

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090215\  
 Data File : BF081338.D  
 Acq On : 2 Sep 2015 9:37  
 Operator : UM/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

MMDadoda  
 9/3/2015 1:42:41 PM

Quant Time: Sep 02 23:26:02 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 22:52:41 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.39  | 152  | 58255    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.68  | 136  | 219914   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.42  | 164  | 100019   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 10.88 | 188  | 198040   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.50 | 240  | 172862   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 14.80 | 264  | 121780   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 4.92  | 112 | 304427 | 81.08 | ng | 0.00 |
| 7) Phenol-d6             | 6.06  | 99  | 409086 | 82.31 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 6.97  | 82  | 369076 | 80.97 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.20 | 330 | 76976  | 86.43 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 8.76  | 172 | 662681 | 84.91 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.47 | 244 | 534665 | 72.00 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.72 | 88  | 70360   | 41.72 | ng | 95     |
| 3) Pyridine                    | 2.27 | 79  | 168627  | 36.26 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 2.24 | 42  | 102015  | 39.49 | ng | # 79   |
| 6) Aniline                     | 6.04 | 93  | 268749  | 38.29 | ng | # 72   |
| 8) 2-Chlorophenol              | 6.17 | 128 | 164317  | 39.71 | ng | 82     |
| 9) Benzaldehyde                | 5.92 | 77  | 121610  | 39.05 | ng | # 71   |
| 10) Phenol                     | 6.07 | 94  | 252731  | 43.85 | ng | # 61   |
| 11) bis(2-Chloroethyl)ether    | 6.15 | 93  | 166711  | 40.09 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.33 | 146 | 171998  | 38.91 | ng | # 95   |
| 13) 1,4-Dichlorobenzene        | 6.41 | 146 | 175143  | 38.91 | ng | # 94   |
| 14) 1,2-Dichlorobenzene        | 6.56 | 146 | 161808m | 39.93 | ng |        |
| 15) Benzyl Alcohol             | 6.56 | 79  | 169932  | 41.68 | ng | # 77   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.70 | 45  | 309912  | 38.88 | ng | 92     |
| 17) 2-Methylphenol             | 6.68 | 107 | 138076  | 41.82 | ng | # 80   |
| 18) Hexachloroethane           | 6.90 | 117 | 71167   | 40.64 | ng | # 88   |
| 19) n-Nitroso-di-n-propylamine | 6.83 | 70  | 126249  | 37.32 | ng | # 86   |
| 20) 3+4-Methylphenols          | 6.84 | 107 | 177272  | 39.83 | ng | 88     |
| 22) Acetophenone               | 6.82 | 105 | 248869  | 41.43 | ng | # 79   |
| 24) Nitrobenzene               | 6.99 | 77  | 190750  | 40.30 | ng | # 77   |
| 25) Isophorone                 | 7.23 | 82  | 329988  | 38.92 | ng | # 83   |
| 26) 2-Nitrophenol              | 7.30 | 139 | 75219   | 36.46 | ng | # 21   |
| 27) 2,4-Dimethylphenol         | 7.37 | 122 | 155375  | 43.60 | ng | # 79   |
| 28) bis(2-Chloroethoxy)methane | 7.46 | 93  | 216764  | 44.26 | ng | # 93   |
| 29) 2,4-Dichlorophenol         | 7.55 | 162 | 126814  | 41.04 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 7.63 | 180 | 137339  | 40.91 | ng | 99     |
| 31) Naphthalene                | 7.70 | 128 | 473717  | 40.39 | ng | 98     |
| 32) Benzoic acid               | 7.52 | 122 | 83605   | 33.66 | ng | # 55   |
| 33) 4-Chloroaniline            | 7.77 | 127 | 202259  | 42.28 | ng | # 91   |
| 34) Hexachlorobutadiene        | 7.83 | 225 | 85376   | 41.79 | ng | 97     |
| 35) Caprolactam                | 8.15 | 113 | 38761   | 40.90 | ng | # 21   |
| 36) 4-Chloro-3-methylphenol    | 8.26 | 107 | 134714  | 38.95 | ng | # 71   |
| 37) 2-Methylnaphthalene        | 8.39 | 142 | 268824  | 35.22 | ng | # 88   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.56 | 216 | 132627  | 41.93 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 8.55 | 237 | 62404   | 40.20 | ng | 97     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090215\  
 Data File : BF081338.D  
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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

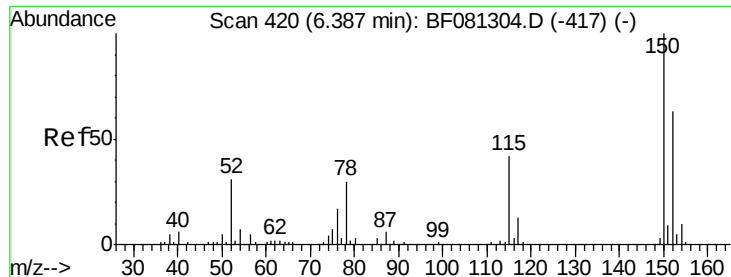
MMDadoda  
 9/3/2015 1:42:41 PM

Quant Time: Sep 02 23:26:02 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 22:52:41 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.67  | 196  | 83434    | 38.22 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 8.72  | 196  | 96194    | 43.19 | ng #  | 93       |
| 45) 1,1'-Biphenyl              | 8.86  | 154  | 338344   | 36.77 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 8.88  | 162  | 274633   | 41.33 | ng    | 95       |
| 47) 2-Nitroaniline             | 8.98  | 65   | 119811   | 44.24 | ng #  | 62       |
| 48) Acenaphthylene             | 9.28  | 152  | 427614   | 36.27 | ng    | 97       |
| 49) Dimethylphthalate          | 9.18  | 163  | 322685   | 41.52 | ng #  | 97       |
| 50) 2,6-Dinitrotoluene         | 9.23  | 165  | 74343    | 42.15 | ng #  | 68       |
| 51) Acenaphthene               | 9.45  | 154  | 239454   | 35.70 | ng    | 90       |
| 52) 3-Nitroaniline             | 9.39  | 138  | 84169    | 41.92 | ng #  | 46       |
| 53) 2,4-Dinitrophenol          | 9.50  | 184  | 32823    | 44.18 | ng #  | 1        |
| 54) Dibenzofuran               | 9.62  | 168  | 360773   | 36.84 | ng #  | 83       |
| 55) 4-Nitrophenol              | 9.58  | 139  | 57035    | 45.21 | ng #  | 49       |
| 56) 2,4-Dinitrotoluene         | 9.63  | 165  | 90386    | 40.25 | ng #  | 89       |
| 57) Fluorene                   | 9.96  | 166  | 324970   | 43.73 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.75  | 232  | 69494    | 40.87 | ng    | 90       |
| 59) Diethylphthalate           | 9.87  | 149  | 330647   | 40.45 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 9.96  | 204  | 137054   | 39.57 | ng #  | 81       |
| 61) 4-Nitroaniline             | 10.00 | 138  | 75465    | 37.20 | ng #  | 22       |
| 62) Azobenzene                 | 10.12 | 77   | 390349   | 42.95 | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.03 | 198  | 51525    | 46.52 | ng    | 87       |
| 65) n-Nitrosodiphenylamine     | 10.09 | 169  | 287849   | 39.94 | ng    | 91       |
| 66) 4-Bromophenyl-phenylether  | 10.44 | 248  | 72726    | 36.32 | ng #  | 76       |
| 67) Hexachlorobenzene          | 10.50 | 284  | 83025    | 39.65 | ng #  | 87       |
| 68) Atrazine                   | 10.63 | 200  | 89437    | 42.89 | ng    | 82       |
| 69) Pentachlorophenol          | 10.70 | 266  | 37581    | 41.58 | ng    | 99       |
| 70) Phenanthrene               | 10.91 | 178  | 456657   | 41.48 | ng    | 97       |
| 71) Anthracene                 | 10.96 | 178  | 448649   | 39.66 | ng    | 98       |
| 72) Carbazole                  | 11.12 | 167  | 368567   | 34.72 | ng #  | 96       |
| 73) Di-n-butylphthalate        | 11.47 | 149  | 489315   | 39.04 | ng #  | 98       |
| 74) Fluoranthene               | 12.08 | 202  | 463425   | 38.88 | ng    | 90       |
| 76) Benzidine                  | 12.22 | 184  | 259403   | 34.96 | ng    | 97       |
| 77) Pyrene                     | 12.31 | 202  | 482369   | 37.67 | ng    | 97       |
| 79) Butylbenzylphthalate       | 12.95 | 149  | 204162   | 36.66 | ng #  | 65       |
| 80) Benzo(a)anthracene         | 13.49 | 228  | 452240   | 41.08 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 13.46 | 252  | 134246   | 36.15 | ng #  | 93       |
| 82) Chrysene                   | 13.52 | 228  | 313747   | 31.79 | ng    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 13.52 | 149  | 285793   | 38.89 | ng #  | 89       |
| 84) Di-n-octyl phthalate       | 14.13 | 149  | 476981   | 39.42 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 15.89 | 276  | 280790   | 38.78 | ng #  | 86       |
| 87) Benzo(b)fluoranthene       | 14.48 | 252  | 412772m  | 47.48 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.50 | 252  | 246706m  | 34.20 | ng    |          |
| 89) Benzo(a)pyrene             | 14.75 | 252  | 285600   | 38.77 | ng #  | 87       |
| 90) Dibenzo(a,h)anthracene     | 15.91 | 278  | 237281   | 41.68 | ng #  | 78       |
| 91) Benzo(g,h,i)perylene       | 16.22 | 276  | 222932   | 41.03 | ng #  | 73       |

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





#1

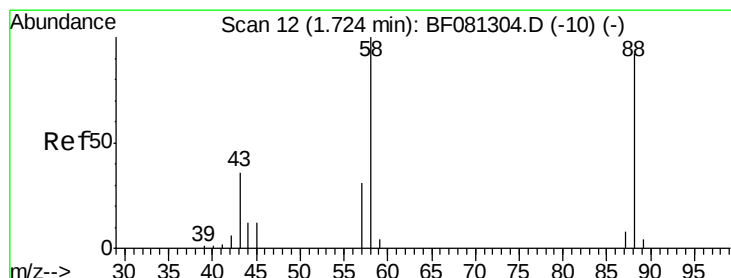
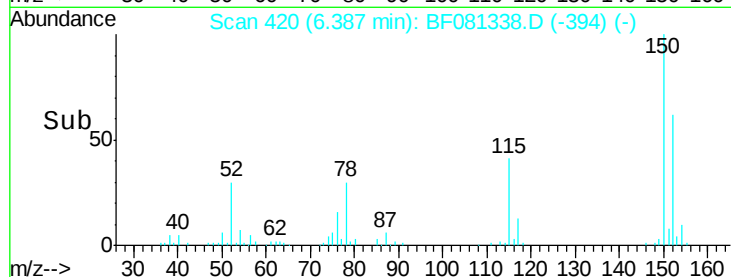
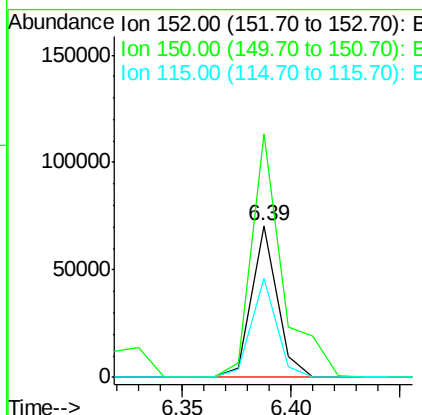
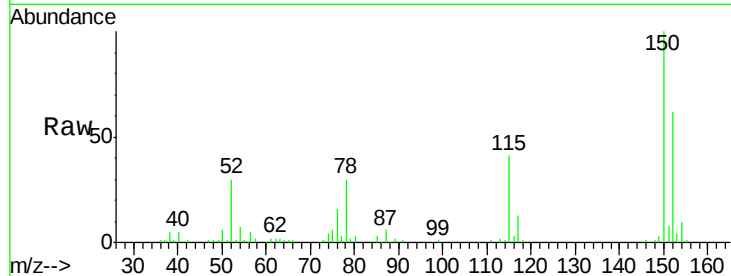
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.39 min Scan# 420  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.2 | 124.7 | 187.1 |
| 115     | 65.5  | 39.0  | 58.4  |

Manual Integrations  
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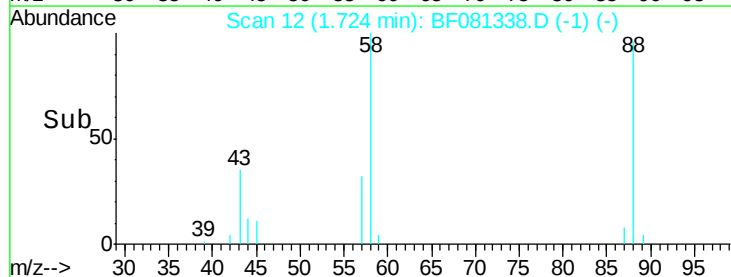
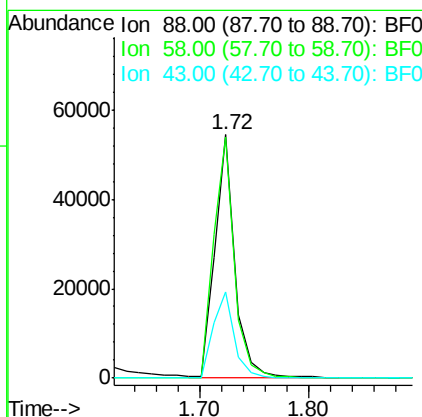
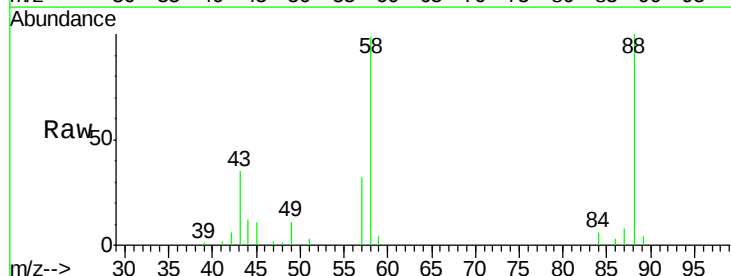
MMDadoda  
9/3/2015 1:42:41 PM

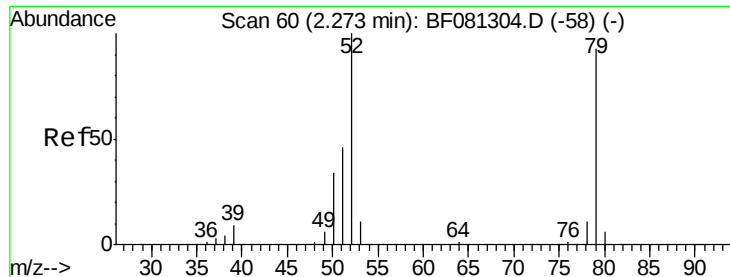


#2

1,4-Dioxane  
Concen: 41.72 ng  
RT: 1.72 min Scan# 12  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 101.3 | 77.7  | 116.5 |
| 43      | 36.8  | 26.6  | 40.0  |





#3

Pyridine

Concen: 36.26 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

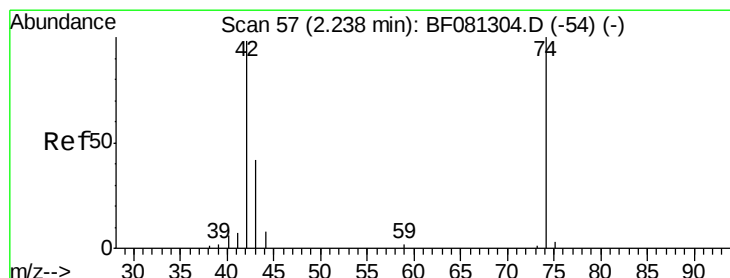
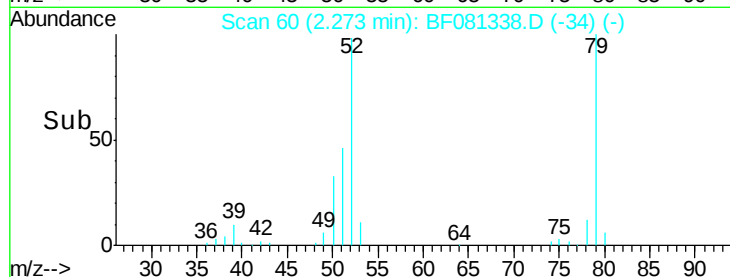
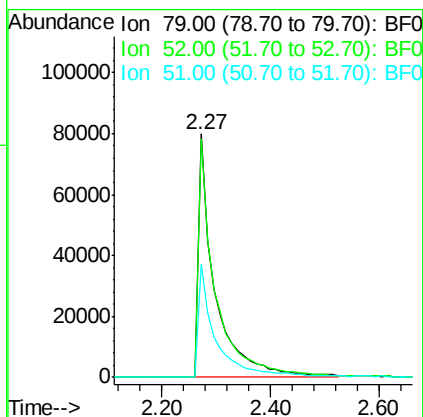
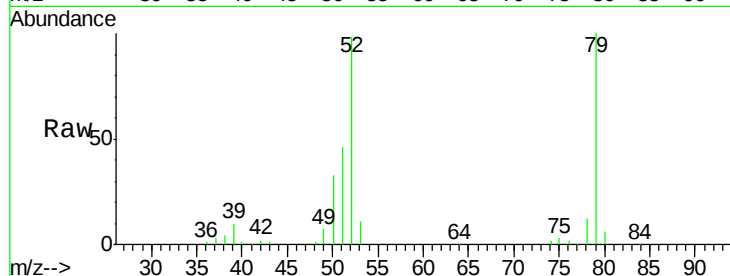
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 168627 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 98.2  | 76.8  | 115.2  |
| 51        | 46.3  | 32.2  | 48.4   |

Manual Integrations  
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9/3/2015 1:42:41 PM



#4

n-Nitrosodimethylamine

Concen: 39.49 ng

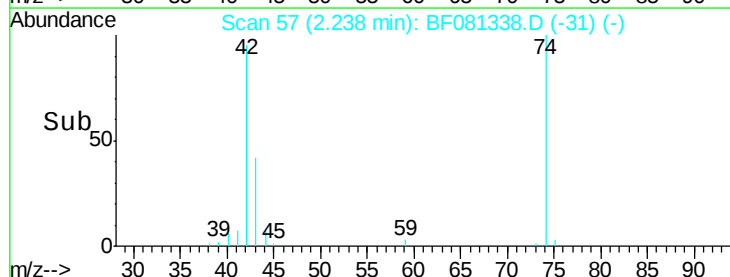
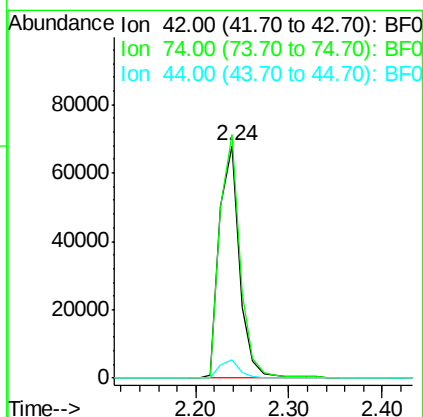
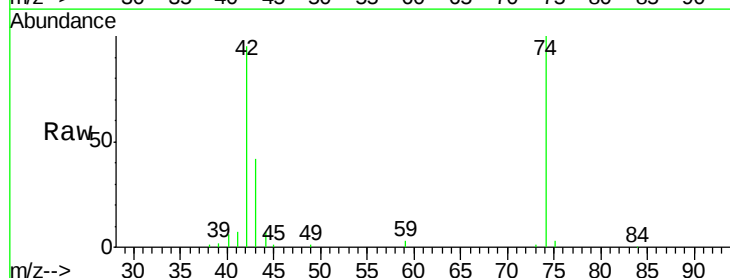
RT: 2.24 min Scan# 57

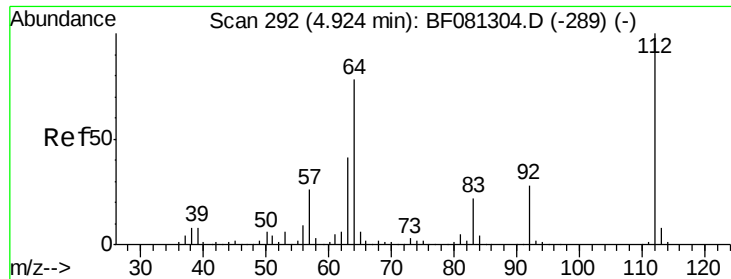
Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 102015 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 104.7 | 105.0 | 157.6# |
| 44        | 7.8   | 6.6   | 10.0   |





#5

2-Fluorophenol

Concen: 81.08 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 304427  
Ion Ratio Lower Upper

112 100

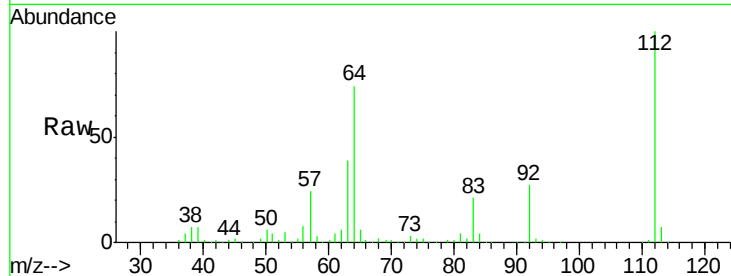
64 73.6 39.7 59.5#

63 39.0 17.4 26.0#

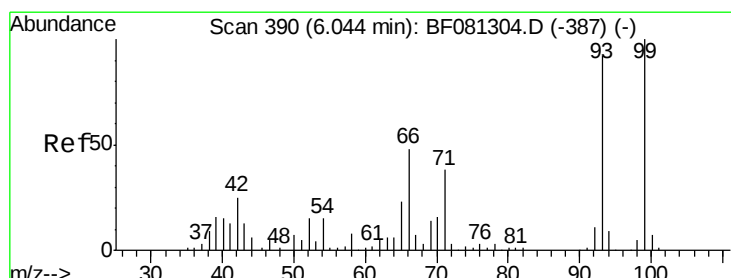
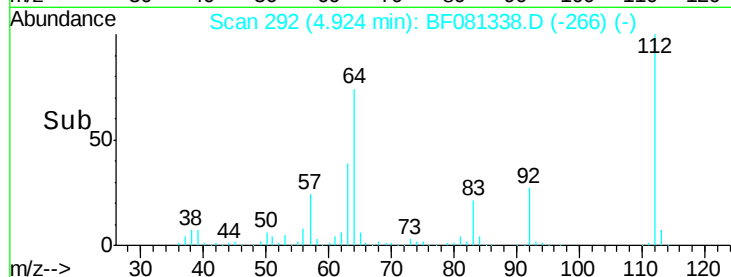
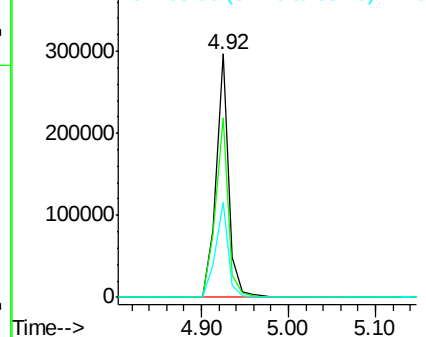
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Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.29 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081338.D

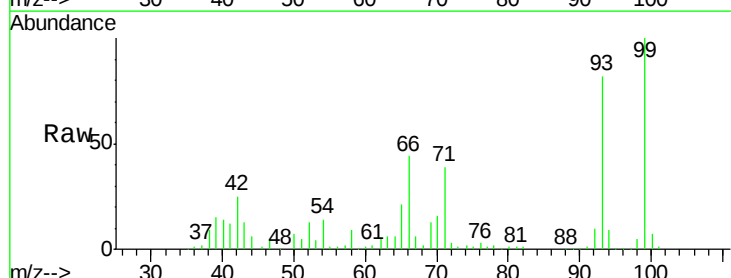
Acq: 2 Sep 2015 9:37

Tgt Ion: 93 Resp: 268749  
Ion Ratio Lower Upper

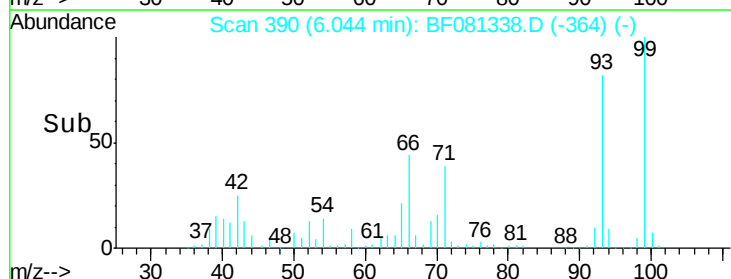
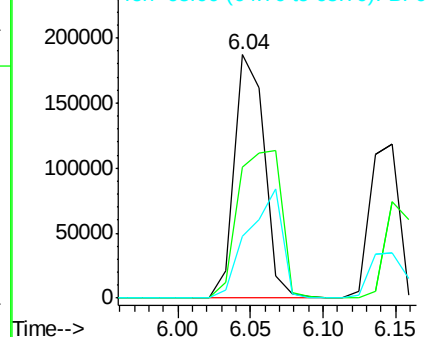
93 100

66 53.8 27.2 40.8#

65 25.4 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.31 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081338.D

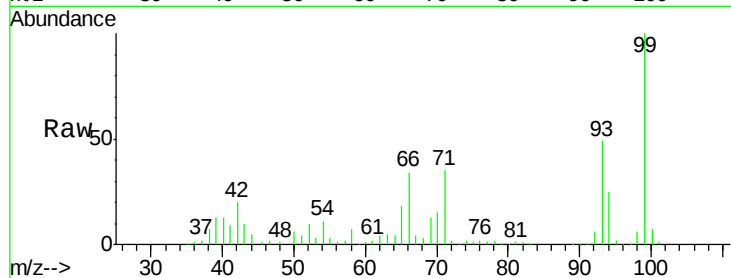
Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 99 Resp: 409086

Ion Ratio Lower Upper

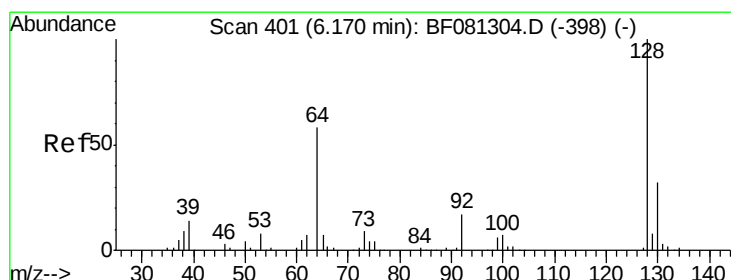
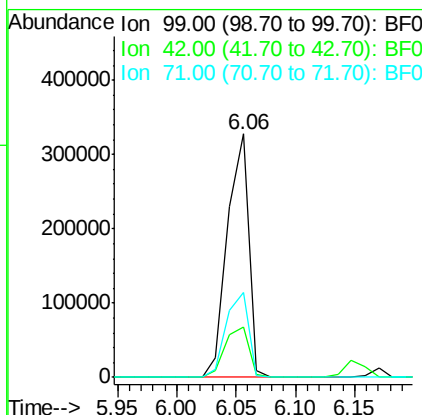
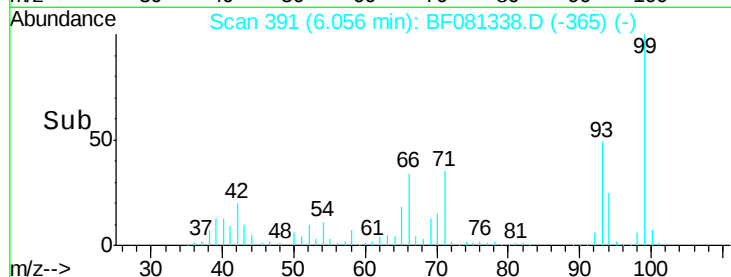
99 100

42 20.5 13.7 20.5

71 35.0 14.2 21.2#

Manual Integrations  
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9/3/2015 1:42:41 PM



#8

2-Chlorophenol

Concen: 39.71 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

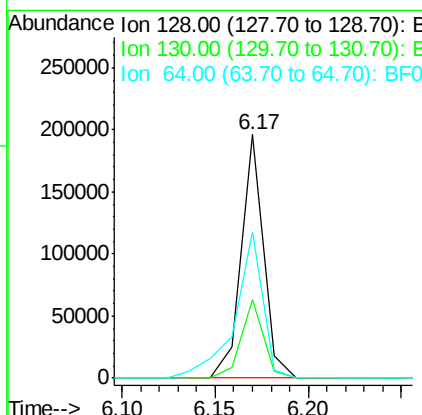
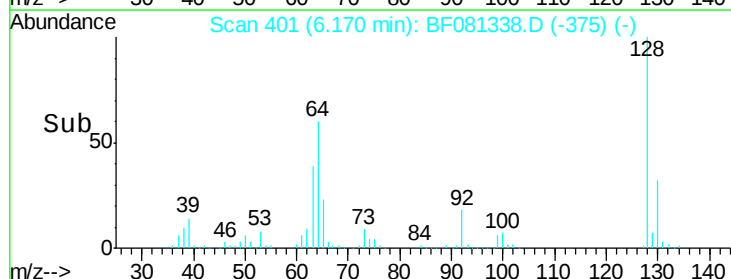
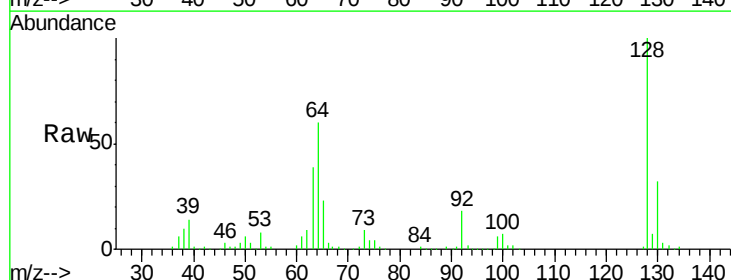
Tgt Ion: 128 Resp: 164317

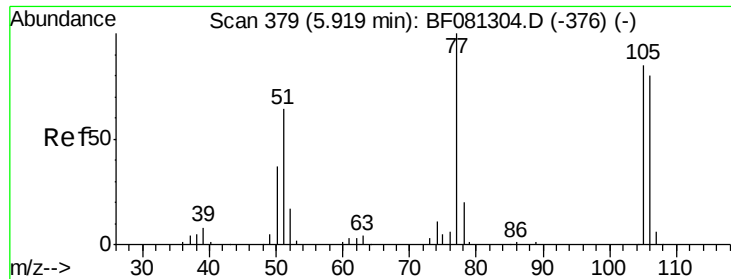
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 60.1 20.5 60.5





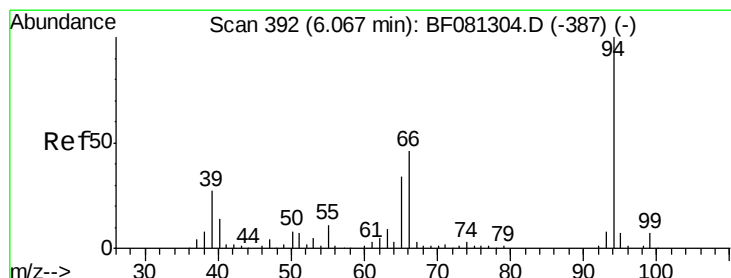
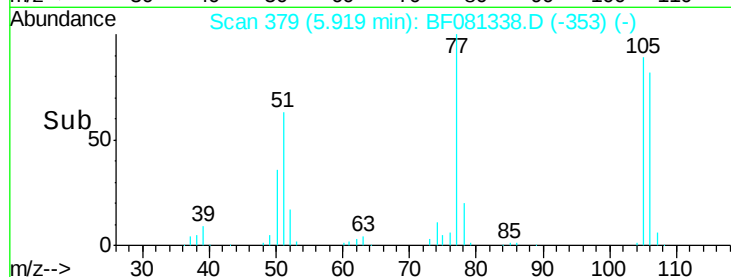
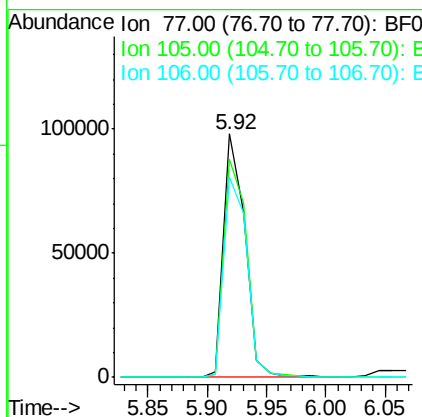
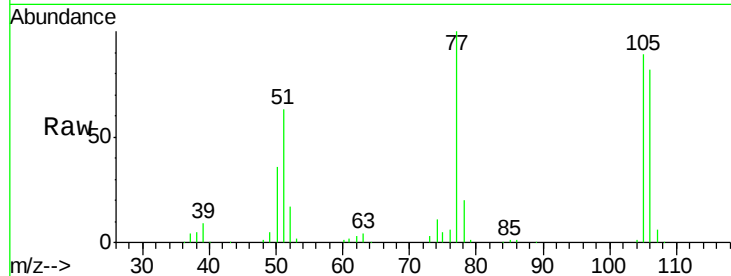
#9  
Benzaldehyde  
Concen: 39.05 ng  
RT: 5.92 min Scan# 379  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 77      | 100   |       |        |
| 105     | 89.3  | 91.6  | 131.6# |
| 106     | 82.1  | 102.6 | 142.6# |

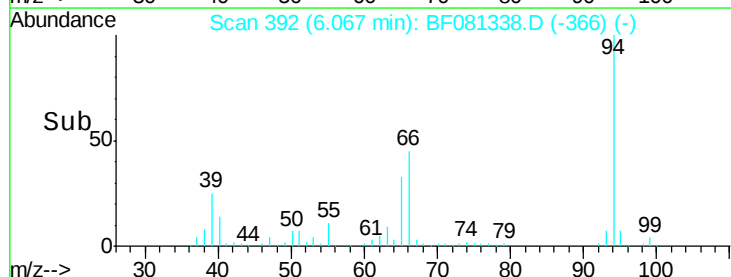
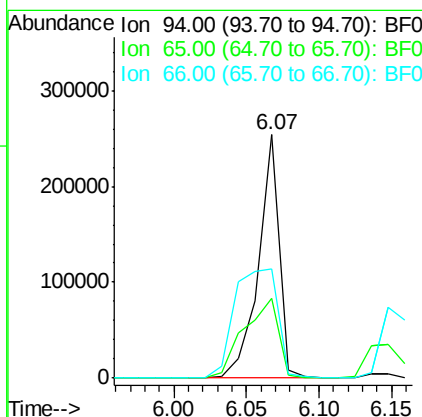
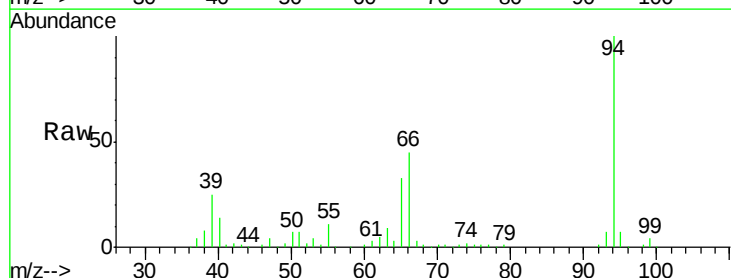
Manual Integrations  
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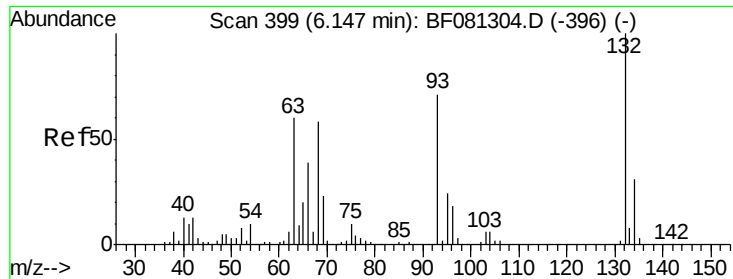
MMDadoda  
9/3/2015 1:42:41 PM



#10  
Phenol  
Concen: 43.85 ng  
RT: 6.07 min Scan# 392  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 33.0  | 0.7   | 40.7  |
| 66      | 44.8  | 0.8   | 40.8# |





#11

bis(2-Chloroethyl)ether

Concen: 40.09 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 166711  
Ion Ratio Lower Upper

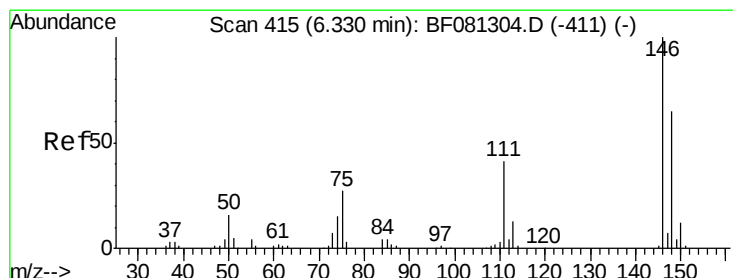
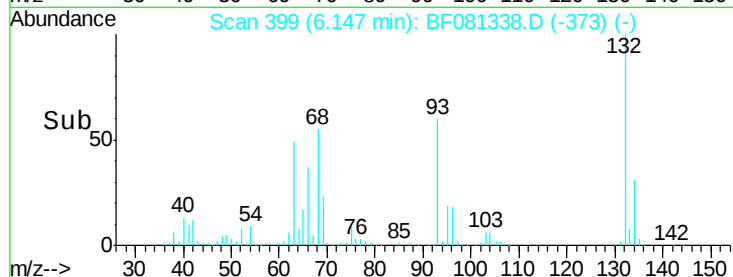
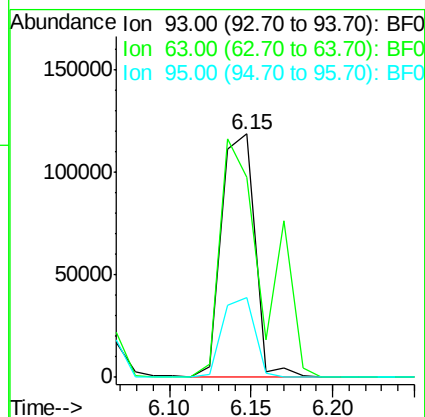
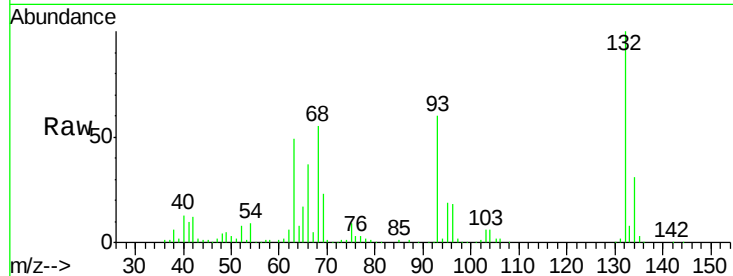
93 100

63 82.4 65.6 105.6

95 32.6 13.6 53.6

Manual Integrations  
APPROVED

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#12

1,3-Dichlorobenzene

Concen: 38.91 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF081338.D

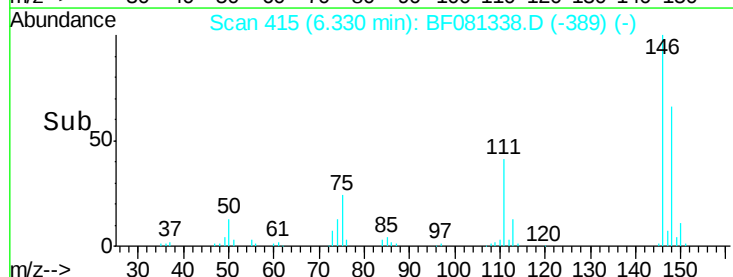
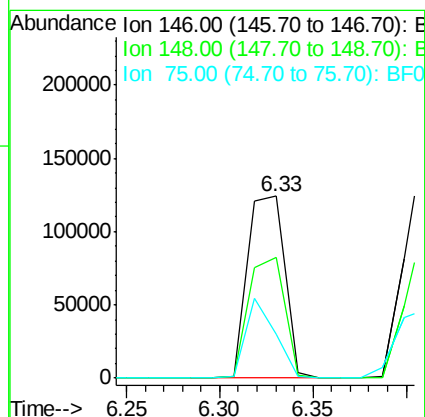
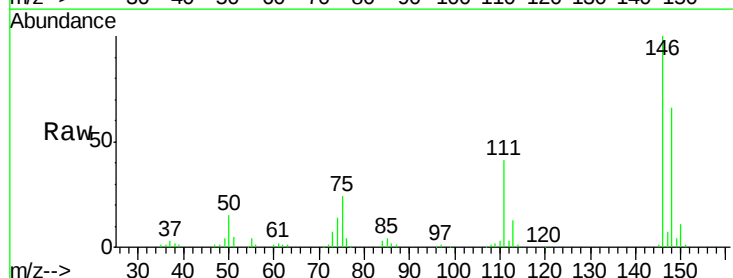
Acq: 2 Sep 2015 9:37

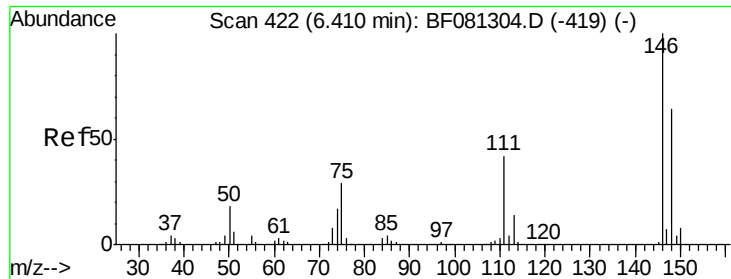
Tgt Ion: 146 Resp: 171998  
Ion Ratio Lower Upper

146 100

148 66.2 51.0 76.4

75 24.4 15.0 22.6#





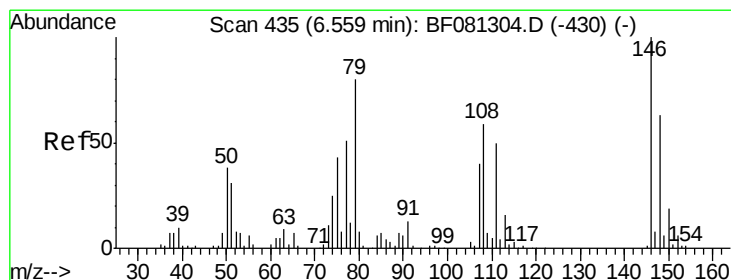
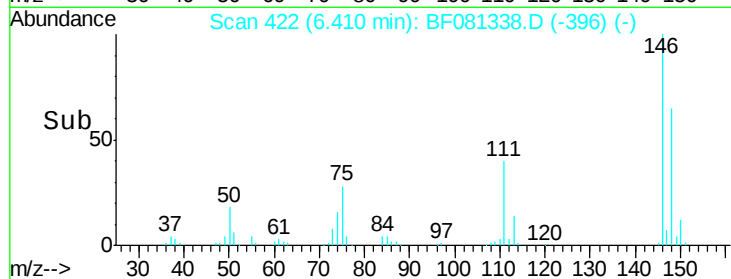
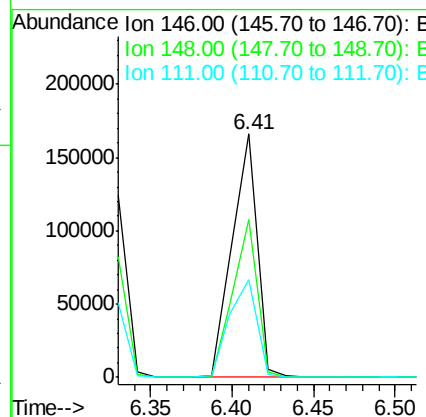
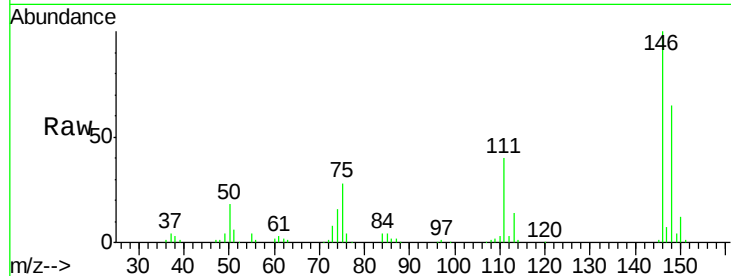
#13  
 1,4-Dichlorobenzene  
 Concen: 38.91 ng  
 RT: 6.41 min Scan# 422  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.8  | 77.6  |
| 111     | 40.3  | 24.9  | 37.3# |

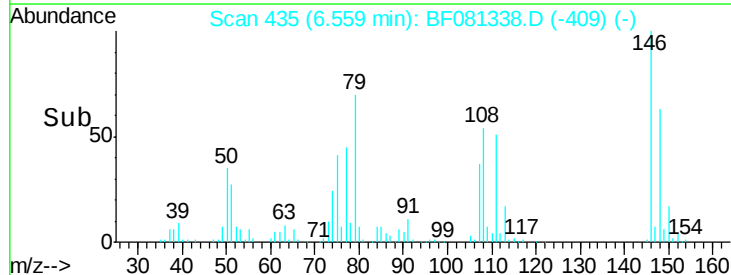
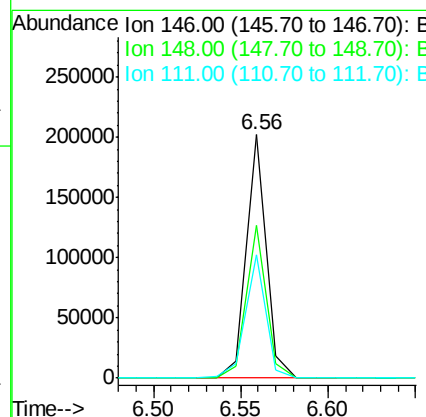
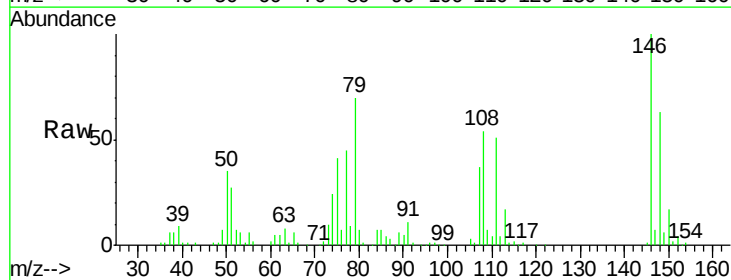
Manual Integrations  
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.93 ng m  
 RT: 6.56 min Scan# 435  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 52.7  | 79.1  |
| 111     | 50.8  | 28.8  | 43.2# |





#15

Benzyl Alcohol

Concen: 41.68 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 169932  
Ion Ratio Lower Upper

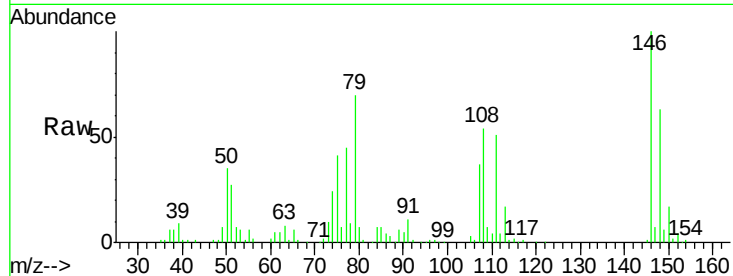
79 100

108 77.4 88.6 132.8#

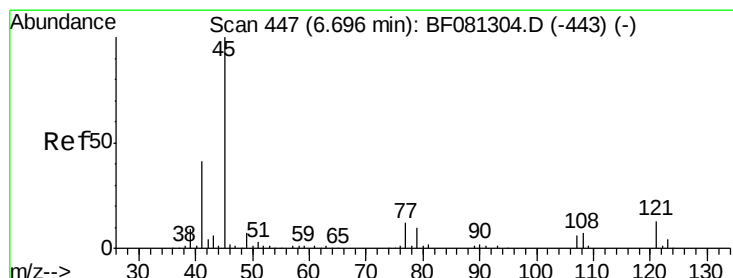
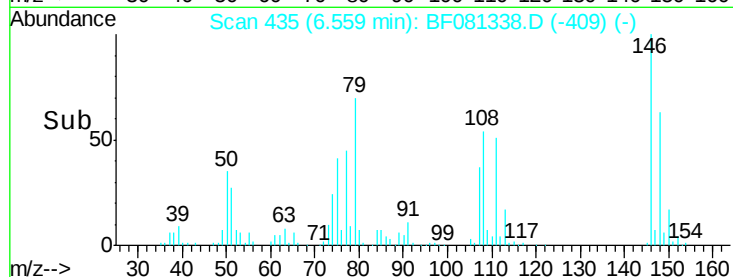
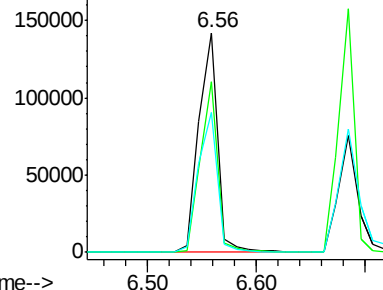
77 63.6 47.0 70.4

Manual Integrations  
APPROVED

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.88 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081338.D

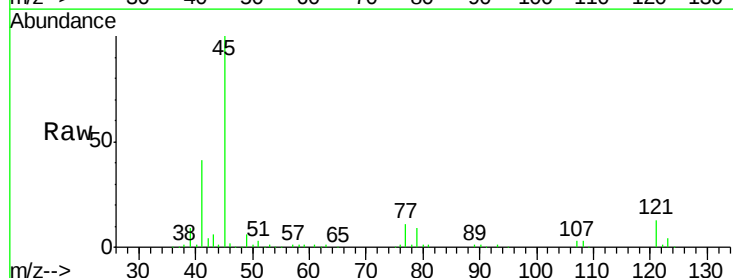
Acq: 2 Sep 2015 9:37

Tgt Ion: 45 Resp: 309912  
Ion Ratio Lower Upper

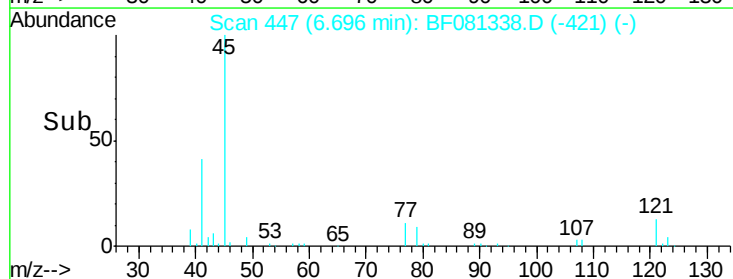
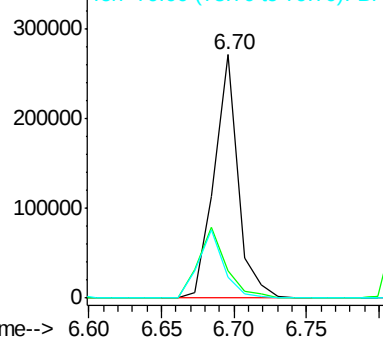
45 100

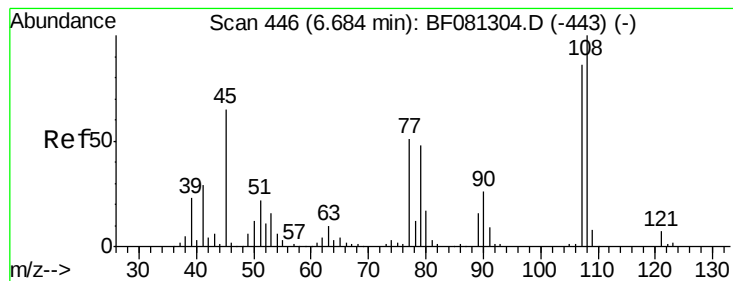
77 11.0 0.0 28.1

79 8.5 0.0 26.0



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





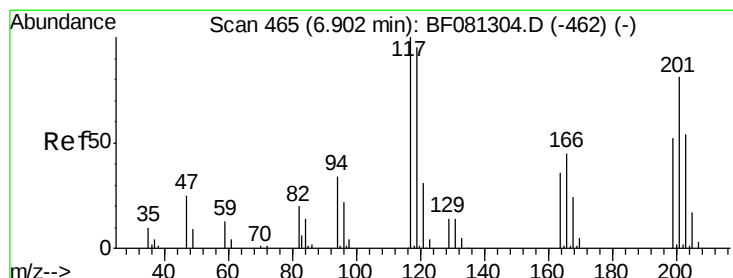
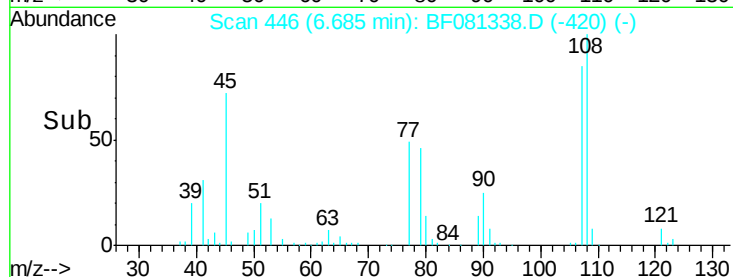
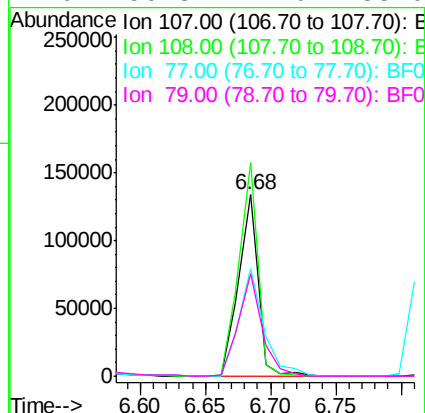
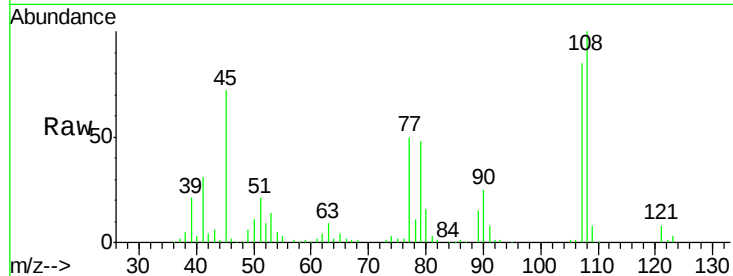
#17  
2-Methylphenol  
Concen: 41.82 ng  
RT: 6.68 min Scan# 446  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 108     | 117.9 | 96.6       | 145.0      |
| 77      | 59.4  | 23.3       | 34.9#      |
| 79      | 56.3  | 22.0       | 33.0#      |

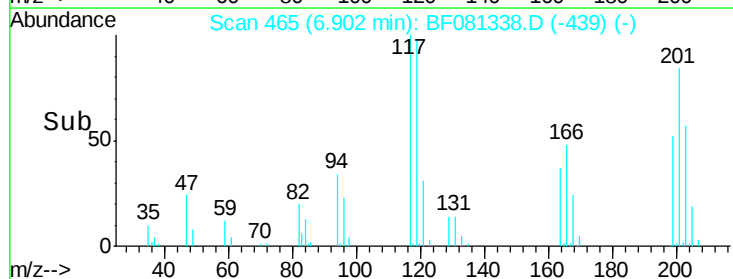
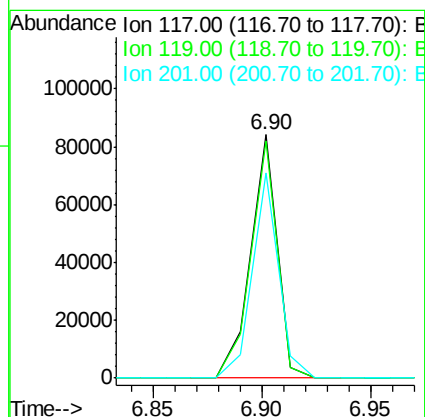
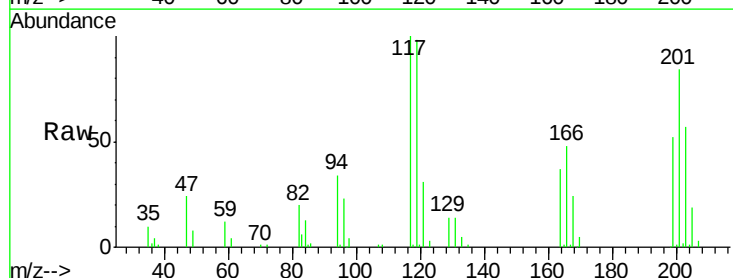
Manual Integrations  
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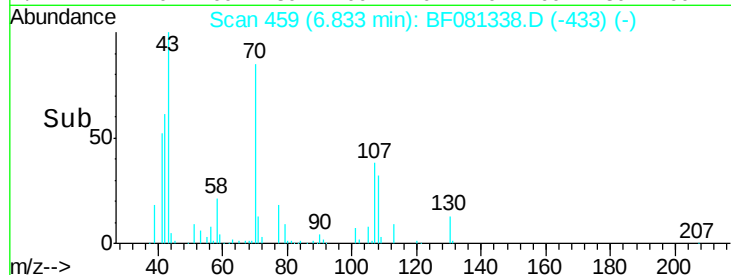
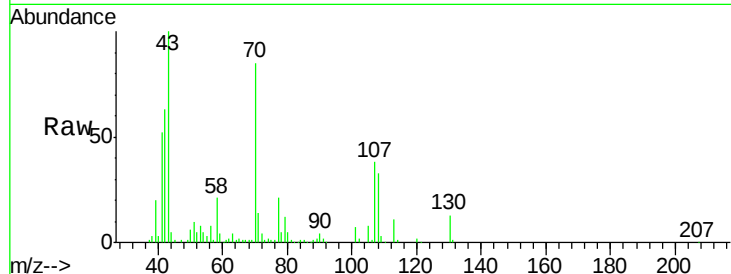
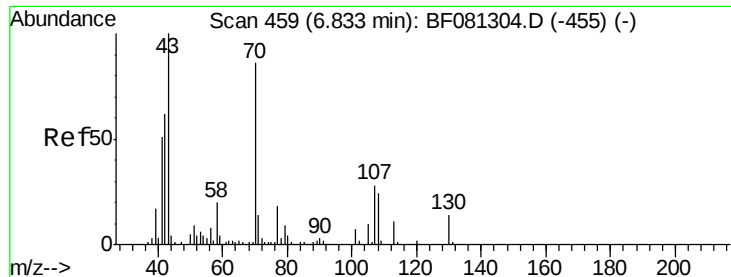
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#18  
Hexachloroethane  
Concen: 40.64 ng  
RT: 6.90 min Scan# 465  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 119     | 97.5  | 83.8       | 125.6      |
| 201     | 84.0  | 55.1       | 82.7#      |





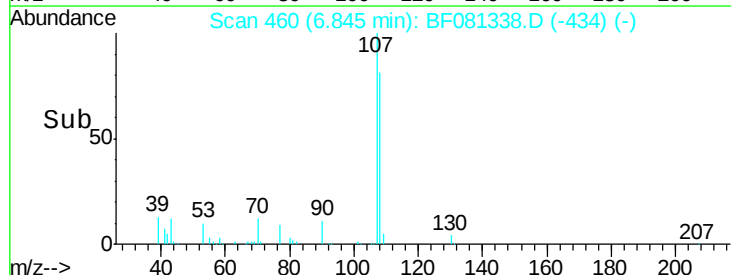
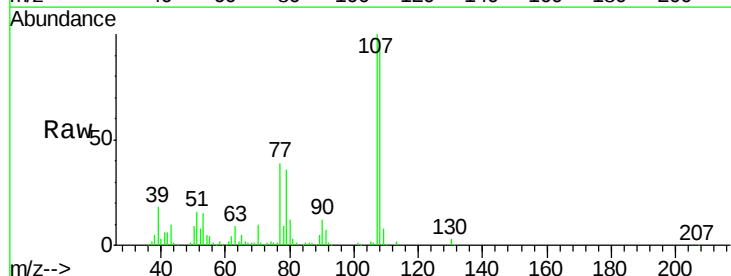
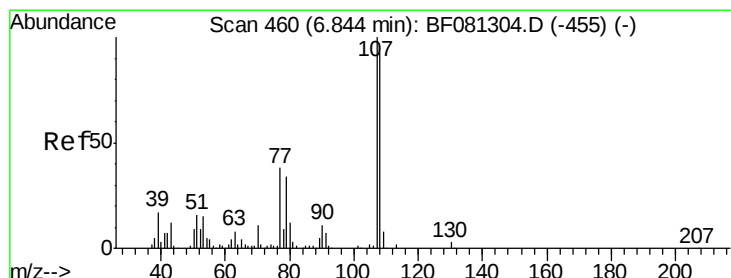
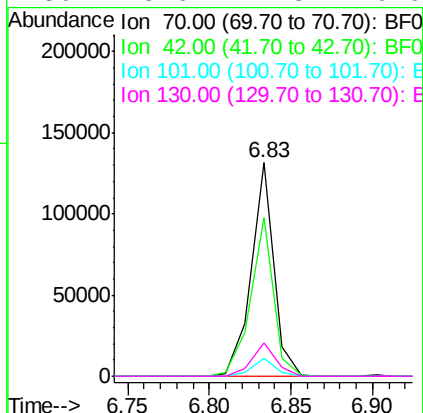
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.32 ng  
RT: 6.83 min Scan# 459  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
APPROVED

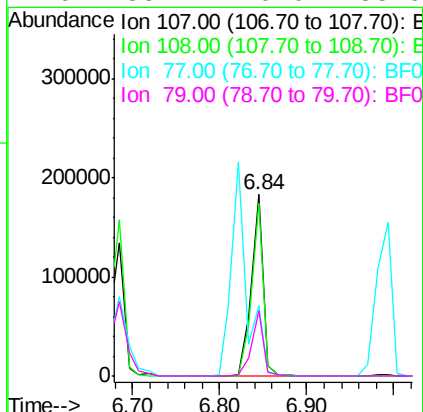
MMDadoda  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 74.1  | 63.8  | 95.6  |
| 101     | 8.6   | 9.2   | 13.8# |
| 130     | 15.6  | 27.3  | 40.9# |



#20  
3+4-Methylphenols  
Concen: 39.83 ng  
RT: 6.84 min Scan# 460  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 95.6  | 74.6  | 114.6 |
| 77      | 38.9  | 0.7   | 40.7  |
| 79      | 35.7  | 0.0   | 38.9  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081338.D

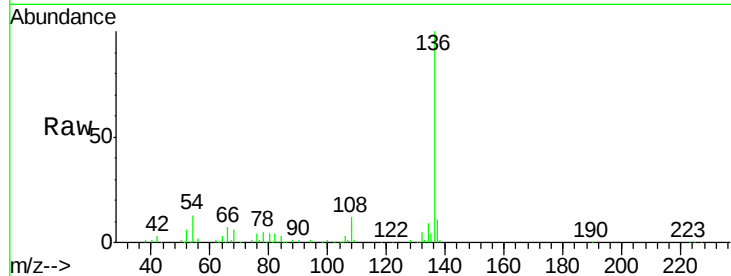
Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

ClientSampleId :

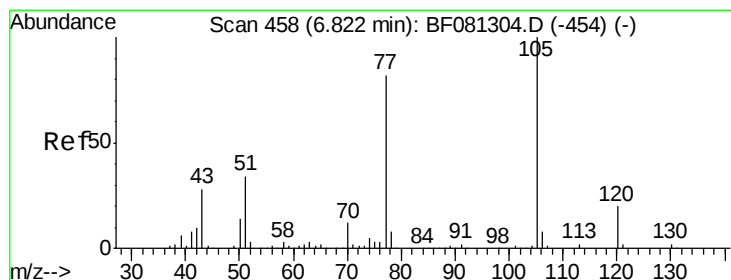
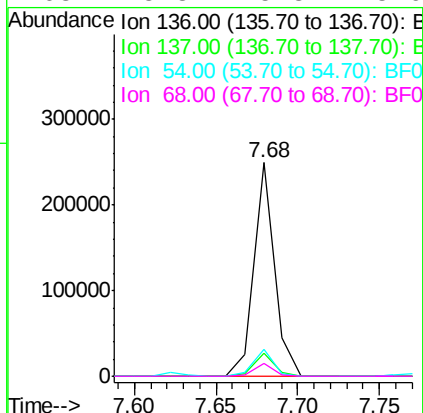
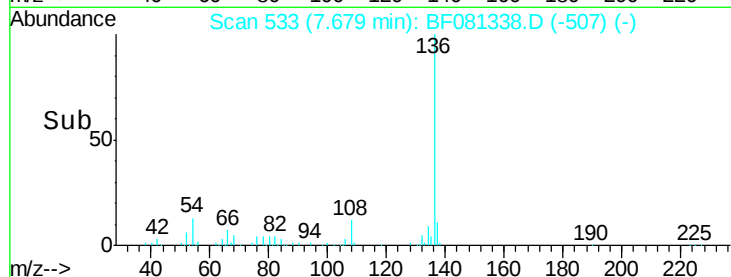
SSTDCCC040



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 136     | 100   |            |            |
| 137     | 10.8  | 9.0        | 13.6       |
| 54      | 12.7  | 8.2        | 12.2#      |
| 68      | 5.8   | 5.8        | 8.6#       |

Manual Integrations  
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#22

Acetophenone

Concen: 41.43 ng

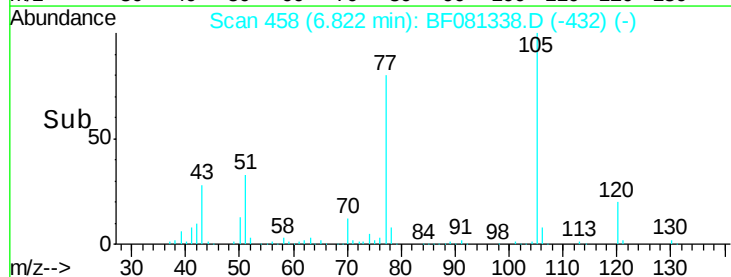
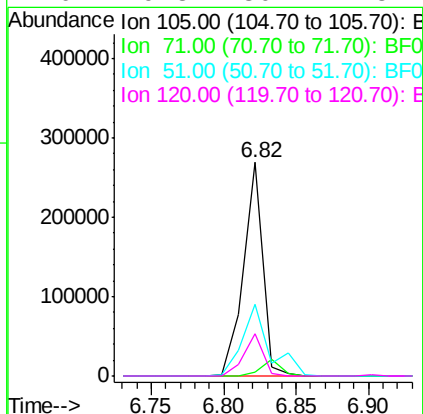
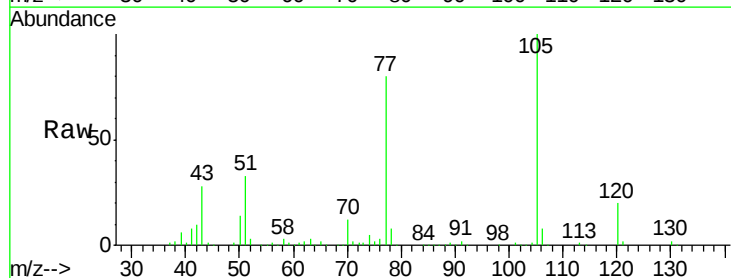
RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 105     | 100   |            |            |
| 71      | 1.9   | 4.7        | 7.1#       |
| 51      | 33.3  | 22.0       | 33.0#      |
| 120     | 19.8  | 30.1       | 45.1#      |





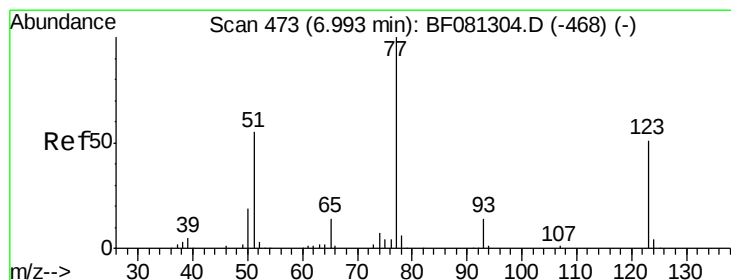
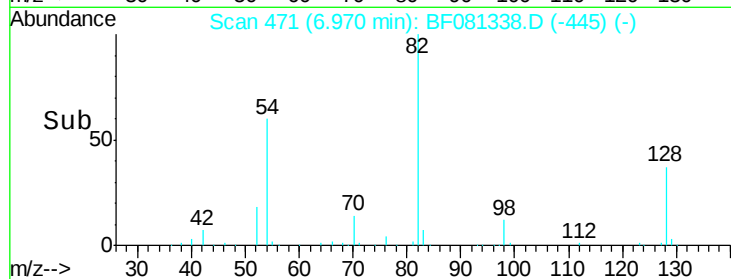
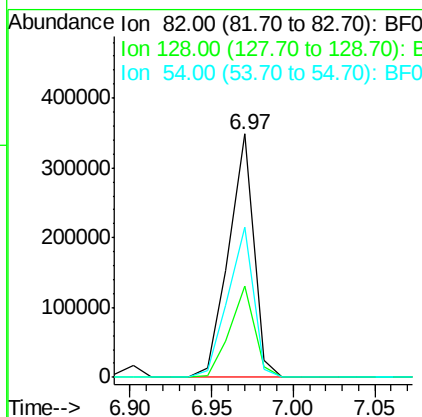
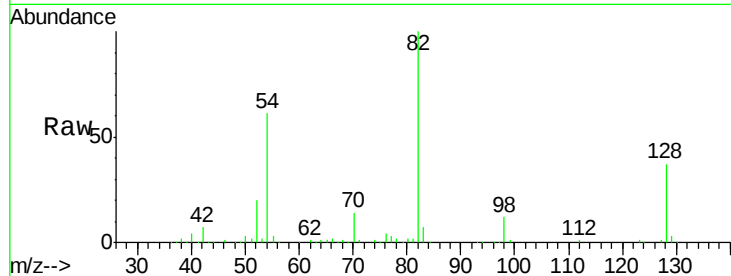
#23  
 Nitrobenzene-d5  
 Concen: 80.97 ng  
 RT: 6.97 min Scan# 471  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 369076 |       |       |
| 128     | 37.4  | 51.0   | 76.6# |       |
| 54      | 61.5  | 47.5   | 71.3  |       |

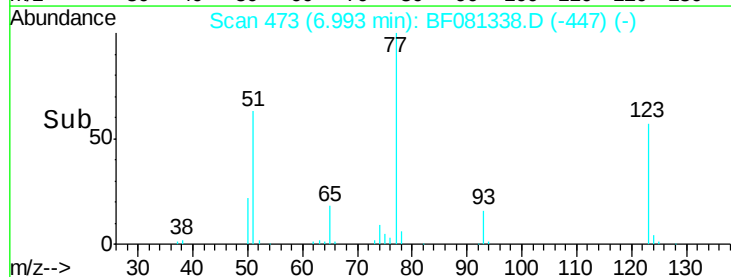
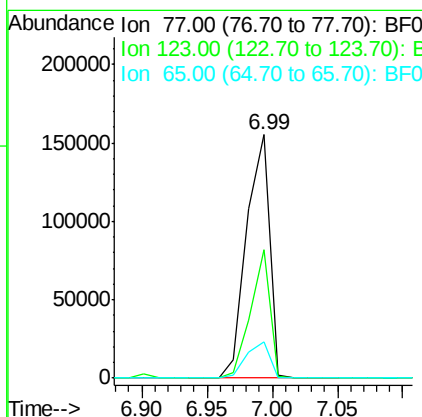
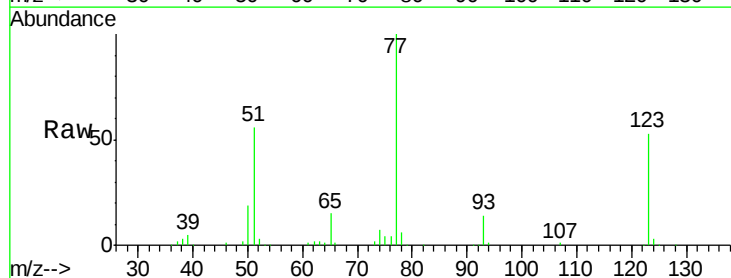
Manual Integrations  
 APPROVED

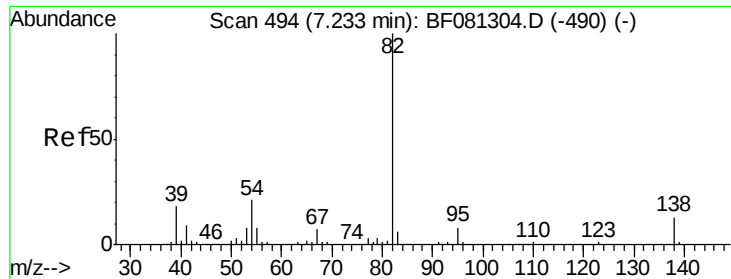
MMDadoda  
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#24  
 Nitrobenzene  
 Concen: 40.30 ng  
 RT: 6.99 min Scan# 473  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 190750 |       |       |
| 123     | 52.6  | 59.8   | 89.8# |       |
| 65      | 14.9  | 10.2   | 15.4  |       |





#25

Isophorone

Concen: 38.92 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 329988  
Ion Ratio Lower Upper

82 100

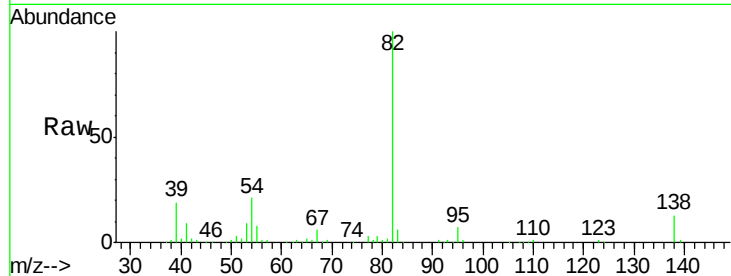
95 7.3 4.0 6.0#

138 13.5 18.3 27.5#

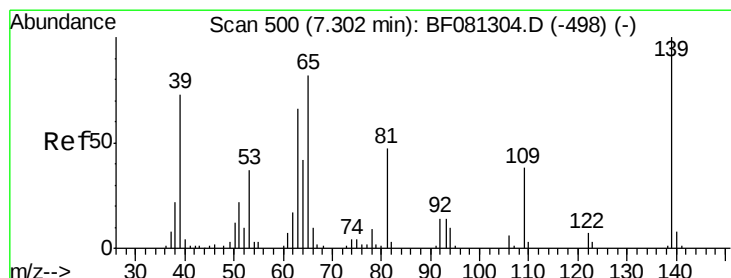
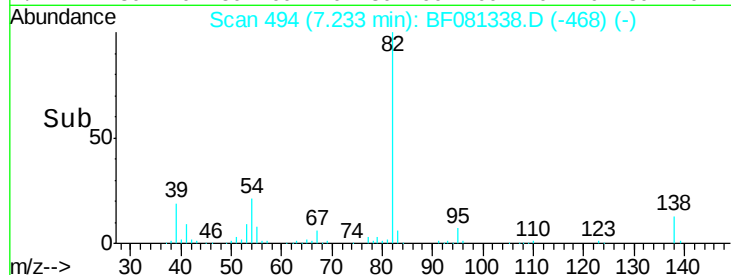
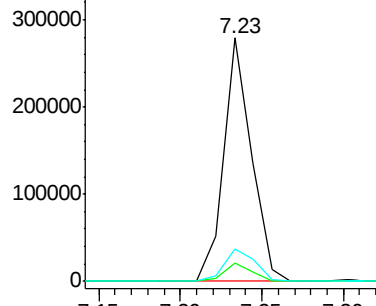
Manual Integrations  
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Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.46 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081338.D

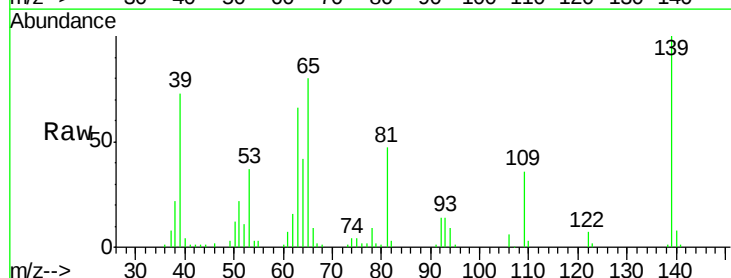
Acq: 2 Sep 2015 9:37

Tgt Ion: 139 Resp: 75219  
Ion Ratio Lower Upper

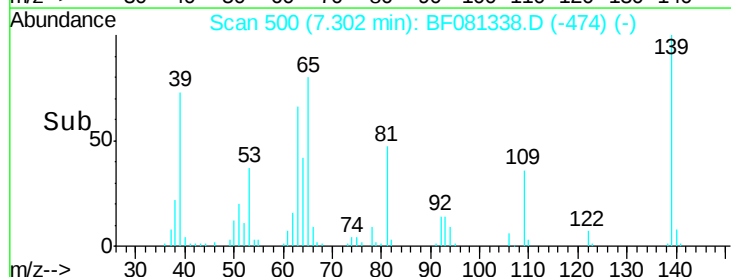
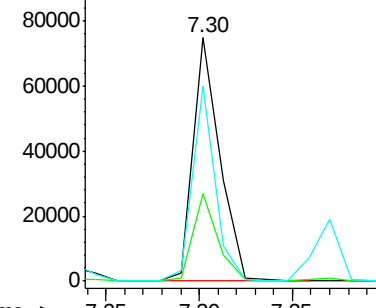
139 100

109 36.0 11.0 16.4#

65 80.2 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0





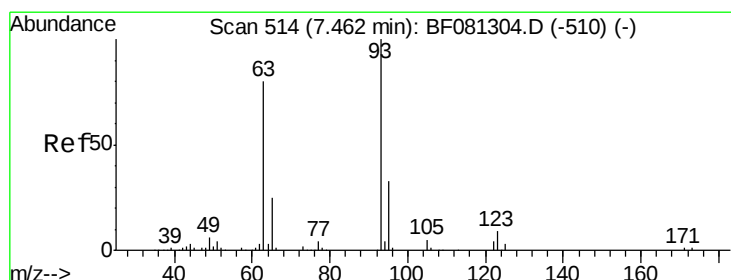
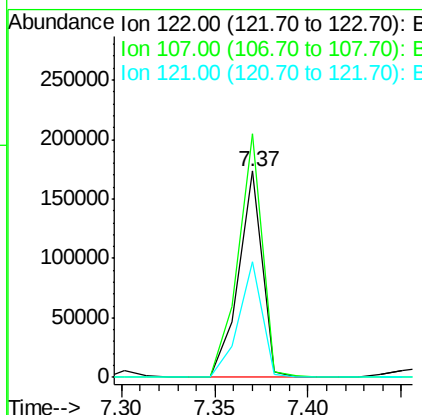
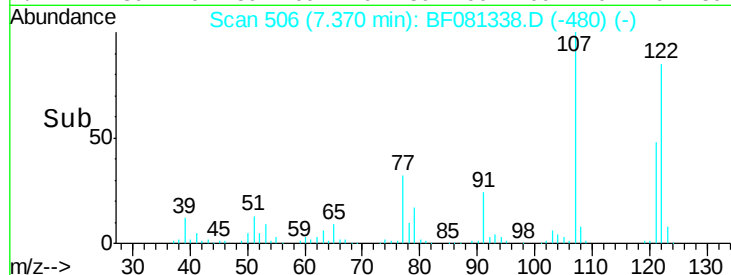
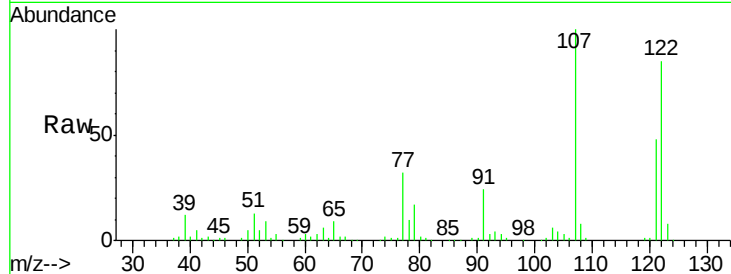
#27  
 2,4-Dimethylphenol  
 Concen: 43.60 ng  
 RT: 7.37 min Scan# 506  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 122     | 100   | 155375 |        |       |
| 107     | 118.1 | 71.8   | 107.6# |       |
| 121     | 56.3  | 42.3   | 63.5   |       |

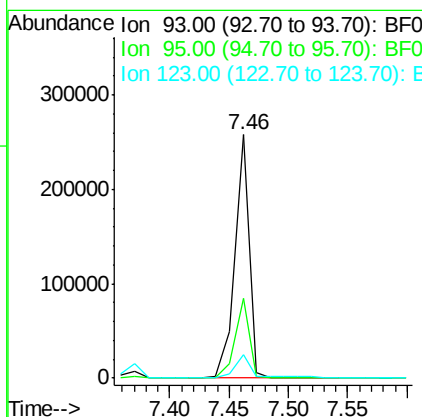
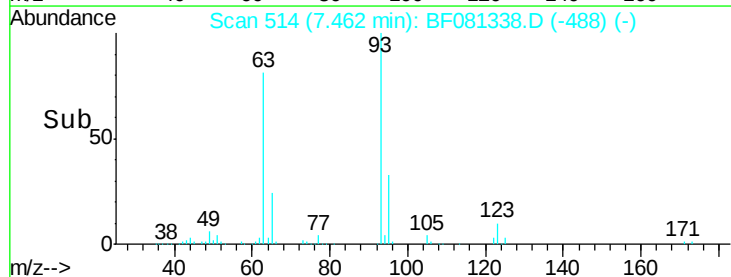
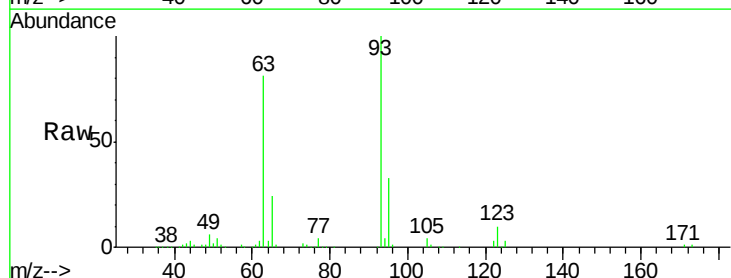
Manual Integrations  
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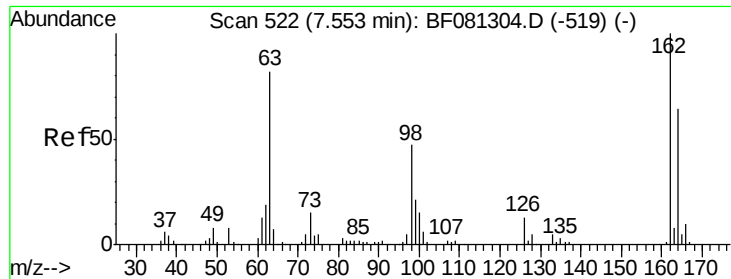
MMDadoda  
 9/3/2015 1:42:41 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.26 ng  
 RT: 7.46 min Scan# 514  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 216764 |       |       |
| 95      | 32.8  | 27.5   | 41.3  |       |
| 123     | 9.8   | 13.7   | 20.5# |       |





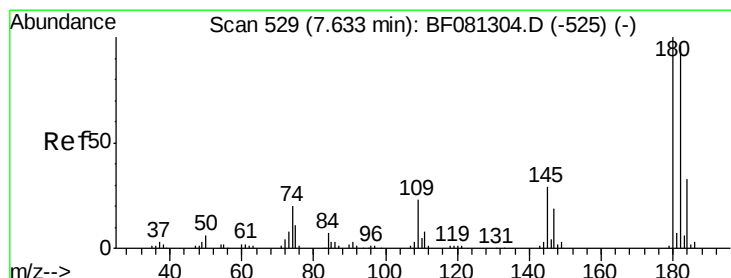
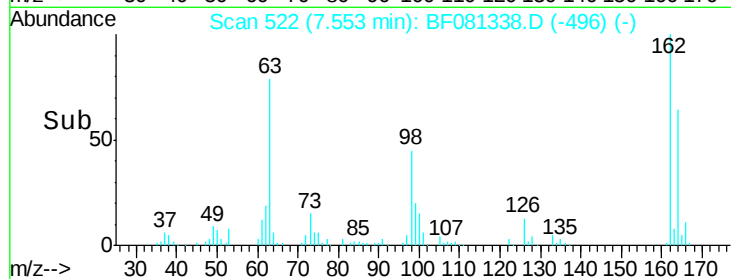
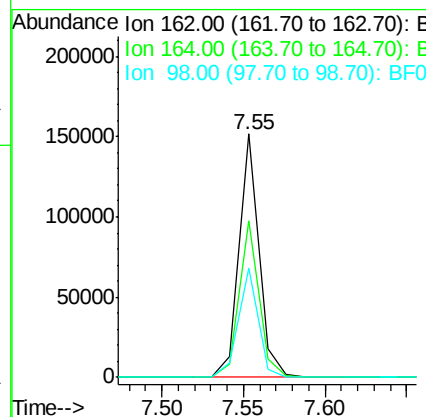
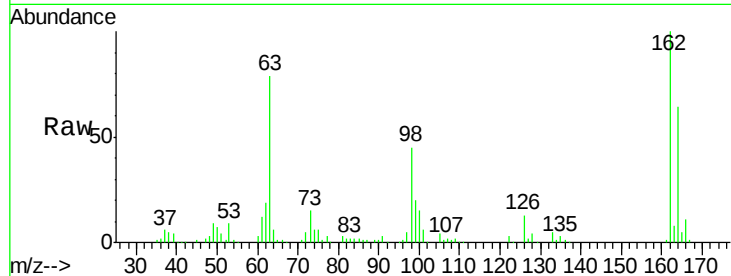
#29  
 2,4-Dichlorophenol  
 Concen: 41.04 ng  
 RT: 7.55 min Scan# 522  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.4  | 44.9       | 84.9       |
| 98      | 44.9  | 13.0       | 53.0       |

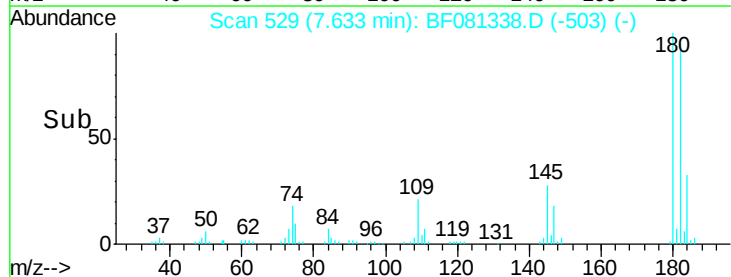
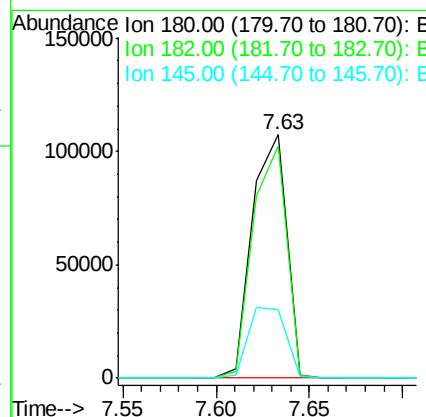
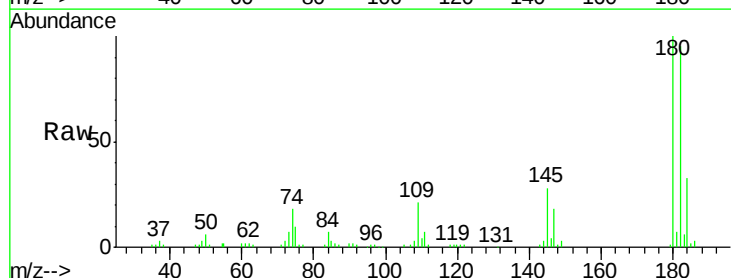
Manual Integrations  
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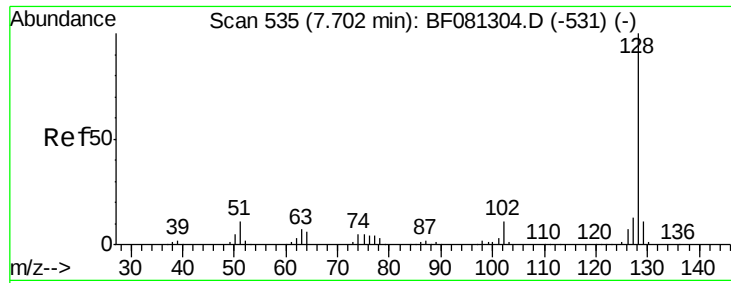
MMDadoda  
 9/3/2015 1:42:41 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.91 ng  
 RT: 7.63 min Scan# 529  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.4  | 77.1       | 115.7      |
| 145     | 28.3  | 23.3       | 34.9       |





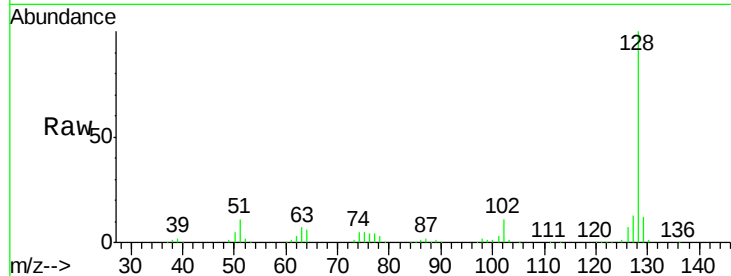
#31  
Naphthalene  
Concen: 40.39 ng  
RT: 7.70 min Scan# 535  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

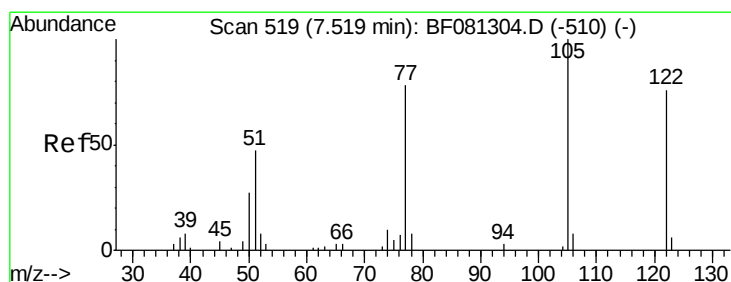
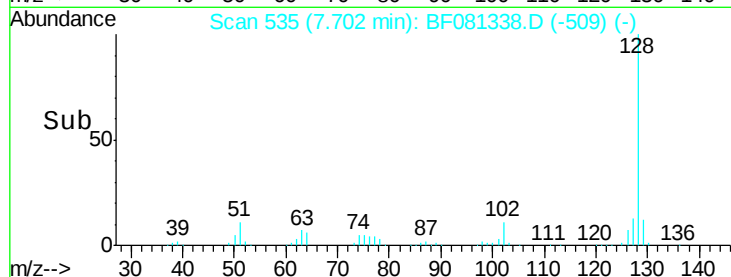
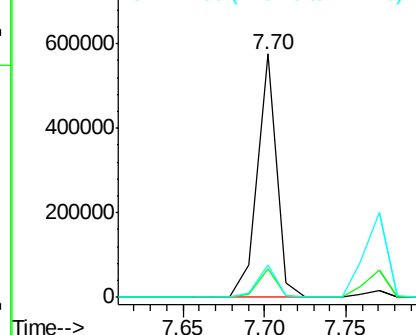
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 11.6  | 8.4        | 12.6       |
| 127     | 13.1  | 9.9        | 14.9       |

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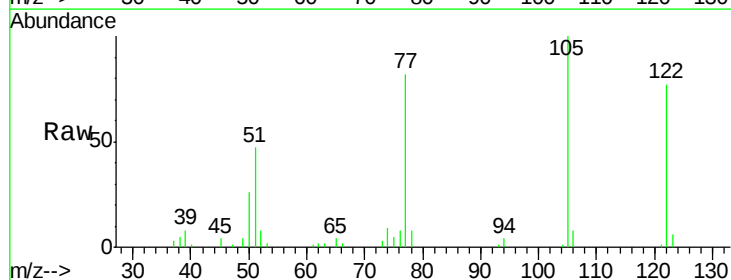


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

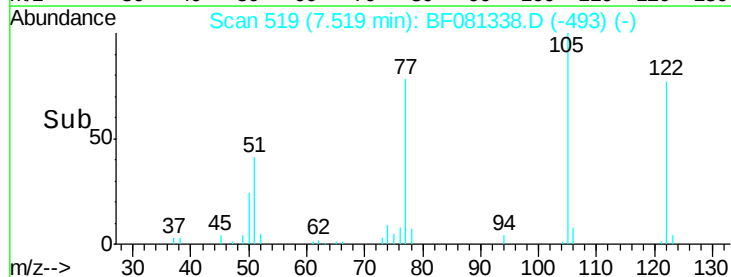
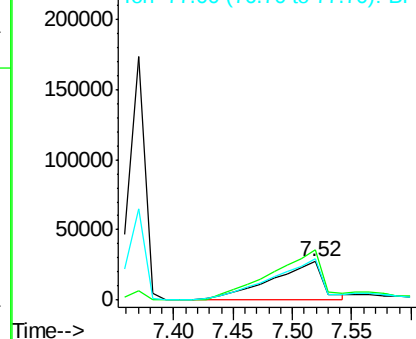


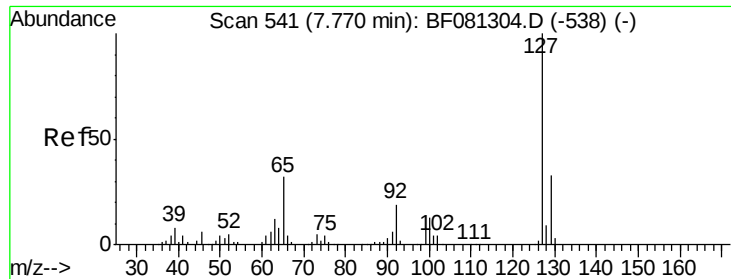
#32  
Benzoic acid  
Concen: 33.66 ng  
RT: 7.52 min Scan# 519  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 130.5 | 76.1       | 116.1#     |
| 77      | 106.8 | 40.5       | 80.5#      |



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





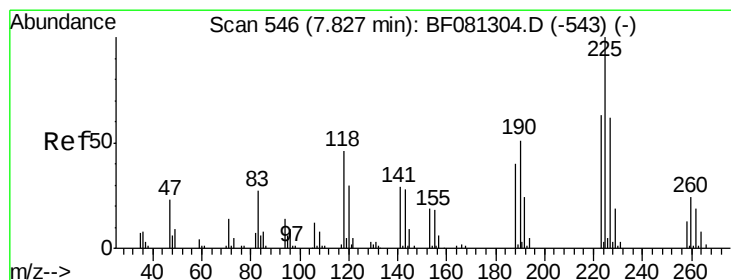
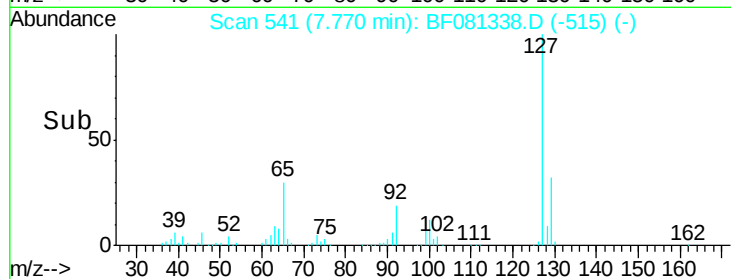
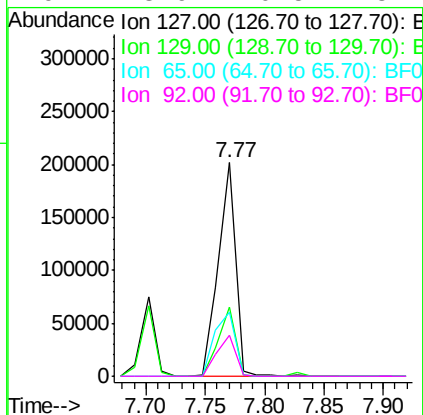
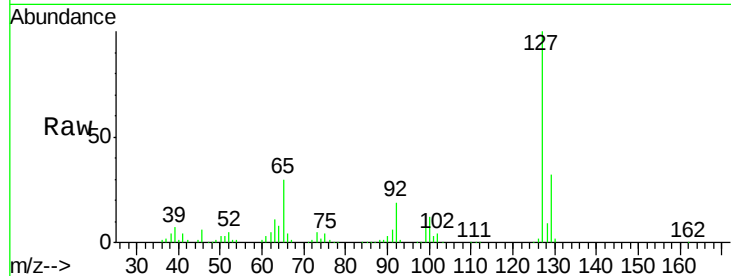
#33  
4-Chloroaniline  
Concen: 42.28 ng  
RT: 7.77 min Scan# 541  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 127     | 100   |            |            |
| 129     | 32.5  | 25.8       | 38.6       |
| 65      | 30.3  | 17.9       | 26.9       |
| 92      | 18.9  | 10.5       | 15.7       |

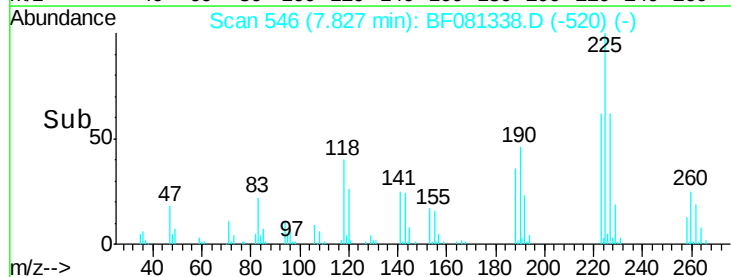
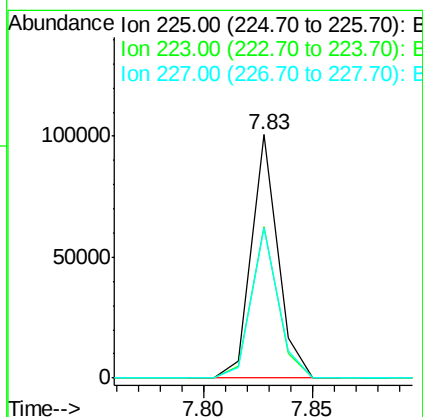
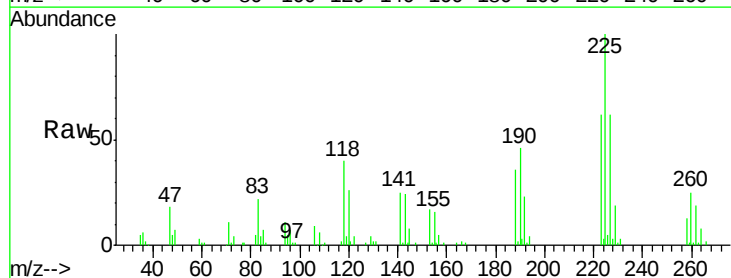
Manual Integrations  
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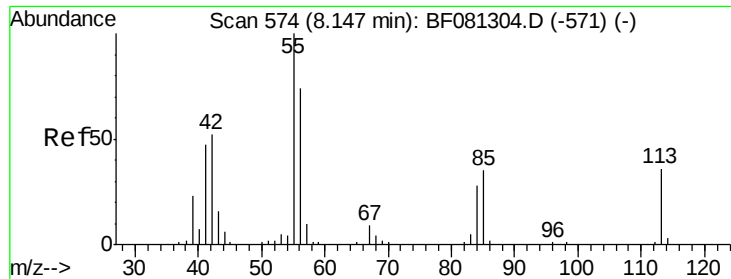
MMDadoda  
9/3/2015 1:42:41 PM



#34  
Hexachlorobutadiene  
Concen: 41.79 ng  
RT: 7.83 min Scan# 546  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 225     | 100   |            |            |
| 223     | 62.4  | 50.2       | 75.2       |
| 227     | 61.5  | 52.2       | 78.2       |





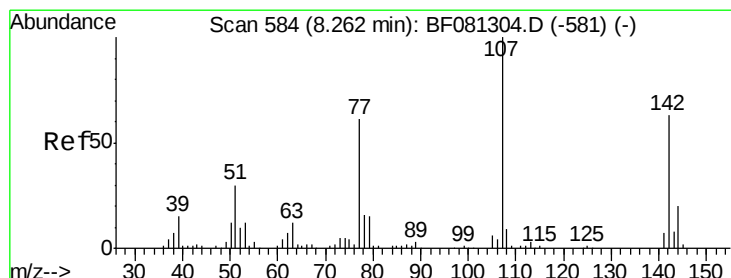
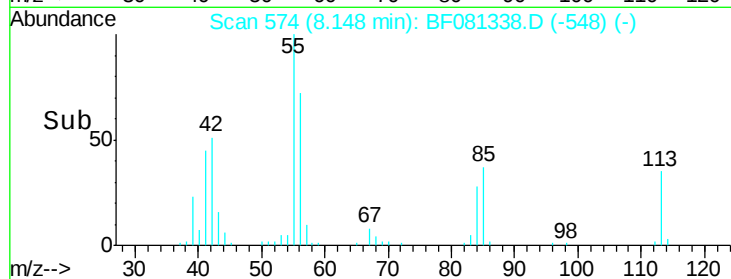
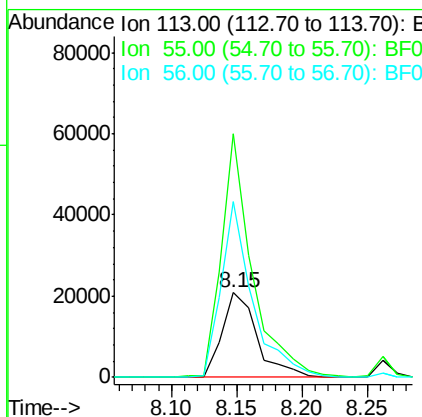
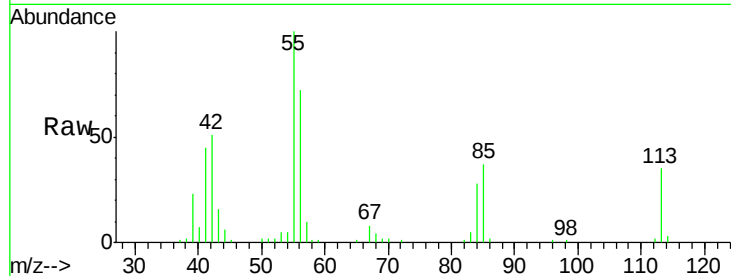
#35  
 Caprolactam  
 Concen: 40.90 ng  
 RT: 8.15 min Scan# 574  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 113     | 100   | 38761 |        |       |
| 55      | 287.6 | 152.4 | 192.4# |       |
| 56      | 207.2 | 104.6 | 144.6# |       |

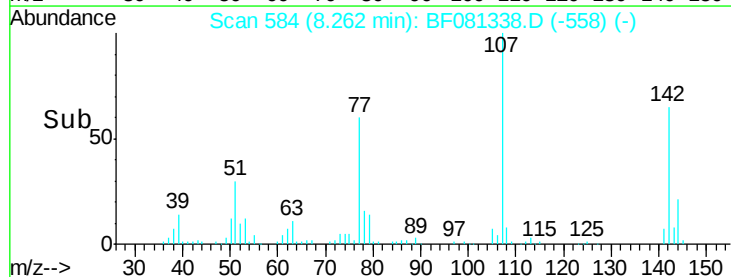
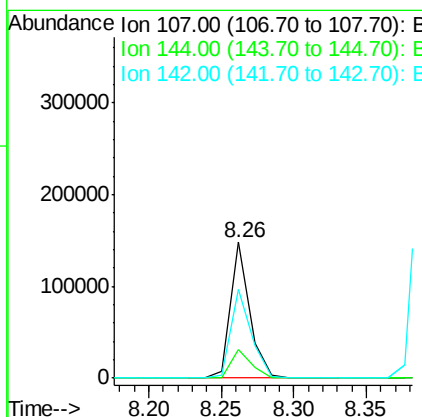
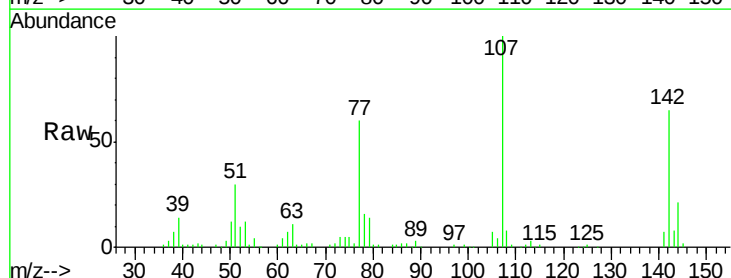
Manual Integrations  
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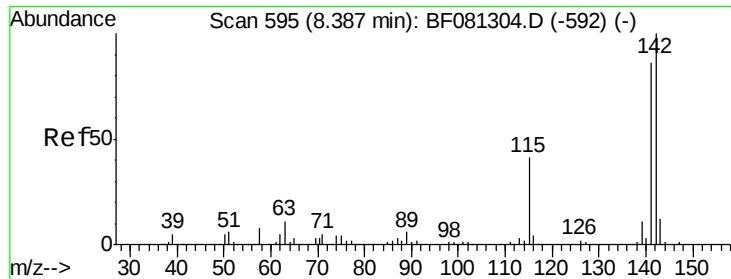
MMDadoda  
 9/3/2015 1:42:41 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.95 ng  
 RT: 8.26 min Scan# 584  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 107     | 100   | 134714 |        |       |
| 144     | 21.0  | 25.4   | 38.0#  |       |
| 142     | 65.2  | 77.3   | 115.9# |       |





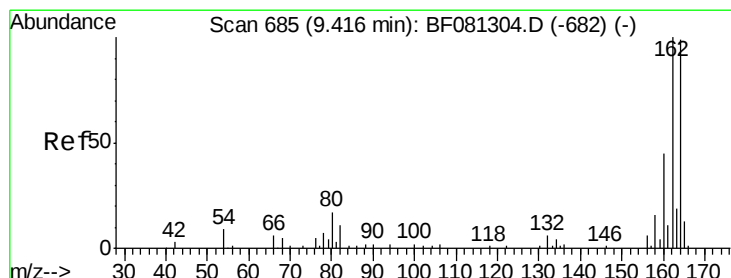
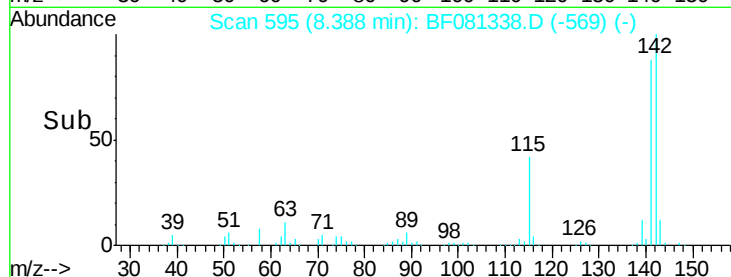
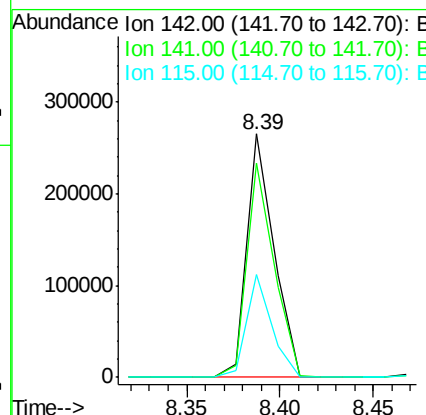
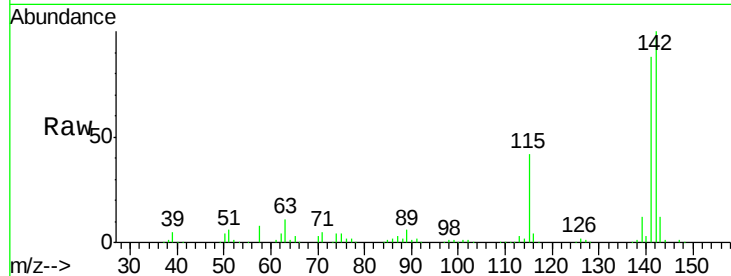
#37  
 2-Methylnaphthalene  
 Concen: 35.22 ng  
 RT: 8.39 min Scan# 595  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 268824 |       |       |
| 141     | 87.8  | 67.5   | 101.3 |       |
| 115     | 42.3  | 18.2   | 27.2# |       |

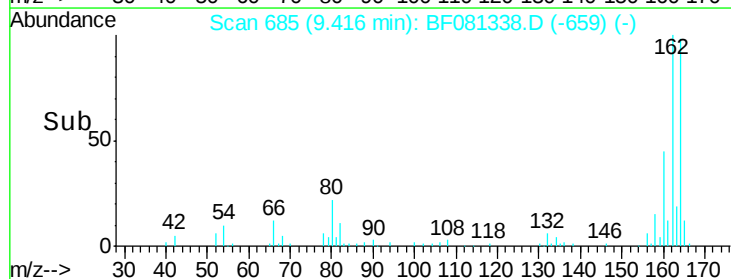
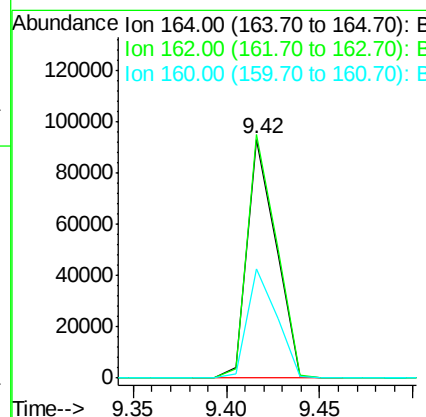
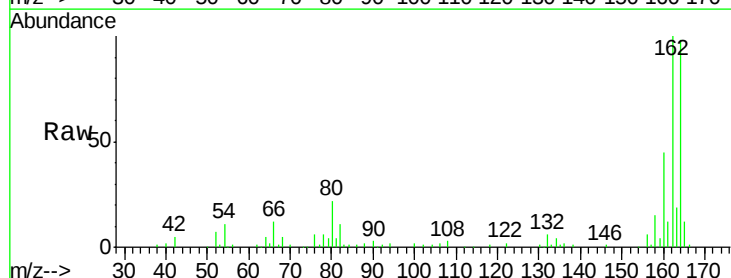
Manual Integrations  
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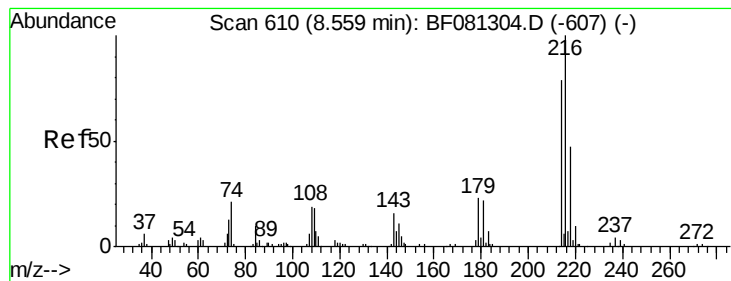
MMDadoda  
 9/3/2015 1:42:41 PM



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.42 min Scan# 685  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 100019 |       |       |
| 162     | 101.9 | 75.2   | 112.8 |       |
| 160     | 45.9  | 31.5   | 47.3  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.93 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081338.D

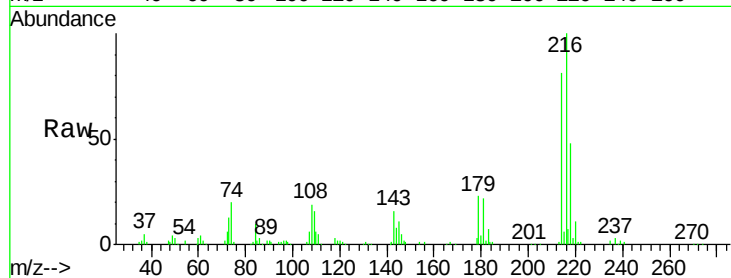
Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

ClientSampleId :

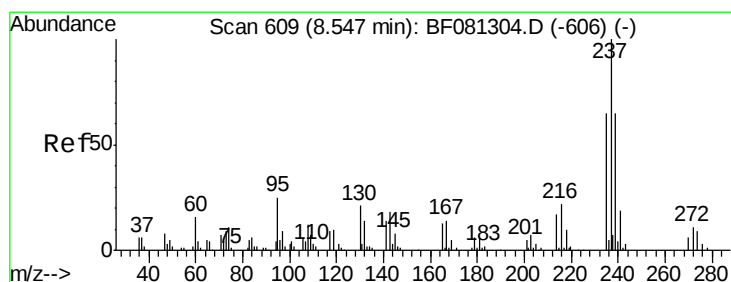
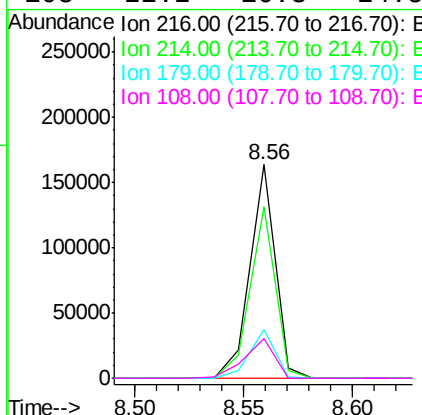
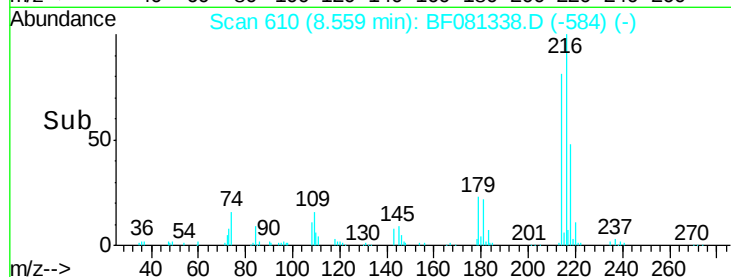
SSTDCCC040



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 132627 |       |       |
| 214     | 80.7  | 63.5   | 95.3  |       |
| 179     | 23.2  | 16.6   | 24.8  |       |
| 108     | 22.2  | 16.3   | 24.5  |       |

Manual Integrations  
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#40

Hexachlorocyclopentadiene

Concen: 40.20 ng

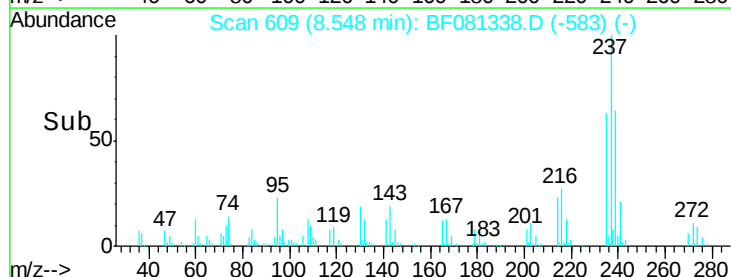
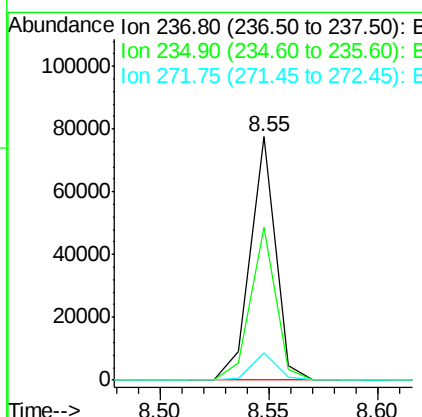
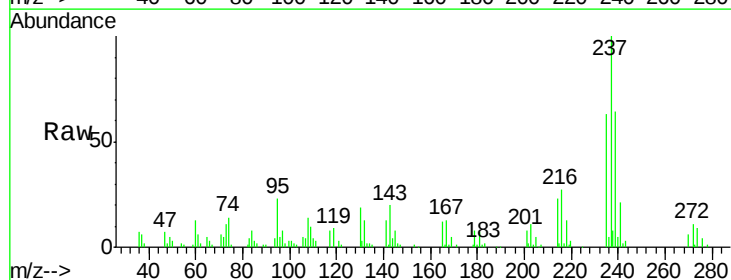
RT: 8.55 min Scan# 609

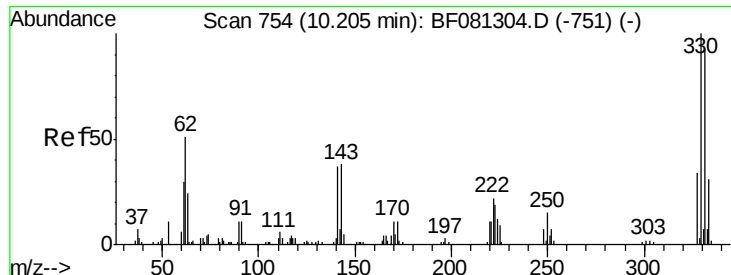
Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 62404 |       |       |
| 235     | 62.9  | 42.0  | 82.0  |       |
| 272     | 11.0  | 0.0   | 36.1  |       |





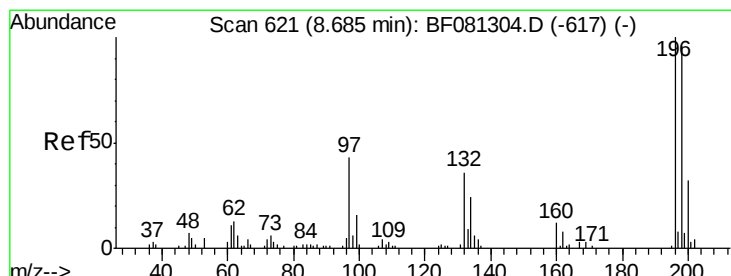
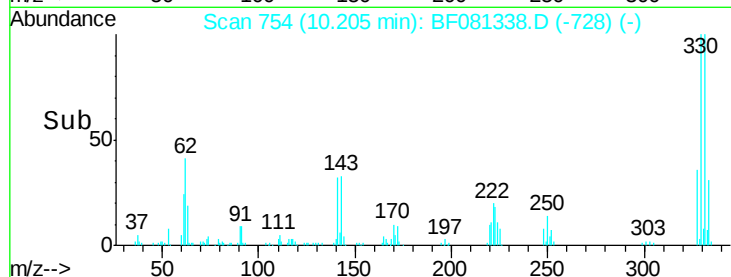
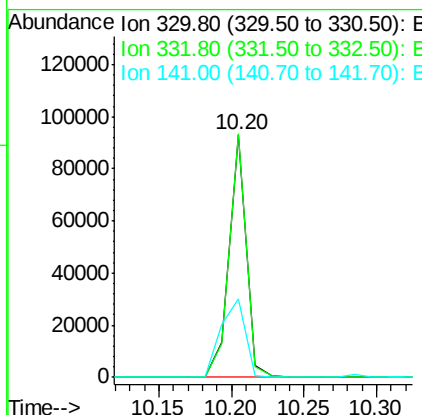
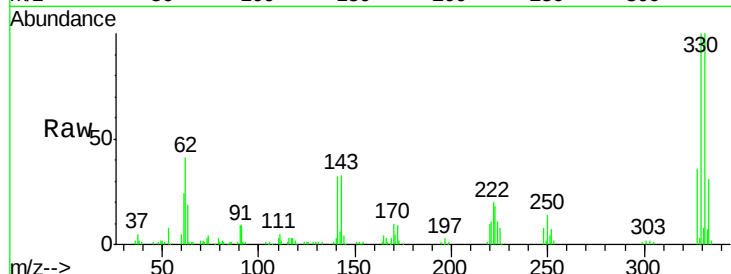
#41  
 2,4,6-Tribromophenol  
 Concen: 86.43 ng  
 RT: 10.20 min Scan# 754  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 76976 |       |       |
| 332     | 99.2  | 76.6  | 114.8 |       |
| 141     | 45.7  | 29.7  | 44.5# |       |

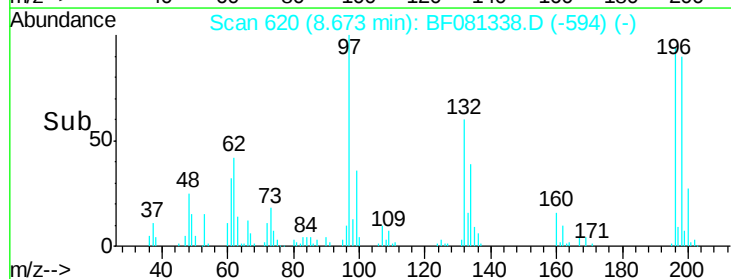
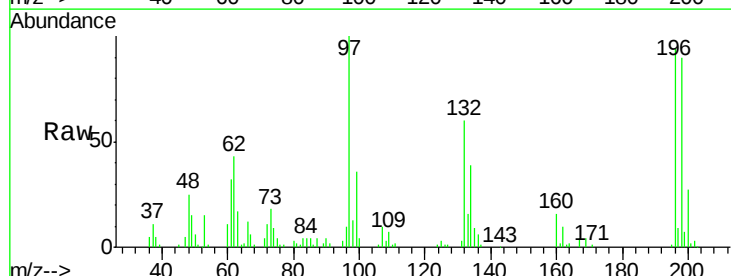
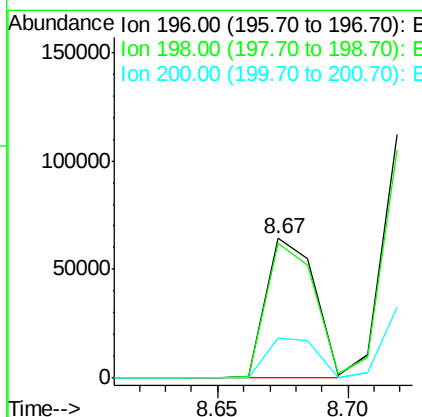
Manual Integrations  
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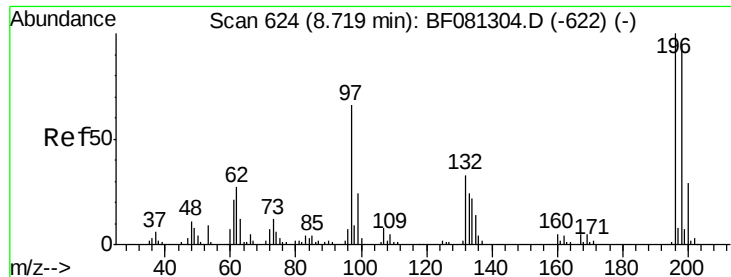
MMDadoda  
 9/3/2015 1:42:41 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 38.22 ng  
 RT: 8.67 min Scan# 620  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

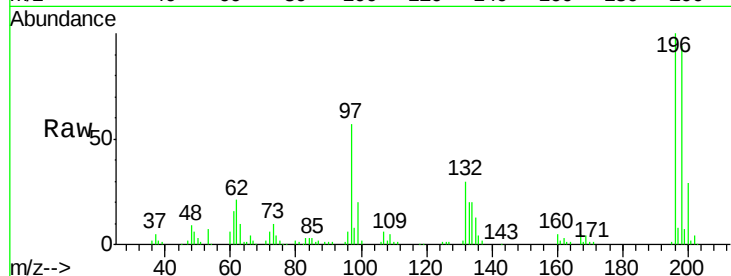
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 83434 |       |       |
| 198     | 96.4  | 75.7  | 113.5 |       |
| 200     | 28.4  | 23.9  | 35.9  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 43.19 ng  
 RT: 8.72 min Scan# 624  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

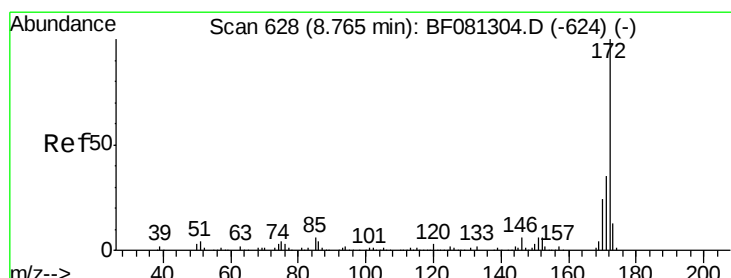
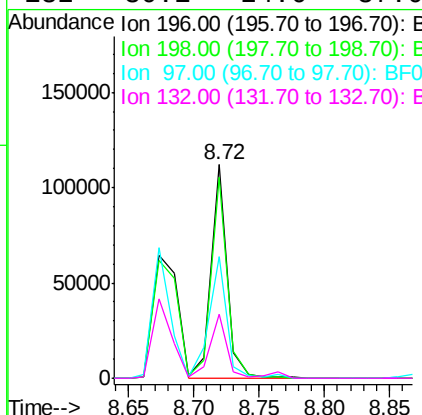
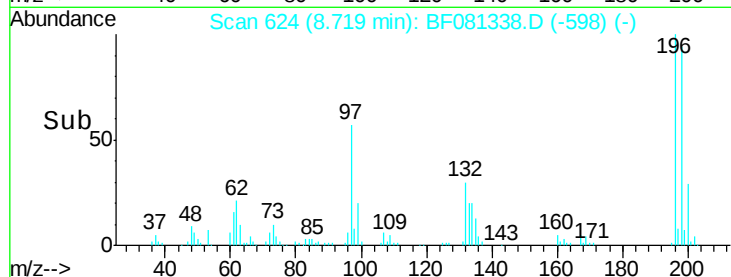
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



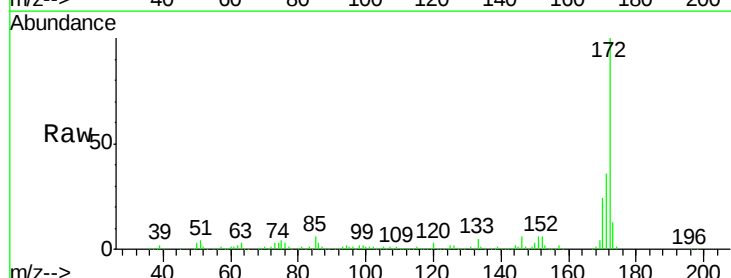
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 96194 |       |       |
| 198     | 93.9  | 75.4  | 113.0 |       |
| 97      | 57.2  | 33.3  | 49.9  |       |
| 132     | 30.1  | 24.6  | 37.0  |       |

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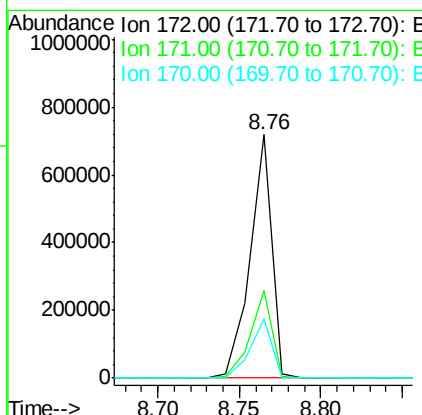
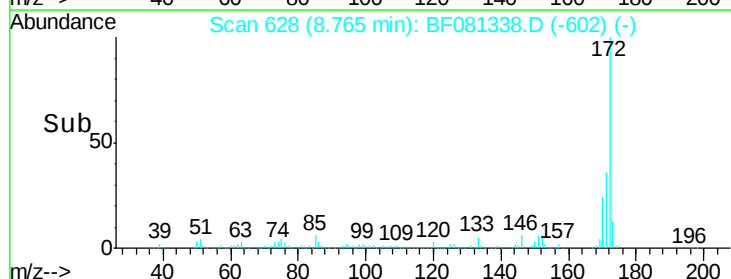
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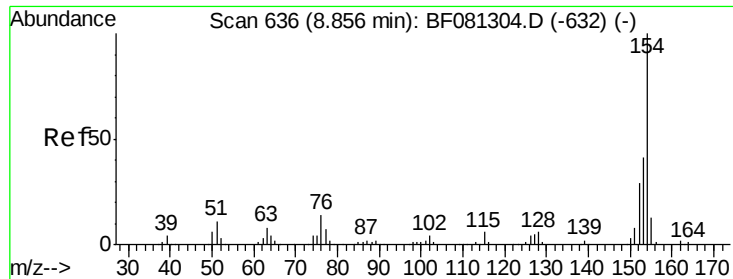


#44  
 2-Fluorobiphenyl  
 Concen: 84.91 ng  
 RT: 8.76 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 662681 |       |       |
| 171     | 35.7  | 26.1   | 39.1  |       |
| 170     | 24.4  | 17.4   | 26.2  |       |





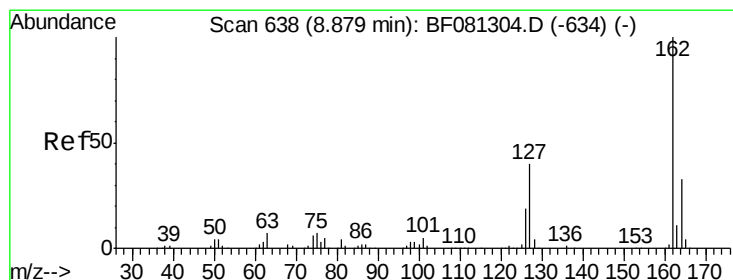
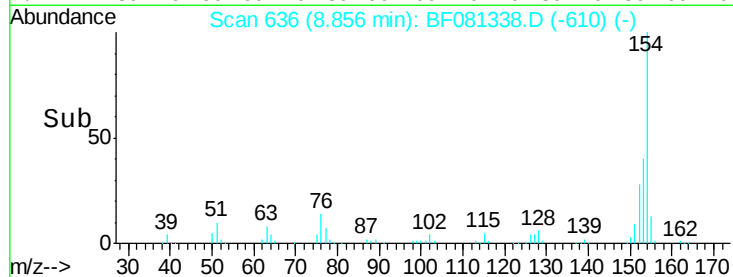
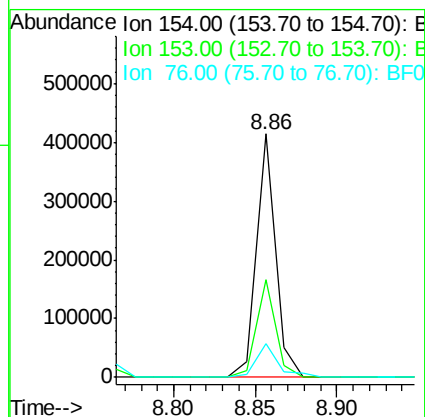
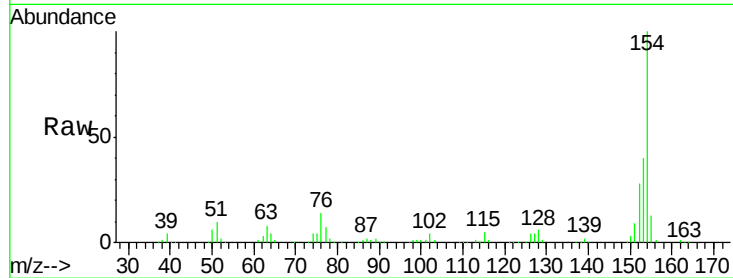
#45  
1,1'-Biphenyl  
Concen: 36.77 ng  
RT: 8.86 min Scan# 636  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 338344 |       |       |
| 153     | 40.0  | 17.1   | 57.1  |       |
| 76      | 13.6  | 0.0    | 31.6  |       |

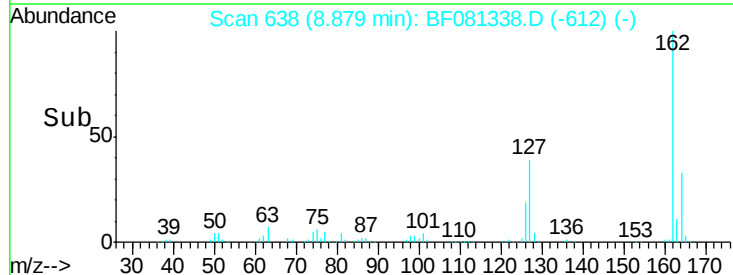
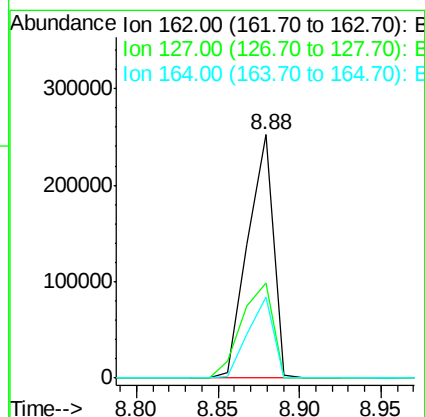
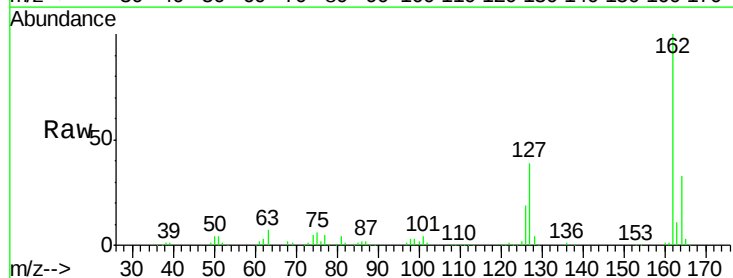
Manual Integrations  
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#46  
2-Chloronaphthalene  
Concen: 41.33 ng  
RT: 8.88 min Scan# 638  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 274633 |       |       |
| 127     | 39.1  | 27.6   | 41.4  |       |
| 164     | 33.1  | 25.4   | 38.2  |       |





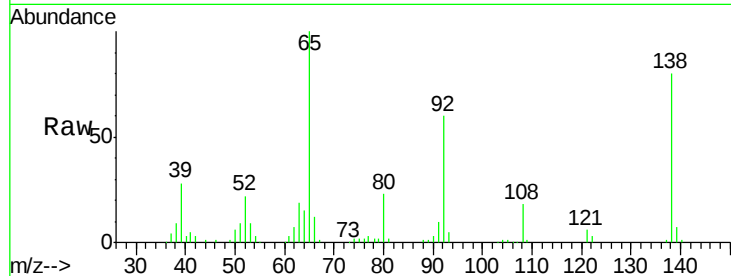
#47  
2-Nitroaniline  
Concen: 44.24 ng  
RT: 8.98 min Scan# 647  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 60.5  | 55.4  | 83.0   |
| 138     | 80.3  | 115.5 | 173.3# |

Manual Integrations  
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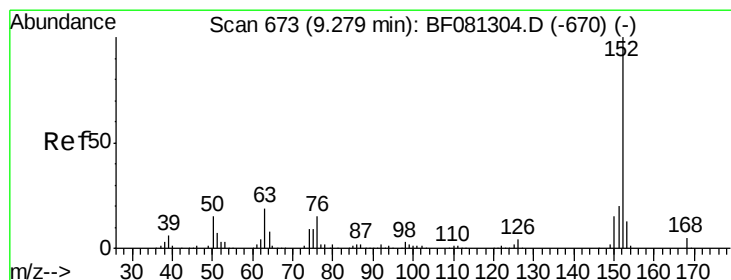
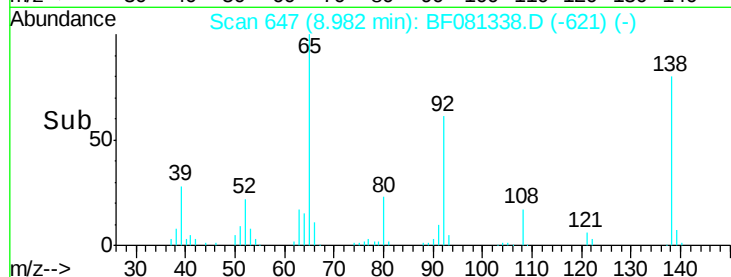
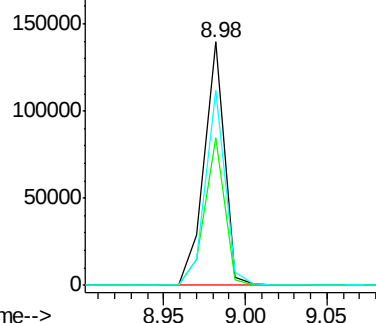


Abundance

Ion 65.00 (64.70 to 65.70): BF0

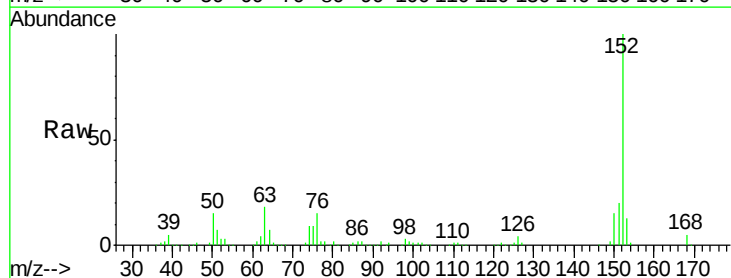
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48  
Acenaphthylene  
Concen: 36.27 ng  
RT: 9.28 min Scan# 673  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.4  | 14.6  | 22.0  |
| 153     | 13.3  | 10.3  | 15.5  |

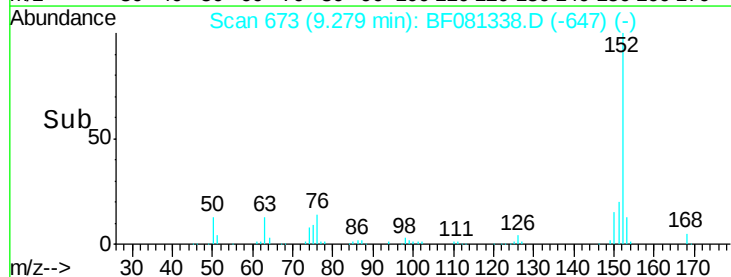
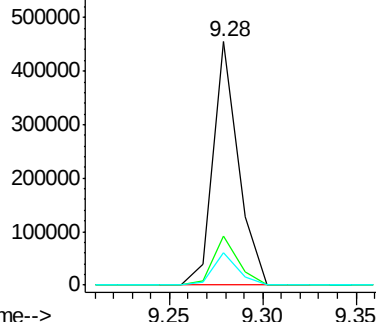


Abundance

Ion 152.00 (151.70 to 152.70): BF0

Ion 151.00 (150.70 to 151.70): BF0

Ion 153.00 (152.70 to 153.70): BF0





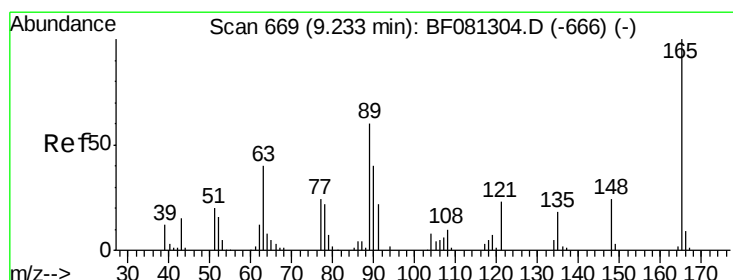
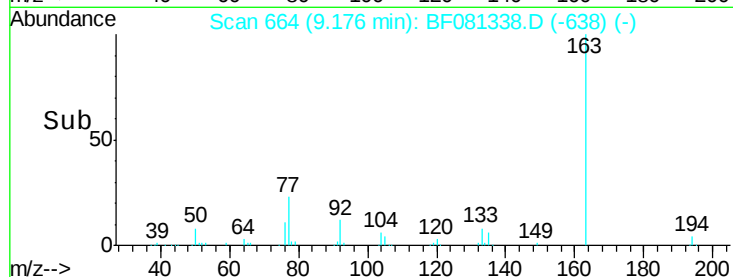
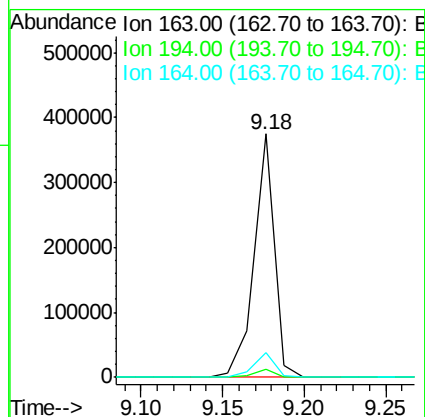
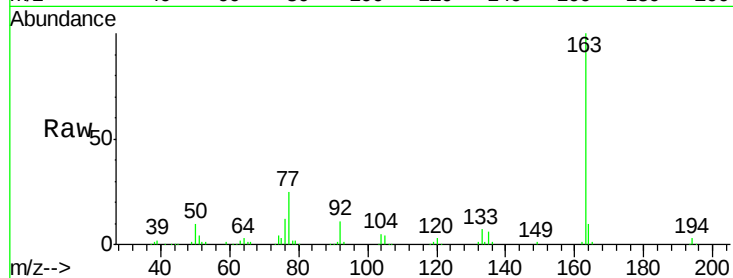
#49  
Dimethylphthalate  
Concen: 41.52 ng  
RT: 9.18 min Scan# 664  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.4   | 4.4        | 6.6#       |
| 164     | 9.9   | 8.3        | 12.5       |

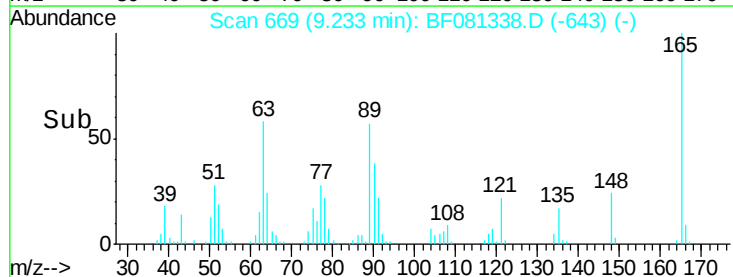
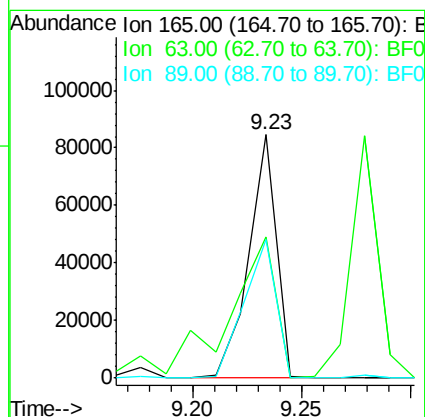
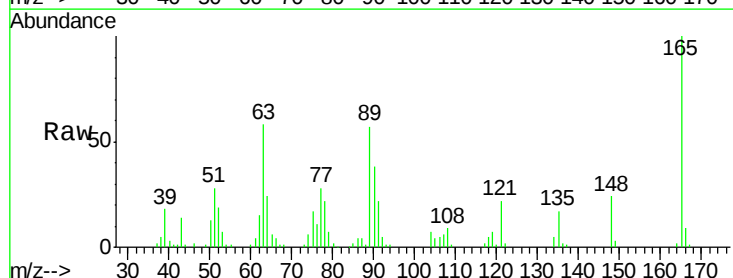
Manual Integrations  
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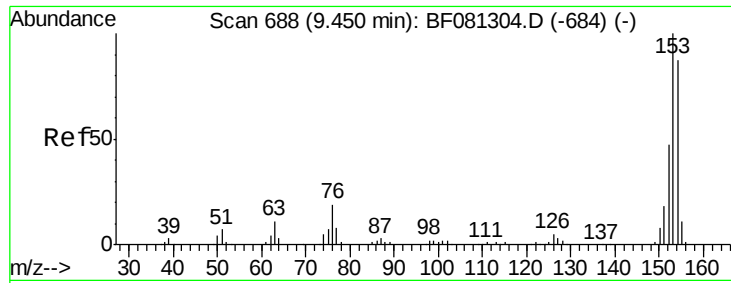
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9/3/2015 1:42:41 PM



#50  
2,6-Dinitrotoluene  
Concen: 42.15 ng  
RT: 9.23 min Scan# 669  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 57.8  | 32.3       | 48.5#      |
| 89      | 56.8  | 28.6       | 43.0#      |





#51

Acenaphthene

Concen: 35.70 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081338.D

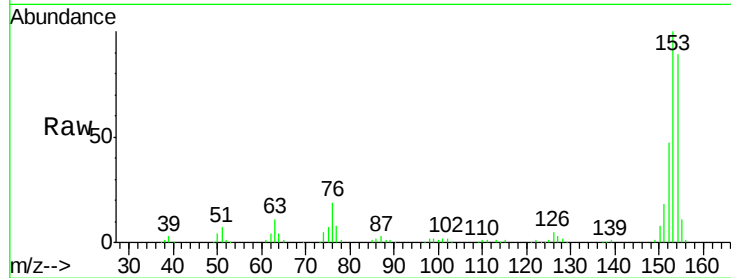
Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

ClientSampleId :

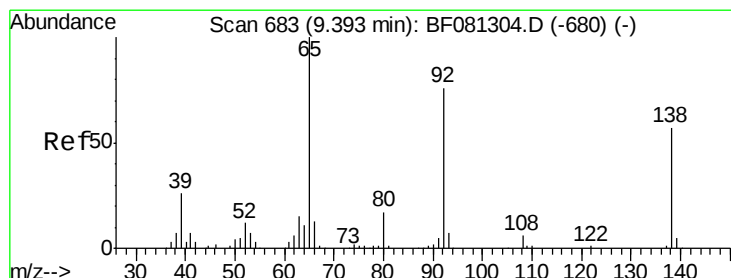
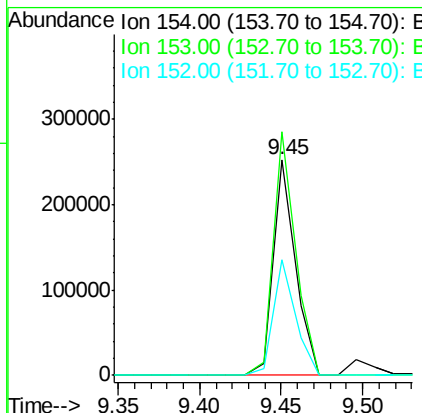
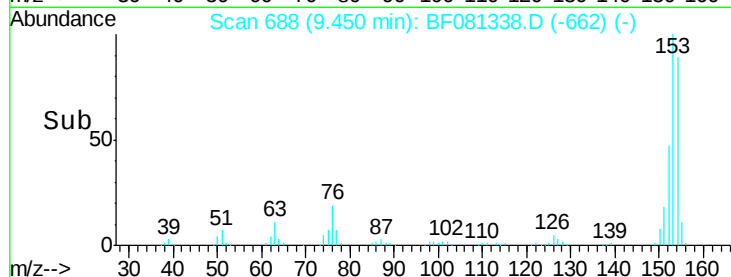
SSTDCCC040



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 239454 |       |       |
| 153     | 112.8 | 82.1   | 123.1 |       |
| 152     | 53.4  | 37.9   | 56.9  |       |

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#52

3-Nitroaniline

Concen: 41.92 ng

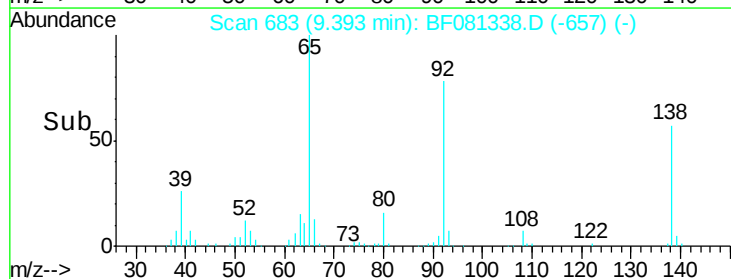
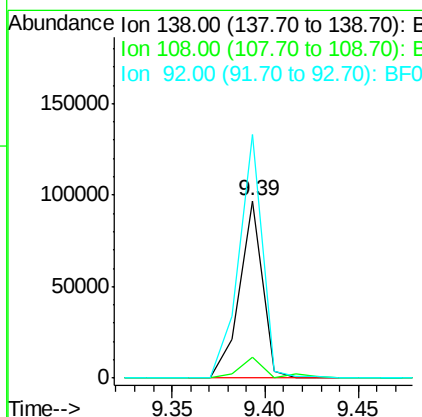
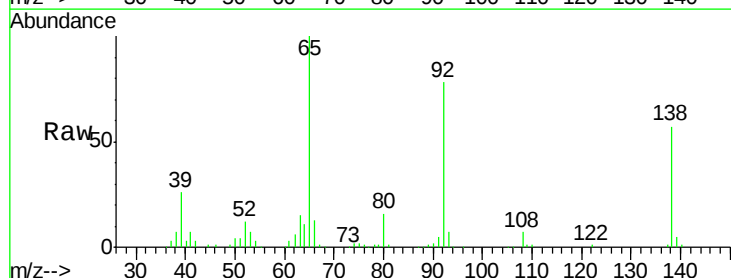
RT: 9.39 min Scan# 683

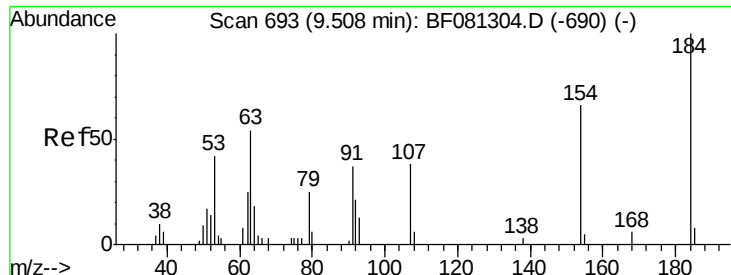
Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 138     | 100   | 84169 |        |       |
| 108     | 11.8  | 5.7   | 8.5#   |       |
| 92      | 137.3 | 67.7  | 101.5# |       |





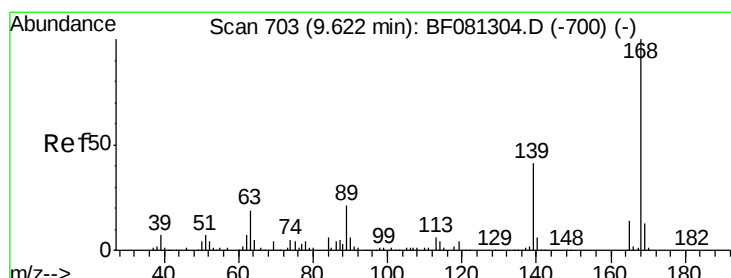
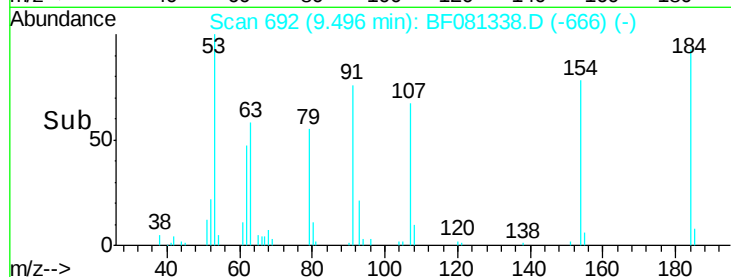
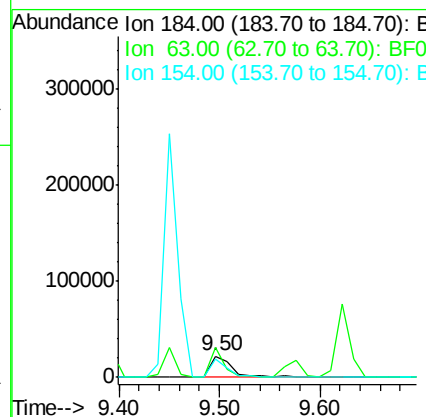
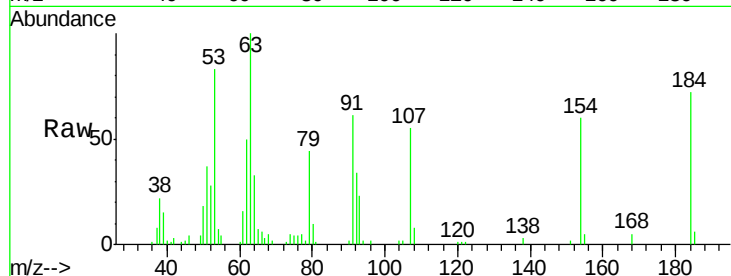
#53  
2,4-Dinitrophenol  
Concen: 44.18 ng  
RT: 9.50 min Scan# 692  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 32823 |       |       |
| 63      | 139.7 | 35.4  | 53.2# |       |
| 154     | 84.2  | 32.2  | 48.4# |       |

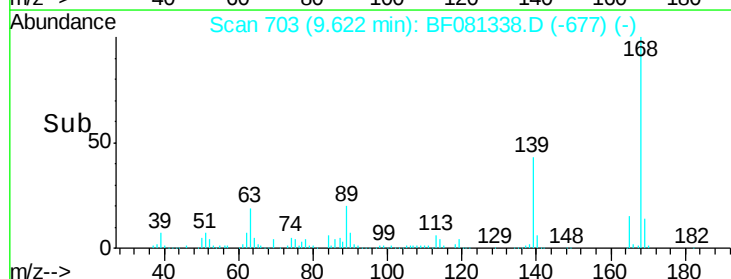
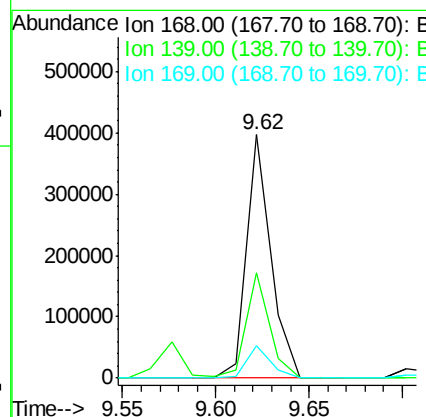
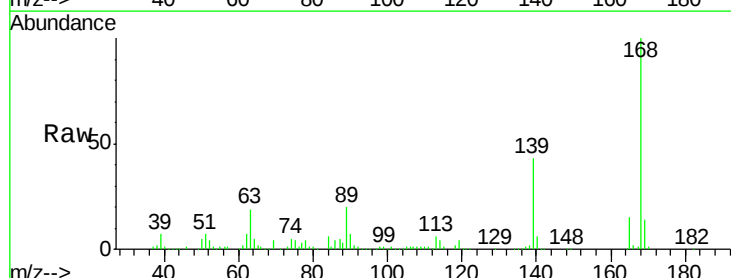
Manual Integrations  
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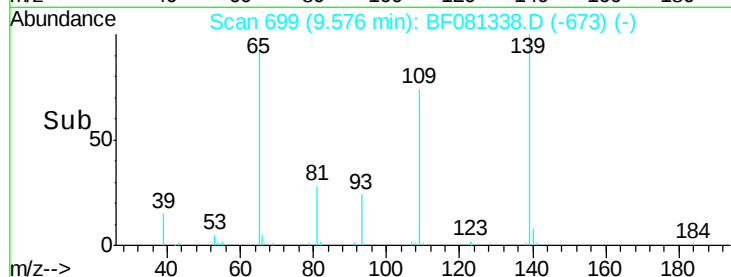
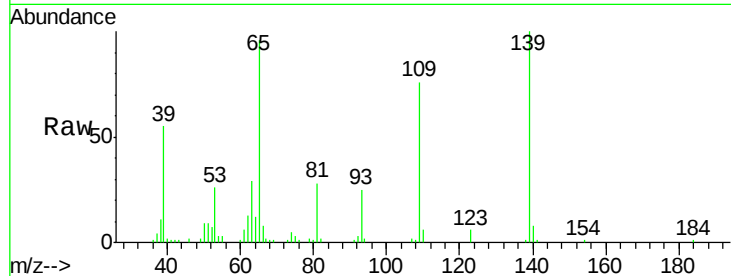
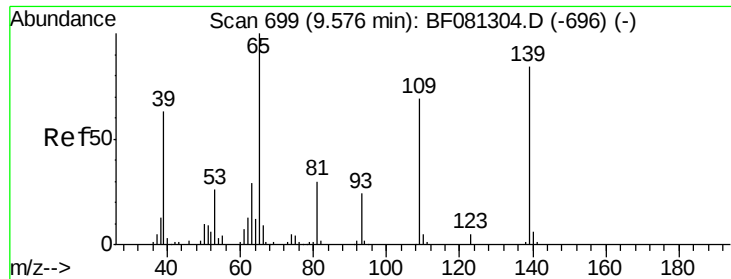
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9/3/2015 1:42:41 PM



#54  
Dibenzofuran  
Concen: 36.84 ng  
RT: 9.62 min Scan# 703  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 360773 |       |       |
| 139     | 43.2  | 24.2   | 36.2# |       |
| 169     | 13.6  | 10.6   | 15.8  |       |





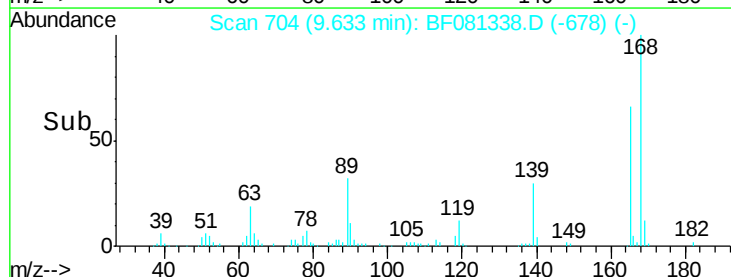
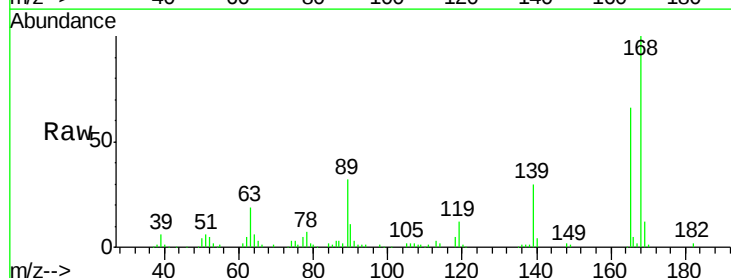
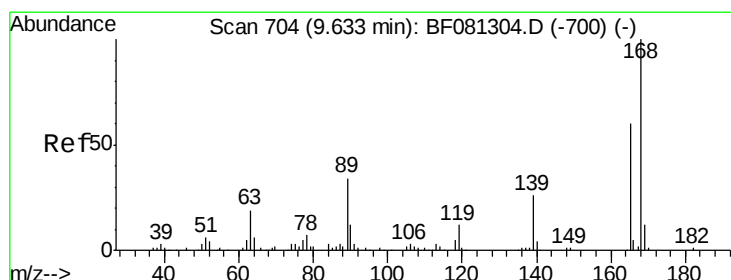
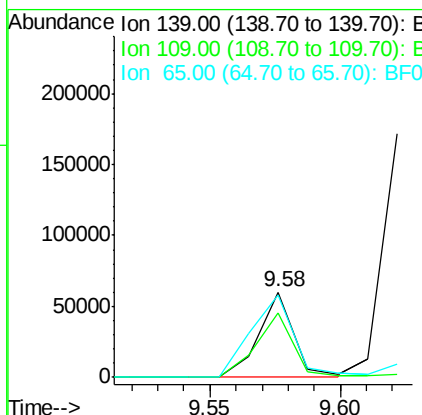
#55  
4-Nitrophenol  
Concen: 45.21 ng  
RT: 9.58 min Scan# 699  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 139     | 100   |            |            |
| 109     | 76.3  | 12.7       | 52.7#      |
| 65      | 96.2  | 45.9       | 85.9#      |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

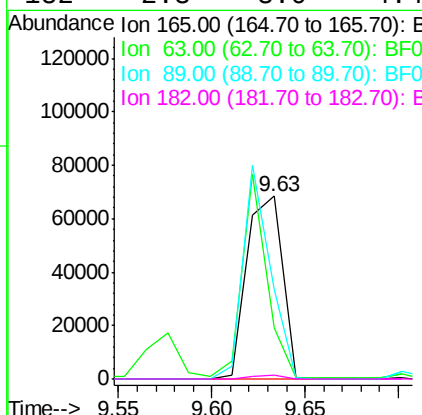
Manual Integrations  
APPROVED

MMDadoda  
9/3/2015 1:42:41 PM



#56  
2,4-Dinitrotoluene  
Concen: 40.25 ng  
RT: 9.63 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 28.1  | 29.8       | 44.6#      |
| 89      | 48.9  | 44.5       | 66.7       |
| 182     | 2.3   | 3.0        | 4.4#       |





#57

Fluorene

Concen: 43.73 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 324970

Ion Ratio Lower Upper

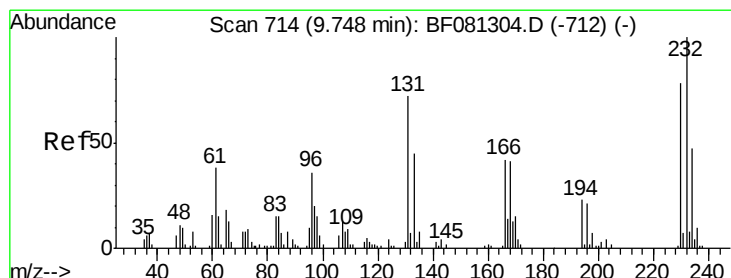
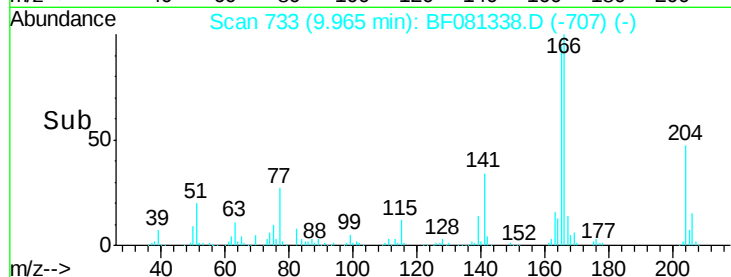
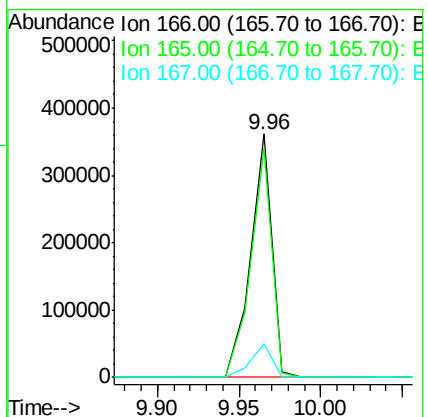
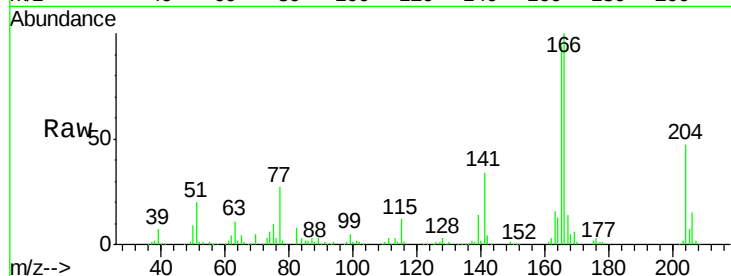
166 100

165 94.2 72.6 109.0

167 13.8 10.6 16.0

Manual Integrations  
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MMDadoda  
9/3/2015 1:42:41 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.87 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Tgt Ion:232 Resp: 69494

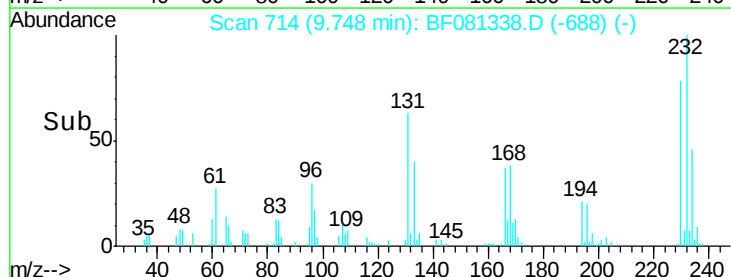
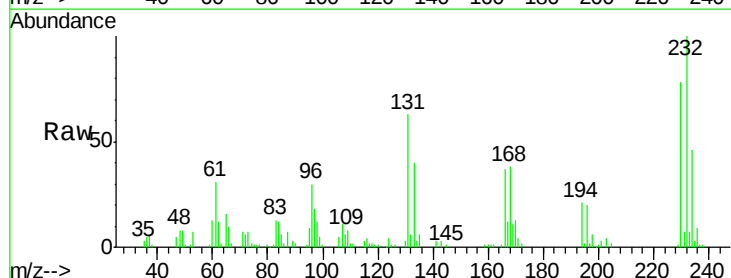
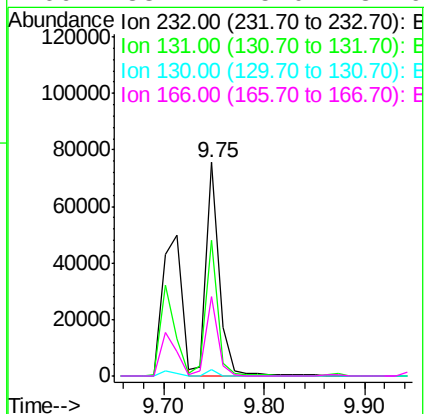
Ion Ratio Lower Upper

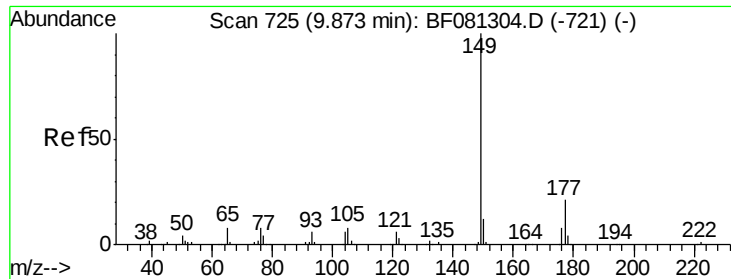
232 100

131 57.3 38.5 57.7

130 2.3 1.8 2.6

166 33.7 25.0 37.6





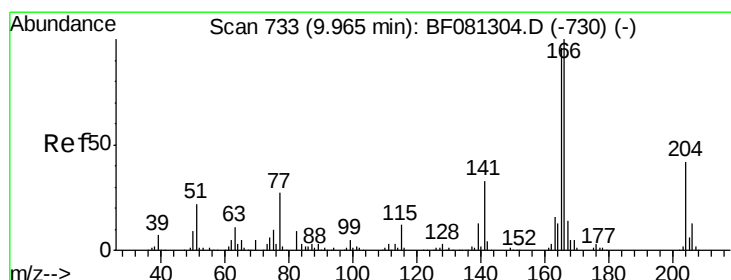
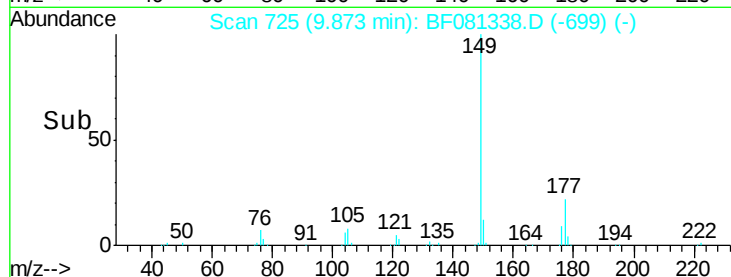
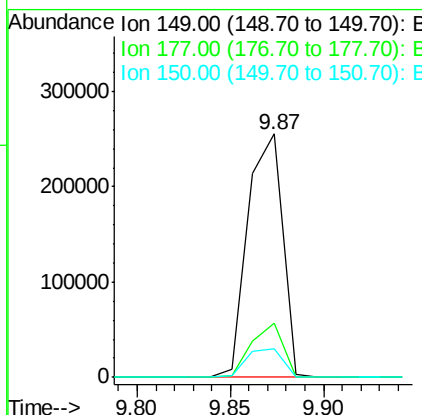
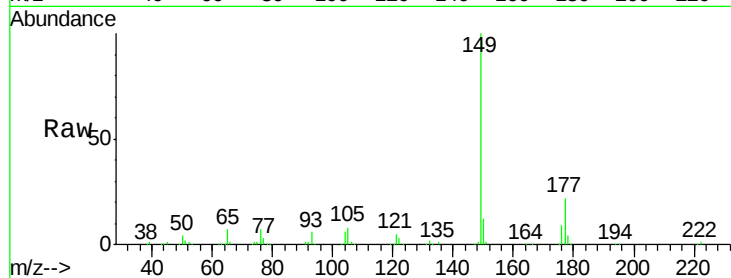
#59  
Diethylphthalate  
Concen: 40.45 ng  
RT: 9.87 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.2  | 17.5  | 26.3  |
| 150     | 11.9  | 9.4   | 14.2  |

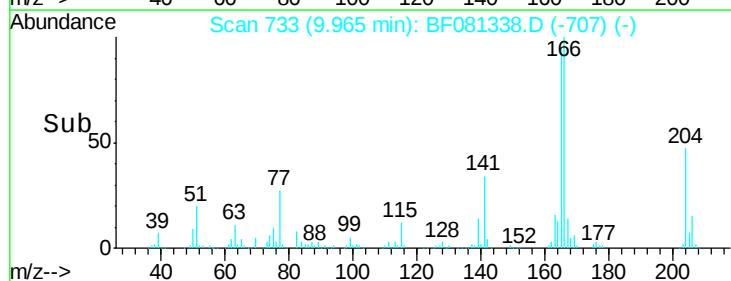
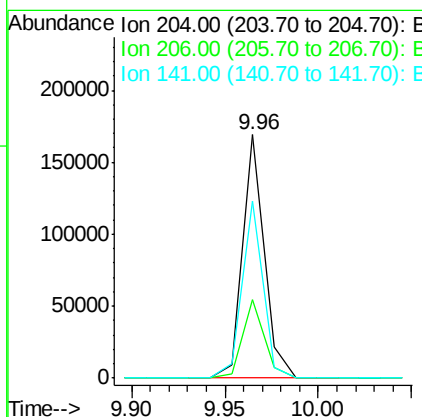
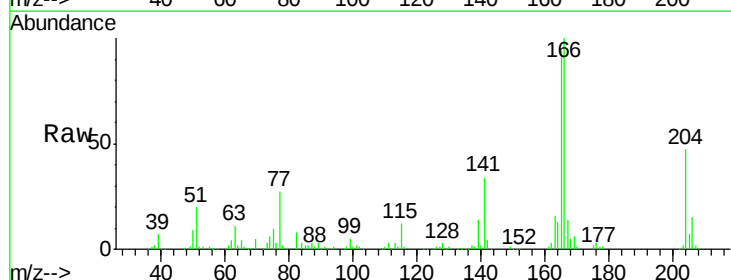
Manual Integrations  
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#60  
4-Chlorophenyl-phenylether  
Concen: 39.57 ng  
RT: 9.96 min Scan# 733  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 24.8  | 37.2  |
| 141     | 72.7  | 42.2  | 63.4  |





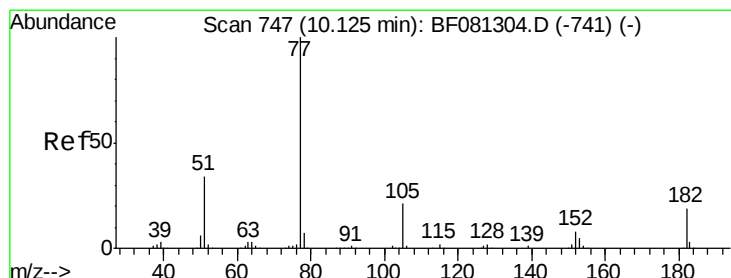
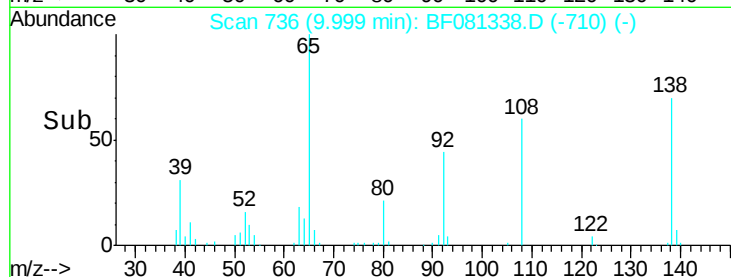
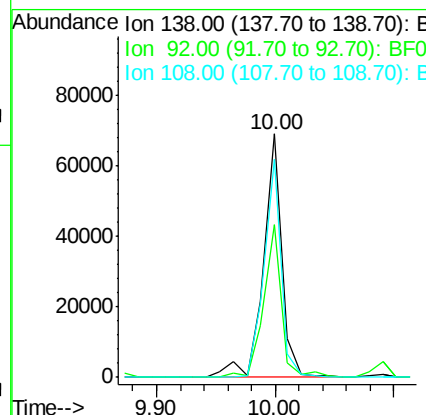
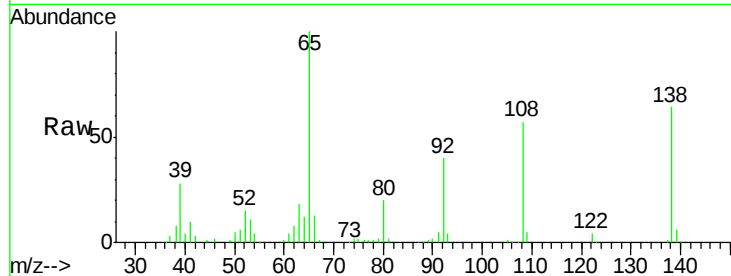
#61  
4-Nitroaniline  
Concen: 37.20 ng  
RT: 10.00 min Scan# 736  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 62.7  | 12.6  | 52.6# |
| 108     | 89.7  | 12.4  | 52.4# |

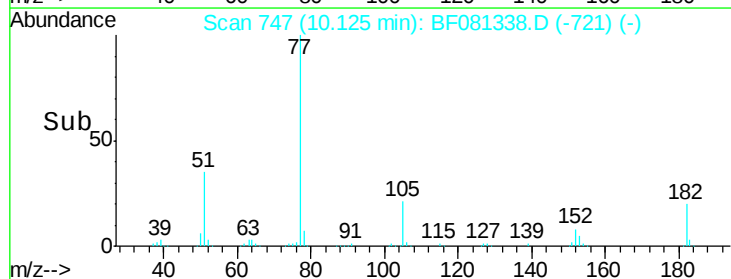
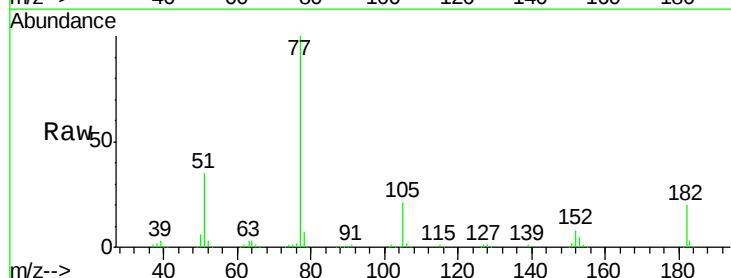
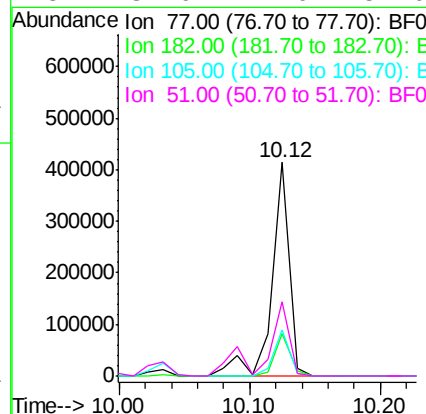
Manual Integrations  
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#62  
Azobenzene  
Concen: 42.95 ng  
RT: 10.12 min Scan# 747  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 19.6  | 15.1  | 55.1  |
| 105     | 21.5  | 3.4   | 43.4  |
| 51      | 34.9  | 12.0  | 52.0  |





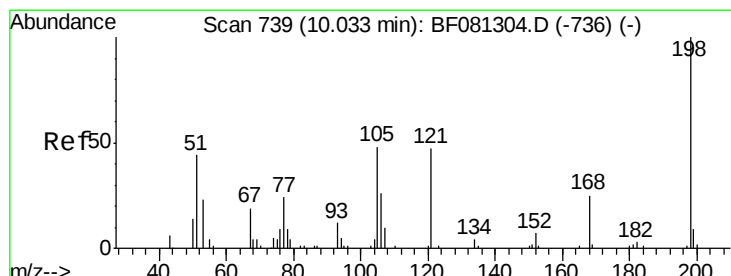
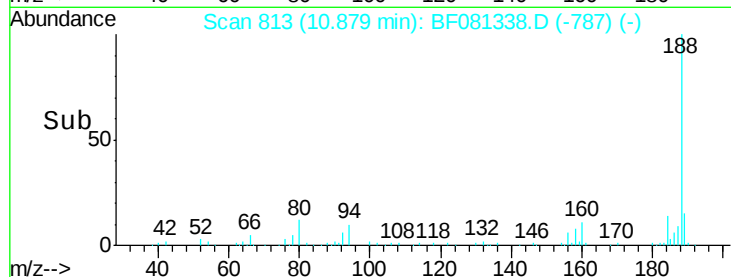
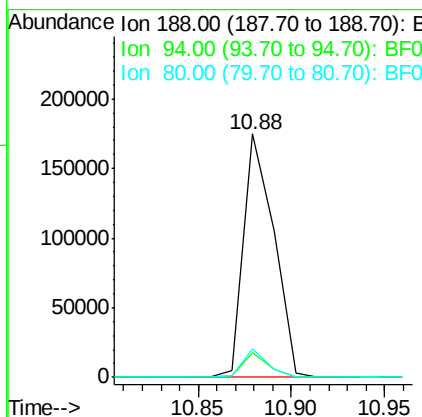
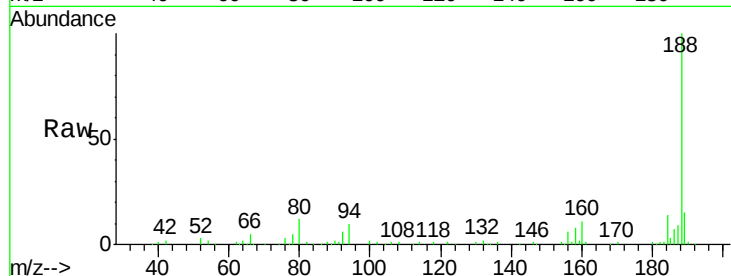
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 10.88 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 10.2  | 11.1       | 16.7#      |
| 80      | 11.6  | 11.0       | 16.4       |

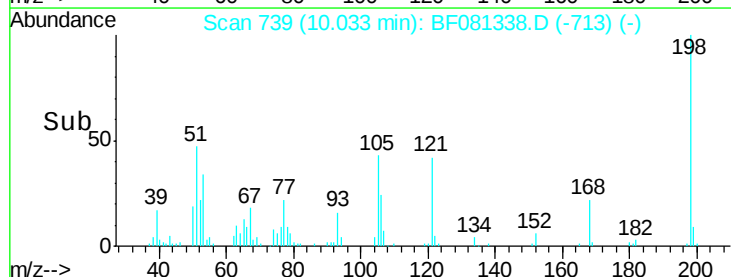
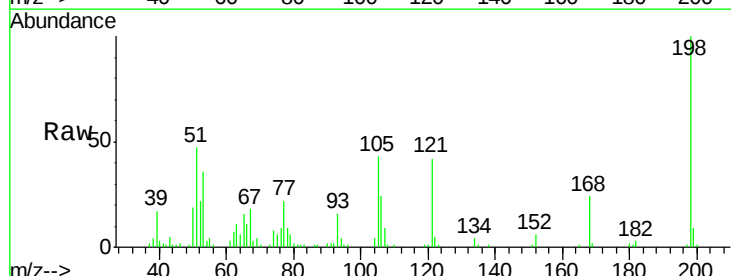
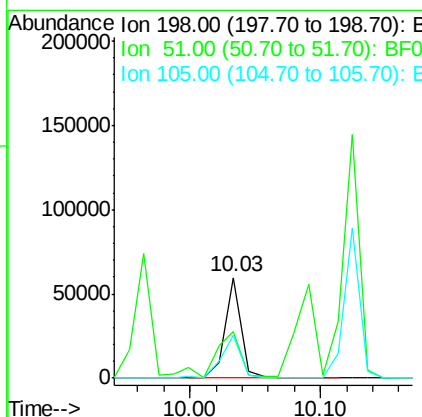
Manual Integrations  
APPROVED

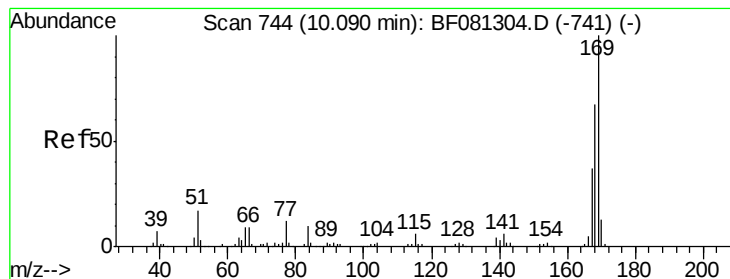
MMDadoda  
9/3/2015 1:42:41 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 46.52 ng  
RT: 10.03 min Scan# 739  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 46.5  | 39.6       | 79.6       |
| 105     | 42.6  | 28.5       | 68.5       |





#65

n-Nitrosodiphenylamine

Concen: 39.94 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:169 Resp: 287849

Ion Ratio Lower Upper

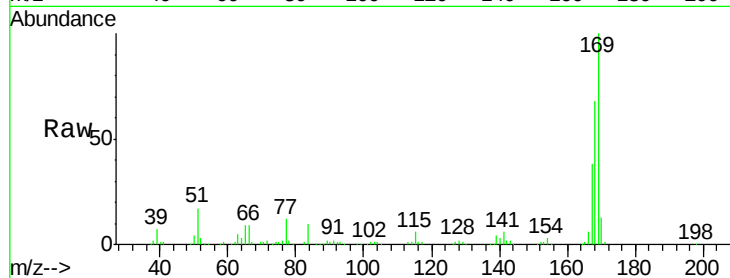
169 100

168 67.7 48.9 73.3

167 37.7 26.2 39.4

Manual Integrations  
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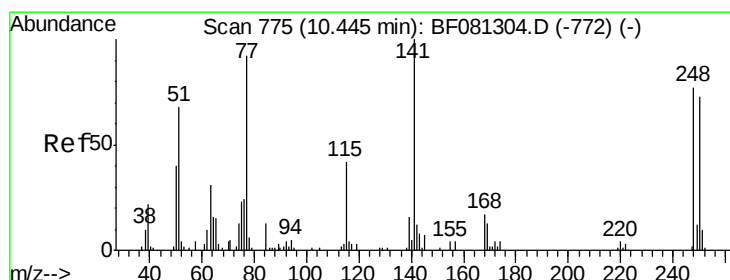
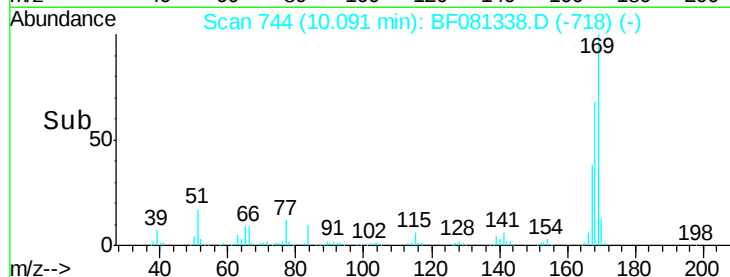
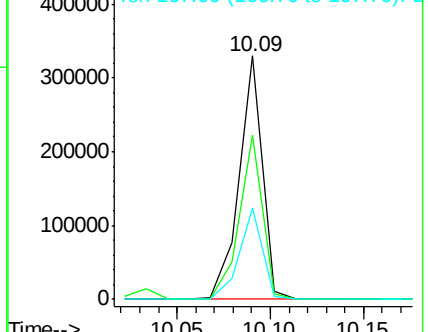
MMDadoda  
9/3/2015 1:42:41 PM



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: 36.32 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

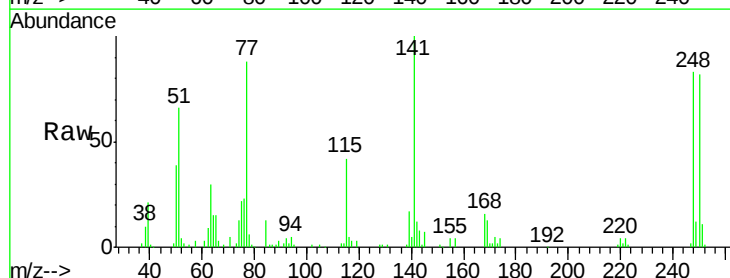
Tgt Ion:248 Resp: 72726

Ion Ratio Lower Upper

248 100

250 98.1 78.5 117.7

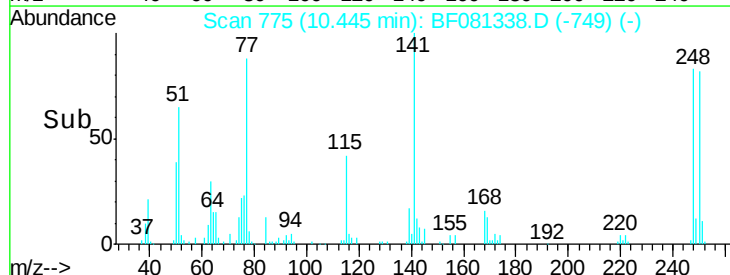
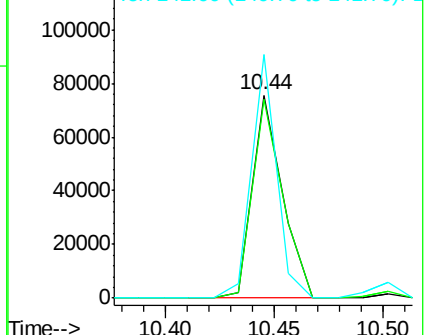
141 120.1 59.0 88.6#



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





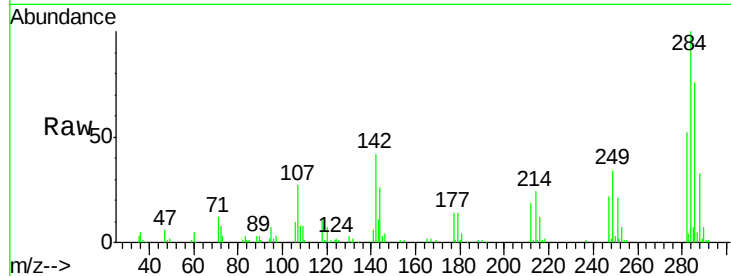
#67  
Hexachlorobenzene  
Concen: 39.65 ng  
RT: 10.50 min Scan# 780  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

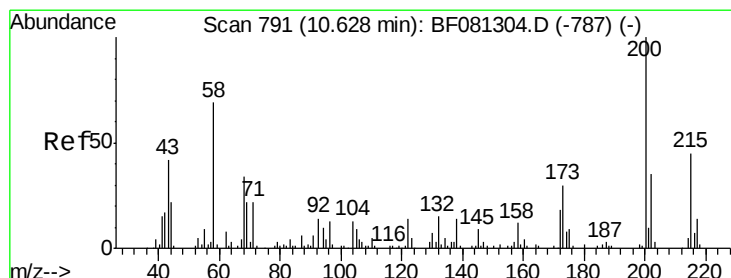
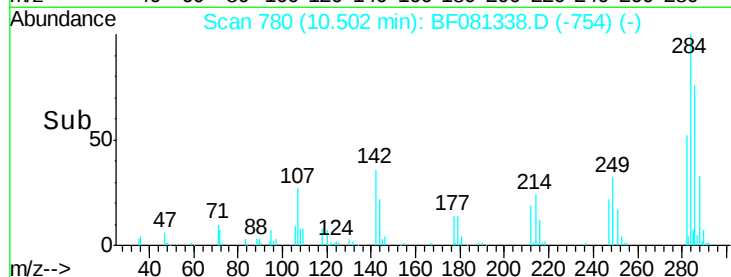
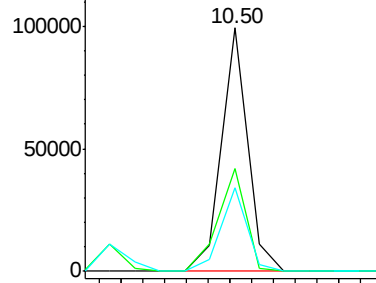
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 42.5  | 29.5       | 44.3       |
| 249     | 34.1  | 19.5       | 29.3       |

Manual Integrations  
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9/3/2015 1:42:41 PM

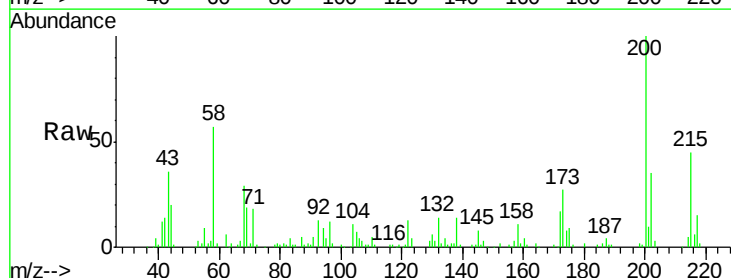


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

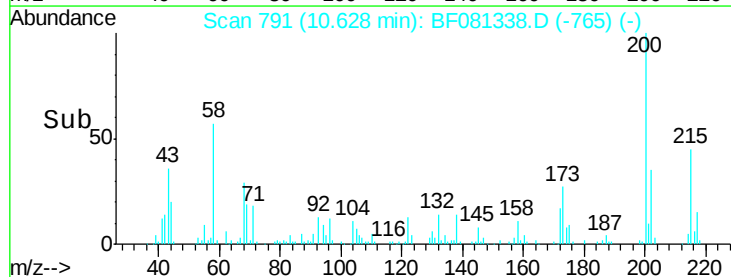
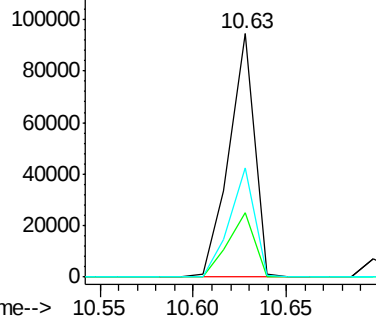


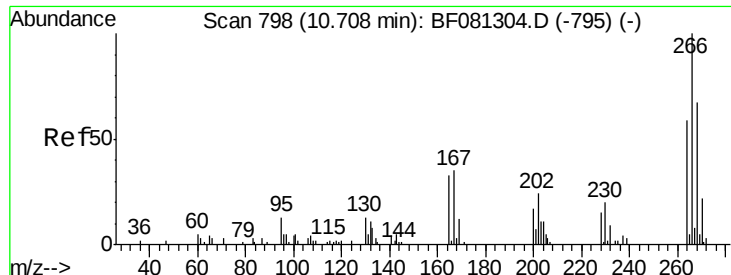
#68  
Atrazine  
Concen: 42.89 ng  
RT: 10.63 min Scan# 791  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 26.7  | 13.2       | 53.2       |
| 215     | 45.0  | 41.8       | 81.8       |



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





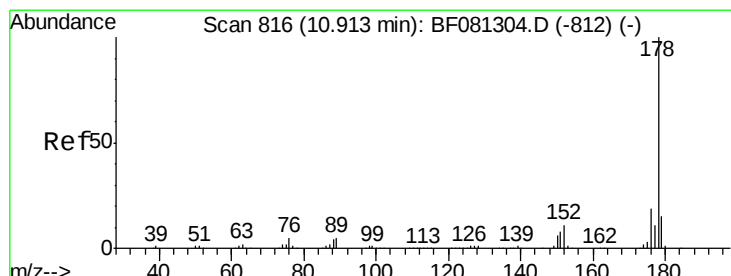
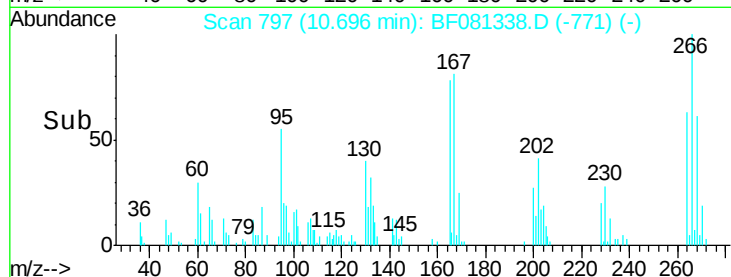
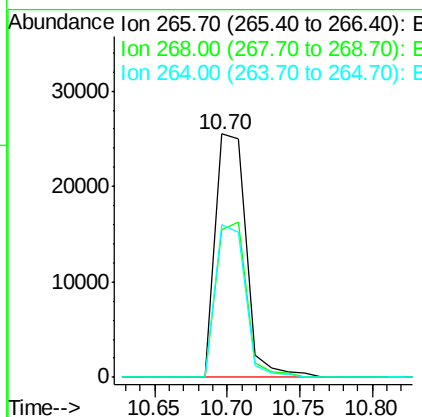
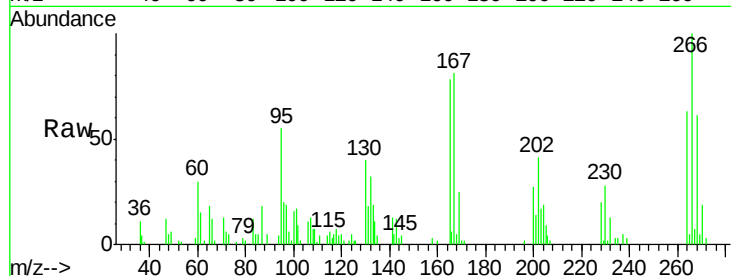
#69  
 Pentachlorophenol  
 Concen: 41.58 ng  
 RT: 10.70 min Scan# 797  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 37581 |       |       |
| 268     | 60.8  | 49.8  | 74.6  |       |
| 264     | 62.6  | 50.2  | 75.2  |       |

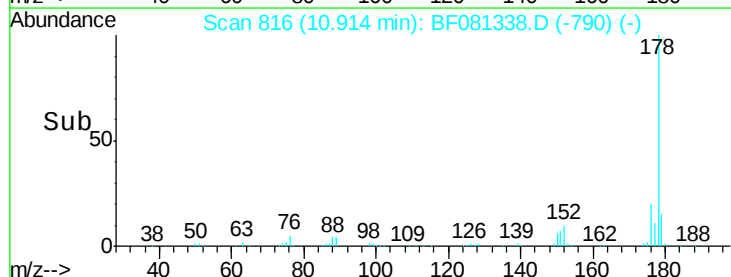
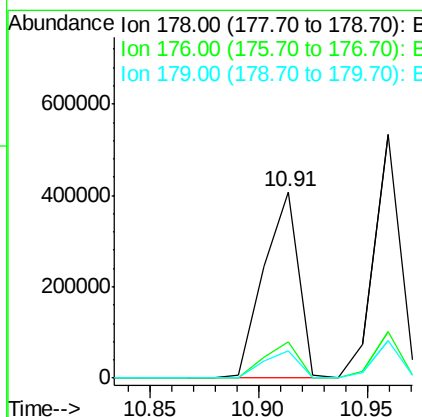
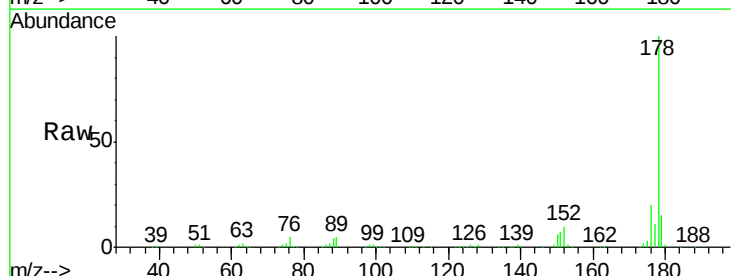
Manual Integrations  
 APPROVED

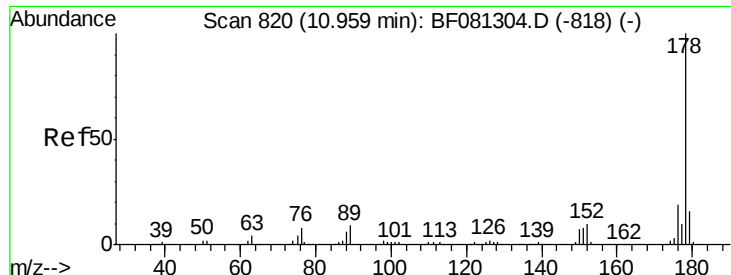
MMDadoda  
 9/3/2015 1:42:41 PM



#70  
 Phenanthrene  
 Concen: 41.48 ng  
 RT: 10.91 min Scan# 816  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 456657 |       |       |
| 176     | 19.6  | 13.8   | 20.8  |       |
| 179     | 14.7  | 12.2   | 18.2  |       |





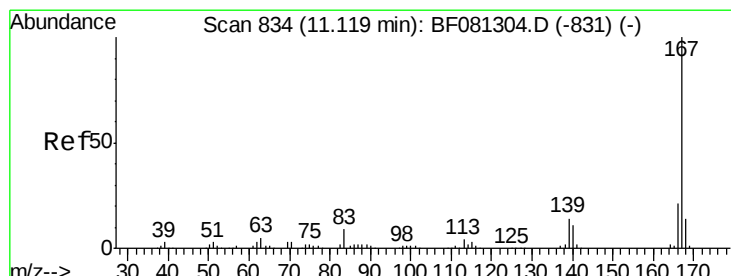
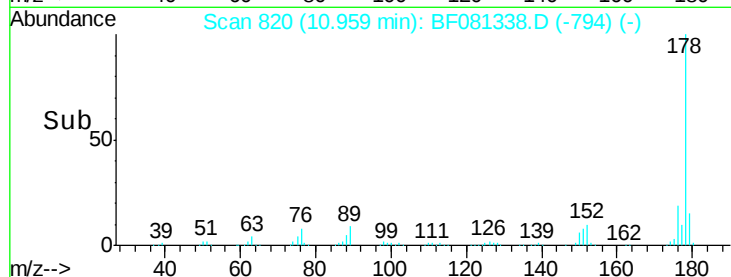
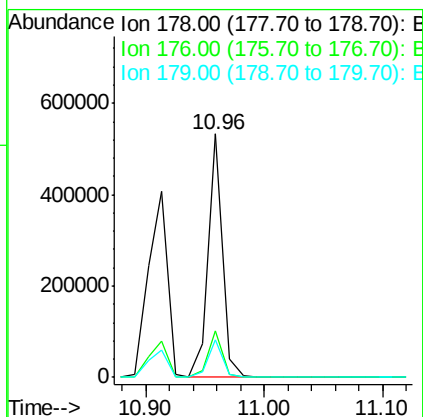
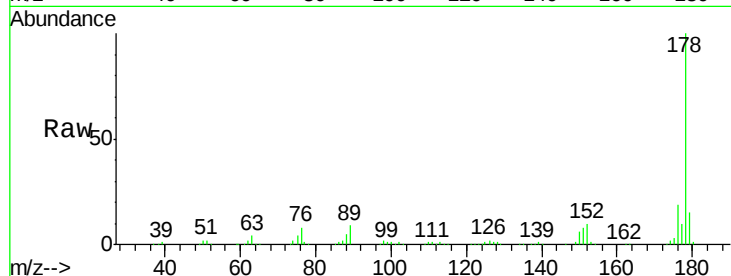
#71  
 Anthracene  
 Concen: 39.66 ng  
 RT: 10.96 min Scan# 820  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC0040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 448649 |       |       |
| 176     | 19.0  |        | 14.1  | 21.1  |
| 179     | 15.4  |        | 12.2  | 18.2  |

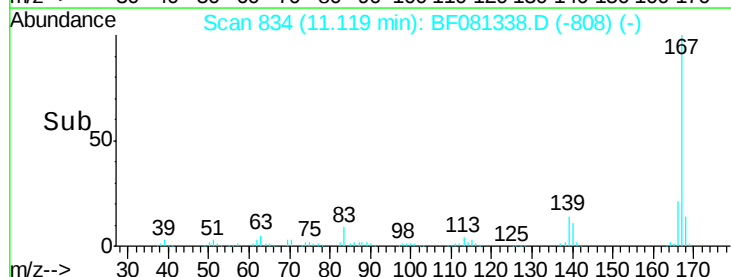
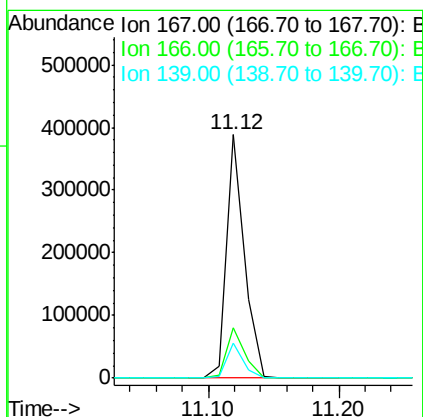
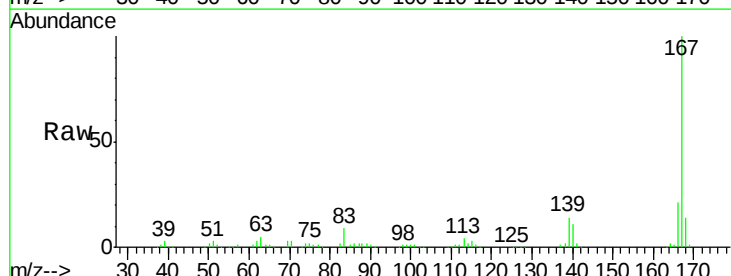
Manual Integrations  
 APPROVED

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 9/3/2015 1:42:41 PM



#72  
 Carbazole  
 Concen: 34.72 ng  
 RT: 11.12 min Scan# 834  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 368567 |       |       |
| 166     | 20.7  |        | 15.7  | 23.5  |
| 139     | 14.4  |        | 9.5   | 14.3# |





#73

Di-n-butylphthalate

Concen: 39.04 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

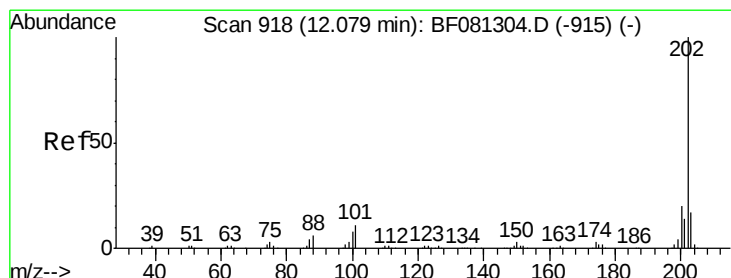
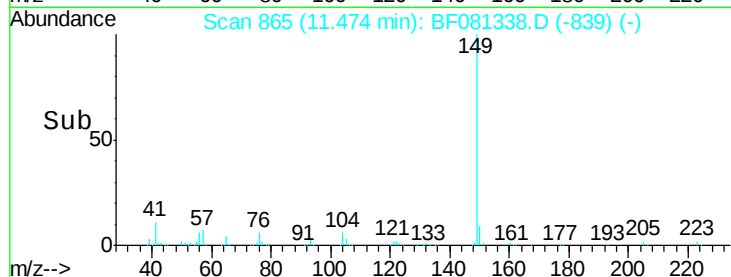
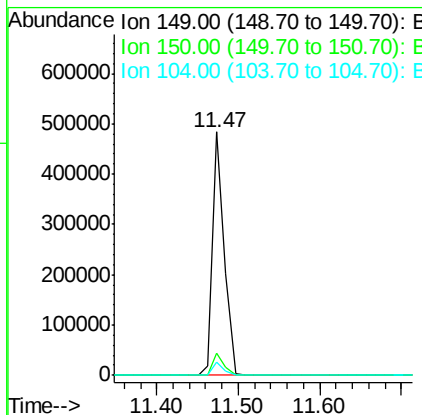
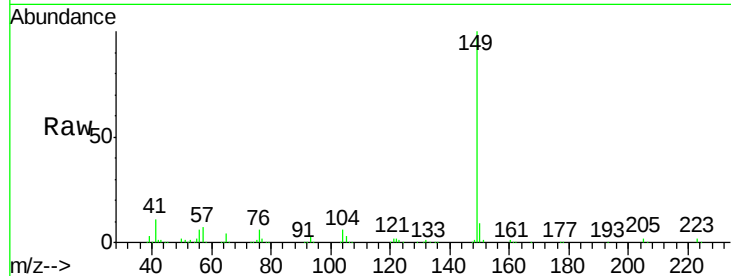
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 489315 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 7.4   | 11.2   |
| 104       | 5.6   | 2.4   | 3.6#   |

Manual Integrations  
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#74

Fluoranthene

Concen: 38.88 ng

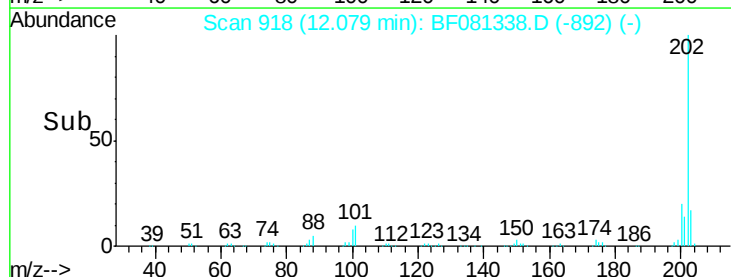
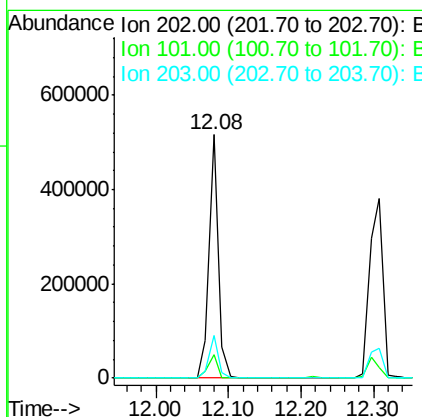
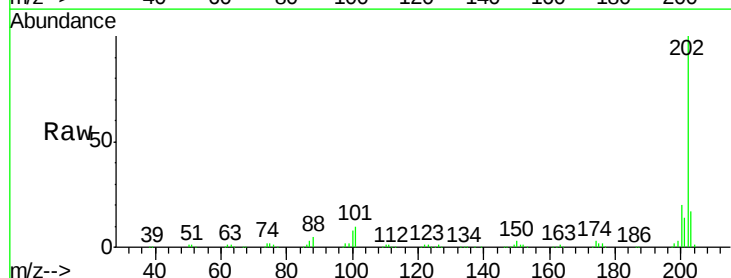
RT: 12.08 min Scan# 918

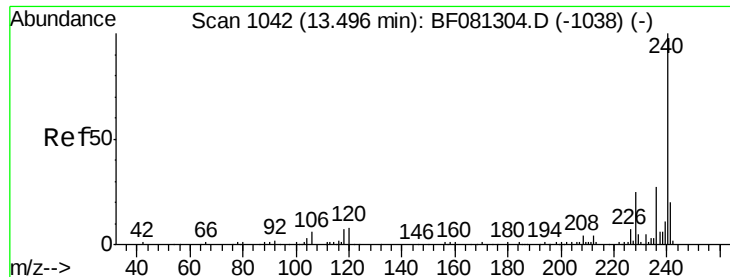
Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 463425 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.8   | 0.0   | 38.3   |
| 203       | 17.4  | 0.0   | 37.3   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

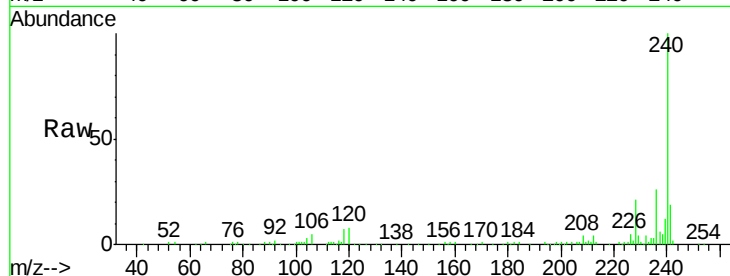
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 172862 |       |       |
| 120     | 7.6   | 16.2   | 24.2# |       |
| 236     | 25.6  | 18.4   | 27.6  |       |

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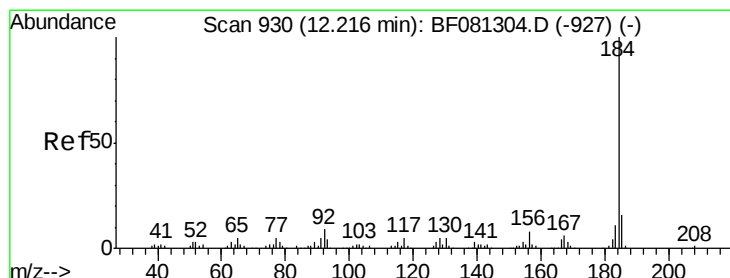
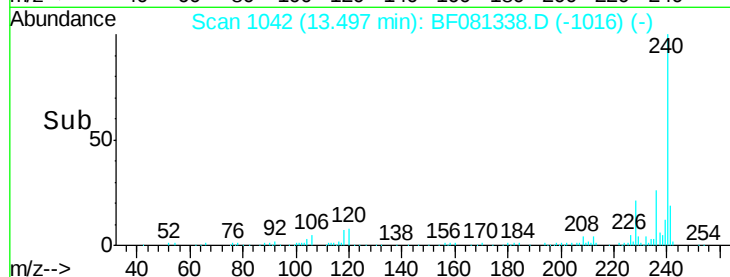
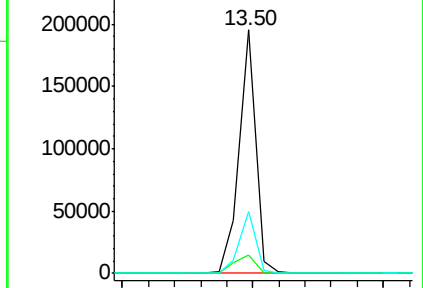
MMDadoda  
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.96 ng

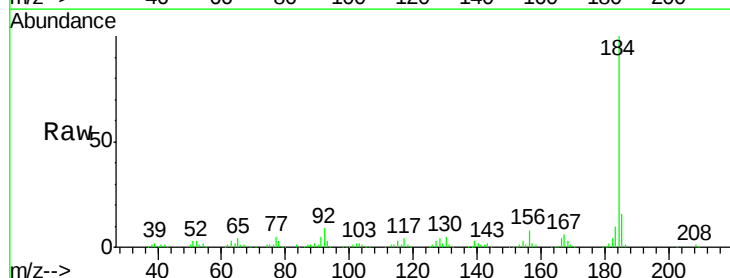
RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

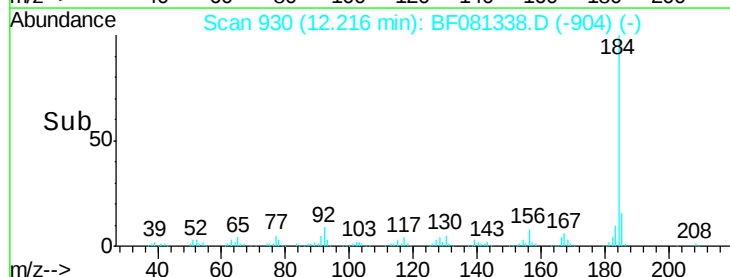
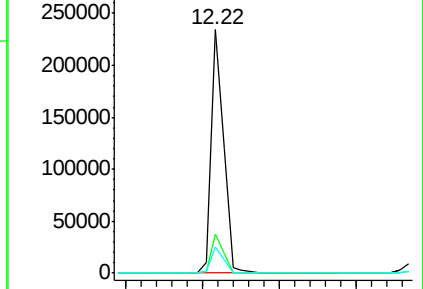
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 259403 |       |       |
| 185     | 16.0  | 11.8   | 17.6  |       |
| 183     | 10.4  | 7.6    | 11.4  |       |

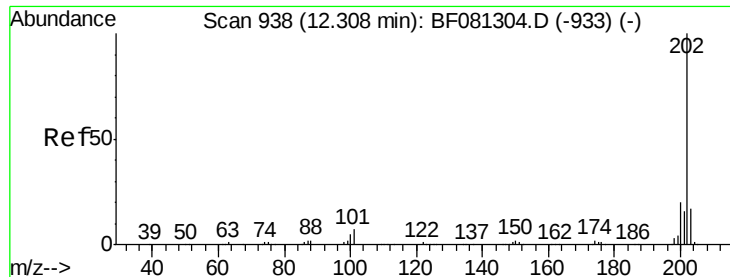


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





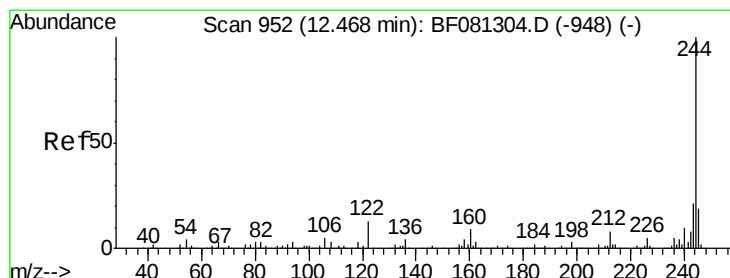
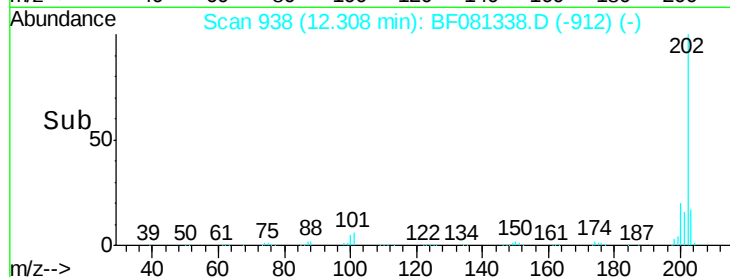
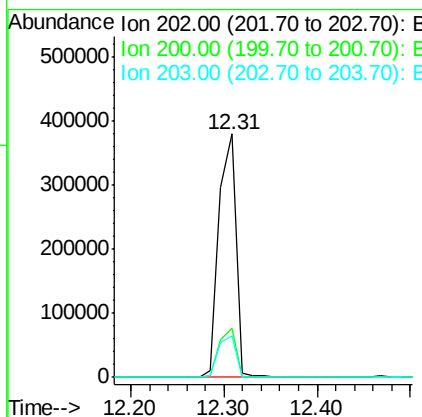
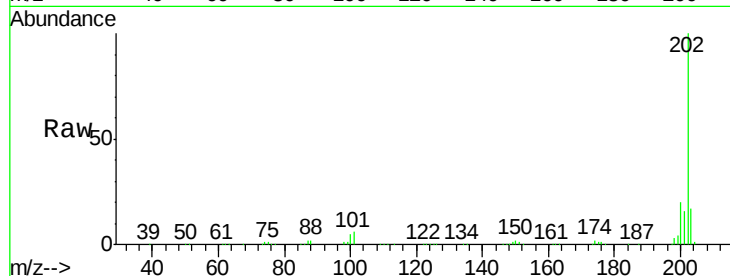
#77  
 Pyrene  
 Concen: 37.67 ng  
 RT: 12.31 min Scan# 938  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 20.2  | 15.0       | 22.4       |
| 203     | 16.9  | 14.1       | 21.1       |

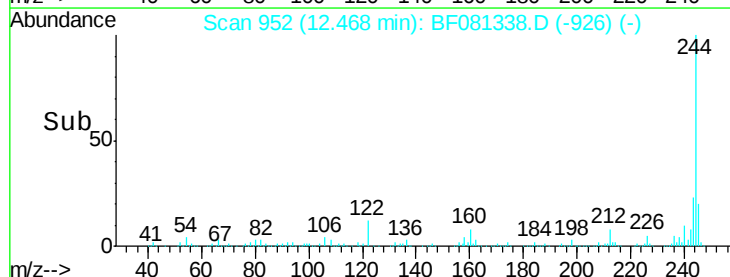
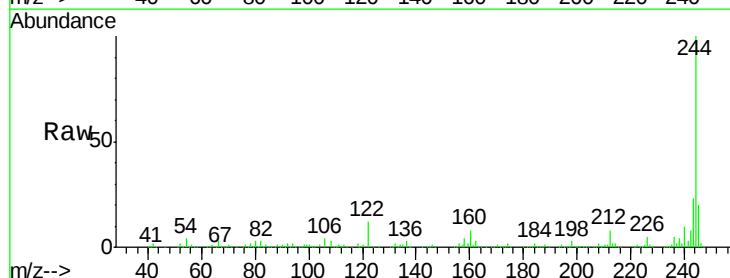
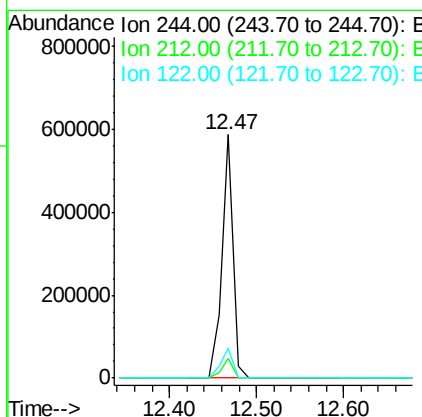
Manual Integrations  
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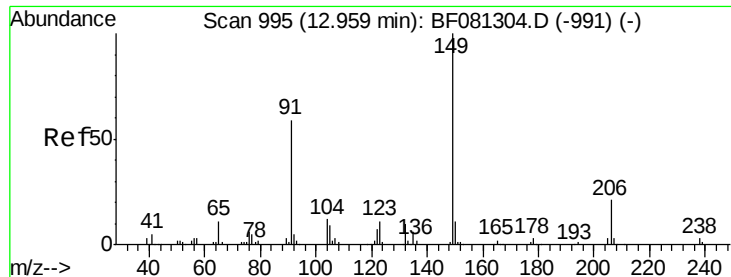
MMDadoda  
 9/3/2015 1:42:41 PM



#78  
 Terphenyl-d14  
 Concen: 72.00 ng  
 RT: 12.47 min Scan# 952  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 8.0   | 4.3        | 6.5#       |
| 122     | 12.1  | 17.4       | 26.2#      |





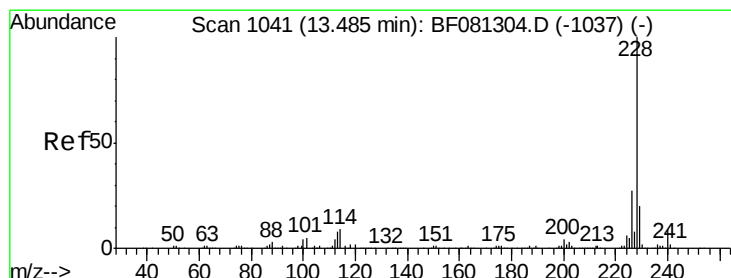
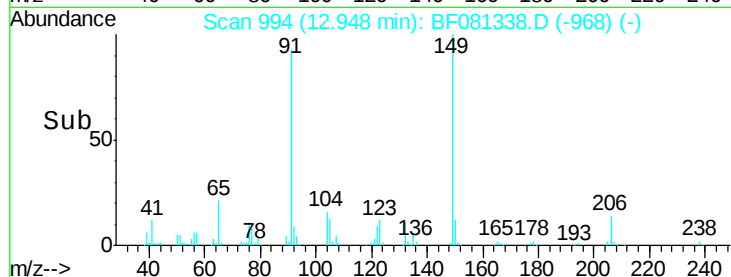
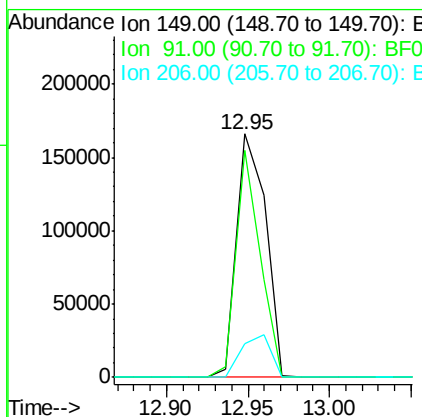
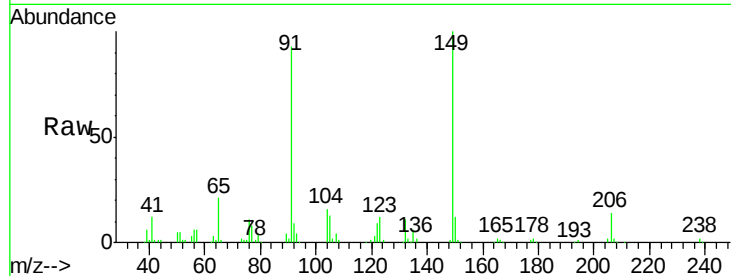
#79  
Butylbenzylphthalate  
Concen: 36.66 ng  
RT: 12.95 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 93.1  | 48.6       | 72.8#      |
| 206     | 13.7  | 14.9       | 22.3#      |

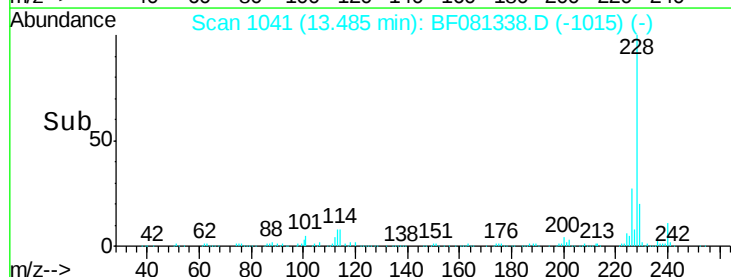
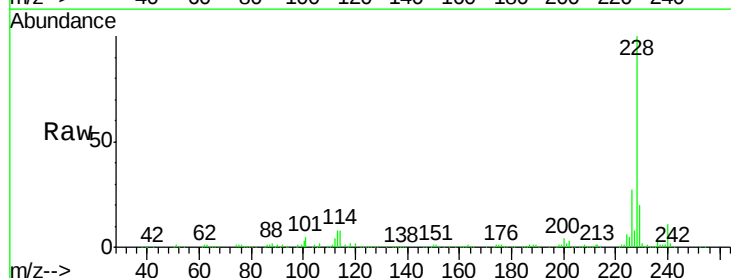
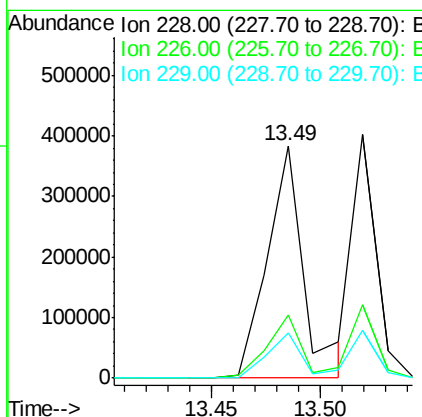
Manual Integrations  
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9/3/2015 1:42:41 PM



#80  
Benzo(a)anthracene  
Concen: 41.08 ng  
RT: 13.49 min Scan# 1041  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.3  | 20.0       | 30.0       |
| 229     | 19.6  | 15.4       | 23.2       |





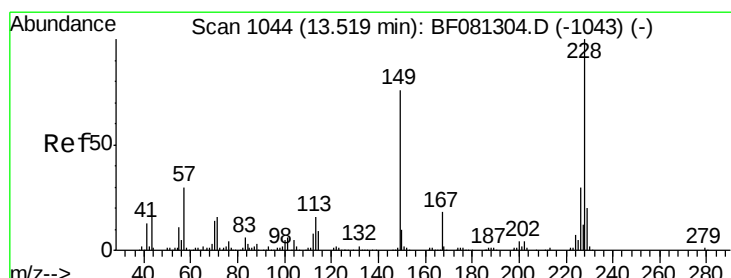
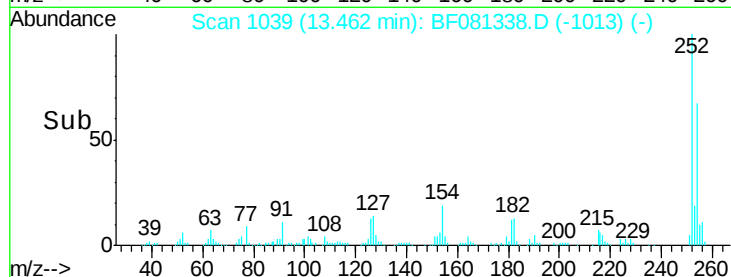
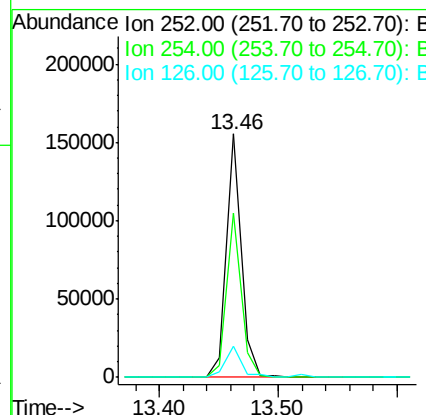
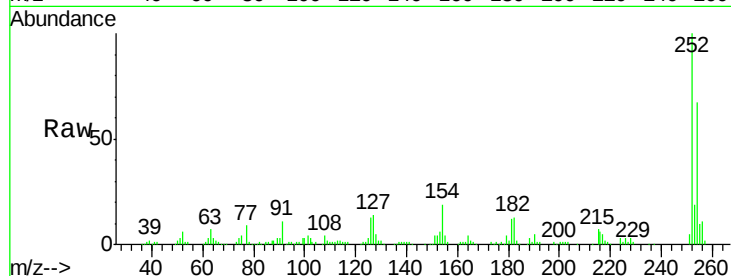
#81  
 3,3'-Dichlorobenzidine  
 Concen: 36.15 ng  
 RT: 13.46 min Scan# 1039  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 67.3  | 51.4       | 77.2       |
| 126     | 12.5  | 16.4       | 24.6       |

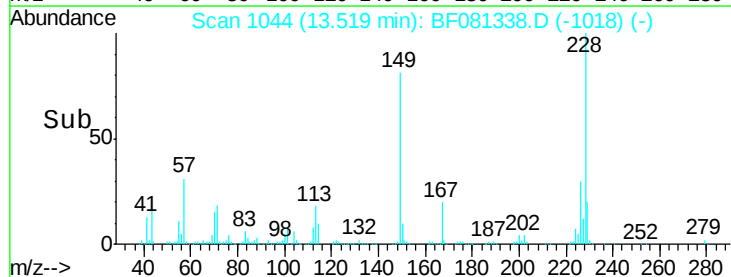
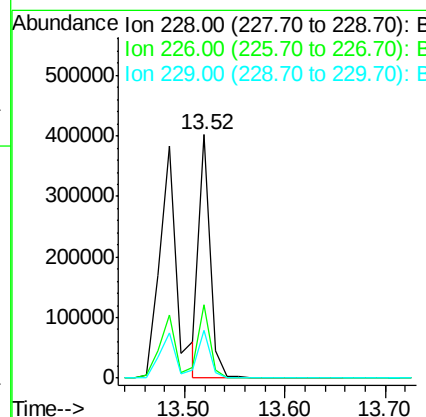
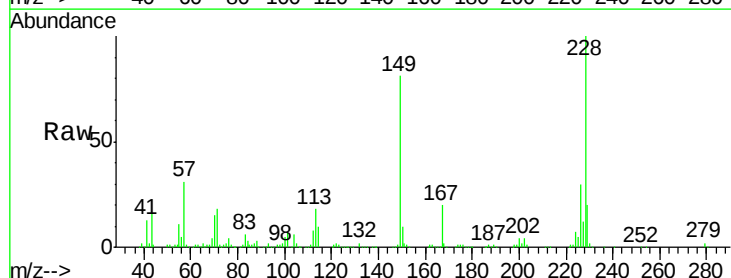
Manual Integrations  
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#82  
 Chrysene  
 Concen: 31.79 ng  
 RT: 13.52 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.1  | 21.0       | 31.4       |
| 229     | 19.6  | 15.6       | 23.4       |





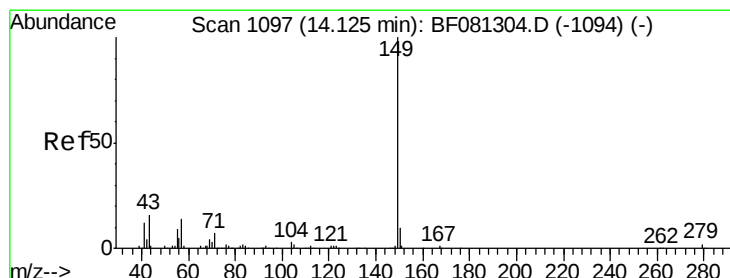
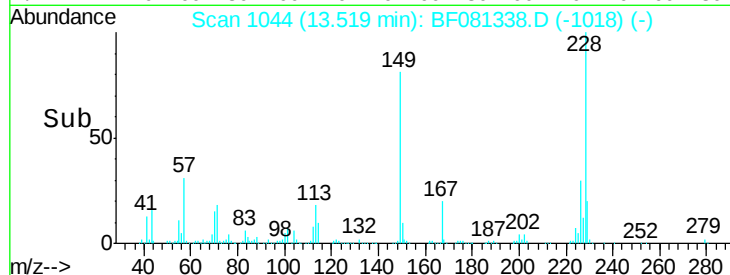
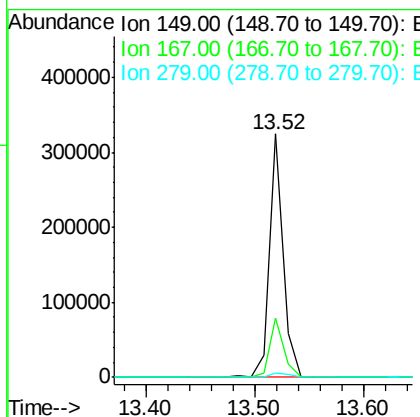
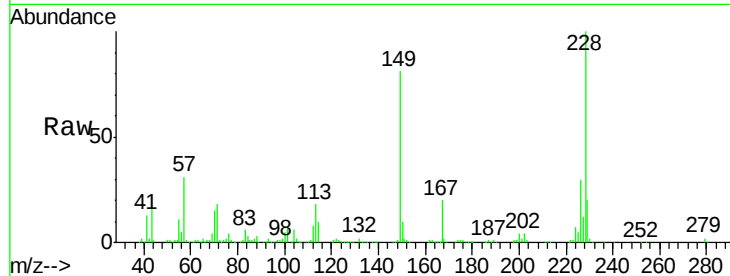
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.89 ng  
 RT: 13.52 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 285793 |       |       |
| 167     | 24.2  | 24.2   | 36.2  |       |
| 279     | 1.9   | 3.8    | 5.6#  |       |

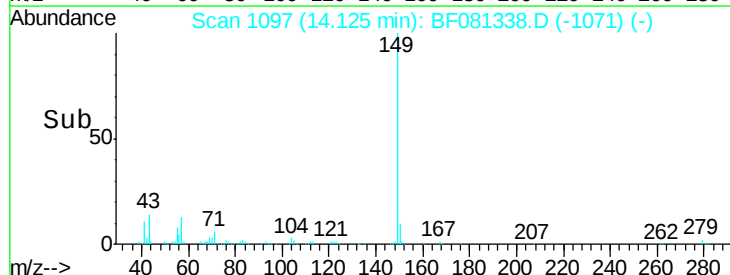
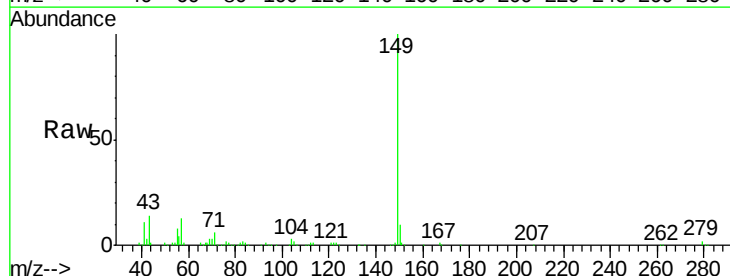
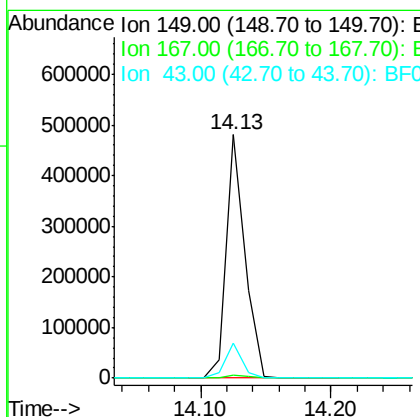
Manual Integrations  
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 9/3/2015 1:42:41 PM



#84  
 Di-n-octyl phthalate  
 Concen: 39.42 ng  
 RT: 14.13 min Scan# 1097  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 476981 |       |       |
| 167     | 1.4   | 1.0    | 1.6   |       |
| 43      | 13.3  | 10.2   | 15.2  |       |





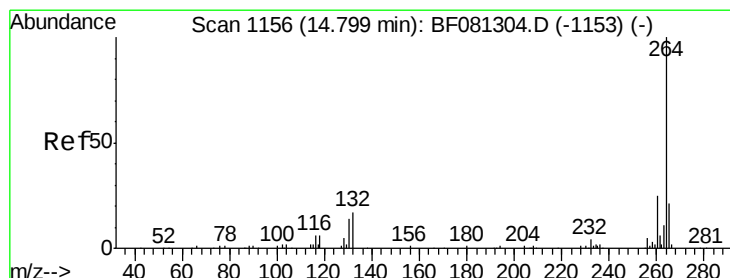
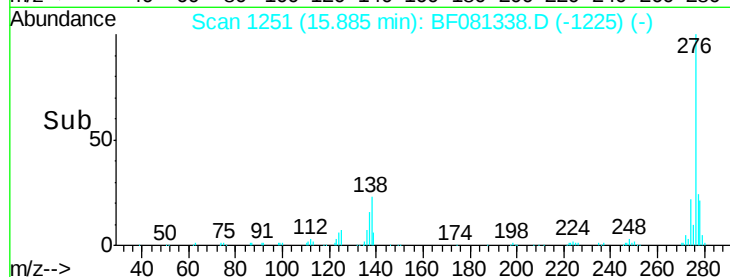
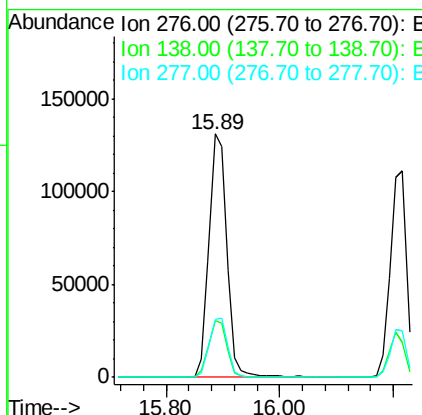
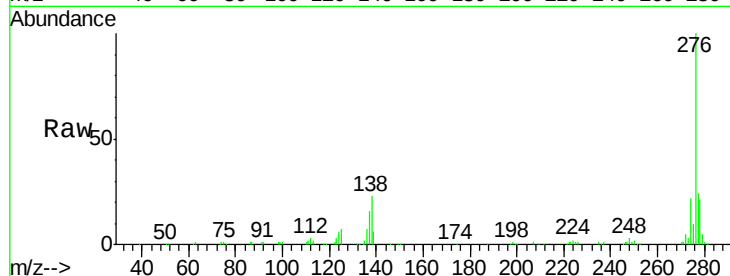
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.78 ng  
 RT: 15.89 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 280790 |       |       |
| 138     | 23.8  | 25.7   | 38.5# |       |
| 277     | 25.0  | 15.6   | 23.4# |       |

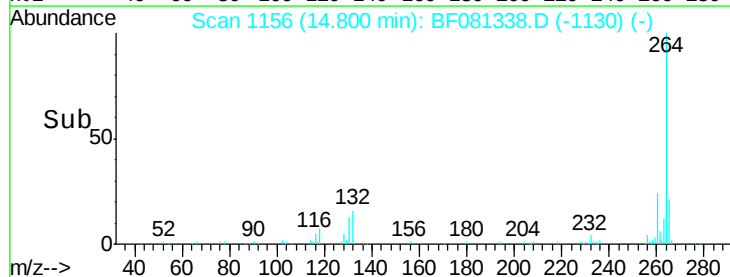
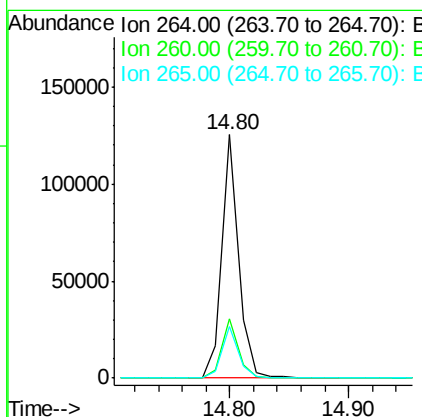
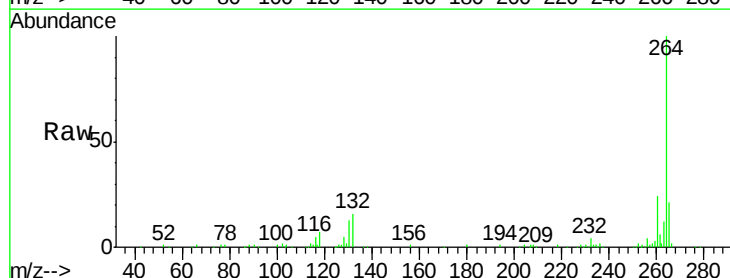
Manual Integrations  
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MMDadoda  
 9/3/2015 1:42:41 PM



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 14.80 min Scan# 1156  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 121780 |       |       |
| 260     | 24.1  | 16.7   | 25.1  |       |
| 265     | 21.2  | 17.2   | 25.8  |       |





#87

Benzo(b)fluoranthene

Concen: 47.48 ng m

RT: 14.48 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

Instrument :

BNA\_F

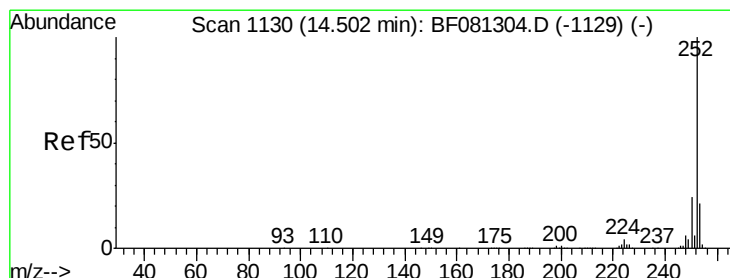
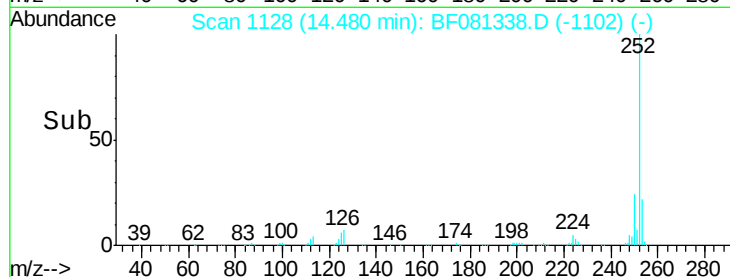
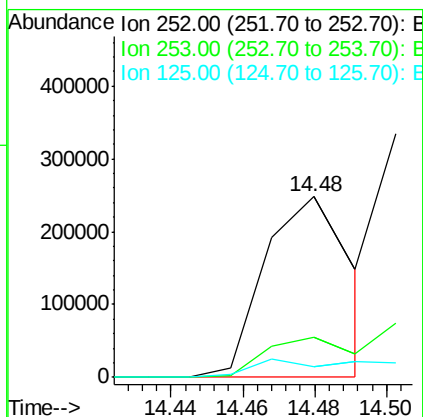
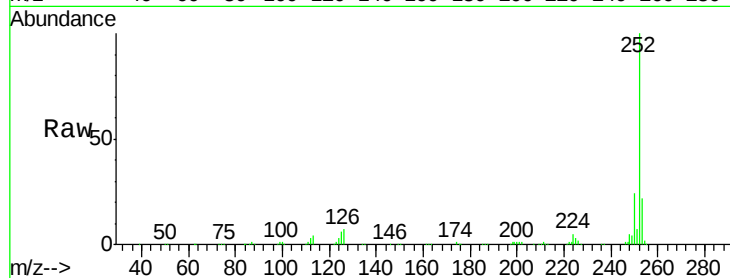
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 412772 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 22.1 | 17.5  | 26.3   |
| 125       | 5.7  | 17.1  | 25.7#  |

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#88

Benzo(k)fluoranthene

Concen: 34.20 ng m

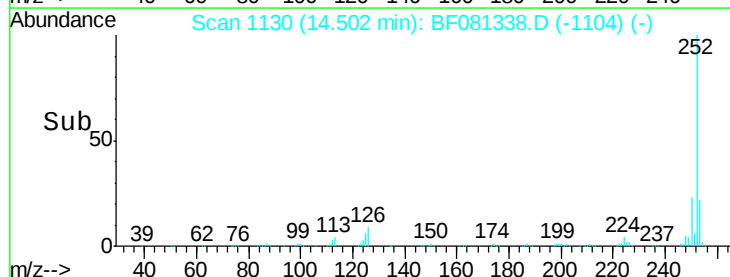
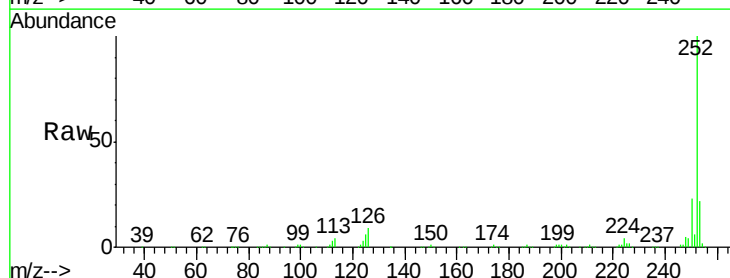
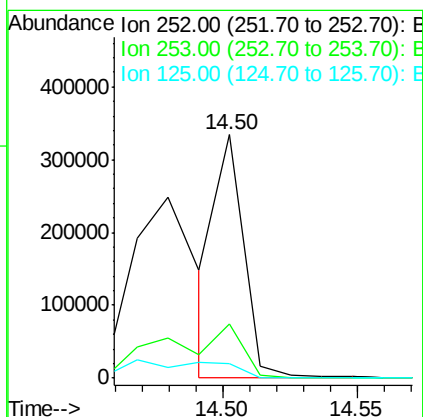
RT: 14.50 min Scan# 1130

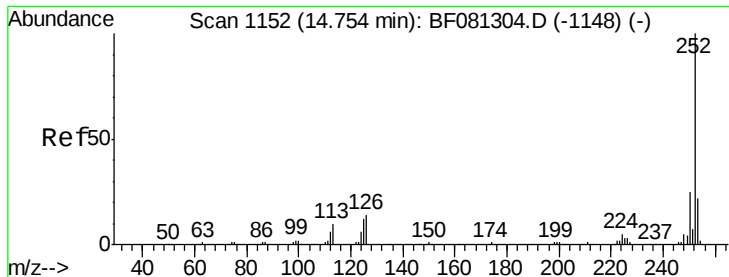
Delta R.T. 0.00 min

Lab File: BF081338.D

Acq: 2 Sep 2015 9:37

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 246706 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 22.1 | 17.0  | 25.4   |
| 125       | 6.1  | 16.0  | 24.0#  |





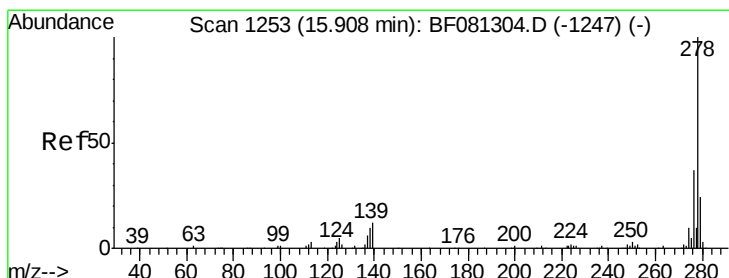
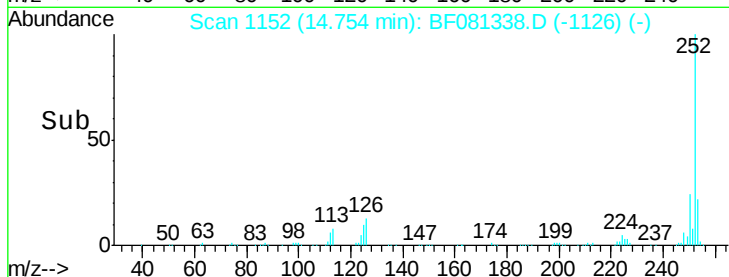
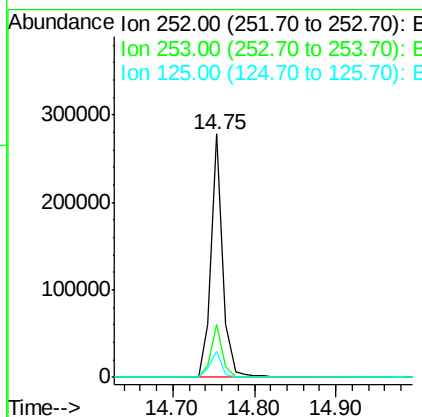
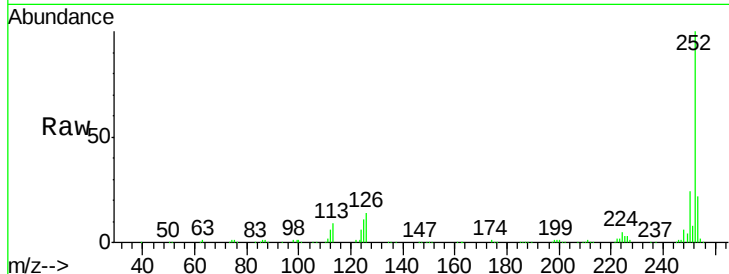
#89  
Benzo(a)pyrene  
Concen: 38.77 ng  
RT: 14.75 min Scan# 1152  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.0  | 17.2       | 25.8       |
| 125     | 10.7  | 18.0       | 27.0       |

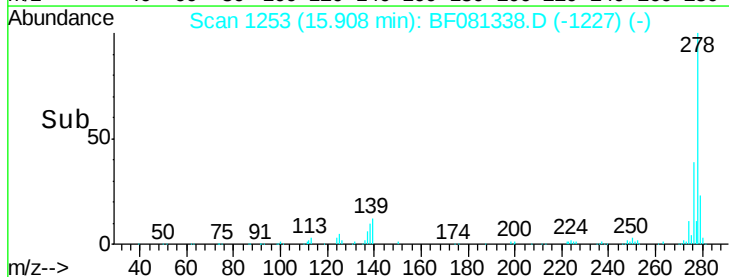
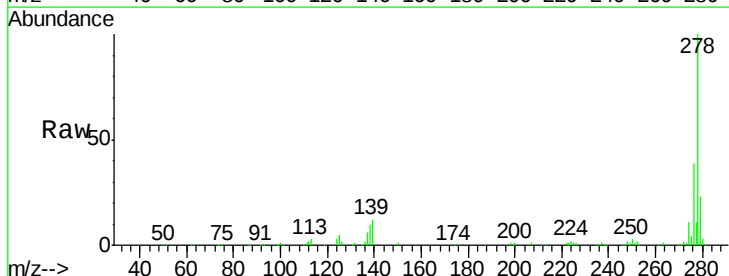
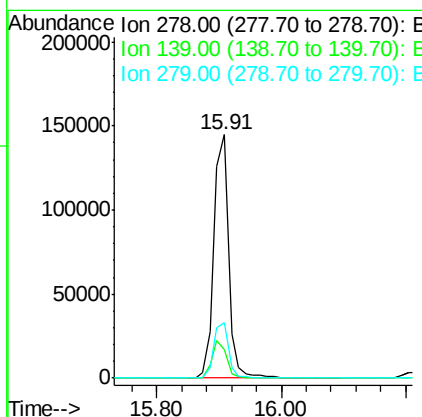
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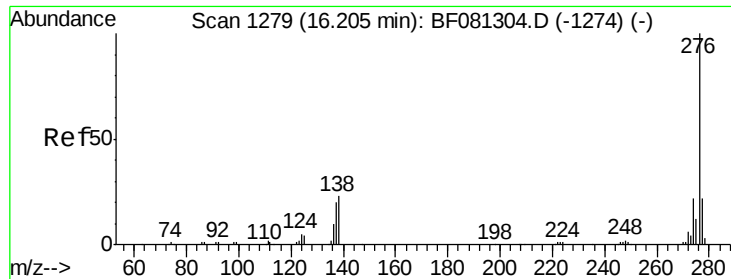
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.68 ng  
RT: 15.91 min Scan# 1253  
Delta R.T. 0.00 min  
Lab File: BF081338.D  
Acq: 2 Sep 2015 9:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 12.0  | 26.3       | 39.5       |
| 279     | 22.7  | 18.2       | 27.4       |





#91  
 Benzo(g,h,i)perylene  
 Concen: 41.03 ng  
 RT: 16.22 min Scan# 1280  
 Delta R.T. 0.00 min  
 Lab File: BF081338.D  
 Acq: 2 Sep 2015 9:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.7  | 17.8  | 26.6  |
| 138     | 17.1  | 34.6  | 51.8  |

Manual Integrations  
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