

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\  
 Data File : BF100305.D  
 Acq On : 8 Nov 2017 21:25  
 Operator : SJ/JU  
 Sample : I6300-02MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

Manual Integrations  
 APPROVED

Sohil  
 11/9/2017 3:41:48 PM

Quant Time: Nov 09 00:49:09 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 08 14:33:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 207495   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.19  | 136  | 842761   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.94  | 164  | 377096   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.43 | 188  | 636977   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.06 | 240  | 382993   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.54 | 264  | 422072   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.54  | 112 | 1351004 | 104.37 | ng | 0.03 |
| 7) Phenol-d6             | 6.53  | 99  | 1549966 | 97.10  | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.47  | 82  | 1153832 | 90.52  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 427451  | 111.24 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.26  | 172 | 1978292 | 79.88  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.01 | 244 | 1495168 | 89.70  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.95 | 88  | 218082  | 34.571 | ng | # 79   |
| 3) Pyridine                    | 3.63 | 79  | 500429  | 29.077 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.59 | 42  | 312919  | 37.449 | ng | 98     |
| 6) Aniline                     | 6.57 | 93  | 173585  | 7.698  | ng | 98     |
| 8) 2-Chlorophenol              | 6.69 | 128 | 561586  | 41.010 | ng | 98     |
| 9) Benzaldehyde                | 6.46 | 77  | 350669  | 30.763 | ng | 98     |
| 10) Phenol                     | 6.55 | 94  | 581533  | 34.705 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 577747  | 41.048 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.85 | 146 | 637672  | 40.390 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 642180  | 40.188 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 596990  | 40.408 | ng | 97     |
| 15) Benzyl Alcohol             | 7.05 | 79  | 507249  | 40.718 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 1069191 | 47.496 | ng | 98     |
| 17) 2-Methylphenol             | 7.15 | 107 | 491106  | 41.967 | ng | 99     |
| 18) Hexachloroethane           | 7.42 | 117 | 228605  | 43.390 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 421564  | 38.083 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 563136  | 38.028 | ng | # 80   |
| 22) Acetophenone               | 7.32 | 105 | 787776  | 38.334 | ng | # 98   |
| 24) Nitrobenzene               | 7.49 | 77  | 624864  | 47.627 | ng | 99     |
| 25) Isophorone                 | 7.72 | 82  | 1183260 | 44.173 | ng | 98     |
| 26) 2-Nitrophenol              | 7.80 | 139 | 304883  | 49.388 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 555371  | 46.250 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 743399  | 42.427 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.04 | 162 | 513690  | 44.811 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 526222  | 42.437 | ng | 97     |
| 31) Naphthalene                | 8.21 | 128 | 2097735 | 51.679 | ng | 99     |
| 32) Benzoic acid               | 7.95 | 122 | 335507  | 38.734 | ng | 96     |
| 33) 4-Chloroaniline            | 8.25 | 127 | 65618   | 3.884  | ng | 97     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 306351  | 41.552 | ng | 99     |
| 35) Caprolactam                | 8.63 | 113 | 120495m | 30.629 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 508021  | 41.263 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 1163315 | 43.167 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 500057  | 39.984 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.05 | 237 | 424938  | 72.193 | ng | 100    |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\  
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 Sample : I6300-02MSD  
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Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

Manual Integrations  
 APPROVED

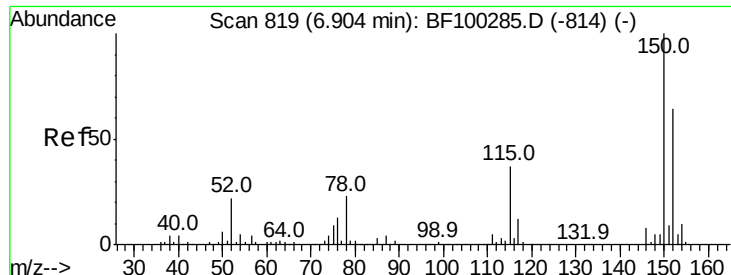
Sohil  
 11/9/2017 3:41:48 PM

Quant Time: Nov 09 00:49:09 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 08 14:33:31 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.17  | 196  | 367144   | 46.319 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.21  | 196  | 361544   | 44.025 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.36  | 154  | 1318436  | 40.424 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.39  | 162  | 1023409  | 43.253 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.48  | 65   | 312170   | 44.845 | ng    | 94       |
| 48) Acenaphthylene             | 9.80  | 152  | 1576372  | 40.202 | ng    | 99       |
| 49) Dimethylphthalate          | 9.66  | 163  | 1233689  | 42.849 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.72  | 165  | 266398   | 46.743 | ng    | 96       |
| 51) Acenaphthene               | 9.97  | 154  | 1012718  | 42.466 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.89  | 138  | 71696    | 10.653 | ng    | 95       |
| 53) 2,4-Dinitrophenol          | 9.99  | 184  | 168981   | 71.520 | ng    | # 20     |
| 54) Dibenzofuran               | 10.15 | 168  | 1379942  | 41.286 | ng    | 99       |
| 55) 4-Nitrophenol              | 10.05 | 139  | 384278   | 70.322 | ng    | 96       |
| 56) 2,4-Dinitrotoluene         | 10.13 | 165  | 344771   | 47.953 | ng    | # 98     |
| 57) Fluorene                   | 10.49 | 166  | 988576   | 40.374 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 292904   | 43.518 | ng    | # 87     |
| 59) Diethylphthalate           | 10.36 | 149  | 1173736  | 40.737 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204  | 484216   | 40.312 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.51 | 138  | 227116   | 35.591 | ng    | 94       |
| 62) Azobenzene                 | 10.64 | 77   | 1100870  | 40.567 | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 114892   | 37.915 | ng    | 76       |
| 65) n-Nitrosodiphenylamine     | 10.60 | 169  | 975670   | 44.052 | ng    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.97 | 248  | 317778   | 46.538 | ng    | # 83     |
| 67) Hexachlorobenzene          | 11.03 | 284  | 315553   | 44.185 | ng    | 94       |
| 68) Atrazine                   | 11.13 | 200  | 302996   | 45.194 | ng    | 97       |
| 69) Pentachlorophenol          | 11.23 | 266  | 353384   | 69.008 | ng    | 98       |
| 70) Phenanthrene               | 11.45 | 178  | 1399005  | 41.714 | ng    | 99       |
| 71) Anthracene                 | 11.50 | 178  | 1420836  | 41.758 | ng    | 100      |
| 72) Carbazole                  | 11.66 | 167  | 1234553  | 39.322 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.99 | 149  | 1648783  | 44.876 | ng    | 99       |
| 74) Fluoranthene               | 12.64 | 202  | 1269176  | 35.708 | ng    | 98       |
| 76) Benzidine                  | 12.76 | 184  | 307811   | 20.068 | ng    | 98       |
| 77) Pyrene                     | 12.87 | 202  | 1259427  | 46.131 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.48 | 149  | 563021   | 50.568 | ng    | 99       |
| 80) Benzo(a)anthracene         | 14.05 | 228  | 983490   | 42.642 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 177447   | 21.474 | ng    | # 96     |
| 82) Chrysene                   | 14.09 | 228  | 963863   | 43.157 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 728887   | 49.775 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.65 | 149  | 1202084  | 47.784 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.04 | 276  | 1018424  | 56.376 | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 15.11 | 252  | 1074685  | 42.978 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 15.14 | 252  | 914243m  | 38.695 | ng    |          |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 964213   | 43.495 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.06 | 278  | 853393   | 47.072 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.49 | 276  | 821510   | 46.291 | ng    | 96       |

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





#1

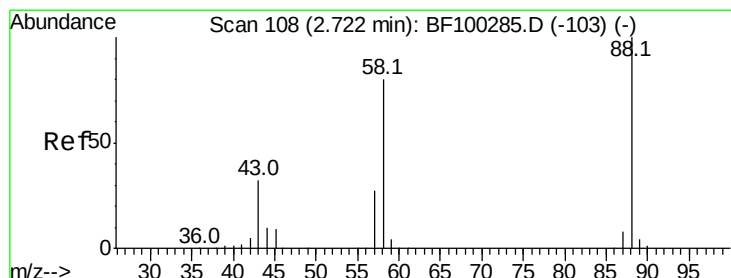
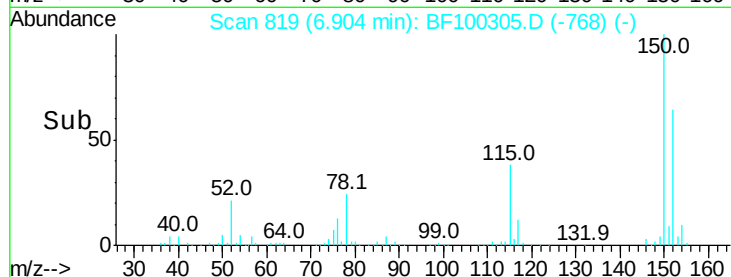
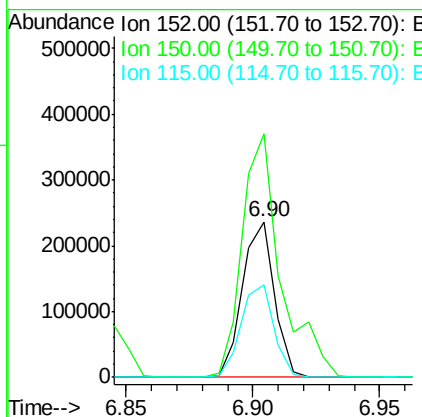
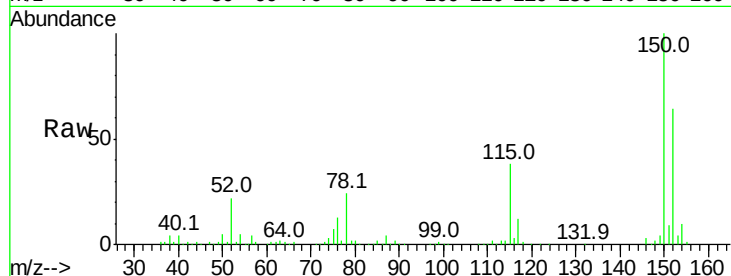
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.6 | 124.6 | 186.8 |
| 115     | 59.2  | 50.1  | 75.1  |

Manual Integrations  
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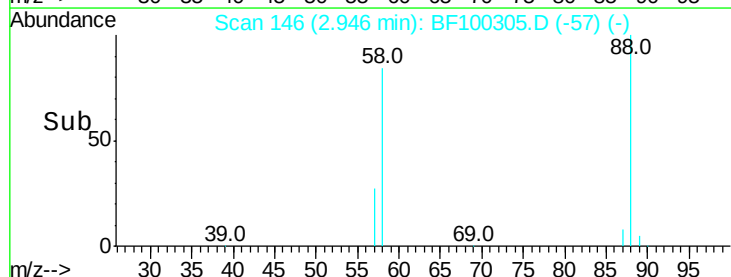
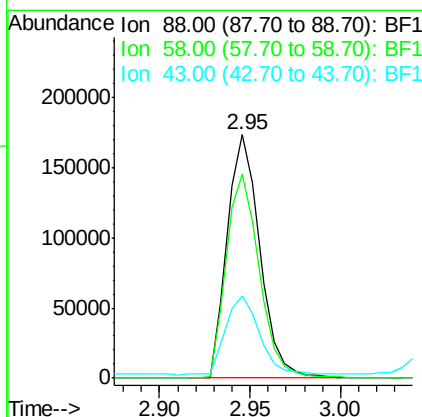
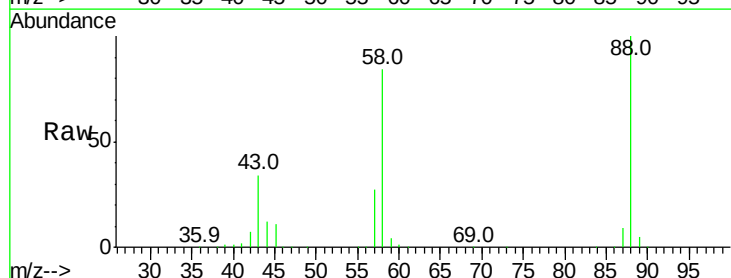
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11/9/2017 3:41:48 PM

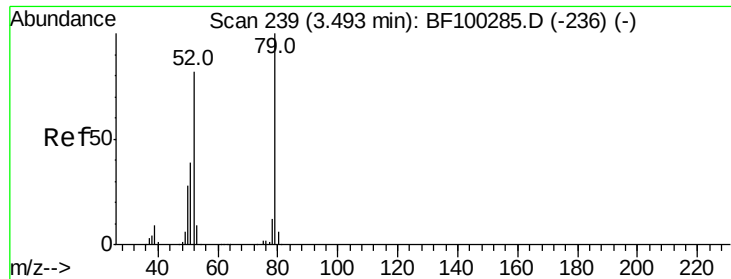


#2

1,4-Dioxane  
Concen: 34.571 ng  
RT: 2.95 min Scan# 146  
Delta R.T. 0.22 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 84.3  | 62.6  | 93.8  |
| 43      | 0.0   | 24.6  | 37.0  |





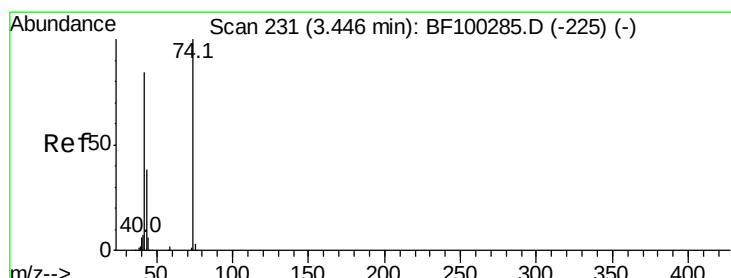
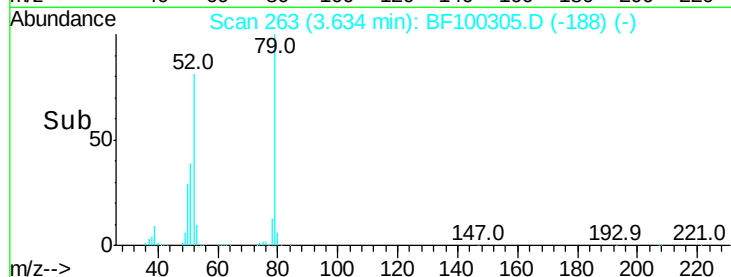
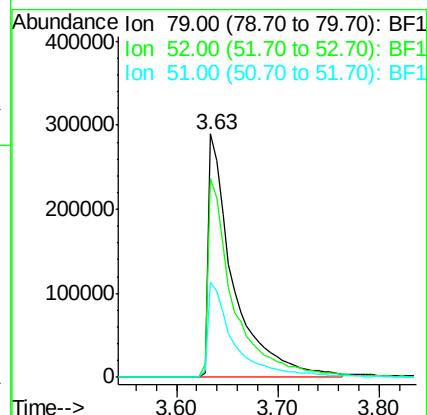
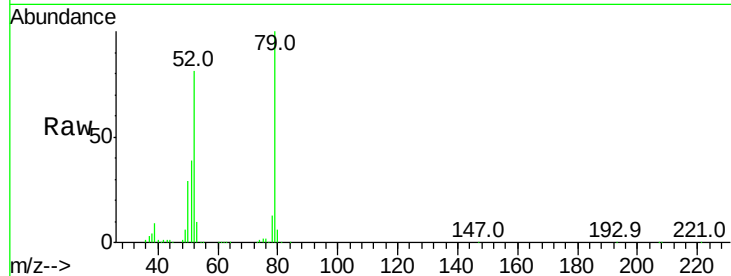
#3  
 Pvridine  
 Concen: 29.077 ng  
 RT: 3.63 min Scan# 263  
 Delta R.T. 0.14 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 81.4  | 59.8  | 89.6  |
| 51      | 39.2  | 29.8  | 44.8  |

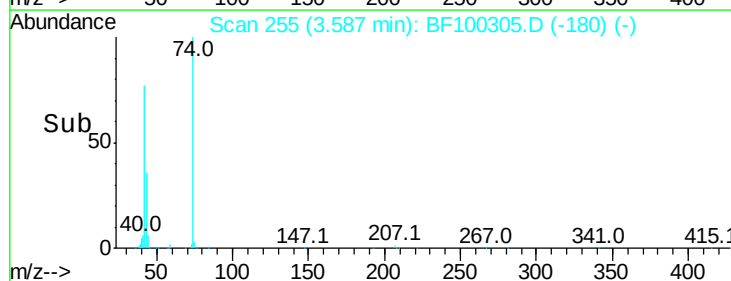
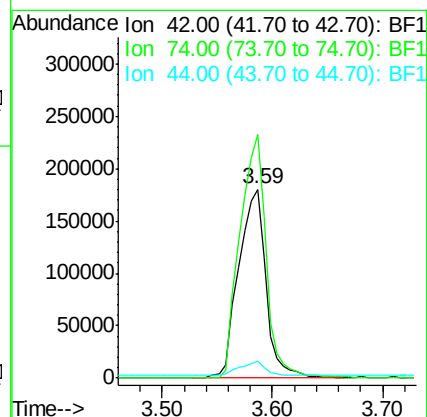
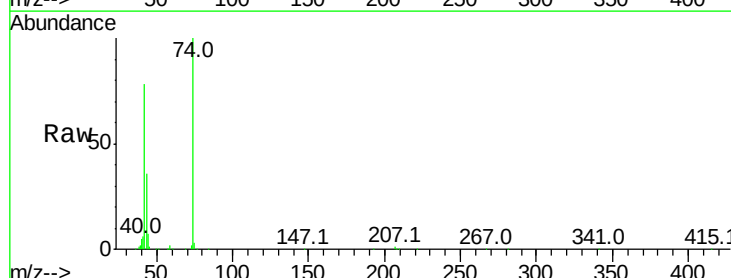
Manual Integrations  
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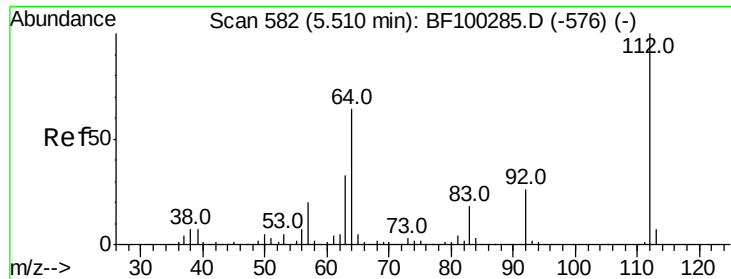
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#4  
 n-Nitrosodimethylamine  
 Concen: 37.449 ng  
 RT: 3.59 min Scan# 255  
 Delta R.T. 0.14 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 128.8 | 104.9 | 157.3 |
| 44      | 9.1   | 6.9   | 10.3  |





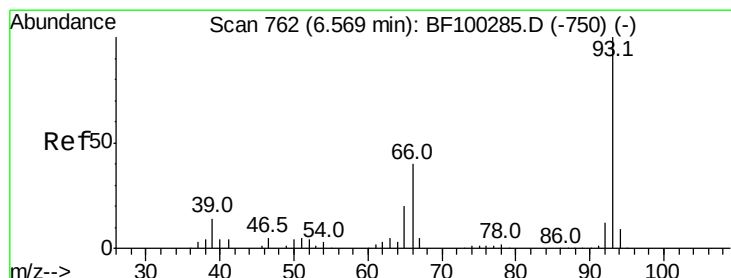
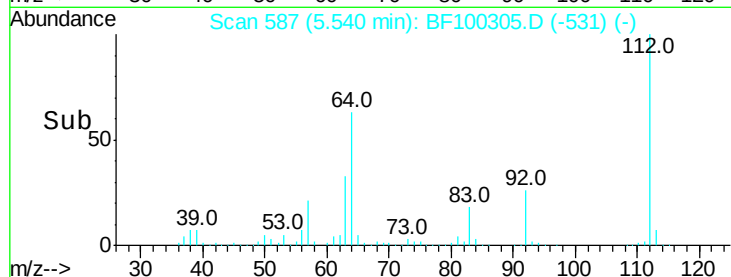
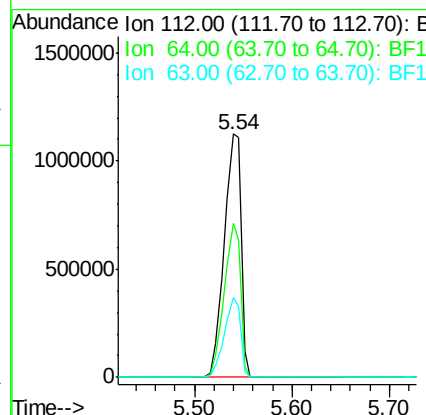
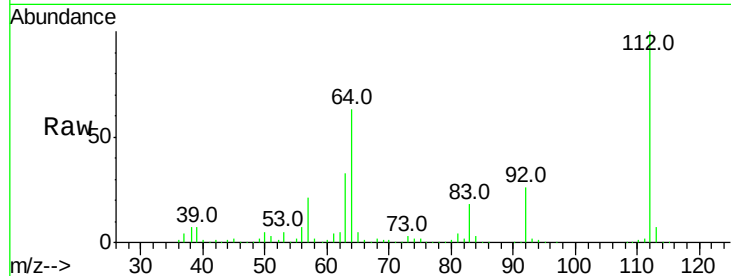
#5  
2-Fluorophenol  
Concen: 104.371 ng  
RT: 5.54 min Scan# 587  
Delta R.T. 0.03 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.3  | 47.9  | 71.9  |
| 63      | 33.0  | 23.7  | 35.5  |

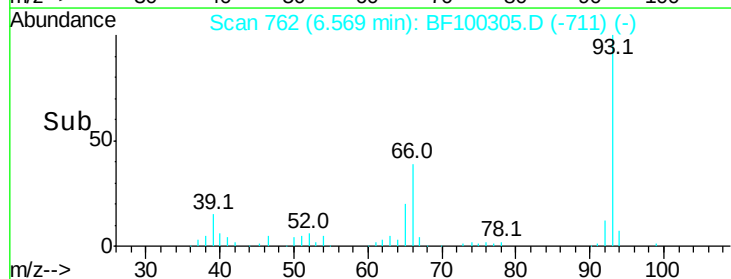
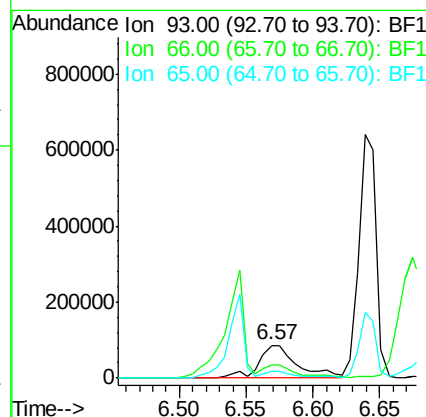
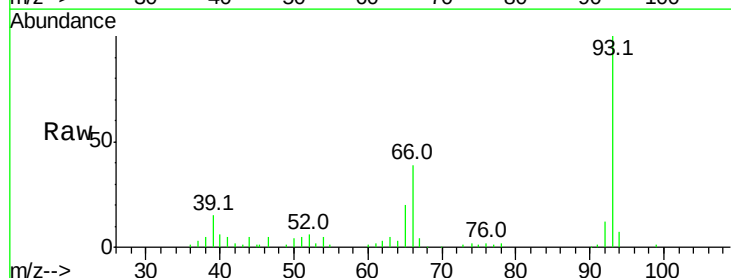
Manual Integrations  
APPROVED

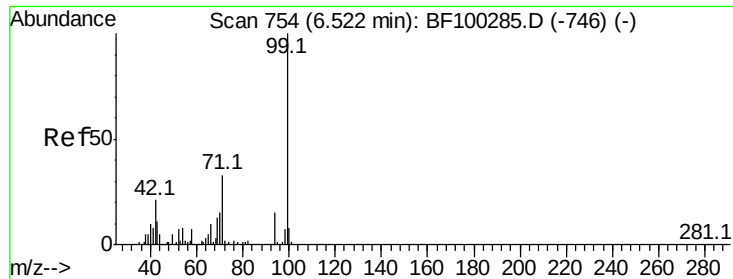
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11/9/2017 3:41:48 PM



#6  
Aniline  
Concen: 7.698 ng  
RT: 6.57 min Scan# 762  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 39.1  | 32.2  | 48.2  |
| 65      | 20.0  | 16.4  | 24.6  |





#7

Phenol-d6

Concen: 97.104 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Instrument :

BNA\_F

ClientSampleId :

OR-02-110617MSD

Tot Ion: 99 Resp: 1549966

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

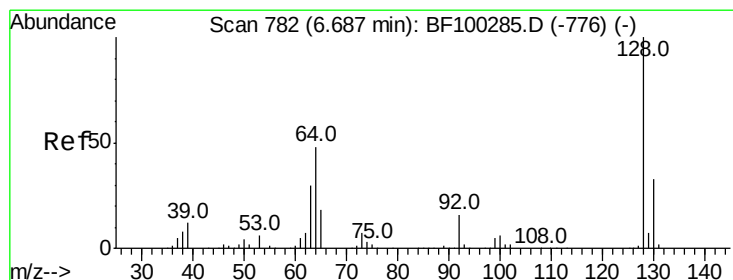
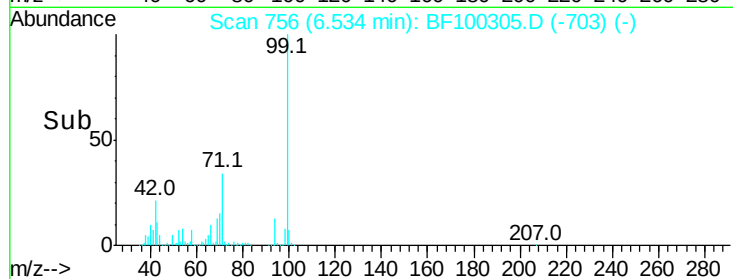
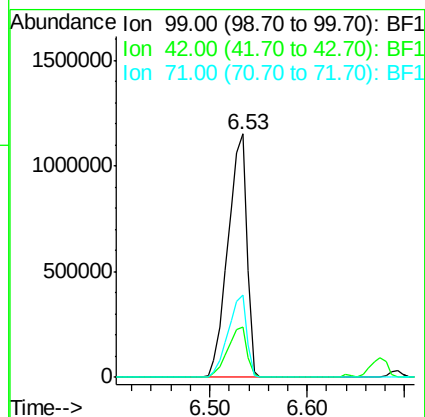
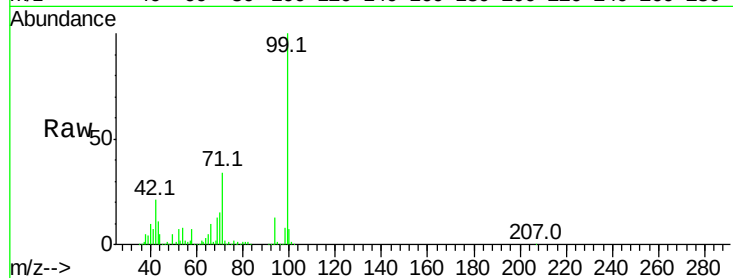
71 33.9 25.4 38.0

Manual Integrations

APPROVED

Sohil

11/9/2017 3:41:48 PM



#8

2-Chlorophenol

Concen: 41.010 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

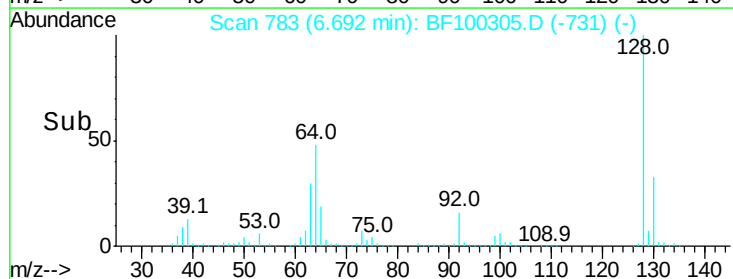
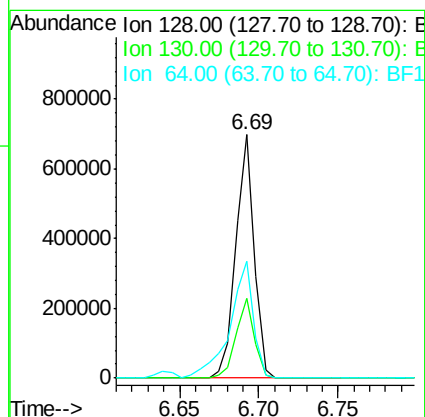
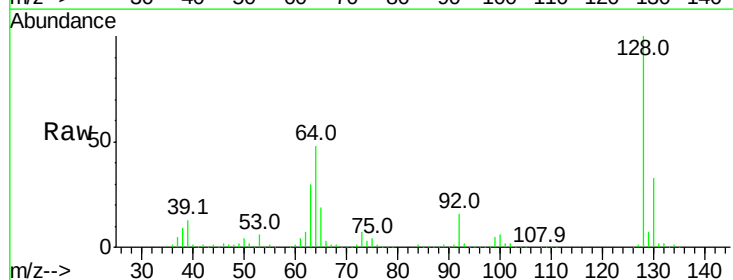
Tgt Ion: 128 Resp: 561586

Ion Ratio Lower Upper

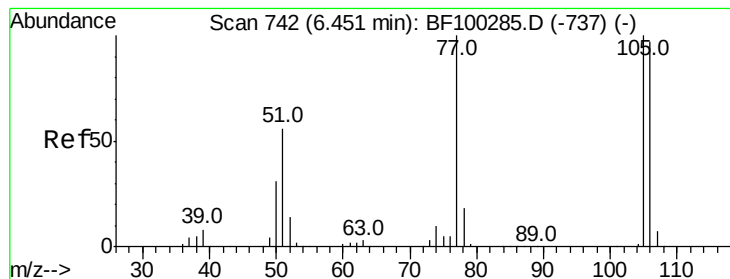
128 100

130 32.8 13.0 53.0

64 47.8 29.4 69.4







#9

Benzaldehyde

Concen: 30.763 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Instrument :

BNA\_F

ClientSampleID :

OR-02-110617MSD

Tot Ion: 77 Resp: 350669

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

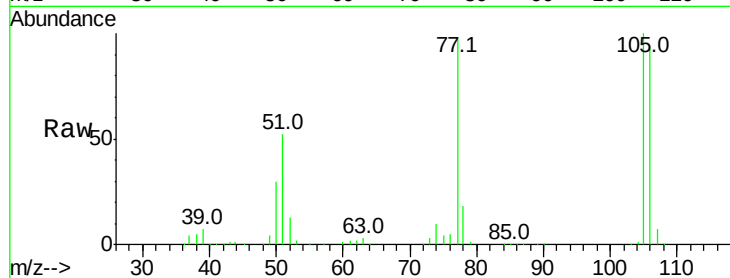
106 96.1 74.5 114.5

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Sohil

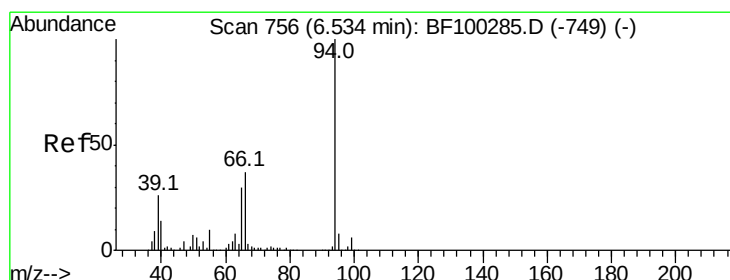
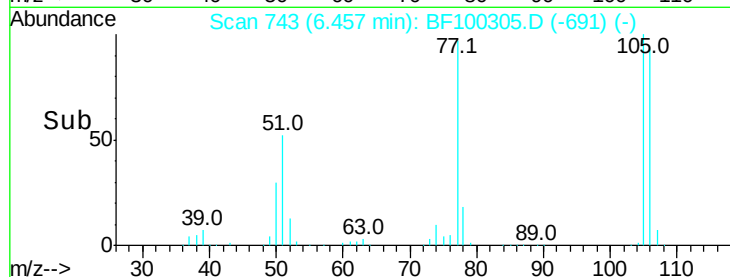
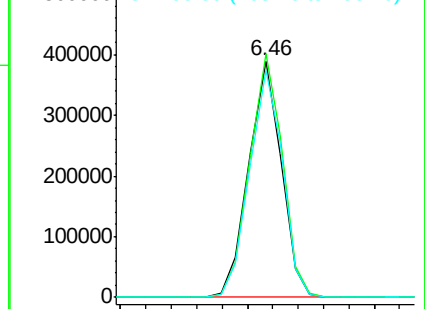
11/9/2017 3:41:48 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.705 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

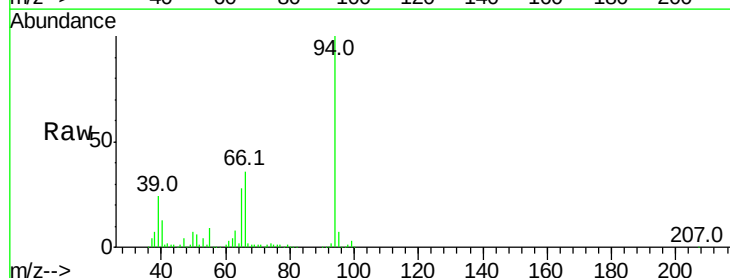
Tgt Ion: 94 Resp: 581533

Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

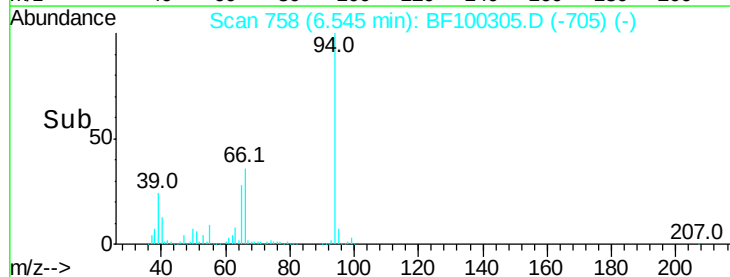
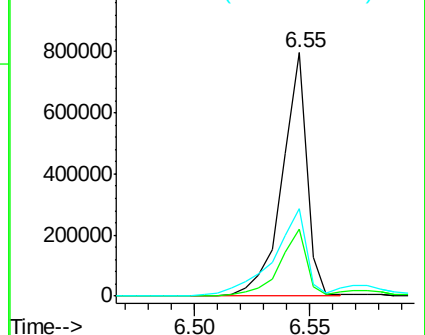
66 35.8 16.2 56.2



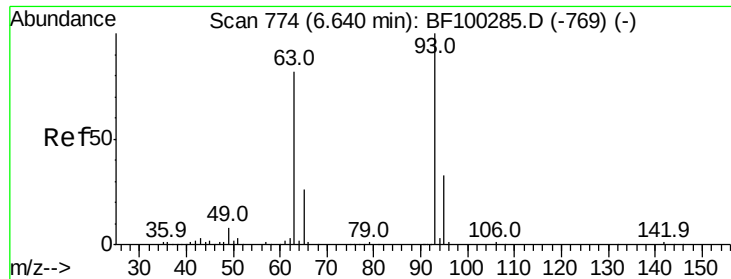
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







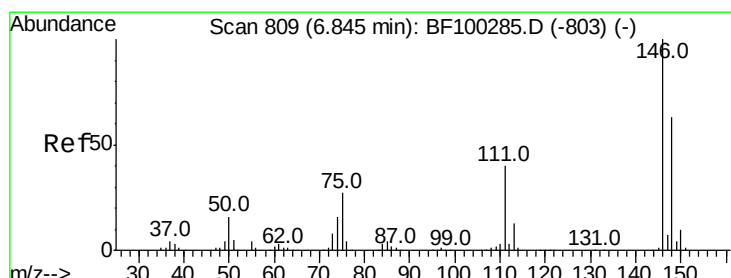
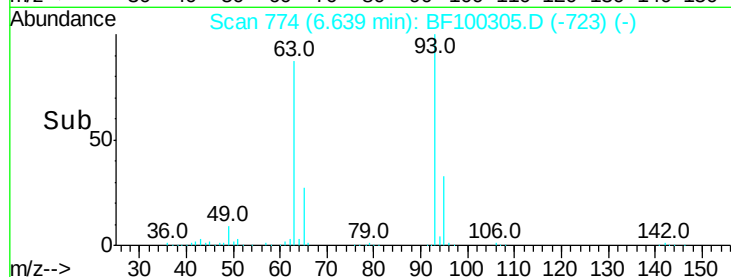
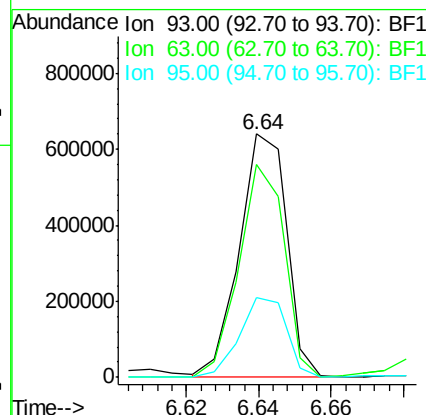
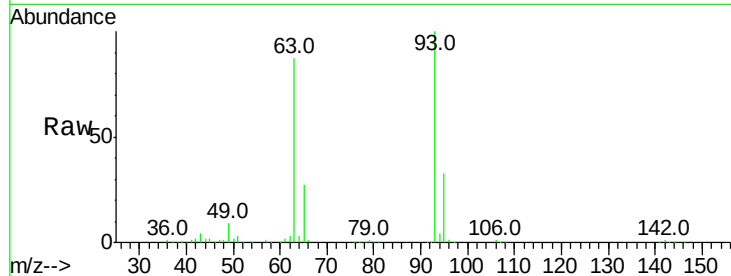
#11  
bis(2-Chloroethyl)ether  
Concen: 41.048 ng  
RT: 6.64 min Scan# 774  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.4  | 58.6  | 98.6  |
| 95      | 32.9  | 11.8  | 51.8  |

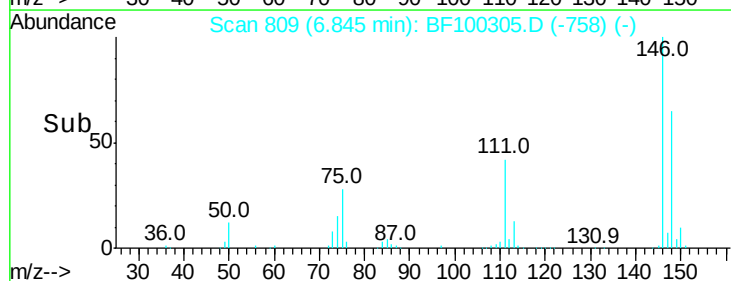
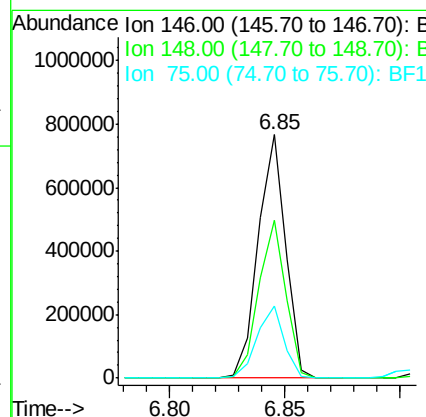
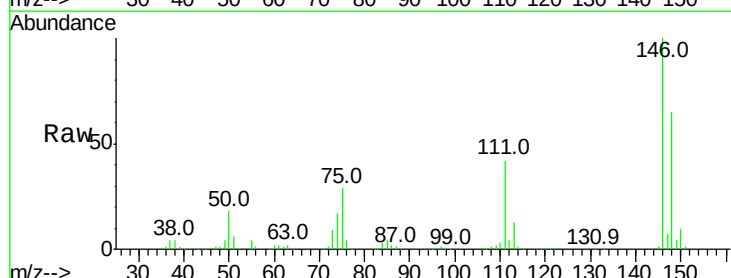
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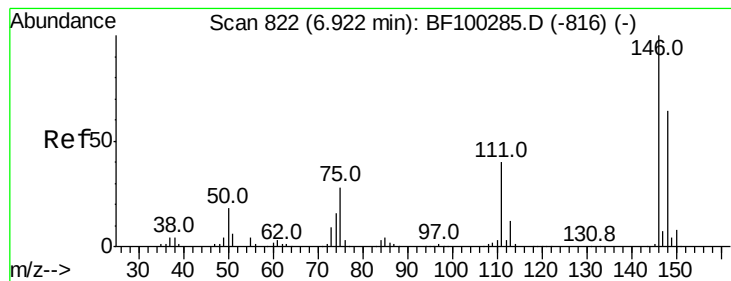
Sohil  
11/9/2017 3:41:48 PM



#12  
1,3-Dichlorobenzene  
Concen: 40.390 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 51.8  | 77.8  |
| 75      | 29.4  | 24.2  | 36.4  |





#13

1,4-Dichlorobenzene

Concen: 40.188 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Instrument :

BNA\_F

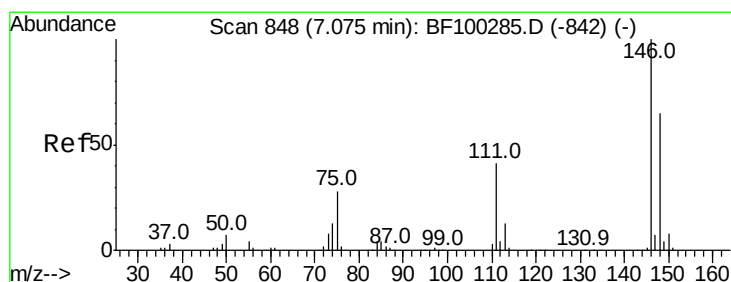
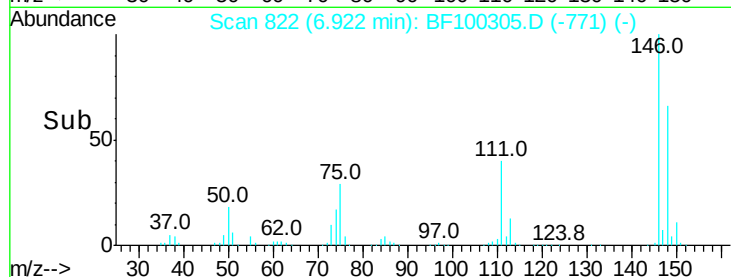
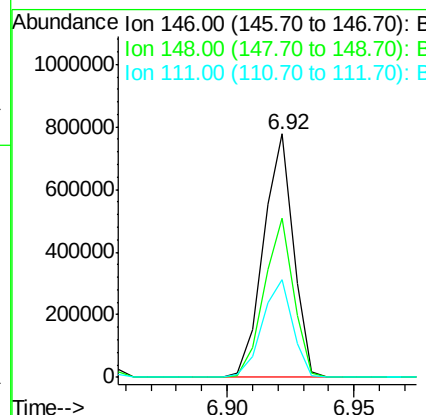
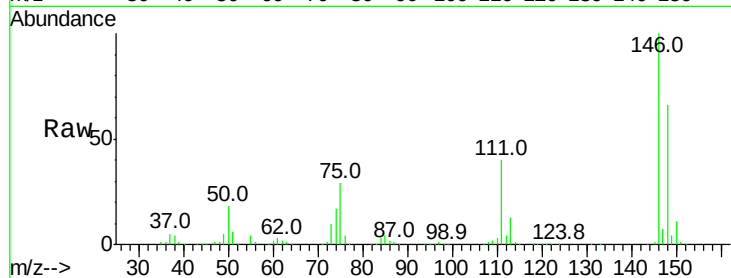
ClientSampleId :

OR-02-110617MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 642180 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.5  | 50.8  | 76.2   |
| 111       | 40.0  | 34.2  | 51.2   |

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#14

1,2-Dichlorobenzene

Concen: 40.408 ng

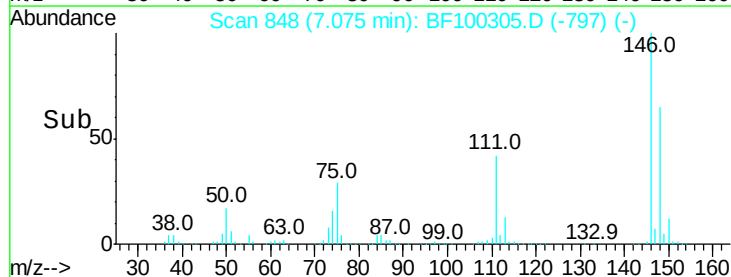
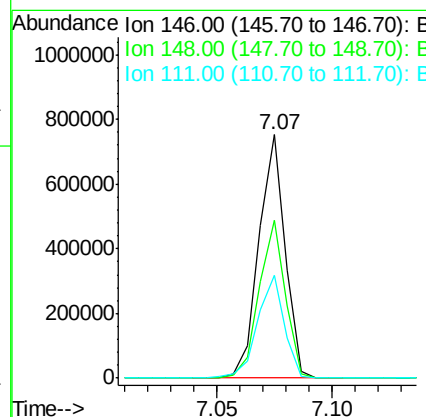
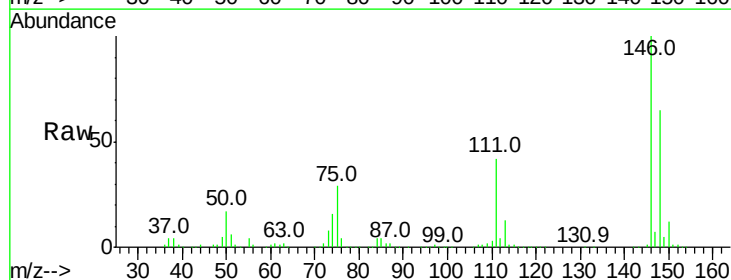
RT: 7.07 min Scan# 848

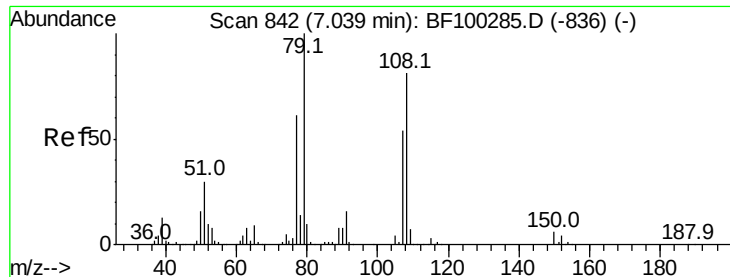
Delta R.T. -0.00 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 596990 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.8  | 50.6  | 75.8   |
| 111       | 42.3  | 36.0  | 54.0   |





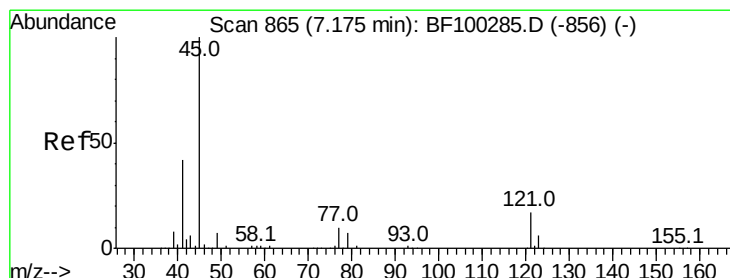
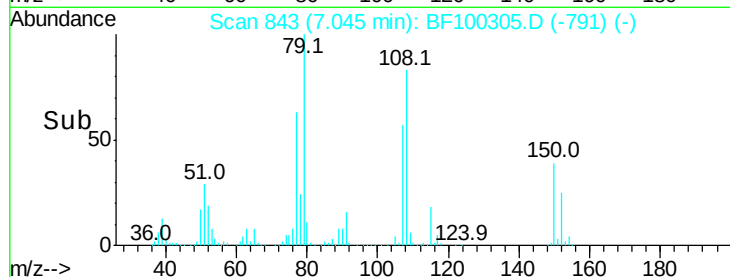
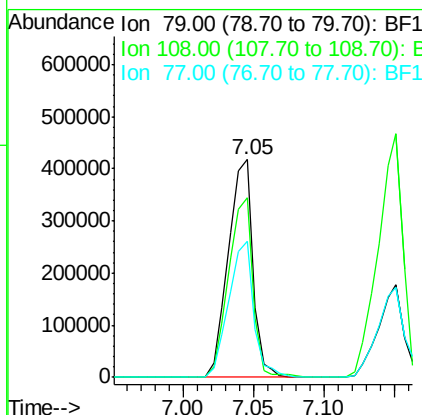
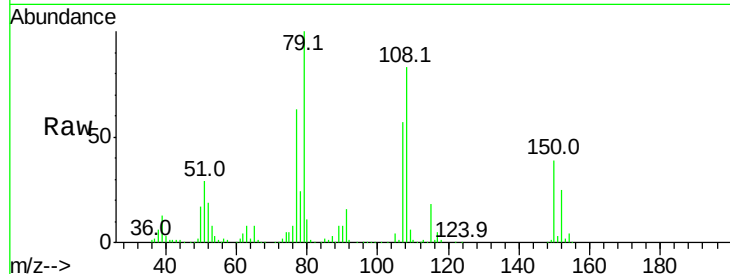
#15  
Benzyl Alcohol  
Concen: 40.718 ng  
RT: 7.05 min Scan# 843  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 82.7  | 65.1  | 97.7  |
| 77      | 62.7  | 50.6  | 75.8  |

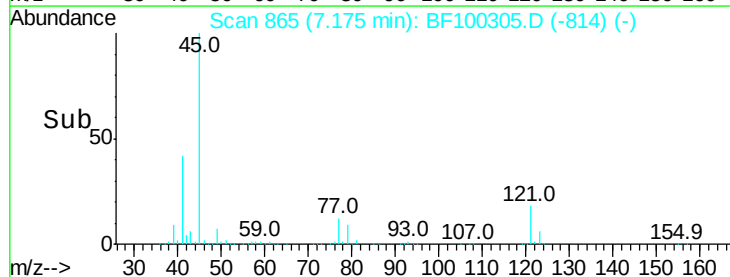
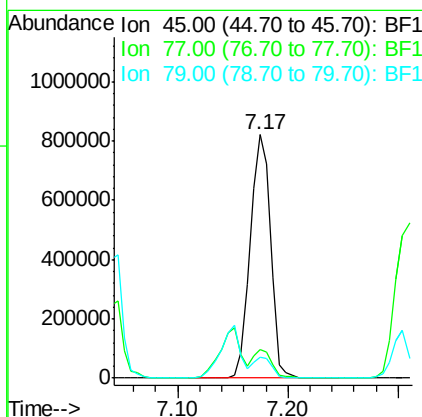
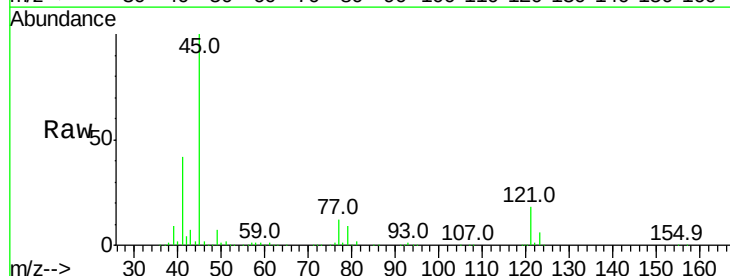
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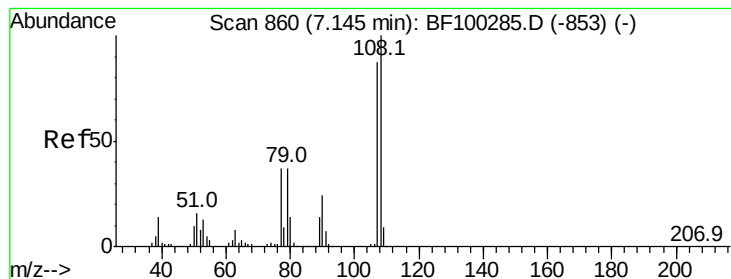
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 47.496 ng  
RT: 7.17 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.9  | 0.0   | 32.9  |
| 79      | 8.8   | 0.0   | 29.6  |





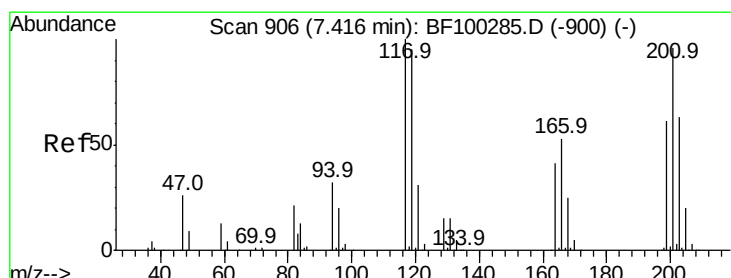
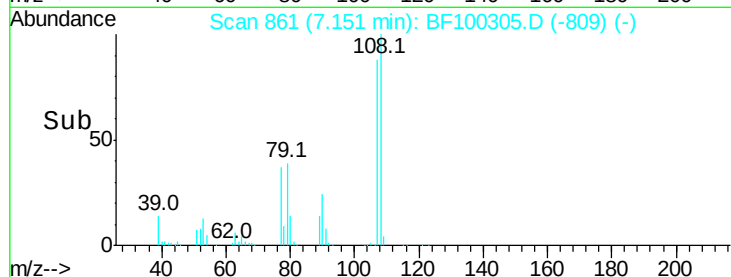
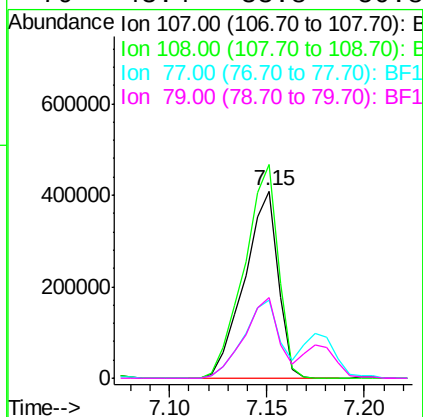
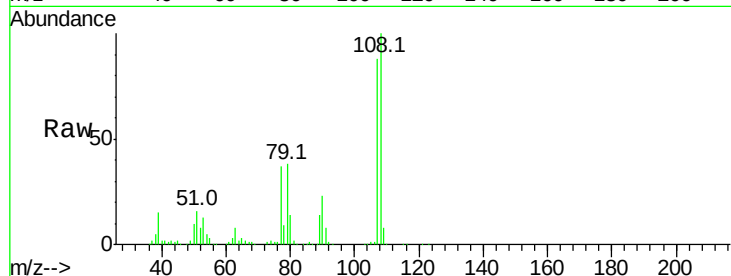
#17  
2-Methylphenol  
Concen: 41.967 ng  
RT: 7.15 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 491106 |       |       |
| 108     | 114.1 | 91.7   | 137.5 |       |
| 77      | 42.0  | 33.8   | 50.8  |       |
| 79      | 43.4  | 33.8   | 50.8  |       |

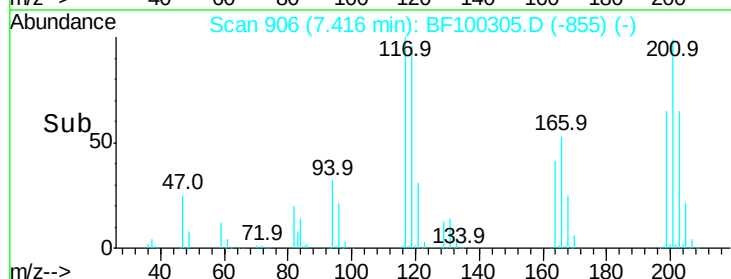
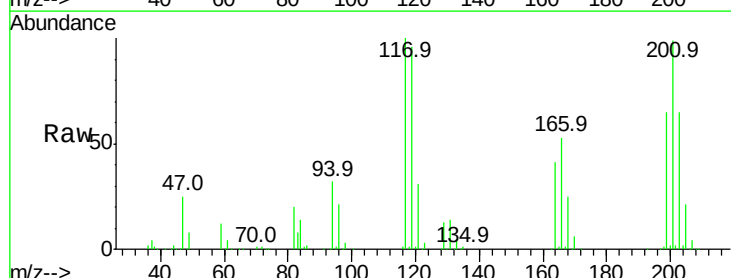
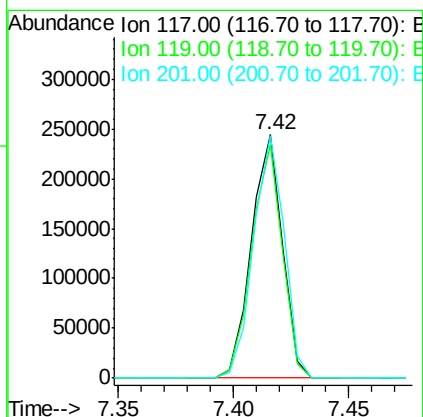
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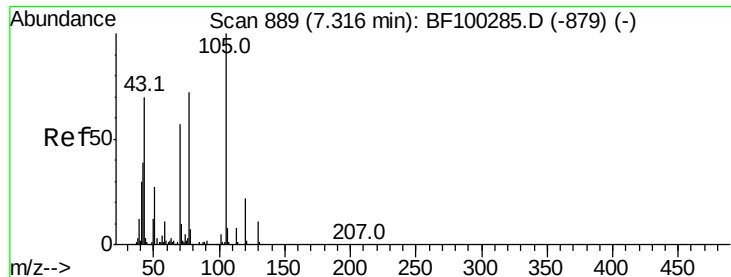
Sohil  
11/9/2017 3:41:48 PM



#18  
Hexachloroethane  
Concen: 43.390 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 228605 |       |       |
| 119     | 96.0  | 75.8   | 113.8 |       |
| 201     | 99.4  | 75.7   | 113.5 |       |





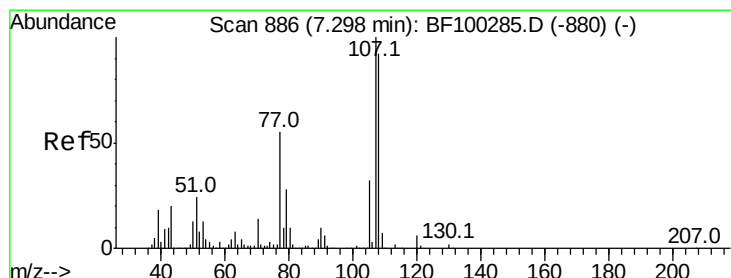
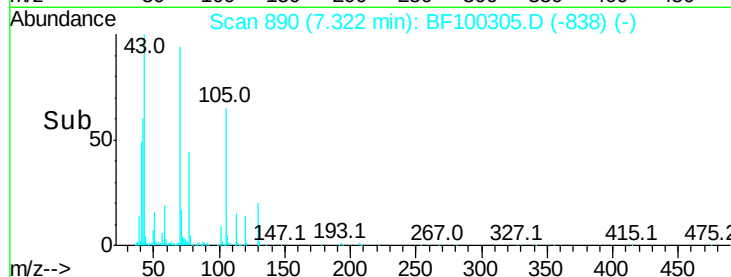
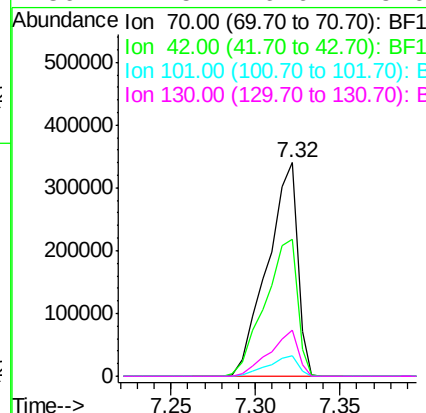
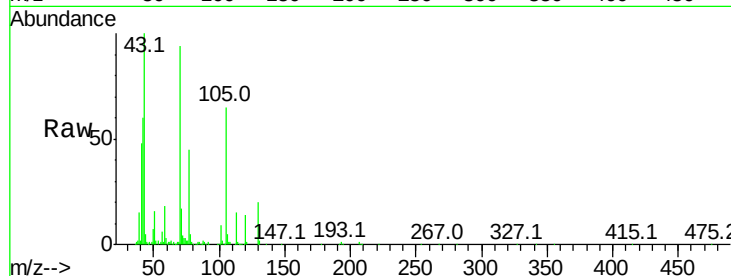
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.083 ng  
RT: 7.32 min Scan# 890  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion   | 70    | Resp  | 421564 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 63.9  | 47.5  | 71.3   |
| 101       | 9.3   | 7.4   | 11.2   |
| 130       | 21.5  | 16.6  | 25.0   |

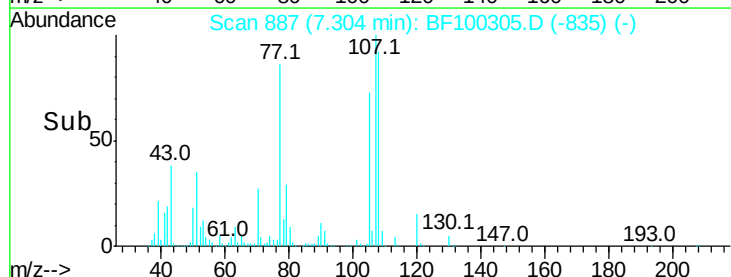
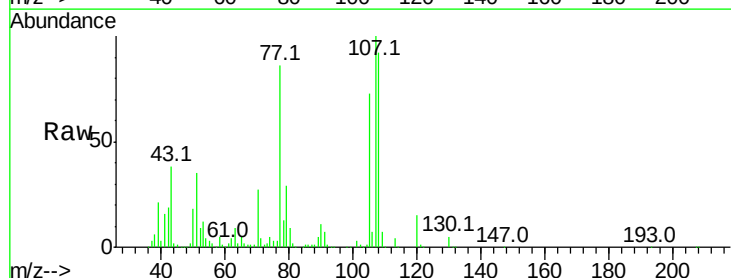
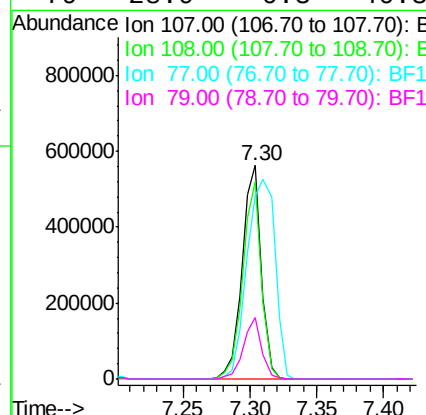
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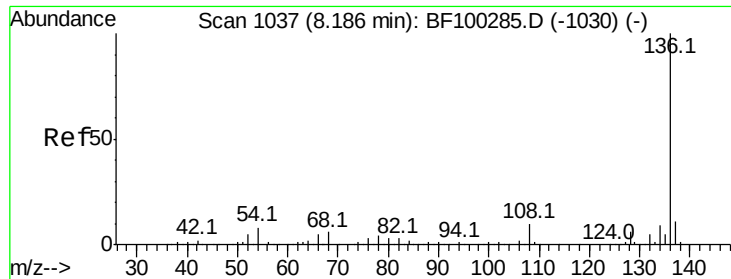
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#20  
3+4-Methylphenols  
Concen: 38.028 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion   | 107   | Resp  | 563136 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 92.1  | 68.2  | 108.2  |
| 77        | 85.5  | 26.7  | 66.7#  |
| 79        | 28.9  | 6.3   | 46.3   |





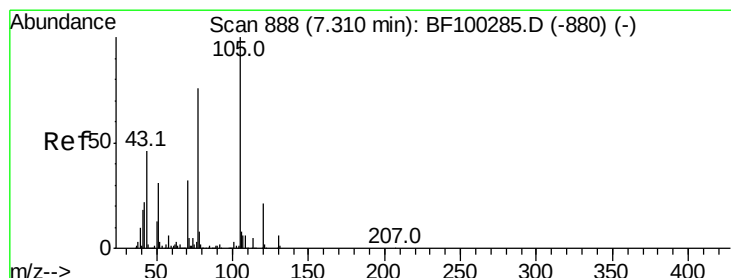
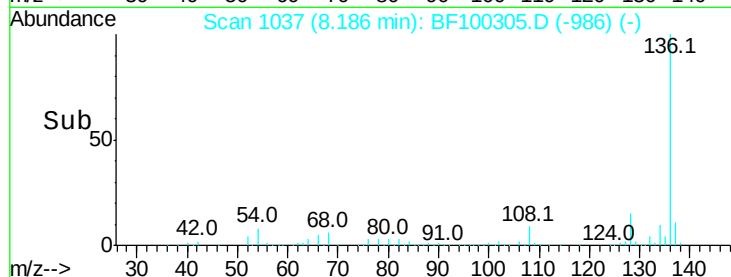
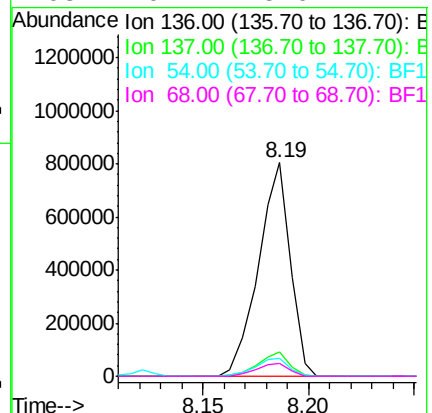
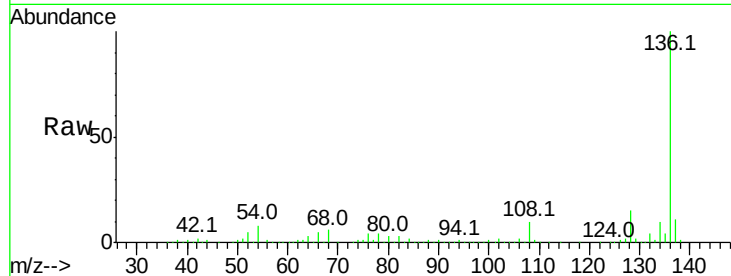
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 842761 |       |       |
| 137     | 11.4  |        | 8.9   | 13.3  |
| 54      | 8.2   |        | 6.6   | 9.8   |
| 68      | 6.2   |        | 5.0   | 7.4   |

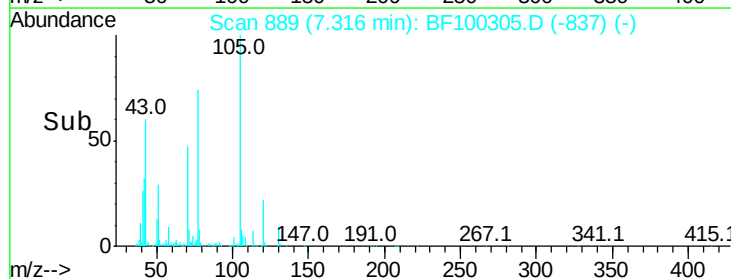
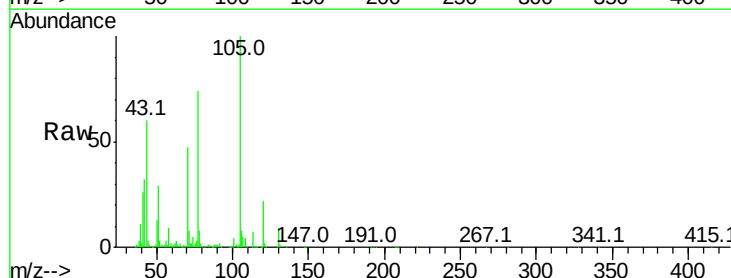
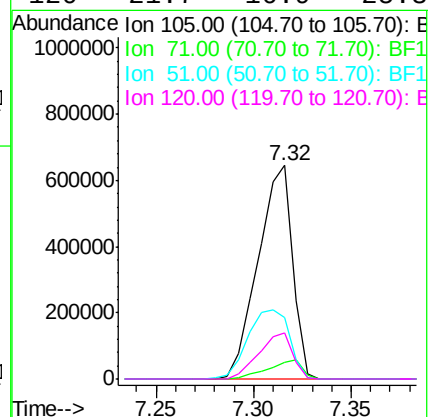
Manual Integrations  
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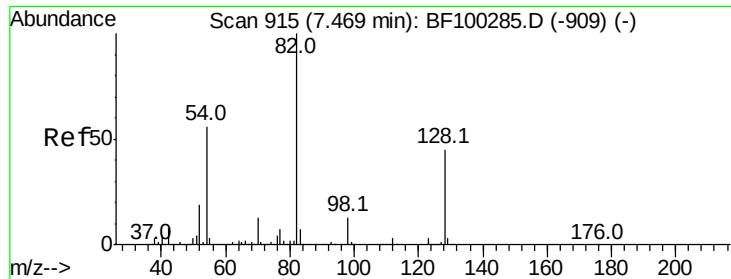
Sohil  
11/9/2017 3:41:48 PM



#22  
Acetophenone  
Concen: 38.334 ng  
RT: 7.32 min Scan# 889  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 787776 |       |       |
| 71      | 7.7   |        | 4.4   | 6.6#  |
| 51      | 28.5  |        | 22.3  | 33.5  |
| 120     | 21.7  |        | 16.9  | 25.3  |





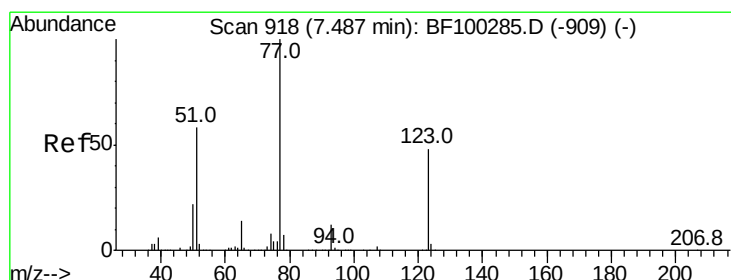
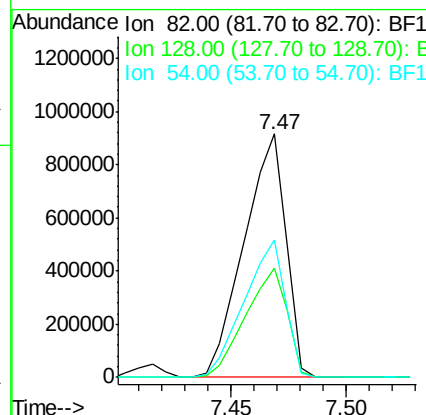
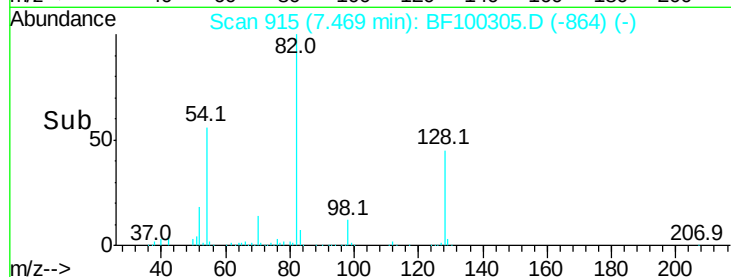
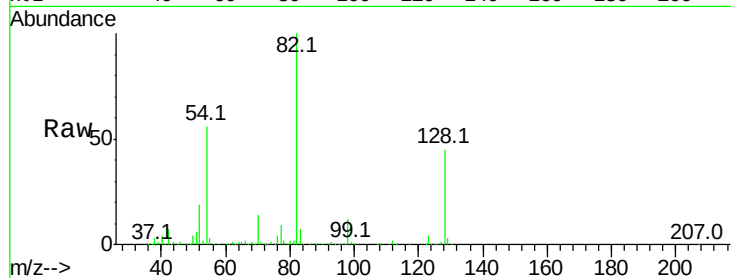
#23  
 Nitrobenzene-d5  
 Concen: 90.516 ng  
 RT: 7.47 min Scan# 915  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.9  | 36.1  | 54.1  |
| 54      | 56.3  | 41.4  | 62.2  |

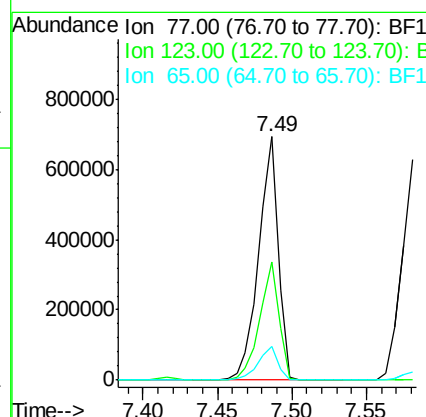
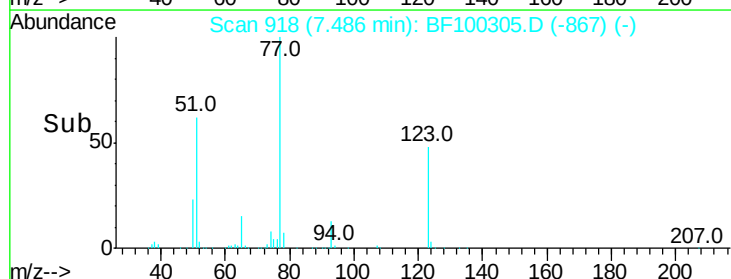
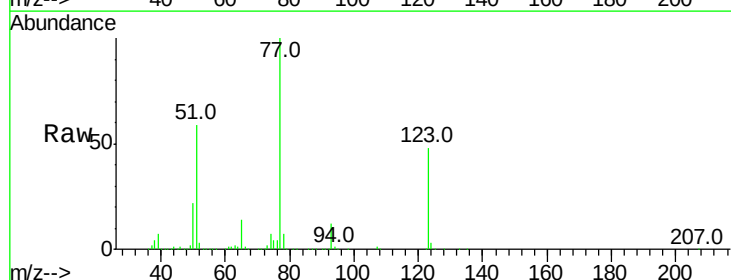
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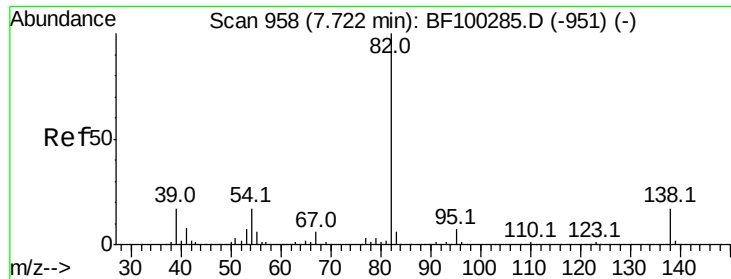


#24  
 Nitrobenzene  
 Concen: 47.627 ng  
 RT: 7.49 min Scan# 918  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.4  | 37.9  | 56.9  |
| 65      | 13.9  | 11.0  | 16.4  |







#25

Isophorone

Concen: 44.173 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Instrument :

BNA\_F

ClientSampleId :

OR-02-110617MSD

Tot Ion: 82 Resp: 1183260

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

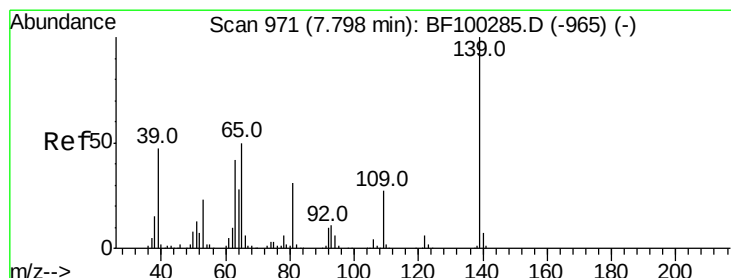
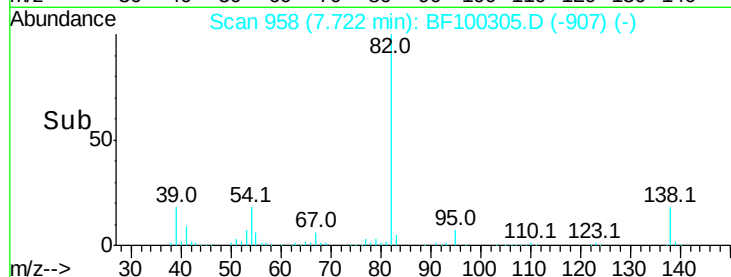
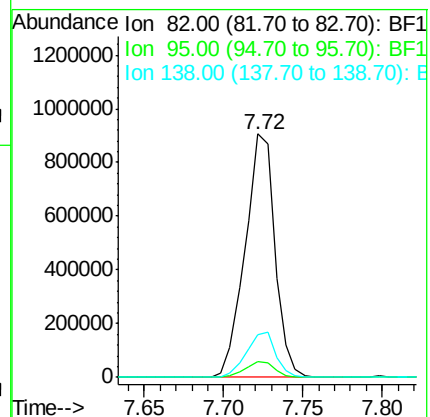
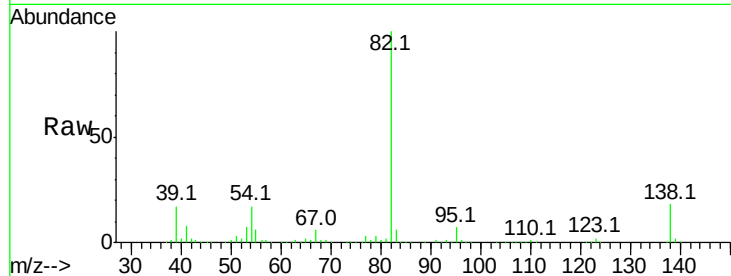
138 17.6 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 49.388 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

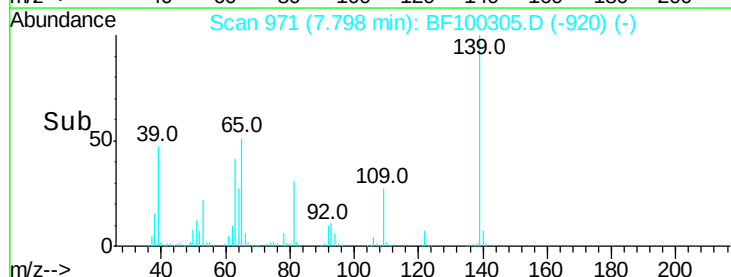
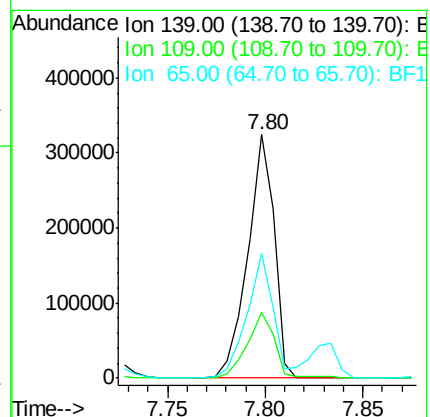
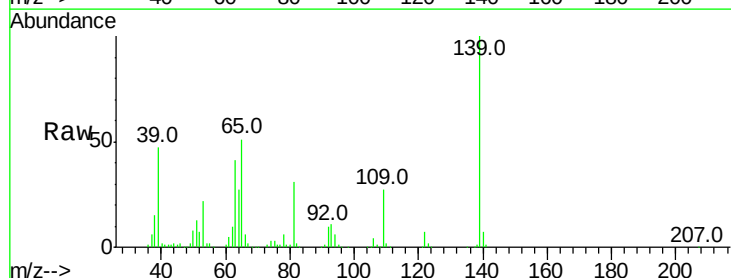
Tgt Ion: 139 Resp: 304883

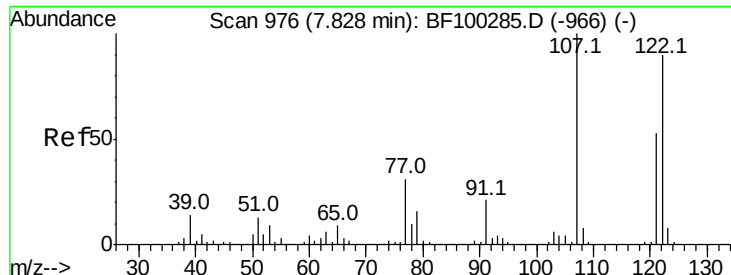
Ion Ratio Lower Upper

139 100

109 27.0 22.7 34.1

65 51.0 40.5 60.7





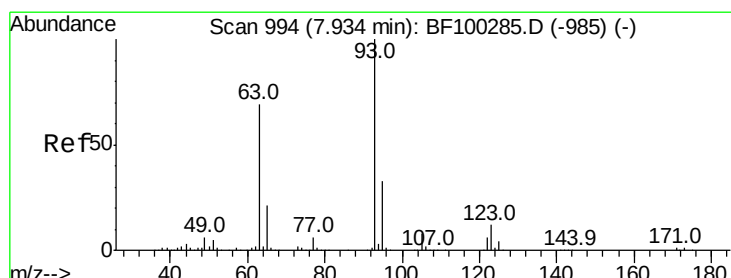
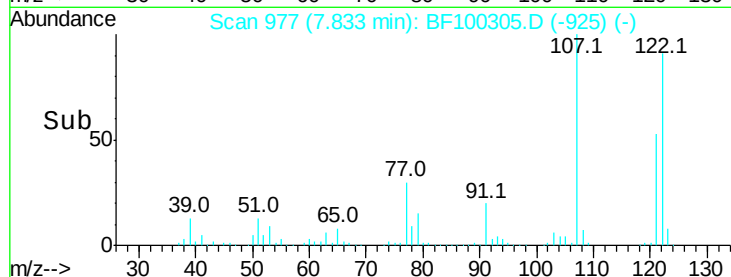
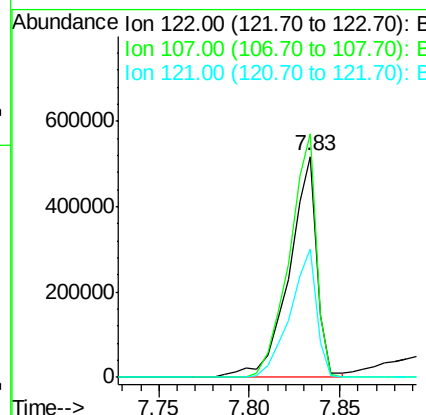
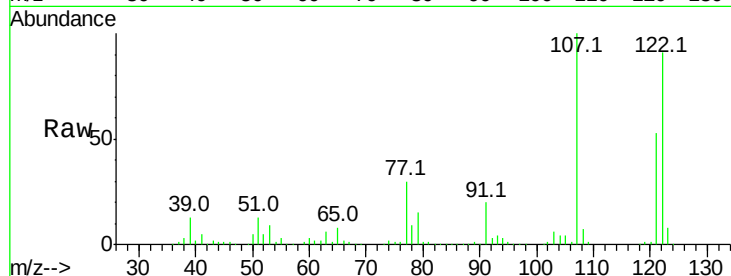
#27  
2,4-Dimethylphenol  
Concen: 46.250 ng  
RT: 7.83 min Scan# 977  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.4 | 91.2  | 136.8 |
| 121     | 58.1  | 47.2  | 70.8  |

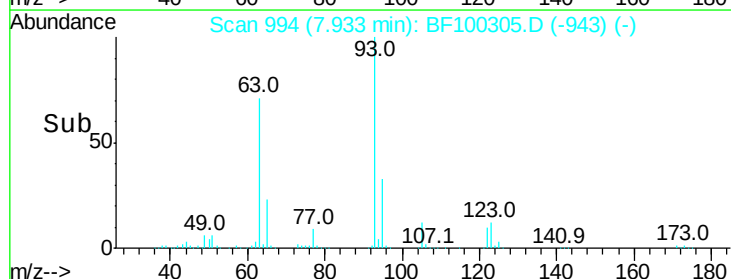
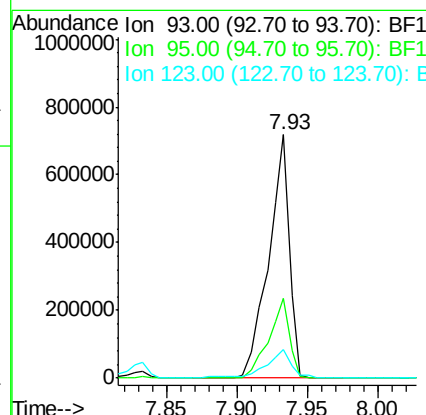
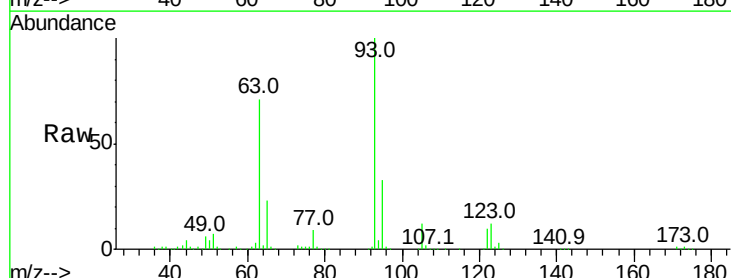
Manual Integrations  
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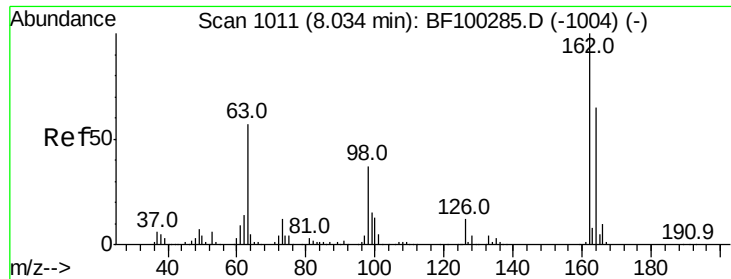
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#28  
bis(2-Chloroethoxy)methane  
Concen: 42.427 ng  
RT: 7.93 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 26.3  | 39.5  |
| 123     | 12.0  | 9.8   | 14.6  |





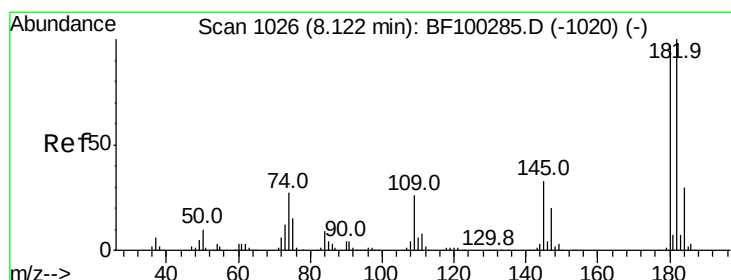
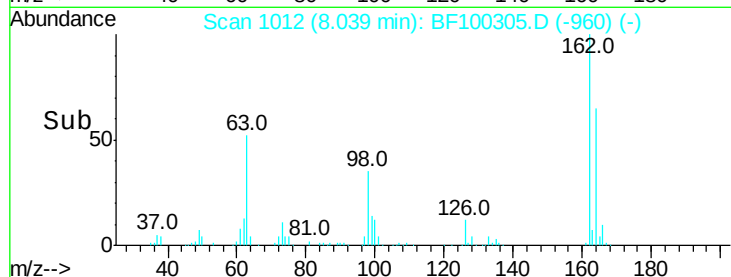
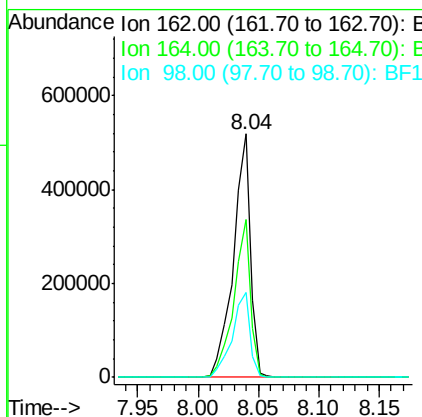
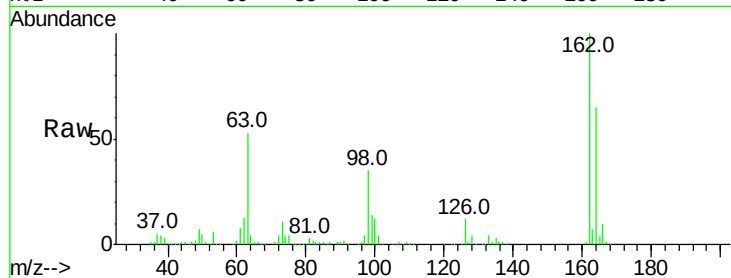
#29  
 2,4-Dichlorophenol  
 Concen: 44.811 ng  
 RT: 8.04 min Scan# 1012  
 Delta R.T. 0.01 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 513690 |       |       |
| 164     | 64.8  | 42.7   | 82.7  |       |
| 98      | 34.8  | 18.1   | 58.1  |       |

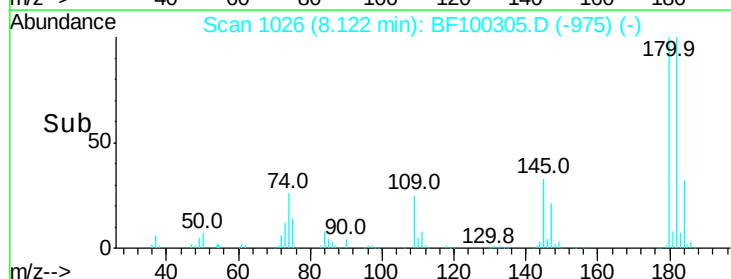
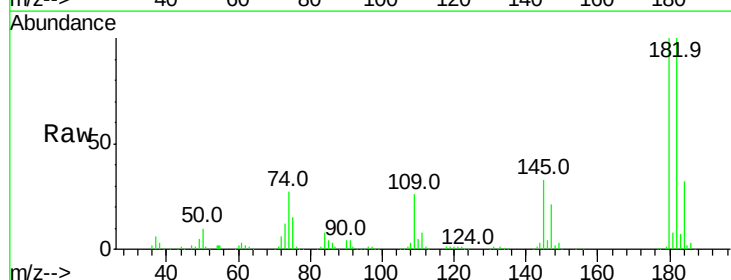
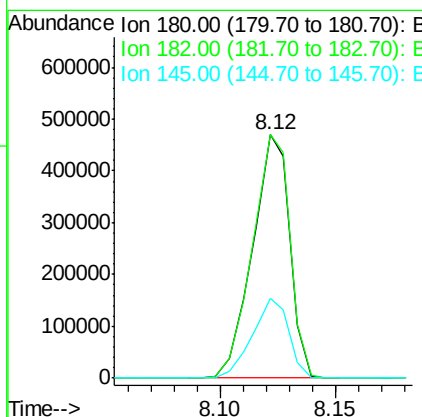
Manual Integrations  
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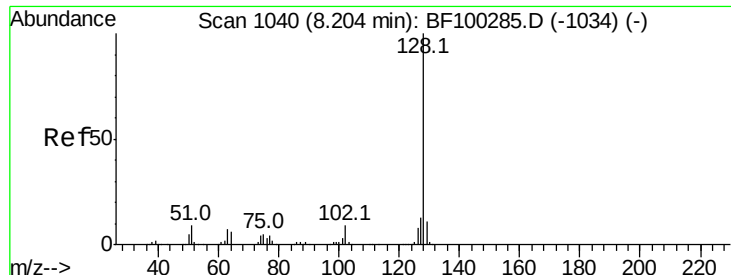
Sohil  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.437 ng  
 RT: 8.12 min Scan# 1026  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 526222 |       |       |
| 182     | 99.9  | 76.8   | 115.2 |       |
| 145     | 33.0  | 26.5   | 39.7  |       |





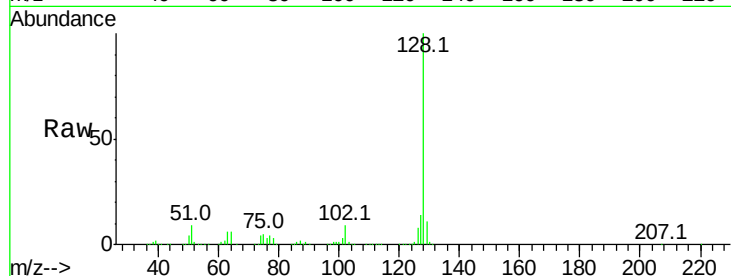
#31  
Naphthalene  
Concen: 51.679 ng  
RT: 8.21 min Scan# 1041  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

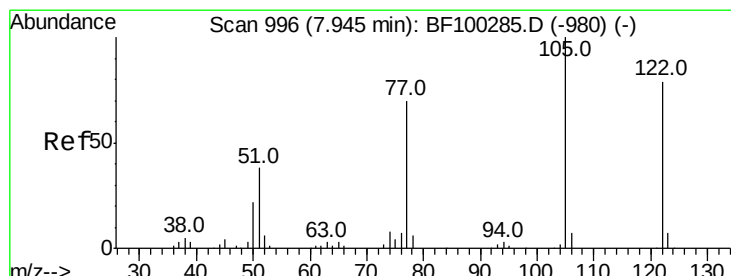
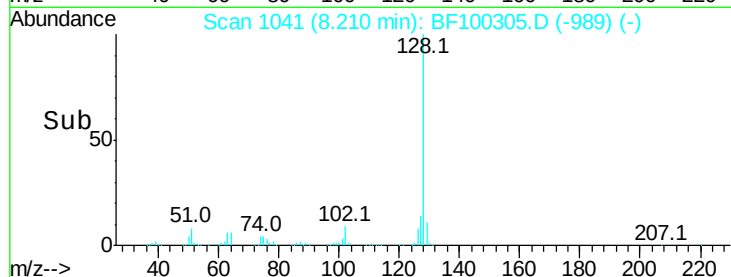
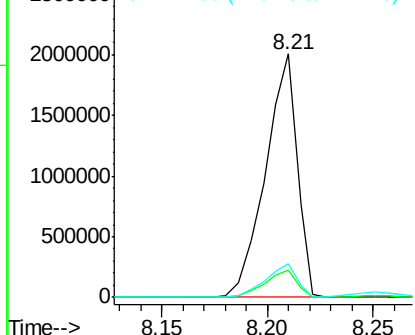
Tot Ion:128 Resp: 2097735  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.8 13.2  
127 13.8 10.9 16.3

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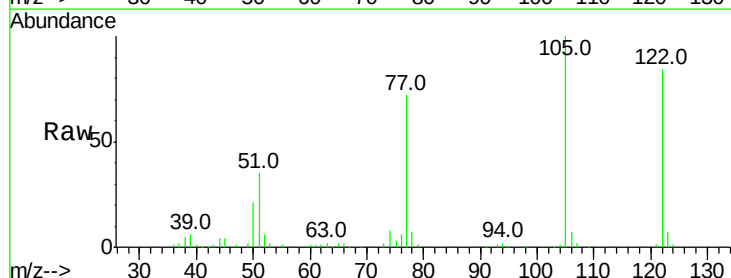


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

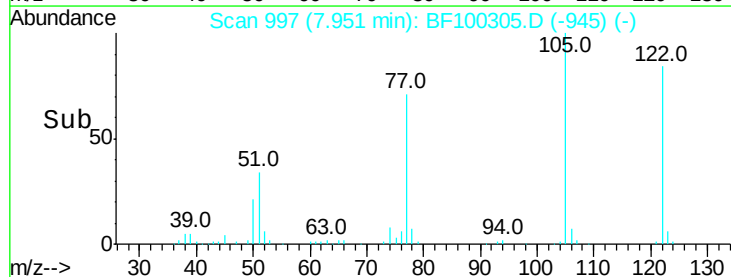
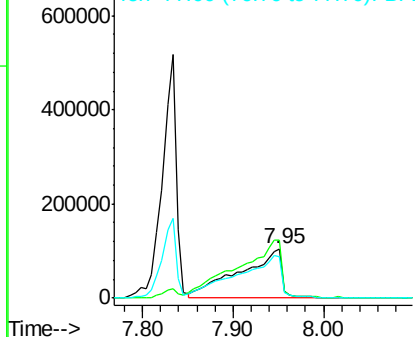


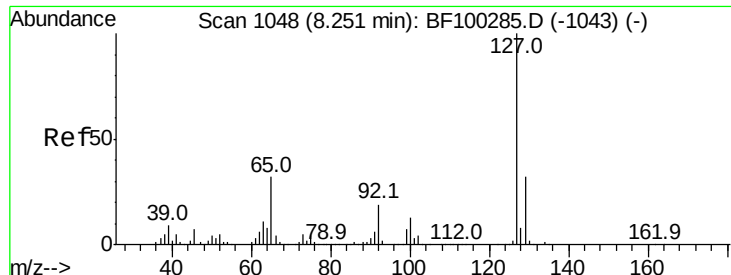
#32  
Benzoic acid  
Concen: 38.734 ng  
RT: 7.95 min Scan# 997  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Tgt Ion:122 Resp: 335507  
Ion Ratio Lower Upper  
122 100  
105 118.4 101.1 141.1  
77 85.0 70.7 110.7



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): BF1





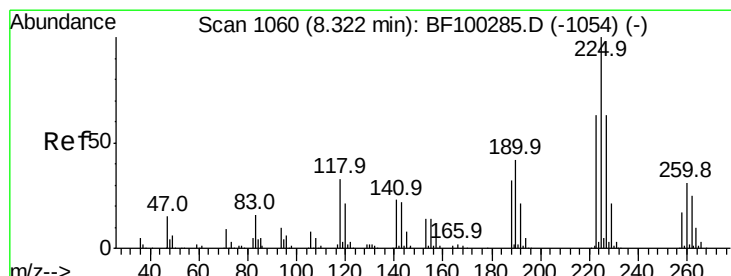
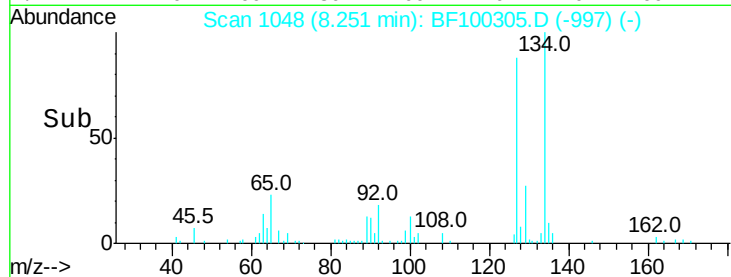
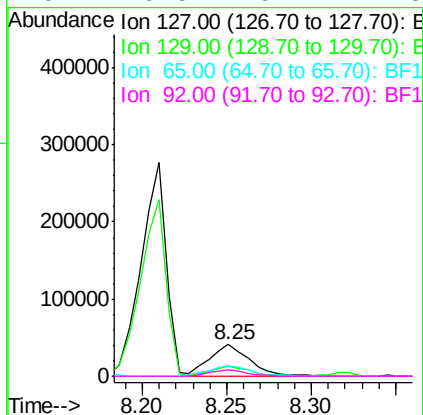
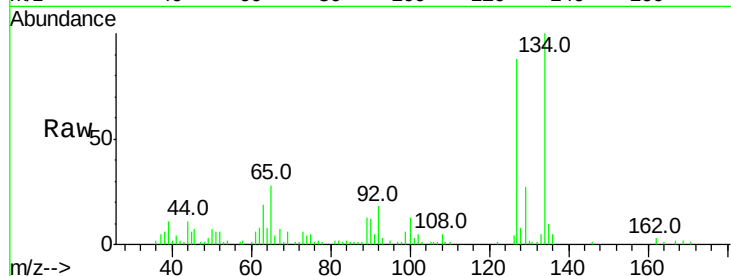
#33  
4-Chloroaniline  
Concen: 3.884 ng  
RT: 8.25 min Scan# 1048  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 65618 |       |       |
| 129     | 30.9 | 25.9  | 38.9  |       |       |
| 65      | 32.5 | 25.0  | 37.4  |       |       |
| 92      | 20.5 | 15.2  | 22.8  |       |       |

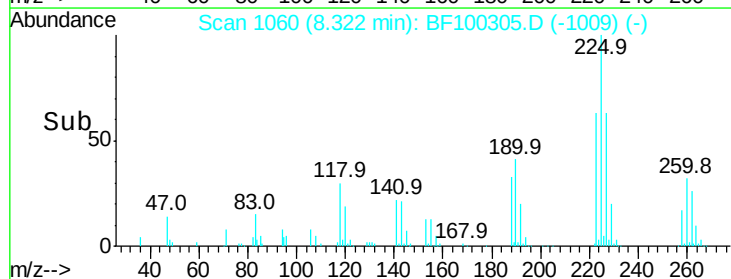
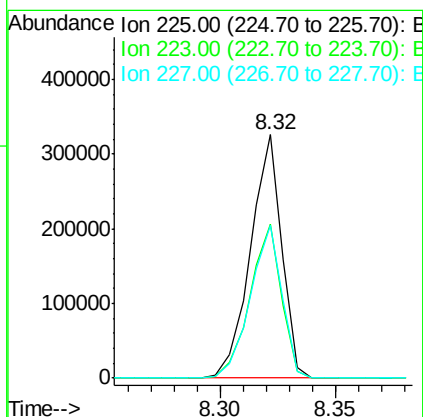
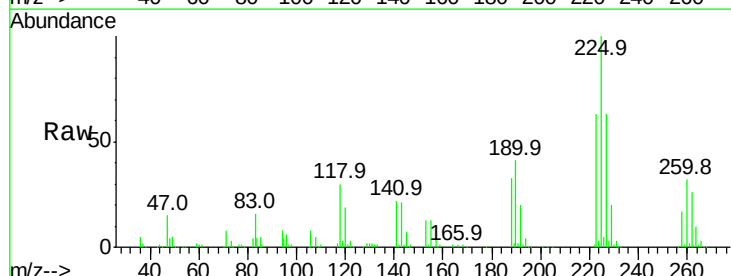
Manual Integrations  
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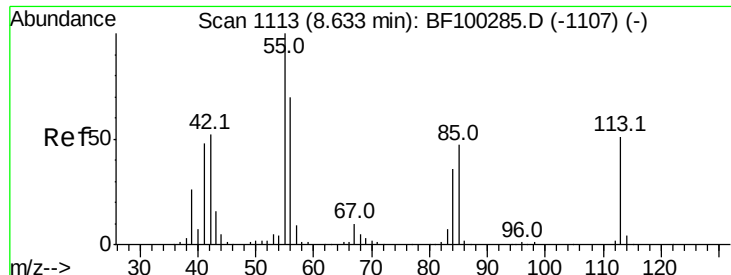
Sohil  
11/9/2017 3:41:48 PM



#34  
Hexachlorobutadiene  
Concen: 41.552 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 306351 |       |       |
| 223     | 63.1 | 50.6  | 76.0   |       |       |
| 227     | 62.9 | 51.9  | 77.9   |       |       |





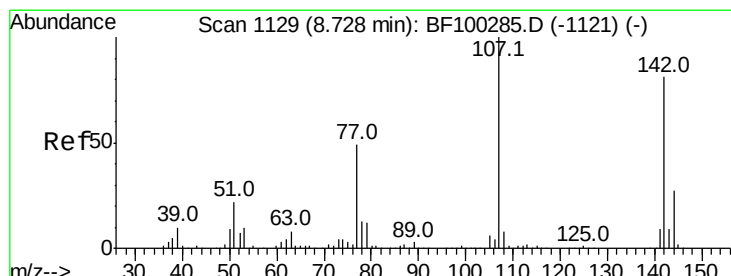
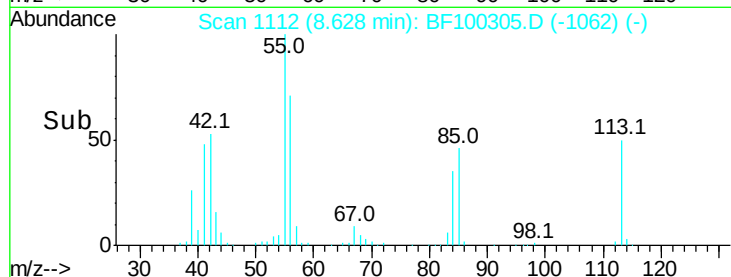
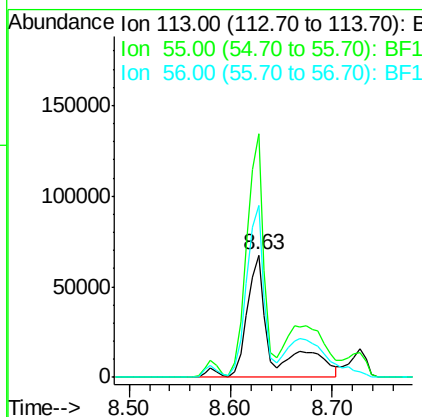
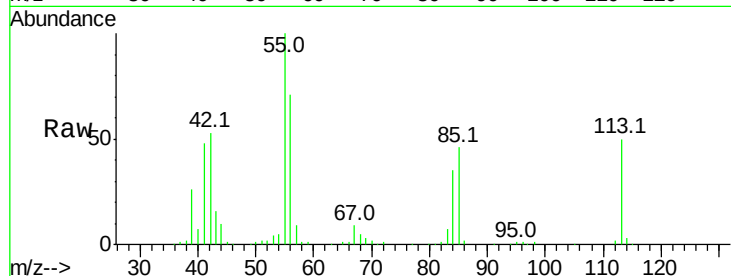
#35  
 Caprolactam  
 Concen: 30.629 ng/ml  
 RT: 8.63 min Scan# 1112  
 Delta R.T. -0.01 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 198.8 | 163.3 | 203.3 |
| 56      | 140.3 | 115.7 | 155.7 |

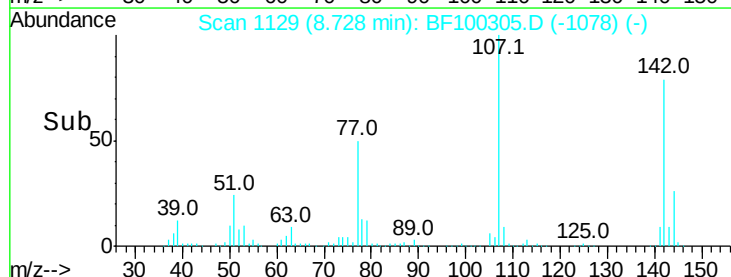
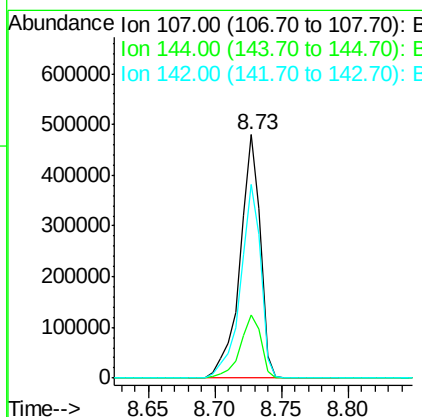
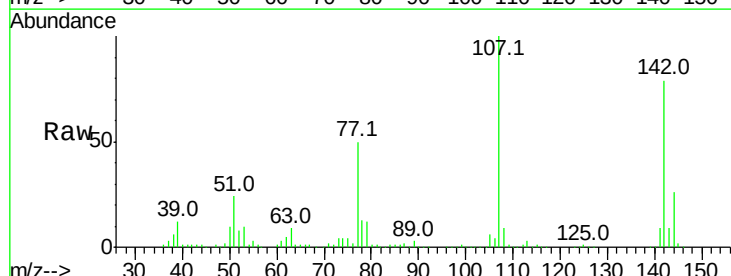
Manual Integrations  
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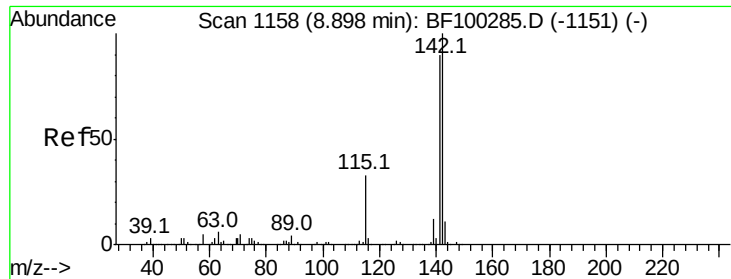
Sohil  
 11/9/2017 3:41:48 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.263 ng/ml  
 RT: 8.73 min Scan# 1129  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.2  | 20.5  | 30.7  |
| 142     | 79.5  | 62.0  | 93.0  |





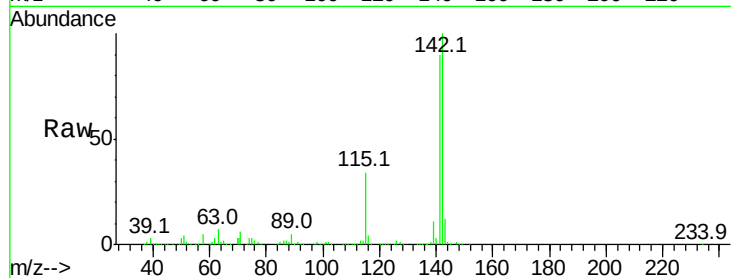
#37  
2-Methylnaphthalene  
Concen: 43.167 ng  
RT: 8.90 min Scan# 1158  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.2  | 70.8  | 106.2 |
| 115     | 34.1  | 26.1  | 39.1  |

Manual Integrations  
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11/9/2017 3:41:48 PM

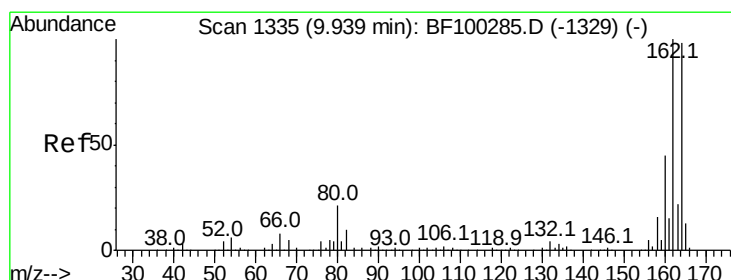
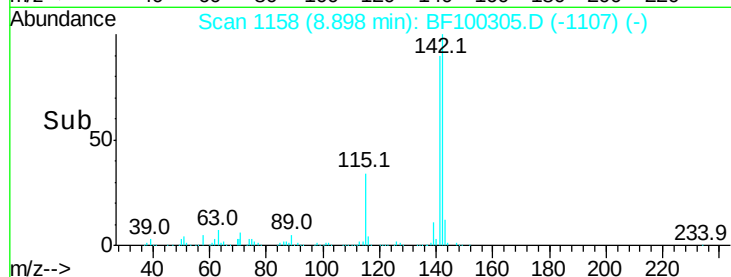
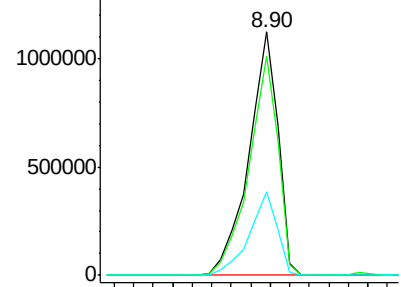


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

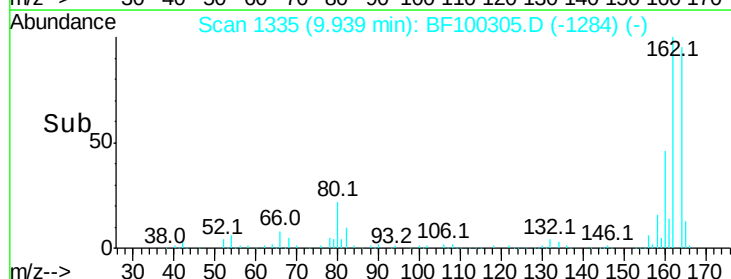
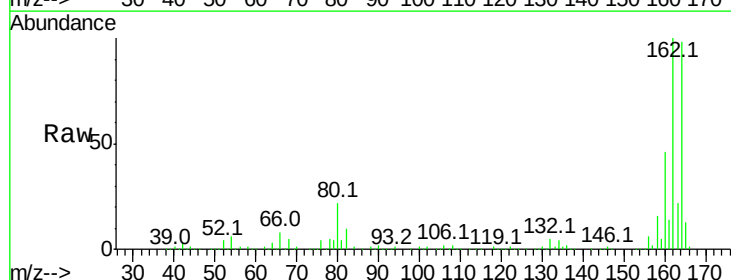
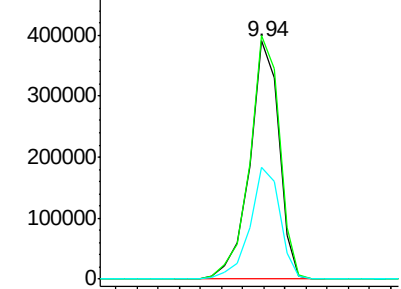
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.2 | 86.1  | 129.1 |
| 160     | 46.7  | 38.3  | 57.5  |

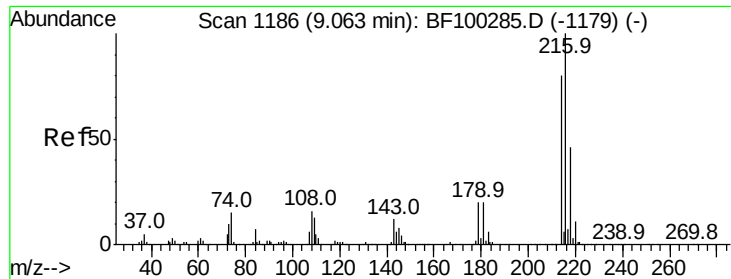
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





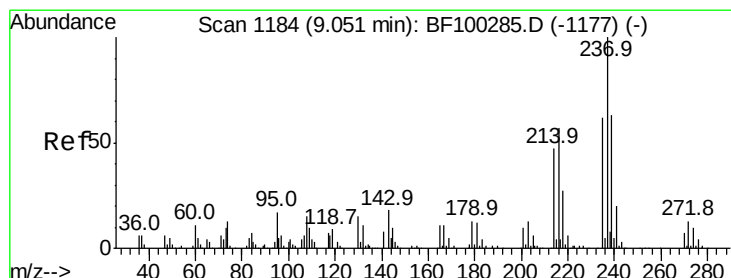
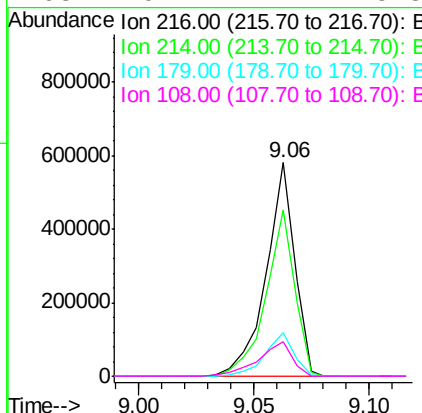
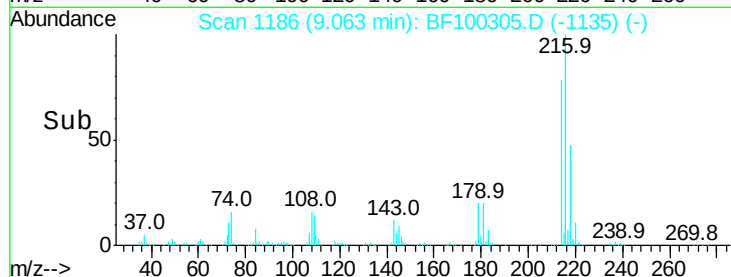
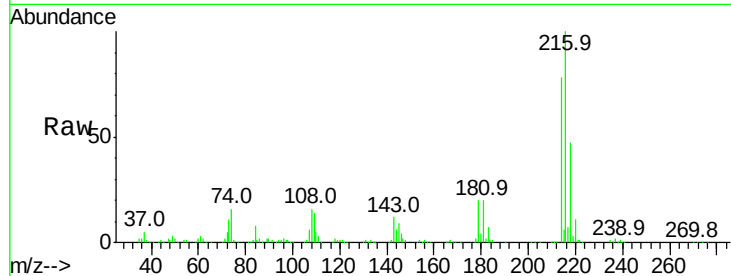
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.984 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.0  | 63.0       | 94.4  |
| 179     | 20.5  | 18.1       | 27.1  |
| 108     | 19.2  | 17.2       | 25.8  |

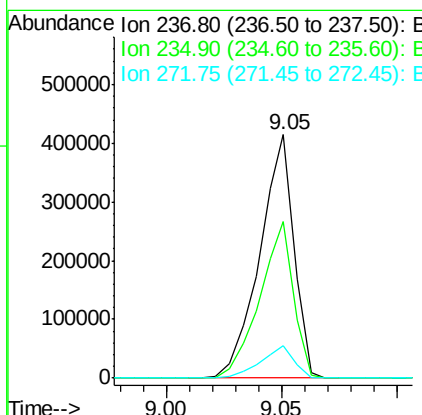
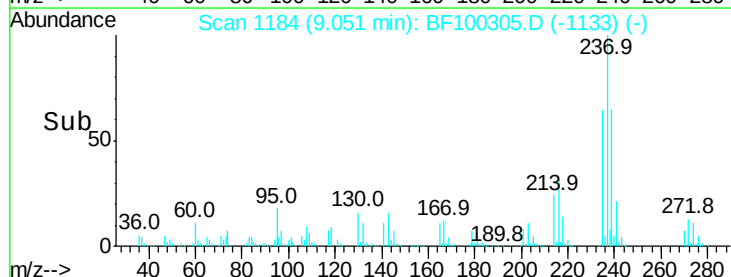
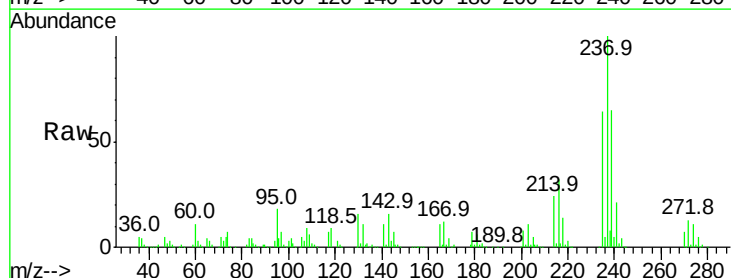
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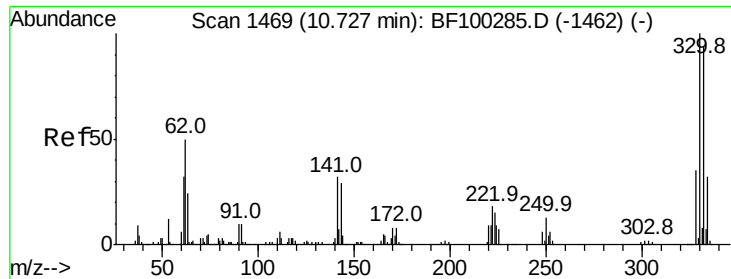


#40  
 Hexachlorocyclopentadiene  
 Concen: 72.193 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 64.4  | 44.8       | 84.8  |
| 272     | 13.4  | 0.0        | 33.3  |







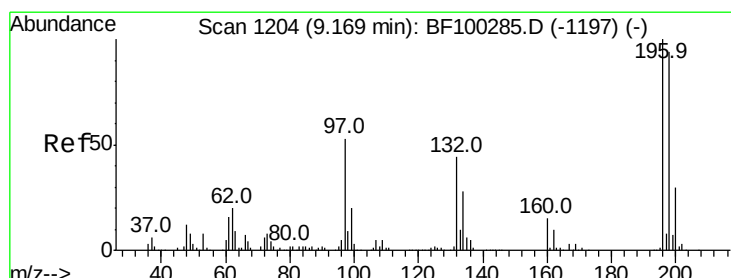
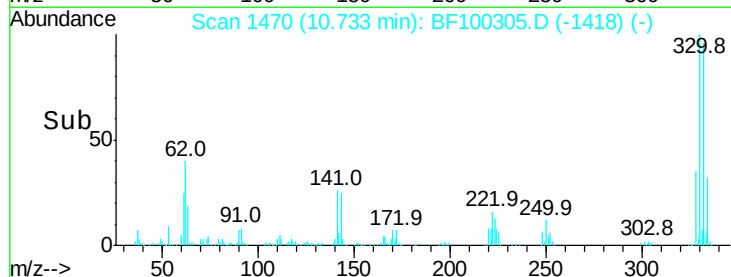
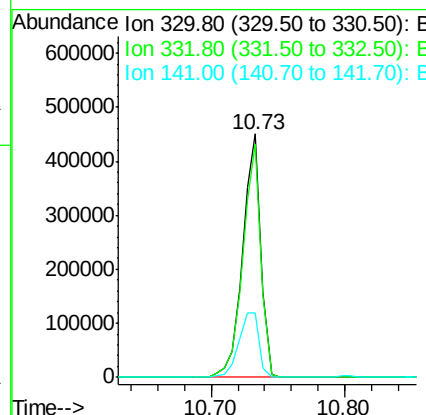
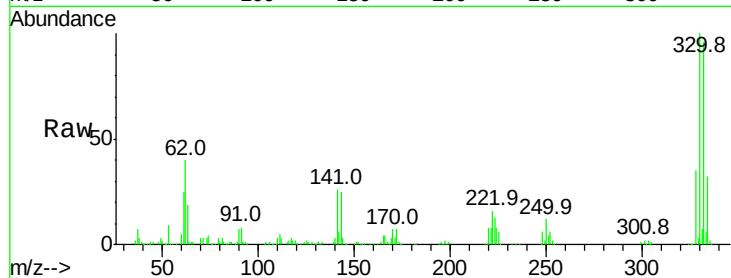
#41  
 2,4,6-Tribromophenol  
 Concen: 111.240 ng  
 RT: 10.73 min Scan# 1470  
 Delta R.T. 0.01 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.4  | 77.0 | 115.6 |       |
| 141     | 30.4  | 29.9 | 44.9  |       |

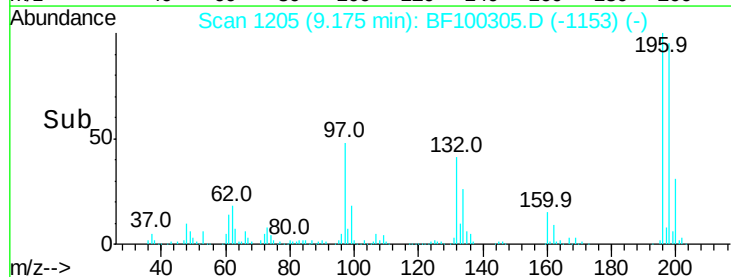
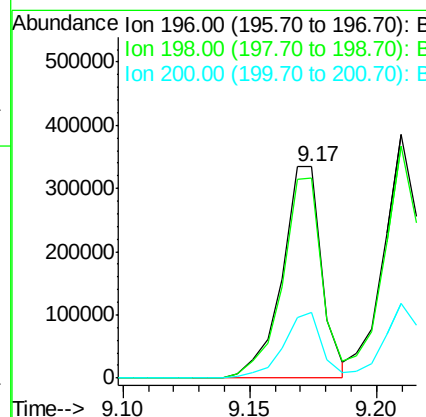
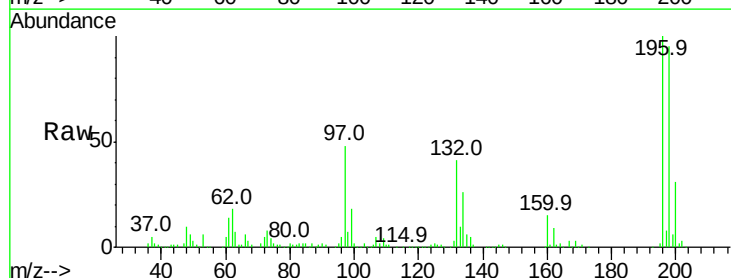
Manual Integrations  
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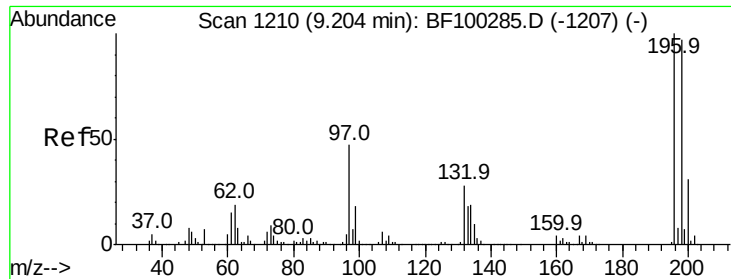
Sohil  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 46.319 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.01 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 94.9  | 75.7 | 113.5 |       |
| 200     | 30.8  | 24.5 | 36.7  |       |





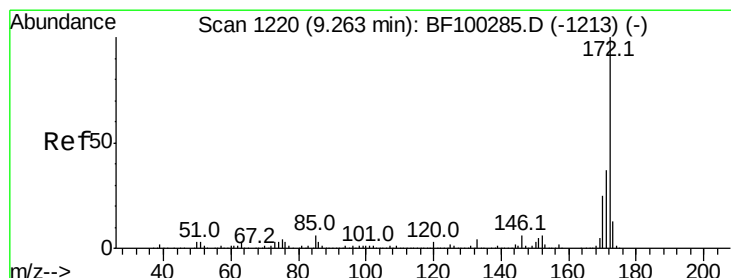
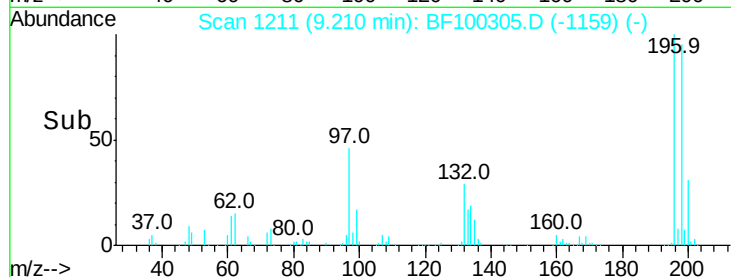
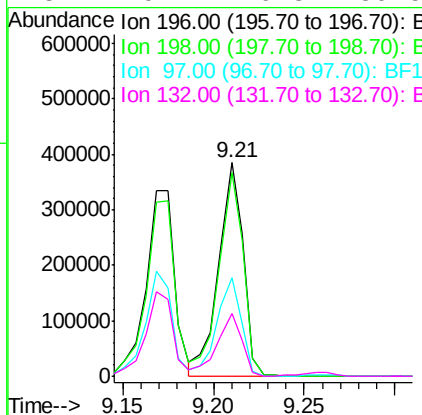
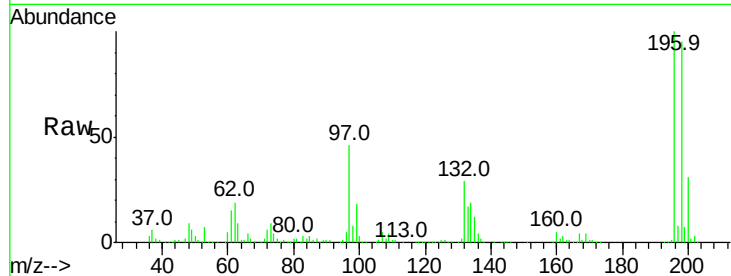
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.025 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.01 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 361544 |       |       |
| 198     | 95.2  | 74.6   | 112.0 |       |
| 97      | 46.1  | 42.9   | 64.3  |       |
| 132     | 29.2  | 26.3   | 39.5  |       |

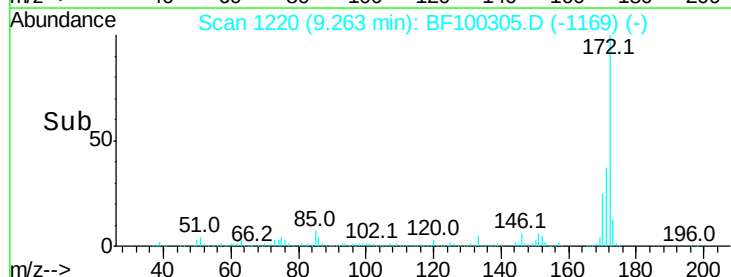
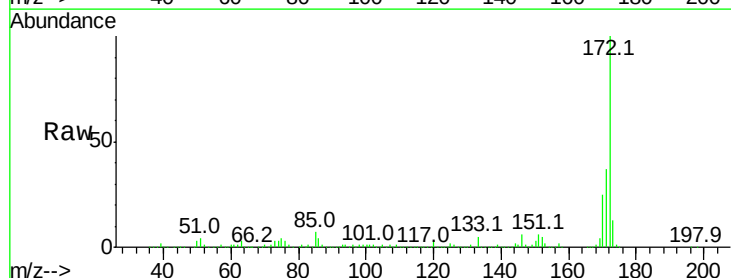
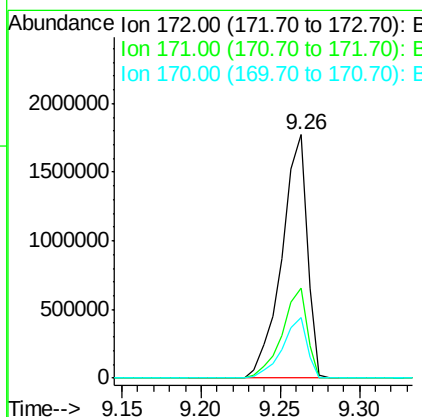
Manual Integrations  
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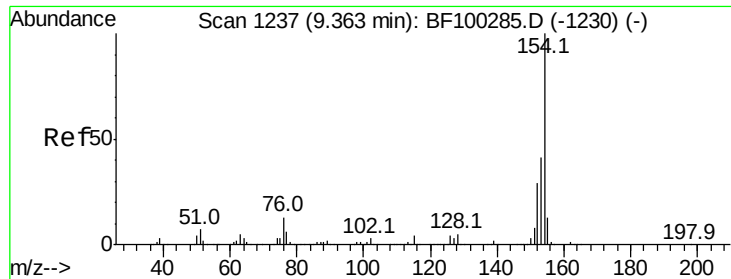
Sohil  
 11/9/2017 3:41:48 PM



#44  
 2-Fluorobiphenyl  
 Concen: 79.883 ng  
 RT: 9.26 min Scan# 1220  
 Delta R.T. 0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1978292 |       |       |
| 171     | 37.1  | 29.7    | 44.5  |       |
| 170     | 24.7  | 19.6    | 29.4  |       |





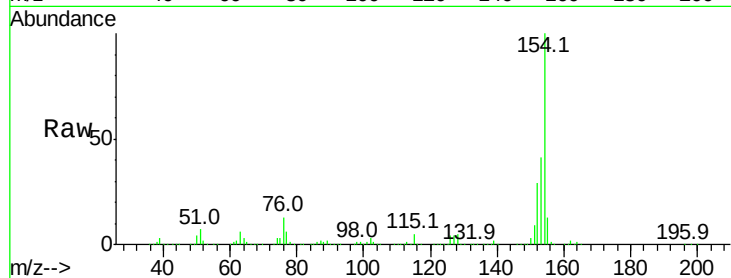
#45  
1,1'-Biphenyl  
Concen: 40.424 ng  
RT: 9.36 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.3  | 21.3  | 61.3  |
| 76      | 13.2  | 0.0   | 34.0  |

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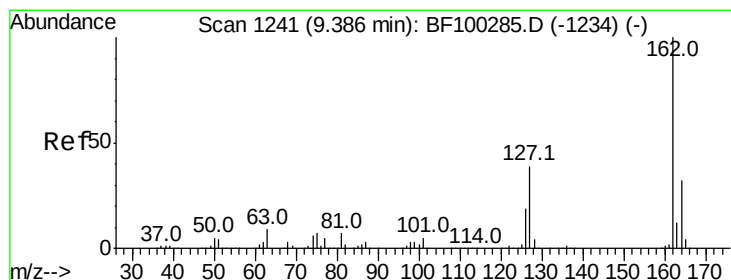
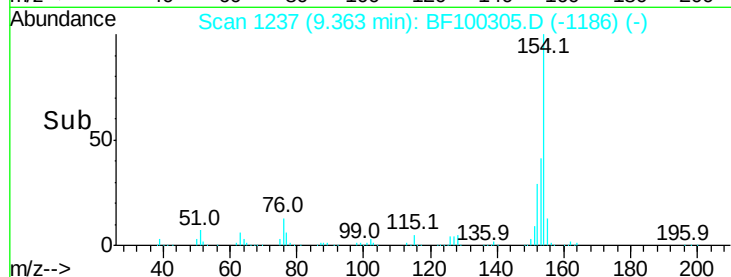
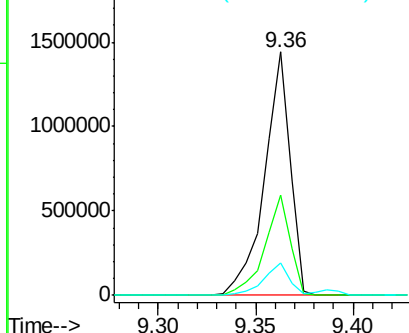


Abundance

Ion 154.00 (153.70 to 154.70): E

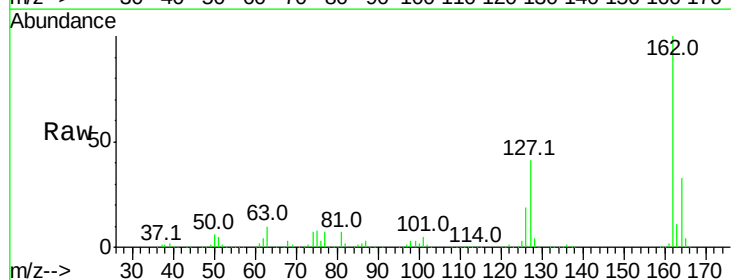
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46  
2-Chloronaphthalene  
Concen: 43.253 ng  
RT: 9.39 min Scan# 1241  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.1  | 33.9  | 50.9  |
| 164     | 32.9  | 26.5  | 39.7  |

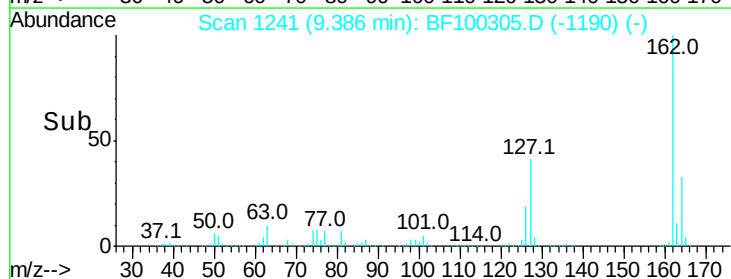
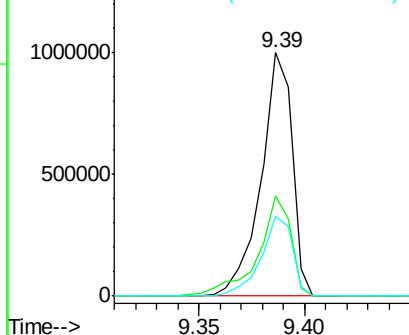


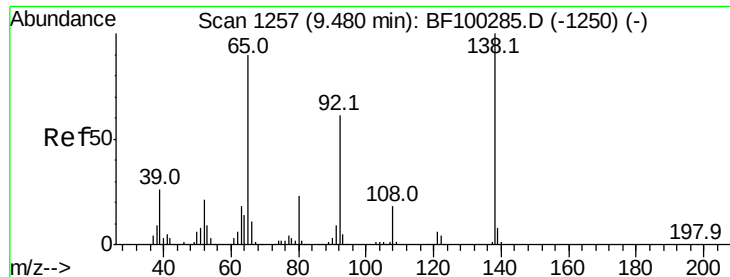
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.845 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Instrument :

BNA\_F

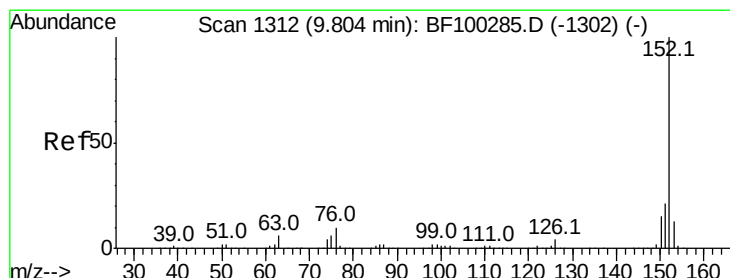
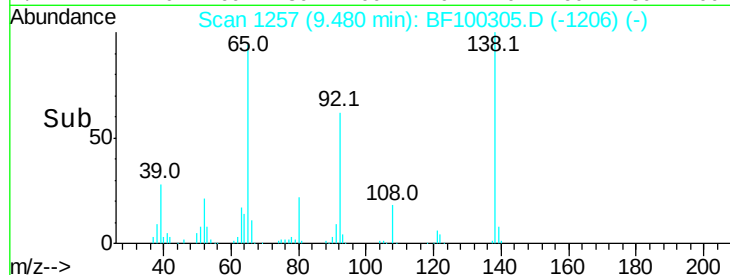
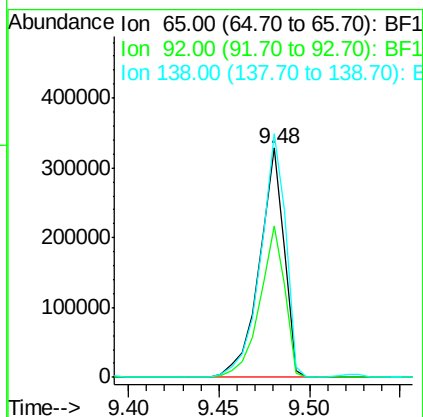
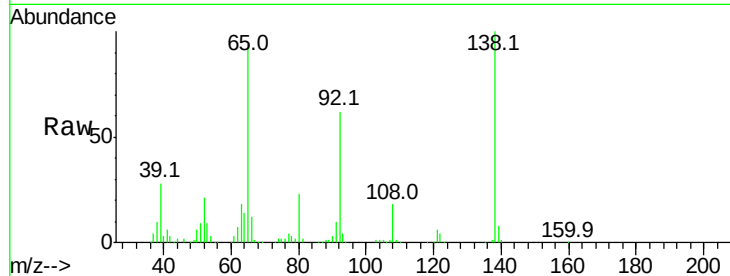
ClientSampleId :

OR-02-110617MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 312170 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 66.1  | 55.8  | 83.6   |
| 138       | 106.3 | 91.2  | 136.8  |

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#48

Acenaphthylene

Concen: 40.202 ng

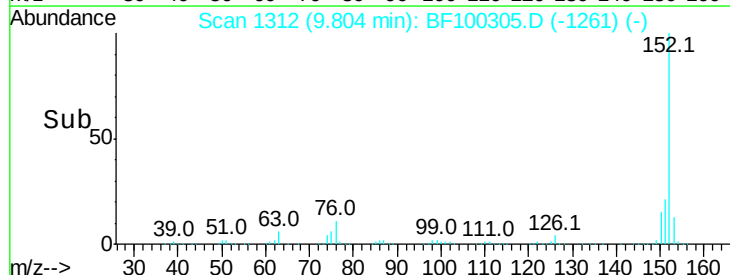
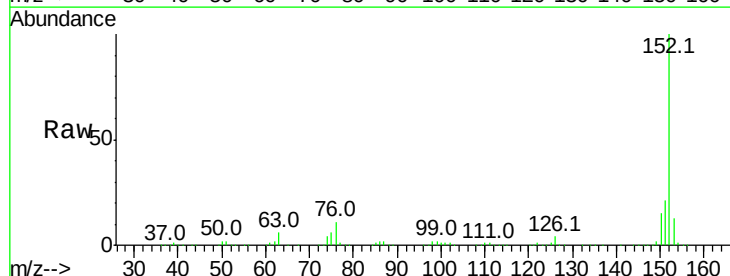
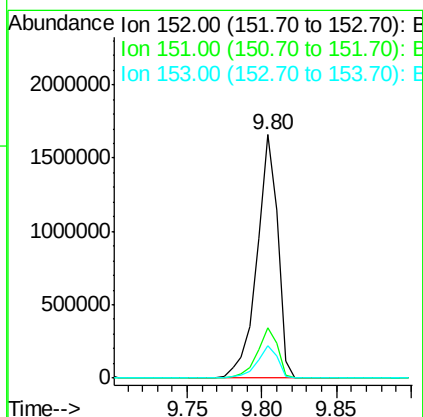
RT: 9.80 min Scan# 1312

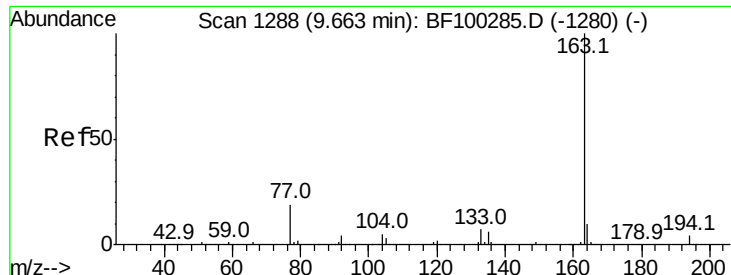
Delta R.T. -0.00 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 1576372 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 20.8  | 16.3  | 24.5    |
| 153       | 13.5  | 10.7  | 16.1    |





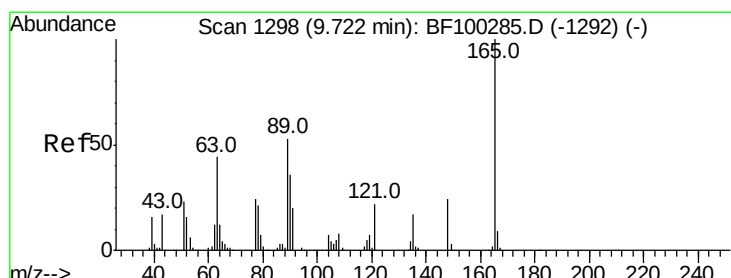
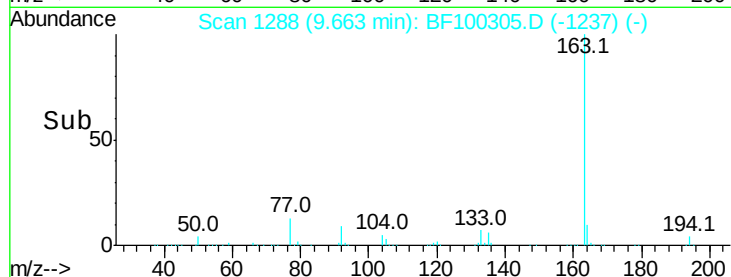
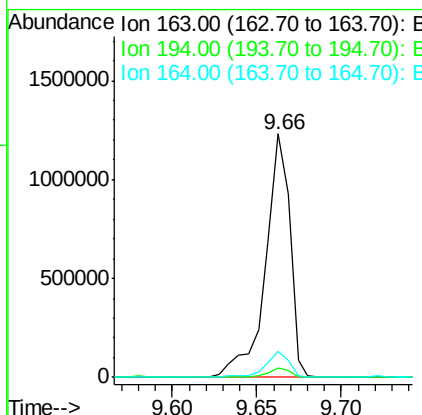
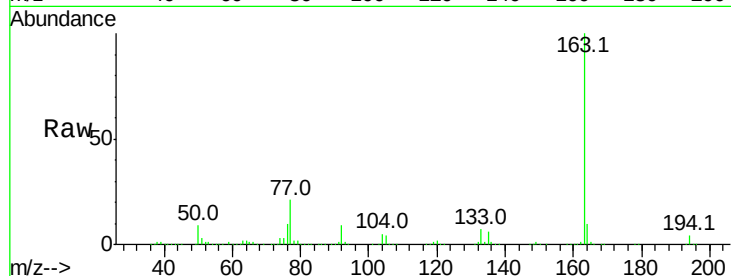
#49  
Dimethylphthalate  
Concen: 42.849 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.7   | 2.7   | 4.1   |
| 164     | 10.5  | 8.2   | 12.2  |

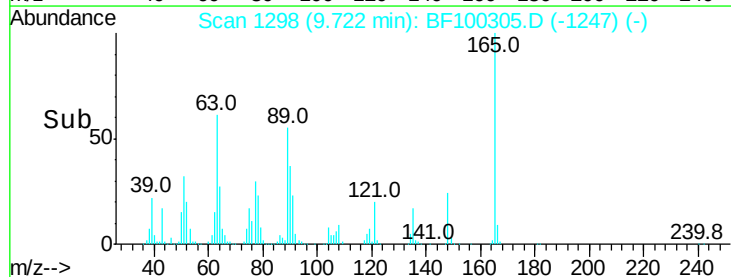
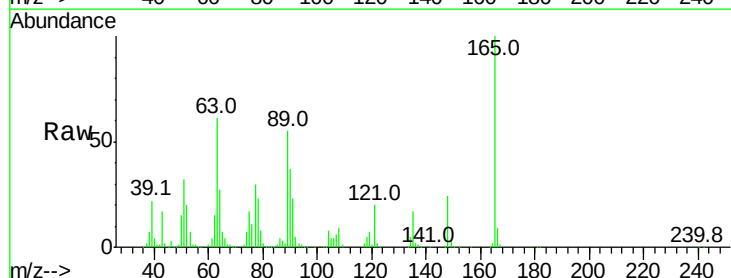
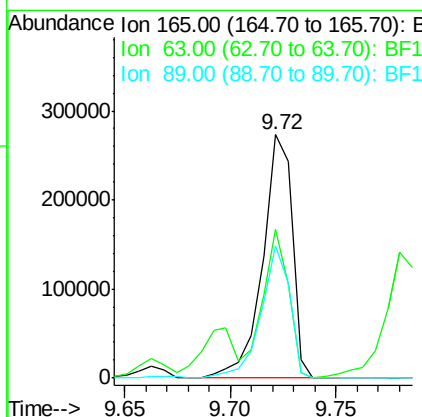
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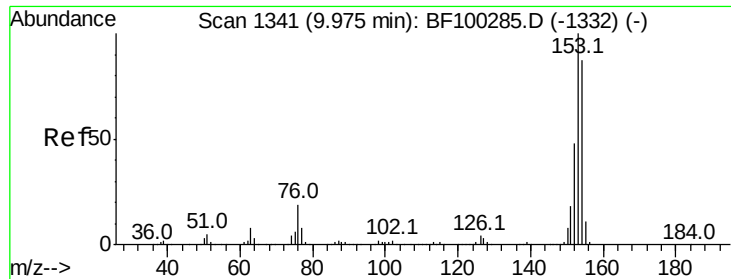
Sohil  
11/9/2017 3:41:48 PM



#50  
2,6-Dinitrotoluene  
Concen: 46.743 ng  
RT: 9.72 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 61.4  | 44.7  | 67.1  |
| 89      | 54.5  | 44.0  | 66.0  |





#51

Acenaphthene

Concen: 42.466 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Instrument :

BNA\_F

ClientSampleId :

OR-02-110617MSD

Tot Ion:154 Resp: 1012718

Ion Ratio Lower Upper

154 100

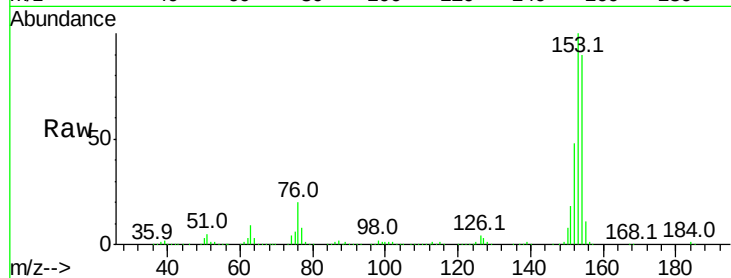
153 111.3 91.2 136.8

152 53.9 43.8 65.8

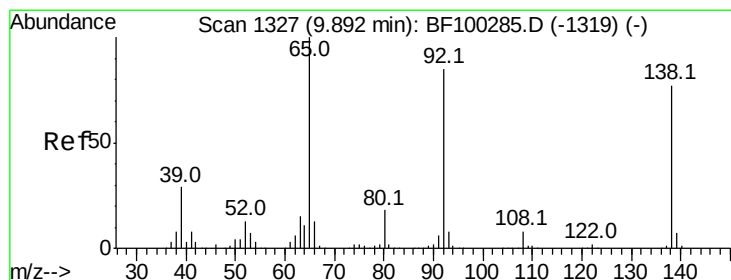
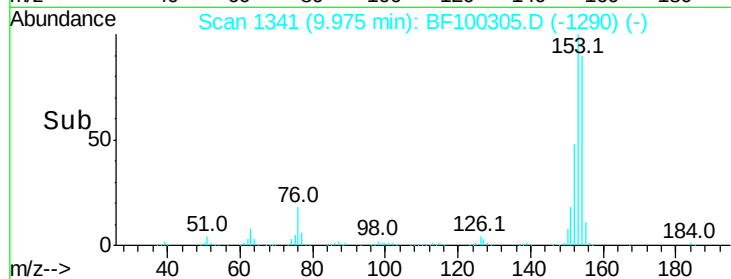
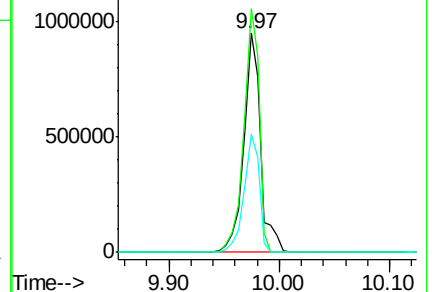
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.653 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

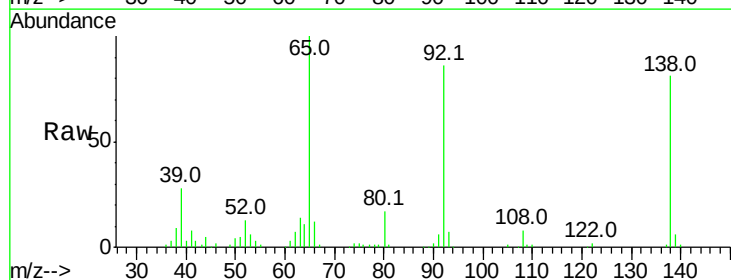
Tgt Ion:138 Resp: 71696

Ion Ratio Lower Upper

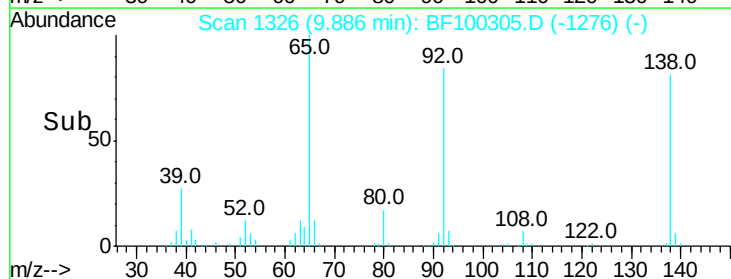
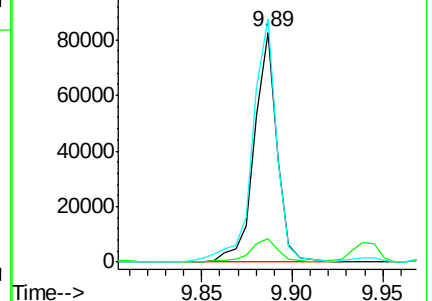
138 100

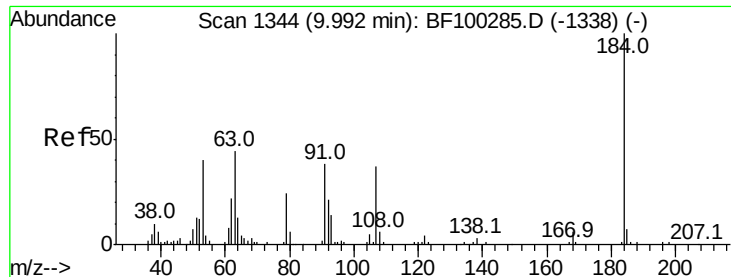
108 10.1 9.4 14.0

92 106.0 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1





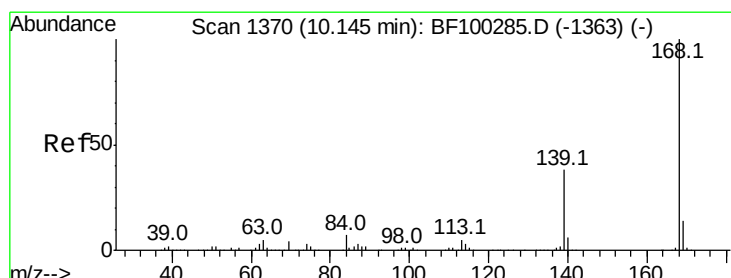
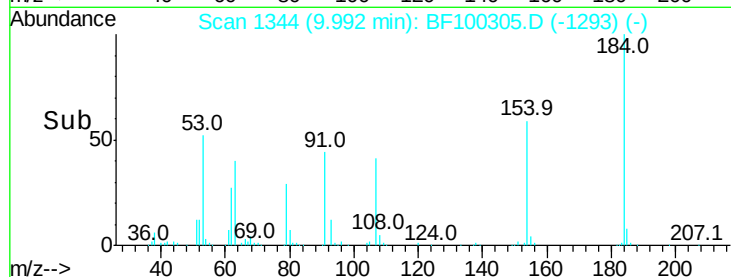
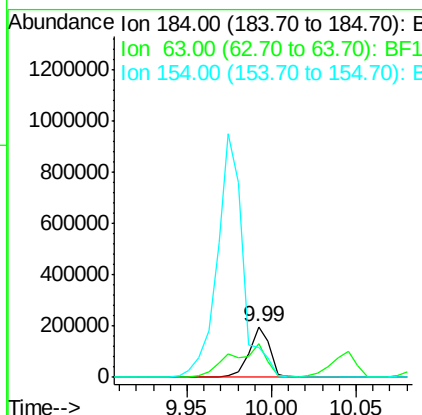
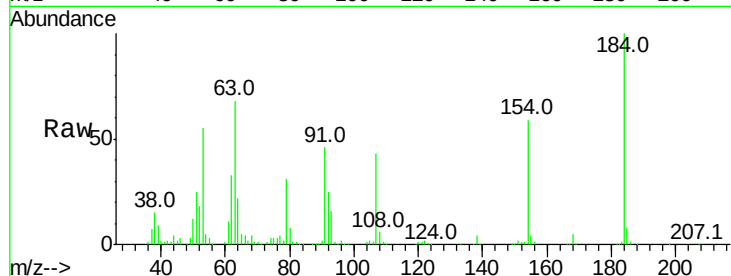
#53  
2,4-Dinitrophenol  
Concen: 71.520 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 184     | 100   | 168981 |        |       |
| 63      | 67.5  | 54.2   | 81.2   |       |
| 154     | 58.7  | 184.0  | 276.0# |       |

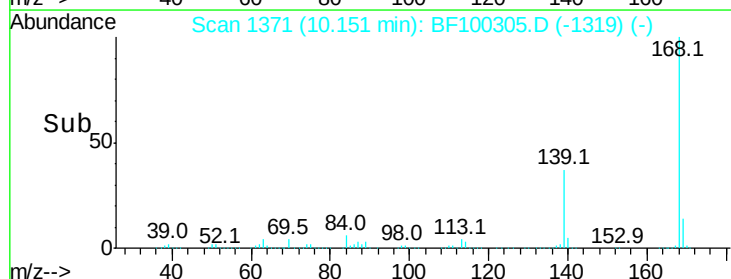
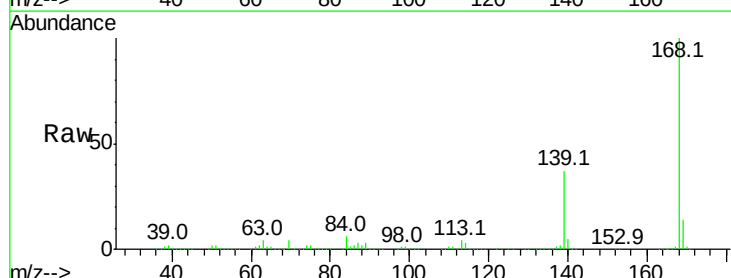
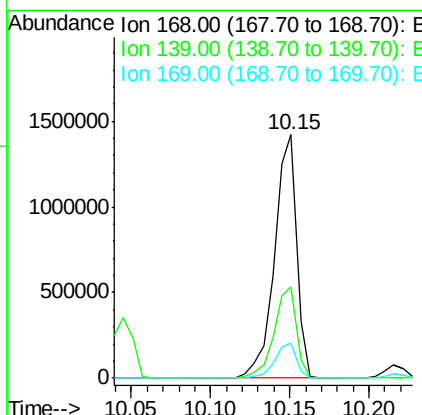
Manual Integrations  
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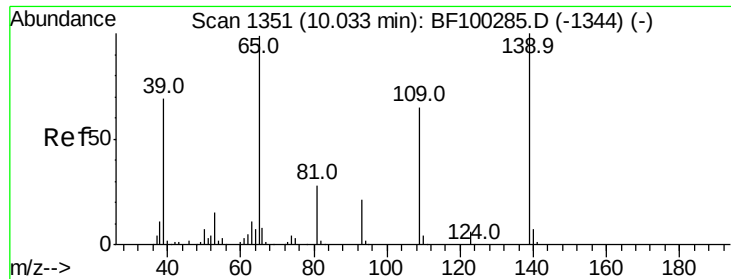
Sohil  
11/9/2017 3:41:48 PM



#54  
Dibenzofuran  
Concen: 41.286 ng  
RT: 10.15 min Scan# 1371  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1379942 |       |       |
| 139     | 37.3  | 30.1    | 45.1  |       |
| 169     | 14.2  | 10.9    | 16.3  |       |





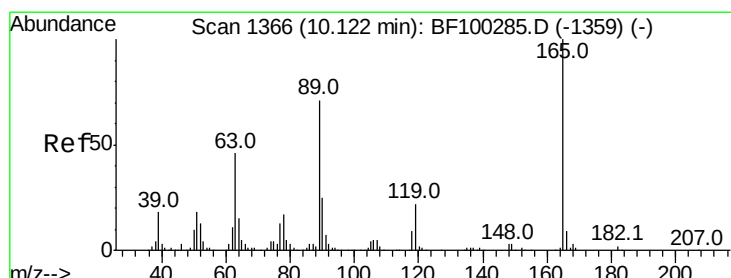
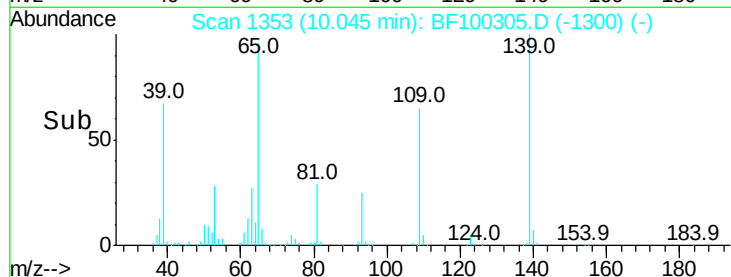
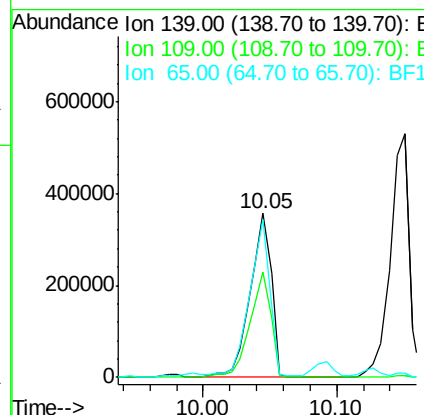
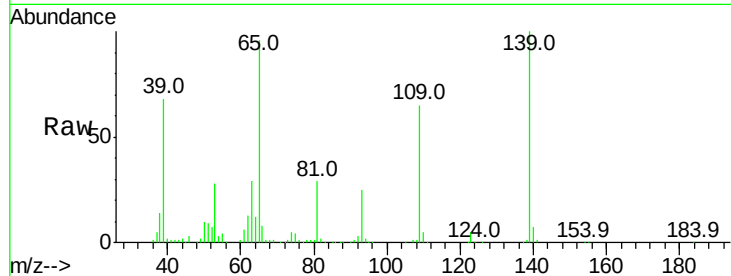
#55  
4-Nitrophenol  
Concen: 70.322 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 64.6  | 48.4  | 88.4  |
| 65      | 96.1  | 72.6  | 112.6 |

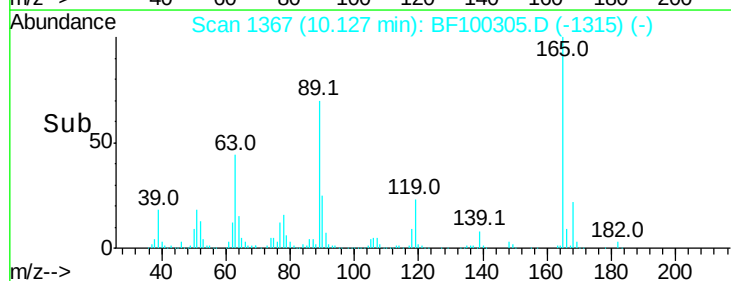
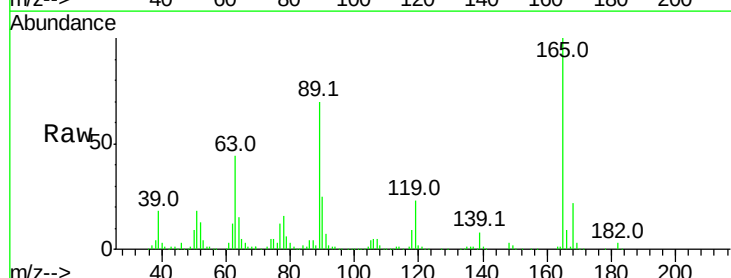
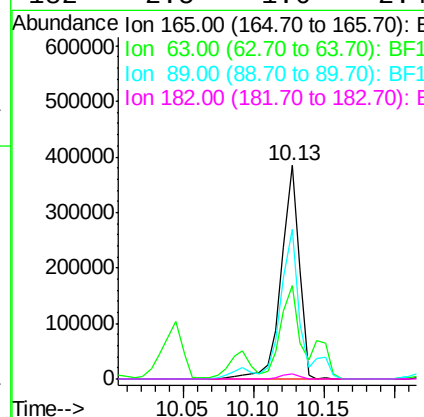
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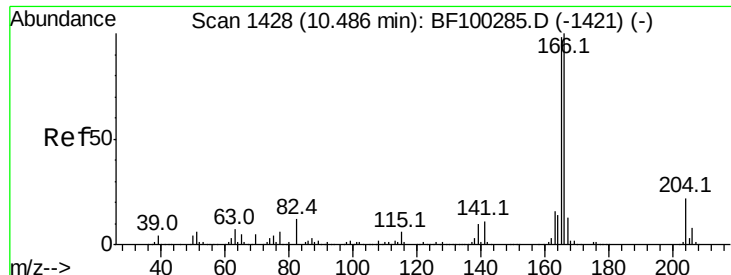


#56  
2,4-Dinitrotoluene  
Concen: 47.953 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 44.0  | 36.4  | 54.6  |
| 89      | 70.2  | 57.8  | 86.6  |
| 182     | 2.5   | 1.6   | 2.4#  |







#57

Fluorene

Concen: 40.374 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Instrument :

BNA\_F

ClientSampleId :

OR-02-110617MSD

Tot Ion:166 Resp: 988576

Ion Ratio Lower Upper

166 100

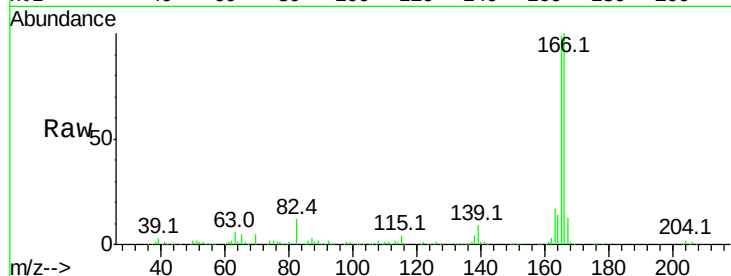
165 98.8 79.8 119.8

167 13.2 10.6 16.0

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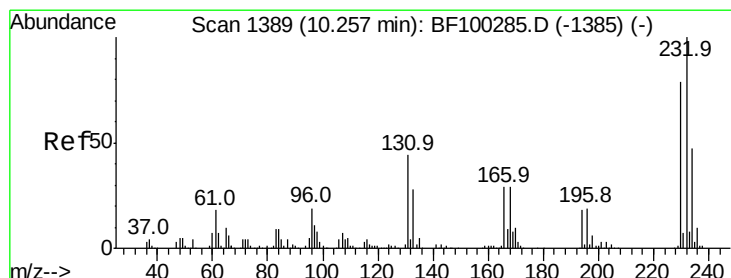
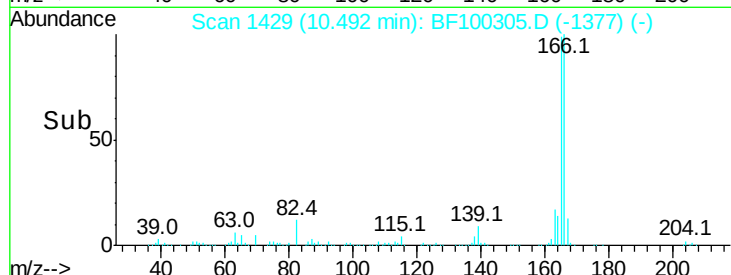
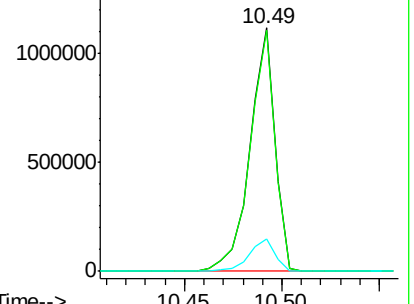
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.518 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Tgt Ion:232 Resp: 292904

Ion Ratio Lower Upper

232 100

131 43.2 43.8 65.8#

130 2.2 2.1 3.1

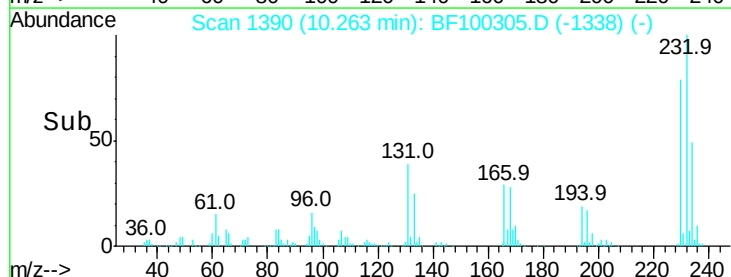
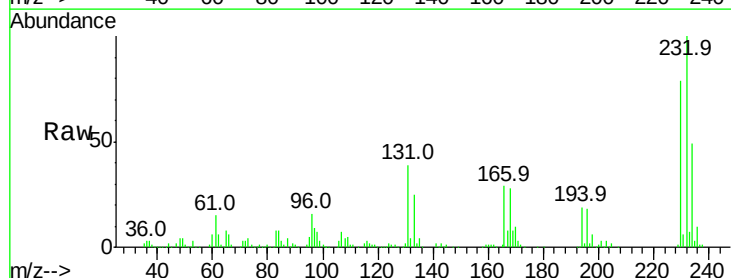
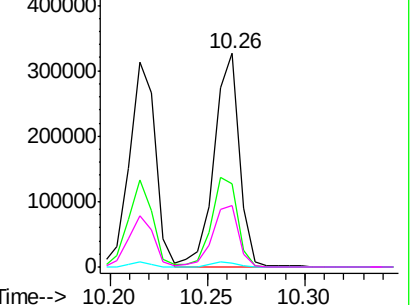
166 30.0 27.8 41.6

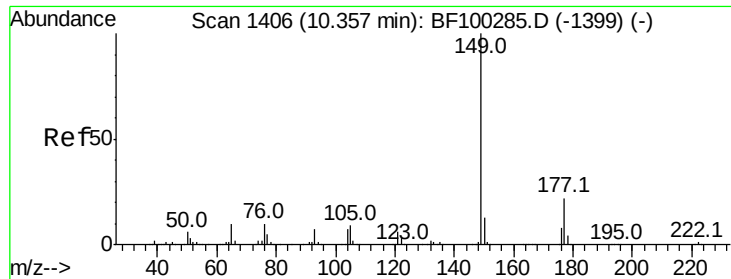
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





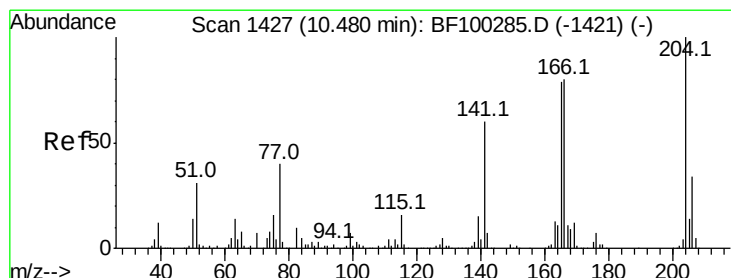
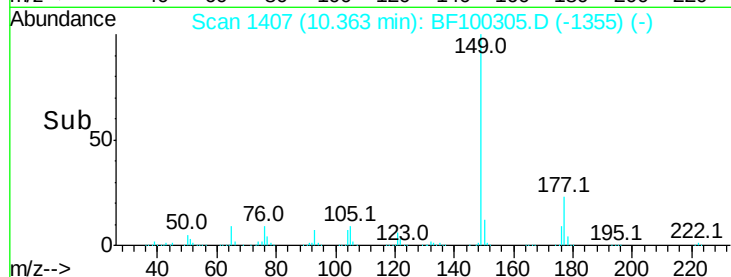
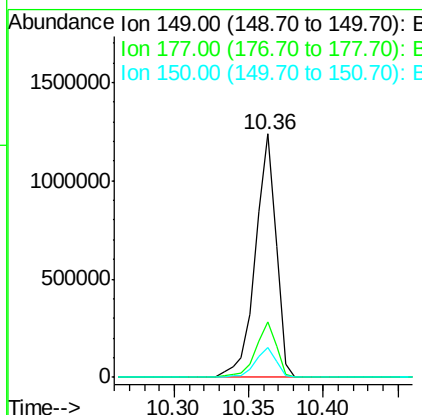
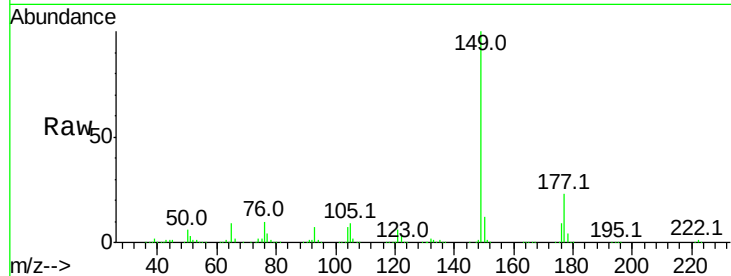
#59  
Diethylphthalate  
Concen: 40.737 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

Tot Ion:149 Resp: 1173736  
Ion Ratio Lower Upper  
149 100  
177 22.8 16.1 24.1  
150 12.3 10.1 15.1

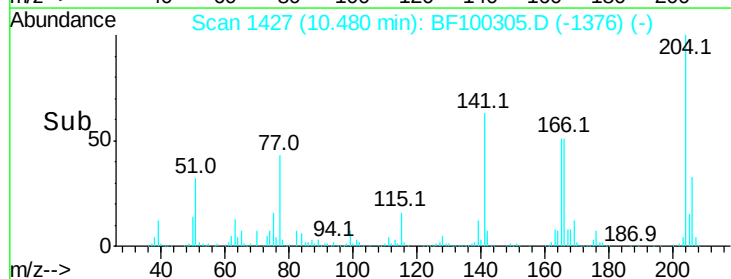
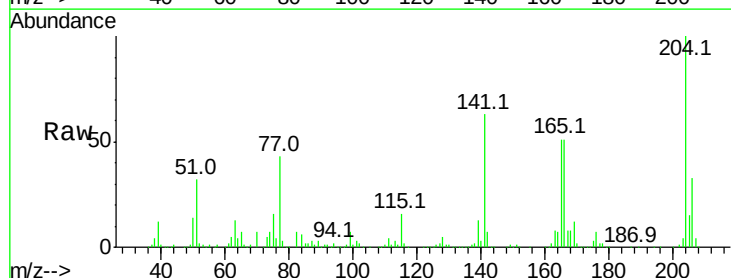
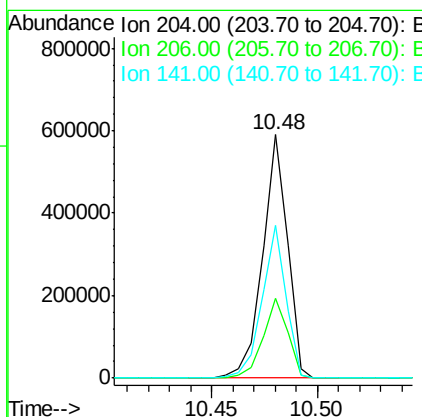
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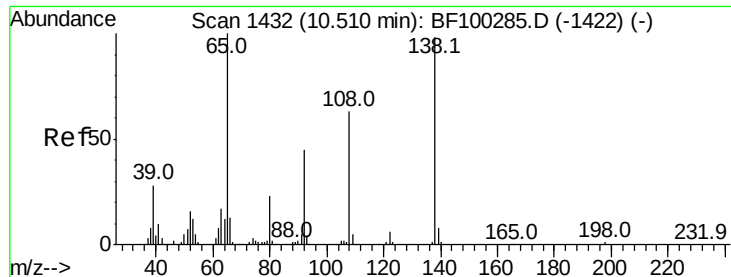
Sohil  
11/9/2017 3:41:48 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 40.312 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Tgt Ion:204 Resp: 484216  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.5 39.7  
141 62.7 54.6 81.8





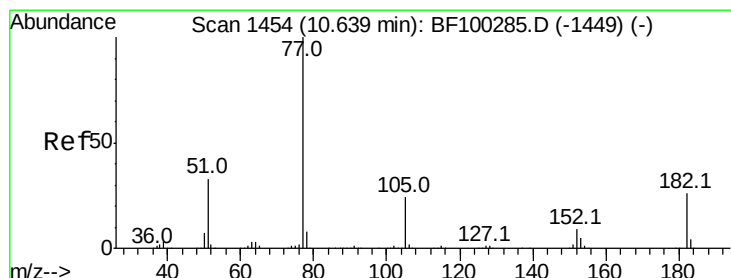
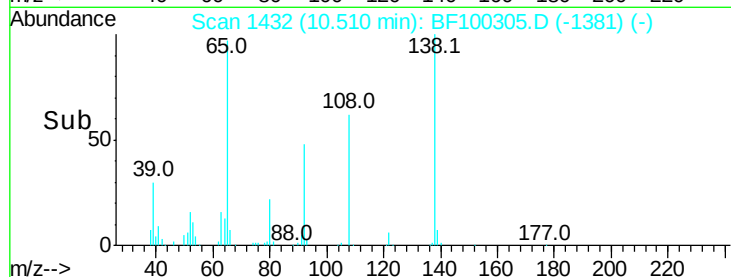
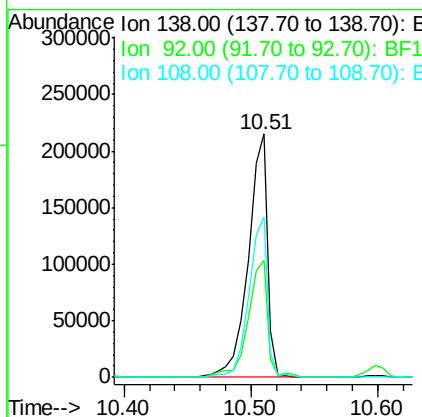
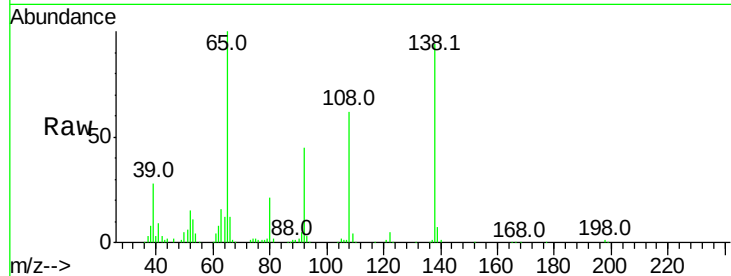
#61  
4-Nitroaniline  
Concen: 35.591 ng  
RT: 10.51 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.8  | 30.2  | 70.2  |
| 108     | 65.9  | 52.5  | 92.5  |

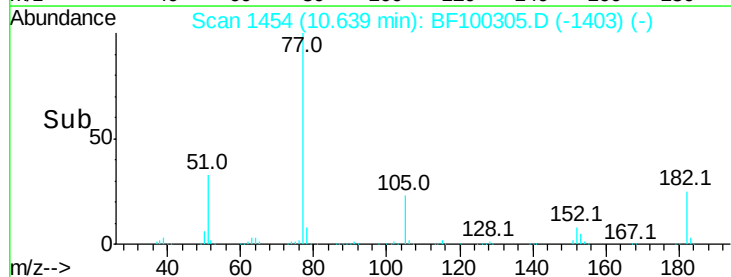
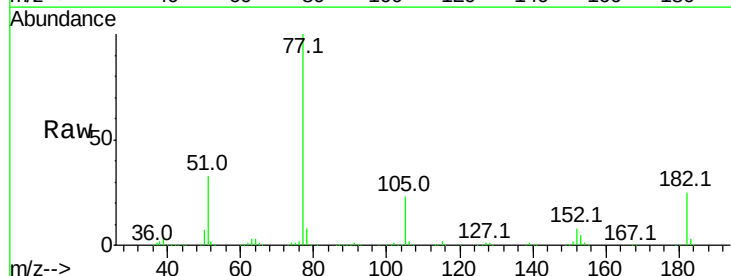
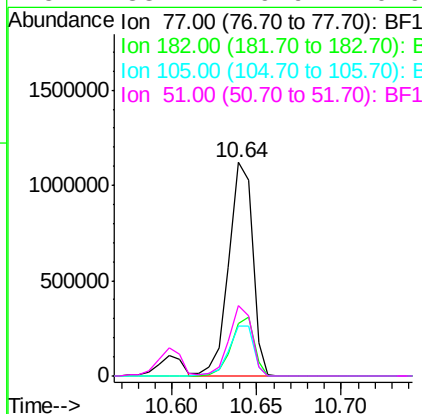
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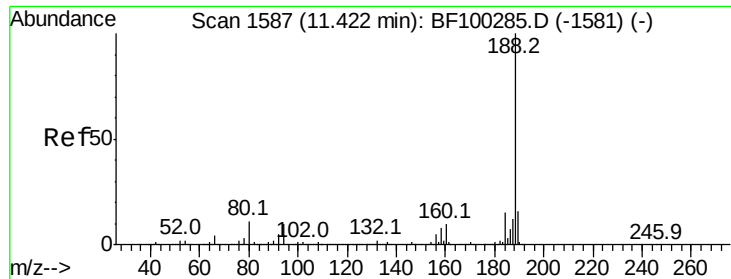
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11/9/2017 3:41:48 PM



#62  
Azobenzene  
Concen: 40.567 ng  
RT: 10.64 min Scan# 1454  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.7  | 1.7   | 41.7  |
| 105     | 23.3  | 3.0   | 43.0  |
| 51      | 33.1  | 9.9   | 49.9  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Instrument :

BNA\_F

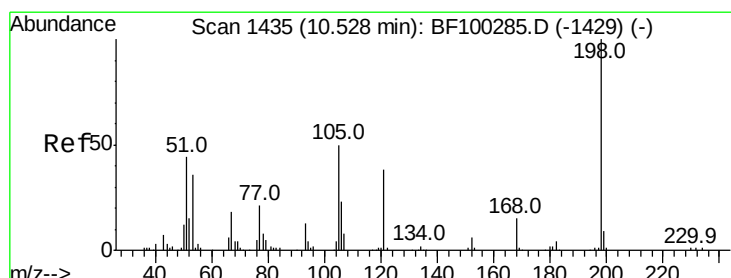
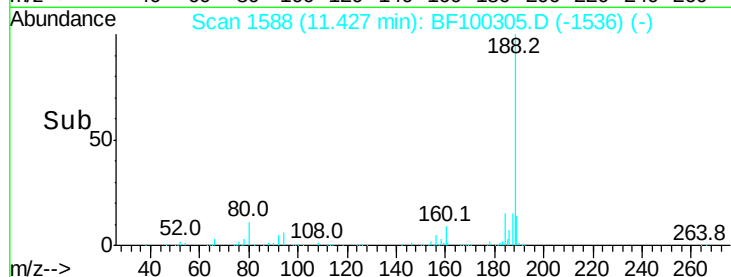
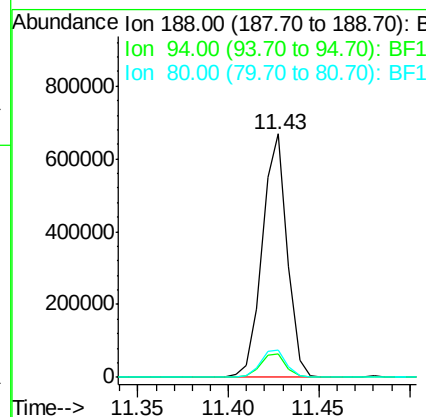
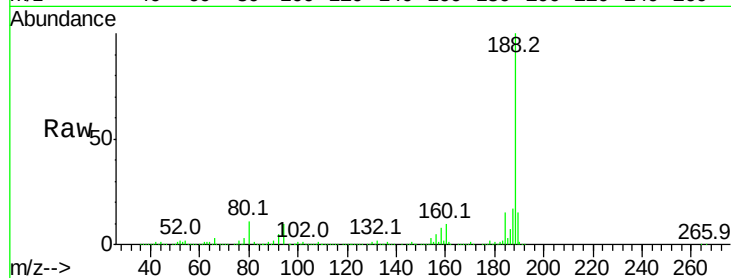
ClientSampleId :

OR-02-110617MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 636977 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.5   | 8.5   | 12.7   |
| 80        | 11.4  | 9.2   | 13.8   |

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.915 ng

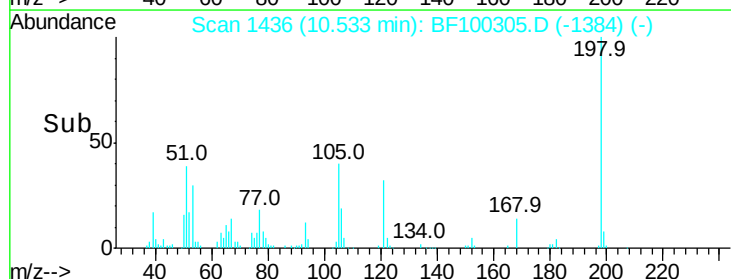
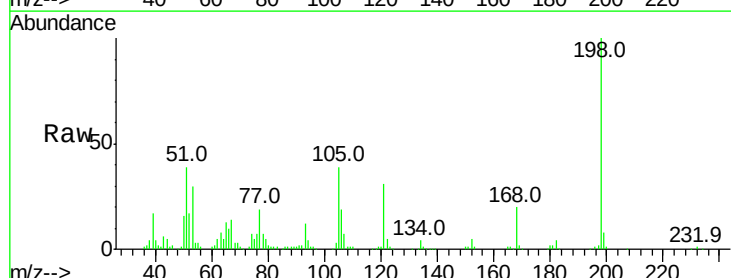
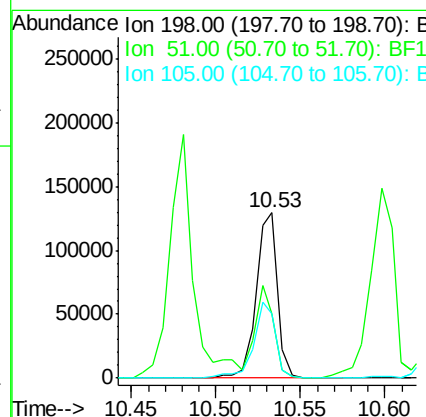
RT: 10.53 min Scan# 1436

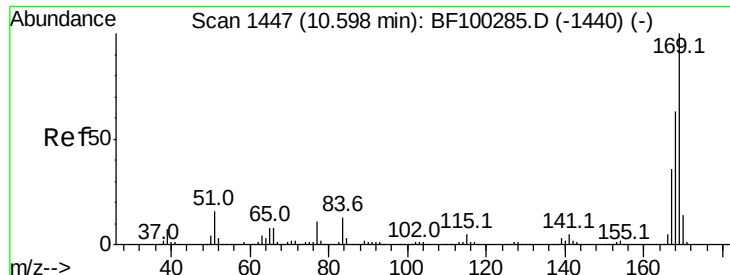
Delta R.T. 0.01 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 114892 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 39.4  | 37.7  | 77.7   |
| 105       | 39.1  | 36.3  | 76.3   |





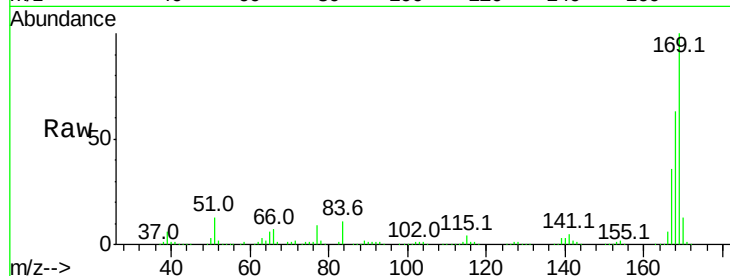
#65  
n-Nitrosodiphenylamine  
Concen: 44.052 ng  
RT: 10.60 min Scan# 1448  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

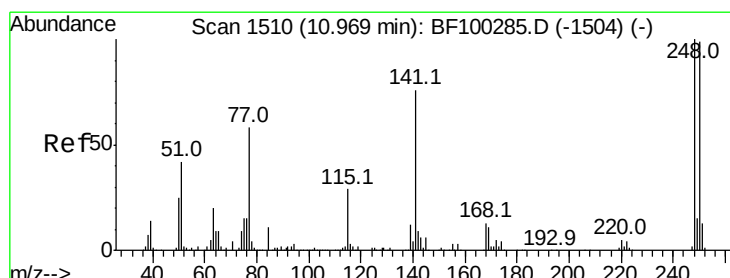
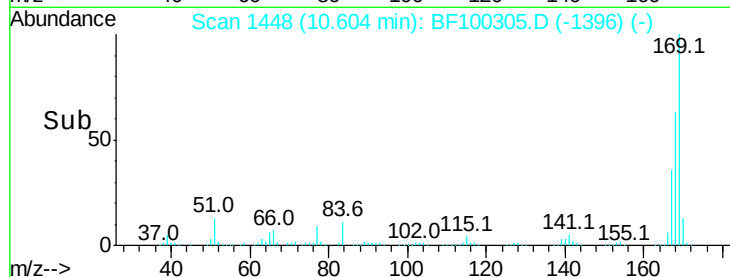
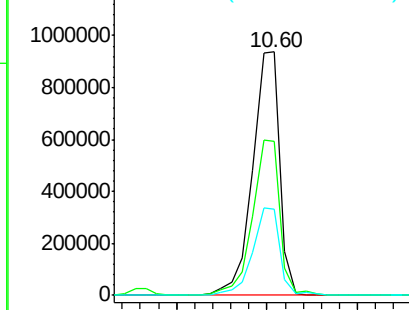
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 63.2  | 54.4  | 81.6  |
| 167     | 35.6  | 29.8  | 44.6  |

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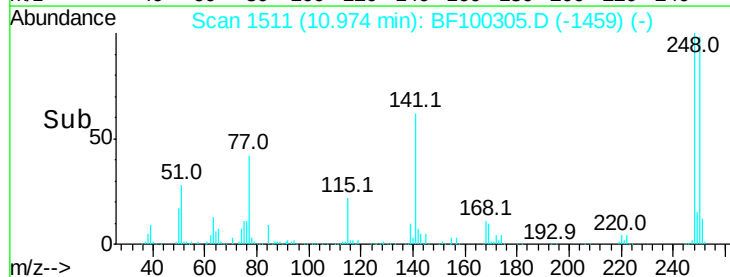
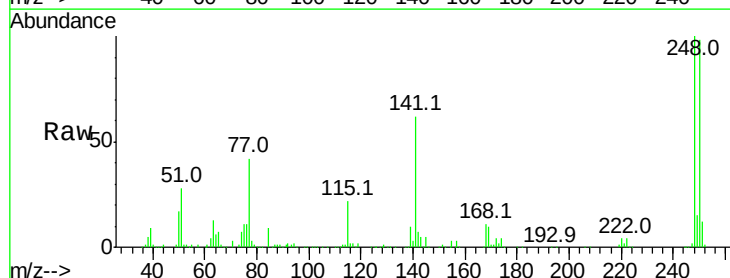
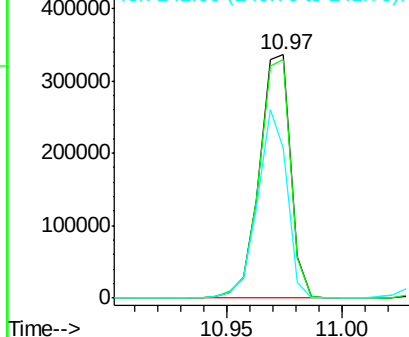
Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

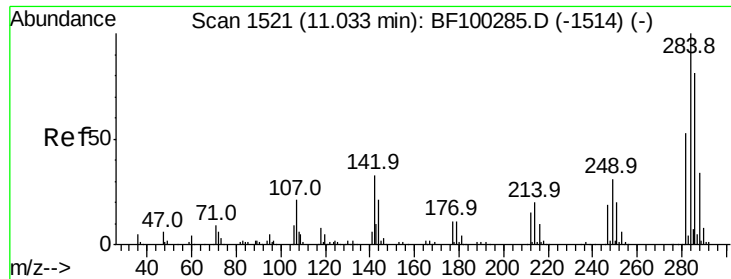


#66  
4-Bromophenyl-phenylether  
Concen: 46.538 ng  
RT: 10.97 min Scan# 1511  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 98.2  | 76.9  | 115.3  |
| 141     | 61.7  | 74.4  | 111.6# |

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





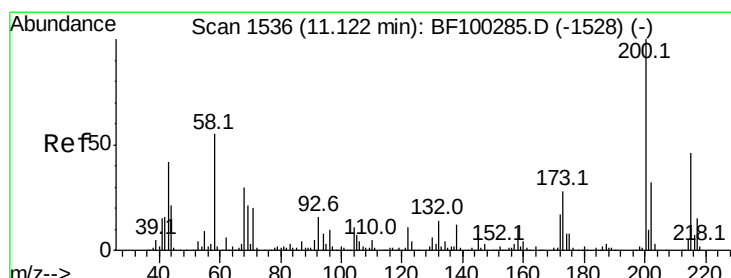
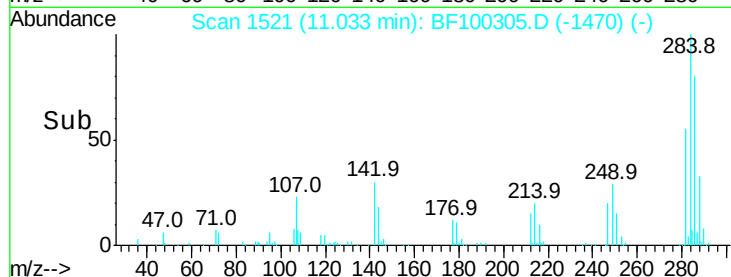
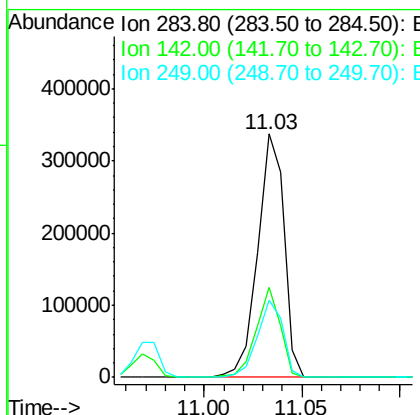
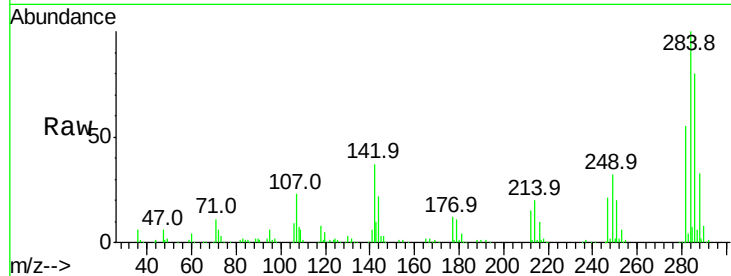
#67  
Hexachlorobenzene  
Concen: 44.185 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 37.0  | 34.6 | 52.0  |       |
| 249     | 31.9  | 24.8 | 37.2  |       |

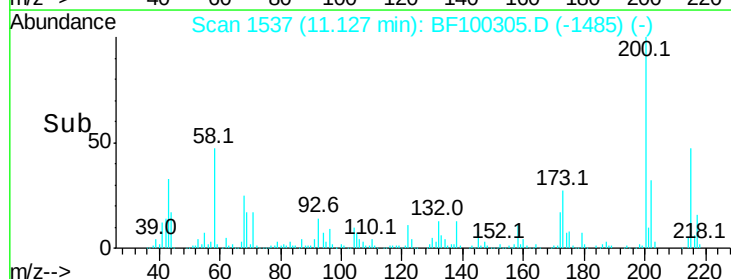
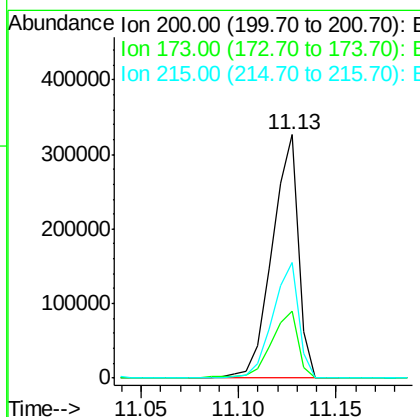
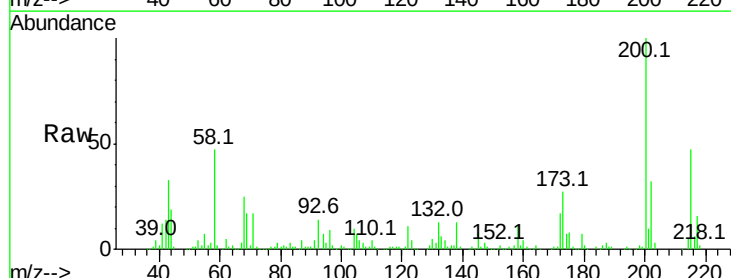
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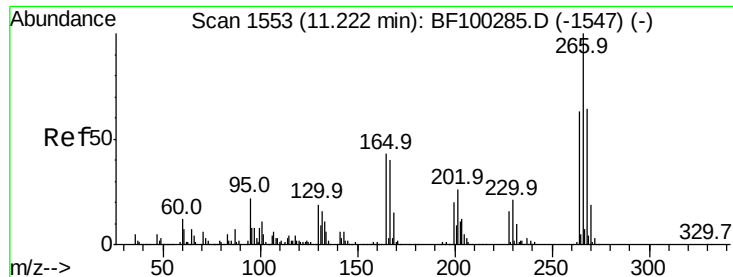
Sohil  
11/9/2017 3:41:48 PM



#68  
Atrazine  
Concen: 45.194 ng  
RT: 11.13 min Scan# 1537  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 27.3  | 8.6  | 48.6  |       |
| 215     | 47.5  | 25.1 | 65.1  |       |





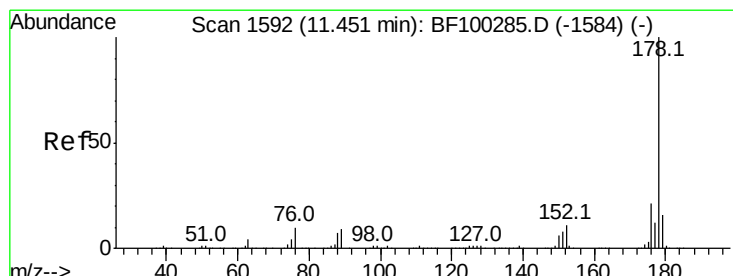
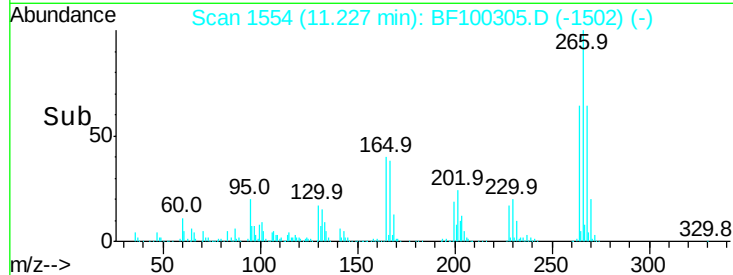
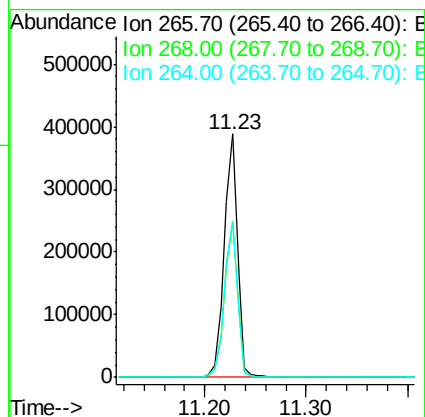
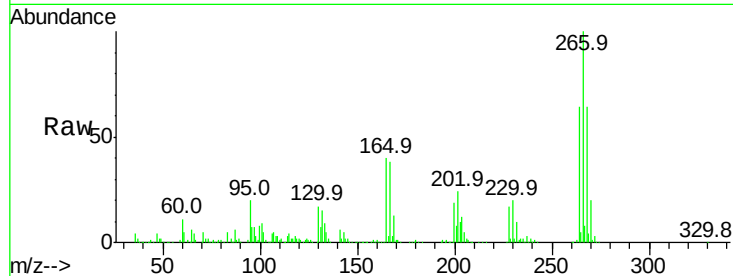
#69  
 Pentachlorophenol  
 Concen: 69.008 ng  
 RT: 11.23 min Scan# 1554  
 Delta R.T. 0.01 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 353384 |       |       |
| 268     | 64.0  |        | 51.1  | 76.7  |
| 264     | 64.2  |        | 49.5  | 74.3  |

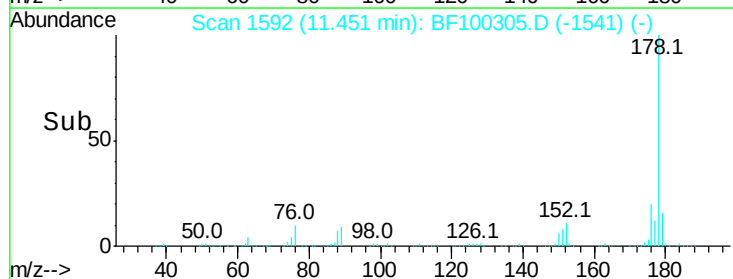
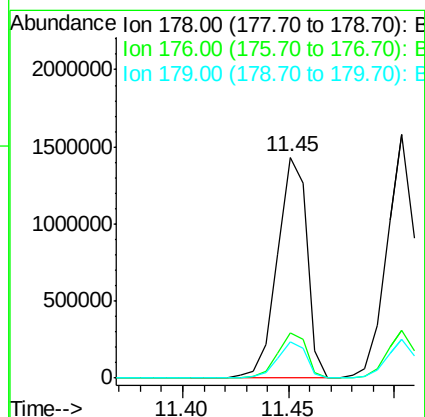
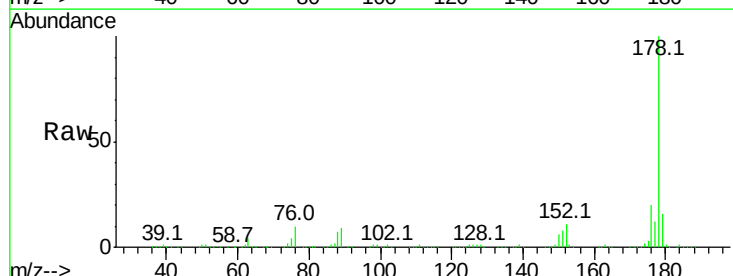
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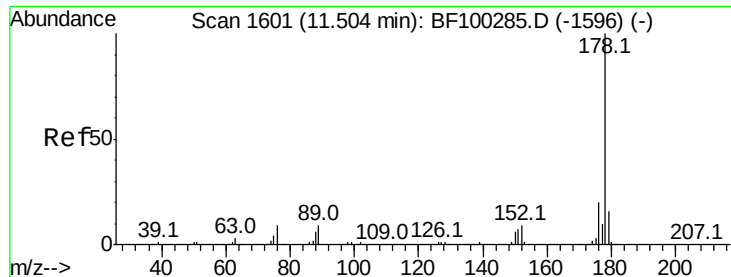
Sohil  
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#70  
 Phenanthrene  
 Concen: 41.714 ng  
 RT: 11.45 min Scan# 1592  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1399005 |       |       |
| 176     | 20.4  |         | 15.8  | 23.8  |
| 179     | 16.2  |         | 13.0  | 19.6  |





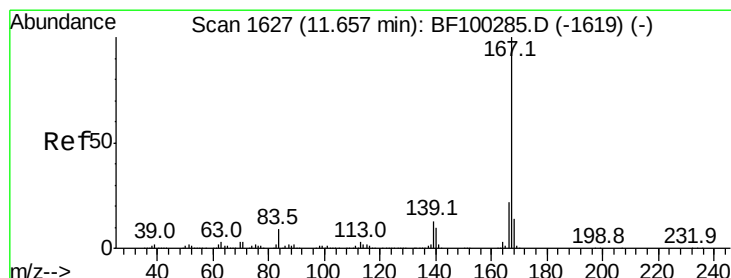
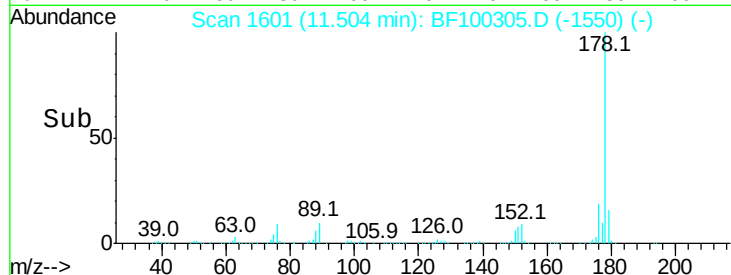
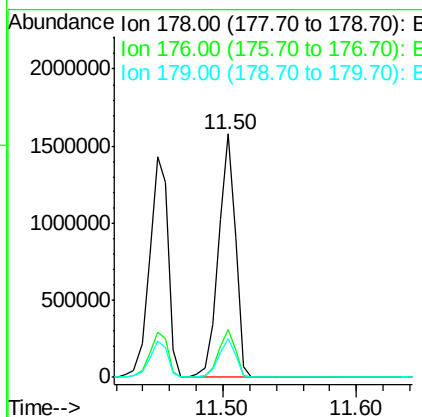
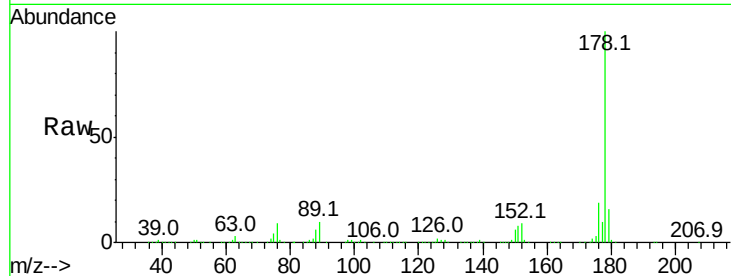
#71  
 Anthracene  
 Concen: 41.758 ng  
 RT: 11.50 min Scan# 1601  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

Tot Ion:178 Resp: 1420836  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.4 23.2  
 179 16.0 12.6 19.0

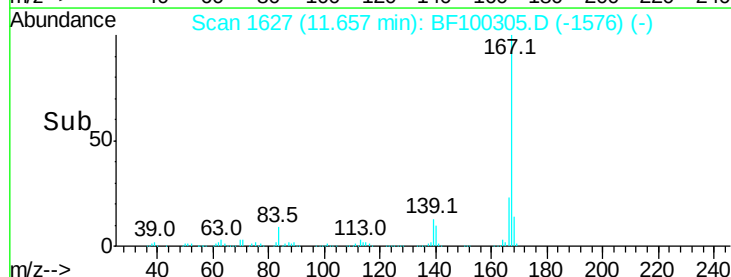
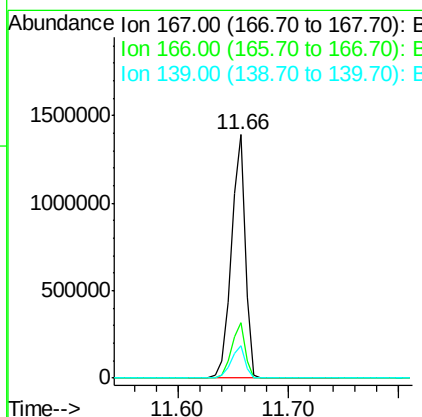
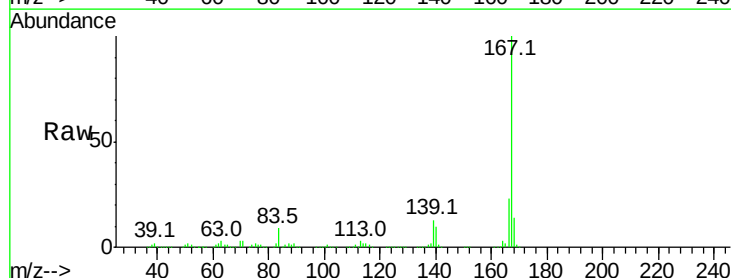
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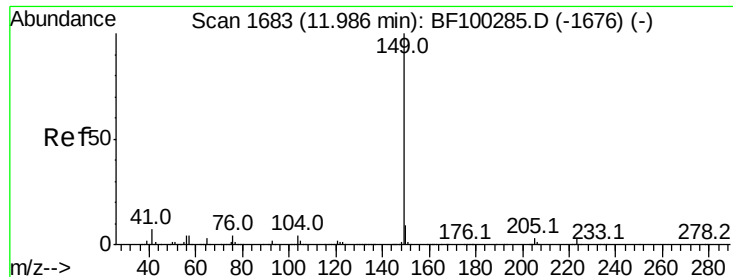


#72  
 Carbazole  
 Concen: 39.322 ng  
 RT: 11.66 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Tgt Ion:167 Resp: 1234553  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 17.6 26.4  
 139 13.3 10.9 16.3







#73

Di-n-butylphthalate

Concen: 44.876 ng

RT: 11.99 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Instrument :

BNA\_F

ClientSampleId :

OR-02-110617MSD

Tot Ion:149 Resp: 1648783

Ion Ratio Lower Upper

149 100

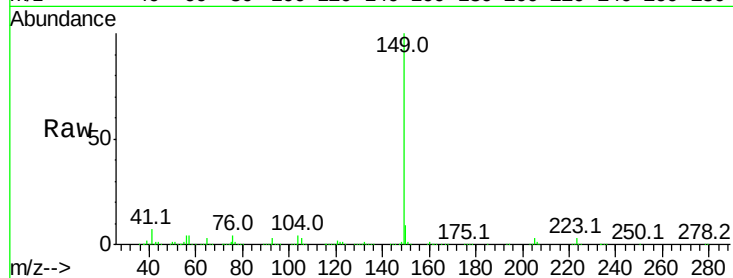
150 9.3 7.8 11.6

104 4.5 3.8 5.8

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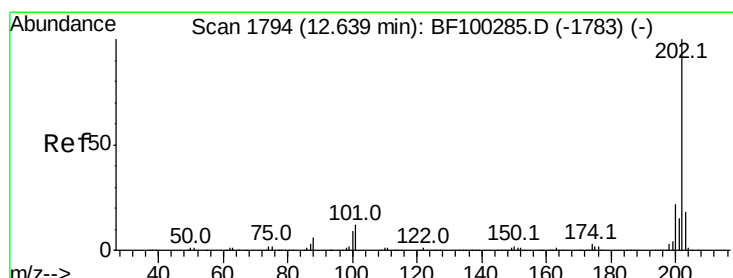
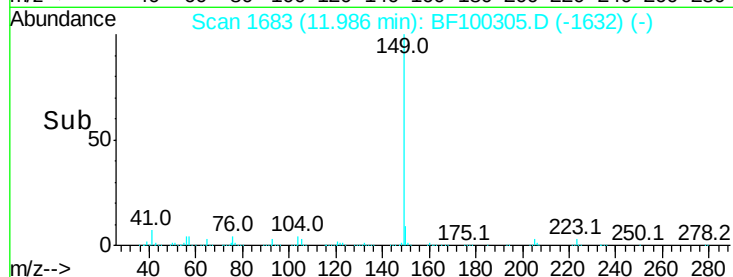
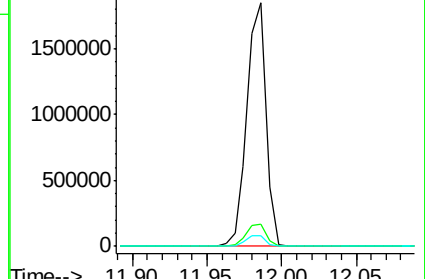
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.708 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

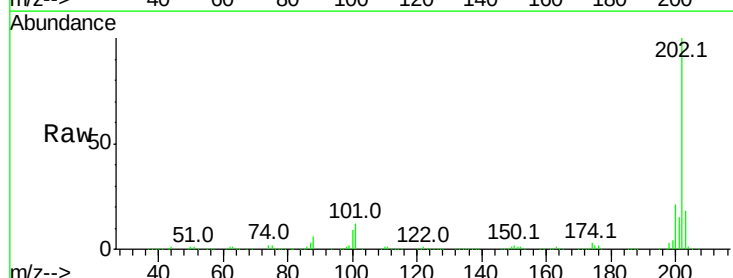
Tgt Ion:202 Resp: 1269176

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

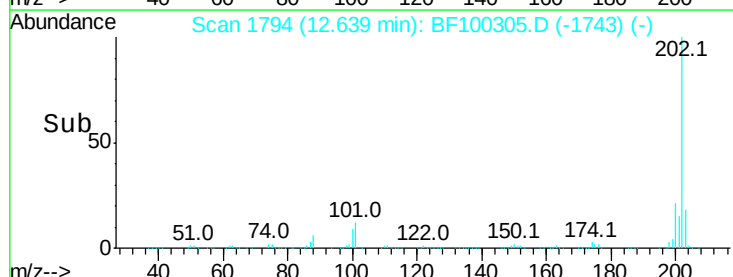
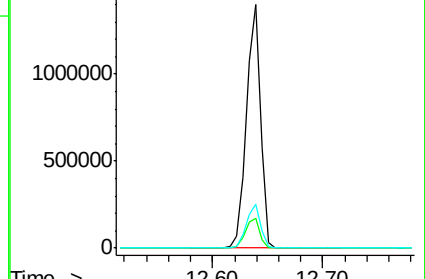
203 17.9 0.0 38.1

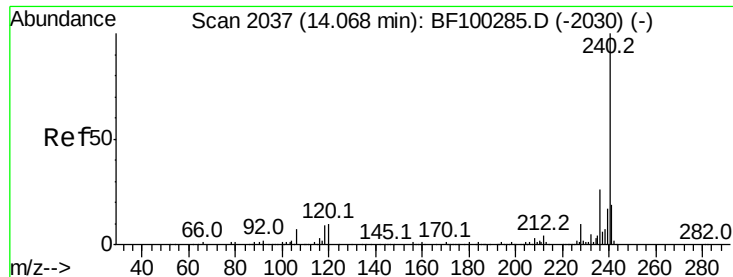


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

Instrument :

BNA\_F

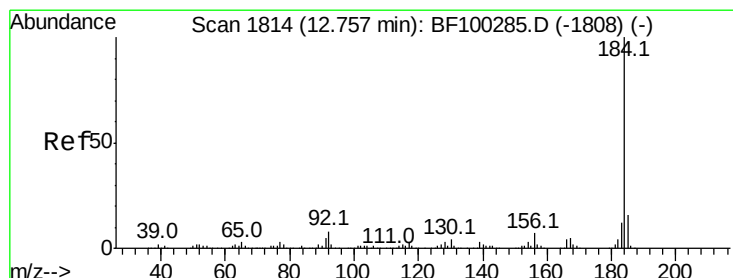
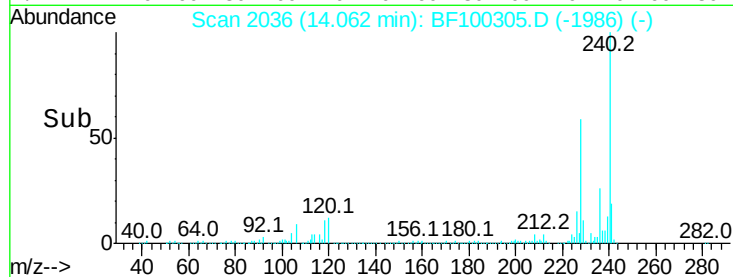
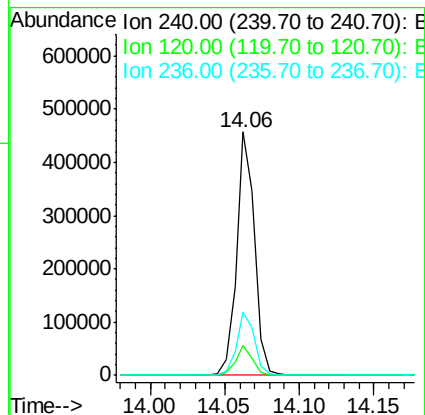
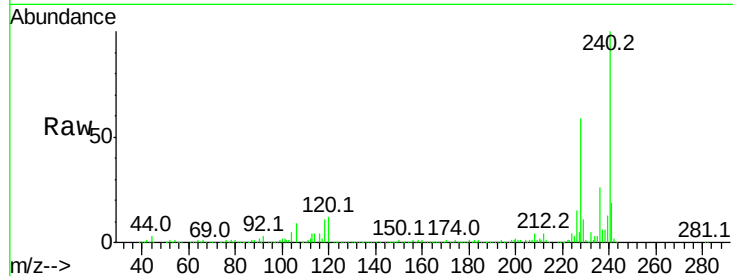
ClientSampleId :

OR-02-110617MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 382993 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 12.4  | 9.5   | 14.3   |
| 236       | 26.1  | 20.7  | 31.1   |

Manual Integrations  
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#76

Benzidine

Concen: 20.068 ng

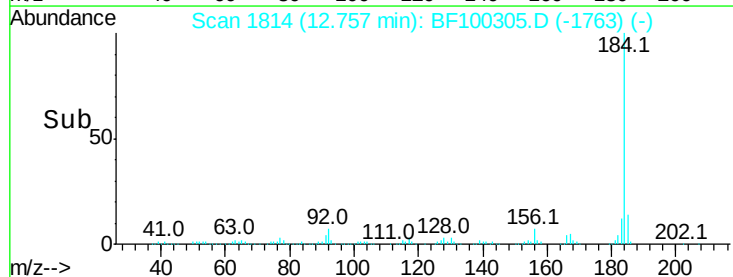
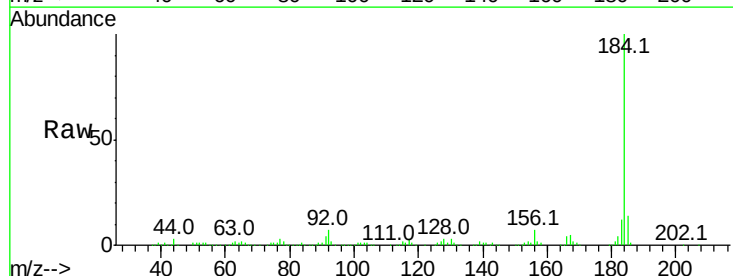
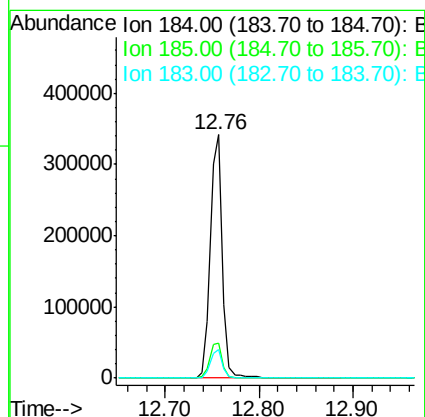
RT: 12.76 min Scan# 1814

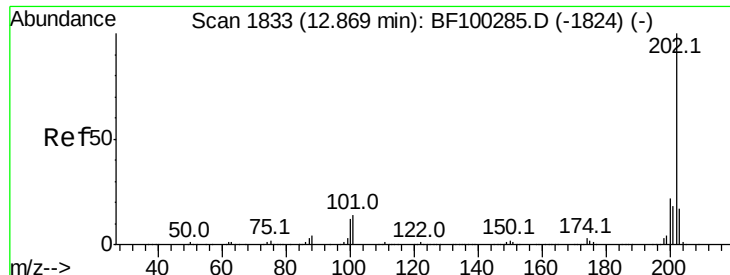
Delta R.T. -0.00 min

Lab File: BF100305.D

Acq: 8 Nov 2017 21:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 307811 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.3  | 12.6  | 18.8   |
| 183       | 12.0  | 9.3   | 13.9   |





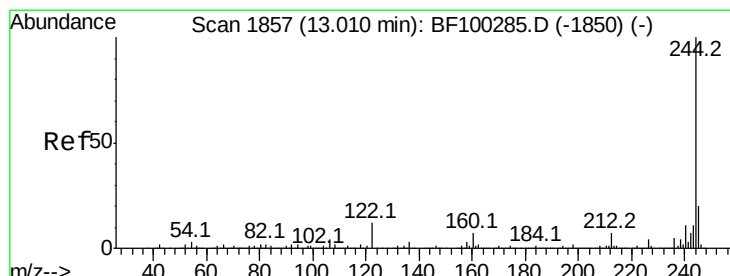
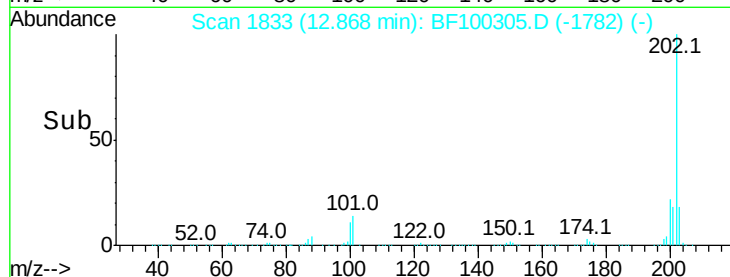
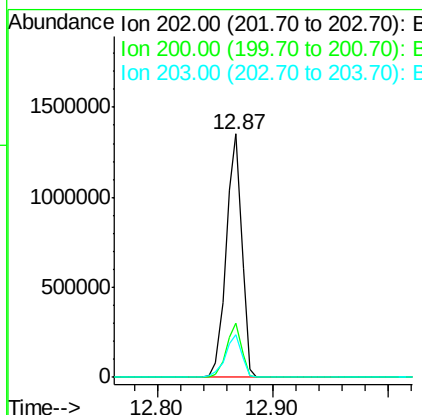
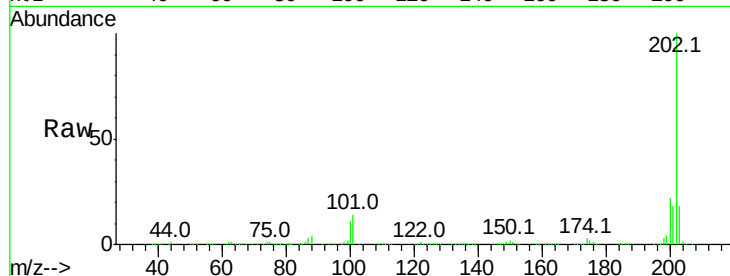
#77  
Pvrene  
Concen: 46.131 ng  
RT: 12.87 min Scan# 1833  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.4  | 17.4  | 26.2  |
| 203     | 17.8  | 14.3  | 21.5  |

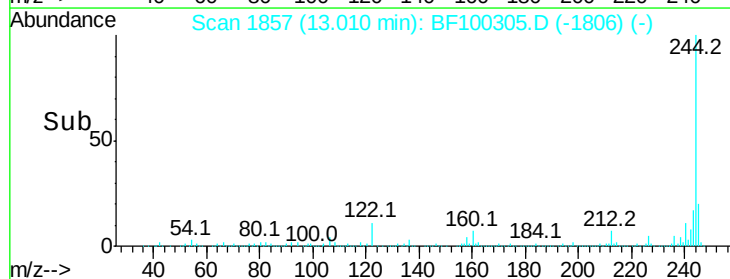
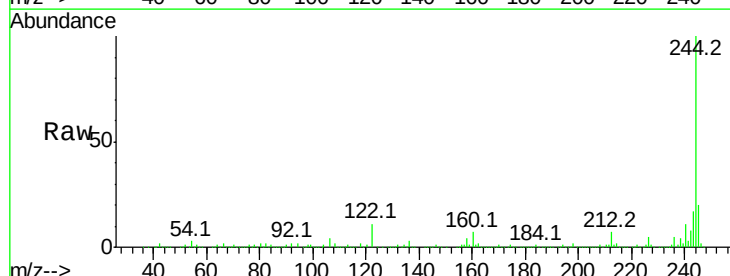
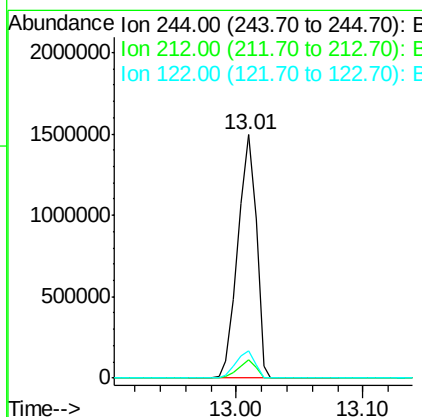
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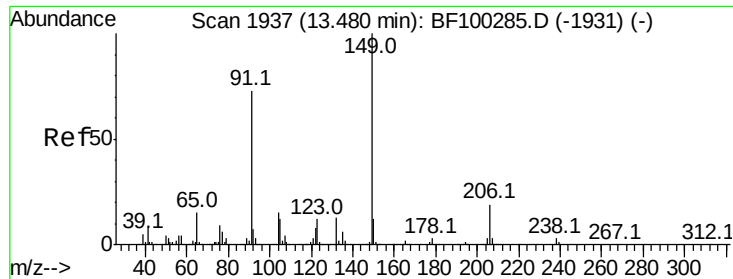
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#78  
Terphenyl-d14  
Concen: 89.700 ng  
RT: 13.01 min Scan# 1857  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.4   | 5.4   | 8.0   |
| 122     | 11.4  | 11.0  | 16.4  |





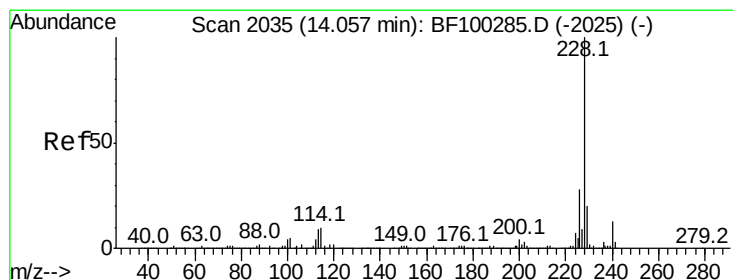
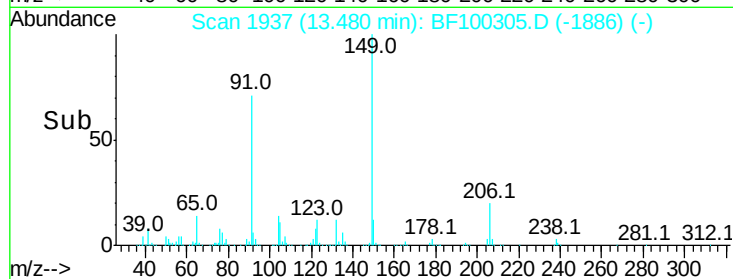
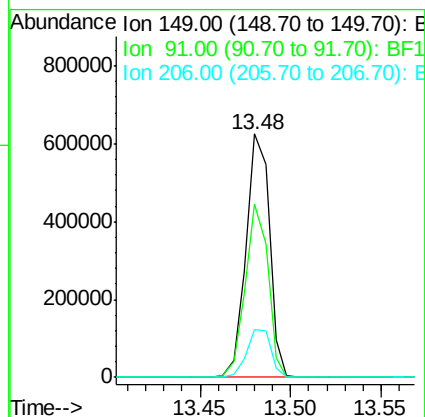
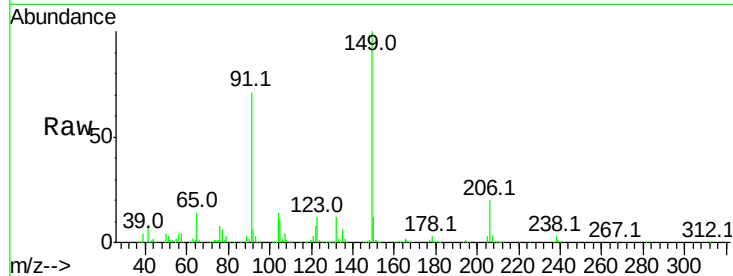
#79  
Butylbenzylphthalate  
Concen: 50.568 ng  
RT: 13.48 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.2  | 56.8  | 85.2  |
| 206     | 19.6  | 14.1  | 21.1  |

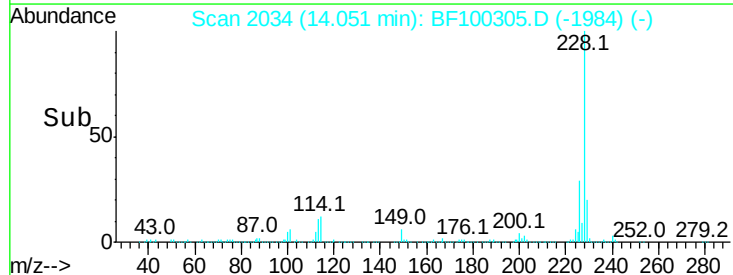
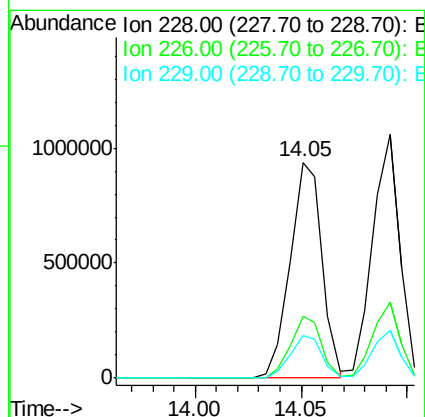
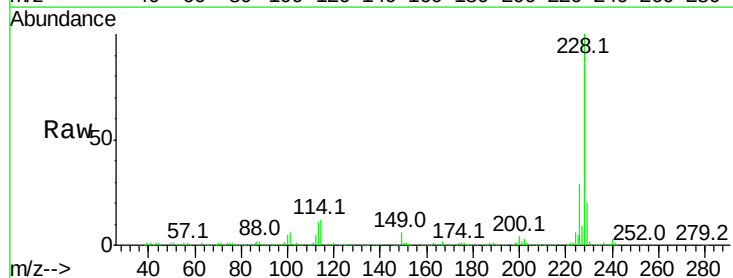
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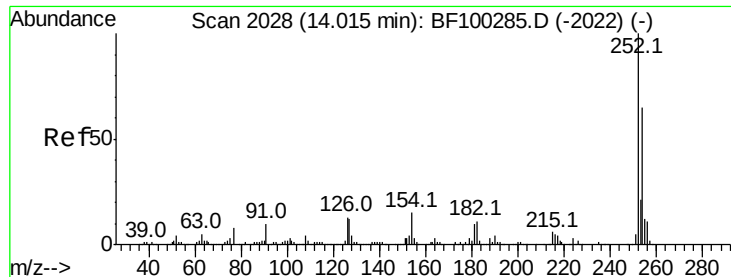
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#80  
Benzo(a)anthracene  
Concen: 42.642 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 22.6  | 33.8  |
| 229     | 19.7  | 15.8  | 23.6  |





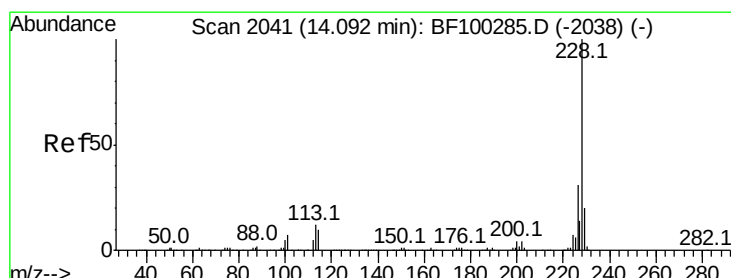
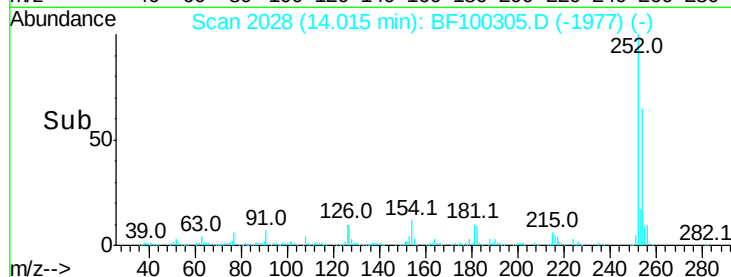
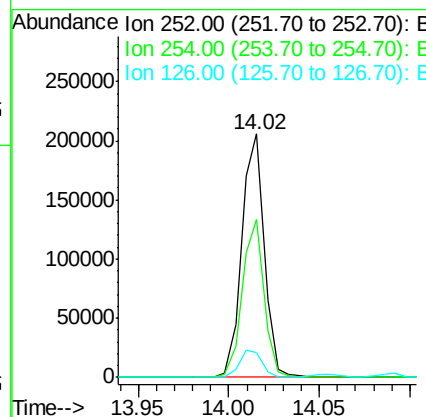
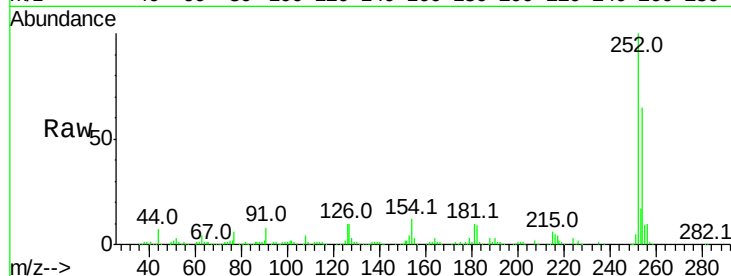
#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.474 ng  
 RT: 14.02 min Scan# 2028  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.8  | 50.4  | 75.6  |
| 126     | 10.1  | 11.3  | 16.9  |

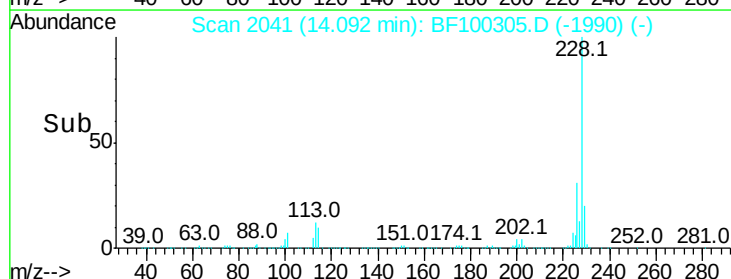
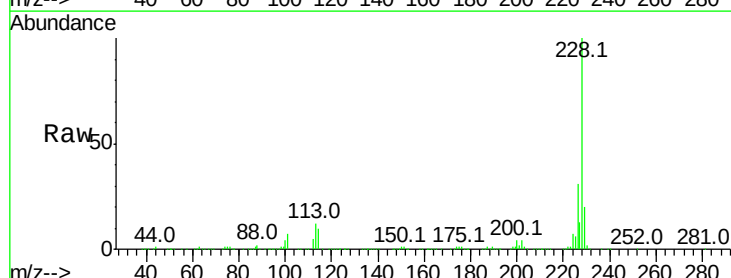
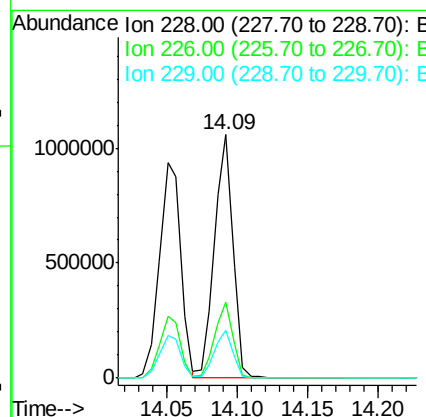
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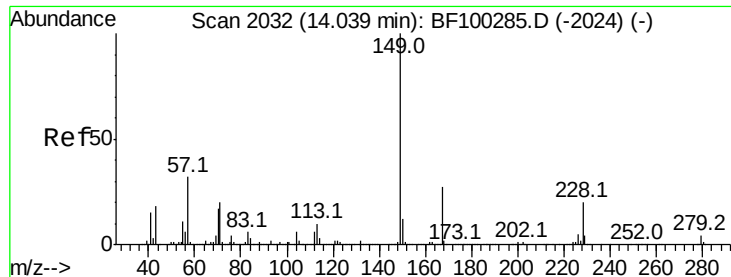
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#82  
 Chrysene  
 Concen: 43.157 ng  
 RT: 14.09 min Scan# 2041  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.1  | 25.0  | 37.6  |
| 229     | 19.8  | 16.2  | 24.4  |





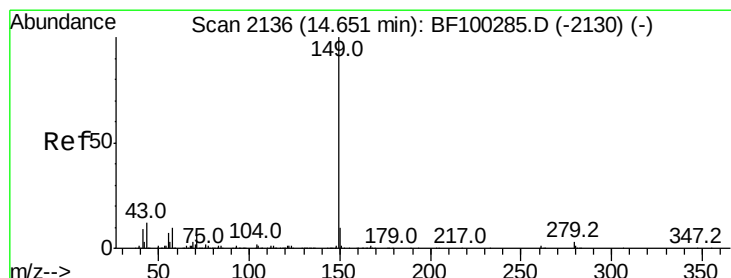
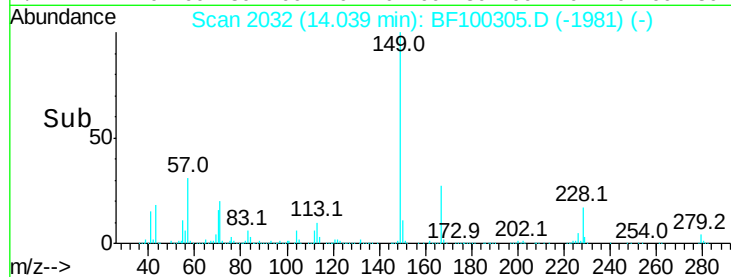
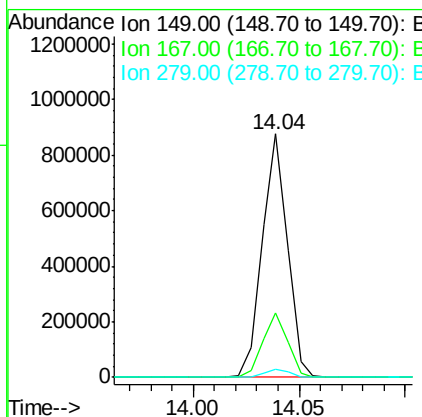
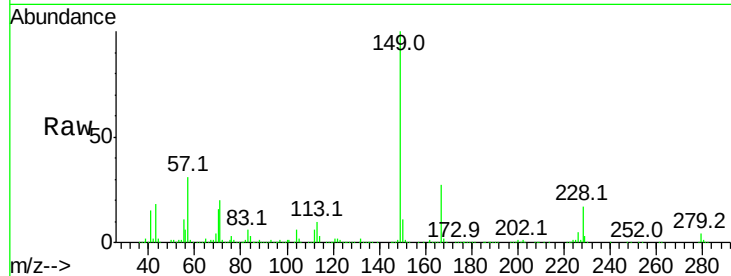
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.775 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.7  | 21.3  | 31.9  |
| 279     | 3.5   | 3.0   | 4.4   |

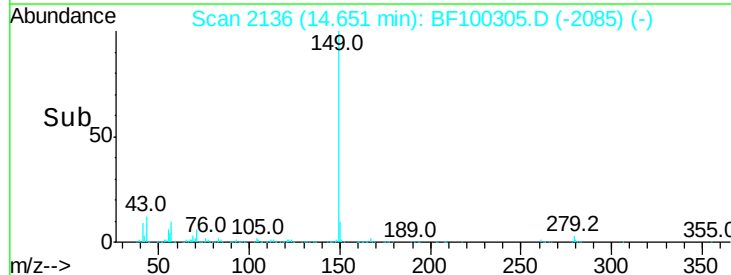
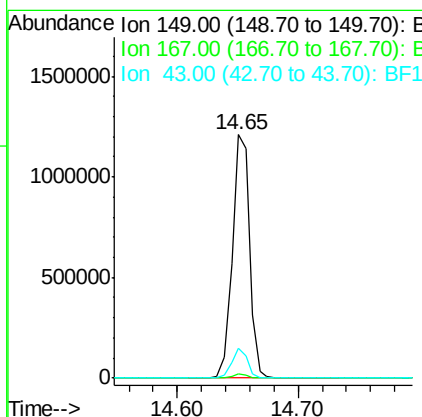
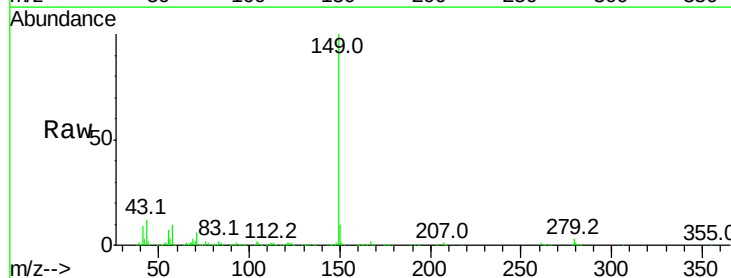
Manual Integrations  
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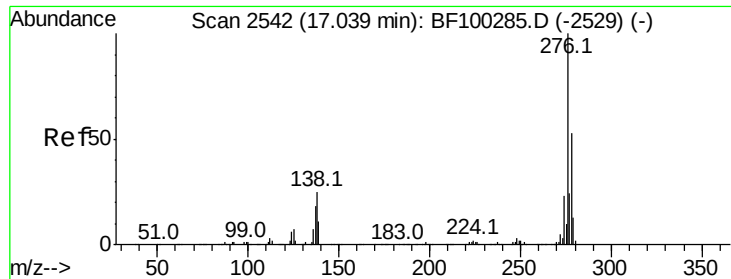
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 11/9/2017 3:41:48 PM



#84  
 Di-n-octyl phthalate  
 Concen: 47.784 ng  
 RT: 14.65 min Scan# 2136  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 11.2  | 8.4   | 12.6  |





#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 56.376 ng  
 RT: 17.04 min Scan# 2542  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

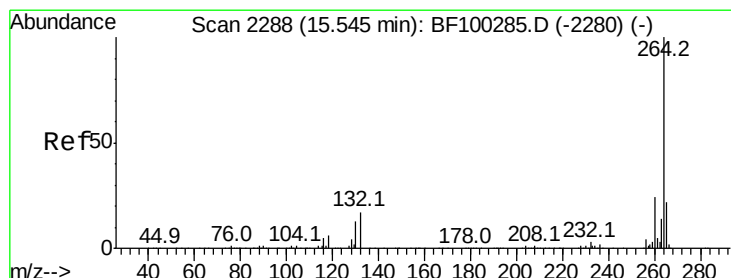
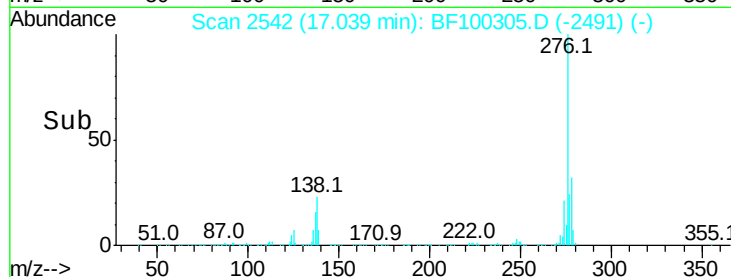
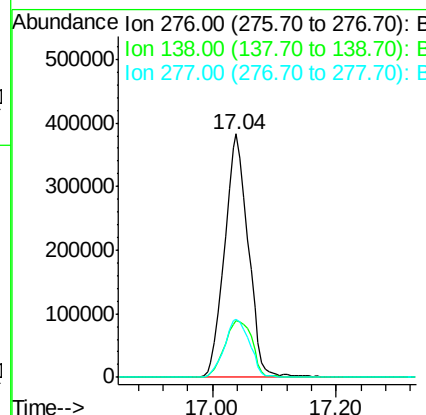
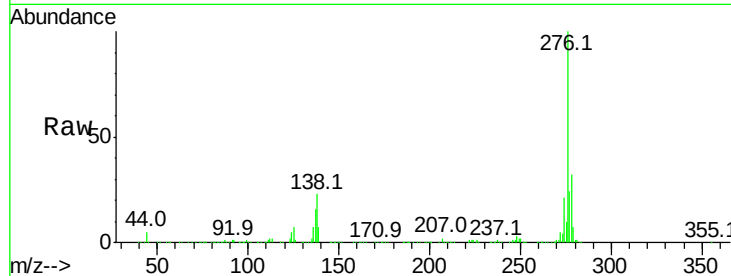
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

Tot Ion:276 Resp: 1018424  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 27.2  | 25.0  | 37.6  |
| 277 | 25.4  | 20.1  | 30.1  |

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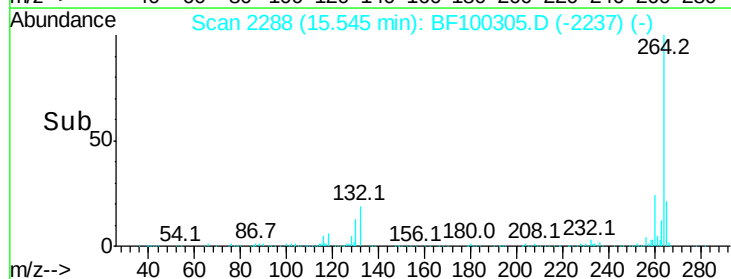
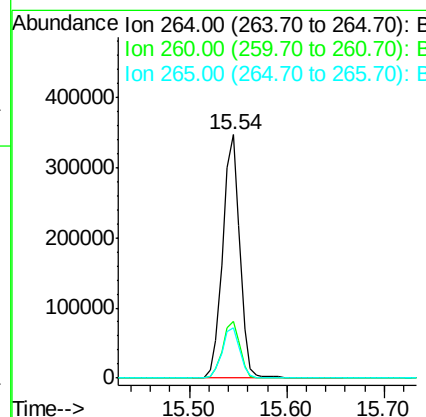
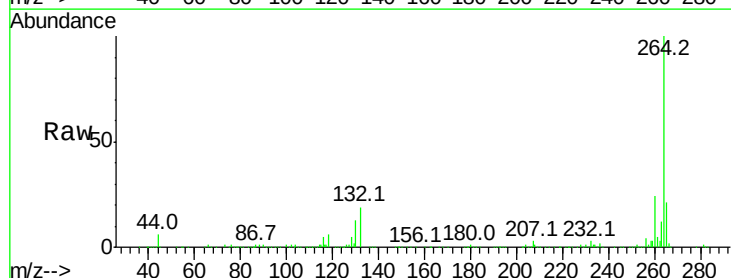
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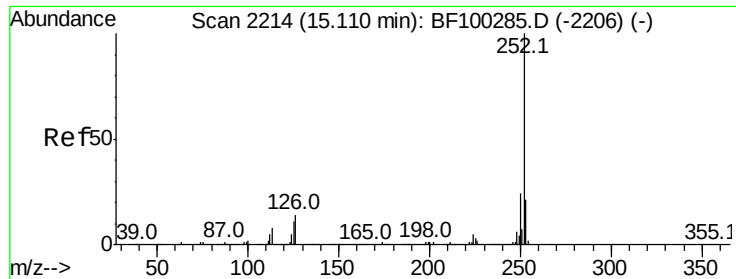


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.54 min Scan# 2288  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Tgt Ion:264 Resp: 422072  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.2  | 28.8  |
| 265 | 20.9  | 17.5  | 26.3  |





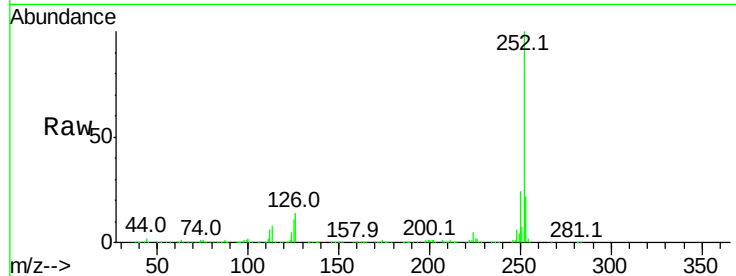
#87  
Benzo(b)fluoranthene  
Concen: 42.978 ng  
RT: 15.11 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.0  | 25.6  |
| 125     | 11.3  | 9.0   | 13.6  |

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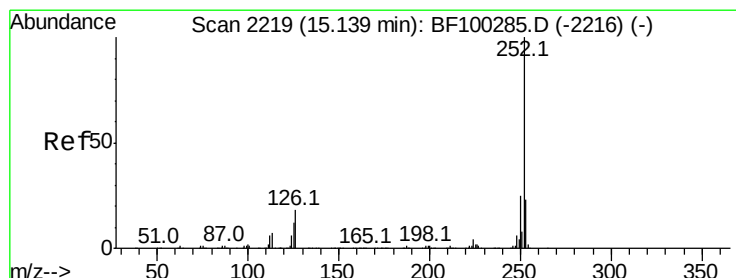
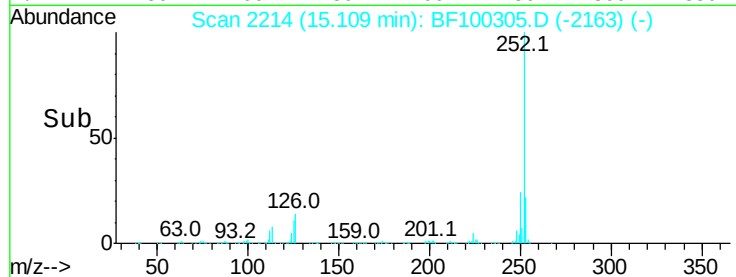
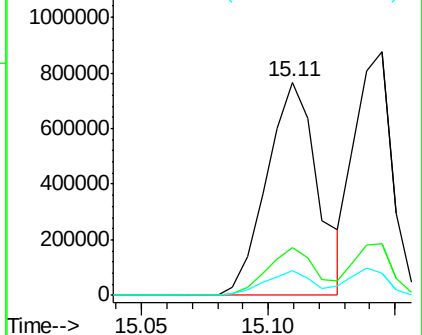


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88  
Benzo(k)fluoranthene  
Concen: 38.695 ng m  
RT: 15.14 min Scan# 2220  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

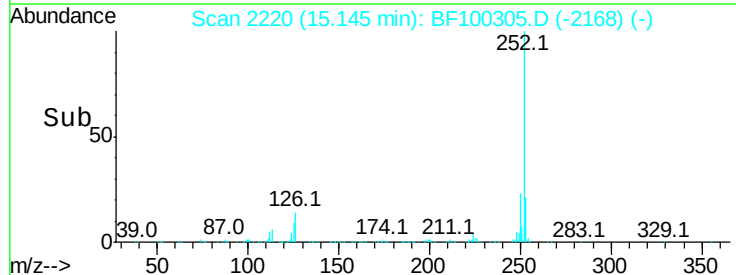
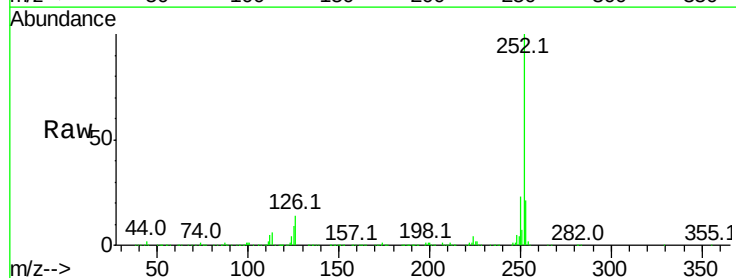
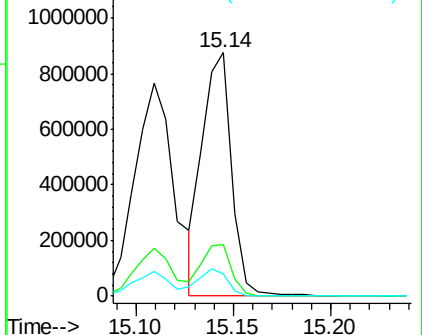
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 17.9  | 26.9  |
| 125     | 9.3   | 10.2  | 15.2# |

Abundance

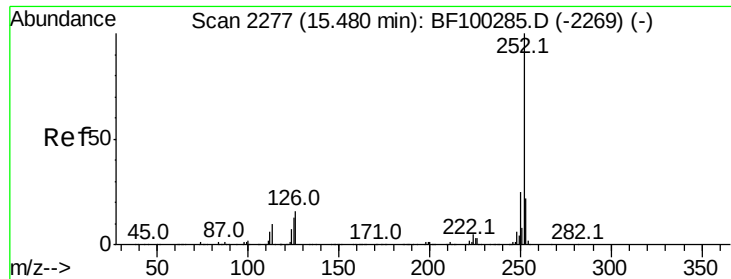
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







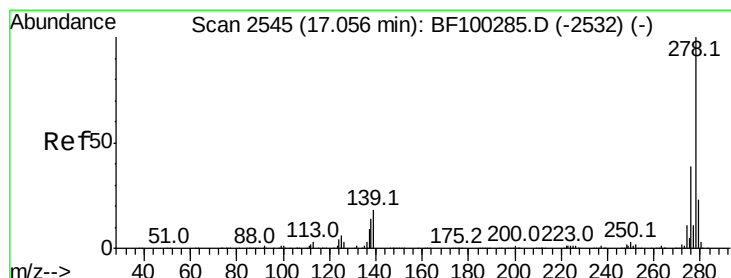
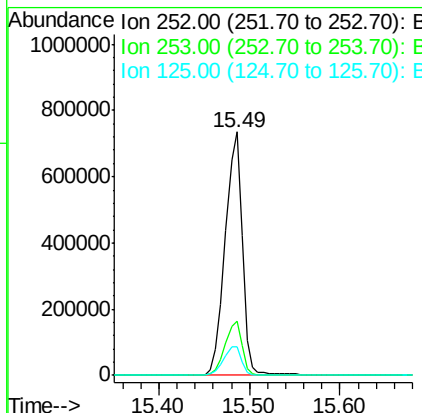
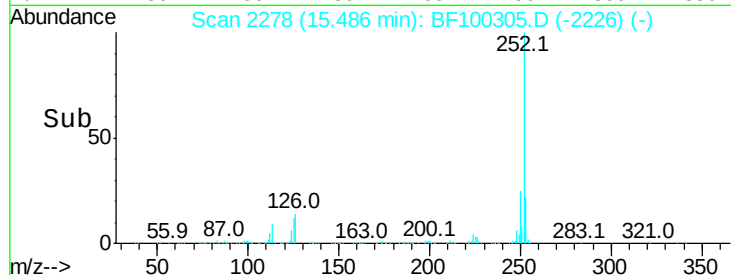
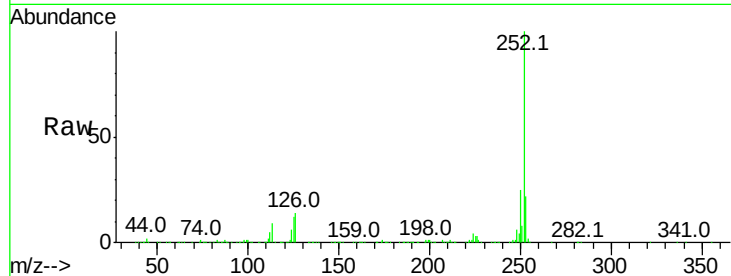
#89  
Benzo(a)pyrene  
Concen: 43.495 ng  
RT: 15.49 min Scan# 2278  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-110617MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.1  | 25.7  |
| 125     | 11.6  | 9.8   | 14.6  |

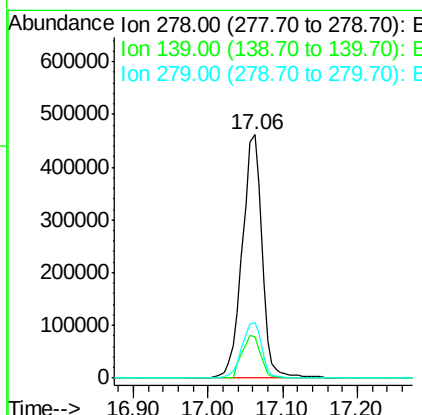
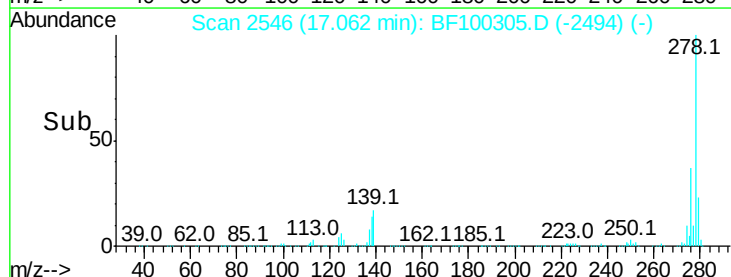
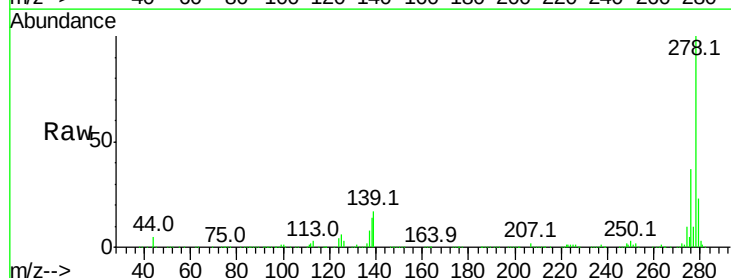
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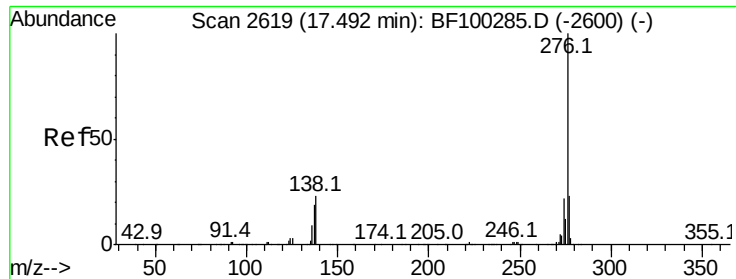
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#90  
Dibenzo(a,h)anthracene  
Concen: 47.072 ng  
RT: 17.06 min Scan# 2546  
Delta R.T. 0.01 min  
Lab File: BF100305.D  
Acq: 8 Nov 2017 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.8  | 15.9  | 23.9  |
| 279     | 22.8  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 46.291 ng  
 RT: 17.49 min Scan# 2619  
 Delta R.T. -0.00 min  
 Lab File: BF100305.D  
 Acq: 8 Nov 2017 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-110617MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 821510 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.7 | 17.9  | 26.9   |
| 138       | 24.7 | 21.8  | 32.8   |

Manual Integrations  
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