

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\  
 Data File : BF107250.D  
 Acq On : 10 Jul 2018 1:24  
 Operator : JU/SJ  
 Sample : PB110915BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110915BS

Manual Integrations  
 APPROVED

Sohil  
 7/10/2018 2:47:15 PM

Quant Time: Jul 10 05:45:34 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 29 14:38:29 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.95  | 152  | 33294    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.23  | 136  | 111726   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 10.00 | 164  | 50088    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.49 | 188  | 103003   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.15 | 240  | 75127    | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.69 | 264  | 57816    | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 194862 | 99.11  | ng | 0.00  |
| 7) Phenol-d6             | 6.60  | 99  | 228506 | 93.06  | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.52  | 82  | 199884 | 99.42  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 63160  | 108.80 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.31  | 172 | 351152 | 125.73 | ng | -0.02 |
| 78) Terphenyl-d14        | 13.08 | 244 | 443945 | 143.14 | ng | 0.00  |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.84 | 88  | 35749  | 35.365 | ng | 98     |
| 3) Pyridine                    | 3.63 | 79  | 106830 | 38.968 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.59 | 42  | 45739  | 39.282 | ng | 81     |
| 6) Aniline                     | 6.61 | 93  | 88780  | 26.655 | ng | # 7    |
| 8) 2-Chlorophenol              | 6.74 | 128 | 96436  | 44.718 | ng | 98     |
| 9) Benzaldehyde                | 6.50 | 77  | 40912  | 21.598 | ng | 98     |
| 10) Phenol                     | 6.61 | 94  | 119475 | 42.636 | ng | 75     |
| 11) bis(2-Chloroethyl)ether    | 6.68 | 93  | 99193  | 42.879 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.89 | 146 | 109873 | 43.500 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.97 | 146 | 111468 | 43.651 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.12 | 146 | 102331 | 43.726 | ng | 98     |
| 15) Benzyl Alcohol             | 7.10 | 79  | 74676  | 37.876 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 133803 | 44.084 | ng | # 17   |
| 17) 2-Methylphenol             | 7.21 | 107 | 79084  | 42.852 | ng | # 88   |
| 18) Hexachloroethane           | 7.45 | 117 | 20353  | 22.665 | ng | # 87   |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70  | 66340  | 40.988 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 104826 | 56.707 | ng | # 87   |
| 22) Acetophenone               | 7.36 | 105 | 130097 | 52.047 | ng | # 99   |
| 24) Nitrobenzene               | 7.54 | 77  | 96616  | 47.071 | ng | 100    |
| 25) Isophorone                 | 7.77 | 82  | 179532 | 50.677 | ng | 99     |
| 26) 2-Nitrophenol              | 7.85 | 139 | 34824  | 35.940 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.89 | 122 | 82880  | 55.340 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.97 | 93  | 117577 | 49.431 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 79021  | 50.398 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.17 | 180 | 86620  | 50.148 | ng | 98     |
| 31) Naphthalene                | 8.25 | 128 | 250055 | 47.871 | ng | 99     |
| 32) Benzoic acid               | 8.02 | 122 | 31748m | 31.395 | ng |        |
| 33) 4-Chloroaniline            | 8.31 | 127 | 57521  | 26.244 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 58825  | 52.266 | ng | 98     |
| 35) Caprolactam                | 8.68 | 113 | 23933  | 46.826 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107 | 76547  | 46.382 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.95 | 142 | 176906 | 51.095 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.11 | 216 | 91578  | 54.291 | ng | # 96   |
| 42) 2,4,6-Trichlorophenol      | 9.24 | 196 | 52856  | 47.140 | ng | 93     |

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 PB110915BS

Manual Integrations  
 APPROVED

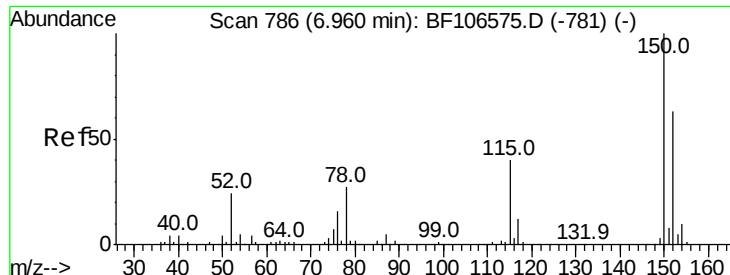
Sohil  
 7/10/2018 2:47:15 PM

Quant Time: Jul 10 05:45:34 2018  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| -----                          |       |      |          |         |       |          |
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 54156    | 46.288  | nq    | # 88     |
| 45) 1,1'-Biphenyl              | 9.41  | 154  | 212628   | 53.267  | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.44  | 162  | 149595   | 47.610  | nq    | 96       |
| 47) 2-Nitroaniline             | 9.54  | 65   | 55404    | 52.437  | nq    | 94       |
| 48) Acenaphthylene             | 9.86  | 152  | 239509   | 48.281  | nq    | 99       |
| 49) Dimethylphthalate          | 9.70  | 163  | 180041   | 47.926  | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.78  | 165  | 32024    | 40.257  | nq    | # 79     |
| 51) Acenaphthene               | 10.03 | 154  | 142839   | 45.726  | nq    | 97       |
| 52) 3-Nitroaniline             | 9.96  | 138  | 50506    | 55.174  | nq    | 95       |
| 54) Dibenzofuran               | 10.20 | 168  | 217751   | 50.906  | nq    | 96       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 40267    | 63.020  | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 35104    | 33.808  | nq    | # 93     |
| 57) Fluorene                   | 10.55 | 166  | 174749   | 51.483  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 46909    | 50.438  | nq    | # 79     |
| 59) Diethylphthalate           | 10.40 | 149  | 176146   | 48.581  | nq    | # 94     |
| 60) 4-Chlorophenyl-phenylether | 10.53 | 204  | 89946    | 50.645  | nq    | # 84     |
| 61) 4-Nitroaniline             | 10.58 | 138  | 52368    | 57.644  | nq    | 95       |
| 62) Azobenzene                 | 10.70 | 77   | 157358   | 44.071  | nq    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.65 | 169  | 150724   | 43.505  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.02 | 248  | 61620    | 50.127  | nq    | # 77     |
| 67) Hexachlorobenzene          | 11.10 | 284  | 63950    | 49.704  | nq    | # 83     |
| 68) Atrazine                   | 11.18 | 200  | 45184    | 41.025  | nq    | 94       |
| 69) Pentachlorophenol          | 11.31 | 266  | 28561    | 44.489  | nq    | 98       |
| 70) Phenanthrene               | 11.52 | 178  | 263167   | 52.972  | nq    | 99       |
| 71) Anthracene                 | 11.57 | 178  | 272825   | 53.802  | nq    | 100      |
| 72) Carbazole                  | 11.73 | 167  | 244867   | 51.577  | nq    | 98       |
| 73) Di-n-butylphthalate        | 12.03 | 149  | 273959   | 48.981  | nq    | 98       |
| 74) Fluoranthene               | 12.71 | 202  | 297426   | 54.317  | nq    | 97       |
| 76) Benzidine                  | 12.84 | 184  | 257842   | 120.510 | nq    | 97       |
| 77) Pyrene                     | 12.95 | 202  | 294589   | 59.464  | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.54 | 149  | 121484   | 59.642  | nq    | # 97     |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 233850   | 51.073  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 88432    | 54.952  | nq    | # 95     |
| 82) Chrysene                   | 14.18 | 228  | 212076   | 50.345  | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 155226   | 59.609  | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.71 | 149  | 243398   | 57.341  | nq    | # 96     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.29 | 276  | 184297   | 51.555  | nq    | # 90     |
| 87) Benzo(b)fluoranthene       | 15.23 | 252  | 176314   | 49.092  | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 15.26 | 252  | 169624   | 49.595  | nq    | # 95     |
| 89) Benzo(a)pyrene             | 15.62 | 252  | 166044   | 52.006  | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 17.29 | 278  | 154029   | 56.925  | nq    | # 93     |
| 91) Benzo(g,h,i)perylene       | 17.78 | 276  | 155948   | 58.966  | nq    | # 90     |
| -----                          |       |      |          |         |       |          |

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





#1

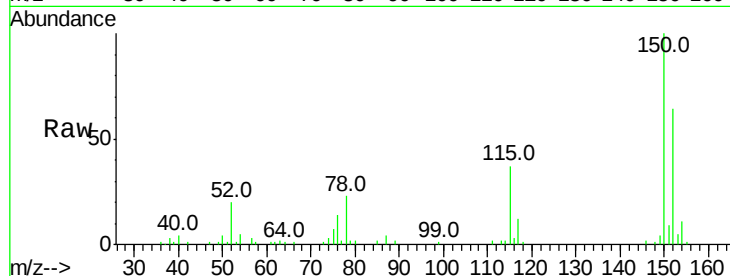
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 784  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

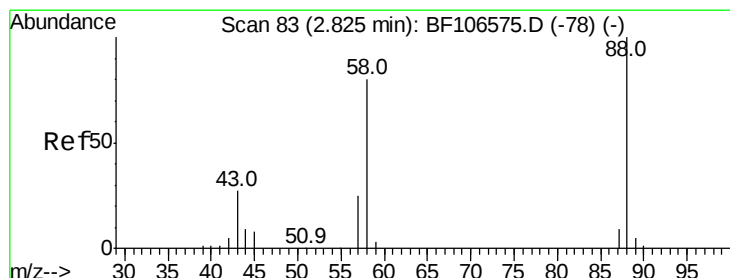
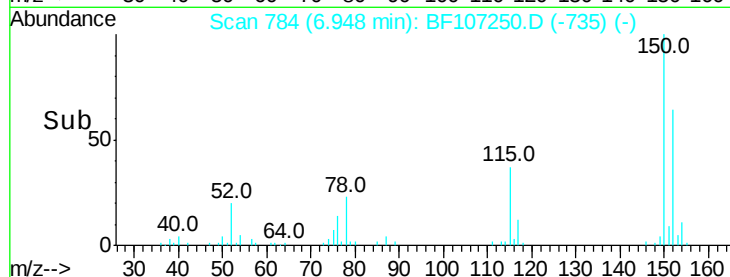
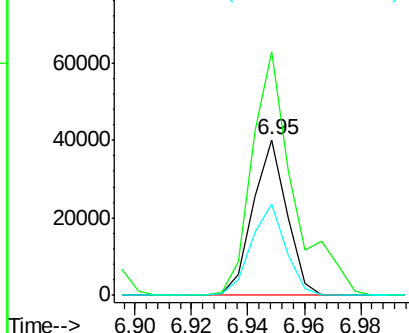
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.6 | 124.6 | 186.8 |
| 115     | 58.7  | 50.1  | 75.1  |

Manual Integrations  
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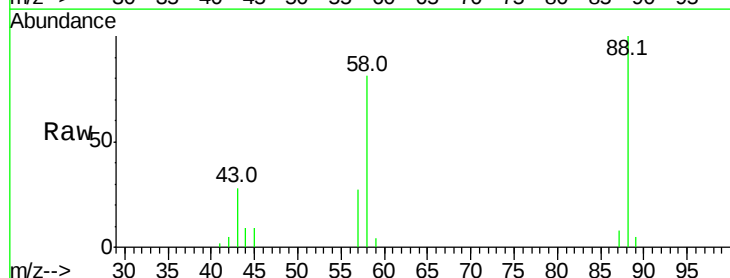
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



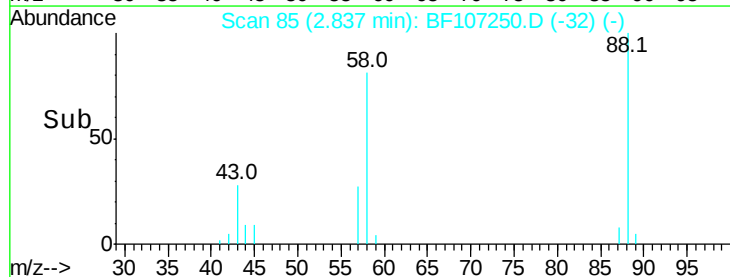
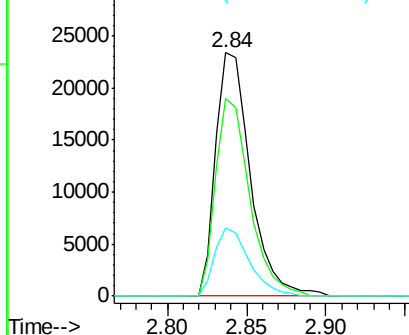
#2

1,4-Dioxane  
Concen: 35.365 ng  
RT: 2.84 min Scan# 85  
Delta R.T. 0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 79.4  | 62.6  | 93.8  |
| 43      | 28.1  | 24.6  | 37.0  |



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.968 ng

RT: 3.63 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

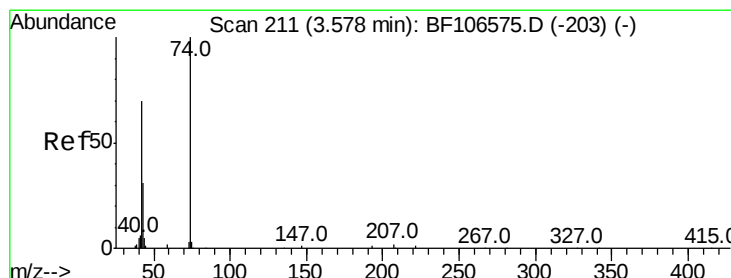
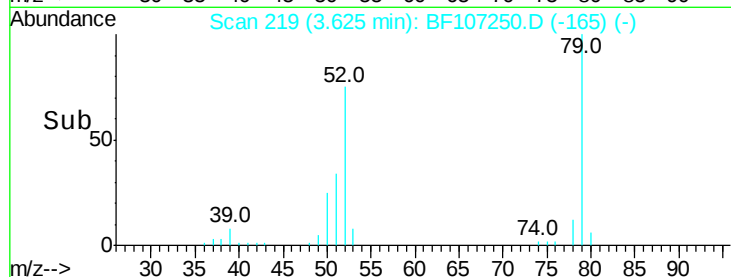
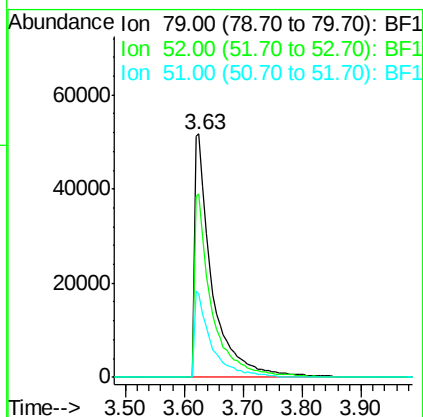
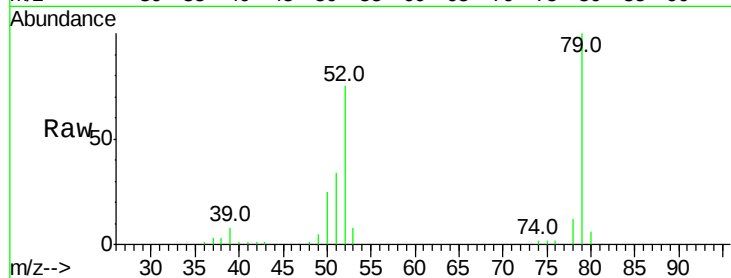
ClientSampleId :

PB110915BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 106830 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 75.2  | 59.8  | 89.6   |
| 51        | 34.2  | 29.8  | 44.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 39.282 ng

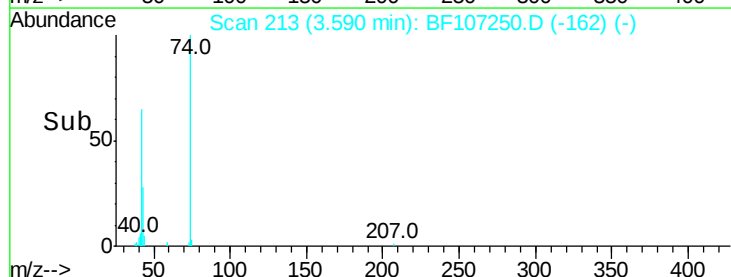
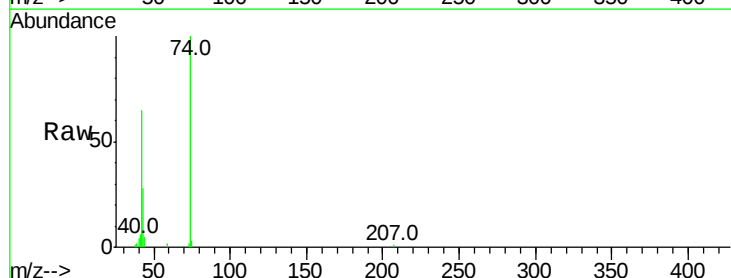
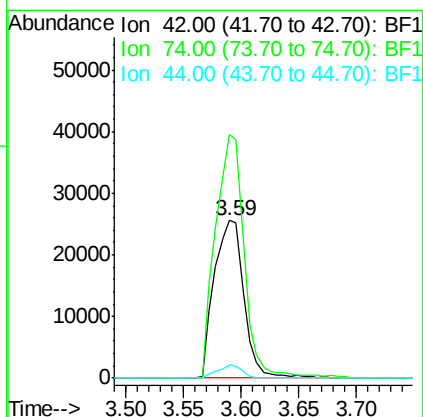
RT: 3.59 min Scan# 213

Delta R.T. 0.00 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 45739 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 154.5 | 104.9 | 157.3 |
| 44        | 8.0   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 99.106 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

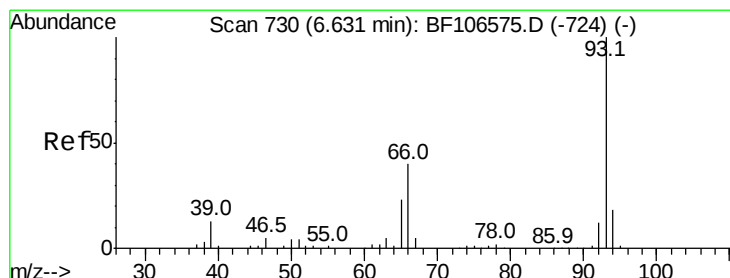
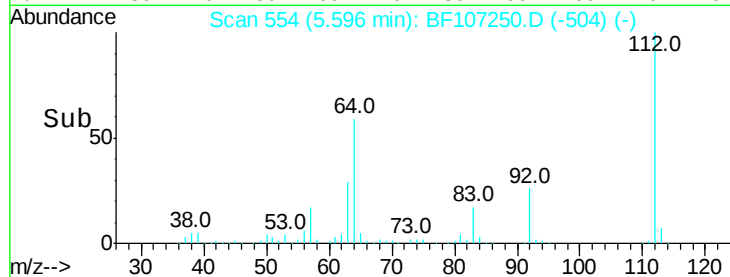
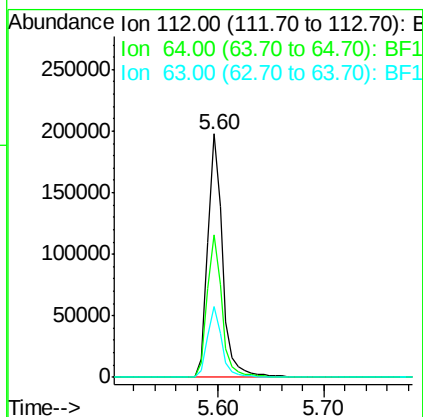
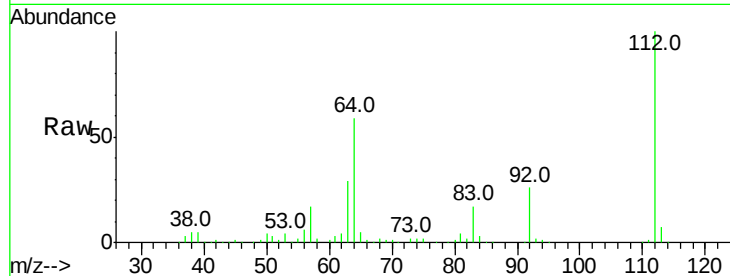
ClientSampled :

PB110915BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 194862 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.7  | 47.9  | 71.9   |
| 63        | 28.9  | 23.7  | 35.5   |

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#6

Aniline

Concen: 26.655 ng

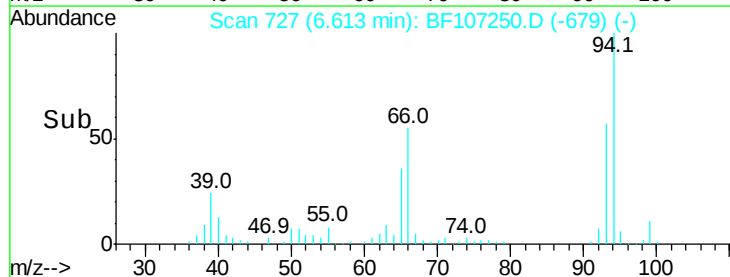
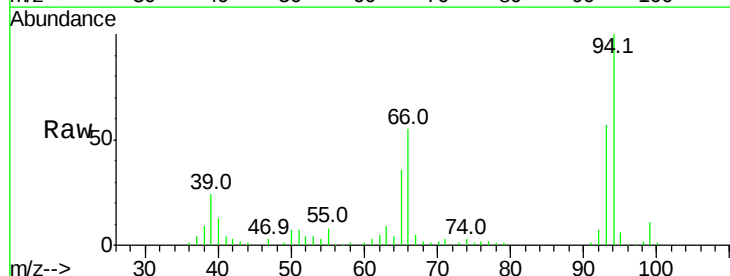
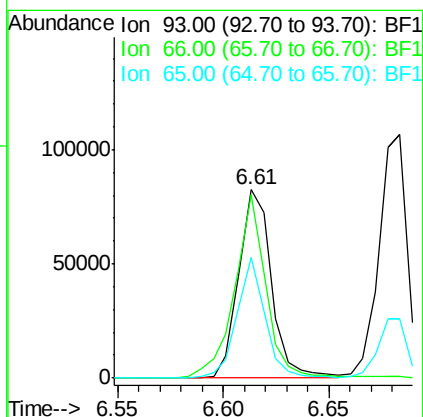
RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 88780 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 97.6  | 32.2  | 48.2# |
| 65        | 63.9  | 16.4  | 24.6# |





#7

Phenol-d6

Concen: 93.063 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

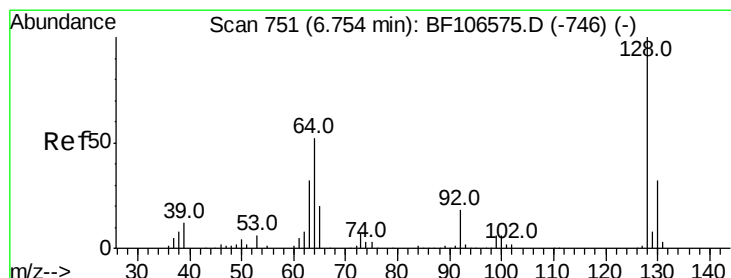
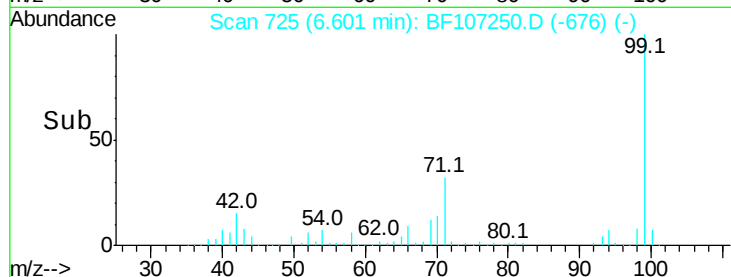
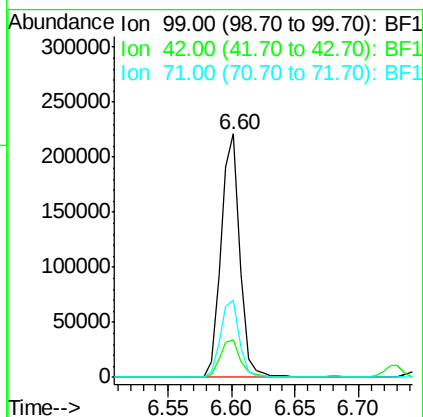
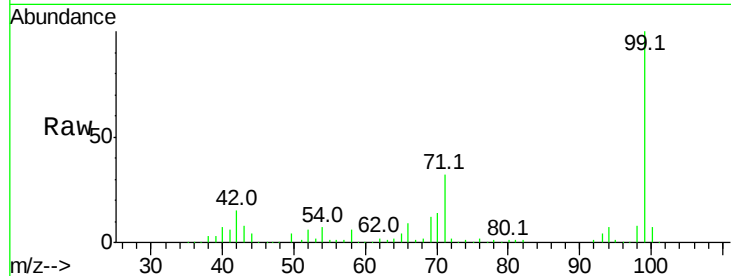
ClientSampleId :

PB110915BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 228506 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.4  | 14.5  | 21.7   |
| 71        | 31.7  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 44.718 ng

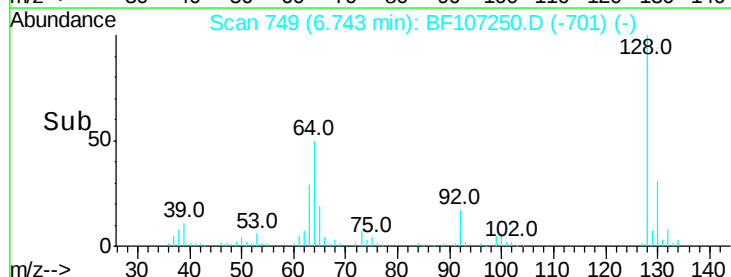
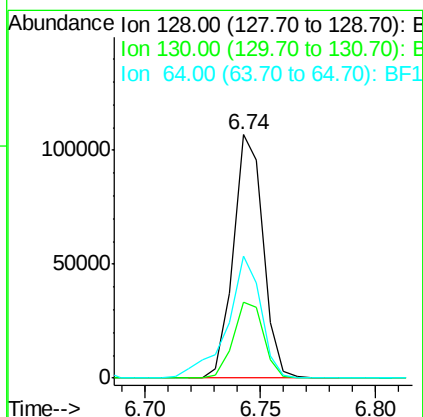
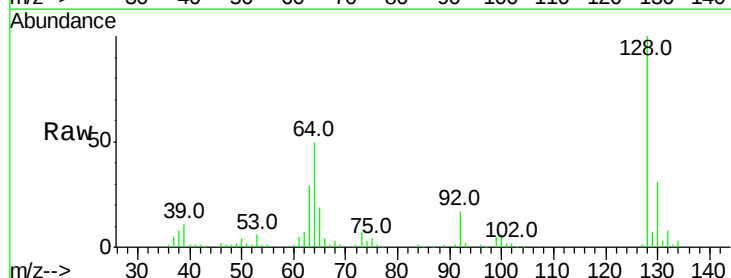
RT: 6.74 min Scan# 749

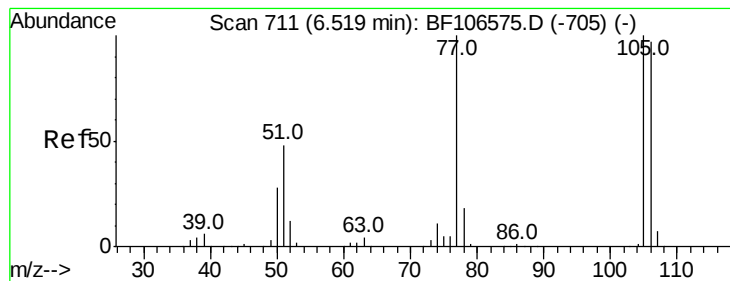
Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 96436 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 31.1  | 13.0  | 53.0  |
| 64        | 50.2  | 29.4  | 69.4  |





#9

Benzaldehyde

Concen: 21.598 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

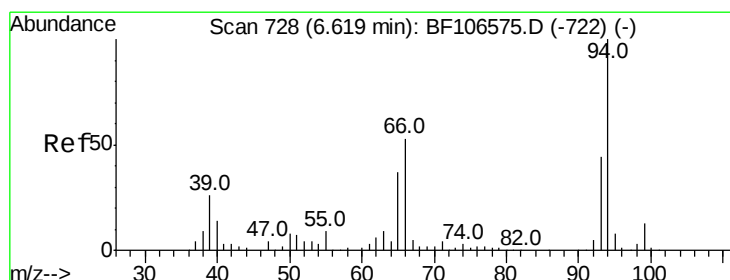
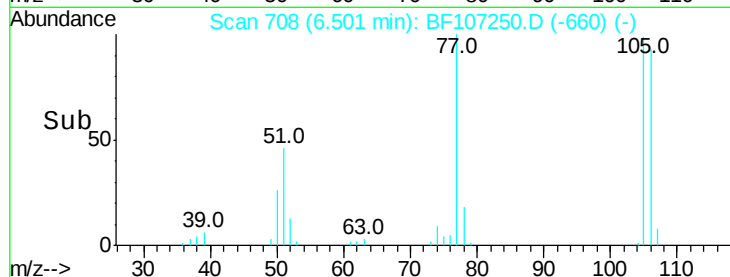
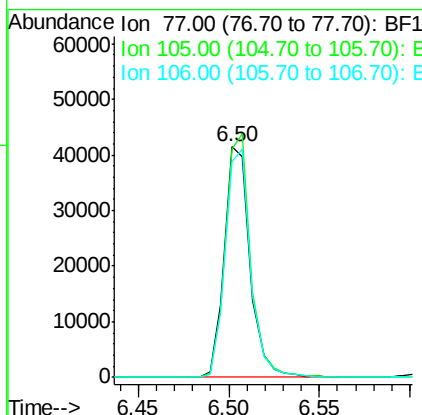
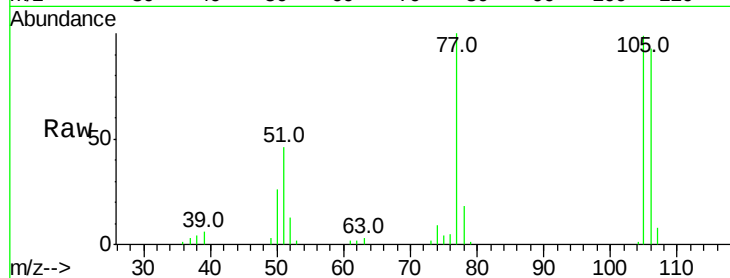
ClientSampled :

PB110915BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 40912 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 98.7  | 81.1  | 121.1 |
| 106      | 93.3  | 74.5  | 114.5 |

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#10

Phenol

Concen: 42.636 ng

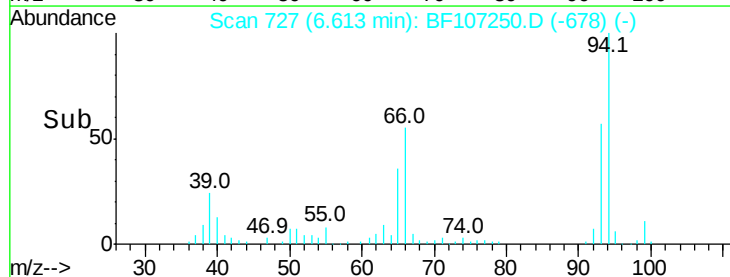
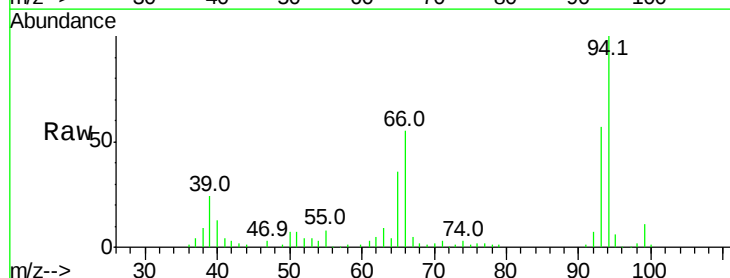
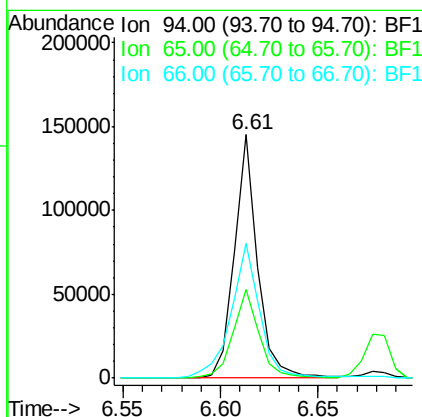
RT: 6.61 min Scan# 727

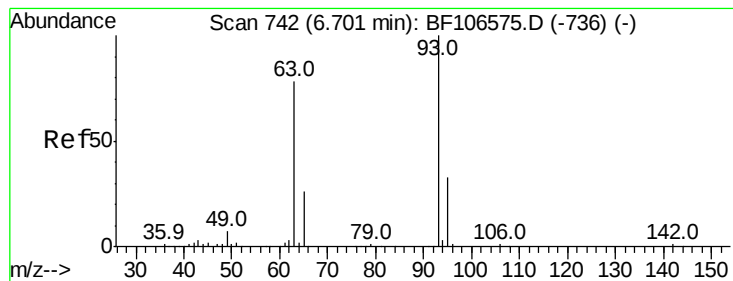
Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 119475 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 36.2  | 7.9   | 47.9   |
| 66       | 55.3  | 16.2  | 56.2   |





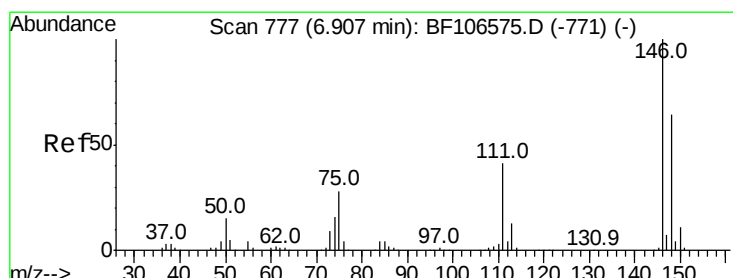
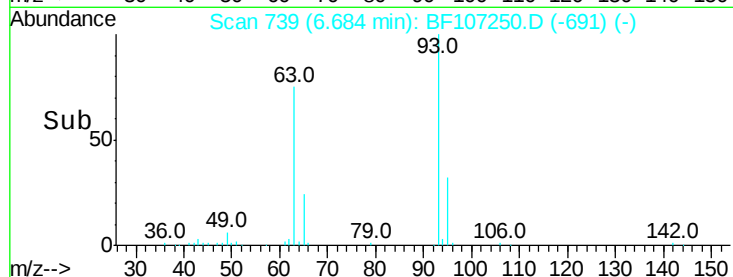
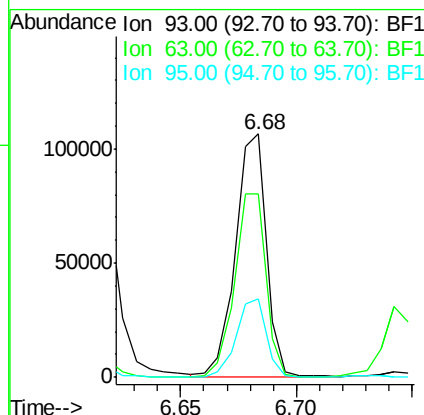
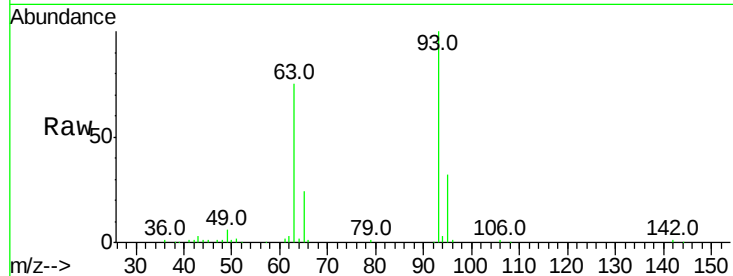
#11  
bis(2-Chloroethyl)ether  
Concen: 42.879 ng  
RT: 6.68 min Scan# 739  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 63      | 75.2  | 58.6       | 98.6  |
| 95      | 32.3  | 11.8       | 51.8  |

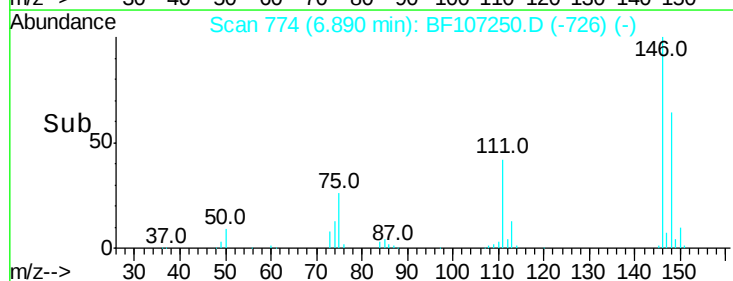
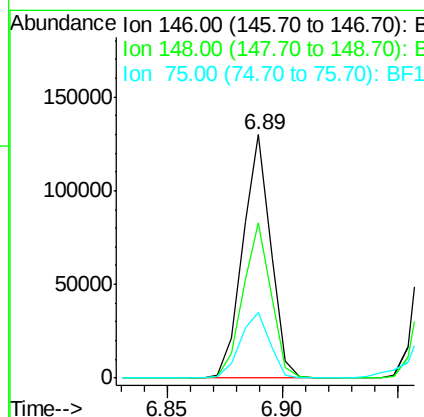
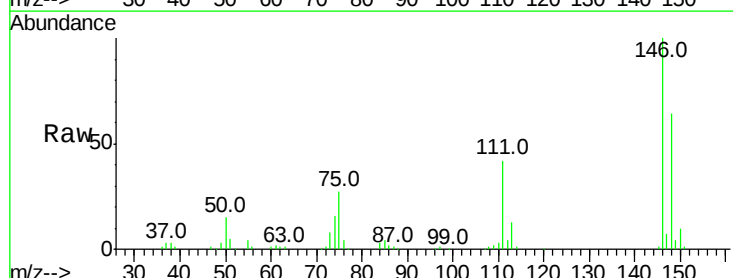
Manual Integrations  
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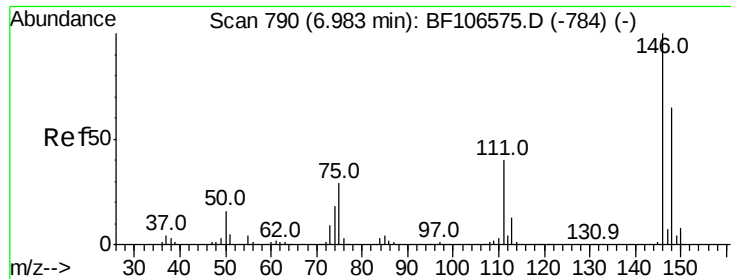
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#12  
1,3-Dichlorobenzene  
Concen: 43.500 ng  
RT: 6.89 min Scan# 774  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 146     | 100   |            |       |
| 148     | 63.7  | 51.8       | 77.8  |
| 75      | 27.1  | 24.2       | 36.4  |





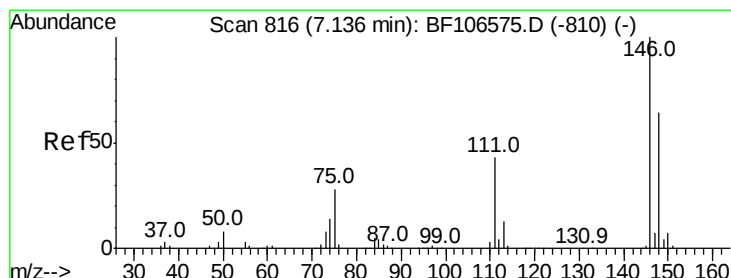
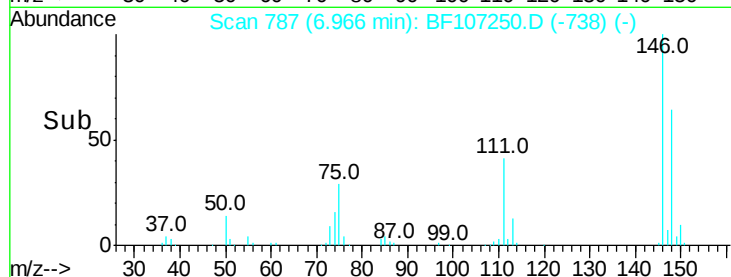
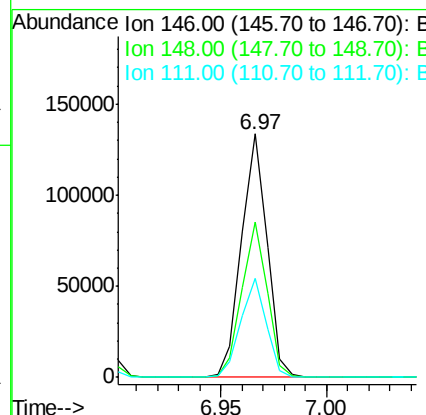
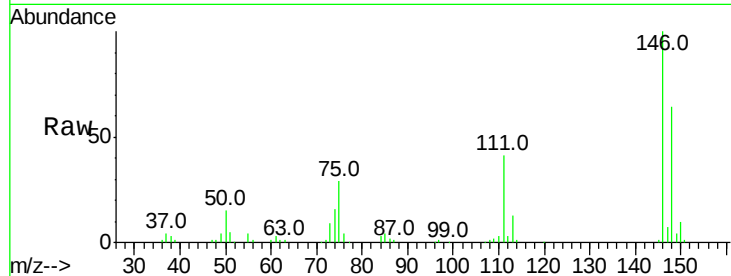
#13  
 1,4-Dichlorobenzene  
 Concen: 43.651 ng  
 RT: 6.97 min Scan# 787  
 Delta R.T. -0.01 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 50.8  | 76.2  |
| 111     | 40.6  | 34.2  | 51.2  |

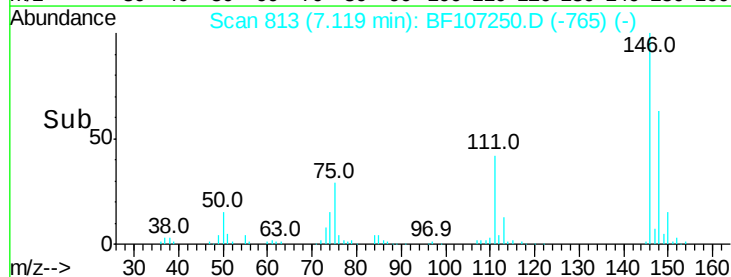
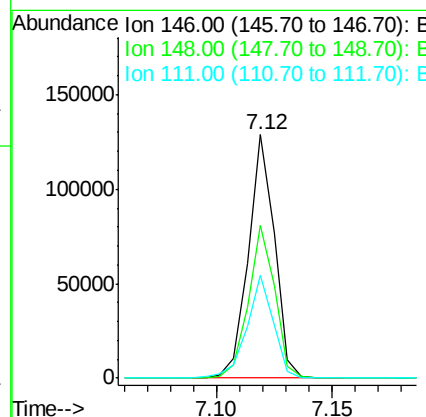
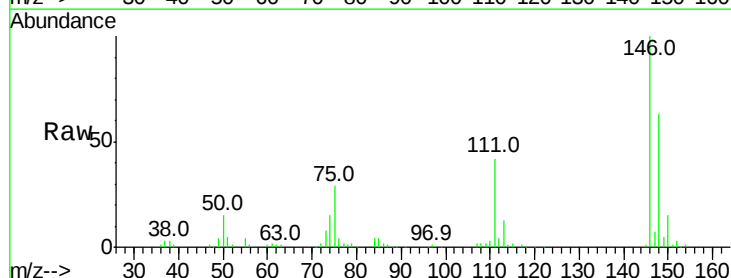
Manual Integrations  
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#14  
 1,2-Dichlorobenzene  
 Concen: 43.726 ng  
 RT: 7.12 min Scan# 813  
 Delta R.T. -0.02 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 50.6  | 75.8  |
| 111     | 42.0  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 37.876 ng

RT: 7.10 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

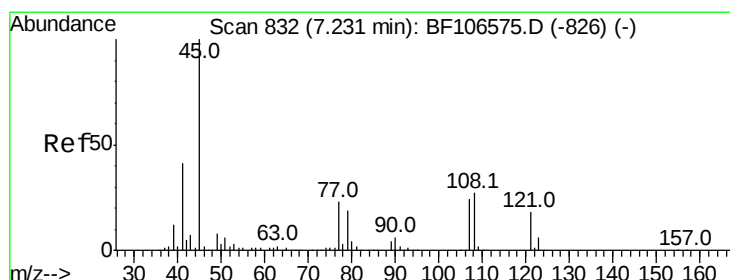
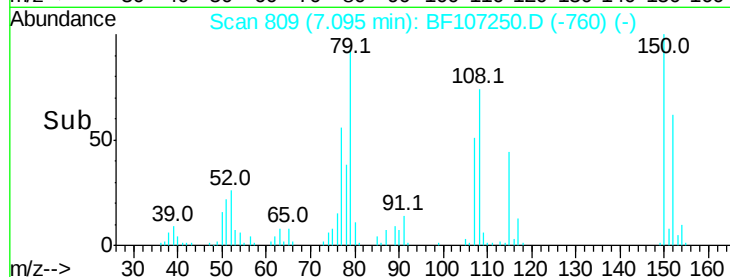
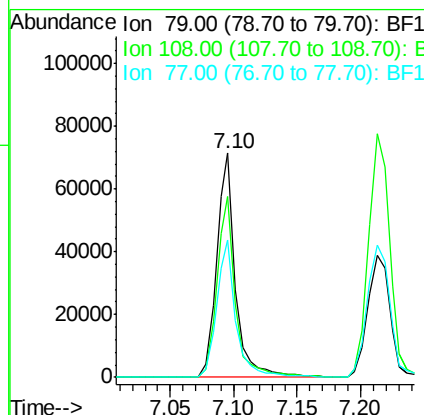
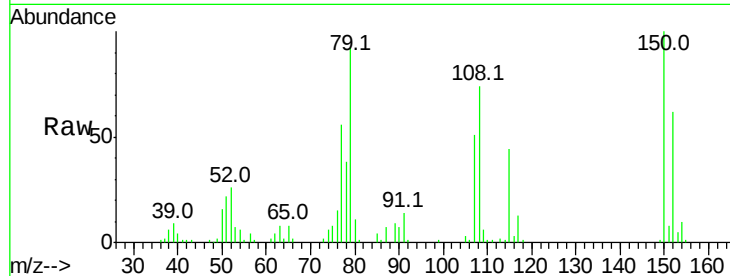
ClientSampled :

PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 80.6  | 65.1  | 97.7  |
| 77      | 61.1  | 50.6  | 75.8  |

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.084 ng

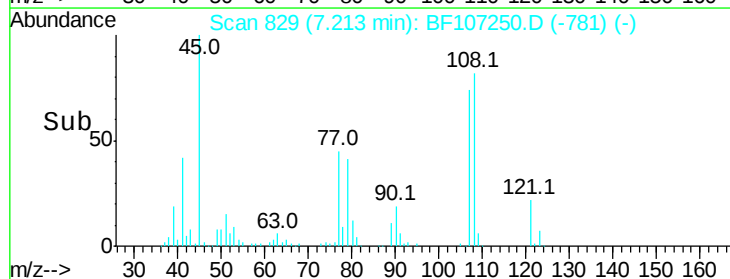
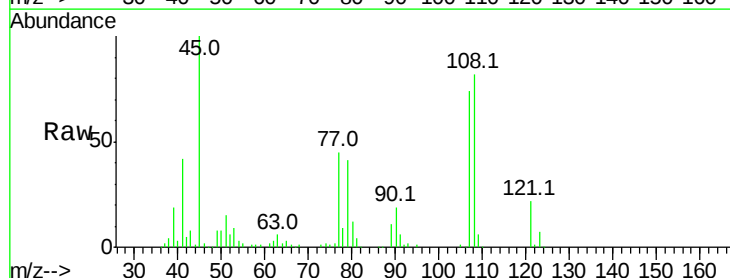
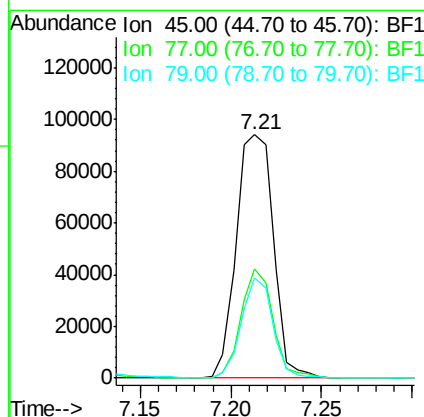
RT: 7.21 min Scan# 829

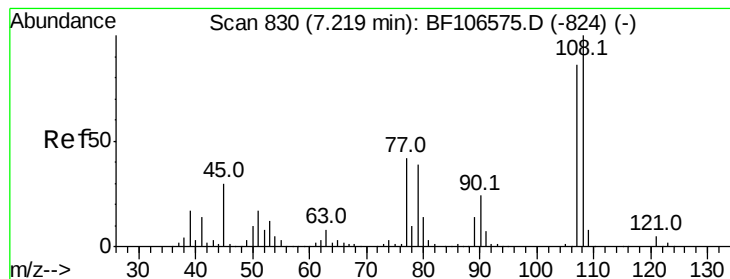
Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 44.9  | 0.0   | 32.9# |
| 79      | 41.4  | 0.0   | 29.6# |





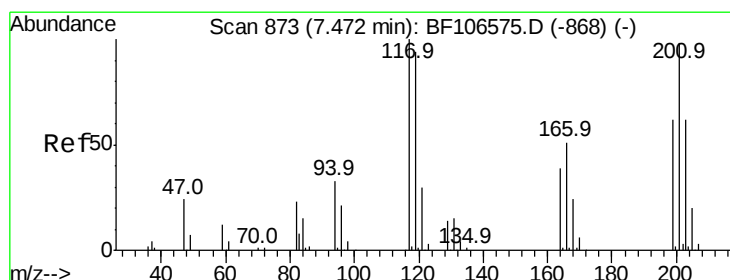
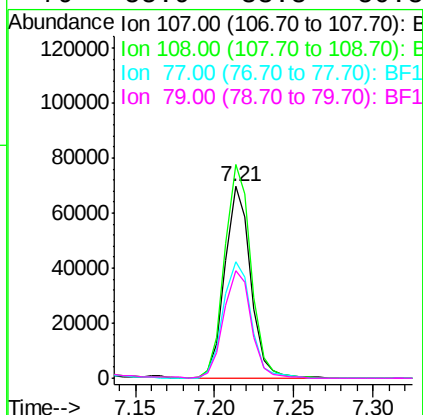
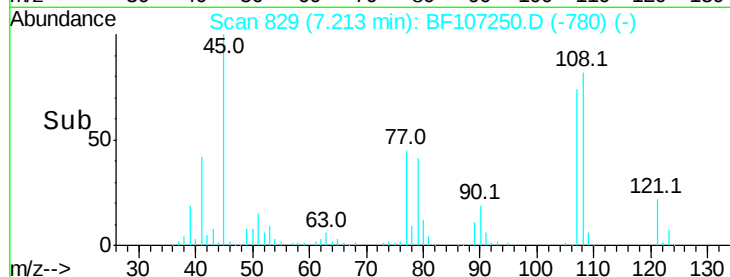
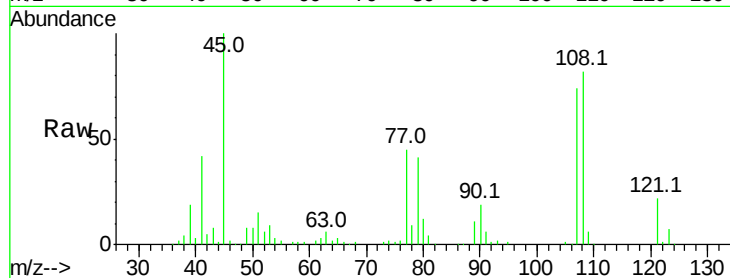
#17  
2-Methylphenol  
Concen: 42.852 ng  
RT: 7.21 min Scan# 829  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.4 | 91.7  | 137.5 |
| 77      | 60.6  | 33.8  | 50.8# |
| 79      | 55.9  | 33.8  | 50.8# |

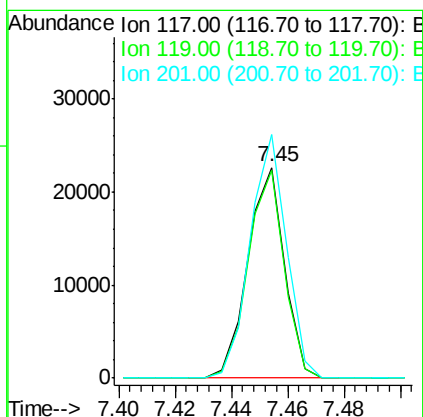
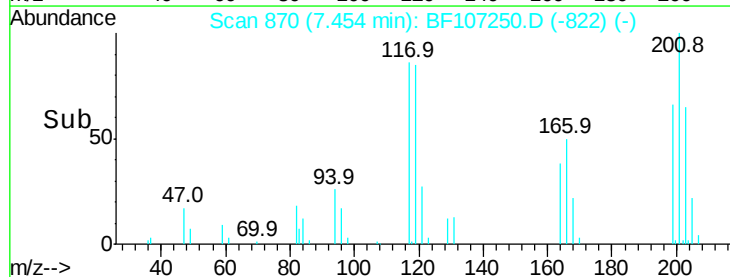
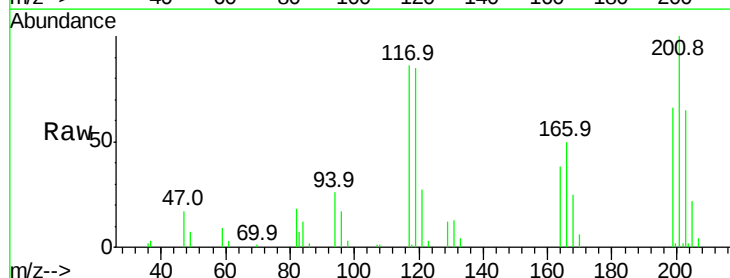
Manual Integrations  
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#18  
Hexachloroethane  
Concen: 22.665 ng  
RT: 7.45 min Scan# 870  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 98.7  | 75.8  | 113.8  |
| 201     | 115.7 | 75.7  | 113.5# |





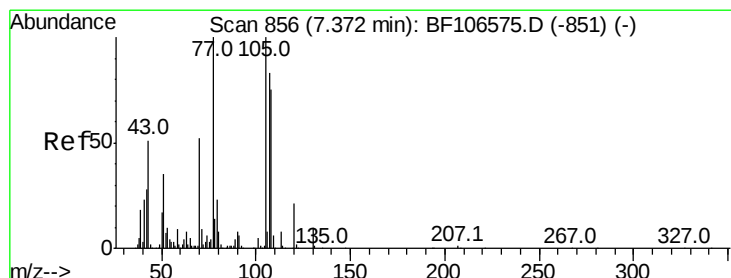
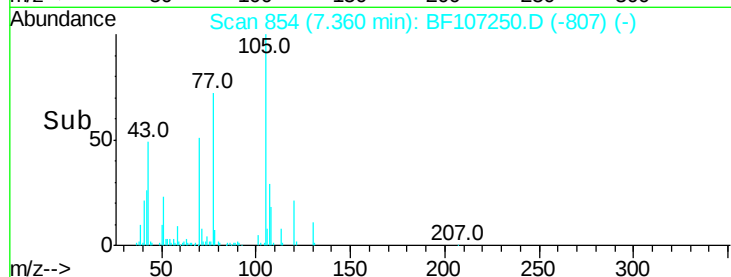
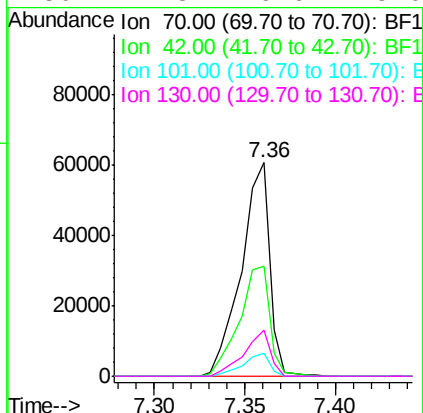
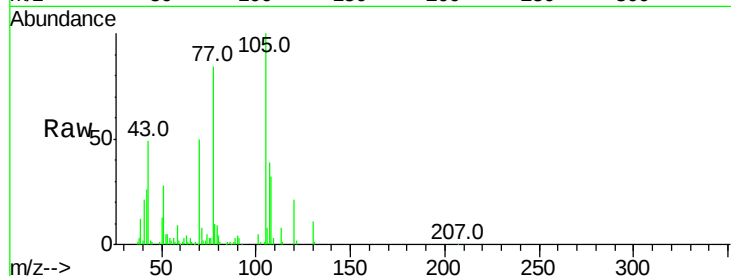
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.988 ng  
RT: 7.36 min Scan# 854  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 51.7  | 47.5  | 71.3  |
| 101     | 10.7  | 7.4   | 11.2  |
| 130     | 21.3  | 16.6  | 25.0  |

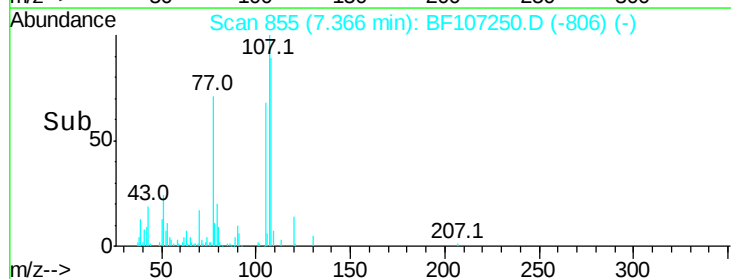
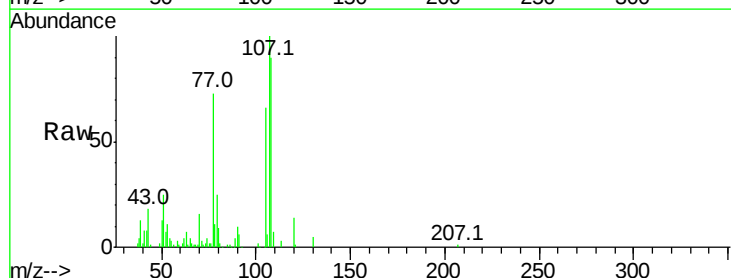
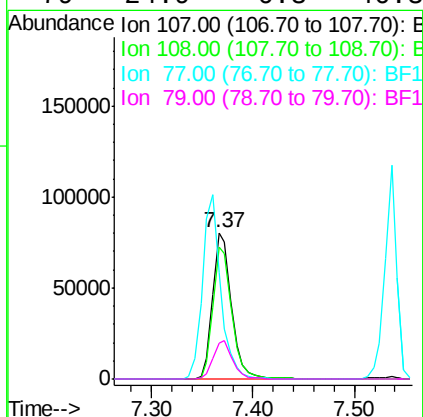
Manual Integrations  
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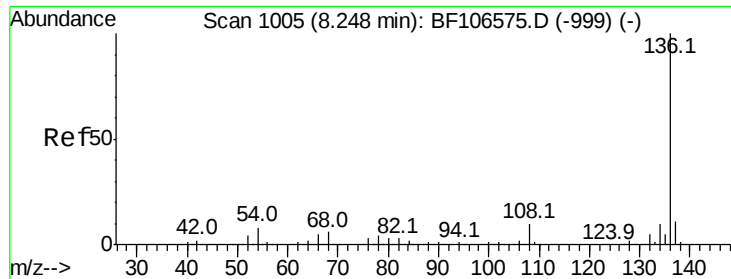
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#20  
3+4-Methylphenols  
Concen: 56.707 ng  
RT: 7.37 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.5  | 68.2  | 108.2 |
| 77      | 72.7  | 26.7  | 66.7# |
| 79      | 24.9  | 6.3   | 46.3  |





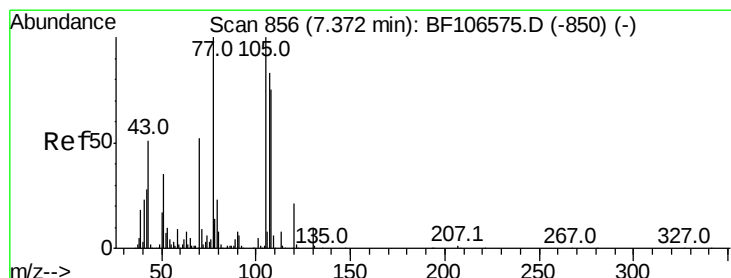
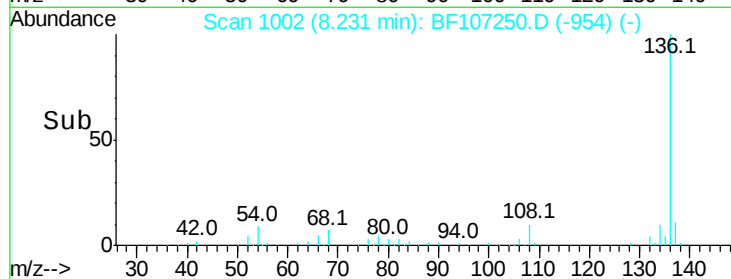
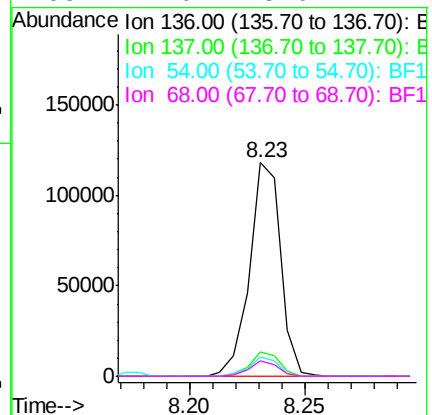
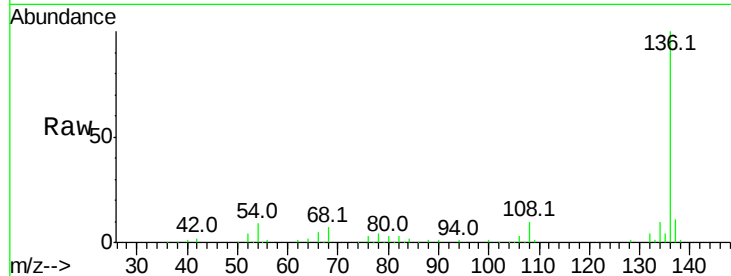
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.23 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.4  | 8.9  | 13.3  |       |
| 54      | 8.9   | 6.6  | 9.8   |       |
| 68      | 7.0   | 5.0  | 7.4   |       |

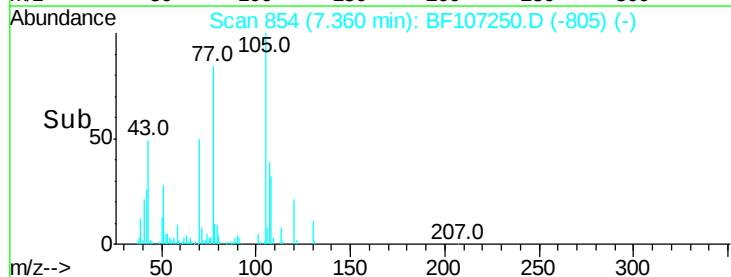
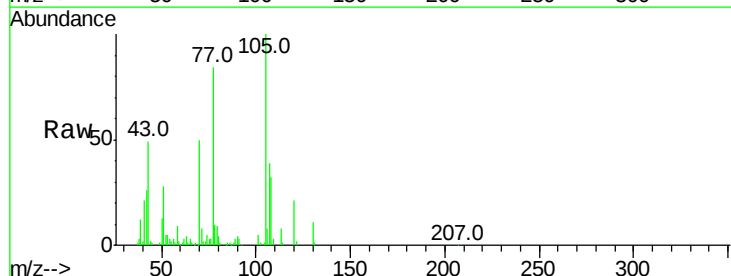
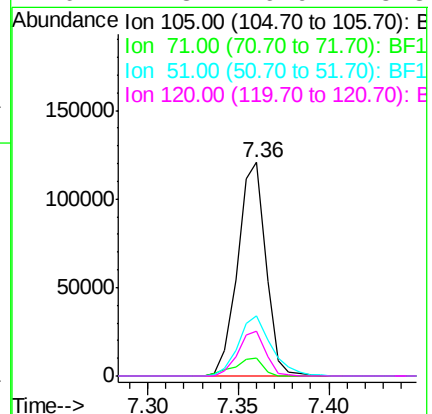
Manual Integrations  
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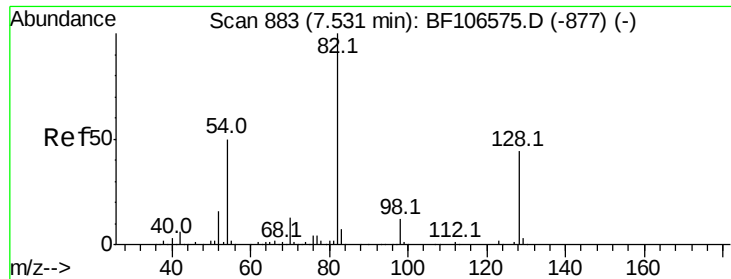
Sohil  
7/10/2018 2:47:15 PM



#22  
Acetophenone  
Concen: 52.047 ng  
RT: 7.36 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 8.3   | 4.4  | 6.6#  |       |
| 51      | 28.2  | 22.3 | 33.5  |       |
| 120     | 21.3  | 16.9 | 25.3  |       |





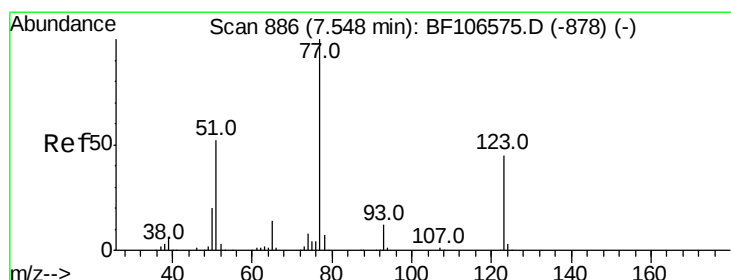
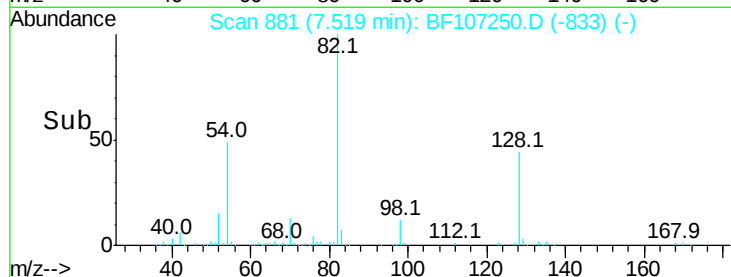
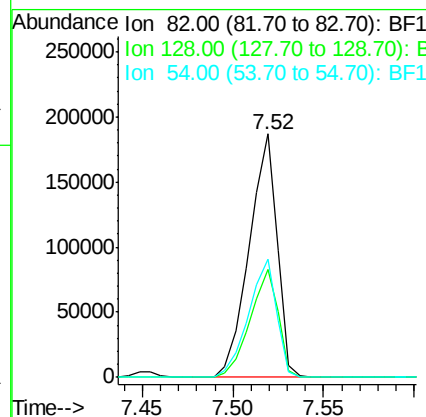
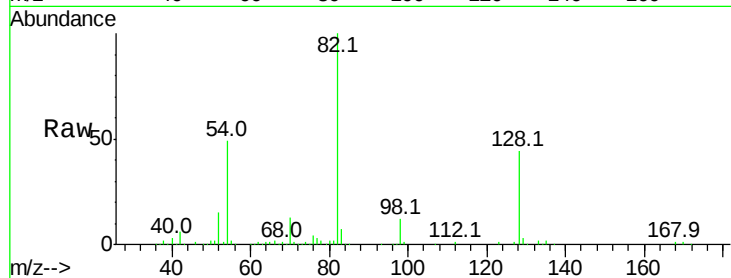
#23  
Nitrobenzene-d5  
Concen: 99.424 ng  
RT: 7.52 min Scan# 881  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 199884 |       |       |
| 128     | 44.4  | 36.1   | 54.1  |       |
| 54      | 48.7  | 41.4   | 62.2  |       |

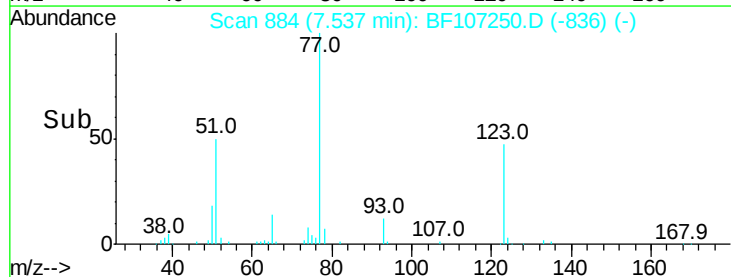
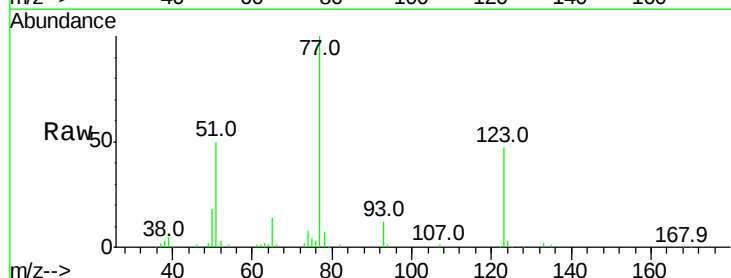
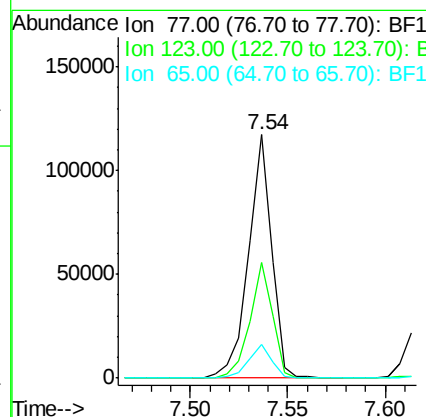
Manual Integrations  
APPROVED

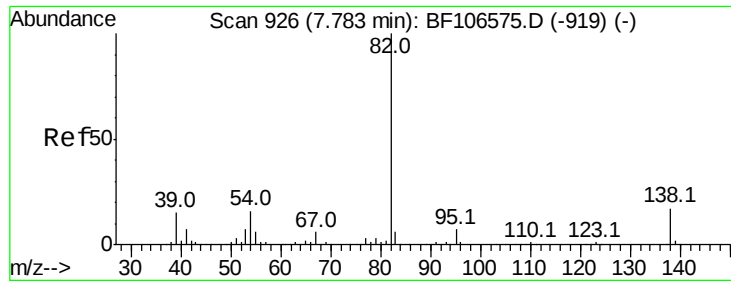
Sohil  
7/10/2018 2:47:15 PM



#24  
Nitrobenzene  
Concen: 47.071 ng  
RT: 7.54 min Scan# 884  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 96616 |       |       |
| 123     | 47.3  | 37.9  | 56.9  |       |
| 65      | 13.7  | 11.0  | 16.4  |       |





#25

Isophorone

Concen: 50.677 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

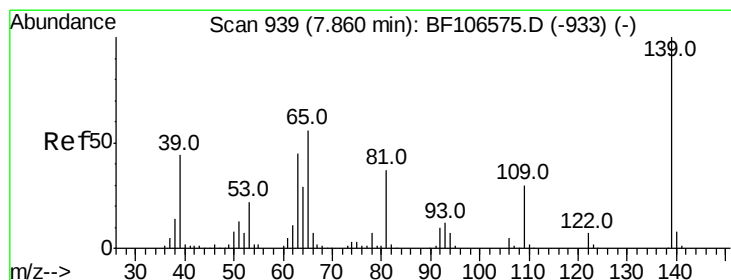
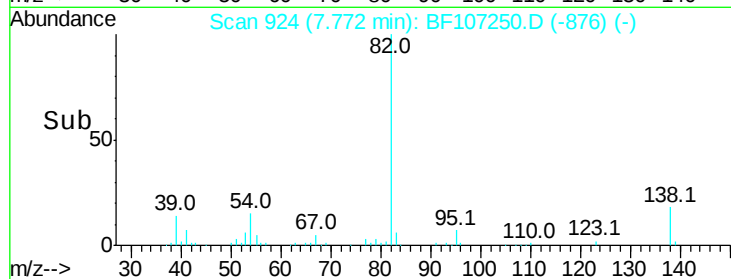
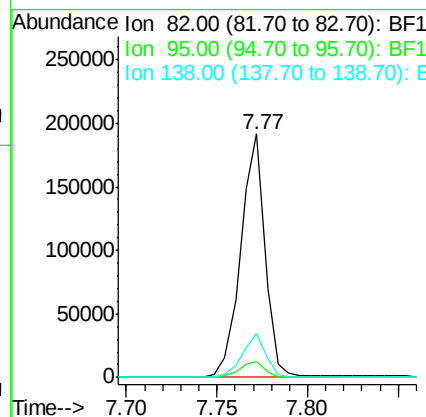
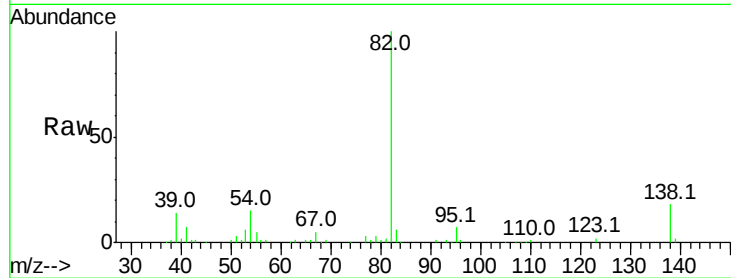
ClientSampleId :

PB110915BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 179532 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.7   | 5.2   | 7.8    |
| 138       | 18.2  | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 35.940 ng

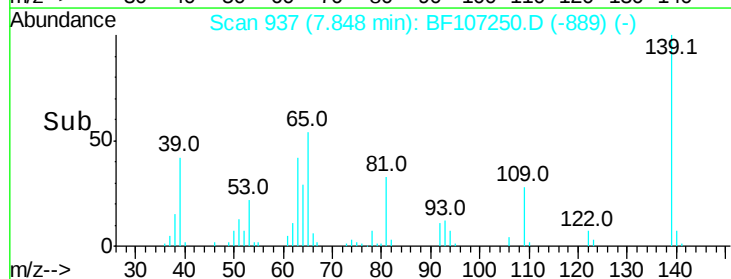
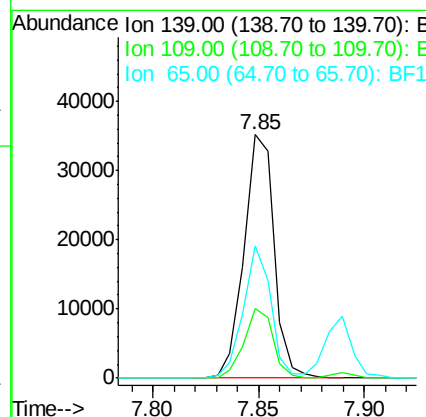
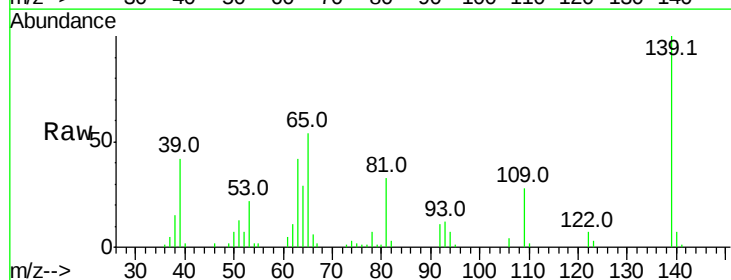
RT: 7.85 min Scan# 937

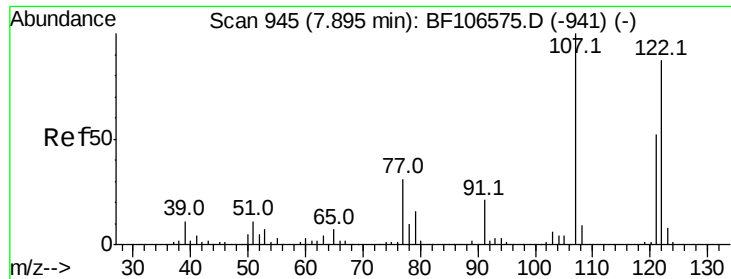
Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 34824 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 28.3  | 22.7  | 34.1  |
| 65        | 54.1  | 40.5  | 60.7  |





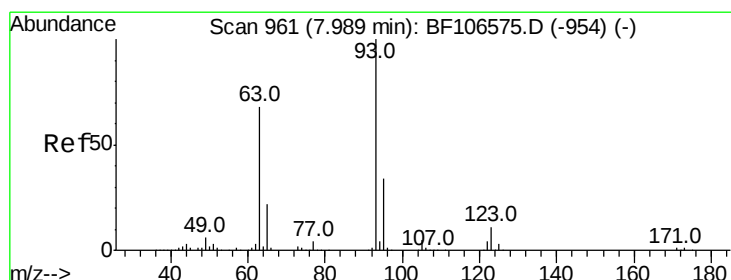
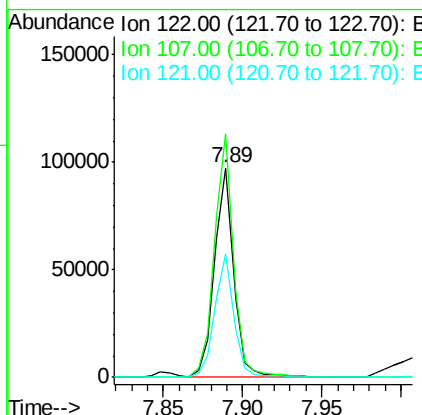
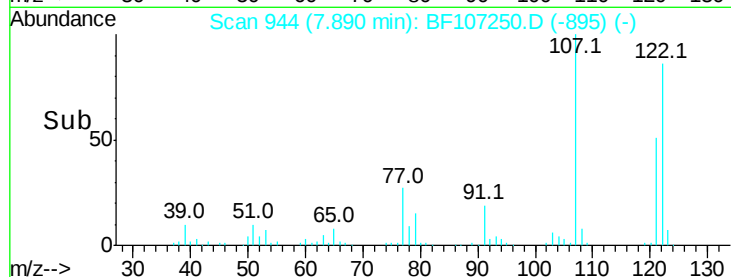
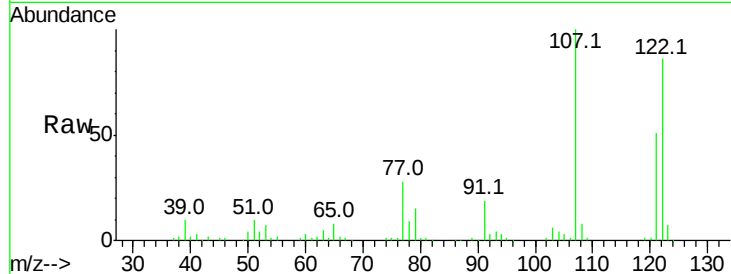
#27  
 2,4-Dimethylphenol  
 Concen: 55.340 ng  
 RT: 7.89 min Scan# 944  
 Delta R.T. -0.01 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110915BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 122   | Resp: | 82880 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 116.4 | 91.2  | 136.8 |
| 121       | 59.0  | 47.2  | 70.8  |

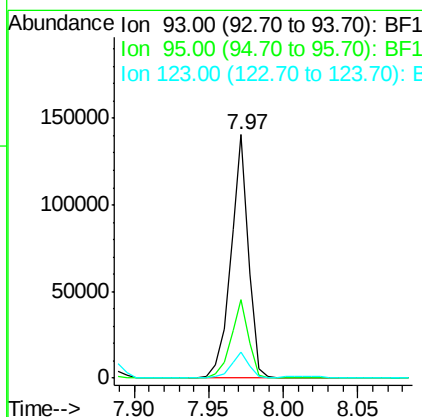
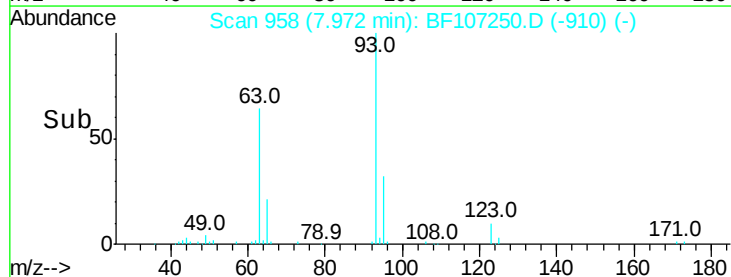
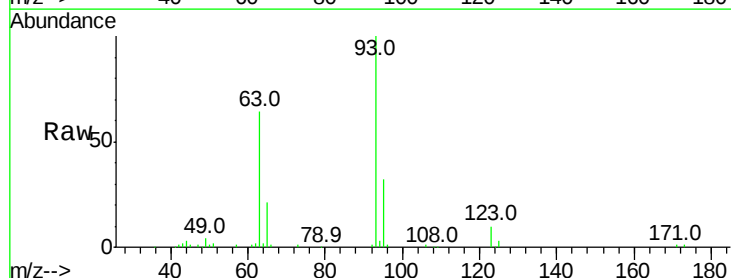
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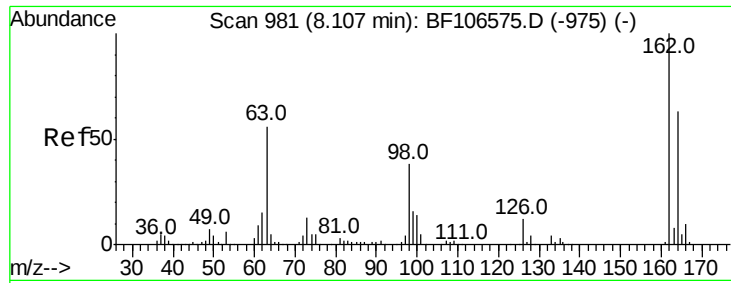
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 49.431 ng  
 RT: 7.97 min Scan# 958  
 Delta R.T. -0.02 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 117577 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.3  | 26.3  | 39.5   |
| 123       | 10.5  | 9.8   | 14.6   |





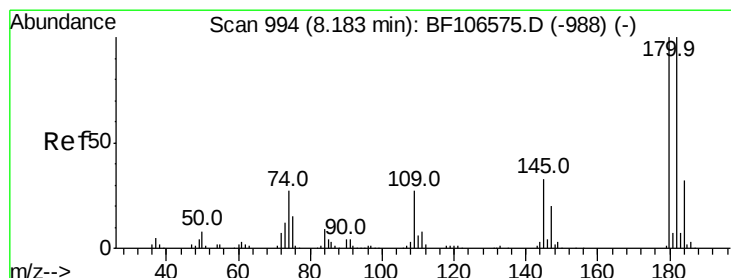
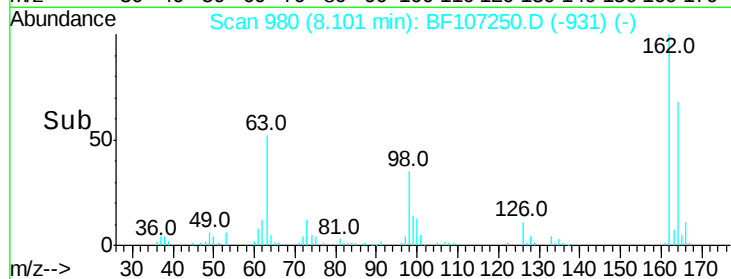
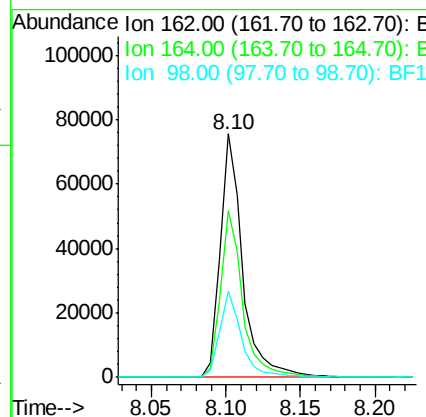
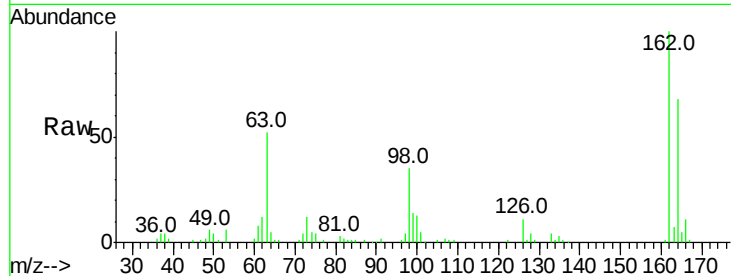
#29  
 2,4-Dichlorophenol  
 Concen: 50.398 ng  
 RT: 8.10 min Scan# 980  
 Delta R.T. -0.01 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110915BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 68.5  | 42.7       | 82.7  |
| 98      | 35.2  | 18.1       | 58.1  |

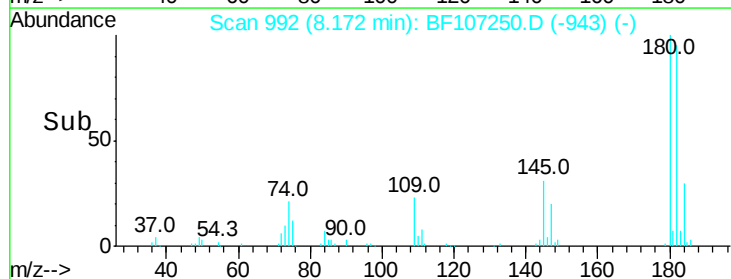
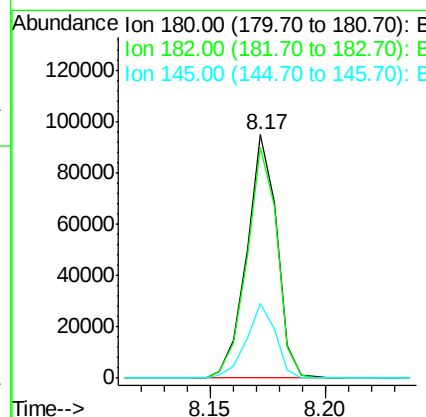
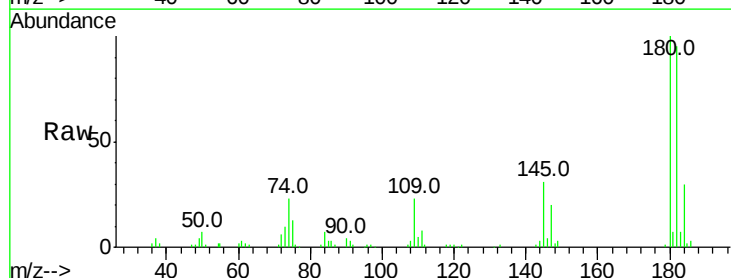
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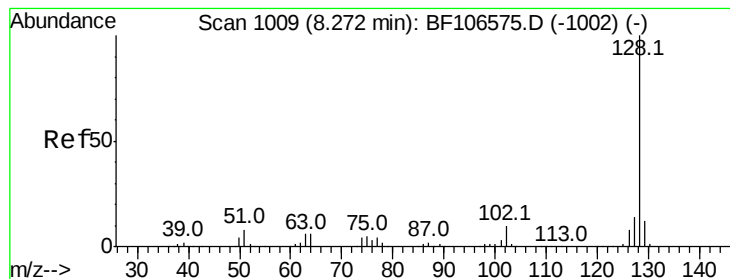
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 50.148 ng  
 RT: 8.17 min Scan# 992  
 Delta R.T. -0.01 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.0  | 76.8       | 115.2 |
| 145     | 30.5  | 26.5       | 39.7  |





#31

Naphthalene

Concen: 47.871 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

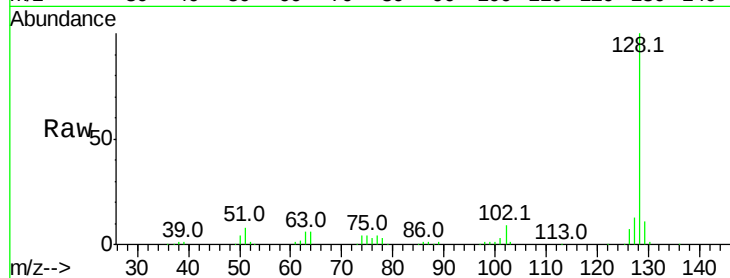
ClientSampleId :

PB110915BS

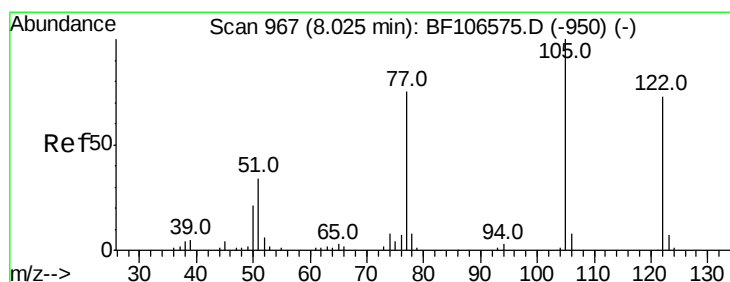
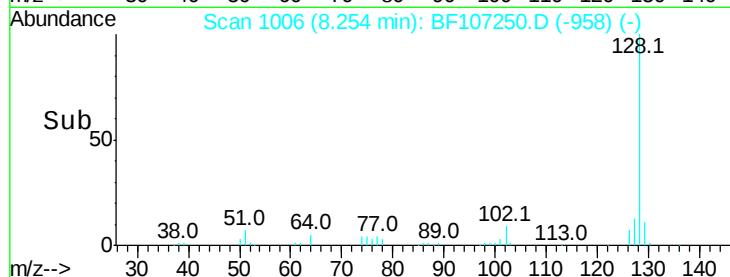
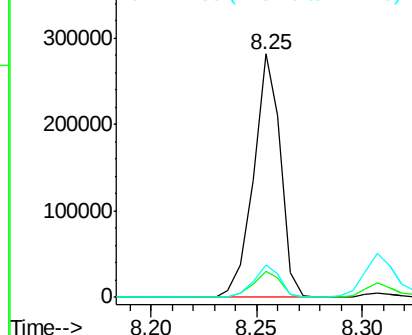
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 250055 |       |       |
| 129     | 10.9  | 8.8    | 13.2  |       |
| 127     | 13.1  | 10.9   | 16.3  |       |

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



#32

Benzoic acid

Concen: 31.395 ng m

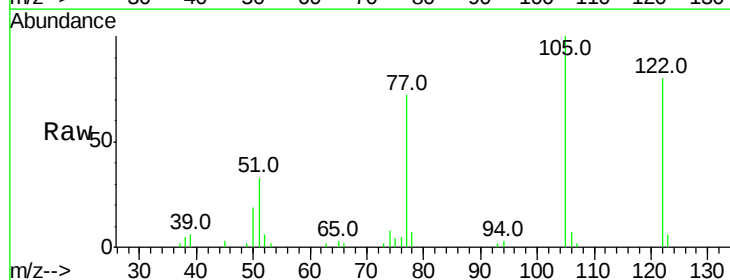
RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

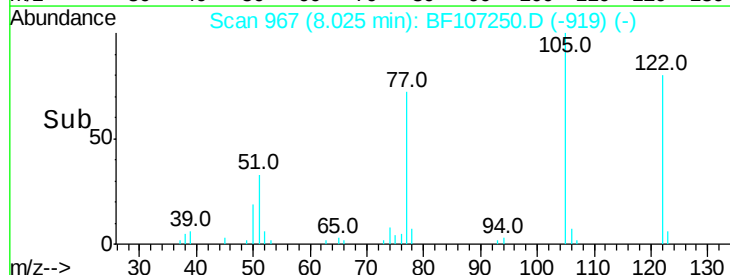
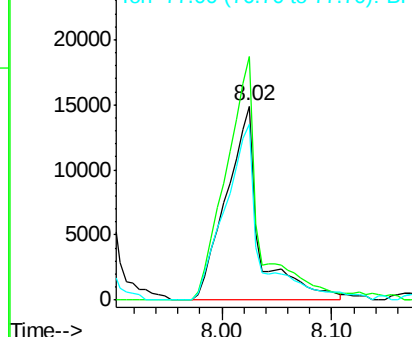
Lab File: BF107250.D

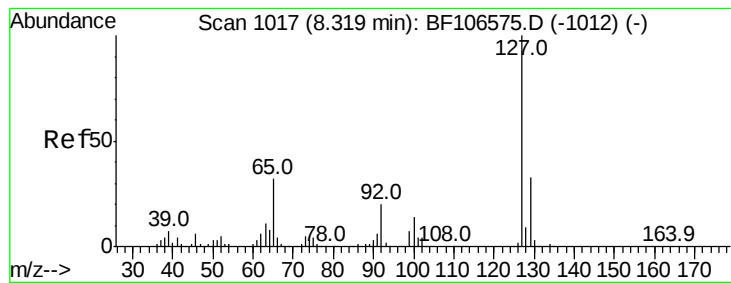
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 31748 |       |       |
| 105     | 125.3 | 101.1 | 141.1 |       |
| 77      | 90.7  | 70.7  | 110.7 |       |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 26.244 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

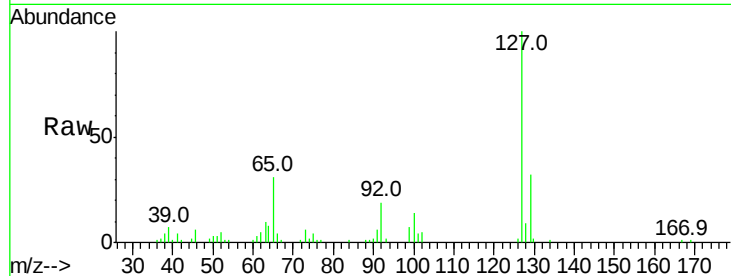
ClientSampleId :

PB110915BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.6 |       | 25.9 | 38.9  |       |
| 65      | 31.0 |       | 25.0 | 37.4  |       |
| 92      | 19.3 |       | 15.2 | 22.8  |       |

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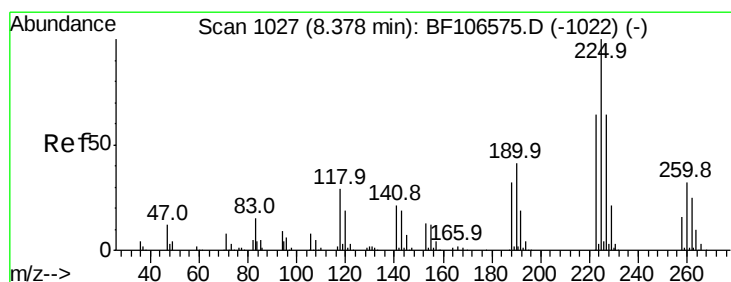
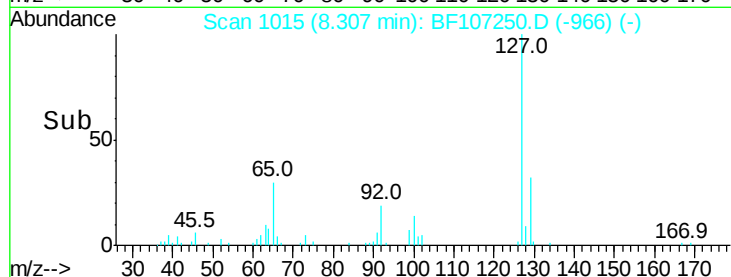
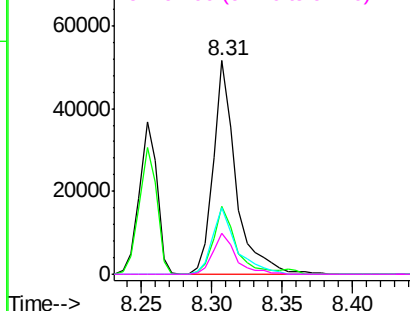


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 52.266 ng

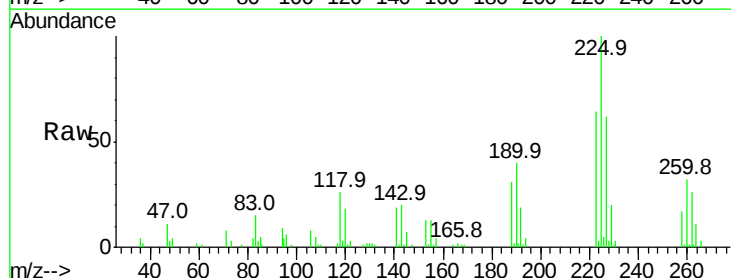
RT: 8.35 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

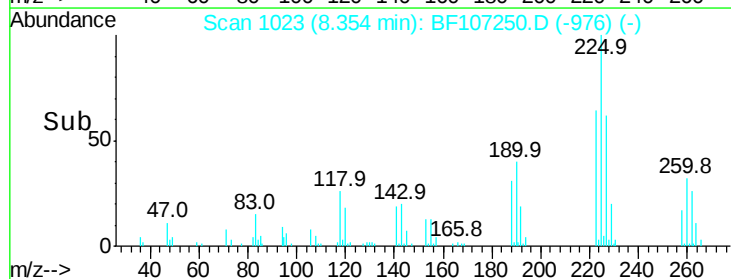
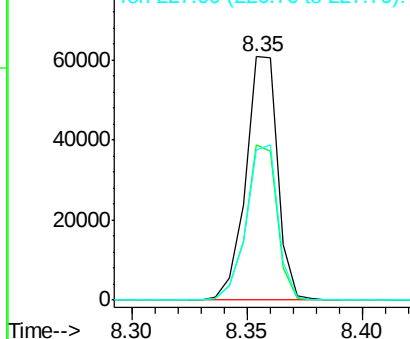
| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.5 |       | 50.6 | 76.0  |       |
| 227     | 61.6 |       | 51.9 | 77.9  |       |

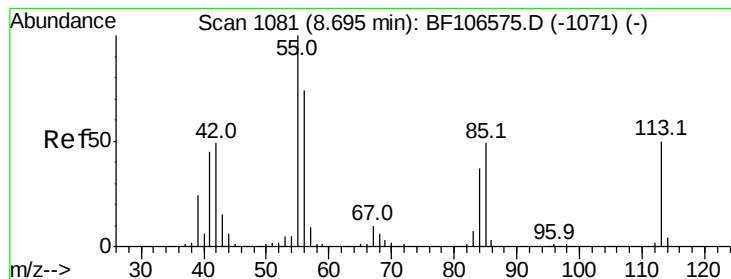


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.826 ng

RT: 8.68 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

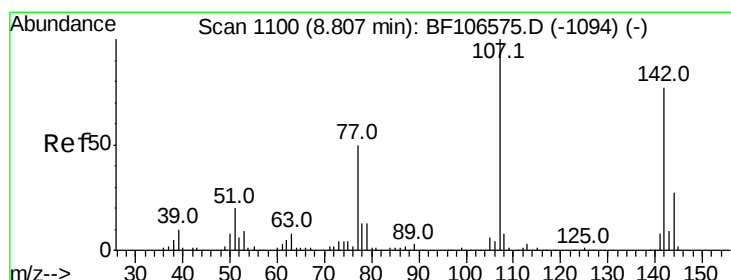
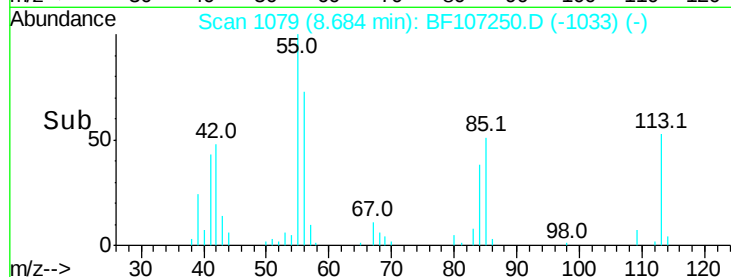
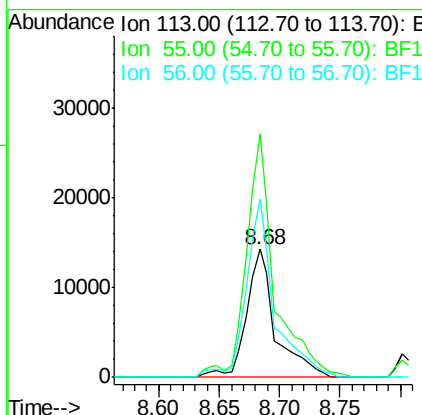
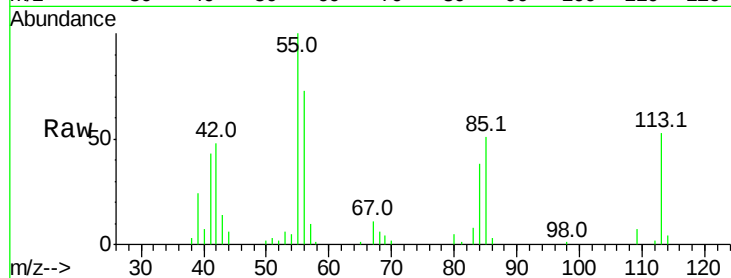
ClientSampleId :

PB110915BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 23933 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 190.4 | 163.3 | 203.3 |
| 56        | 139.7 | 115.7 | 155.7 |

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#36

4-Chloro-3-methylphenol

Concen: 46.382 ng

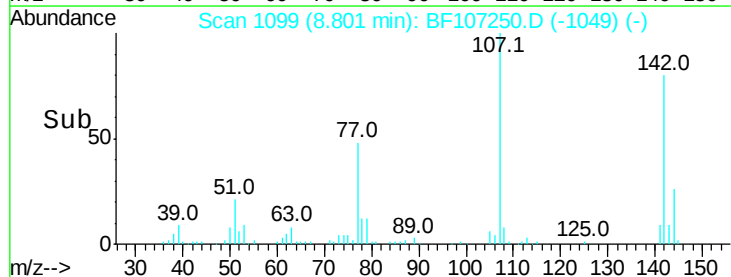
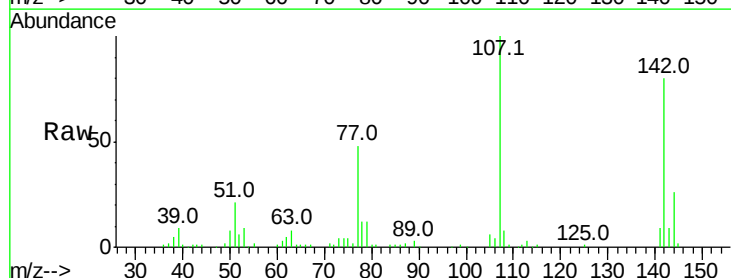
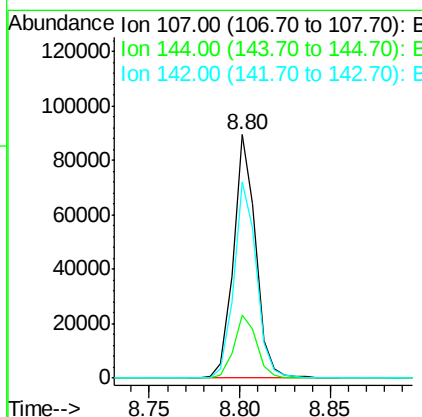
RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 76547 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 144       | 26.0  | 20.5  | 30.7  |
| 142       | 80.4  | 62.0  | 93.0  |





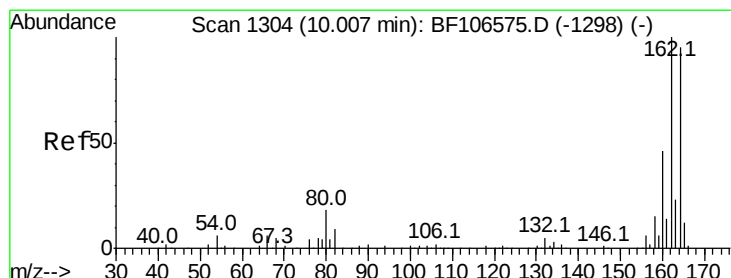
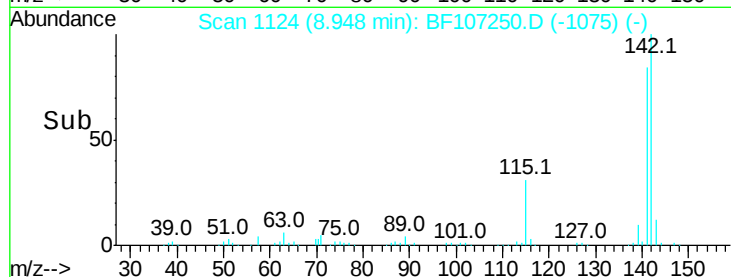
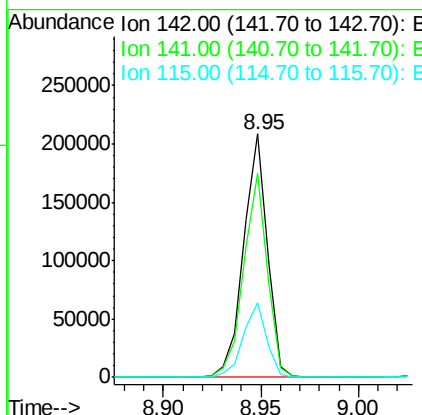
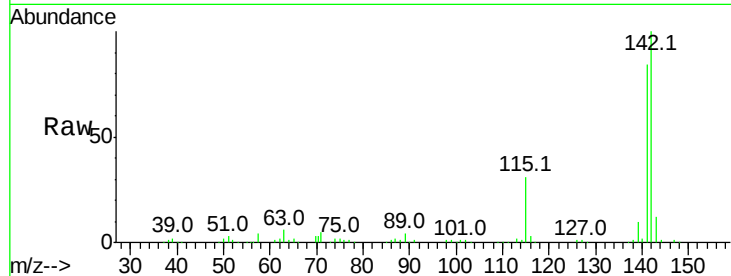
#37  
2-Methylnaphthalene  
Concen: 51.095 ng  
RT: 8.95 min Scan# 1124  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampled :  
PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 83.7  | 70.8  | 106.2 |
| 115     | 30.6  | 26.1  | 39.1  |

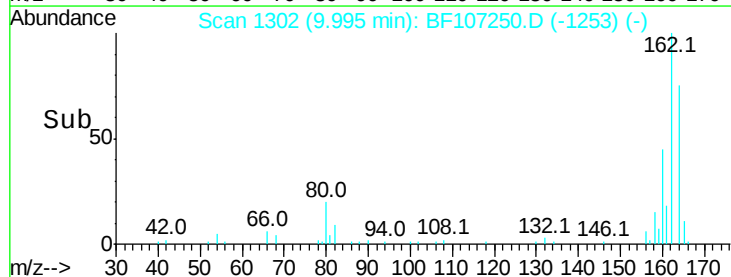
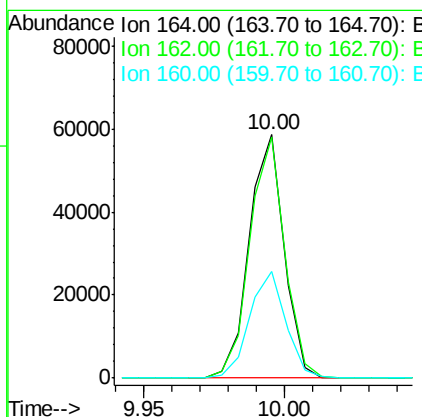
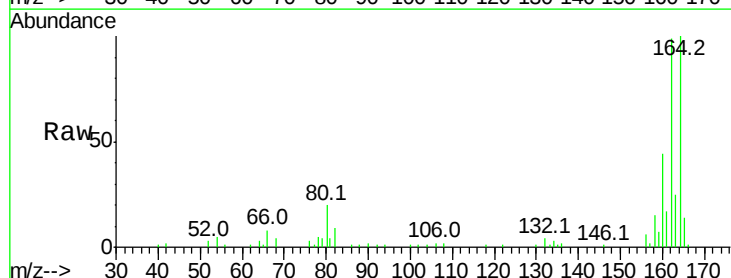
Manual Integrations  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.9  | 86.1  | 129.1 |
| 160     | 43.9  | 38.3  | 57.5  |





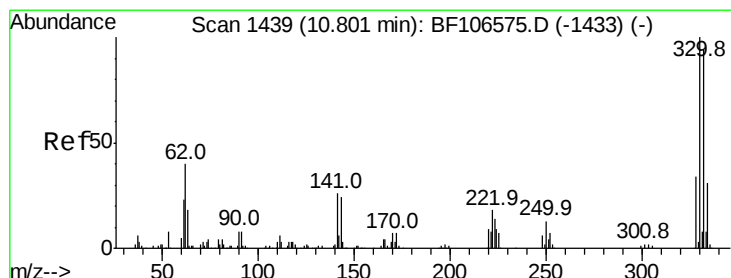
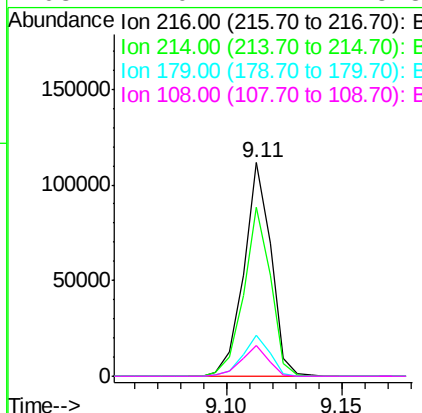
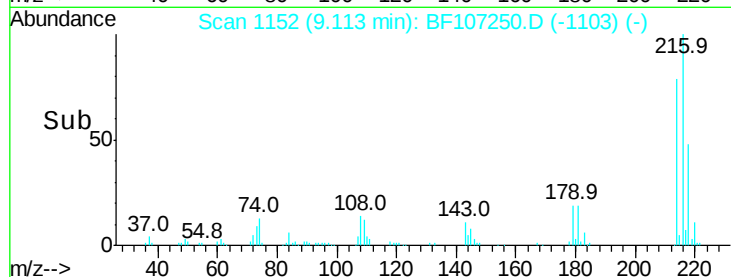
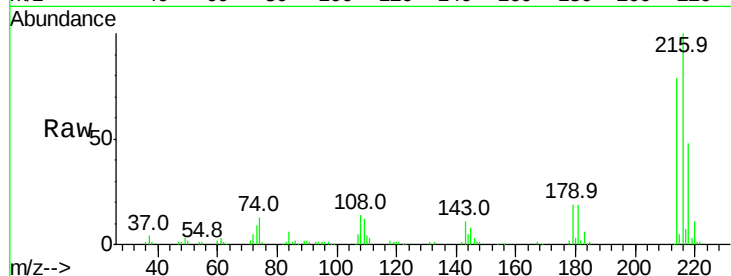
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 54.291 ng  
 RT: 9.11 min Scan# 1152  
 Delta R.T. -0.01 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110915BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.2  | 63.0       | 94.4  |
| 179     | 19.1  | 18.1       | 27.1  |
| 108     | 14.0  | 17.2       | 25.8  |

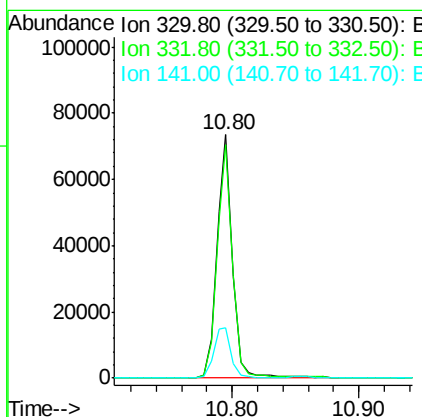
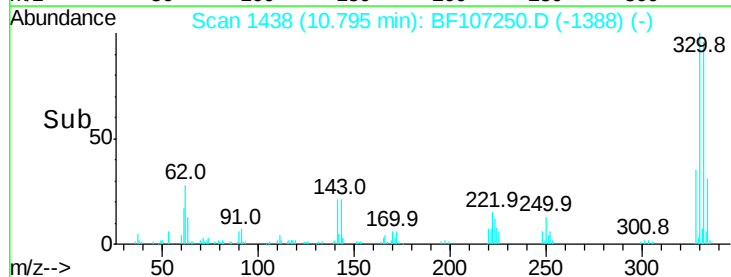
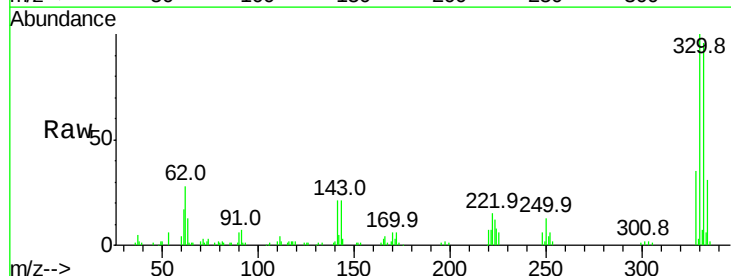
Manual Integrations  
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#41  
 2,4,6-Tribromophenol  
 Concen: 108.796 ng  
 RT: 10.80 min Scan# 1438  
 Delta R.T. -0.01 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 95.8  | 77.0       | 115.6 |
| 141     | 23.1  | 29.9       | 44.9  |





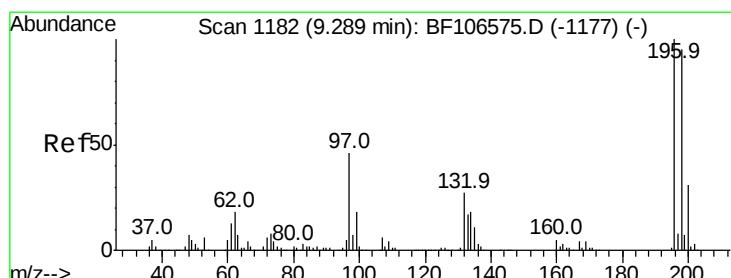
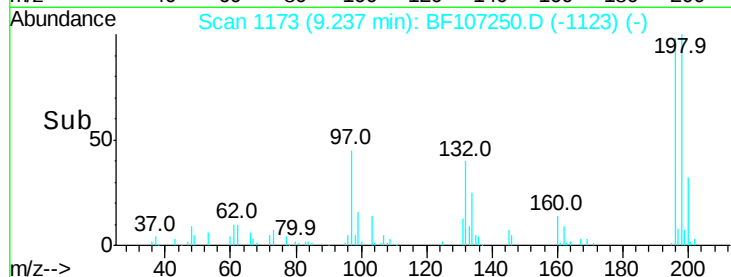
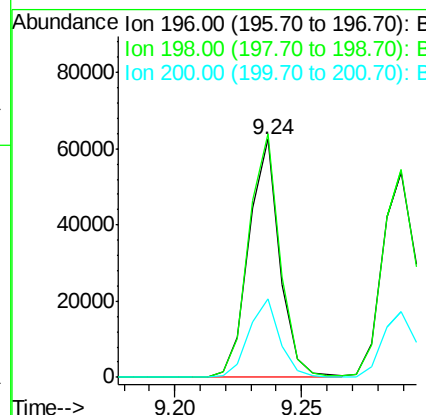
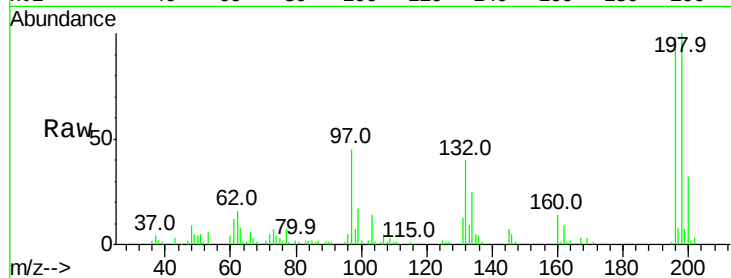
#42  
 2,4,6-Trichlorophenol  
 Concen: 47.140 ng  
 RT: 9.24 min Scan# 1173  
 Delta R.T. -0.01 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110915BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 52856 |       |       |
| 198     | 102.3 |       | 75.7  | 113.5 |
| 200     | 33.2  |       | 24.5  | 36.7  |

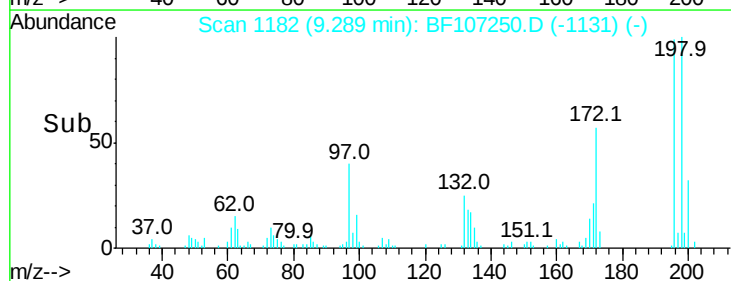
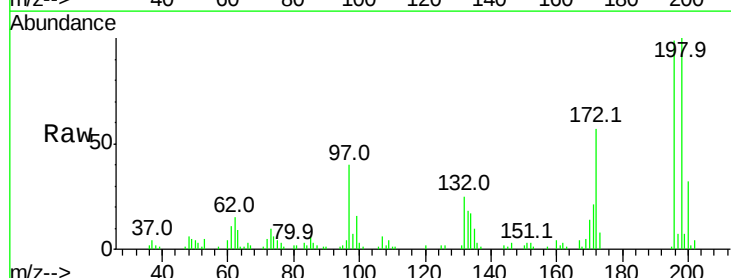
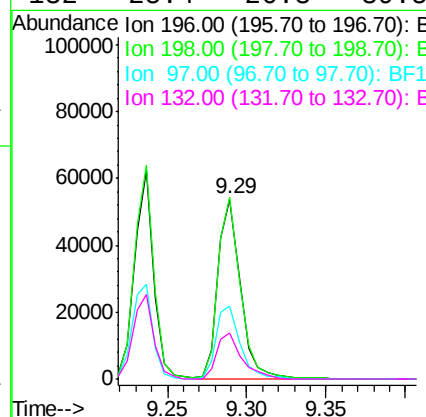
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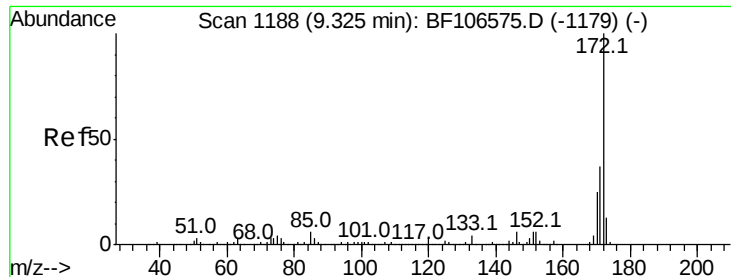
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#43  
 2,4,5-Trichlorophenol  
 Concen: 46.288 ng  
 RT: 9.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 54156 |       |       |
| 198     | 101.5 |       | 74.6  | 112.0 |
| 97      | 40.9  |       | 42.9  | 64.3# |
| 132     | 25.4  |       | 26.3  | 39.5# |





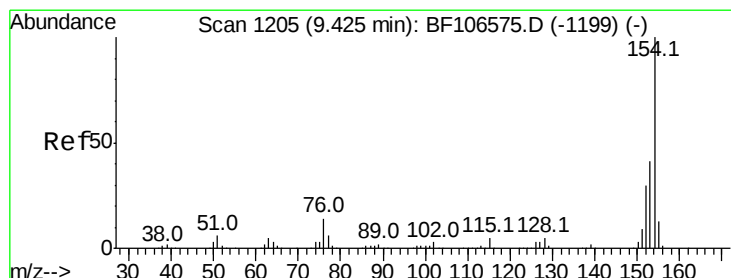
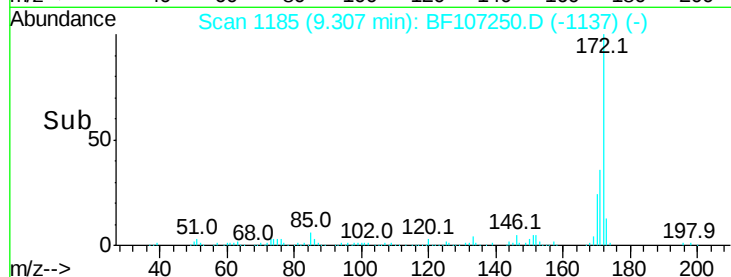
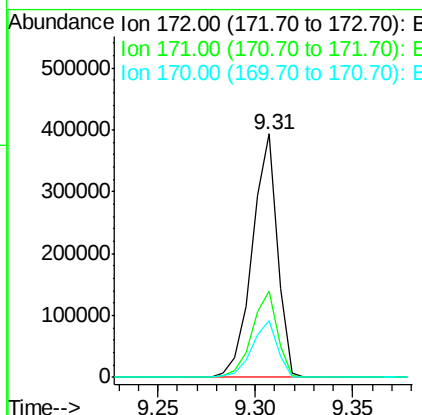
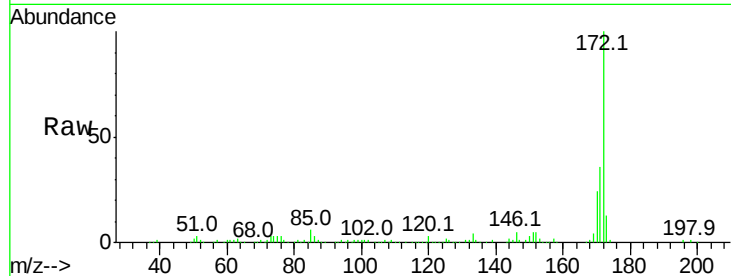
#44  
2-Fluorobiphenyl  
Concen: 125.734 ng  
RT: 9.31 min Scan# 1185  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampled :  
PB110915BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 35.5  | 29.7 | 44.5  |       |
| 170     | 23.6  | 19.6 | 29.4  |       |

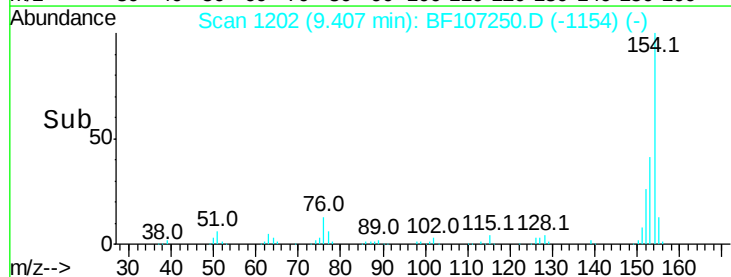
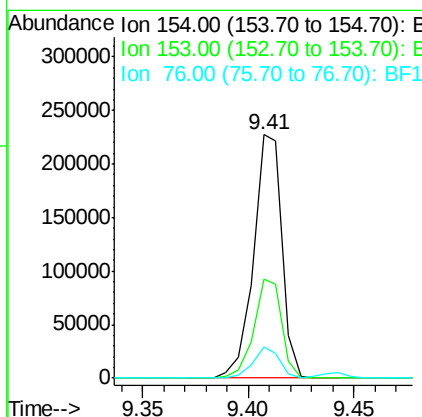
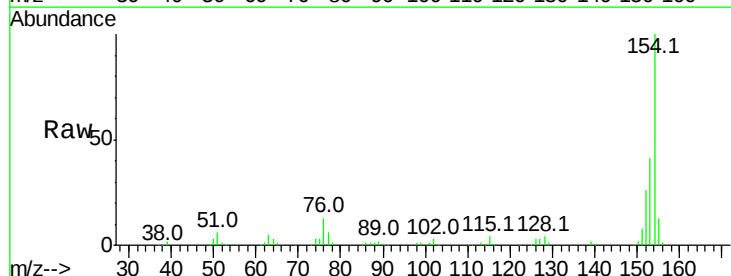
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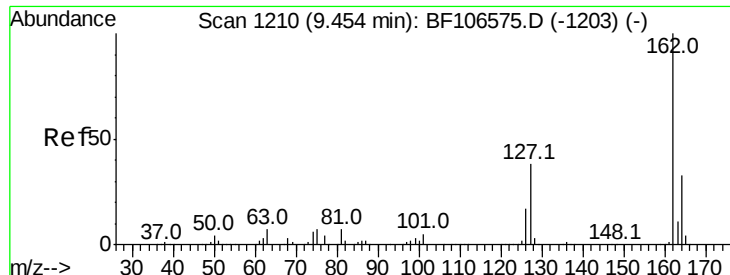
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#45  
1,1'-Biphenyl  
Concen: 53.267 ng  
RT: 9.41 min Scan# 1202  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.7  | 21.3 | 61.3  |       |
| 76      | 12.6  | 0.0  | 34.0  |       |





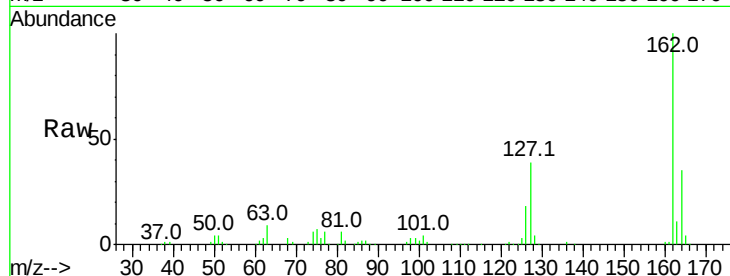
#46  
2-Chloronaphthalene  
Concen: 47.610 ng  
RT: 9.44 min Scan# 1208  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

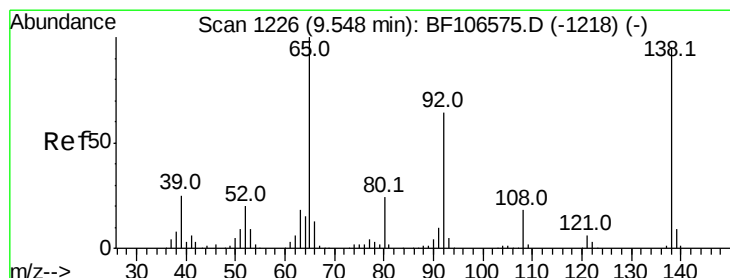
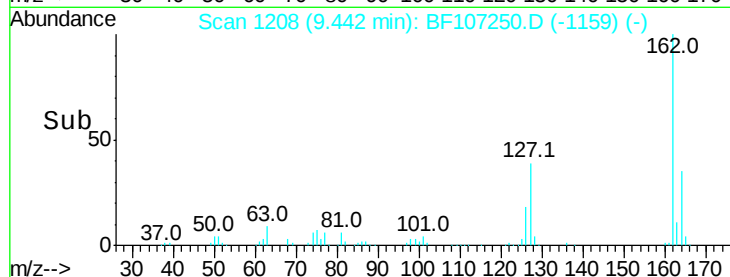
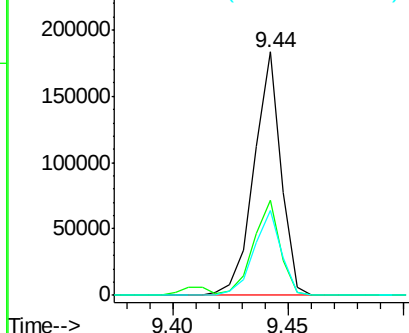
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 38.9  | 33.9       | 50.9  |
| 164     | 34.9  | 26.5       | 39.7  |

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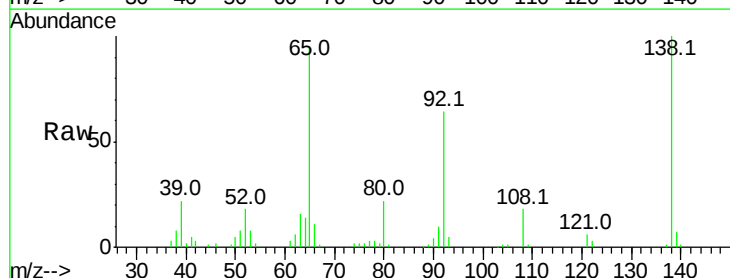


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

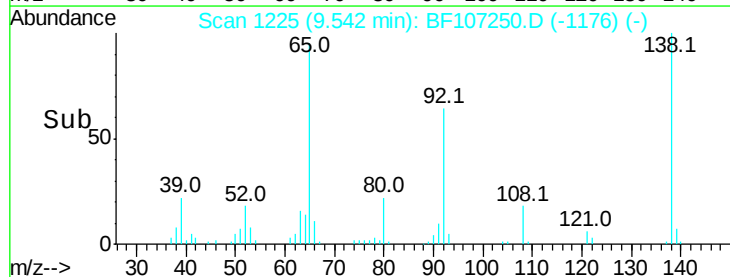
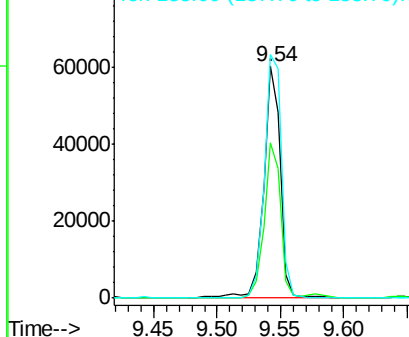


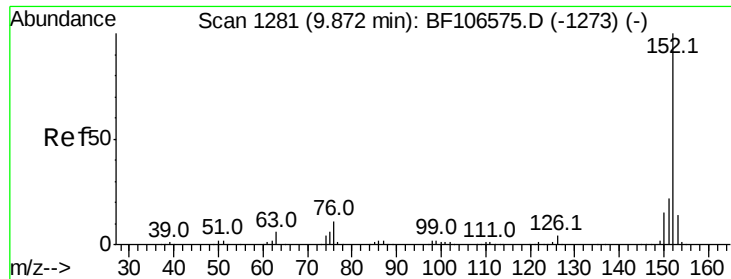
#47  
2-Nitroaniline  
Concen: 52.437 ng  
RT: 9.54 min Scan# 1225  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 67.0  | 55.8       | 83.6  |
| 138     | 105.1 | 91.2       | 136.8 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 48.281 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

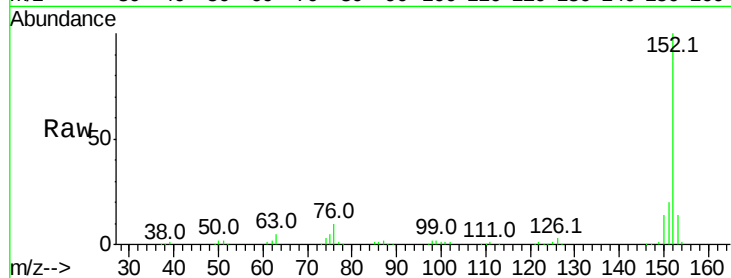
ClientSampleId :

PB110915BS

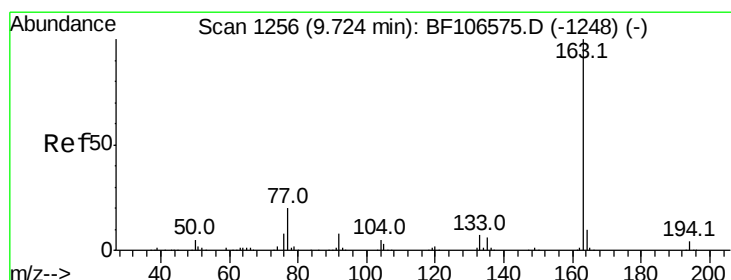
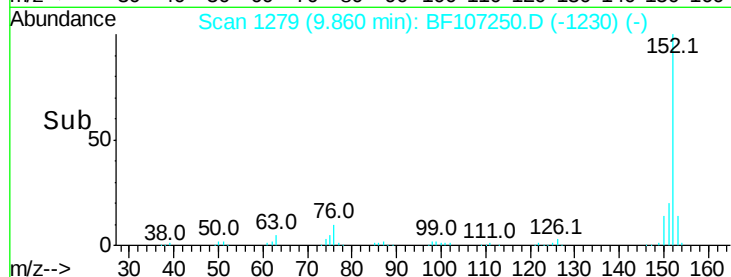
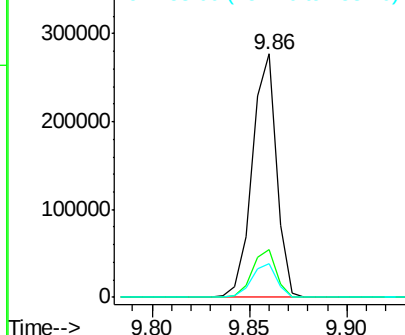
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 239509 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.6  | 16.3  | 24.5   |
| 153       | 13.8  | 10.7  | 16.1   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.926 ng

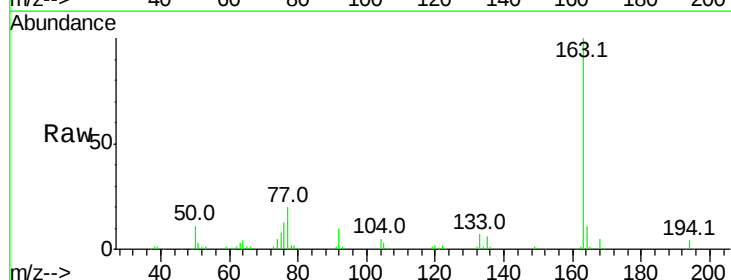
RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

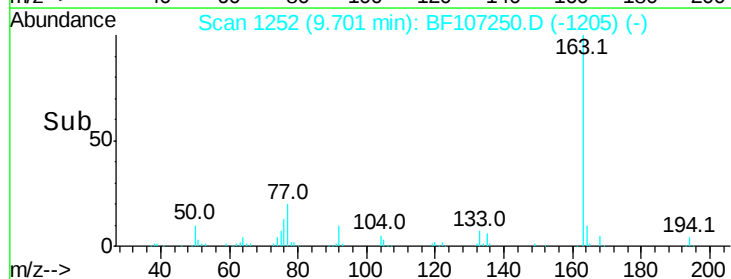
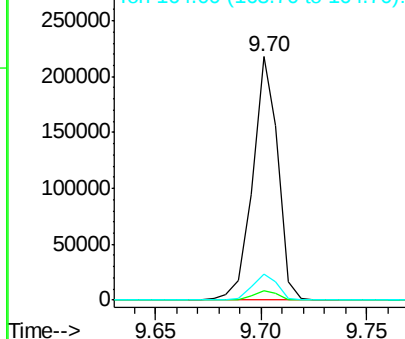
Lab File: BF107250.D

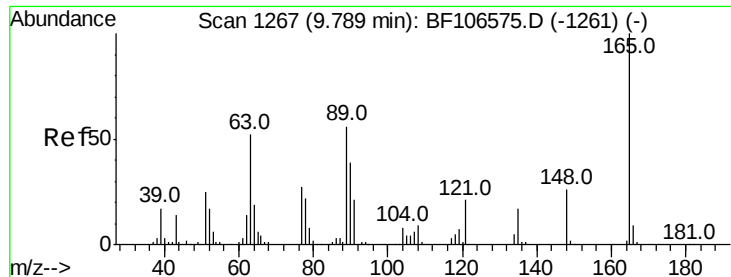
Acq: 10 Jul 2018 1:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 180041 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.6   | 2.7   | 4.1    |
| 164       | 10.9  | 8.2   | 12.2   |



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





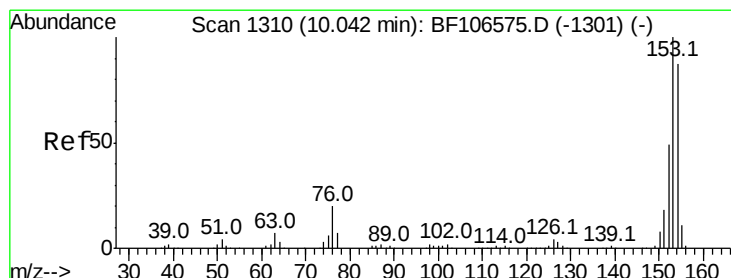
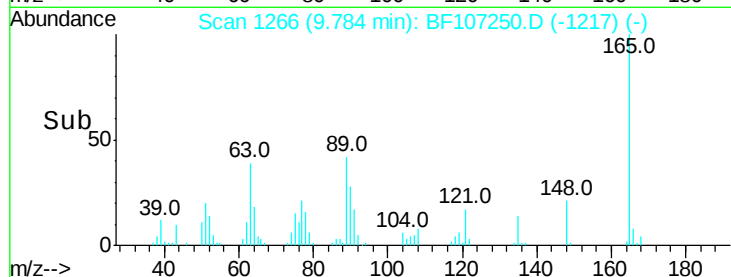
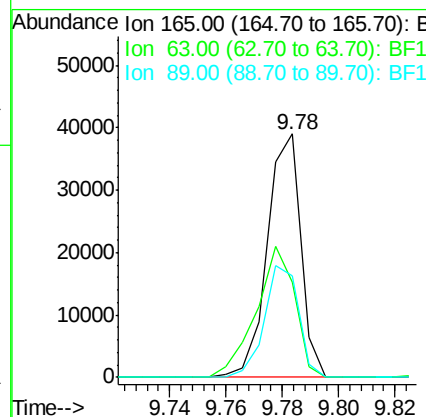
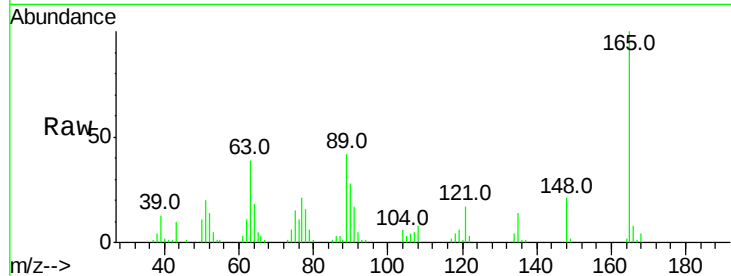
#50  
2,6-Dinitrotoluene  
Concen: 40.257 ng  
RT: 9.78 min Scan# 1266  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 39.2  | 44.7       | 67.1# |
| 89      | 41.8  | 44.0       | 66.0# |

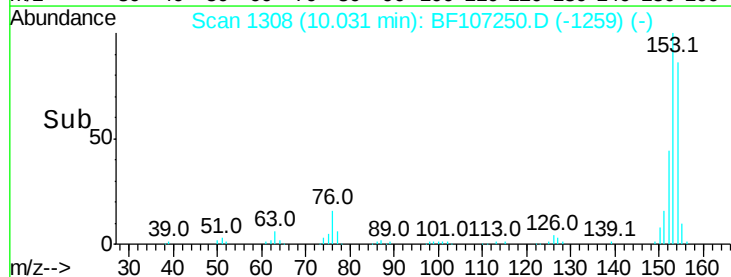
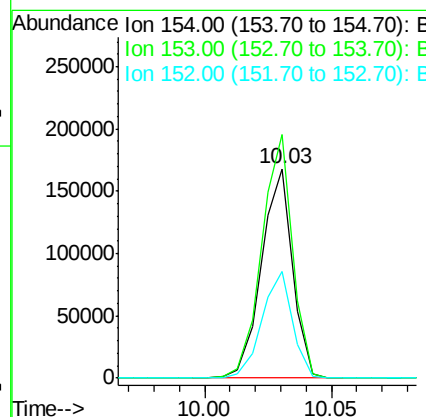
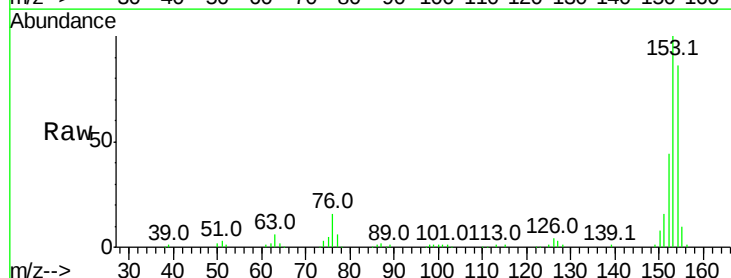
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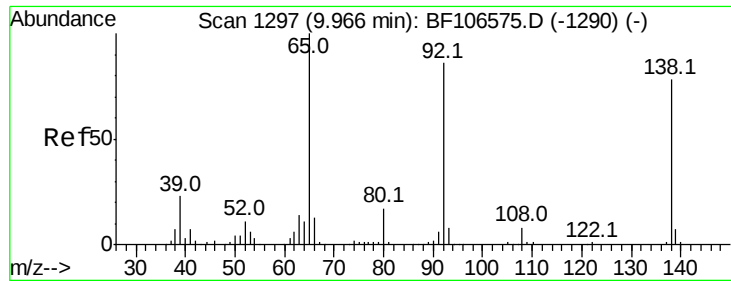
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#51  
Acenaphthene  
Concen: 45.726 ng  
RT: 10.03 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 116.3 | 91.2       | 136.8 |
| 152     | 51.1  | 43.8       | 65.8  |





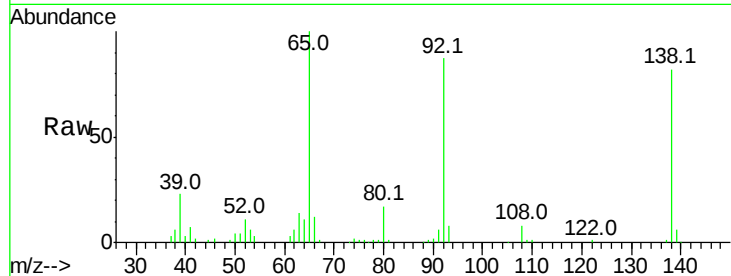
#52  
3-Nitroaniline  
Concen: 55.174 ng  
RT: 9.96 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

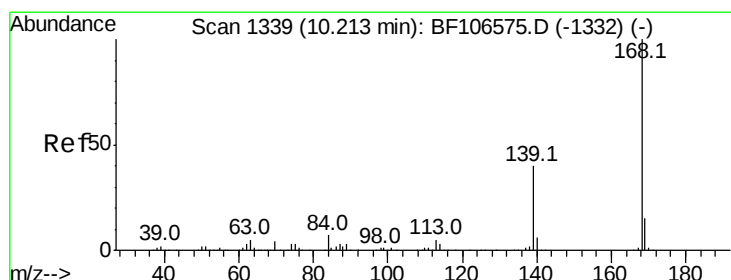
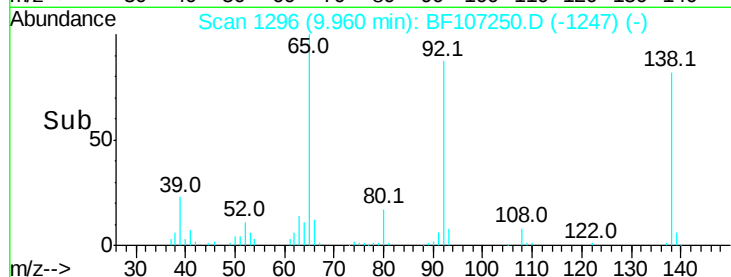
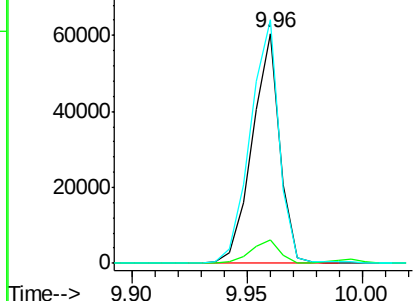
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.3  | 9.4   | 14.0  |
| 92      | 106.0 | 89.4  | 134.2 |

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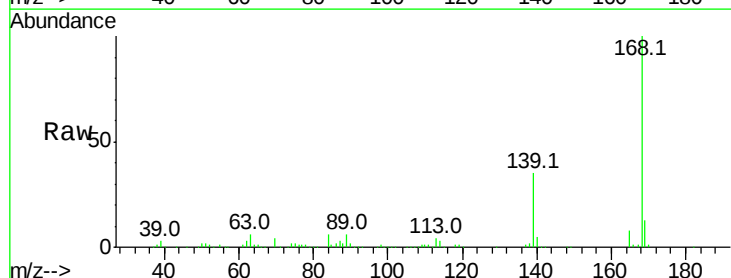


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

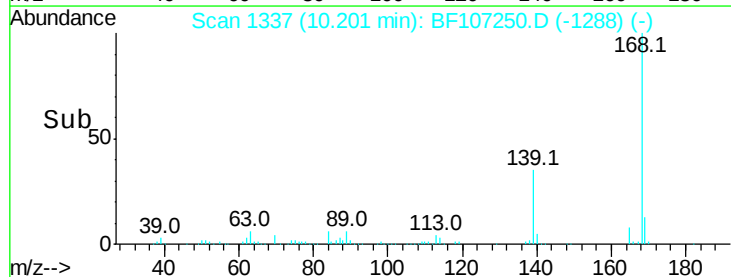
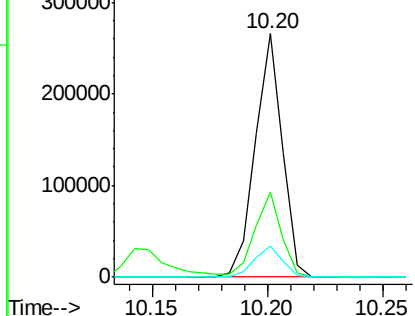


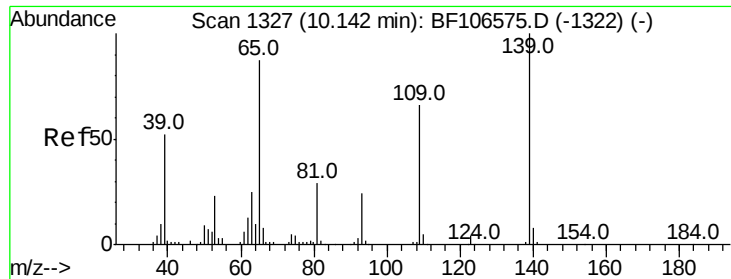
#54  
Dibenzofuran  
Concen: 50.906 ng  
RT: 10.20 min Scan# 1337  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.7  | 30.1  | 45.1  |
| 169     | 13.0  | 10.9  | 16.3  |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





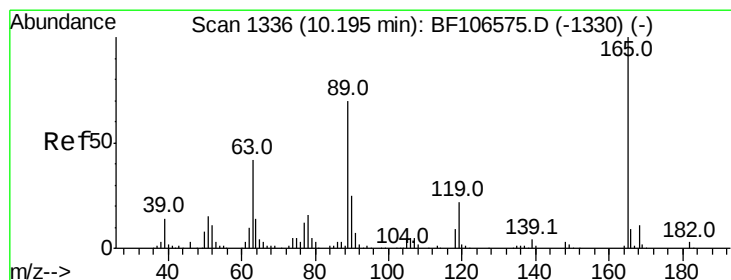
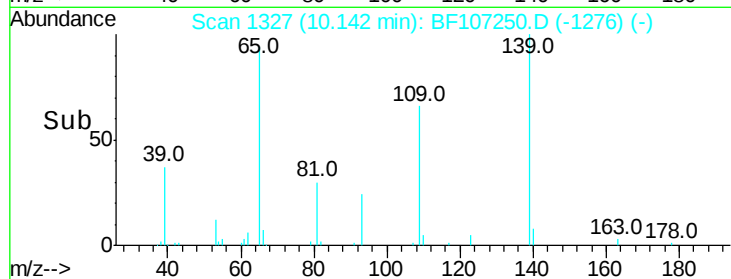
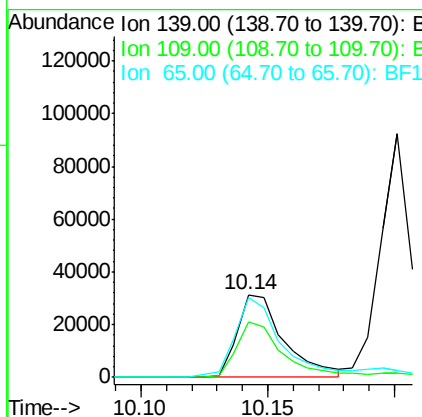
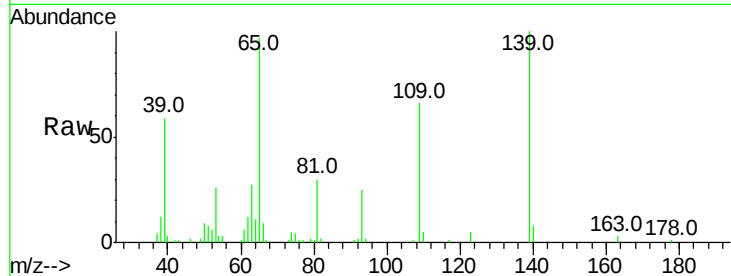
#55  
4-Nitrophenol  
Concen: 63.020 ng  
RT: 10.14 min Scan# 1327  
Delta R.T. 0.00 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.3  | 48.4  | 88.4  |
| 65      | 97.0  | 72.6  | 112.6 |

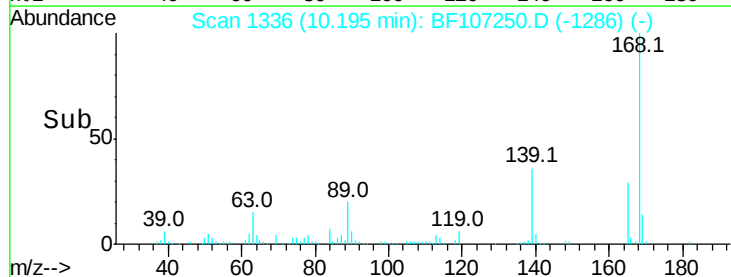
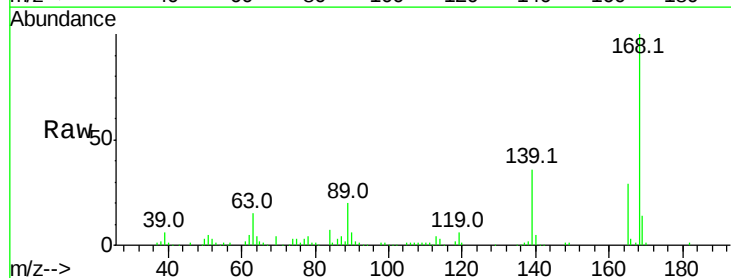
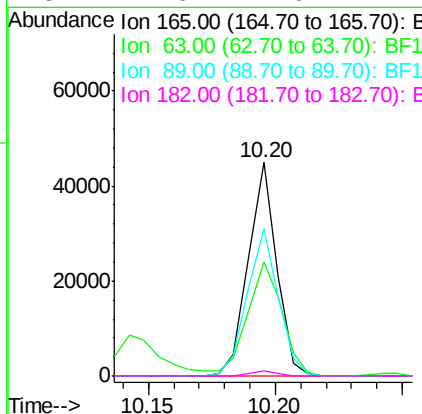
Manual Integrations  
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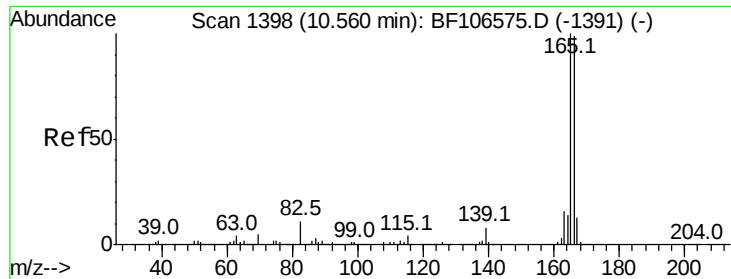
Sohil  
7/10/2018 2:47:15 PM



#56  
2,4-Dinitrotoluene  
Concen: 33.808 ng  
RT: 10.20 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.5  | 36.4  | 54.6  |
| 89      | 69.0  | 57.8  | 86.6  |
| 182     | 2.6   | 1.6   | 2.4   |





#57

Fluorene

Concen: 51.483 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

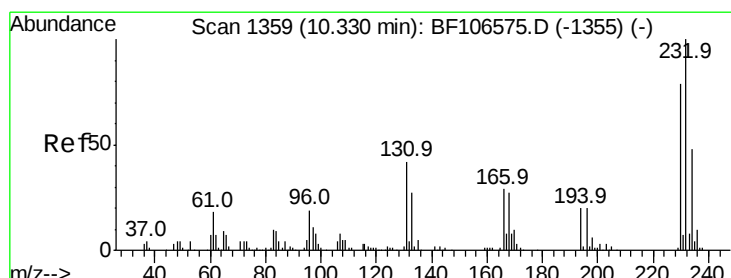
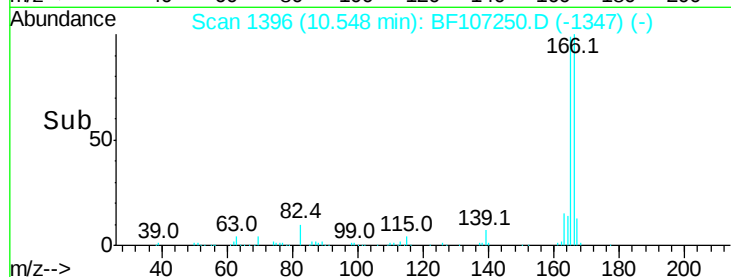
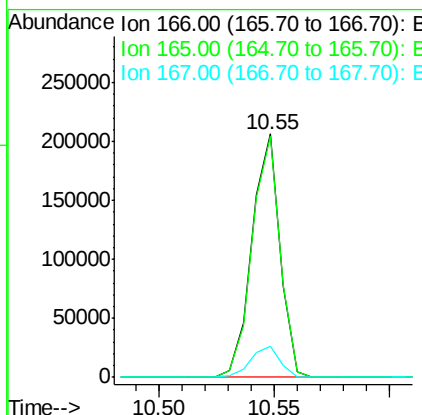
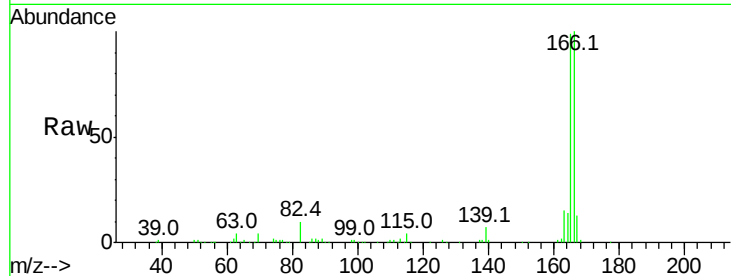
ClientSampled :

PB110915BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 174749 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.0  | 79.8  | 119.8  |
| 167       | 12.9  | 10.6  | 16.0   |

Manual Integrations  
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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.438 ng

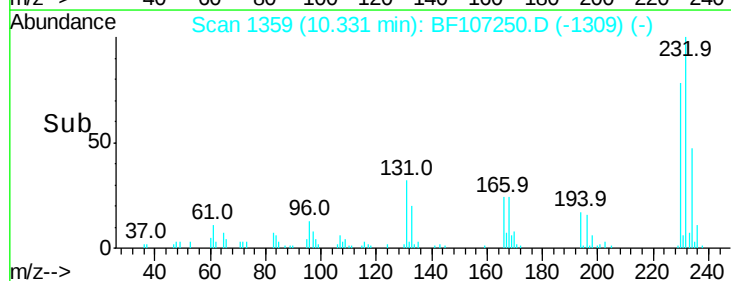
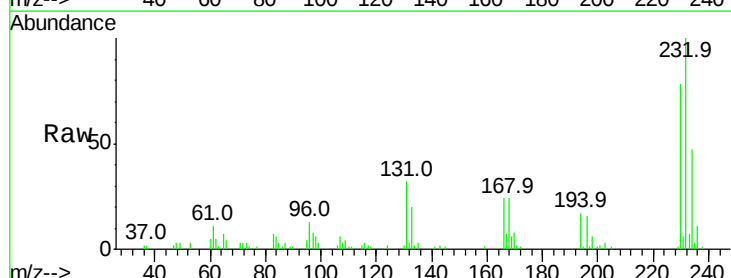
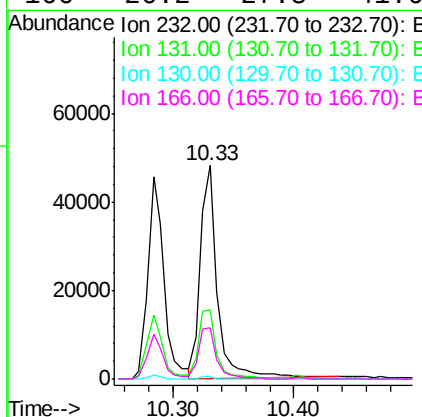
RT: 10.33 min Scan# 1359

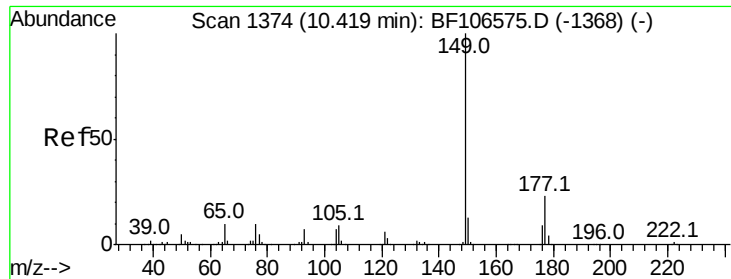
Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 46909 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 36.3  | 43.8  | 65.8# |
| 130       | 1.1   | 2.1   | 3.1#  |
| 166       | 26.2  | 27.8  | 41.6# |





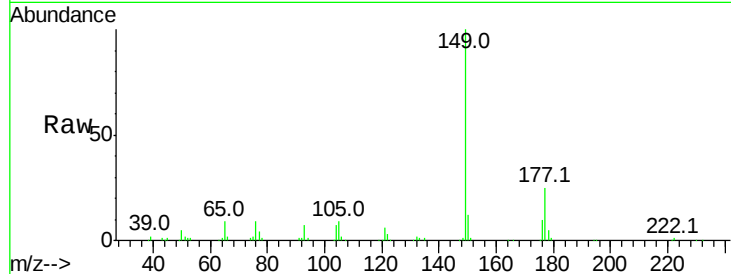
#59  
Diethylphthalate  
Concen: 48.581 ng  
RT: 10.40 min Scan# 1371  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampled :  
PB110915BS

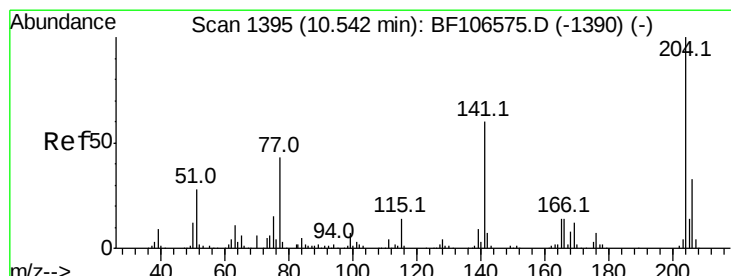
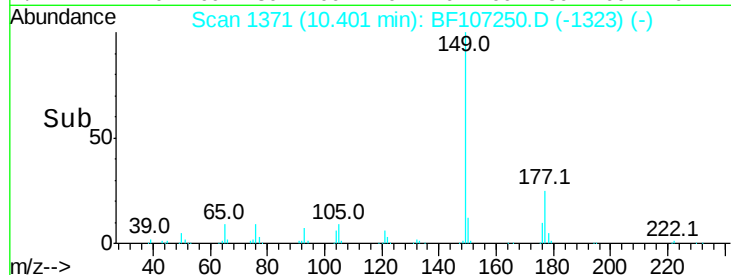
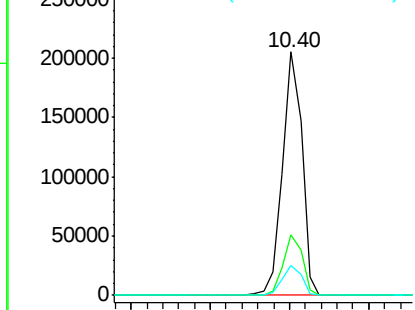
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 176146 |       |       |
| 177     | 24.8  | 16.1   | 24.1# |       |
| 150     | 12.4  | 10.1   | 15.1  |       |

Manual Integrations  
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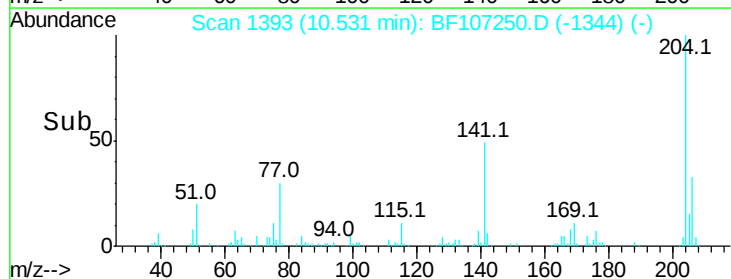
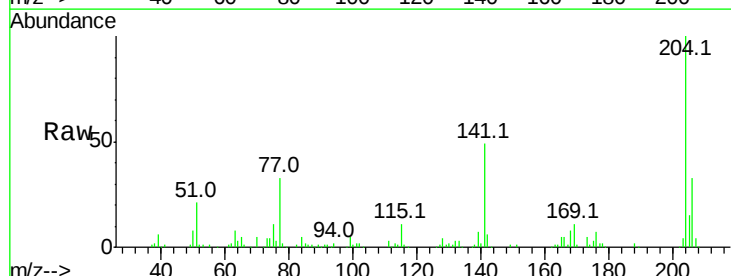
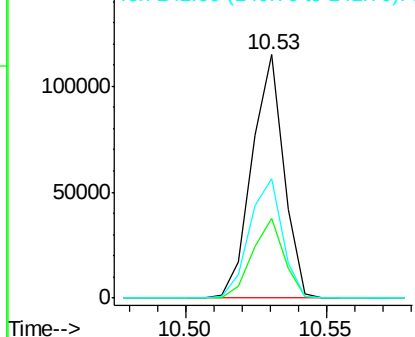
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

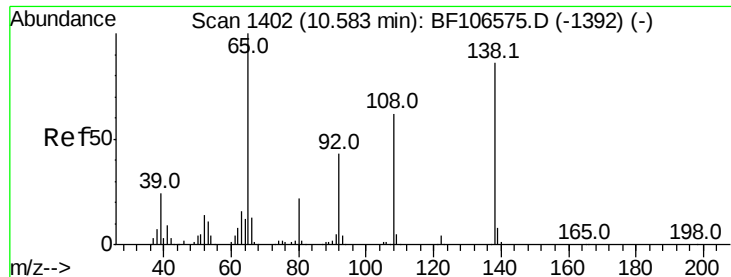


#60  
4-Chlorophenyl-phenylether  
Concen: 50.645 ng  
RT: 10.53 min Scan# 1393  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 89946 |       |       |
| 206     | 32.7  | 26.5  | 39.7  |       |
| 141     | 49.3  | 54.6  | 81.8# |       |

Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





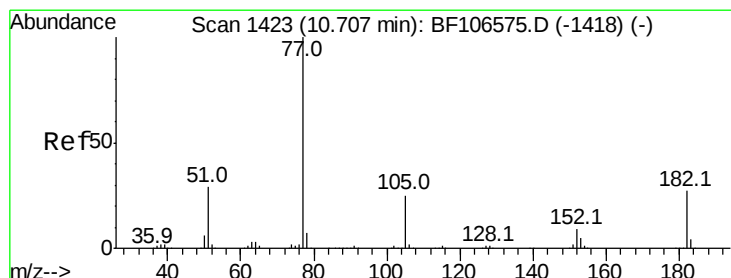
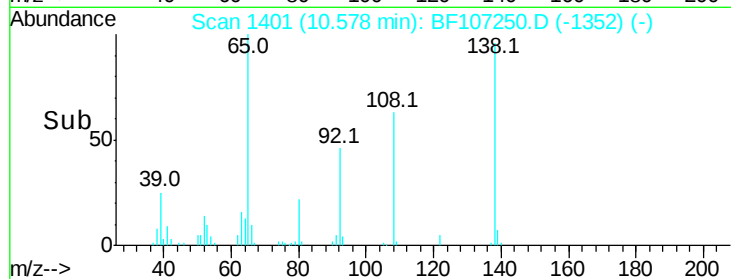
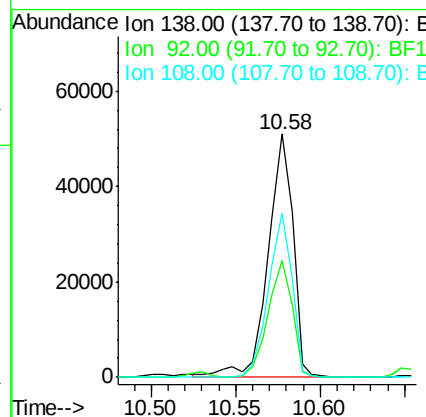
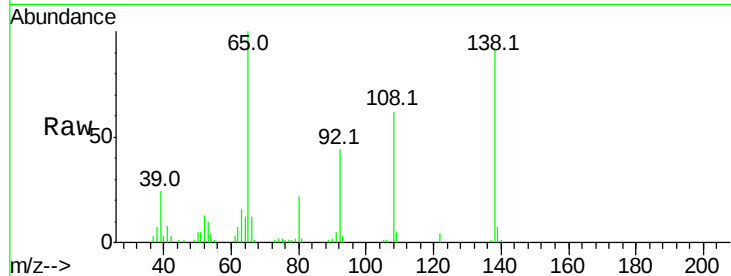
#61  
4-Nitroaniline  
Concen: 57.644 ng  
RT: 10.58 min Scan# 1401  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 52368 |       |       |
| 92      | 47.9  | 30.2  | 70.2  |       |
| 108     | 67.4  | 52.5  | 92.5  |       |

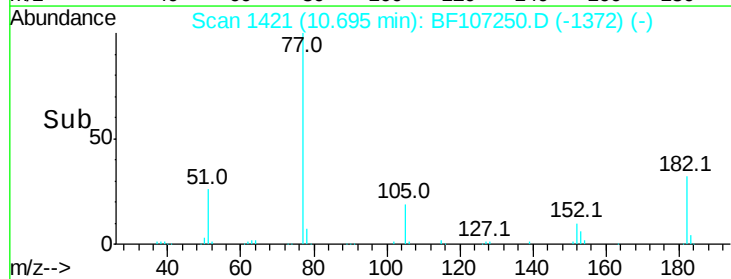
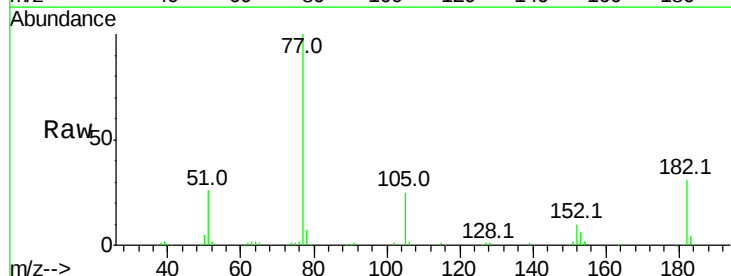
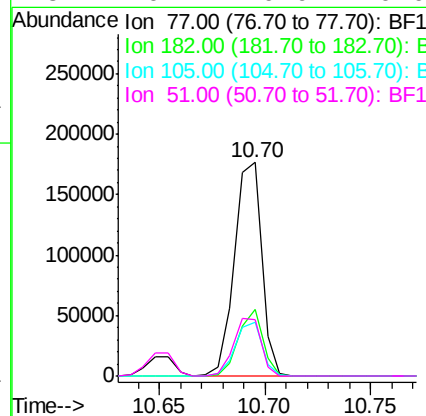
Manual Integrations  
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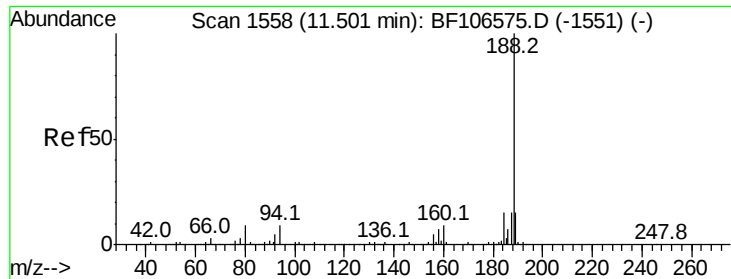
Sohil  
7/10/2018 2:47:15 PM



#62  
Azobenzene  
Concen: 44.071 ng  
RT: 10.70 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 157358 |       |       |
| 182     | 31.4  | 1.7    | 41.7  |       |
| 105     | 25.0  | 3.0    | 43.0  |       |
| 51      | 26.2  | 9.9    | 49.9  |       |





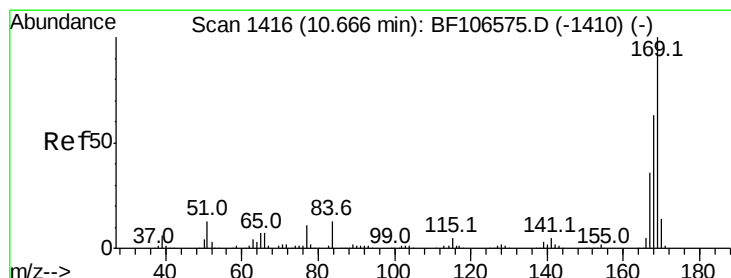
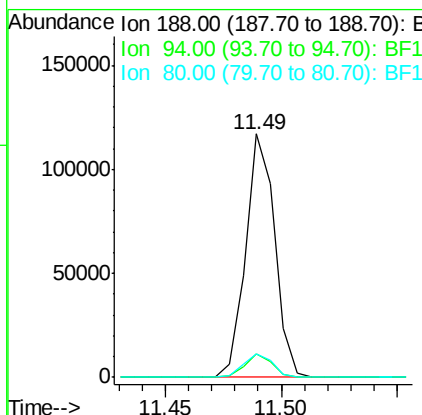
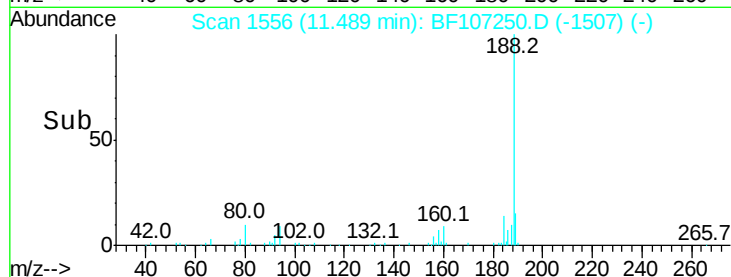
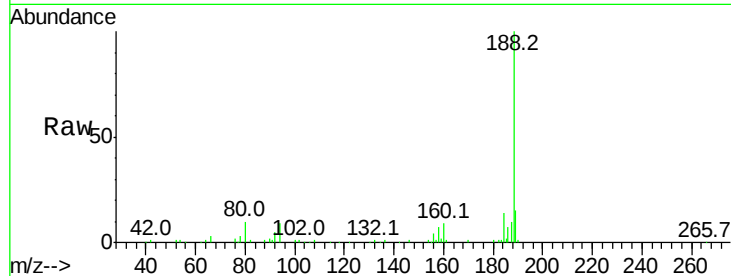
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.49 min Scan# 1556  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 9.4   | 8.5        | 12.7  |
| 80      | 9.6   | 9.2        | 13.8  |

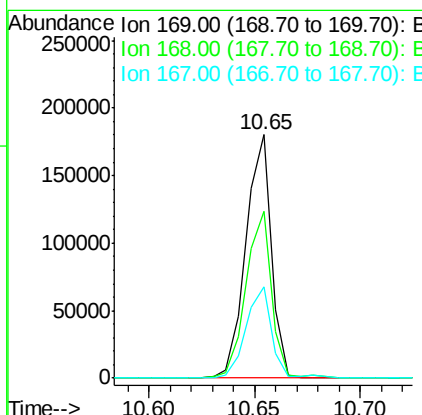
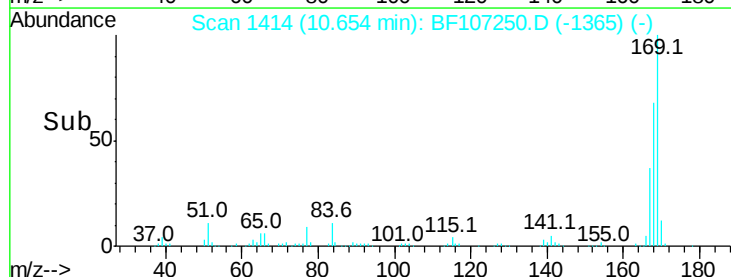
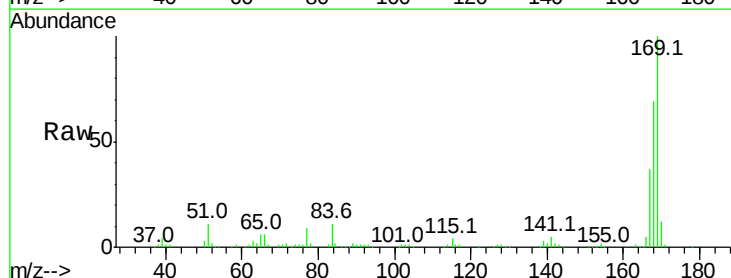
Manual Integrations  
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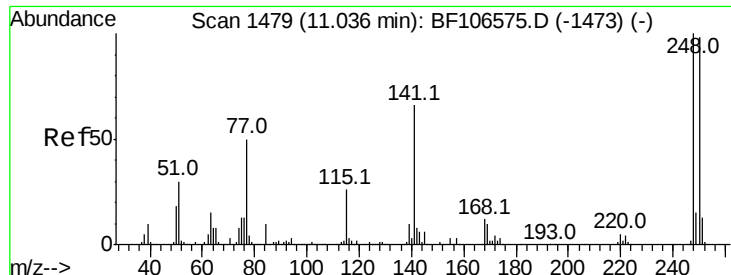
Sohil  
7/10/2018 2:47:15 PM



#65  
n-Nitrosodiphenylamine  
Concen: 43.505 ng  
RT: 10.65 min Scan# 1414  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 169     | 100   |            |       |
| 168     | 68.5  | 54.4       | 81.6  |
| 167     | 37.4  | 29.8       | 44.6  |





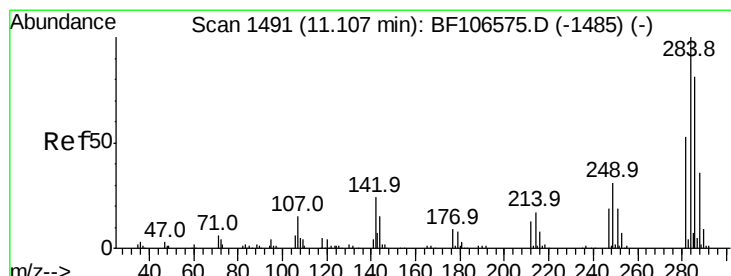
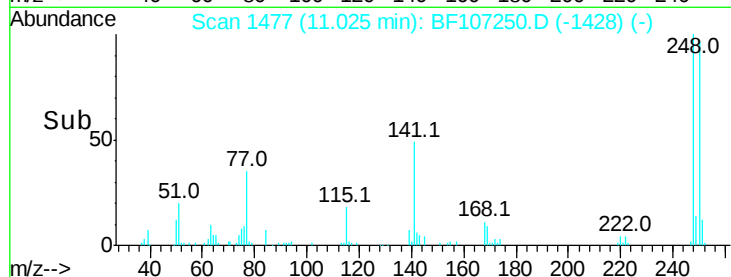
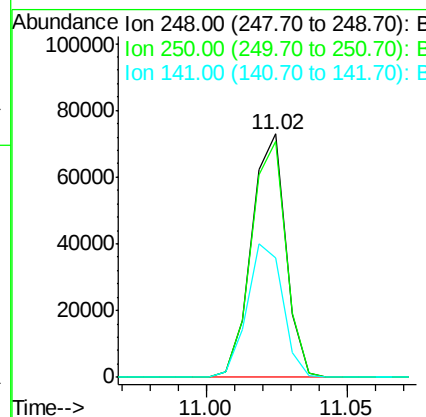
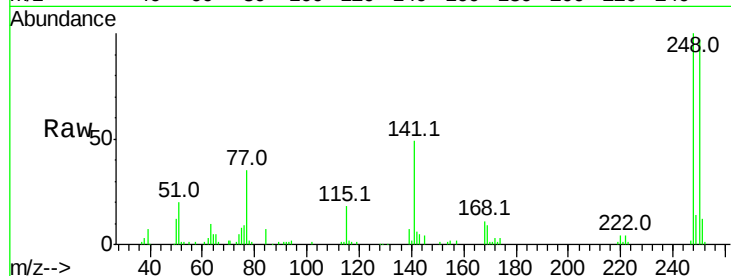
#66  
4-Bromophenyl-phenylether  
Concen: 50.127 ng  
RT: 11.02 min Scan# 1477  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampled :  
PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.7  | 76.9  | 115.3 |
| 141     | 49.2  | 74.4  | 111.6 |

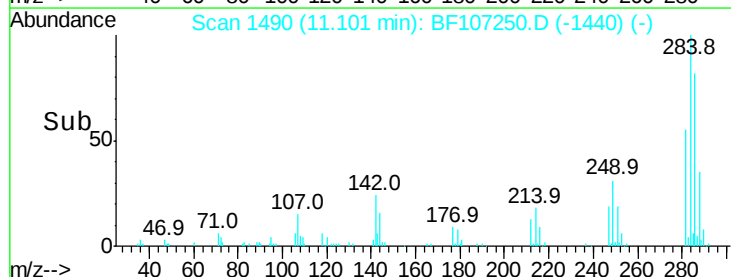
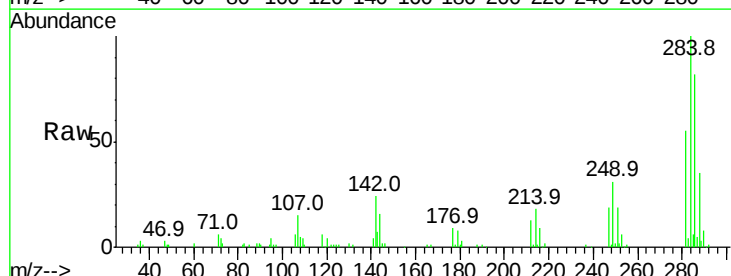
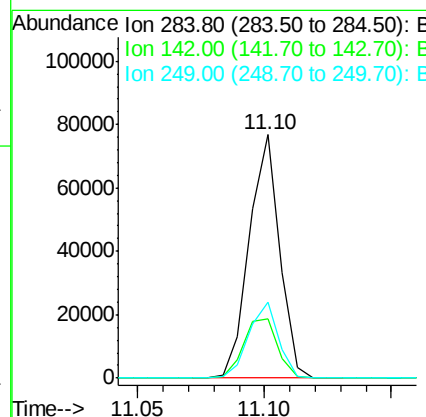
Manual Integrations  
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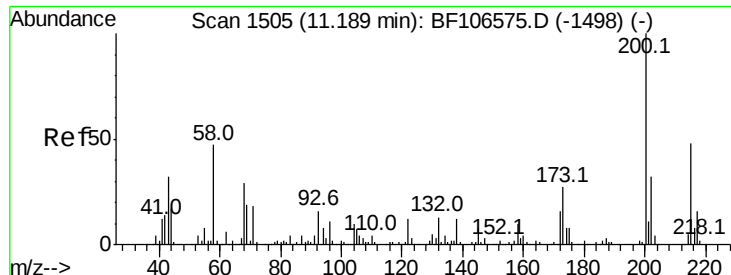
Sohil  
7/10/2018 2:47:15 PM



#67  
Hexachlorobenzene  
Concen: 49.704 ng  
RT: 11.10 min Scan# 1490  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 24.3  | 34.6  | 52.0  |
| 249     | 31.2  | 24.8  | 37.2  |





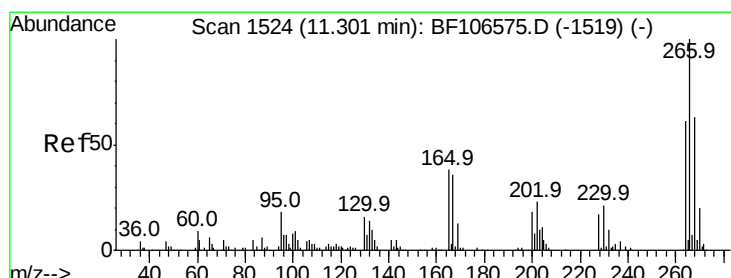
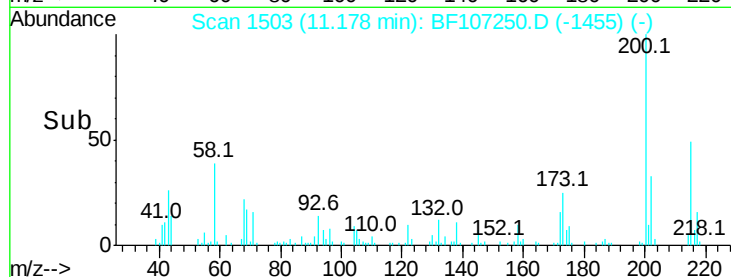
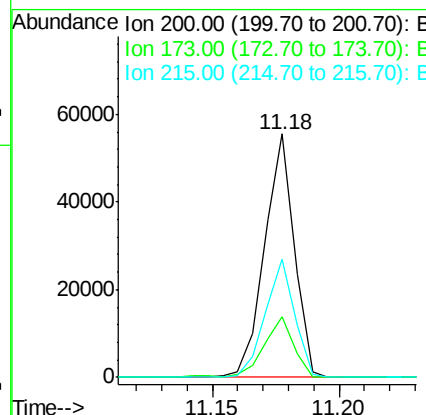
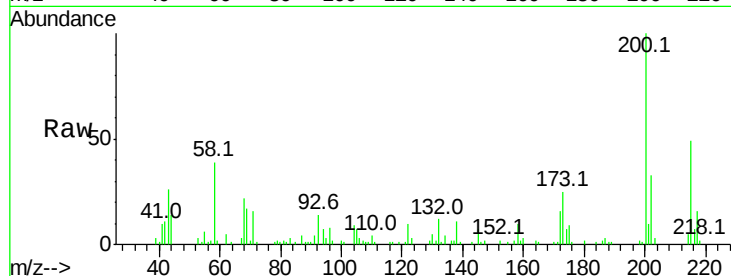
#68  
Atrazine  
Concen: 41.025 ng  
RT: 11.18 min Scan# 1503  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.9  | 8.6   | 48.6  |
| 215     | 48.8  | 25.1  | 65.1  |

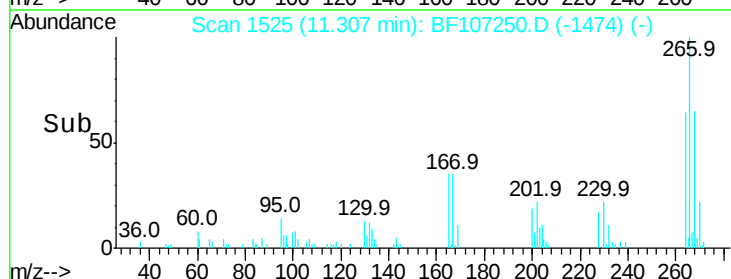
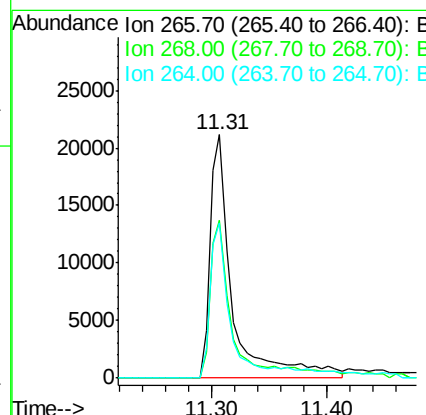
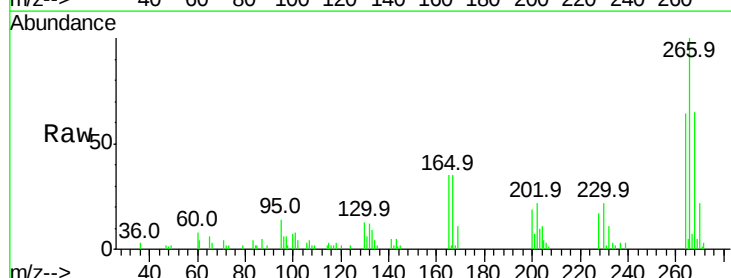
Manual Integrations  
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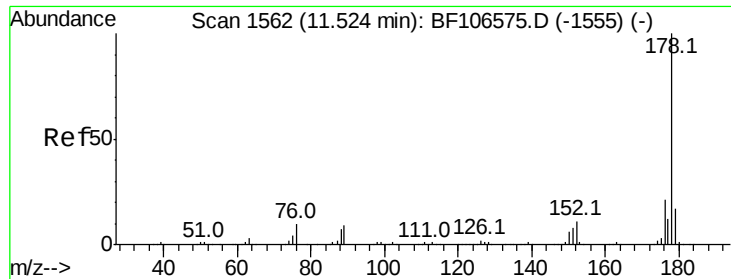
Sohil  
7/10/2018 2:47:15 PM



#69  
Pentachlorophenol  
Concen: 44.489 ng  
RT: 11.31 min Scan# 1525  
Delta R.T. 0.00 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.1  | 51.1  | 76.7  |
| 264     | 63.8  | 49.5  | 74.3  |





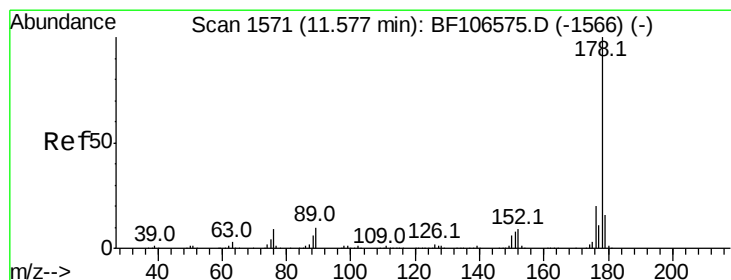
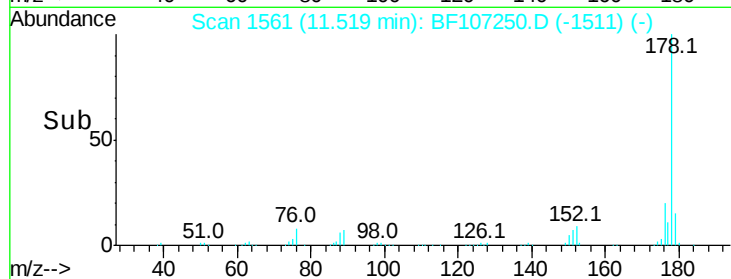
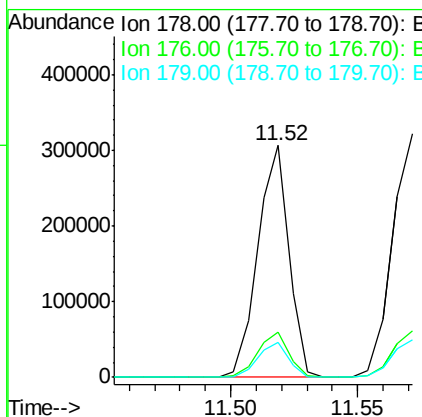
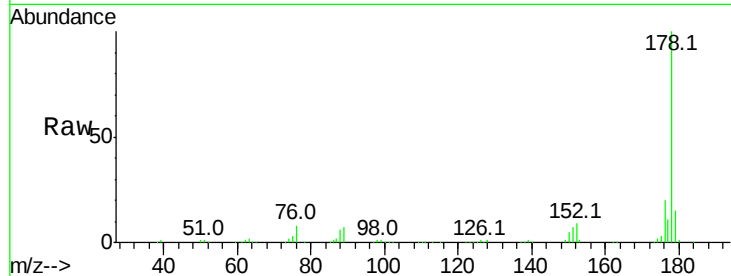
#70  
Phenanthrene  
Concen: 52.972 ng  
RT: 11.52 min Scan# 1561  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.8  | 23.8  |
| 179     | 15.3  | 13.0  | 19.6  |

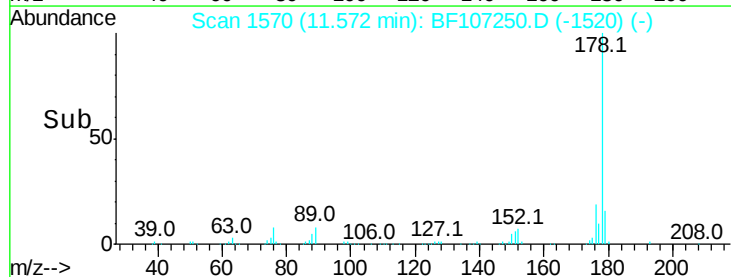
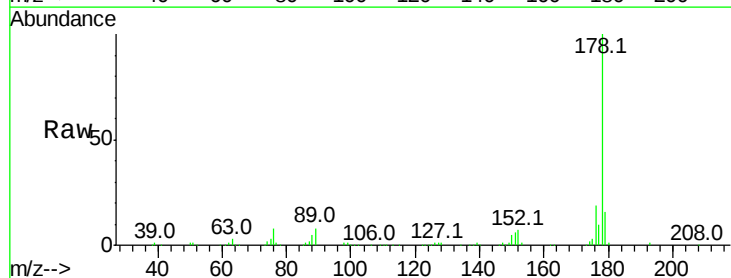
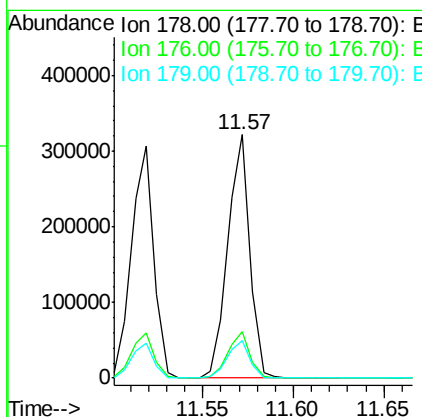
Manual Integrations  
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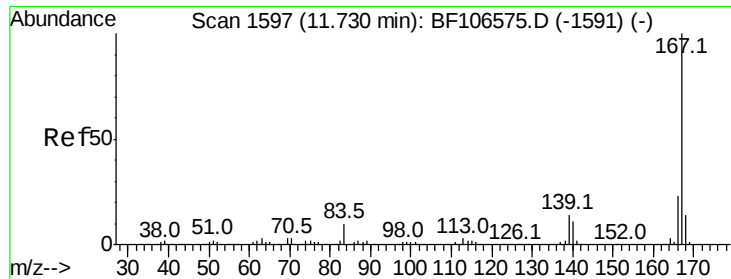
Sohil  
7/10/2018 2:47:15 PM



#71  
Anthracene  
Concen: 53.802 ng  
RT: 11.57 min Scan# 1570  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.4  | 23.2  |
| 179     | 15.6  | 12.6  | 19.0  |





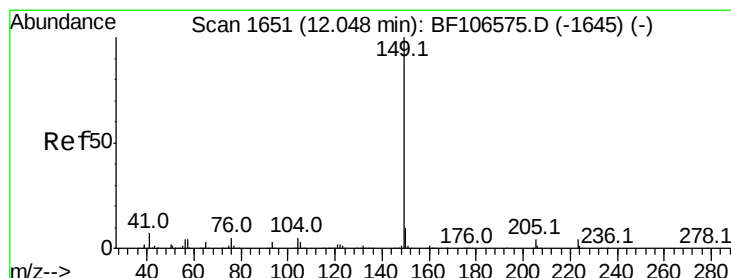
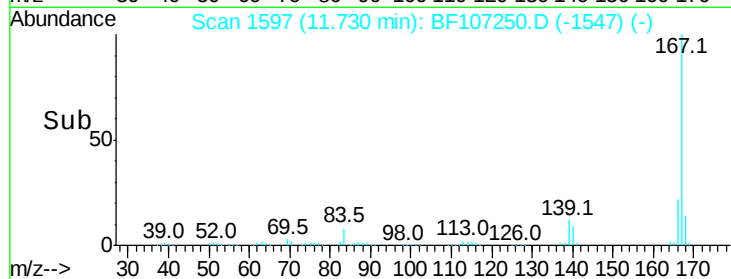
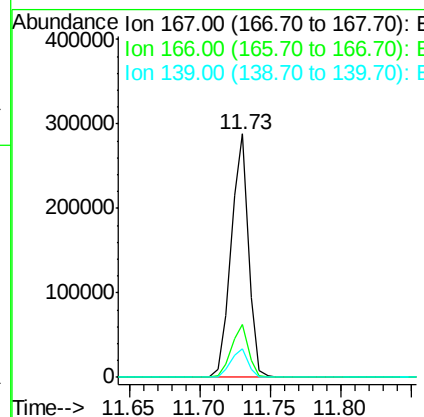
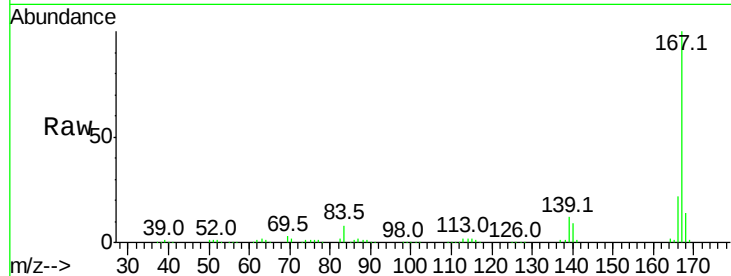
#72  
 Carbazole  
 Concen: 51.577 ng  
 RT: 11.73 min Scan# 1597  
 Delta R.T. -0.01 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110915BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 167     | 100   |            |       |
| 166     | 21.7  | 17.6       | 26.4  |
| 139     | 11.8  | 10.9       | 16.3  |

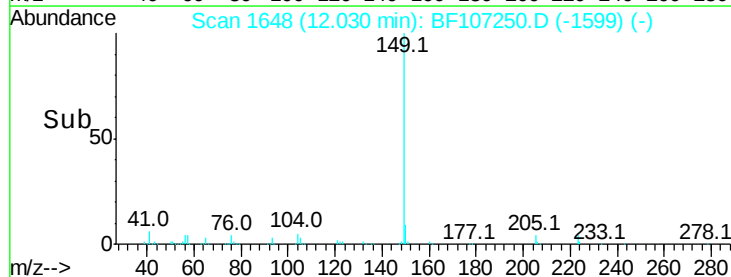
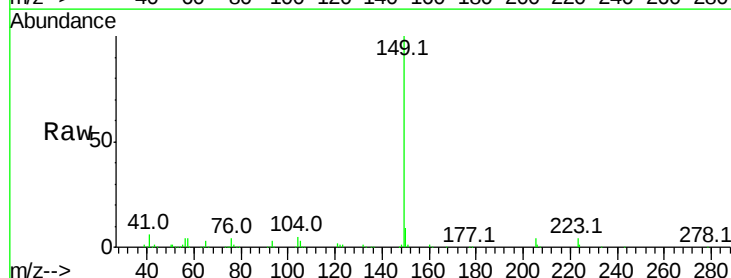
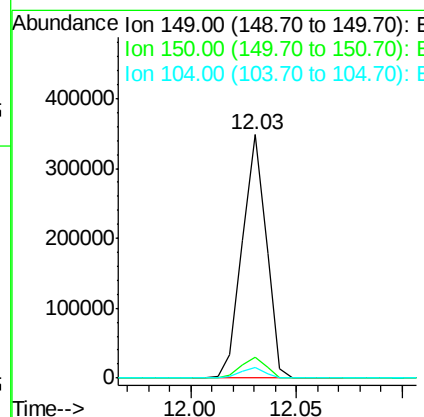
Manual Integrations  
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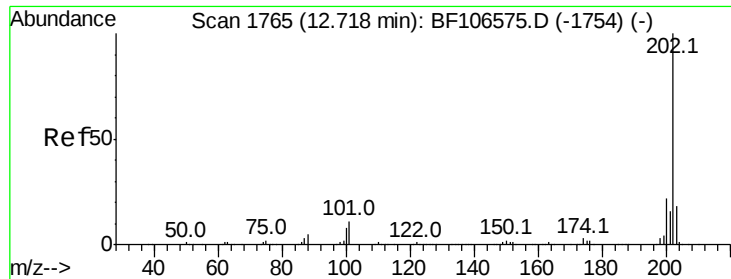
Sohil  
 7/10/2018 2:47:15 PM



#73  
 Di-n-butylphthalate  
 Concen: 48.981 ng  
 RT: 12.03 min Scan# 1648  
 Delta R.T. -0.01 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 150     | 8.8   | 7.8        | 11.6  |
| 104     | 4.5   | 3.8        | 5.8   |





#74

Fluoranthene

Concen: 54.317 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

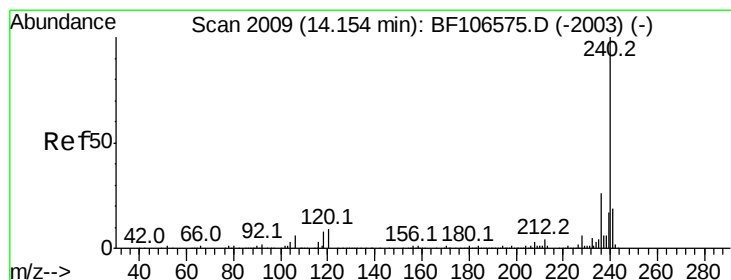
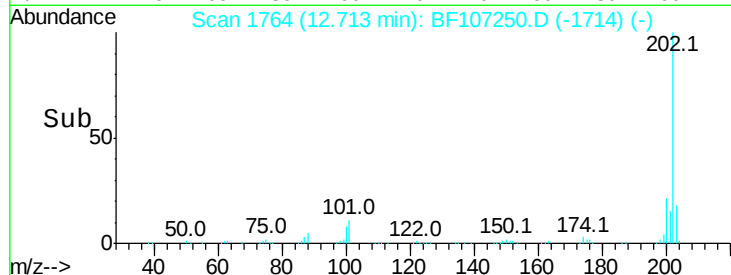
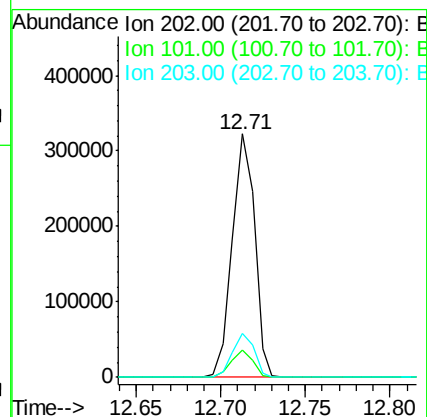
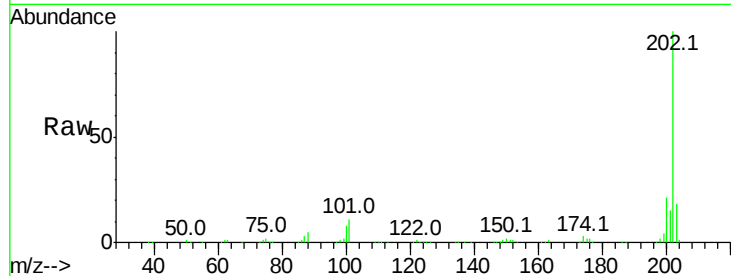
ClientSampleId :

PB110915BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 11.2  | 0.0        | 34.1  |
| 203     | 17.9  | 0.0        | 38.1  |

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7/10/2018 2:47:15 PM



#75

Chrysene-d12

Concen: 20.000 ng

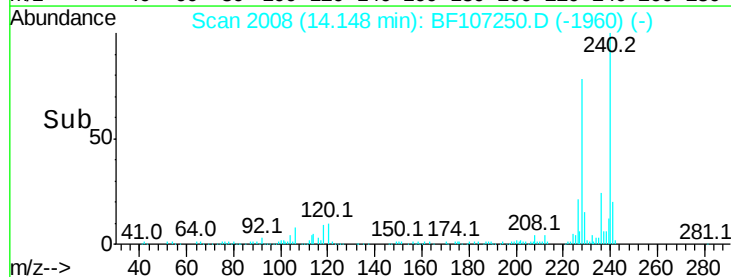
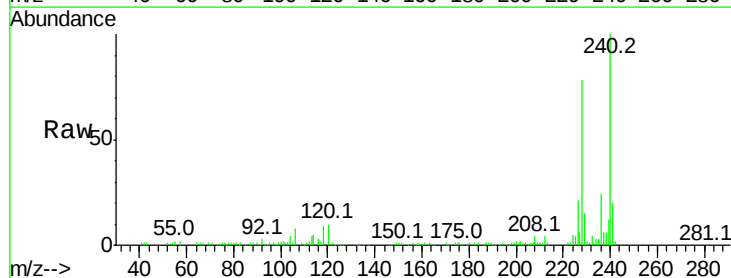
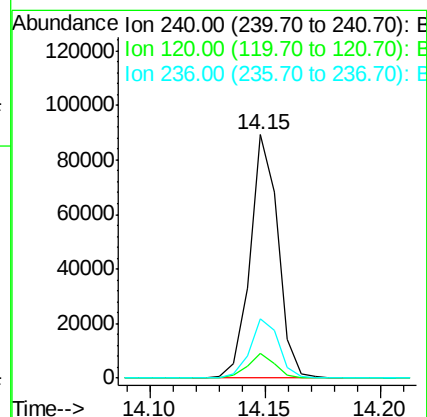
RT: 14.15 min Scan# 2008

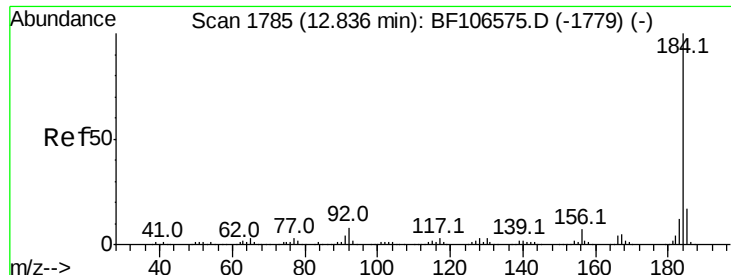
Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 10.2  | 9.5        | 14.3  |
| 236     | 24.5  | 20.7       | 31.1  |





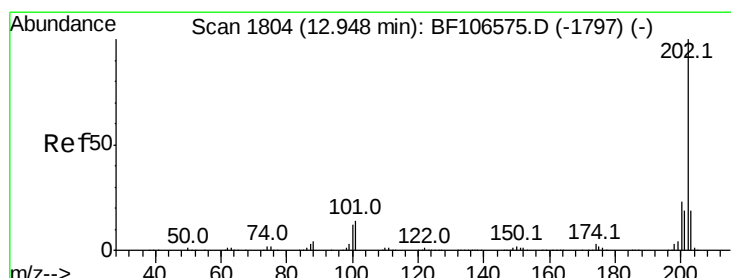
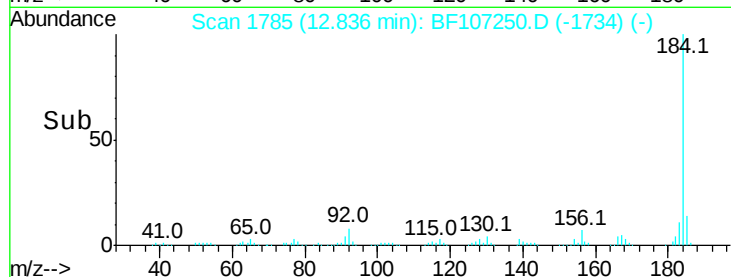
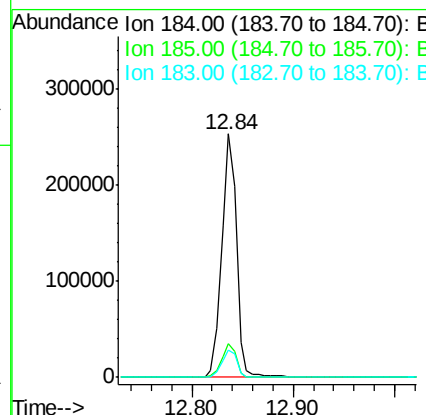
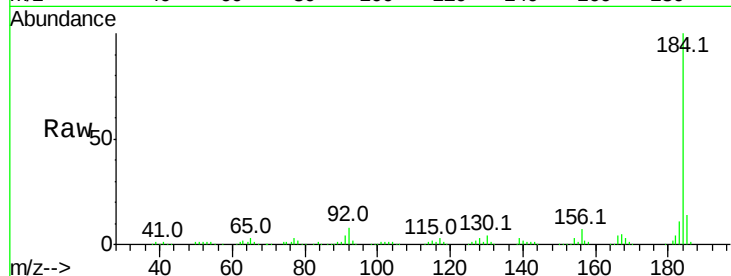
#76  
Benzidine  
Concen: 120.510 ng  
RT: 12.84 min Scan# 1785  
Delta R.T. 0.00 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.8  | 12.6  | 18.8  |
| 183     | 11.3  | 9.3   | 13.9  |

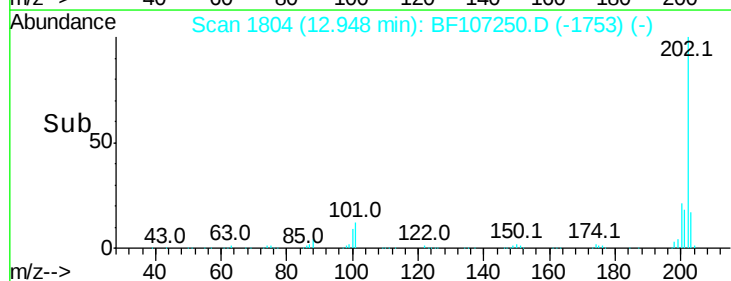
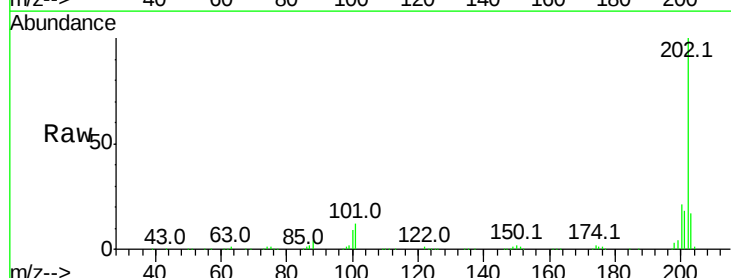
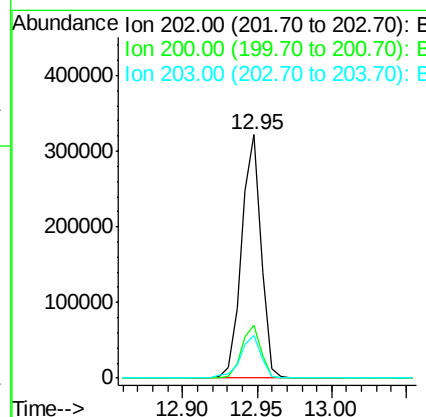
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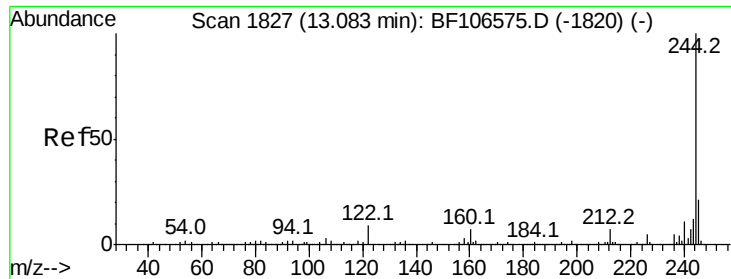
Sohil  
7/10/2018 2:47:15 PM



#77  
Pyrene  
Concen: 59.464 ng  
RT: 12.95 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.5  | 17.4  | 26.2  |
| 203     | 17.4  | 14.3  | 21.5  |





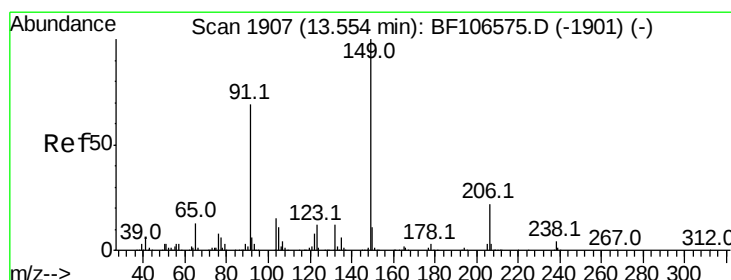
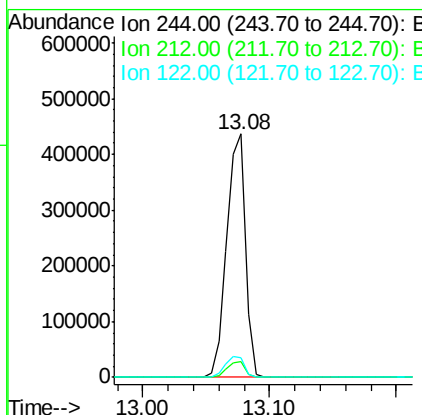
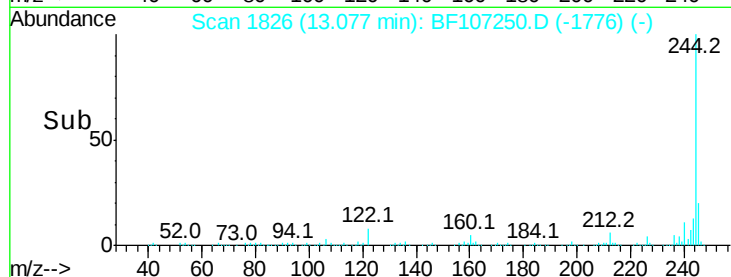
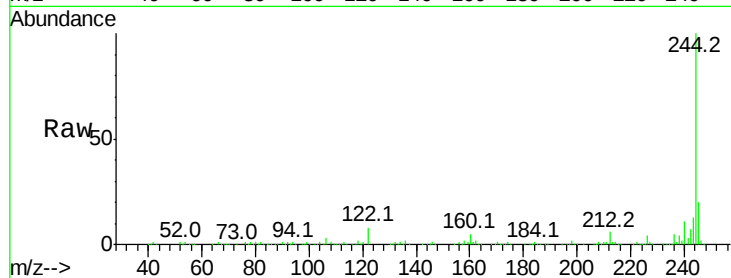
#78  
 Terphenyl-d14  
 Concen: 143.140 ng  
 RT: 13.08 min Scan# 1826  
 Delta R.T. -0.01 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.4   | 5.4   | 8.0   |
| 122     | 7.9   | 11.0  | 16.4# |

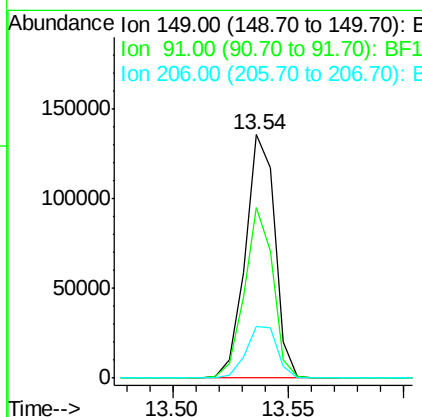
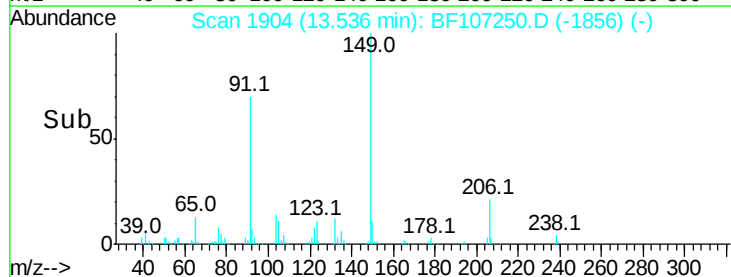
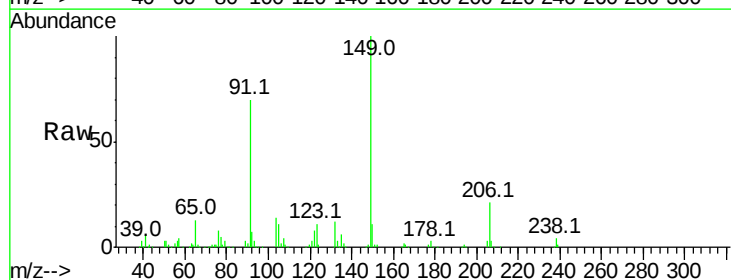
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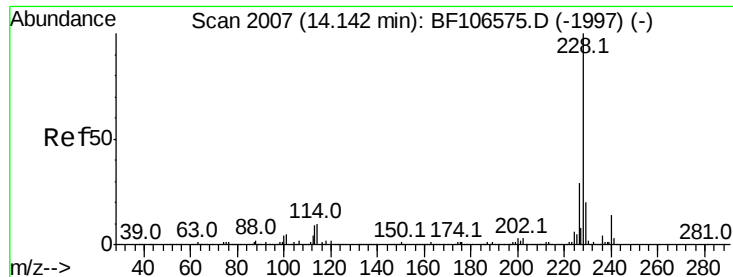
Sohil  
 7/10/2018 2:47:15 PM



#79  
 Butylbenzylphthalate  
 Concen: 59.642 ng  
 RT: 13.54 min Scan# 1904  
 Delta R.T. -0.02 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.9  | 56.8  | 85.2  |
| 206     | 21.3  | 14.1  | 21.1# |





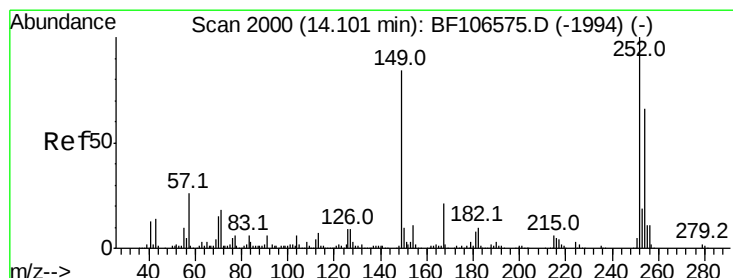
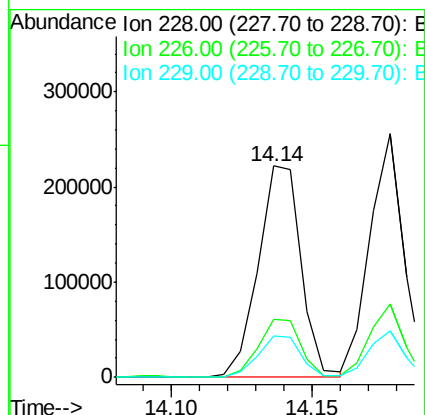
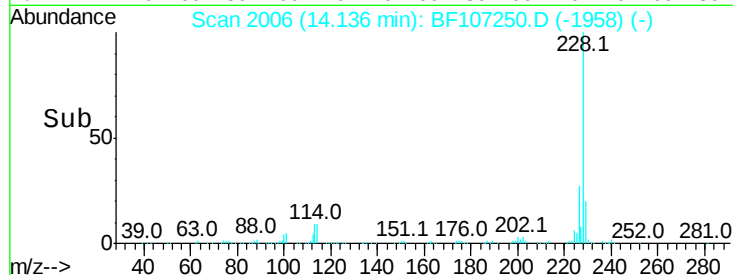
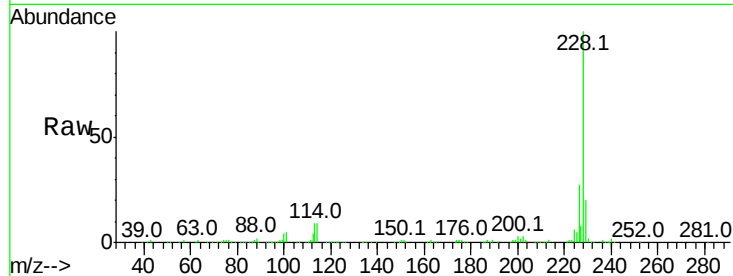
#80  
Benzo(a)anthracene  
Concen: 51.073 ng  
RT: 14.14 min Scan# 2006  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 233850 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.5  | 22.6  | 33.8   |
| 229       | 19.5  | 15.8  | 23.6   |

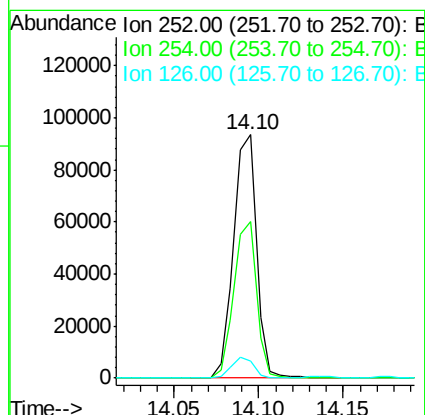
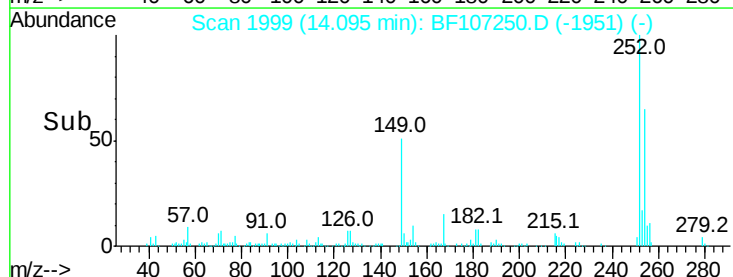
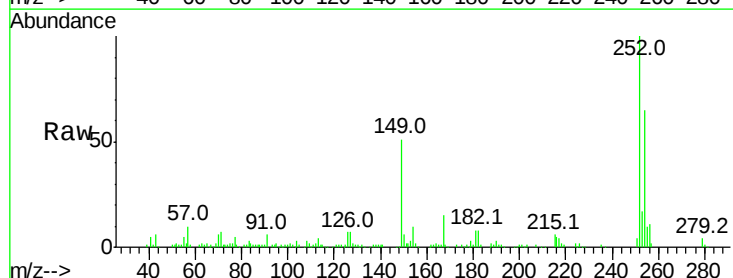
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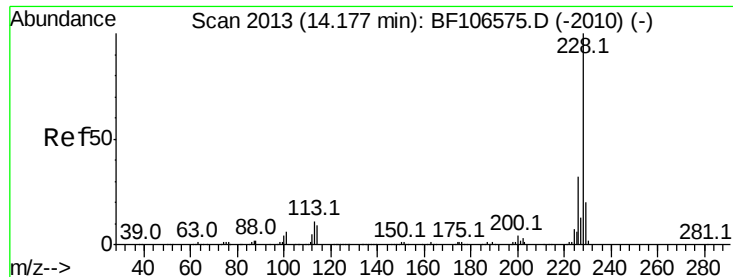
Sohil  
7/10/2018 2:47:15 PM



#81  
3,3'-Dichlorobenzidine  
Concen: 54.952 ng  
RT: 14.10 min Scan# 1999  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 88432 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 64.6  | 50.4  | 75.6  |
| 126       | 7.1   | 11.3  | 16.9# |





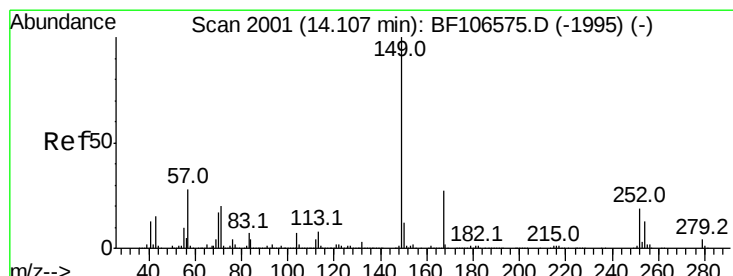
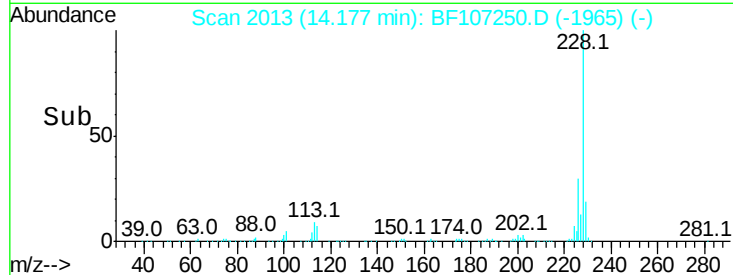
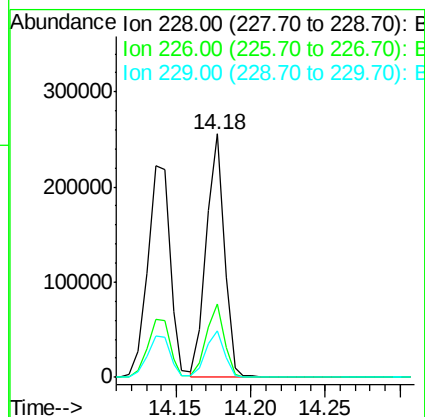
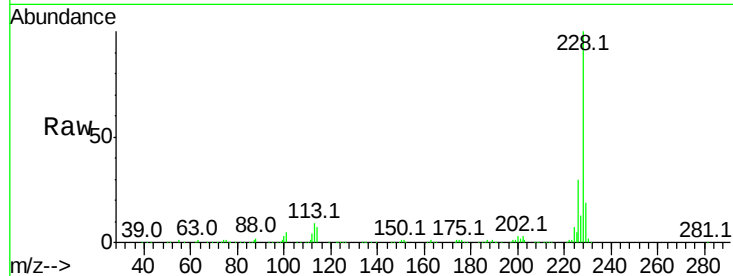
#82  
Chrysene  
Concen: 50.345 ng  
RT: 14.18 min Scan# 2013  
Delta R.T. -0.02 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 212076 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.2  | 25.0  | 37.6   |
| 229       | 19.0  | 16.2  | 24.4   |

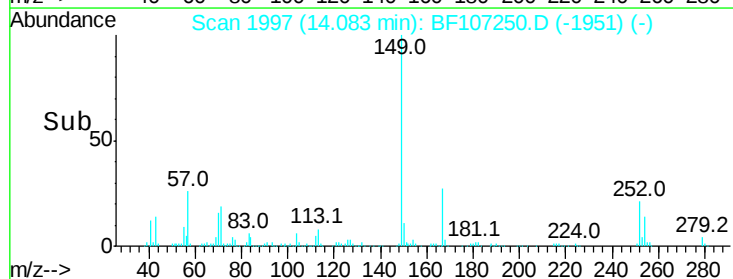
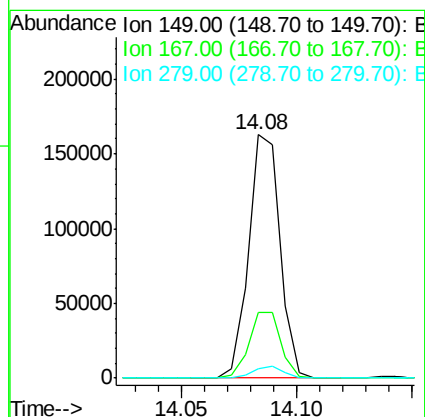
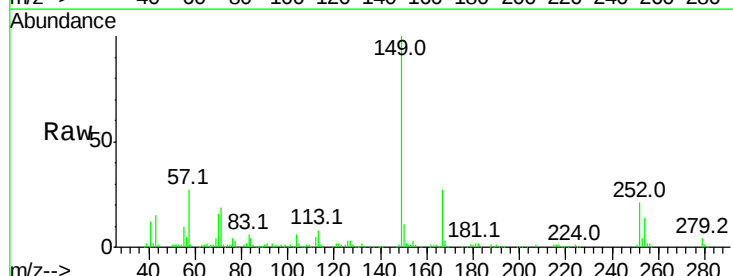
Manual Integrations  
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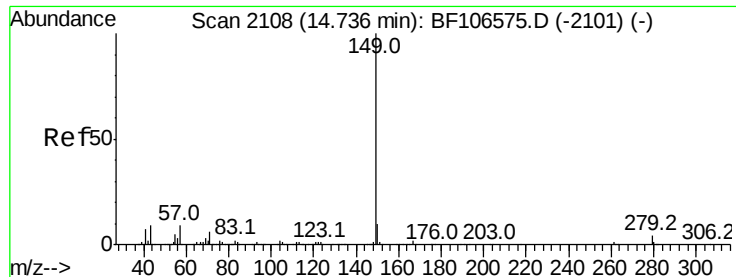
Sohil  
7/10/2018 2:47:15 PM



#83  
Bis(2-ethylhexyl)phthalate  
Concen: 59.609 ng  
RT: 14.08 min Scan# 1997  
Delta R.T. -0.03 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 155226 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.8  | 21.3  | 31.9   |
| 279       | 3.9   | 3.0   | 4.4    |





#84

Di-n-octyl phthalate

Concen: 57.341 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.06 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA\_F

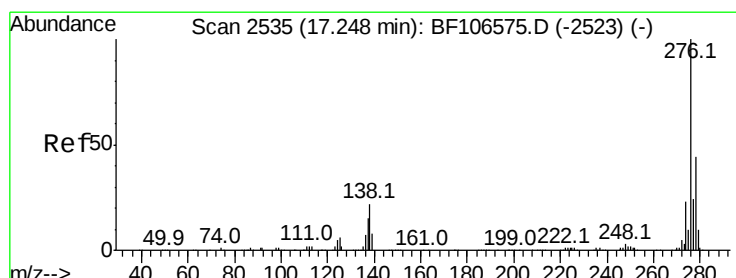
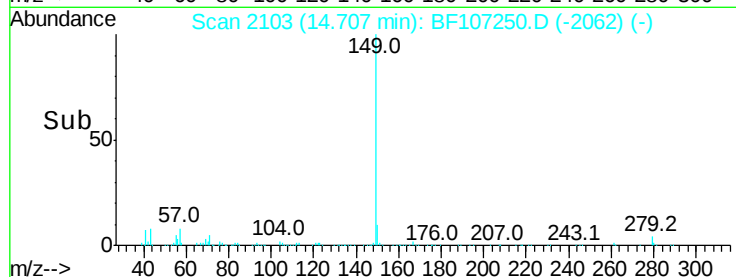
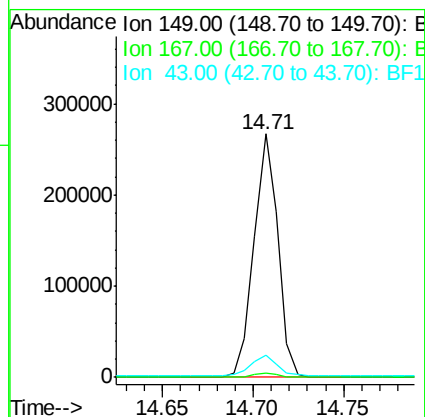
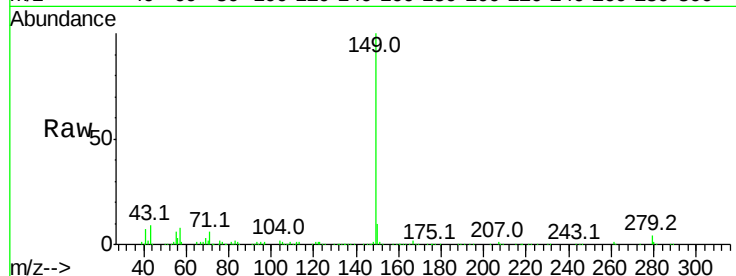
ClientSampleId :

PB110915BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 243398 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.9   | 1.2   | 1.8#   |
| 43        | 8.9   | 8.4   | 12.6   |

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Sohil  
7/10/2018 2:47:15 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 51.555 ng

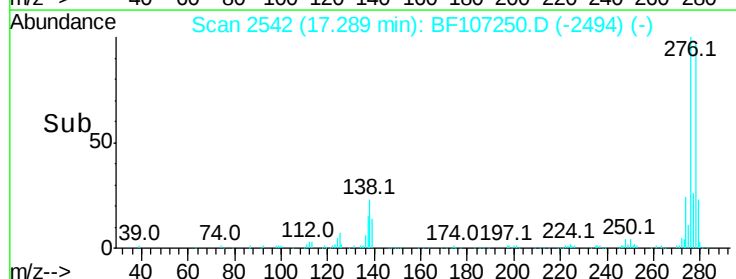
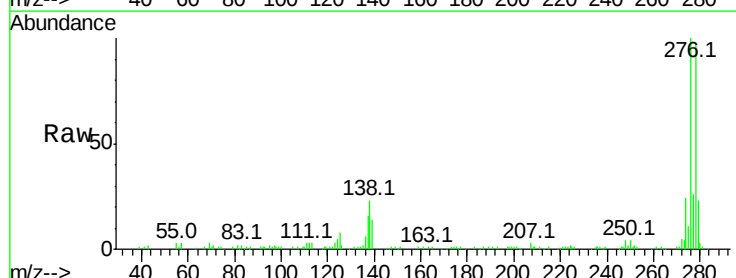
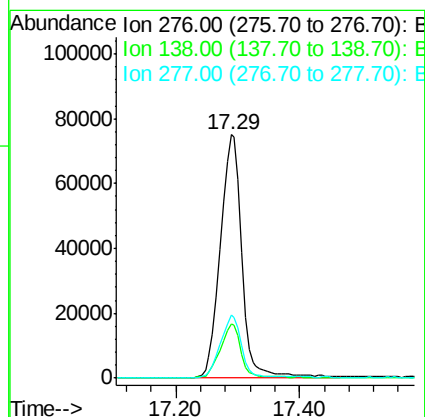
RT: 17.29 min Scan# 2542

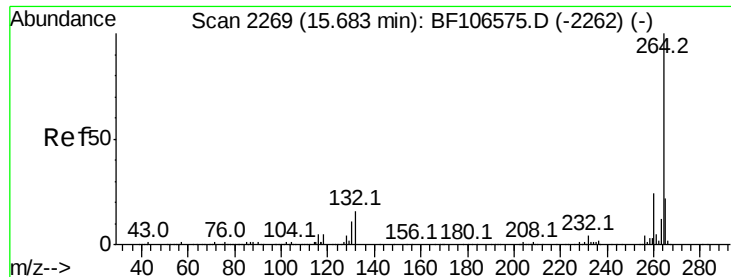
Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 184297 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 21.6  | 25.0  | 37.6#  |
| 277       | 25.9  | 20.1  | 30.1   |





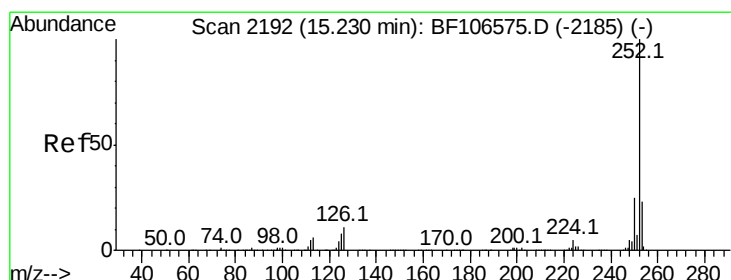
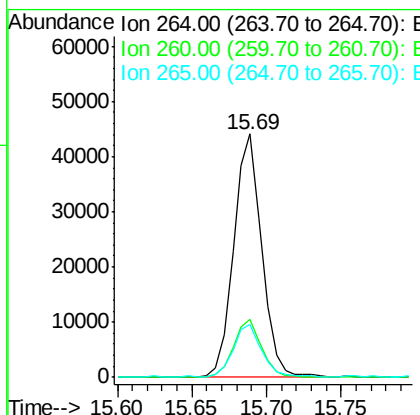
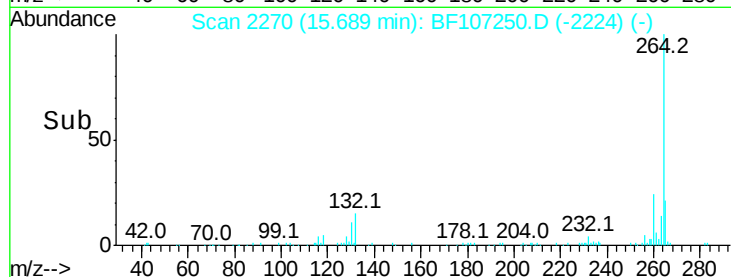
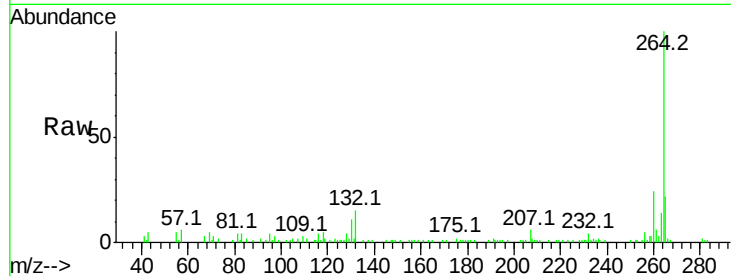
#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.69 min Scan# 2270  
 Delta R.T. -0.03 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 19.2  | 28.8  |
| 265     | 21.9  | 17.5  | 26.3  |

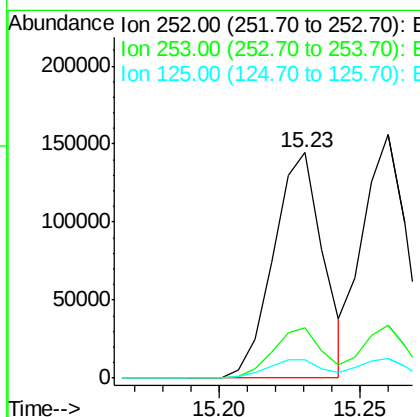
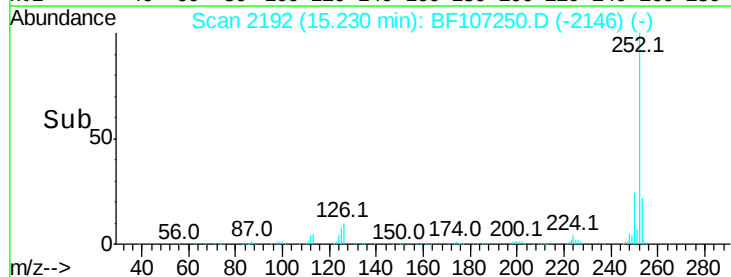
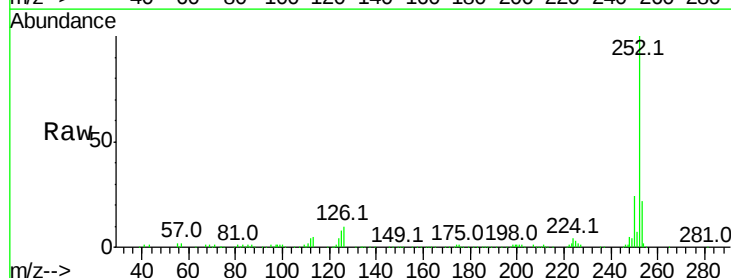
Manual Integrations  
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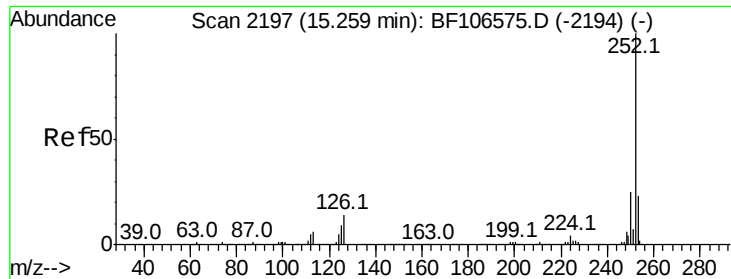
Sohil  
 7/10/2018 2:47:15 PM



#87  
 Benzo(b)fluoranthene  
 Concen: 49.092 ng  
 RT: 15.23 min Scan# 2192  
 Delta R.T. -0.03 min  
 Lab File: BF107250.D  
 Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.0  | 25.6  |
| 125     | 8.0   | 9.0   | 13.6# |





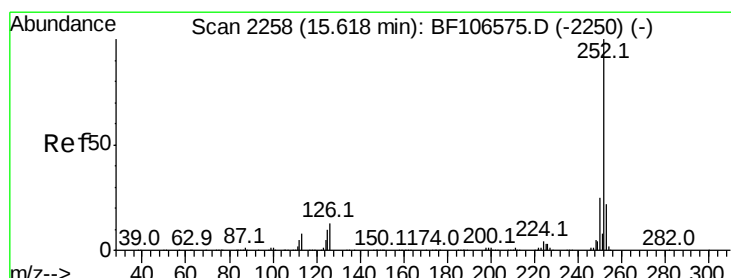
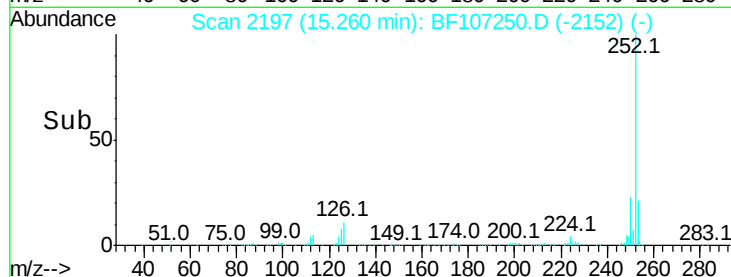
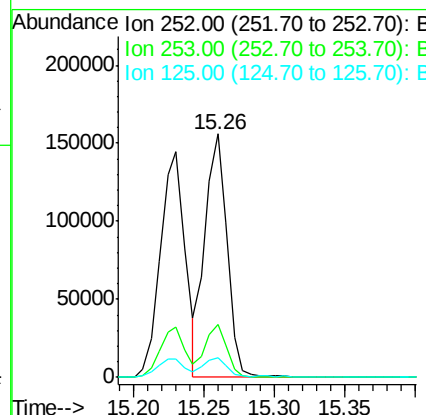
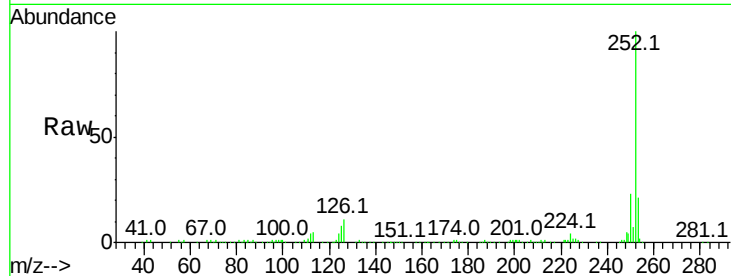
#88  
Benzo(k)fluoranthene  
Concen: 49.595 ng  
RT: 15.26 min Scan# 2197  
Delta R.T. -0.04 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 169624 |       |       |
| 253     | 21.5  | 17.9   | 26.9  |       |
| 125     | 8.2   | 10.2   | 15.2  |       |

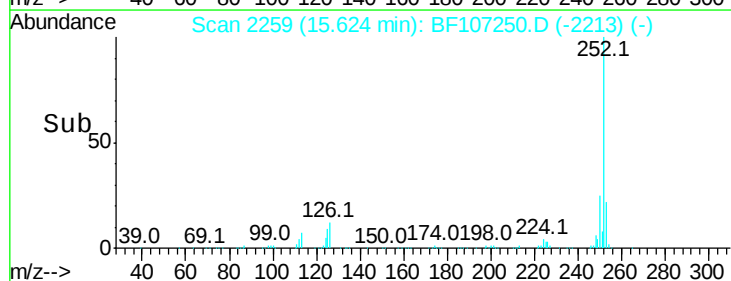
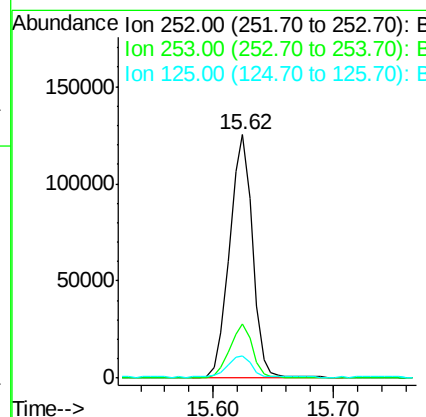
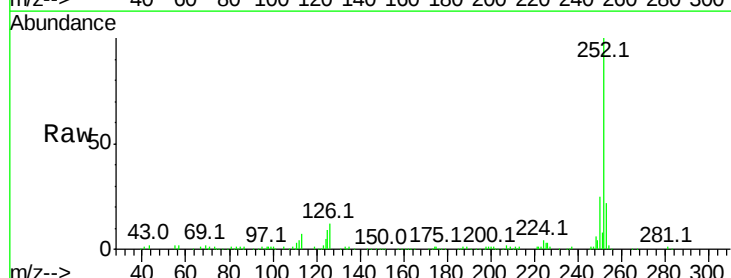
Manual Integrations  
APPROVED

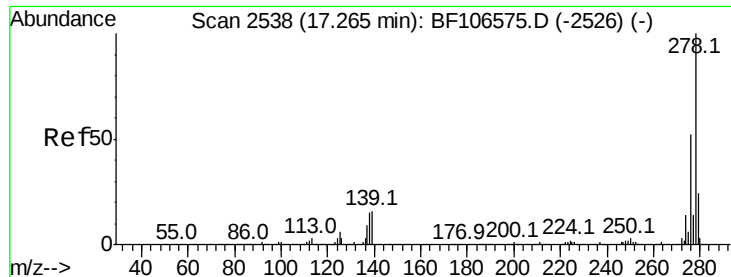
Sohil  
7/10/2018 2:47:15 PM



#89  
Benzo(a)pyrene  
Concen: 52.006 ng  
RT: 15.62 min Scan# 2259  
Delta R.T. -0.03 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 166044 |       |       |
| 253     | 22.3  | 17.1   | 25.7  |       |
| 125     | 9.0   | 9.8    | 14.6  |       |





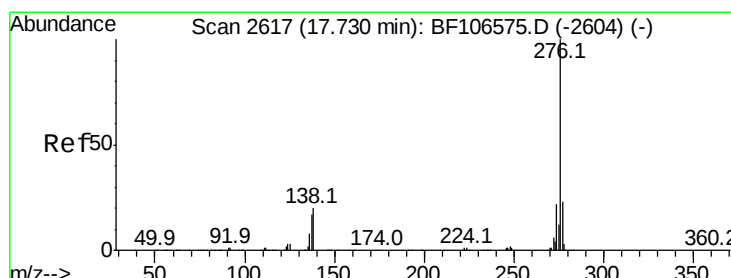
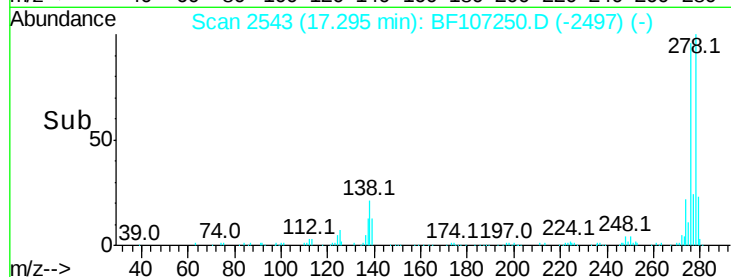
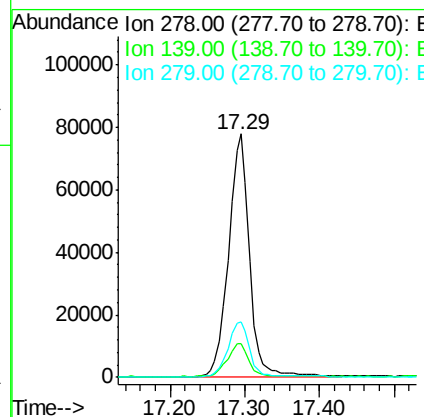
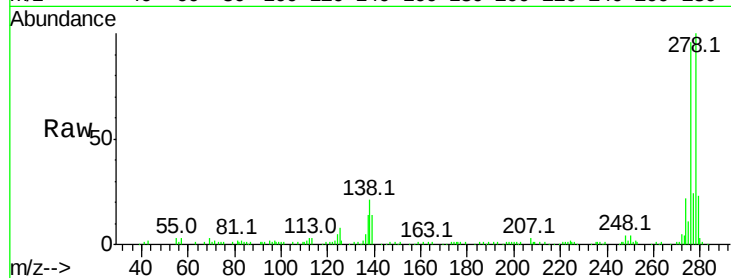
#90  
Dibenzo(a,h)anthracene  
Concen: 56.925 ng  
RT: 17.29 min Scan# 2543  
Delta R.T. -0.03 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB110915BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.6  | 15.9  | 23.9# |
| 279     | 22.7  | 19.0  | 28.4  |

Manual Integrations  
APPROVED

Sohil  
7/10/2018 2:47:15 PM



#91  
Benzo(g,h,i)perylene  
Concen: 58.966 ng  
RT: 17.78 min Scan# 2625  
Delta R.T. -0.01 min  
Lab File: BF107250.D  
Acq: 10 Jul 2018 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 17.9  | 26.9  |
| 138     | 18.6  | 21.8  | 32.8# |

