

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\  
 Data File : BF107331.D  
 Acq On : 12 Jul 2018 11:51  
 Operator : JU/SJ  
 Sample : PB110986BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

Manual Integrations  
 APPROVED

Sohil  
 7/13/2018 11:17:07 AM

Quant Time: Jul 12 15:36:12 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 11 16:39:37 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.93  | 152  | 60401    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.21  | 136  | 229819   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.98  | 164  | 116995   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.48 | 188  | 212525   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.14 | 240  | 155285   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.68 | 264  | 180982   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.58  | 112 | 430107 | 120.58 | ng | 0.02 |
| 7) Phenol-d6             | 6.59  | 99  | 527126 | 118.34 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.50  | 82  | 349621 | 84.54  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.78 | 330 | 166274 | 122.62 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.30  | 172 | 637725 | 93.79  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.07 | 244 | 626603 | 97.74  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.84 | 88  | 59308  | 32.341 | ng | 95     |
| 3) Pyridine                    | 3.62 | 79  | 178307 | 35.851 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.58 | 42  | 72933  | 34.527 | ng | 83     |
| 6) Aniline                     | 6.60 | 93  | 126009 | 20.854 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.73 | 128 | 159227 | 40.698 | ng | 97     |
| 9) Benzaldehyde                | 6.49 | 77  | 97673  | 30.145 | ng | 97     |
| 10) Phenol                     | 6.60 | 94  | 193096 | 37.984 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 6.67 | 93  | 164962 | 39.306 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.87 | 146 | 188766 | 41.195 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.95 | 146 | 190998 | 41.229 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.10 | 146 | 173089 | 40.768 | ng | 97     |
| 15) Benzyl Alcohol             | 7.08 | 79  | 127503 | 35.647 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.20 | 45  | 226238 | 41.086 | ng | # 27   |
| 17) 2-Methylphenol             | 7.20 | 107 | 136631 | 40.809 | ng | # 90   |
| 18) Hexachloroethane           | 7.44 | 117 | 65760  | 40.365 | ng | # 86   |
| 19) n-Nitroso-di-n-propylamine | 7.34 | 70  | 115176 | 39.225 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.35 | 107 | 180272 | 52.207 | ng | 98     |
| 22) Acetophenone               | 7.34 | 105 | 226099 | 43.974 | ng | # 97   |
| 24) Nitrobenzene               | 7.52 | 77  | 173826 | 41.171 | ng | 98     |
| 25) Isophorone                 | 7.75 | 82  | 320759 | 44.017 | ng | 97     |
| 26) 2-Nitrophenol              | 7.84 | 139 | 92846  | 46.583 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 149000 | 48.366 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93  | 205975 | 42.098 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 8.09 | 162 | 148616 | 46.079 | ng | 91     |
| 30) 1,2,4-Trichlorobenzene     | 8.15 | 180 | 165354 | 46.539 | ng | 97     |
| 31) Naphthalene                | 8.24 | 128 | 468885 | 43.639 | ng | 99     |
| 32) Benzoic acid               | 8.03 | 122 | 78175  | 36.452 | ng | 95     |
| 33) 4-Chloroaniline            | 8.30 | 127 | 62819  | 13.934 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.34 | 225 | 108172 | 46.724 | ng | 98     |
| 35) Caprolactam                | 8.68 | 113 | 41122m | 39.114 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107 | 145044 | 42.725 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.93 | 142 | 346277 | 48.622 | ng | 94     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 180496 | 45.811 | ng | # 95   |
| 40) Hexachlorocyclopentadiene  | 9.08 | 237 | 74988  | 36.992 | ng | 99     |

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 Sample : PB110986BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

Manual Integrations  
 APPROVED

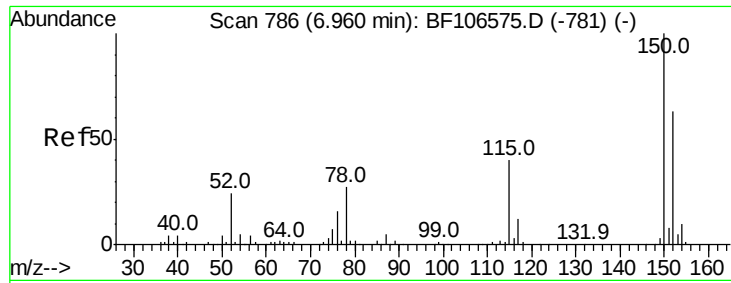
Sohil  
 7/13/2018 11:17:07 AM

Quant Time: Jul 12 15:36:12 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 11 16:39:37 2018  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.22  | 196  | 97642    | 37.282 | nq    | 93       |
| 43) 2,4,5-Trichlorophenol      | 9.28  | 196  | 92978    | 34.022 | nq #  | 87       |
| 45) 1,1'-Biphenyl              | 9.40  | 154  | 412187   | 44.207 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.42  | 162  | 301088   | 41.024 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.54  | 65   | 89236    | 36.158 | nq    | 95       |
| 48) Acenaphthylene             | 9.85  | 152  | 463595   | 40.009 | nq    | 99       |
| 49) Dimethylphthalate          | 9.70  | 163  | 328680   | 37.457 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.77  | 165  | 78127    | 42.047 | nq    | 95       |
| 51) Acenaphthene               | 10.02 | 154  | 284572   | 39.001 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.95  | 138  | 43887    | 20.526 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 10.07 | 184  | 48438    | 52.137 | nq #  | 16       |
| 54) Dibenzofuran               | 10.19 | 168  | 416451   | 41.681 | nq    | 97       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 34230    | 22.935 | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 10.19 | 165  | 93157    | 38.410 | nq #  | 93       |
| 57) Fluorene                   | 10.54 | 166  | 337305   | 42.544 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.32 | 232  | 76773    | 35.341 | nq #  | 71       |
| 59) Diethylphthalate           | 10.40 | 149  | 317457   | 37.484 | nq #  | 93       |
| 60) 4-Chlorophenyl-phenylether | 10.52 | 204  | 177936   | 42.893 | nq #  | 85       |
| 61) 4-Nitroaniline             | 10.57 | 138  | 62131    | 29.279 | nq    | 95       |
| 62) Azobenzene                 | 10.68 | 77   | 312288   | 37.445 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 48698    | 37.069 | nq #  | 71       |
| 65) n-Nitrosodiphenylamine     | 10.64 | 169  | 286468   | 40.075 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.01 | 248  | 116835   | 46.064 | nq #  | 80       |
| 67) Hexachlorobenzene          | 11.09 | 284  | 124021   | 46.718 | nq #  | 81       |
| 68) Atrazine                   | 11.17 | 200  | 93012    | 40.930 | nq    | 93       |
| 69) Pentachlorophenol          | 11.30 | 266  | 43980m   | 33.203 | nq    |          |
| 70) Phenanthrene               | 11.51 | 178  | 457786   | 44.660 | nq    | 99       |
| 71) Anthracene                 | 11.56 | 178  | 472756   | 45.185 | nq    | 100      |
| 72) Carbazole                  | 11.72 | 167  | 373624   | 38.142 | nq    | 97       |
| 73) Di-n-butylphthalate        | 12.02 | 149  | 445065   | 38.566 | nq    | 99       |
| 74) Fluoranthene               | 12.70 | 202  | 451478   | 39.960 | nq    | 95       |
| 76) Benzidine                  | 12.82 | 184  | 66766    | 15.097 | nq    | 98       |
| 77) Pyrene                     | 12.93 | 202  | 447540   | 43.705 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.53 | 149  | 162310   | 38.552 | nq #  | 92       |
| 80) Benzo(a)anthracene         | 14.13 | 228  | 409684   | 43.288 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 97948    | 29.447 | nq #  | 96       |
| 82) Chrysene                   | 14.17 | 228  | 384645   | 44.177 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 214269   | 39.808 | nq    | 97       |
| 84) Di-n-octyl phthalate       | 14.71 | 149  | 389281   | 44.369 | nq    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.29 | 276  | 535518   | 72.475 | nq #  | 90       |
| 87) Benzo(b)fluoranthene       | 15.22 | 252  | 449692   | 39.999 | nq #  | 96       |
| 88) Benzo(k)fluoranthene       | 15.25 | 252  | 416997   | 38.949 | nq #  | 96       |
| 89) Benzo(a)pyrene             | 15.62 | 252  | 438444   | 43.869 | nq #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.29 | 278  | 443336   | 52.341 | nq #  | 94       |
| 91) Benzo(g,h,i)perylene       | 17.77 | 276  | 464825   | 56.146 | nq #  | 90       |

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





#1

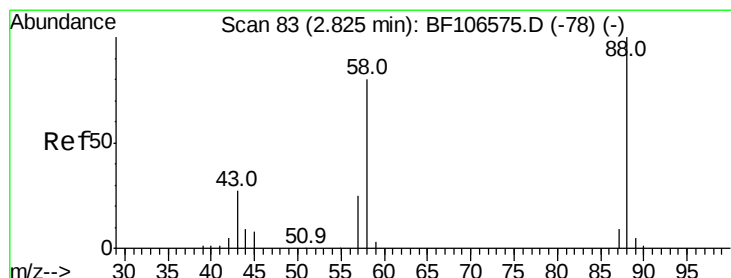
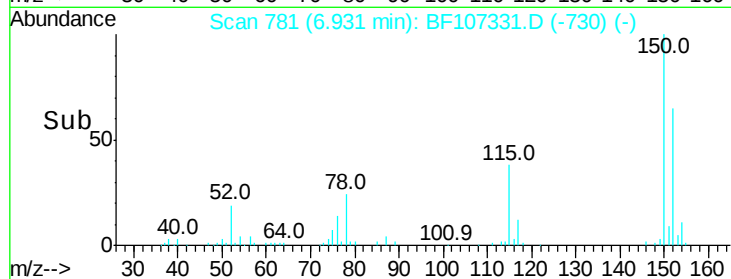
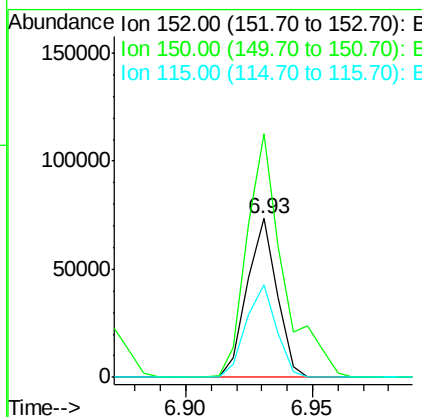
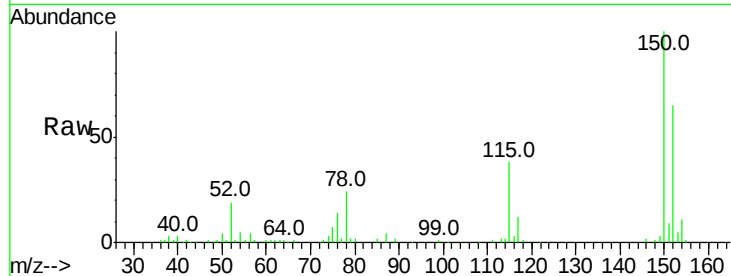
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.93 min Scan# 781  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.1 | 124.6 | 186.8 |
| 115     | 57.9  | 50.1  | 75.1  |

Manual Integrations  
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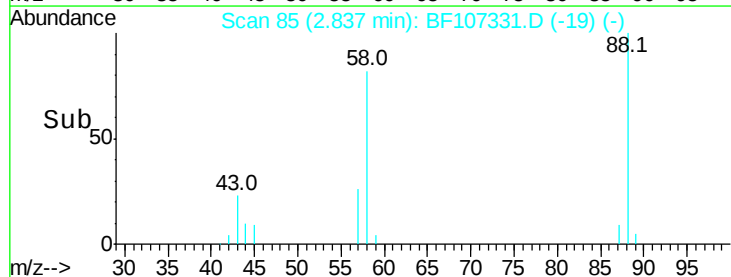
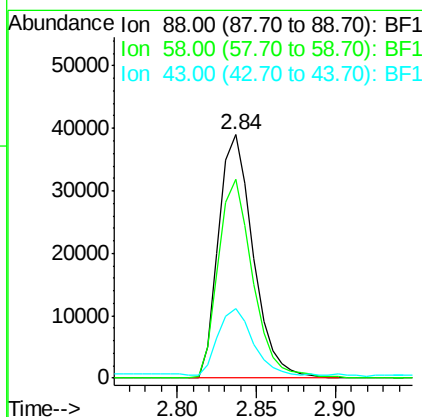
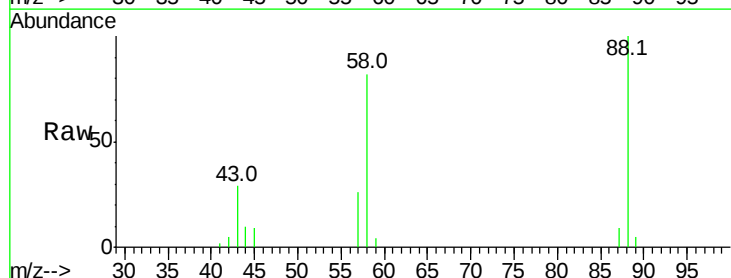
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7/13/2018 11:17:07 AM

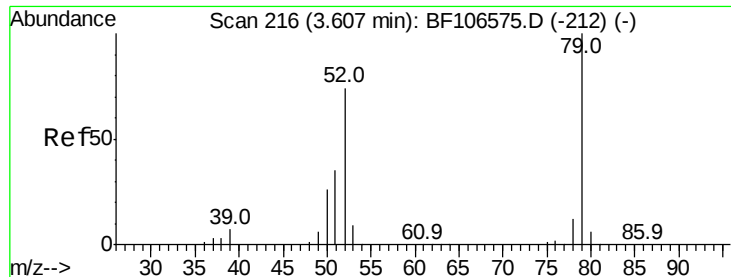


#2

1,4-Dioxane  
Concen: 32.341 ng  
RT: 2.84 min Scan# 85  
Delta R.T. 0.09 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.7  | 62.6  | 93.8  |
| 43      | 27.5  | 24.6  | 37.0  |





#3

Pvridine

Concen: 35.851 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

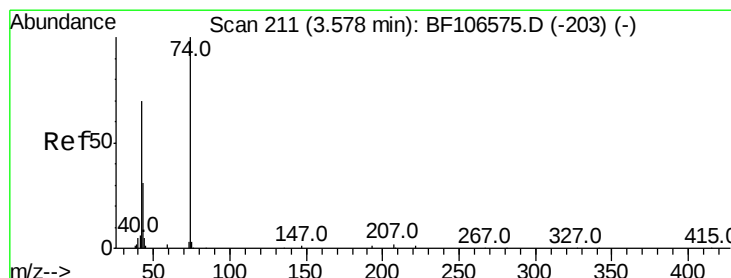
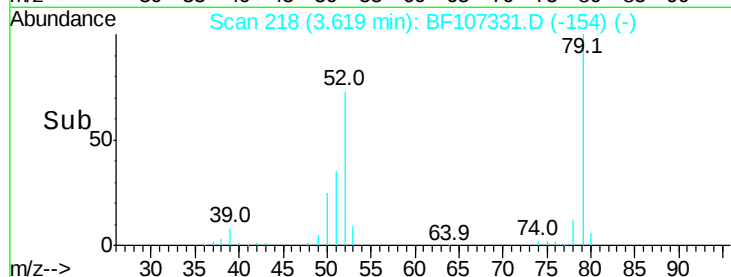
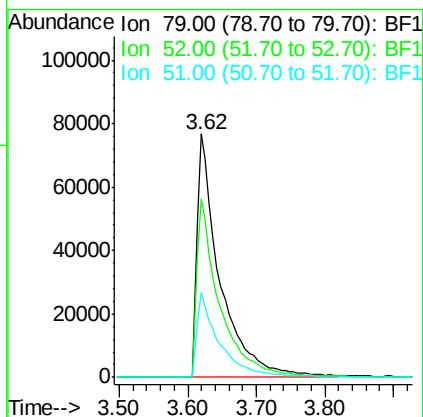
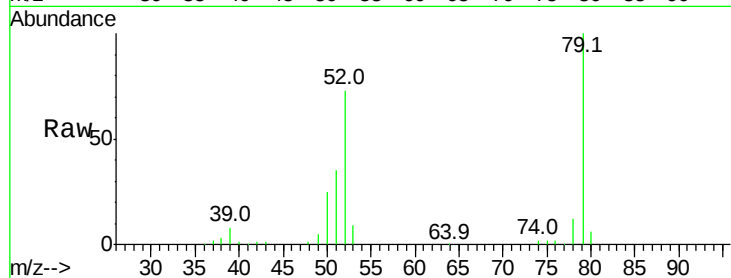
ClientSampled :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 178307 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 73.1  | 59.8  | 89.6   |
| 51        | 34.6  | 29.8  | 44.8   |

Manual Integrations  
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7/13/2018 11:17:07 AM



#4

n-Nitrosodimethylamine

Concen: 34.527 ng

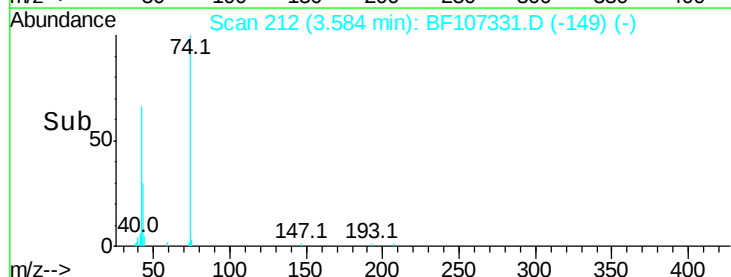
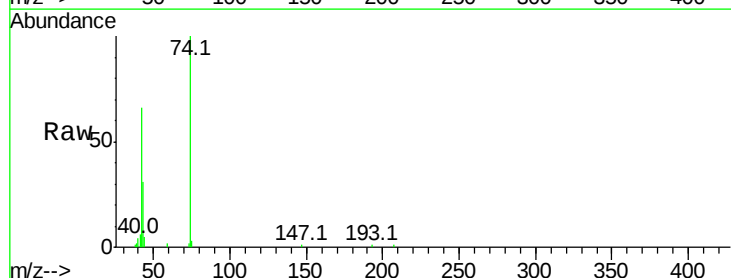
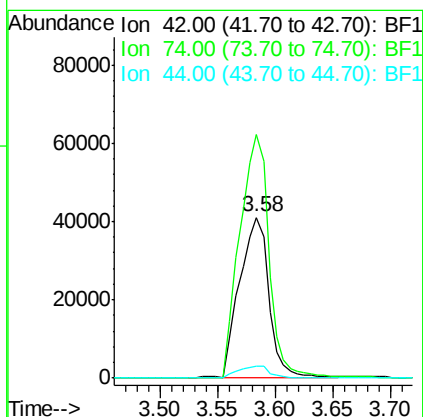
RT: 3.58 min Scan# 212

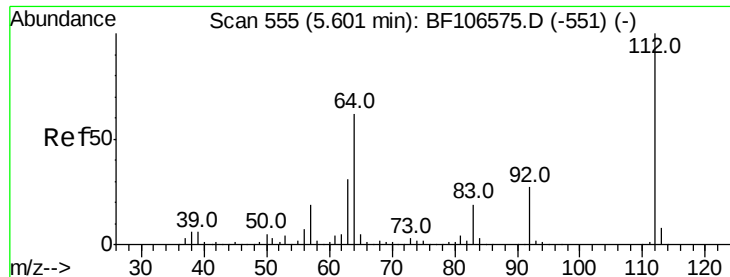
Delta R.T. 0.07 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 72933 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 151.8 | 104.9 | 157.3 |
| 44        | 7.8   | 6.9   | 10.3  |





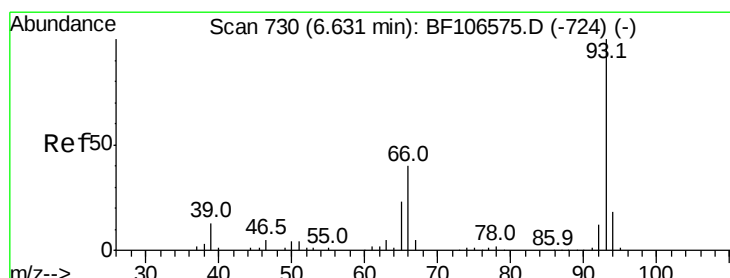
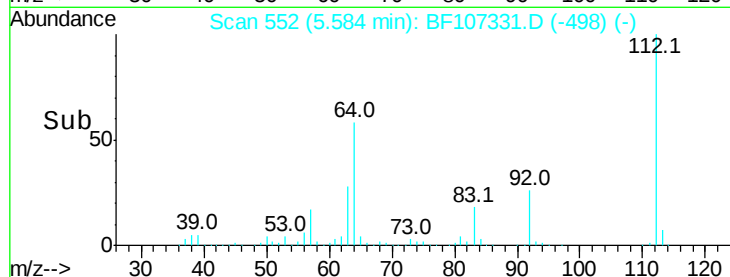
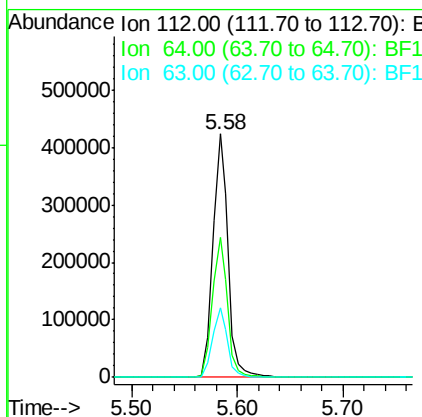
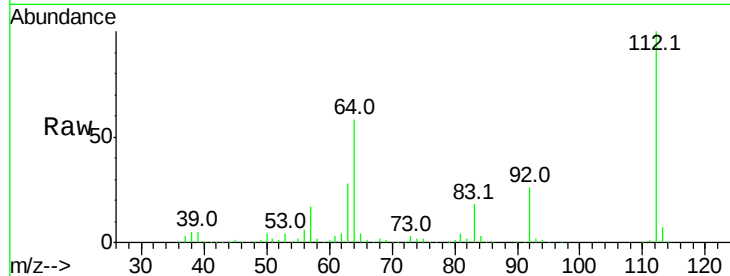
#5  
2-Fluorophenol  
Concen: 120.579 ng  
RT: 5.58 min Scan# 552  
Delta R.T. 0.02 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 112     | 100   |            |       |
| 64      | 57.7  | 47.9       | 71.9  |
| 63      | 28.3  | 23.7       | 35.5  |

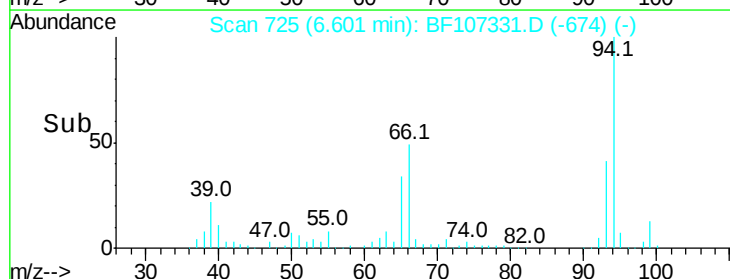
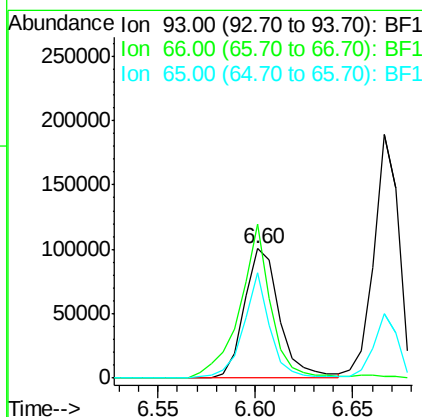
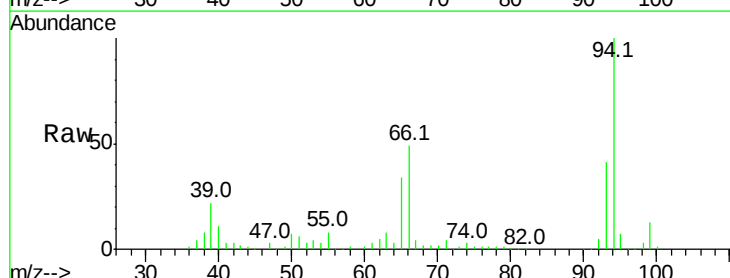
Manual Integrations  
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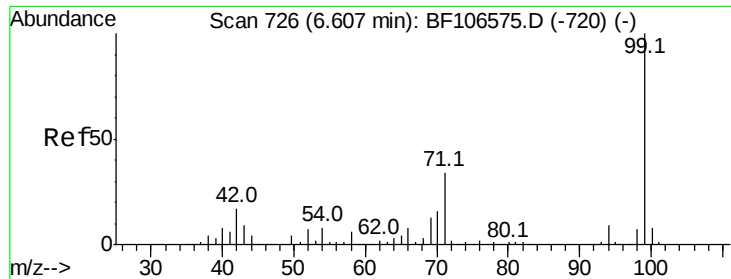
Sohil  
7/13/2018 11:17:07 AM



#6  
Aniline  
Concen: 20.854 ng  
RT: 6.60 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 66      | 119.0 | 32.2       | 48.2# |
| 65      | 81.9  | 16.4       | 24.6# |





#7

Phenol-d6

Concen: 118.335 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

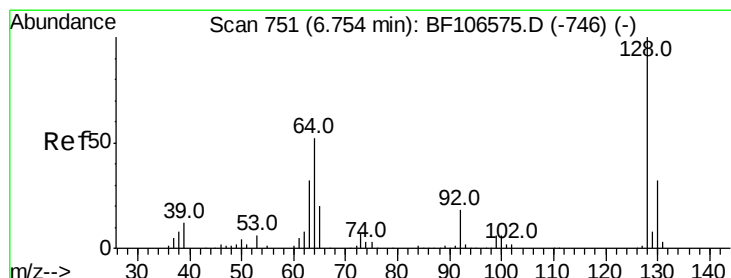
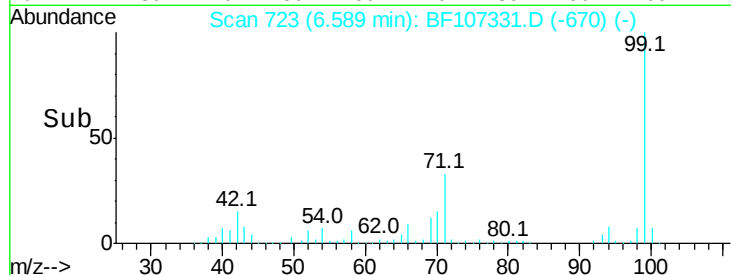
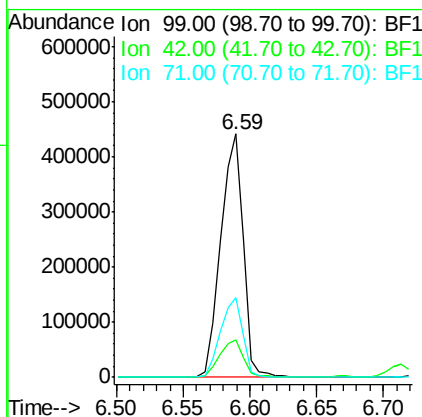
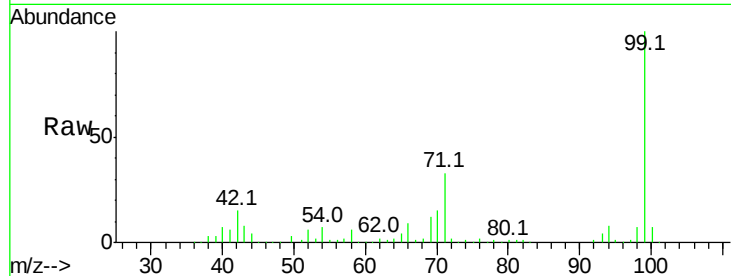
ClientSampleId :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 527126 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.4  | 14.5  | 21.7   |
| 71        | 32.8  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.698 ng

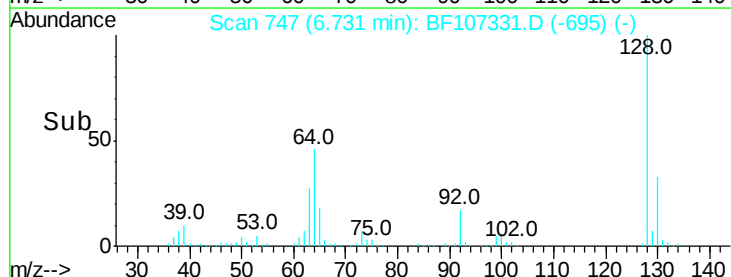
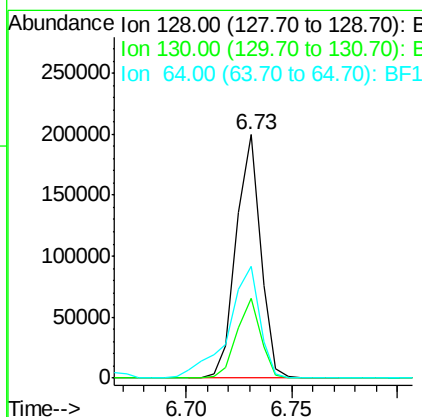
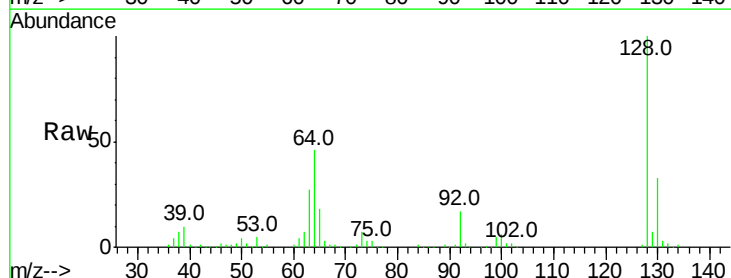
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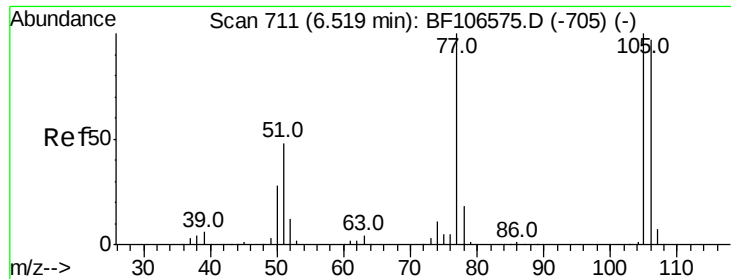
Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 159227 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.6  | 13.0  | 53.0   |
| 64        | 45.9  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 30.145 ng

RT: 6.49 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

ClientSampleId :

PB110986BS

Tot Ion: 77 Resp: 97673

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

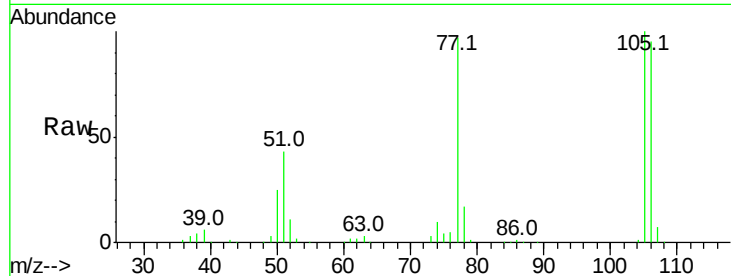
106 97.6 74.5 114.5

Manual Integrations

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Sohil

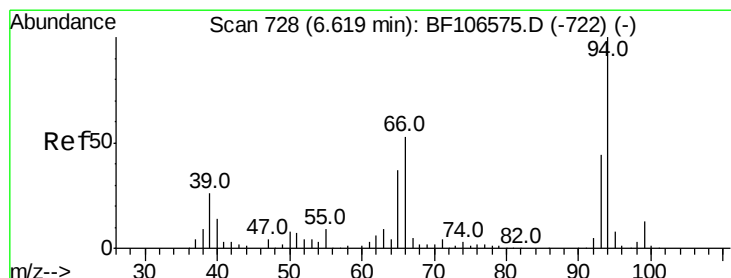
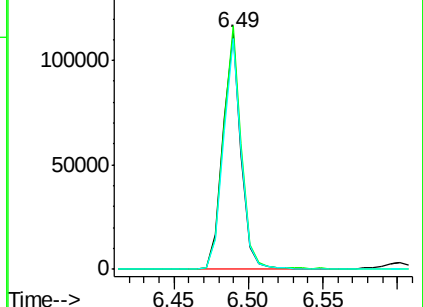
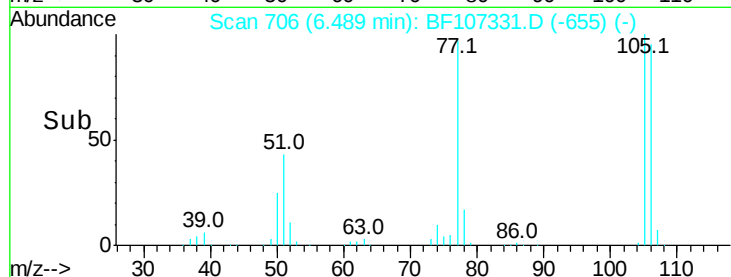
7/13/2018 11:17:07 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.984 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

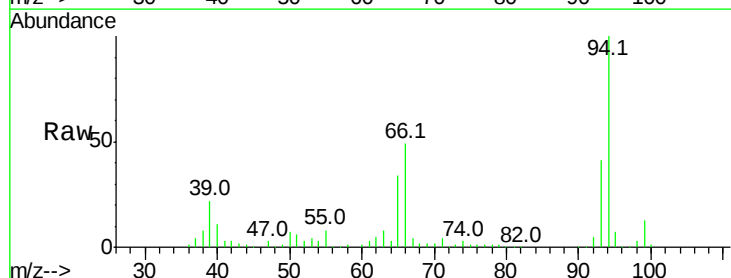
Tgt Ion: 94 Resp: 193096

Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

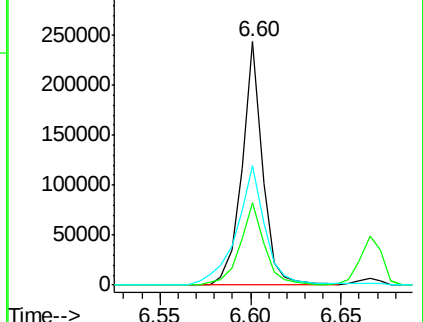
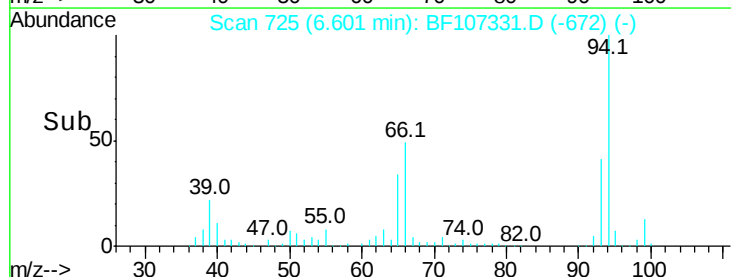
66 49.0 16.2 56.2

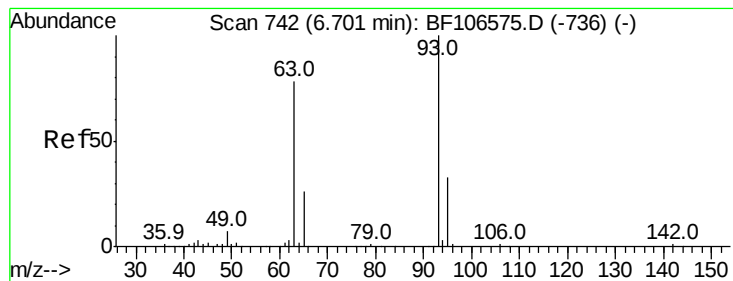


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





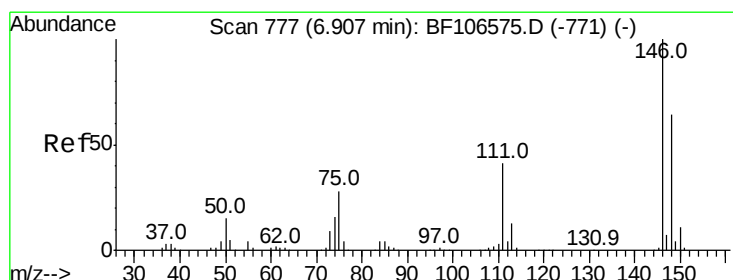
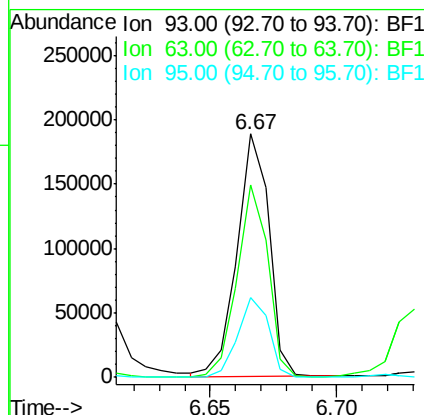
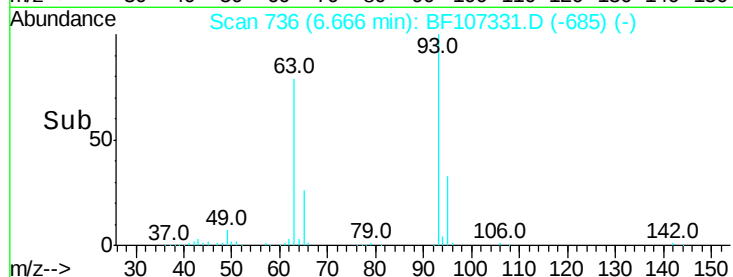
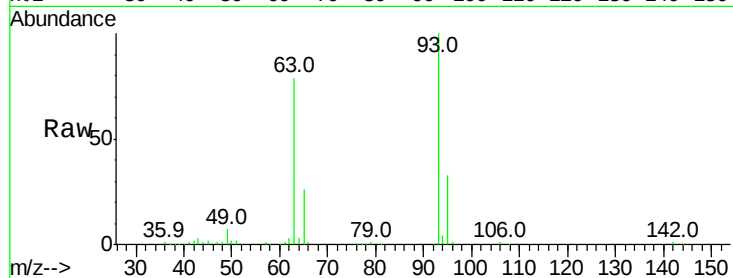
#11  
bis(2-Chloroethyl)ether  
Concen: 39.306 ng  
RT: 6.67 min Scan# 736  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 79.1  | 58.6  | 98.6  |
| 95      | 32.5  | 11.8  | 51.8  |

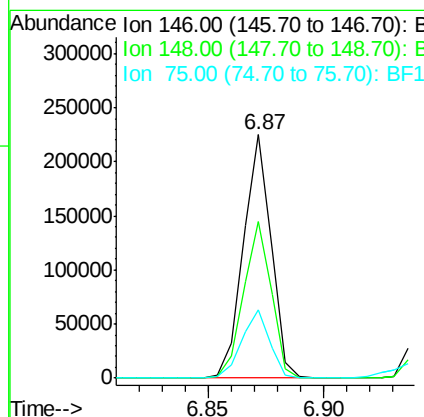
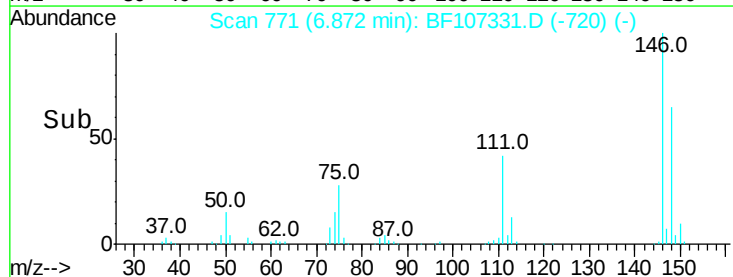
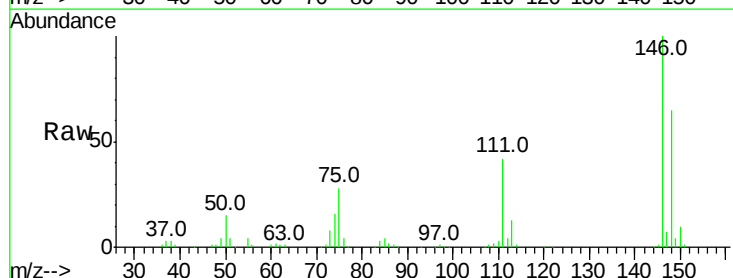
Manual Integrations  
APPROVED

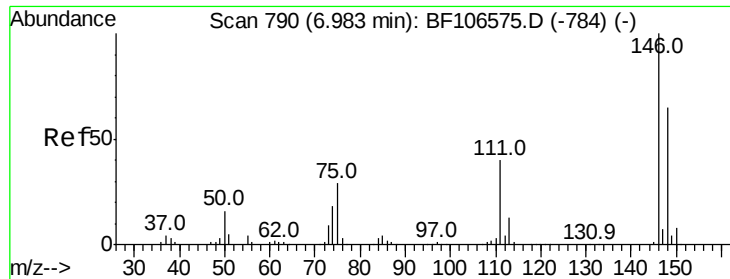
Sohil  
7/13/2018 11:17:07 AM



#12  
1,3-Dichlorobenzene  
Concen: 41.195 ng  
RT: 6.87 min Scan# 771  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.8  | 77.8  |
| 75      | 27.9  | 24.2  | 36.4  |





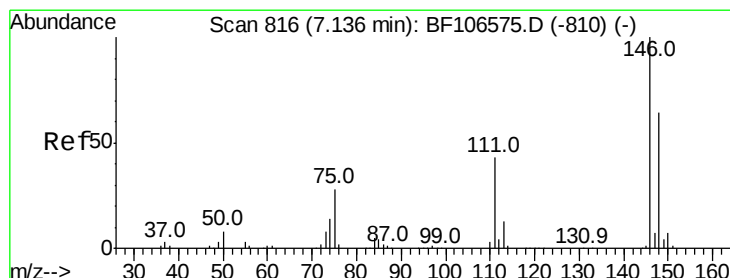
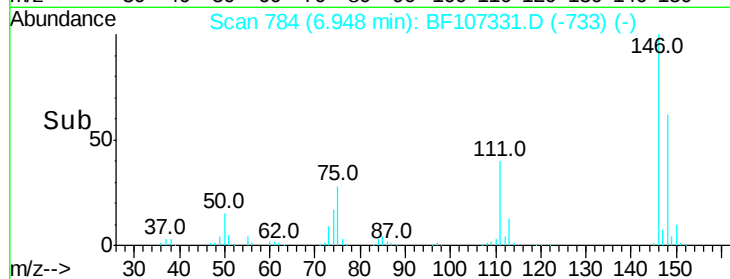
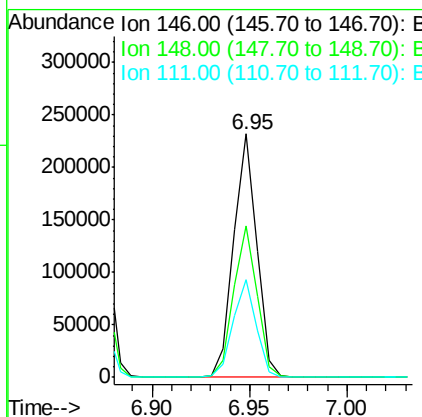
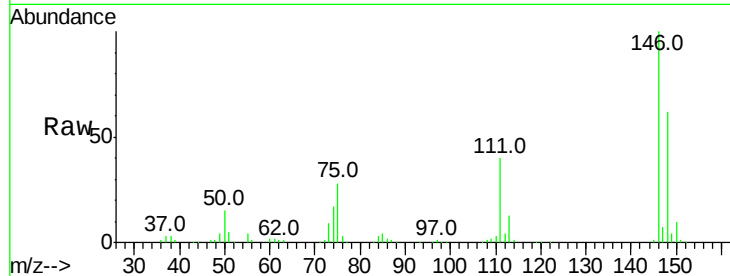
#13  
 1,4-Dichlorobenzene  
 Concen: 41.229 ng  
 RT: 6.95 min Scan# 784  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.0  | 50.8  | 76.2  |
| 111     | 40.2  | 34.2  | 51.2  |

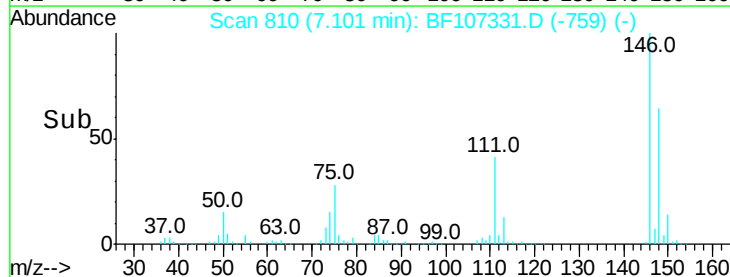
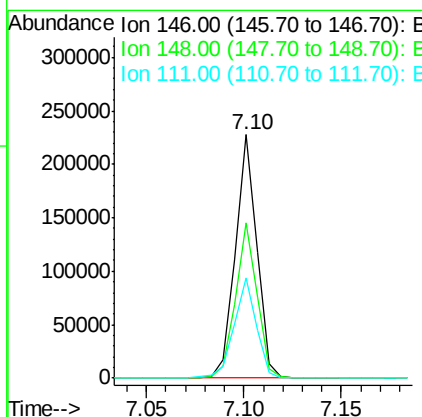
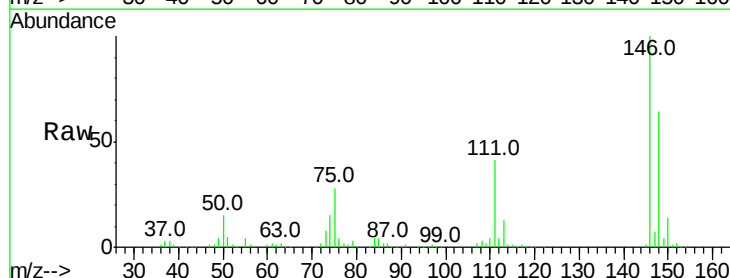
Manual Integrations  
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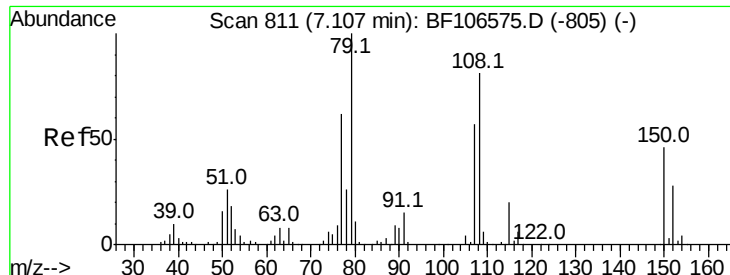
Sohil  
 7/13/2018 11:17:07 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 40.768 ng  
 RT: 7.10 min Scan# 810  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.6  | 75.8  |
| 111     | 41.0  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 35.647 ng

RT: 7.08 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

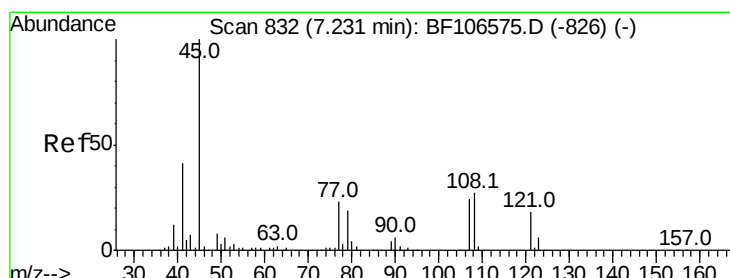
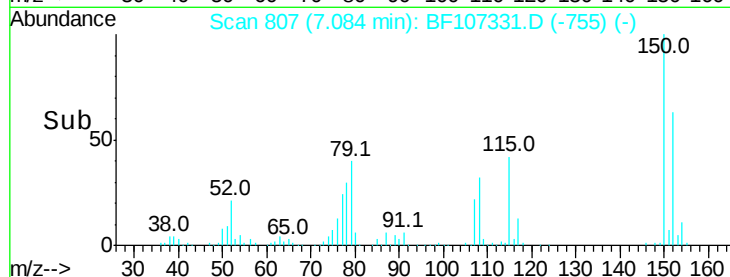
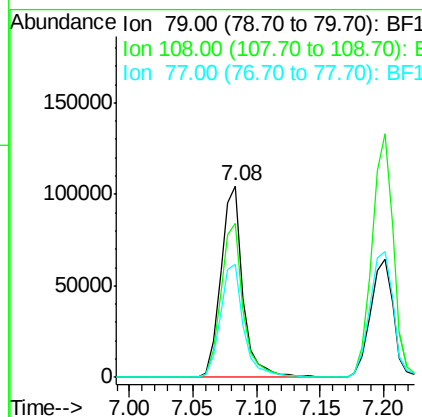
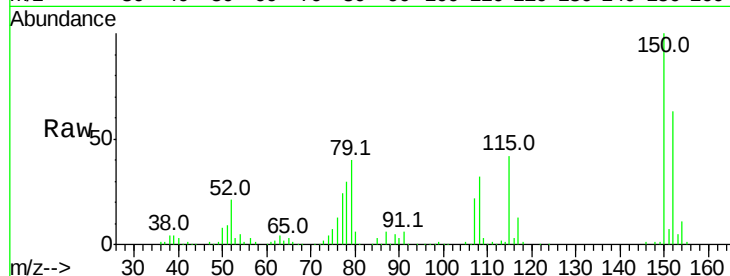
ClientSampleId :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 127503 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 80.4  | 65.1  | 97.7   |
| 77        | 59.1  | 50.6  | 75.8   |

Manual Integrations  
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Sohil  
7/13/2018 11:17:07 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.086 ng

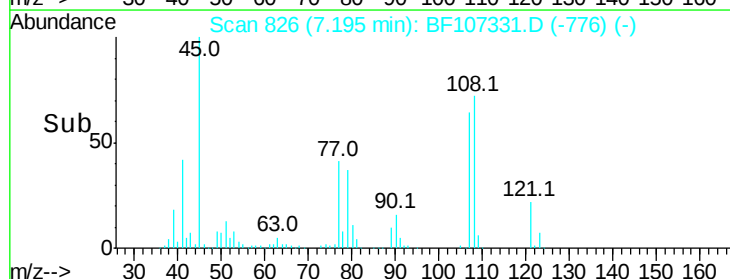
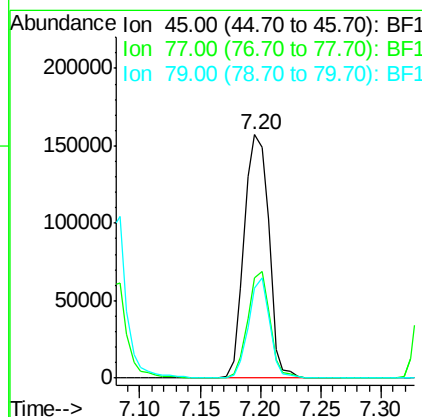
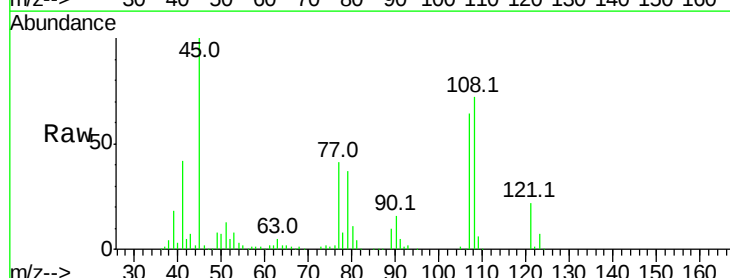
RT: 7.20 min Scan# 826

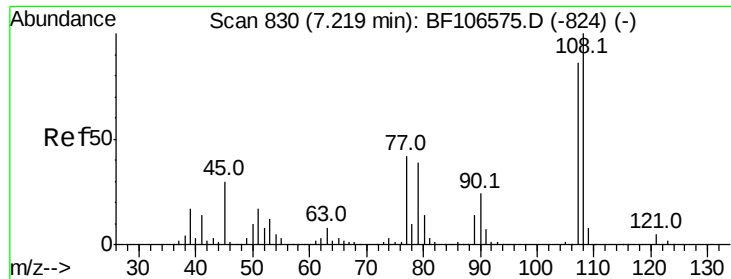
Delta R.T. -0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 226238 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 41.3  | 0.0   | 32.9#  |
| 79        | 37.2  | 0.0   | 29.6#  |





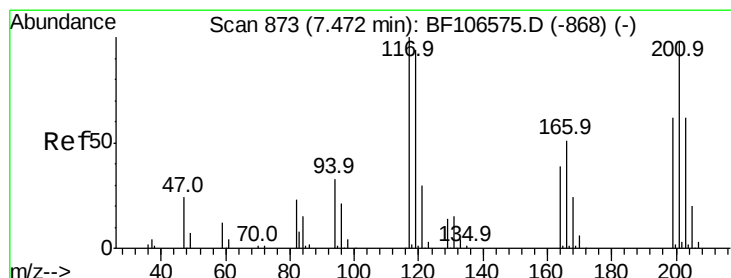
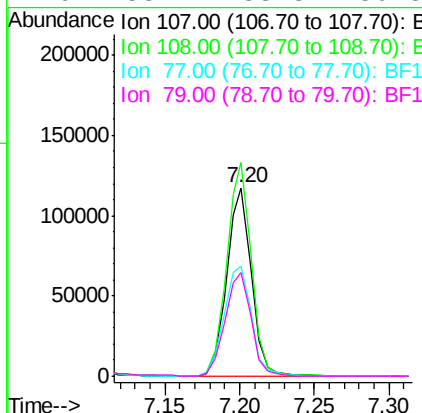
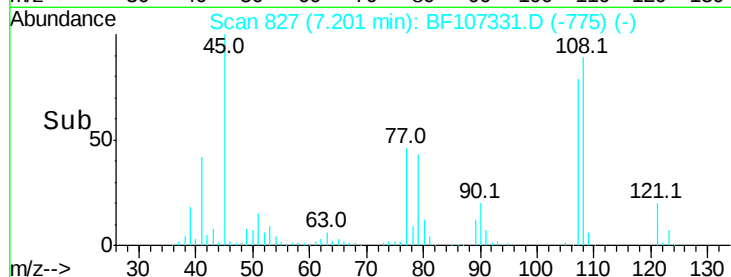
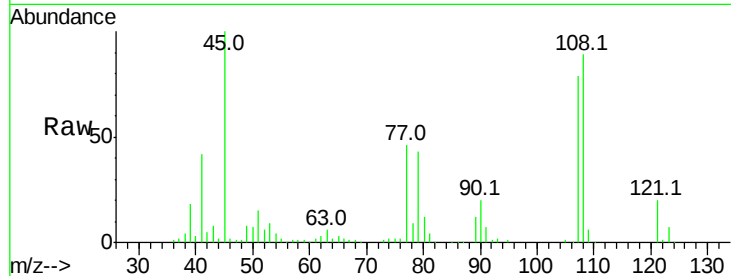
#17  
2-Methylphenol  
Concen: 40.809 ng  
RT: 7.20 min Scan# 827  
Delta R.T. 0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.4 | 91.7  | 137.5 |
| 77      | 58.7  | 33.8  | 50.8# |
| 79      | 55.1  | 33.8  | 50.8# |

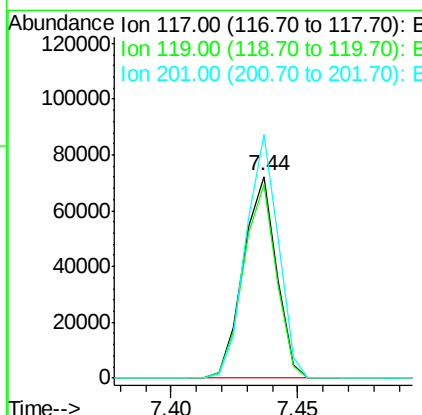
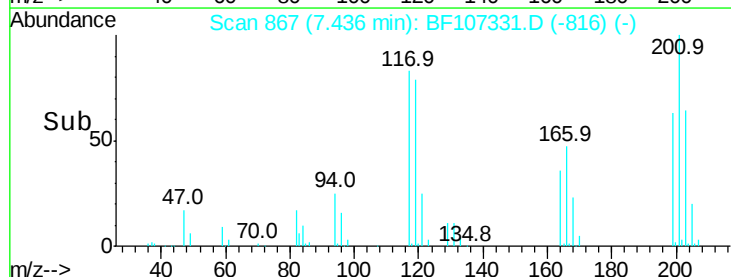
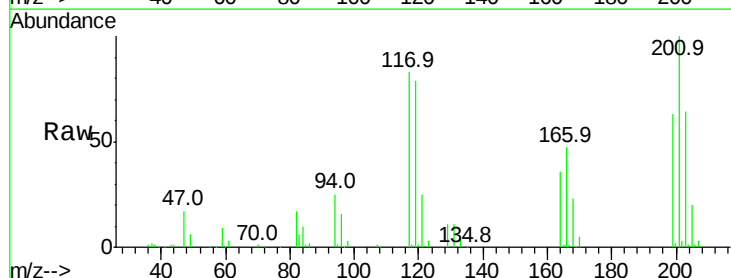
Manual Integrations  
APPROVED

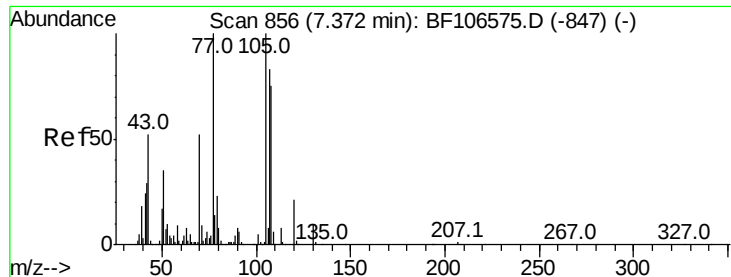
Sohil  
7/13/2018 11:17:07 AM



#18  
Hexachloroethane  
Concen: 40.365 ng  
RT: 7.44 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 95.7  | 75.8  | 113.8  |
| 201     | 120.6 | 75.7  | 113.5# |





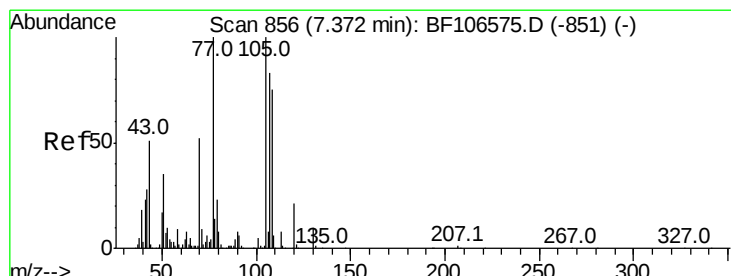
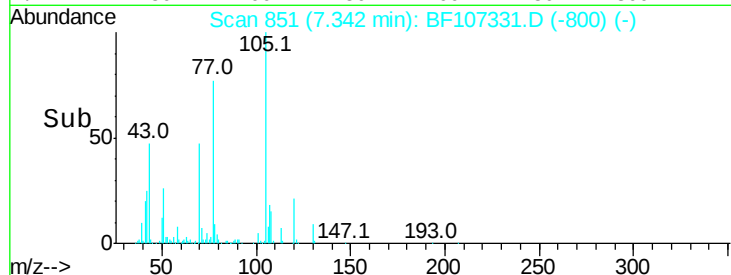
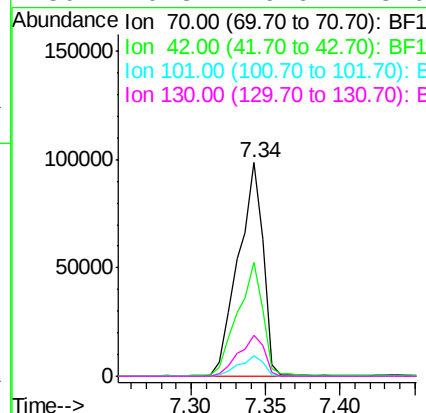
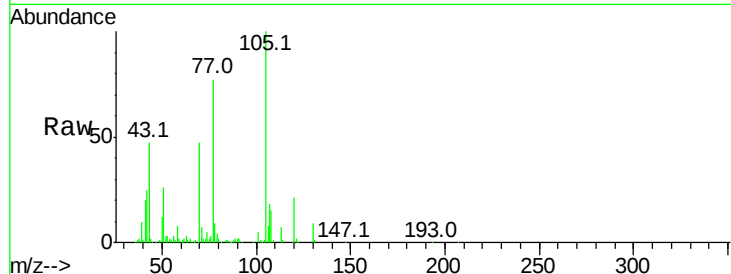
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.225 ng  
RT: 7.34 min Scan# 851  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.5  | 47.5  | 71.3  |
| 101     | 9.6   | 7.4   | 11.2  |
| 130     | 19.3  | 16.6  | 25.0  |

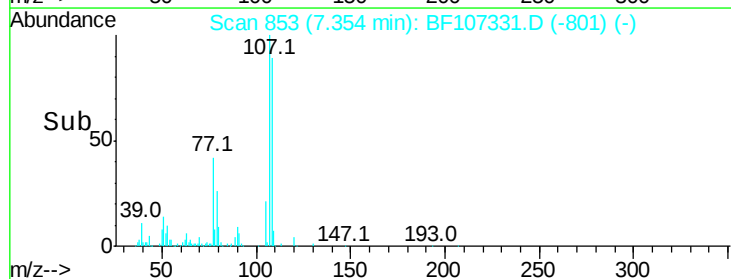
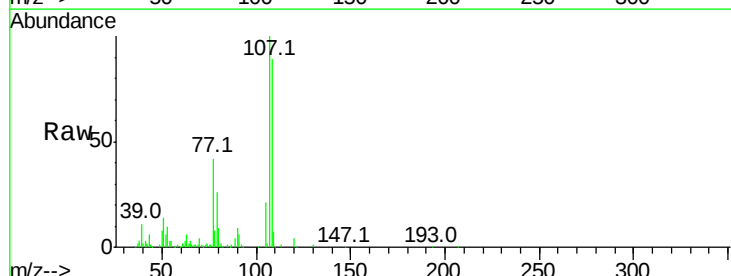
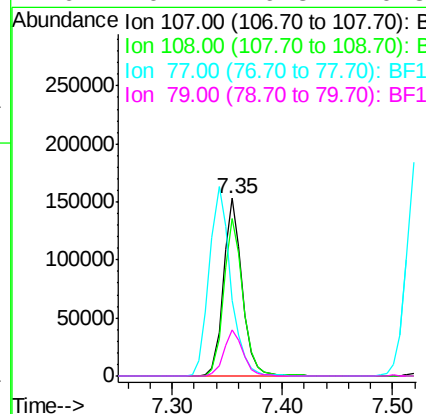
Manual Integrations  
APPROVED

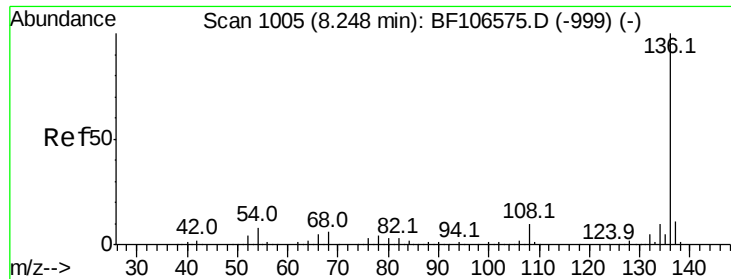
Sohil  
7/13/2018 11:17:07 AM



#20  
3+4-Methylphenols  
Concen: 52.207 ng  
RT: 7.35 min Scan# 853  
Delta R.T. 0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.1  | 68.2  | 108.2 |
| 77      | 42.4  | 26.7  | 66.7  |
| 79      | 26.1  | 6.3   | 46.3  |





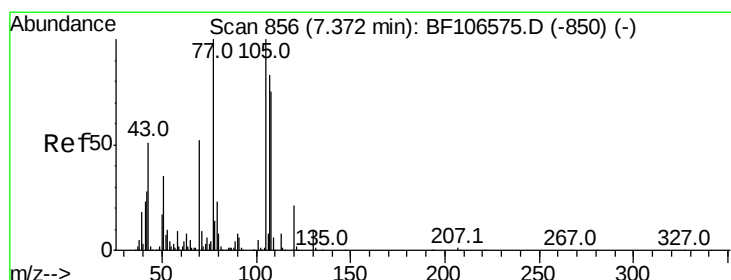
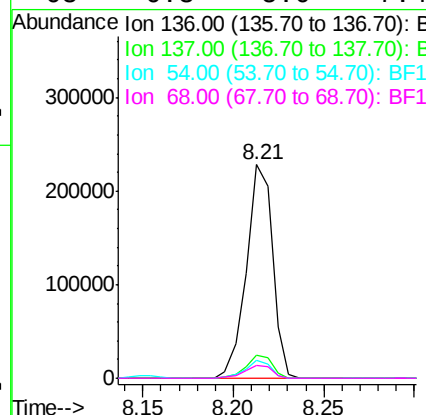
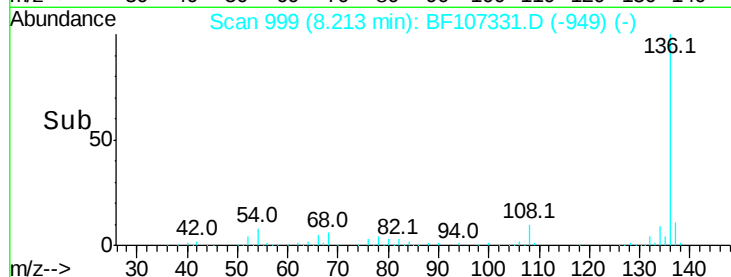
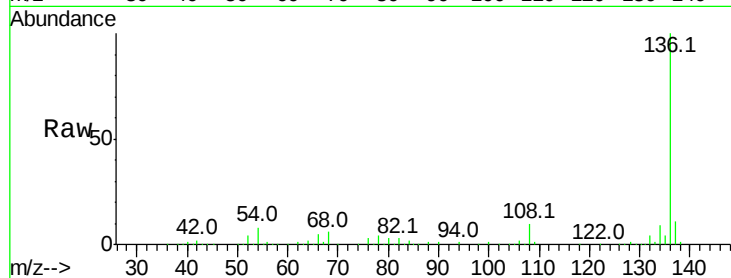
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.21 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.9  | 13.3  |       |
| 54      | 8.4   | 6.6  | 9.8   |       |
| 68      | 6.3   | 5.0  | 7.4   |       |

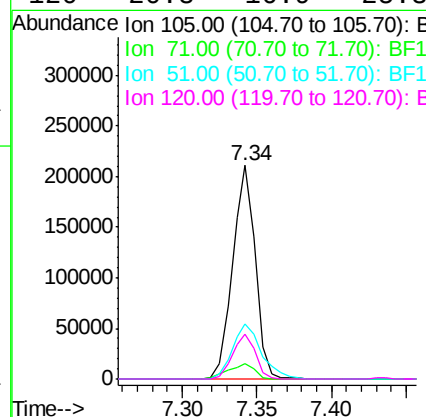
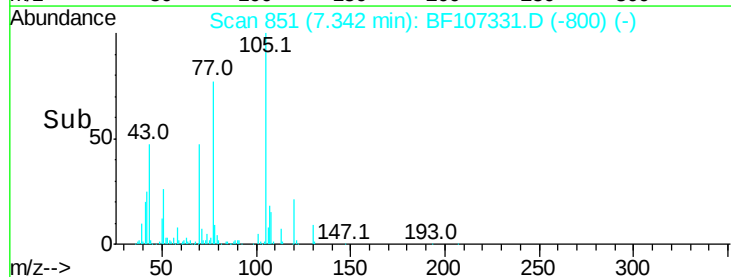
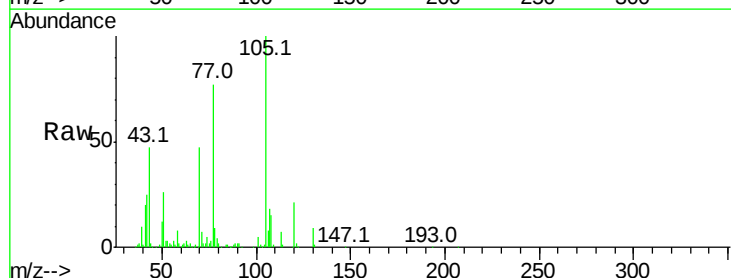
Manual Integrations  
APPROVED

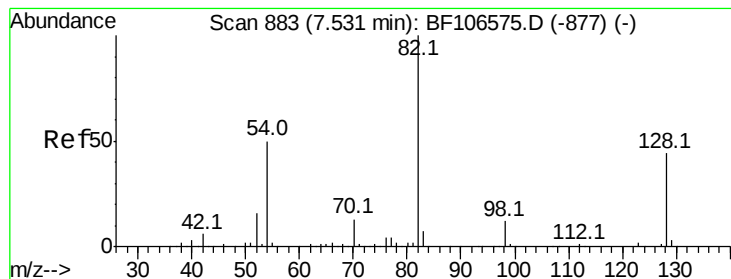
Sohil  
7/13/2018 11:17:07 AM



#22  
Acetophenone  
Concen: 43.974 ng  
RT: 7.34 min Scan# 851  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 7.4   | 4.4  | 6.6#  |       |
| 51      | 25.9  | 22.3 | 33.5  |       |
| 120     | 20.8  | 16.9 | 25.3  |       |





#23

Nitrobenzene-d5

Concen: 84.543 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

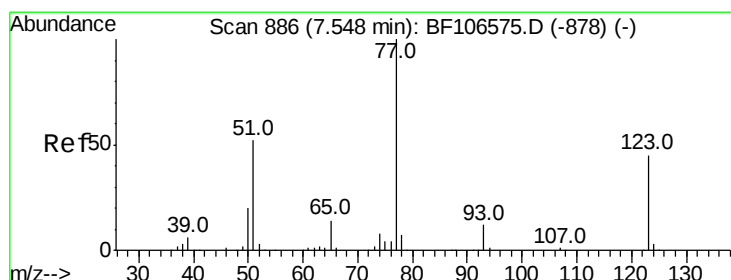
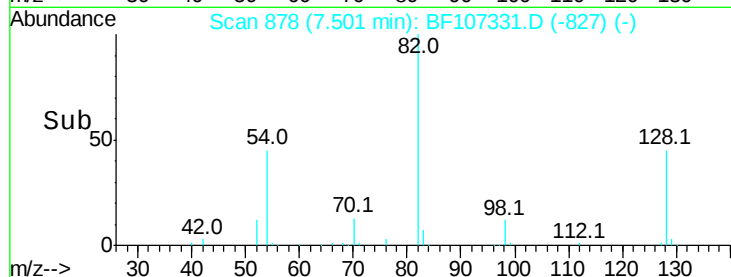
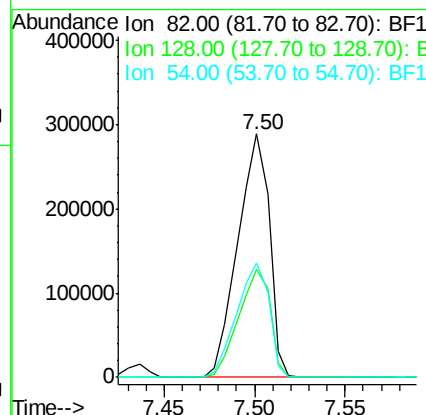
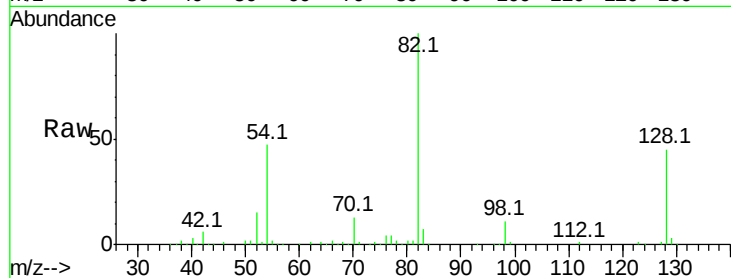
ClientSampleId :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 349621 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.6  | 36.1  | 54.1   |
| 54        | 47.1  | 41.4  | 62.2   |

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7/13/2018 11:17:07 AM



#24

Nitrobenzene

Concen: 41.171 ng

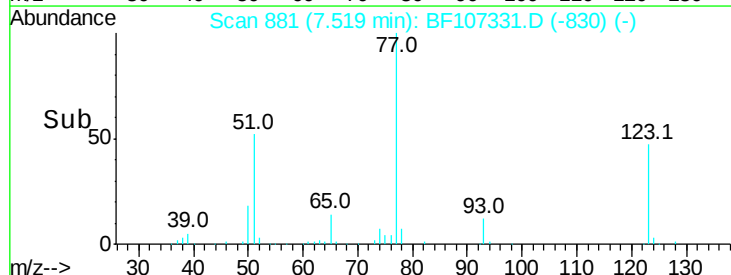
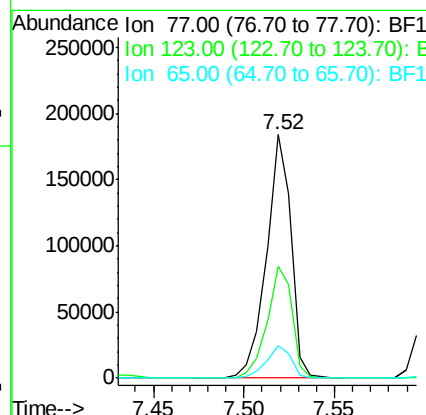
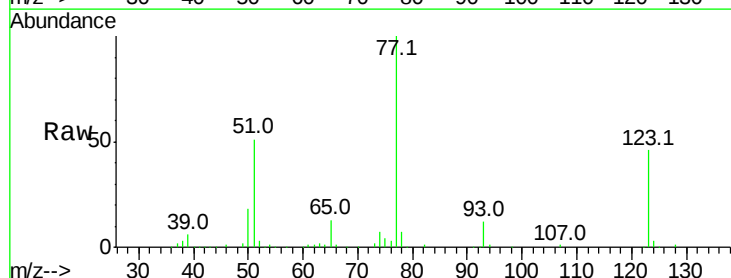
RT: 7.52 min Scan# 881

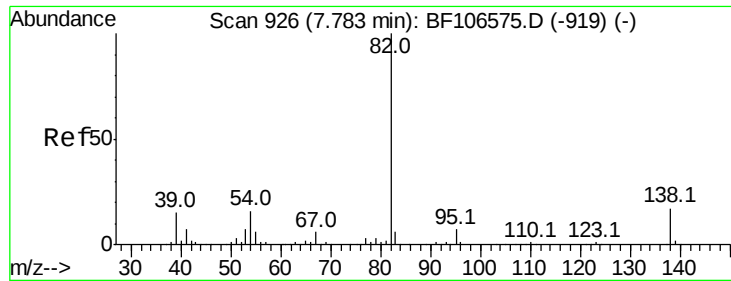
Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 173826 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 46.1  | 37.9  | 56.9   |
| 65        | 13.4  | 11.0  | 16.4   |





#25

Isophorone

Concen: 44.017 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

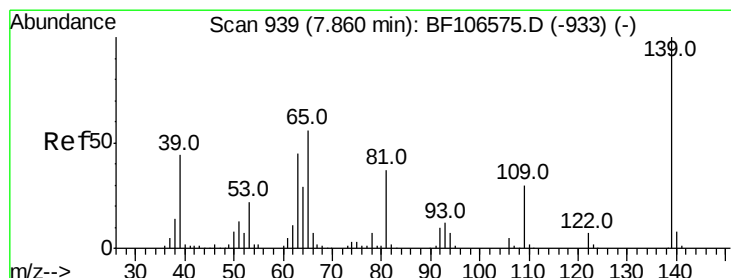
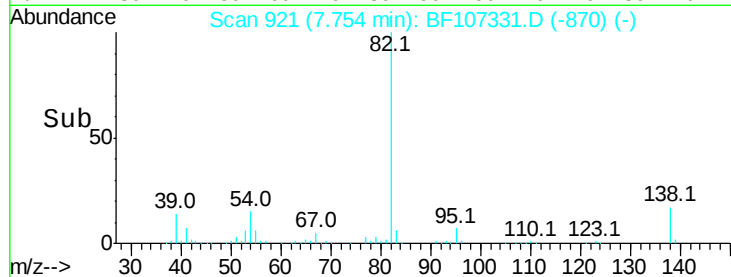
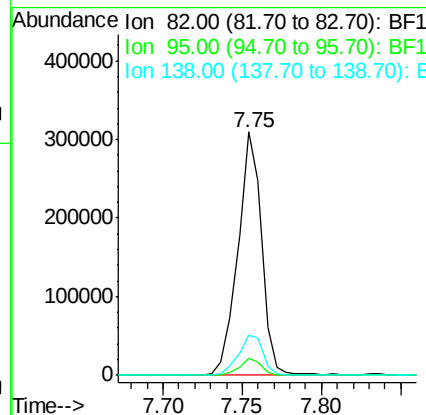
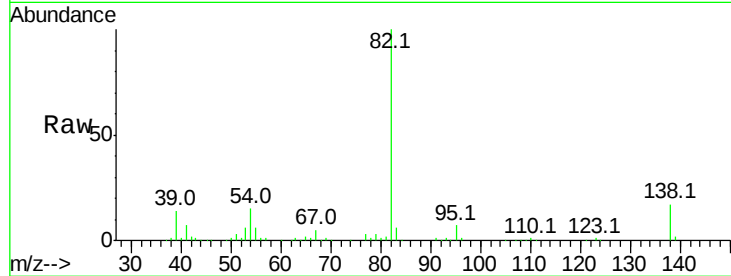
ClientSampleId :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 320759 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.8   | 5.2   | 7.8    |
| 138       | 16.7  | 14.9  | 22.3   |

Manual Integrations  
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7/13/2018 11:17:07 AM



#26

2-Nitrophenol

Concen: 46.583 ng

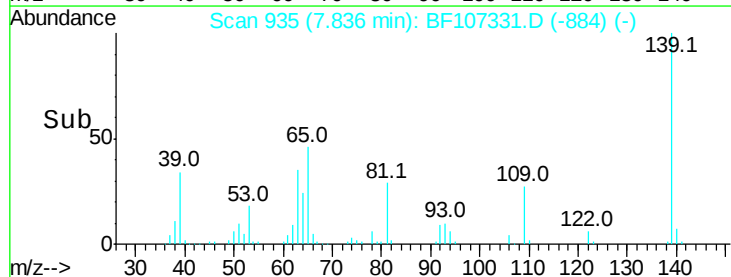
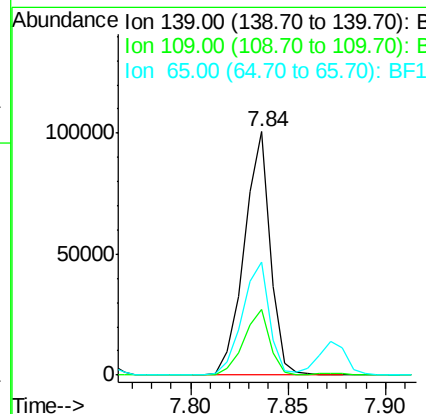
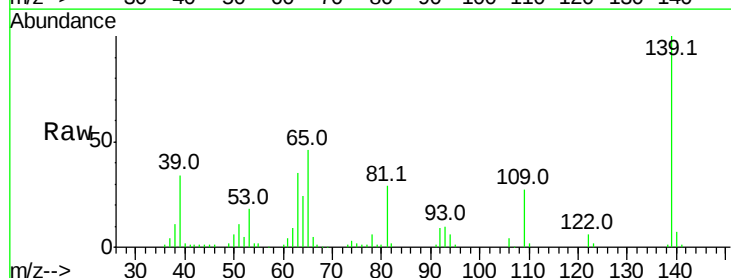
RT: 7.84 min Scan# 935

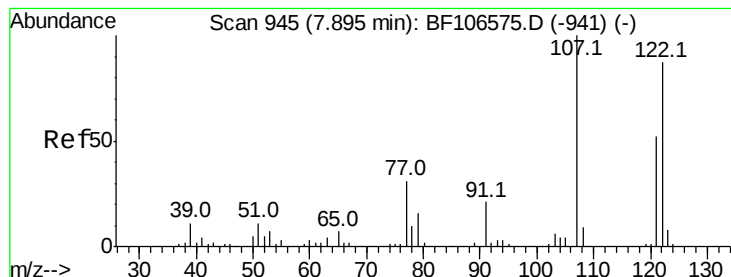
Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 92846 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 26.9  | 22.7  | 34.1  |
| 65        | 46.5  | 40.5  | 60.7  |





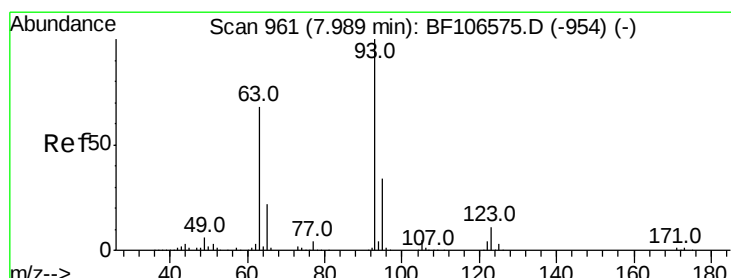
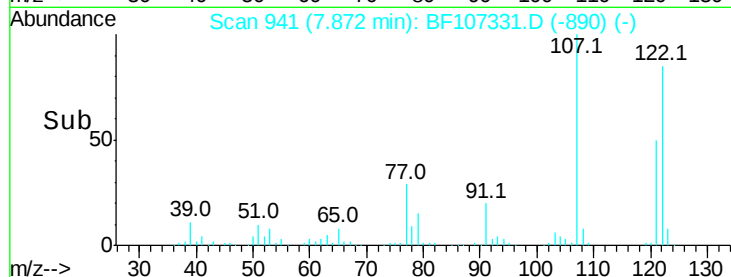
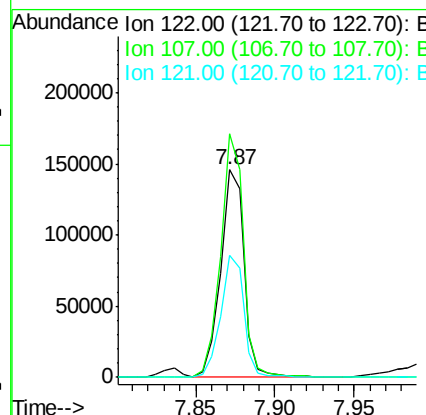
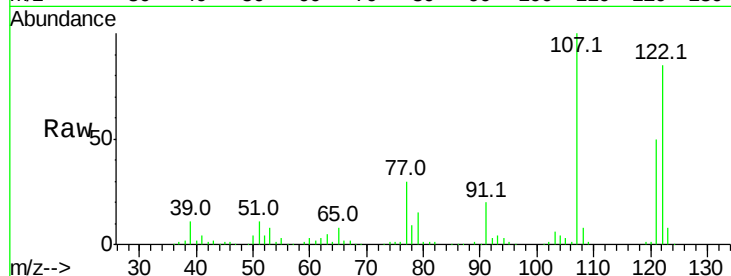
#27  
 2,4-Dimethylphenol  
 Concen: 48.366 ng  
 RT: 7.87 min Scan# 941  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 149000 |       |       |
| 107     | 117.5 | 91.2  | 136.8  |       |       |
| 121     | 59.1  | 47.2  | 70.8   |       |       |

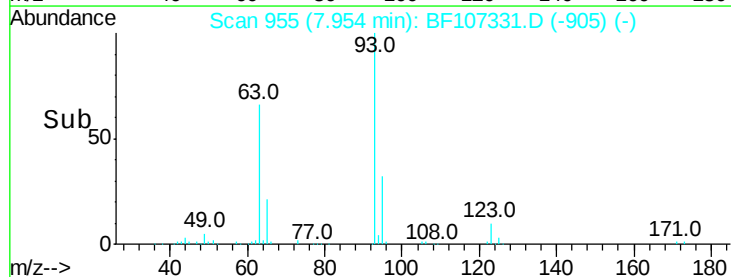
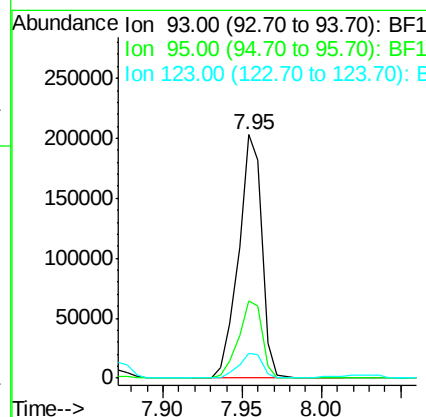
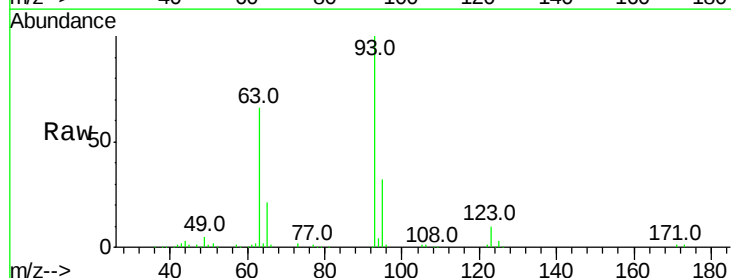
Manual Integrations  
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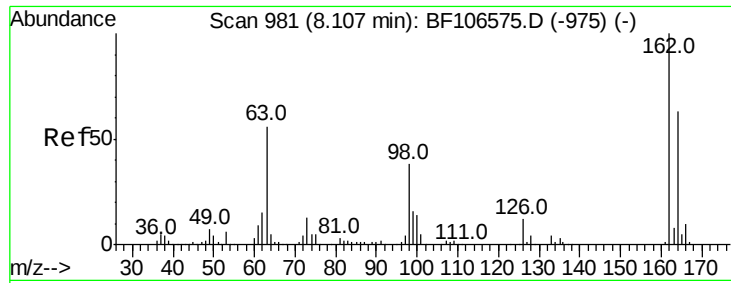
Sohil  
 7/13/2018 11:17:07 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.098 ng  
 RT: 7.95 min Scan# 955  
 Delta R.T. -0.01 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 205975 |       |       |
| 95      | 31.7 | 26.3  | 39.5   |       |       |
| 123     | 10.1 | 9.8   | 14.6   |       |       |





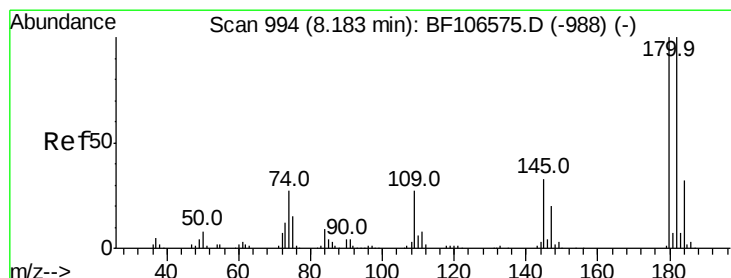
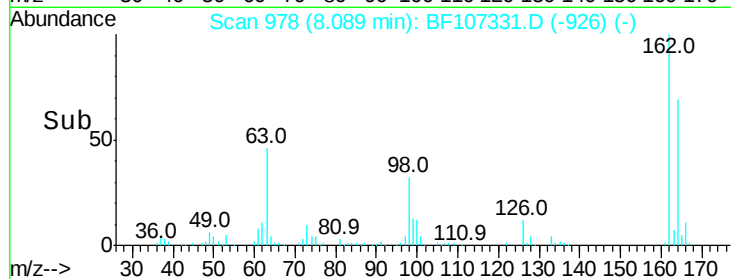
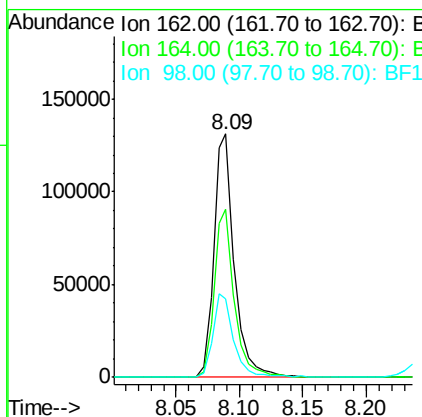
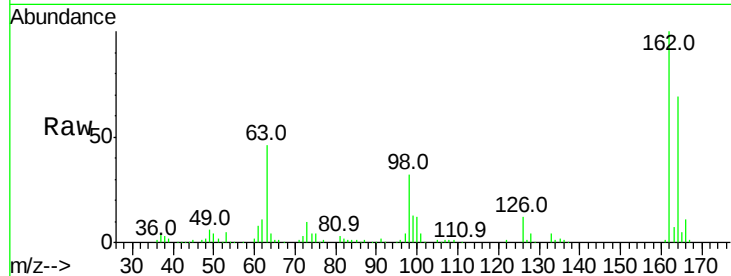
#29  
2,4-Dichlorophenol  
Concen: 46.079 ng  
RT: 8.09 min Scan# 978  
Delta R.T. 0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 148616 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 68.8  | 42.7  | 82.7   |
| 98        | 32.3  | 18.1  | 58.1   |

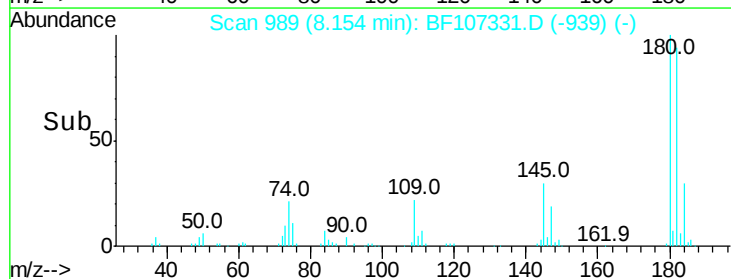
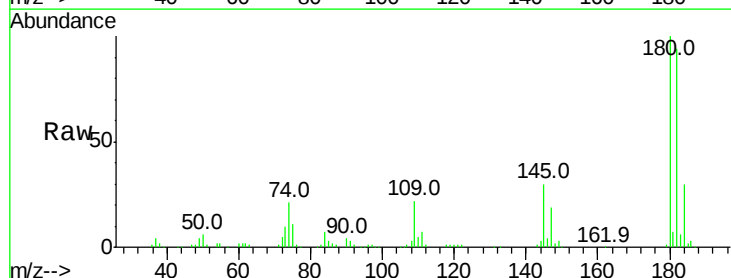
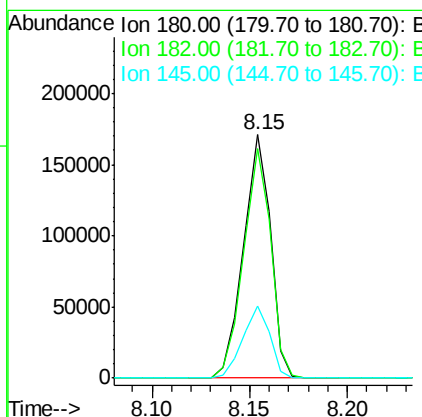
Manual Integrations  
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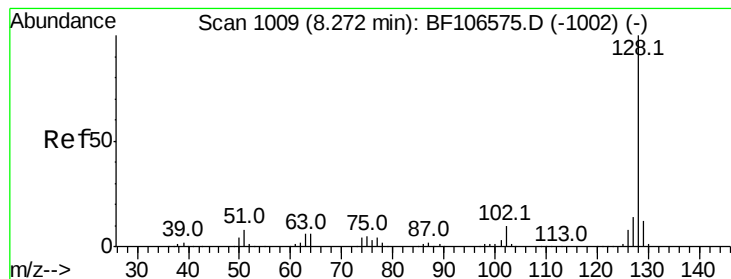
Sohil  
7/13/2018 11:17:07 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 46.539 ng  
RT: 8.15 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 165354 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.1  | 76.8  | 115.2  |
| 145       | 29.8  | 26.5  | 39.7   |





#31

Naphthalene

Concen: 43.639 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

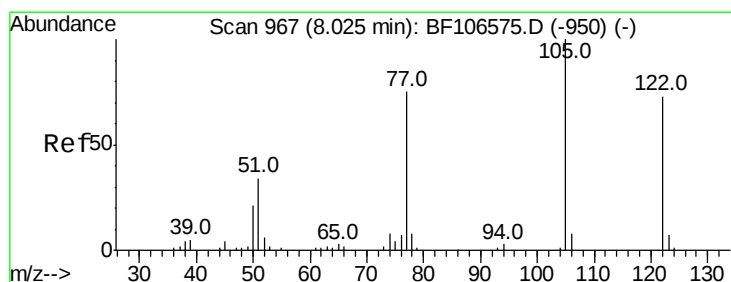
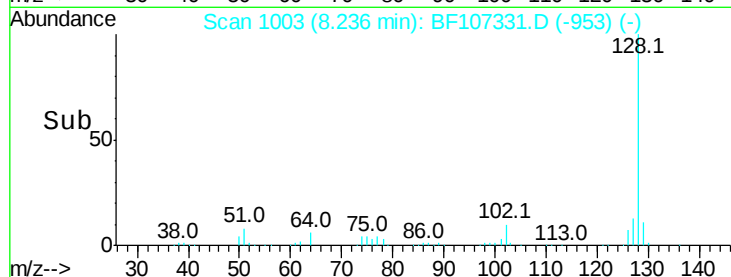
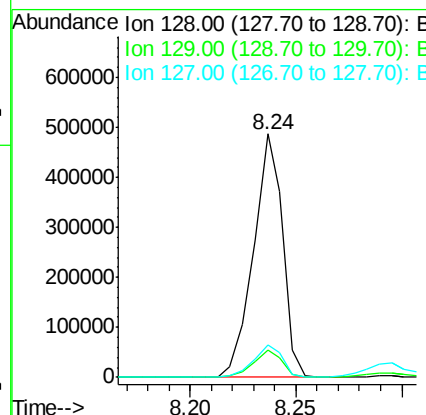
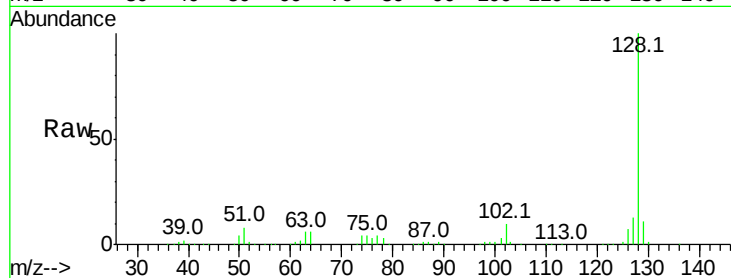
ClientSampleId :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 468885 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.2  | 8.8   | 13.2   |
| 127       | 13.3  | 10.9  | 16.3   |

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7/13/2018 11:17:07 AM



#32

Benzoic acid

Concen: 36.452 ng

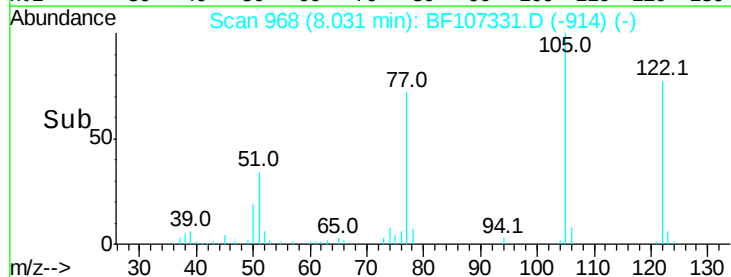
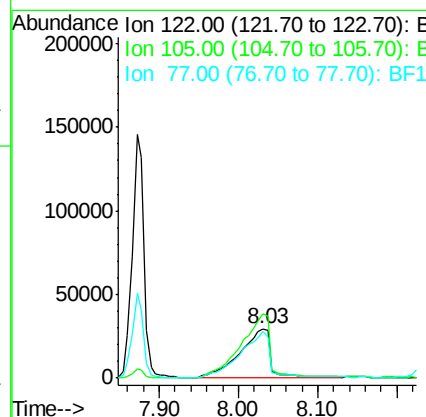
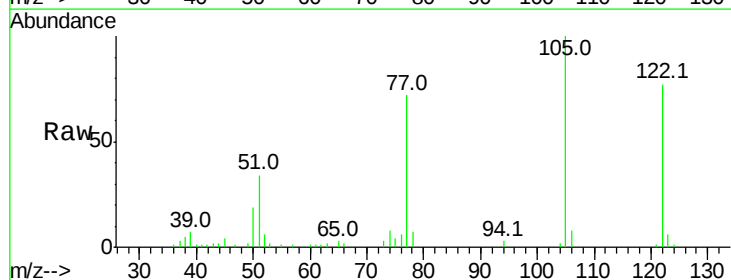
RT: 8.03 min Scan# 968

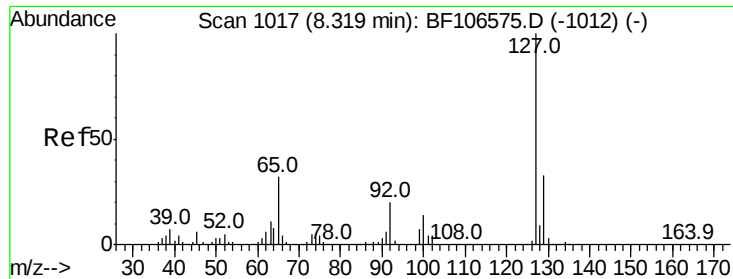
Delta R.T. 0.02 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 78175 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 129.1 | 101.1 | 141.1 |
| 77        | 93.6  | 70.7  | 110.7 |





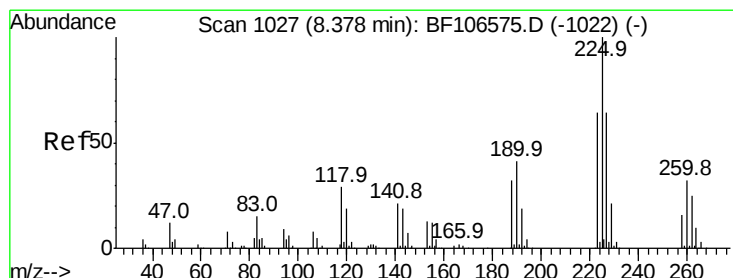
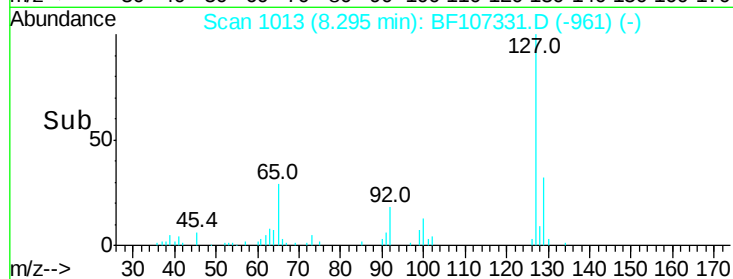
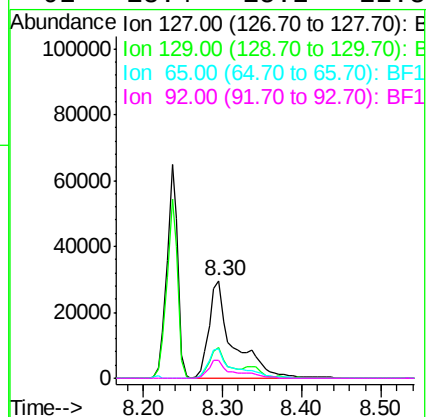
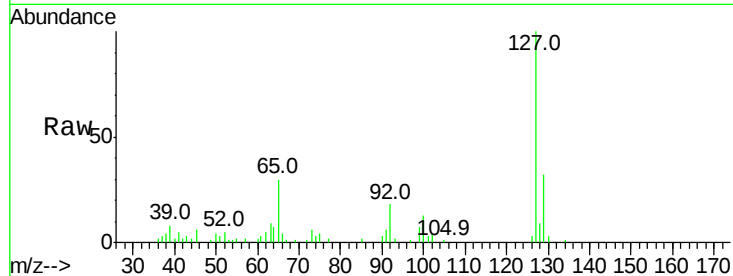
#33  
4-Chloroaniline  
Concen: 13.934 ng  
RT: 8.30 min Scan# 1013  
Delta R.T. 0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.6  | 25.9  | 38.9  |
| 65      | 30.0  | 25.0  | 37.4  |
| 92      | 18.4  | 15.2  | 22.8  |

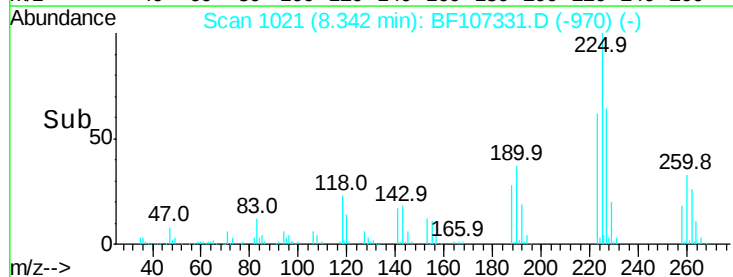
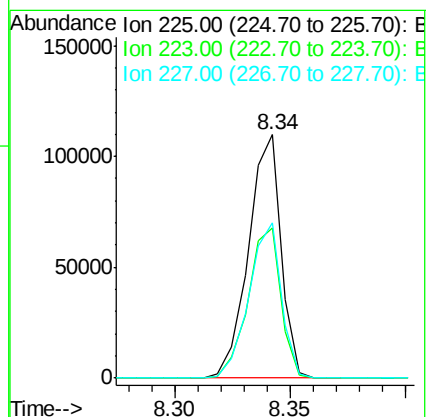
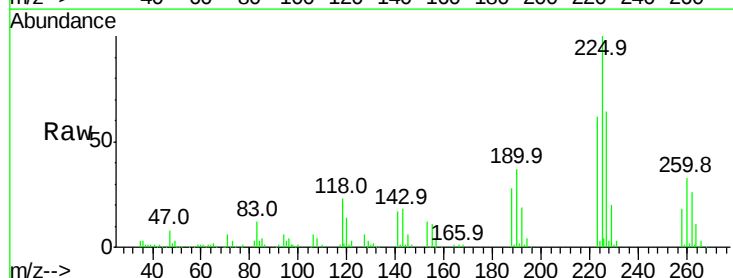
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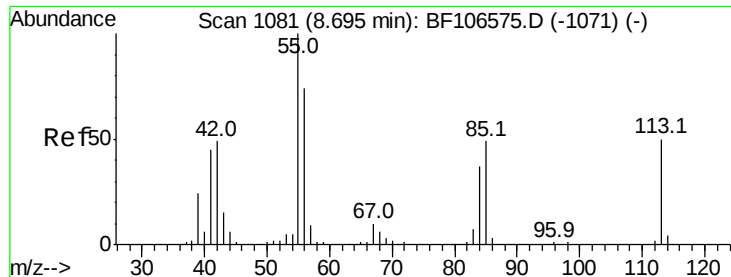
Sohil  
7/13/2018 11:17:07 AM



#34  
Hexachlorobutadiene  
Concen: 46.724 ng  
RT: 8.34 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.8  | 50.6  | 76.0  |
| 227     | 63.7  | 51.9  | 77.9  |





#35

Caprolactam

Concen: 39.114 ng/mL

RT: 8.68 min Scan# 1079

Delta R.T. 0.02 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

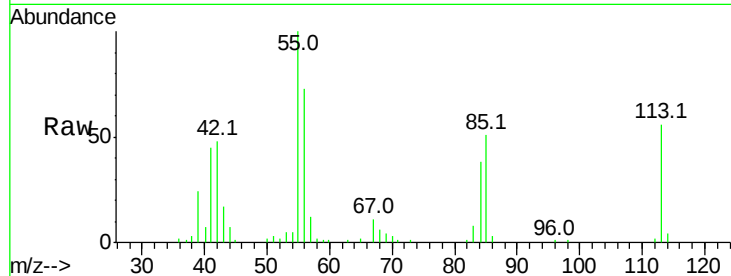
ClientSampled :

PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 180.1 | 163.3 | 203.3 |
| 56      | 131.7 | 115.7 | 155.7 |

Manual Integrations  
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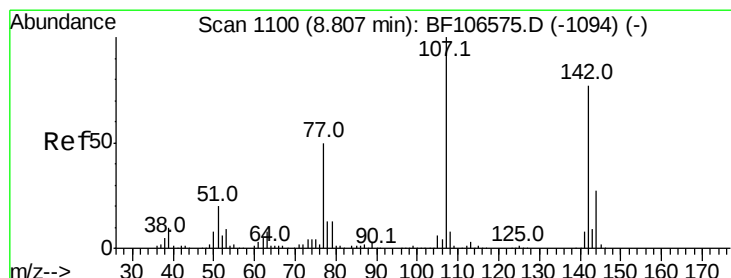
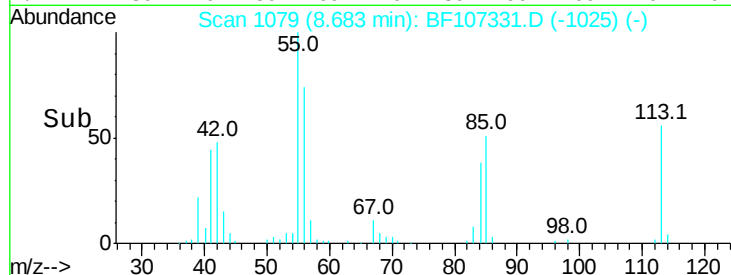
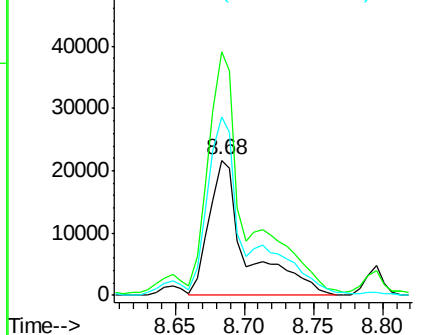


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.725 ng/mL

RT: 8.80 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

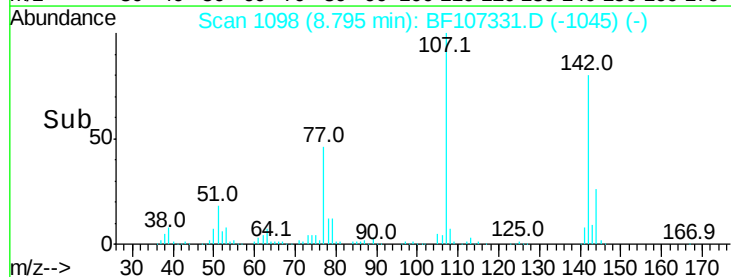
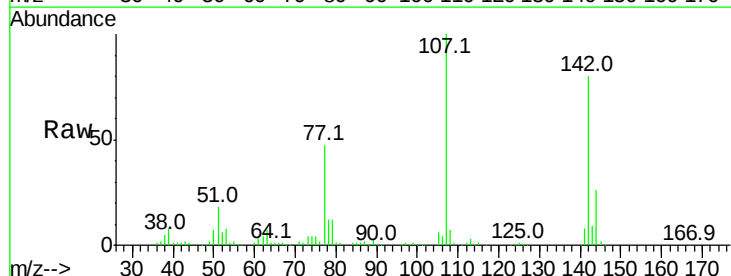
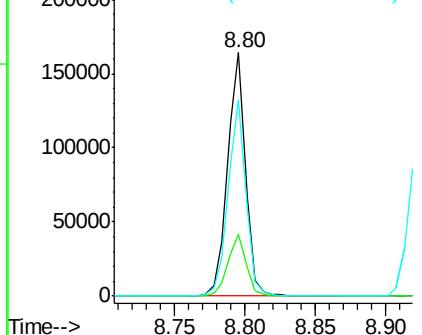
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.5  | 20.5  | 30.7  |
| 142     | 80.4  | 62.0  | 93.0  |

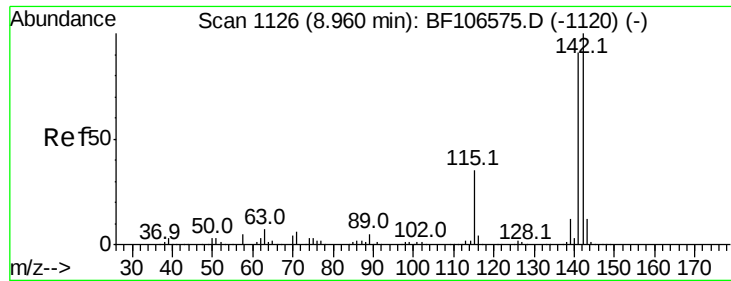
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





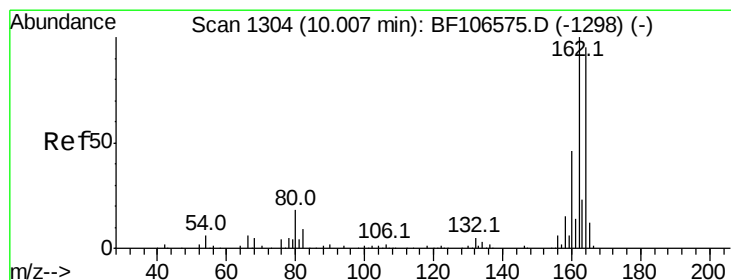
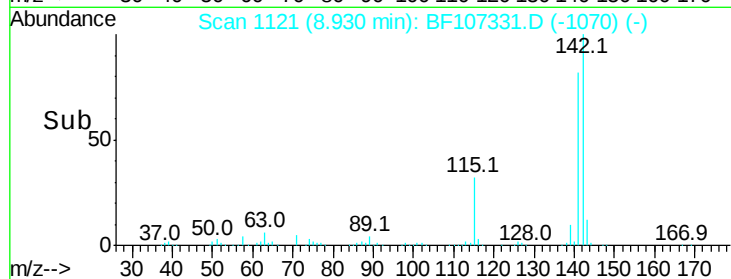
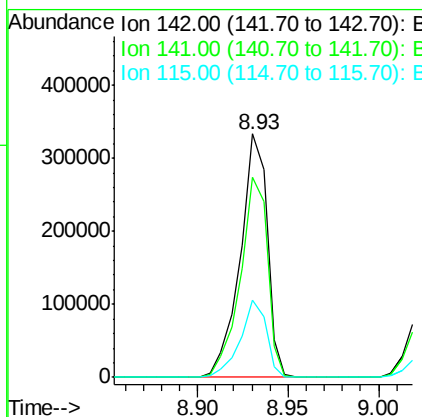
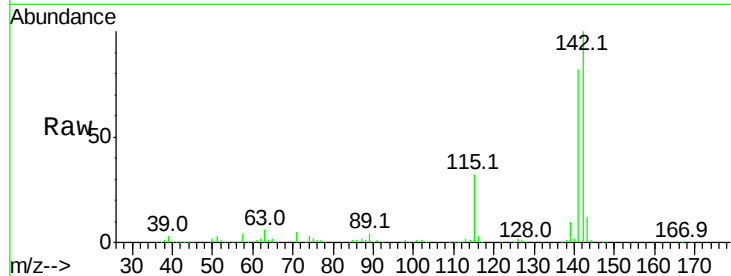
#37  
2-Methylnaphthalene  
Concen: 48.622 ng  
RT: 8.93 min Scan# 1121  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 346277 |       |       |
| 141     | 82.1  | 70.8   | 106.2 |       |
| 115     | 31.5  | 26.1   | 39.1  |       |

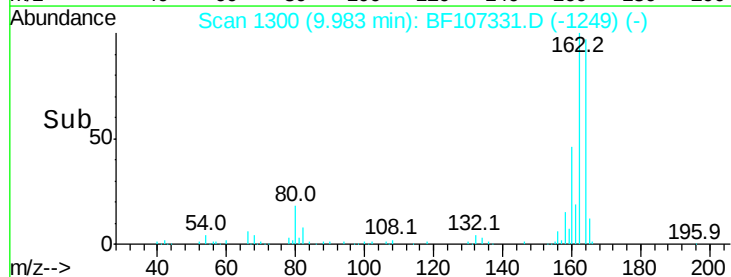
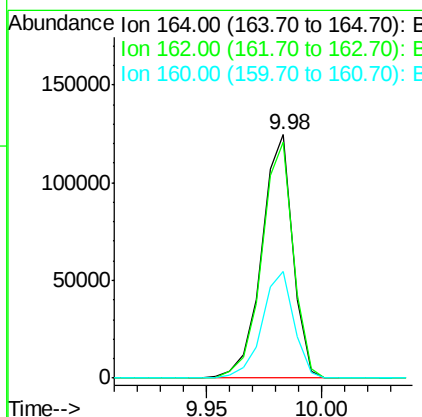
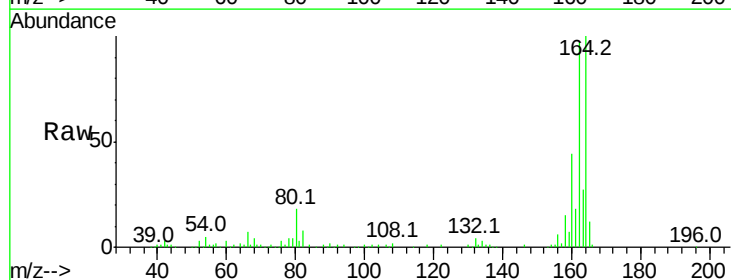
Manual Integrations  
APPROVED

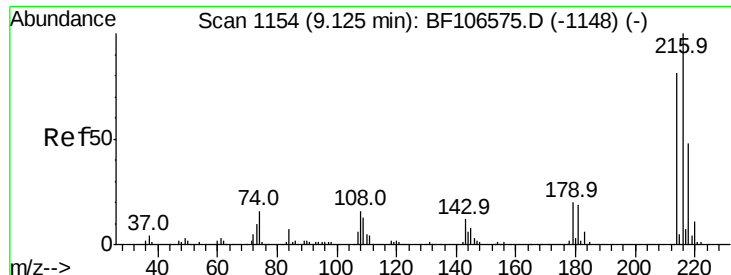
Sohil  
7/13/2018 11:17:07 AM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.98 min Scan# 1300  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 116995 |       |       |
| 162     | 96.8  | 86.1   | 129.1 |       |
| 160     | 44.0  | 38.3   | 57.5  |       |





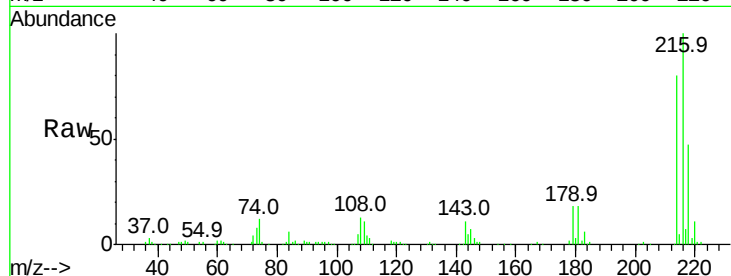
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.811 ng  
 RT: 9.10 min Scan# 1150  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 79.9  | 63.0       | 94.4  |
| 179     | 18.9  | 18.1       | 27.1  |
| 108     | 15.4  | 17.2       | 25.8  |

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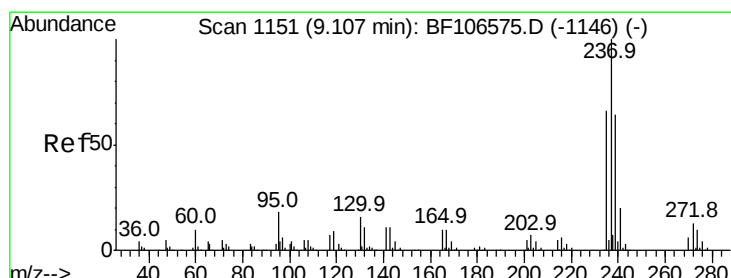
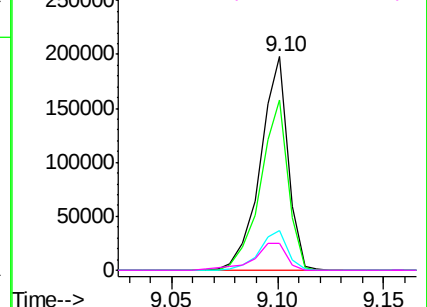
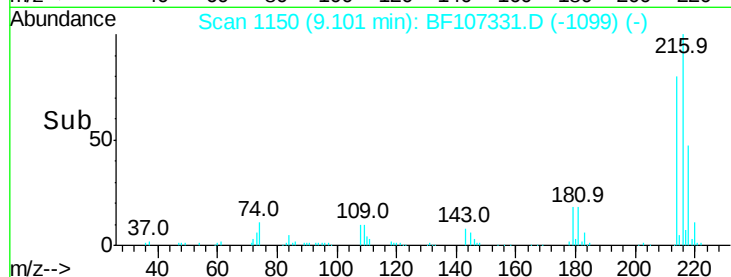
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

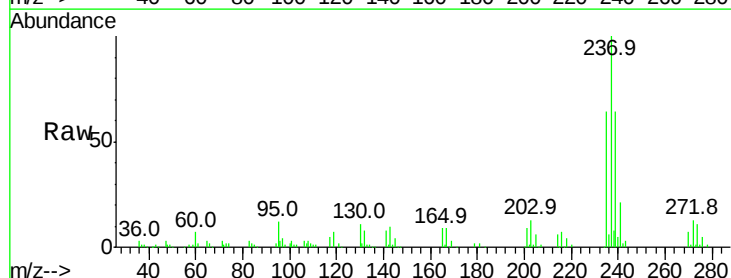
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40  
 Hexachlorocyclopentadiene  
 Concen: 36.992 ng  
 RT: 9.08 min Scan# 1146  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 64.2  | 44.8       | 84.8  |
| 272     | 13.5  | 0.0        | 33.3  |

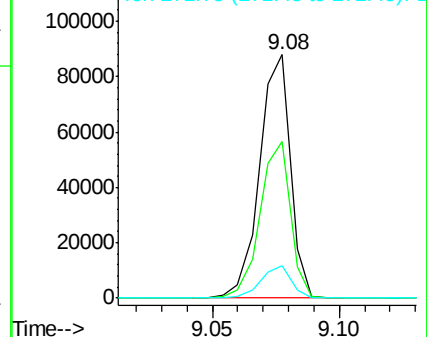
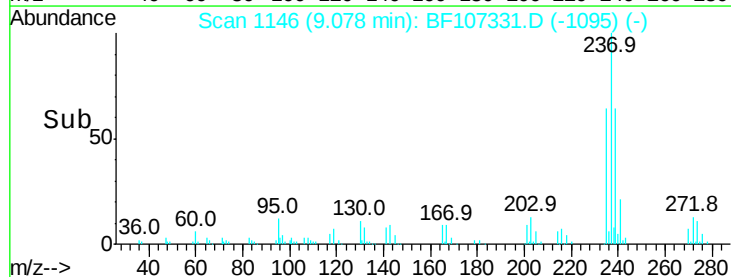


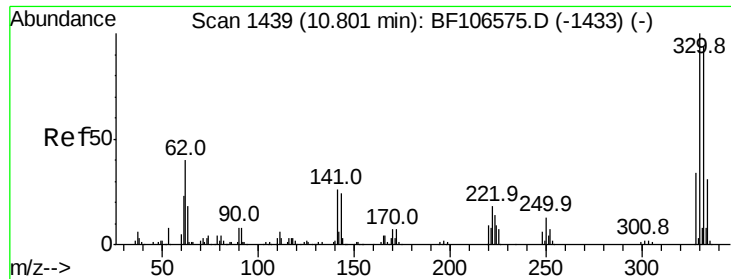
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





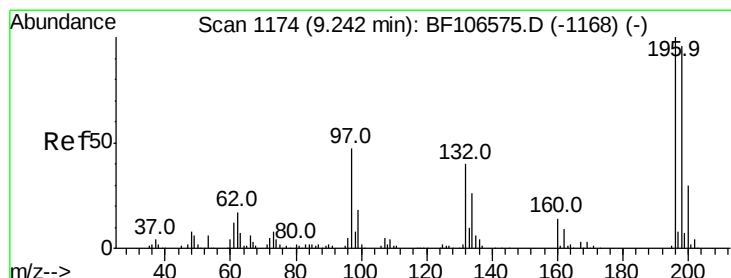
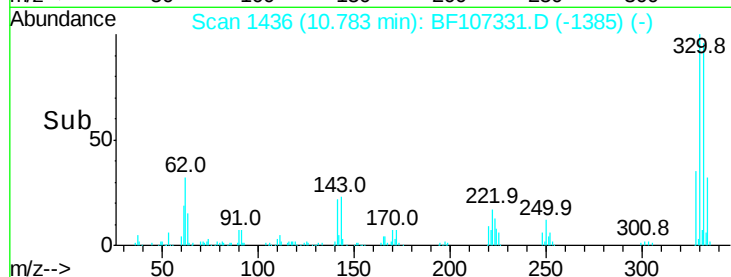
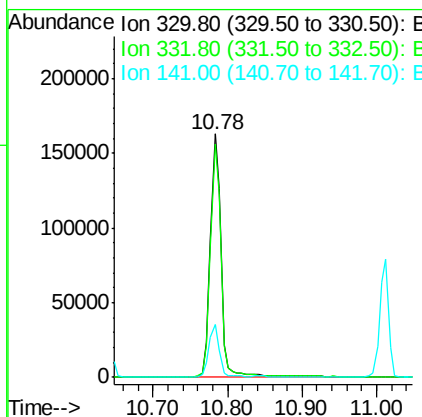
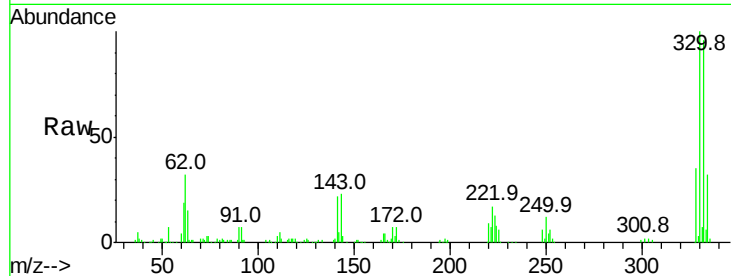
#41  
 2,4,6-Tribromophenol  
 Concen: 122.621 ng  
 RT: 10.78 min Scan# 1436  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 166274 |       |       |
| 332     | 95.8  | 77.0   | 115.6 |       |
| 141     | 21.3  | 29.9   | 44.9  |       |

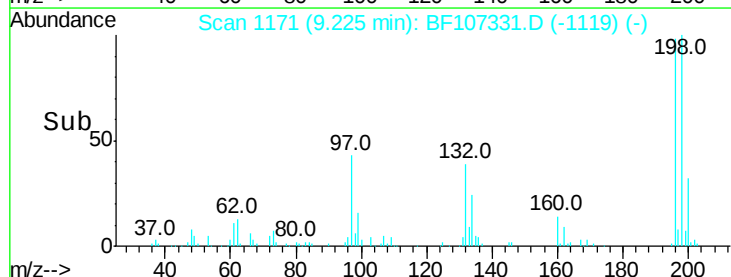
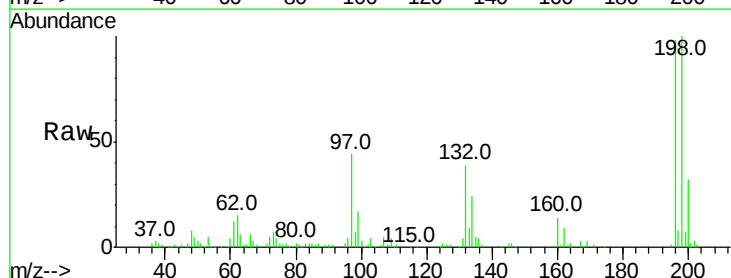
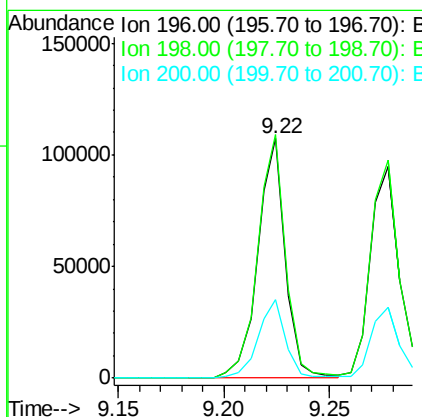
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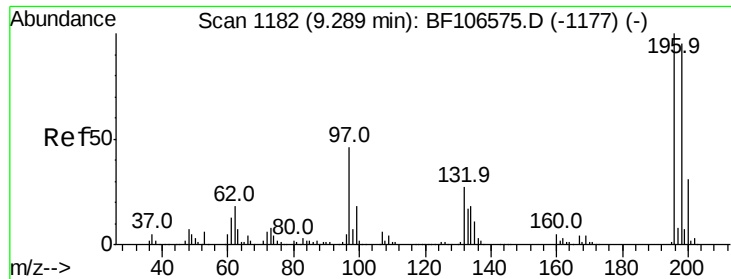
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#42  
 2,4,6-Trichlorophenol  
 Concen: 37.282 ng  
 RT: 9.22 min Scan# 1171  
 Delta R.T. 0.01 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 97642 |       |       |
| 198     | 101.7 | 75.7  | 113.5 |       |
| 200     | 32.9  | 24.5  | 36.7  |       |





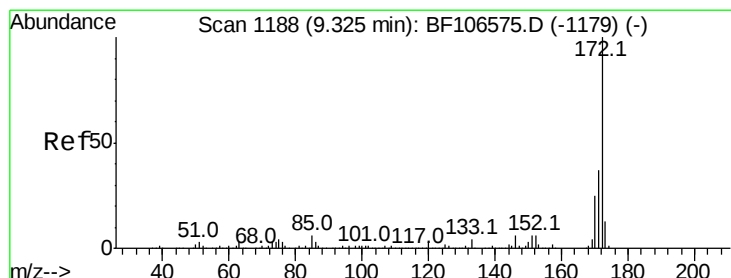
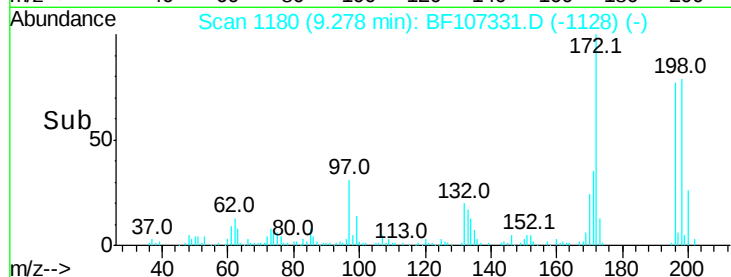
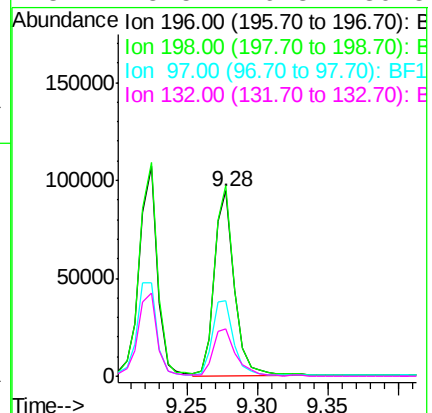
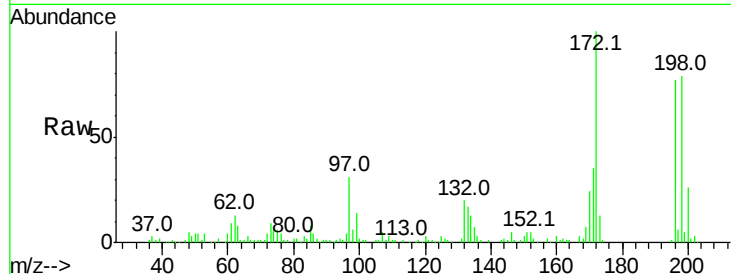
#43  
 2,4,5-Trichlorophenol  
 Concen: 34.022 ng  
 RT: 9.28 min Scan# 1180  
 Delta R.T. 0.01 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 92978 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 102.8 | 74.6  | 112.0 |
| 97        | 40.7  | 42.9  | 64.3# |
| 132       | 25.5  | 26.3  | 39.5# |

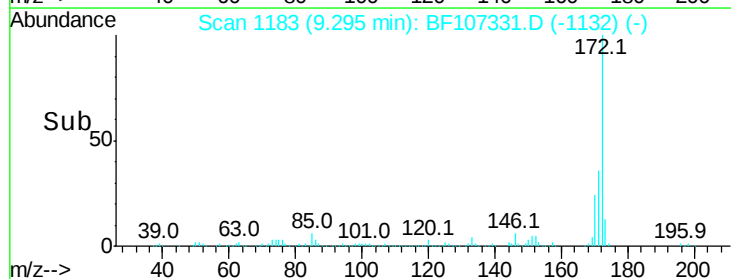
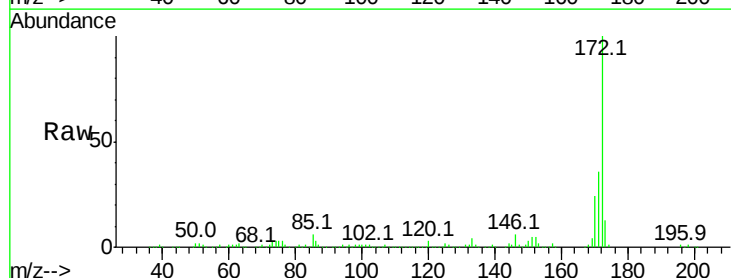
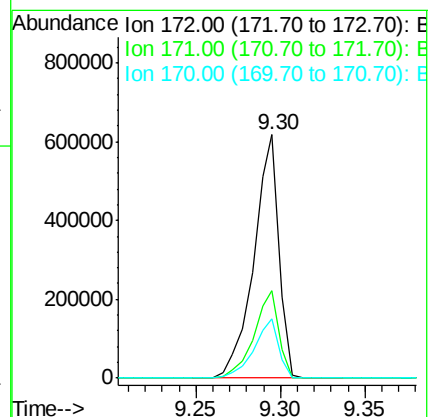
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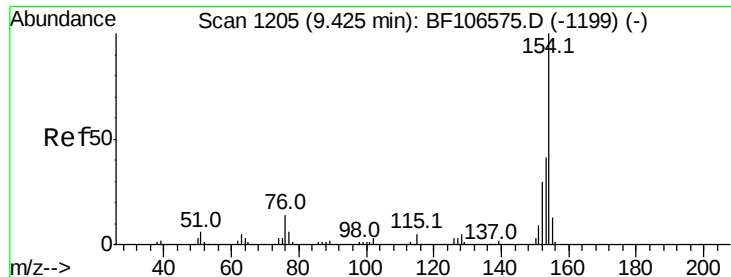
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#44  
 2-Fluorobiphenyl  
 Concen: 93.788 ng  
 RT: 9.30 min Scan# 1183  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 637725 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.8  | 29.7  | 44.5   |
| 170       | 24.3  | 19.6  | 29.4   |





#45

1,1'-Biphenyl

Concen: 44.207 ng

RT: 9.40 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

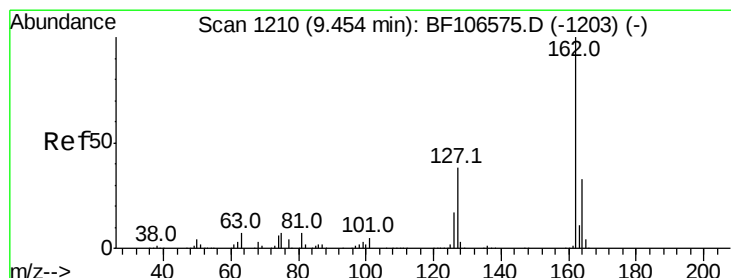
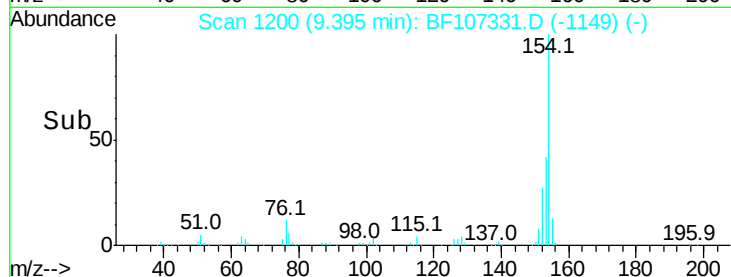
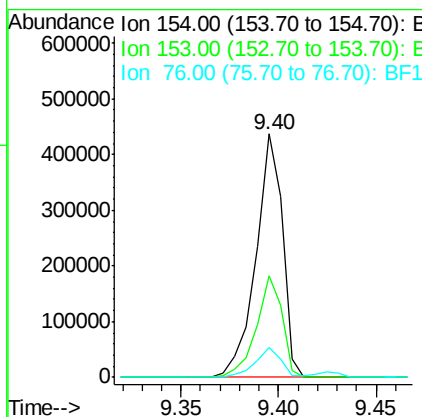
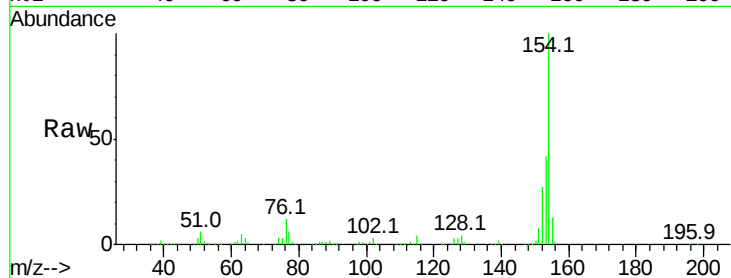
ClientSampleId :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 412187 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.6  | 21.3  | 61.3   |
| 76        | 12.3  | 0.0   | 34.0   |

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#46

2-Chloronaphthalene

Concen: 41.024 ng

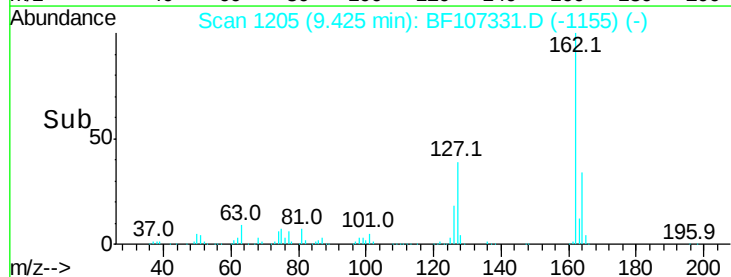
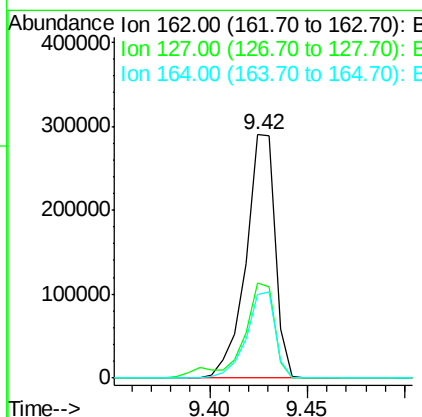
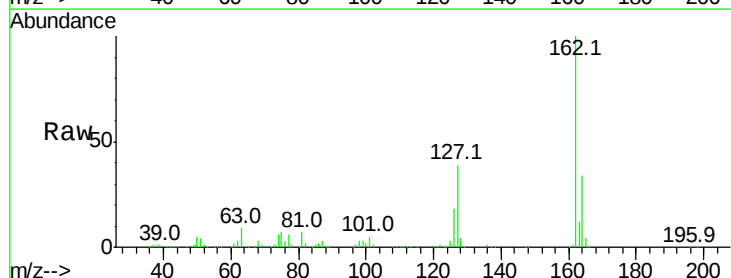
RT: 9.42 min Scan# 1205

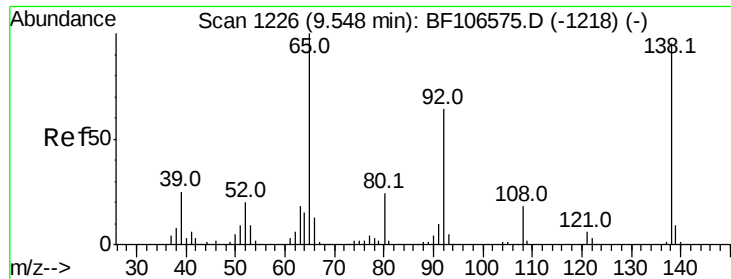
Delta R.T. -0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 301088 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.2  | 33.9  | 50.9   |
| 164       | 34.3  | 26.5  | 39.7   |





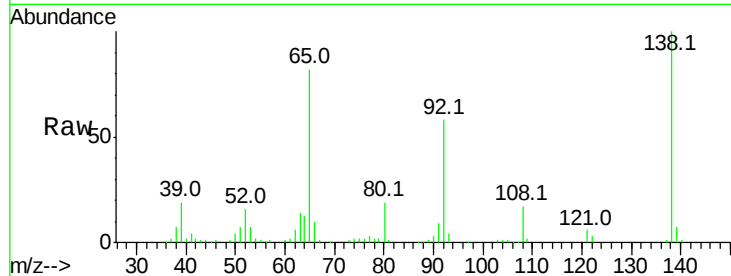
#47  
2-Nitroaniline  
Concen: 36.158 ng  
RT: 9.54 min Scan# 1224  
Delta R.T. 0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

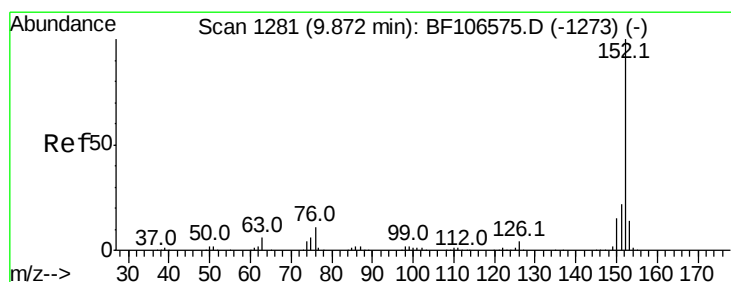
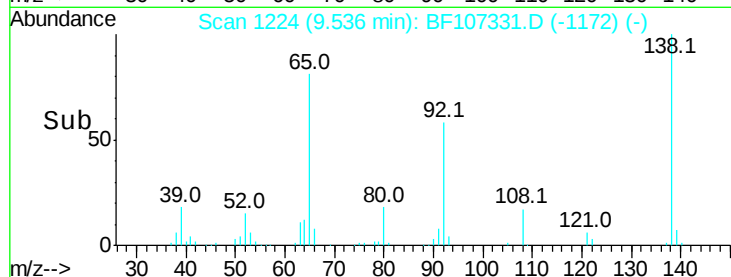
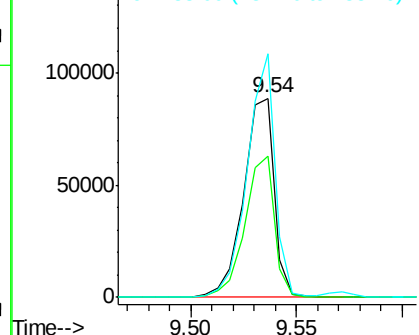
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.7  | 55.8  | 83.6  |
| 138     | 122.4 | 91.2  | 136.8 |

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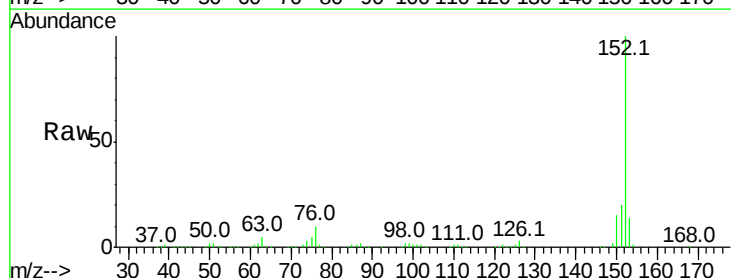


Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

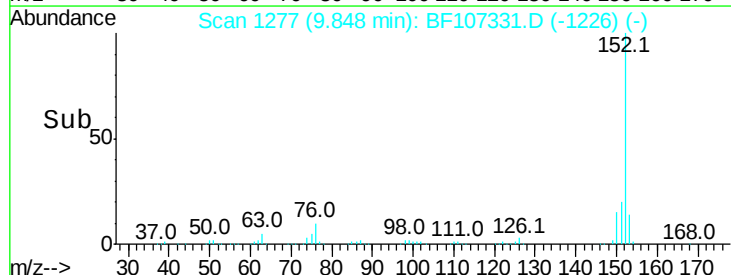
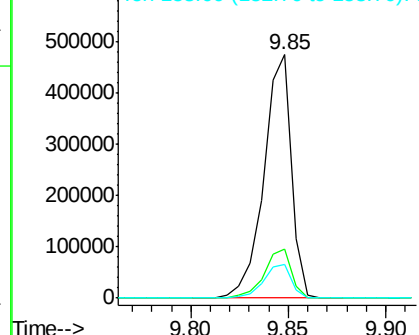


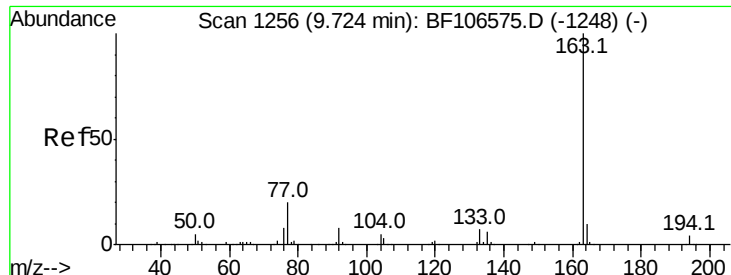
#48  
Acenaphthylene  
Concen: 40.009 ng  
RT: 9.85 min Scan# 1277  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.3  | 24.5  |
| 153     | 13.8  | 10.7  | 16.1  |



Abundance Ion 152.00 (151.70 to 152.70): BF1  
Ion 151.00 (150.70 to 151.70): BF1  
Ion 153.00 (152.70 to 153.70): BF1





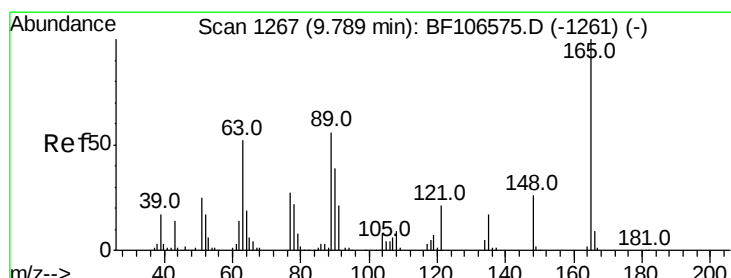
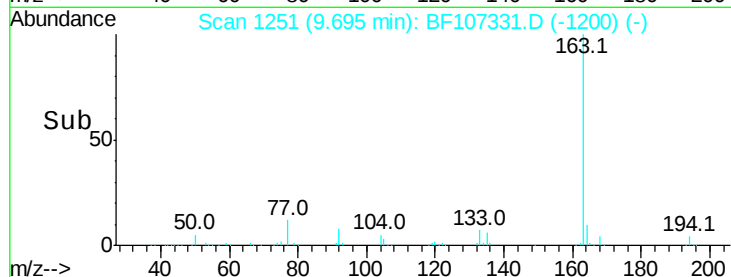
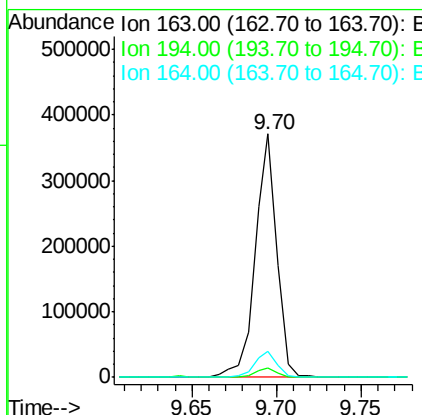
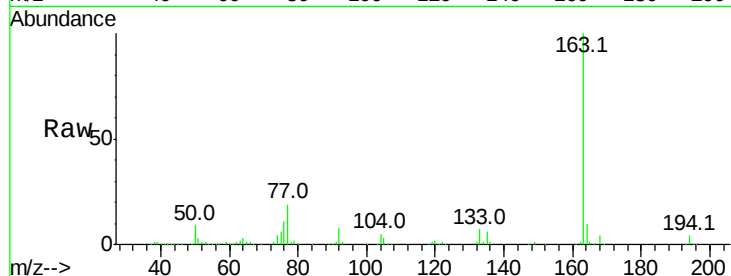
#49  
Dimethylphthalate  
Concen: 37.457 ng  
RT: 9.70 min Scan# 1251  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.8   | 2.7  | 4.1   |       |
| 164     | 10.5  | 8.2  | 12.2  |       |

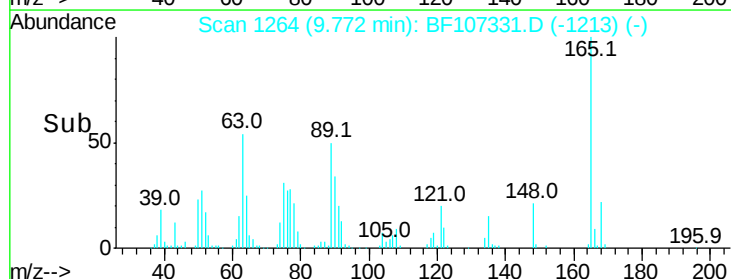
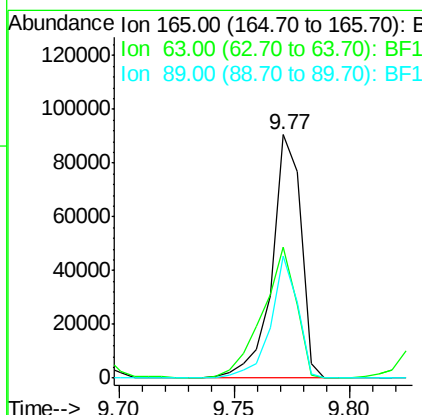
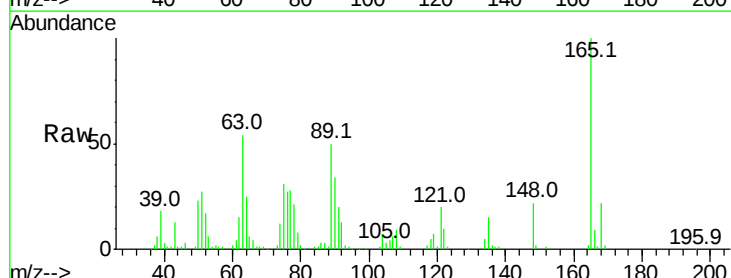
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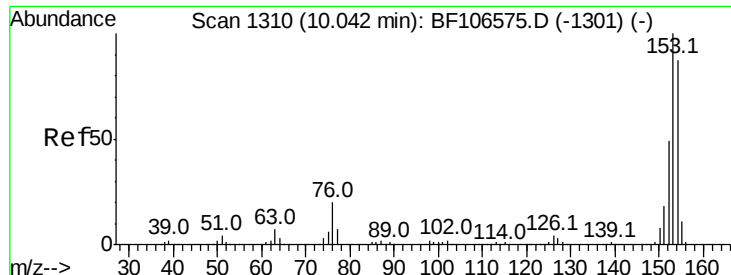
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#50  
2,6-Dinitrotoluene  
Concen: 42.047 ng  
RT: 9.77 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 53.8  | 44.7 | 67.1  |       |
| 89      | 50.2  | 44.0 | 66.0  |       |





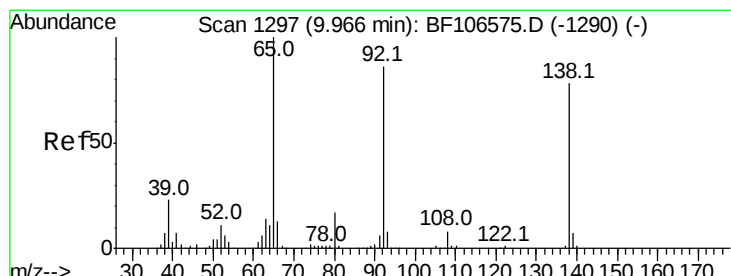
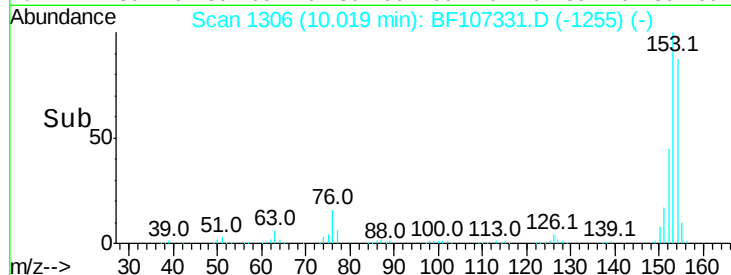
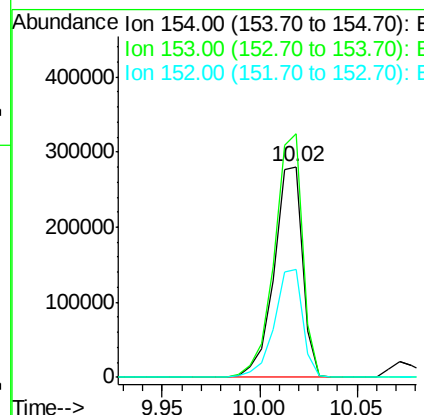
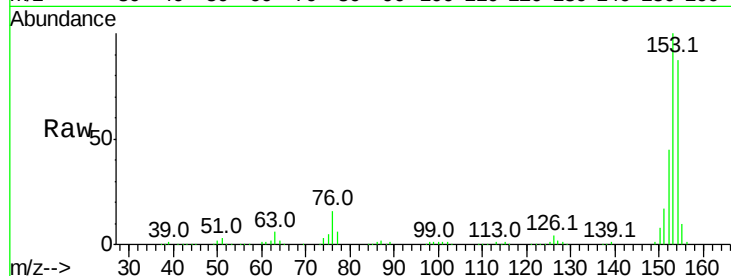
#51  
Acenaphthene  
Concen: 39.001 ng  
RT: 10.02 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.6 | 91.2  | 136.8 |
| 152     | 51.5  | 43.8  | 65.8  |

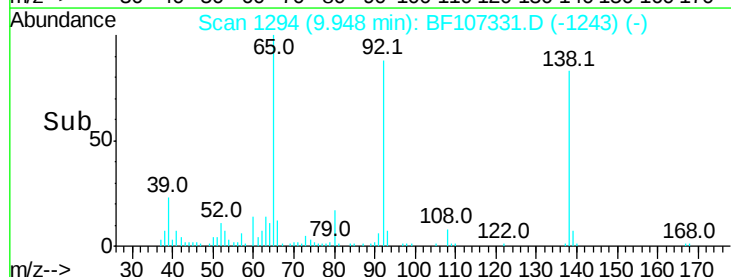
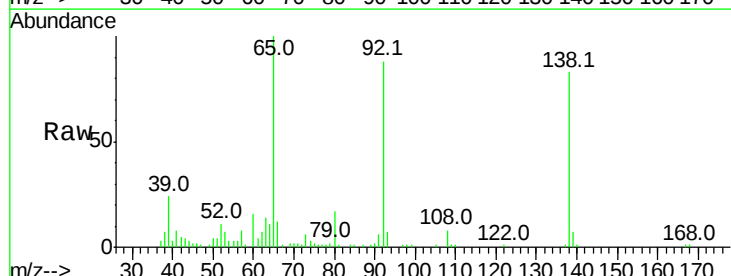
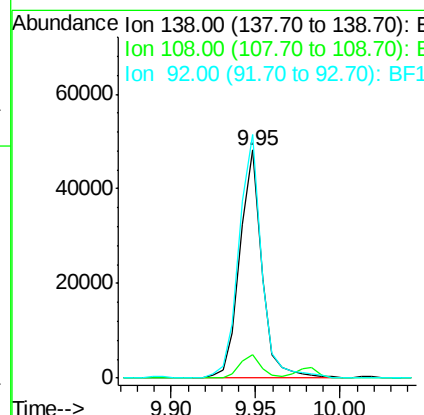
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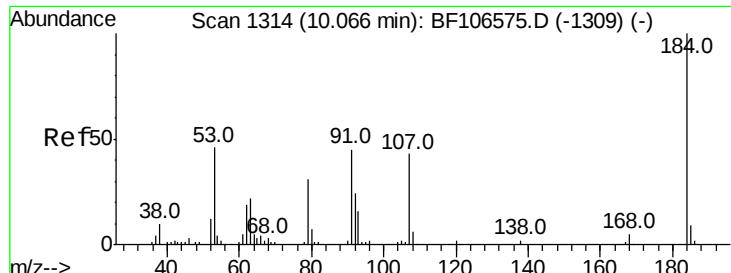
Sohil  
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#52  
3-Nitroaniline  
Concen: 20.526 ng  
RT: 9.95 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 9.4   | 14.0  |
| 92      | 106.8 | 89.4  | 134.2 |





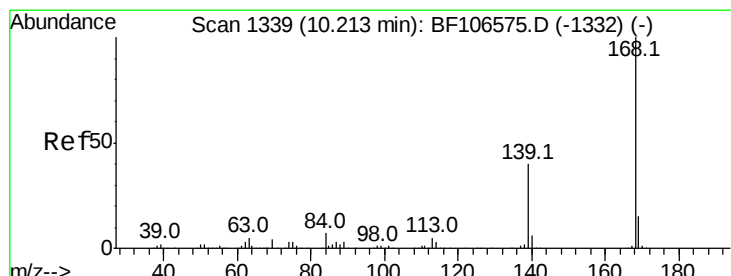
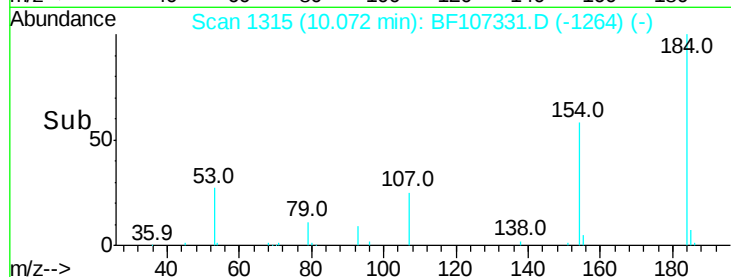
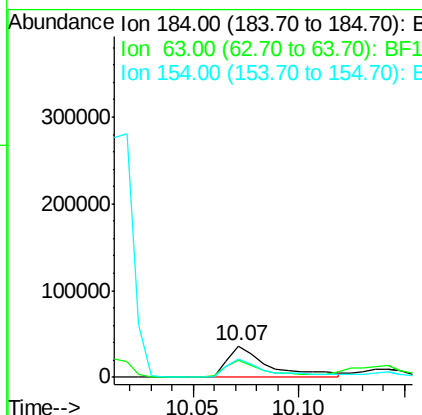
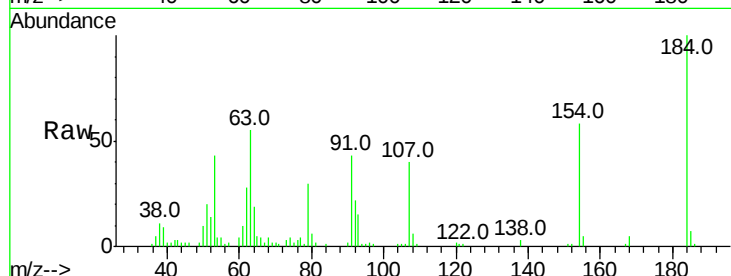
#53  
2,4-Dinitrophenol  
Concen: 52.137 ng  
RT: 10.07 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

Tot Ion:184 Resp: 48438  
Ion Ratio Lower Upper  
184 100  
63 54.7 54.2 81.2  
154 58.2 184.0 276.0#

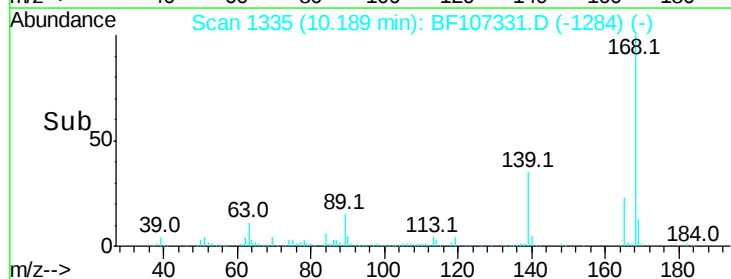
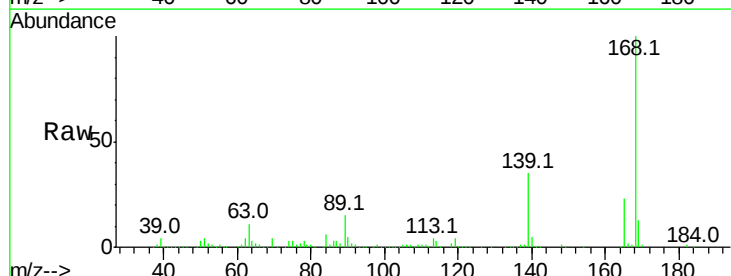
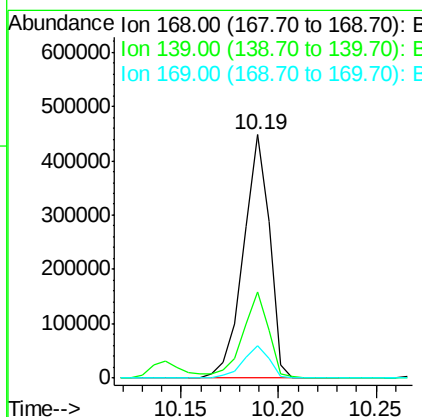
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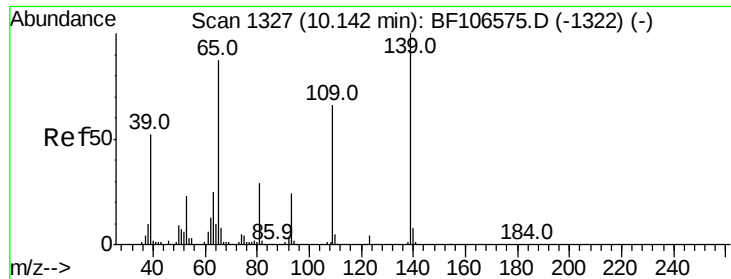
Sohil  
7/13/2018 11:17:07 AM



#54  
Dibenzofuran  
Concen: 41.681 ng  
RT: 10.19 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Tgt Ion:168 Resp: 416451  
Ion Ratio Lower Upper  
168 100  
139 35.3 30.1 45.1  
169 13.1 10.9 16.3





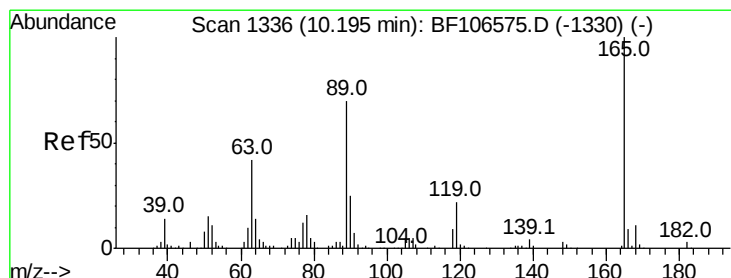
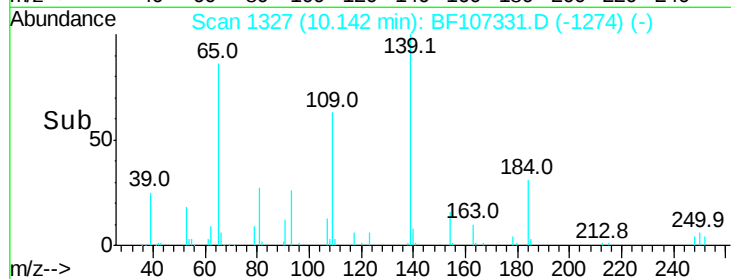
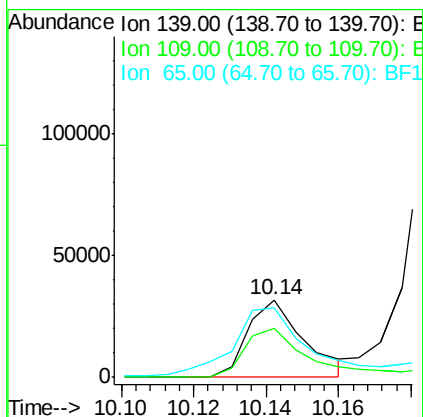
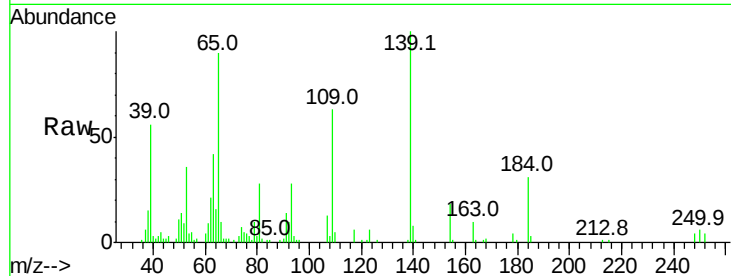
#55  
4-Nitrophenol  
Concen: 22.935 ng  
RT: 10.14 min Scan# 1327  
Delta R.T. 0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 62.8  | 48.4  | 88.4  |
| 65      | 90.2  | 72.6  | 112.6 |

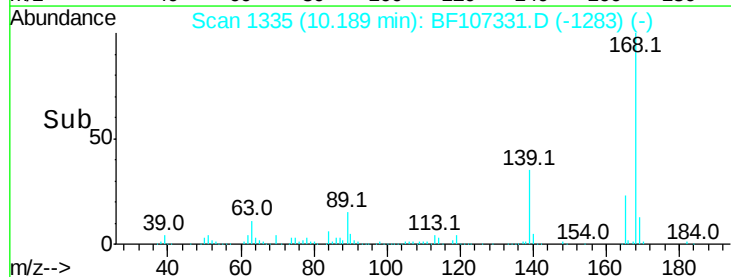
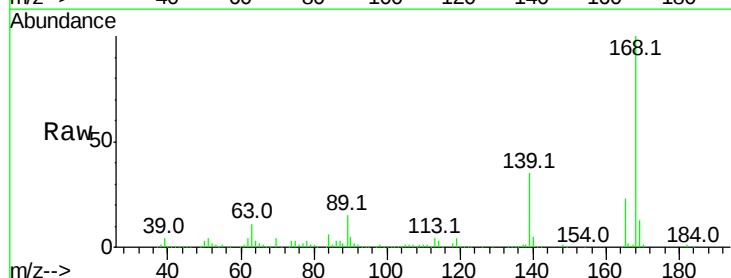
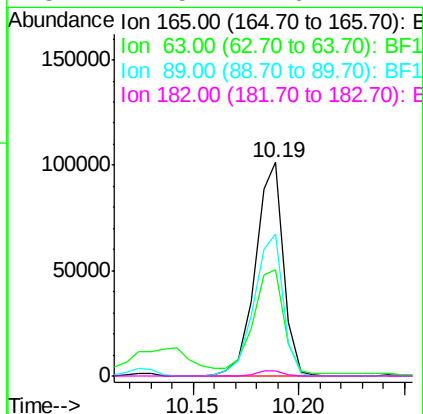
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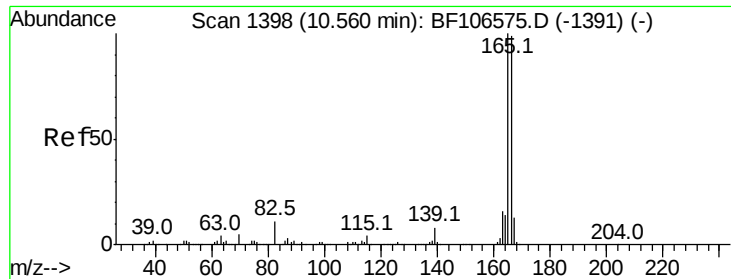
Sohil  
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#56  
2,4-Dinitrotoluene  
Concen: 38.410 ng  
RT: 10.19 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.9  | 36.4  | 54.6  |
| 89      | 66.6  | 57.8  | 86.6  |
| 182     | 2.5   | 1.6   | 2.4#  |





#57

Fluorene

Concen: 42.544 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

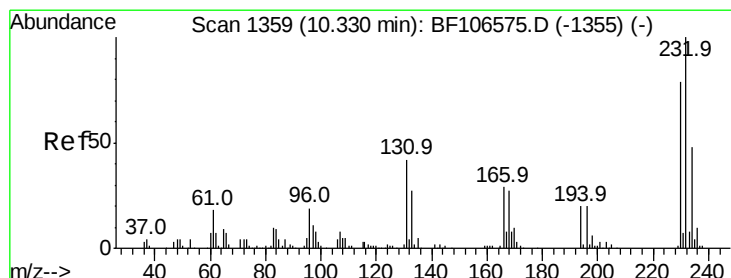
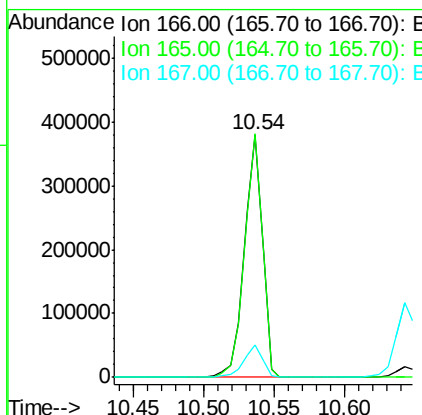
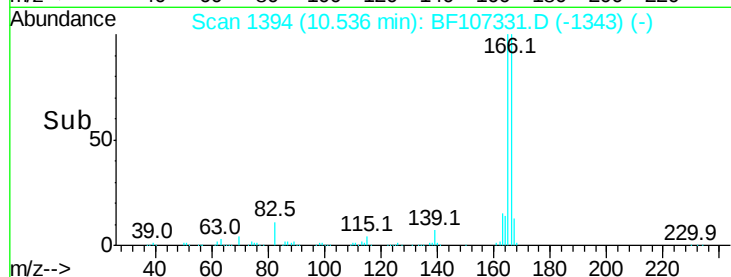
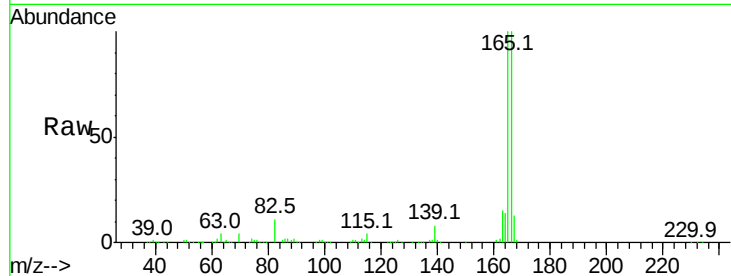
ClientSampled :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 337305 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 100.3 | 79.8  | 119.8  |
| 167       | 13.5  | 10.6  | 16.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.341 ng

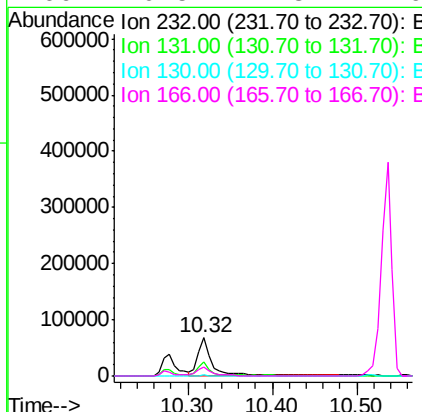
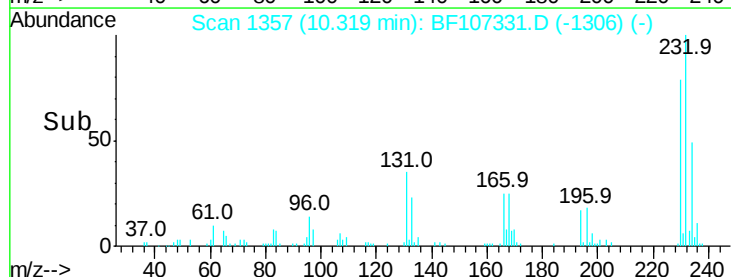
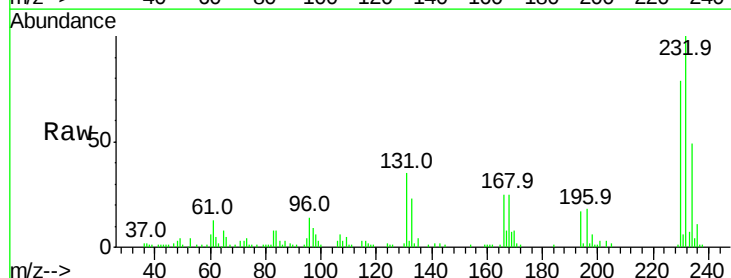
RT: 10.32 min Scan# 1357

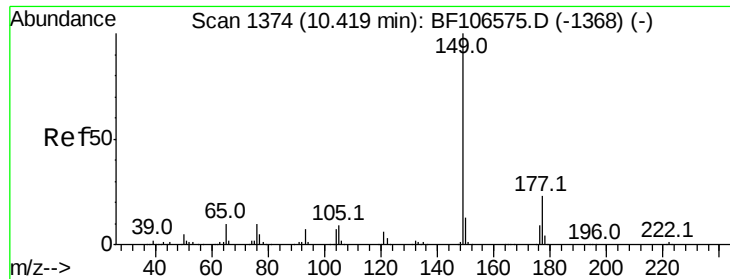
Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 76773 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 30.5  | 43.8  | 65.8# |
| 130       | 1.3   | 2.1   | 3.1#  |
| 166       | 20.5  | 27.8  | 41.6# |





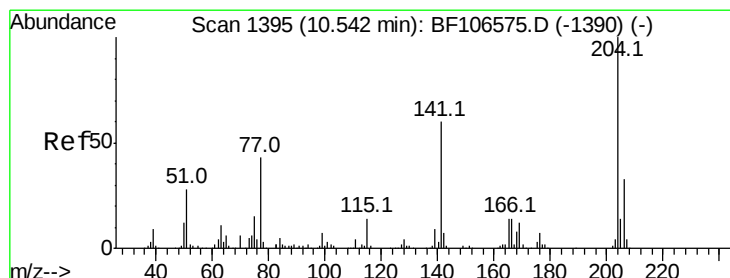
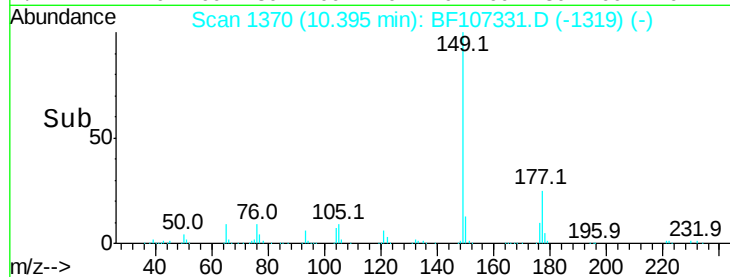
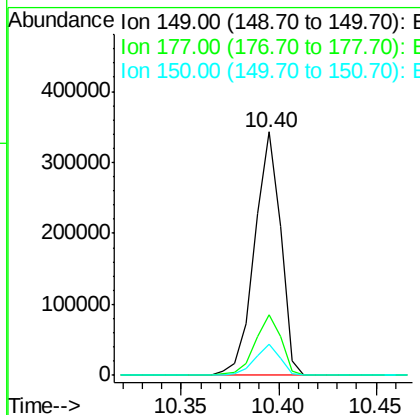
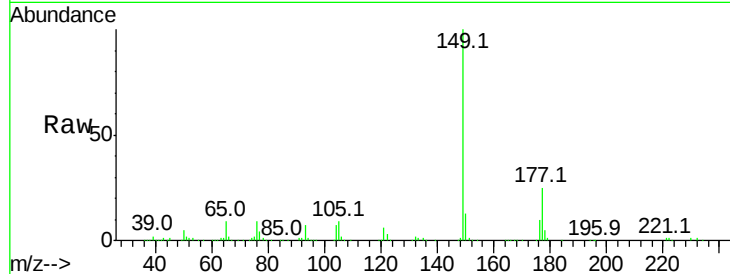
#59  
 Diethylphthalate  
 Concen: 37.484 ng  
 RT: 10.40 min Scan# 1370  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 317457 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 25.1  | 16.1  | 24.1#  |
| 150       | 12.5  | 10.1  | 15.1   |

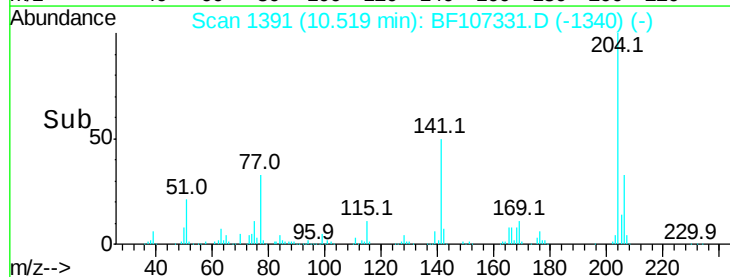
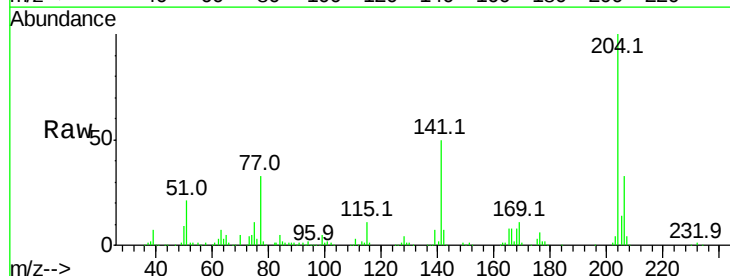
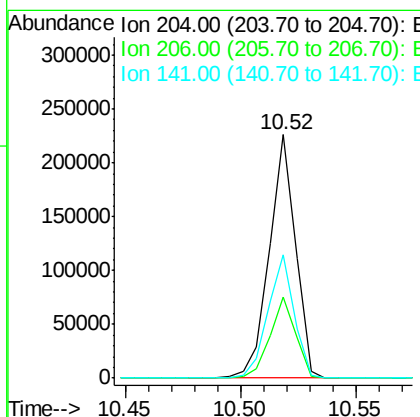
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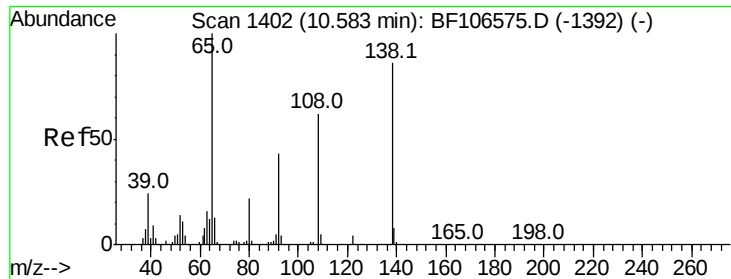
Sohil  
 7/13/2018 11:17:07 AM



#60  
 4-Chlorophenyl-phenylether  
 Concen: 42.893 ng  
 RT: 10.52 min Scan# 1391  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 177936 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.4  | 26.5  | 39.7   |
| 141       | 50.5  | 54.6  | 81.8#  |





#61

4-Nitroaniline

Concen: 29.279 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

ClientSampleId :

PB110986BS

Tot Ion:138 Resp: 62131

Ion Ratio Lower Upper

138 100

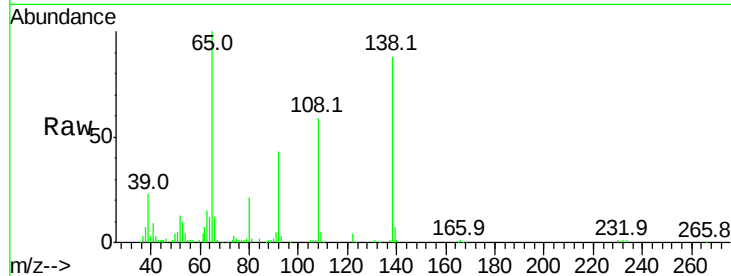
92 48.7 30.2 70.2

108 66.9 52.5 92.5

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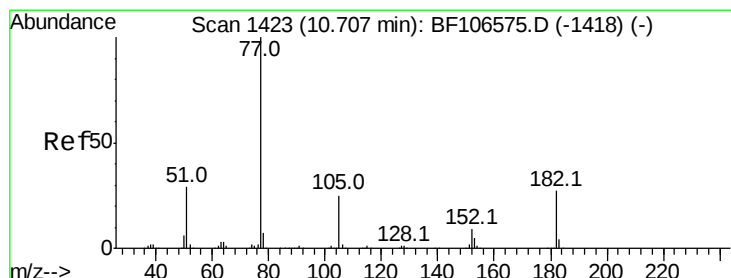
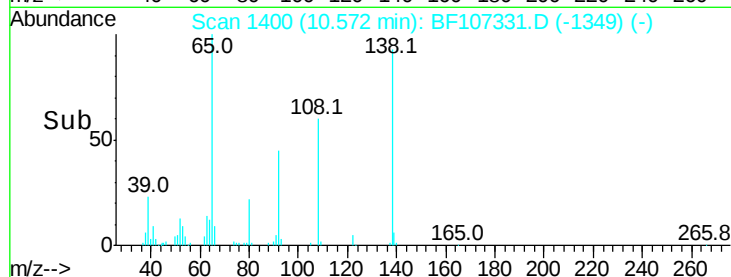
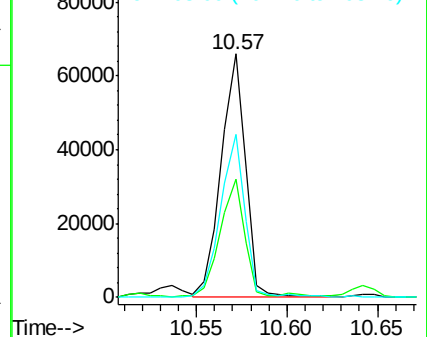
7/13/2018 11:17:07 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.445 ng

RT: 10.68 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Tgt Ion: 77 Resp: 312288

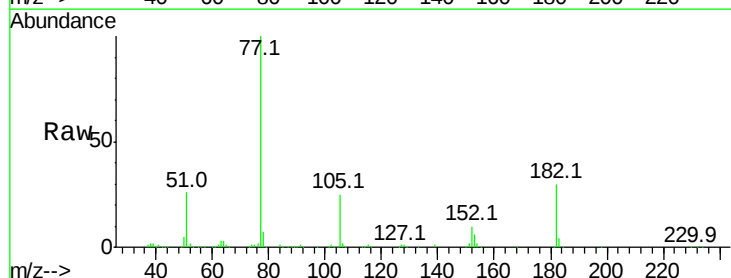
Ion Ratio Lower Upper

77 100

182 29.6 1.7 41.7

105 24.7 3.0 43.0

51 26.1 9.9 49.9

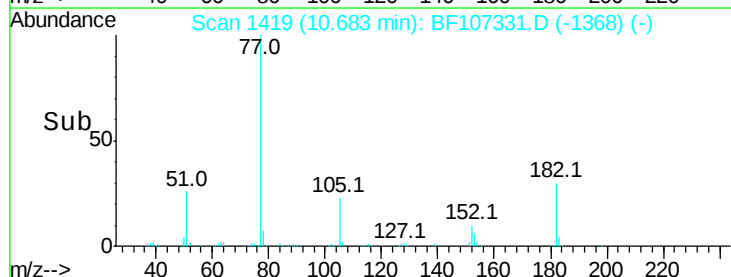
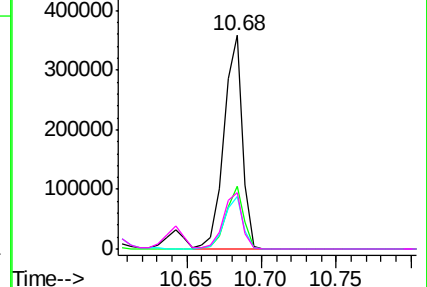


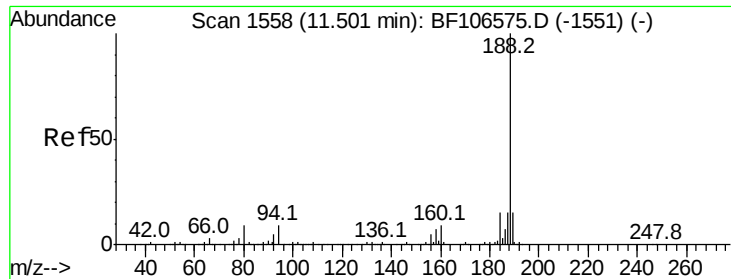
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





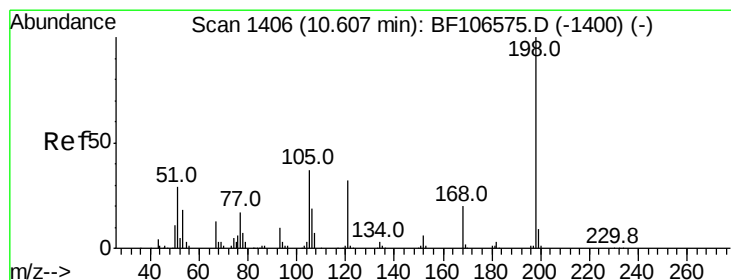
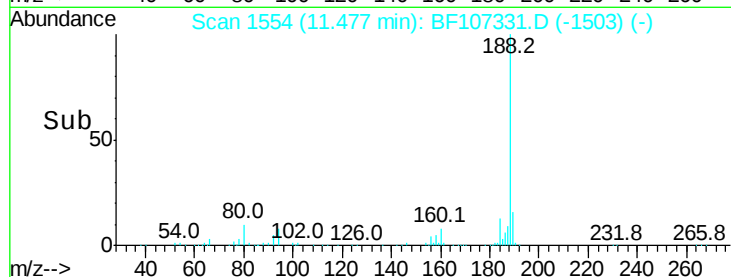
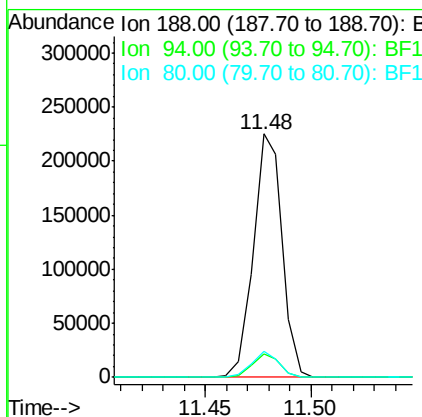
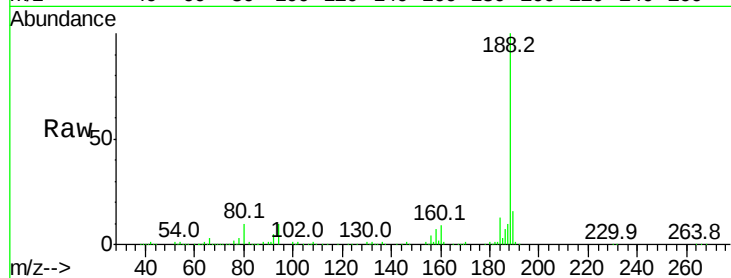
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.48 min Scan# 1554  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 9.6   | 8.5        | 12.7  |
| 80      | 10.5  | 9.2        | 13.8  |

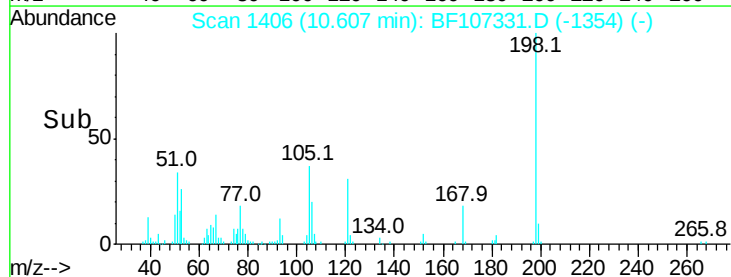
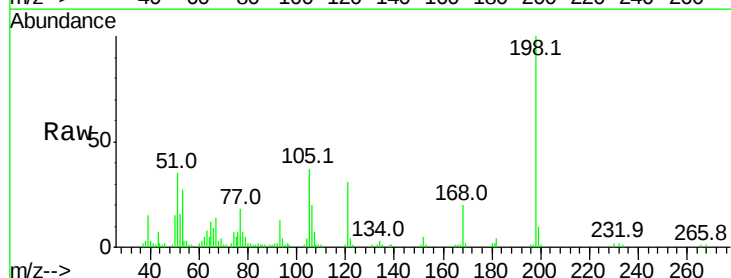
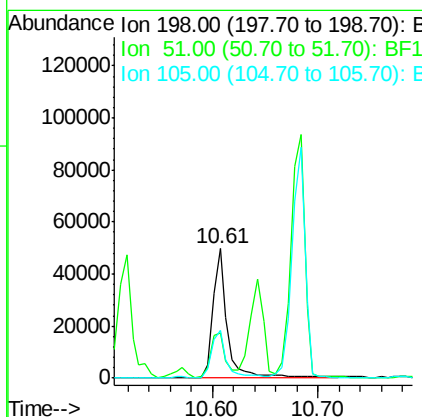
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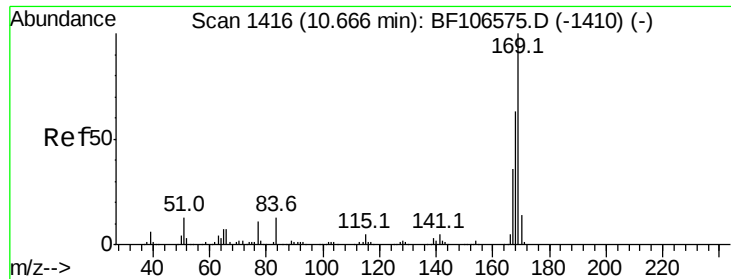
Sohil  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 37.069 ng  
RT: 10.61 min Scan# 1406  
Delta R.T. 0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 34.8  | 37.7       | 77.7# |
| 105     | 36.6  | 36.3       | 76.3  |





#65

n-Nitrosodiphenylamine

Concen: 40.075 ng

RT: 10.64 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

ClientSampleId :

PB110986BS

Tot Ion:169 Resp: 286468

Ion Ratio Lower Upper

169 100

168 68.4 54.4 81.6

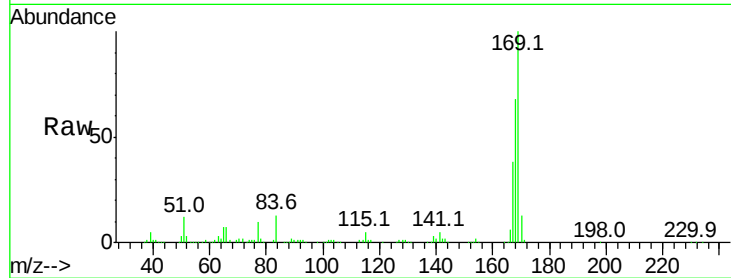
167 37.5 29.8 44.6

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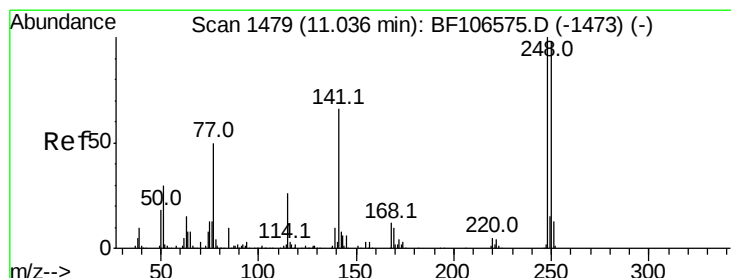
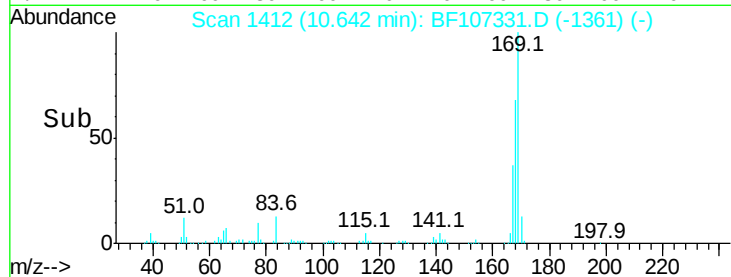
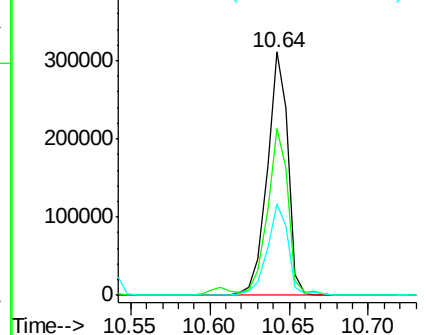
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.064 ng

RT: 11.01 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

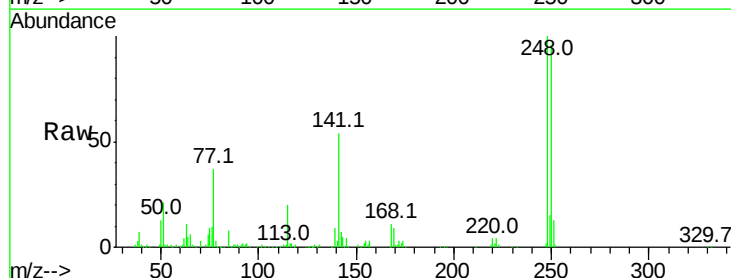
Tgt Ion:248 Resp: 116835

Ion Ratio Lower Upper

248 100

250 96.4 76.9 115.3

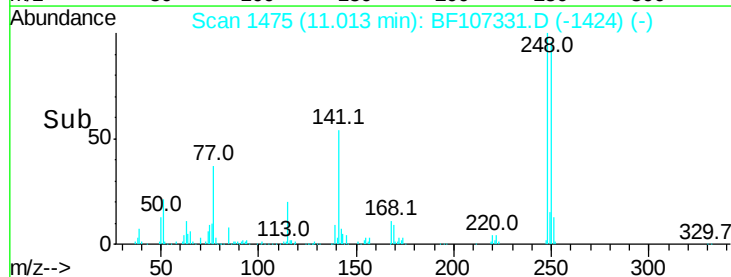
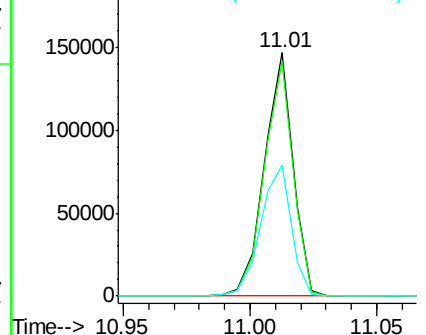
141 53.9 74.4 111.6#

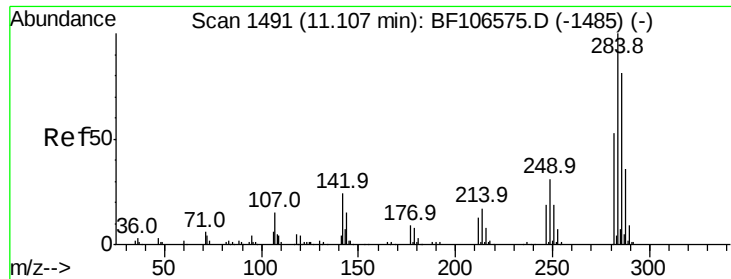


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





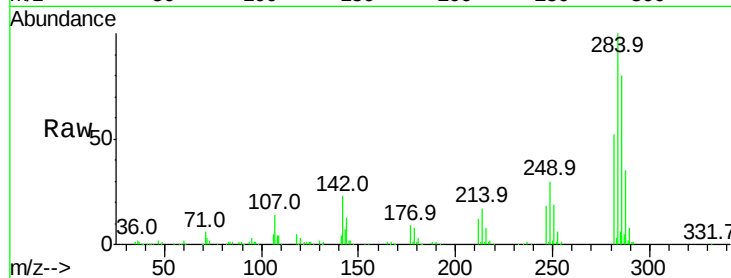
#67  
Hexachlorobenzene  
Concen: 46.718 ng  
RT: 11.09 min Scan# 1488  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

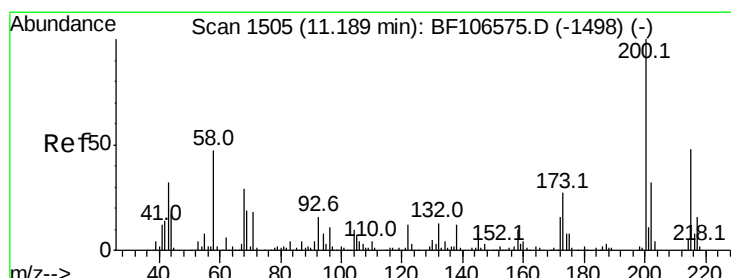
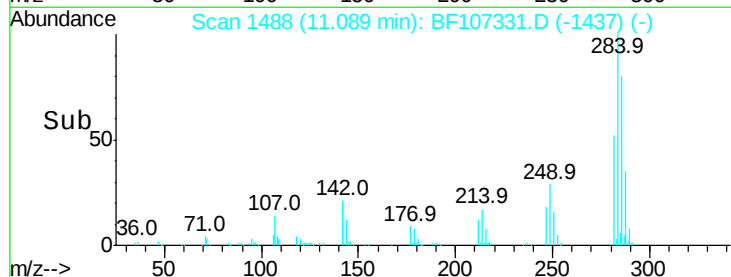
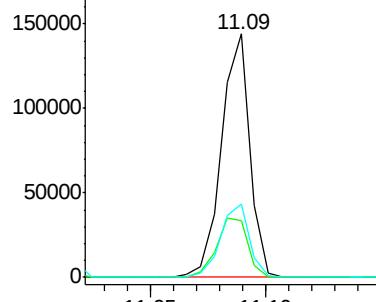
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 23.4  | 34.6 | 52.0  |       |
| 249     | 30.1  | 24.8 | 37.2  |       |

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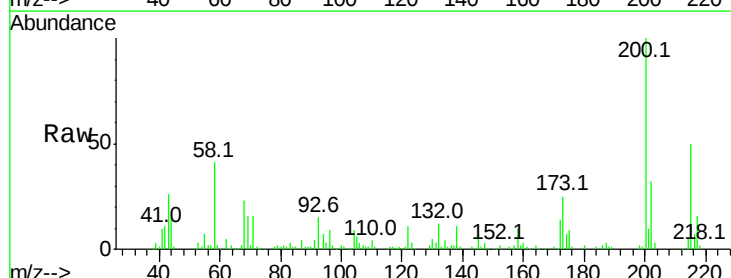


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

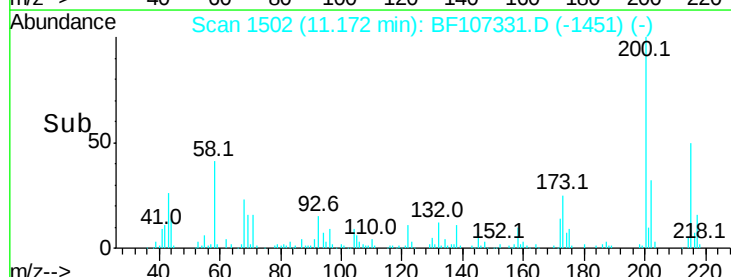
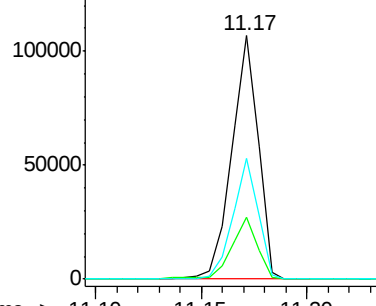


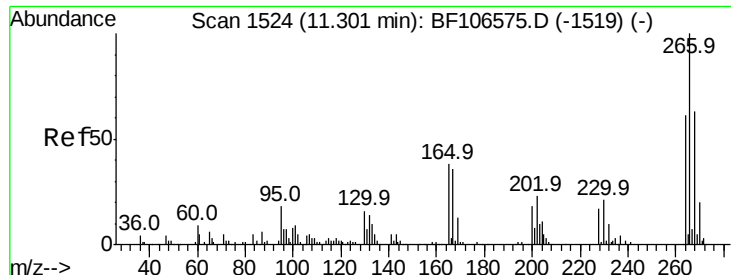
#68  
Atrazine  
Concen: 40.930 ng  
RT: 11.17 min Scan# 1502  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 25.2  | 8.6  | 48.6  |       |
| 215     | 49.7  | 25.1 | 65.1  |       |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





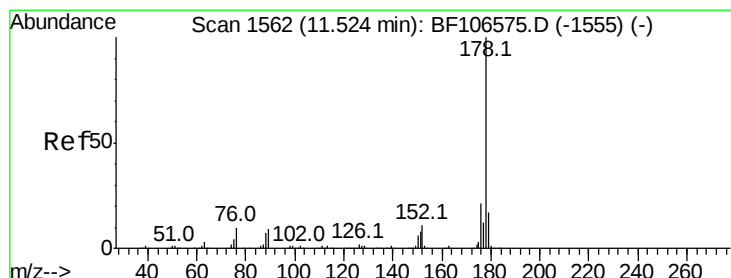
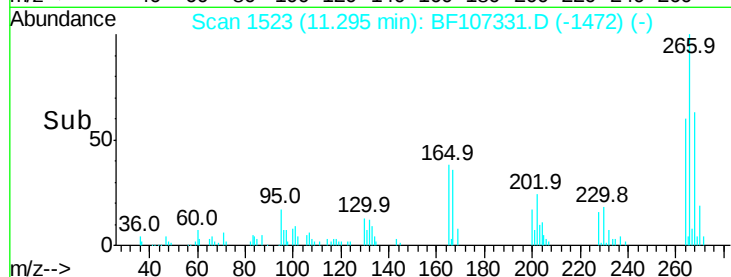
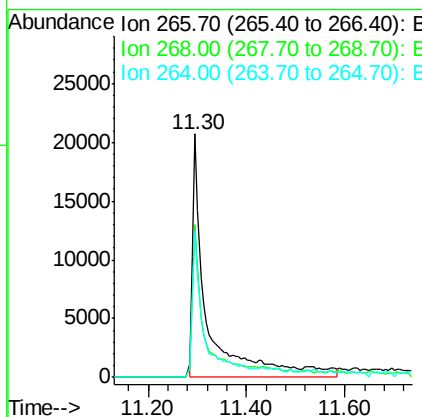
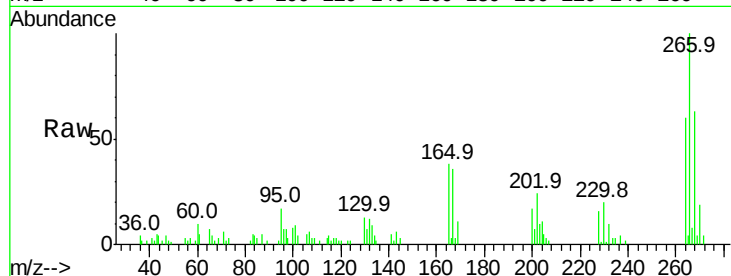
#69  
 Pentachlorophenol  
 Concen: 33.203 ng/mL  
 RT: 11.30 min Scan# 1523  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.9  | 51.1  | 76.7  |
| 264     | 60.3  | 49.5  | 74.3  |

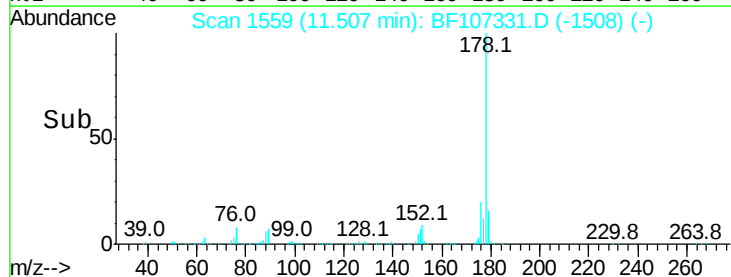
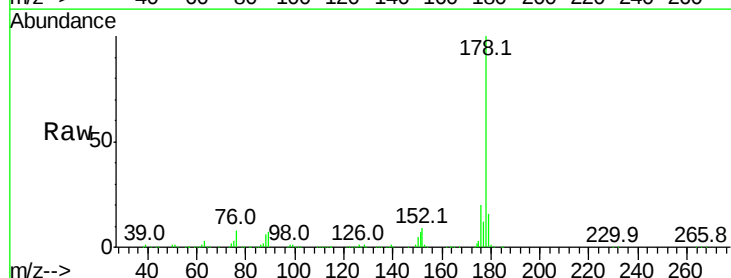
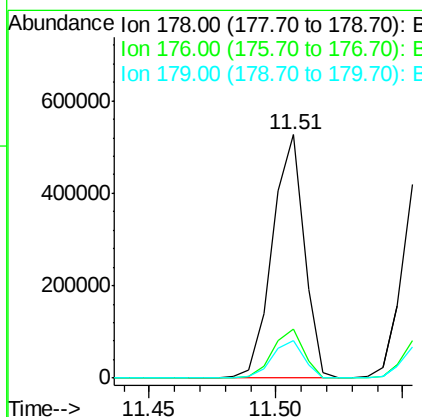
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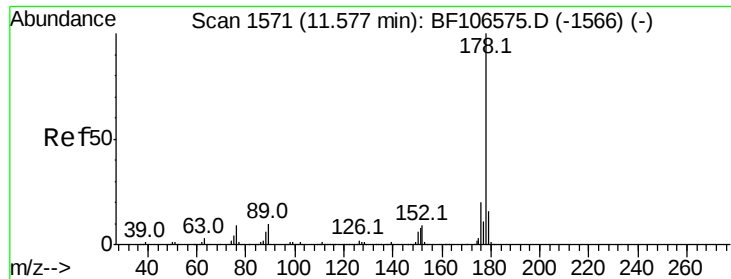
Sohil  
 7/13/2018 11:17:07 AM



#70  
 Phenanthrene  
 Concen: 44.660 ng/mL  
 RT: 11.51 min Scan# 1559  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 15.8  | 23.8  |
| 179     | 15.6  | 13.0  | 19.6  |





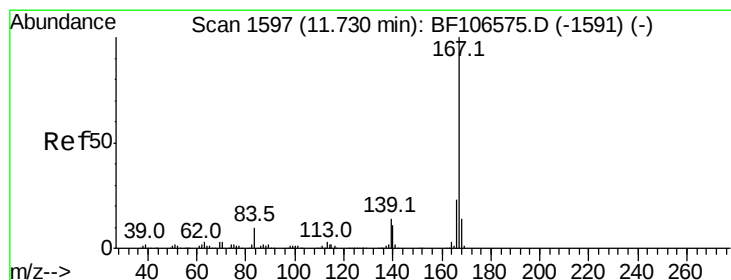
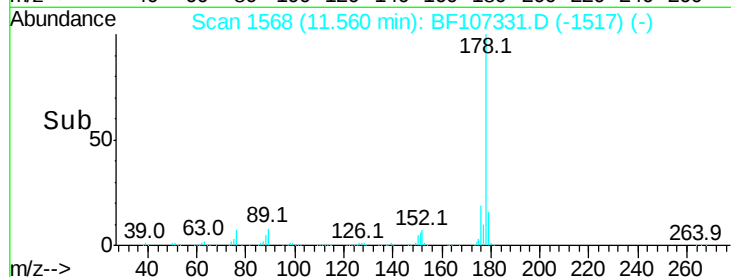
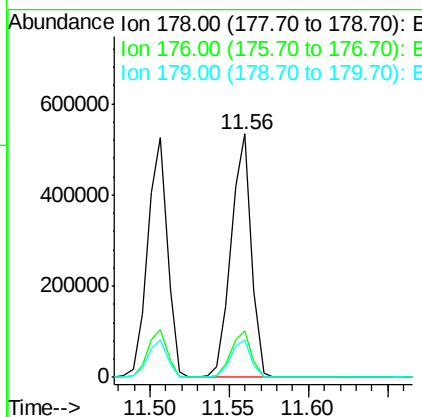
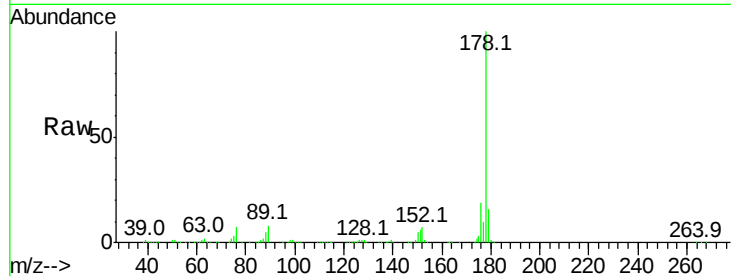
#71  
 Anthracene  
 Concen: 45.185 ng  
 RT: 11.56 min Scan# 1568  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.4  | 23.2  |
| 179     | 15.5  | 12.6  | 19.0  |

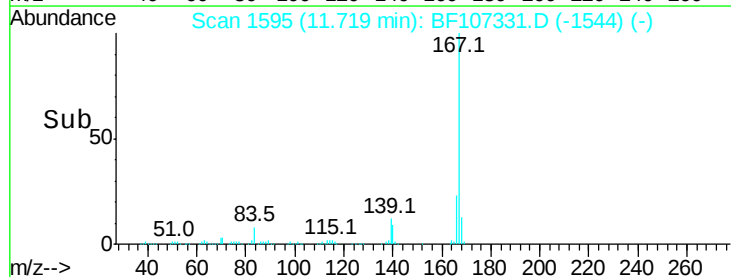
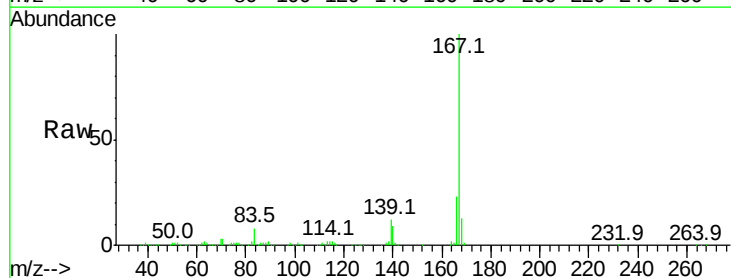
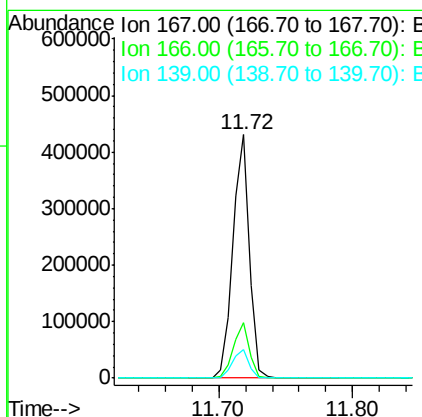
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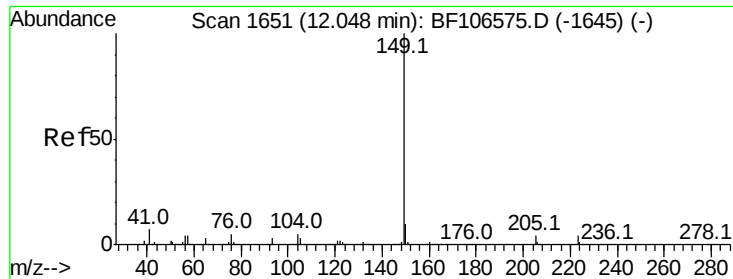
Sohil  
 7/13/2018 11:17:07 AM



#72  
 Carbazole  
 Concen: 38.142 ng  
 RT: 11.72 min Scan# 1595  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.6  | 17.6  | 26.4  |
| 139     | 11.8  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 38.566 ng

RT: 12.02 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

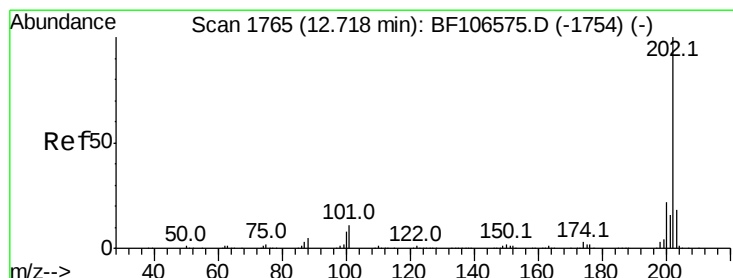
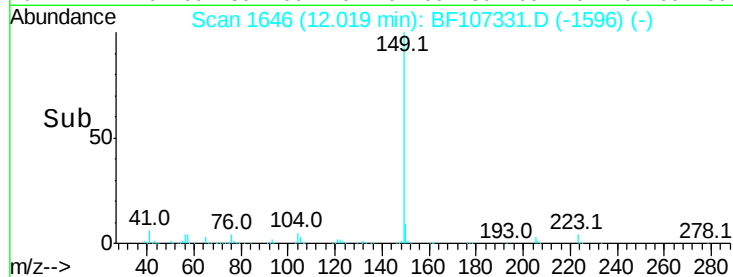
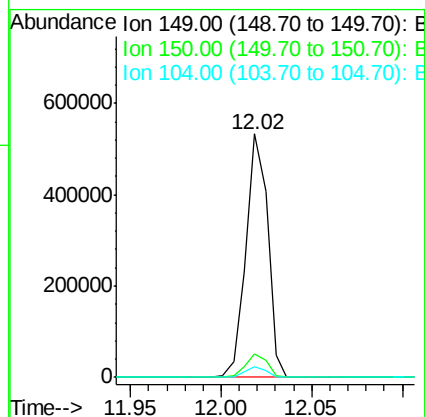
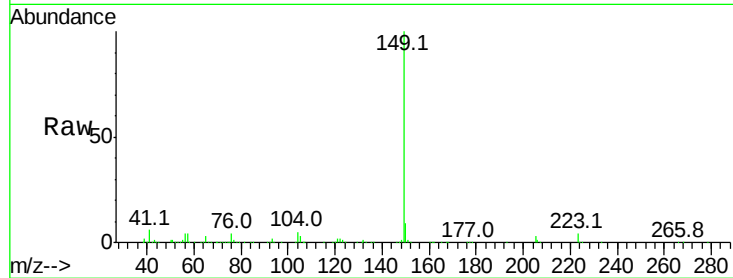
ClientSampleId :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 445065 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 7.8   | 11.6   |
| 104       | 4.6   | 3.8   | 5.8    |

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#74

Fluoranthene

Concen: 39.960 ng

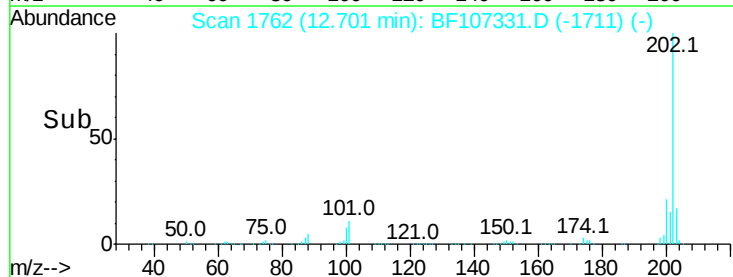
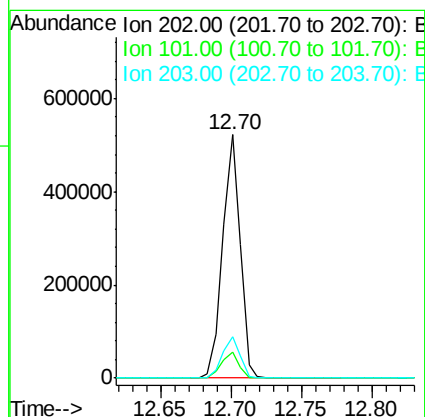
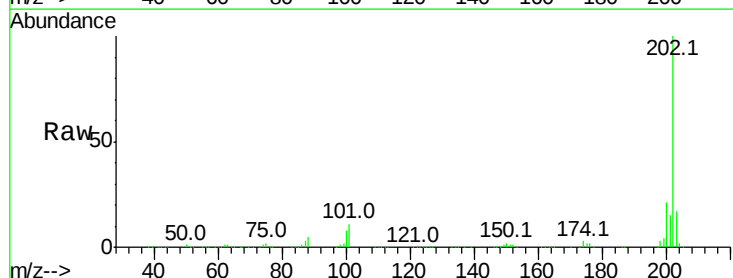
RT: 12.70 min Scan# 1762

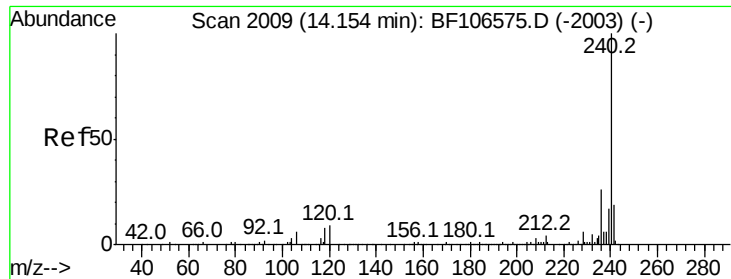
Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 451478 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.5  | 0.0   | 34.1   |
| 203       | 17.2  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

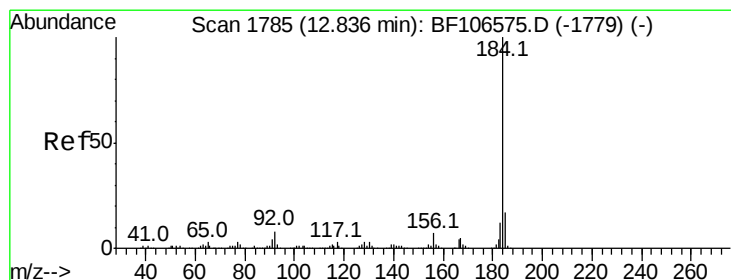
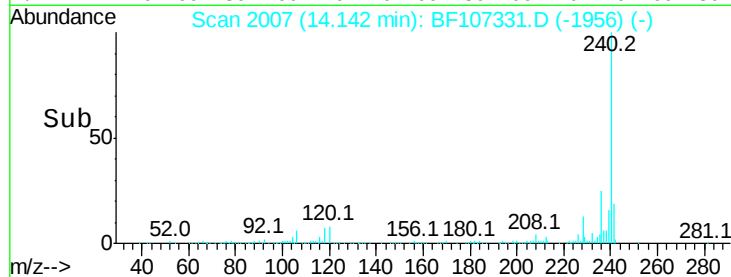
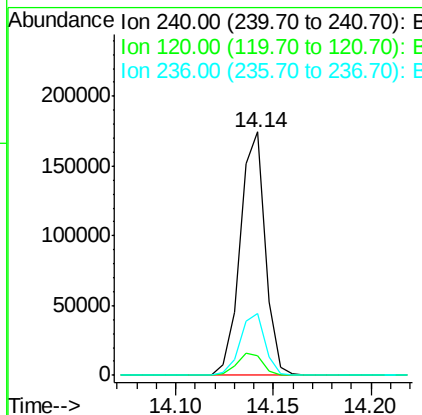
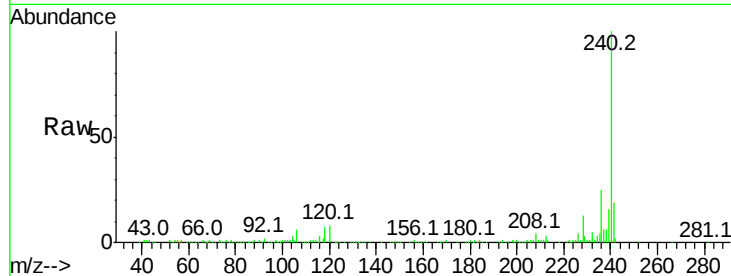
ClientSampleId :

PB110986BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 240     | 100   |      |       |       |
| 120     | 8.3   | 9.5  | 14.3  |       |
| 236     | 25.3  | 20.7 | 31.1  |       |

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#76

Benzidine

Concen: 15.097 ng

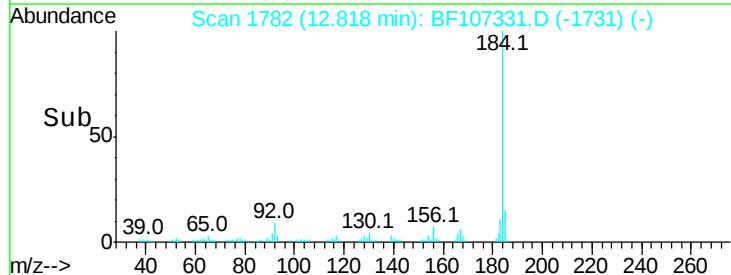
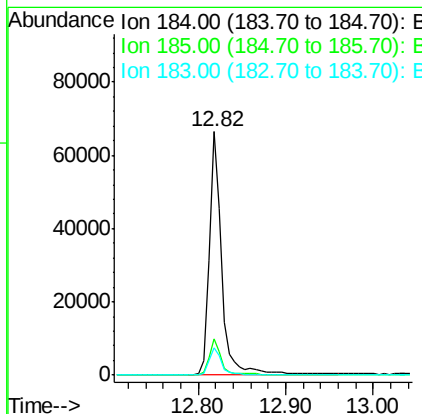
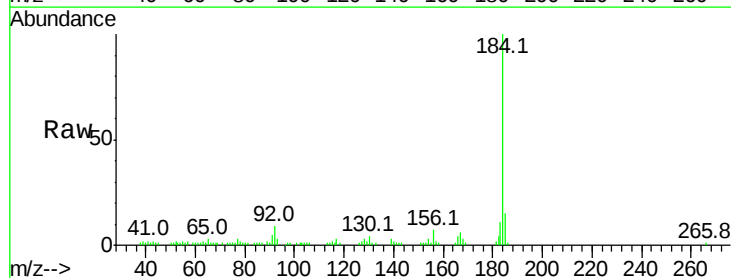
RT: 12.82 min Scan# 1782

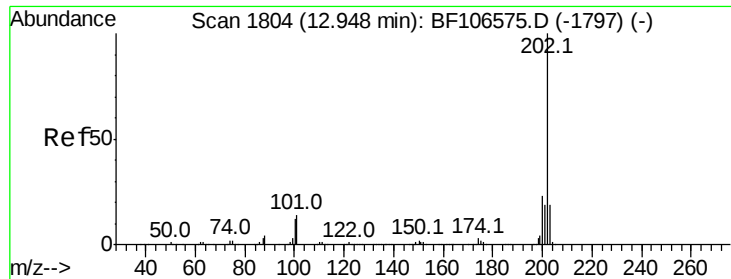
Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 14.7  | 12.6 | 18.8  |       |
| 183     | 11.4  | 9.3  | 13.9  |       |





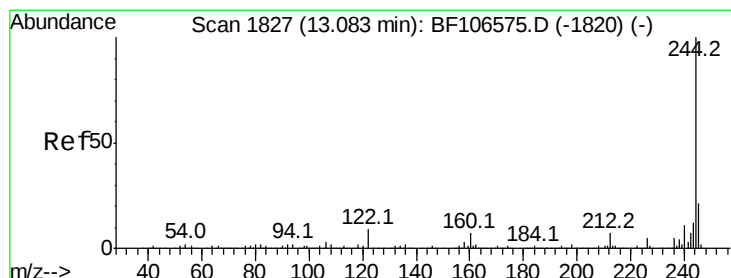
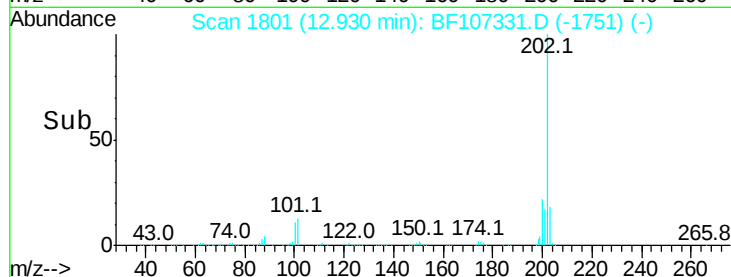
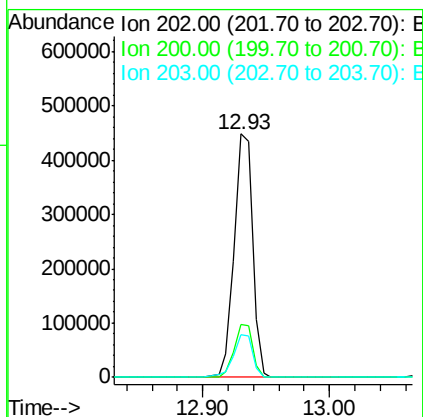
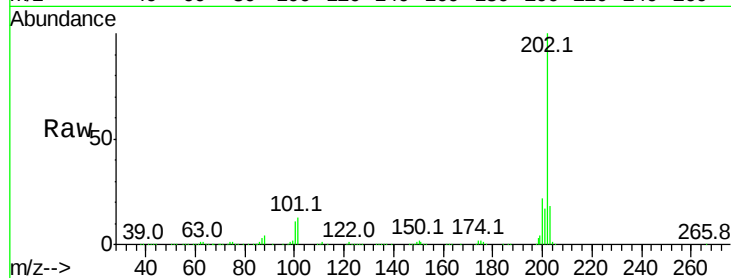
#77  
Pvrene  
Concen: 43.705 ng  
RT: 12.93 min Scan# 1801  
Delta R.T. -0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.6  | 17.4  | 26.2  |
| 203     | 17.5  | 14.3  | 21.5  |

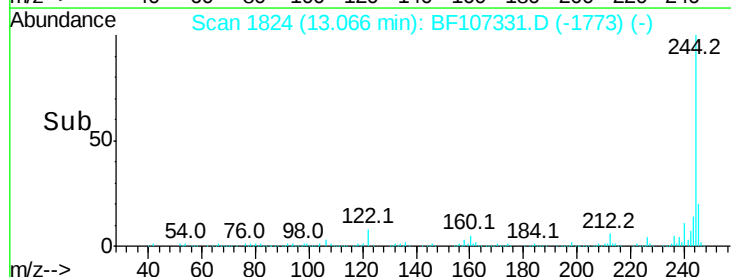
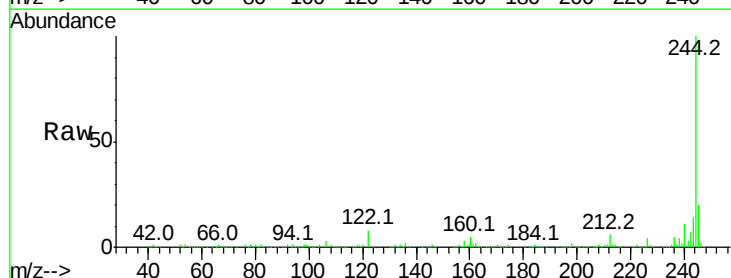
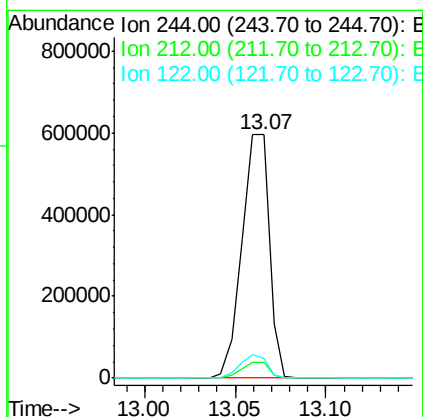
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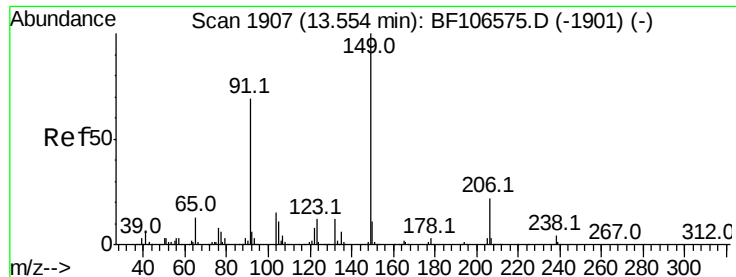
Sohil  
7/13/2018 11:17:07 AM



#78  
Terphenyl-d14  
Concen: 97.744 ng  
RT: 13.07 min Scan# 1824  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.4   | 5.4   | 8.0   |
| 122     | 7.8   | 11.0  | 16.4# |





#79

Butylbenzylphthalate

Concen: 38.552 ng

RT: 13.53 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

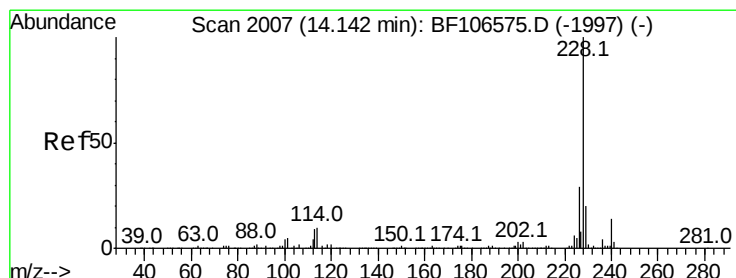
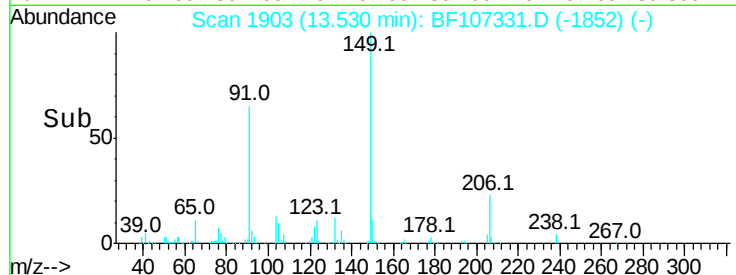
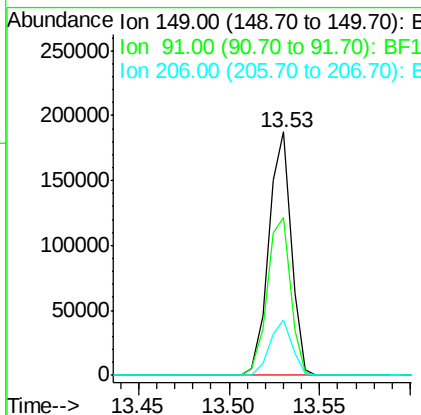
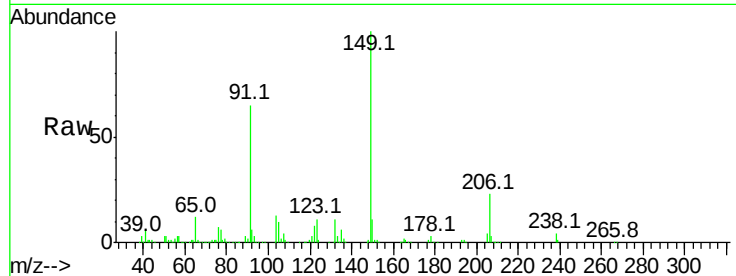
ClientSampleID :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 162310 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 65.0  | 56.8  | 85.2   |
| 206       | 23.0  | 14.1  | 21.1#  |

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#80

Benzo(a)anthracene

Concen: 43.288 ng

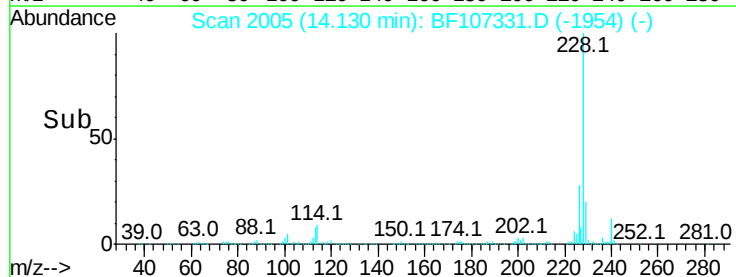
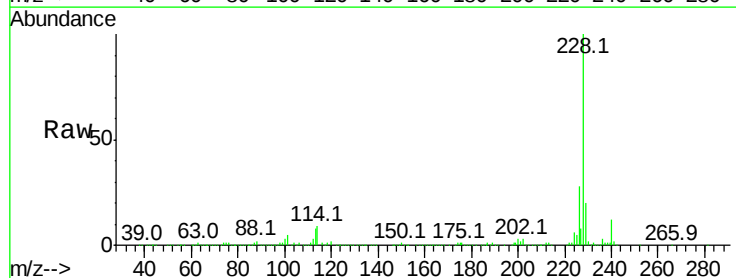
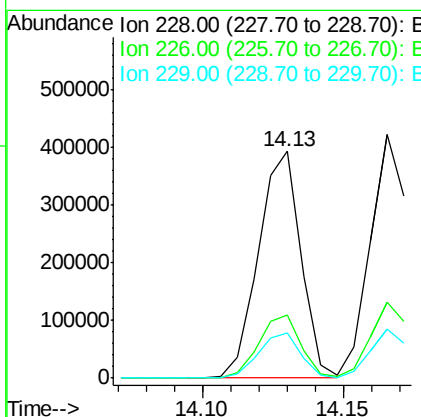
RT: 14.13 min Scan# 2005

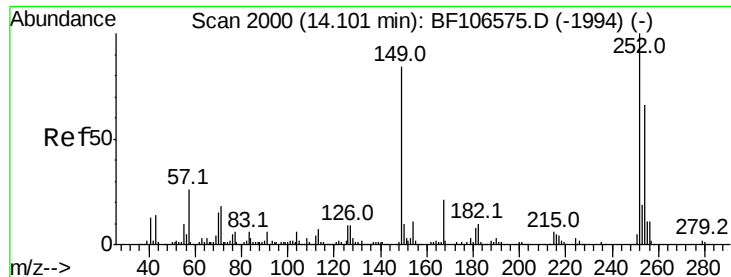
Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 409684 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.0  | 22.6  | 33.8   |
| 229       | 19.9  | 15.8  | 23.6   |





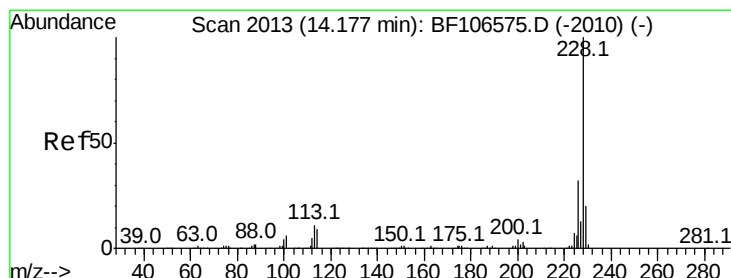
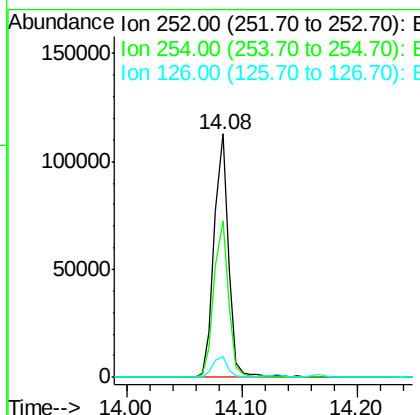
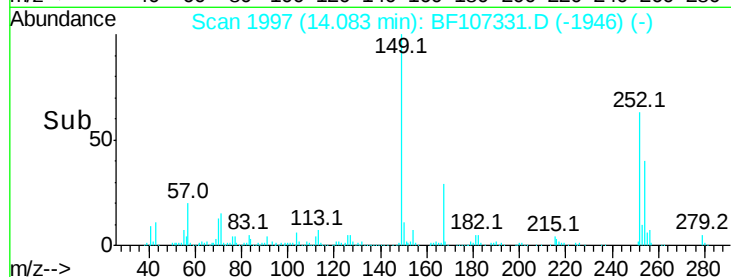
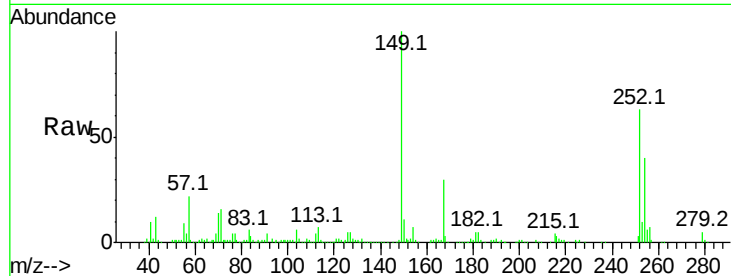
#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.447 ng  
 RT: 14.08 min Scan# 1997  
 Delta R.T. -0.00 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.1  | 50.4  | 75.6  |
| 126     | 8.7   | 11.3  | 16.9  |

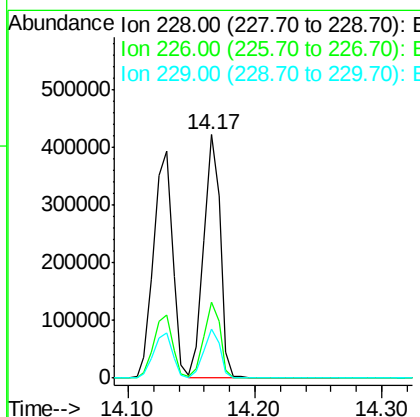
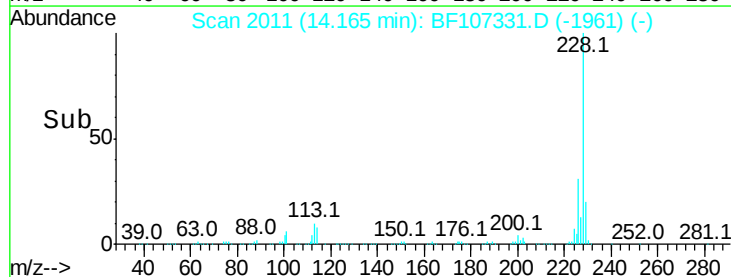
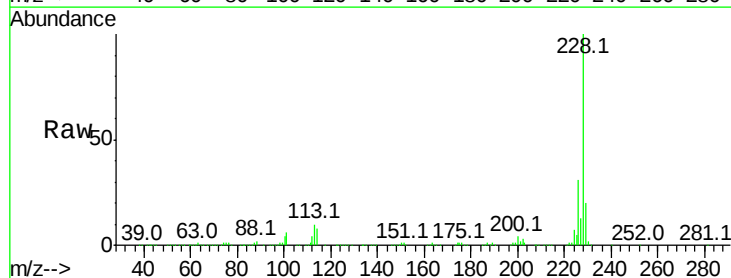
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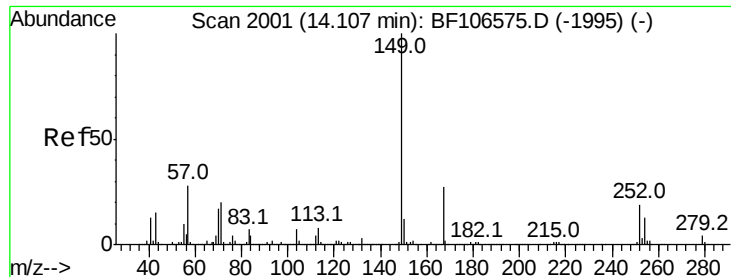
Sohil  
 7/13/2018 11:17:07 AM



#82  
 Chrysene  
 Concen: 44.177 ng  
 RT: 14.17 min Scan# 2011  
 Delta R.T. -0.01 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.3  | 25.0  | 37.6  |
| 229     | 20.1  | 16.2  | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.808 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

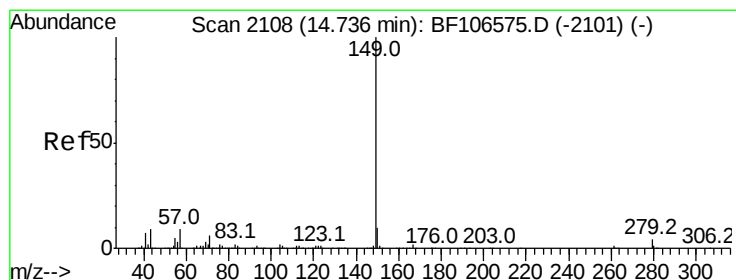
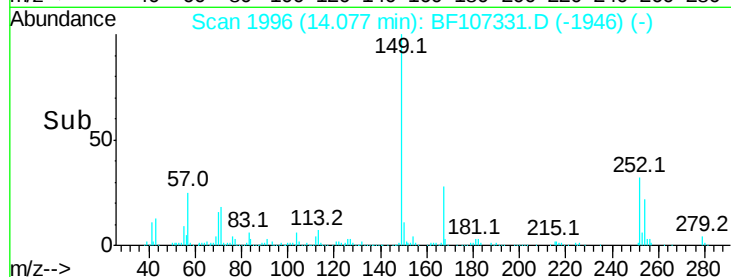
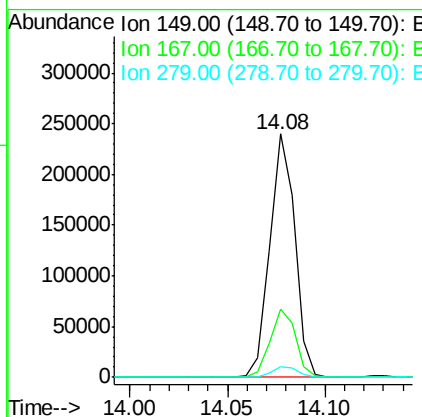
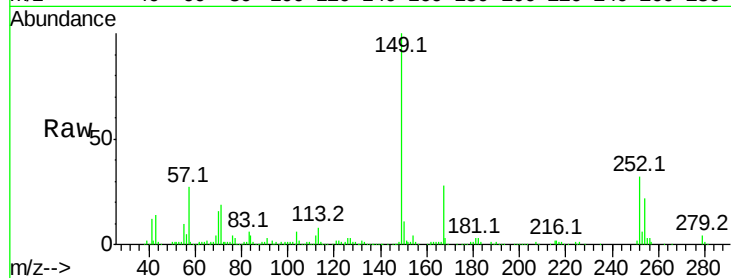
ClientSampleId :

PB110986BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 214269 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.9  | 21.3  | 31.9   |
| 279       | 4.4   | 3.0   | 4.4    |

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#84

Di-n-octyl phthalate

Concen: 44.369 ng

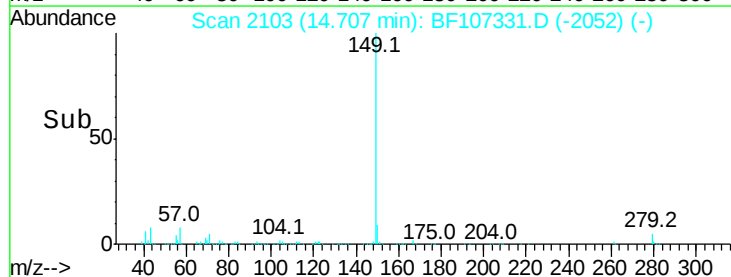
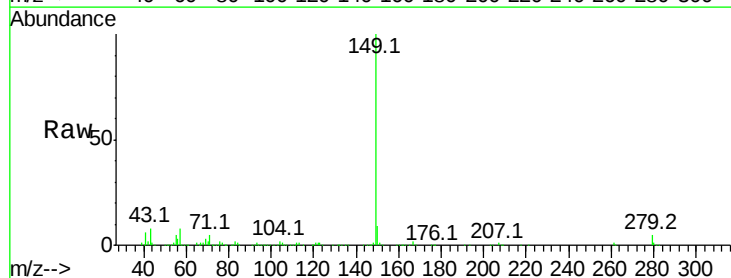
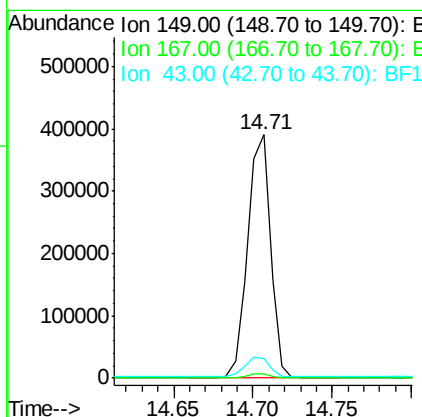
RT: 14.71 min Scan# 2103

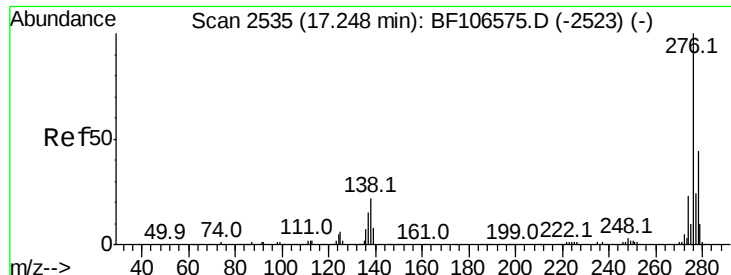
Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 389281 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.6   | 1.2   | 1.8    |
| 43        | 8.5   | 8.4   | 12.6   |





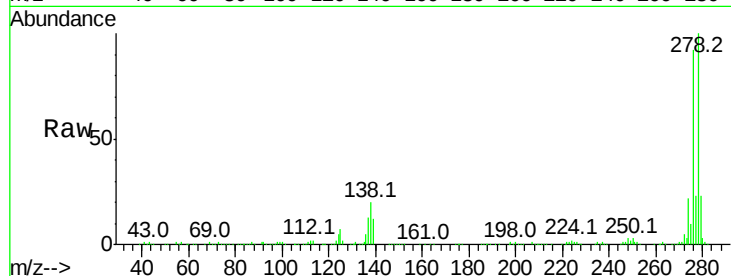
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 72.475 ng  
RT: 17.29 min Scan# 2543  
Delta R.T. 0.02 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleID :  
PB110986BS

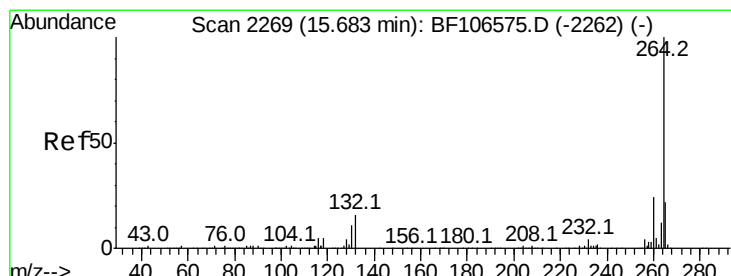
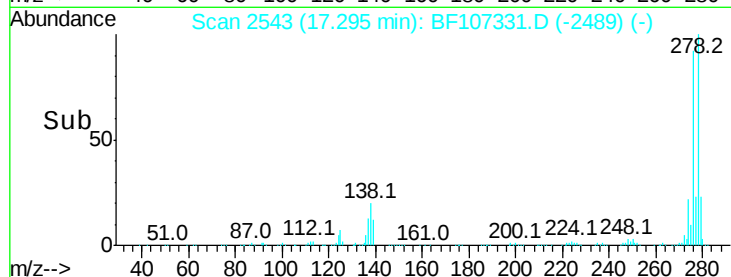
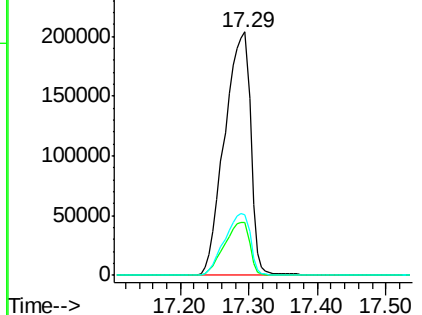
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 138     | 21.3  | 25.0 | 37.6  |       |
| 277     | 25.1  | 20.1 | 30.1  |       |

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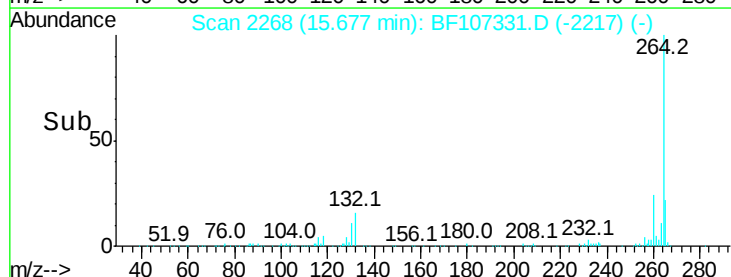
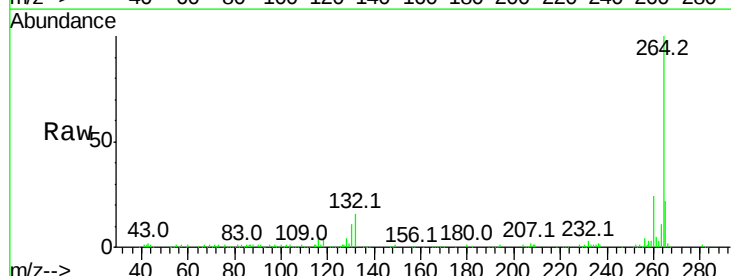
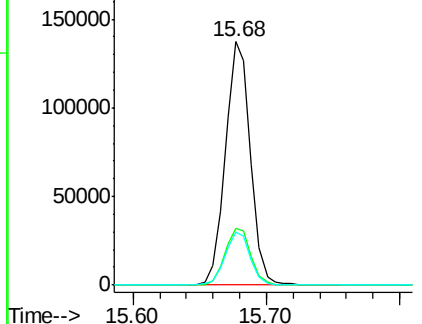
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

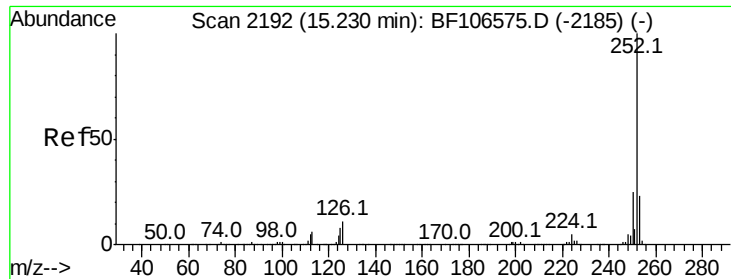


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.68 min Scan# 2268  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 264     | 100   |      |       |       |
| 260     | 23.6  | 19.2 | 28.8  |       |
| 265     | 21.8  | 17.5 | 26.3  |       |

Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.999 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA\_F

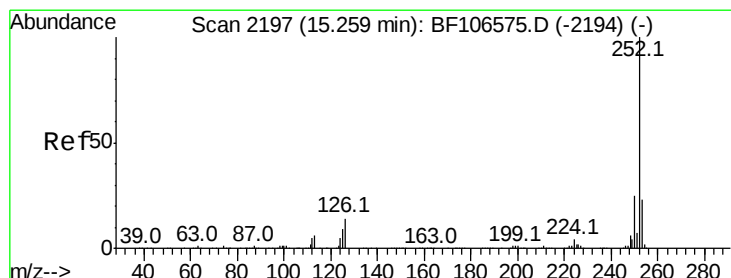
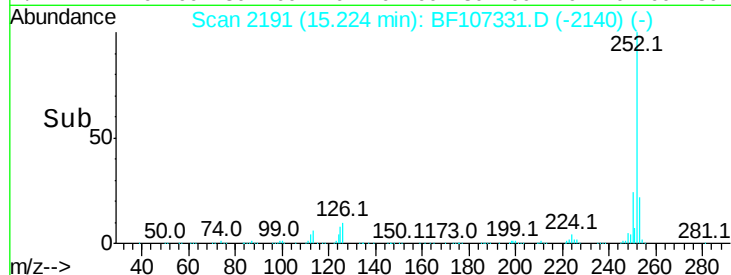
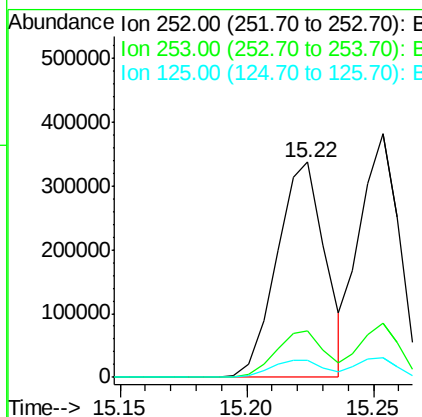
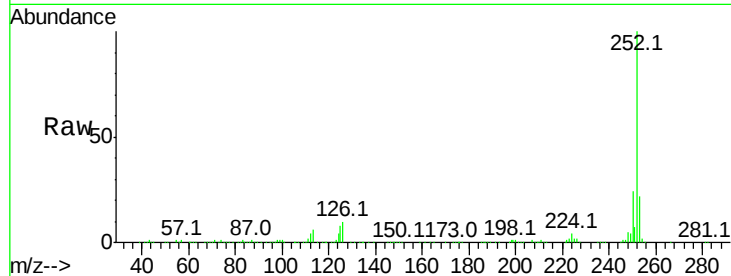
ClientSampleId :

PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.0  | 25.6  |
| 125     | 8.0   | 9.0   | 13.6# |

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#88

Benzo(k)fluoranthene

Concen: 38.949 ng

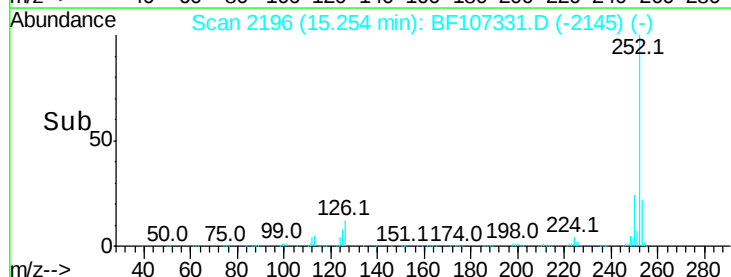
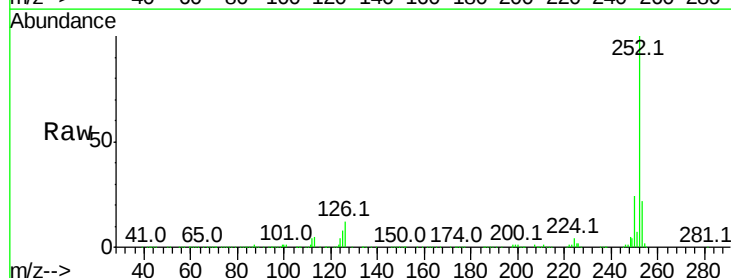
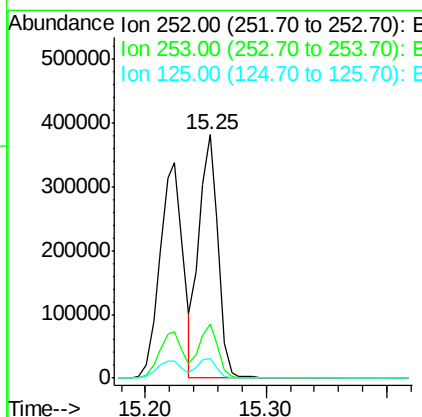
RT: 15.25 min Scan# 2196

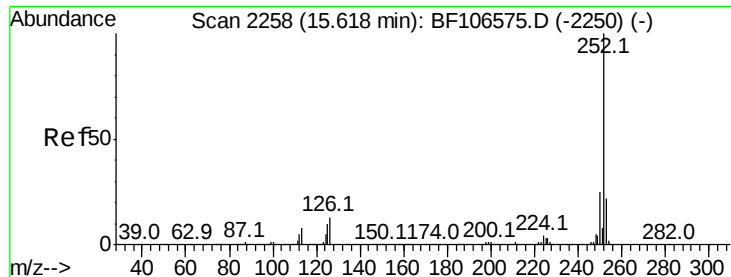
Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.9  | 26.9  |
| 125     | 8.2   | 10.2  | 15.2# |





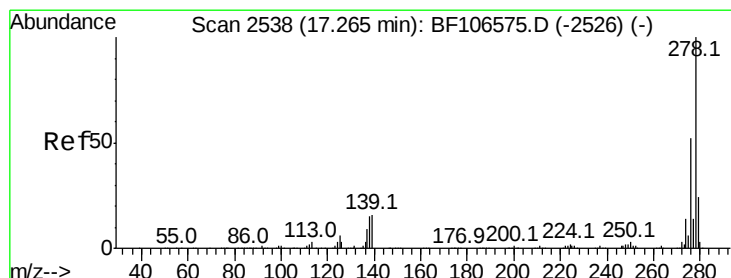
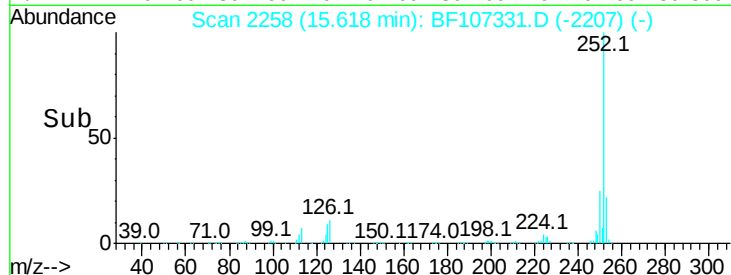
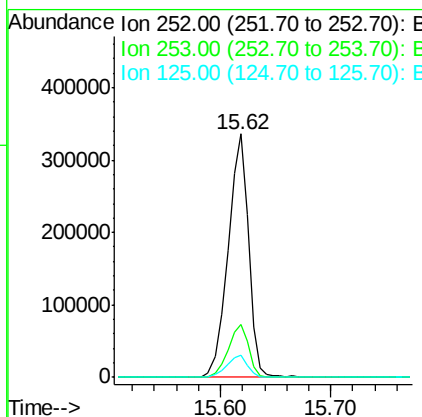
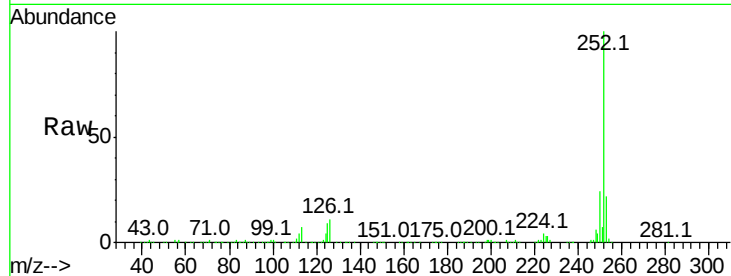
#89  
Benzo(a)pyrene  
Concen: 43.869 ng  
RT: 15.62 min Scan# 2258  
Delta R.T. -0.00 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.1  | 25.7  |
| 125     | 9.2   | 9.8   | 14.6  |

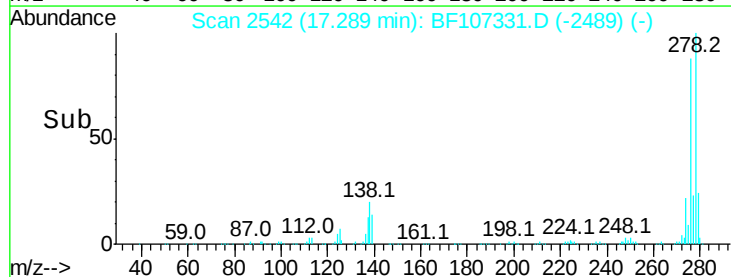
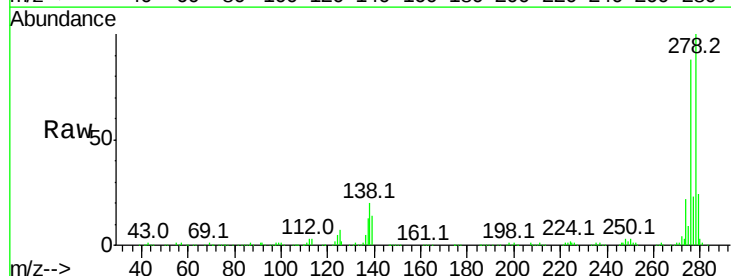
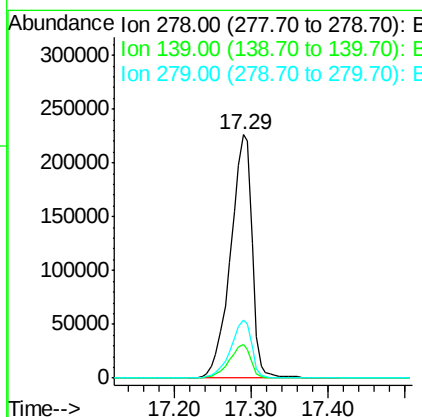
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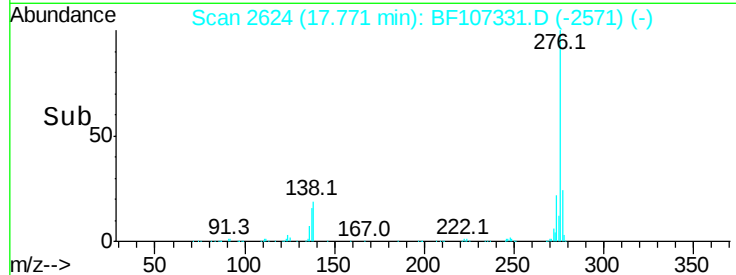
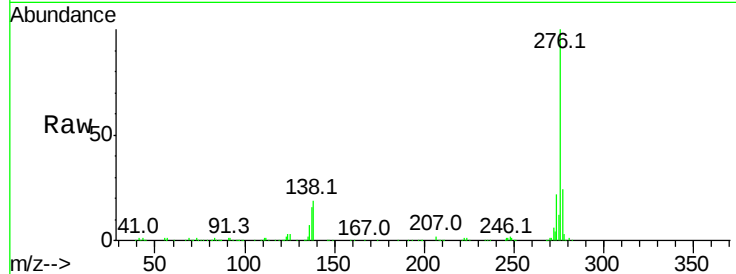
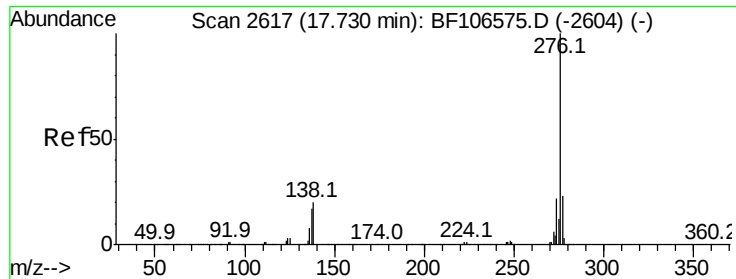
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#90  
Dibenzo(a,h)anthracene  
Concen: 52.341 ng  
RT: 17.29 min Scan# 2542  
Delta R.T. 0.01 min  
Lab File: BF107331.D  
Acq: 12 Jul 2018 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.8  | 15.9  | 23.9  |
| 279     | 23.6  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 56.146 ng  
 RT: 17.77 min Scan# 2624  
 Delta R.T. 0.01 min  
 Lab File: BF107331.D  
 Acq: 12 Jul 2018 11:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB110986BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 17.9  | 26.9  |
| 138     | 18.9  | 21.8  | 32.8  |

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