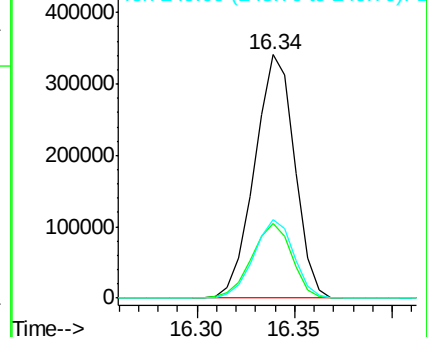
249 32.5 25.2 37.8

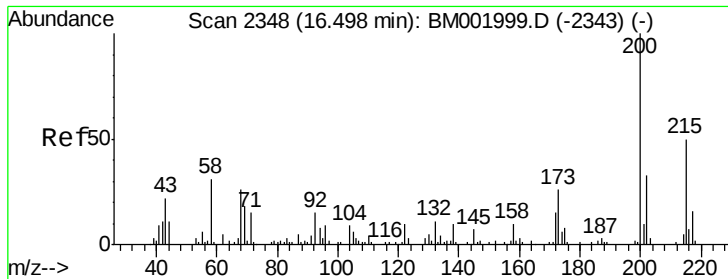


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





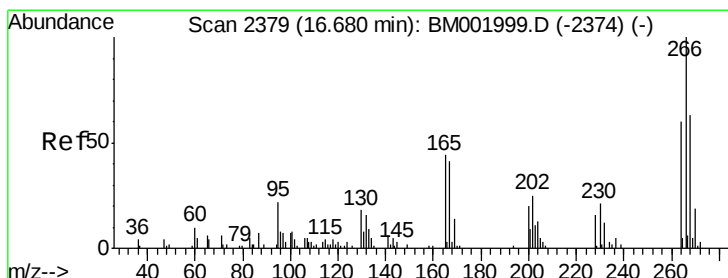
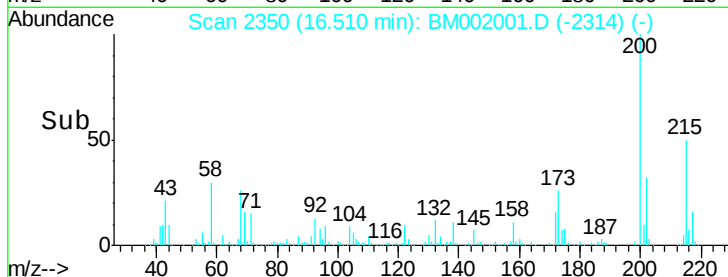
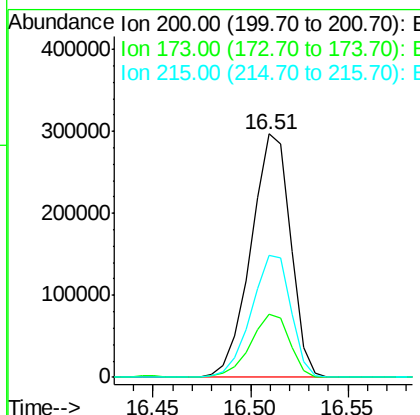
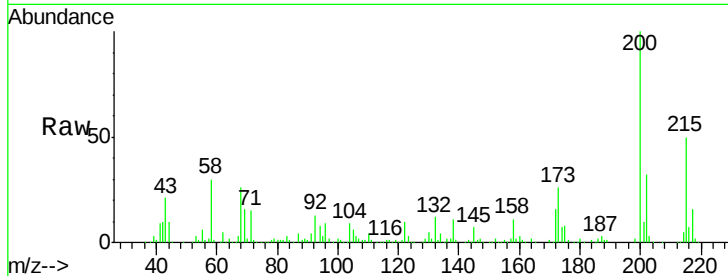
#67  
 Atrazine  
 Concen: 80.02 ng/ul  
 RT: 16.51 min Scan# 2350  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SST08064

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 25.9  | 20.9       | 31.3       |
| 215     | 49.9  | 39.8       | 59.6       |

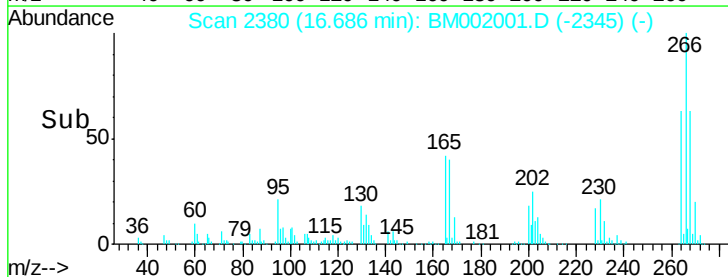
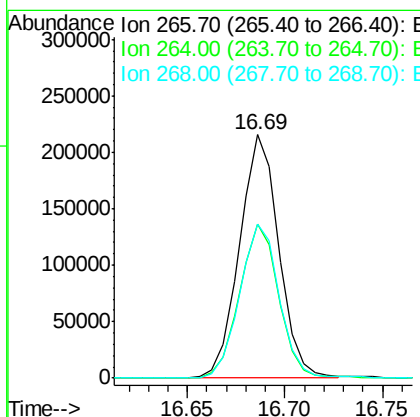
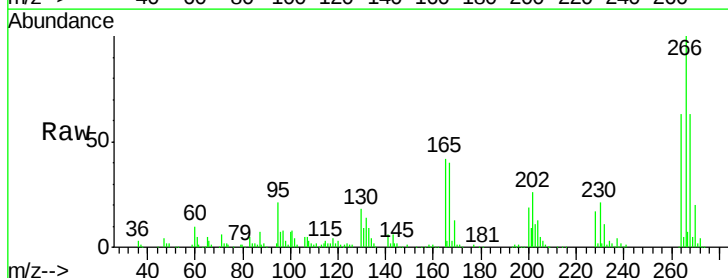
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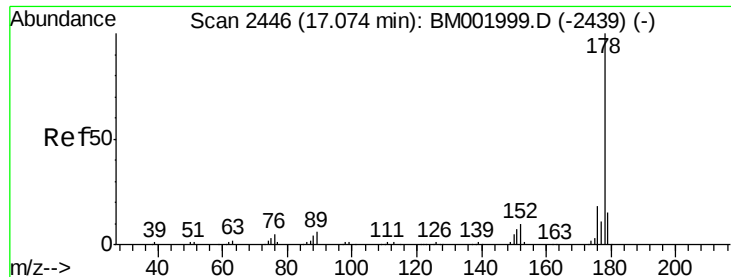
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#68  
 Pentachlorophenol  
 Concen: 87.72 ng/ul  
 RT: 16.69 min Scan# 2380  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 264     | 63.0  | 48.2       | 72.2       |
| 268     | 63.5  | 50.2       | 75.2       |





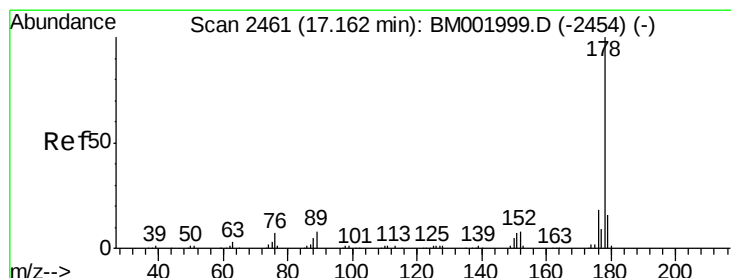
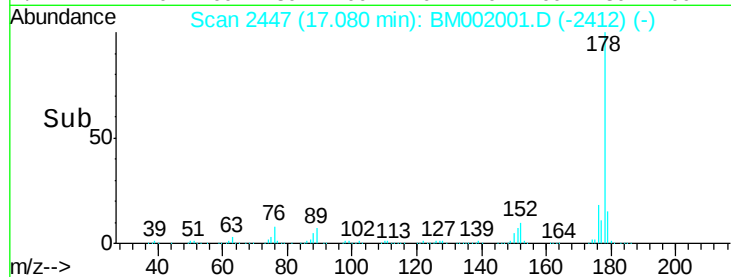
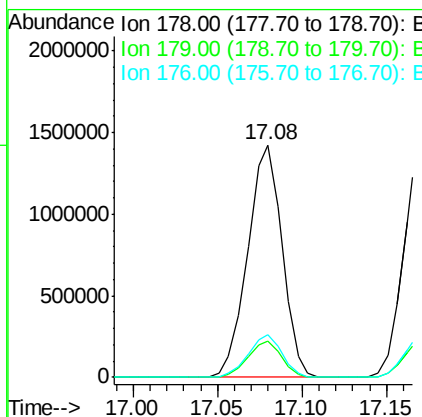
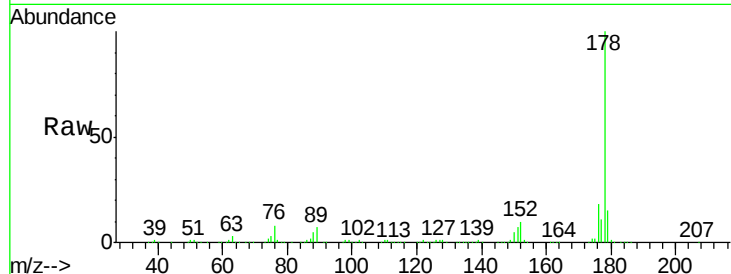
#69  
Phenanthrene  
Concen: 82.16 ng/ul  
RT: 17.08 min Scan# 2447  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

Tgt Ion:178 Resp: 2023310  
Ion Ratio Lower Upper  
178 100  
179 15.3 12.1 18.1  
176 18.1 14.1 21.1

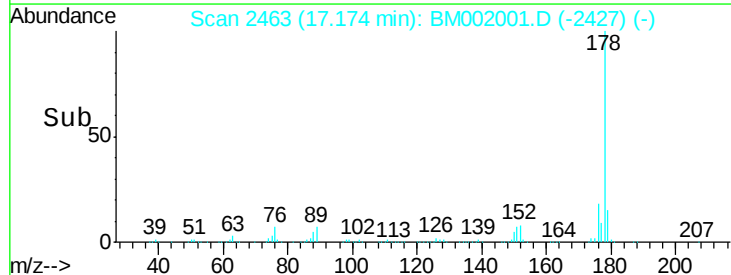
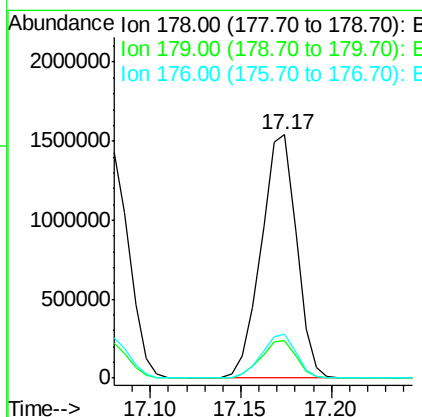
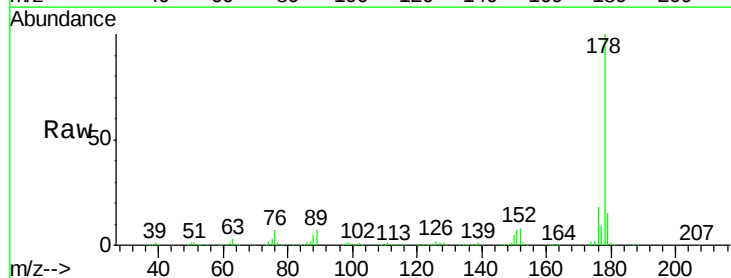
Manual Integrations  
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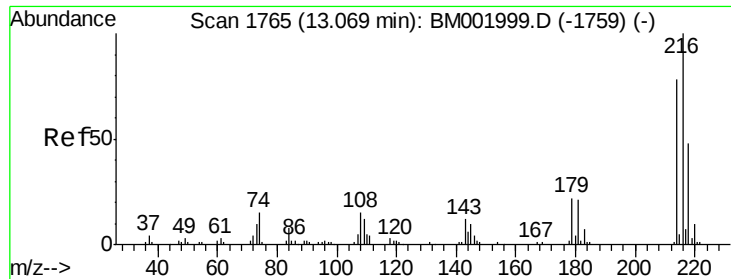
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#71  
Anthracene  
Concen: 81.23 ng/ul  
RT: 17.17 min Scan# 2463  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Tgt Ion:178 Resp: 2093626  
Ion Ratio Lower Upper  
178 100  
179 15.3 12.6 19.0  
176 17.8 14.1 21.1





#72

1,2,3,4-Tetrachlorobenzene

Concen: 90.54 ng/uL

RT: 13.07 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

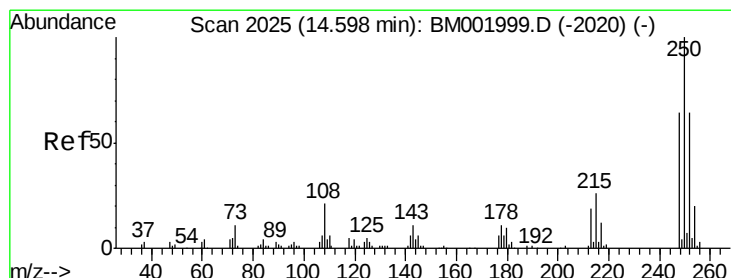
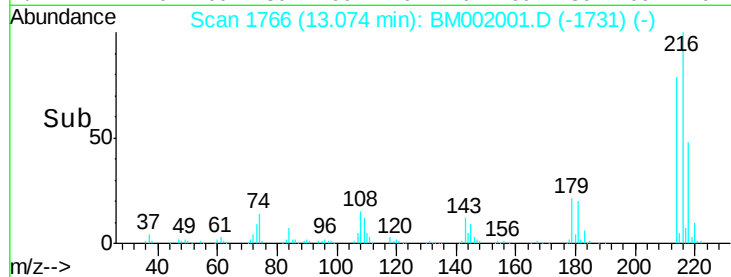
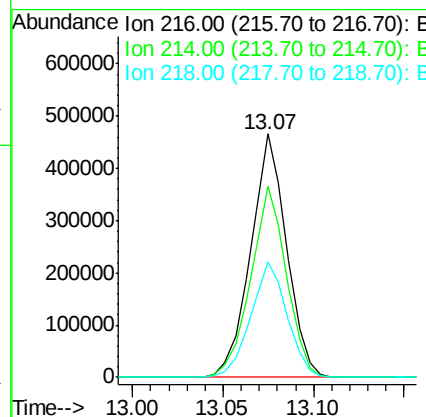
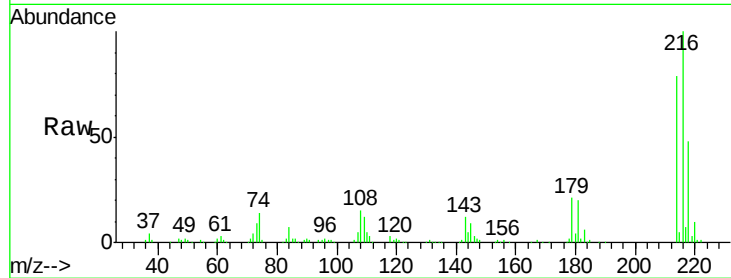
ClientSampleId :

SSTD08064

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 638471 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.5  | 62.8  | 94.2   |
| 218       | 47.6  | 38.5  | 57.7   |

Manual Integrations  
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#73

Pentachlorobenzene

Concen: 102.85 ng/uL

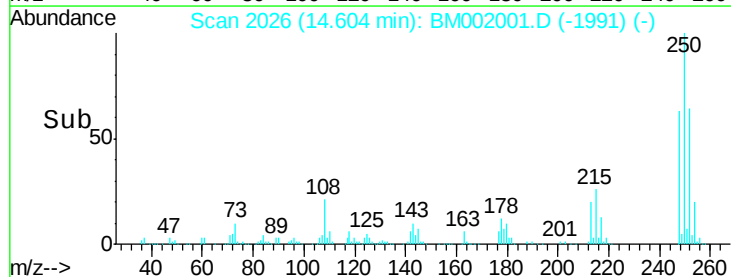
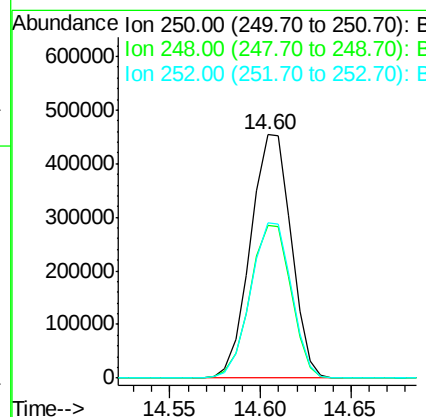
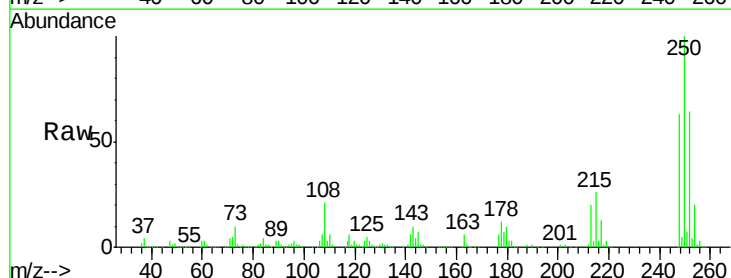
RT: 14.60 min Scan# 2026

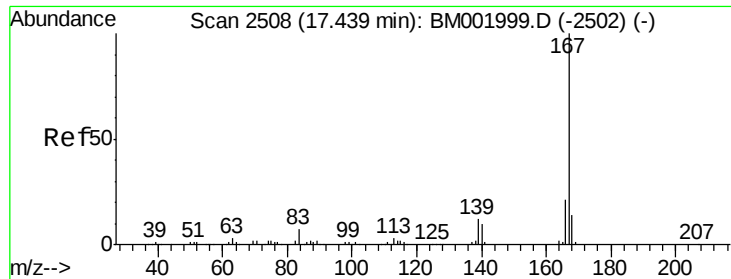
Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 250   | Resp: | 709435 |
| Ion Ratio | Lower | Upper |        |
| 250       | 100   |       |        |
| 248       | 62.9  | 50.8  | 76.2   |
| 252       | 63.6  | 51.2  | 76.8   |





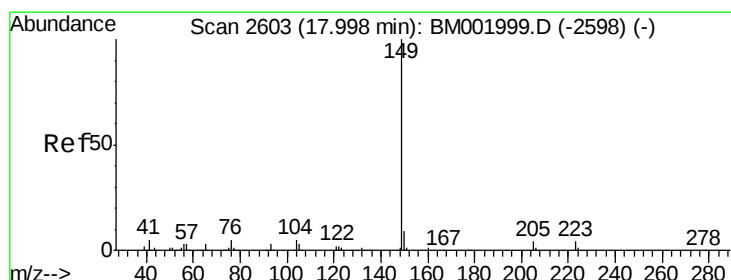
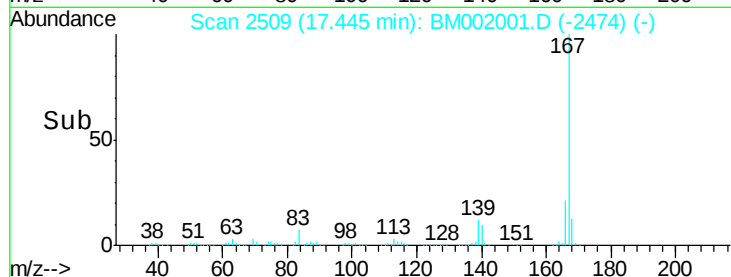
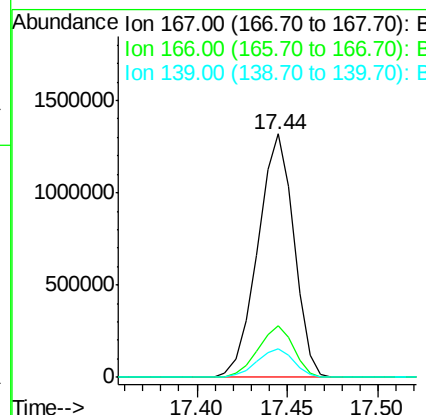
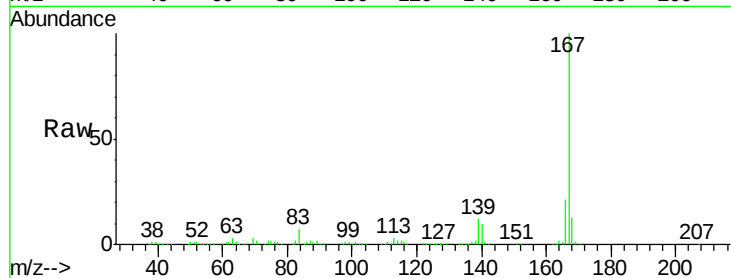
#74  
 Carbazole  
 Concen: 84.39 ng/ul  
 RT: 17.44 min Scan# 2509  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST08064

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 17.0  | 25.4  |
| 139     | 11.9  | 9.8   | 14.6  |

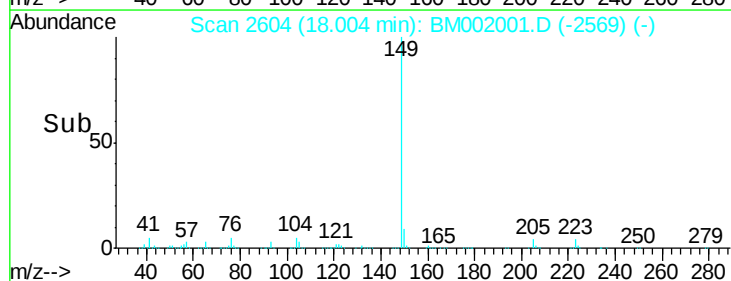
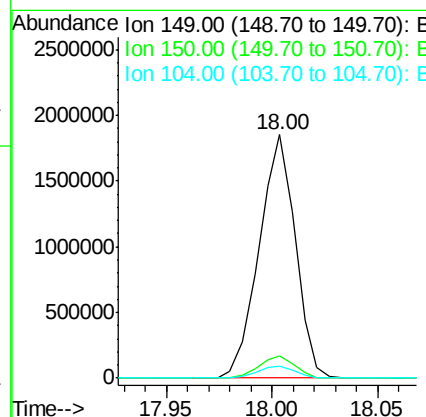
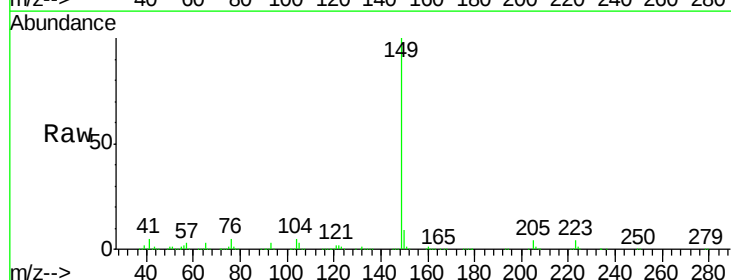
Manual Integrations  
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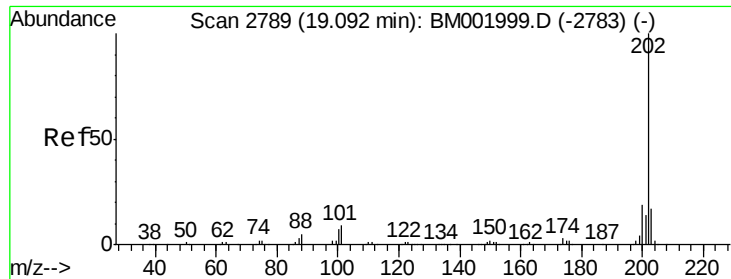
apatel  
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#75  
 Di-n-butylphthalate  
 Concen: 88.97 ng/ul  
 RT: 18.00 min Scan# 2604  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.3   | 10.9  |
| 104     | 5.0   | 4.2   | 6.2   |





#76

Fluoranthene

Concen: 85.89 ng/ul

RT: 19.10 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

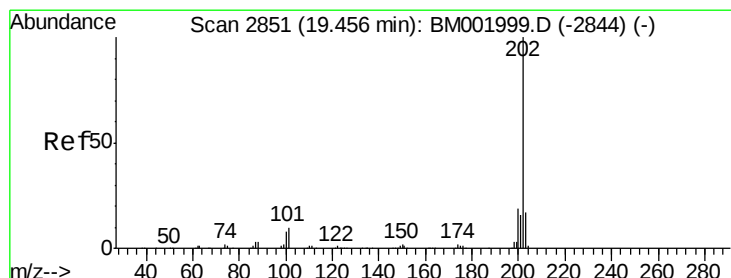
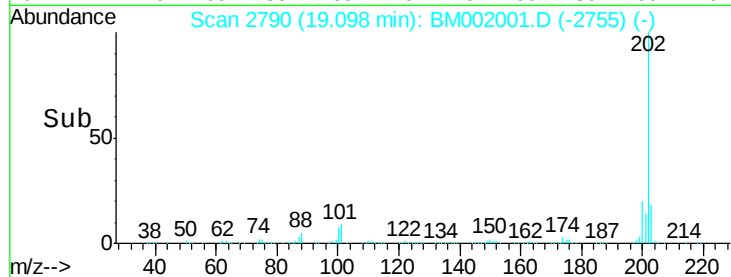
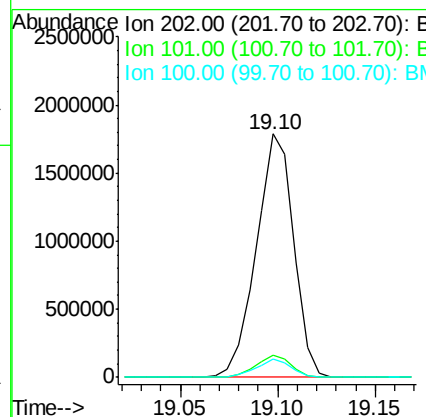
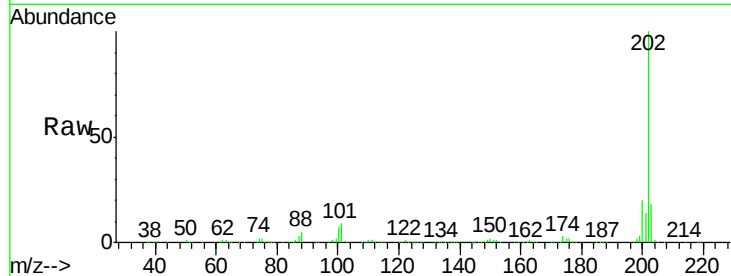
ClientSampleId :

SSTD08064

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 2364707 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 9.3   | 7.0   | 10.6    |
| 100       | 7.3   | 5.6   | 8.4     |

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apatel  
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#79

Pyrene

Concen: 74.00 ng/ul

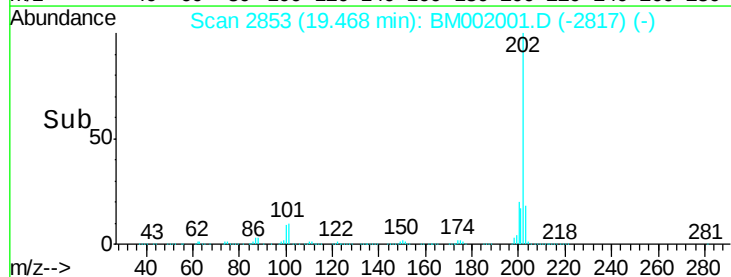
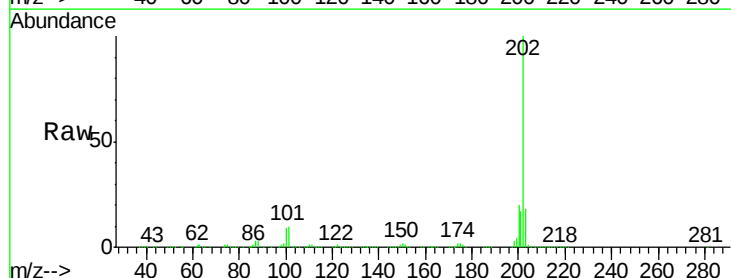
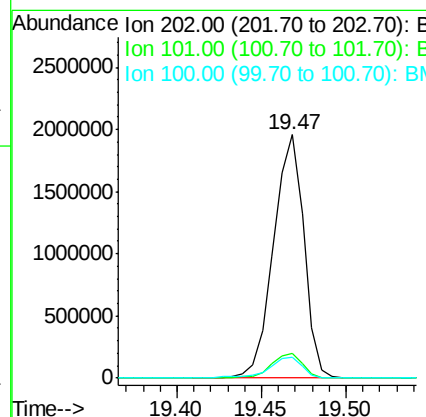
RT: 19.47 min Scan# 2853

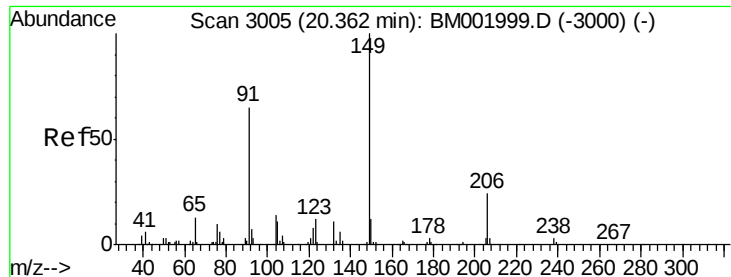
Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 2453199 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 10.2  | 7.8   | 11.8    |
| 100       | 8.6   | 6.5   | 9.7     |





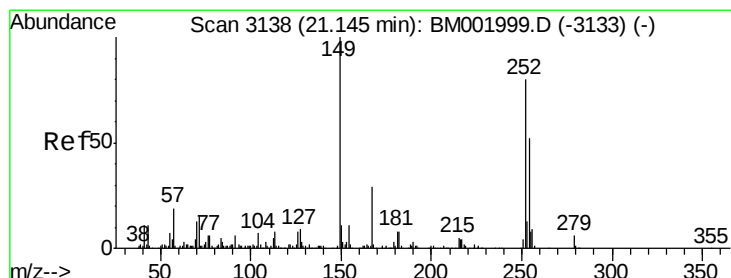
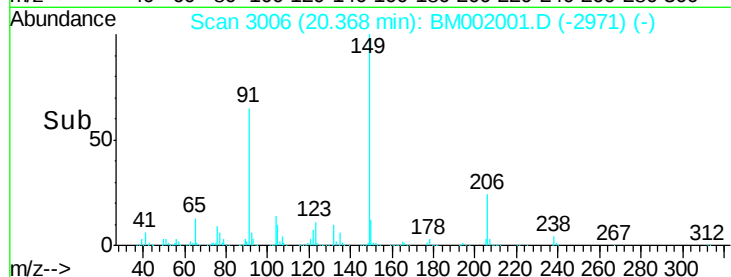
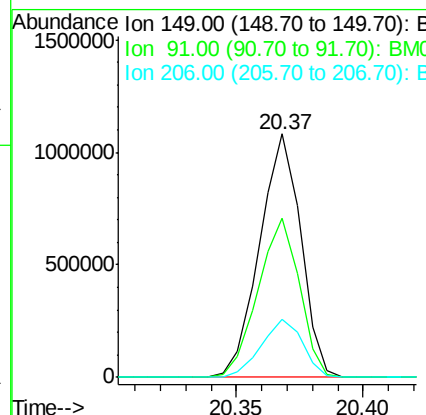
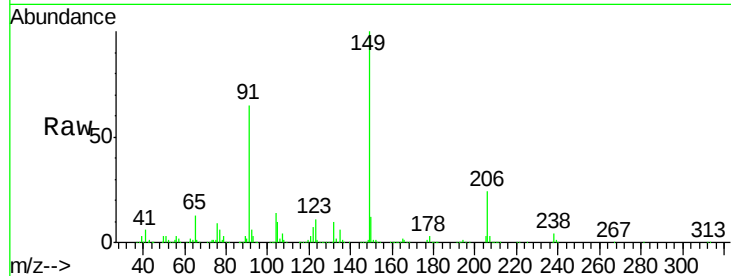
#80  
Butylbenzylphthalate  
Concen: 95.41 ng/ul  
RT: 20.37 min Scan# 3006  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.3  | 52.0  | 78.0  |
| 206     | 23.7  | 19.3  | 28.9  |

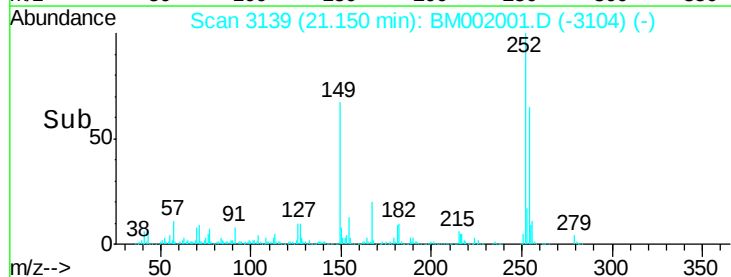
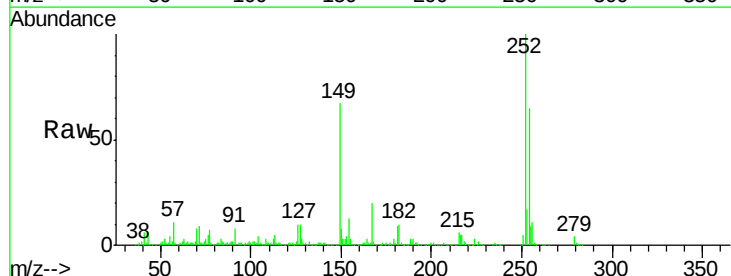
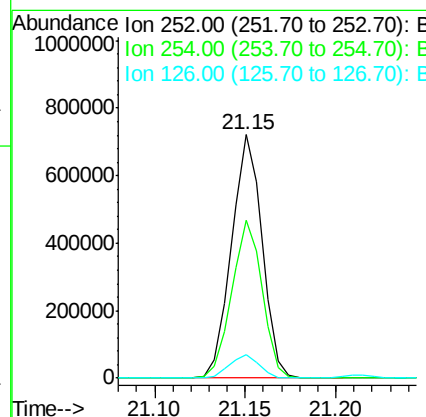
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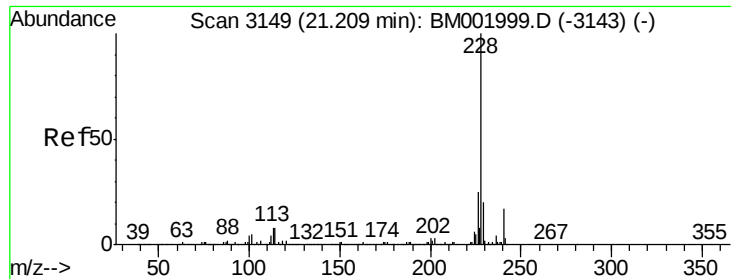
apatel  
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#81  
3,3'-Dichlorobenzidine  
Concen: 77.78 ng/ul  
RT: 21.15 min Scan# 3139  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 51.8  | 77.6  |
| 126     | 9.5   | 7.9   | 11.9  |





#82

Benzo(a)anthracene

Concen: 82.28 ng/ul

RT: 21.22 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

SSTD08064

Tgt Ion:228 Resp: 2826970

Ion Ratio Lower Upper

228 100

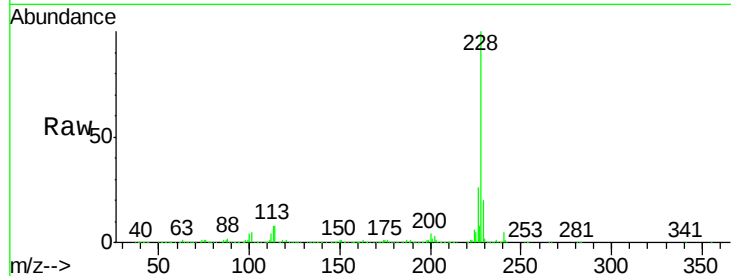
229 19.7 15.8 23.6

226 25.9 20.2 30.4

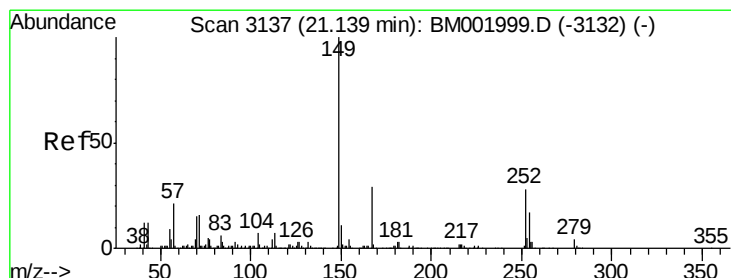
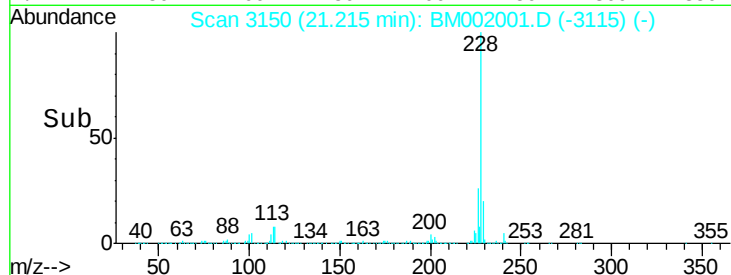
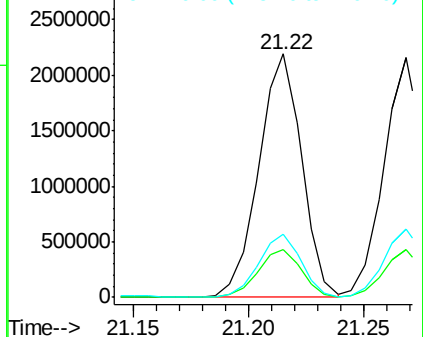
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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 229.00 (228.70 to 229.70): E  
Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 92.36 ng/ul

RT: 21.14 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

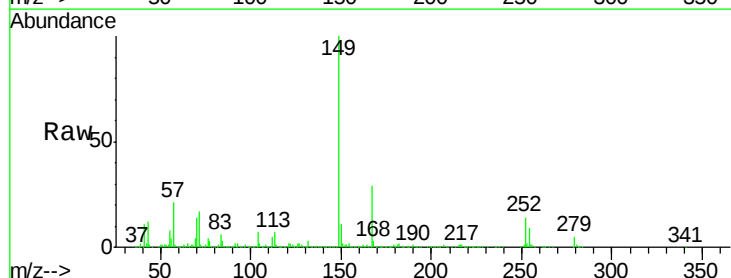
Tgt Ion:149 Resp: 1766510

Ion Ratio Lower Upper

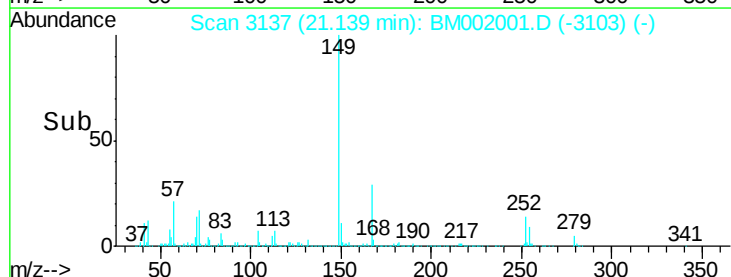
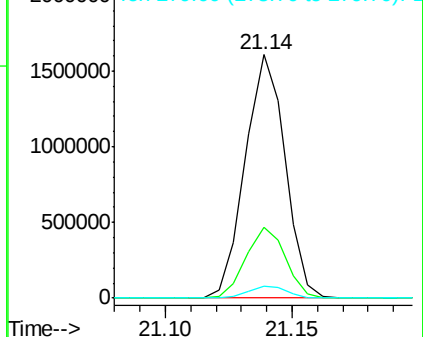
149 100

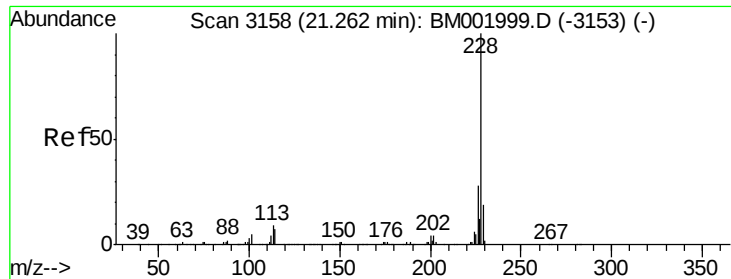
167 29.0 22.9 34.3

279 4.8 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





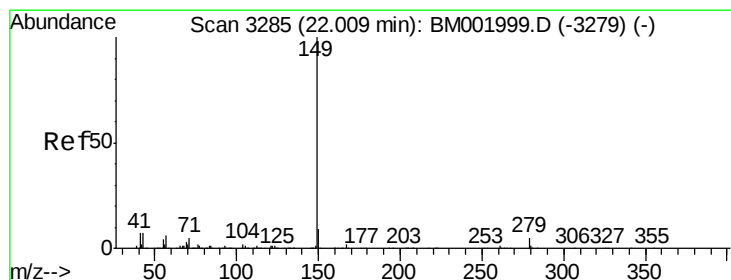
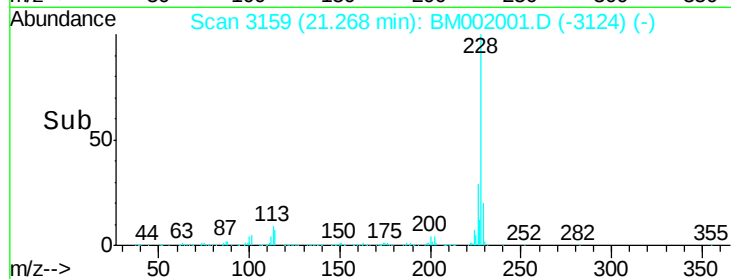
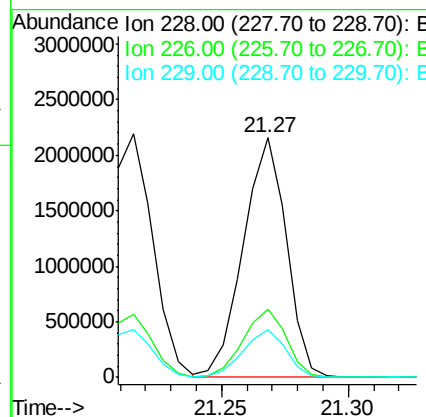
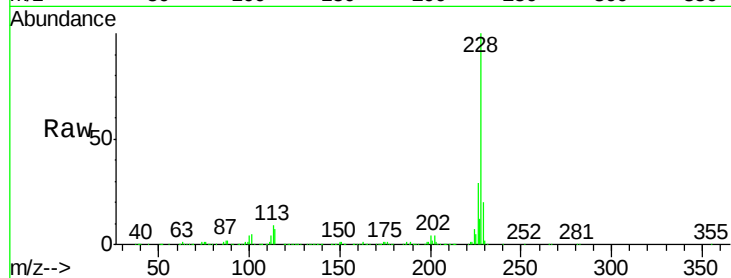
#84  
 Chrysene  
 Concen: 77.21 ng/ul  
 RT: 21.27 min Scan# 3159  
 Delta R.T. 0.01 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST08064

Tgt Ion: 228 Resp: 2554372  
 Ion Ratio Lower Upper  
 228 100  
 226 28.6 22.4 33.6  
 229 19.8 15.2 22.8

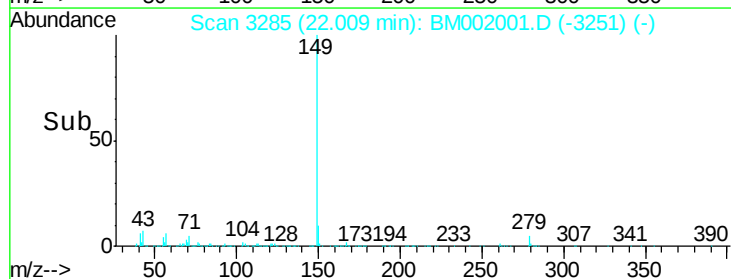
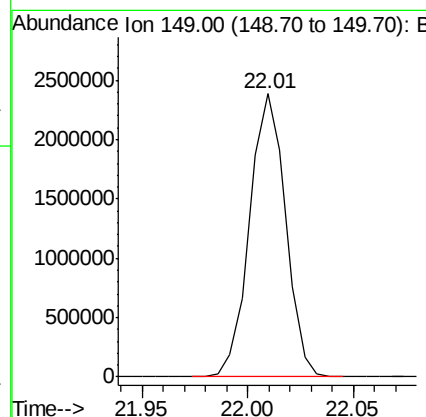
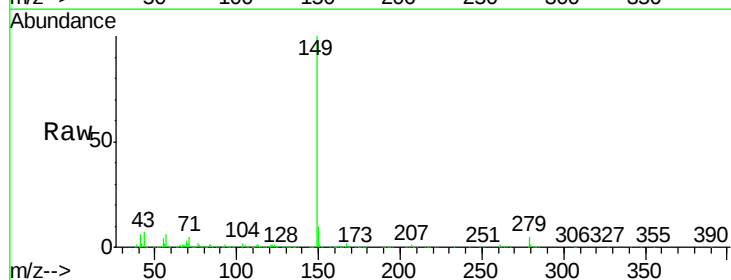
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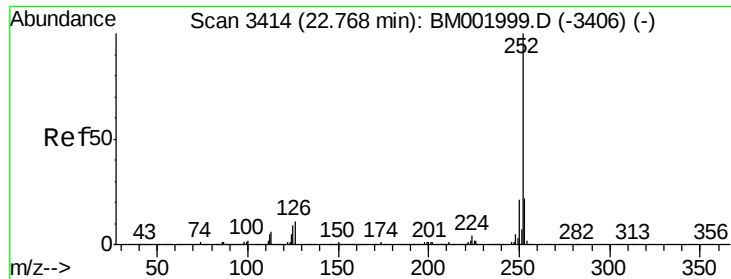
apatel  
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#86  
 Di-n-octyl phthalate  
 Concen: 117.04 ng/ul  
 RT: 22.01 min Scan# 3285  
 Delta R.T. 0.00 min  
 Lab File: BM002001.D  
 Acq: 22 Jul 2015 00:22

Tgt Ion: 149 Resp: 2816633





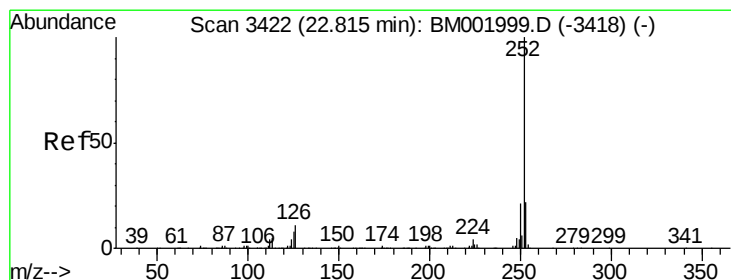
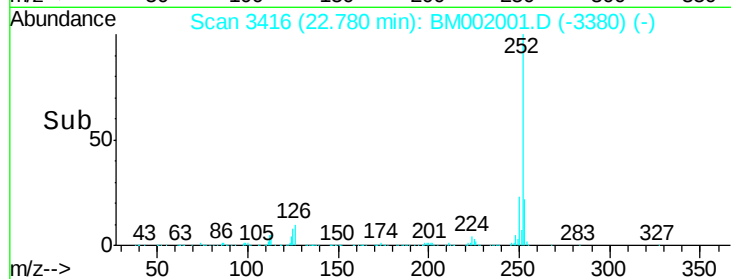
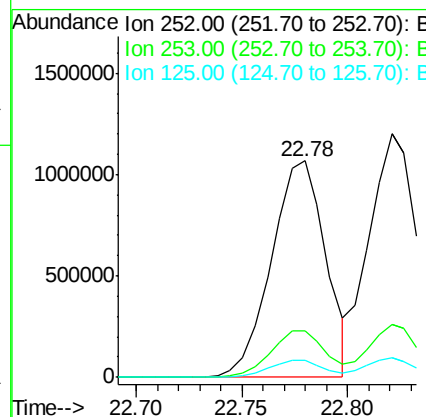
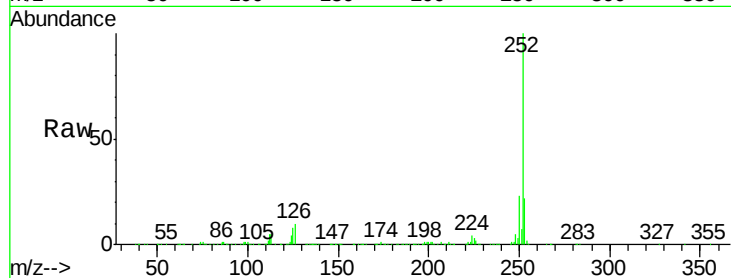
#87  
Benzo(b)fluoranthene  
Concen: 78.05 ng/ul  
RT: 22.78 min Scan# 3416  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.4  | 26.2  |
| 125     | 7.8   | 7.0   | 10.4  |

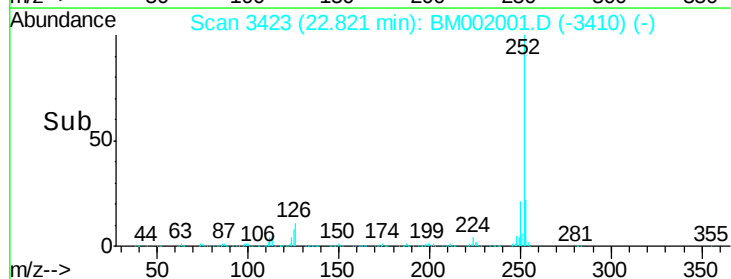
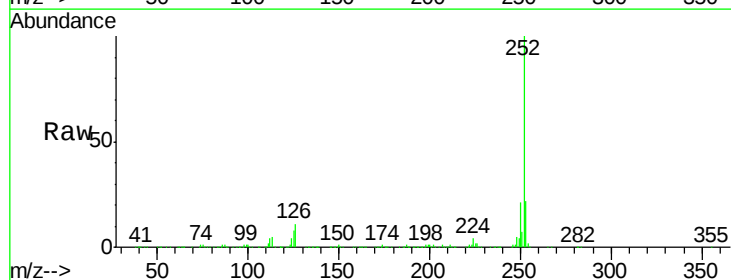
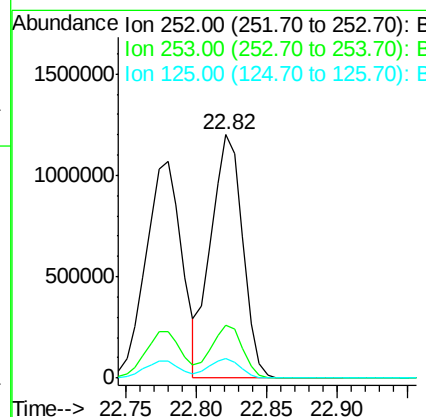
Manual Integrations  
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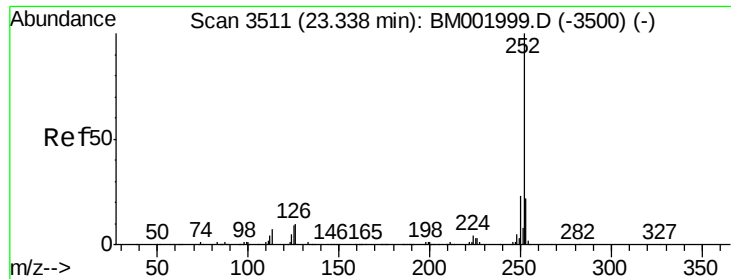
apatel  
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#88  
Benzo(k)fluoranthene  
Concen: 81.29 ng/ul  
RT: 22.82 min Scan# 3423  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.4  | 26.0  |
| 125     | 7.9   | 6.7   | 10.1  |





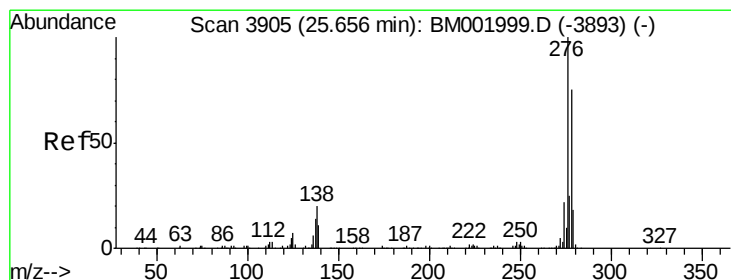
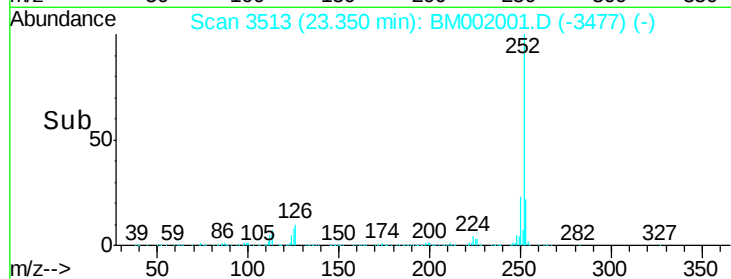
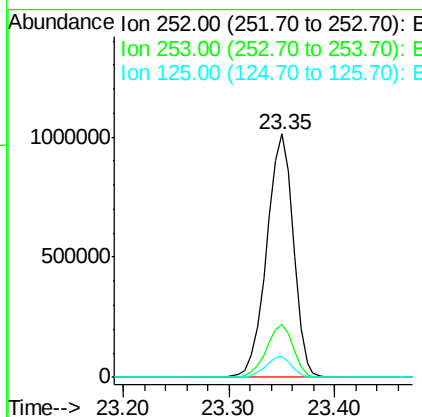
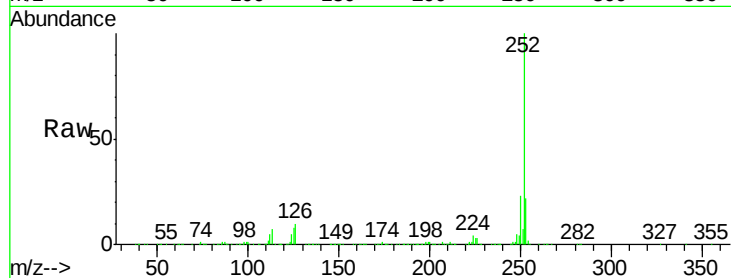
#90  
Benzo(a)pyrene  
Concen: 84.38 ng/u1  
RT: 23.35 min Scan# 3513  
Delta R.T. 0.01 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08064

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.8  | 26.6  |
| 125     | 8.4   | 7.0   | 10.4  |

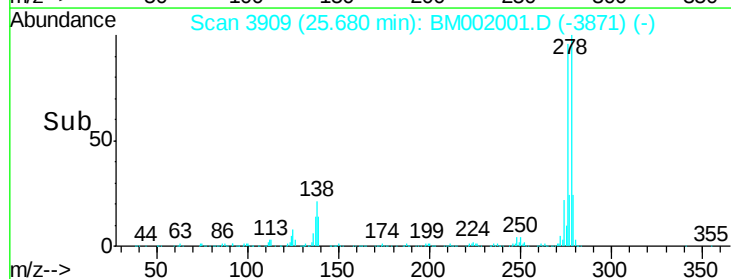
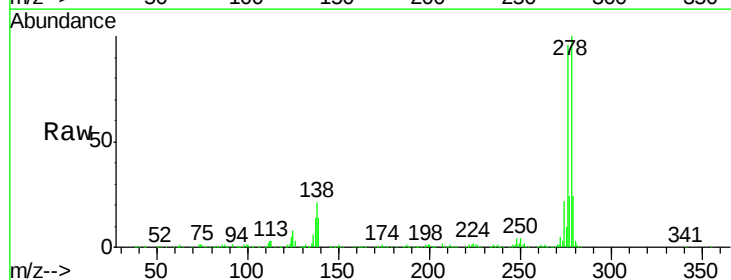
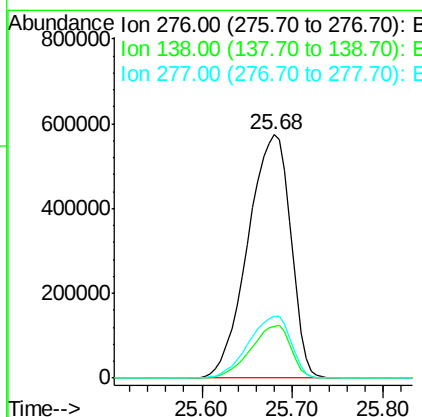
Manual Integrations  
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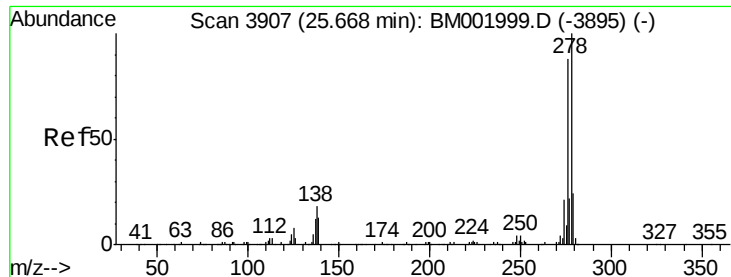
apatel  
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#91  
Indeno(1,2,3-cd)pyrene  
Concen: 83.62 ng/u1  
RT: 25.68 min Scan# 3909  
Delta R.T. 0.02 min  
Lab File: BM002001.D  
Acq: 22 Jul 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.4  | 15.8  | 23.8  |
| 277     | 25.3  | 19.9  | 29.9  |





#92

Dibenzo(a,h)anthracene

Concen: 84.48 ng/ul

RT: 25.69 min Scan# 3910

Delta R.T. 0.02 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

SSTD08064

Tgt Ion:278 Resp: 1610264

Ion Ratio Lower Upper

278 100

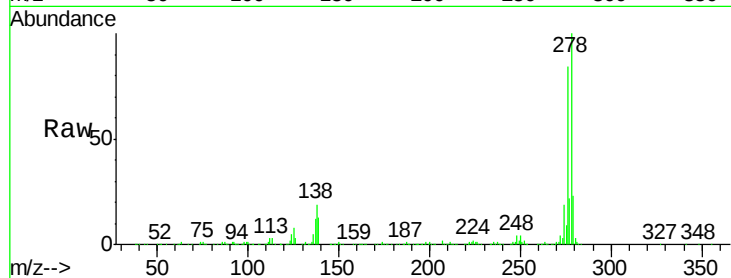
139 13.4 10.1 15.1

279 23.5 19.3 28.9

Manual Integrations  
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apatel

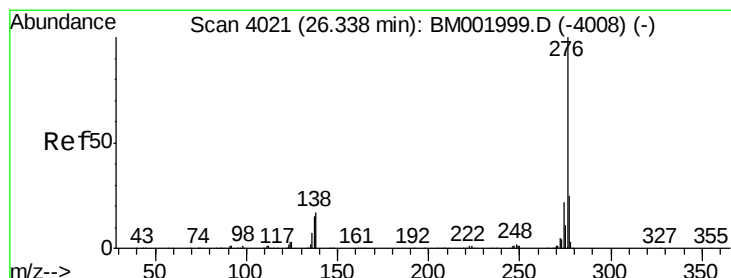
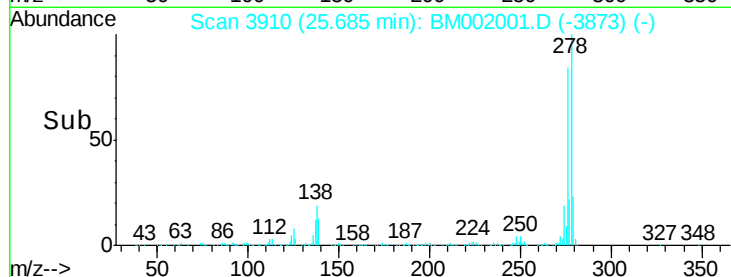
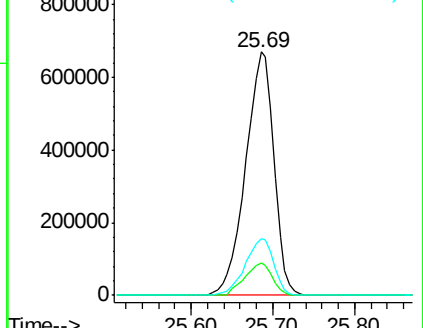
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 83.02 ng/ul

RT: 26.36 min Scan# 4025

Delta R.T. 0.02 min

Lab File: BM002001.D

Acq: 22 Jul 2015 00:22

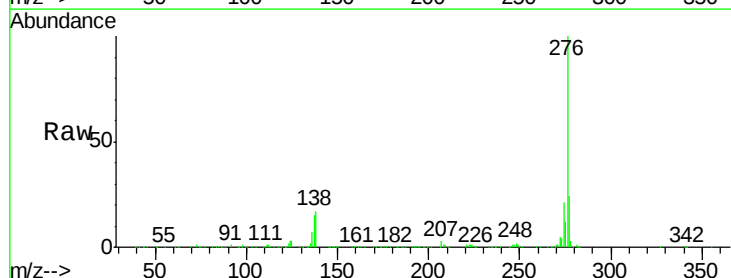
Tgt Ion:276 Resp: 1545184

Ion Ratio Lower Upper

276 100

138 17.2 13.3 19.9

277 23.6 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

