

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\  
 Data File : BF100789.D  
 Acq On : 21 Nov 2017 19:13  
 Operator : SJ/JU  
 Sample : I6499-02MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

Manual Integrations  
 APPROVED

Sohil  
 11/22/2017 5:04:21 PM

Quant Time: Nov 22 06:31:54 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 15:22:08 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 88253    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 345082   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.91  | 164  | 153097   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.40 | 188  | 266464   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.04 | 240  | 163912   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.51 | 264  | 204367   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.50  | 112 | 704718  | 128.00 | ng | 0.01 |
| 7) Phenol-d6                | 6.51  | 99  | 855591  | 126.03 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.45  | 82  | 532254  | 101.97 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.70 | 330 | 203868  | 130.68 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.23  | 172 | 1033862 | 102.83 | ng | 0.00 |
| 78) Terphenyl-d14           | 12.98 | 244 | 732080  | 102.62 | ng | 0.00 |

|                                |      |     |        |           |        |
|--------------------------------|------|-----|--------|-----------|--------|
| Target Compounds               |      |     |        |           | Qvalue |
| 2) 1,4-Dioxane                 | 2.72 | 88  | 83835  | 31.246 ng | 96     |
| 3) Pyridine                    | 3.49 | 79  | 236716 | 32.339 ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.45 | 42  | 118422 | 33.321 ng | 96     |
| 6) Aniline                     | 6.55 | 93  | 136064 | 14.186 ng | 98     |
| 8) 2-Chlorophenol              | 6.66 | 128 | 242640 | 41.660 ng | 98     |
| 9) Benzaldehyde                | 6.42 | 77  | 88340  | 18.221 ng | 98     |
| 10) Phenol                     | 6.52 | 94  | 332450 | 46.646 ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93  | 227902 | 38.070 ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146 | 279480 | 41.620 ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.89 | 146 | 283456 | 41.707 ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146 | 263621 | 41.952 ng | 98     |
| 15) Benzyl Alcohol             | 7.02 | 79  | 206986 | 39.065 ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45  | 392514 | 40.995 ng | 98     |
| 17) 2-Methylphenol             | 7.13 | 107 | 205597 | 41.307 ng | 98     |
| 18) Hexachloroethane           | 7.39 | 117 | 91065  | 40.638 ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70  | 168252 | 35.736 ng | 99     |
| 20) 3+4-Methylphenols          | 7.28 | 107 | 249836 | 39.667 ng | # 75   |
| 22) Acetophenone               | 7.29 | 105 | 326846 | 38.842 ng | # 97   |
| 24) Nitrobenzene               | 7.46 | 77  | 247365 | 46.045 ng | 93     |
| 25) Isophorone                 | 7.70 | 82  | 446053 | 40.667 ng | 98     |
| 26) 2-Nitrophenol              | 7.77 | 139 | 133292 | 52.367 ng | 89     |
| 27) 2,4-Dimethylphenol         | 7.81 | 122 | 223617 | 45.479 ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 288296 | 40.183 ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 212008 | 45.166 ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 225709 | 44.453 ng | 96     |
| 31) Naphthalene                | 8.18 | 128 | 704389 | 42.379 ng | 100    |
| 32) Benzoic acid               | 7.89 | 122 | 26367  | 15.006 ng | 93     |
| 33) 4-Chloroaniline            | 8.22 | 127 | 41382  | 5.981 ng  | 95     |
| 34) Hexachlorobutadiene        | 8.29 | 225 | 130120 | 43.102 ng | 99     |
| 35) Caprolactam                | 8.60 | 113 | 64191m | 39.849 ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.71 | 107 | 210858 | 41.826 ng | 100    |
| 37) 2-Methylnaphthalene        | 8.87 | 142 | 476333 | 43.167 ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 222014 | 43.725 ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 9.02 | 237 | 72683  | 30.415 ng | 98     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 15:22:08 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.15  | 196  | 154557   | 48.029 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.19  | 196  | 152518   | 45.745 | nq    | # 90     |
| 45) 1,1'-Biphenyl              | 9.33  | 154  | 561117   | 42.376 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.36  | 162  | 433499   | 45.128 | nq    | 95       |
| 47) 2-Nitroaniline             | 9.46  | 65   | 125054   | 44.286 | nq    | 97       |
| 48) Acenaphthylene             | 9.77  | 152  | 663228   | 41.661 | nq    | 100      |
| 49) Dimethylphthalate          | 9.63  | 163  | 593976   | 50.814 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.70  | 165  | 110052   | 47.563 | nq    | 92       |
| 51) Acenaphthene               | 9.95  | 154  | 396020   | 40.903 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.86  | 138  | 51432    | 18.824 | nq    | 97       |
| 53) 2,4-Dinitrophenol          | 9.97  | 184  | 23010    | 34.224 | nq    | # 19     |
| 54) Dibenzofuran               | 10.12 | 168  | 577774   | 42.578 | nq    | 97       |
| 55) 4-Nitrophenol              | 10.03 | 139  | 150682   | 67.919 | nq    | 93       |
| 56) 2,4-Dinitrotoluene         | 10.10 | 165  | 143179   | 49.052 | nq    | # 86     |
| 57) Fluorene                   | 10.46 | 166  | 439419   | 44.203 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 117696   | 43.072 | nq    | # 85     |
| 59) Diethylphthalate           | 10.33 | 149  | 480150   | 41.047 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204  | 215936   | 44.280 | nq    | 92       |
| 61) 4-Nitroaniline             | 10.48 | 138  | 94689    | 36.549 | nq    | 86       |
| 62) Azobenzene                 | 10.61 | 77   | 417267   | 37.874 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.51 | 198  | 25713    | 24.269 | nq    | 75       |
| 65) n-Nitrosodiphenylamine     | 10.57 | 169  | 414353   | 44.721 | nq    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.94 | 248  | 135388   | 47.397 | nq    | # 89     |
| 67) Hexachlorobenzene          | 11.01 | 284  | 134011   | 44.857 | nq    | # 86     |
| 68) Atrazine                   | 11.10 | 200  | 126779   | 45.204 | nq    | 96       |
| 69) Pentachlorophenol          | 11.20 | 266  | 122586   | 57.224 | nq    | 98       |
| 70) Phenanthrene               | 11.43 | 178  | 724026   | 51.607 | nq    | 98       |
| 71) Anthracene                 | 11.47 | 178  | 634778   | 44.596 | nq    | 99       |
| 72) Carbazole                  | 11.63 | 167  | 516314   | 39.312 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 695488   | 45.251 | nq    | 99       |
| 74) Fluoranthene               | 12.61 | 202  | 713508   | 47.987 | nq    | 98       |
| 76) Benzidine                  | 12.73 | 184  | 199574   | 30.403 | nq    | 97       |
| 77) Pyrene                     | 12.85 | 202  | 679971   | 58.195 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.45 | 149  | 213437   | 44.792 | nq    | 93       |
| 80) Benzo(a)anthracene         | 14.03 | 228  | 546691   | 55.385 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 123105   | 34.809 | nq    | # 98     |
| 82) Chrysene                   | 14.06 | 228  | 508978   | 53.249 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 288340   | 46.008 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.62 | 149  | 499276   | 46.373 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.00 | 276  | 538366   | 69.634 | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 15.08 | 252  | 638322   | 52.721 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.11 | 252  | 463713   | 40.534 | nq    | 98       |
| 89) Benzo(a)pyrene             | 15.46 | 252  | 554036   | 51.616 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.02 | 278  | 409727   | 46.675 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.45 | 276  | 423208   | 49.251 | nq    | 94       |

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

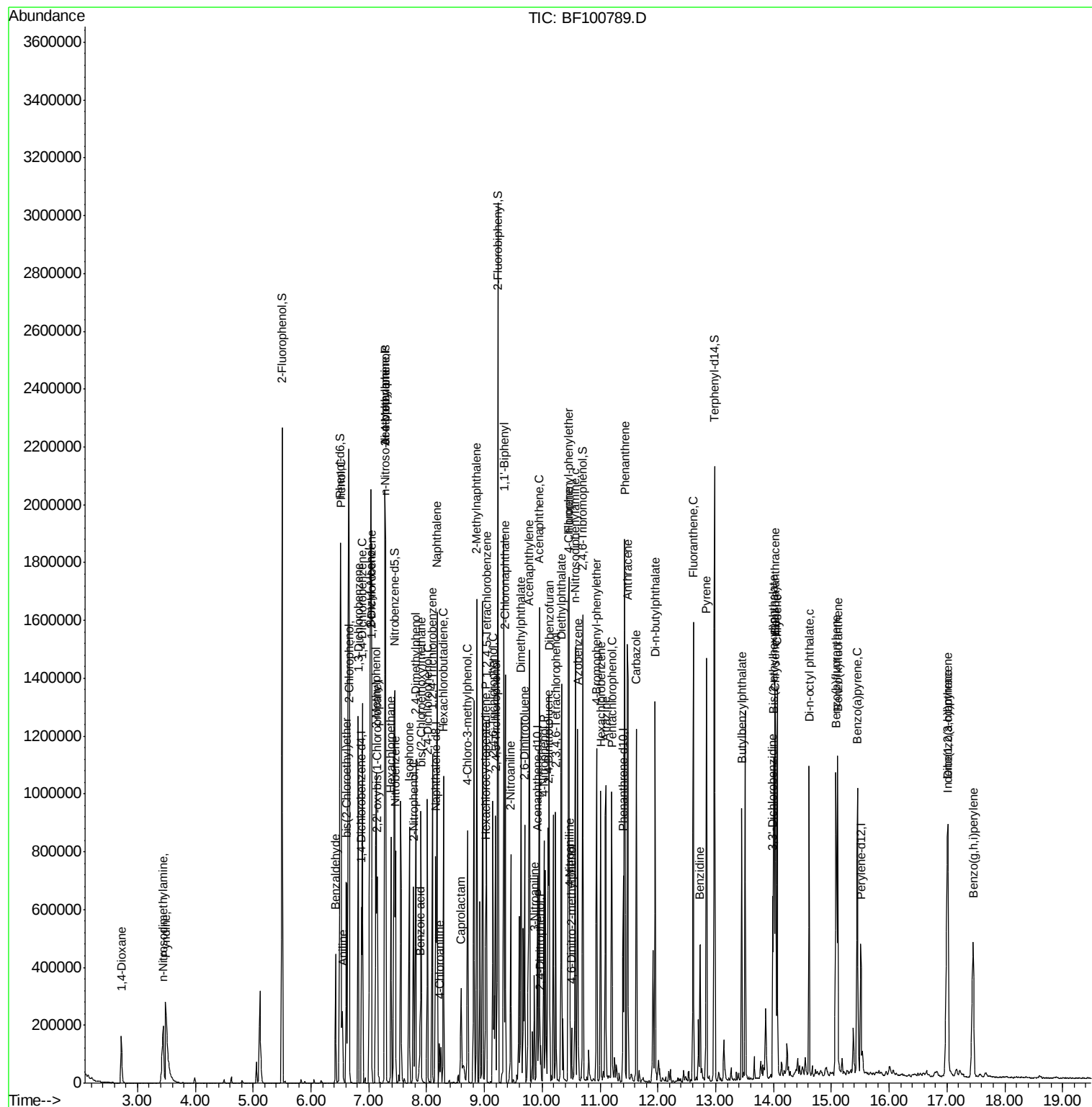
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\  
Data File : BF100789.D  
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Operator : SJ/JU  
Sample : I6499-02MS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

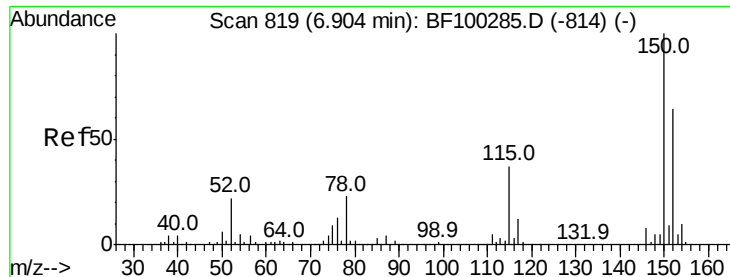
Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

Manual Integrations  
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Sohil  
11/22/2017 5:04:21 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 17 15:22:08 2017  
Response via : Initial Calibration





#1

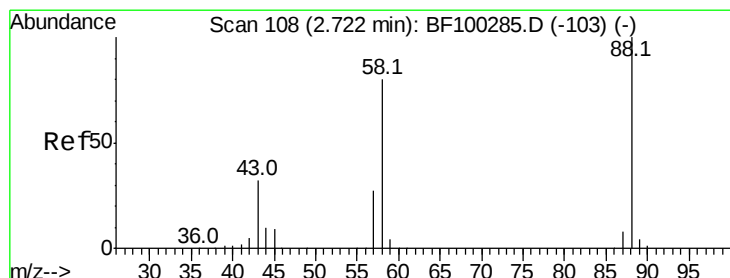
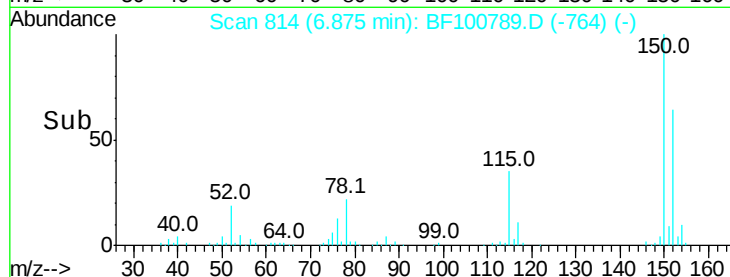
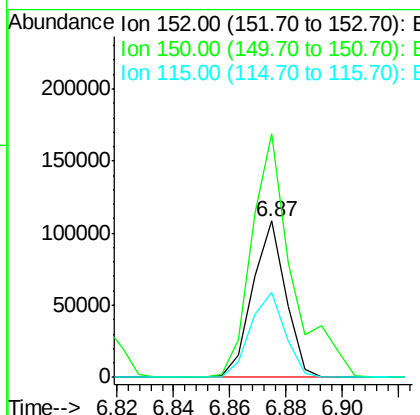
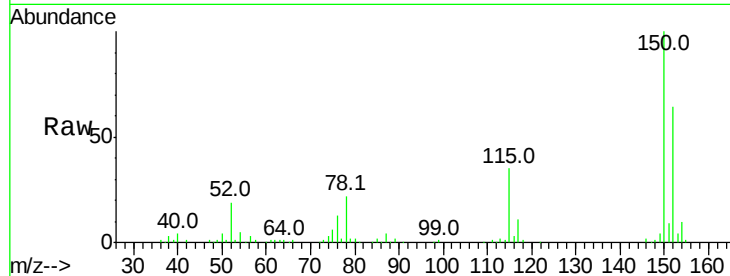
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.7 | 124.6 | 186.8 |
| 115     | 54.3  | 50.1  | 75.1  |

Manual Integrations  
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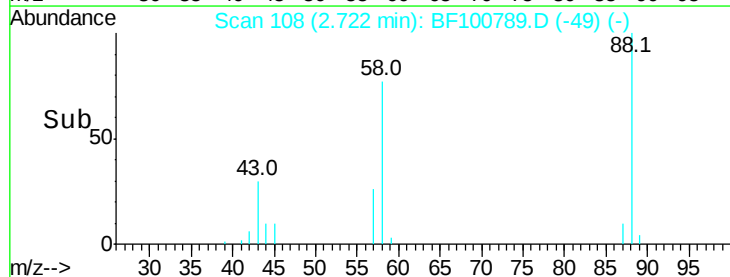
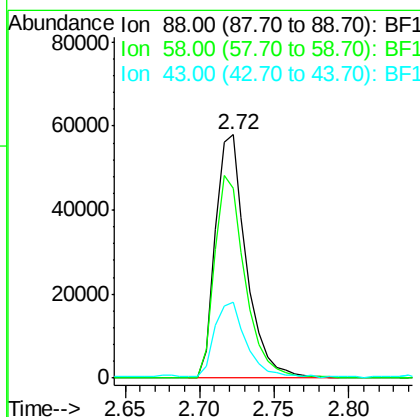
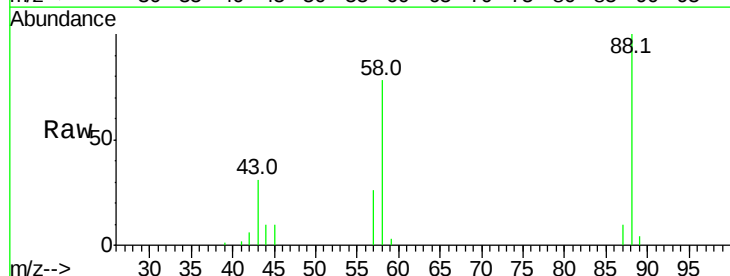
Sohil  
11/22/2017 5:04:21 PM

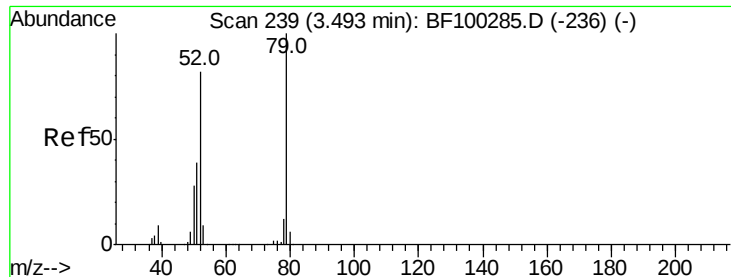


#2

1,4-Dioxane  
Concen: 31.246 ng  
RT: 2.72 min Scan# 108  
Delta R.T. 0.05 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 82.0  | 62.6  | 93.8  |
| 43      | 33.0  | 24.6  | 37.0  |





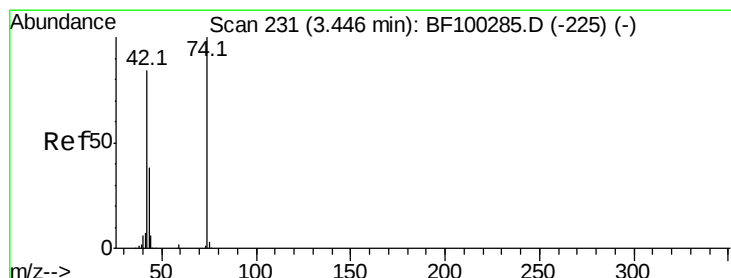
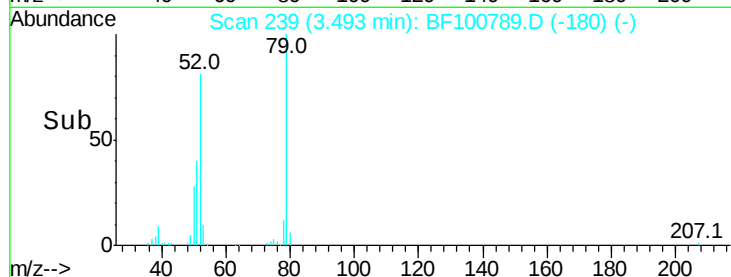
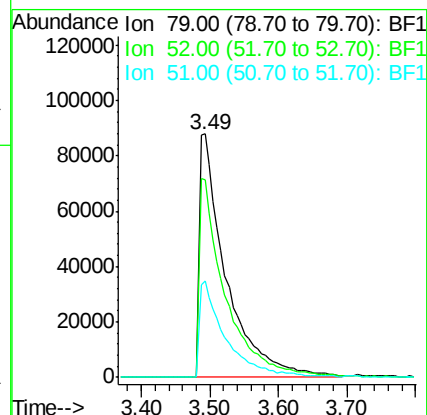
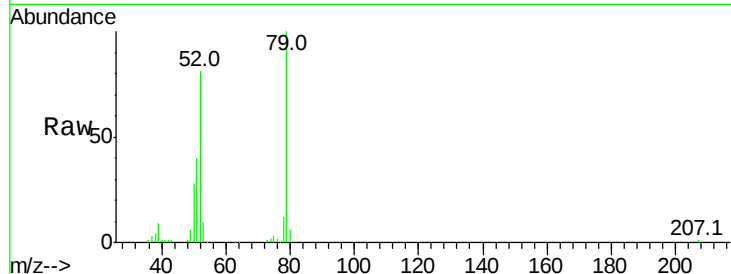
#3  
 Pvridine  
 Concen: 32.339 ng  
 RT: 3.49 min Scan# 239  
 Delta R.T. 0.05 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 81.1  | 59.8  | 89.6  |
| 51      | 39.5  | 29.8  | 44.8  |

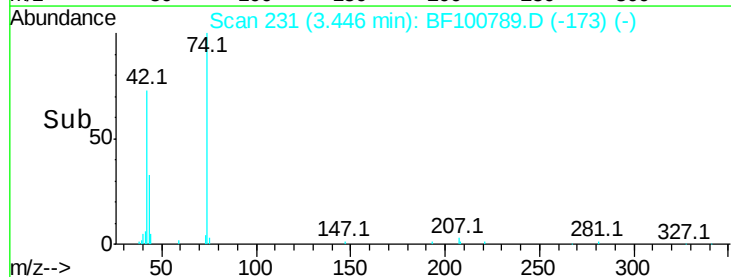
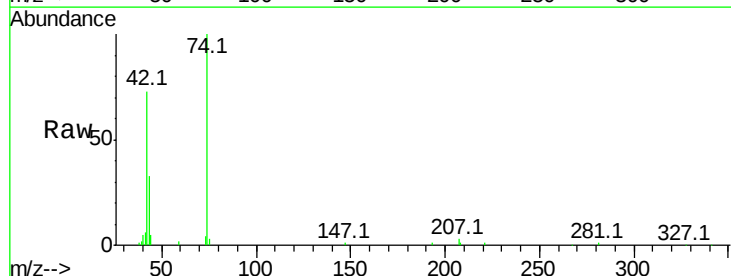
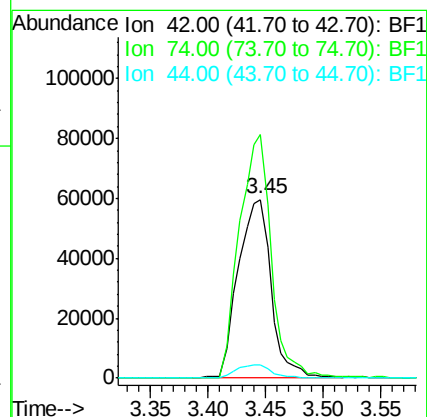
Manual Integrations  
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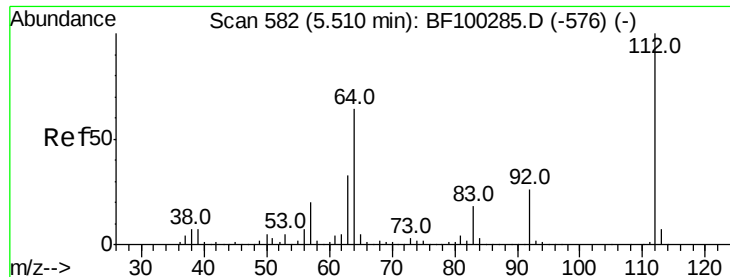
Sohil  
 11/22/2017 5:04:21 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 33.321 ng  
 RT: 3.45 min Scan# 231  
 Delta R.T. 0.04 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 136.3 | 104.9 | 157.3 |
| 44      | 7.3   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 128.002 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

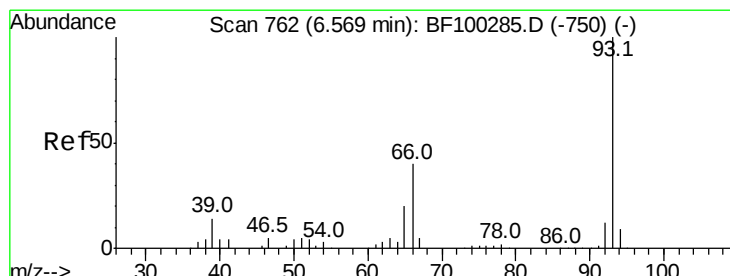
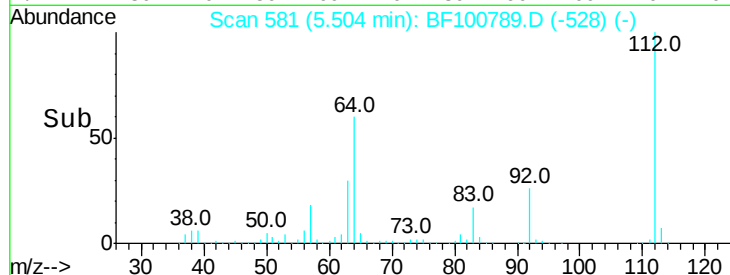
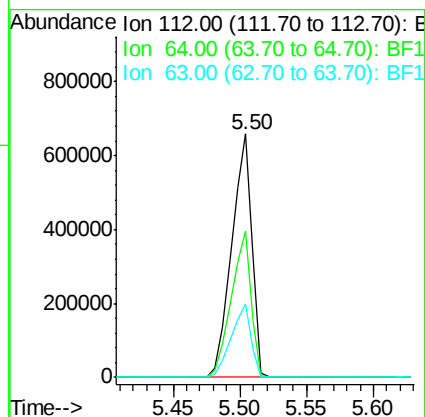
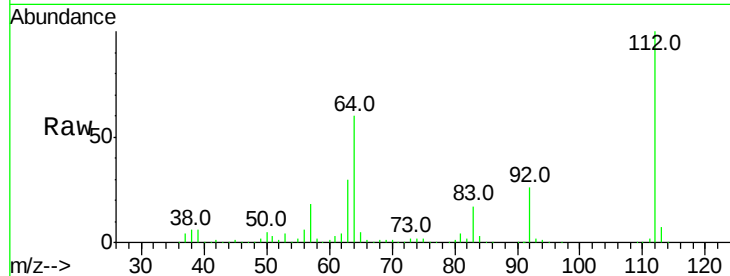
ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 704718 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 60.3  | 47.9  | 71.9   |
| 63        | 30.0  | 23.7  | 35.5   |

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#6

Aniline

Concen: 14.186 ng

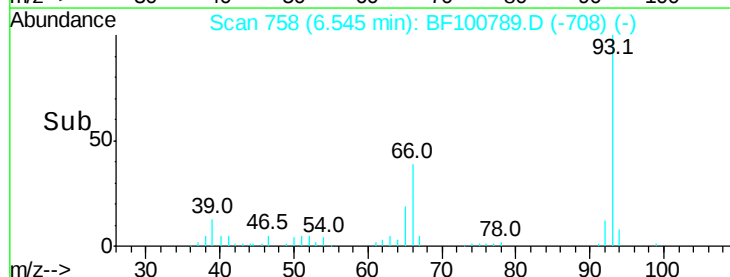
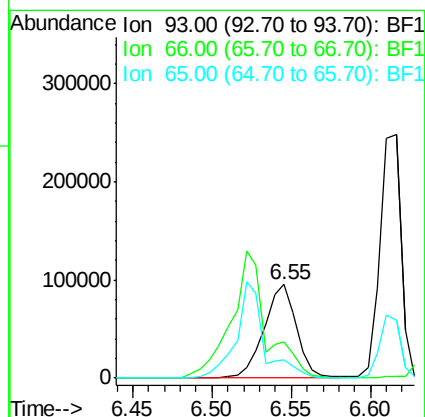
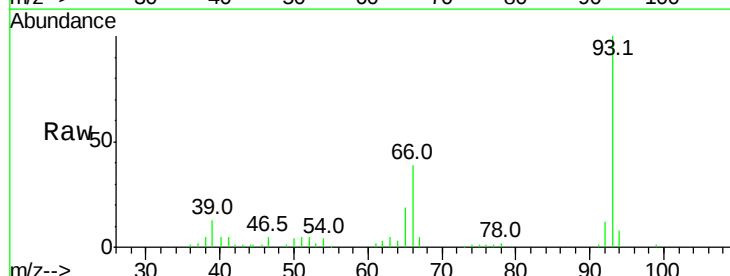
RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 136064 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.4  | 32.2  | 48.2   |
| 65        | 19.2  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 126.025 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

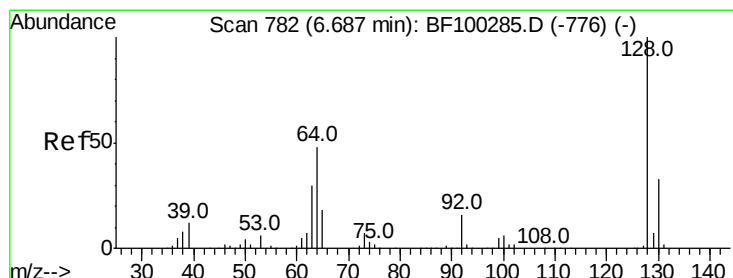
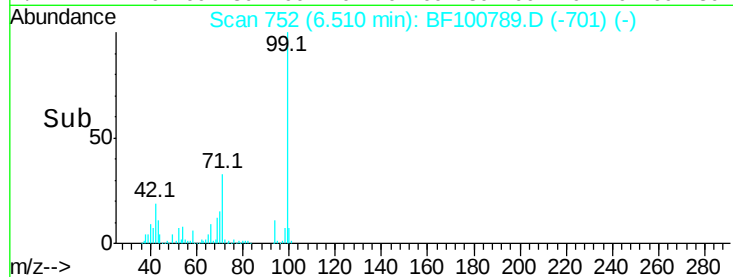
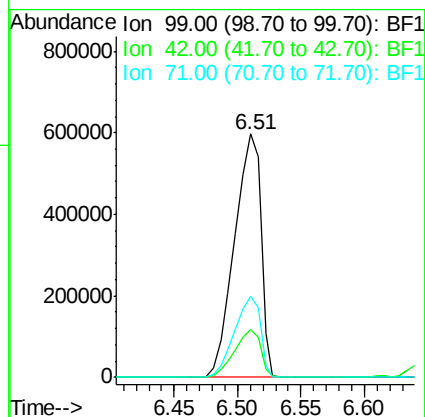
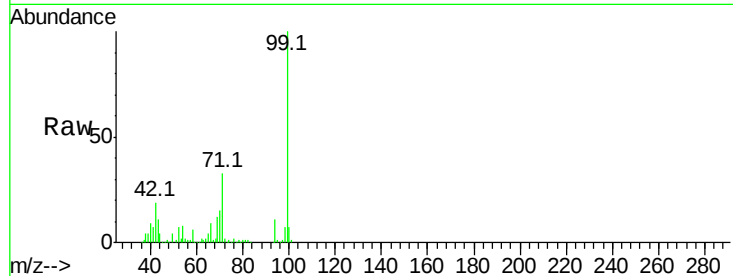
ClientSampleId :

PG1-2-E(4-5)MS

| Tot Ion   | 99    | Resp  | 855591 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.4  | 14.5  | 21.7   |
| 71        | 33.3  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.660 ng

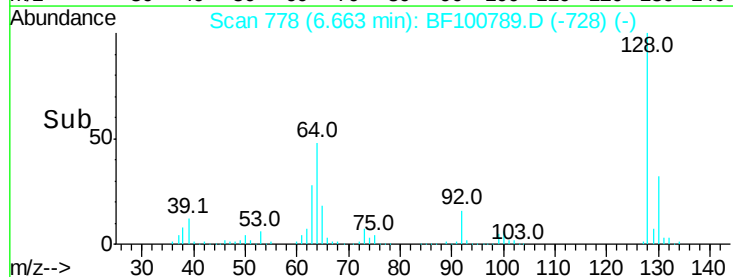
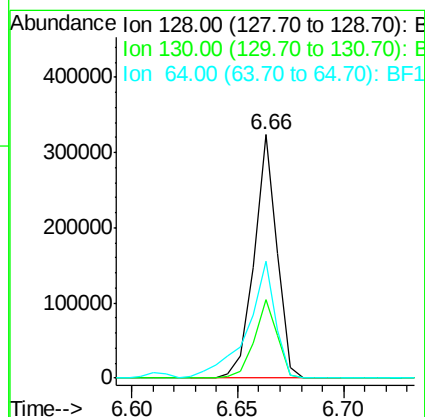
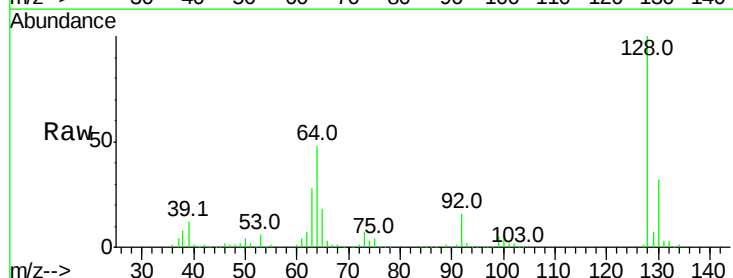
RT: 6.66 min Scan# 778

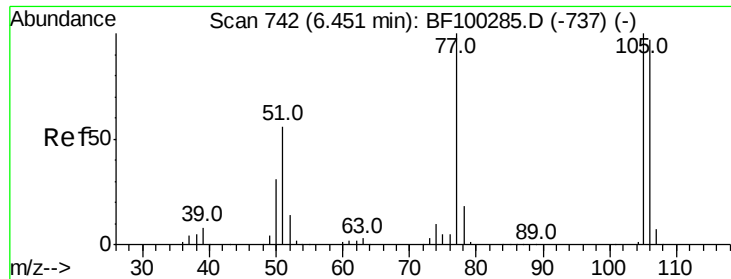
Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

| Tgt Ion   | 128   | Resp  | 242640 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.1  | 13.0  | 53.0   |
| 64        | 47.9  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 18.221 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

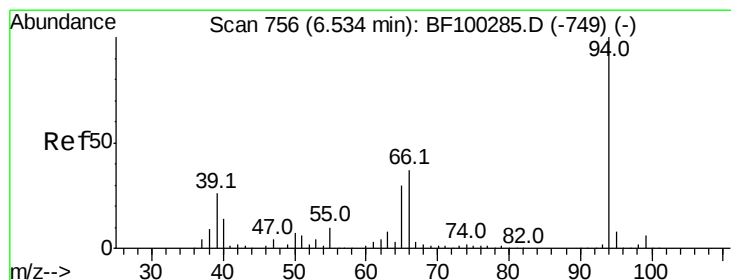
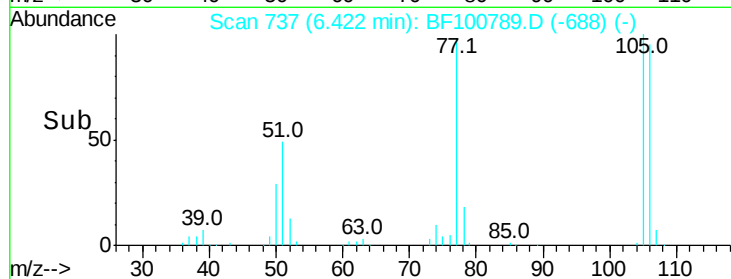
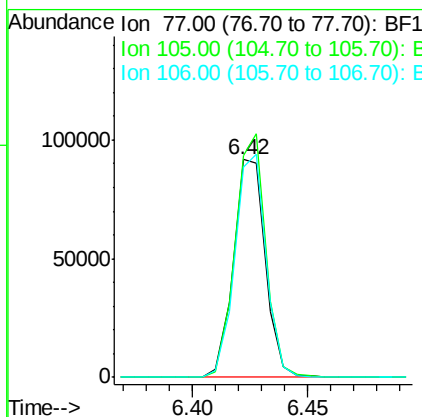
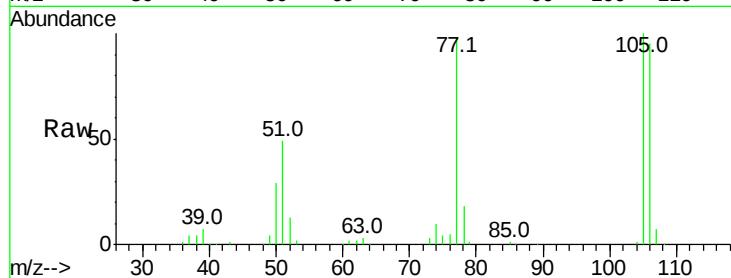
ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 77    | Resp: | 88340 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 102.2 | 81.1  | 121.1 |
| 106       | 96.9  | 74.5  | 114.5 |

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#10

Phenol

Concen: 46.646 ng

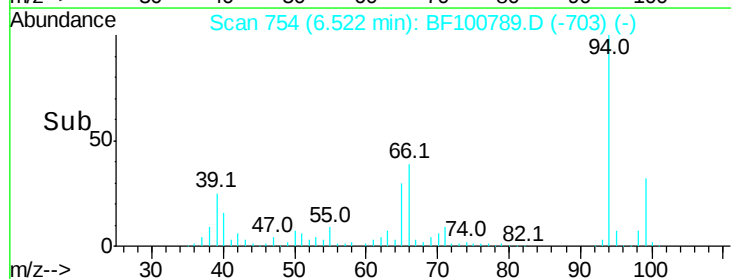
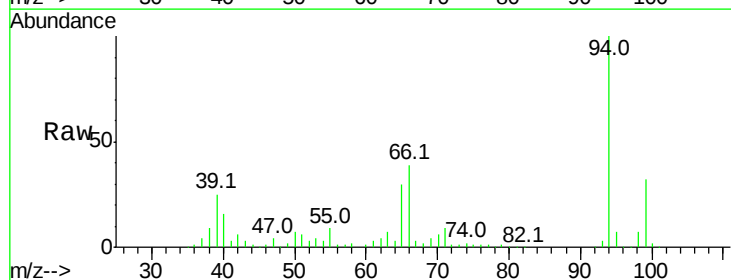
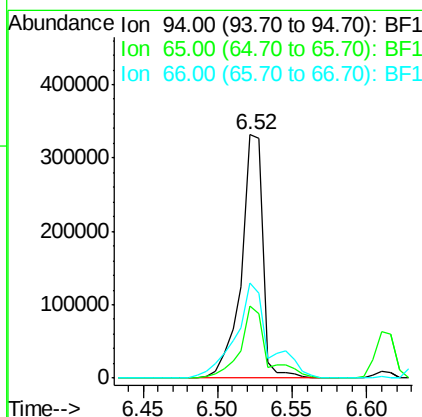
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 332450 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 29.5  | 7.9   | 47.9   |
| 66        | 39.1  | 16.2  | 56.2   |





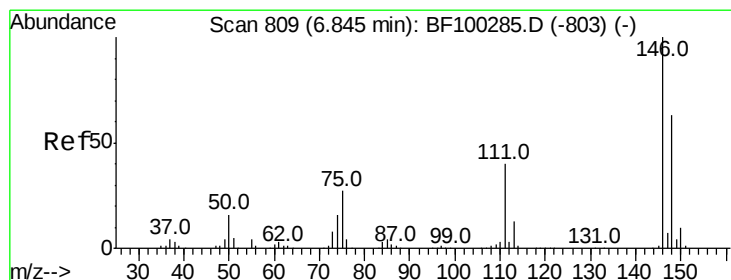
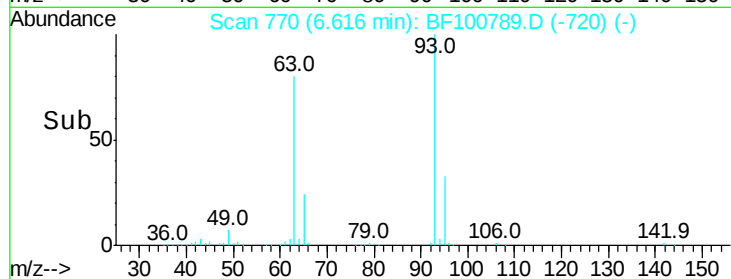
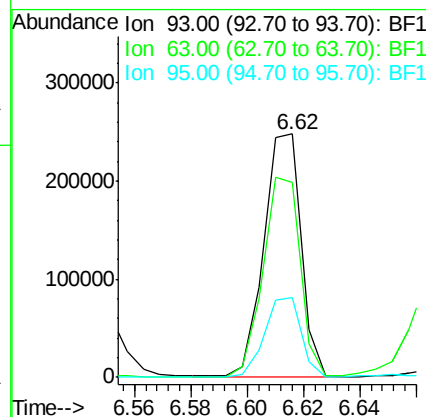
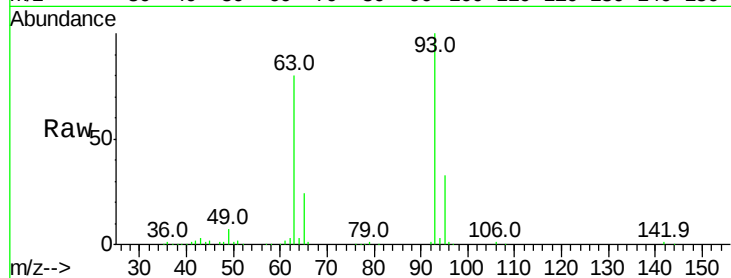
#11  
bis(2-Chloroethyl)ether  
Concen: 38.070 ng  
RT: 6.62 min Scan# 770  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion   | 93   | Resp  | 227902 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 93        | 100  |       |        |
| 63        | 80.3 | 58.6  | 98.6   |
| 95        | 32.8 | 11.8  | 51.8   |

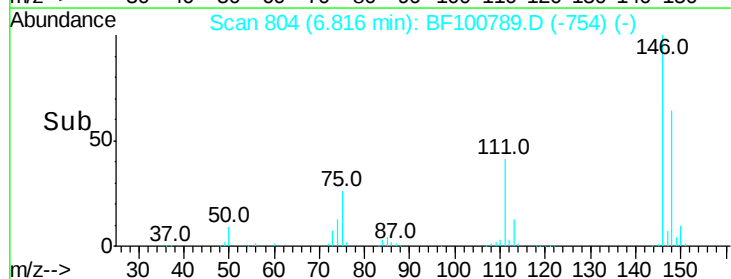
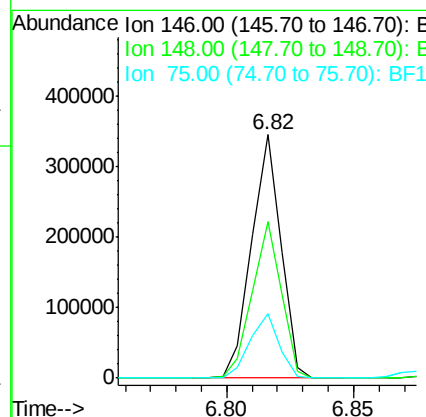
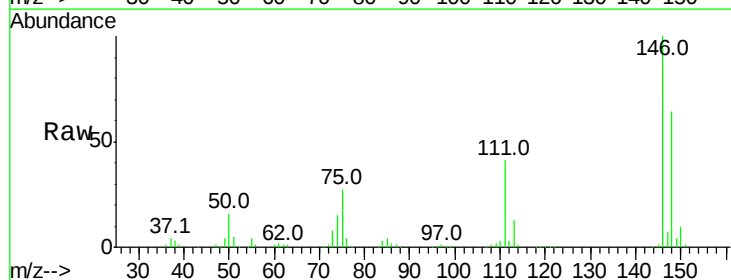
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#12  
1,3-Dichlorobenzene  
Concen: 41.620 ng  
RT: 6.82 min Scan# 804  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion   | 146  | Resp  | 279480 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 146       | 100  |       |        |
| 148       | 64.1 | 51.8  | 77.8   |
| 75        | 26.7 | 24.2  | 36.4   |





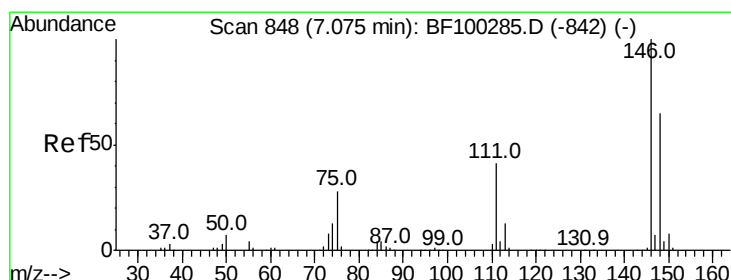
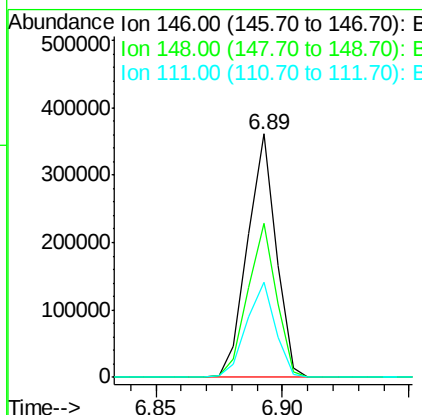
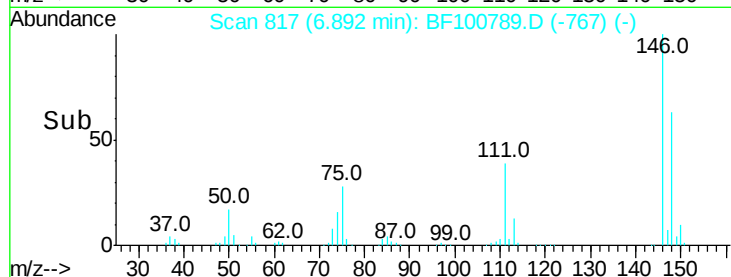
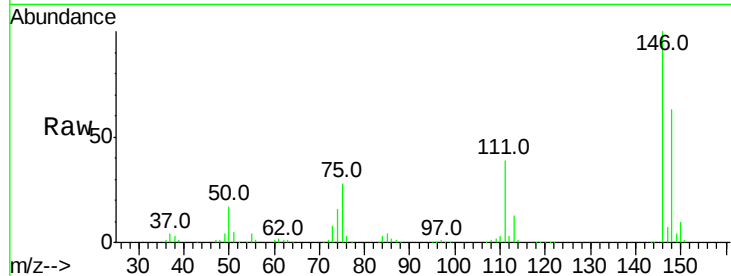
#13  
 1,4-Dichlorobenzene  
 Concen: 41.707 ng  
 RT: 6.89 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.1  | 50.8  | 76.2  |
| 111     | 39.0  | 34.2  | 51.2  |

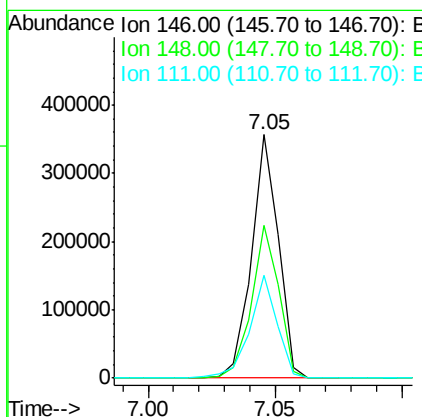
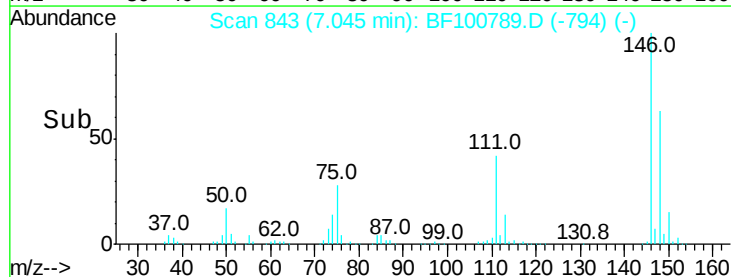
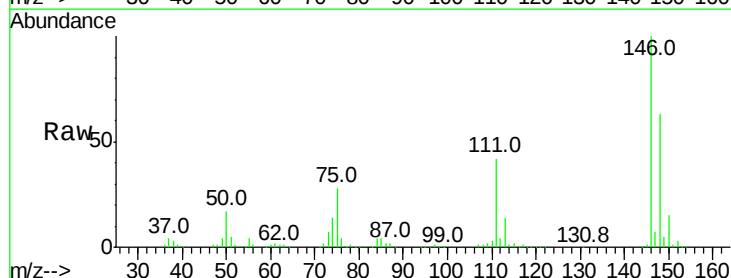
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#14  
 1,2-Dichlorobenzene  
 Concen: 41.952 ng  
 RT: 7.05 min Scan# 843  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.9  | 50.6  | 75.8  |
| 111     | 42.3  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 39.065 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

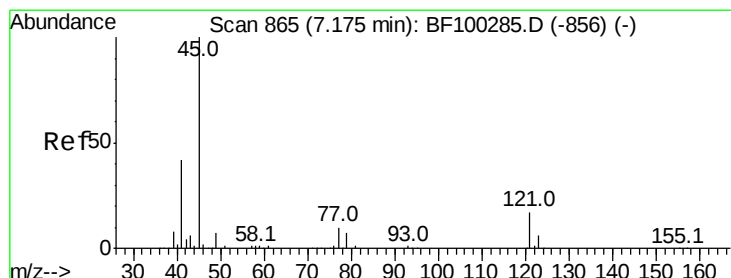
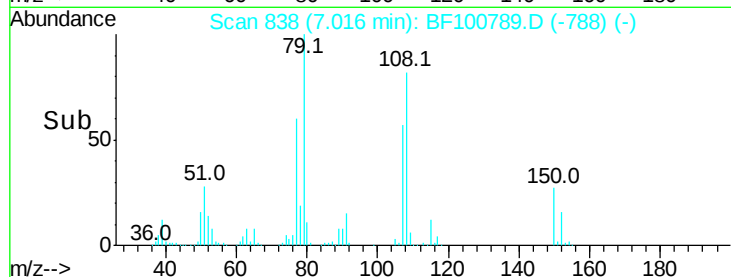
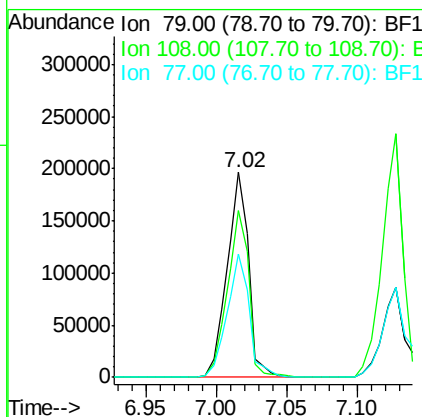
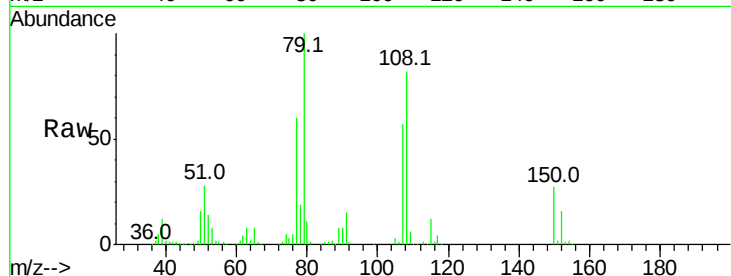
ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 206986 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 81.7  | 65.1  | 97.7   |
| 77        | 60.5  | 50.6  | 75.8   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.995 ng

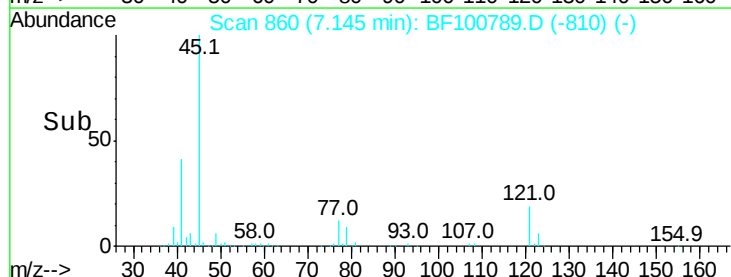
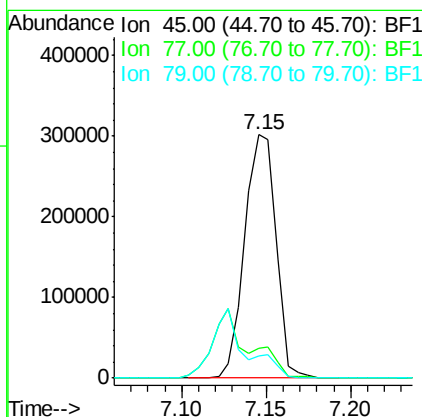
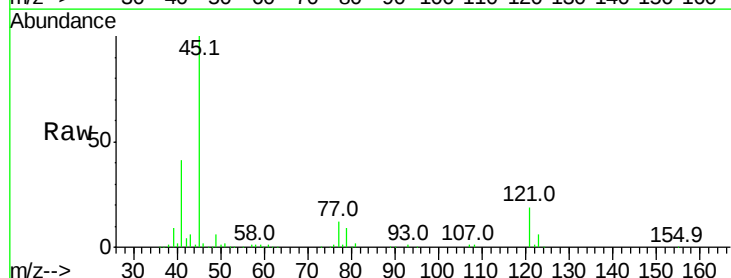
RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 392514 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.3  | 0.0   | 32.9   |
| 79        | 9.1   | 0.0   | 29.6   |





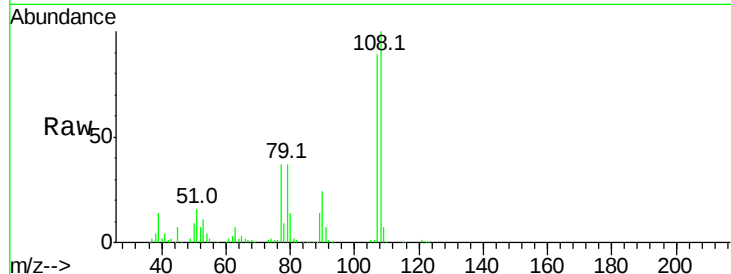
#17  
2-Methylphenol  
Concen: 41.307 ng  
RT: 7.13 min Scan# 857  
Delta R.T. -0.00 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

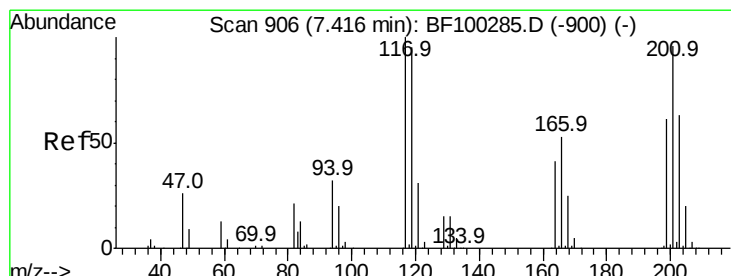
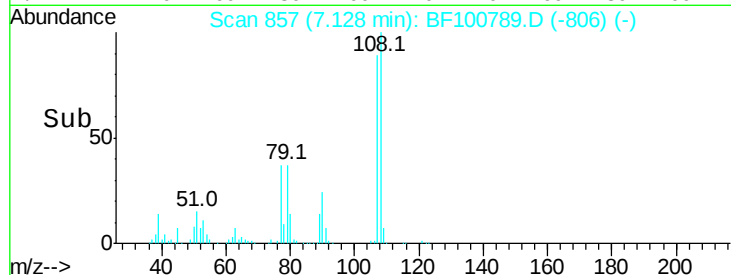
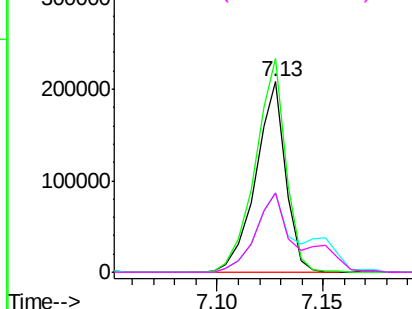
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.2 | 91.7 | 137.5 |       |
| 77      | 41.5  | 33.8 | 50.8  |       |
| 79      | 41.7  | 33.8 | 50.8  |       |

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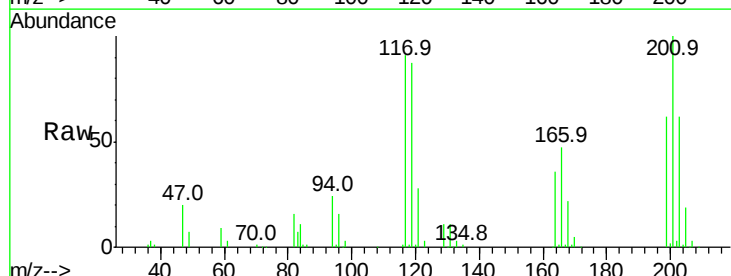


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

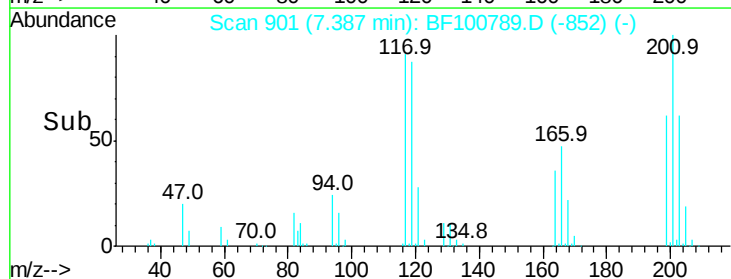
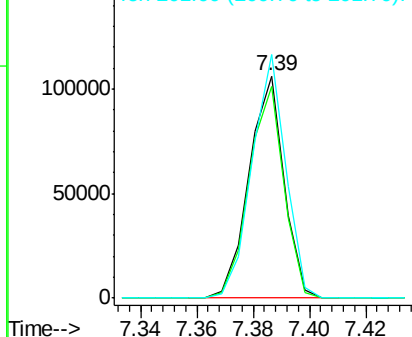


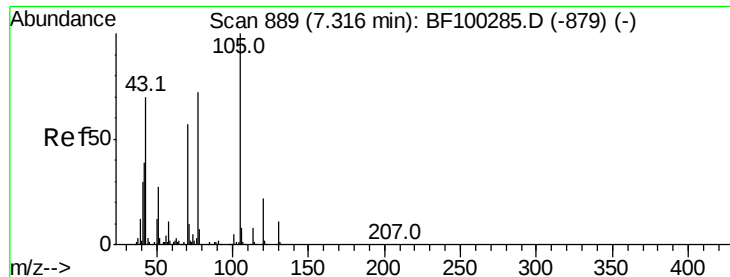
#18  
Hexachloroethane  
Concen: 40.638 ng  
RT: 7.39 min Scan# 901  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.3  | 75.8 | 113.8 |       |
| 201     | 109.7 | 75.7 | 113.5 |       |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





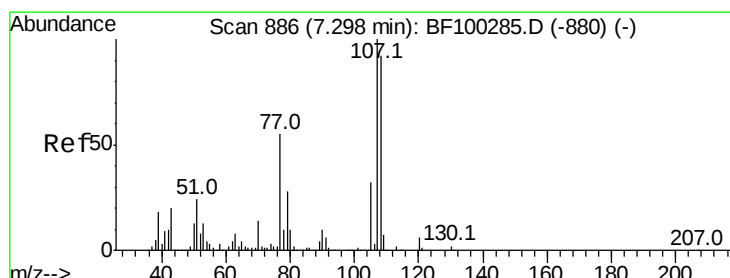
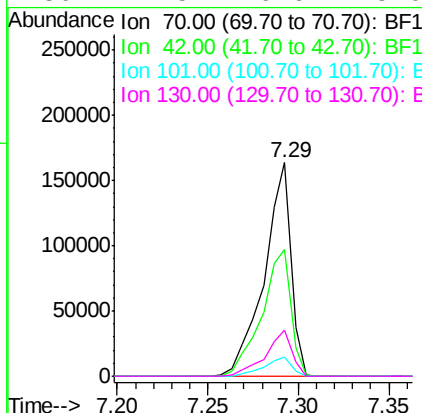
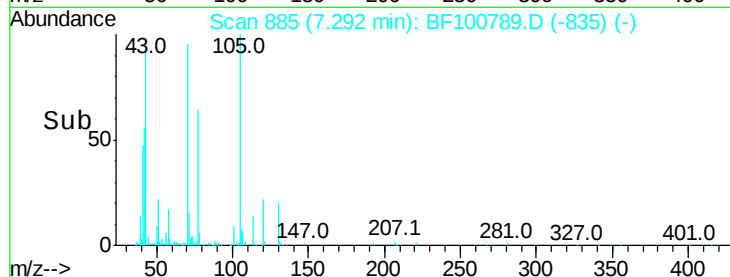
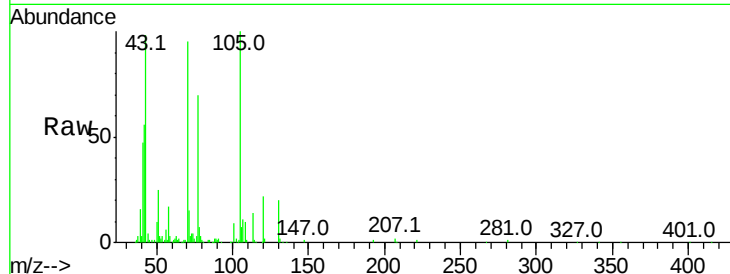
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.736 ng  
RT: 7.29 min Scan# 885  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 59.2  | 47.5  | 71.3  |
| 101     | 9.3   | 7.4   | 11.2  |
| 130     | 21.5  | 16.6  | 25.0  |

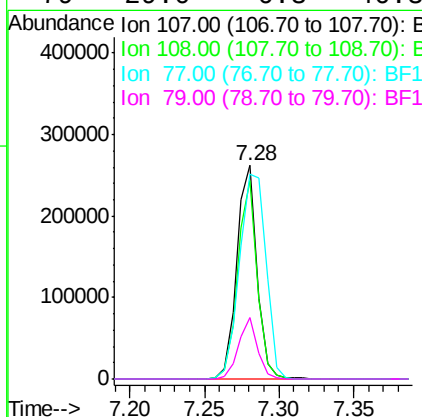
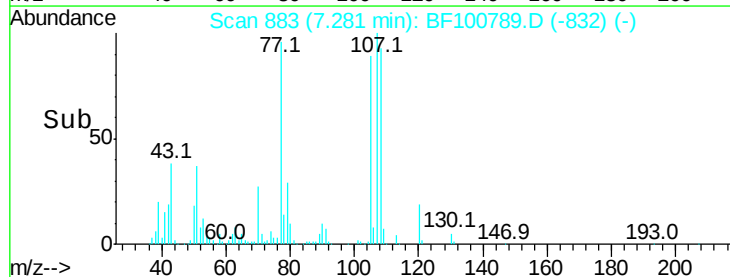
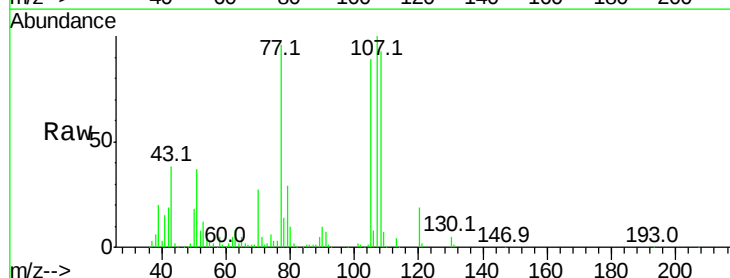
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 39.667 ng  
RT: 7.28 min Scan# 883  
Delta R.T. -0.00 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 92.8  | 68.2  | 108.2 |
| 77      | 96.1  | 26.7  | 66.7# |
| 79      | 29.0  | 6.3   | 46.3  |





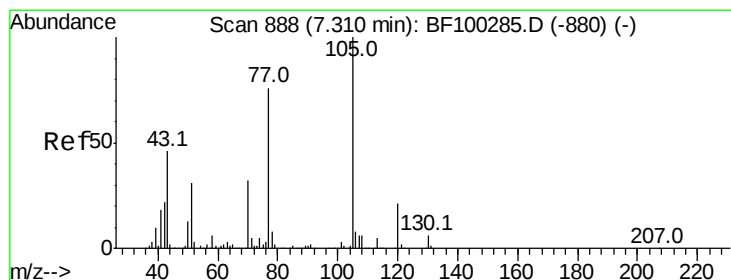
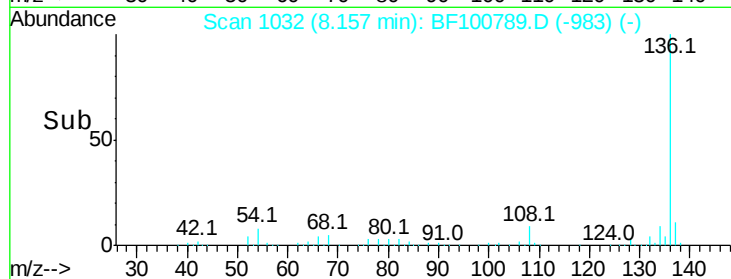
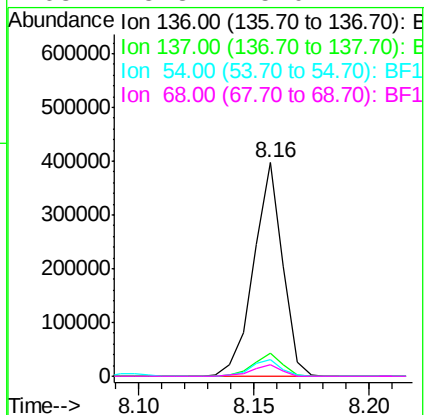
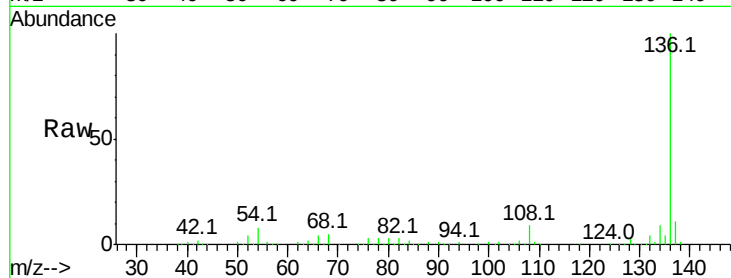
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.9  | 13.3  |       |
| 54      | 7.8   | 6.6  | 9.8   |       |
| 68      | 5.3   | 5.0  | 7.4   |       |

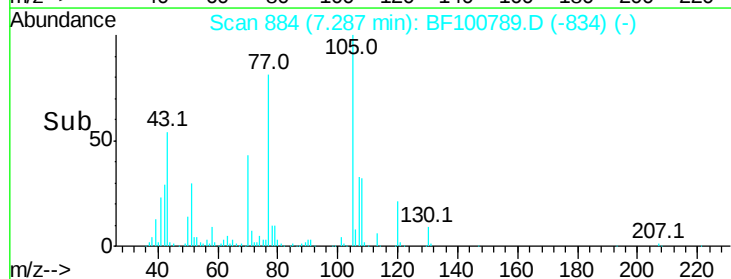
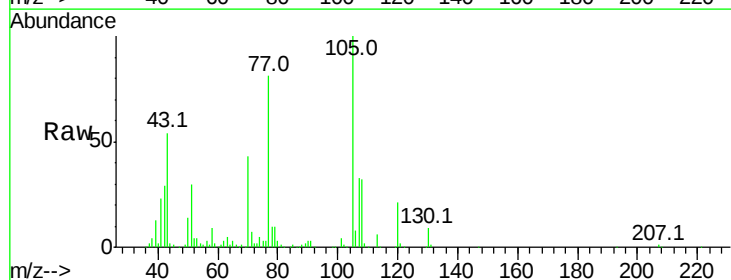
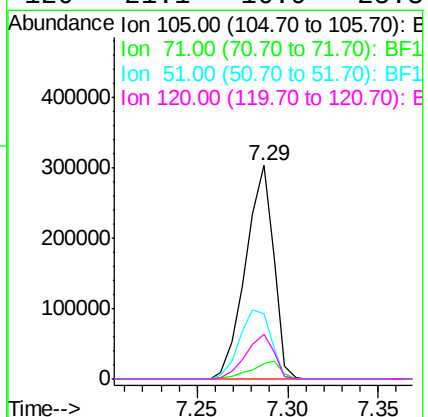
Manual Integrations  
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#22  
Acetophenone  
Concen: 38.842 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 7.0   | 4.4  | 6.6#  |       |
| 51      | 30.3  | 22.3 | 33.5  |       |
| 120     | 21.1  | 16.9 | 25.3  |       |





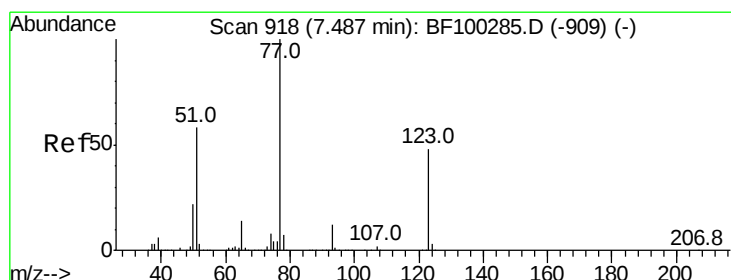
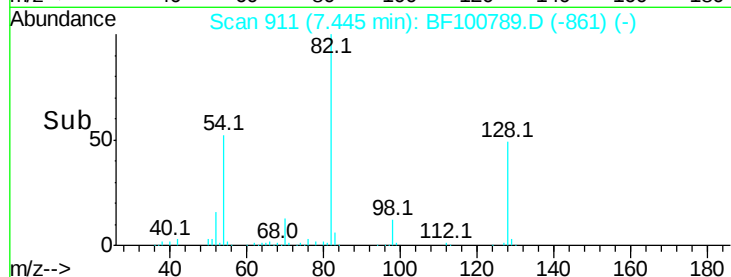
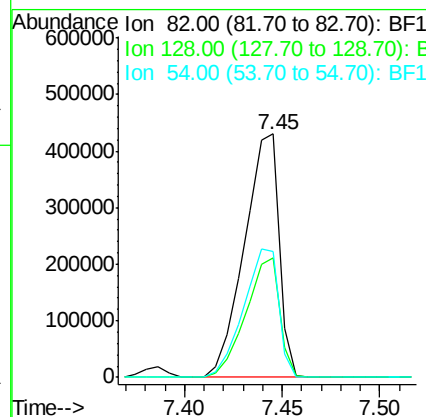
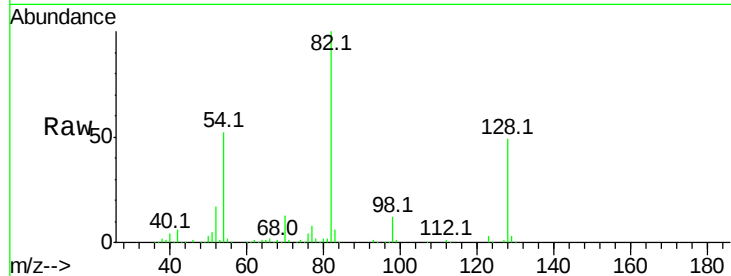
#23  
Nitrobenzene-d5  
Concen: 101.973 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 532254 |       |       |
| 128     | 49.0  | 36.1   | 54.1  |       |
| 54      | 51.7  | 41.4   | 62.2  |       |

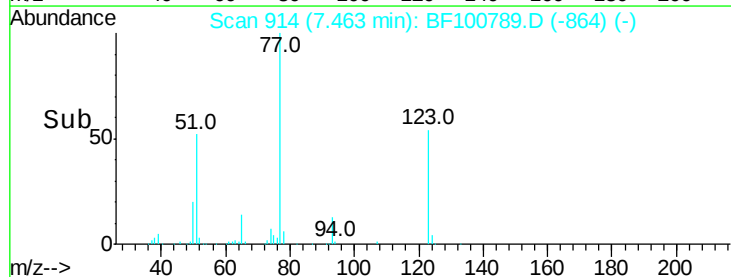
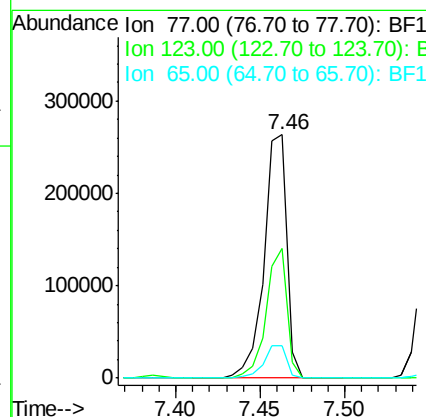
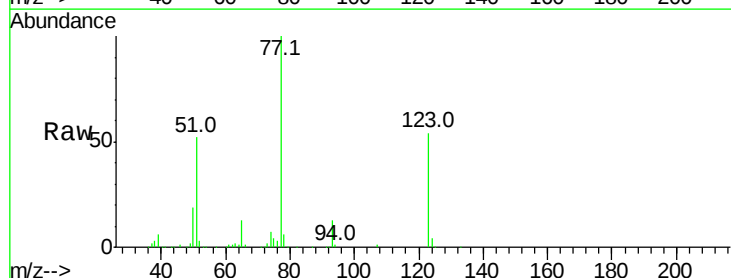
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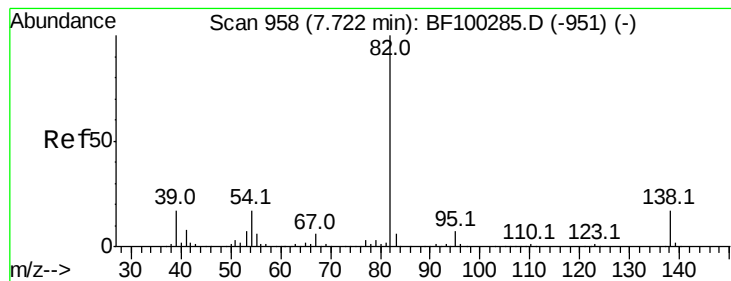
Sohil  
11/22/2017 5:04:21 PM



#24  
Nitrobenzene  
Concen: 46.045 ng  
RT: 7.46 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 247365 |       |       |
| 123     | 53.5  | 37.9   | 56.9  |       |
| 65      | 13.4  | 11.0   | 16.4  |       |





#25

Isophorone

Concen: 40.667 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

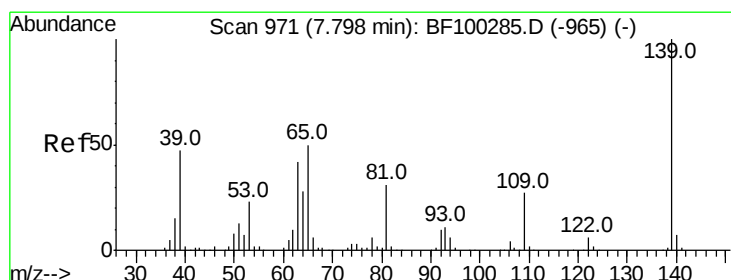
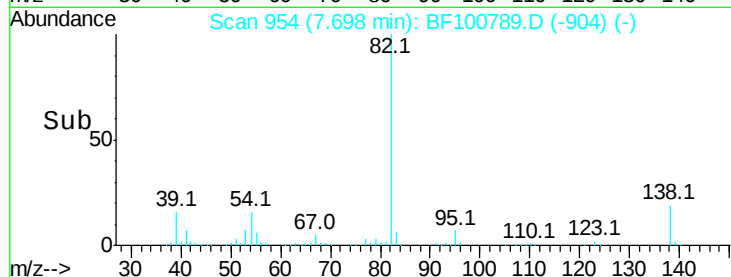
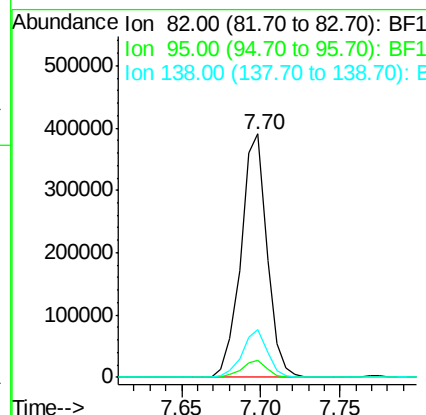
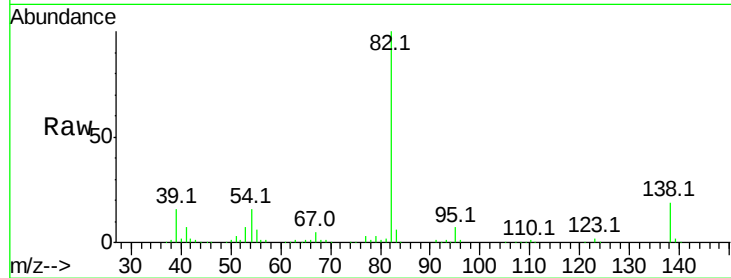
ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 446053 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.1   | 5.2   | 7.8    |
| 138       | 19.5  | 14.9  | 22.3   |

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#26

2-Nitrophenol

Concen: 52.367 ng

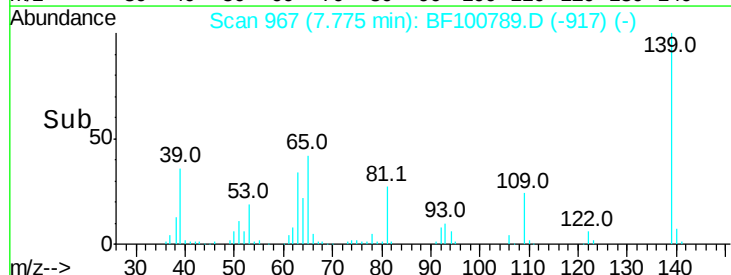
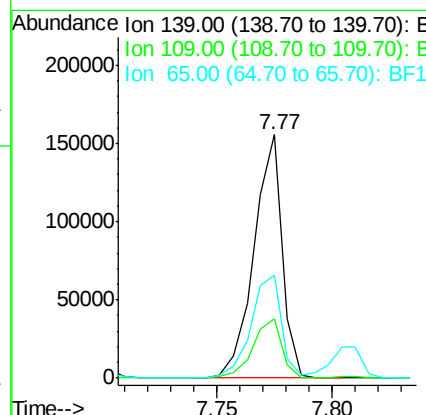
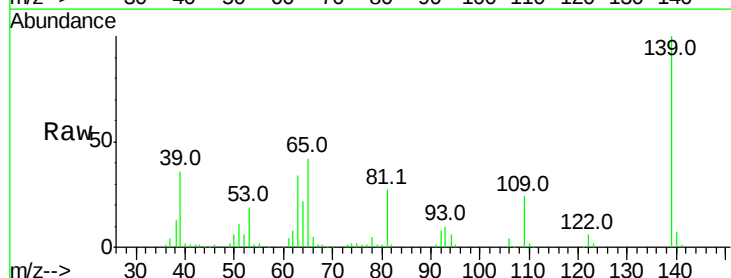
RT: 7.77 min Scan# 967

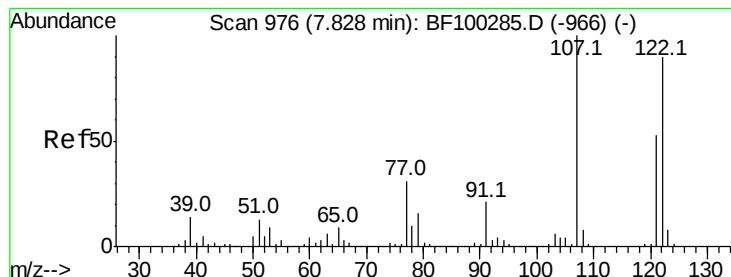
Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 133292 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 24.1  | 22.7  | 34.1   |
| 65        | 42.1  | 40.5  | 60.7   |





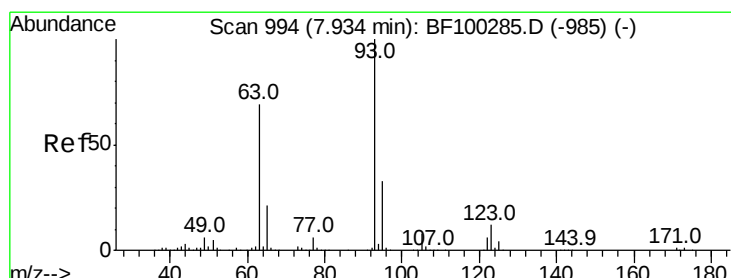
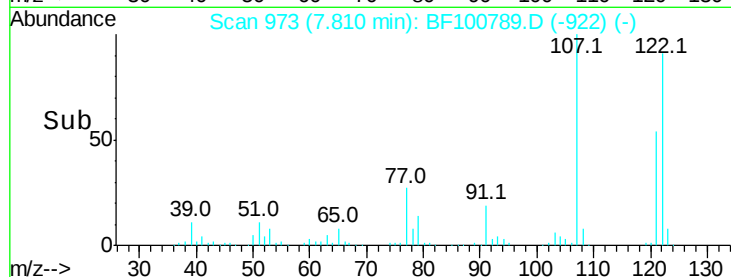
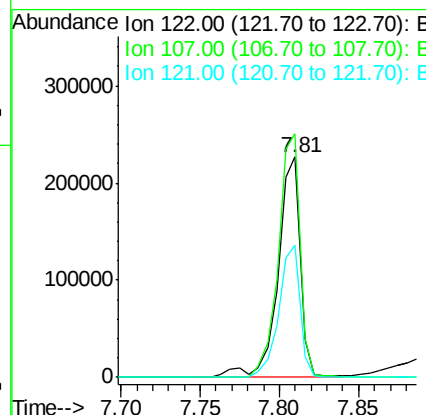
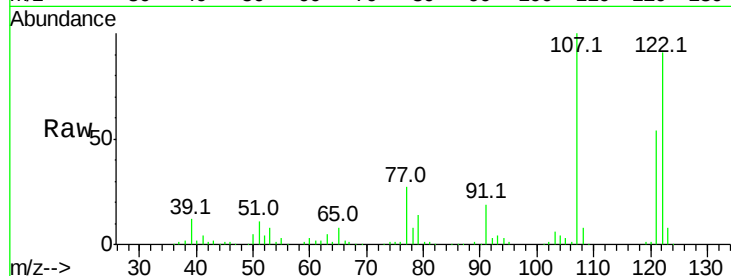
#27  
 2,4-Dimethylphenol  
 Concen: 45.479 ng  
 RT: 7.81 min Scan# 973  
 Delta R.T. -0.00 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.4 | 91.2  | 136.8 |
| 121     | 59.8  | 47.2  | 70.8  |

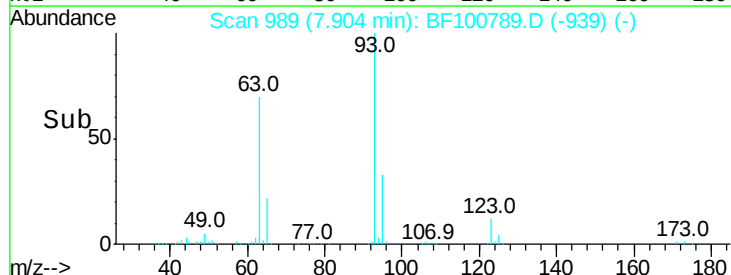
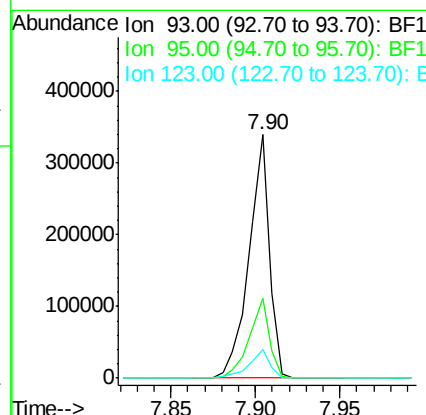
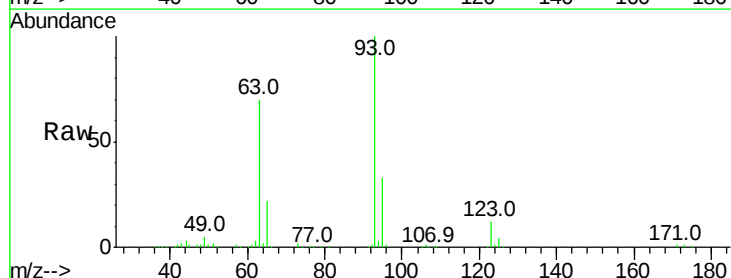
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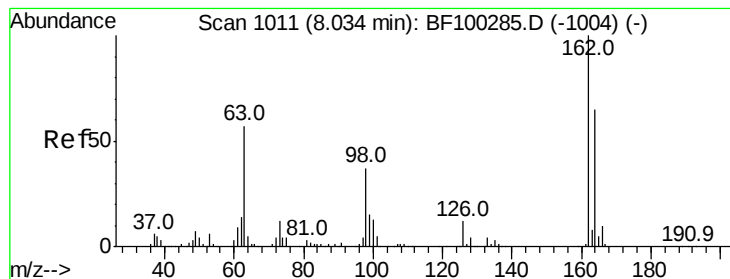
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.183 ng  
 RT: 7.90 min Scan# 989  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.3  | 39.5  |
| 123     | 11.9  | 9.8   | 14.6  |





#29

2,4-Dichlorophenol

Concen: 45.166 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

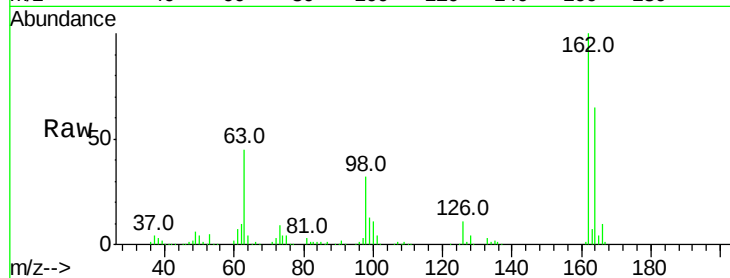
ClientSampleId :

PG1-2-E(4-5)MS

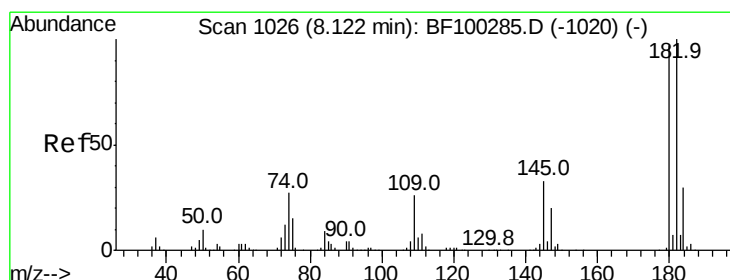
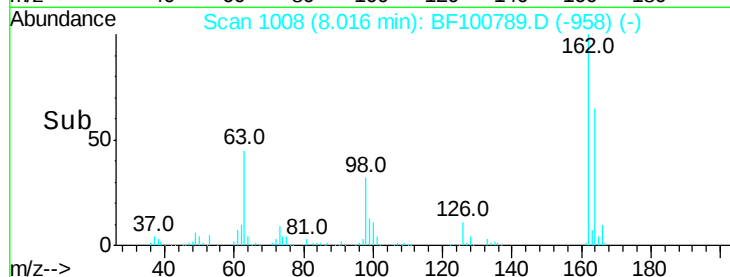
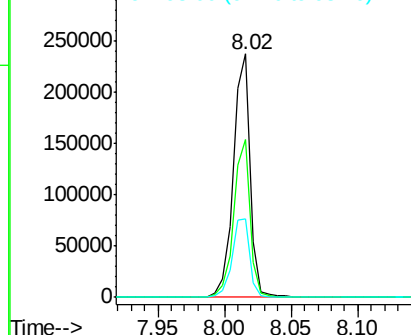
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 212008 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.0  | 42.7  | 82.7   |
| 98        | 32.3  | 18.1  | 58.1   |

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Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.453 ng

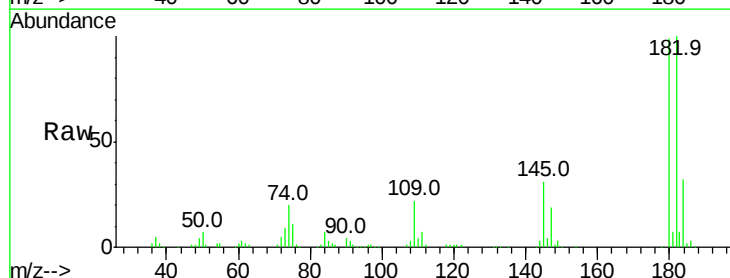
RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

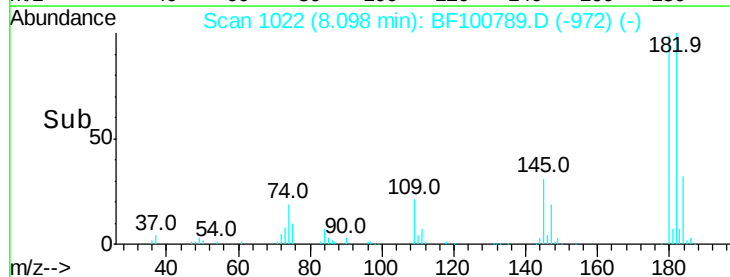
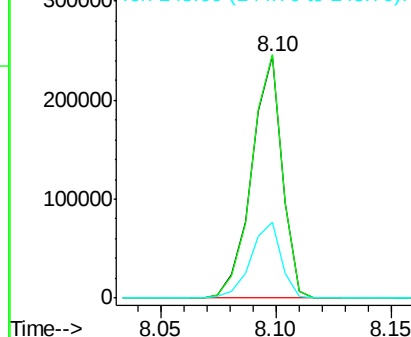
Lab File: BF100789.D

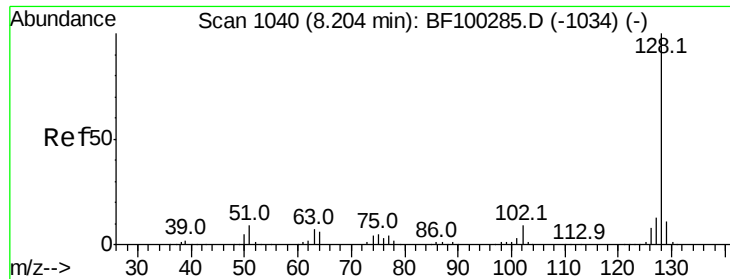
Acq: 21 Nov 2017 19:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 225709 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 100.7 | 76.8  | 115.2  |
| 145       | 31.3  | 26.5  | 39.7   |



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





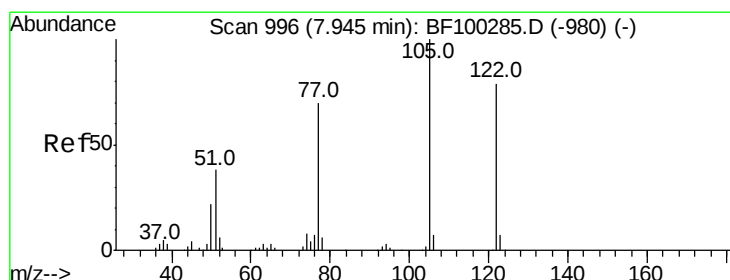
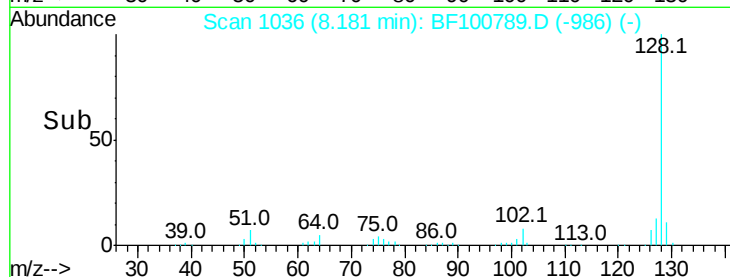
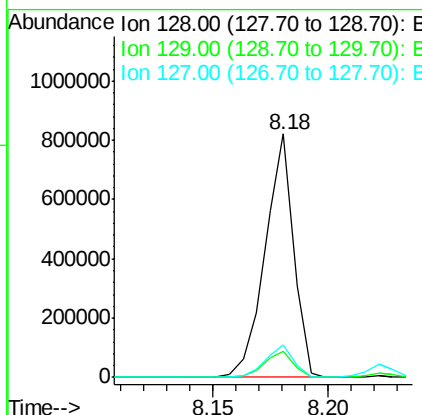
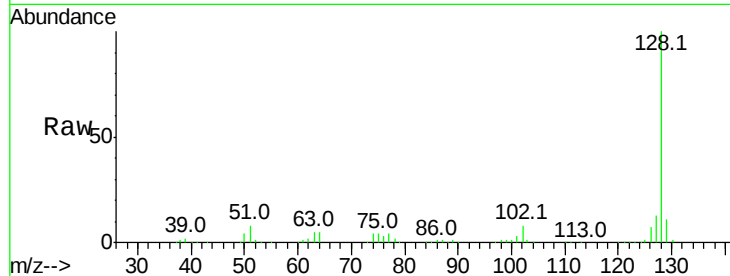
#31  
Naphthalene  
Concen: 42.379 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 8.8   | 13.2  |
| 127     | 13.4  | 10.9  | 16.3  |

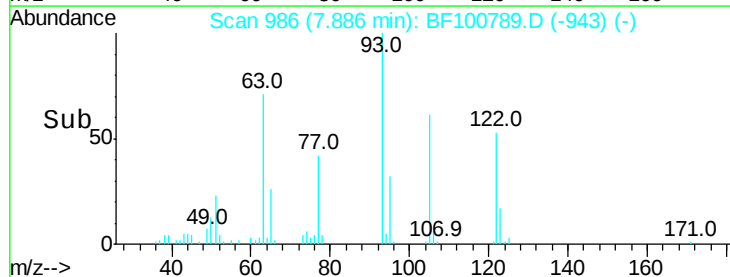
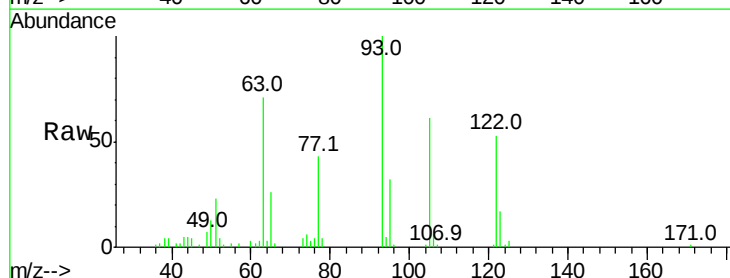
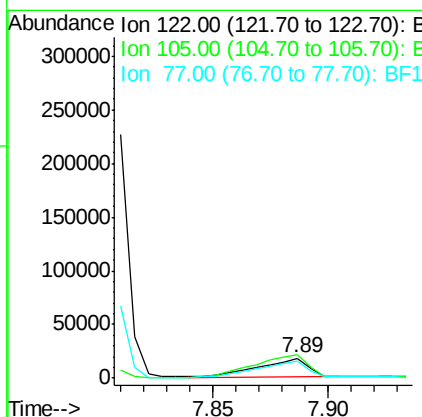
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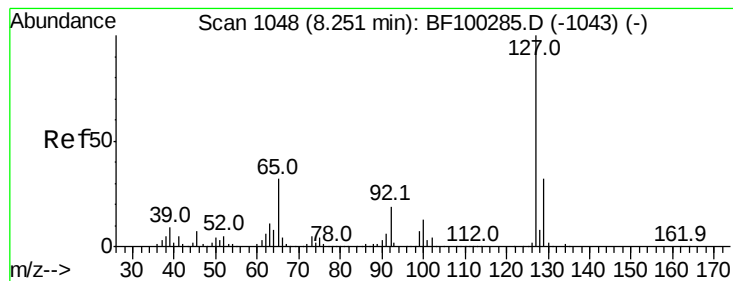
Sohil  
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#32  
Benzoic acid  
Concen: 15.006 ng  
RT: 7.89 min Scan# 986  
Delta R.T. -0.05 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 115.1 | 101.1 | 141.1 |
| 77      | 81.7  | 70.7  | 110.7 |





#33

4-Chloroaniline

Concen: 5.981 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

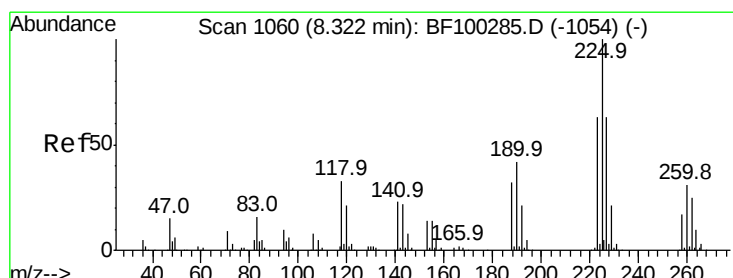
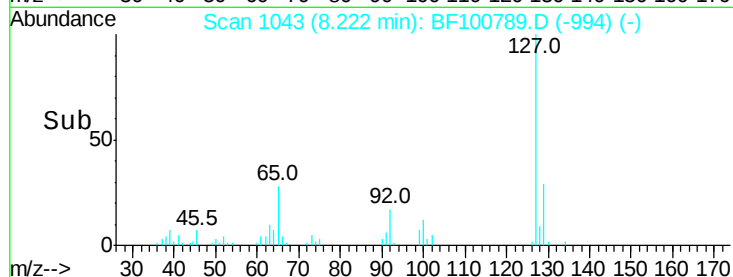
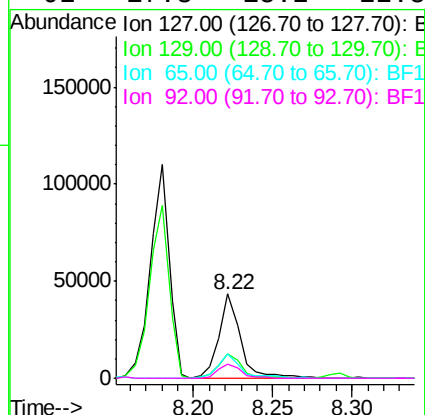
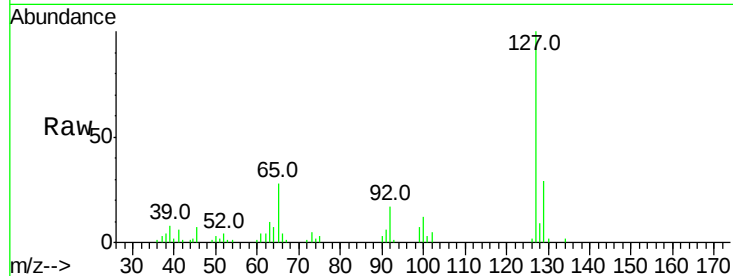
ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 127   | Resp: | 41382 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 29.1  | 25.9  | 38.9  |
| 65        | 28.2  | 25.0  | 37.4  |
| 92        | 17.3  | 15.2  | 22.8  |

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#34

Hexachlorobutadiene

Concen: 43.102 ng

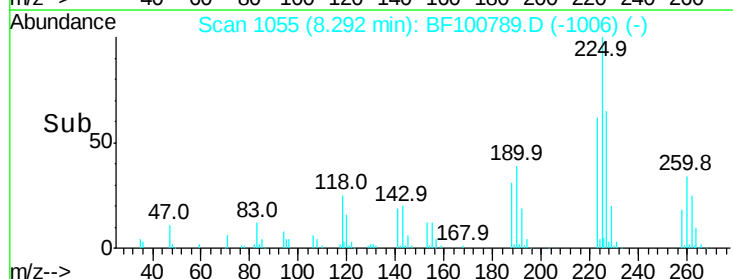
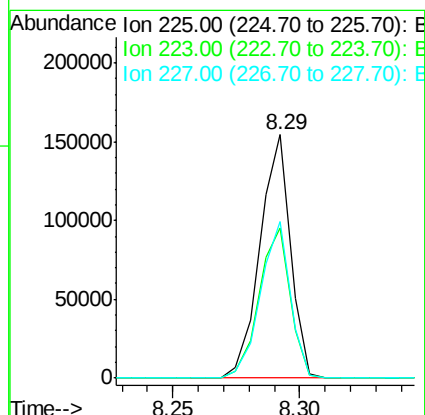
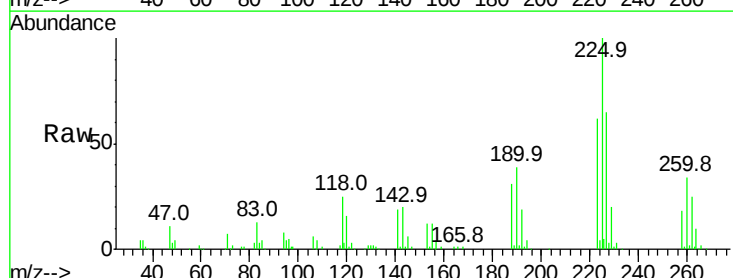
RT: 8.29 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 130120 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.9  | 50.6  | 76.0   |
| 227       | 64.5  | 51.9  | 77.9   |





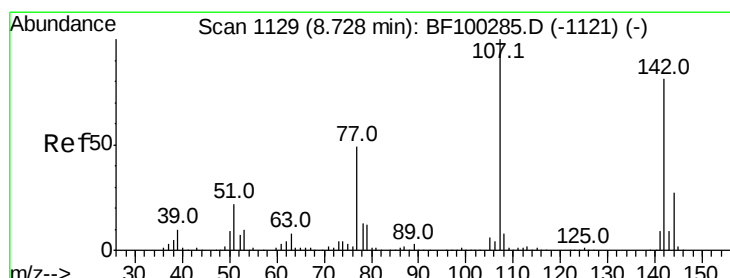
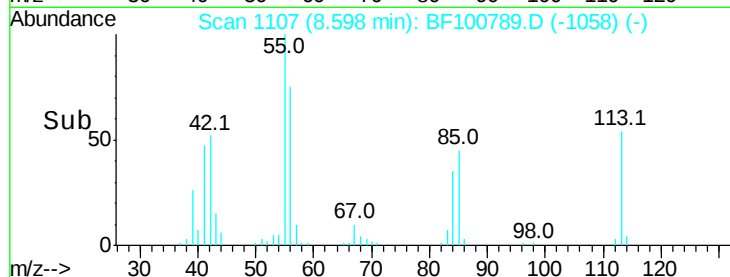
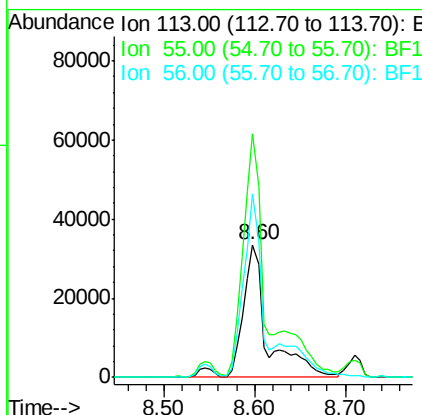
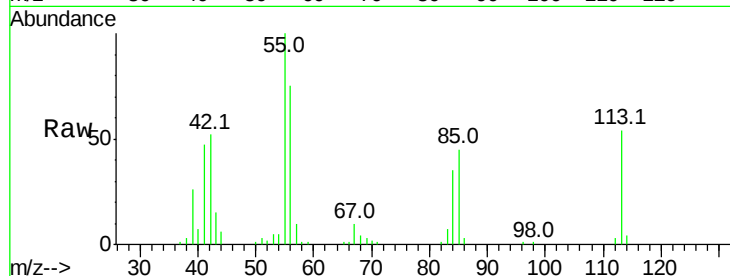
#35  
 Caprolactam  
 Concen: 39.849 ng/ml  
 RT: 8.60 min Scan# 1107  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 184.1 | 163.3 | 203.3 |
| 56      | 138.3 | 115.7 | 155.7 |

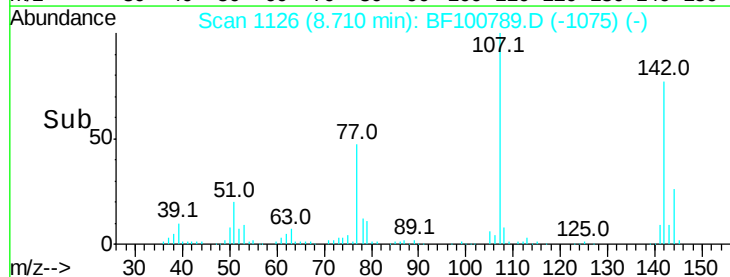
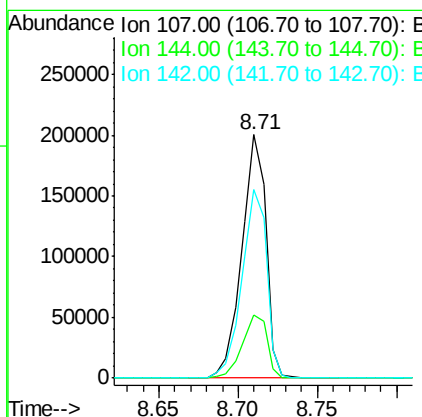
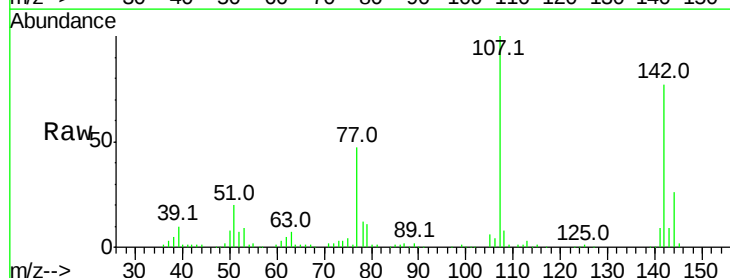
Manual Integrations  
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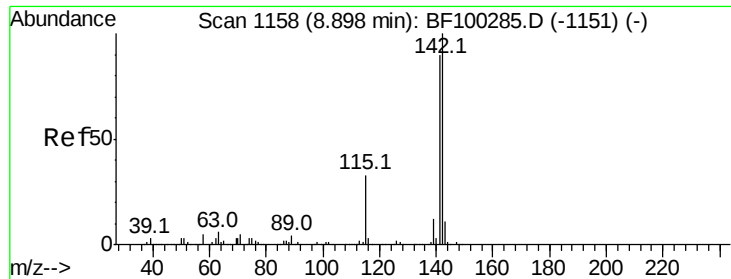
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#36  
 4-Chloro-3-methylphenol  
 Concen: 41.826 ng/ml  
 RT: 8.71 min Scan# 1126  
 Delta R.T. -0.00 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.9  | 20.5  | 30.7  |
| 142     | 77.5  | 62.0  | 93.0  |





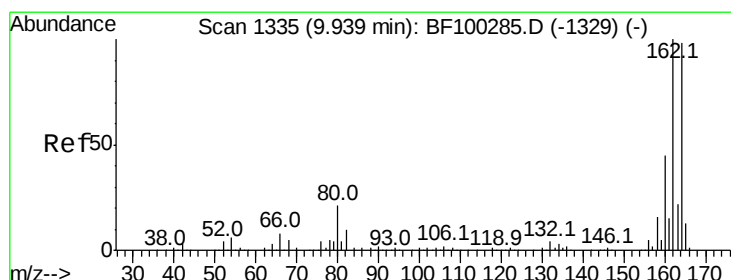
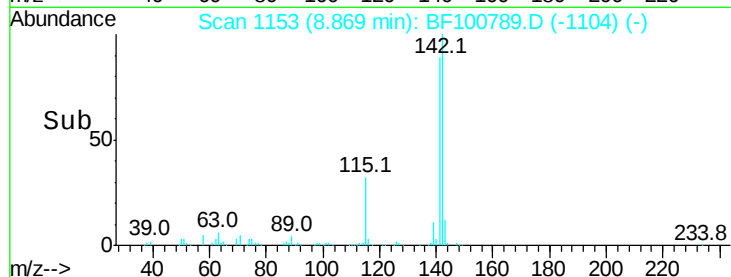
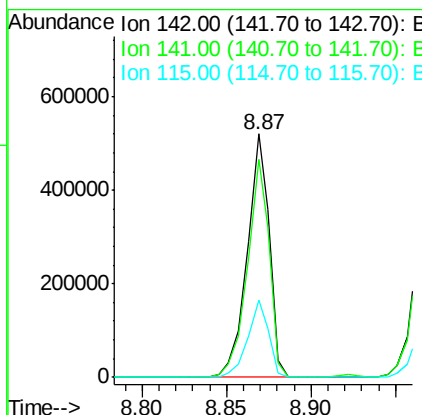
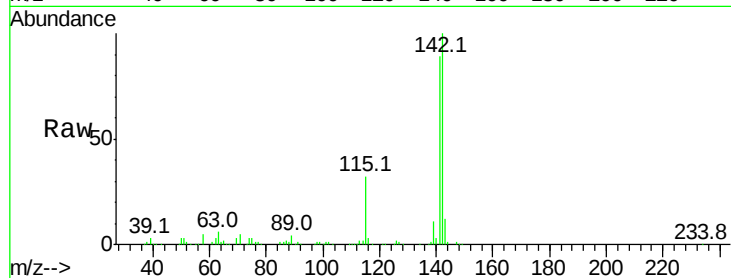
#37  
2-Methylnaphthalene  
Concen: 43.167 ng  
RT: 8.87 min Scan# 1153  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 70.8  | 106.2 |
| 115     | 31.9  | 26.1  | 39.1  |

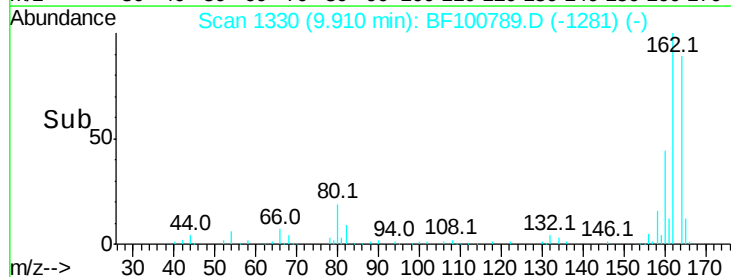
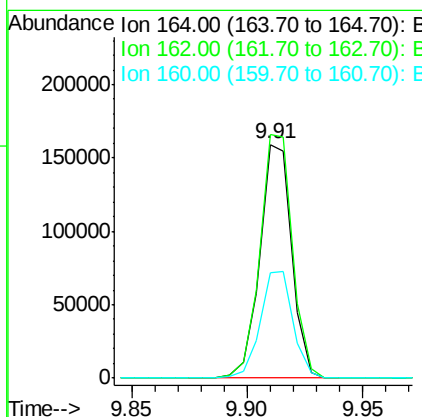
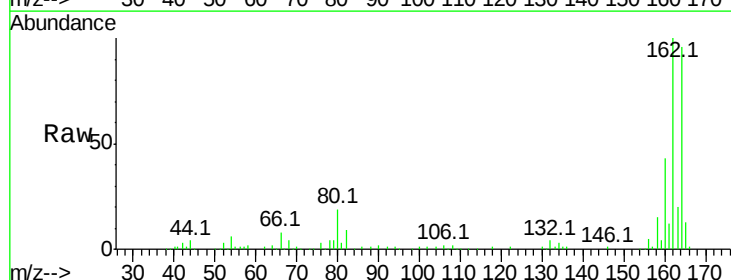
Manual Integrations  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.1 | 86.1  | 129.1 |
| 160     | 44.9  | 38.3  | 57.5  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.725 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

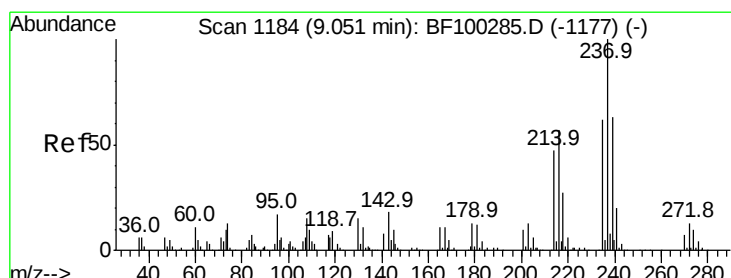
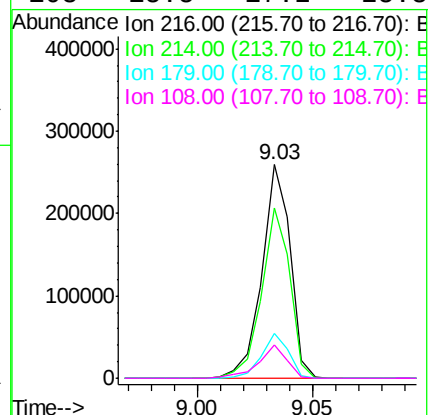
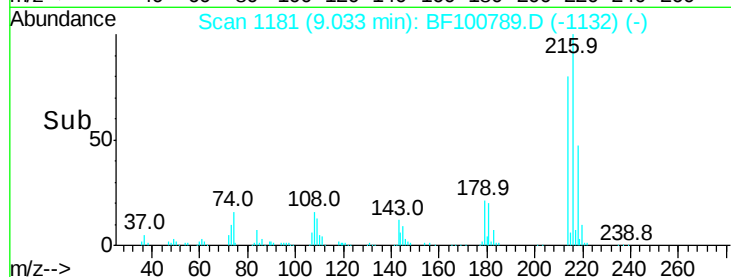
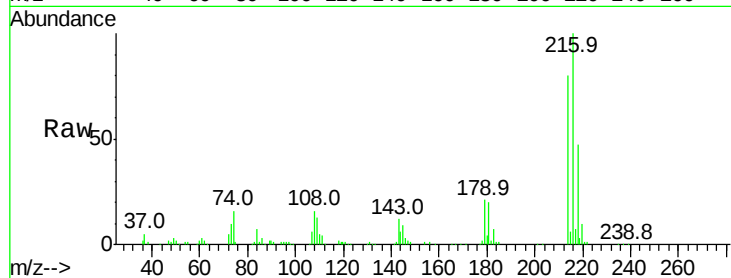
ClientSampleId :

PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 79.8  | 63.0       | 94.4  |
| 179     | 20.1  | 18.1       | 27.1  |
| 108     | 15.5  | 17.2       | 25.8  |

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#40

Hexachlorocyclopentadiene

Concen: 30.415 ng

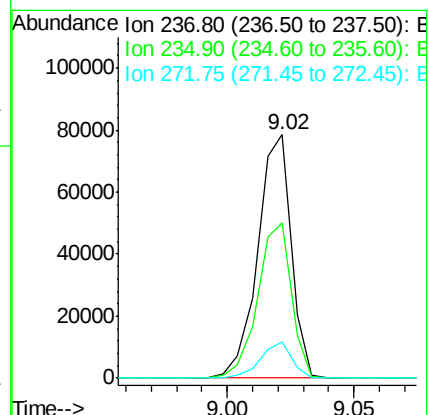
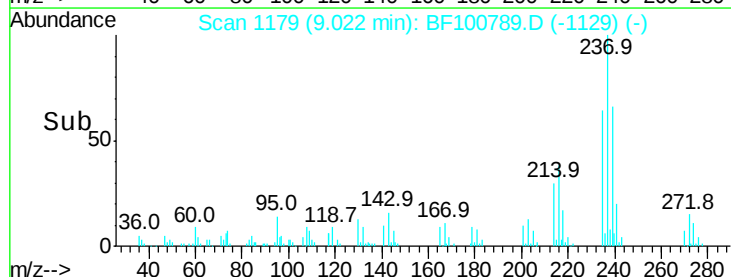
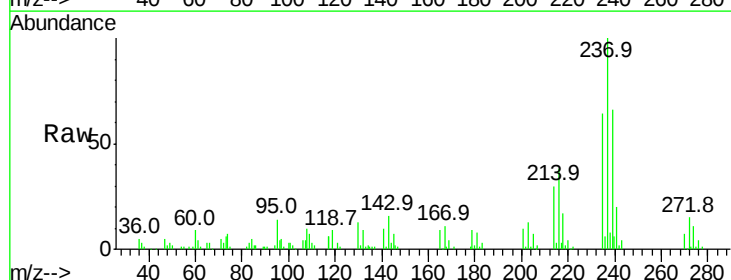
RT: 9.02 min Scan# 1179

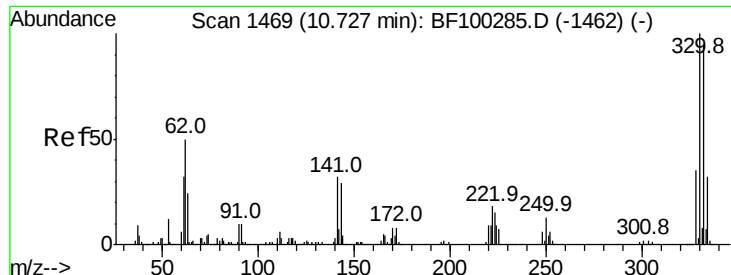
Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 63.6  | 44.8       | 84.8  |
| 272     | 14.8  | 0.0        | 33.3  |





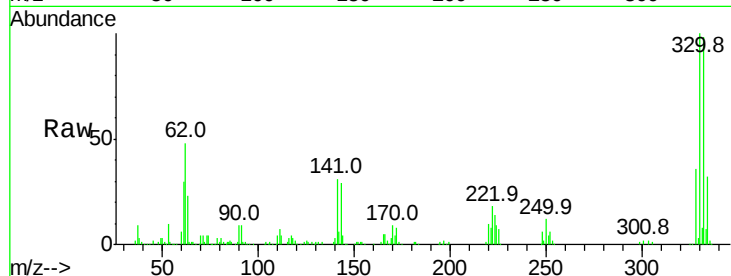
#41  
 2,4,6-Tribromophenol  
 Concen: 130.680 ng  
 RT: 10.70 min Scan# 1465  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

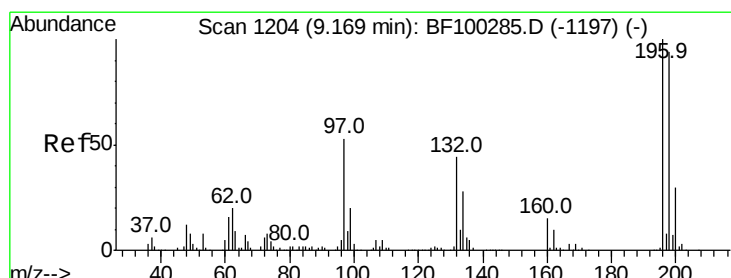
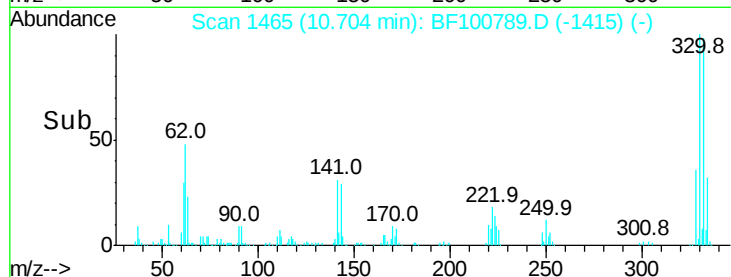
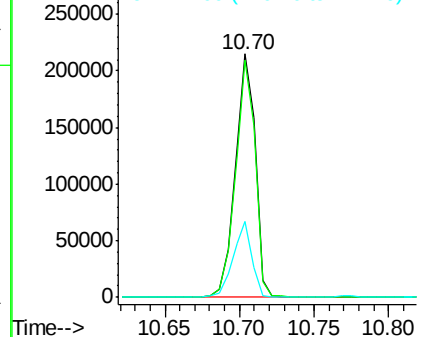
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.3  | 77.0 | 115.6 |       |
| 141     | 29.2  | 29.9 | 44.9# |       |

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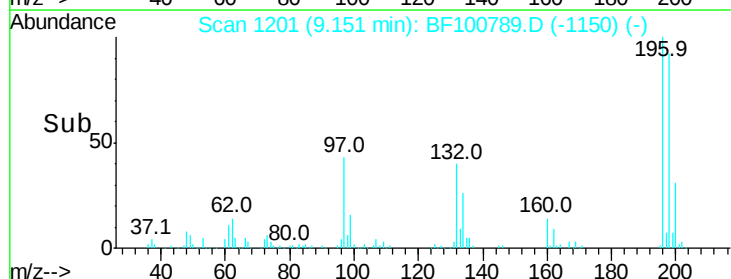
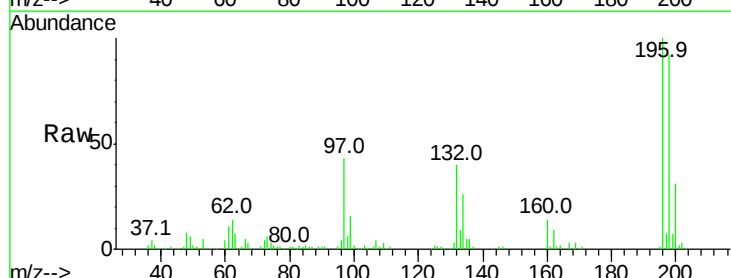
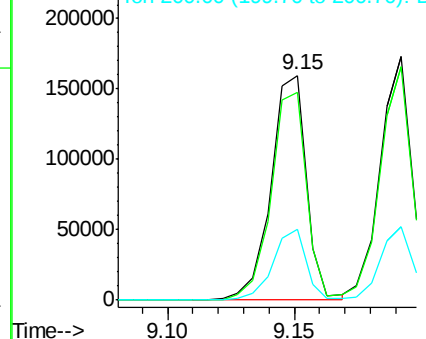
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

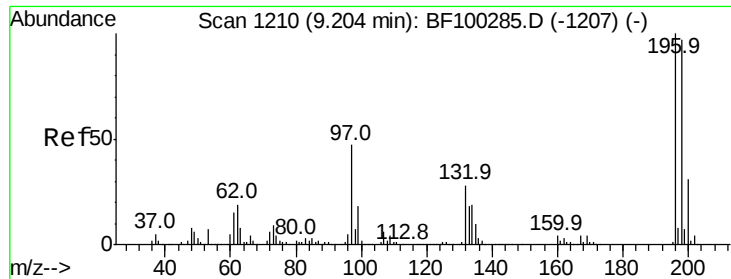


#42  
 2,4,6-Trichlorophenol  
 Concen: 48.029 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.00 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 92.3  | 75.7 | 113.5 |       |
| 200     | 31.4  | 24.5 | 36.7  |       |

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





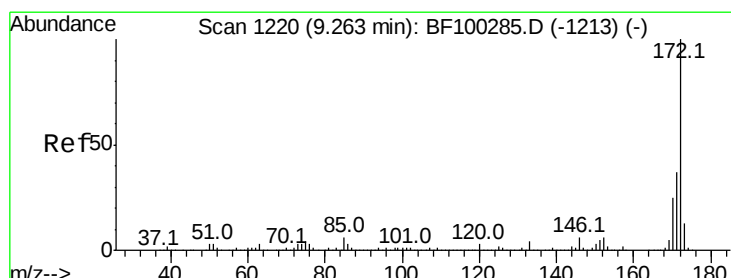
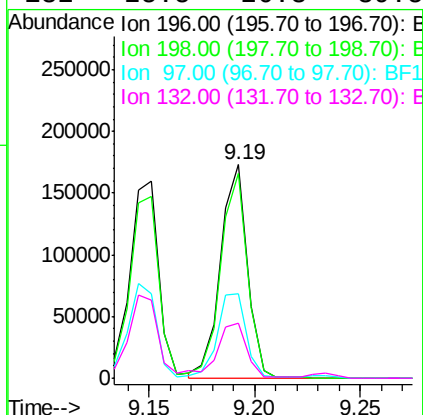
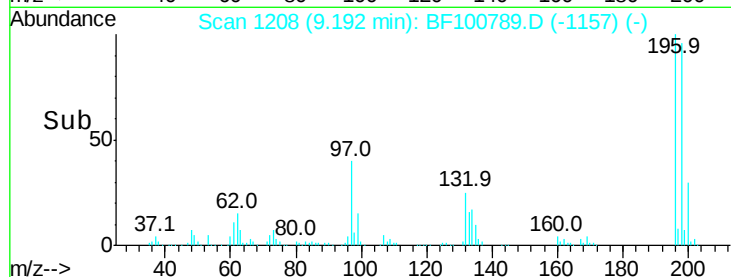
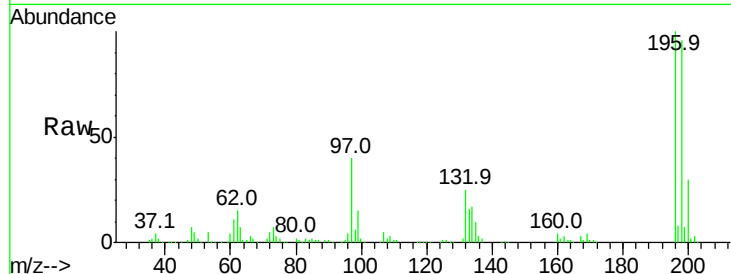
#43  
2,4,5-Trichlorophenol  
Concen: 45.745 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. -0.00 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 152518 |       |       |
| 198     | 96.0  | 74.6   | 112.0 |       |
| 97      | 39.7  | 42.9   | 64.3  | #     |
| 132     | 25.5  | 26.3   | 39.5  | #     |

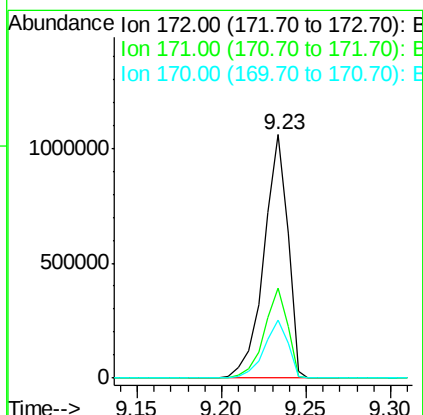
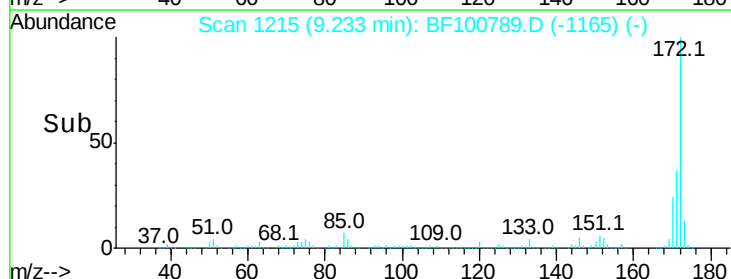
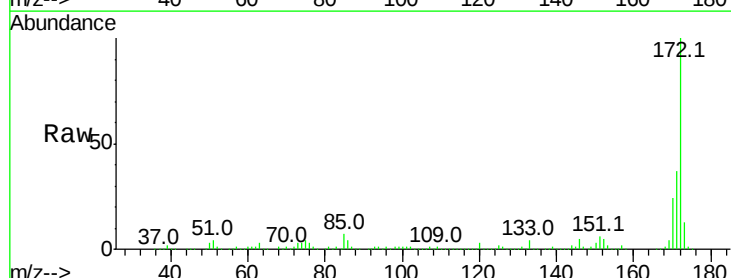
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#44  
2-Fluorobiphenyl  
Concen: 102.829 ng  
RT: 9.23 min Scan# 1215  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1033862 |       |       |
| 171     | 36.9  | 29.7    | 44.5  |       |
| 170     | 23.9  | 19.6    | 29.4  |       |





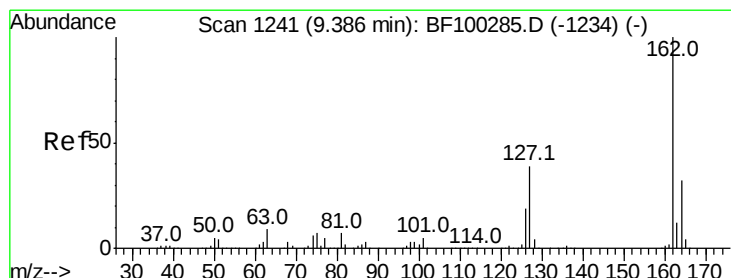
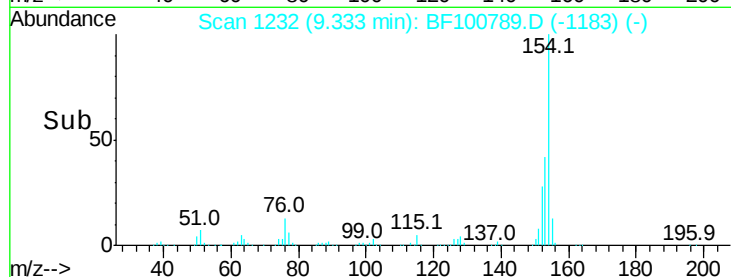
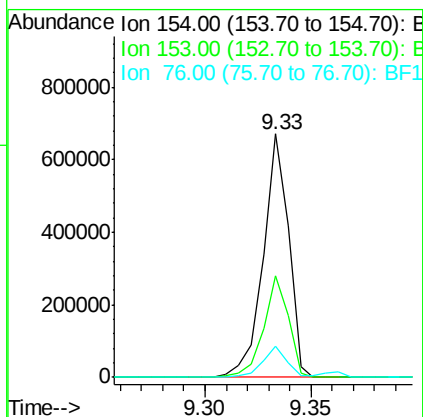
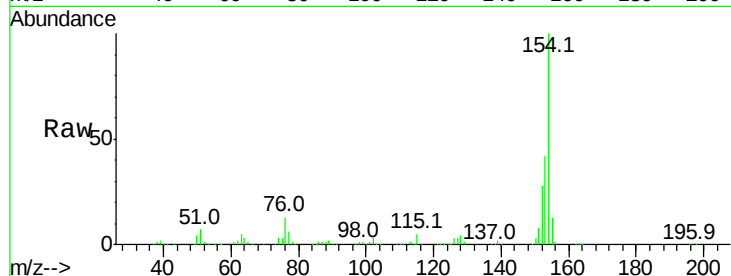
#45  
1,1'-Biphenyl  
Concen: 42.376 ng  
RT: 9.33 min Scan# 1232  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 41.6  | 21.3       | 61.3  |
| 76      | 12.8  | 0.0        | 34.0  |

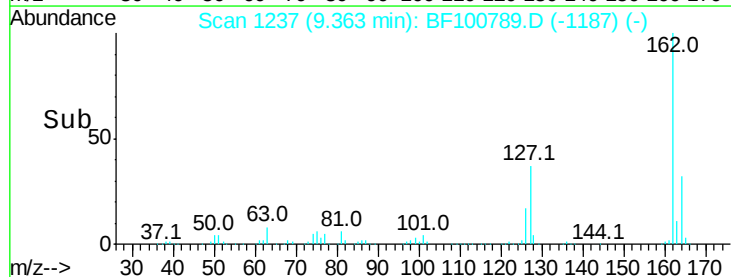
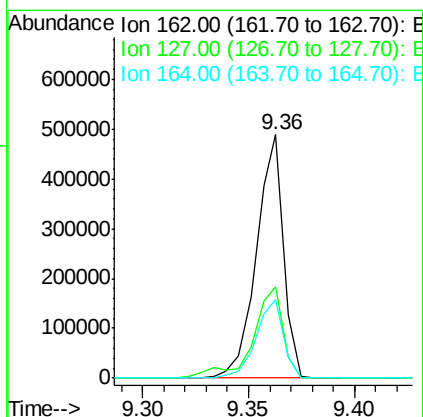
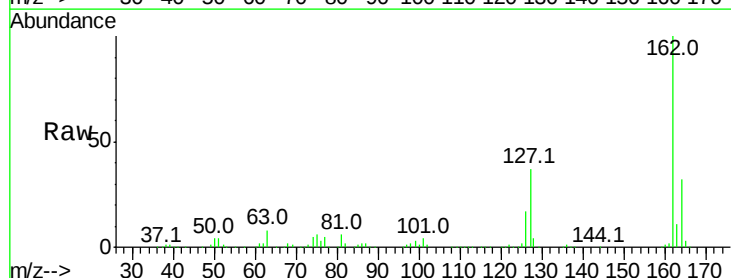
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#46  
2-Chloronaphthalene  
Concen: 45.128 ng  
RT: 9.36 min Scan# 1237  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 37.2  | 33.9       | 50.9  |
| 164     | 32.3  | 26.5       | 39.7  |





#47

2-Nitroaniline

Concen: 44.286 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

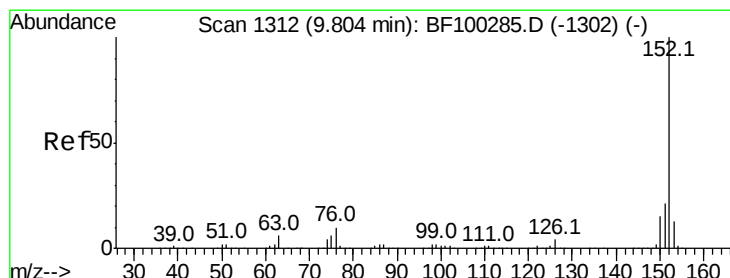
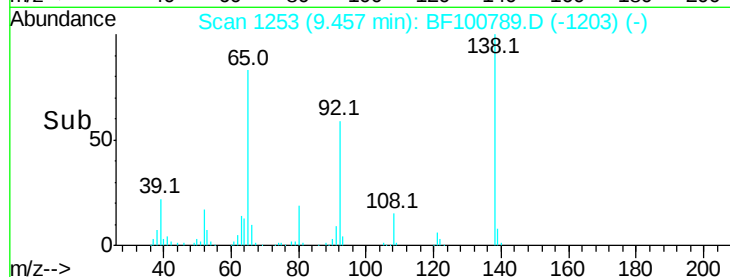
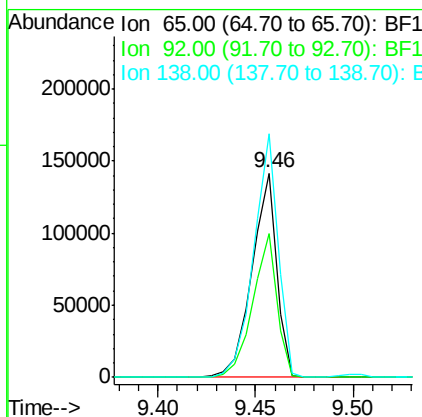
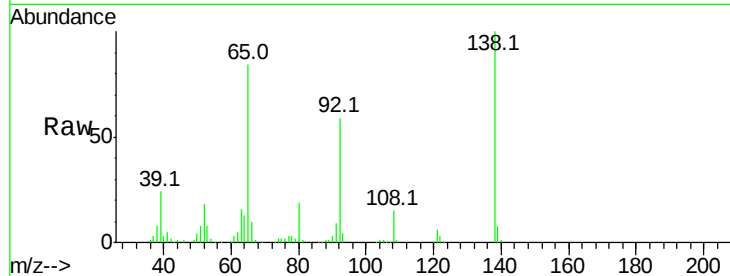
ClientSampleId :

PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.6  | 55.8  | 83.6  |
| 138     | 119.2 | 91.2  | 136.8 |

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#48

Acenaphthylene

Concen: 41.661 ng

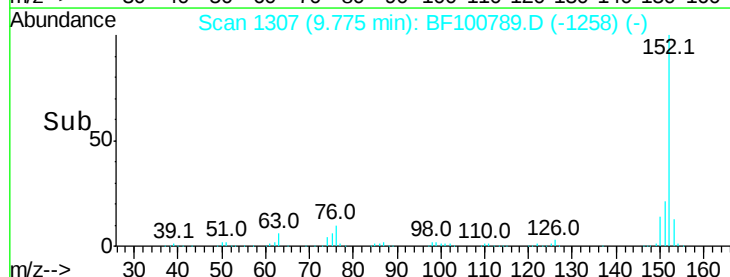
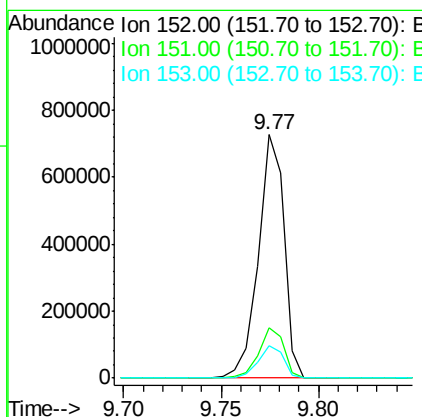
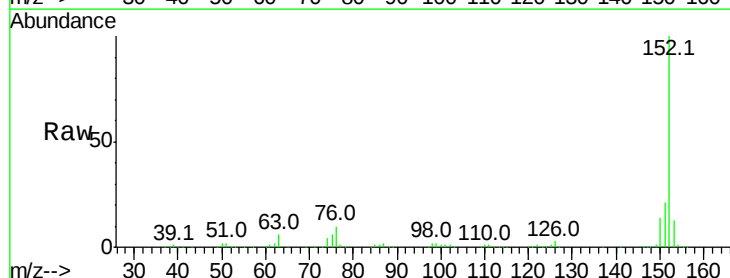
RT: 9.77 min Scan# 1307

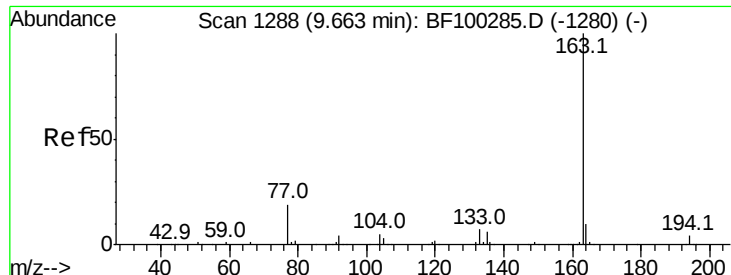
Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 16.3  | 24.5  |
| 153     | 13.1  | 10.7  | 16.1  |





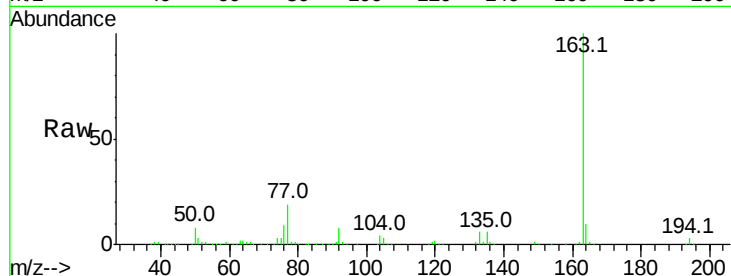
#49  
Dimethylphthalate  
Concen: 50.814 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

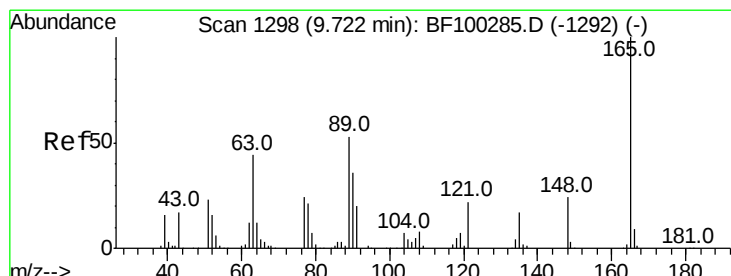
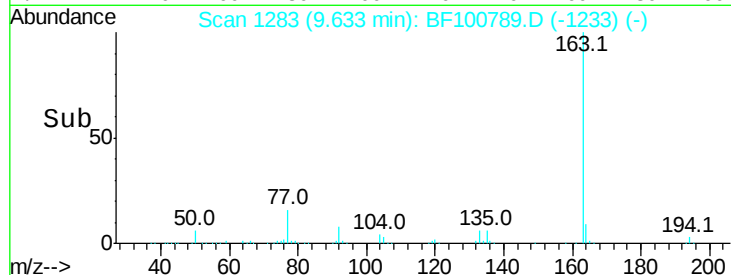
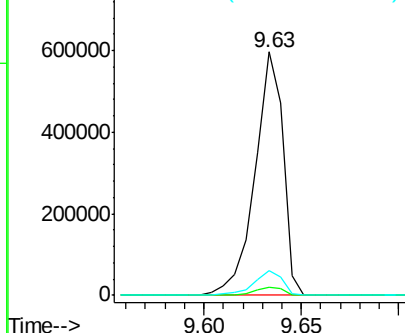
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 593976 |       |       |
| 194     | 3.5   |        | 2.7   | 4.1   |
| 164     | 10.1  |        | 8.2   | 12.2  |

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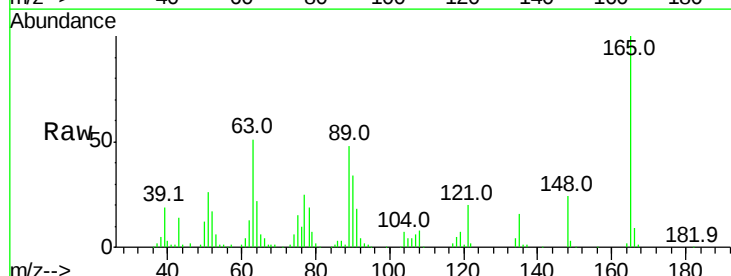


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

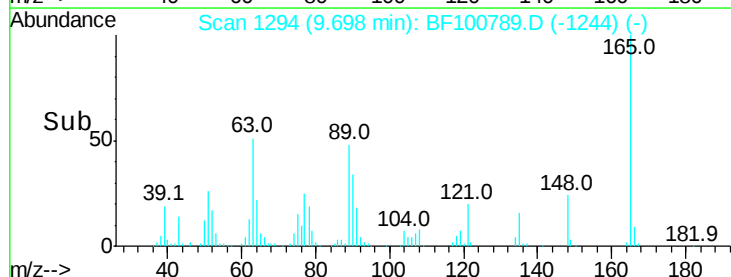
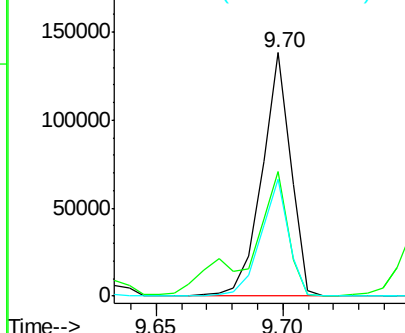


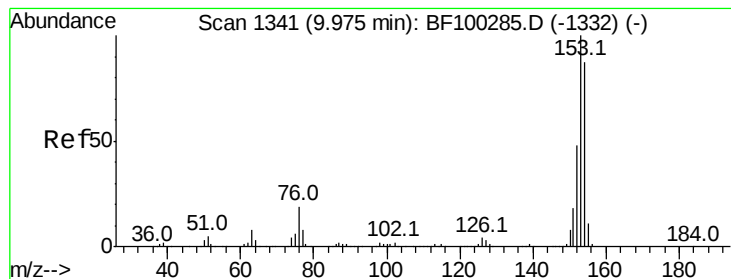
#50  
2,6-Dinitrotoluene  
Concen: 47.563 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 110052 |       |       |
| 63      | 51.3  |        | 44.7  | 67.1  |
| 89      | 48.3  |        | 44.0  | 66.0  |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.903 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

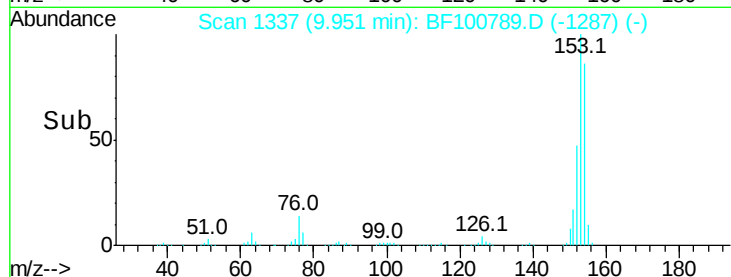
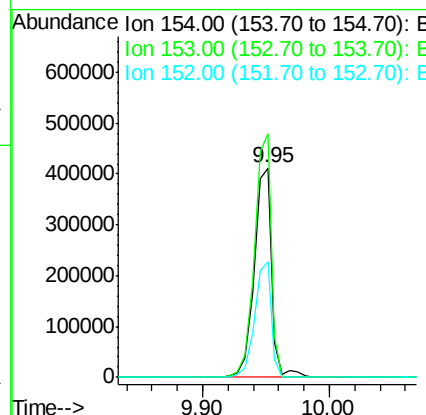
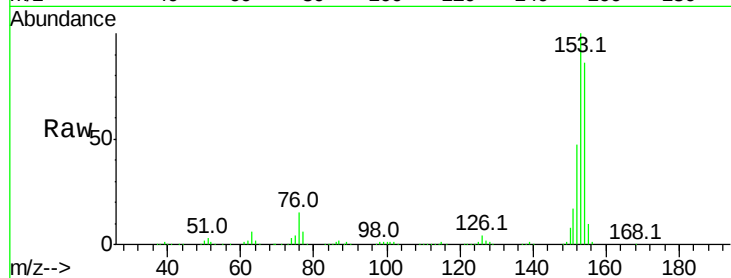
ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 396020 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 116.2 | 91.2  | 136.8  |
| 152       | 55.1  | 43.8  | 65.8   |

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#52

3-Nitroaniline

Concen: 18.824 ng

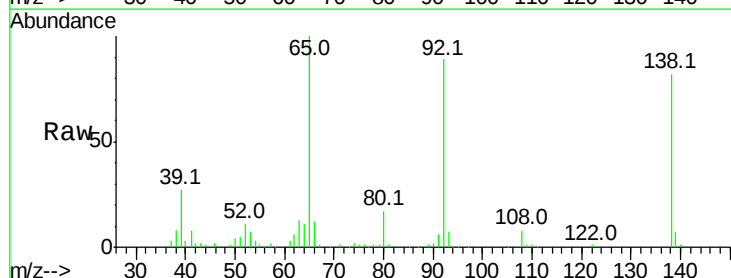
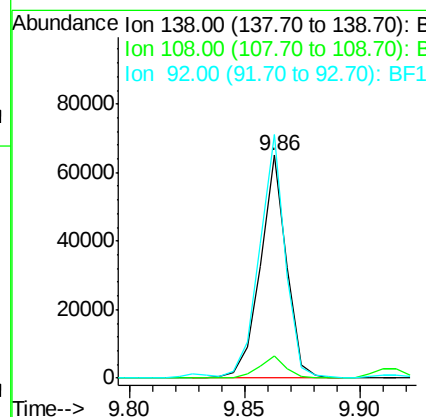
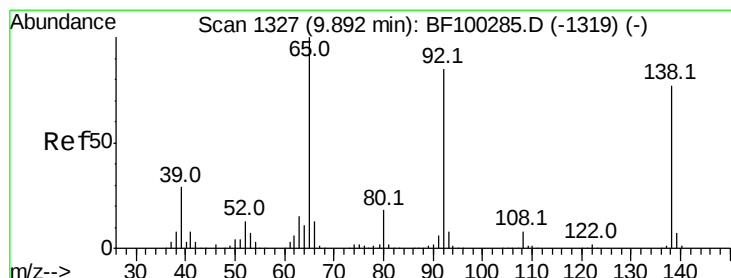
RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 51432 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.9   | 9.4   | 14.0  |
| 92        | 109.3 | 89.4  | 134.2 |





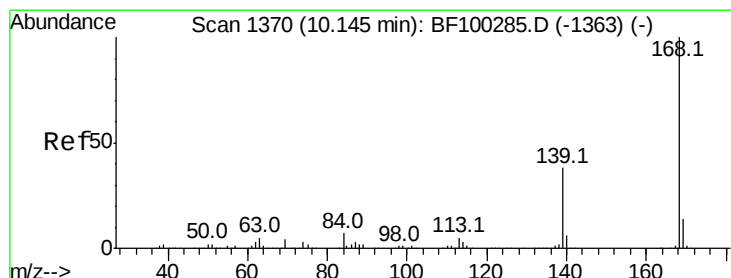
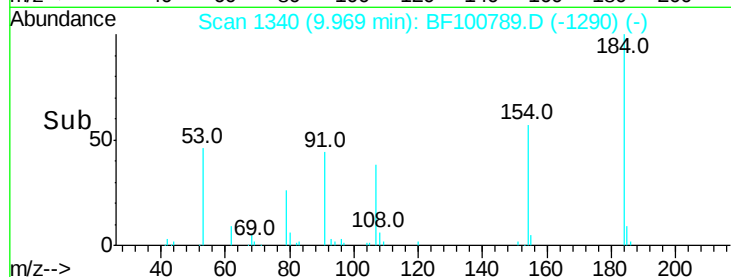
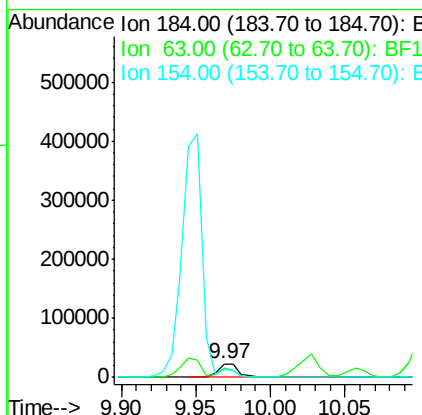
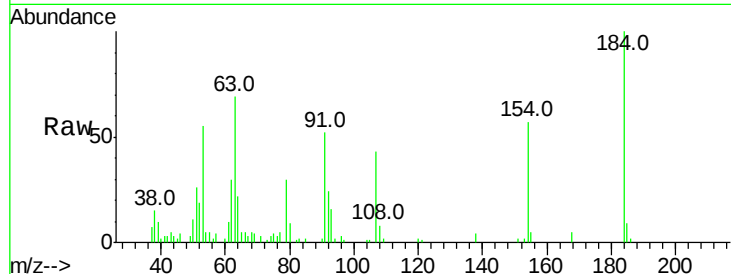
#53  
 2,4-Dinitrophenol  
 Concen: 34.224 ng  
 RT: 9.97 min Scan# 1340  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 69.3  | 54.2  | 81.2   |
| 154     | 56.8  | 184.0 | 276.0# |

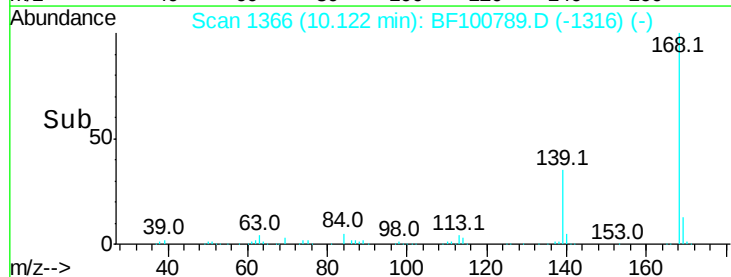
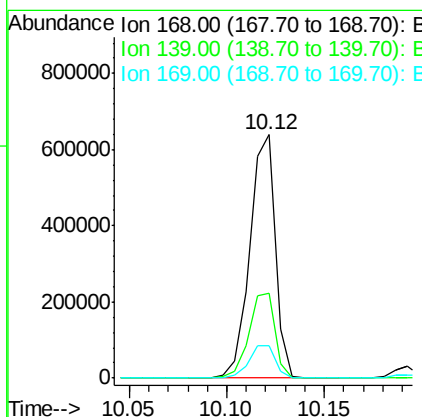
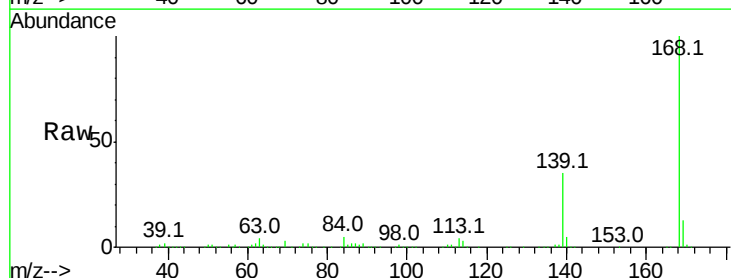
Manual Integrations  
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#54  
 Dibenzofuran  
 Concen: 42.578 ng  
 RT: 10.12 min Scan# 1366  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.1  | 30.1  | 45.1  |
| 169     | 13.3  | 10.9  | 16.3  |





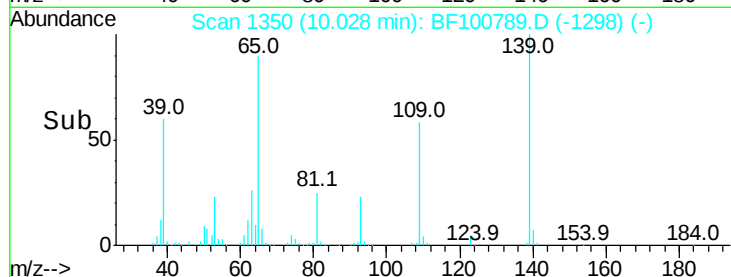
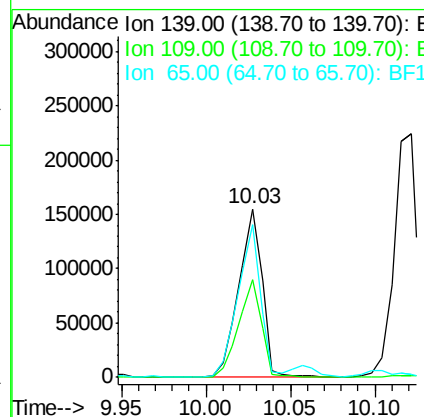
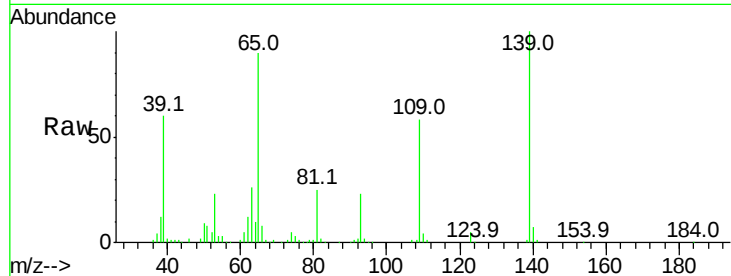
#55  
4-Nitrophenol  
Concen: 67.919 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. 0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 57.9  | 48.4  | 88.4  |
| 65      | 90.4  | 72.6  | 112.6 |

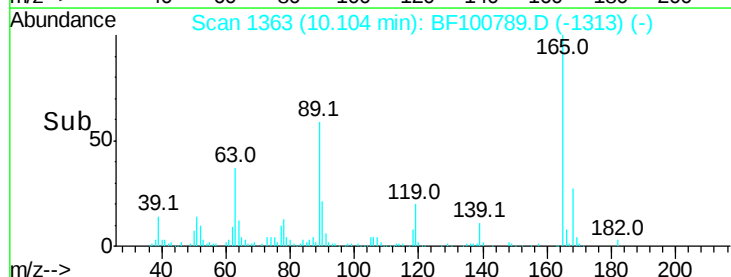
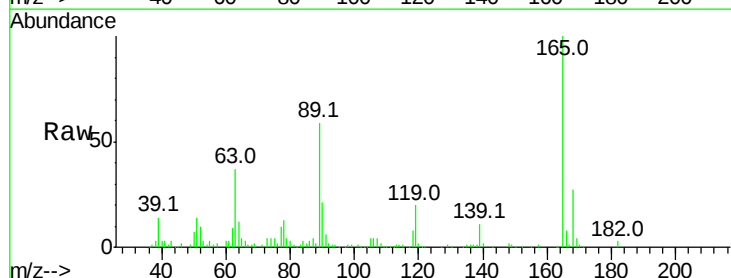
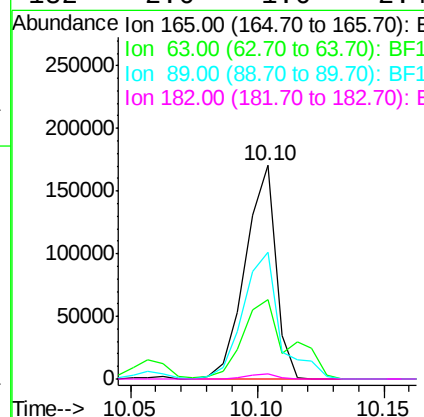
Manual Integrations  
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11/22/2017 5:04:21 PM



#56  
2,4-Dinitrotoluene  
Concen: 49.052 ng  
RT: 10.10 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 37.1  | 36.4  | 54.6  |
| 89      | 59.2  | 57.8  | 86.6  |
| 182     | 2.6   | 1.6   | 2.4#  |





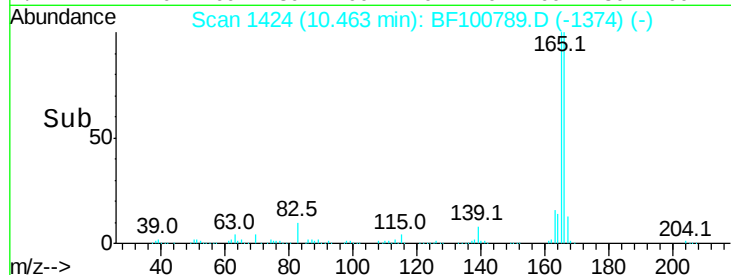
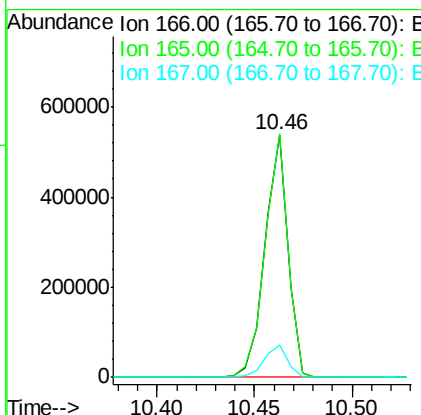
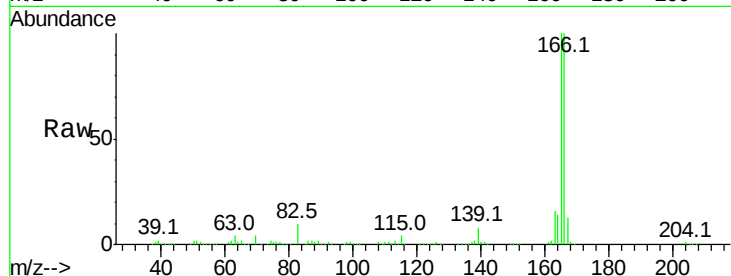
#57  
 Fluorene  
 Concen: 44.203 ng  
 RT: 10.46 min Scan# 1424  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 100.2 | 79.8 | 119.8 |       |
| 167     | 13.1  | 10.6 | 16.0  |       |

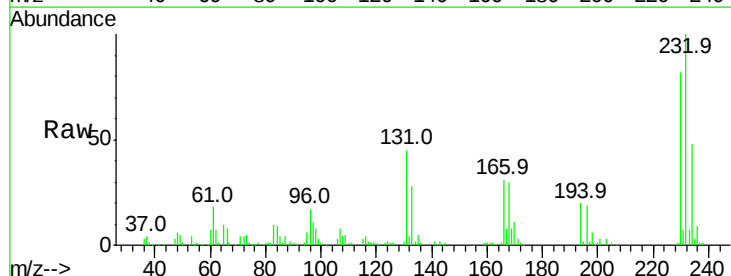
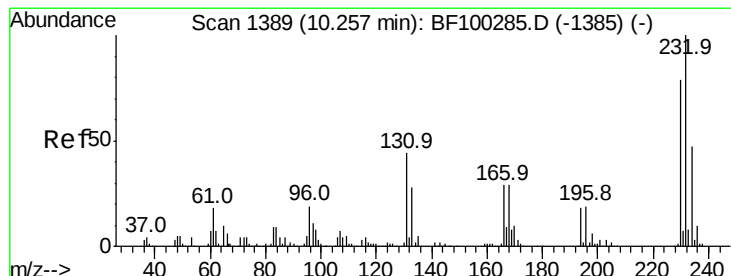
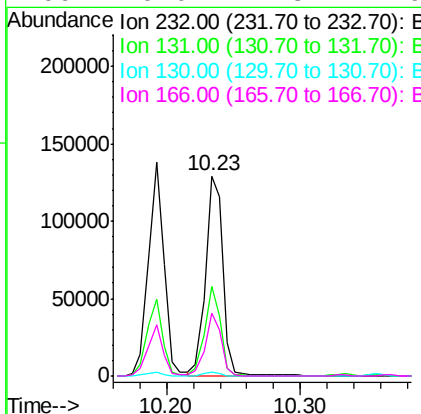
Manual Integrations  
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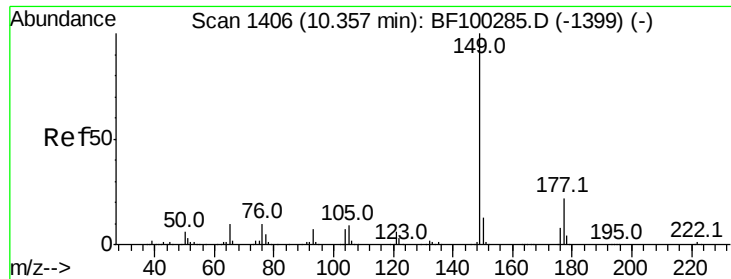
Sohil  
 11/22/2017 5:04:21 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.072 ng  
 RT: 10.23 min Scan# 1385  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 41.1  | 43.8 | 65.8# |       |
| 130     | 1.8   | 2.1  | 3.1#  |       |
| 166     | 29.0  | 27.8 | 41.6  |       |





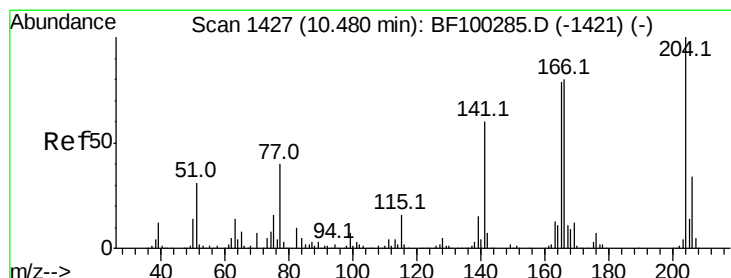
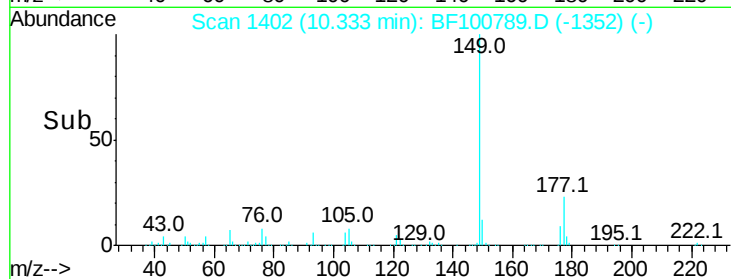
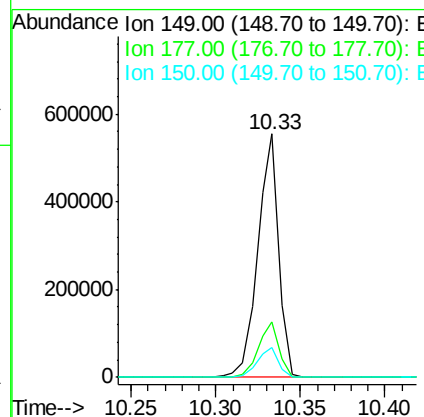
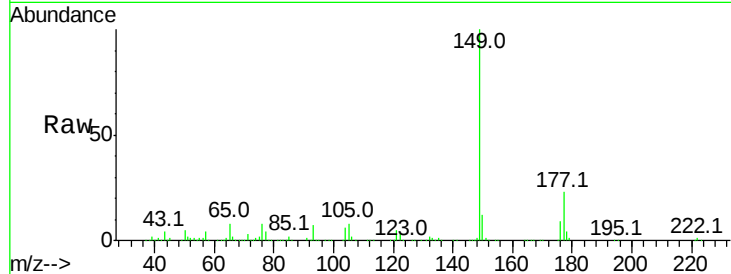
#59  
Diethylphthalate  
Concen: 41.047 ng  
RT: 10.33 min Scan# 1402  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 480150 |       |       |
| 177     | 22.6  | 16.1   | 24.1  |       |
| 150     | 12.2  | 10.1   | 15.1  |       |

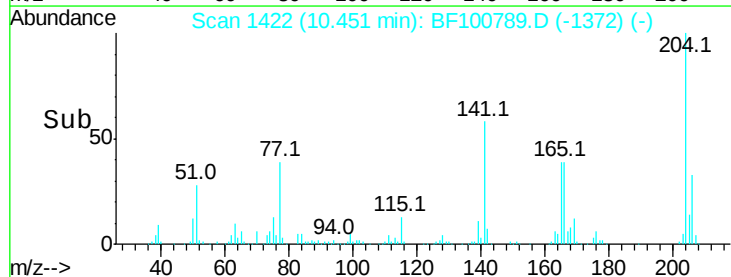
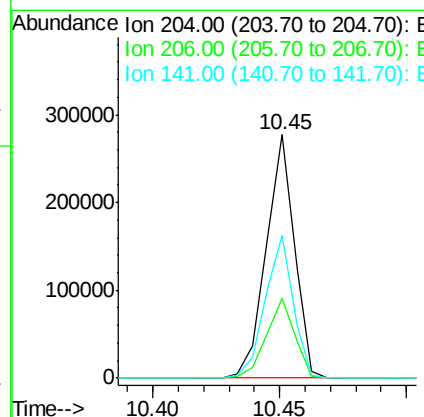
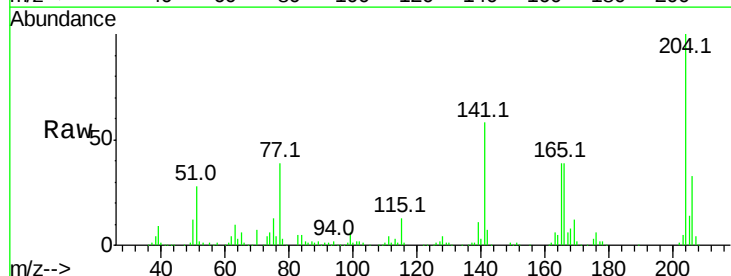
Manual Integrations  
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#60  
4-Chlorophenyl-phenylether  
Concen: 44.280 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 215936 |       |       |
| 206     | 32.7  | 26.5   | 39.7  |       |
| 141     | 58.5  | 54.6   | 81.8  |       |





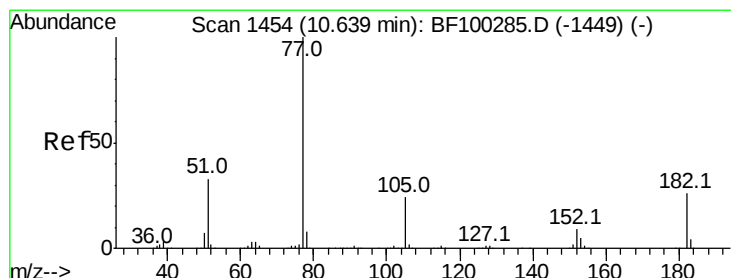
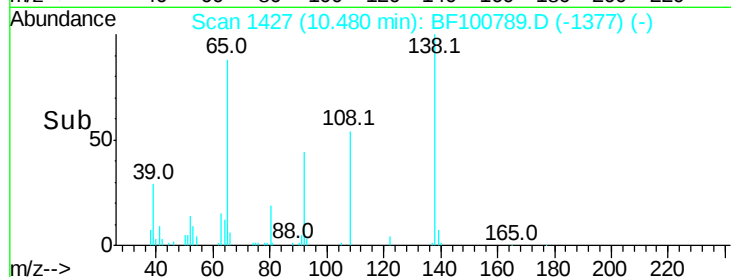
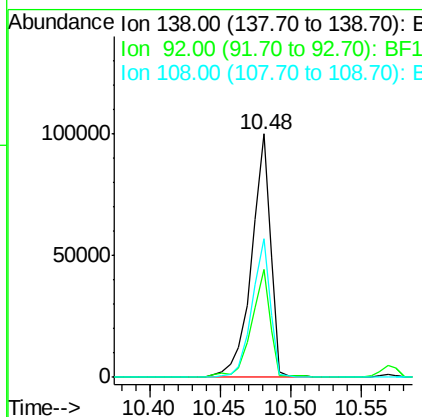
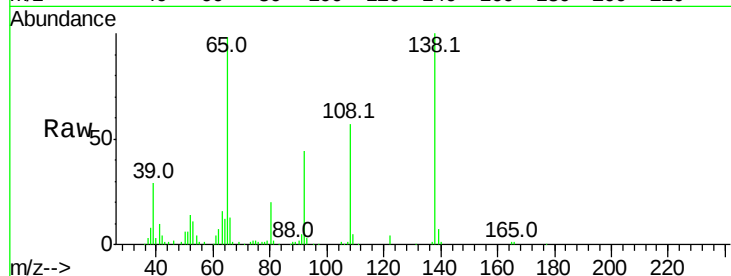
#61  
4-Nitroaniline  
Concen: 36.549 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 44.3  | 30.2  | 70.2  |
| 108     | 57.2  | 52.5  | 92.5  |

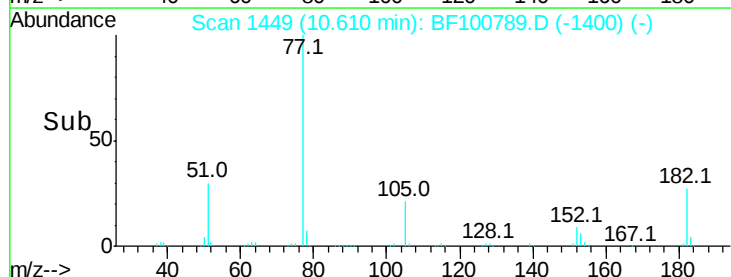
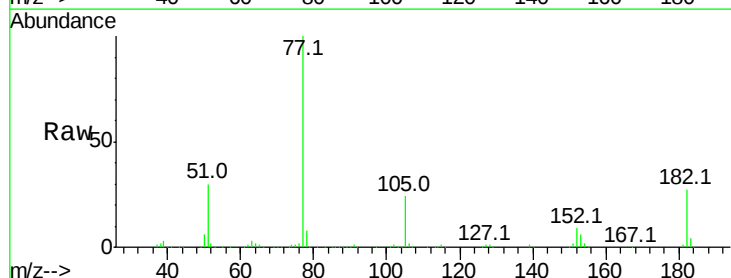
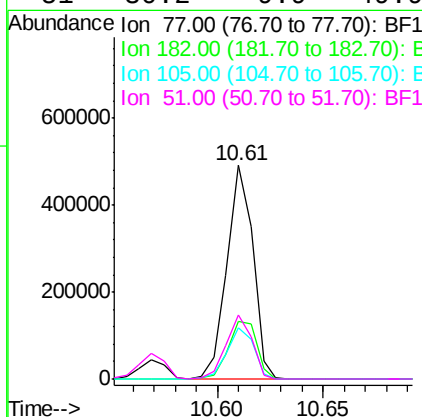
Manual Integrations  
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#62  
Azobenzene  
Concen: 37.874 ng  
RT: 10.61 min Scan# 1449  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.9  | 1.7   | 41.7  |
| 105     | 23.9  | 3.0   | 43.0  |
| 51      | 30.2  | 9.9   | 49.9  |





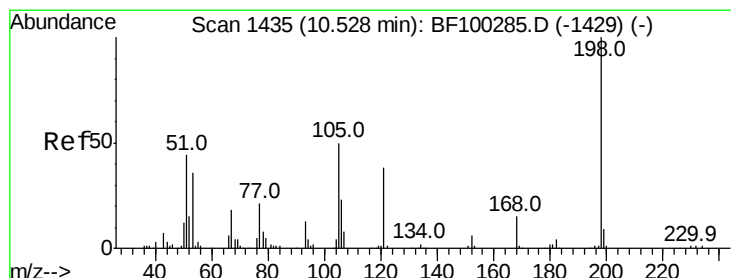
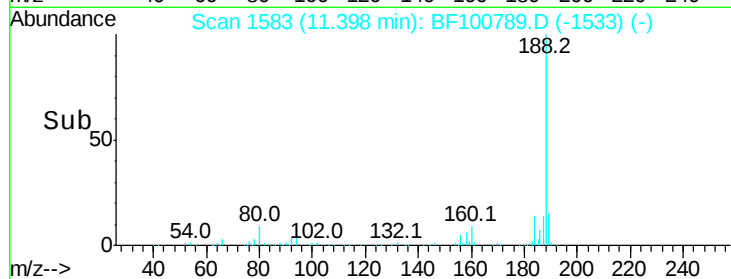
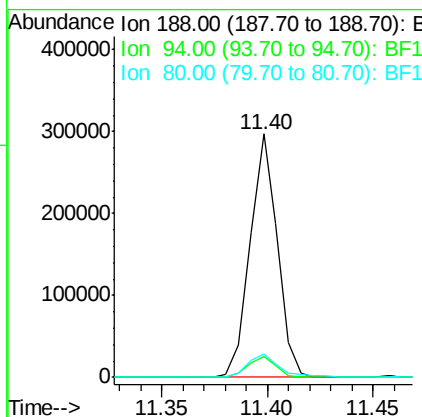
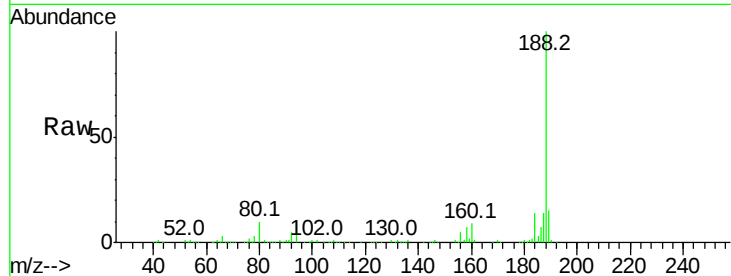
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.40 min Scan# 1583  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

|             |       |        |
|-------------|-------|--------|
| Tot Ion:188 | Resp: | 266464 |
| Ion Ratio   | Lower | Upper  |
| 188 100     |       |        |
| 94 8.8      | 8.5   | 12.7   |
| 80 9.6      | 9.2   | 13.8   |

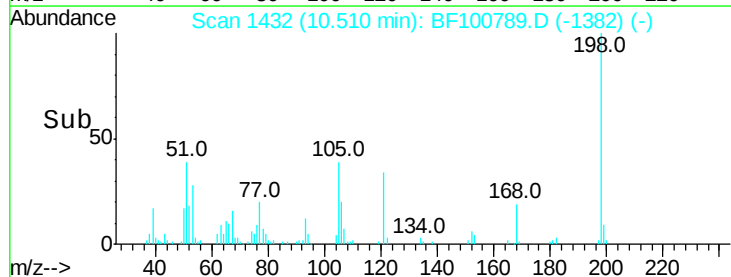
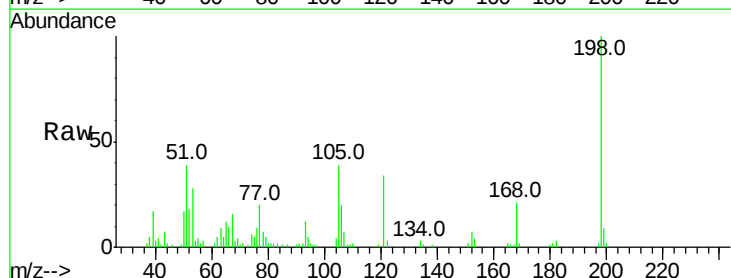
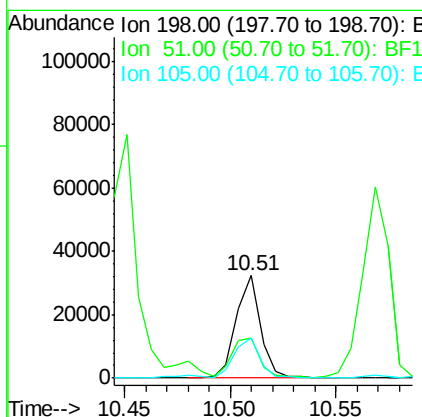
Manual Integrations  
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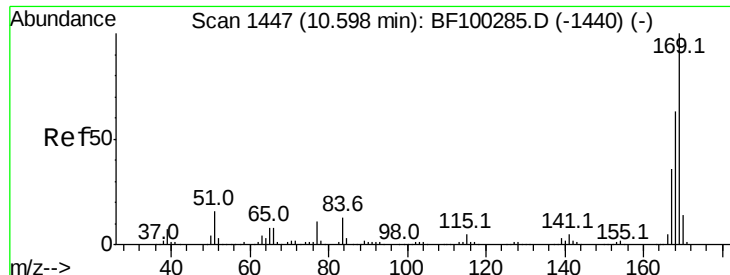
Sohil  
 11/22/2017 5:04:21 PM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 24.269 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:198 | Resp: | 25713 |
| Ion Ratio   | Lower | Upper |
| 198 100     |       |       |
| 51 38.7     | 37.7  | 77.7  |
| 105 38.7    | 36.3  | 76.3  |





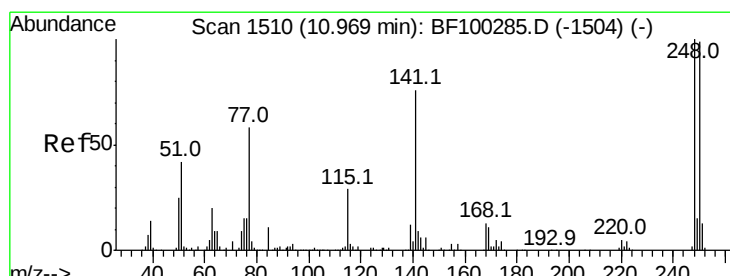
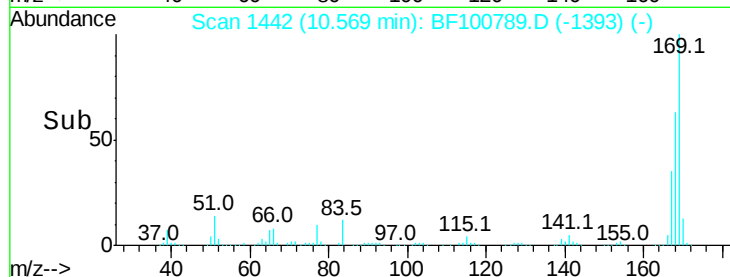
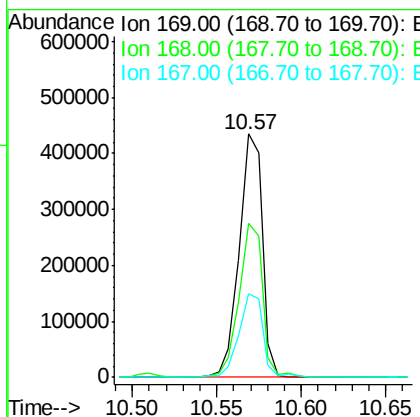
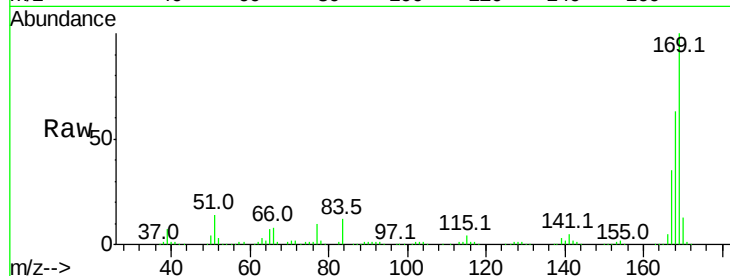
#65  
 n-Nitrosodiphenylamine  
 Concen: 44.721 ng  
 RT: 10.57 min Scan# 1442  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 63.5  | 54.4 | 81.6  |       |
| 167     | 34.6  | 29.8 | 44.6  |       |

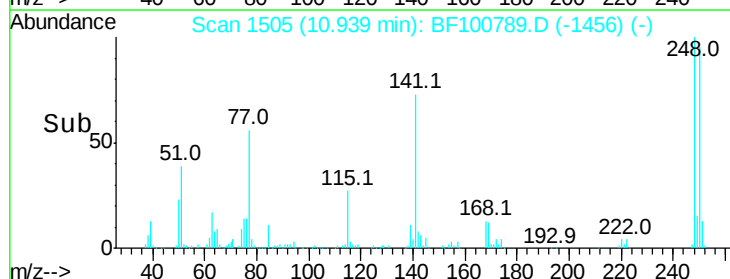
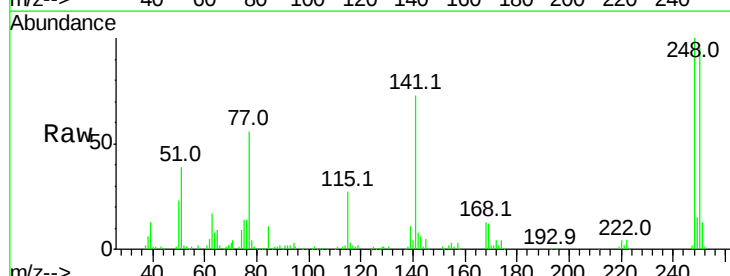
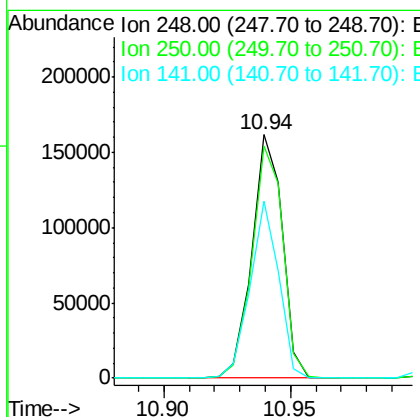
Manual Integrations  
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#66  
 4-Bromophenyl-phenylether  
 Concen: 47.397 ng  
 RT: 10.94 min Scan# 1505  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 248     | 100   |      |        |       |
| 250     | 95.5  | 76.9 | 115.3  |       |
| 141     | 72.6  | 74.4 | 111.6# |       |





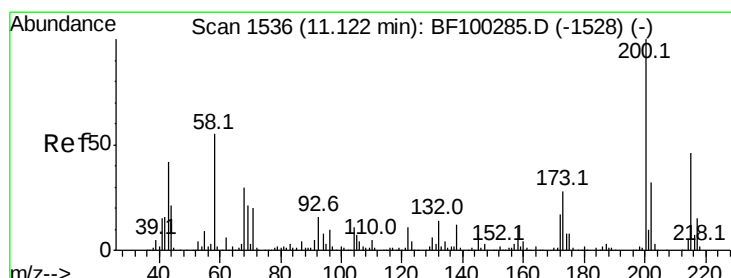
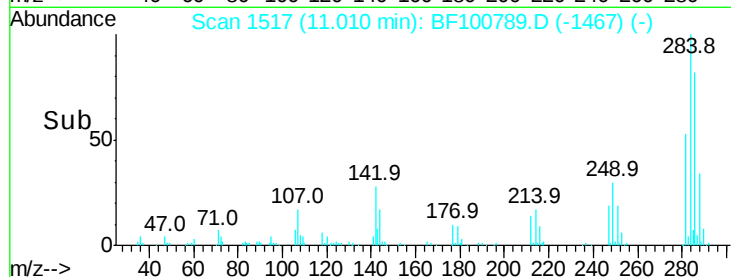
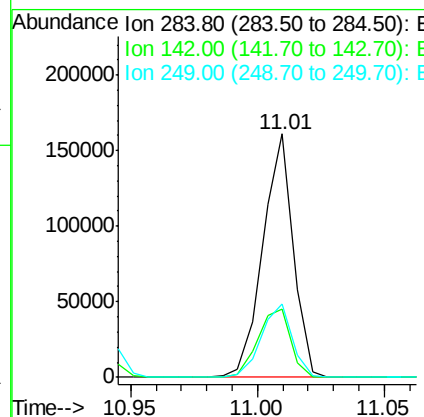
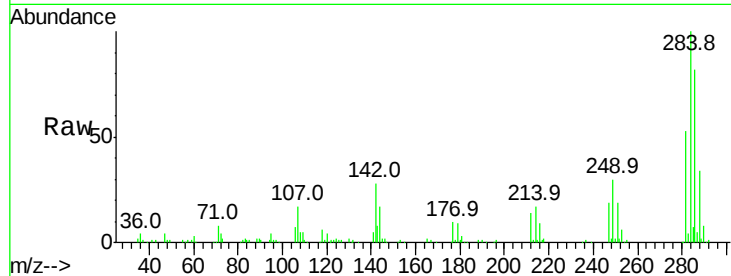
#67  
Hexachlorobenzene  
Concen: 44.857 ng  
RT: 11.01 min Scan# 1517  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 28.2  | 34.6 | 52.0  |       |
| 249     | 30.4  | 24.8 | 37.2  |       |

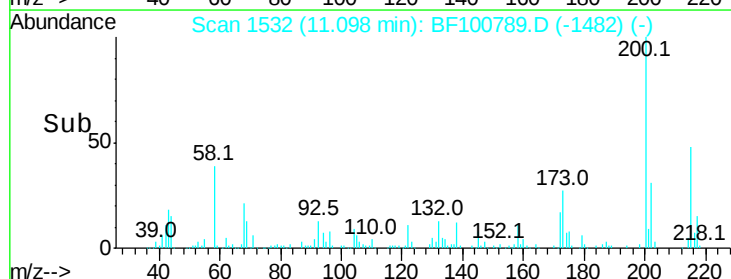
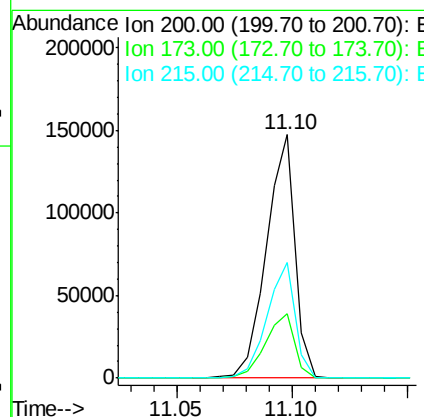
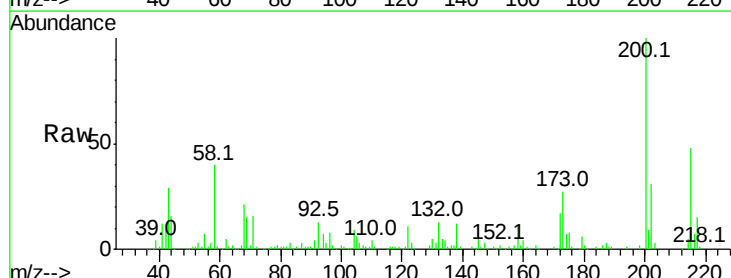
Manual Integrations  
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#68  
Atrazine  
Concen: 45.204 ng  
RT: 11.10 min Scan# 1532  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 26.7  | 8.6  | 48.6  |       |
| 215     | 47.7  | 25.1 | 65.1  |       |





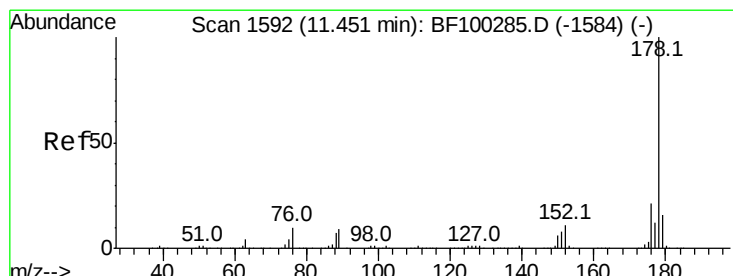
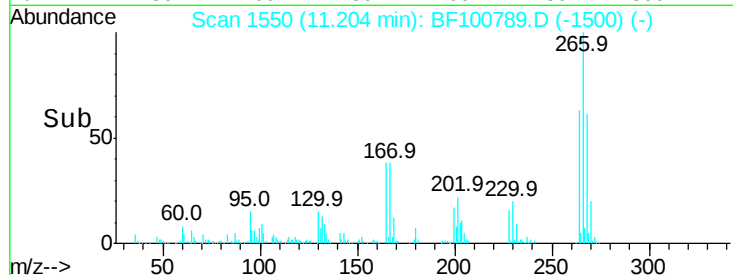
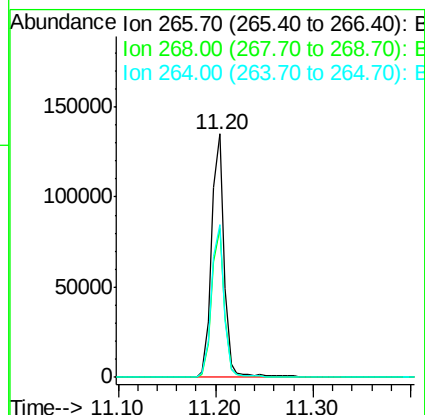
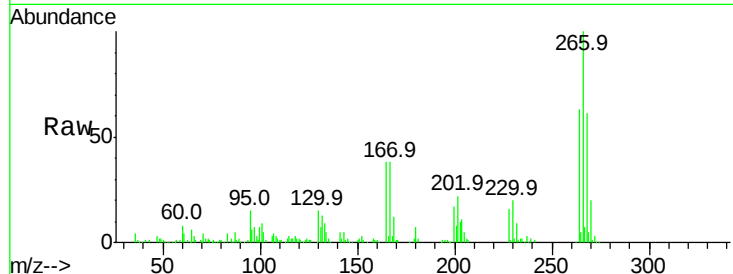
#69  
 Pentachlorophenol  
 Concen: 57.224 ng  
 RT: 11.20 min Scan# 1550  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 122586 |       |       |
| 268     | 61.4  | 51.1   | 76.7  |       |
| 264     | 62.7  | 49.5   | 74.3  |       |

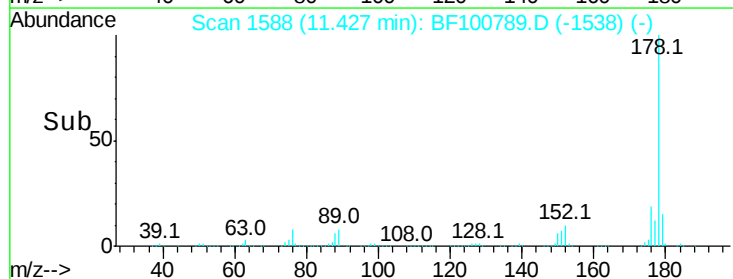
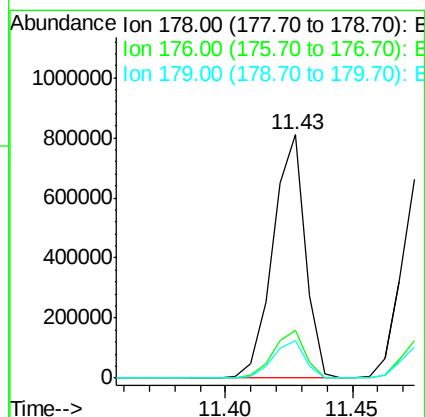
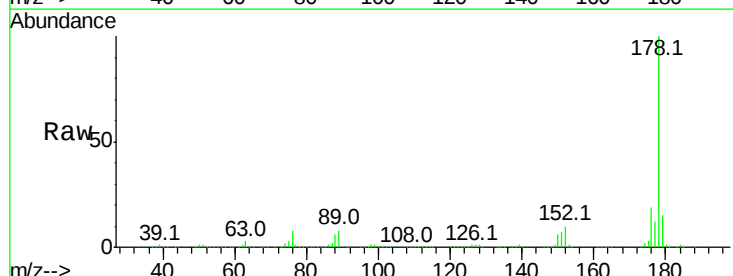
Manual Integrations  
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#70  
 Phenanthrene  
 Concen: 51.607 ng  
 RT: 11.43 min Scan# 1588  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 724026 |       |       |
| 176     | 19.4  | 15.8   | 23.8  |       |
| 179     | 15.3  | 13.0   | 19.6  |       |





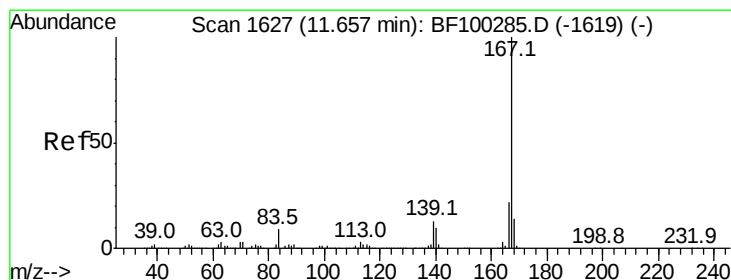
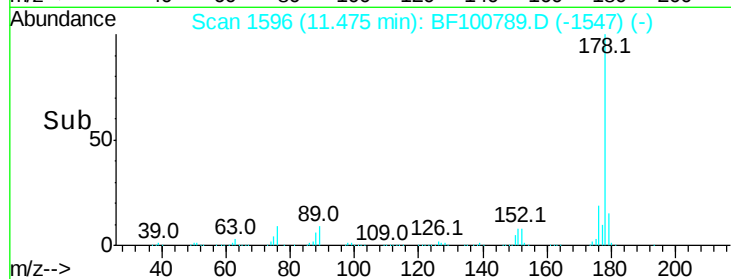
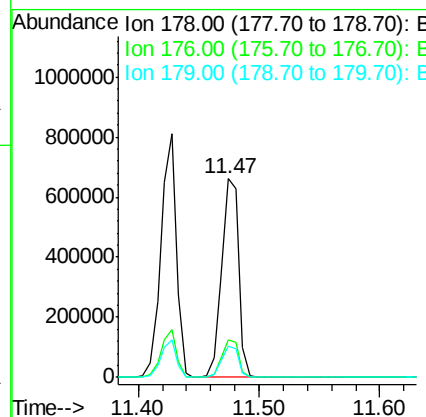
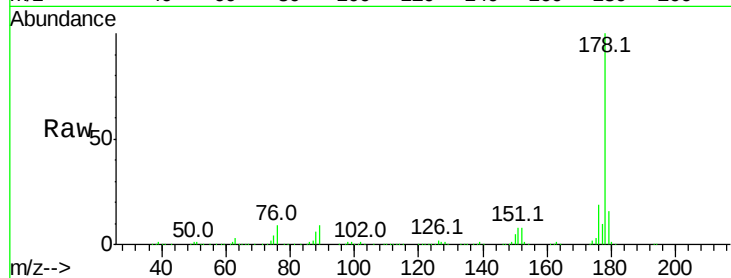
#71  
 Anthracene  
 Concen: 44.596 ng  
 RT: 11.47 min Scan# 1596  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.4  | 23.2  |
| 179     | 15.6  | 12.6  | 19.0  |

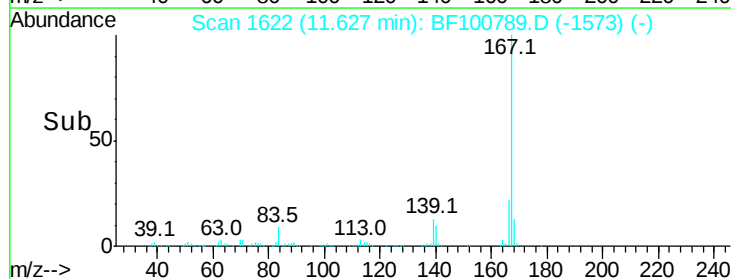
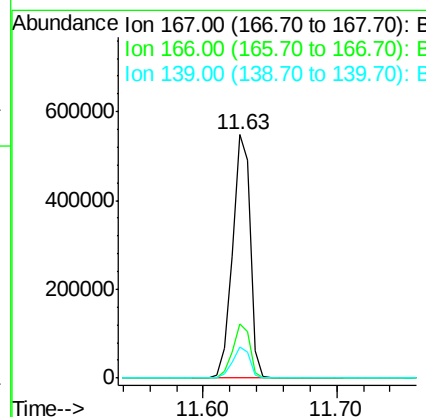
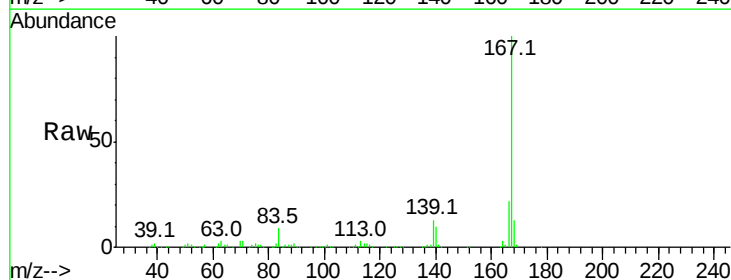
Manual Integrations  
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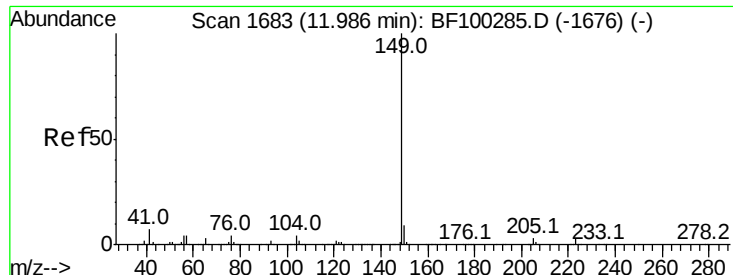
Sohil  
 11/22/2017 5:04:21 PM



#72  
 Carbazole  
 Concen: 39.312 ng  
 RT: 11.63 min Scan# 1622  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 17.6  | 26.4  |
| 139     | 13.0  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 45.251 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

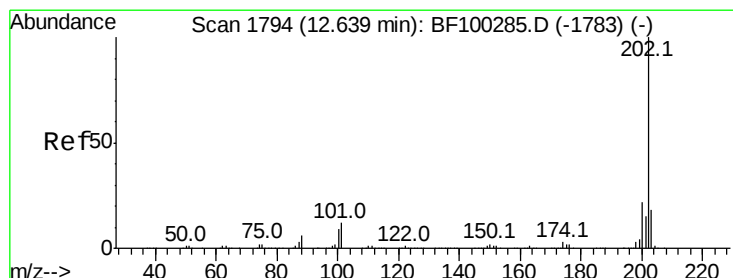
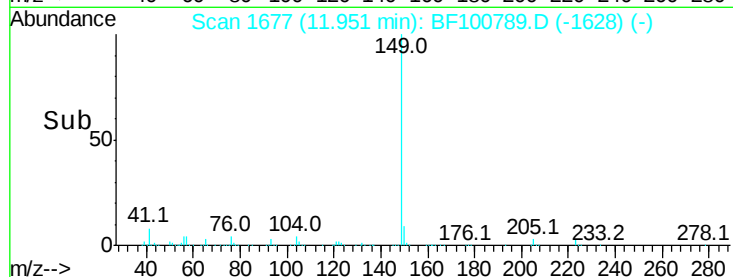
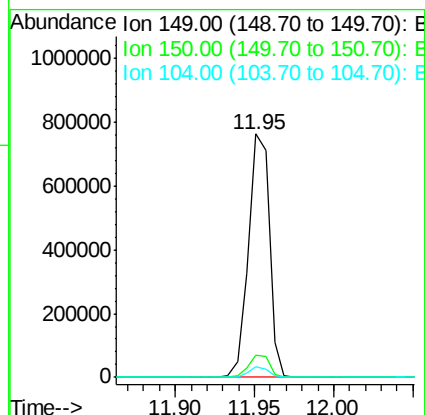
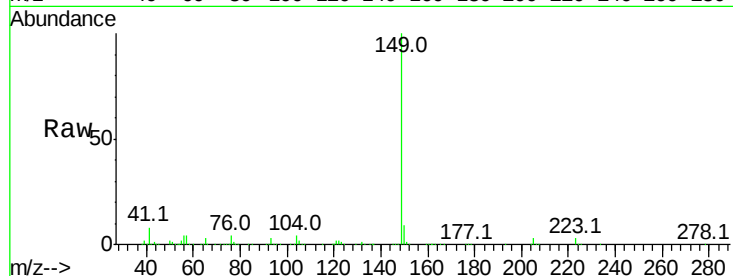
ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 695488 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.2   | 7.8   | 11.6   |
| 104       | 4.3   | 3.8   | 5.8    |

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#74

Fluoranthene

Concen: 47.987 ng

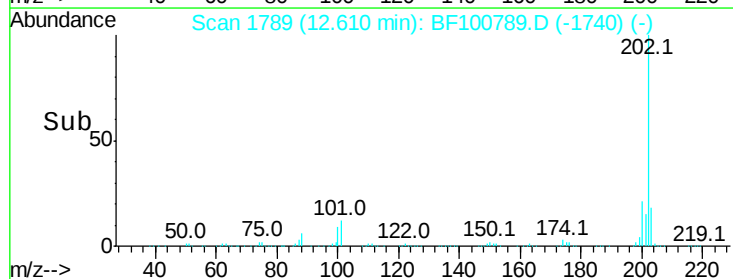
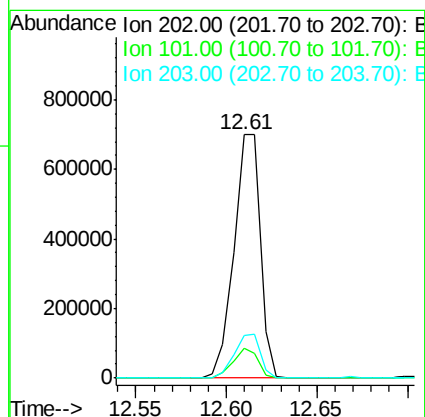
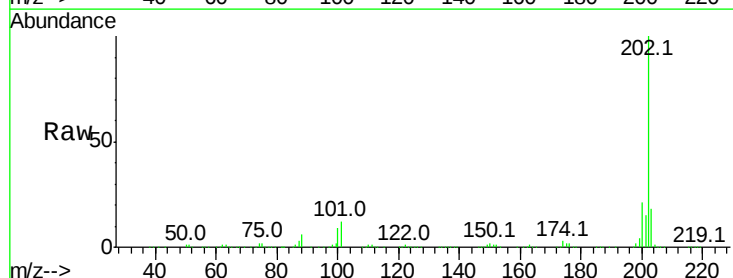
RT: 12.61 min Scan# 1789

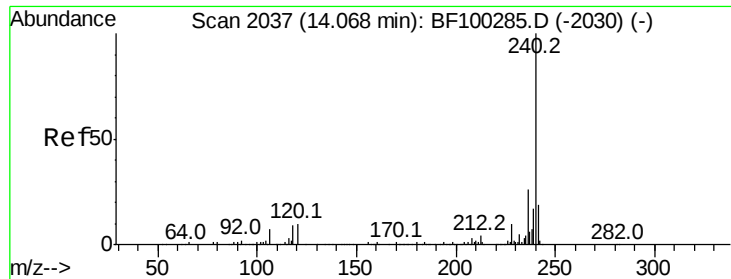
Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 713508 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.5  | 0.0   | 34.1   |
| 203       | 17.6  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

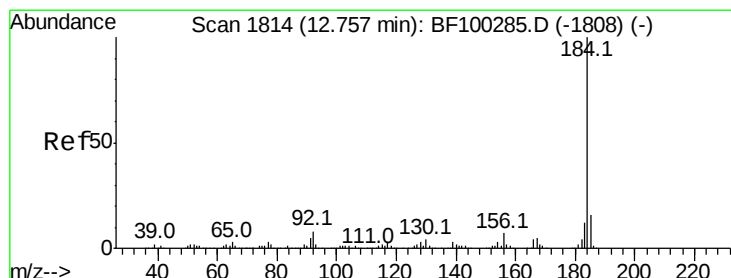
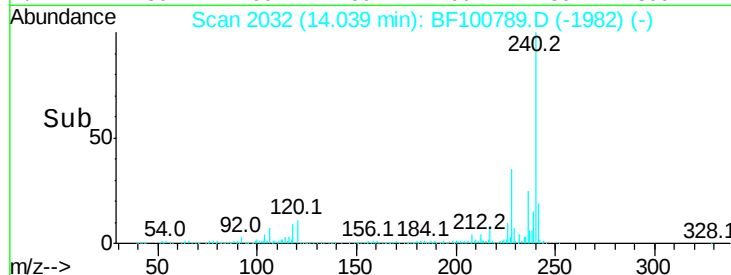
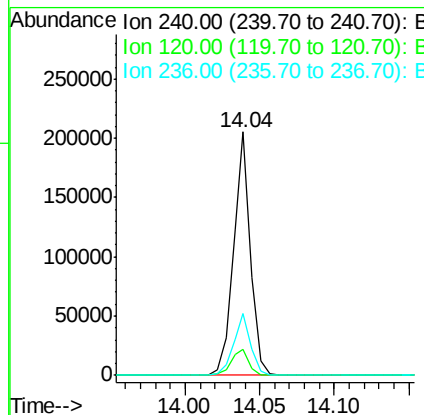
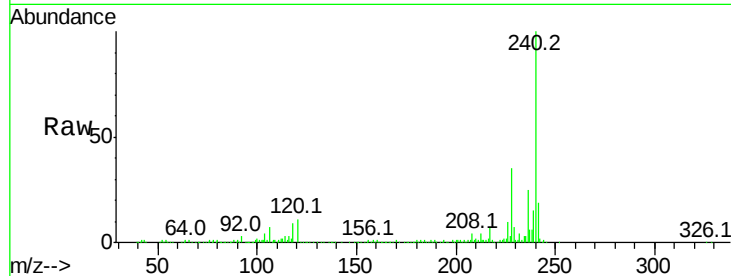
ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 163912 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.6  | 9.5   | 14.3   |
| 236       | 25.2  | 20.7  | 31.1   |

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#76

Benzidine

Concen: 30.403 ng

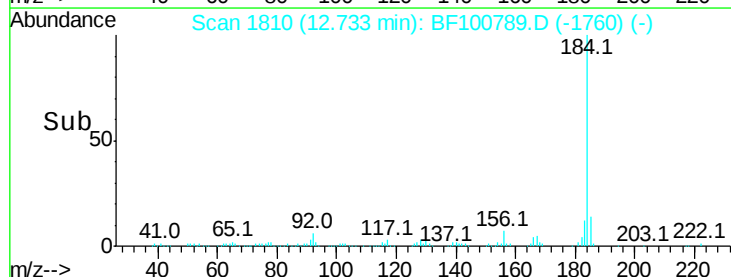
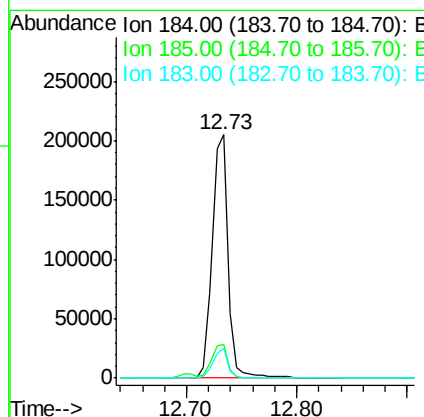
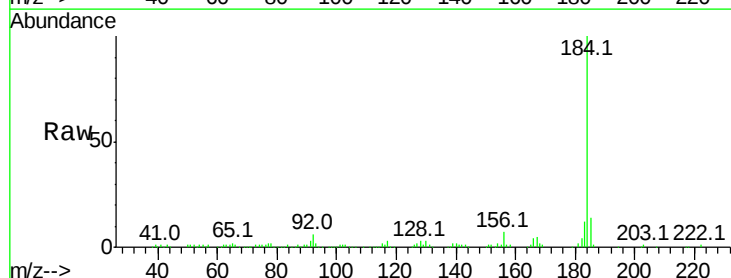
RT: 12.73 min Scan# 1810

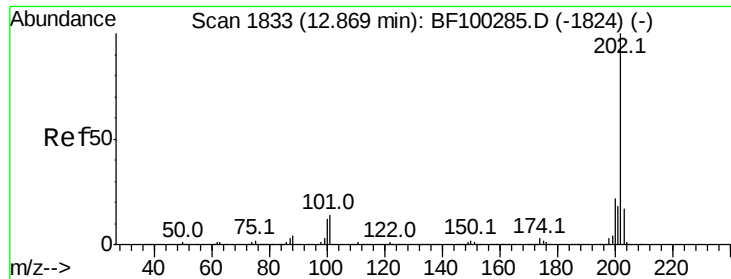
Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 199574 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.7  | 12.6  | 18.8   |
| 183       | 12.3  | 9.3   | 13.9   |





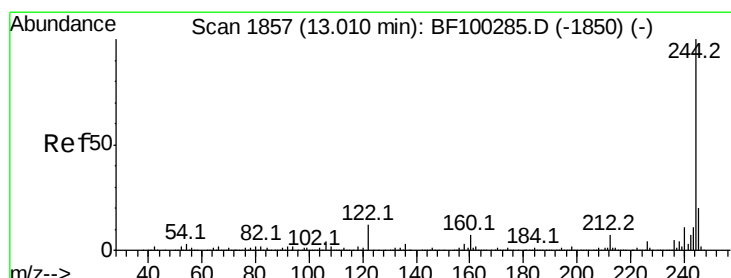
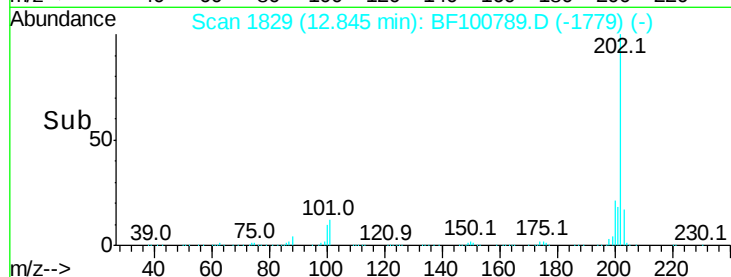
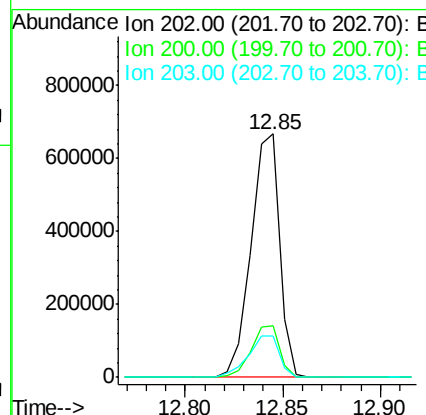
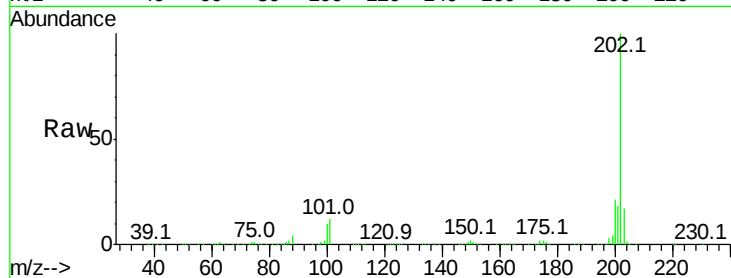
#77  
Pvrene  
Concen: 58.195 ng  
RT: 12.85 min Scan# 1829  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.4  | 17.4  | 26.2  |
| 203     | 17.2  | 14.3  | 21.5  |

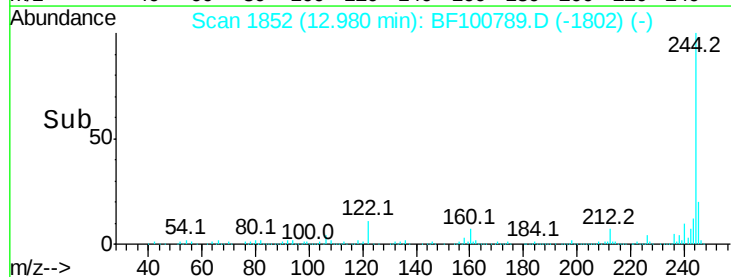
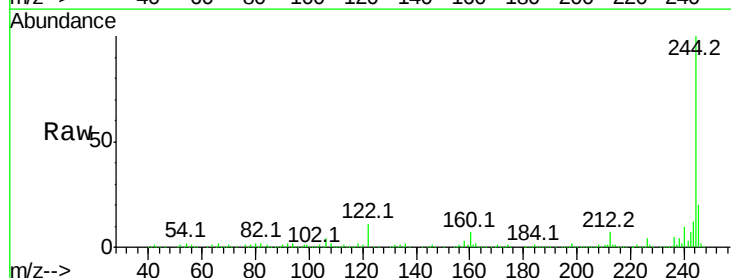
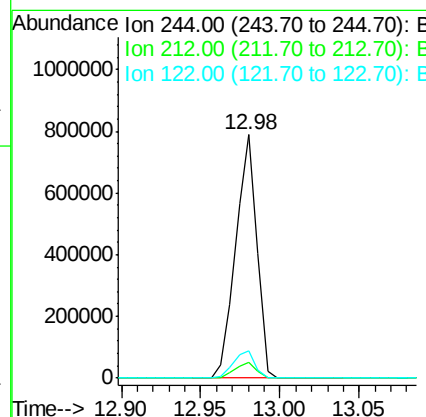
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#78  
Terphenyl-d14  
Concen: 102.623 ng  
RT: 12.98 min Scan# 1852  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.7   | 5.4   | 8.0   |
| 122     | 11.4  | 11.0  | 16.4  |





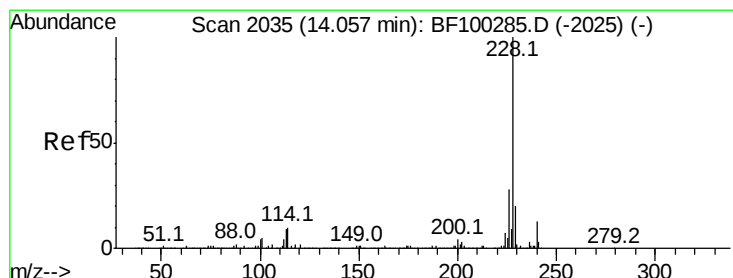
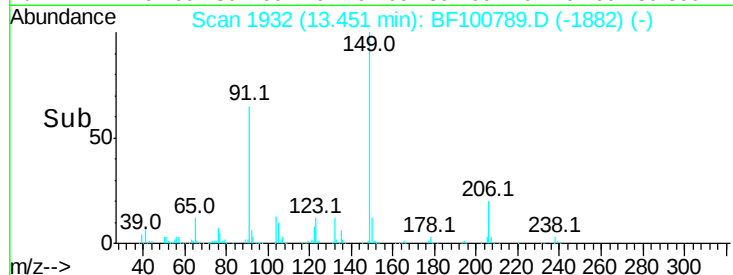
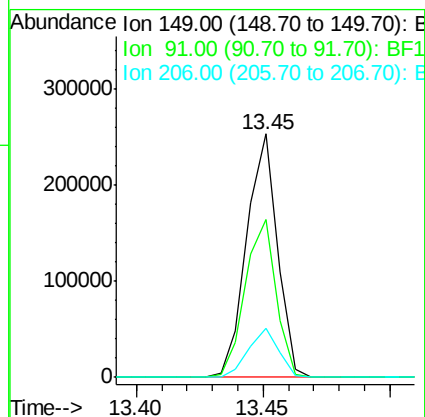
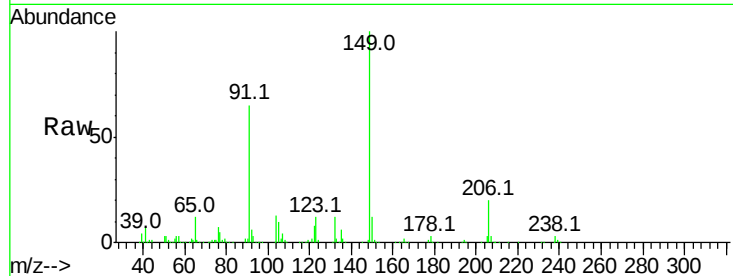
#79  
Butylbenzylphthalate  
Concen: 44.792 ng  
RT: 13.45 min Scan# 1932  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 213437 |       |       |
| 91      | 64.6  | 56.8   | 85.2  |       |
| 206     | 20.3  | 14.1   | 21.1  |       |

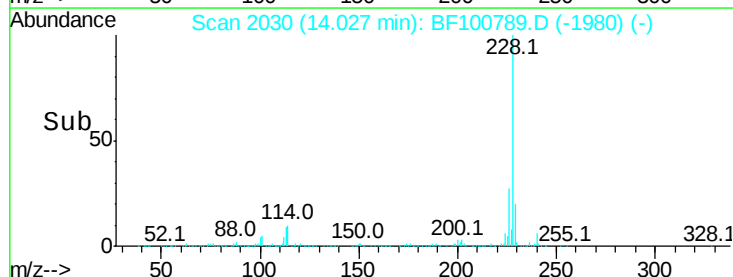
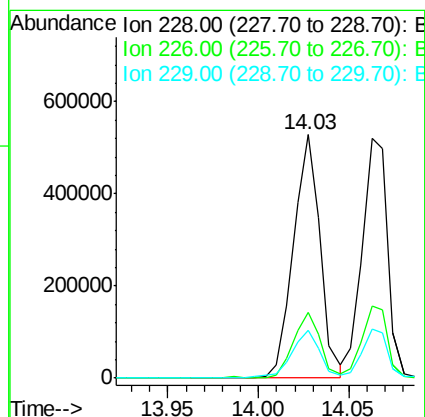
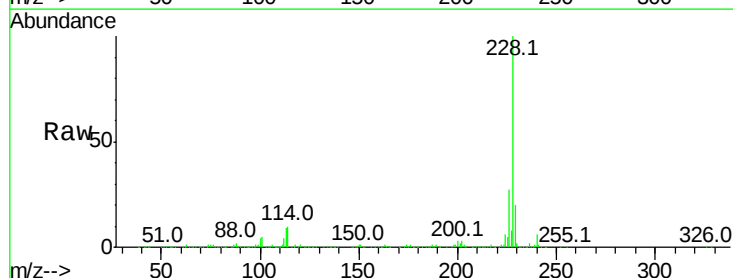
Manual Integrations  
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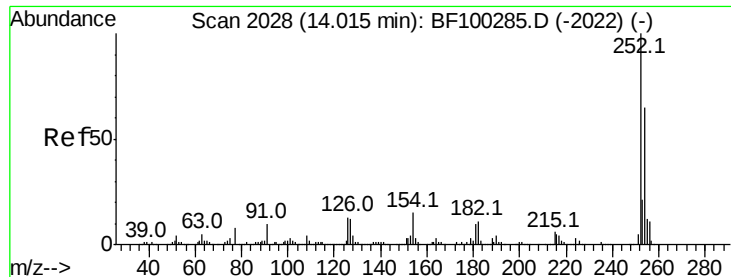
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#80  
Benzo(a)anthracene  
Concen: 55.385 ng  
RT: 14.03 min Scan# 2030  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 546691 |       |       |
| 226     | 27.0  | 22.6   | 33.8  |       |
| 229     | 19.8  | 15.8   | 23.6  |       |





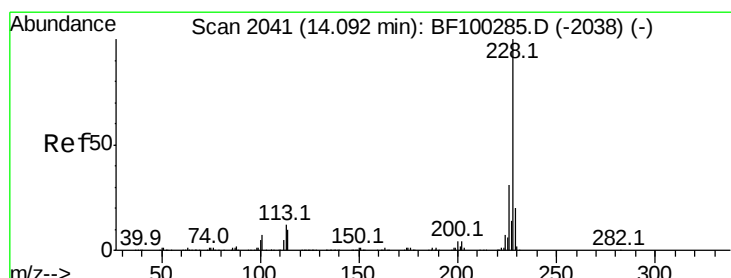
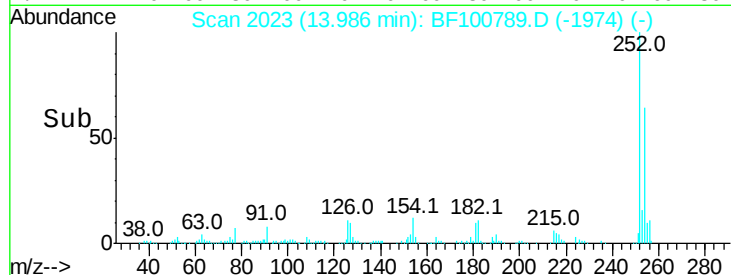
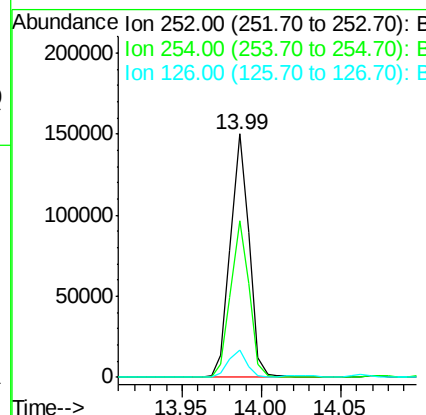
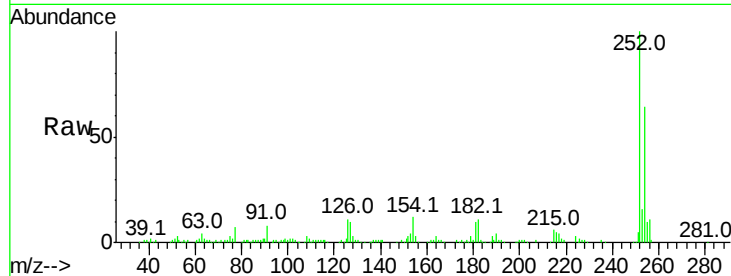
#81  
 3,3'-Dichlorobenzidine  
 Concen: 34.809 ng  
 RT: 13.99 min Scan# 2023  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 64.1  | 50.4       | 75.6  |
| 126     | 11.2  | 11.3       | 16.9  |

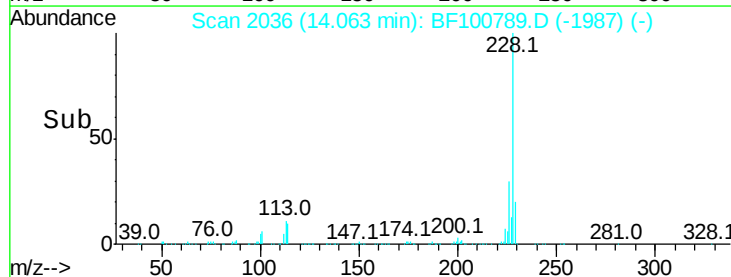
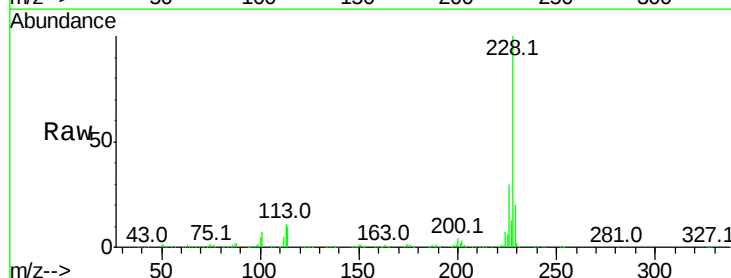
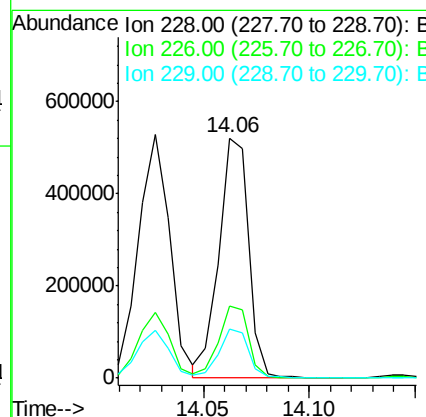
Manual Integrations  
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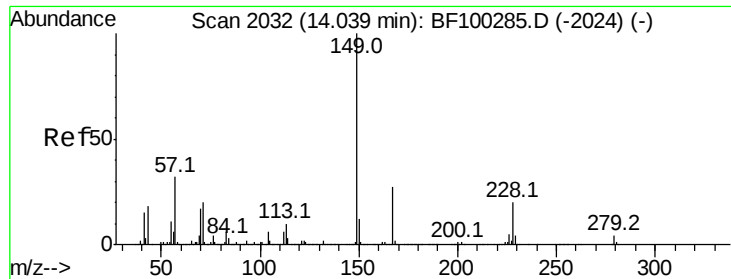
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 11/22/2017 5:04:21 PM



#82  
 Chrysene  
 Concen: 53.249 ng  
 RT: 14.06 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.2  | 25.0       | 37.6  |
| 229     | 20.5  | 16.2       | 24.4  |





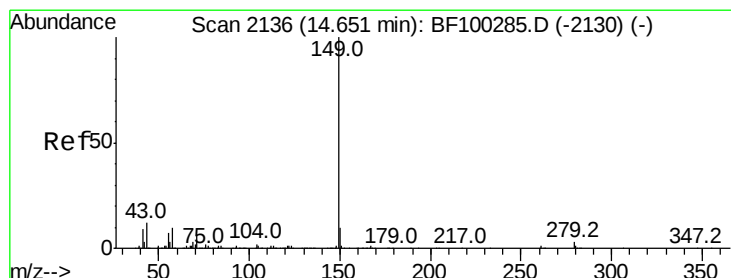
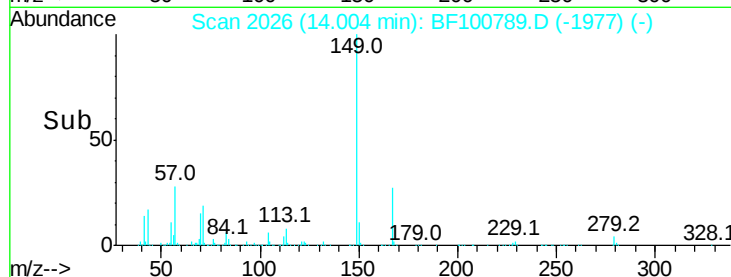
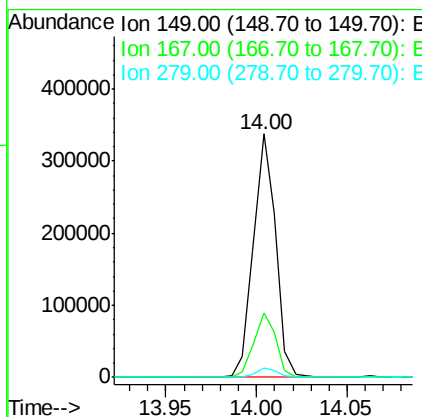
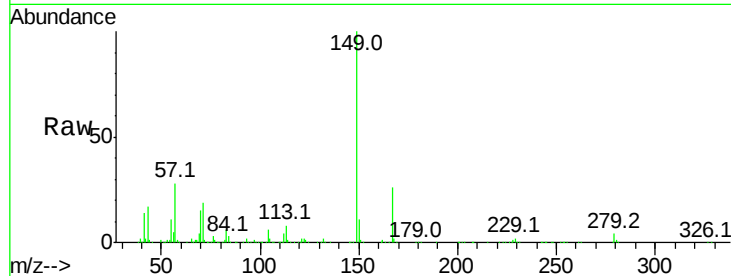
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.008 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.5  | 21.3  | 31.9  |
| 279     | 3.6   | 3.0   | 4.4   |

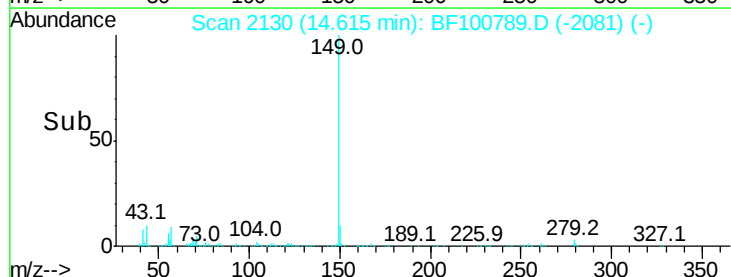
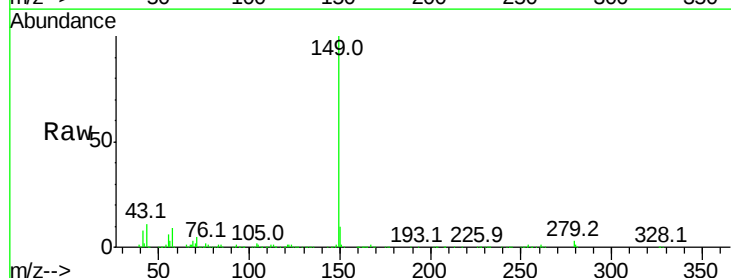
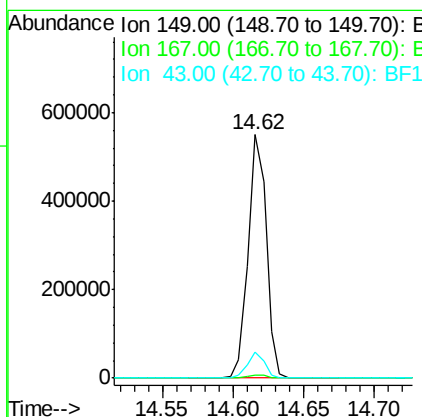
Manual Integrations  
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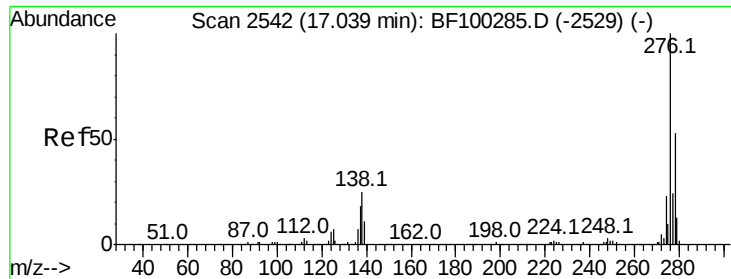
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#84  
 Di-n-octyl phthalate  
 Concen: 46.373 ng  
 RT: 14.62 min Scan# 2130  
 Delta R.T. -0.01 min  
 Lab File: BF100789.D  
 Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 9.7   | 8.4   | 12.6  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 69.634 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

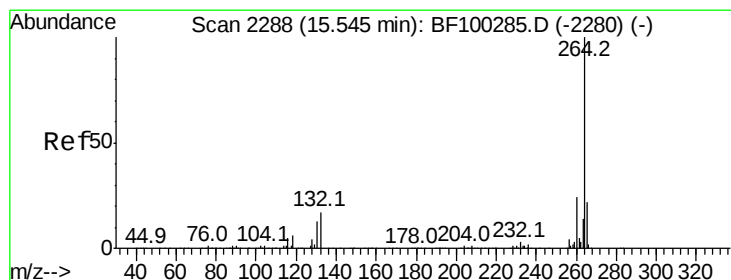
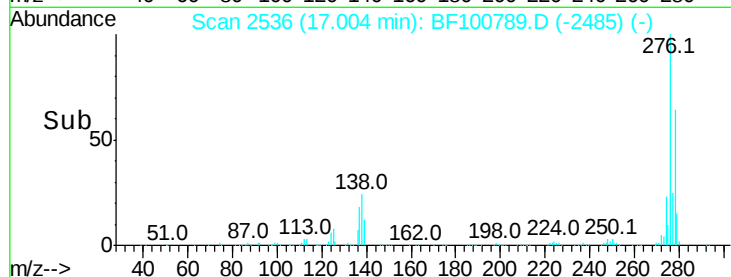
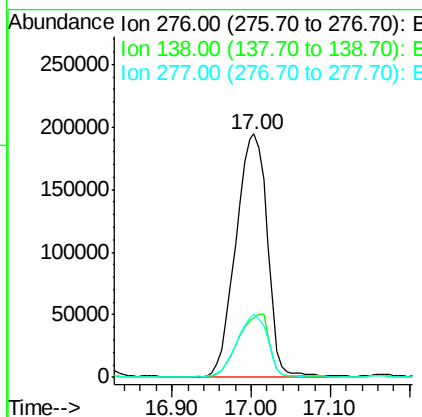
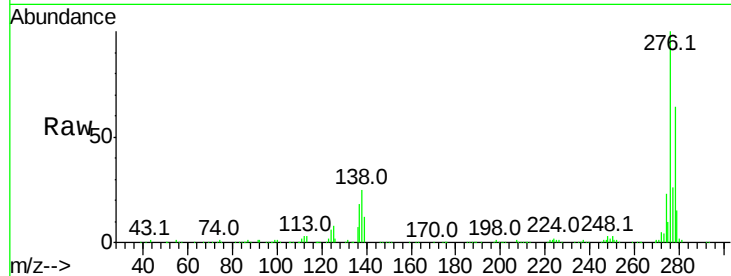
ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 538366 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 26.2  | 25.0  | 37.6   |
| 277       | 24.9  | 20.1  | 30.1   |

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#86

Perylene-d12

Concen: 20.000 ng

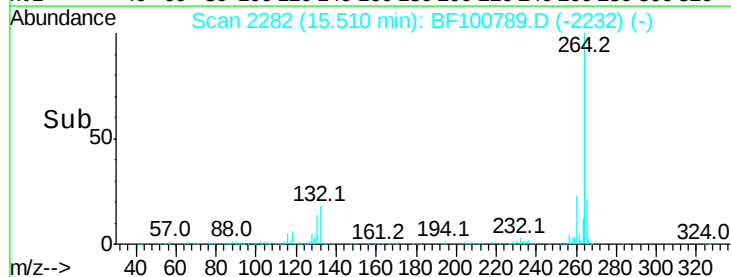
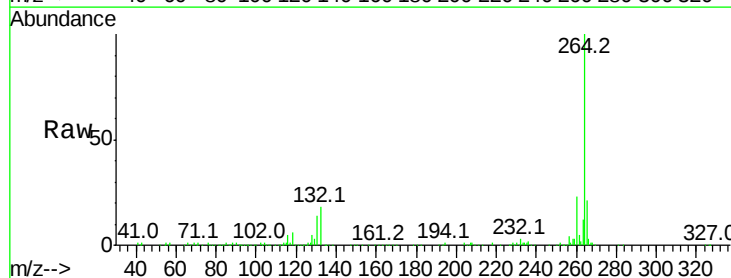
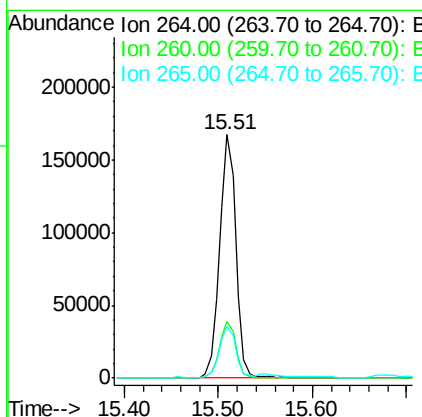
RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 204367 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.3  | 19.2  | 28.8   |
| 265       | 21.0  | 17.5  | 26.3   |





#87

Benzo(b)fluoranthene

Concen: 52.721 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

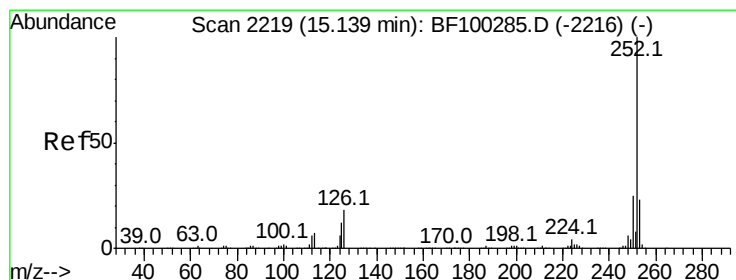
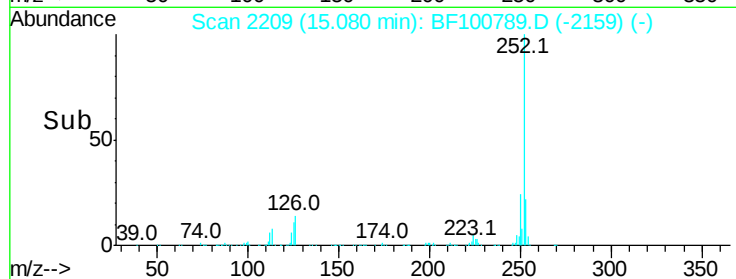
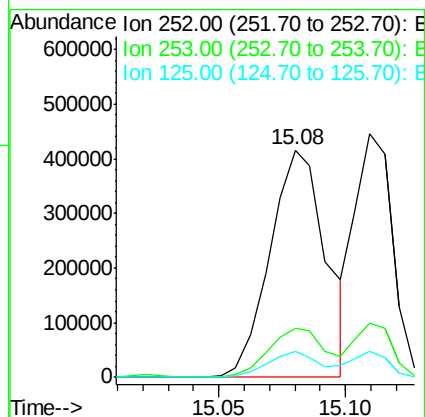
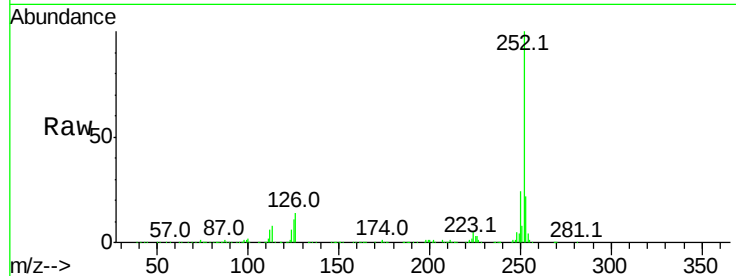
ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 638322 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 17.0  | 25.6   |
| 125       | 11.2  | 9.0   | 13.6   |

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#88

Benzo(k)fluoranthene

Concen: 40.534 ng

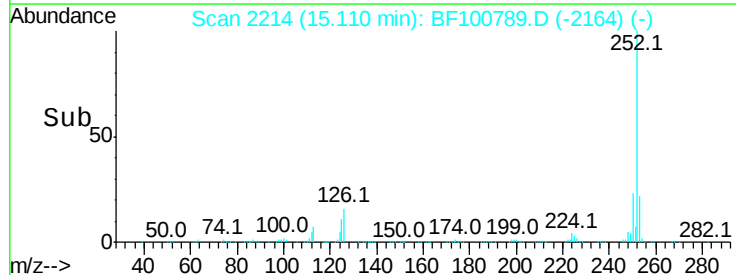
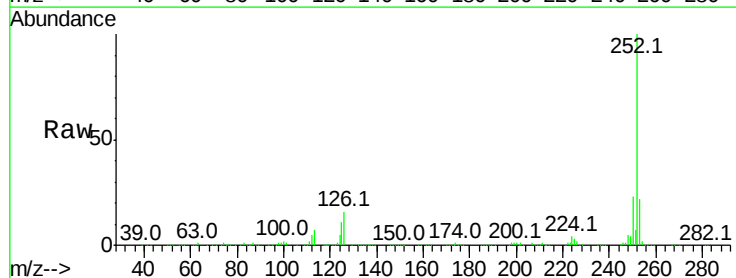
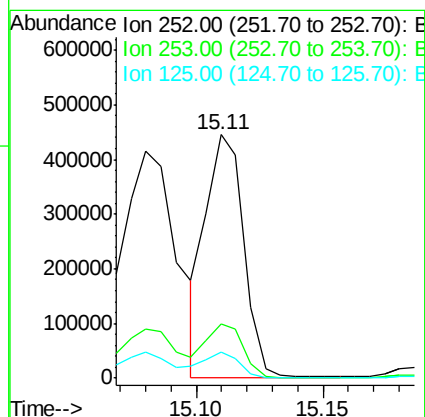
RT: 15.11 min Scan# 2214

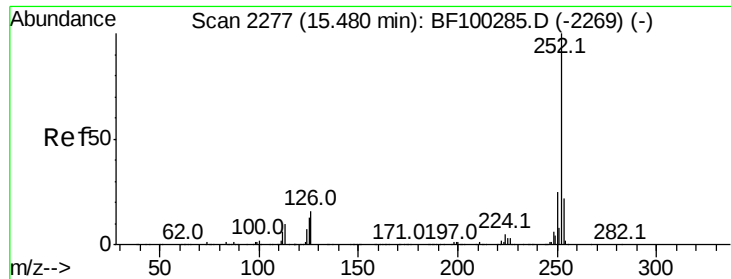
Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 463713 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 17.9  | 26.9   |
| 125       | 10.9  | 10.2  | 15.2   |





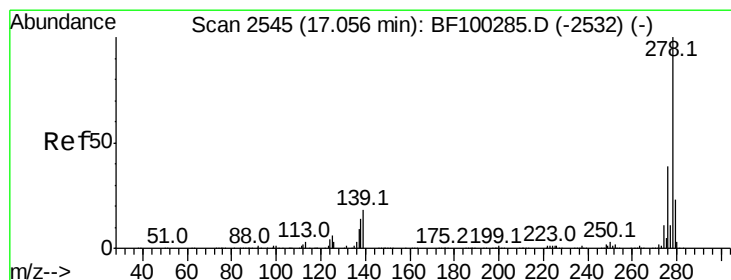
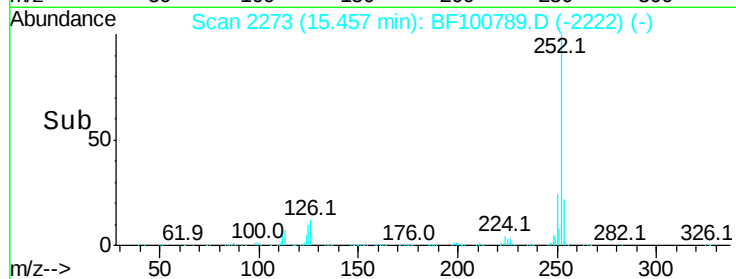
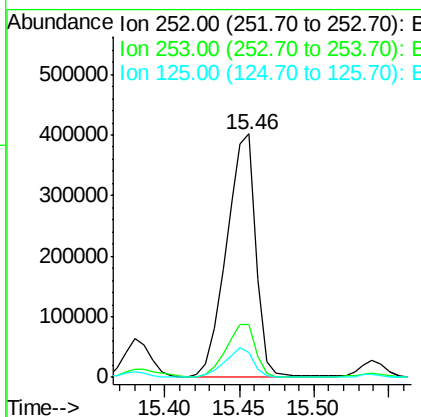
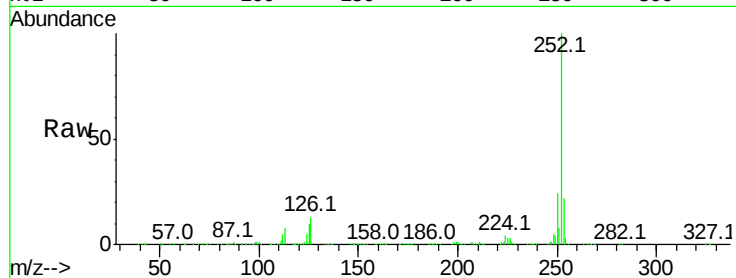
#89  
Benzo(a)pyrene  
Concen: 51.616 ng  
RT: 15.46 min Scan# 2273  
Delta R.T. -0.00 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
PG1-2-E(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.1  | 25.7  |
| 125     | 10.2  | 9.8   | 14.6  |

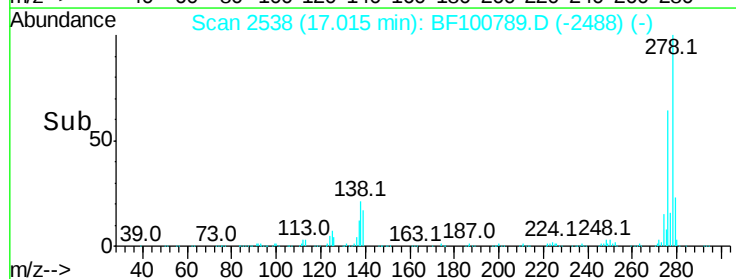
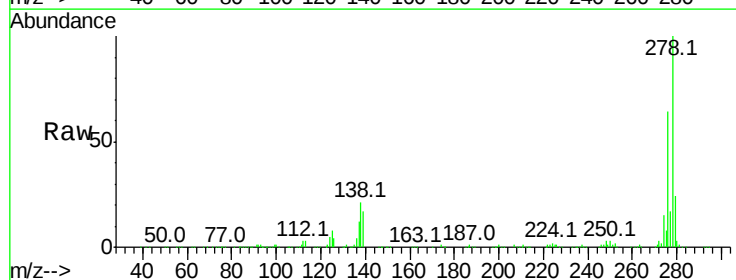
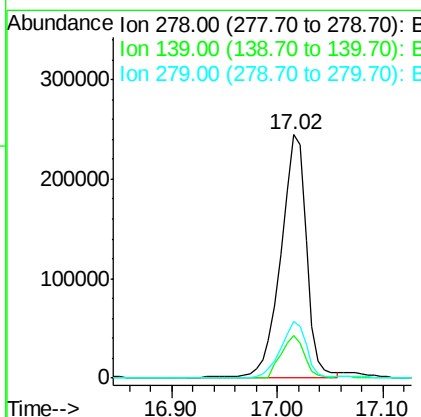
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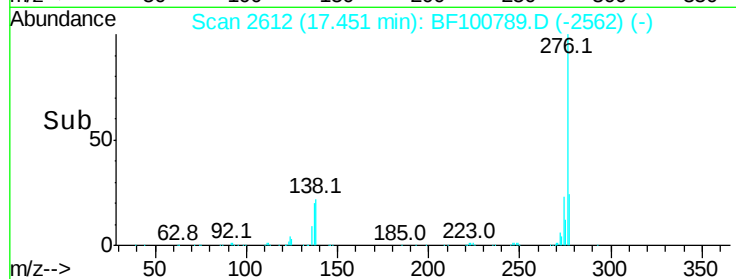
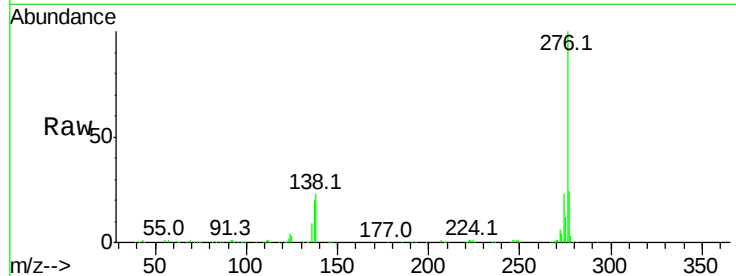
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#90  
Dibenzo(a,h)anthracene  
Concen: 46.675 ng  
RT: 17.02 min Scan# 2538  
Delta R.T. -0.01 min  
Lab File: BF100789.D  
Acq: 21 Nov 2017 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.5  | 15.9  | 23.9  |
| 279     | 23.5  | 19.0  | 28.4  |





#91

Benzo(a,h,i)perylene

Concen: 49.251 ng

RT: 17.45 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF100789.D

Acq: 21 Nov 2017 19:13

Instrument :

BNA\_F

ClientSampleId :

PG1-2-E(4-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 423208 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.1  | 17.9  | 26.9   |
| 138       | 22.8  | 21.8  | 32.8   |

Manual Integrations  
APPROVED

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