

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\  
 Data File : BF080920.D  
 Acq On : 7 Aug 2015 11:44  
 Operator : TP/UM  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

MMDadoda  
 8/10/2015 7:17:29 PM

Quant Time: Aug 08 00:33:46 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 07 23:54:48 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.81  | 152  | 49379    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 205739   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 103440   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.32 | 188  | 204362   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.96 | 240  | 178326   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.36 | 264  | 175781   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |      |
|-----------------------------|-------|-----|--------|-------|----|------|
| System Monitoring Compounds |       |     |        |       |    |      |
| 5) 2-Fluorophenol           | 5.38  | 112 | 241992 | 80.07 | ng | 0.00 |
| 7) Phenol-d6                | 6.44  | 99  | 359065 | 86.70 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.38  | 82  | 353635 | 81.30 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.64 | 330 | 96611  | 85.02 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.17  | 172 | 547766 | 74.55 | ng | 0.00 |
| 78) Terphenyl-d14           | 12.91 | 244 | 672349 | 77.88 | ng | 0.00 |

|                                |      |     |        |        |    |     |
|--------------------------------|------|-----|--------|--------|----|-----|
| Target Compounds               |      |     |        | Qvalue |    |     |
| 2) 1,4-Dioxane                 | 2.32 | 88  | 58475  | 40.79  | ng | 100 |
| 3) Pyridine                    | 3.02 | 79  | 156119 | 38.14  | ng | 100 |
| 4) n-Nitrosodimethylamine      | 2.97 | 42  | 86620  | 41.74  | ng | 100 |
| 6) Aniline                     | 6.46 | 93  | 239579 | 39.37  | ng | 100 |
| 8) 2-Chlorophenol              | 6.59 | 128 | 150947 | 43.16  | ng | 100 |
| 9) Benzaldehyde                | 6.35 | 77  | 117504 | 41.87  | ng | 100 |
| 10) Phenol                     | 6.45 | 94  | 226951 | 46.19  | ng | 100 |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 148975 | 40.61  | ng | 100 |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 157193 | 42.36  | ng | 100 |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 149181 | 38.68  | ng | 100 |
| 14) 1,2-Dichlorobenzene        | 6.98 | 146 | 146294 | 41.96  | ng | 100 |
| 15) Benzyl Alcohol             | 6.96 | 79  | 147932 | 43.65  | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 289290 | 39.19  | ng | 100 |
| 17) 2-Methylphenol             | 7.07 | 107 | 123556 | 41.39  | ng | 100 |
| 18) Hexachloroethane           | 7.32 | 117 | 59779  | 40.46  | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 126518 | 41.80  | ng | 100 |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 140647 | 37.51  | ng | 100 |
| 22) Acetophenone               | 7.22 | 105 | 187183 | 37.13  | ng | 100 |
| 24) Nitrobenzene               | 7.39 | 77  | 155028 | 34.62  | ng | 100 |
| 25) Isophorone                 | 7.64 | 82  | 327588 | 39.16  | ng | 100 |
| 26) 2-Nitrophenol              | 7.71 | 139 | 75429  | 40.03  | ng | 100 |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 142376 | 40.36  | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 174796 | 34.81  | ng | 100 |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 112898 | 38.94  | ng | 100 |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 130418 | 41.16  | ng | 100 |
| 31) Naphthalene                | 8.12 | 128 | 446949 | 39.41  | ng | 100 |
| 32) Benzoic acid               | 7.87 | 122 | 76184  | 35.91  | ng | 100 |
| 33) 4-Chloroaniline            | 8.17 | 127 | 193538 | 41.99  | ng | 100 |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 68197  | 36.17  | ng | 100 |
| 35) Caprolactam                | 8.54 | 113 | 44611  | 44.05  | ng | 100 |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 140858 | 39.82  | ng | 100 |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 279842 | 38.77  | ng | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 121668 | 38.15  | ng | 100 |
| 40) Hexachlorocyclopentadiene  | 8.97 | 237 | 70454  | 40.49  | ng | 100 |

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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

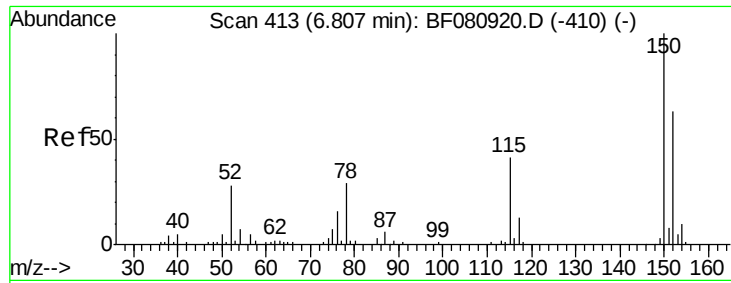
MMDadoda  
 8/10/2015 7:17:29 PM

Quant Time: Aug 08 00:33:46 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 07 23:54:48 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.08  | 196  | 83451    | 35.10 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 88847    | 38.99 | nq    | 100      |
| 45) 1,1'-Biphenyl              | 9.28  | 154  | 354085   | 39.89 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 9.30  | 162  | 274027   | 39.59 | nq    | 100      |
| 47) 2-Nitroaniline             | 9.39  | 65   | 114024   | 41.09 | nq    | 100      |
| 48) Acenaphthylene             | 9.71  | 152  | 478739   | 39.79 | nq    | 100      |
| 49) Dimethylphthalate          | 9.57  | 163  | 291030   | 33.87 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 64588    | 36.38 | nq    | 100      |
| 51) Acenaphthene               | 9.88  | 154  | 295167   | 40.05 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.80  | 138  | 86502    | 39.53 | nq    | 100      |
| 53) 2,4-Dinitrophenol          | 9.90  | 184  | 39838    | 42.51 | nq    | 100      |
| 54) Dibenzofuran               | 10.05 | 168  | 396365   | 39.78 | nq    | 100      |
| 55) 4-Nitrophenol              | 9.96  | 139  | 71425    | 43.60 | nq    | 100      |
| 56) 2,4-Dinitrotoluene         | 10.03 | 165  | 85117    | 35.83 | nq    | 100      |
| 57) Fluorene                   | 10.40 | 166  | 310119   | 40.23 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 72065m   | 38.51 | nq    |          |
| 59) Diethylphthalate           | 10.27 | 149  | 325641   | 36.41 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.38 | 204  | 126646   | 33.72 | nq    | 100      |
| 61) 4-Nitroaniline             | 10.41 | 138  | 90456    | 40.17 | nq    | 100      |
| 62) Azobenzene                 | 10.54 | 77   | 373252   | 37.32 | nq    | 100      |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 55923    | 44.15 | nq    | 100      |
| 65) n-Nitrosodiphenylamine     | 10.51 | 169  | 296203   | 41.72 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.88 | 248  | 85026    | 39.28 | nq    | 100      |
| 67) Hexachlorobenzene          | 10.94 | 284  | 92925    | 38.62 | nq    | 100      |
| 68) Atrazine                   | 11.04 | 200  | 86510    | 41.56 | nq    | 100      |
| 69) Pentachlorophenol          | 11.13 | 266  | 53625    | 38.32 | nq    | 100      |
| 70) Phenanthrene               | 11.36 | 178  | 454769   | 39.30 | nq    | 100      |
| 71) Anthracene                 | 11.40 | 178  | 448725   | 39.17 | nq    | 100      |
| 72) Carbazole                  | 11.56 | 167  | 459934   | 41.23 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 535368   | 38.38 | nq    | 100      |
| 74) Fluoranthene               | 12.53 | 202  | 526619   | 42.10 | nq    | 100      |
| 76) Benzidine                  | 12.66 | 184  | 322472   | 45.88 | nq    | 100      |
| 77) Pyrene                     | 12.76 | 202  | 539739   | 40.97 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 272316   | 42.88 | nq    | 100      |
| 80) Benzo(a)anthracene         | 13.95 | 228  | 463241   | 41.13 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 193021   | 47.11 | nq    | 100      |
| 82) Chrysene                   | 13.99 | 228  | 471214   | 43.69 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 383446   | 43.39 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.56 | 149  | 673959   | 44.98 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.72 | 276  | 462435   | 45.03 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 14.97 | 252  | 522183m  | 42.72 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.99 | 252  | 376971m  | 35.38 | nq    |          |
| 89) Benzo(a)pyrene             | 15.31 | 252  | 432119   | 41.13 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 16.74 | 278  | 376393   | 40.50 | nq    | 100      |
| 91) Benzo(g,h,i)perylene       | 17.13 | 276  | 374066   | 41.38 | nq    | 100      |

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





#1

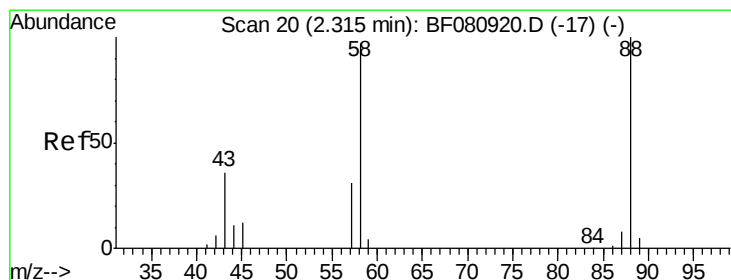
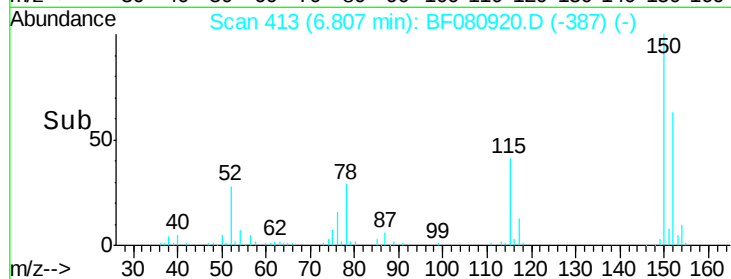
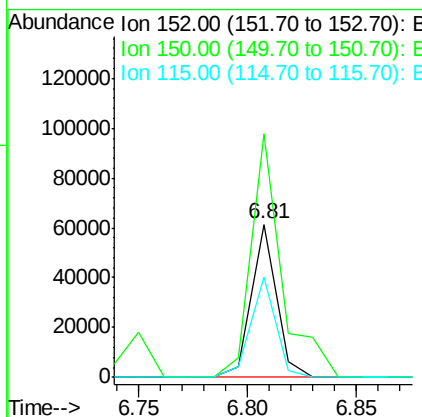
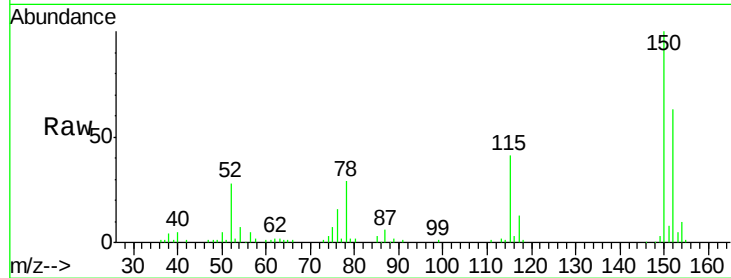
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.81 min Scan# 413  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.3 | 127.4 | 191.2 |
| 115     | 65.7  | 52.6  | 78.8  |

Manual Integrations  
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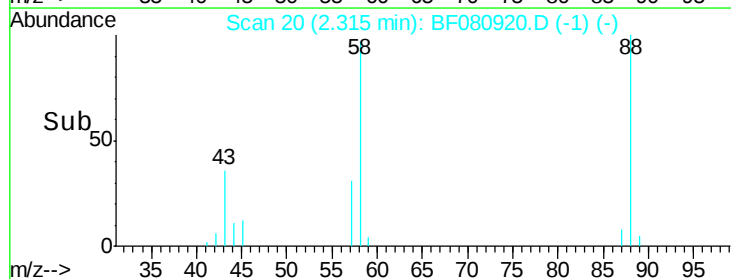
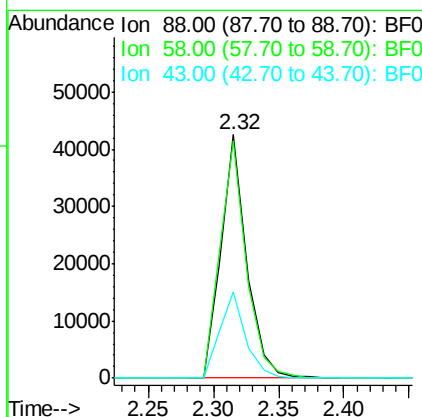
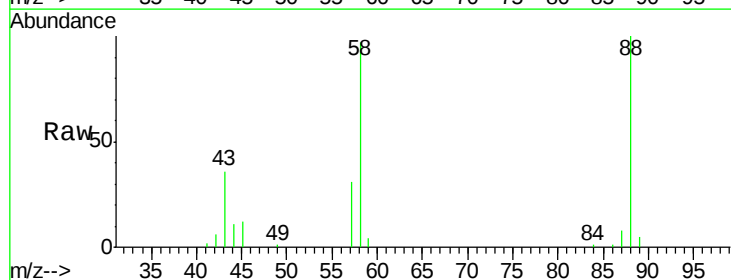
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8/10/2015 7:17:29 PM

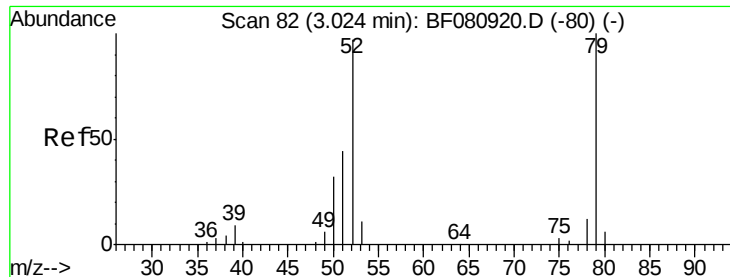


#2

1,4-Dioxane  
Concen: 40.79 ng  
RT: 2.32 min Scan# 20  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 99.1  | 79.3  | 118.9 |
| 43      | 35.4  | 28.3  | 42.5  |





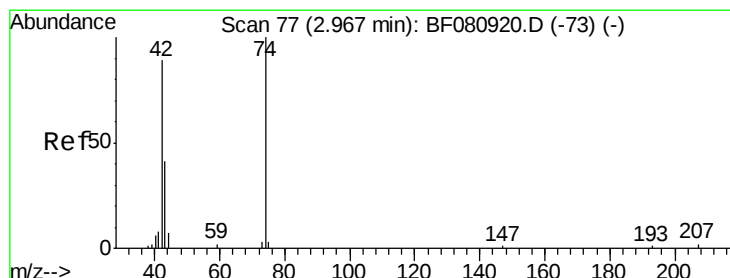
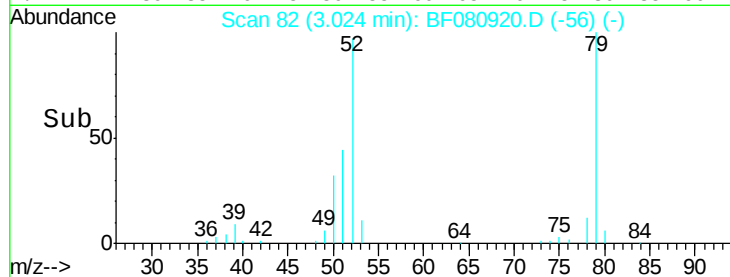
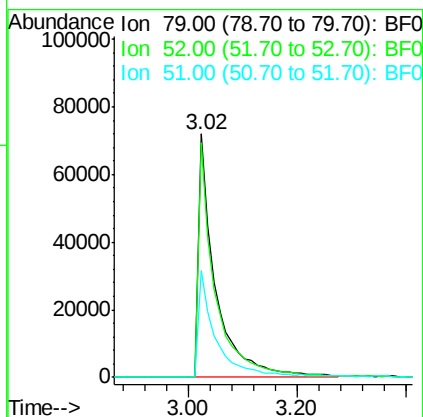
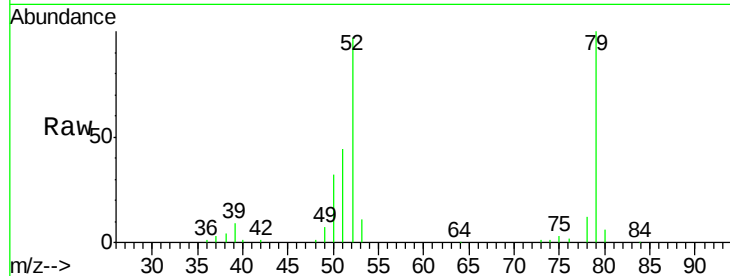
#3  
 Pvridine  
 Concen: 38.14 ng  
 RT: 3.02 min Scan# 82  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 156119 |       |       |
| 52      | 96.5  | 77.2   | 115.8 |       |
| 51      | 43.7  | 35.0   | 52.4  |       |

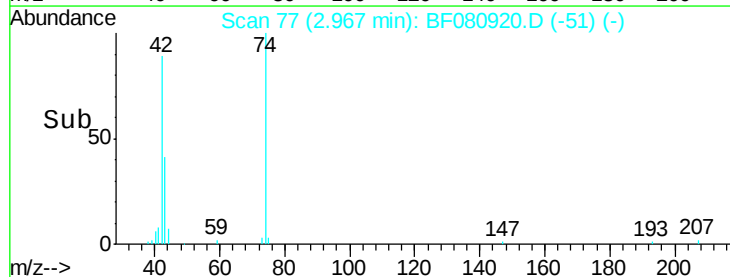
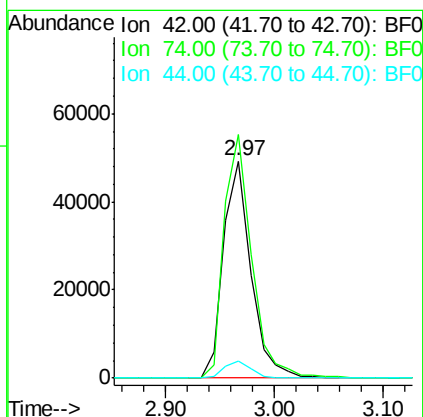
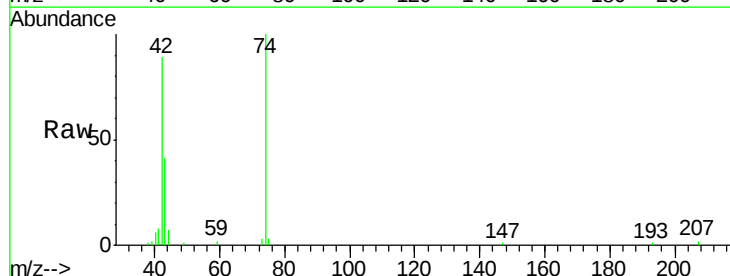
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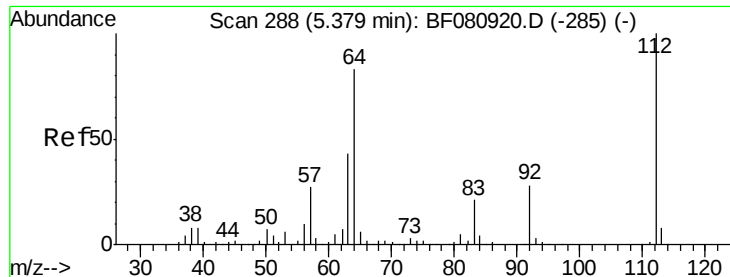
MMDadoda  
 8/10/2015 7:17:29 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 41.74 ng  
 RT: 2.97 min Scan# 77  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 42      | 100   | 86620 |       |       |
| 74      | 112.3 | 89.8  | 134.8 |       |
| 44      | 8.1   | 6.5   | 9.7   |       |





#5

2-Fluorophenol

Concen: 80.07 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

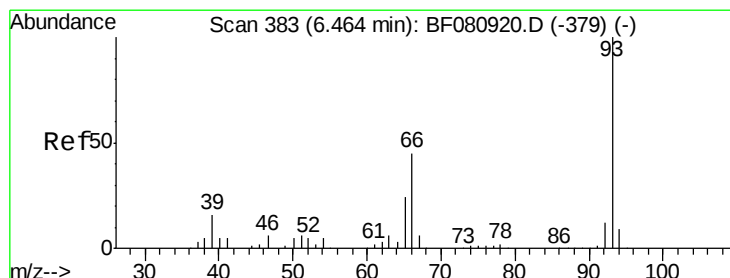
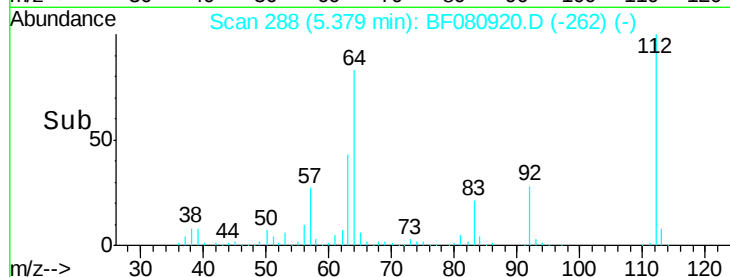
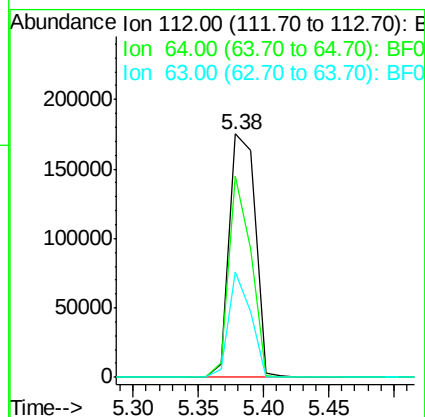
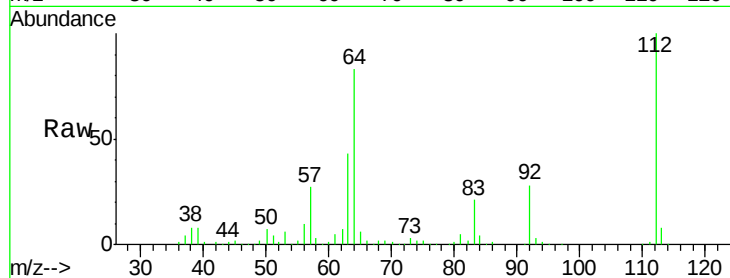
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 241992 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 82.6  | 66.1  | 99.1   |
| 63        | 43.3  | 34.6  | 52.0   |

Manual Integrations  
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#6

Aniline

Concen: 39.37 ng

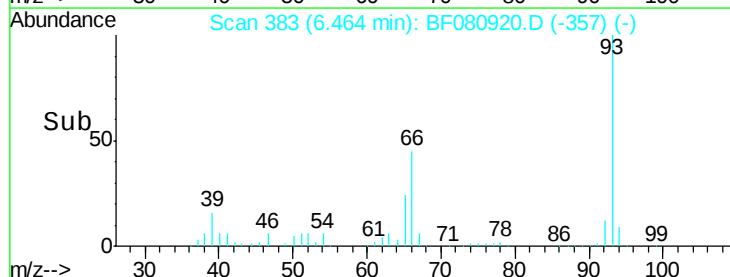
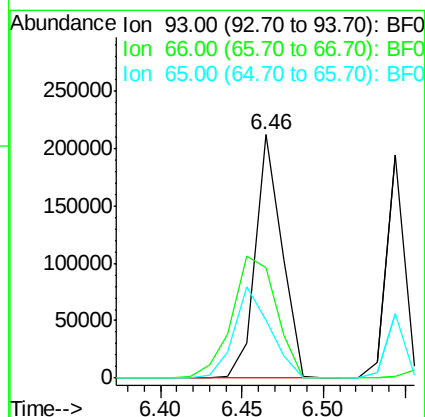
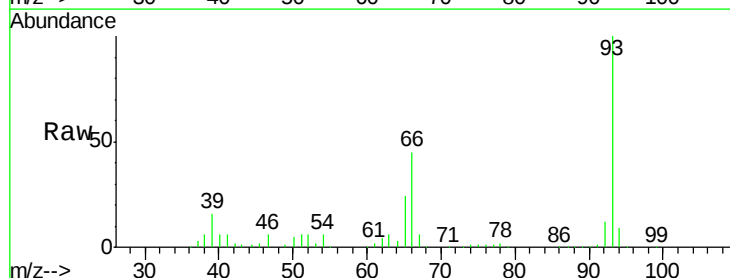
RT: 6.46 min Scan# 383

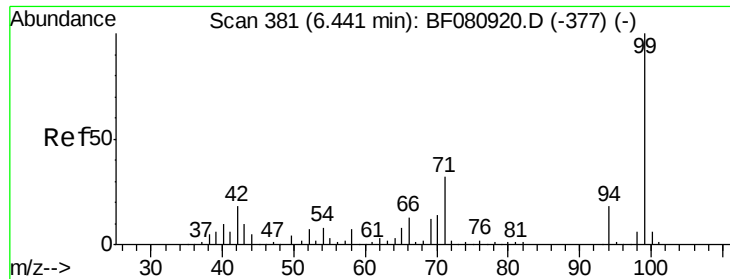
Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 239579 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 45.3  | 36.2  | 54.4   |
| 65        | 23.7  | 19.0  | 28.4   |





#7

Phenol-d6

Concen: 86.70 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

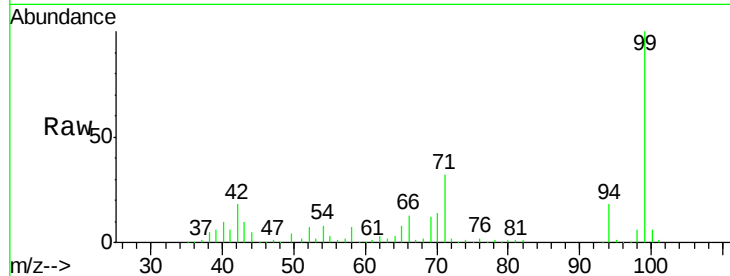
ClientSampleId :

SSTDICCC040

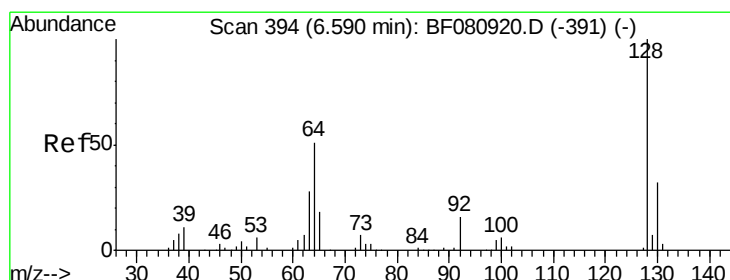
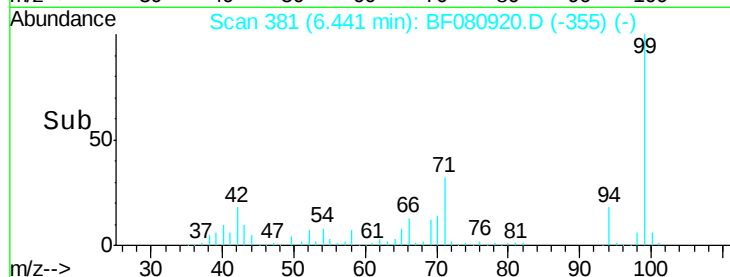
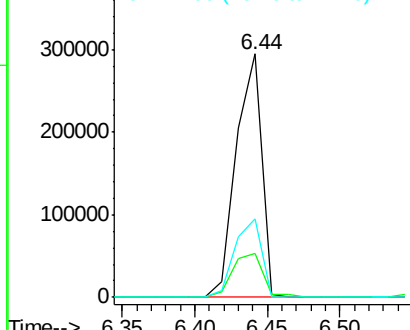
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 359065 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.0  | 14.4  | 21.6   |
| 71        | 32.3  | 25.8  | 38.8   |

Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.16 ng

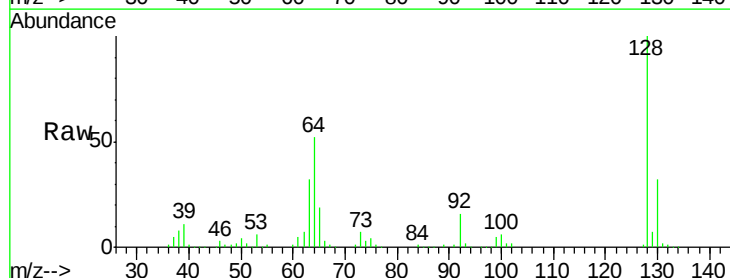
RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

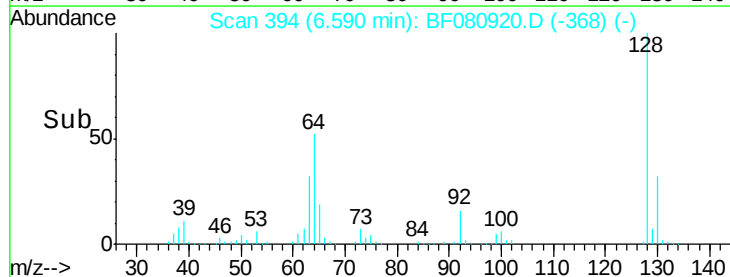
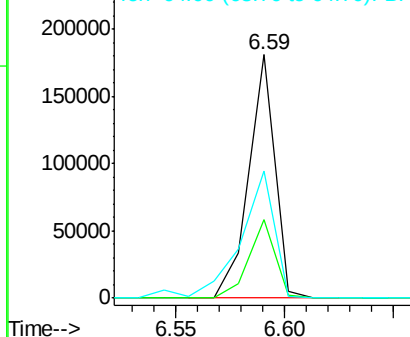
Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 150947 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.4  | 12.4  | 52.4   |
| 64        | 52.1  | 32.1  | 72.1   |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.87 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

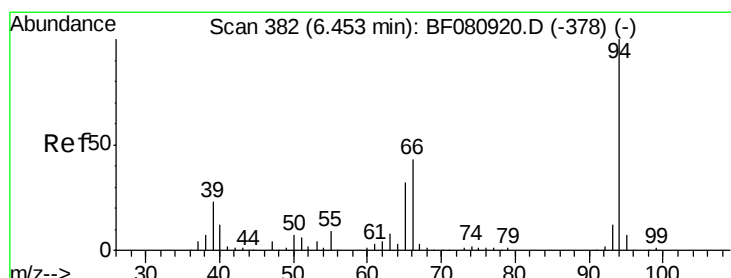
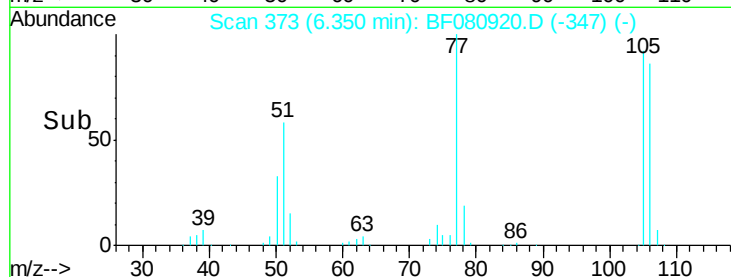
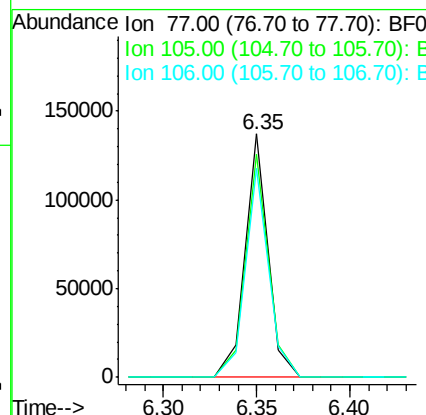
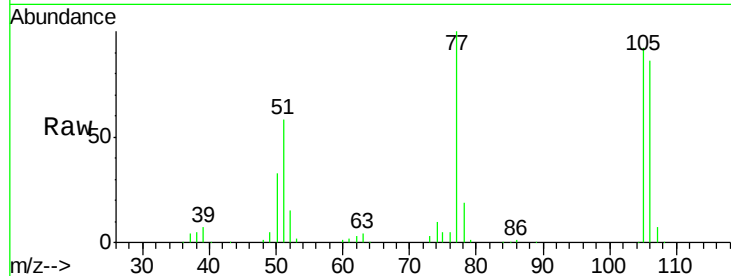
ClientSampleId :

SSTDICCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 117504 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 91.6  | 71.6  | 111.6  |
| 106      | 85.7  | 65.7  | 105.7  |

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#10

Phenol

Concen: 46.19 ng

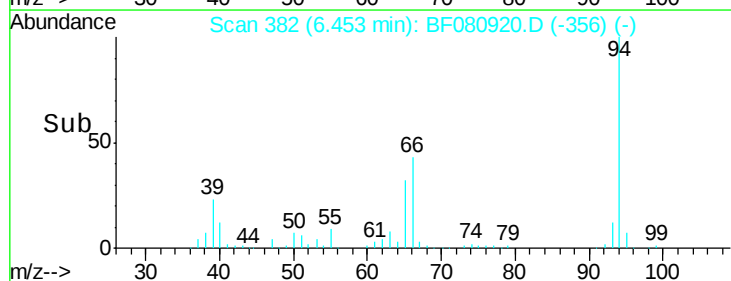
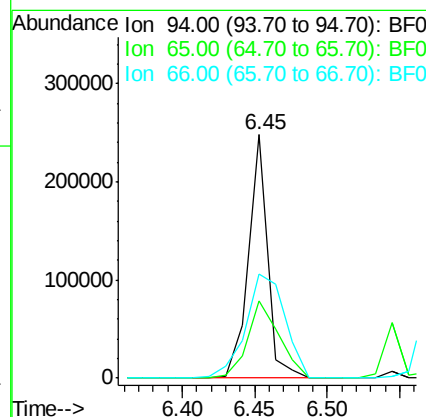
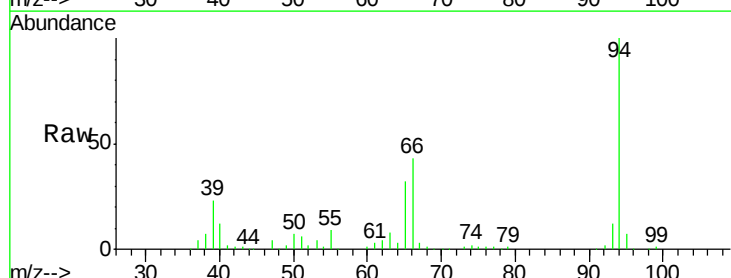
RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 226951 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 31.8  | 11.8  | 51.8   |
| 66       | 42.9  | 22.9  | 62.9   |





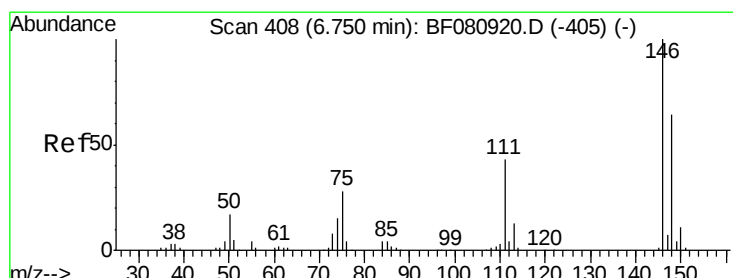
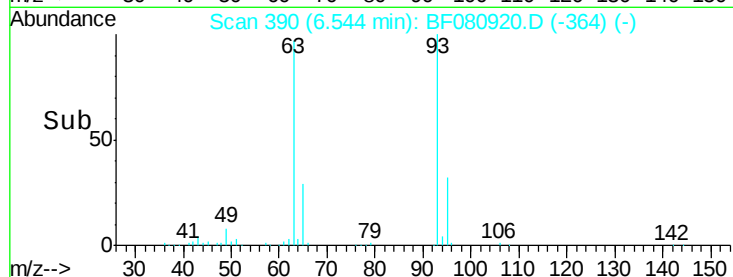
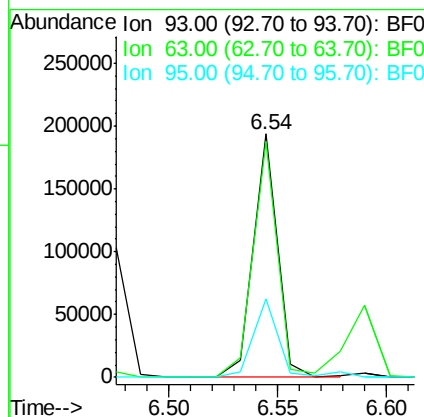
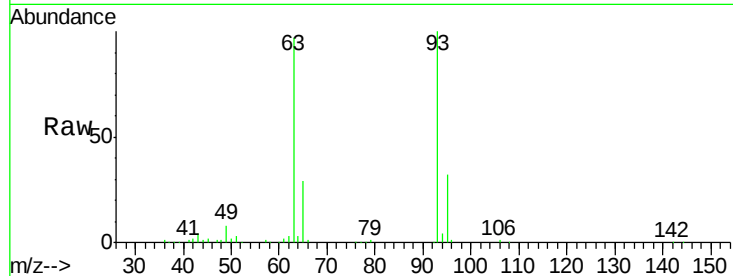
#11  
bis(2-Chloroethyl)ether  
Concen: 40.61 ng  
RT: 6.54 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 148975 |       |       |
| 63      | 96.7 | 76.7  | 116.7  |       |       |
| 95      | 32.3 | 12.3  | 52.3   |       |       |

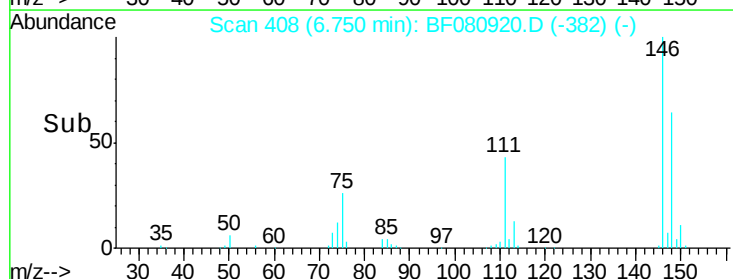
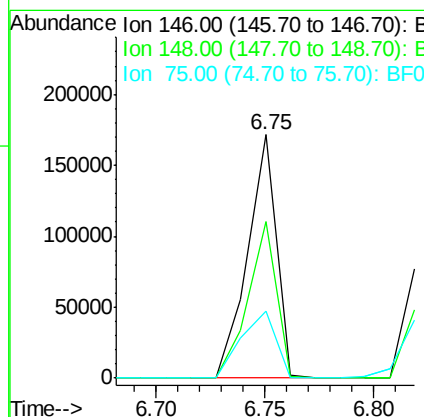
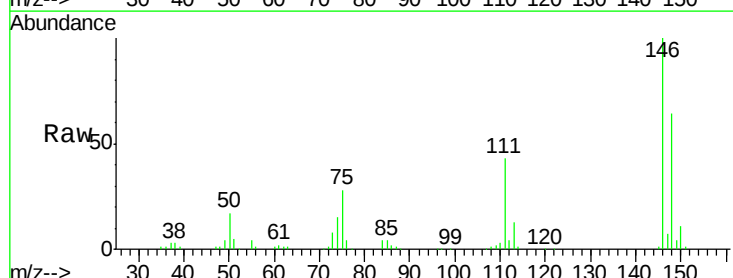
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#12  
1,3-Dichlorobenzene  
Concen: 42.36 ng  
RT: 6.75 min Scan# 408  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 157193 |       |       |
| 148     | 64.2 | 51.4  | 77.0   |       |       |
| 75      | 27.8 | 22.2  | 33.4   |       |       |





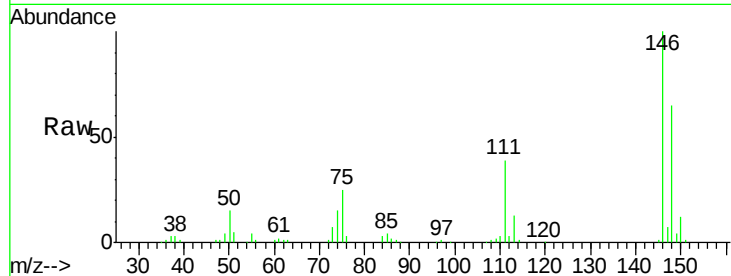
#13  
 1,4-Dichlorobenzene  
 Concen: 38.68 ng  
 RT: 6.83 min Scan# 415  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

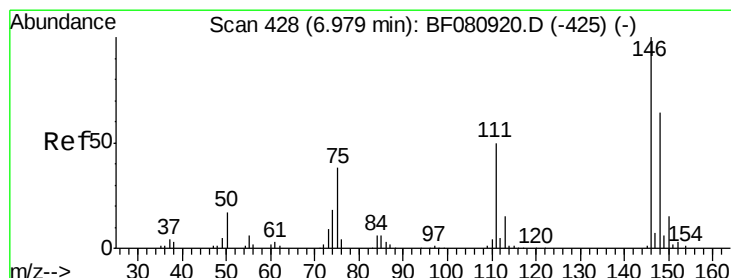
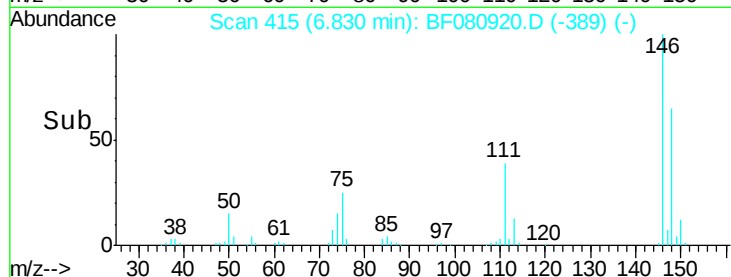
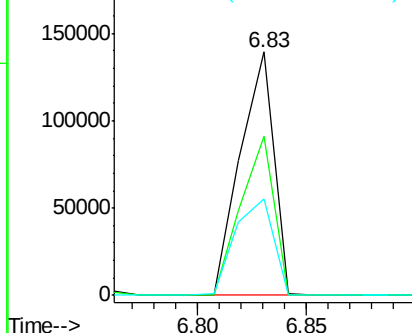
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 52.2  | 78.4  |
| 111     | 39.4  | 31.5  | 47.3  |

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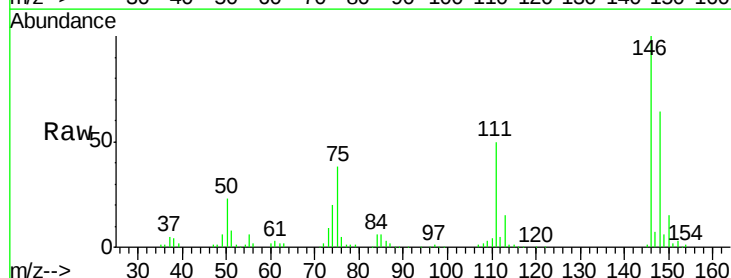


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

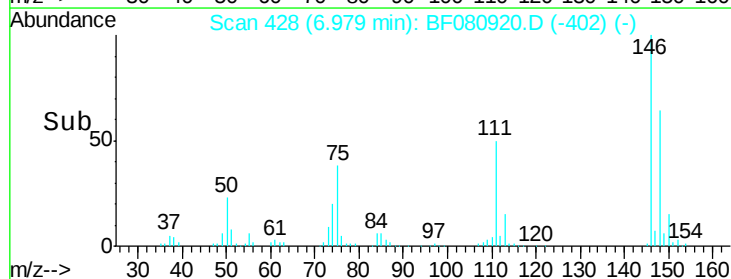
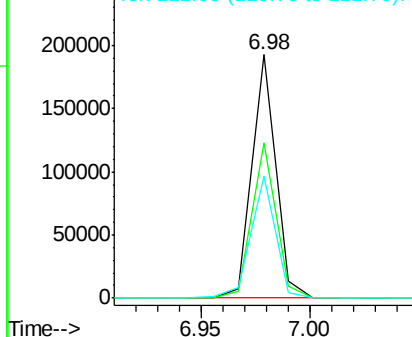


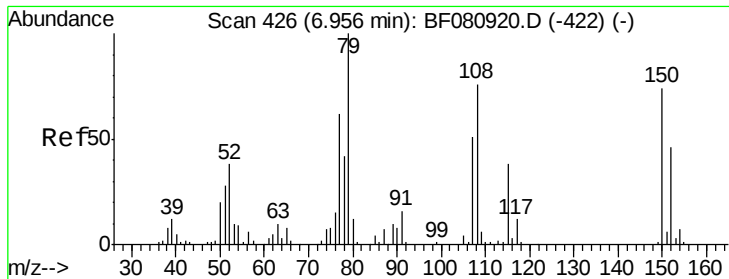
#14  
 1,2-Dichlorobenzene  
 Concen: 41.96 ng  
 RT: 6.98 min Scan# 428  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.1  | 76.7  |
| 111     | 50.0  | 40.0  | 60.0  |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





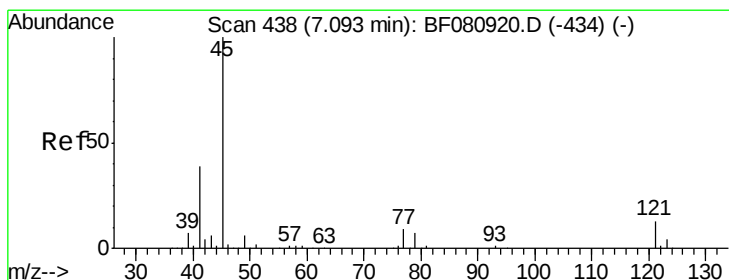
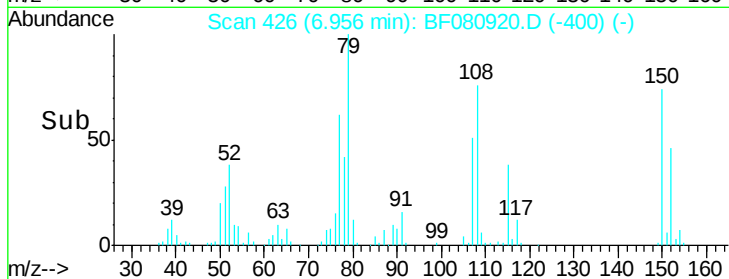
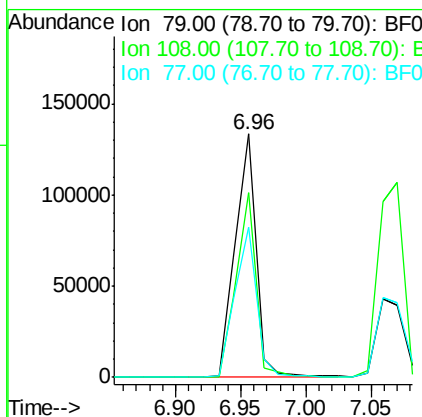
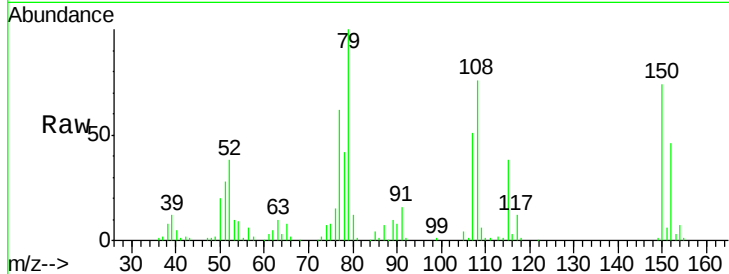
#15  
Benzyl Alcohol  
Concen: 43.65 ng  
RT: 6.96 min Scan# 426  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 76.1  | 60.9  | 91.3  |
| 77      | 61.7  | 49.4  | 74.0  |

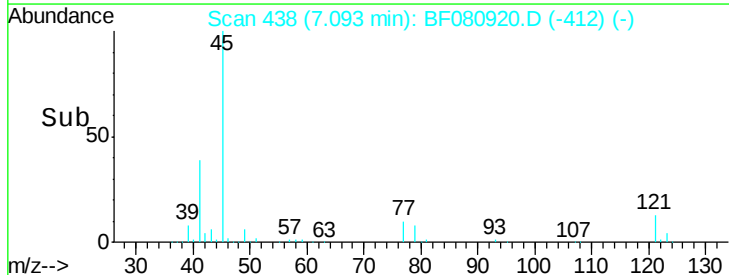
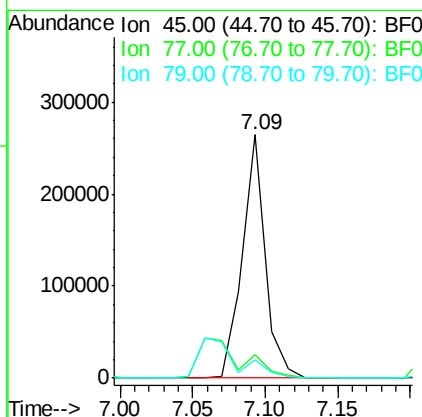
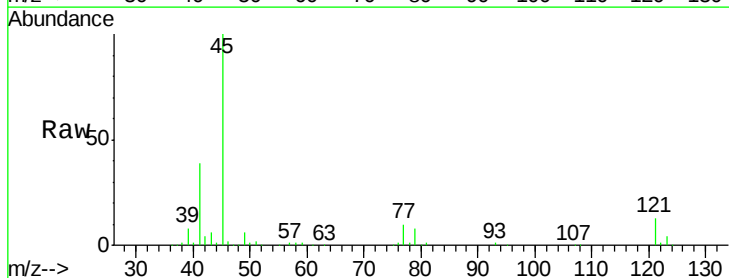
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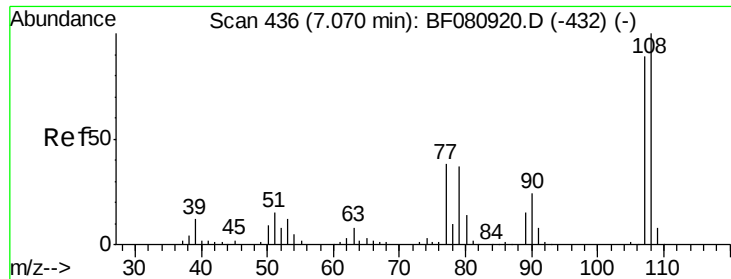
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.19 ng  
RT: 7.09 min Scan# 438  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 9.6   | 0.0   | 29.6  |
| 79      | 7.7   | 0.0   | 27.7  |





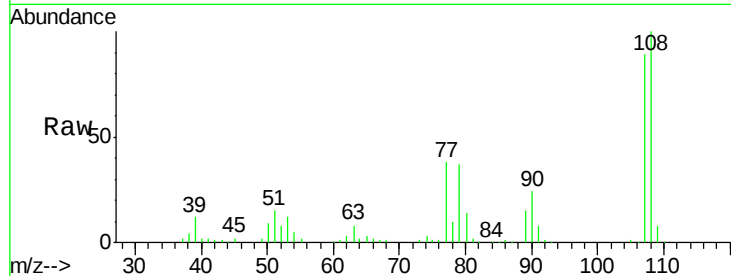
#17  
2-Methylphenol  
Concen: 41.39 ng  
RT: 7.07 min Scan# 436  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

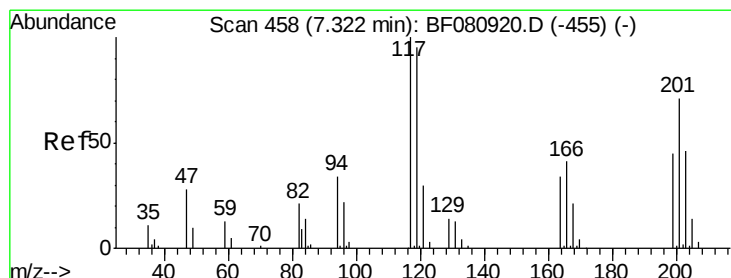
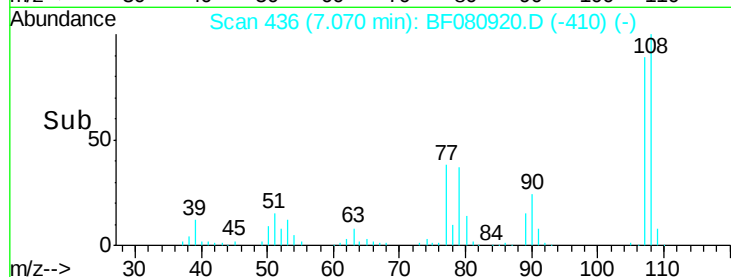
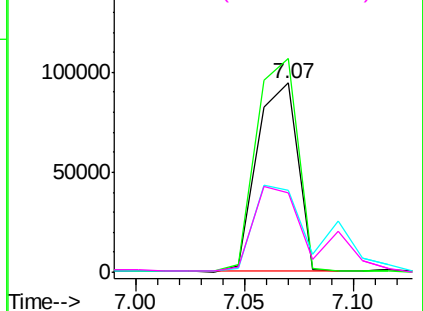
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.9 | 90.3 | 135.5 |       |
| 77      | 43.2  | 34.6 | 51.8  |       |
| 79      | 42.0  | 33.6 | 50.4  |       |

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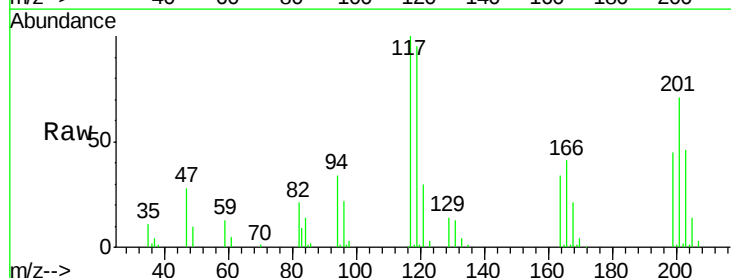


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

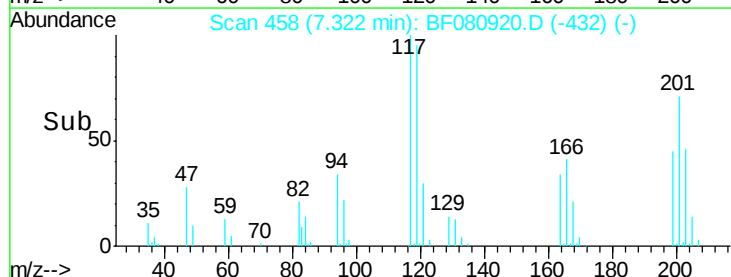
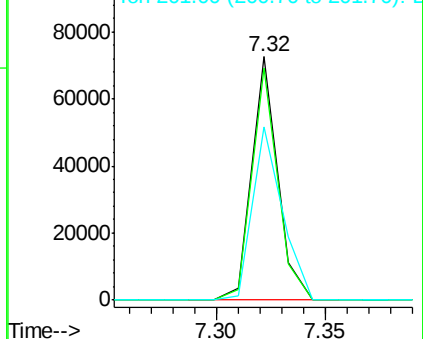


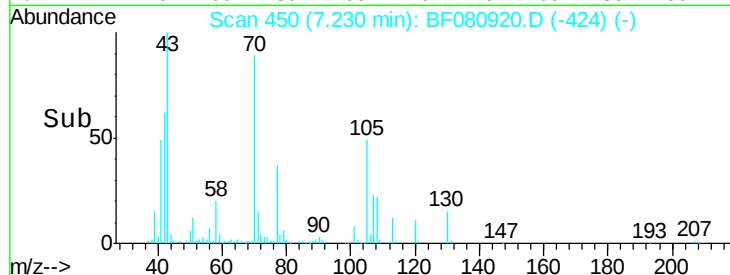
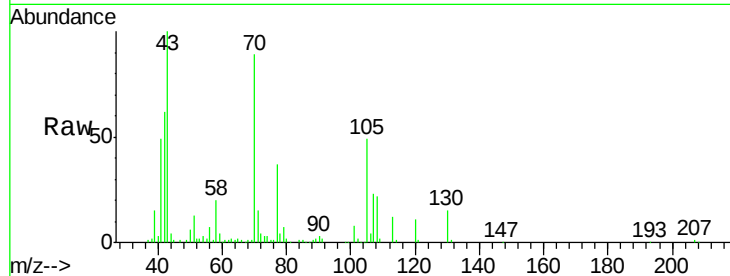
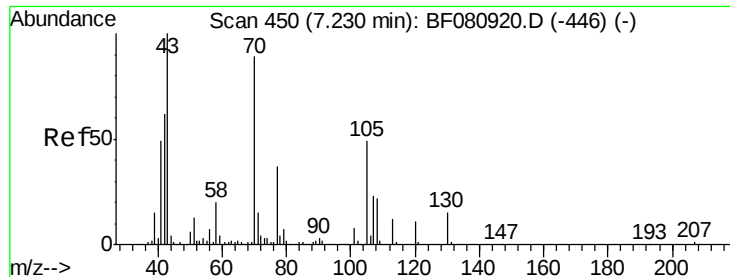
#18  
Hexachloroethane  
Concen: 40.46 ng  
RT: 7.32 min Scan# 458  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.4  | 76.3 | 114.5 |       |
| 201     | 71.3  | 57.0 | 85.6  |       |



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





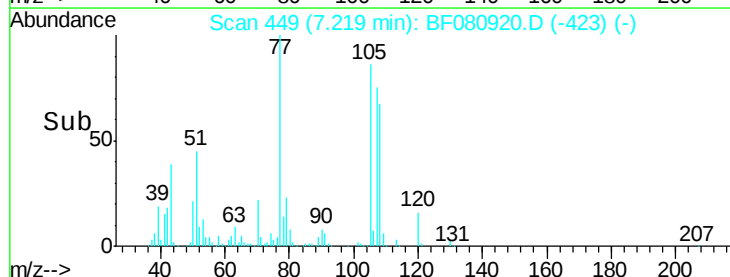
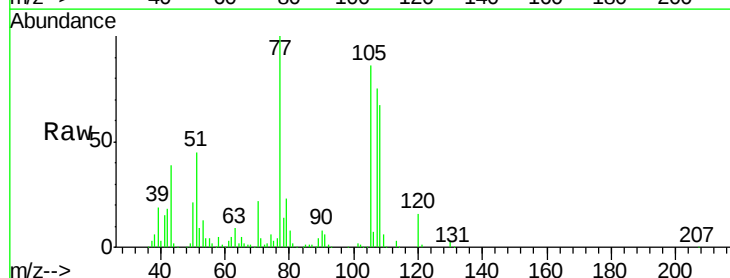
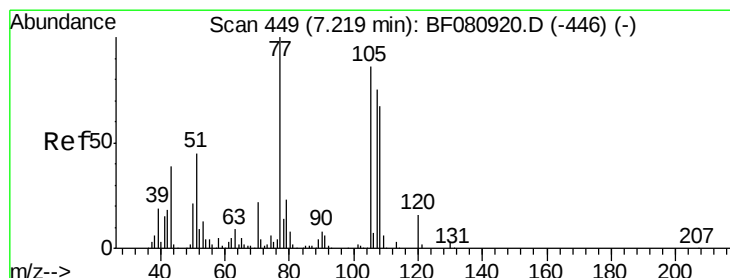
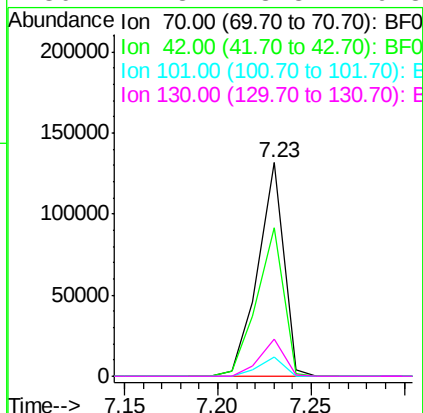
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.80 ng  
RT: 7.23 min Scan# 450  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

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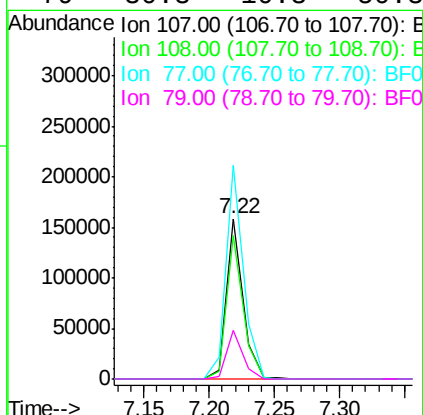
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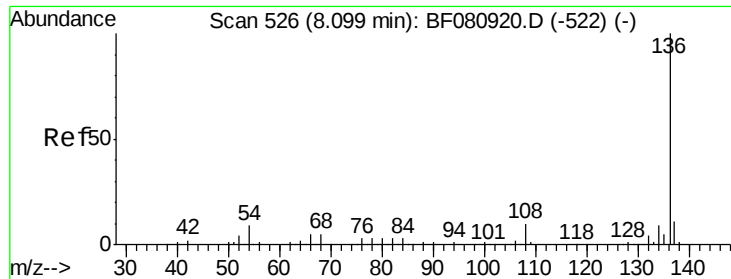
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 69.6 | 55.7  | 83.5 |       |       |
| 101     | 8.8  | 7.0   | 10.6 |       |       |
| 130     | 17.3 | 13.8  | 20.8 |       |       |



#20  
3+4-Methylphenols  
Concen: 37.51 ng  
RT: 7.22 min Scan# 449  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |       |
| 108     | 89.2  | 69.2  | 109.2 |       |       |
| 77      | 133.0 | 113.0 | 153.0 |       |       |
| 79      | 30.3  | 10.3  | 50.3  |       |       |





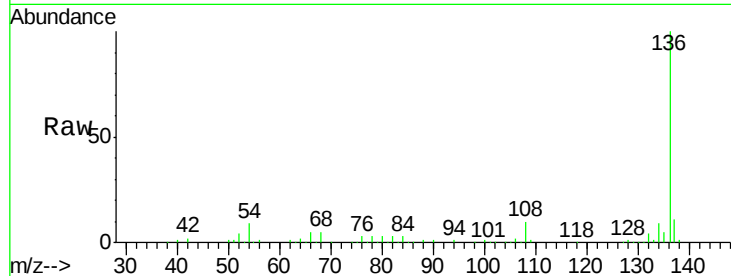
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.10 min Scan# 526  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

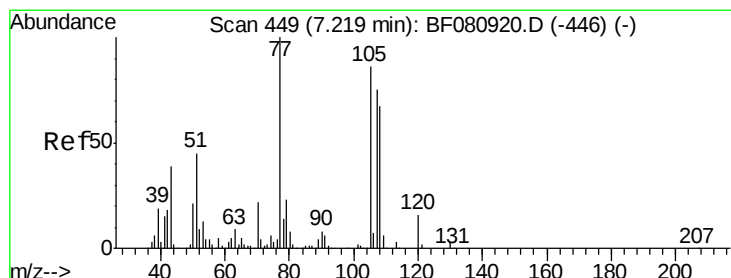
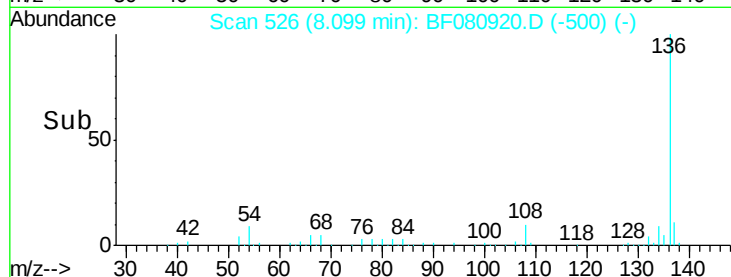
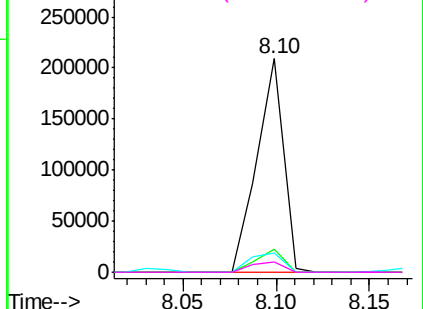
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 205739 |       |       |
| 137     | 10.6  |        | 8.5   | 12.7  |
| 54      | 8.9   |        | 7.1   | 10.7  |
| 68      | 4.8   |        | 3.8   | 5.8   |

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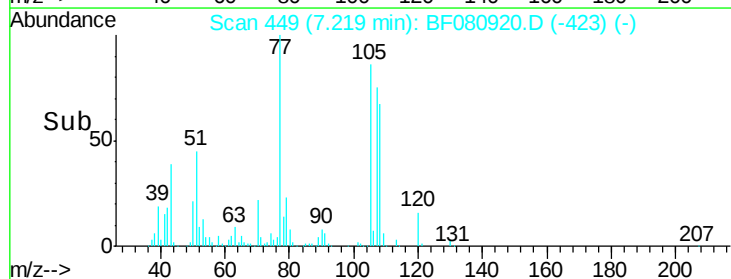
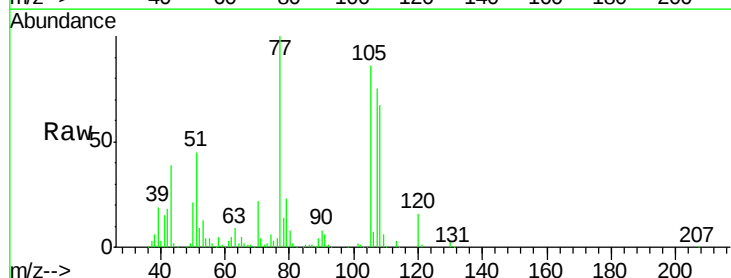
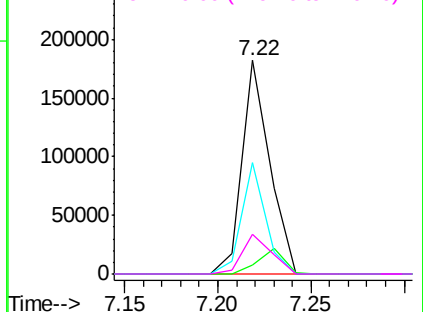
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

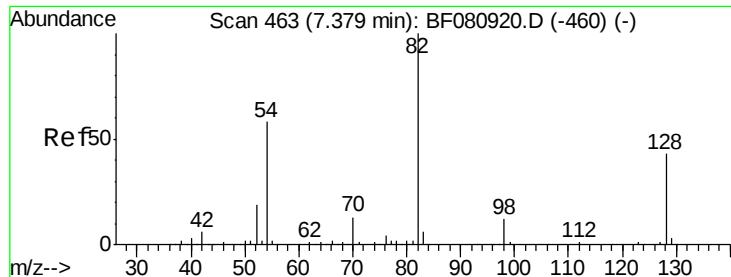


#22  
Acetophenone  
Concen: 37.13 ng  
RT: 7.22 min Scan# 449  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 187183 |       |       |
| 71      | 4.1   |        | 3.3   | 4.9   |
| 51      | 52.2  |        | 41.8  | 62.6  |
| 120     | 18.9  |        | 15.1  | 22.7  |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E





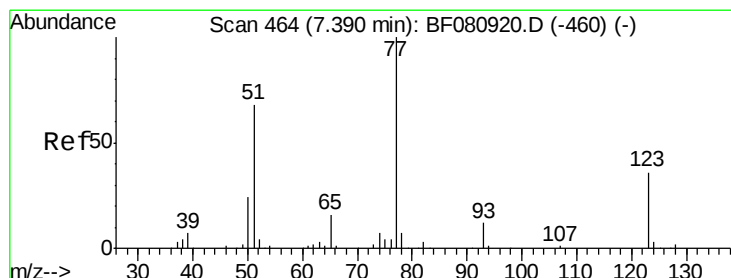
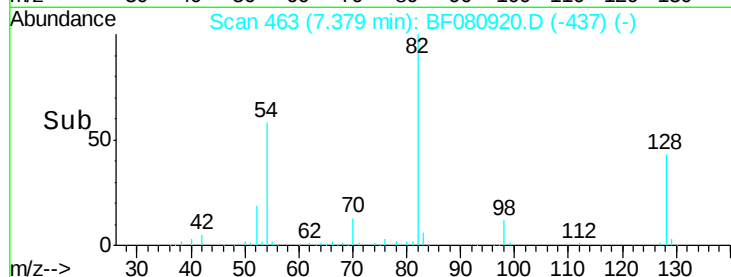
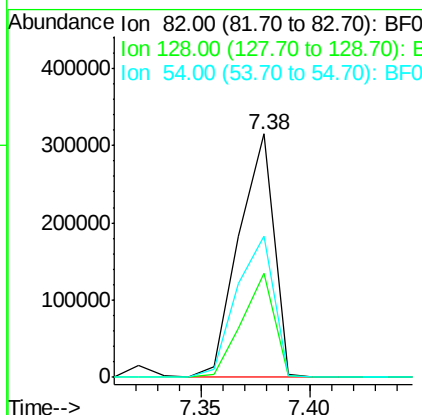
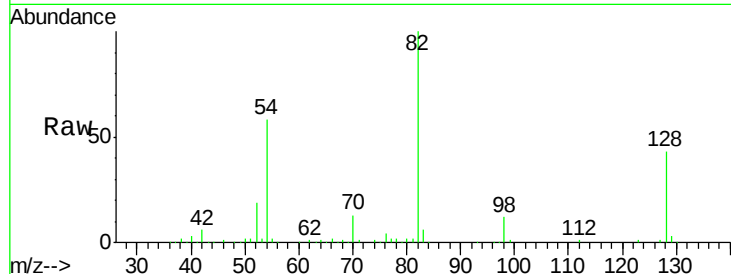
#23  
 Nitrobenzene-d5  
 Concen: 81.30 ng  
 RT: 7.38 min Scan# 463  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.6  | 34.1  | 51.1  |
| 54      | 58.1  | 46.5  | 69.7  |

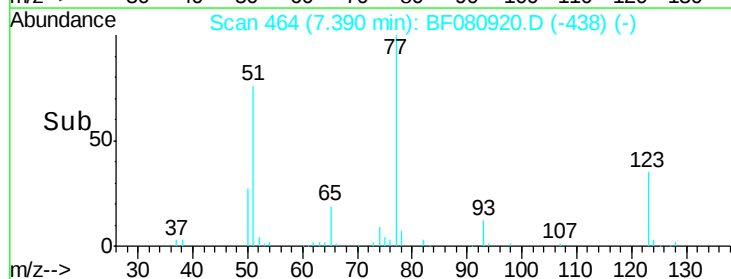
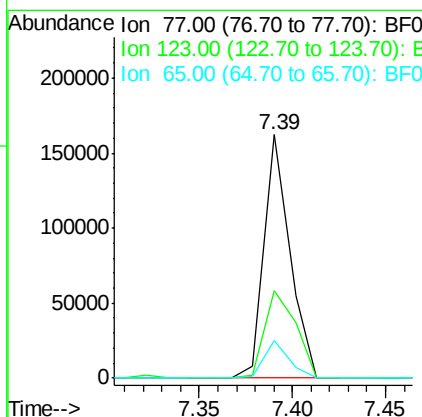
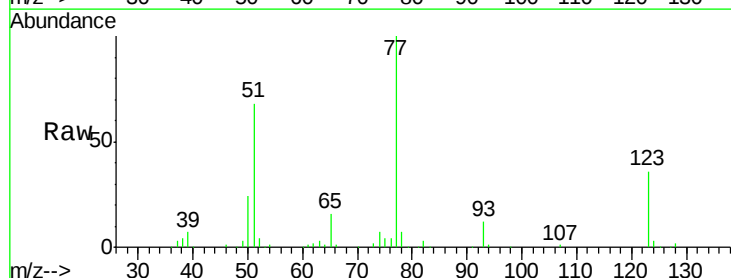
Manual Integrations  
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#24  
 Nitrobenzene  
 Concen: 34.62 ng  
 RT: 7.39 min Scan# 464  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 35.9  | 28.7  | 43.1  |
| 65      | 15.6  | 12.5  | 18.7  |





#25

Isophorone

Concen: 39.16 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 327588

Ion Ratio Lower Upper

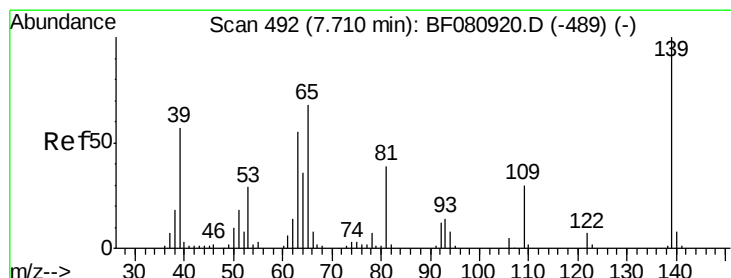
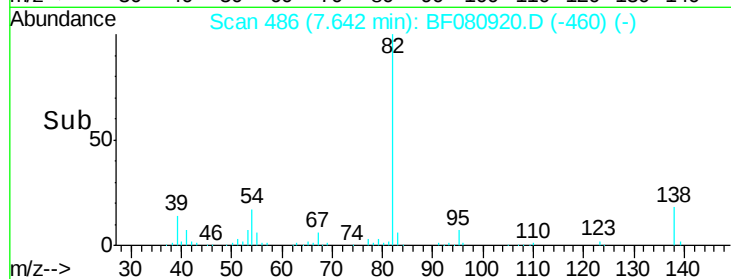
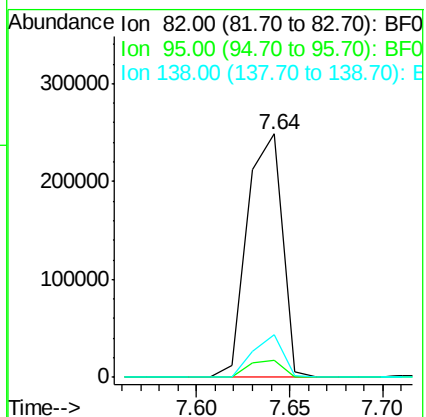
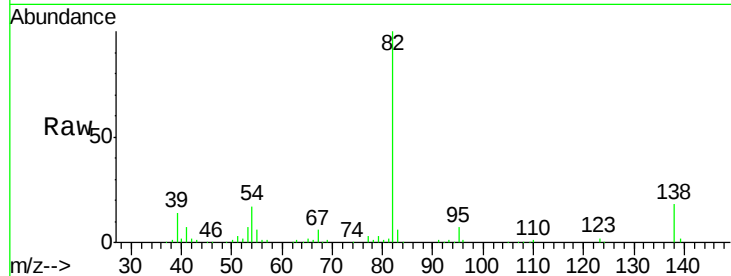
82 100

95 7.2 5.8 8.6

138 17.6 14.1 21.1

Manual Integrations  
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#26

2-Nitrophenol

Concen: 40.03 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

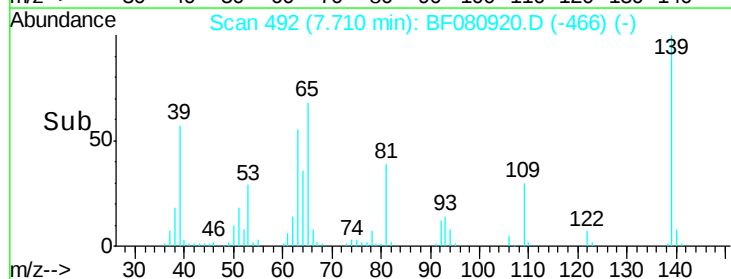
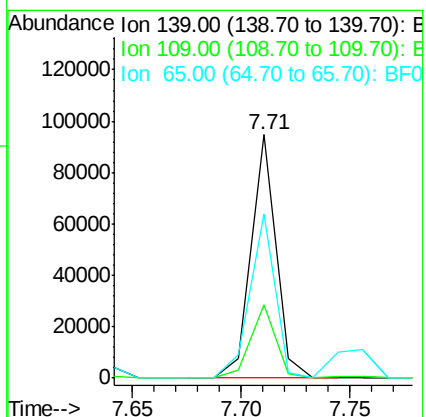
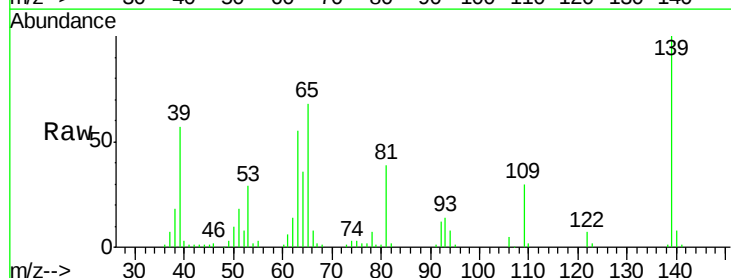
Tgt Ion: 139 Resp: 75429

Ion Ratio Lower Upper

139 100

109 30.1 24.1 36.1

65 67.5 54.0 81.0





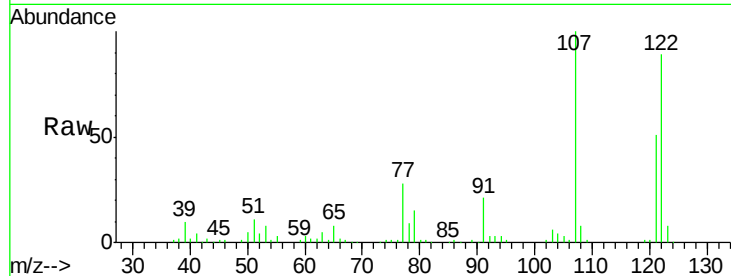
#27  
 2,4-Dimethylphenol  
 Concen: 40.36 ng  
 RT: 7.76 min Scan# 496  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

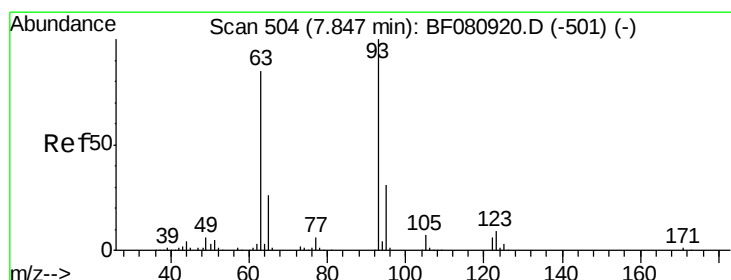
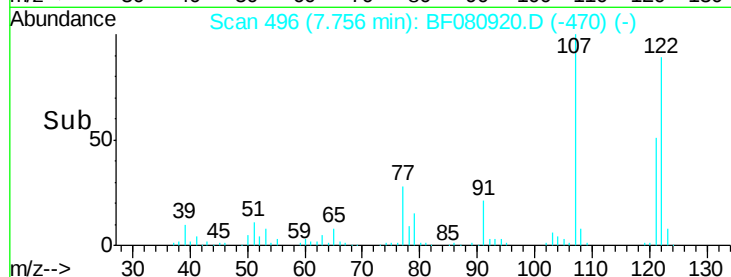
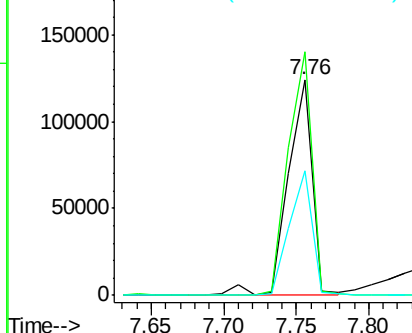
| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 142376 |       |       |
| 107     | 112.8 | 90.2  | 135.4  |       |       |
| 121     | 57.5  | 46.0  | 69.0   |       |       |

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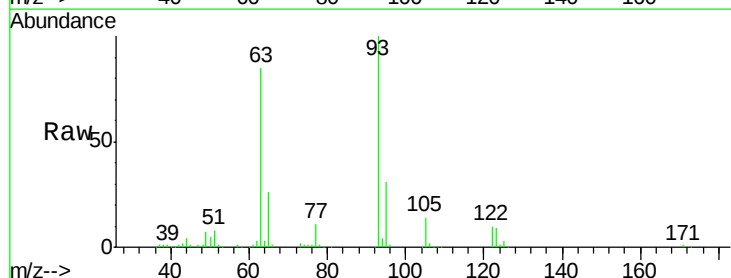


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

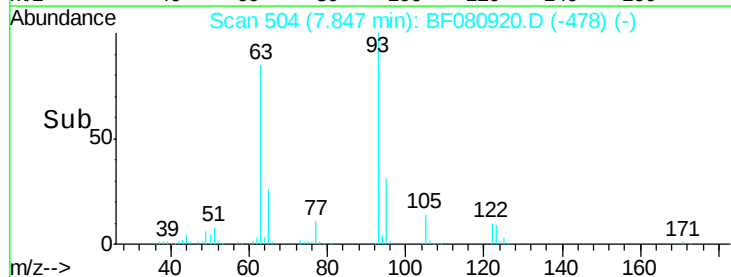
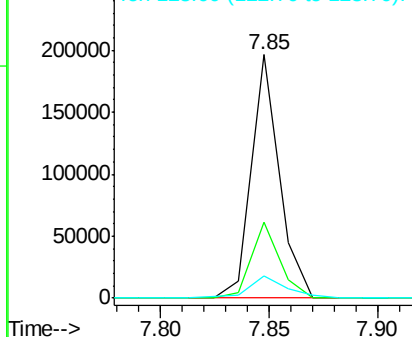


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 34.81 ng  
 RT: 7.85 min Scan# 504  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 174796 |       |       |
| 95      | 31.2 | 25.0  | 37.4   |       |       |
| 123     | 9.2  | 7.4   | 11.0   |       |       |



Abundance Ion 93.00 (92.70 to 93.70): BF0  
 Ion 95.00 (94.70 to 95.70): BF0  
 Ion 123.00 (122.70 to 123.70): E





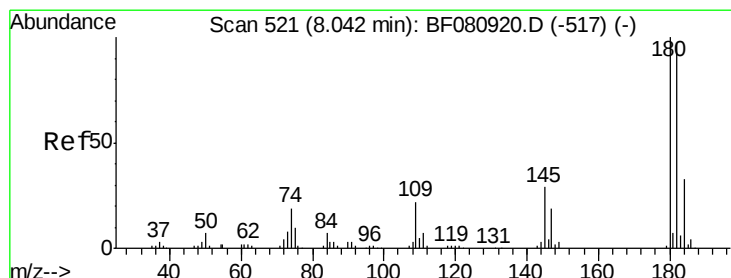
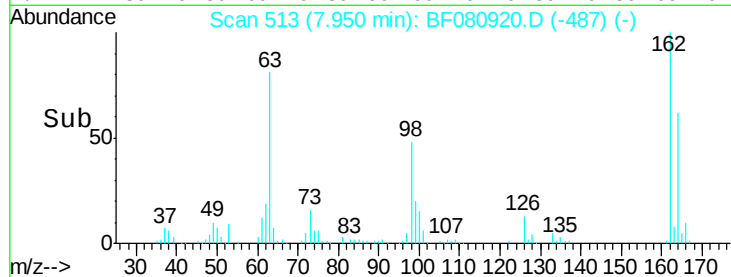
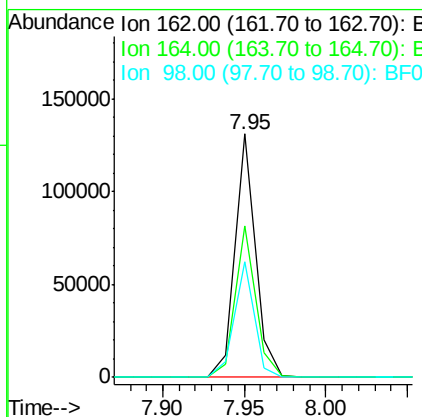
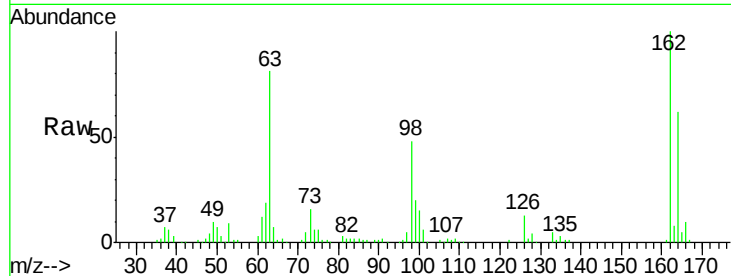
#29  
 2,4-Dichlorophenol  
 Concen: 38.94 ng  
 RT: 7.95 min Scan# 513  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 112898 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.3  | 42.3  | 82.3   |
| 98        | 47.7  | 27.7  | 67.7   |

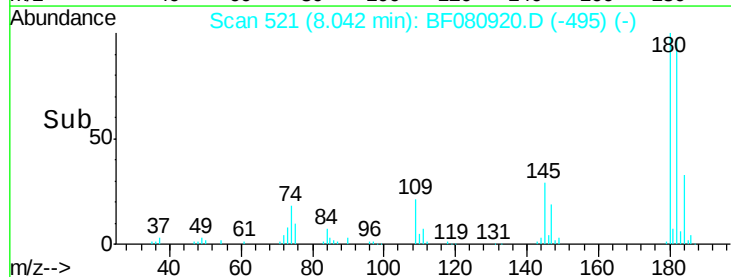
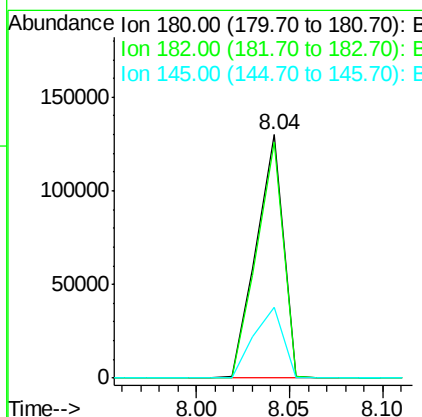
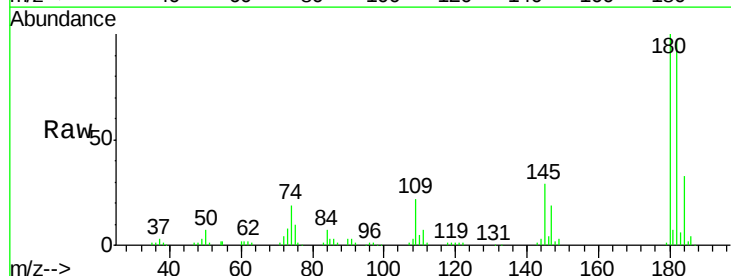
Manual Integrations  
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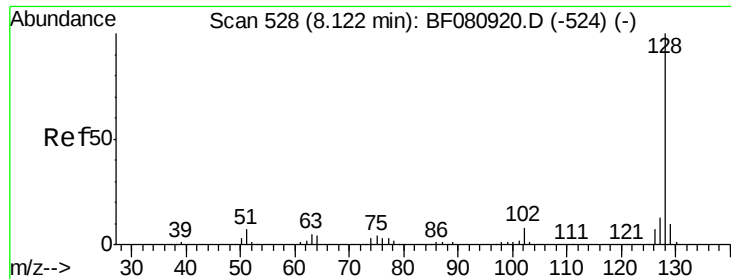
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.16 ng  
 RT: 8.04 min Scan# 521  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 130418 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.7  | 77.4  | 116.0  |
| 145       | 29.0  | 23.2  | 34.8   |





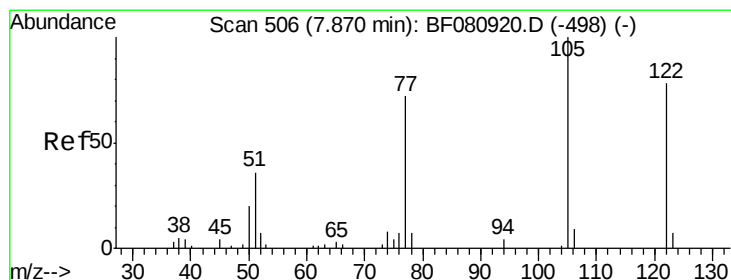
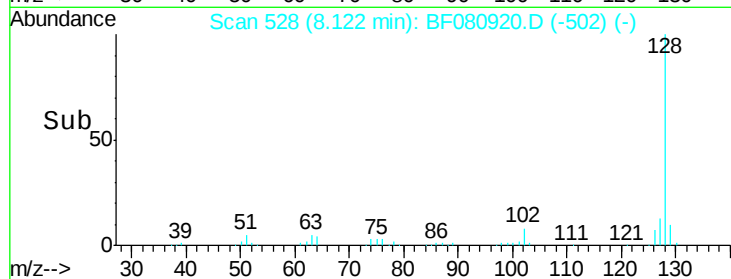
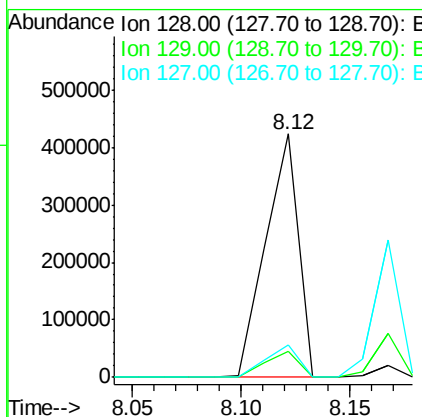
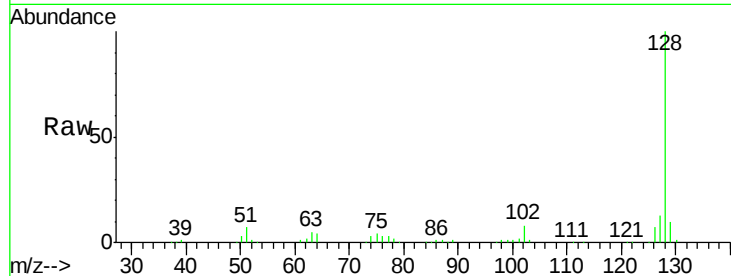
#31  
Naphthalene  
Concen: 39.41 ng  
RT: 8.12 min Scan# 528  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 10.5  | 8.4  | 12.6  |       |
| 127     | 13.1  | 10.5 | 15.7  |       |

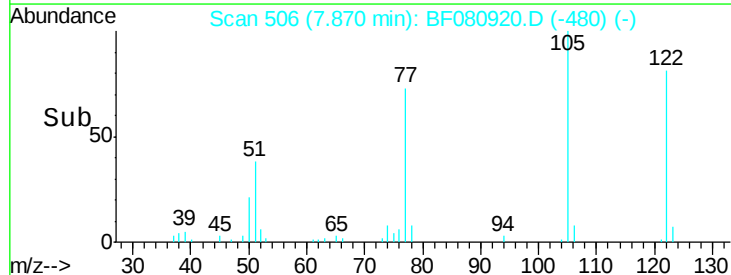
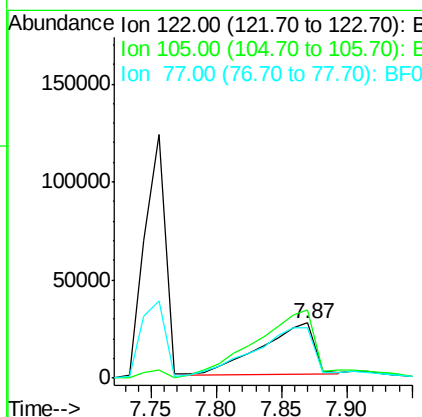
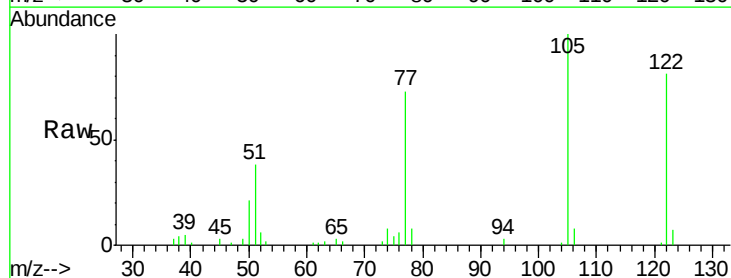
Manual Integrations  
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#32  
Benzoic acid  
Concen: 35.91 ng  
RT: 7.87 min Scan# 506  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 123.6 | 103.6 | 143.6 |       |
| 77      | 90.4  | 70.4  | 110.4 |       |





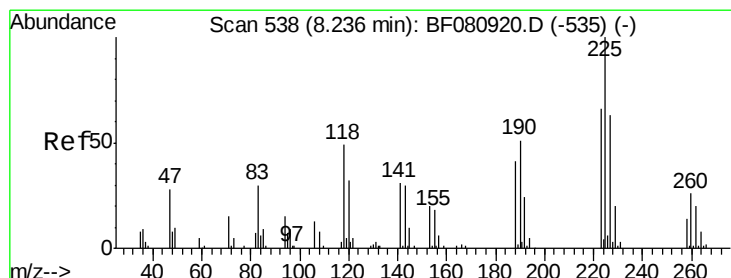
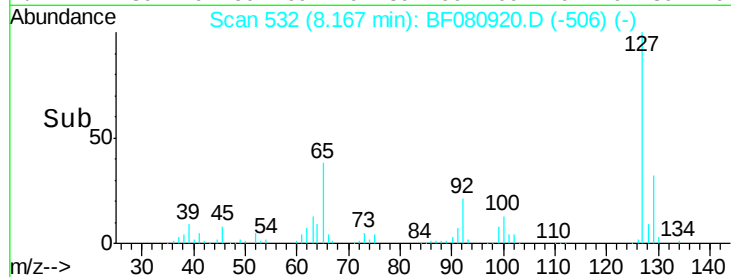
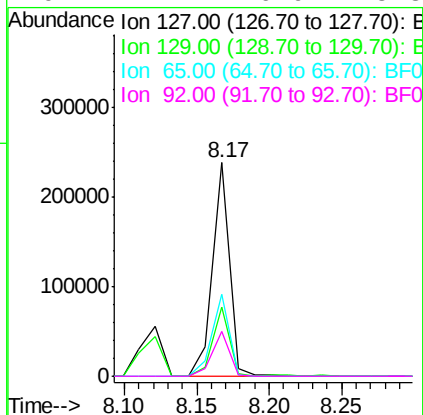
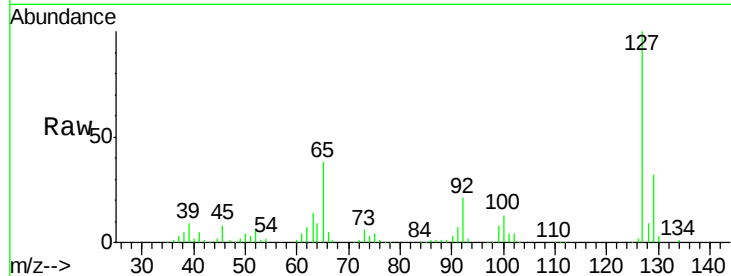
#33  
4-Chloroaniline  
Concen: 41.99 ng  
RT: 8.17 min Scan# 532  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 193538 |       |       |
| 129     | 32.4 | 25.9  | 38.9   |       |       |
| 65      | 38.2 | 30.6  | 45.8   |       |       |
| 92      | 21.1 | 16.9  | 25.3   |       |       |

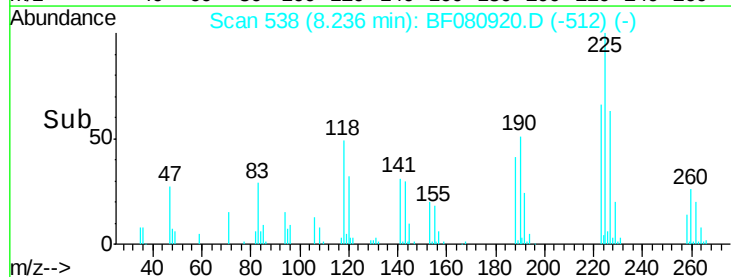
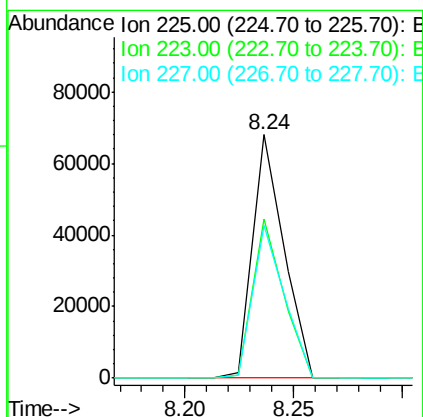
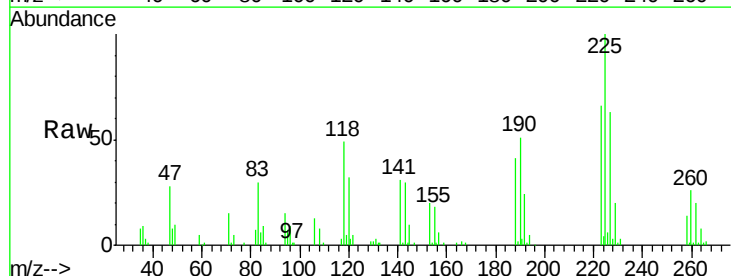
Manual Integrations  
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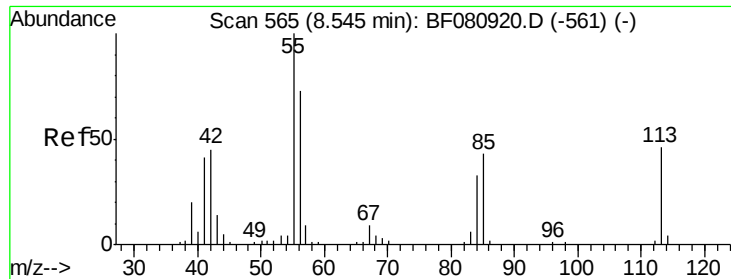
MMDadoda  
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#34  
Hexachlorobutadiene  
Concen: 36.17 ng  
RT: 8.24 min Scan# 538  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 68197 |       |       |
| 223     | 65.6 | 52.5  | 78.7  |       |       |
| 227     | 62.9 | 50.3  | 75.5  |       |       |





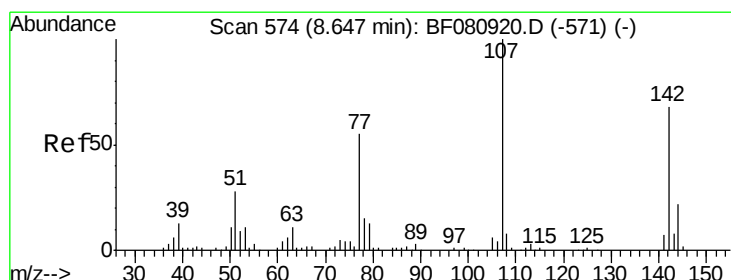
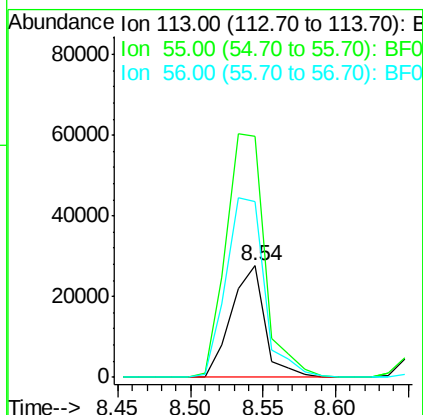
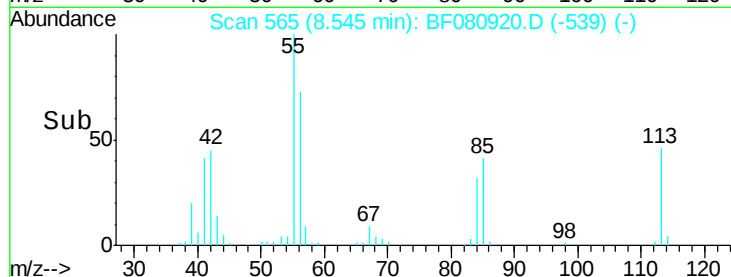
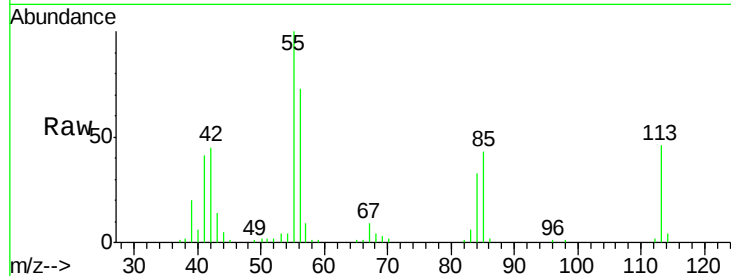
#35  
Caprolactam  
Concen: 44.05 ng  
RT: 8.54 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |       |
| 55      | 216.4 |       | 196.4 | 236.4 |       |
| 56      | 157.9 |       | 137.9 | 177.9 |       |

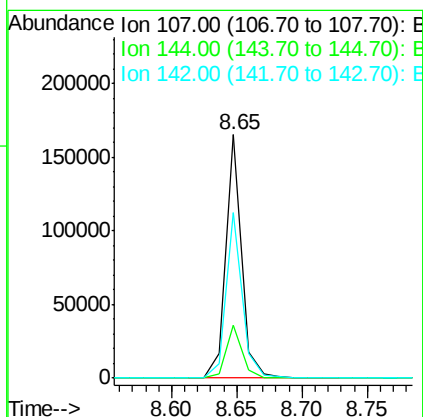
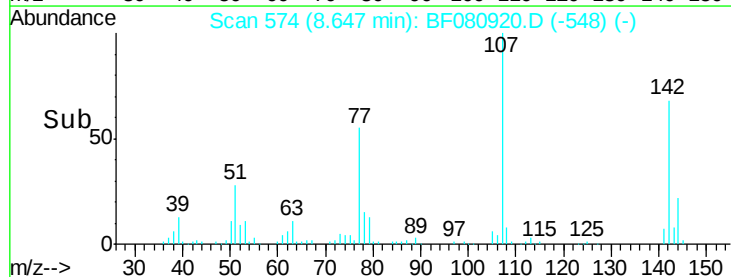
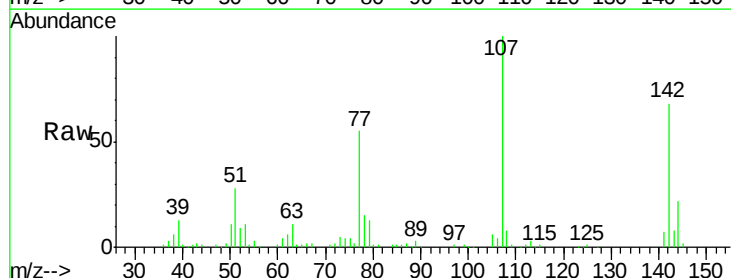
Manual Integrations  
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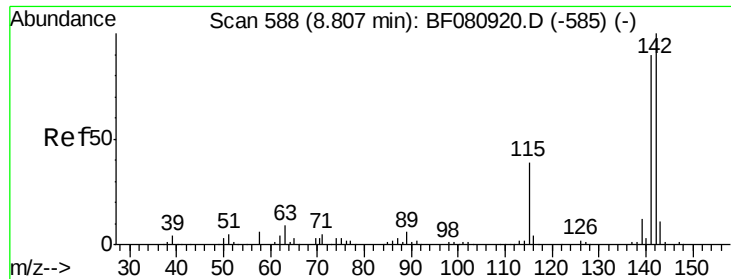
MMDadoda  
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#36  
4-Chloro-3-methylphenol  
Concen: 39.82 ng  
RT: 8.65 min Scan# 574  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 21.6 |       | 17.3 | 25.9  |       |
| 142     | 68.0 |       | 54.4 | 81.6  |       |





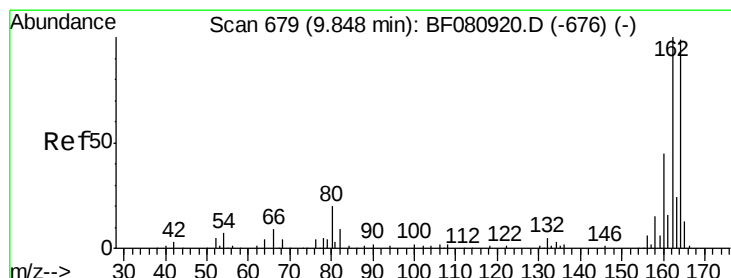
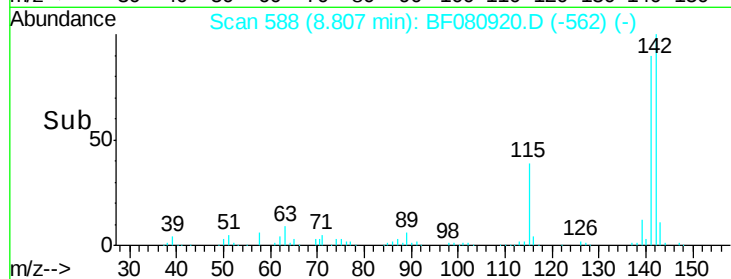
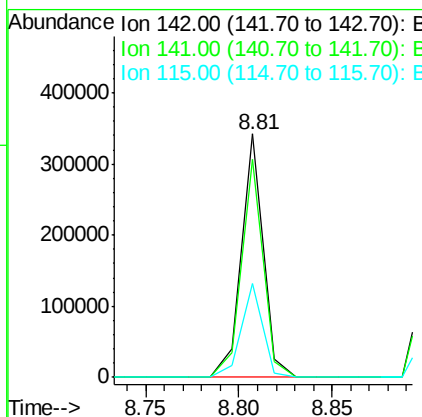
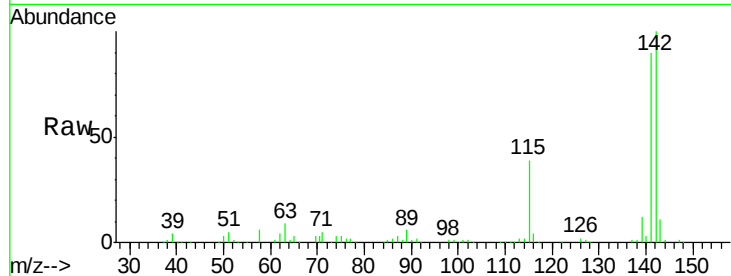
#37  
 2-Methylnaphthalene  
 Concen: 38.77 ng  
 RT: 8.81 min Scan# 588  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.6  | 71.7  | 107.5 |
| 115     | 38.6  | 30.9  | 46.3  |

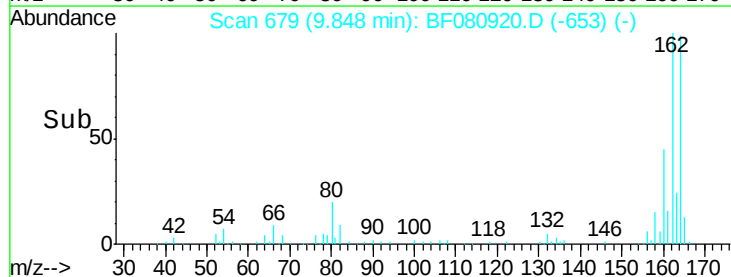
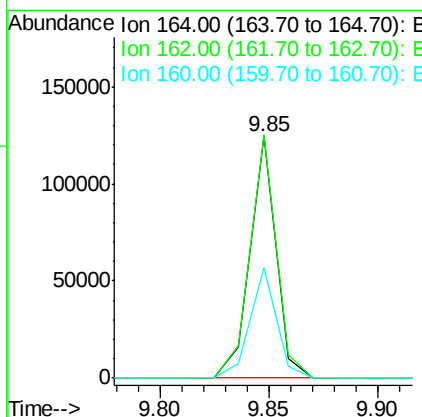
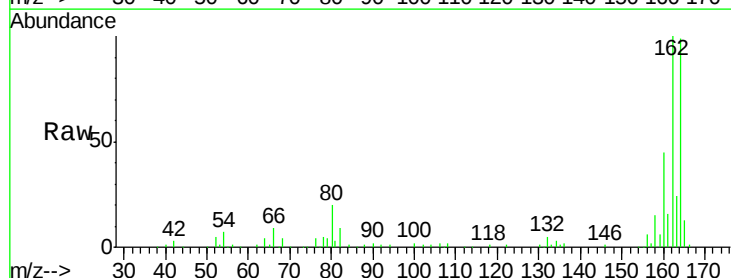
Manual Integrations  
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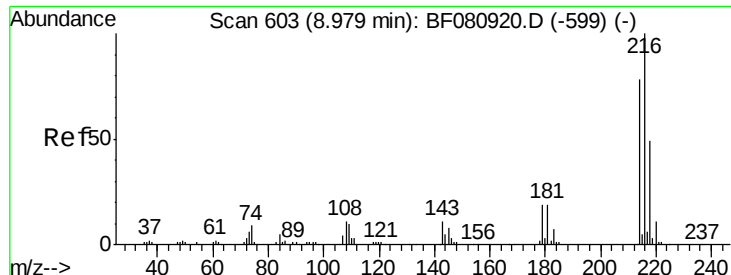
MMDadoda  
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.85 min Scan# 679  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.6 | 80.5  | 120.7 |
| 160     | 45.7  | 36.6  | 54.8  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.15 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

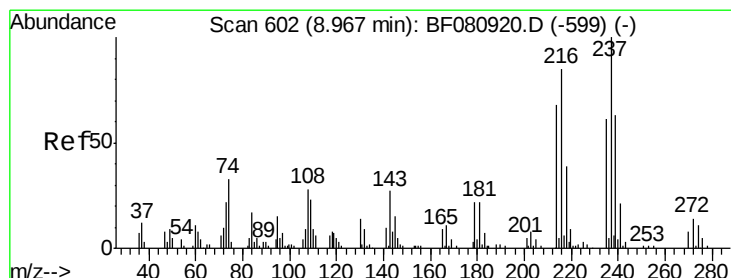
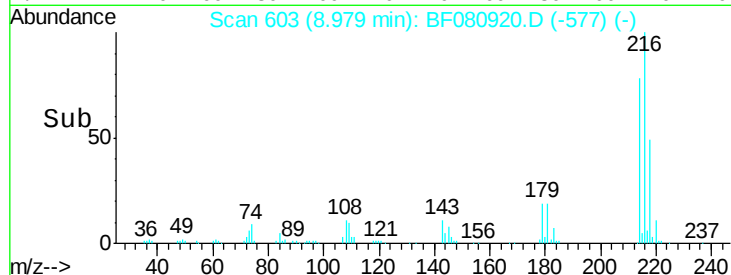
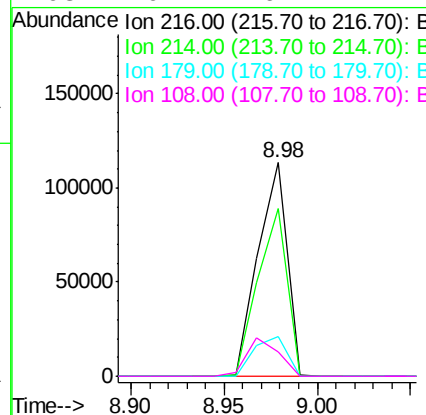
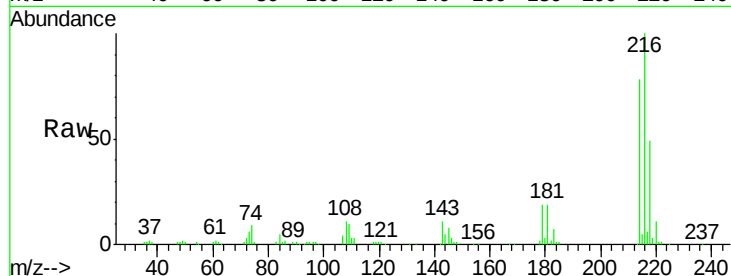
ClientSampleId :

SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 121668 |       |       |
| 214     | 78.7 |       | 63.0   | 94.4  |       |
| 179     | 21.5 |       | 17.2   | 25.8  |       |
| 108     | 20.1 |       | 16.1   | 24.1  |       |

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#40

Hexachlorocyclopentadiene

Concen: 40.49 ng

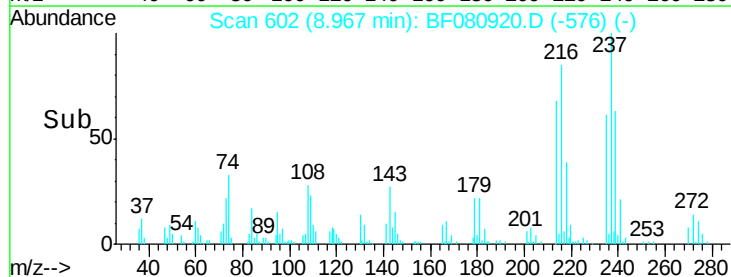
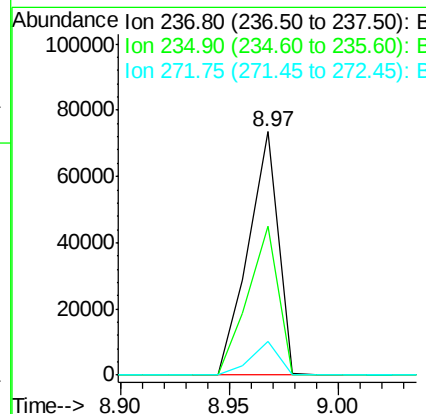
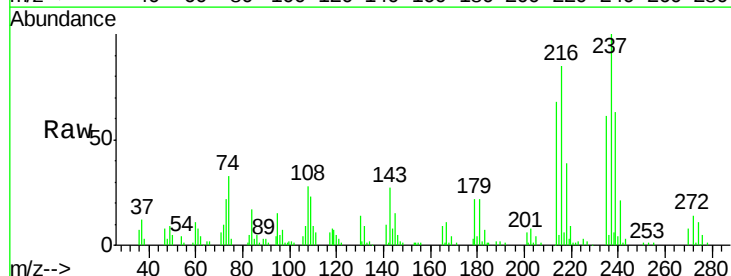
RT: 8.97 min Scan# 602

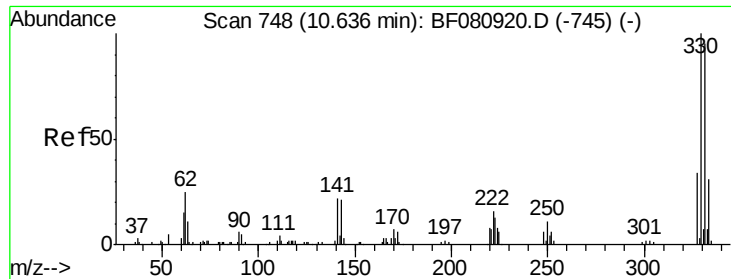
Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 70454 |       |       |
| 235     | 61.3 |       | 41.3  | 81.3  |       |
| 272     | 13.6 |       | 0.0   | 33.6  |       |





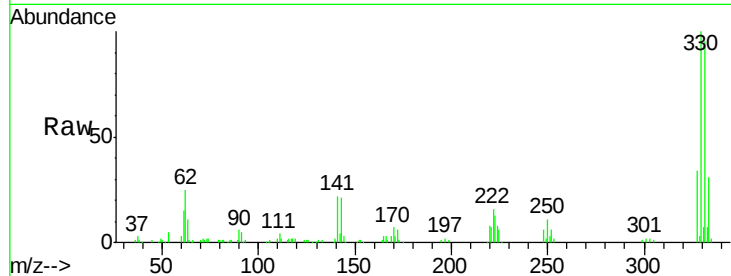
#41  
 2,4,6-Tribromophenol  
 Concen: 85.02 ng  
 RT: 10.64 min Scan# 748  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

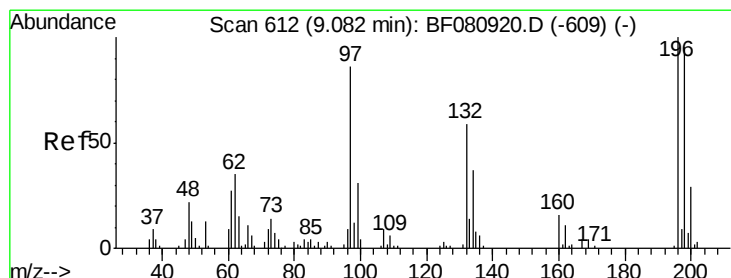
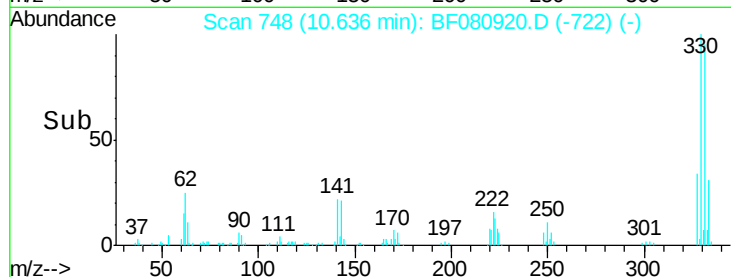
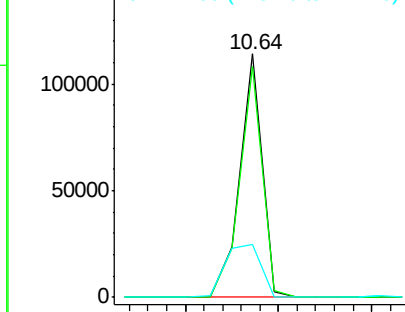
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 96611 |       |       |
| 332     | 95.3  | 76.2  | 114.4 |       |
| 141     | 34.8  | 27.8  | 41.8  |       |

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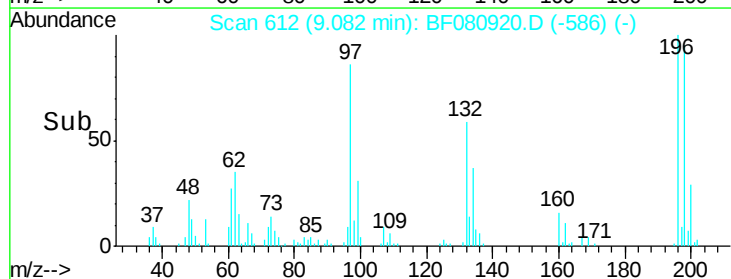
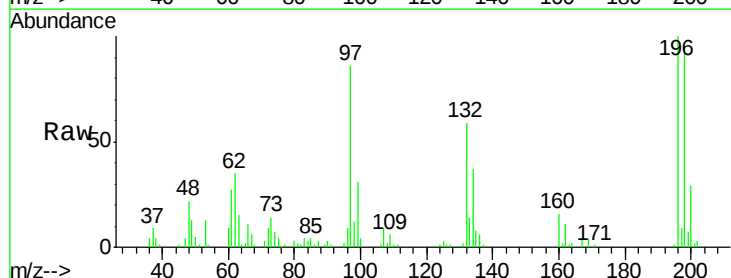
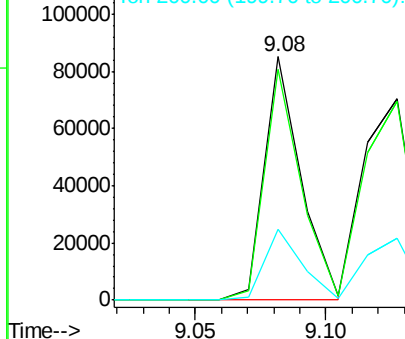
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

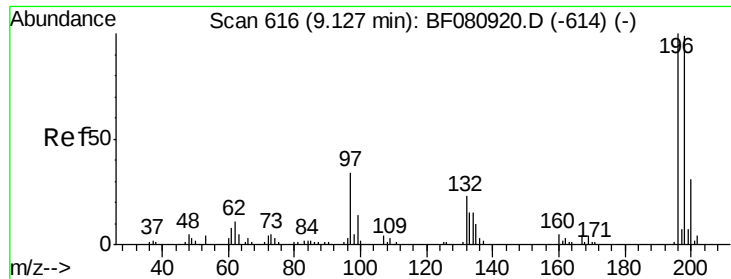


#42  
 2,4,6-Trichlorophenol  
 Concen: 35.10 ng  
 RT: 9.08 min Scan# 612  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 83451 |       |       |
| 198     | 94.9  | 75.9  | 113.9 |       |
| 200     | 28.9  | 23.1  | 34.7  |       |

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





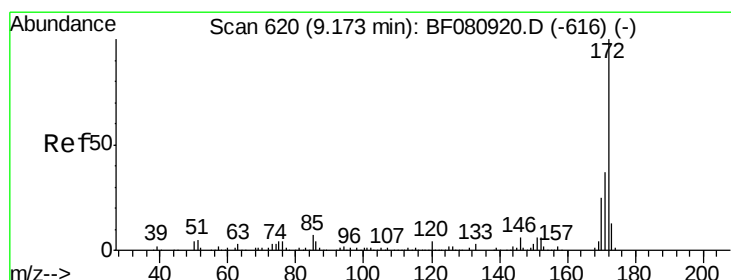
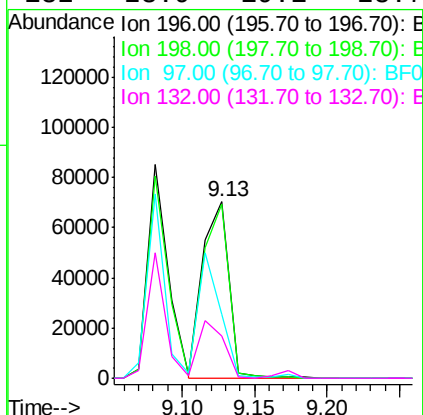
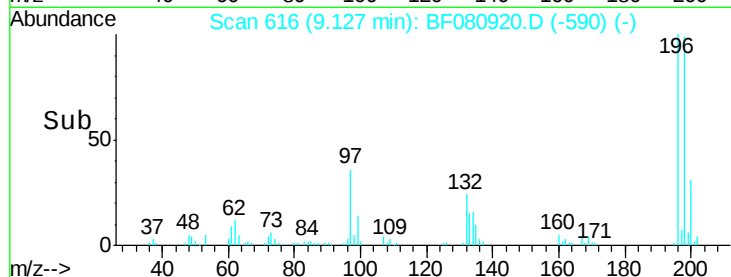
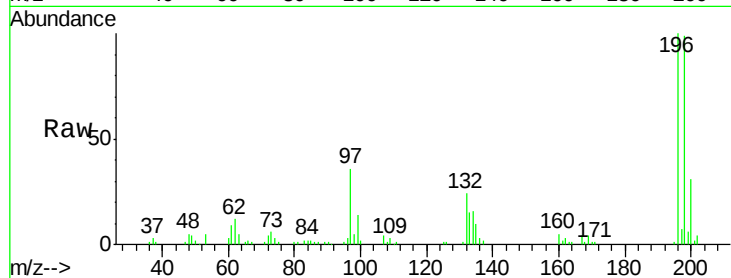
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.99 ng  
 RT: 9.13 min Scan# 616  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Manual Integrations  
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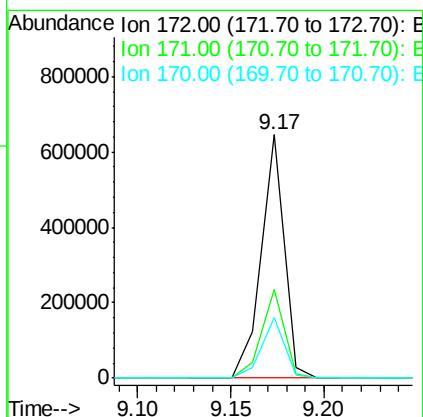
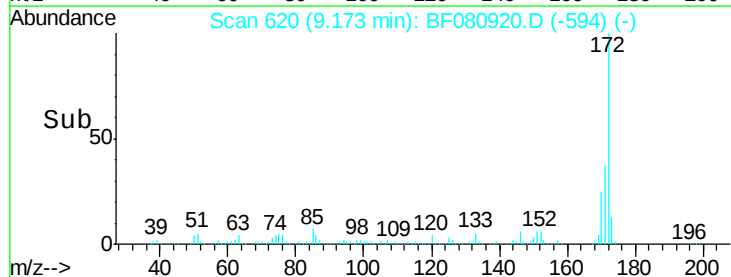
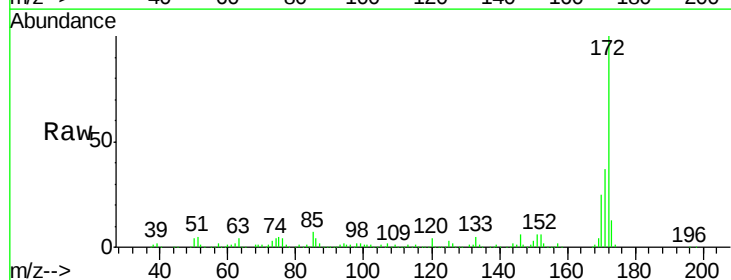
MMDadoda  
 8/10/2015 7:17:29 PM

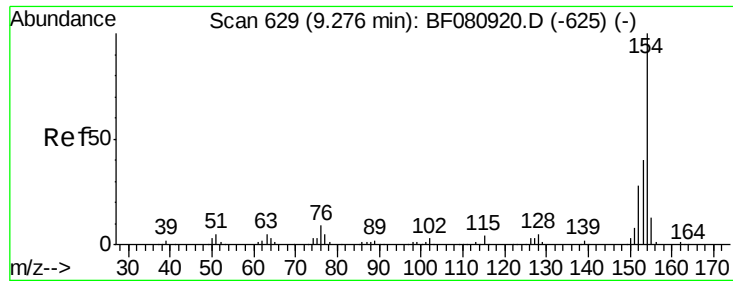
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 196   | Resp: | 88847 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 98.6  | 78.9  | 118.3 |
| 97       | 36.4  | 29.1  | 43.7  |
| 132      | 23.9  | 19.1  | 28.7  |



#44  
 2-Fluorobiphenyl  
 Concen: 74.55 ng  
 RT: 9.17 min Scan# 620  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 547766 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 36.7  | 29.4  | 44.0   |
| 170      | 24.6  | 19.7  | 29.5   |





#45

1,1'-Biphenyl

Concen: 39.89 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

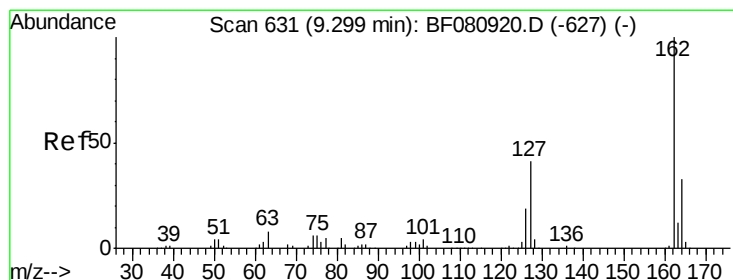
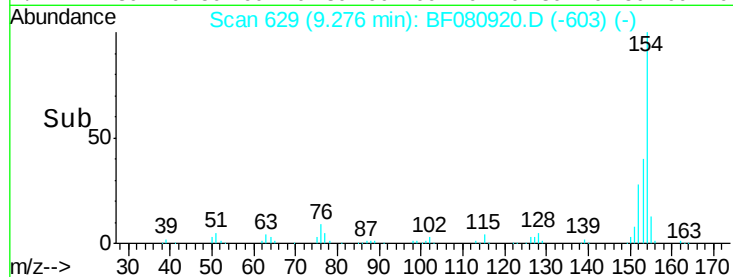
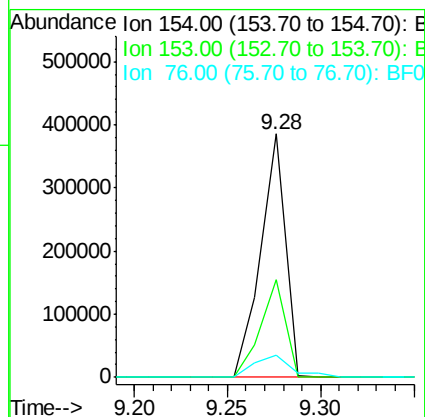
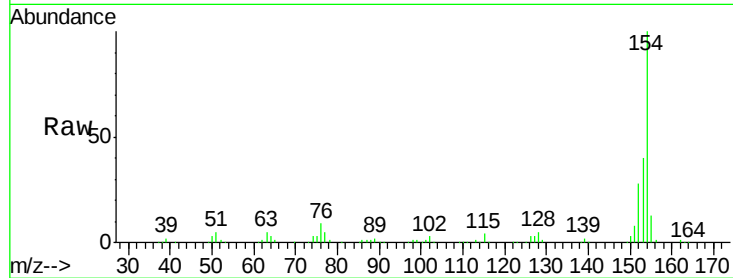
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 354085 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.1  | 20.1  | 60.1   |
| 76        | 9.3   | 0.0   | 29.3   |

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#46

2-Chloronaphthalene

Concen: 39.59 ng

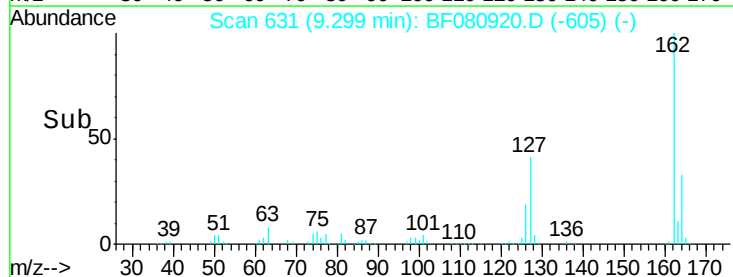
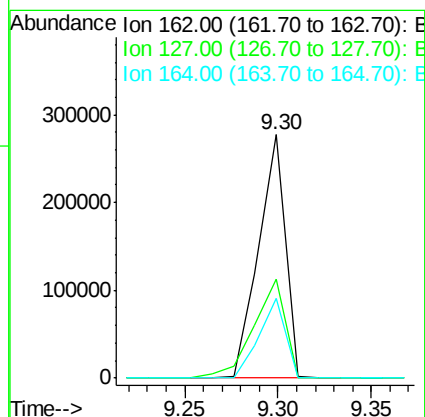
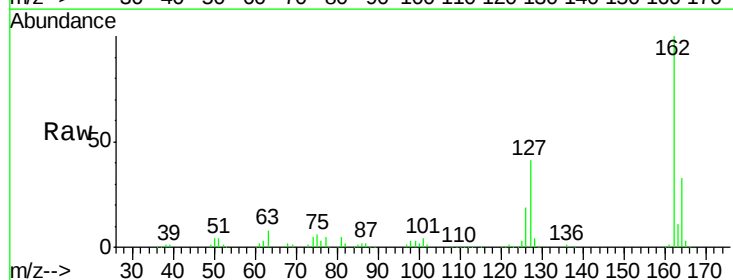
RT: 9.30 min Scan# 631

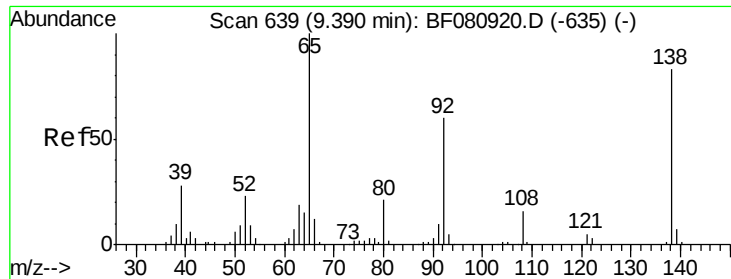
Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 274027 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.6  | 32.5  | 48.7   |
| 164       | 32.8  | 26.2  | 39.4   |





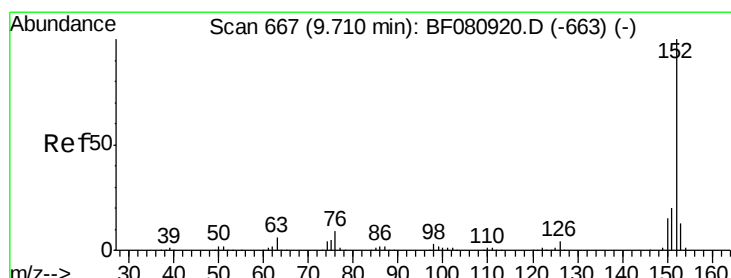
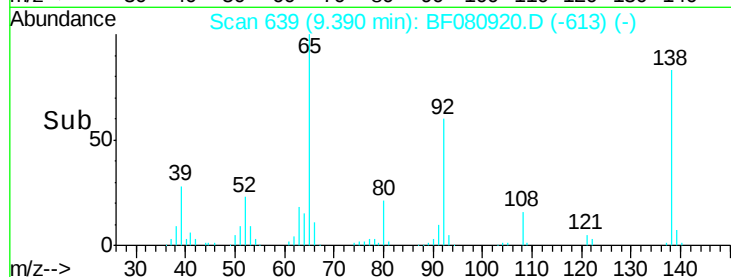
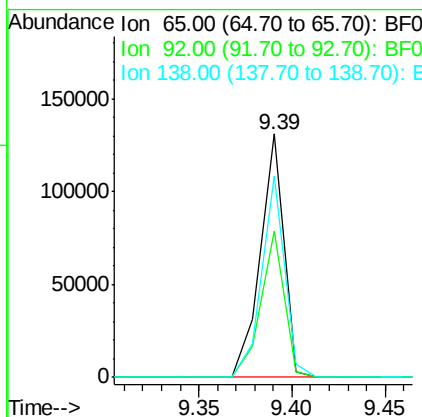
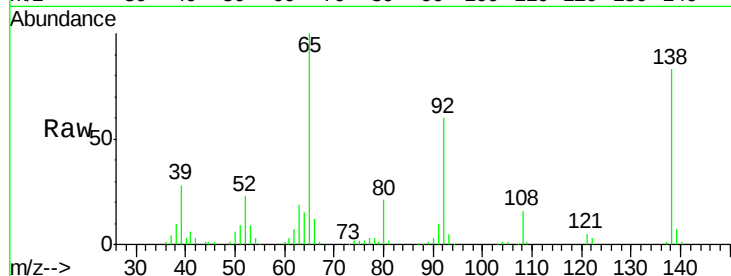
#47  
2-Nitroaniline  
Concen: 41.09 ng  
RT: 9.39 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.0  | 48.0  | 72.0  |
| 138     | 82.6  | 66.1  | 99.1  |

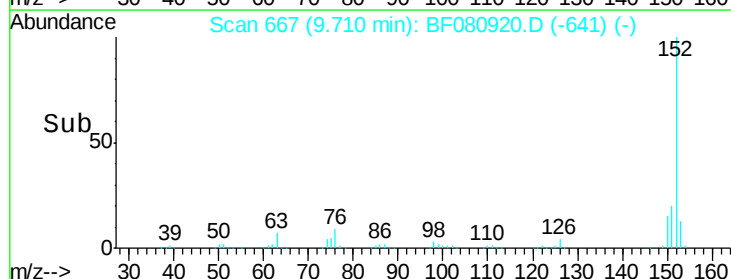
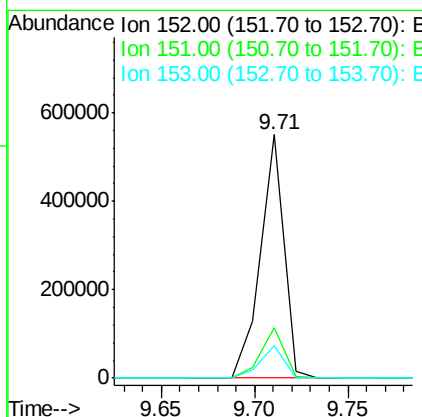
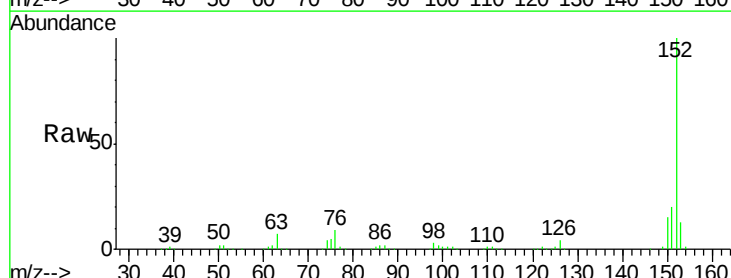
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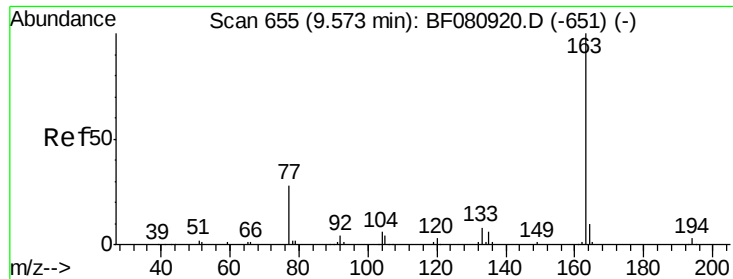
MMDadoda  
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#48  
Acenaphthylene  
Concen: 39.79 ng  
RT: 9.71 min Scan# 667  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.4  | 16.3  | 24.5  |
| 153     | 13.1  | 10.5  | 15.7  |





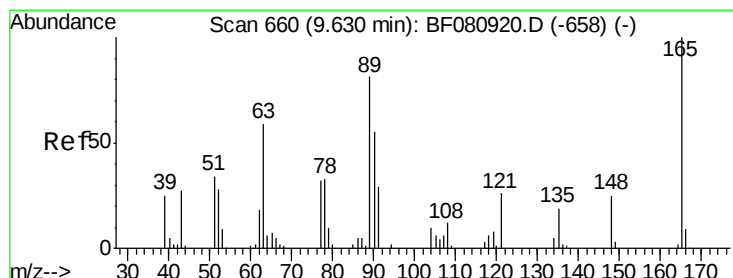
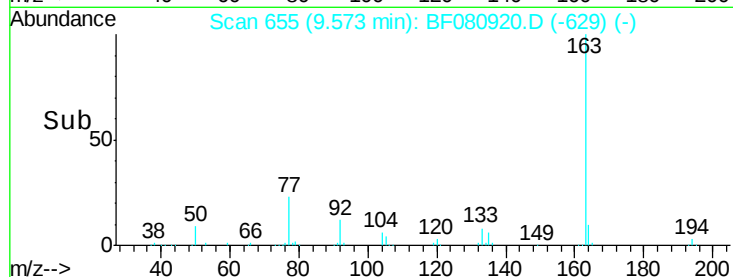
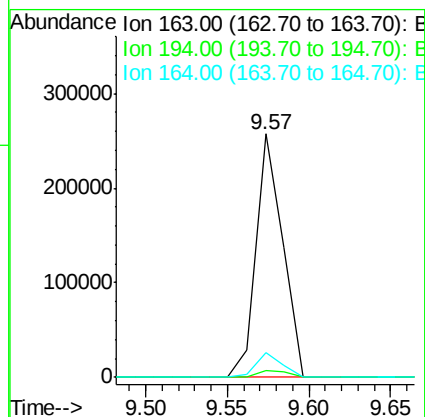
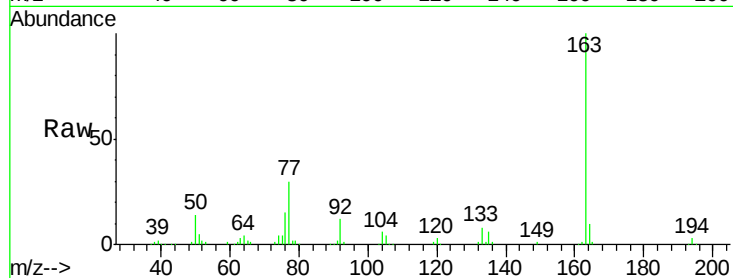
#49  
Dimethylphthalate  
Concen: 33.87 ng  
RT: 9.57 min Scan# 655  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 291030 |       |       |
| 194     | 3.0   | 2.4    | 3.6   |       |
| 164     | 10.3  | 8.2    | 12.4  |       |

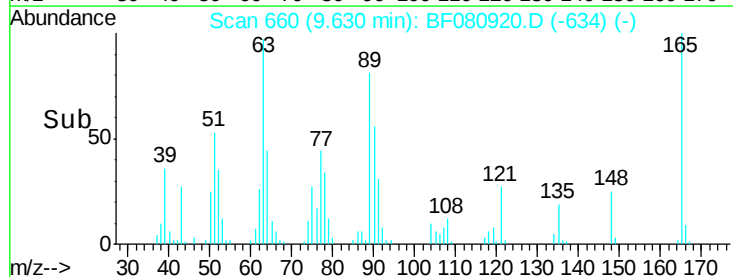
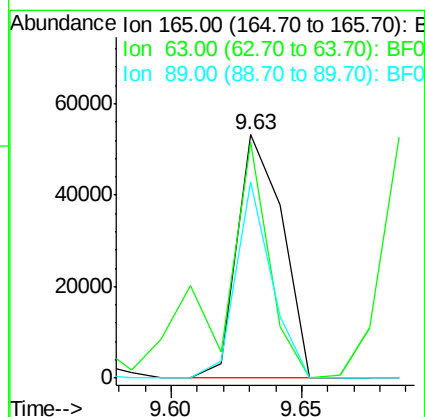
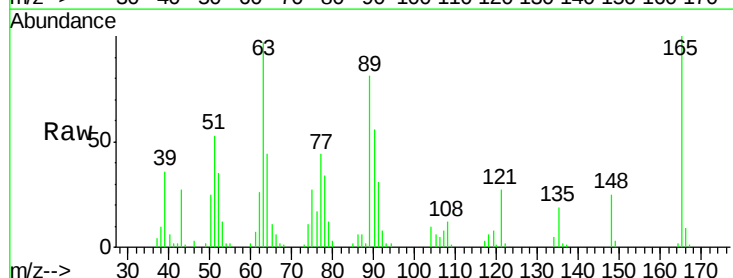
Manual Integrations  
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#50  
2,6-Dinitrotoluene  
Concen: 36.38 ng  
RT: 9.63 min Scan# 660  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 64588 |       |       |
| 63      | 97.0  | 77.6  | 116.4 |       |
| 89      | 80.6  | 64.5  | 96.7  |       |





#51

Acenaphthene

Concen: 40.05 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

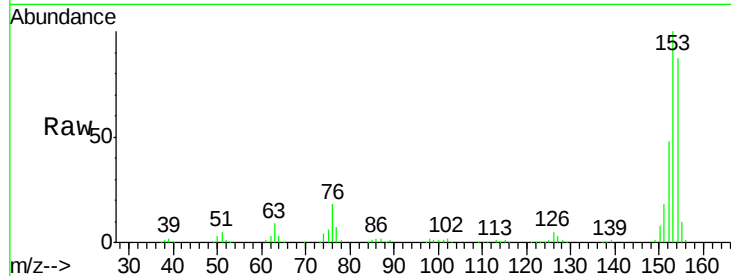
ClientSampleId :

SSTDICCC040

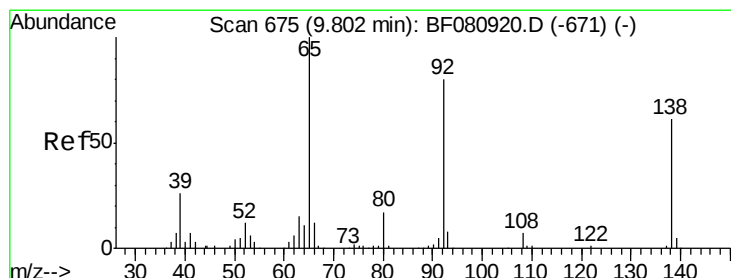
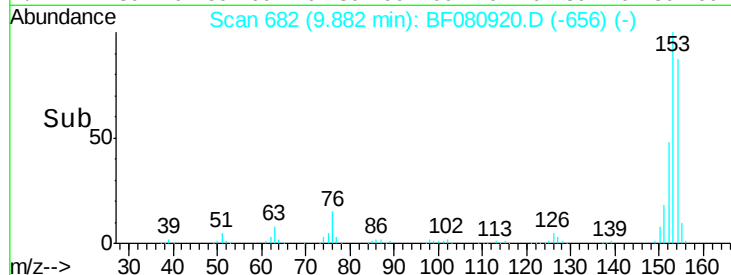
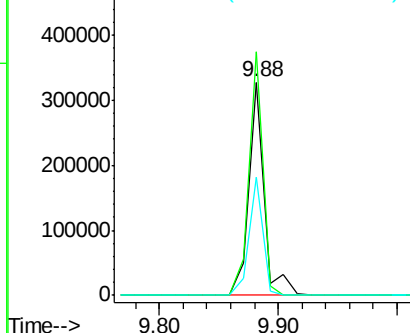
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 295167 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.3 | 91.4  | 137.2  |
| 152       | 55.3  | 44.2  | 66.4   |

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



#52

3-Nitroaniline

Concen: 39.53 ng

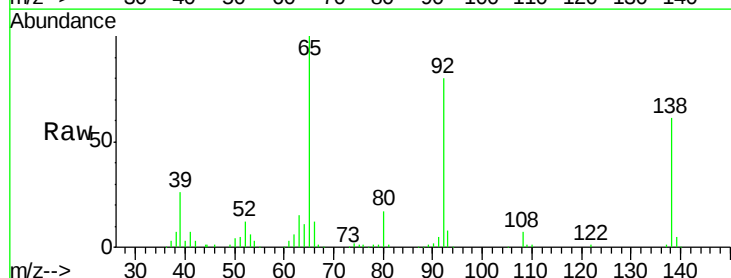
RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

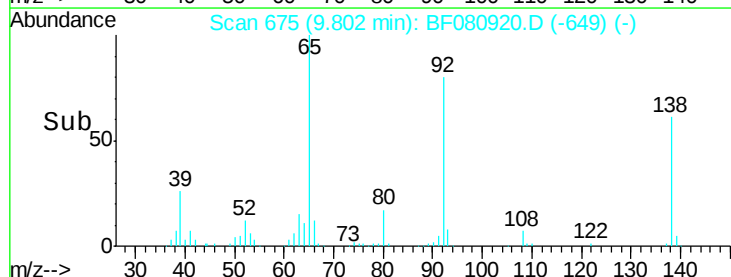
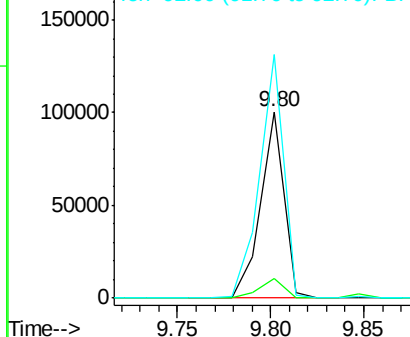
Lab File: BF080920.D

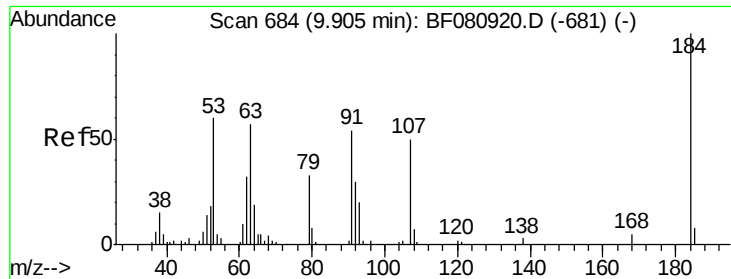
Acq: 7 Aug 2015 11:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 86502 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.9  | 8.7   | 13.1  |
| 92        | 130.5 | 104.4 | 156.6 |



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





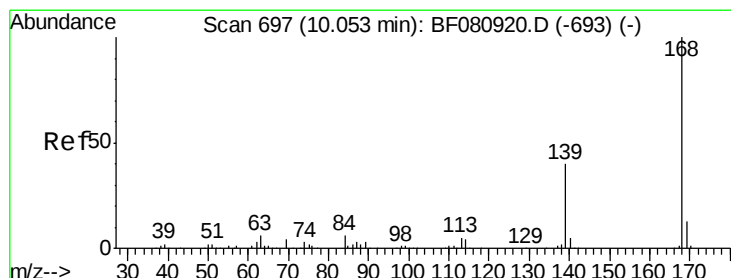
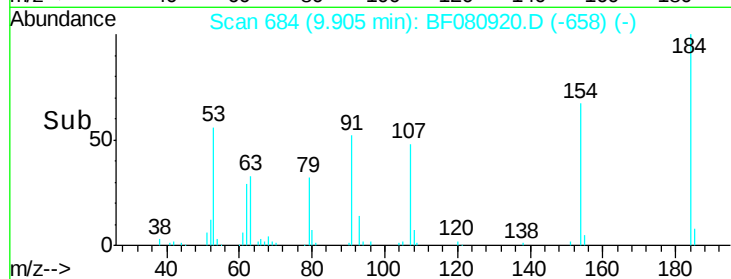
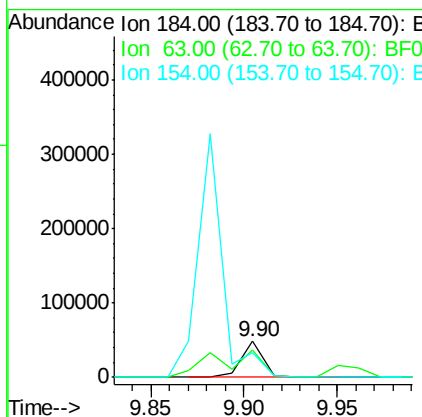
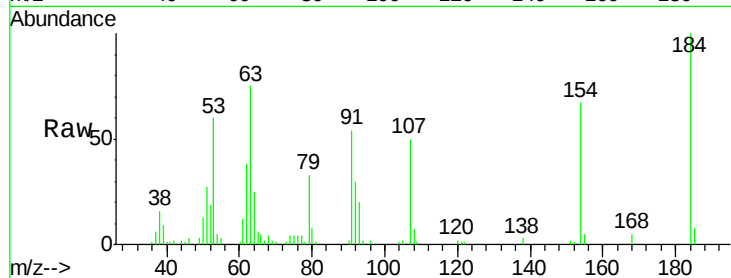
#53  
 2,4-Dinitrophenol  
 Concen: 42.51 ng  
 RT: 9.90 min Scan# 684  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 39838 |       |       |
| 63      | 74.6  | 59.7  | 89.5  |       |
| 154     | 67.3  | 53.8  | 80.8  |       |

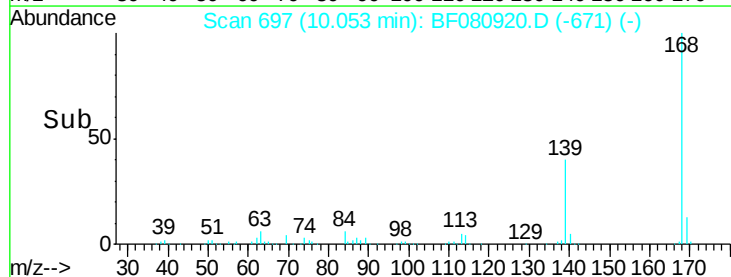
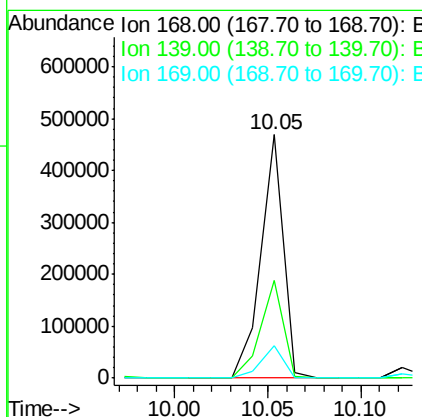
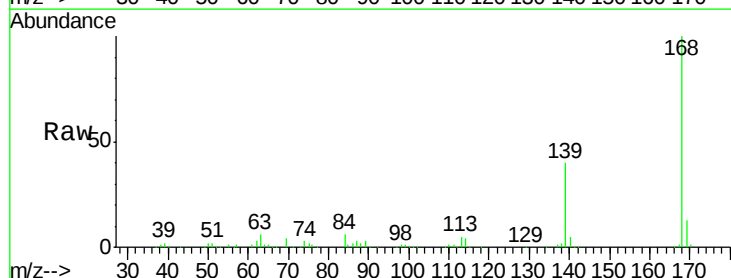
Manual Integrations  
 APPROVED

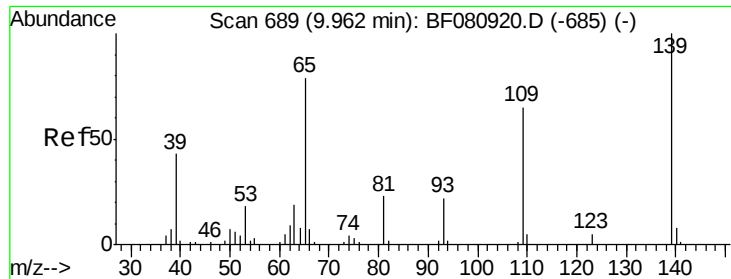
MMDadoda  
 8/10/2015 7:17:29 PM



#54  
 Dibenzofuran  
 Concen: 39.78 ng  
 RT: 10.05 min Scan# 697  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 396365 |       |       |
| 139     | 39.9  | 31.9   | 47.9  |       |
| 169     | 13.2  | 10.6   | 15.8  |       |





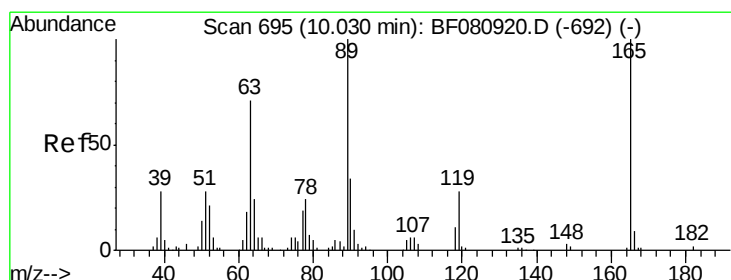
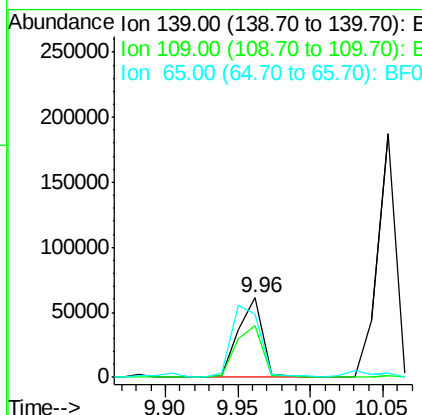
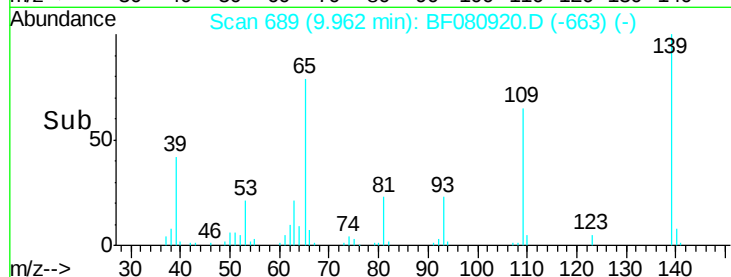
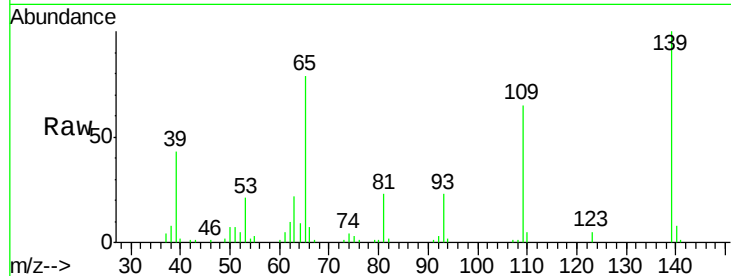
#55  
4-Nitrophenol  
Concen: 43.60 ng  
RT: 9.96 min Scan# 689  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 71425 |       |       |
| 109     | 64.7  | 44.7  | 84.7  |       |
| 65      | 79.5  | 59.5  | 99.5  |       |

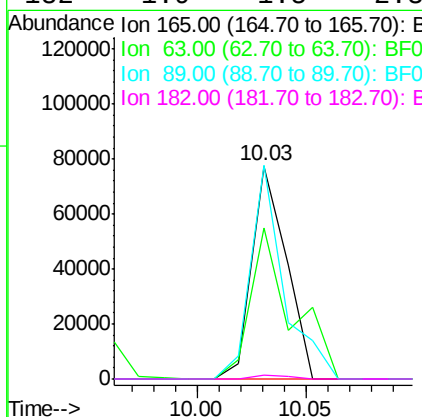
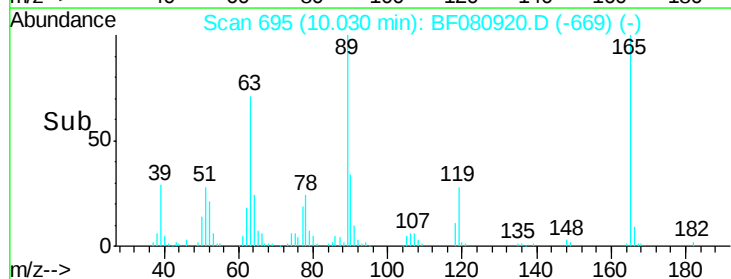
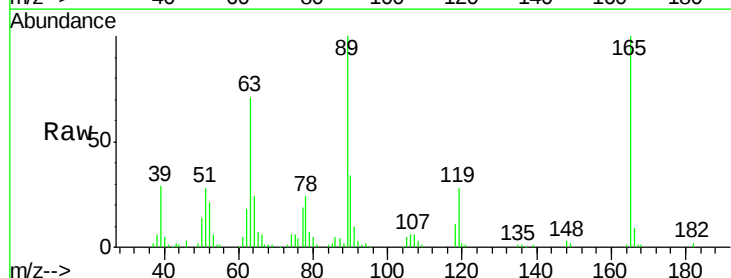
Manual Integrations  
APPROVED

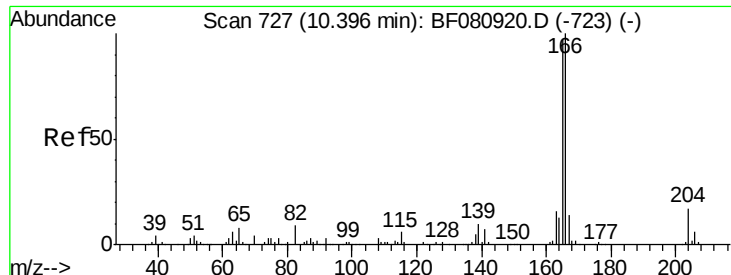
MMDadoda  
8/10/2015 7:17:29 PM



#56  
2,4-Dinitrotoluene  
Concen: 35.83 ng  
RT: 10.03 min Scan# 695  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 85117 |       |       |
| 63      | 70.9  | 56.7  | 85.1  |       |
| 89      | 100.5 | 80.4  | 120.6 |       |
| 182     | 1.9   | 1.5   | 2.3   |       |





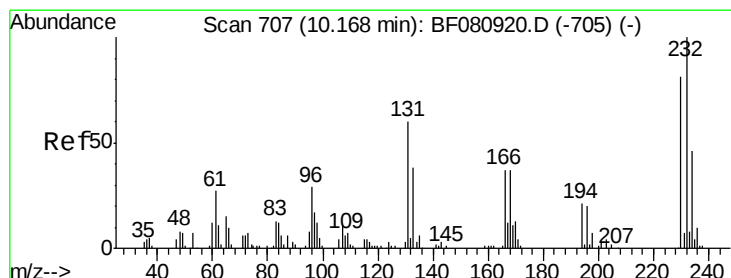
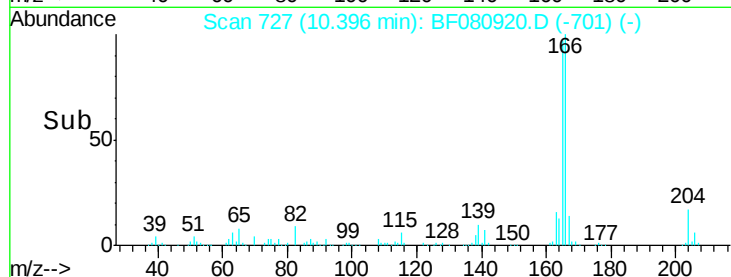
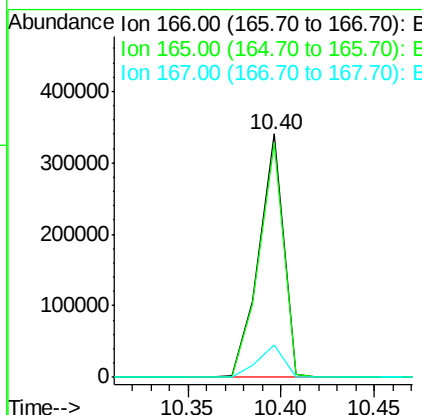
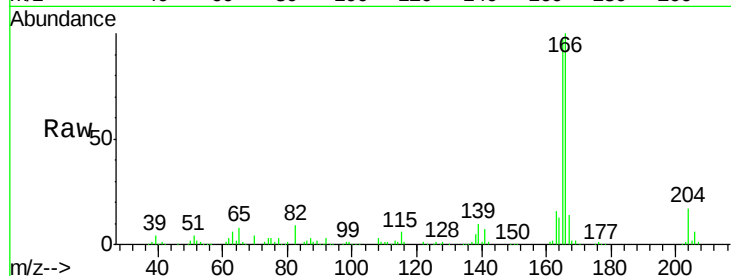
#57  
 Fluorene  
 Concen: 40.23 ng  
 RT: 10.40 min Scan# 727  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 310119 |       |       |
| 165     | 96.5  | 77.2   | 115.8 |       |
| 167     | 13.5  | 10.8   | 16.2  |       |

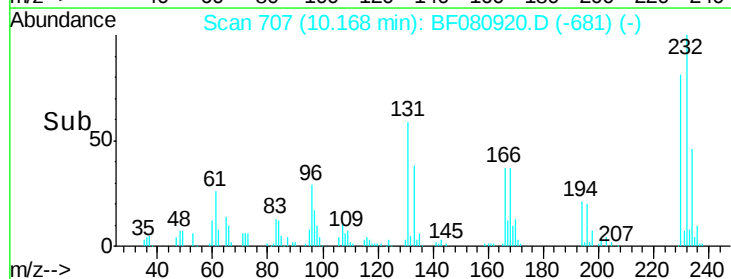
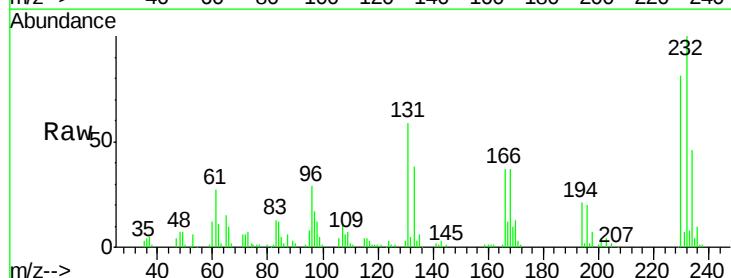
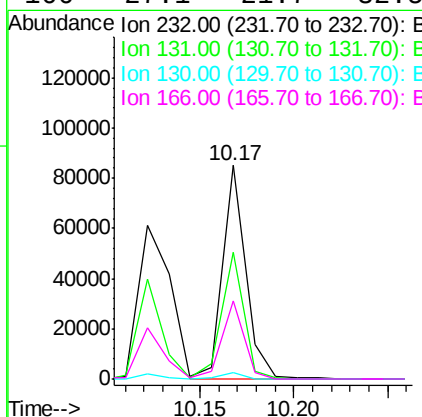
Manual Integrations  
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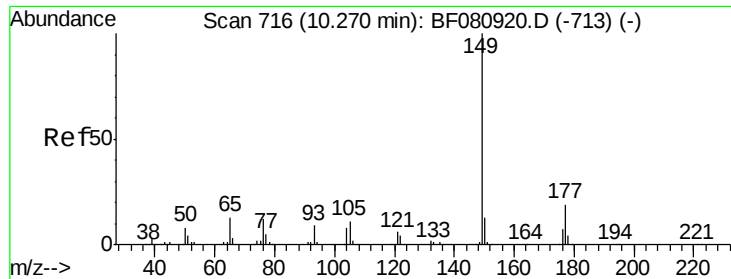
MMDadoda  
 8/10/2015 7:17:29 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.51 ng m  
 RT: 10.17 min Scan# 707  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 72065 |       |       |
| 131     | 49.3  | 39.4  | 59.2  |       |
| 130     | 2.6   | 2.1   | 3.1   |       |
| 166     | 27.1  | 21.7  | 32.5  |       |





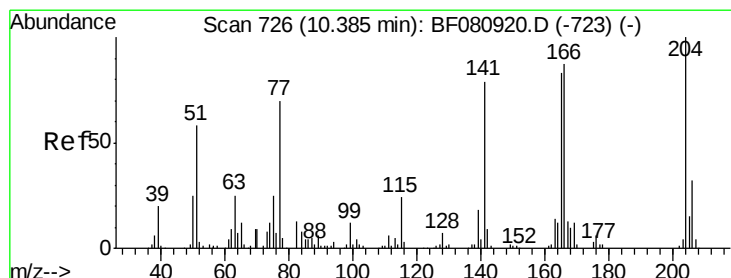
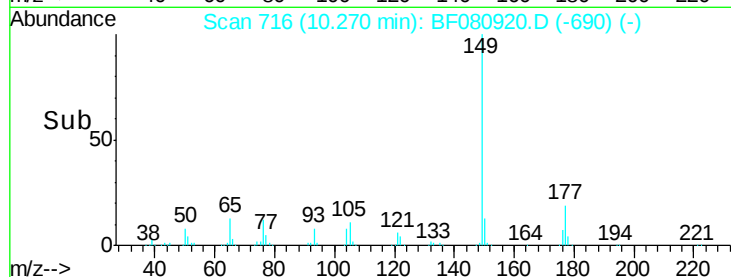
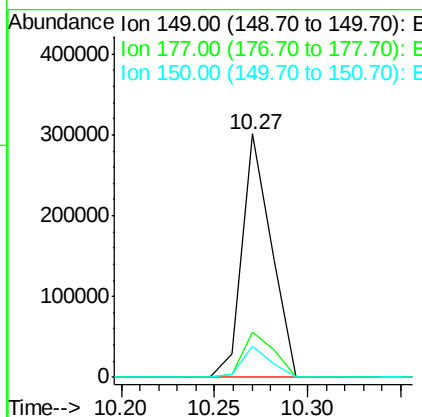
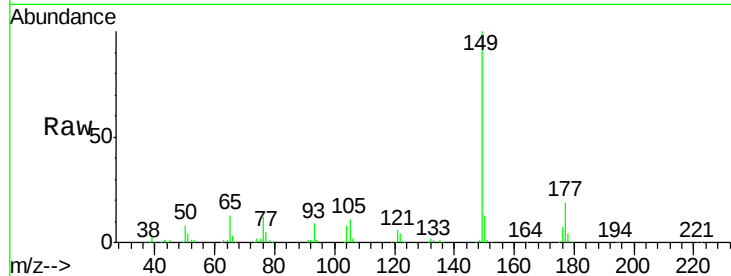
#59  
Diethylphthalate  
Concen: 36.41 ng  
RT: 10.27 min Scan# 716  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 325641 |       |       |
| 177     | 18.7  | 15.0   | 22.4  |       |
| 150     | 13.0  | 10.4   | 15.6  |       |

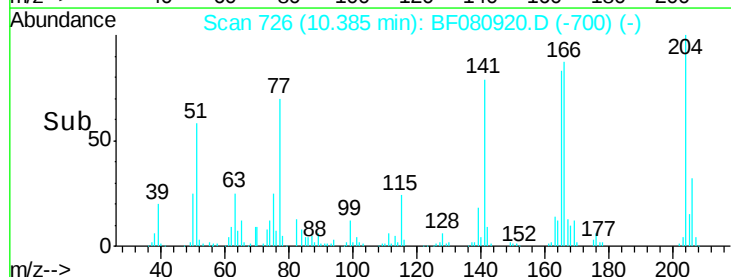
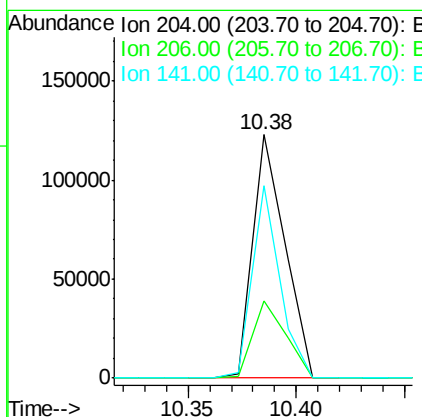
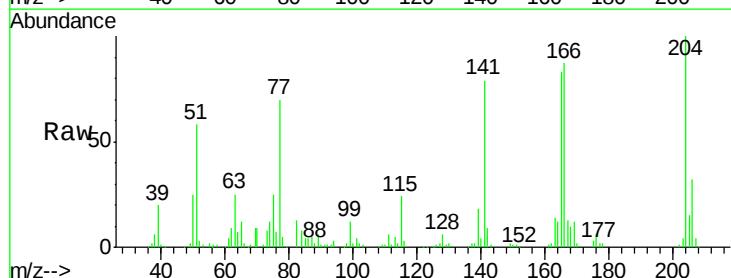
Manual Integrations  
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#60  
4-Chlorophenyl-phenylether  
Concen: 33.72 ng  
RT: 10.38 min Scan# 726  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 126646 |       |       |
| 206     | 31.9  | 25.5   | 38.3  |       |
| 141     | 79.2  | 63.4   | 95.0  |       |





#61

4-Nitroaniline

Concen: 40.17 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

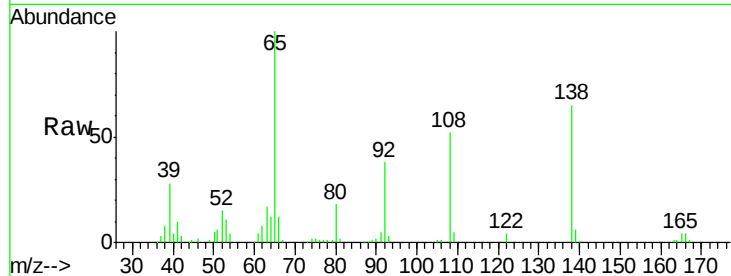
ClientSampleId :

SSTDICCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 138   | Resp: | 90456 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 58.1  | 38.1  | 78.1  |
| 108       | 79.9  | 59.9  | 99.9  |

Manual Integrations  
APPROVED

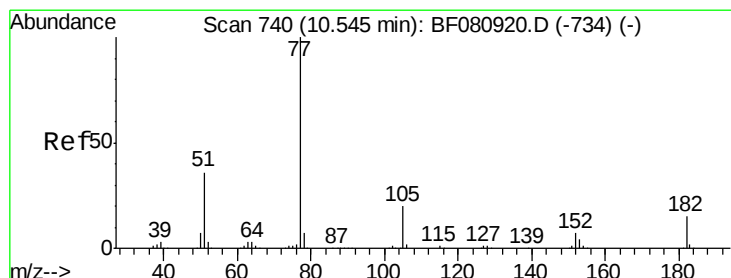
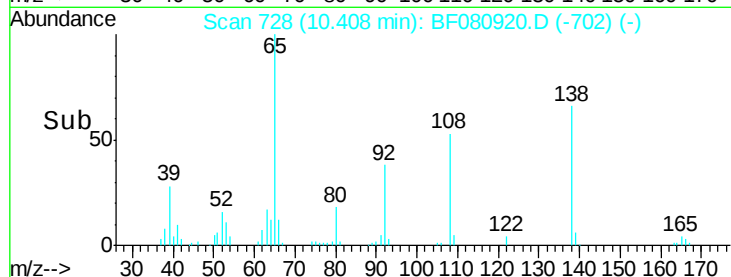
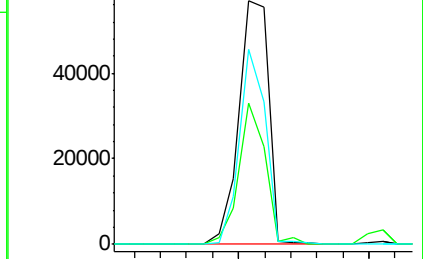
MMDadoda  
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.32 ng

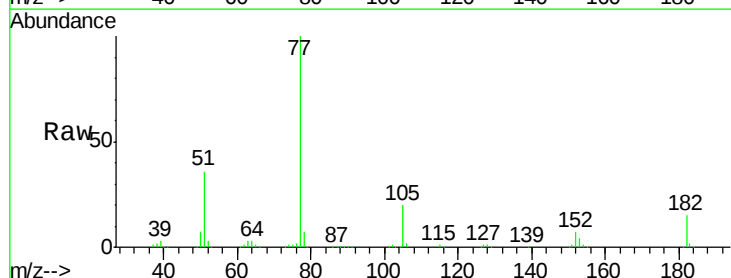
RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 373252 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 15.5  | 0.0   | 35.5   |
| 105       | 20.5  | 0.5   | 40.5   |
| 51        | 35.6  | 15.6  | 55.6   |

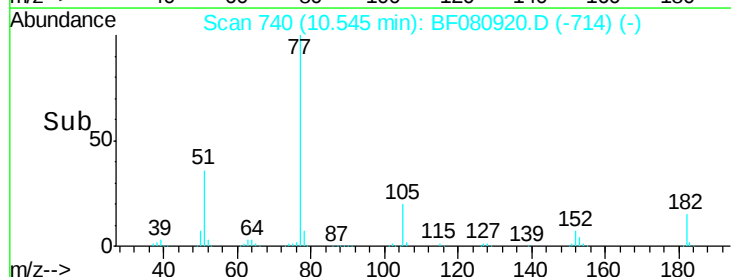
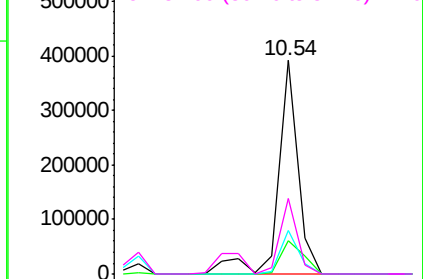


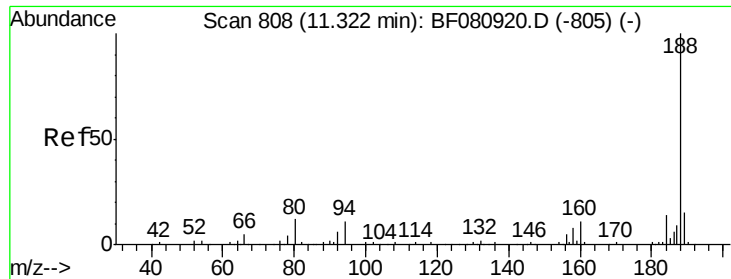
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





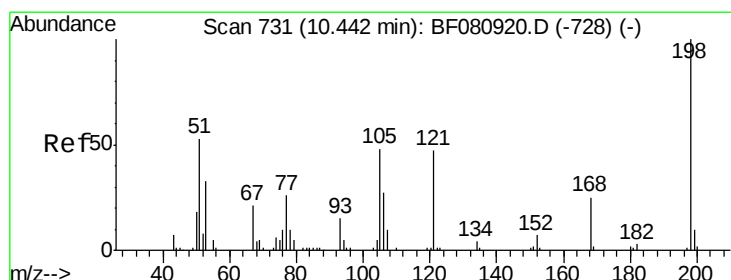
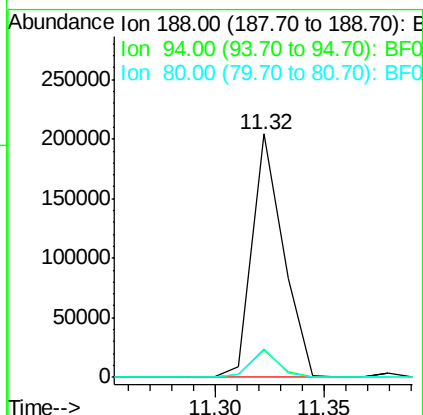
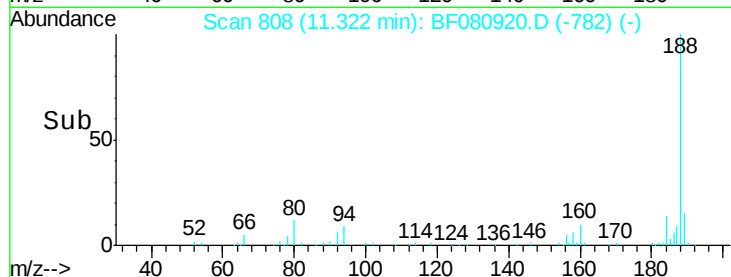
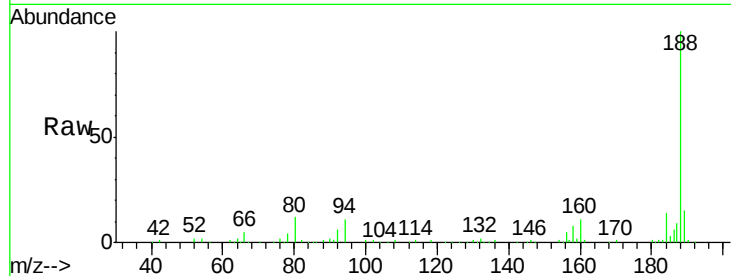
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.32 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 204362 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 11.0  | 8.8   | 13.2   |
| 80        | 11.9  | 9.5   | 14.3   |

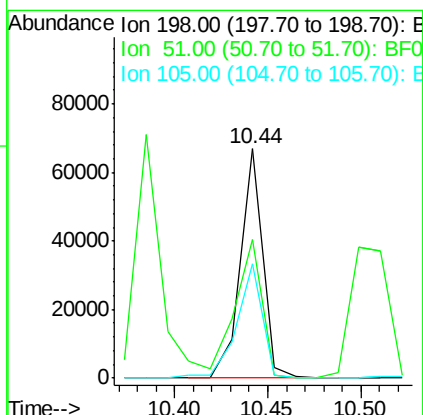
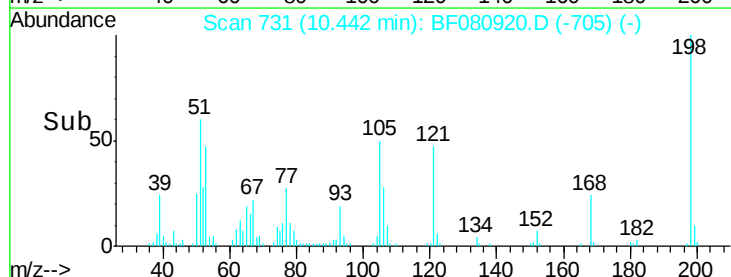
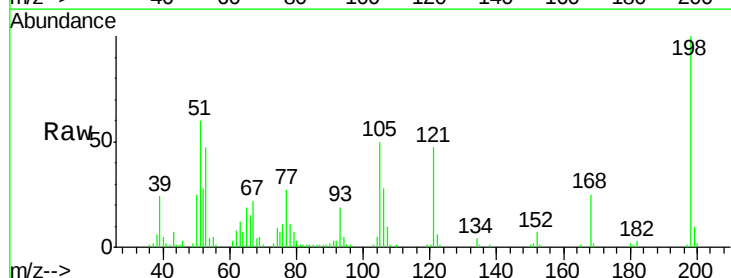
Manual Integrations  
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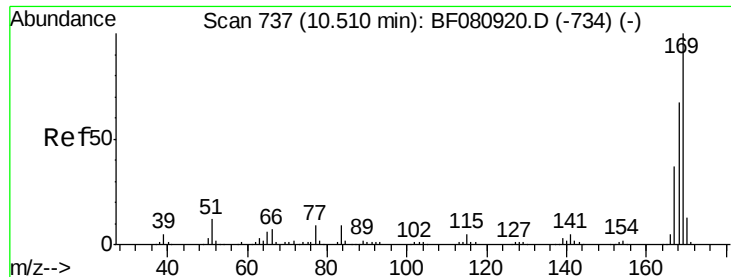
MMDadoda  
8/10/2015 7:17:29 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 44.15 ng  
RT: 10.44 min Scan# 731  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 55923 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 60.3  | 40.3  | 80.3  |
| 105       | 49.6  | 29.6  | 69.6  |





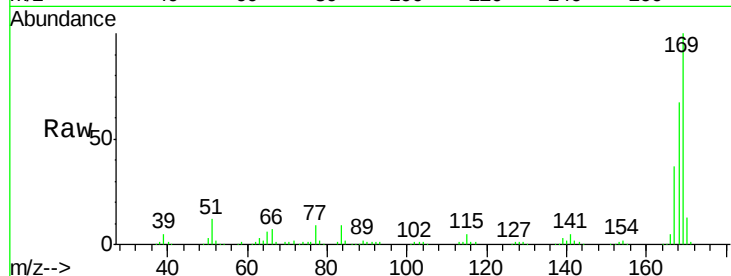
#65  
 n-Nitrosodiphenylamine  
 Concen: 41.72 ng  
 RT: 10.51 min Scan# 737  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 296203 |       |       |
| 168     | 67.1  | 53.7   | 80.5  |       |
| 167     | 36.6  | 29.3   | 43.9  |       |

Manual Integrations  
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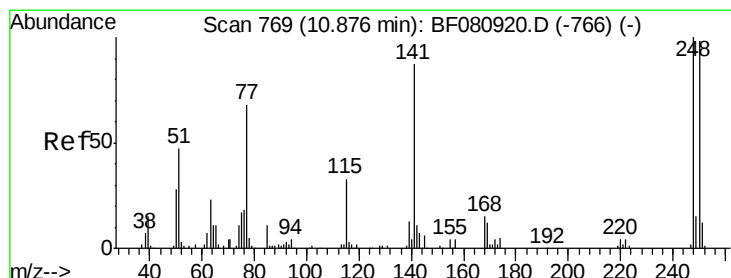
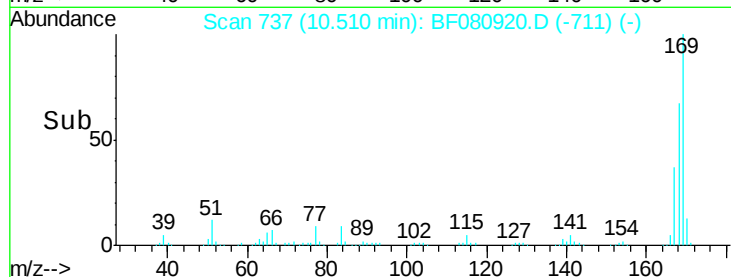
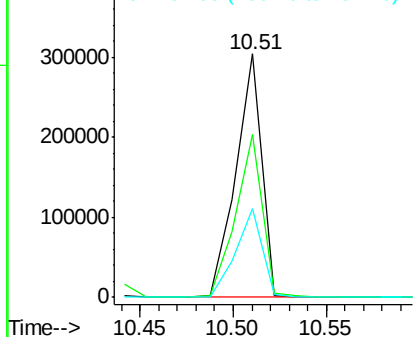


Abundance

Ion 169.00 (168.70 to 169.70): E

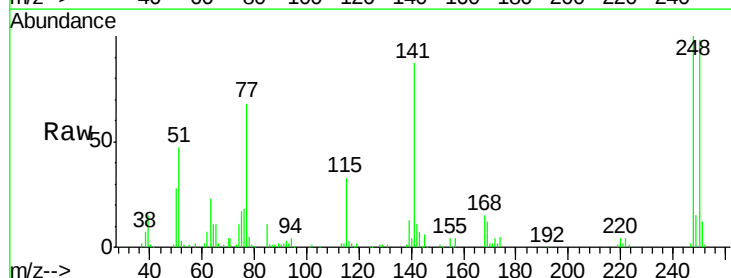
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66  
 4-Bromophenyl-phenylether  
 Concen: 39.28 ng  
 RT: 10.88 min Scan# 769  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 85026 |       |       |
| 250     | 97.6  | 78.1  | 117.1 |       |
| 141     | 87.0  | 69.6  | 104.4 |       |

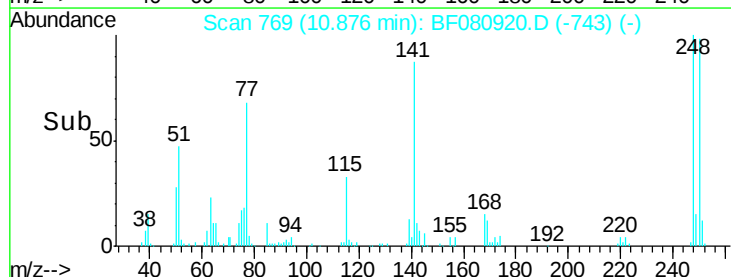
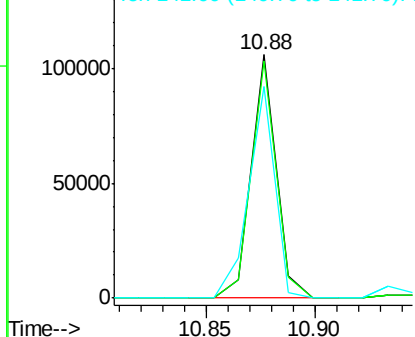


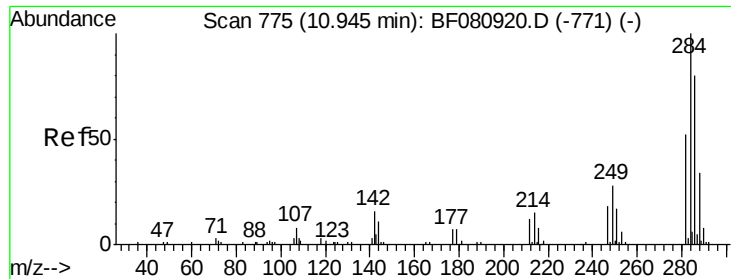
Abundance

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





#67

Hexachlorobenzene

Concen: 38.62 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

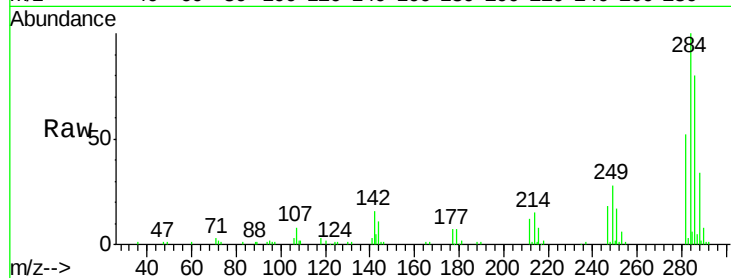
ClientSampleId :

SSTDICCC040

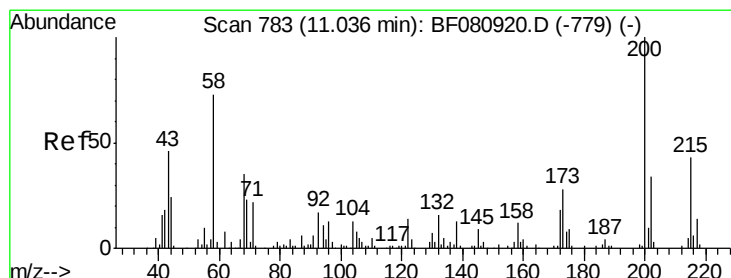
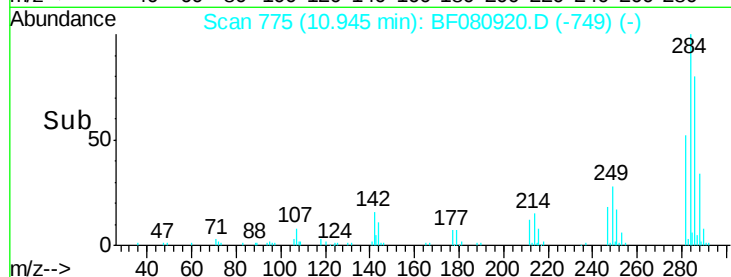
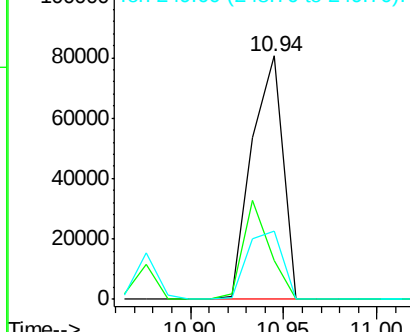
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 284   | Resp: | 92925 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 16.0  | 12.8  | 19.2  |
| 249       | 28.1  | 22.5  | 33.7  |

Manual Integrations  
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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: 41.56 ng

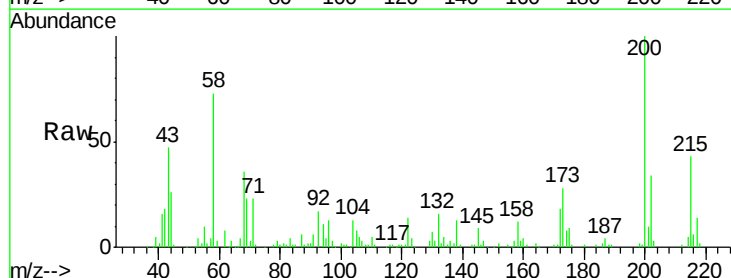
RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

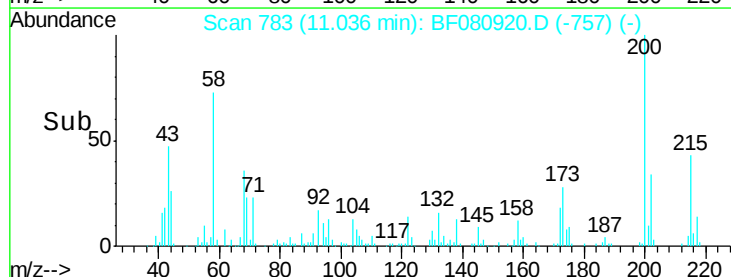
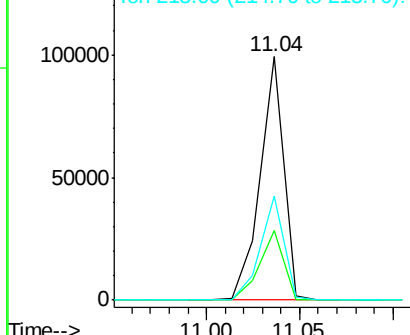
Lab File: BF080920.D

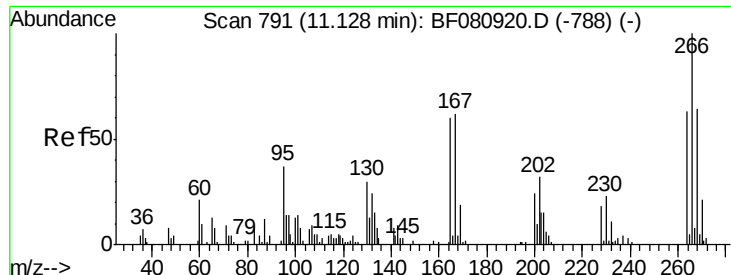
Acq: 7 Aug 2015 11:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 86510 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 28.4  | 8.4   | 48.4  |
| 215       | 42.7  | 22.7  | 62.7  |



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





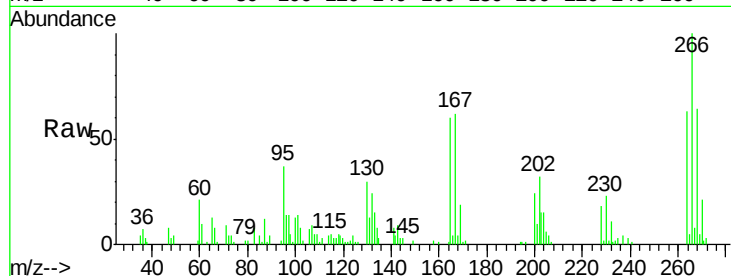
#69  
 Pentachlorophenol  
 Concen: 38.32 ng  
 RT: 11.13 min Scan# 791  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

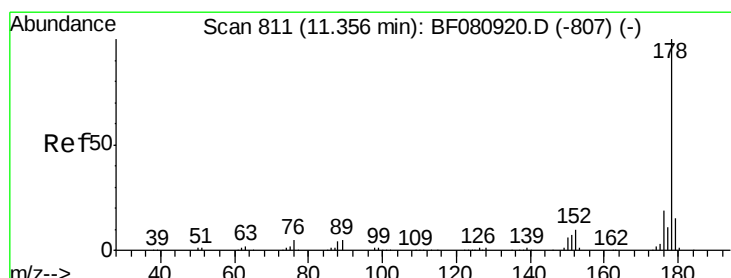
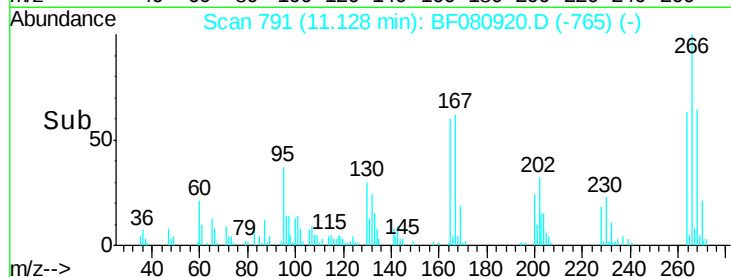
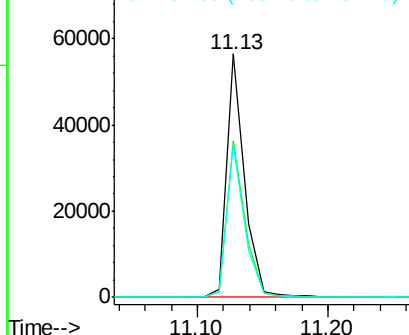
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 53625 |       |       |
| 268     | 64.5  |       | 51.6  | 77.4  |
| 264     | 62.6  |       | 50.1  | 75.1  |

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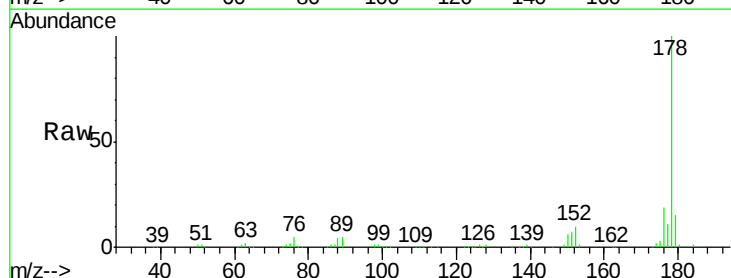


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

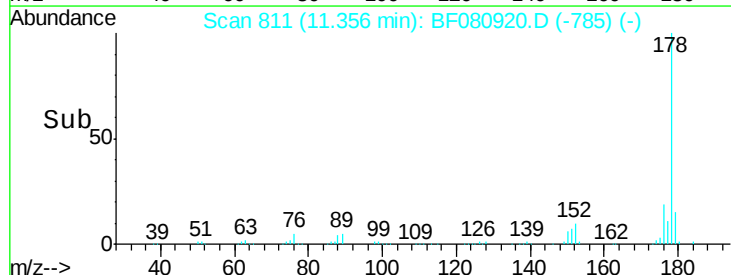
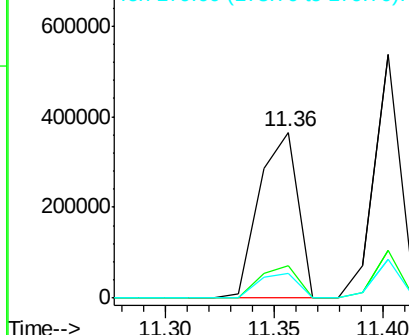


#70  
 Phenanthrene  
 Concen: 39.30 ng  
 RT: 11.36 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 454769 |       |       |
| 176     | 19.5  |        | 15.6  | 23.4  |
| 179     | 14.9  |        | 11.9  | 17.9  |



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





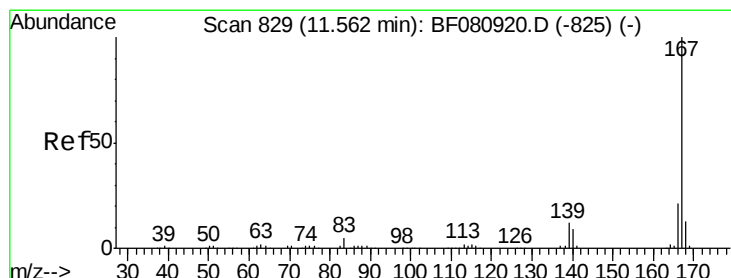
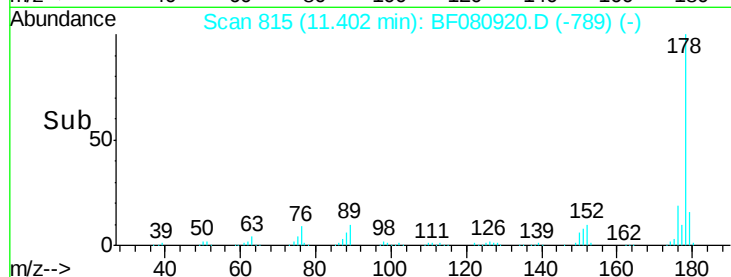
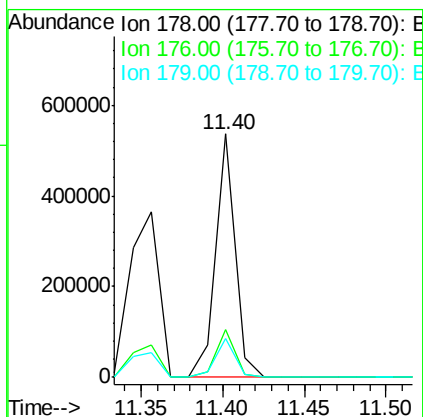
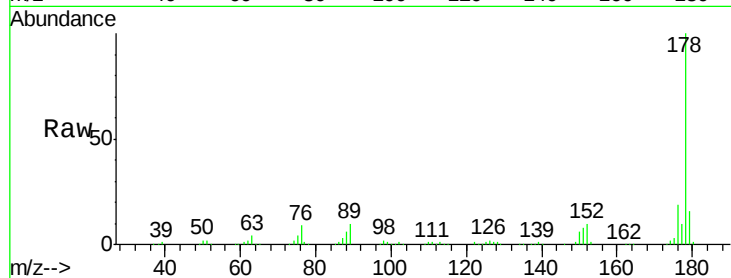
#71  
 Anthracene  
 Concen: 39.17 ng  
 RT: 11.40 min Scan# 815  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.5  | 23.3  |
| 179     | 15.7  | 12.6  | 18.8  |

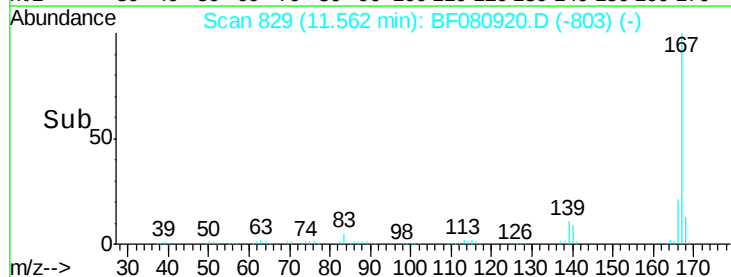
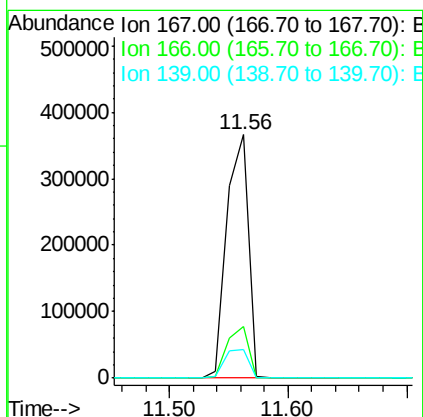
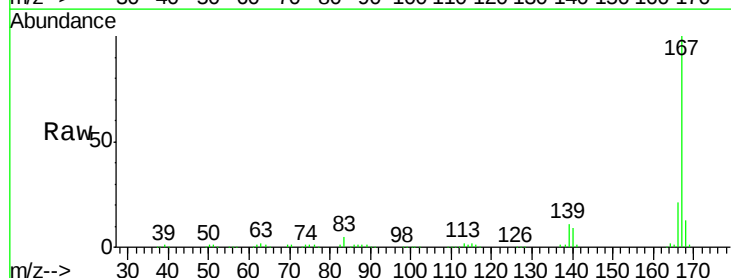
Manual Integrations  
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#72  
 Carbazole  
 Concen: 41.23 ng  
 RT: 11.56 min Scan# 829  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 17.1  | 25.7  |
| 139     | 11.5  | 9.2   | 13.8  |





#73

Di-n-butylphthalate

Concen: 38.38 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

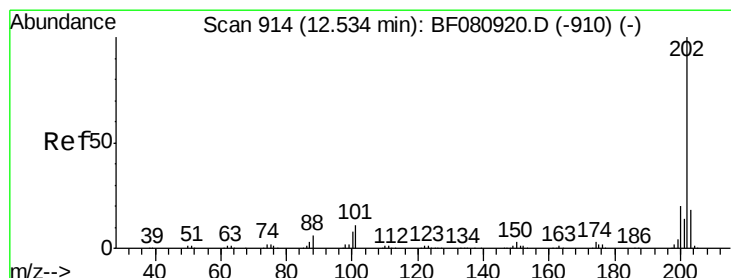
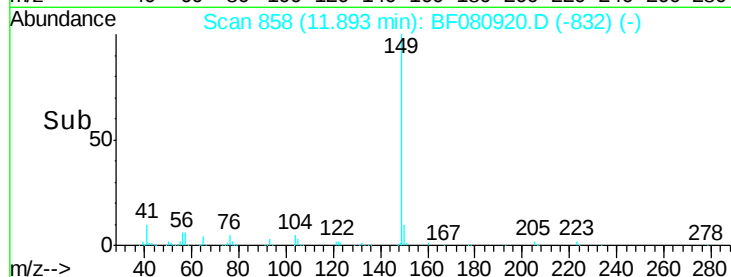
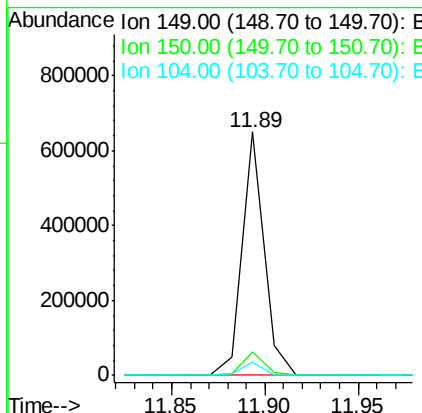
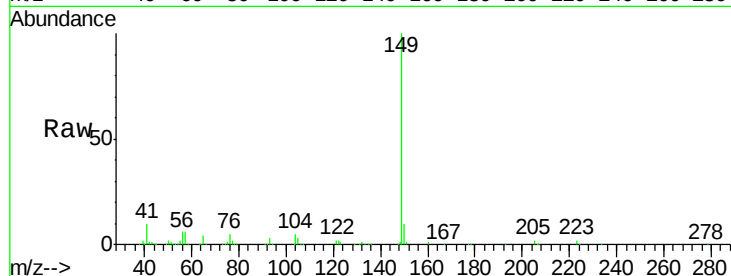
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 535368 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.5   | 7.6   | 11.4   |
| 104       | 5.5   | 4.4   | 6.6    |

Manual Integrations  
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#74

Fluoranthene

Concen: 42.10 ng

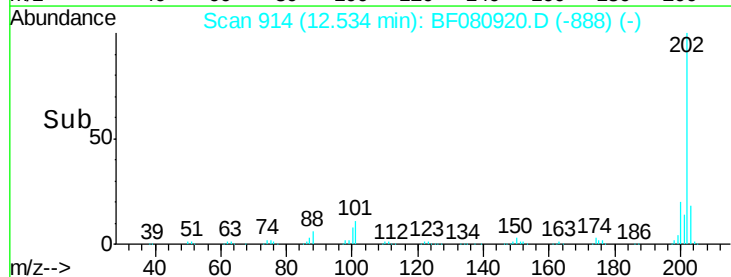
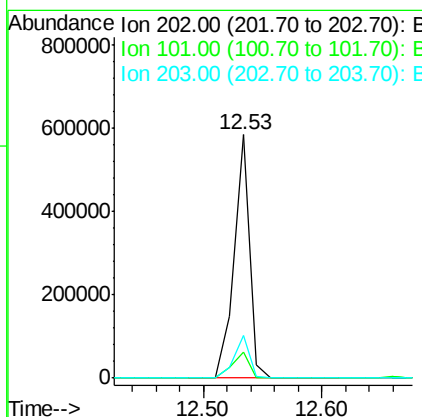
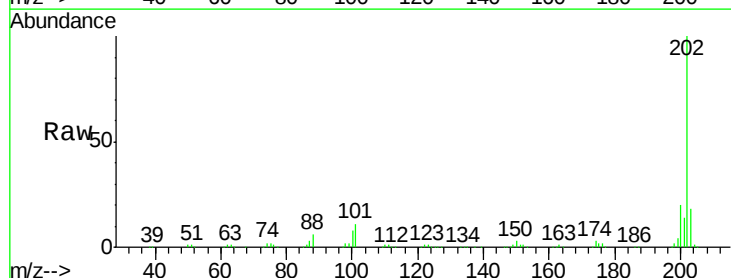
RT: 12.53 min Scan# 914

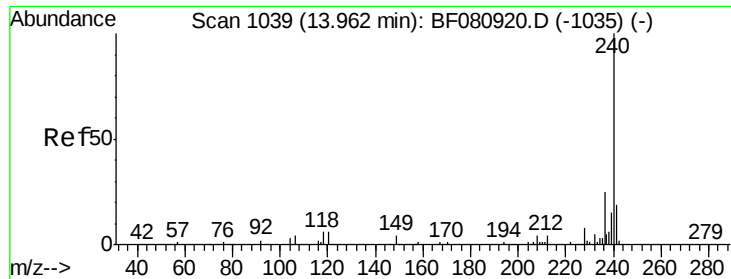
Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 526619 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.5  | 0.0   | 30.5   |
| 203       | 17.7  | 0.0   | 37.7   |





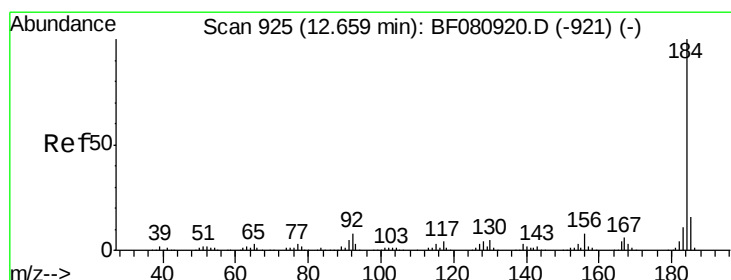
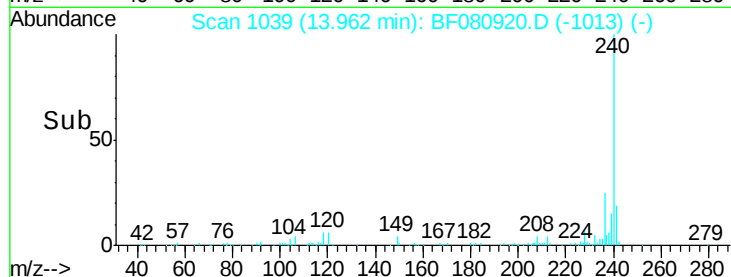
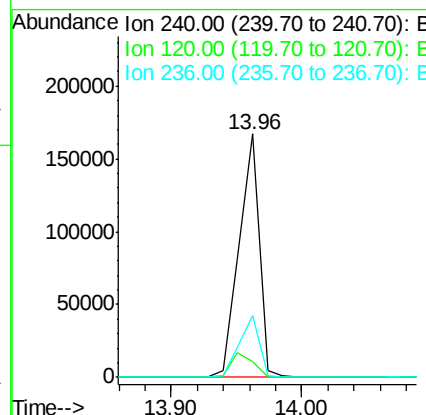
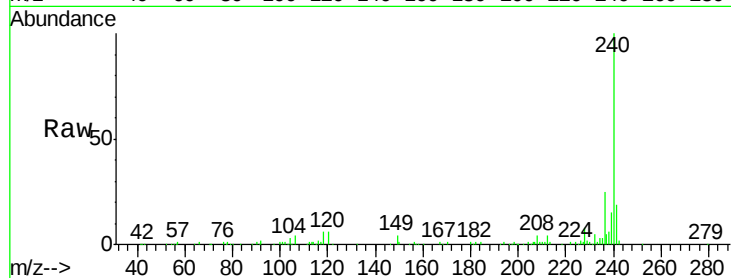
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.96 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.5   | 5.2   | 7.8   |
| 236     | 25.3  | 20.2  | 30.4  |

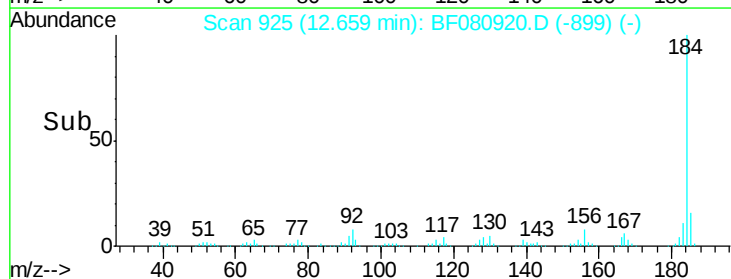
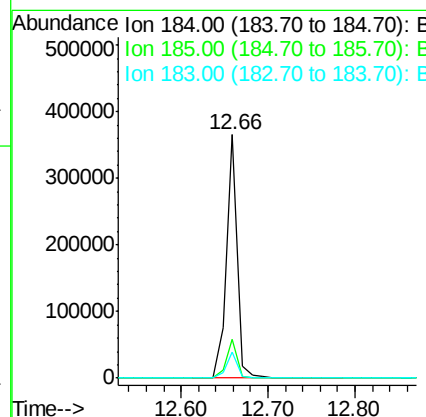
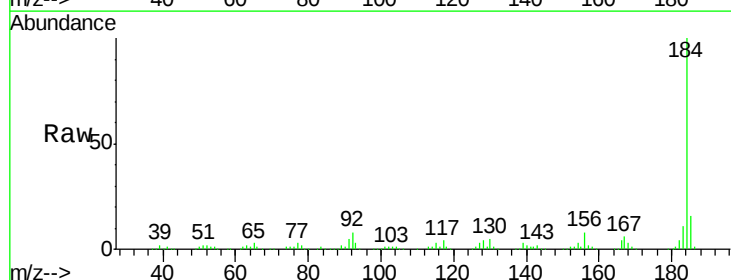
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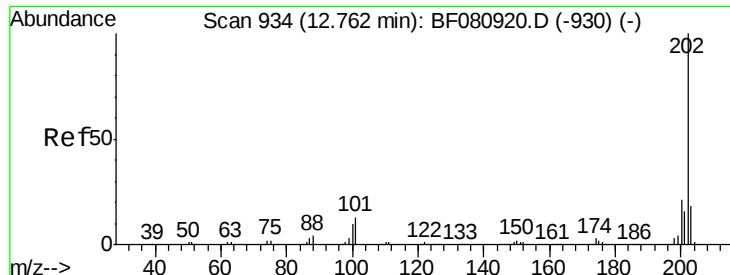
MMDadoda  
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#76  
Benzidine  
Concen: 45.88 ng  
RT: 12.66 min Scan# 925  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.2  | 13.0  | 19.4  |
| 183     | 10.9  | 8.7   | 13.1  |





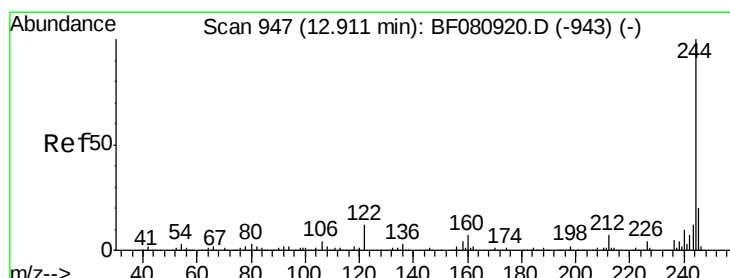
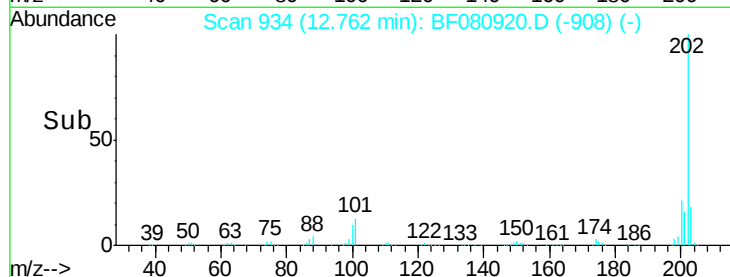
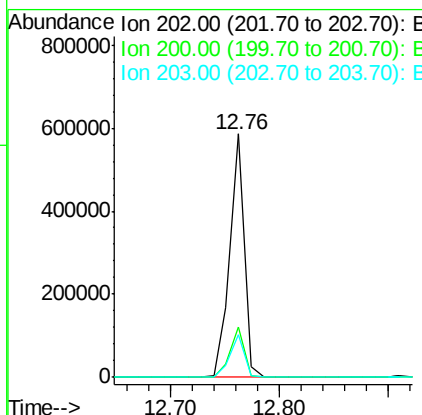
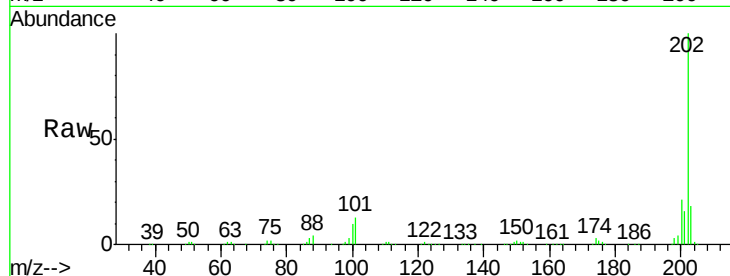
#77  
Pvrene  
Concen: 40.97 ng  
RT: 12.76 min Scan# 934  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 20.7  | 16.6       | 24.8  |
| 203     | 17.7  | 14.2       | 21.2  |

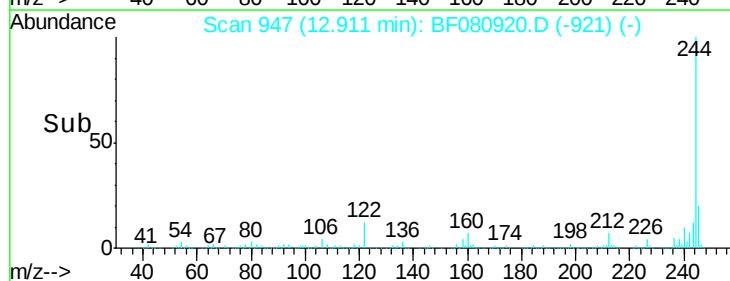
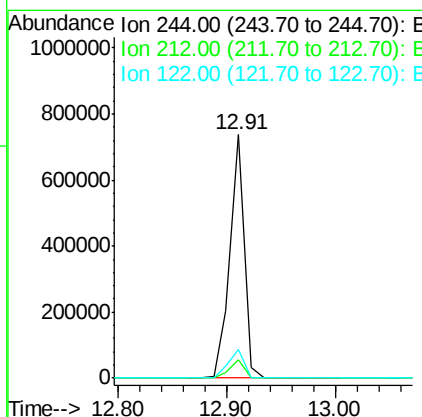
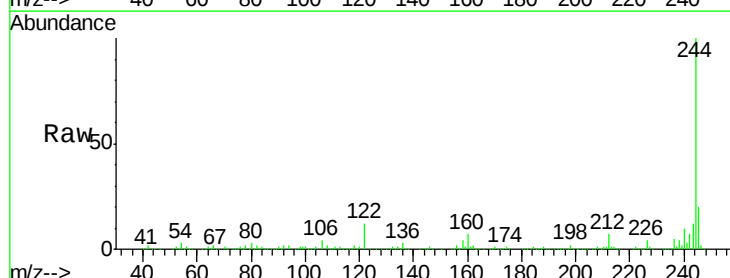
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#78  
Terphenyl-d14  
Concen: 77.88 ng  
RT: 12.91 min Scan# 947  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.3   | 5.8        | 8.8   |
| 122     | 11.8  | 9.4        | 14.2  |





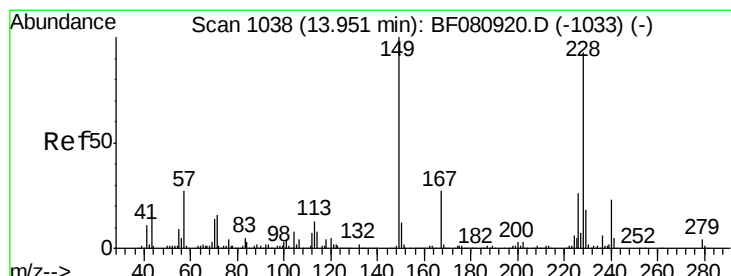
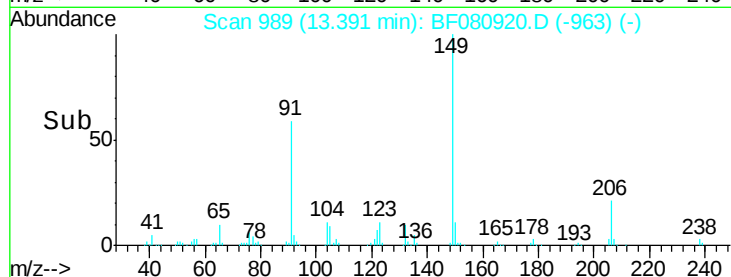
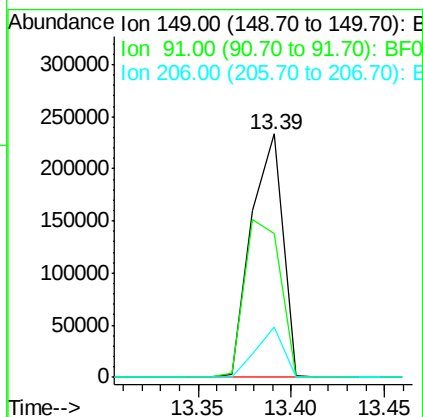
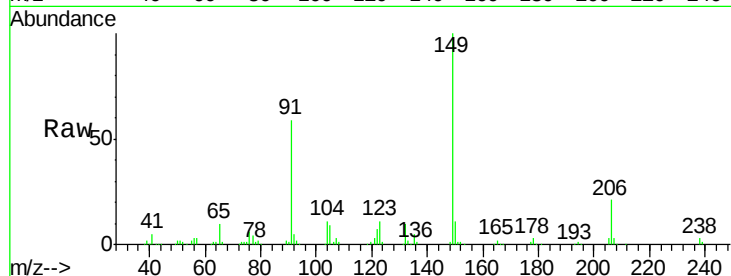
#79  
Butylbenzylphthalate  
Concen: 42.88 ng  
RT: 13.39 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 272316 |       |       |
| 91      | 59.0  | 47.2   | 70.8  |       |
| 206     | 20.6  | 16.5   | 24.7  |       |

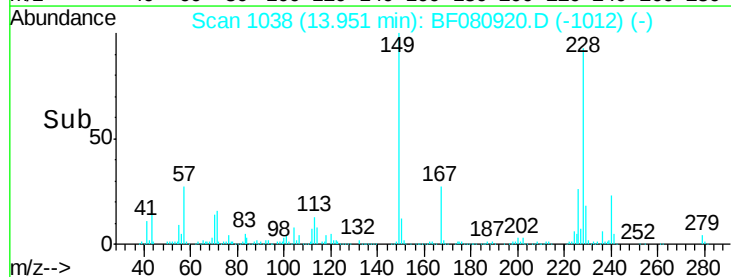
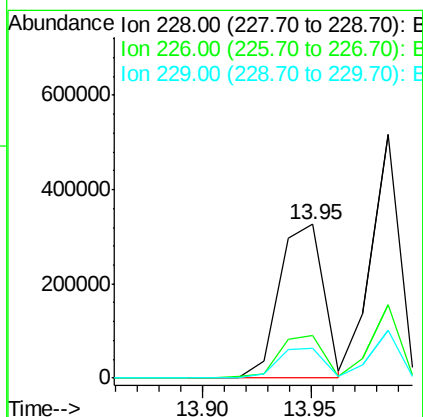
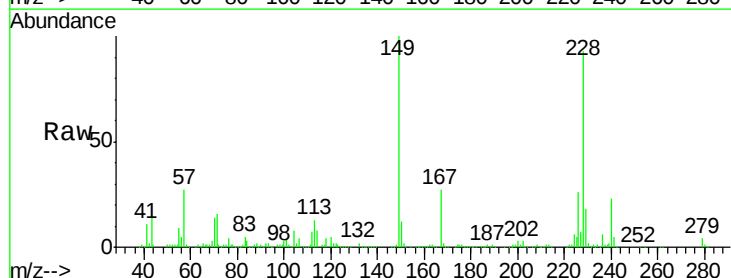
Manual Integrations  
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#80  
Benzo(a)anthracene  
Concen: 41.13 ng  
RT: 13.95 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 463241 |       |       |
| 226     | 27.7  | 22.2   | 33.2  |       |
| 229     | 19.7  | 15.8   | 23.6  |       |





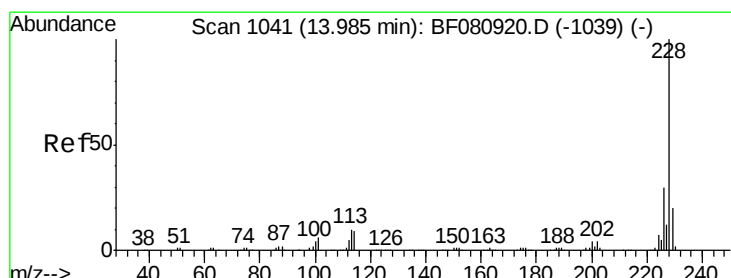
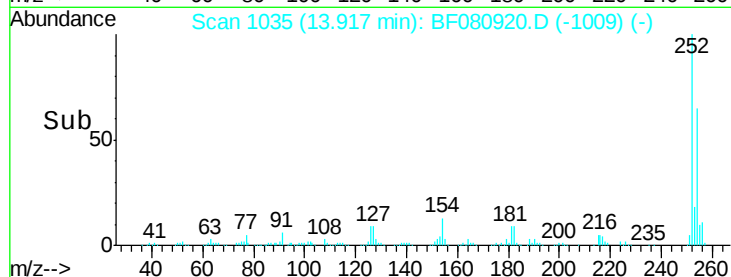
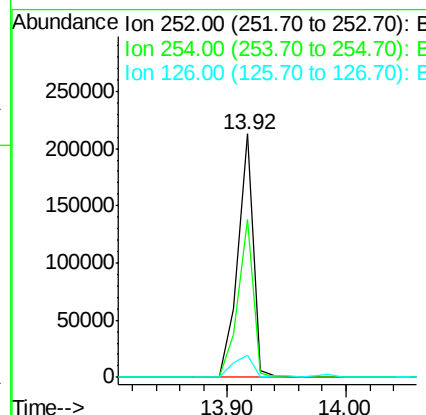
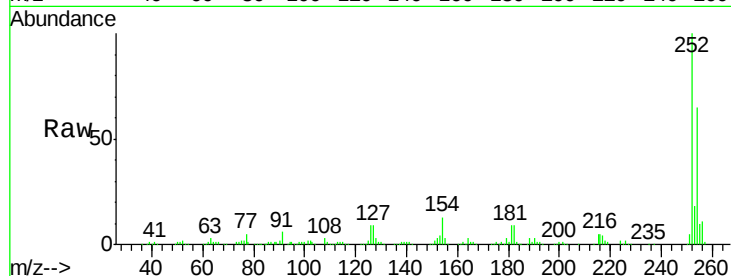
#81  
 3,3'-Dichlorobenzidine  
 Concen: 47.11 ng  
 RT: 13.92 min Scan# 1035  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 193021 |       |       |
| 254     | 64.6  | 51.7   | 77.5  |       |
| 126     | 8.9   | 7.1    | 10.7  |       |

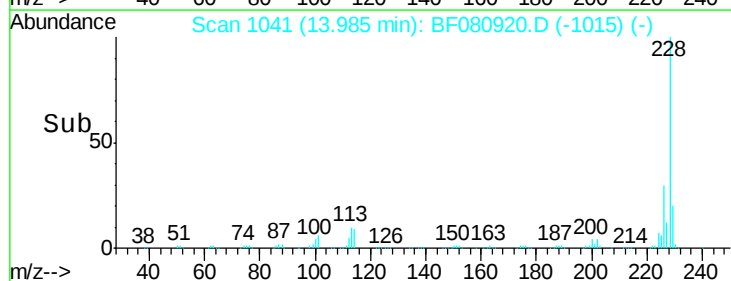
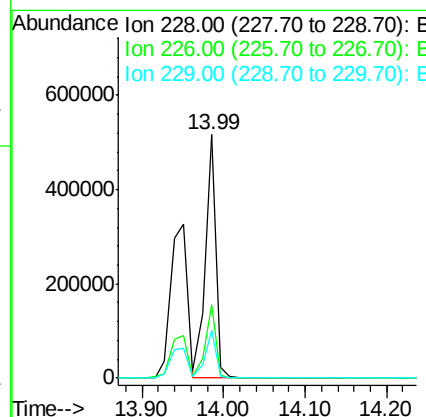
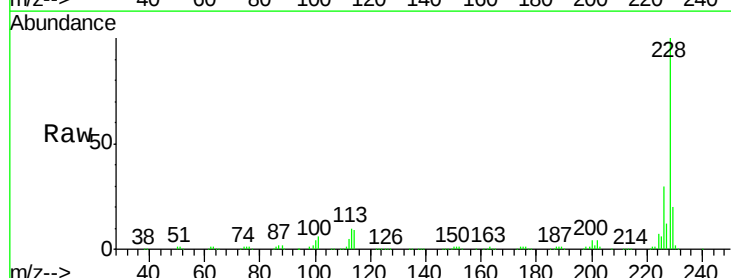
Manual Integrations  
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#82  
 Chrysene  
 Concen: 43.69 ng  
 RT: 13.99 min Scan# 1041  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 471214 |       |       |
| 226     | 29.9  | 23.9   | 35.9  |       |
| 229     | 19.7  | 15.8   | 23.6  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.39 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

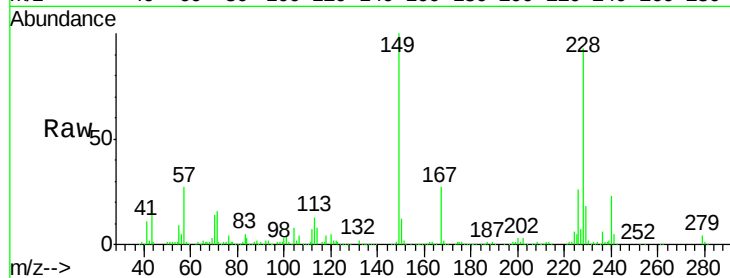
ClientSampleId :

SSTDICCC040

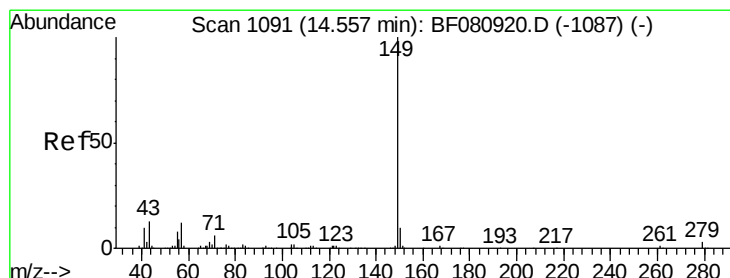
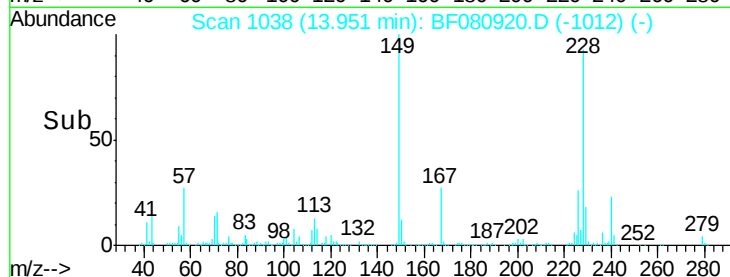
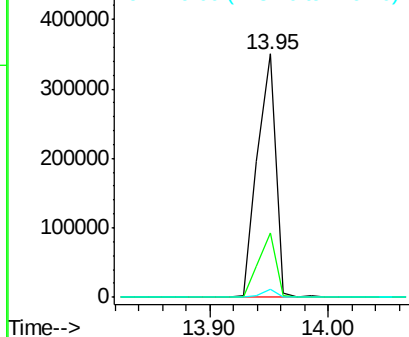
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 383446 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.7  | 21.4  | 32.0   |
| 279       | 3.6   | 2.9   | 4.3    |

Manual Integrations  
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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

Di-n-octyl phthalate

Concen: 44.98 ng

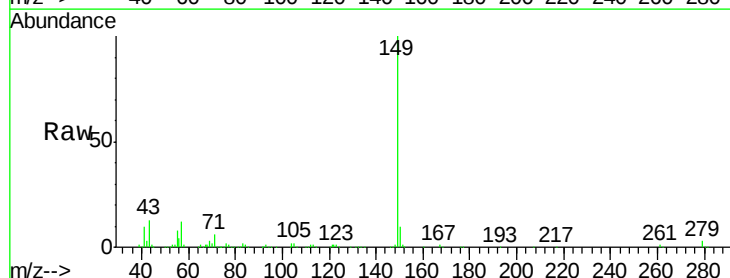
RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

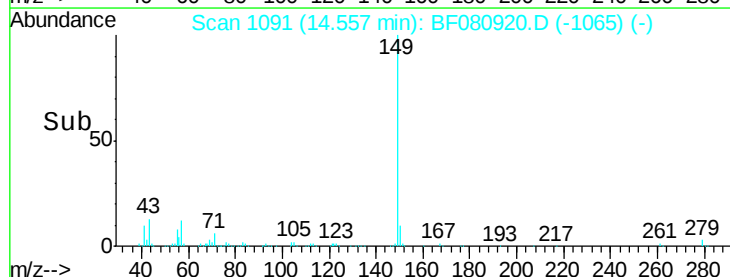
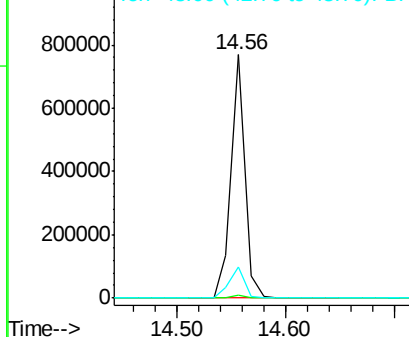
Lab File: BF080920.D

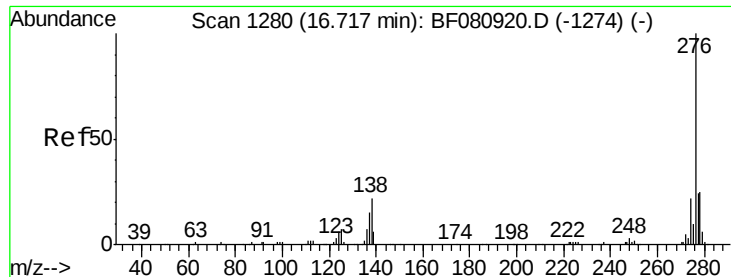
Acq: 7 Aug 2015 11:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 673959 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.4   | 1.1   | 1.7    |
| 43        | 13.7  | 11.0  | 16.4   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.03 ng

RT: 16.72 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

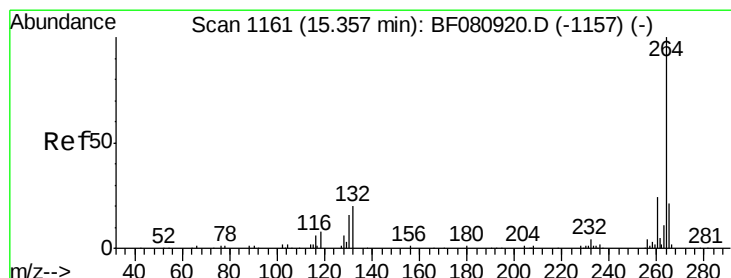
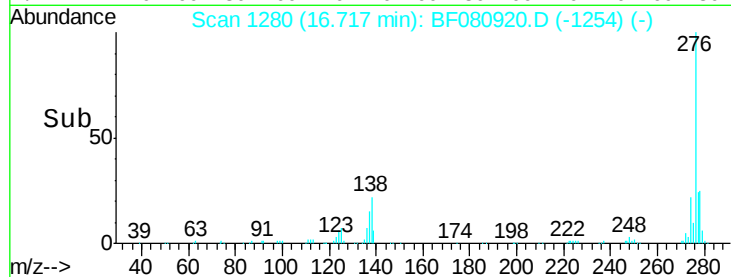
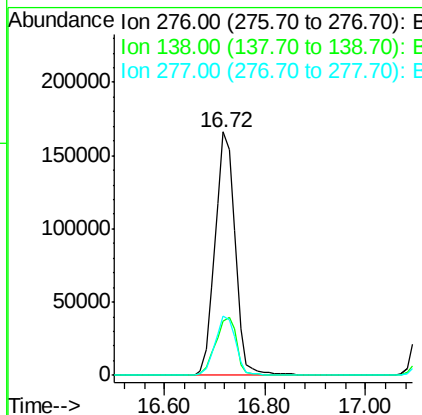
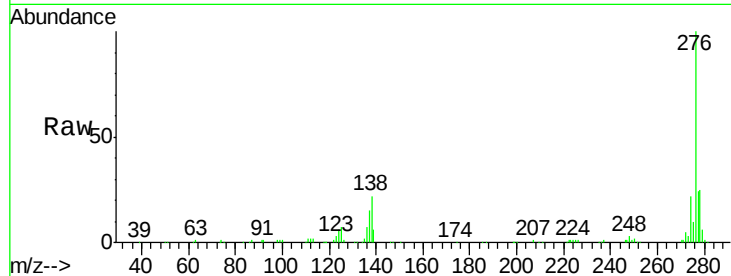
ClientSampleId :

SSTDICCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 462435 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 138       | 24.9 | 19.9  | 29.9   |
| 277       | 24.6 | 19.7  | 29.5   |

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#86

Perylene-d12

Concen: 20.00 ng

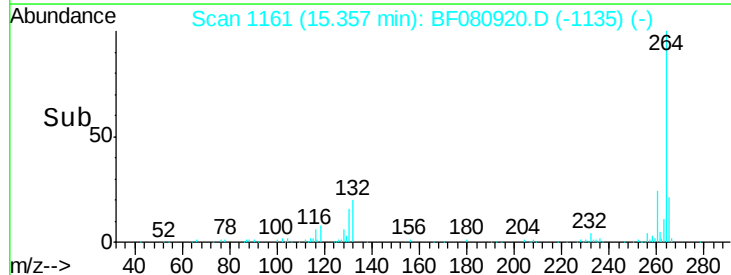
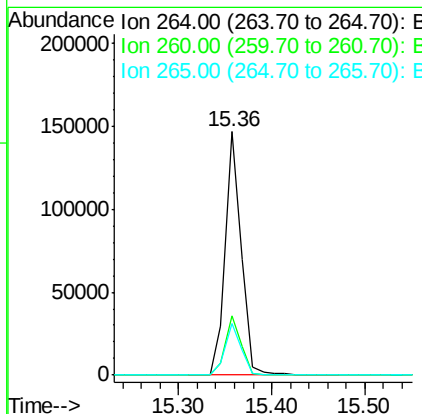
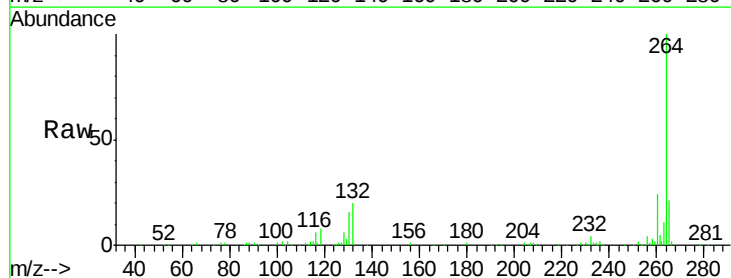
RT: 15.36 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 264  | Resp: | 175781 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 24.2 | 19.4  | 29.0   |
| 265       | 21.2 | 17.0  | 25.4   |





#87

Benzo(b)fluoranthene

Concen: 42.72 ng m

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA\_F

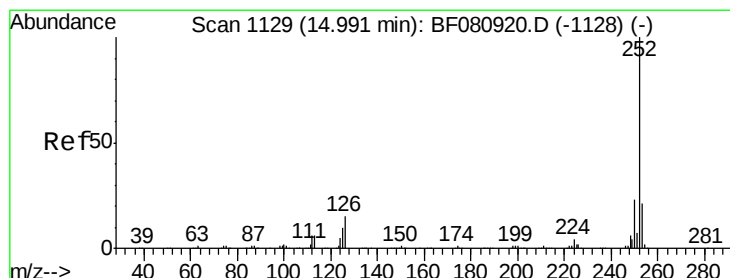
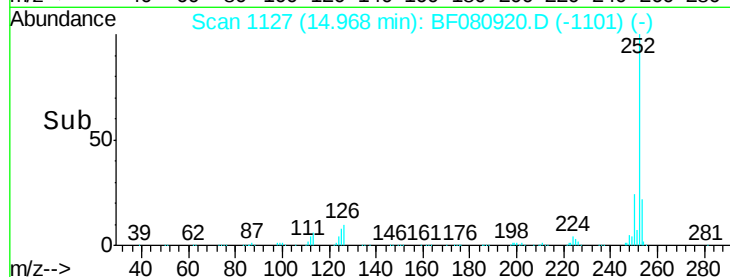
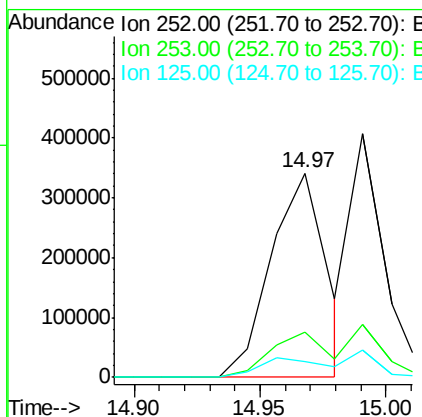
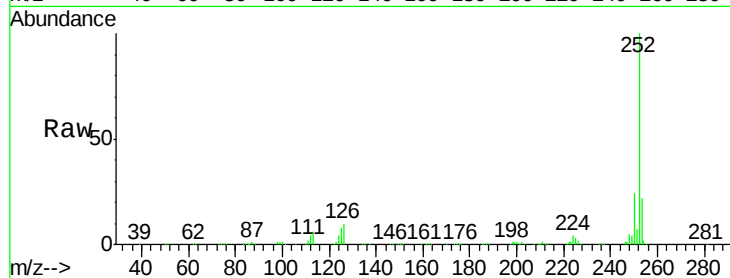
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 522183 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.6  | 26.4   |
| 125       | 7.6   | 6.1   | 9.1    |

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#88

Benzo(k)fluoranthene

Concen: 35.38 ng m

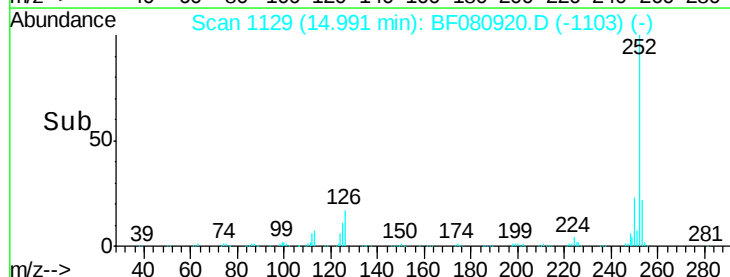
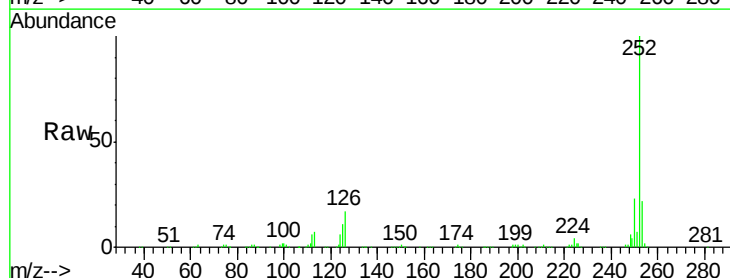
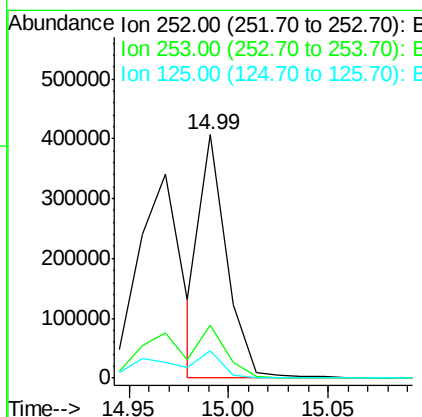
RT: 14.99 min Scan# 1129

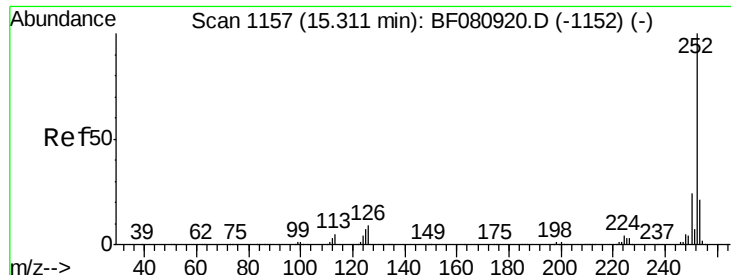
Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 376971 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.8  | 17.4  | 26.2   |
| 125       | 11.3  | 9.0   | 13.6   |





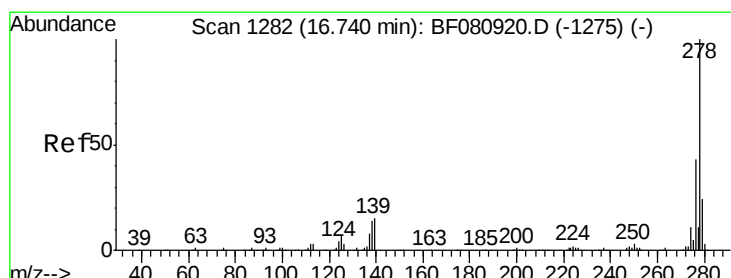
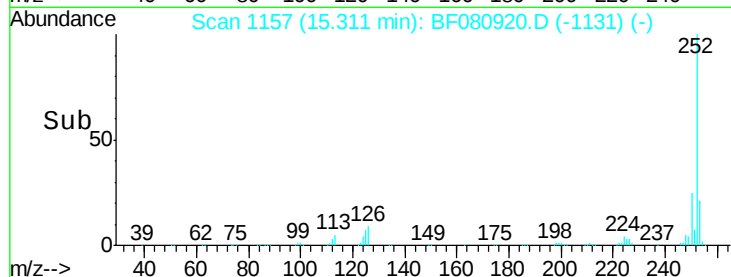
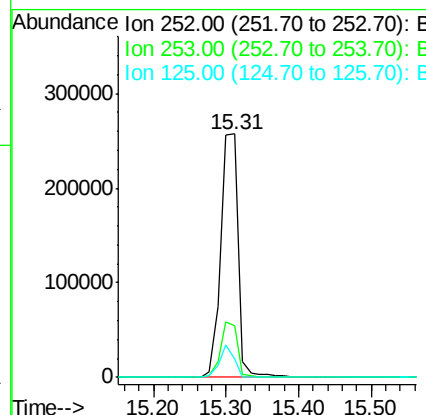
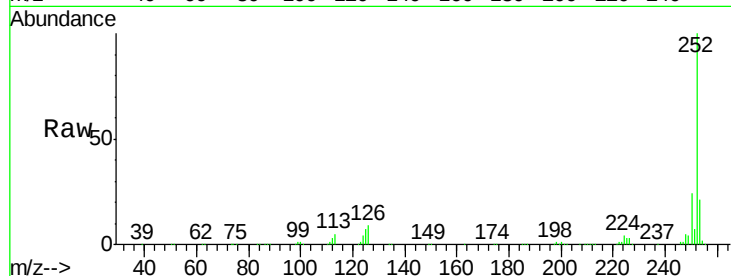
#89  
Benzo(a)pyrene  
Concen: 41.13 ng  
RT: 15.31 min Scan# 1157  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 16.9  | 25.3  |
| 125     | 7.3   | 5.8   | 8.8   |

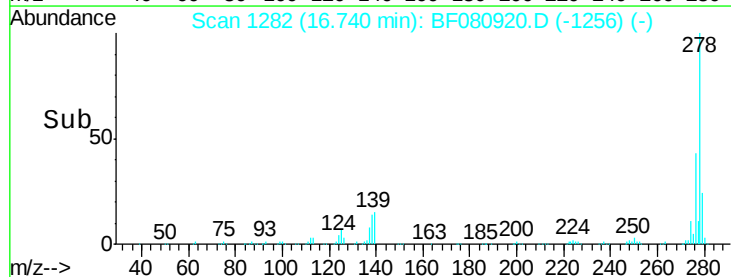
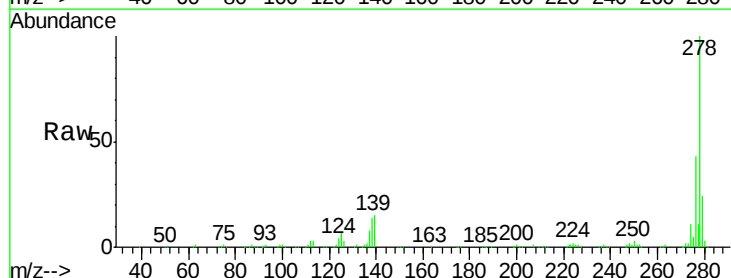
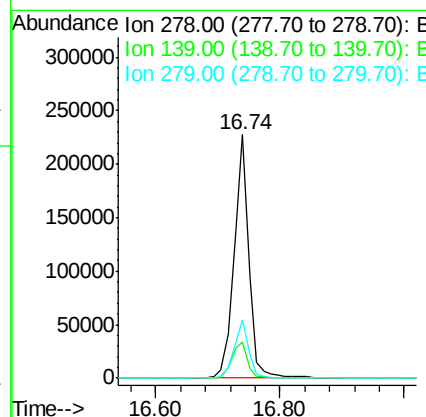
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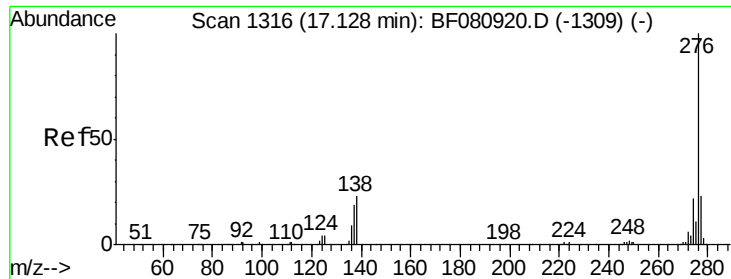
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#90  
Dibenzo(a,h)anthracene  
Concen: 40.50 ng  
RT: 16.74 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: BF080920.D  
Acq: 7 Aug 2015 11:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.9  | 11.9  | 17.9  |
| 279     | 23.8  | 19.0  | 28.6  |





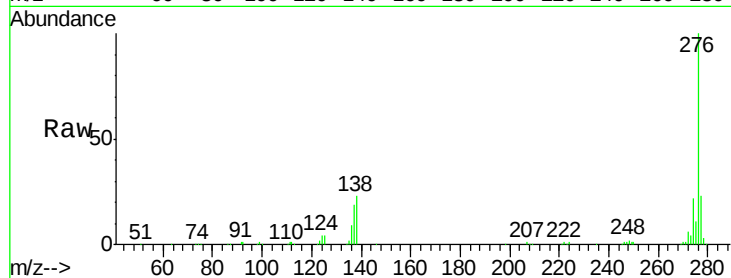
#91  
 Benzo(a,h,i)perylene  
 Concen: 41.38 ng  
 RT: 17.13 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: BF080920.D  
 Acq: 7 Aug 2015 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 276     | 100  |       |      |       |       |
| 277     | 23.3 | 18.6  | 28.0 |       |       |
| 138     | 23.0 | 18.4  | 27.6 |       |       |

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

