

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\  
 Data File : BF106514.D  
 Acq On : 16 Jun 2018 2:03  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 6/18/2018 10:38:51 AM

Quant Time: Jun 16 04:20:25 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 15 11:11:47 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 94904    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 333138   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.01 | 164  | 130671   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 257013   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.15 | 240  | 261339   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.68 | 264  | 187980   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 478894 | 85.40  | ng | 0.00 |
| 7) Phenol-d6             | 6.61  | 99  | 531334 | 75.00  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 493142 | 87.08  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 119203 | 94.81  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.32  | 172 | 762950 | 115.76 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.08 | 244 | 867612 | 82.46  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.79 | 88  | 125370 | 43.202 | ng | 96     |
| 3) Pyridine                    | 3.57 | 79  | 325928 | 40.303 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.54 | 42  | 148662 | 40.127 | ng | 98     |
| 6) Aniline                     | 6.63 | 93  | 369328 | 35.702 | ng | # 83   |
| 8) 2-Chlorophenol              | 6.76 | 128 | 234625 | 38.910 | ng | 96     |
| 9) Benzaldehyde                | 6.52 | 77  | 206449 | 38.420 | ng | 94     |
| 10) Phenol                     | 6.62 | 94  | 310583 | 40.159 | ng | # 65   |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 256995 | 38.817 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.91 | 146 | 283159 | 39.898 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146 | 287595 | 39.933 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.14 | 146 | 262834 | 38.768 | ng | 99     |
| 15) Benzyl Alcohol             | 7.11 | 79  | 215692 | 35.552 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45  | 277312 | 29.220 | ng | 84     |
| 17) 2-Methylphenol             | 7.22 | 107 | 192661 | 35.811 | ng | 96     |
| 18) Hexachloroethane           | 7.48 | 117 | 70159  | 27.340 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 167841 | 31.579 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.38 | 107 | 231092 | 33.589 | ng | # 69   |
| 22) Acetophenone               | 7.37 | 105 | 324624 | 38.667 | ng | # 93   |
| 24) Nitrobenzene               | 7.55 | 77  | 251853 | 40.919 | ng | 95     |
| 25) Isophorone                 | 7.78 | 82  | 405293 | 36.642 | ng | 98     |
| 26) 2-Nitrophenol              | 7.87 | 139 | 61236  | 25.632 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 178529 | 38.126 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93  | 287611 | 40.102 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.11 | 162 | 172886 | 38.271 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.19 | 180 | 201852 | 39.851 | ng | 97     |
| 31) Naphthalene                | 8.27 | 128 | 616775 | 40.956 | ng | 99     |
| 32) Benzoic acid               | 7.98 | 122 | 39601m | 17.014 | ng |        |
| 33) 4-Chloroaniline            | 8.32 | 127 | 251845 | 37.736 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.38 | 225 | 132538 | 40.729 | ng | 100    |
| 35) Caprolactam                | 8.68 | 113 | 52847  | 34.586 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.81 | 107 | 170855 | 34.191 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.97 | 142 | 378340 | 36.886 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 192275 | 45.327 | ng | # 96   |
| 42) 2,4,6-Trichlorophenol      | 9.24 | 196 | 117148 | 43.335 | ng | 99     |

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 Acq On : 16 Jun 2018 2:03  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC0040

Manual Integrations  
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 15 11:11:47 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 43) 2,4,5-Trichlorophenol      | 9.30  | 196  | 123521   | 42.385 | nq    | # 93     |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 450397   | 44.501 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 341879   | 42.210 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.55  | 65   | 121506   | 47.687 | nq    | 90       |
| 48) Acenaphthylene             | 9.87  | 152  | 528393   | 42.621 | nq    | 99       |
| 49) Dimethylphthalate          | 9.72  | 163  | 407482   | 43.648 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 66358    | 34.798 | nq    | 91       |
| 51) Acenaphthene               | 10.04 | 154  | 311647   | 38.925 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.96  | 138  | 108990   | 48.154 | nq    | 97       |
| 53) 2,4-Dinitrophenol          | 10.07 | 184  | 110      | 8.726  | nq    | # 19     |
| 54) Dibenzofuran               | 10.21 | 168  | 447091   | 41.469 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 58842    | 33.918 | nq    | 90       |
| 56) 2,4-Dinitrotoluene         | 10.19 | 165  | 76564    | 31.972 | nq    | 99       |
| 57) Fluorene                   | 10.56 | 166  | 344171   | 40.292 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 97773    | 42.330 | nq    | # 83     |
| 59) Diethylphthalate           | 10.42 | 149  | 378800   | 40.880 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.55 | 204  | 177792   | 39.573 | nq    | # 87     |
| 61) 4-Nitroaniline             | 10.57 | 138  | 112137   | 50.923 | nq    | 99       |
| 62) Azobenzene                 | 10.71 | 77   | 343933   | 35.596 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 1208     | 7.052  | nq    | 99       |
| 65) n-Nitrosodiphenylamine     | 10.67 | 169  | 332032   | 38.439 | nq    | 94       |
| 66) 4-Bromophenyl-phenylether  | 11.04 | 248  | 114687   | 39.233 | nq    | # 84     |
| 67) Hexachlorobenzene          | 11.11 | 284  | 123100   | 40.847 | nq    | # 85     |
| 68) Atrazine                   | 11.18 | 200  | 83813    | 31.486 | nq    | 98       |
| 69) Pentachlorophenol          | 11.30 | 266  | 44124    | 23.781 | nq    | 98       |
| 70) Phenanthrene               | 11.52 | 178  | 520990   | 41.391 | nq    | 99       |
| 71) Anthracene                 | 11.58 | 178  | 529594   | 41.999 | nq    | 99       |
| 72) Carbazole                  | 11.73 | 167  | 495967   | 42.603 | nq    | 100      |
| 73) Di-n-butylphthalate        | 12.05 | 149  | 542937   | 41.905 | nq    | 100      |
| 74) Fluoranthene               | 12.72 | 202  | 625601   | 46.606 | nq    | 97       |
| 76) Benzidine                  | 12.84 | 184  | 342744   | 39.406 | nq    | 99       |
| 77) Pyrene                     | 12.95 | 202  | 655072   | 40.038 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.55 | 149  | 267119   | 43.615 | nq    | # 97     |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 615070   | 39.549 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 237385   | 45.240 | nq    | # 95     |
| 82) Chrysene                   | 14.18 | 228  | 566933   | 39.927 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.11 | 149  | 354654   | 40.387 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.74 | 149  | 617505   | 48.777 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 17.25 | 276  | 393113   | 34.690 | nq    | # 93     |
| 87) Benzo(b)fluoranthene       | 15.23 | 252  | 462528   | 40.704 | nq    | # 97     |
| 88) Benzo(k)fluoranthene       | 15.26 | 252  | 459062   | 40.792 | nq    | # 96     |
| 89) Benzo(a)pyrene             | 15.62 | 252  | 403333   | 39.462 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.27 | 278  | 334847   | 39.297 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 17.72 | 276  | 328507   | 39.670 | nq    | # 92     |
| -----                          |       |      |          |        |       |          |

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

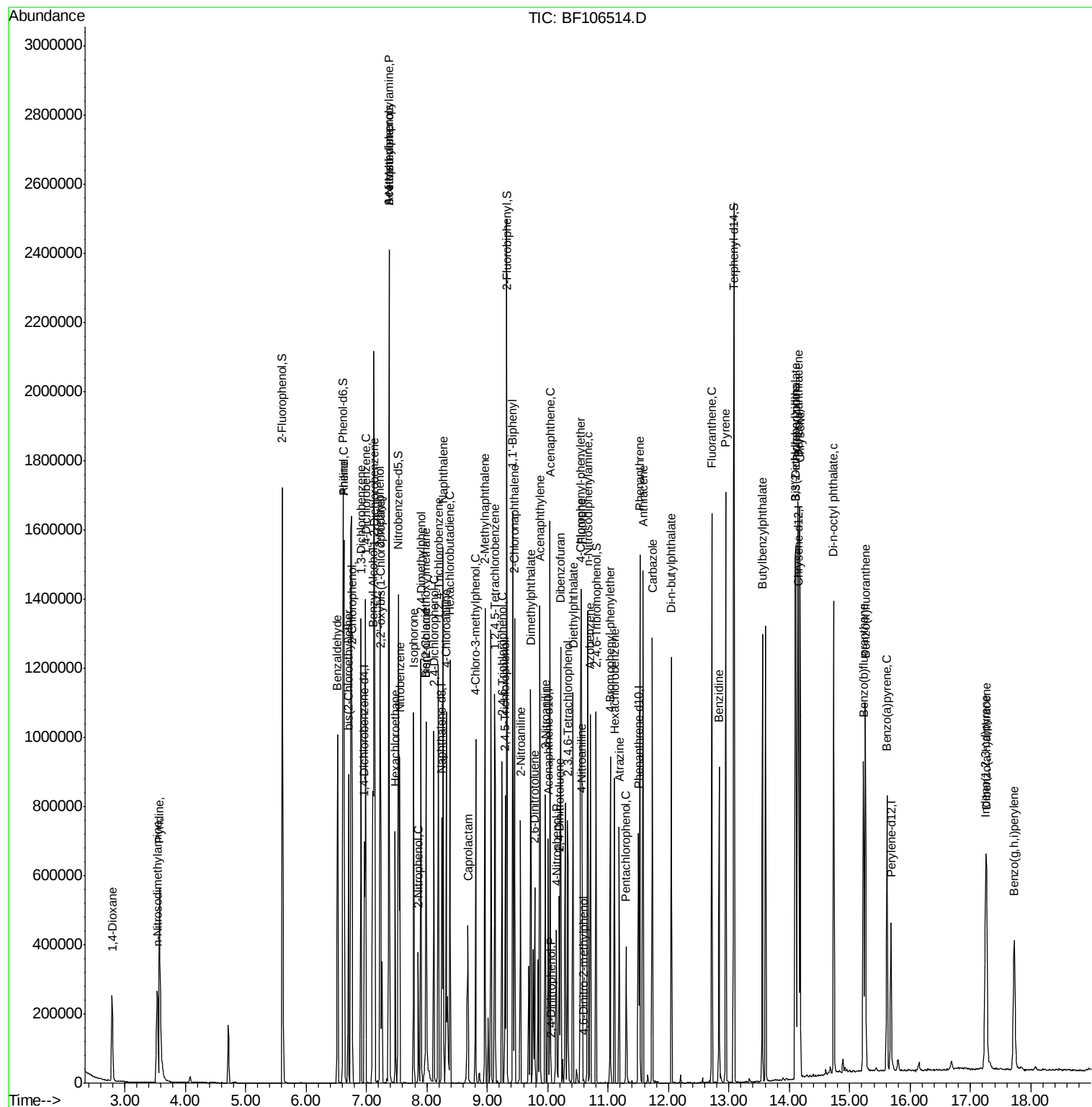
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\  
Data File : BF106514.D  
Acq On : 16 Jun 2018 2:03  
Operator : JU/SJ  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

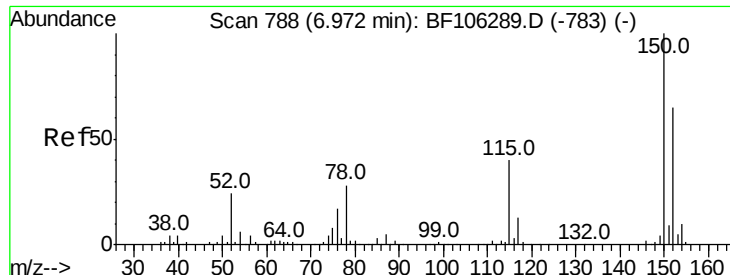
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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6/18/2018 10:38:51 AM

Quant Time: Jun 16 04:20:25 2018  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 15 11:11:47 2018  
Response via : Initial Calibration





#1

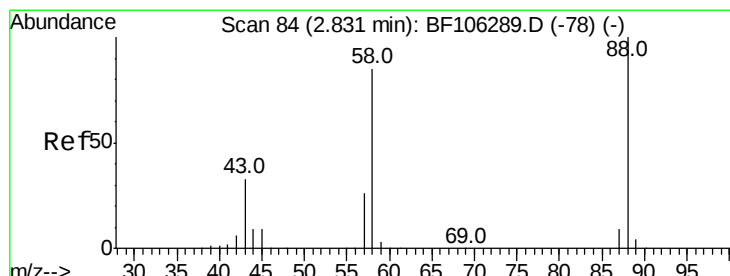
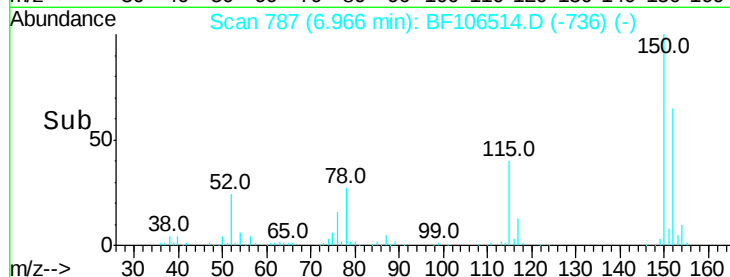
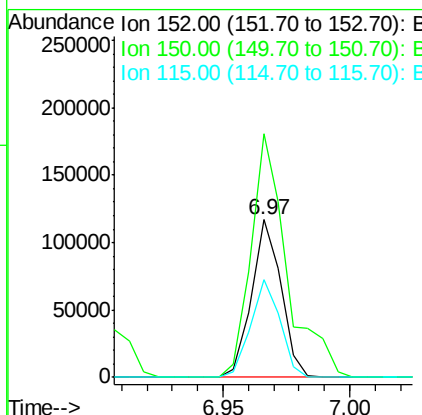
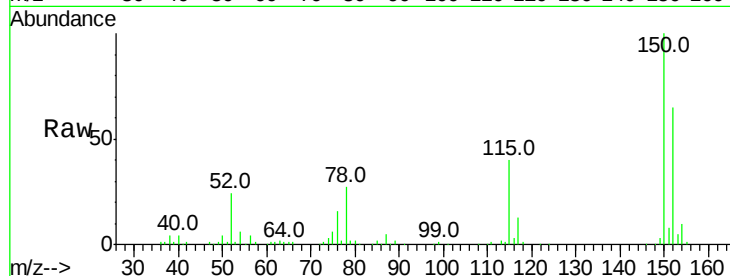
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 787  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.7 | 124.6 | 186.8 |
| 115     | 62.4  | 50.1  | 75.1  |

Manual Integrations  
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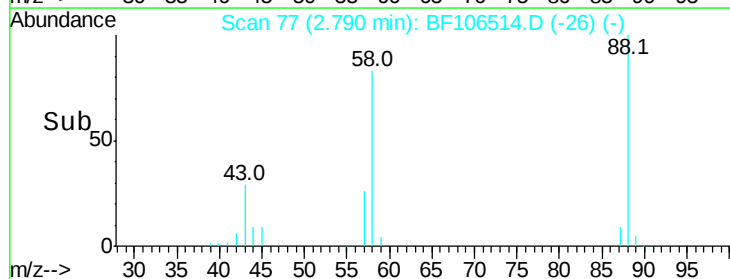
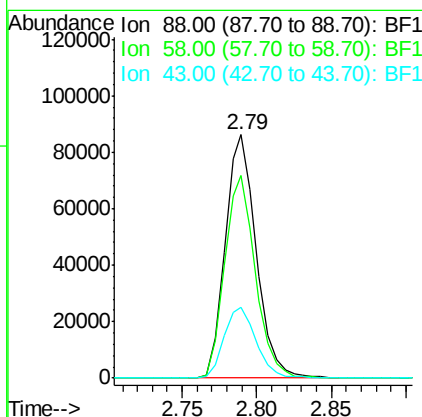
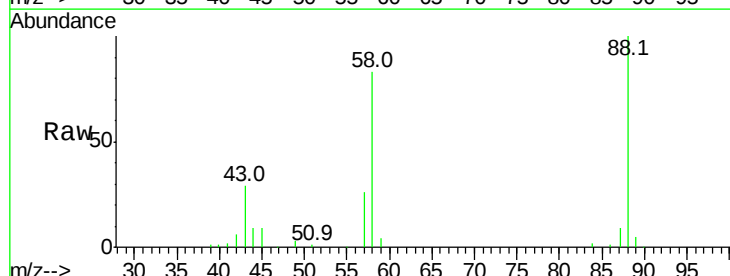
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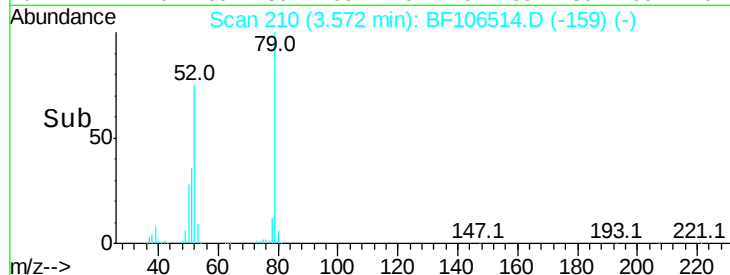
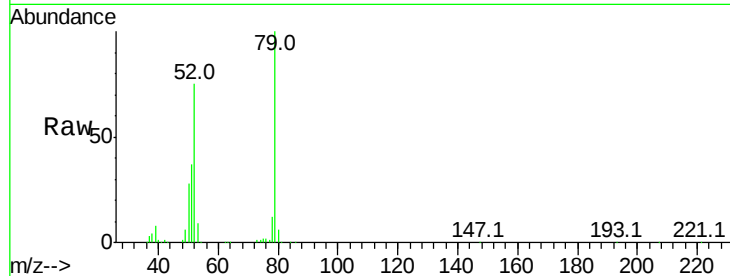
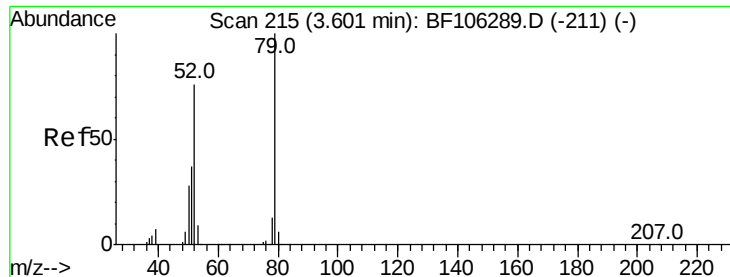


#2

1,4-Dioxane  
Concen: 43.202 ng  
RT: 2.79 min Scan# 77  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 82.4  | 62.6  | 93.8  |
| 43      | 30.0  | 24.6  | 37.0  |





#3

Pvridine

Concen: 40.303 ng

RT: 3.57 min Scan# 210

Delta R.T. 0.00 min

Lab File: BF106514.D

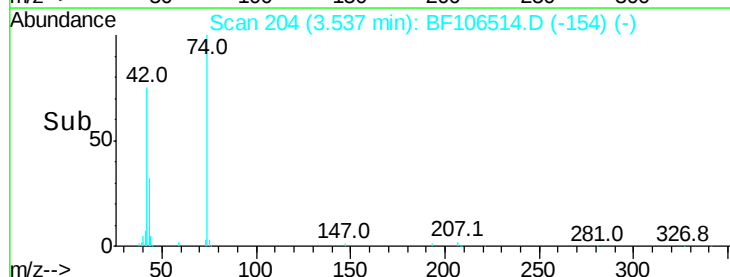
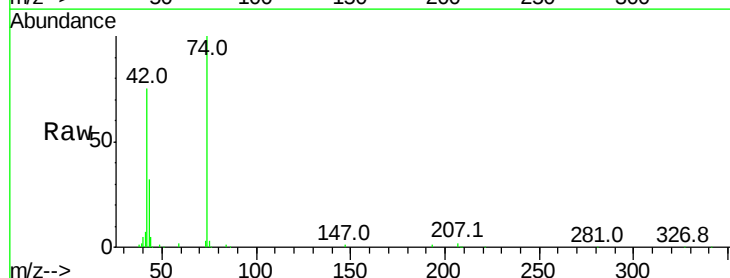
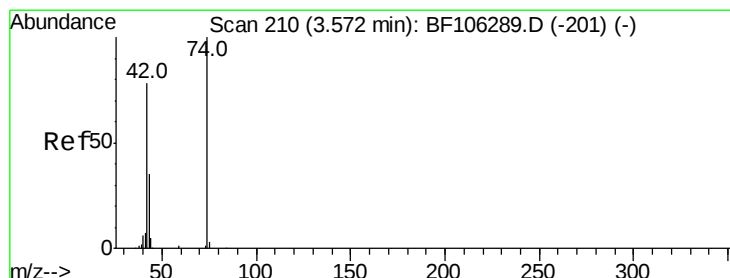
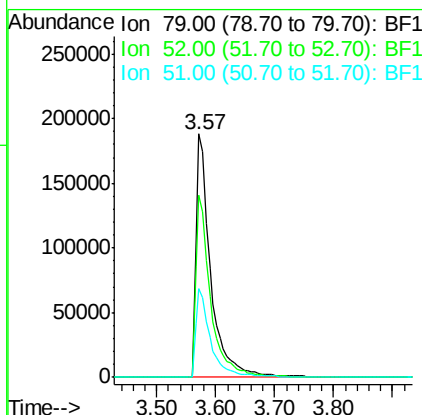
Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 325928 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 74.8  | 59.8  | 89.6   |
| 51        | 36.5  | 29.8  | 44.8   |

Instrument :  
BNA\_F  
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SSTDCCC040

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#4

n-Nitrosodimethylamine

Concen: 40.127 ng

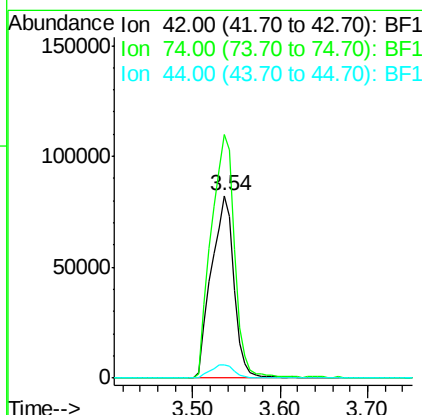
RT: 3.54 min Scan# 204

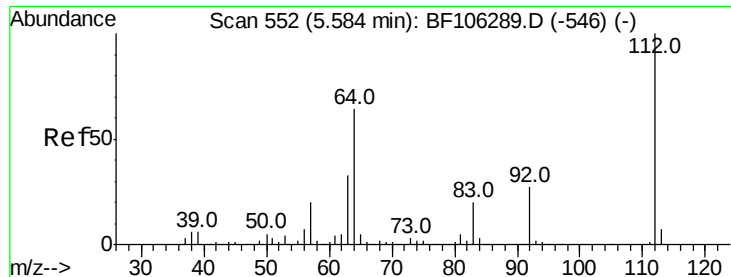
Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 148662 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 133.5 | 104.9 | 157.3  |
| 44        | 7.1   | 6.9   | 10.3   |





#5

2-Fluorophenol

Concen: 85.405 ng

RT: 5.61 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

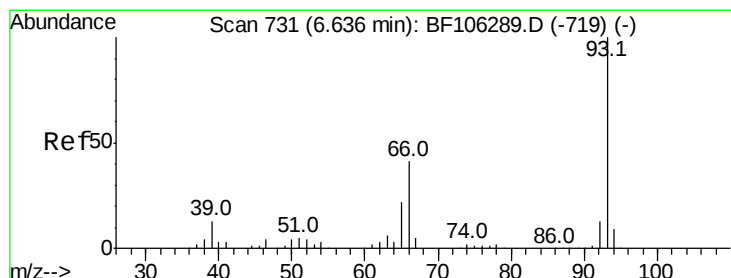
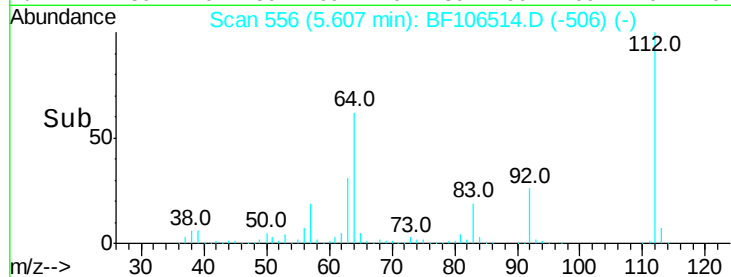
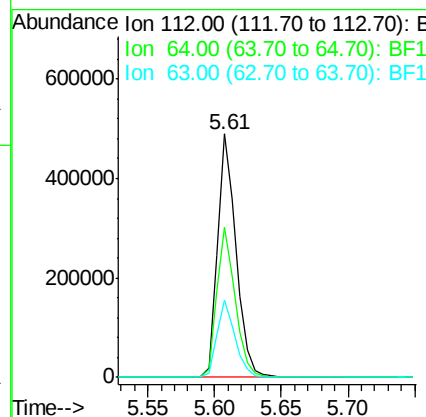
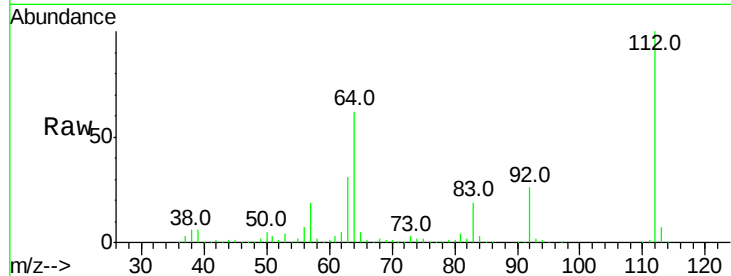
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 478894 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 61.9  | 47.9  | 71.9   |
| 63        | 31.5  | 23.7  | 35.5   |

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#6

Aniline

Concen: 35.702 ng

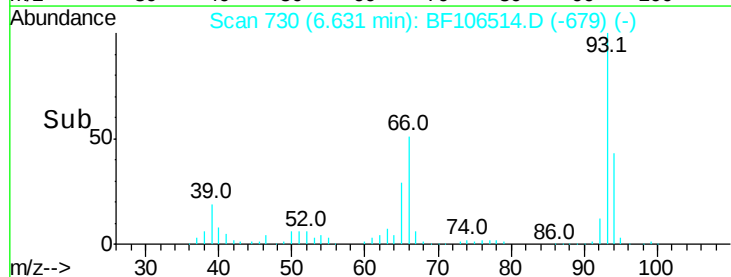
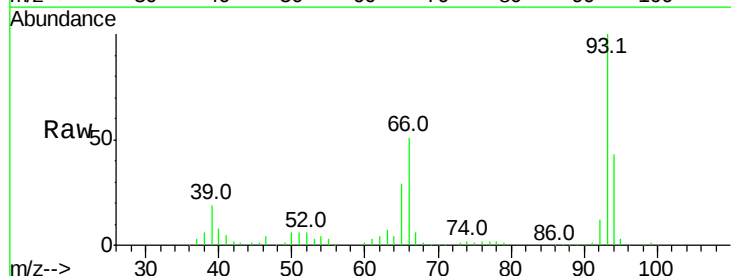
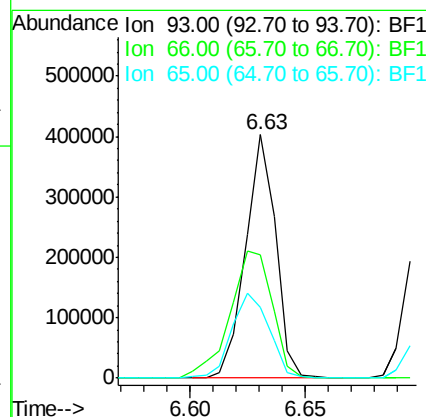
RT: 6.63 min Scan# 730

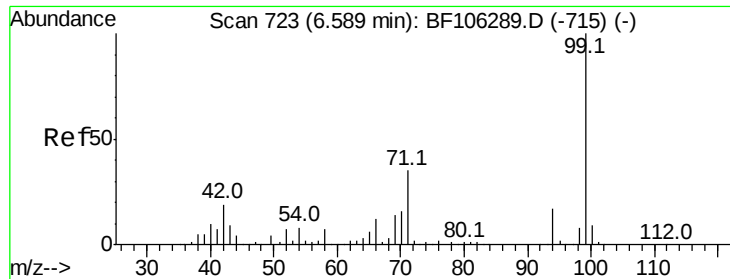
Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 369328 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 50.6  | 32.2  | 48.2#  |
| 65        | 29.3  | 16.4  | 24.6#  |





#7

Phenol-d6

Concen: 75.001 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

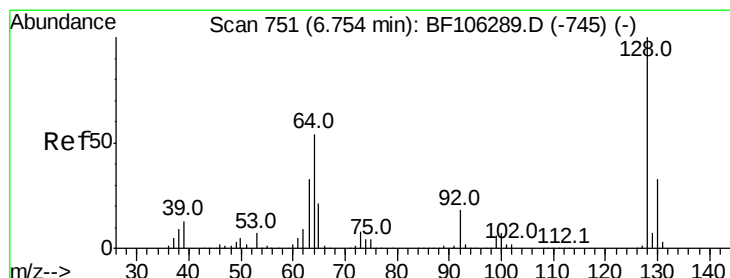
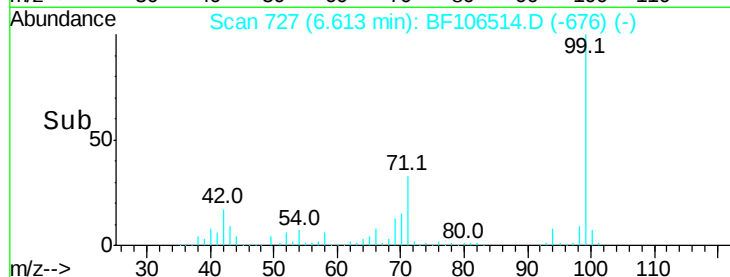
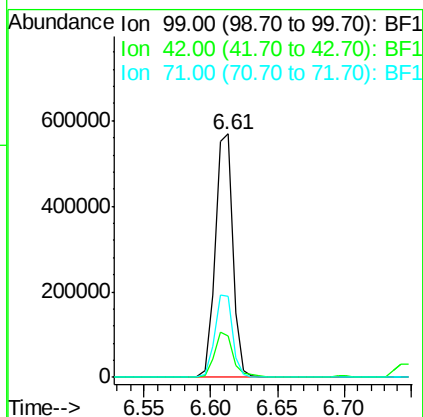
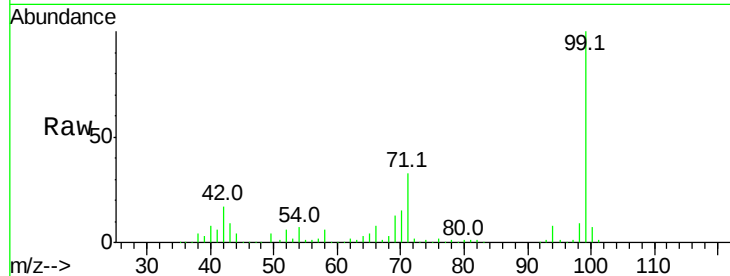
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 531334 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.8  | 14.5  | 21.7   |
| 71        | 33.2  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 38.910 ng

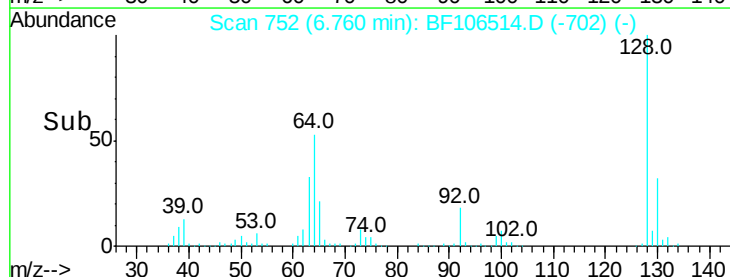
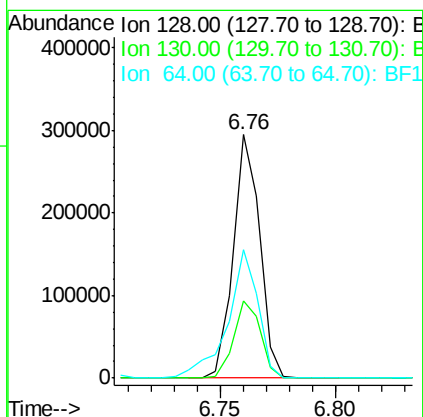
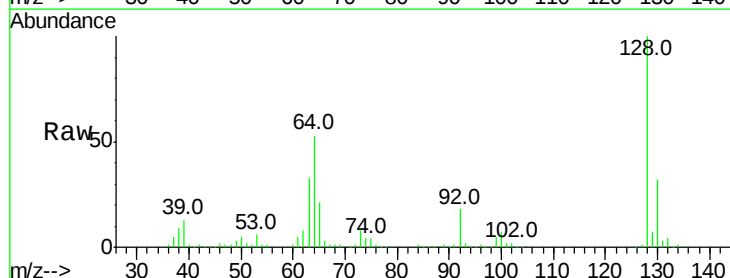
RT: 6.76 min Scan# 752

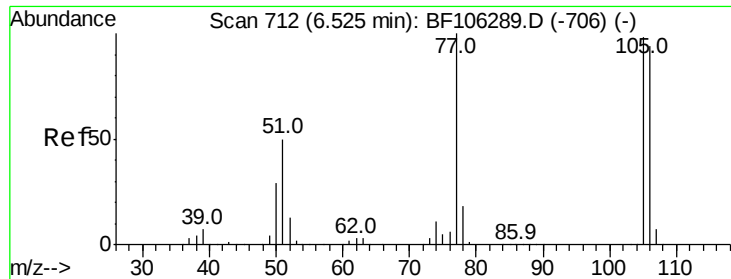
Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 234625 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.0  | 13.0  | 53.0   |
| 64        | 52.9  | 29.4  | 69.4   |





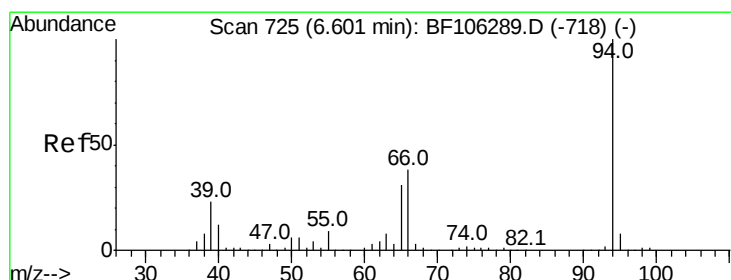
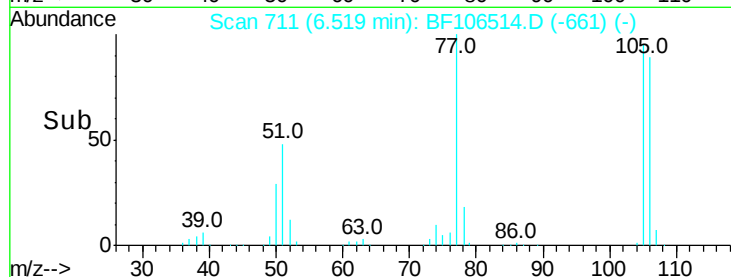
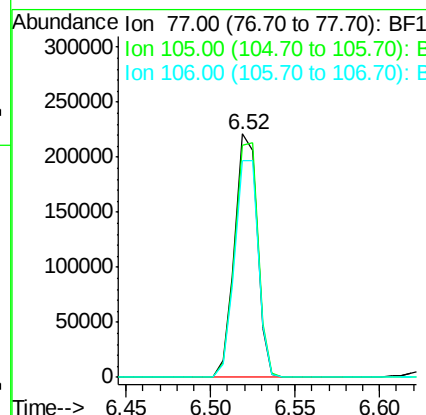
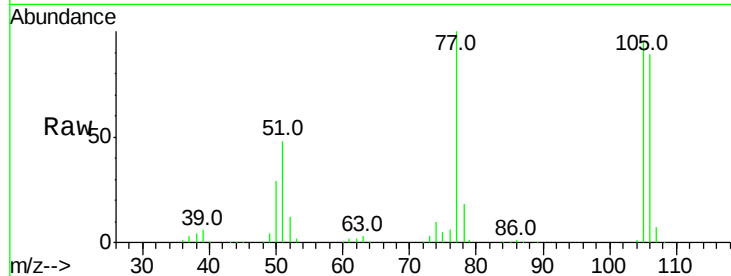
#9  
Benzaldehyde  
Concen: 38.420 ng  
RT: 6.52 min Scan# 711  
Delta R.T. -0.01 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 95.4  | 81.1  | 121.1 |
| 106     | 89.0  | 74.5  | 114.5 |

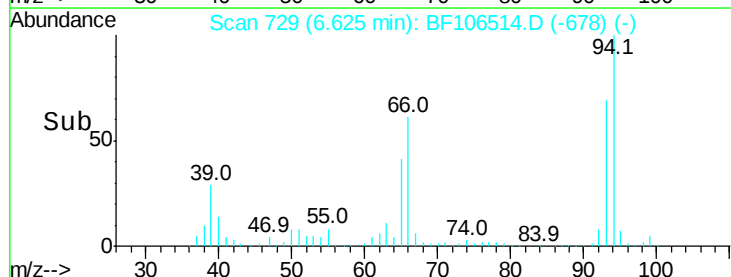
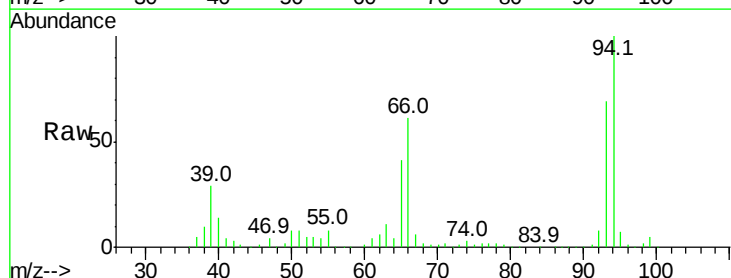
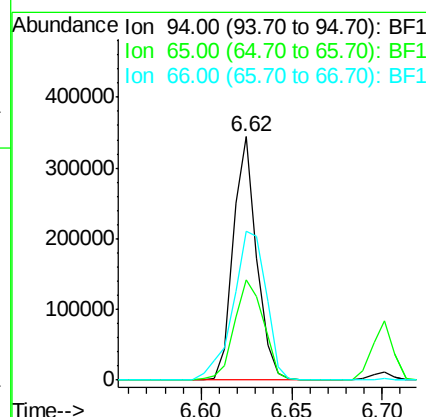
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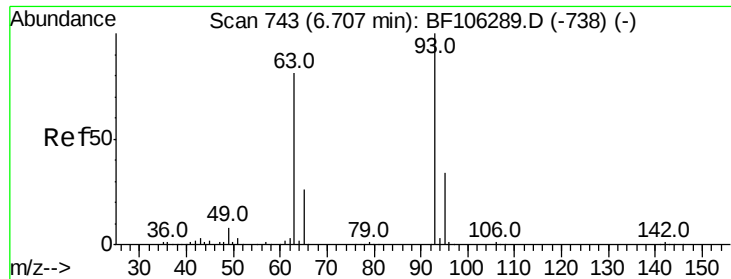
Sohil  
6/18/2018 10:38:51 AM



#10  
Phenol  
Concen: 40.159 ng  
RT: 6.62 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 41.1  | 7.9   | 47.9  |
| 66      | 61.1  | 16.2  | 56.2  |





#11

bis(2-Chloroethyl)ether

Concen: 38.817 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

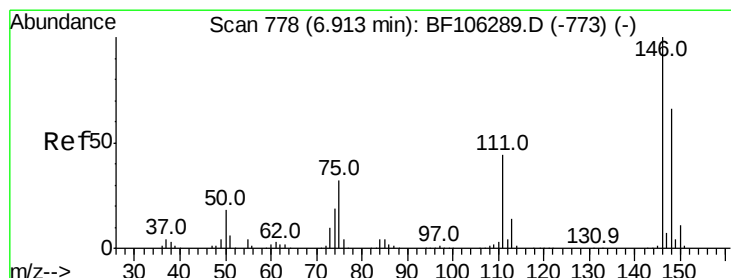
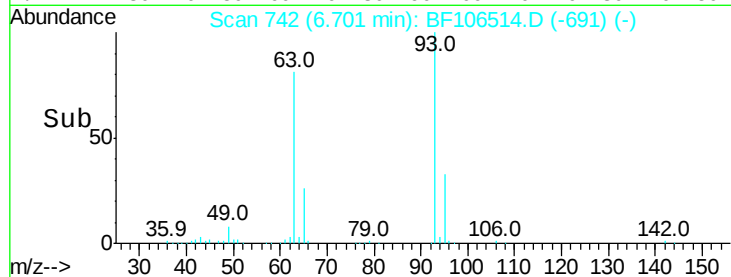
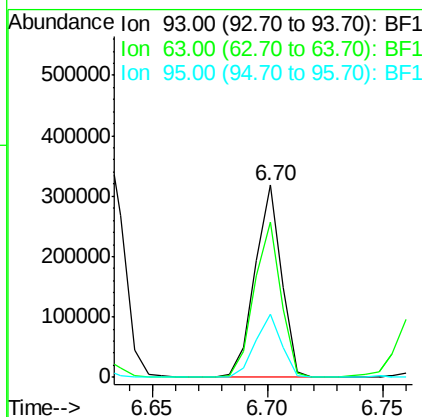
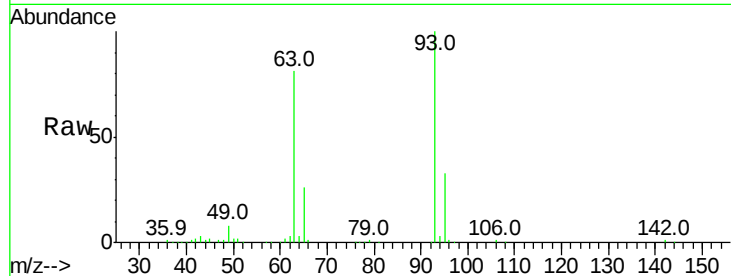
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 256995 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 80.8  | 58.6  | 98.6   |
| 95        | 32.6  | 11.8  | 51.8   |

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#12

1,3-Dichlorobenzene

Concen: 39.898 ng

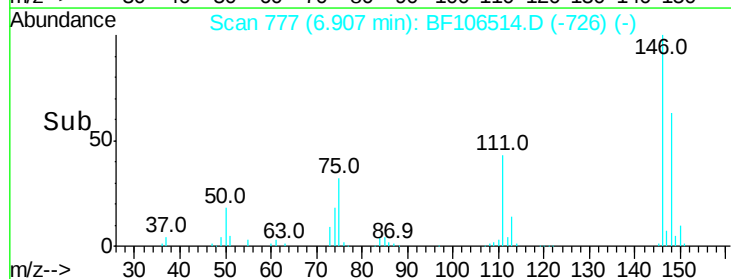
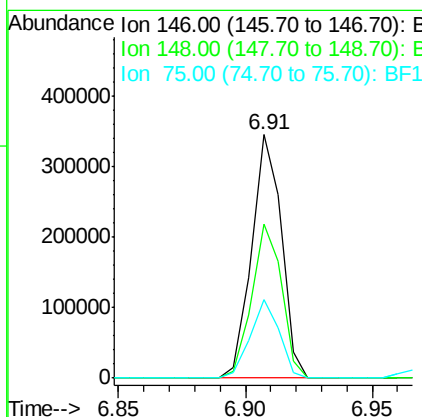
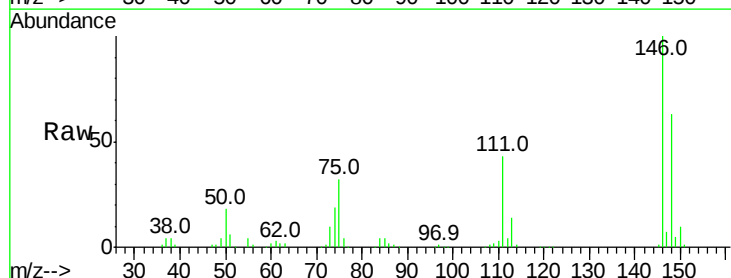
RT: 6.91 min Scan# 777

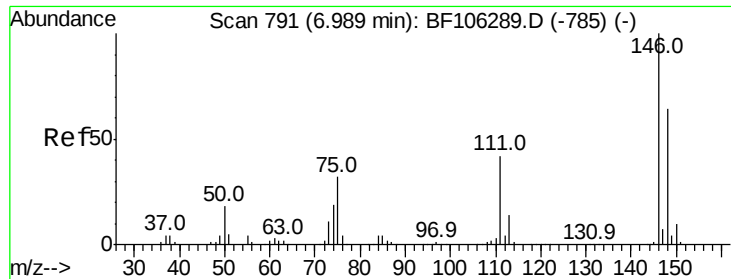
Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 283159 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.4  | 51.8  | 77.8   |
| 75        | 32.4  | 24.2  | 36.4   |





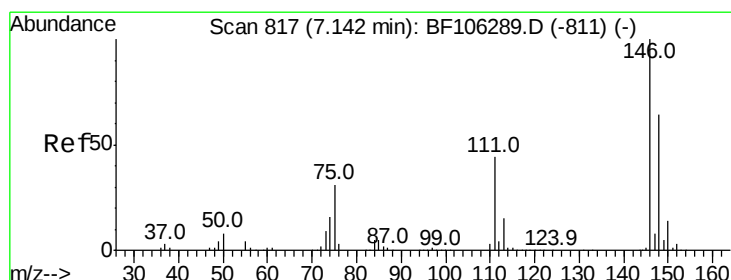
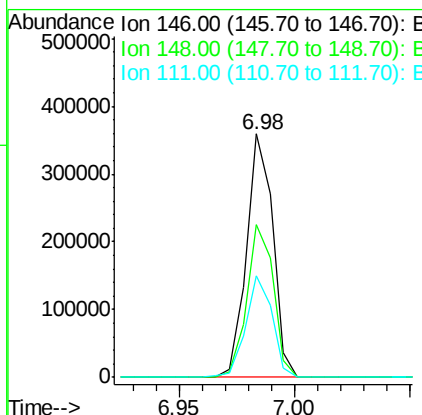
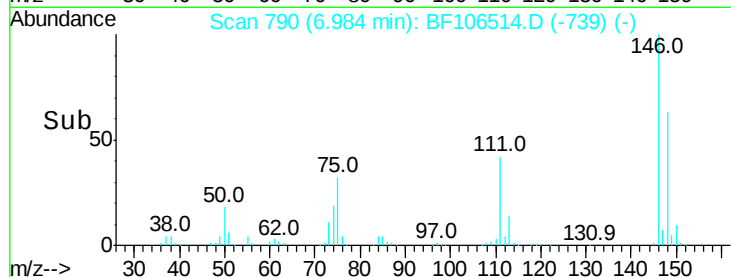
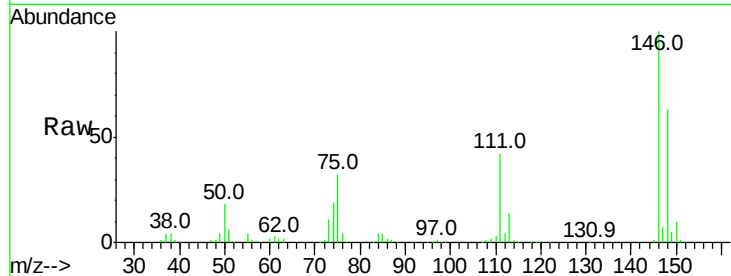
#13  
 1,4-Dichlorobenzene  
 Concen: 39.933 ng  
 RT: 6.98 min Scan# 790  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 287595 |       |       |
| 148     | 62.5  |        | 50.8  | 76.2  |
| 111     | 42.0  |        | 34.2  | 51.2  |

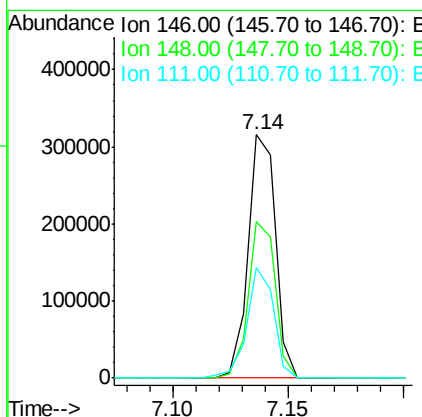
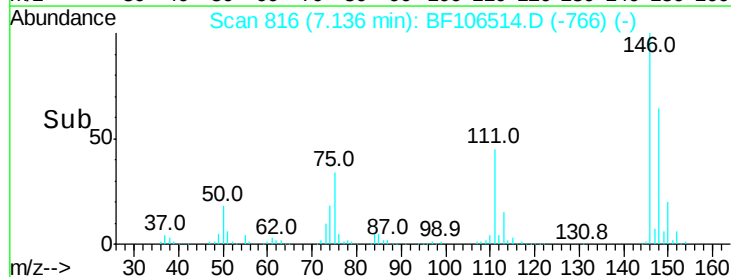
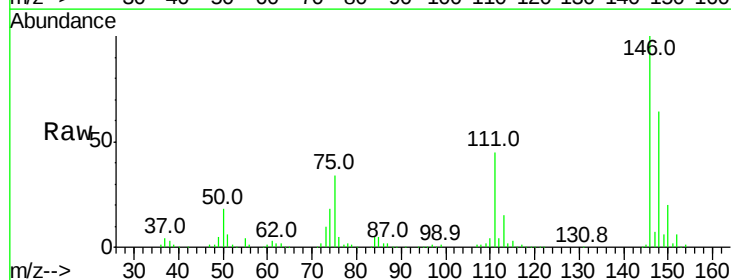
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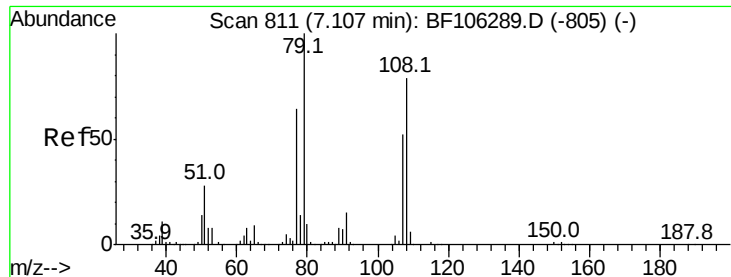
Sohil  
 6/18/2018 10:38:51 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 38.768 ng  
 RT: 7.14 min Scan# 816  
 Delta R.T. -0.01 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 262834 |       |       |
| 148     | 64.5  |        | 50.6  | 75.8  |
| 111     | 45.2  |        | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 35.552 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 215692

Ion Ratio Lower Upper

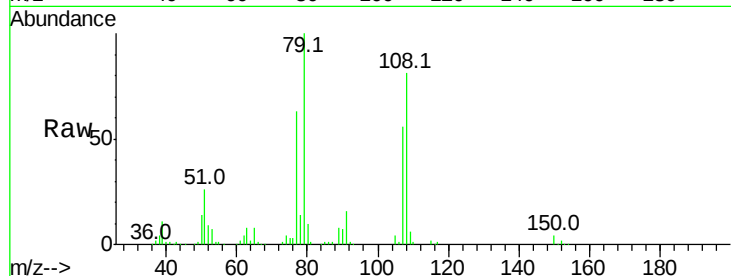
79 100

108 81.5 65.1 97.7

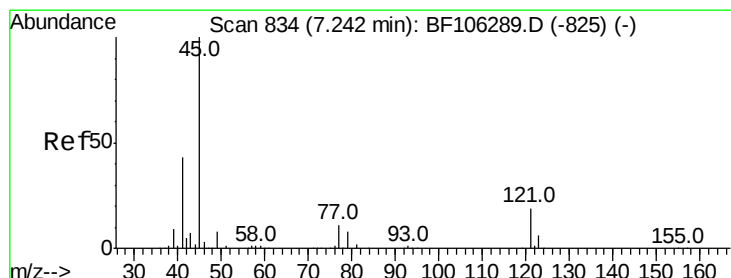
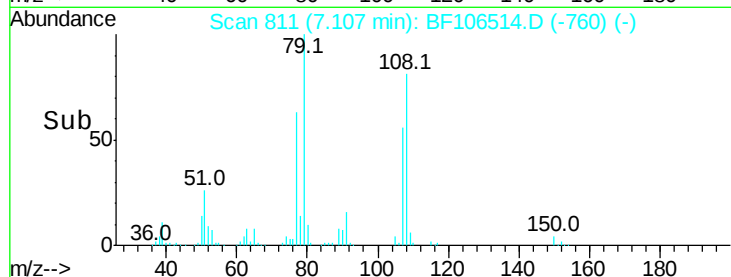
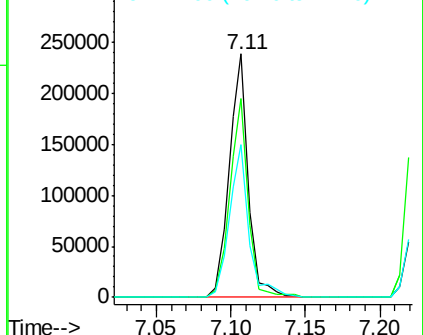
77 62.5 50.6 75.8

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.220 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

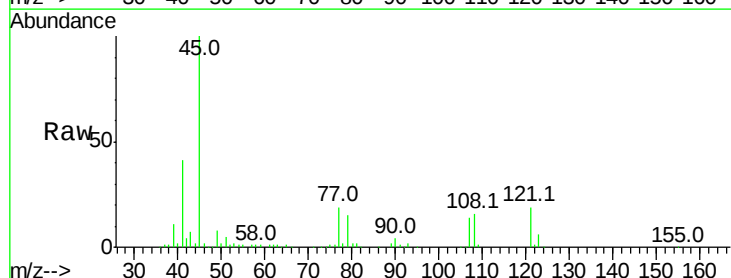
Tgt Ion: 45 Resp: 277312

Ion Ratio Lower Upper

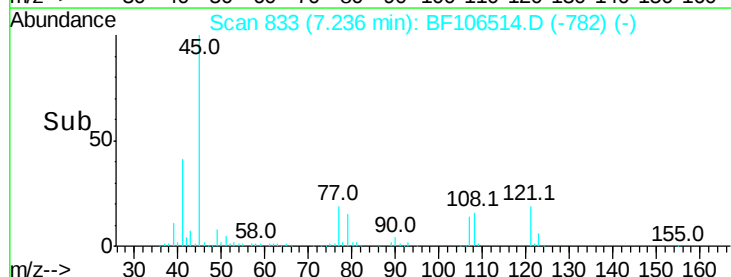
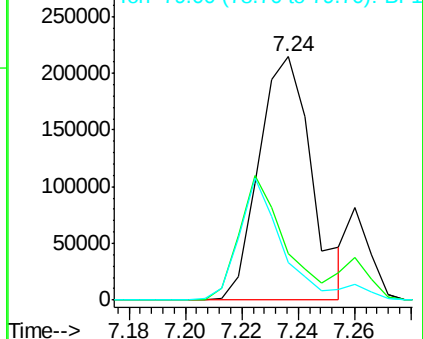
45 100

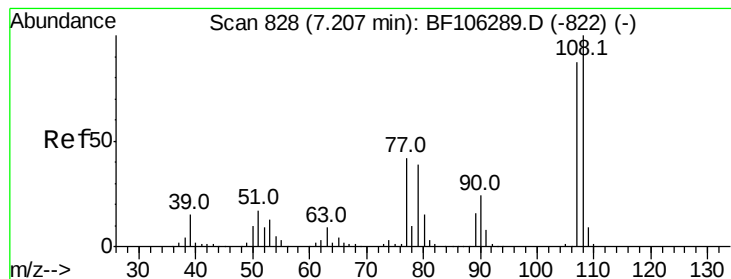
77 19.4 0.0 32.9

79 15.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





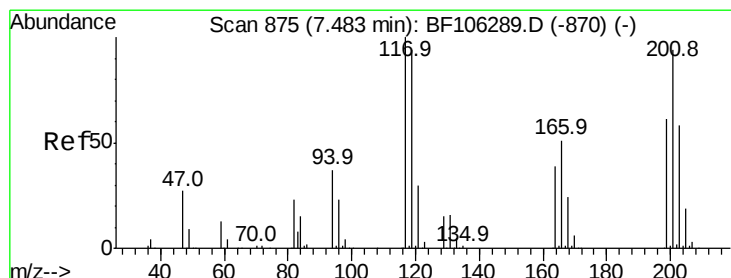
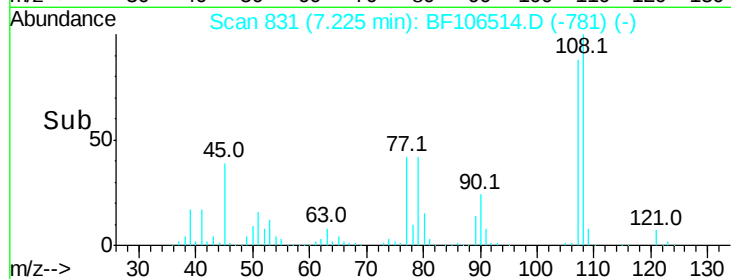
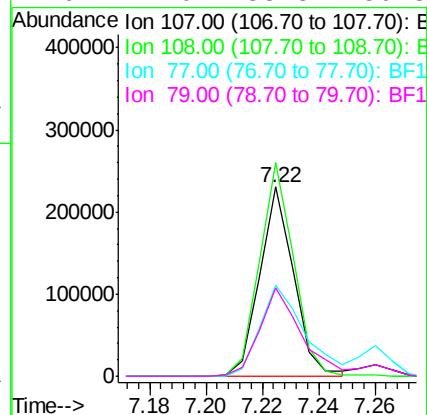
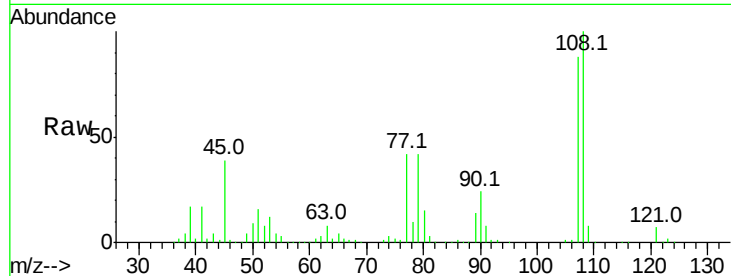
#17  
2-Methylphenol  
Concen: 35.811 ng  
RT: 7.22 min Scan# 831  
Delta R.T. -0.01 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.1 | 91.7 | 137.5 |       |
| 77      | 47.9  | 33.8 | 50.8  |       |
| 79      | 47.0  | 33.8 | 50.8  |       |

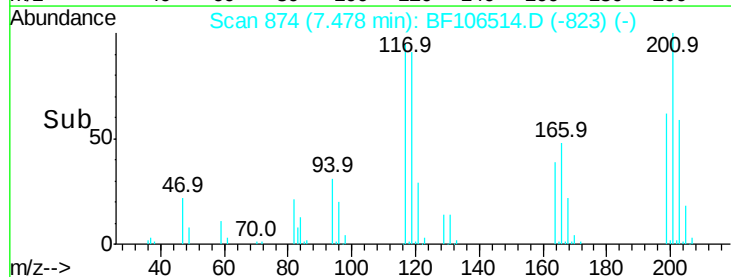
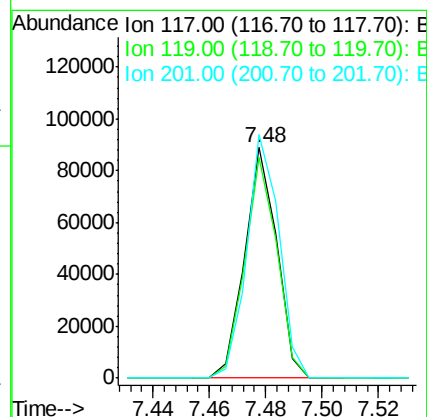
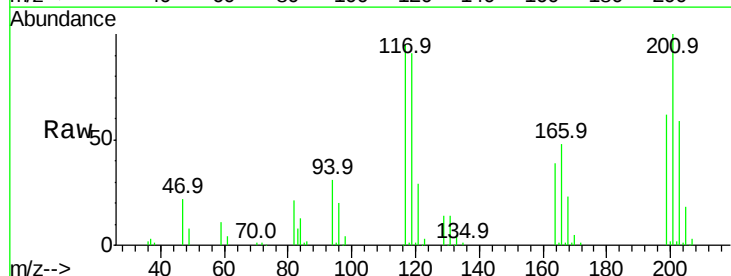
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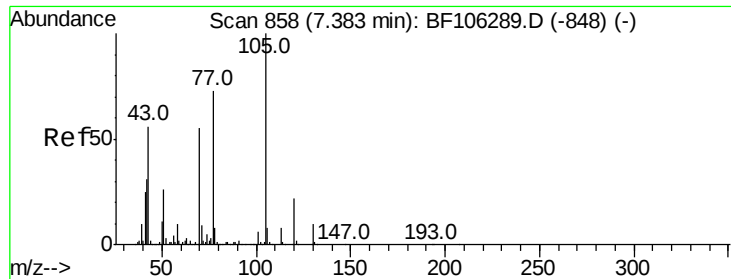
Sohil  
6/18/2018 10:38:51 AM



#18  
Hexachloroethane  
Concen: 27.340 ng  
RT: 7.48 min Scan# 874  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.8  | 75.8 | 113.8 |       |
| 201     | 105.6 | 75.7 | 113.5 |       |





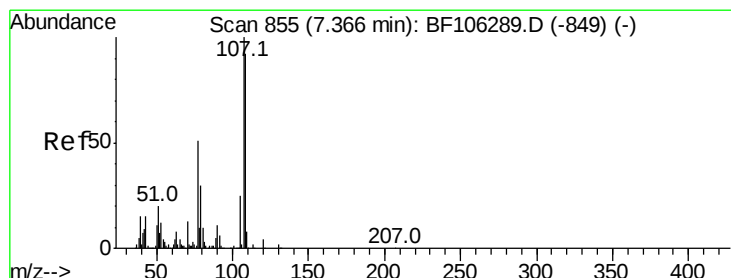
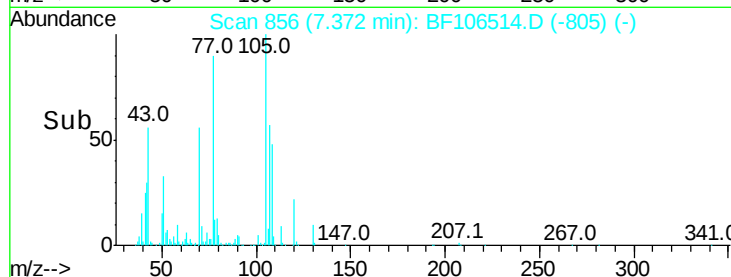
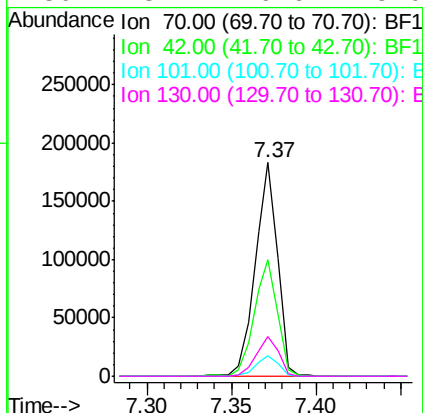
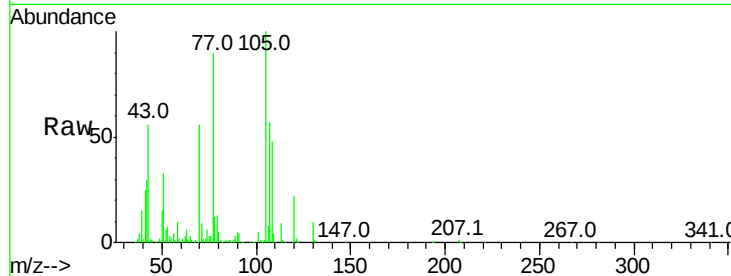
#19  
n-Nitroso-di-n-propylamine  
Concen: 31.579 ng  
RT: 7.37 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 70    | Resp  | 167841 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 54.8  | 47.5  | 71.3   |
| 101       | 9.3   | 7.4   | 11.2   |
| 130       | 18.7  | 16.6  | 25.0   |

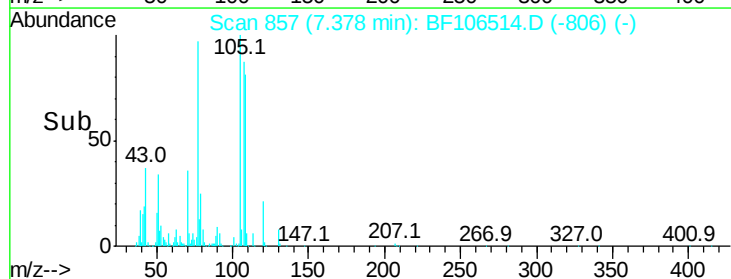
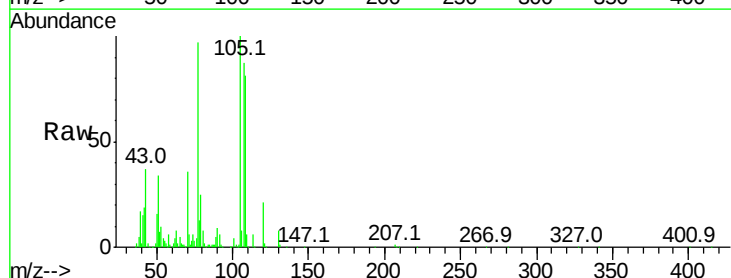
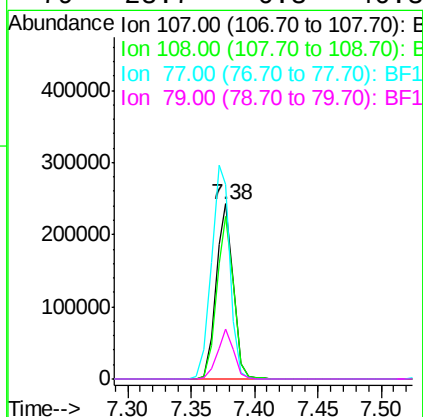
Manual Integrations  
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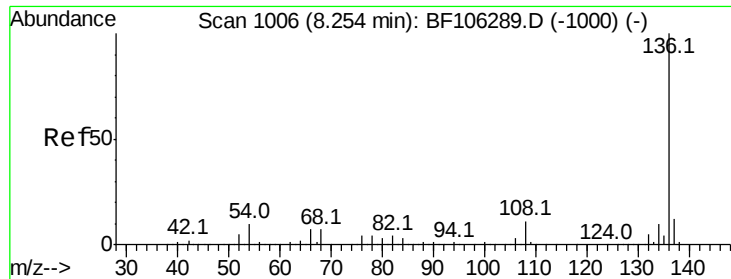
Sohil  
6/18/2018 10:38:51 AM



#20  
3+4-Methylphenols  
Concen: 33.589 ng  
RT: 7.38 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion   | 107   | Resp  | 231092 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 93.0  | 68.2  | 108.2  |
| 77        | 110.7 | 26.7  | 66.7#  |
| 79        | 28.7  | 6.3   | 46.3   |





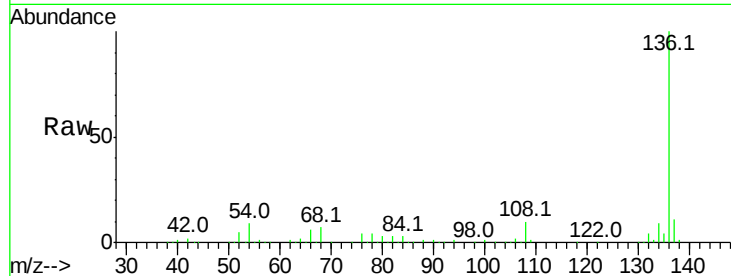
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

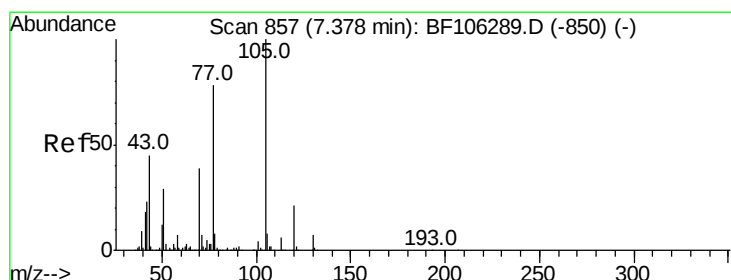
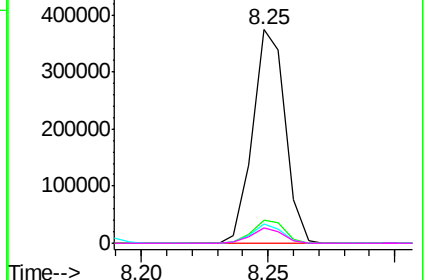
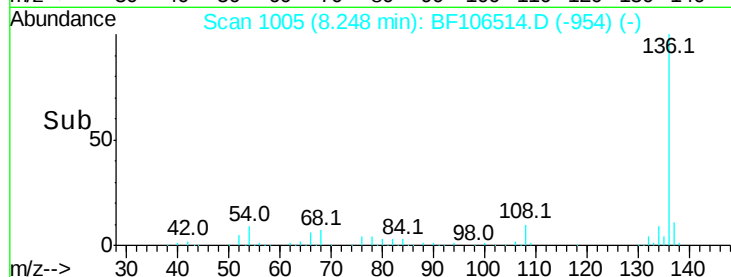
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 11.0  | 8.9        | 13.3  |
| 54      | 8.9   | 6.6        | 9.8   |
| 68      | 7.2   | 5.0        | 7.4   |

Manual Integrations  
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6/18/2018 10:38:51 AM

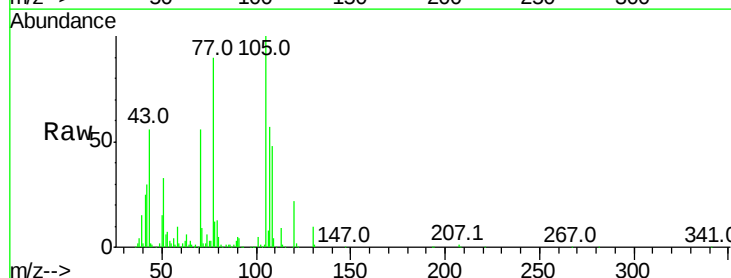


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

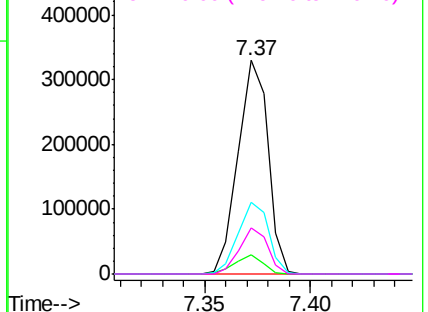
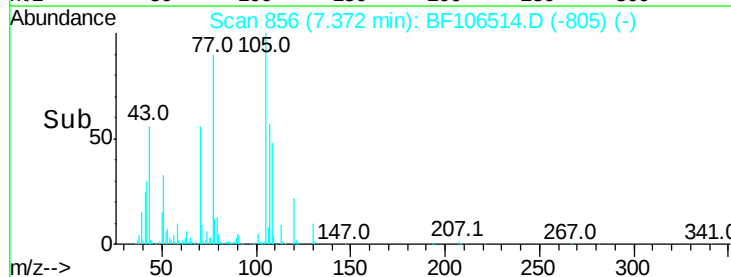


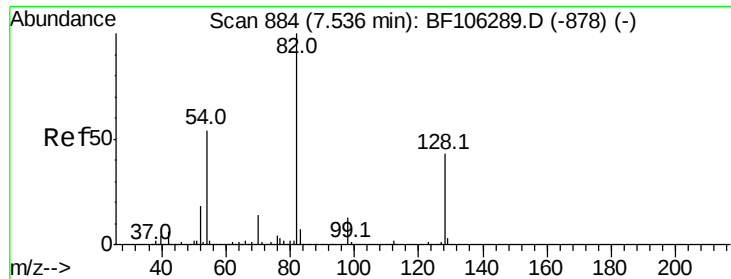
#22  
Acetophenone  
Concen: 38.667 ng  
RT: 7.37 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 9.1   | 4.4        | 6.6#  |
| 51      | 33.3  | 22.3       | 33.5  |
| 120     | 21.6  | 16.9       | 25.3  |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E





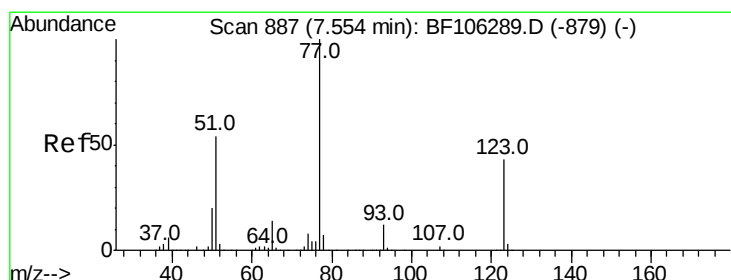
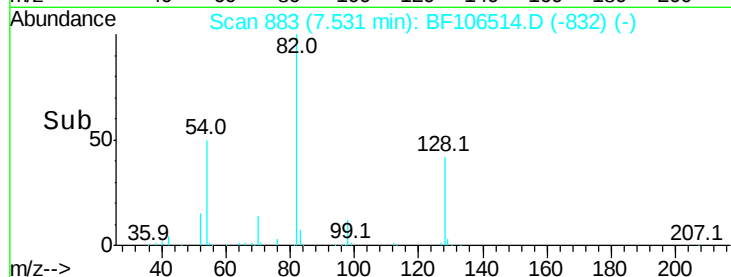
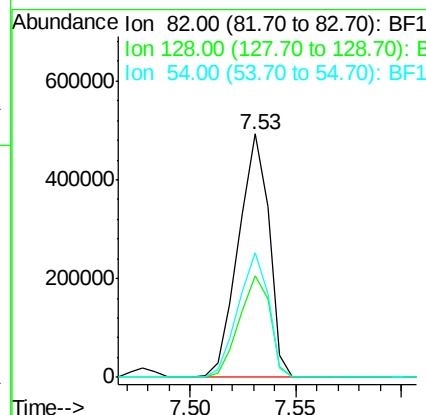
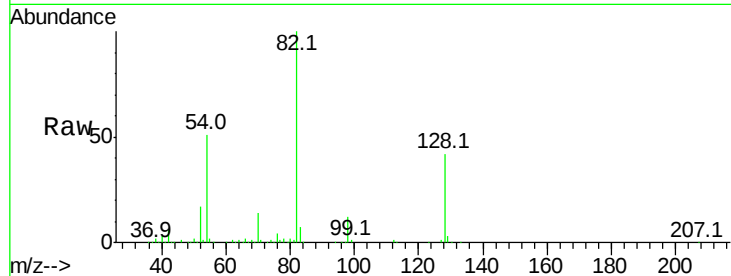
#23  
Nitrobenzene-d5  
Concen: 87.083 ng  
RT: 7.53 min Scan# 883  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.7  | 36.1  | 54.1  |
| 54      | 51.0  | 41.4  | 62.2  |

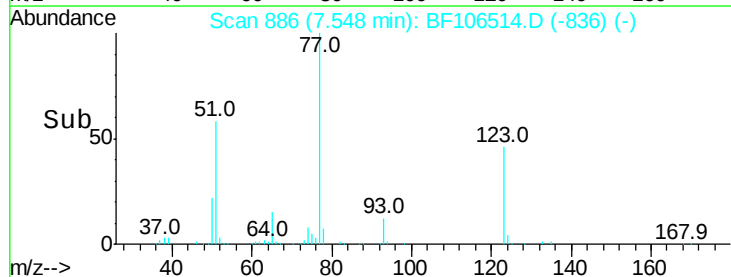
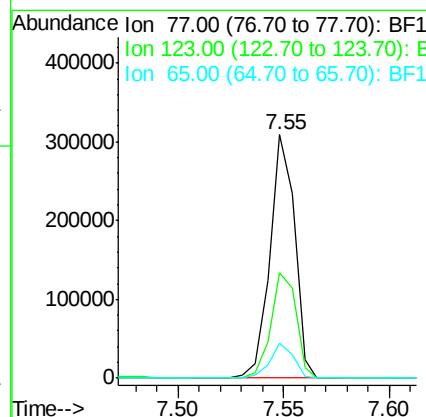
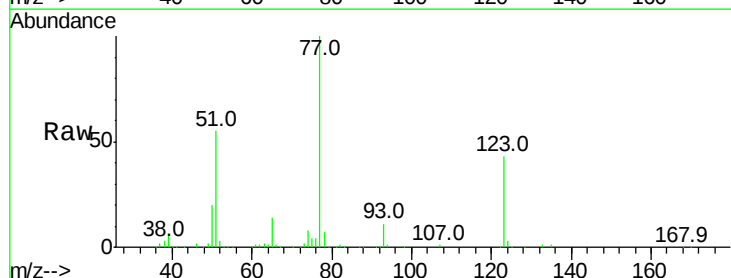
Manual Integrations  
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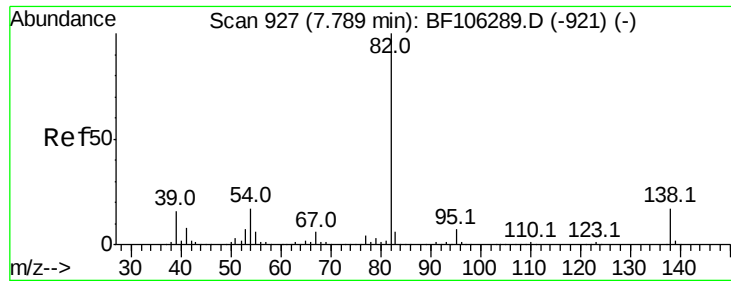
Sohil  
6/18/2018 10:38:51 AM



#24  
Nitrobenzene  
Concen: 40.919 ng  
RT: 7.55 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.1  | 37.9  | 56.9  |
| 65      | 14.3  | 11.0  | 16.4  |





#25

Isophorone

Concen: 36.642 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

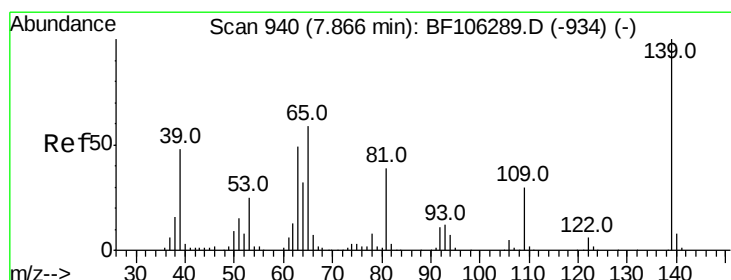
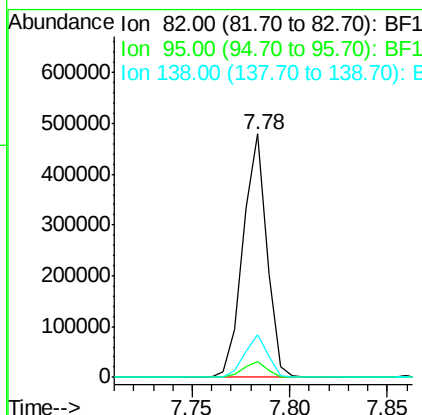
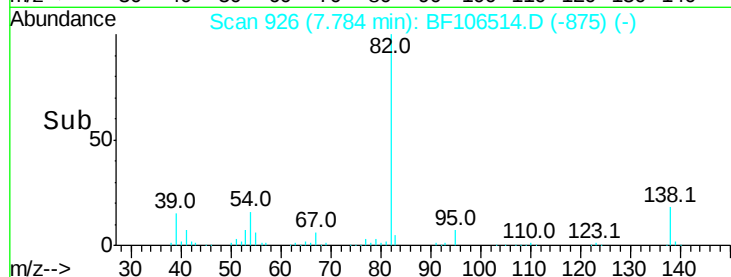
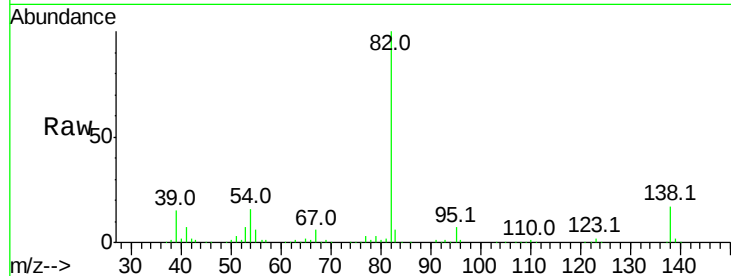
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 405293 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.7   | 5.2   | 7.8    |
| 138       | 17.3  | 14.9  | 22.3   |

Manual Integrations  
APPROVED

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#26

2-Nitrophenol

Concen: 25.632 ng

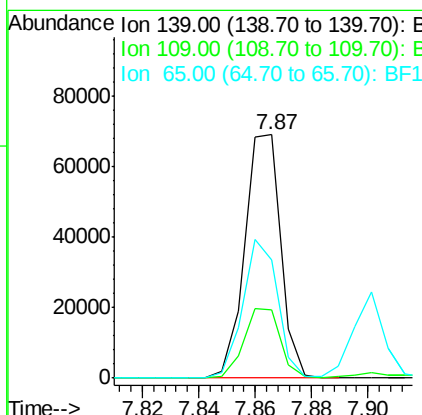
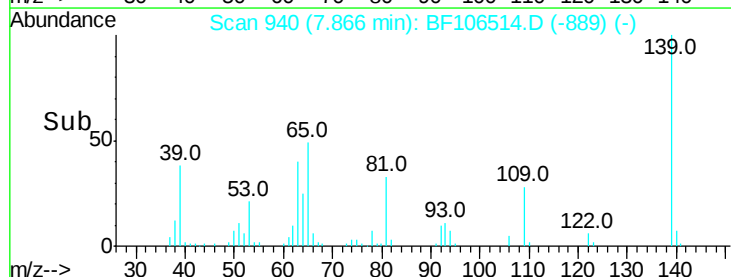
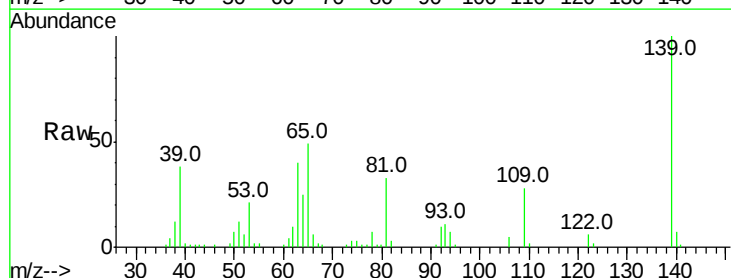
RT: 7.87 min Scan# 940

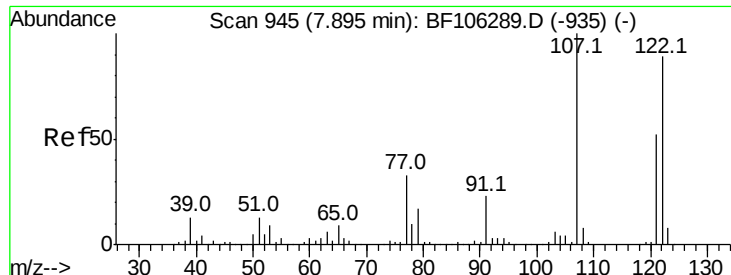
Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 61236 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 28.1  | 22.7  | 34.1  |
| 65        | 48.7  | 40.5  | 60.7  |





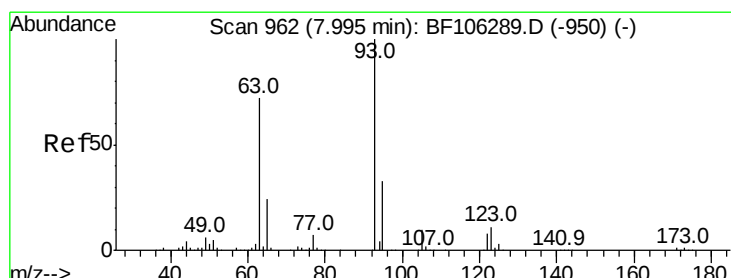
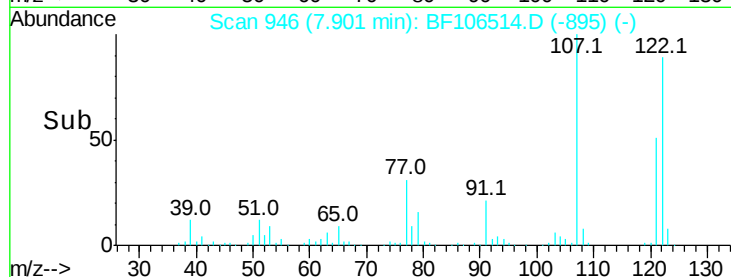
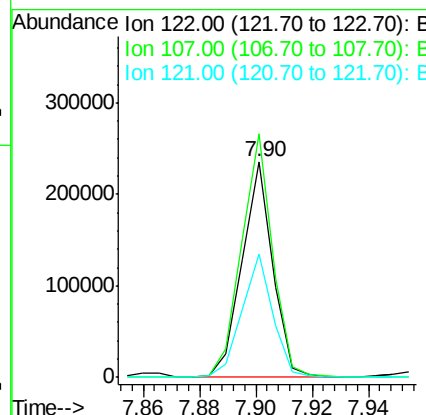
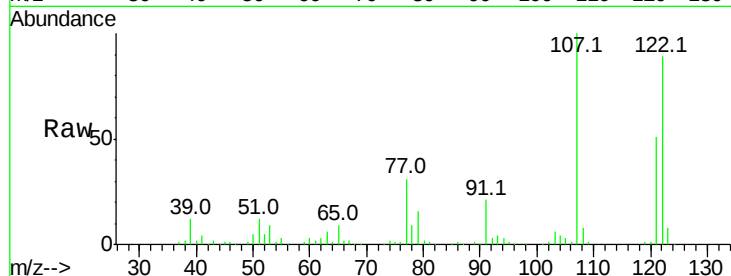
#27  
2,4-Dimethylphenol  
Concen: 38.126 ng  
RT: 7.90 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.9 | 91.2  | 136.8 |
| 121     | 57.0  | 47.2  | 70.8  |

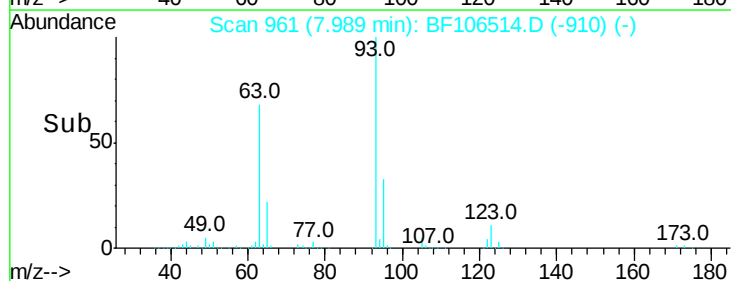
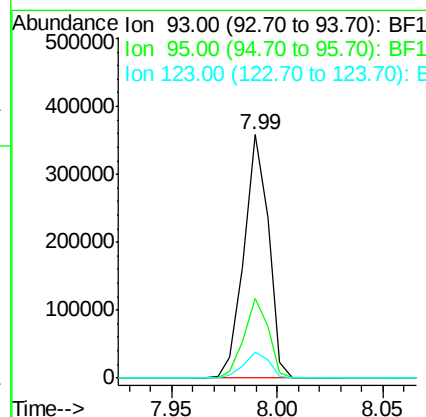
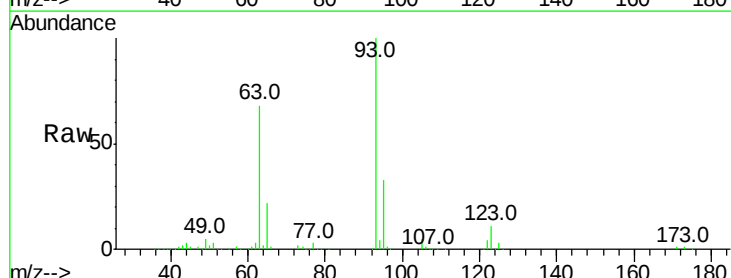
Manual Integrations  
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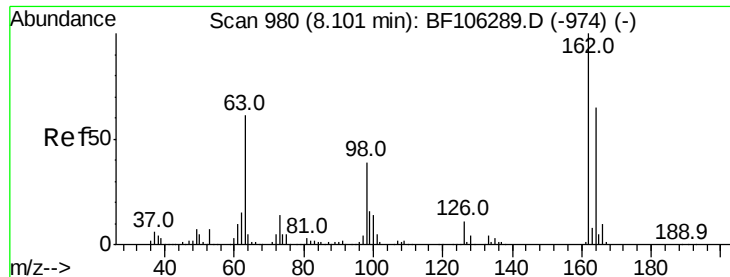
Sohil  
6/18/2018 10:38:51 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.102 ng  
RT: 7.99 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 26.3  | 39.5  |
| 123     | 10.5  | 9.8   | 14.6  |





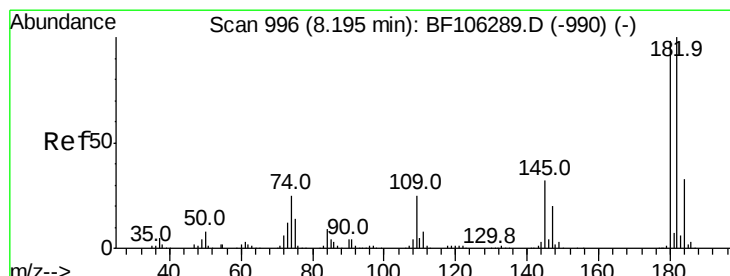
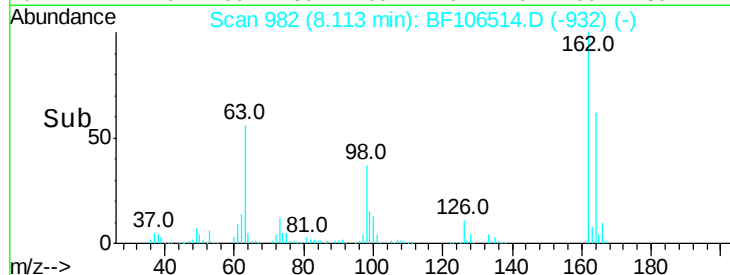
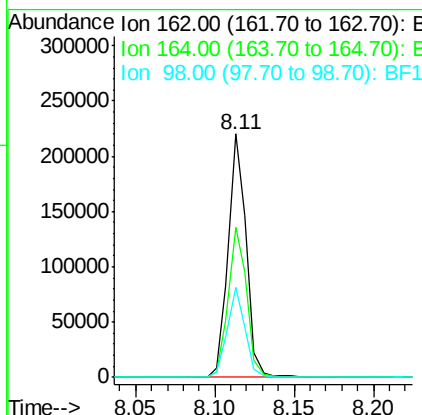
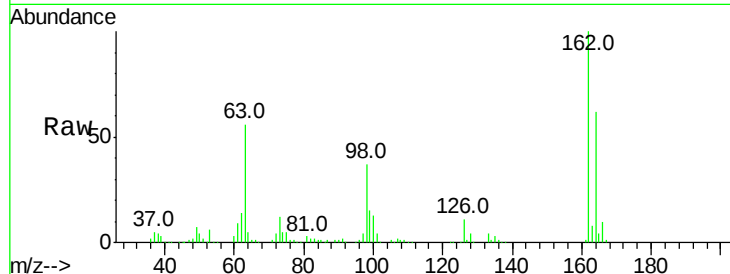
#29  
2,4-Dichlorophenol  
Concen: 38.271 ng  
RT: 8.11 min Scan# 982  
Delta R.T. -0.01 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 61.6  | 42.7       | 82.7       |
| 98      | 37.2  | 18.1       | 58.1       |

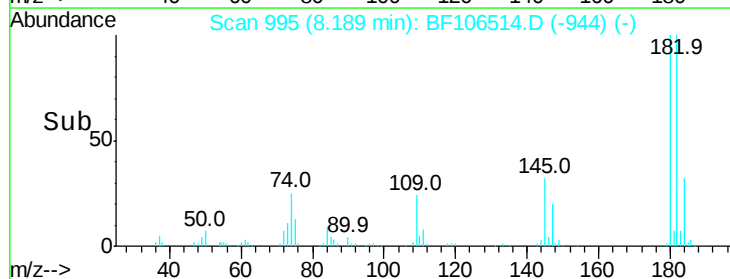
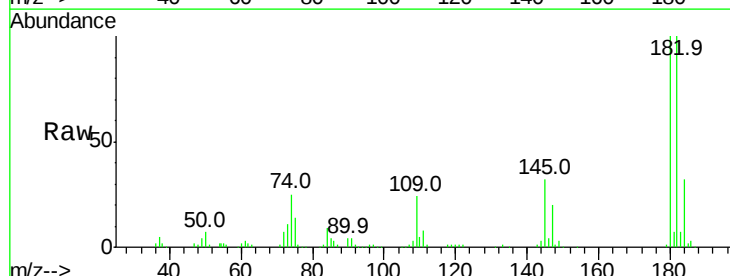
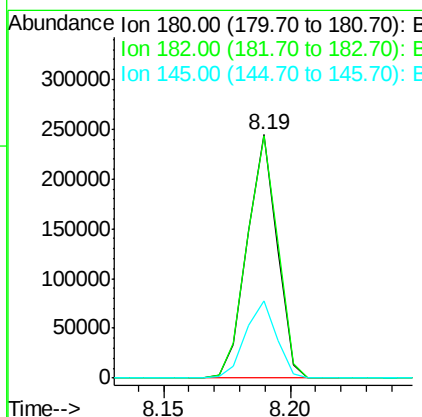
Manual Integrations  
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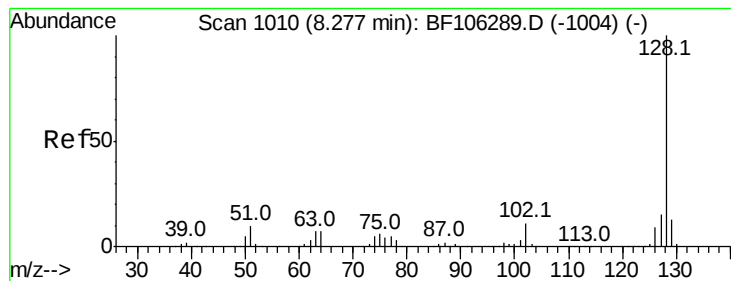
Sohil  
6/18/2018 10:38:51 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 39.851 ng  
RT: 8.19 min Scan# 995  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 99.7  | 76.8       | 115.2      |
| 145     | 31.7  | 26.5       | 39.7       |





#31

Naphthalene

Concen: 40.956 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

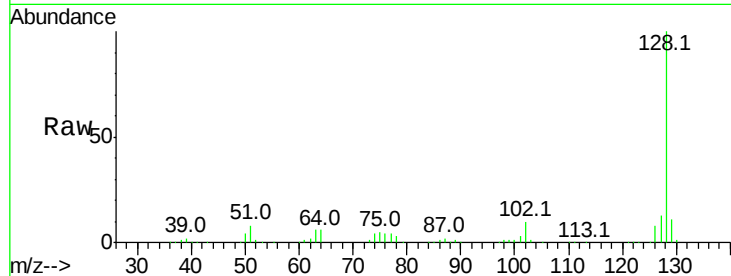
ClientSampleId :

SSTDCCC040

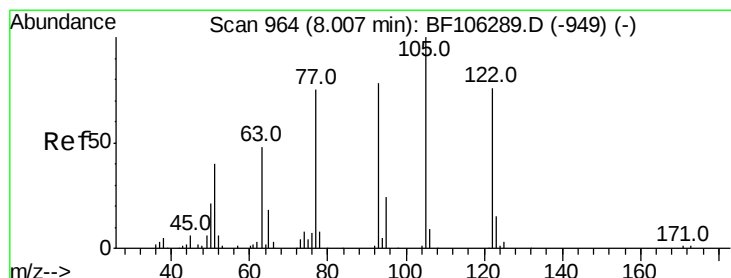
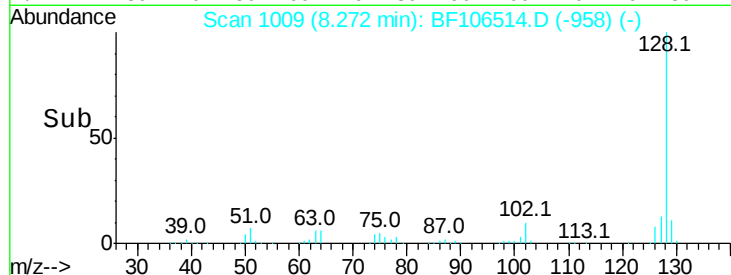
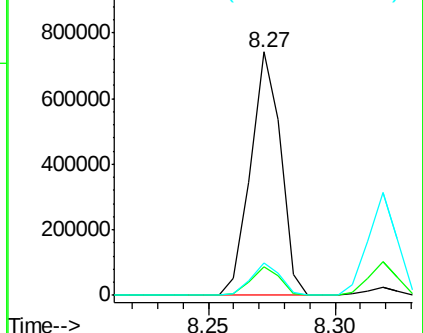
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 616775 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.5  | 8.8   | 13.2   |
| 127       | 13.2  | 10.9  | 16.3   |

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



#32

Benzoic acid

Concen: 17.014 ng m

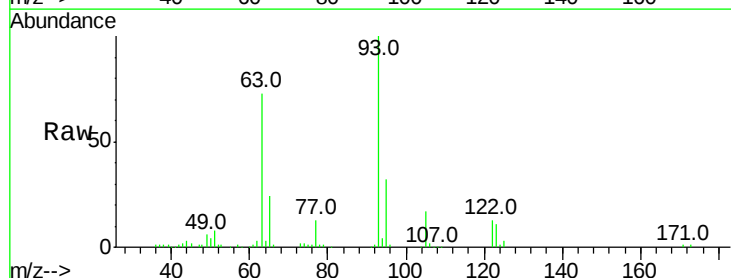
RT: 7.98 min Scan# 960

Delta R.T. -0.02 min

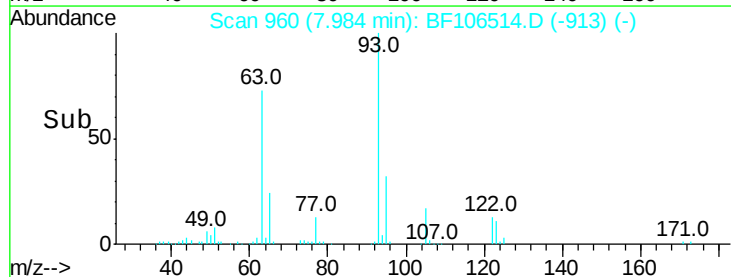
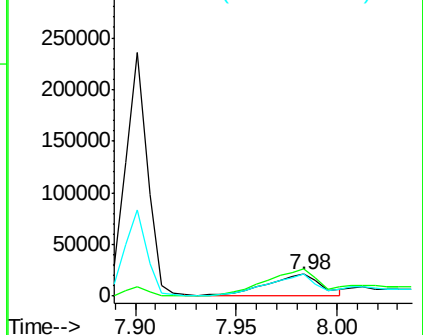
Lab File: BF106514.D

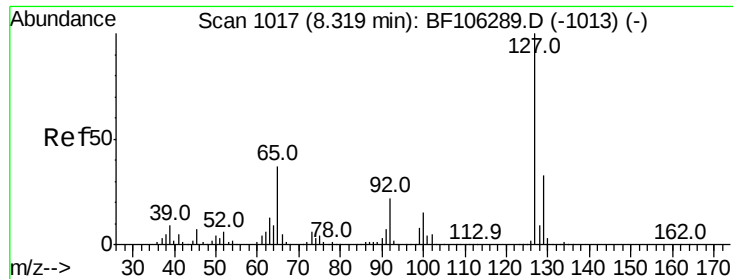
Acq: 16 Jun 2018 2:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 39601 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 126.5 | 101.1 | 141.1 |
| 77        | 101.3 | 70.7  | 110.7 |



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





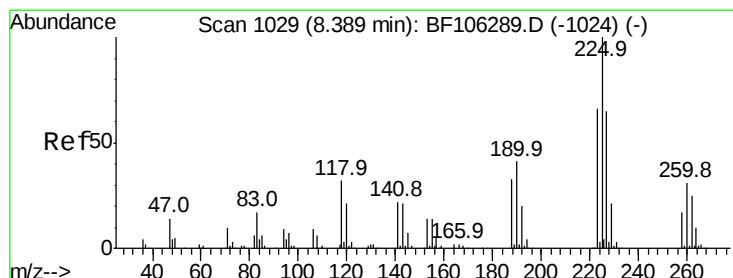
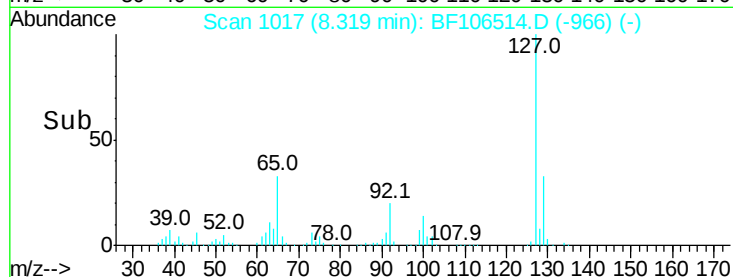
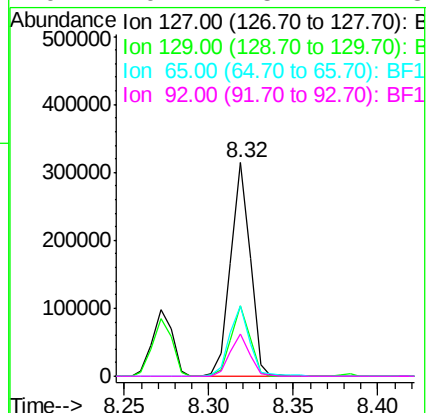
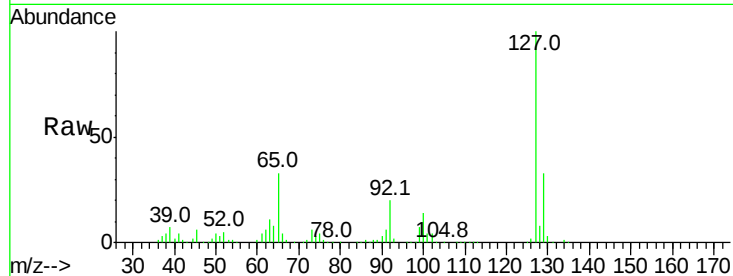
#33  
4-Chloroaniline  
Concen: 37.736 ng  
RT: 8.32 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 32.9  | 25.9       | 38.9  |
| 65      | 33.0  | 25.0       | 37.4  |
| 92      | 19.7  | 15.2       | 22.8  |

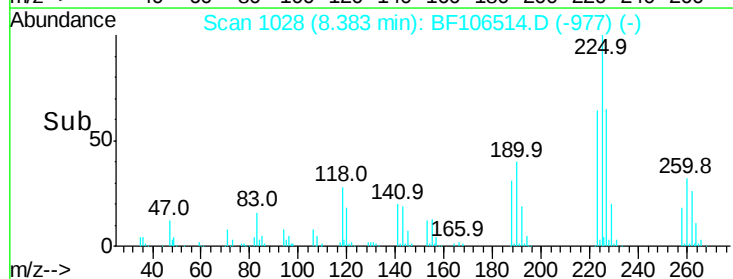
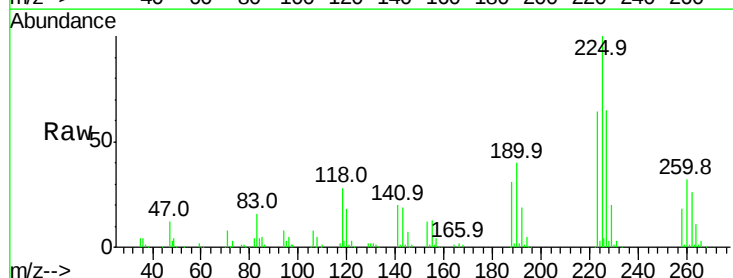
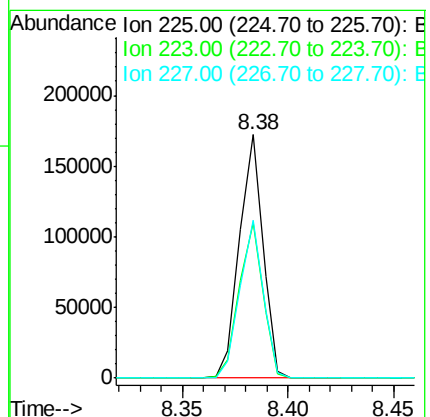
Manual Integrations  
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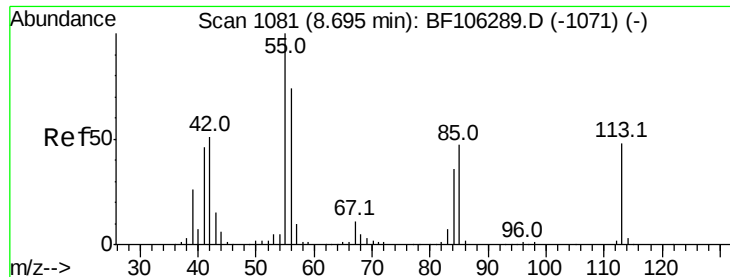
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 40.729 ng  
RT: 8.38 min Scan# 1028  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 64.0  | 50.6       | 76.0  |
| 227     | 64.8  | 51.9       | 77.9  |





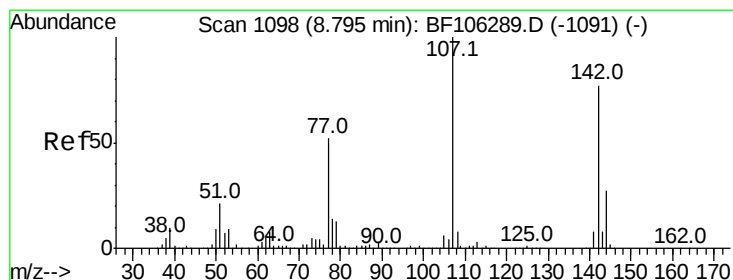
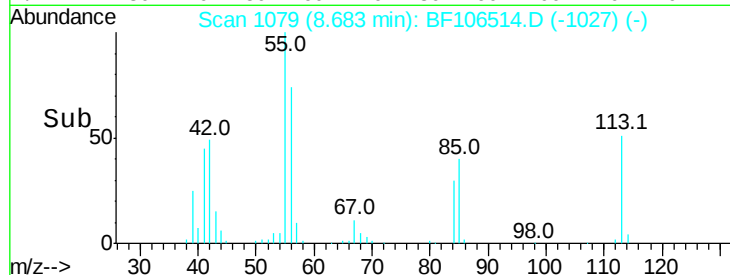
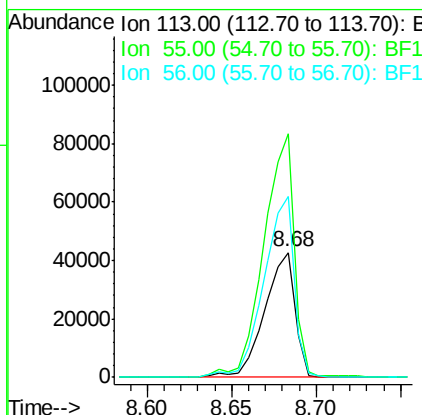
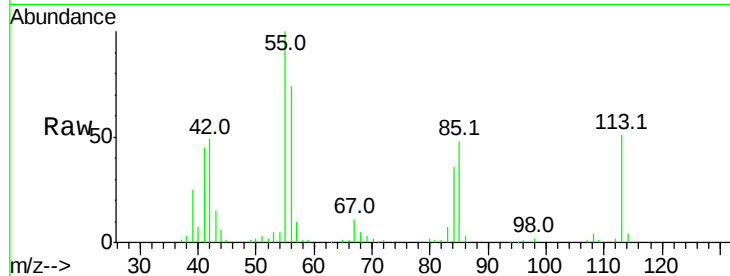
#35  
 Caprolactam  
 Concen: 34.586 ng  
 RT: 8.68 min Scan# 1079  
 Delta R.T. 0.01 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 194.5 | 163.3 | 203.3 |
| 56      | 144.2 | 115.7 | 155.7 |

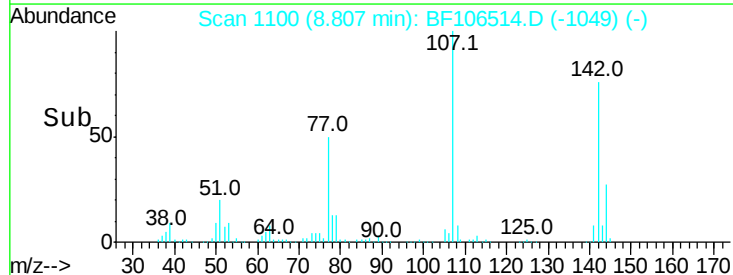
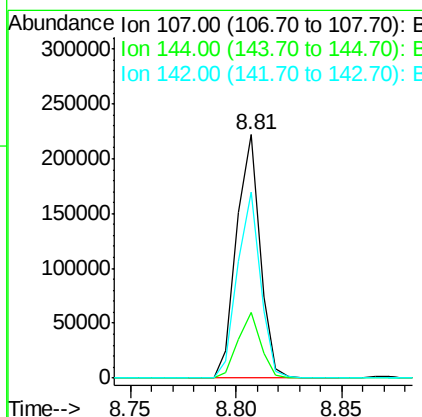
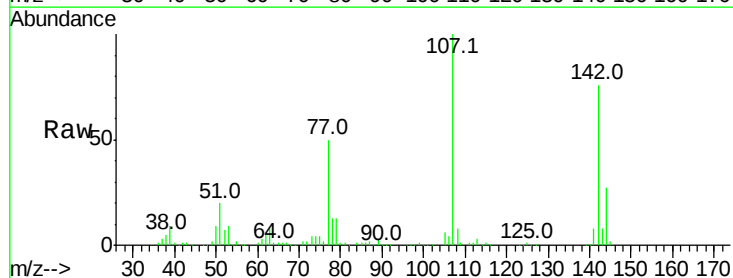
Manual Integrations  
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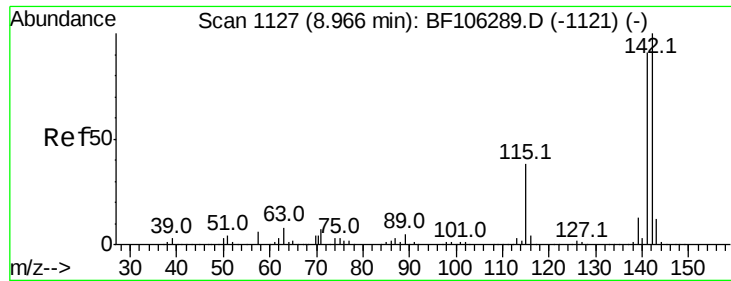
Sohil  
 6/18/2018 10:38:51 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 34.191 ng  
 RT: 8.81 min Scan# 1100  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.2  | 20.5  | 30.7  |
| 142     | 76.2  | 62.0  | 93.0  |





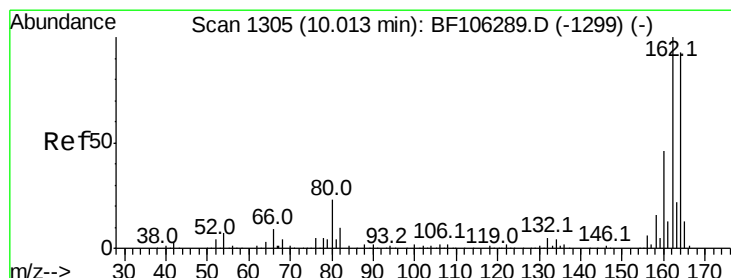
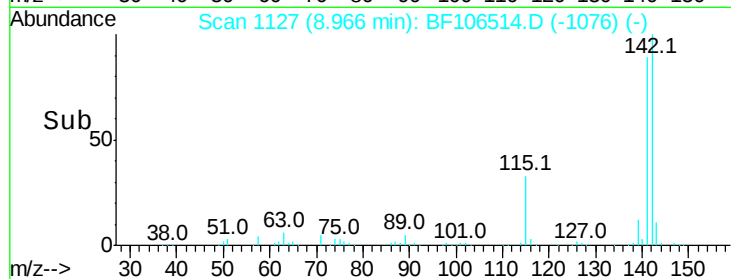
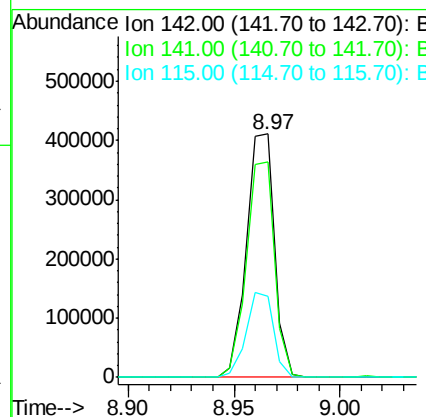
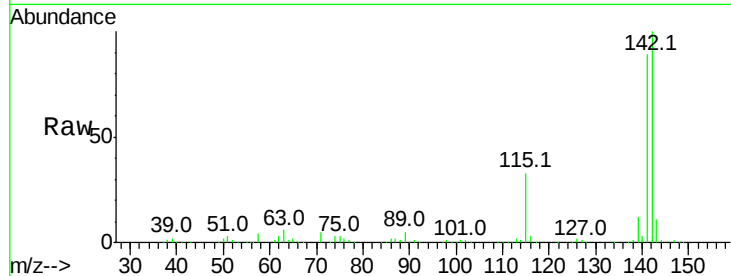
#37  
2-Methylnaphthalene  
Concen: 36.886 ng  
RT: 8.97 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.6  | 70.8  | 106.2 |
| 115     | 33.3  | 26.1  | 39.1  |

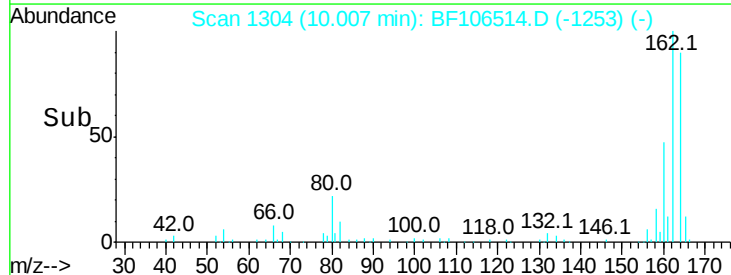
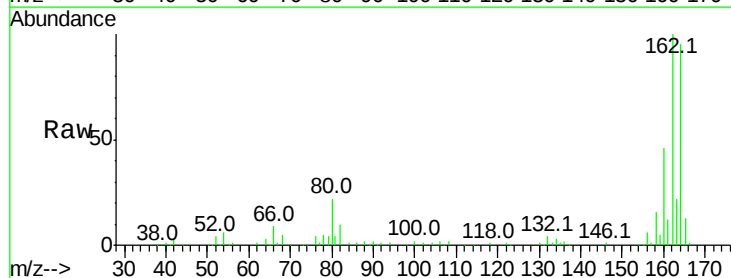
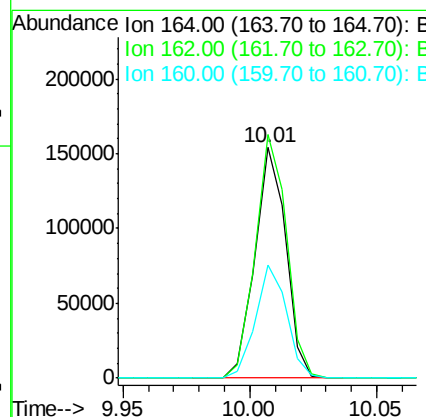
Manual Integrations  
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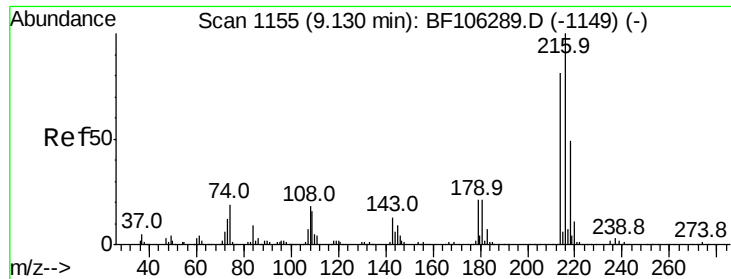
Sohil  
6/18/2018 10:38:51 AM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.01 min Scan# 1304  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.7 | 86.1  | 129.1 |
| 160     | 49.1  | 38.3  | 57.5  |





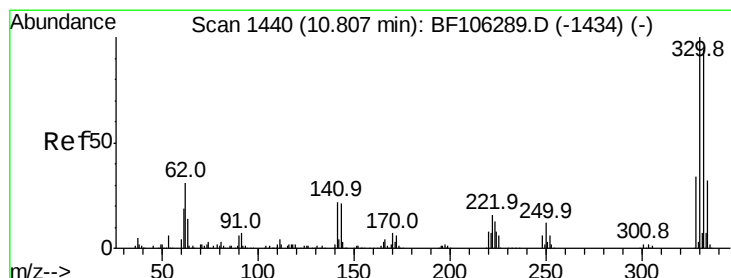
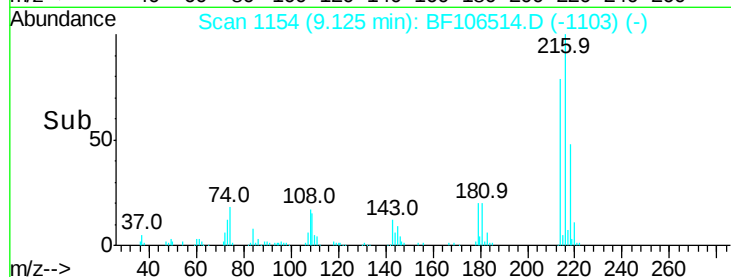
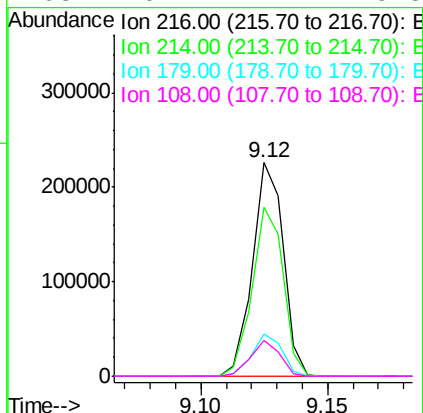
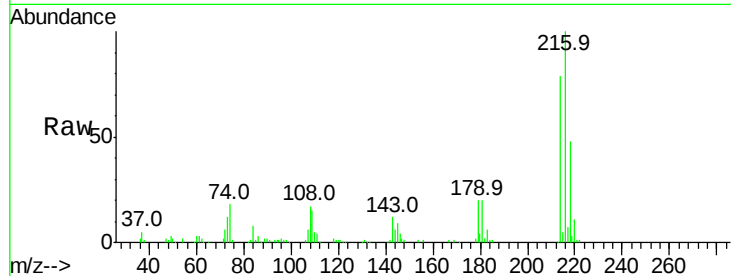
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.327 ng  
 RT: 9.12 min Scan# 1154  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 79.3  | 63.0       | 94.4  |
| 179     | 19.2  | 18.1       | 27.1  |
| 108     | 16.2  | 17.2       | 25.8# |

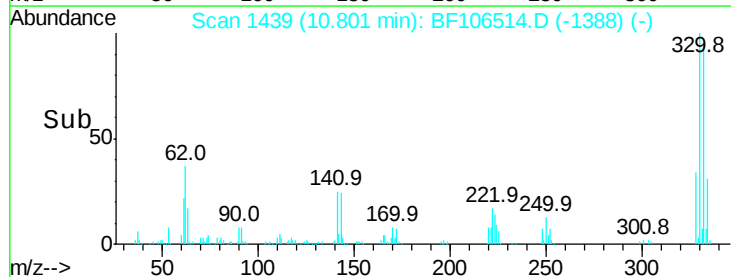
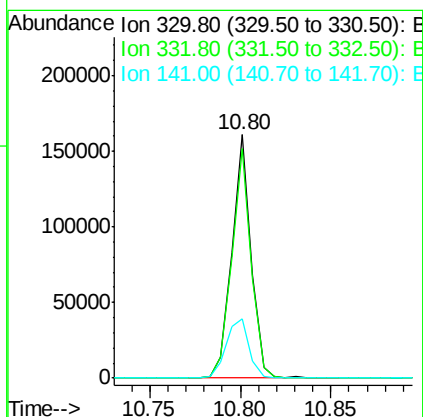
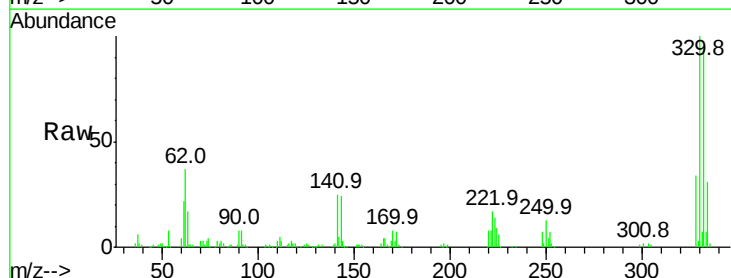
Manual Integrations  
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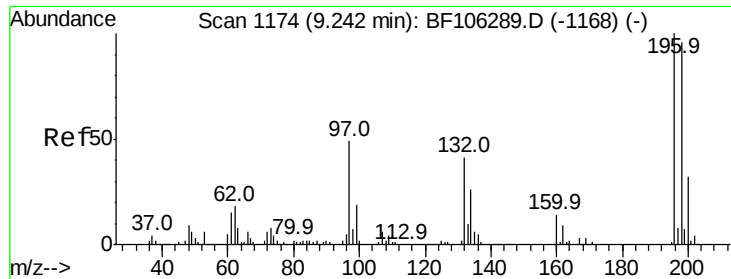
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 6/18/2018 10:38:51 AM



#41  
 2,4,6-Tribromophenol  
 Concen: 94.810 ng  
 RT: 10.80 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 95.2  | 77.0       | 115.6 |
| 141     | 29.1  | 29.9       | 44.9# |





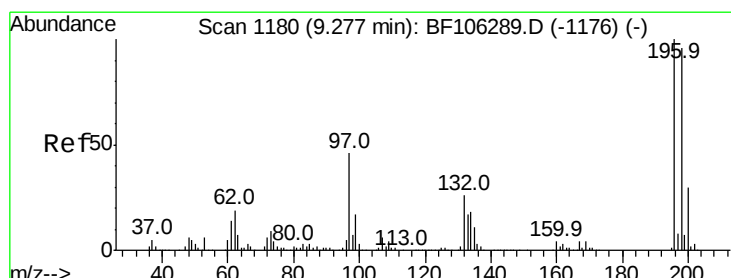
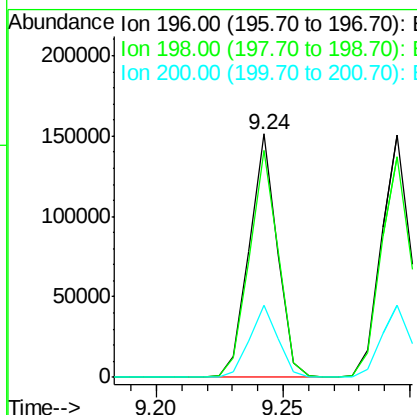
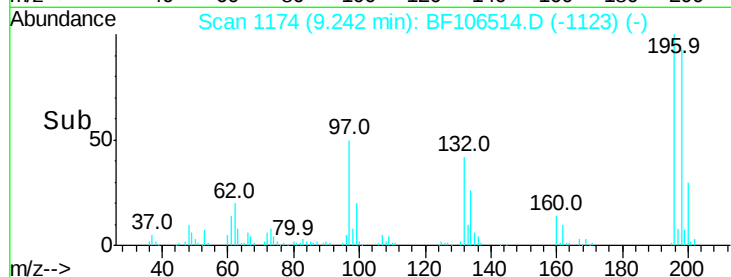
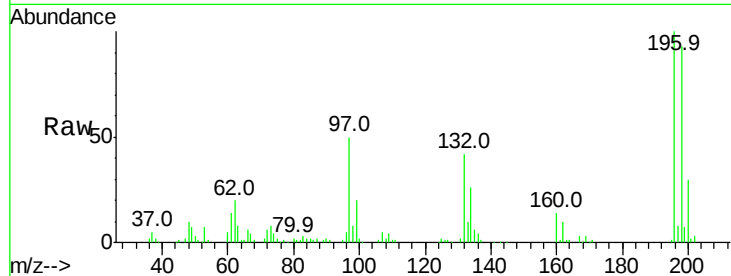
#42  
 2,4,6-Trichlorophenol  
 Concen: 43.335 ng  
 RT: 9.24 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 117148 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.3  | 75.7  | 113.5  |
| 200       | 29.6  | 24.5  | 36.7   |

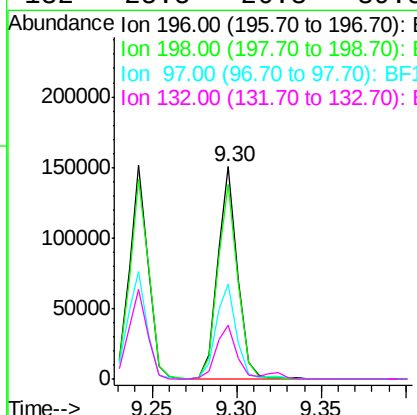
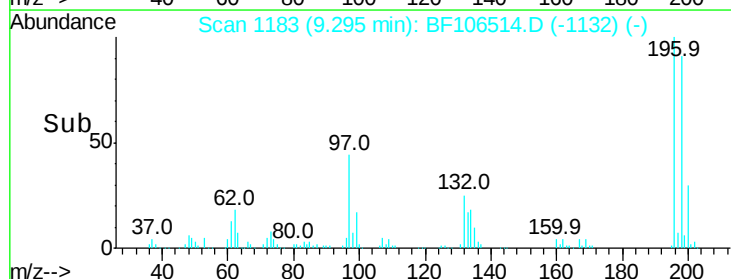
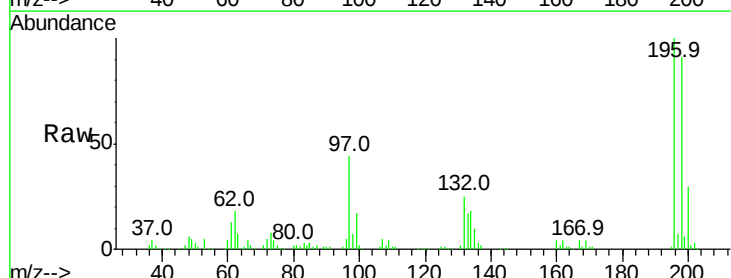
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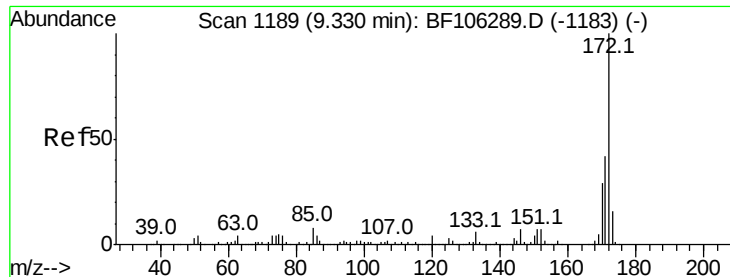
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 6/18/2018 10:38:51 AM



#43  
 2,4,5-Trichlorophenol  
 Concen: 42.385 ng  
 RT: 9.30 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 123521 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 91.3  | 74.6  | 112.0  |
| 97        | 44.3  | 42.9  | 64.3   |
| 132       | 25.5  | 26.3  | 39.5#  |





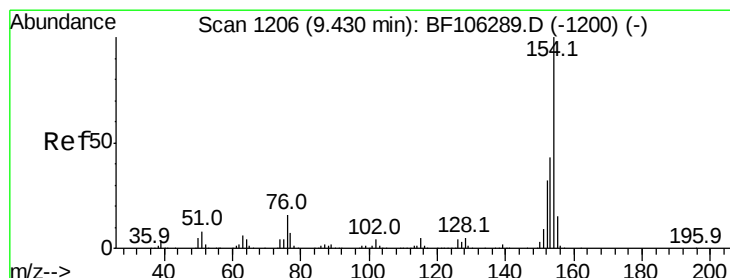
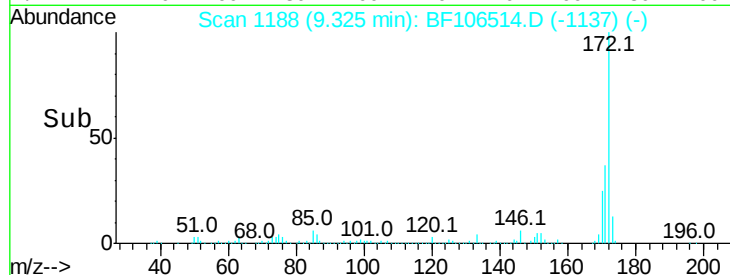
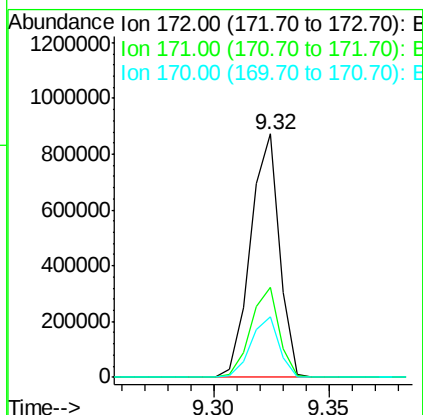
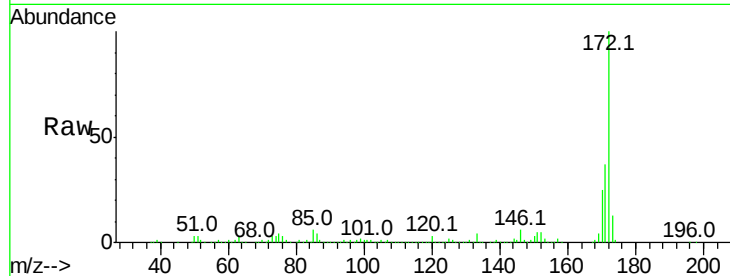
#44  
2-Fluorobiphenyl  
Concen: 115.758 ng  
RT: 9.32 min Scan# 1188  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.9  | 29.7  | 44.5  |
| 170     | 24.9  | 19.6  | 29.4  |

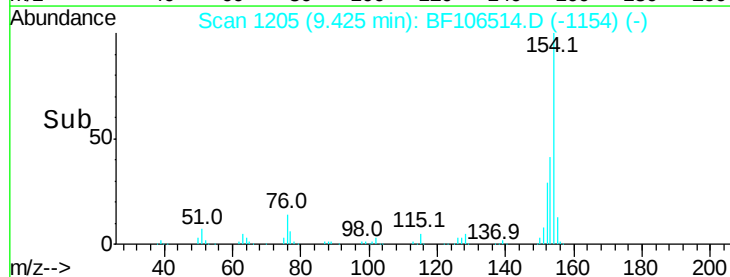
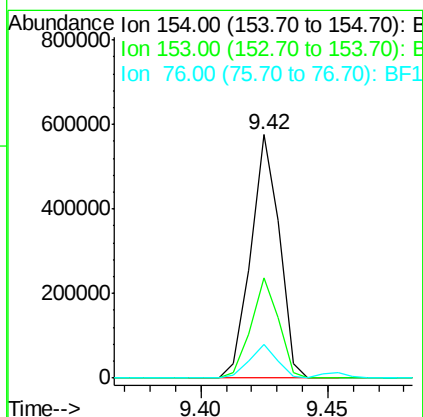
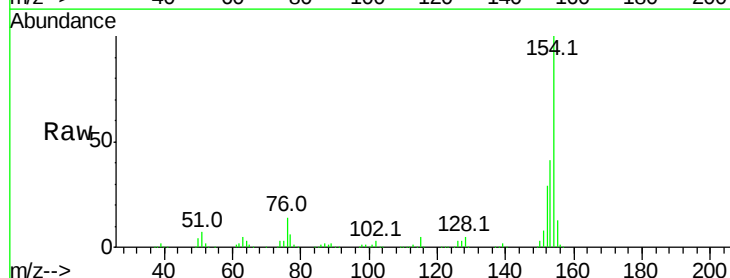
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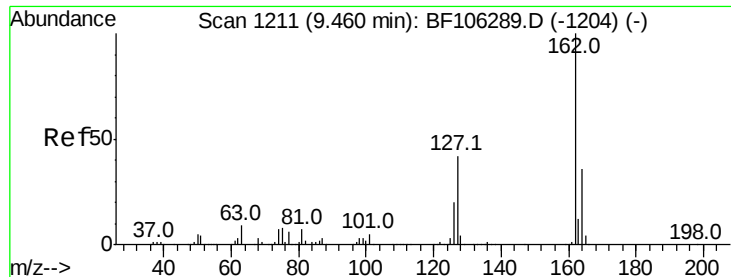
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#45  
1,1'-Biphenyl  
Concen: 44.501 ng  
RT: 9.42 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.1  | 21.3  | 61.3  |
| 76      | 14.0  | 0.0   | 34.0  |





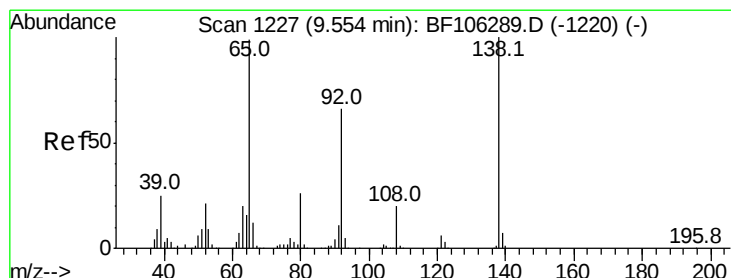
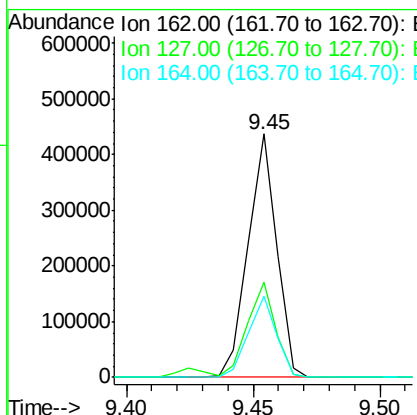
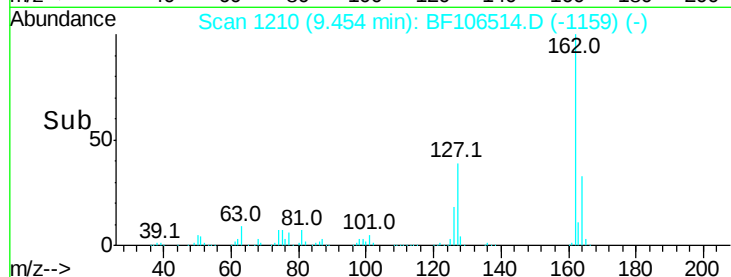
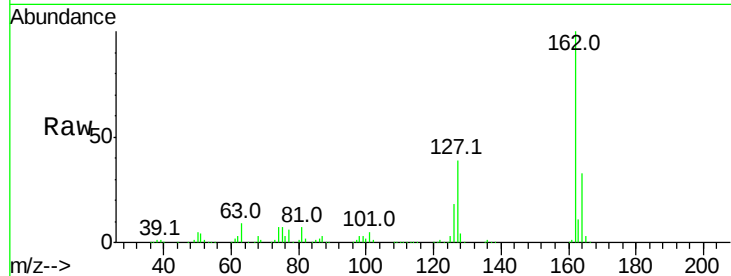
#46  
 2-Chloronaphthalene  
 Concen: 42.210 ng  
 RT: 9.45 min Scan# 1210  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 341879 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.3  | 33.9  | 50.9   |
| 164       | 33.1  | 26.5  | 39.7   |

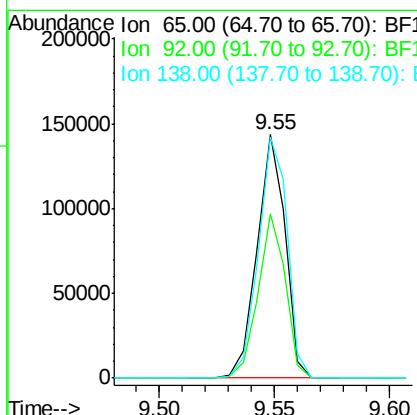
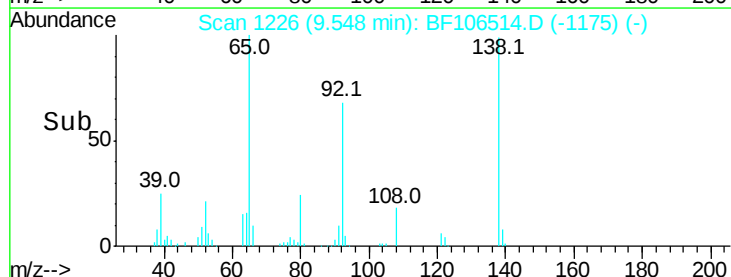
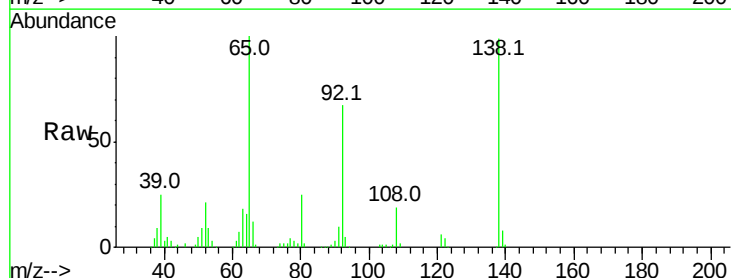
Manual Integrations  
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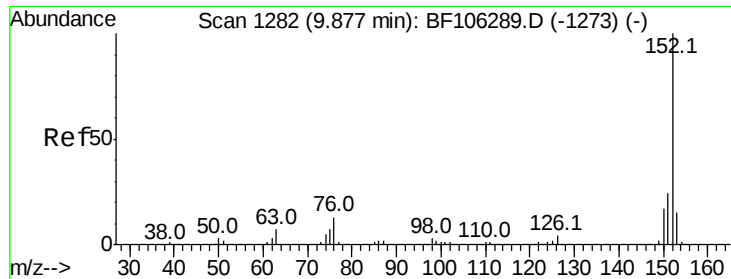
Sohil  
 6/18/2018 10:38:51 AM



#47  
 2-Nitroaniline  
 Concen: 47.687 ng  
 RT: 9.55 min Scan# 1226  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 121506 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 67.2  | 55.8  | 83.6   |
| 138       | 98.9  | 91.2  | 136.8  |





#48

Acenaphthylene

Concen: 42.621 ng

RT: 9.87 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

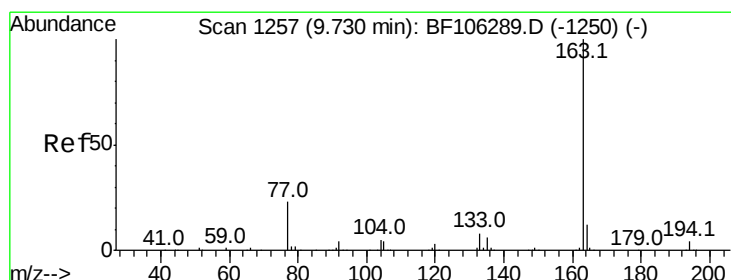
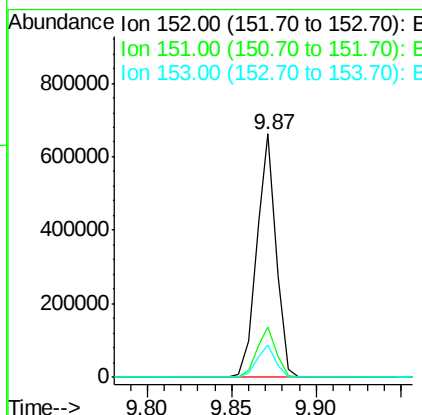
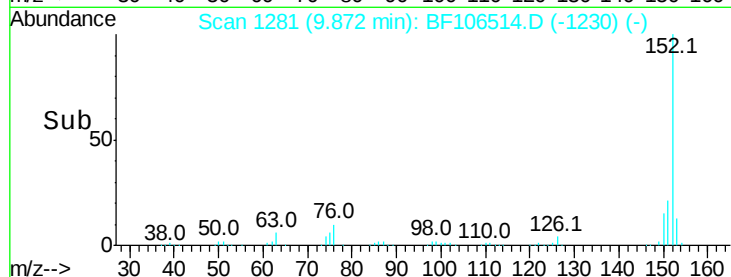
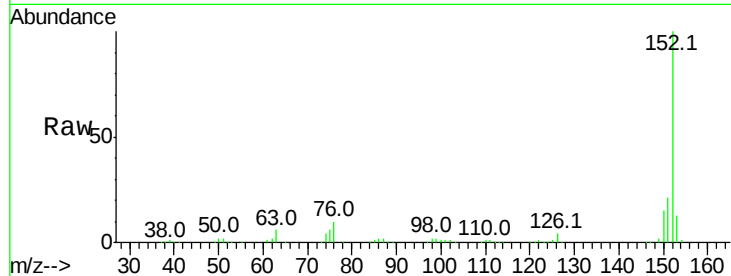
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.8  | 16.3  | 24.5  |
| 153     | 13.2  | 10.7  | 16.1  |

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#49

Dimethylphthalate

Concen: 43.648 ng

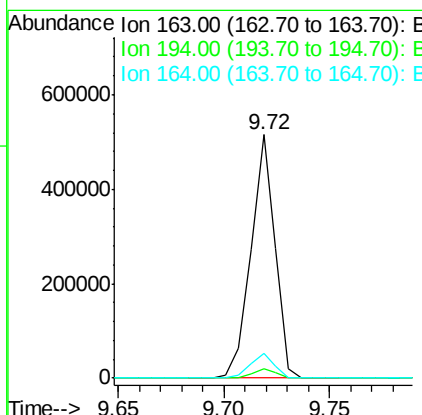
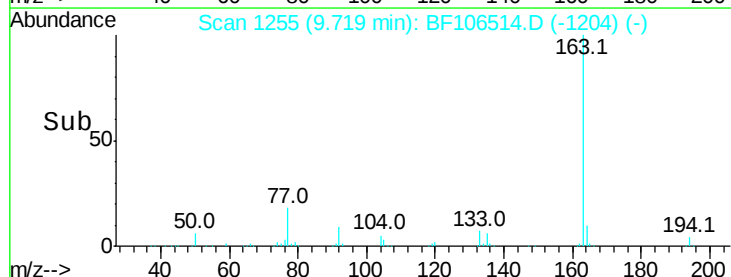
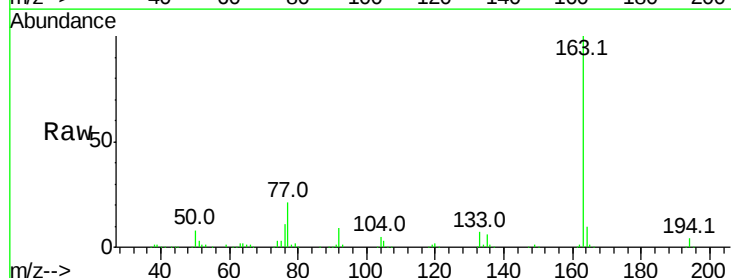
RT: 9.72 min Scan# 1255

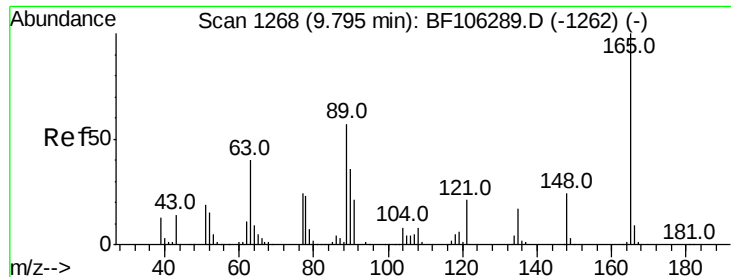
Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 2.7   | 4.1   |
| 164     | 10.3  | 8.2   | 12.2  |





#50

2,6-Dinitrotoluene

Concen: 34.798 ng

RT: 9.79 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

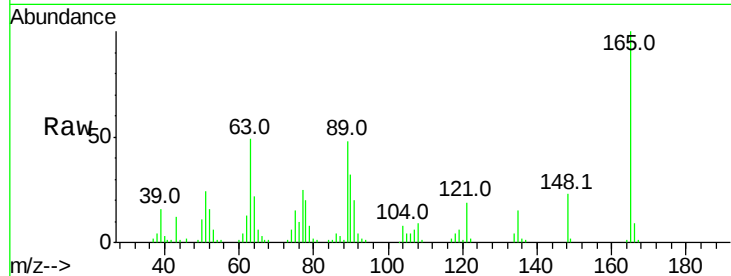
ClientSampled :

SSTDCCC040

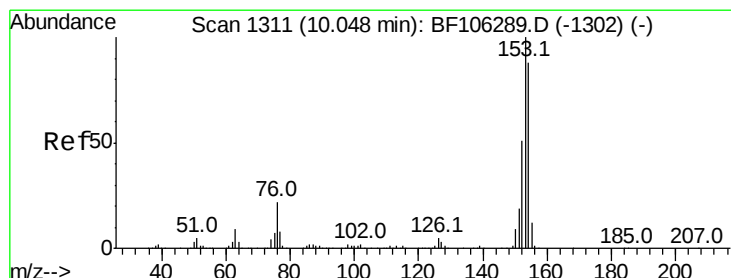
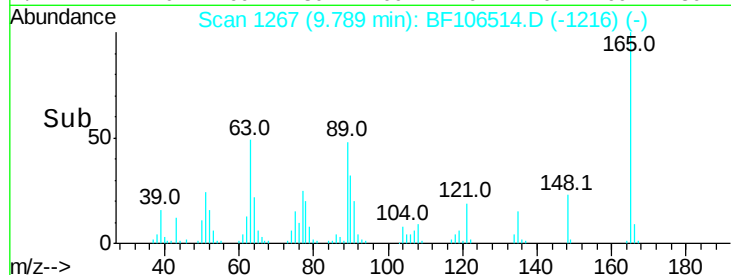
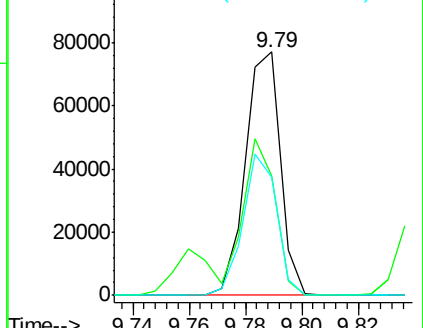
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 66358 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 49.1  | 44.7  | 67.1  |
| 89        | 48.3  | 44.0  | 66.0  |

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Abundance Ion 165.00 (164.70 to 165.70): E



#51

Acenaphthene

Concen: 38.925 ng

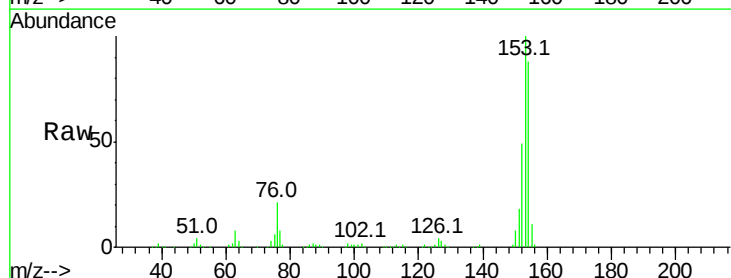
RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

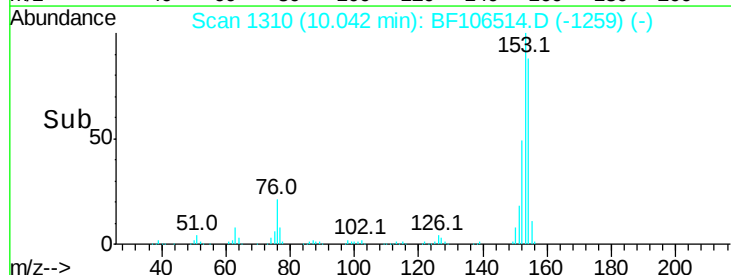
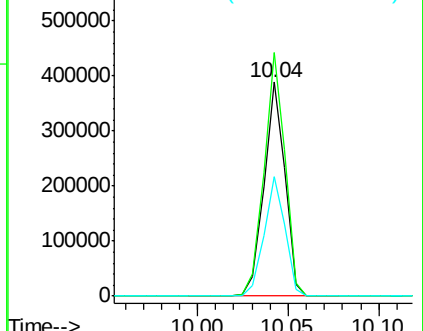
Lab File: BF106514.D

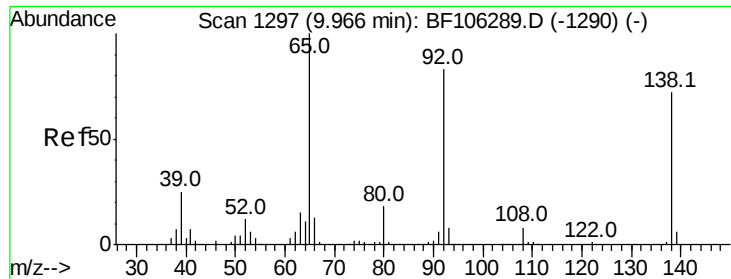
Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 311647 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.8 | 91.2  | 136.8  |
| 152       | 55.9  | 43.8  | 65.8   |



Abundance Ion 154.00 (153.70 to 154.70): E





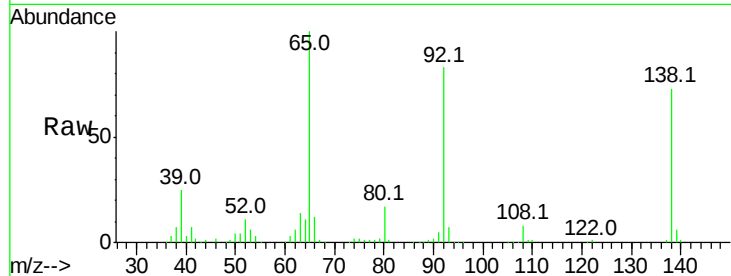
#52  
3-Nitroaniline  
Concen: 48.154 ng  
RT: 9.96 min Scan# 1296  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

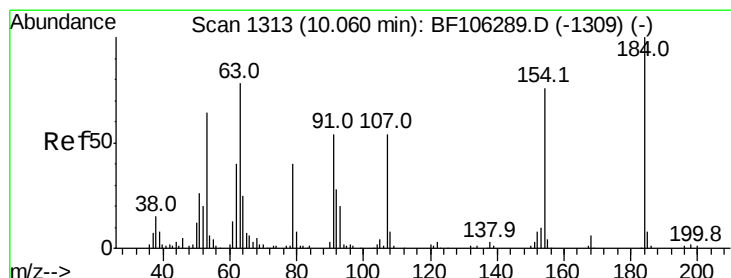
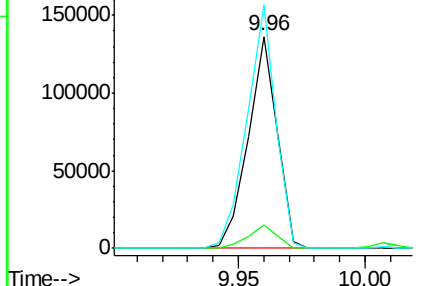
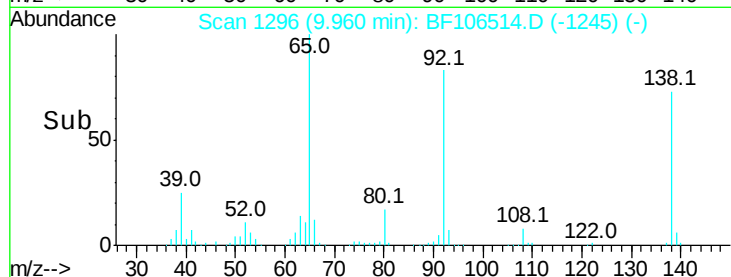
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 108     | 10.8  | 9.4  | 14.0  |       |
| 92      | 114.9 | 89.4 | 134.2 |       |

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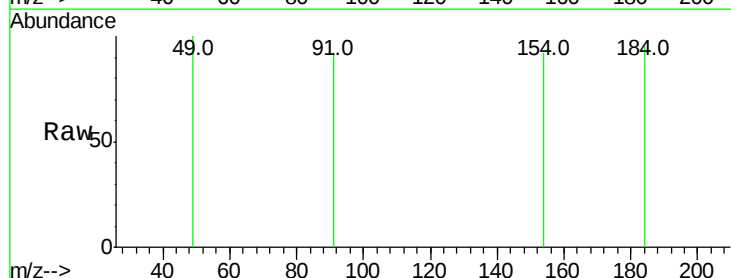


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

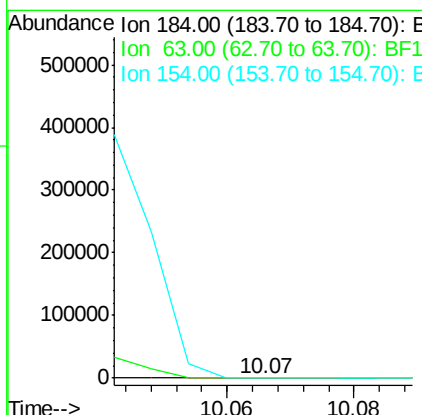
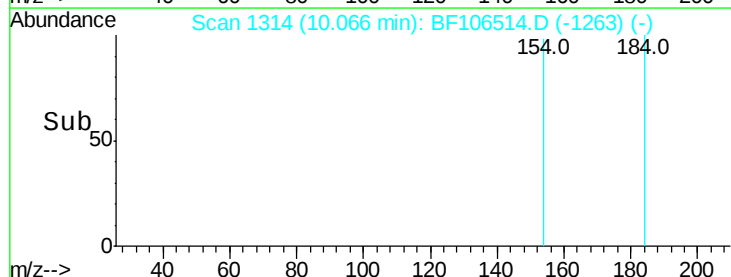


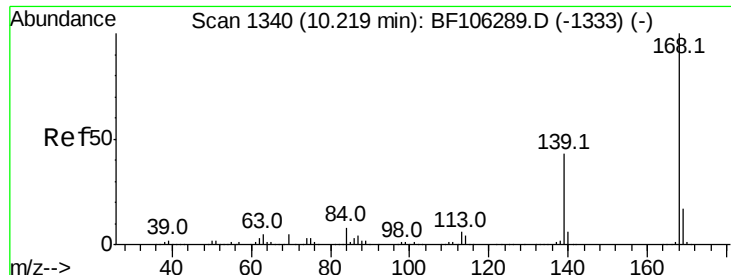
#53  
2,4-Dinitrophenol  
Concen: 8.726 ng  
RT: 10.07 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 184     | 100   |       |        |       |
| 63      | 0.0   | 54.2  | 81.2#  |       |
| 154     | 97.7  | 184.0 | 276.0# |       |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 41.469 ng

RT: 10.21 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 447091

Ion Ratio Lower Upper

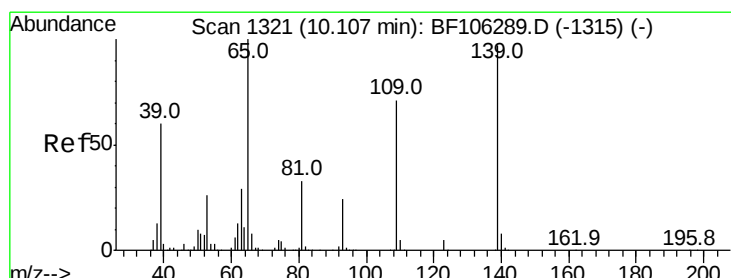
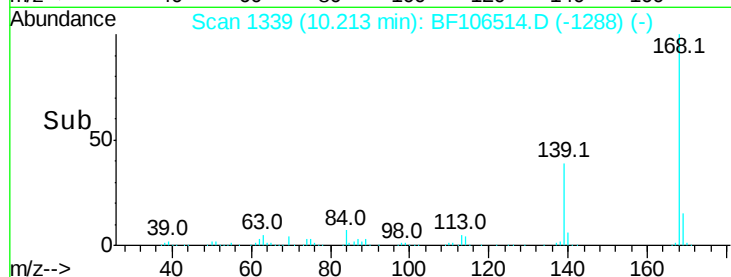
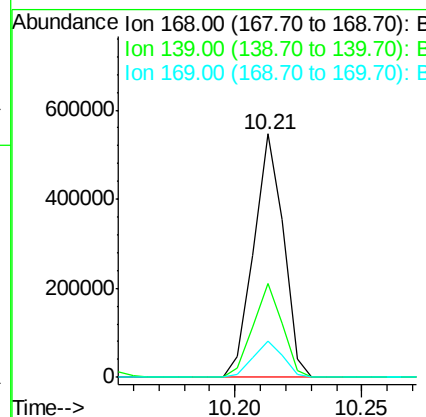
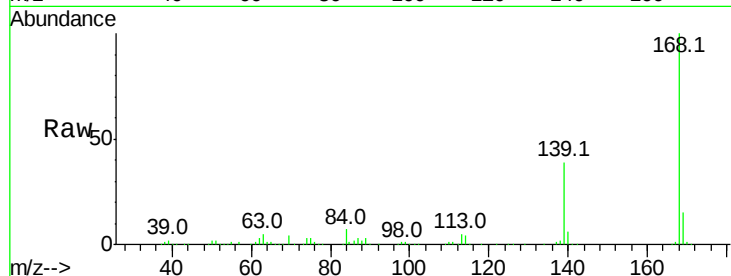
168 100

139 38.6 30.1 45.1

169 14.9 10.9 16.3

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#55

4-Nitrophenol

Concen: 33.918 ng

RT: 10.14 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

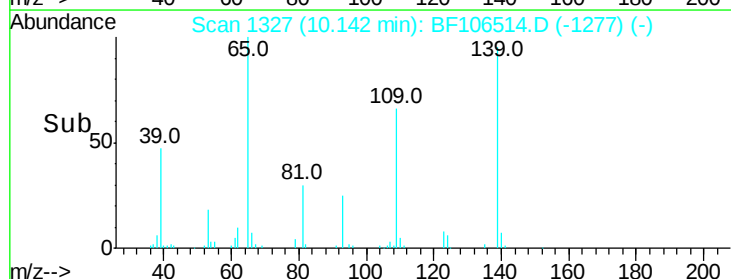
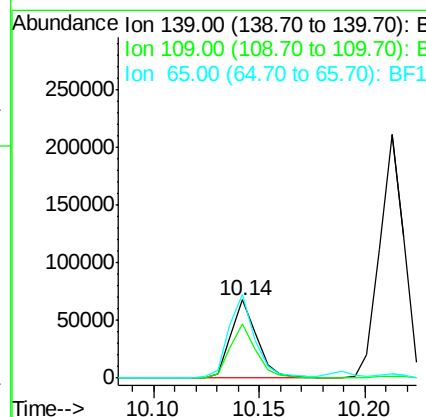
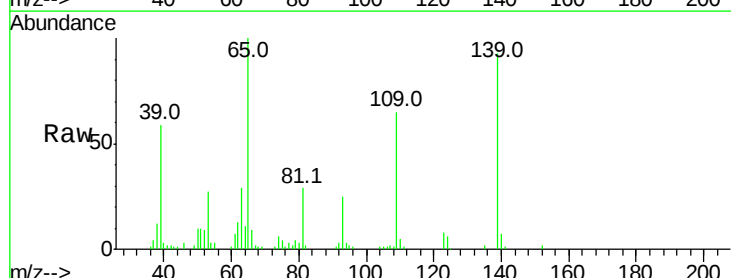
Tgt Ion:139 Resp: 58842

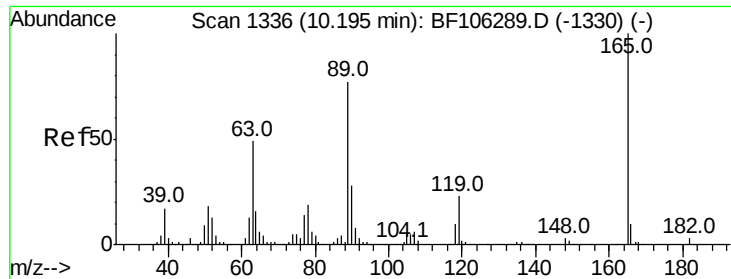
Ion Ratio Lower Upper

139 100

109 69.8 48.4 88.4

65 107.5 72.6 112.6





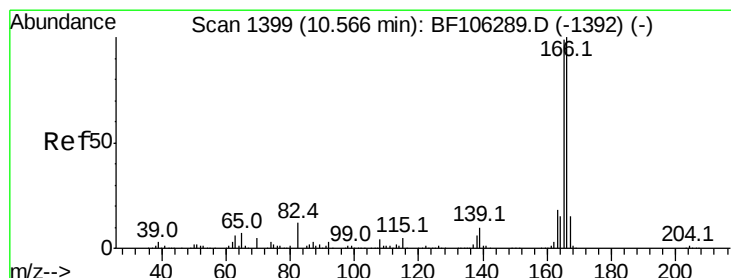
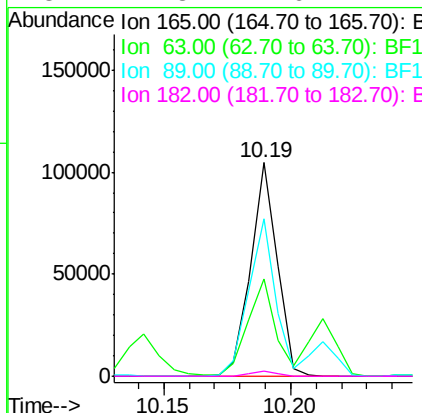
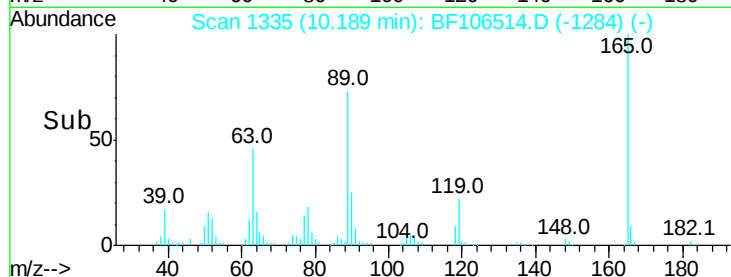
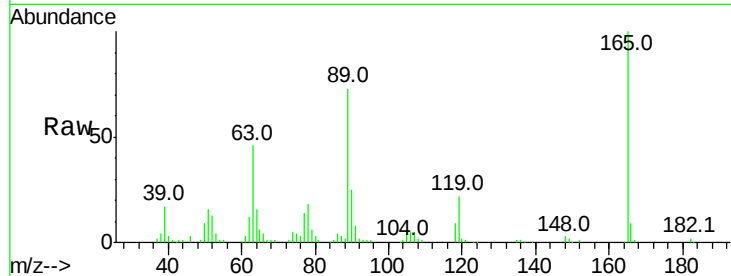
#56  
2,4-Dinitrotoluene  
Concen: 31.972 ng  
RT: 10.19 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.8  | 36.4  | 54.6  |
| 89      | 73.5  | 57.8  | 86.6  |
| 182     | 2.3   | 1.6   | 2.4   |

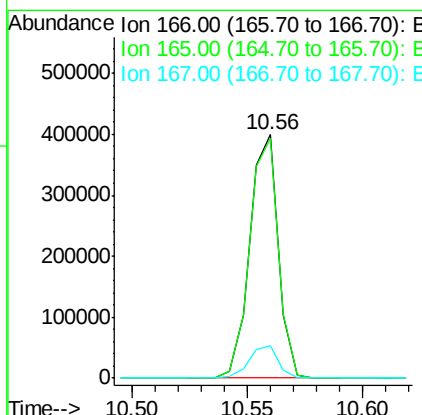
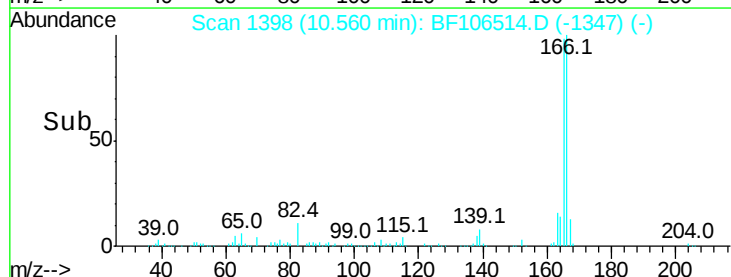
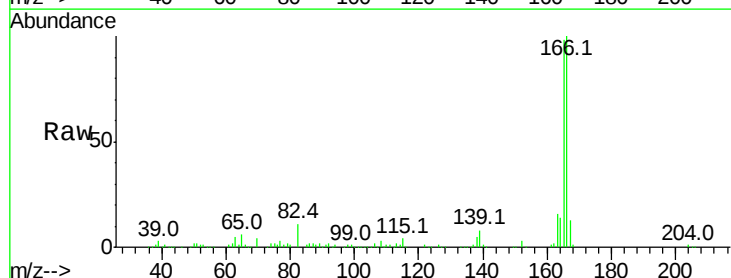
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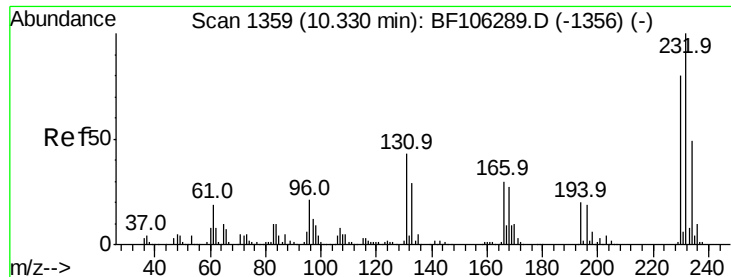
Sohil  
6/18/2018 10:38:51 AM



#57  
Fluorene  
Concen: 40.292 ng  
RT: 10.56 min Scan# 1398  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.3  | 79.8  | 119.8 |
| 167     | 13.3  | 10.6  | 16.0  |





#58

2,3,4,6-Tetrachlorophenol

Concen: 42.330 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 97773

Ion Ratio Lower Upper

232 100

131 40.7 43.8 65.8#

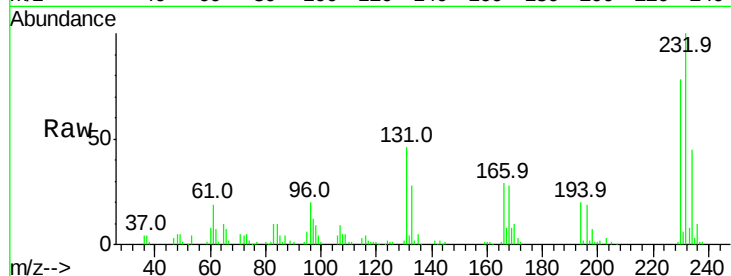
130 1.8 2.1 3.1#

166 26.9 27.8 41.6#

Manual Integrations  
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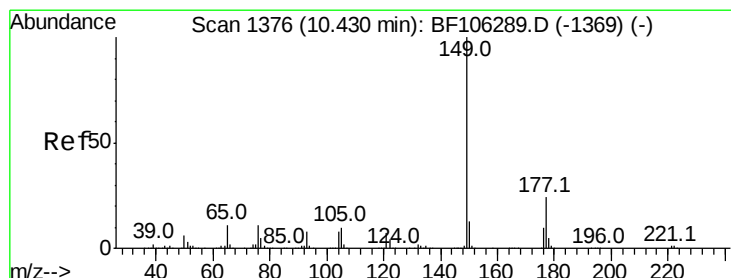
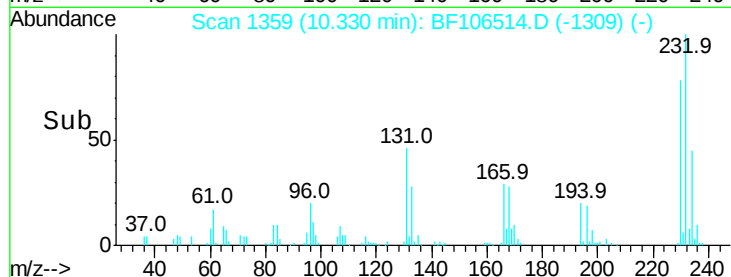
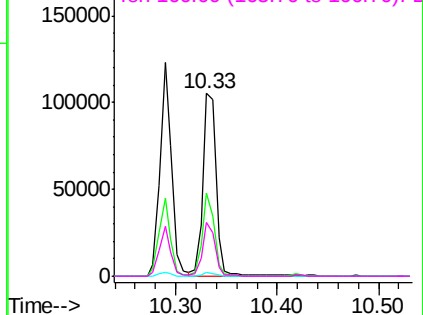


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 40.880 ng

RT: 10.42 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

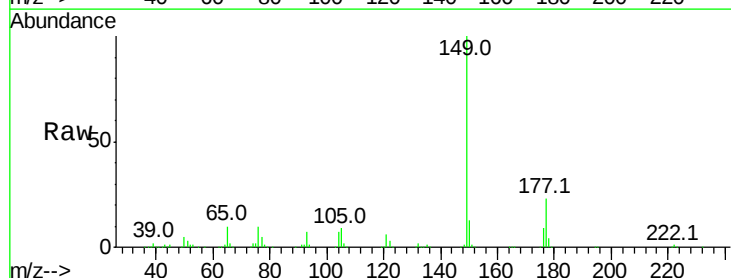
Tgt Ion:149 Resp: 378800

Ion Ratio Lower Upper

149 100

177 22.6 16.1 24.1

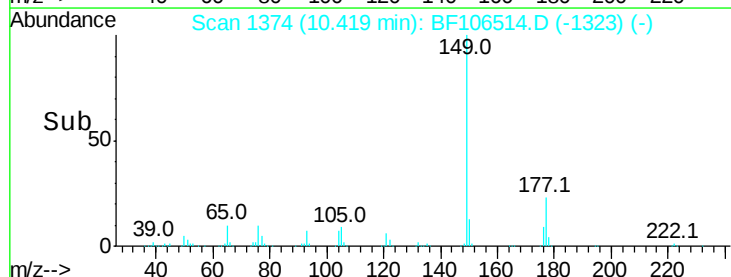
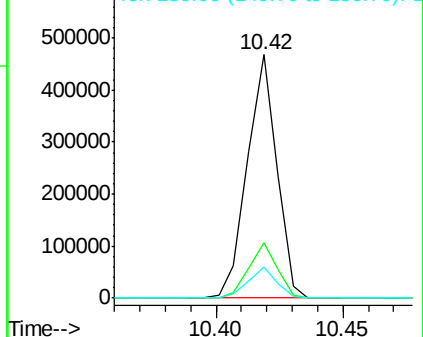
150 12.6 10.1 15.1

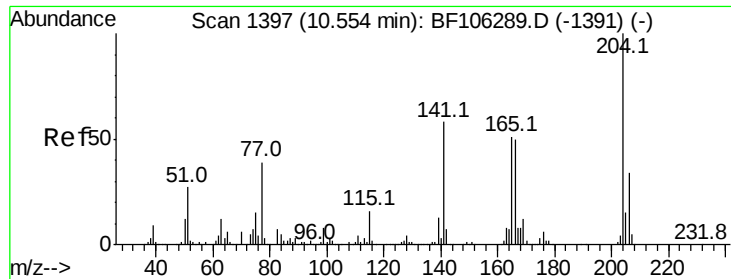


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





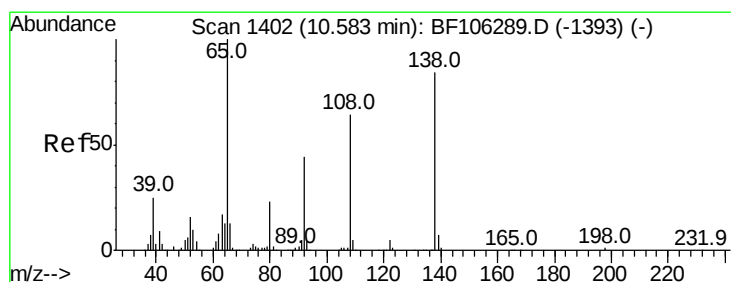
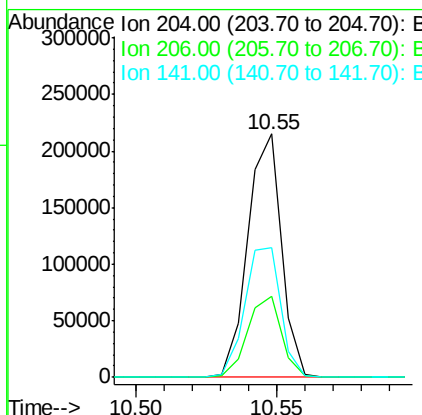
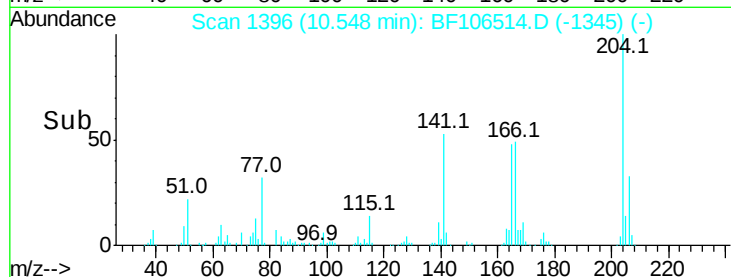
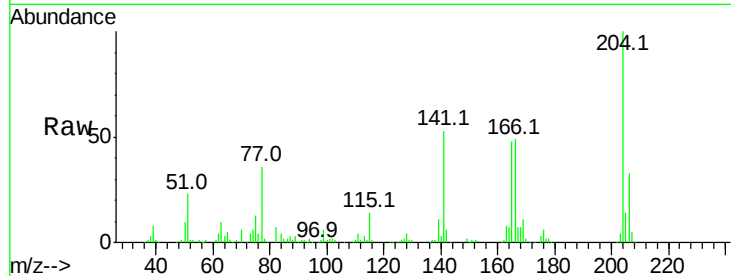
#60  
4-Chlorophenyl-phenylether  
Concen: 39.573 ng  
RT: 10.55 min Scan# 1396  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 26.5  | 39.7  |
| 141     | 53.2  | 54.6  | 81.8# |

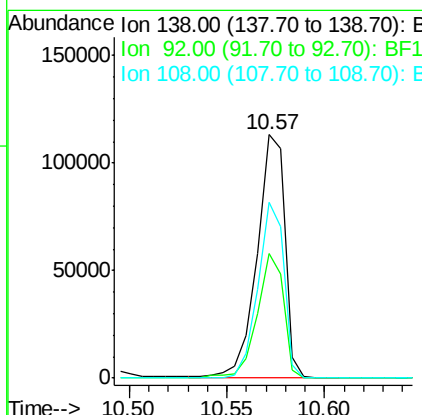
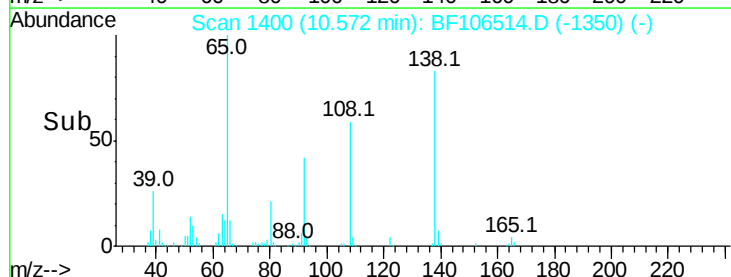
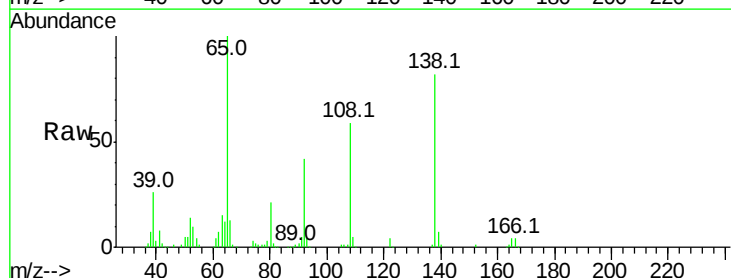
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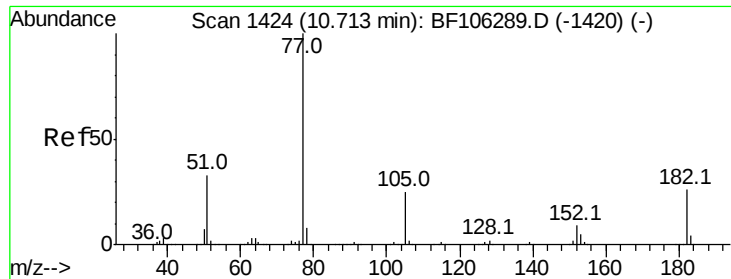
Sohil  
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#61  
4-Nitroaniline  
Concen: 50.923 ng  
RT: 10.57 min Scan# 1400  
Delta R.T. -0.01 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.0  | 30.2  | 70.2  |
| 108     | 72.0  | 52.5  | 92.5  |





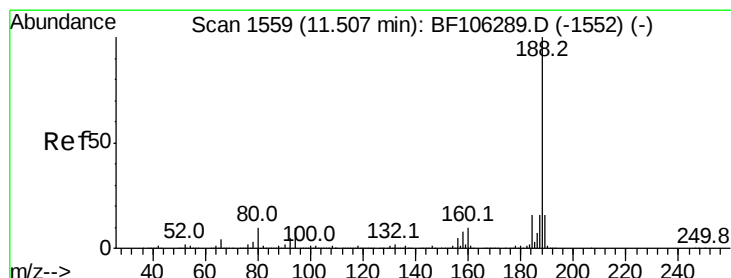
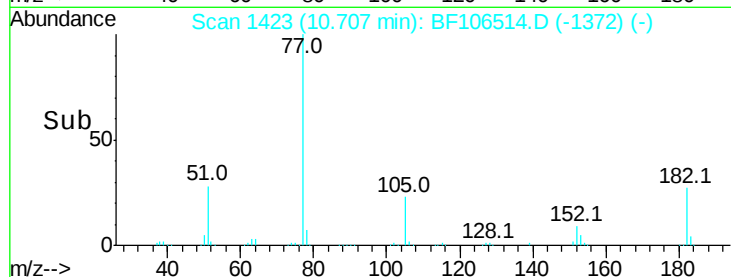
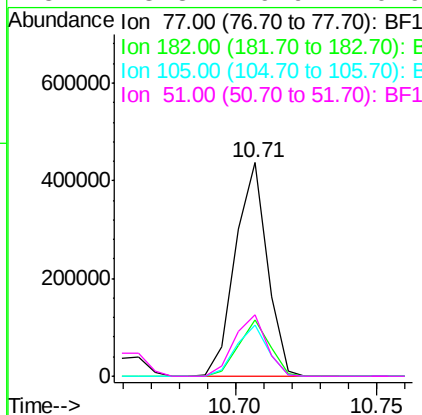
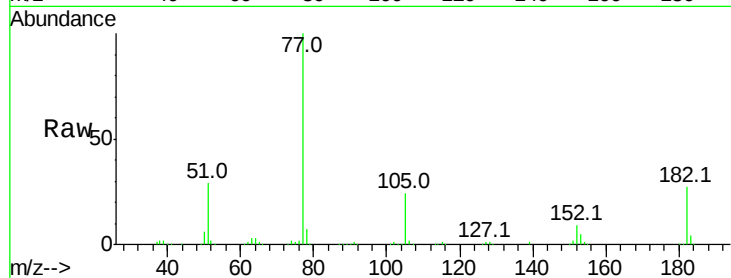
#62  
Azobenzene  
Concen: 35.596 ng  
RT: 10.71 min Scan# 1423  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.6  | 1.7   | 41.7  |
| 105     | 23.8  | 3.0   | 43.0  |
| 51      | 28.8  | 9.9   | 49.9  |

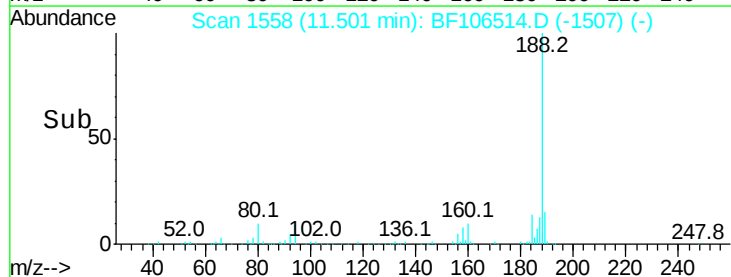
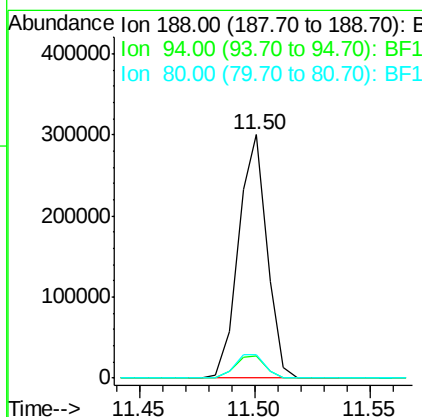
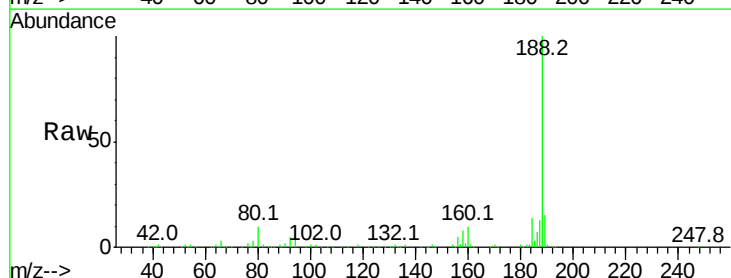
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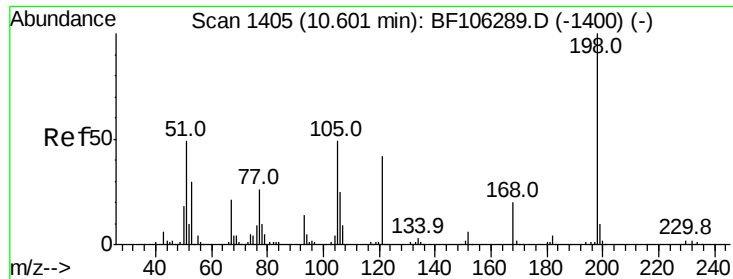
Sohil  
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#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1558  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.1   | 8.5   | 12.7  |
| 80      | 9.8   | 9.2   | 13.8  |





#64

4,6-Dinitro-2-methylphenol

Concen: 7.052 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

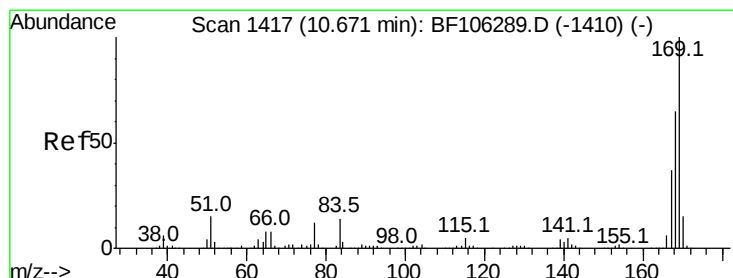
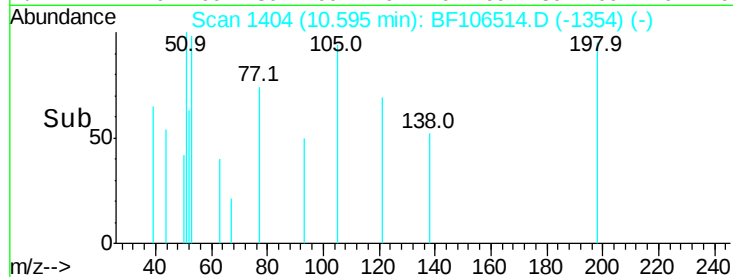
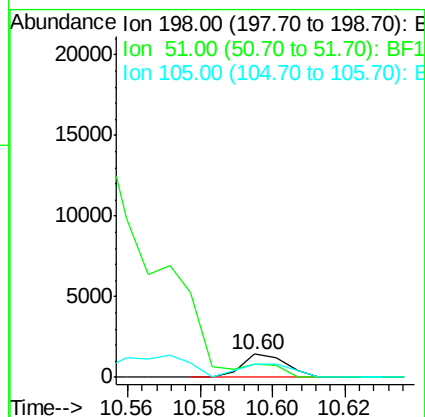
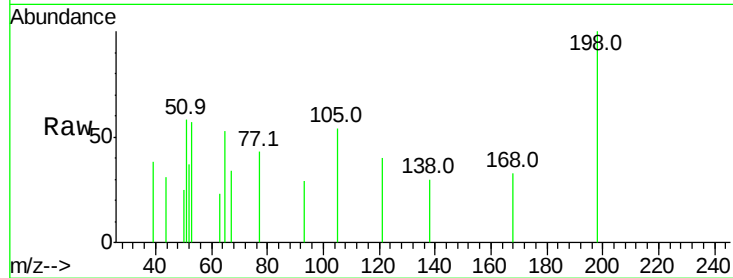
ClientSampleId :

SSTDCCC040

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 198   | Resp: | 1208 |
| Ion Ratio | Lower | Upper |      |
| 198       | 100   |       |      |
| 51        | 58.0  | 37.7  | 77.7 |
| 105       | 54.4  | 36.3  | 76.3 |

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#65

n-Nitrosodiphenylamine

Concen: 38.439 ng

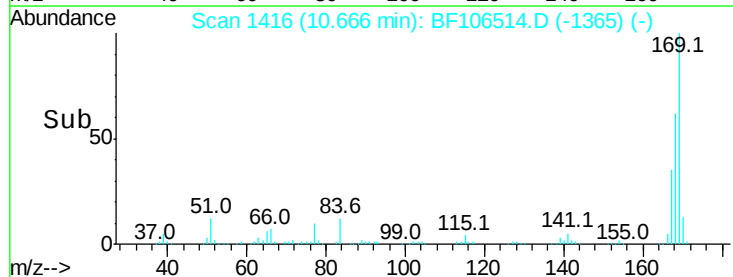
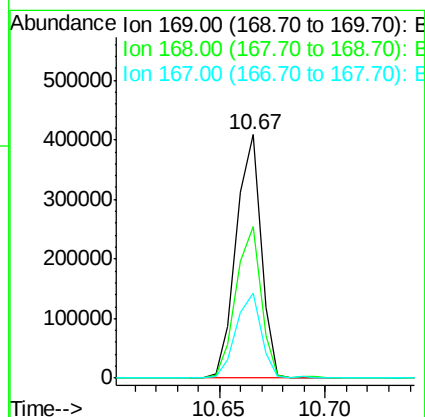
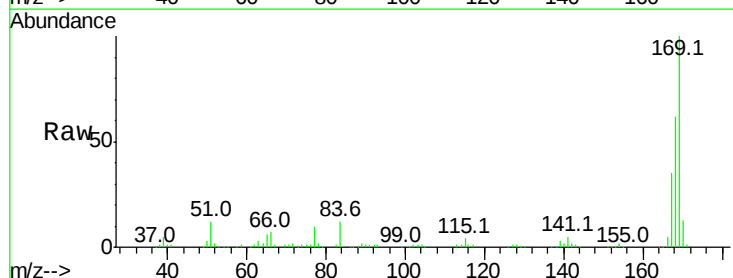
RT: 10.67 min Scan# 1416

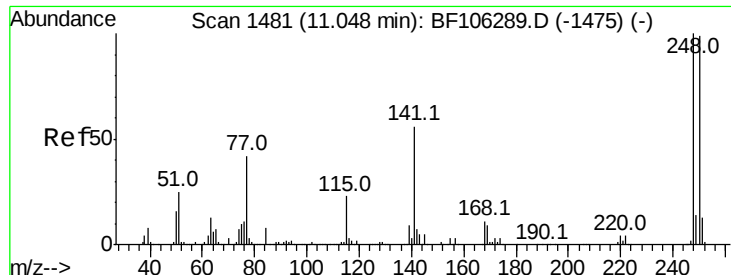
Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 332032 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 62.3  | 54.4  | 81.6   |
| 167       | 35.1  | 29.8  | 44.6   |





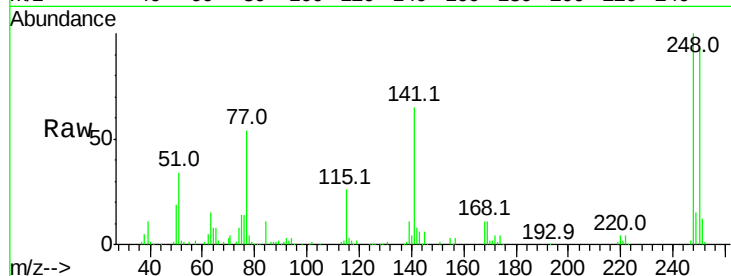
#66  
 4-Bromophenyl-phenylether  
 Concen: 39.233 ng  
 RT: 11.04 min Scan# 1479  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

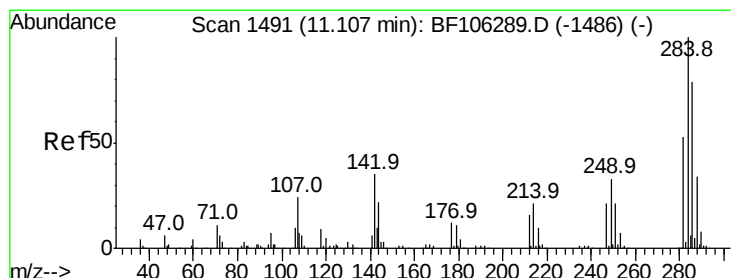
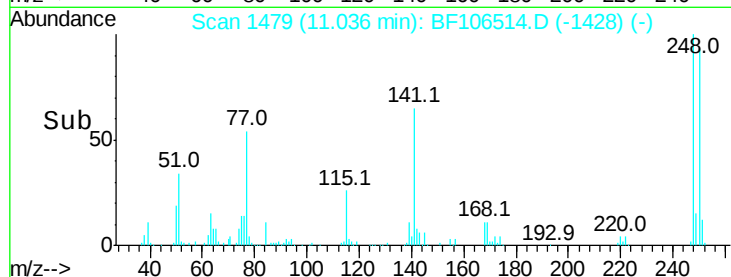
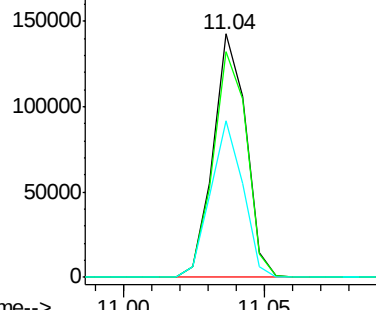
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 92.7  | 76.9  | 115.3 |
| 141     | 64.5  | 74.4  | 111.6 |

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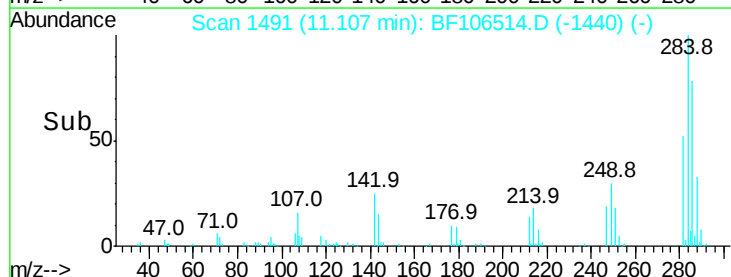
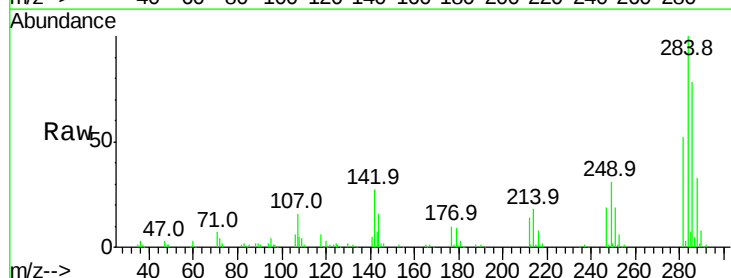
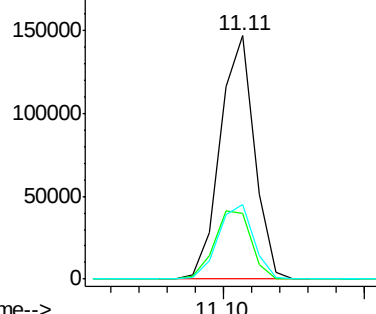
Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

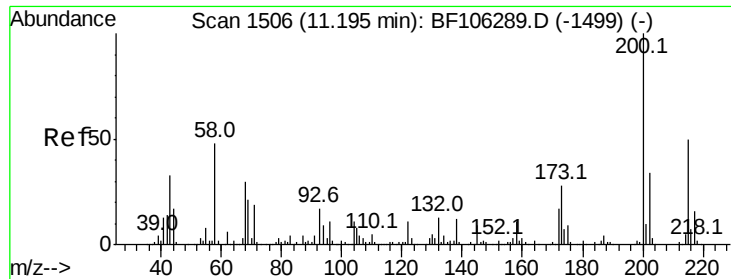


#67  
 Hexachlorobenzene  
 Concen: 40.847 ng  
 RT: 11.11 min Scan# 1491  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.8  | 34.6  | 52.0  |
| 249     | 30.7  | 24.8  | 37.2  |

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





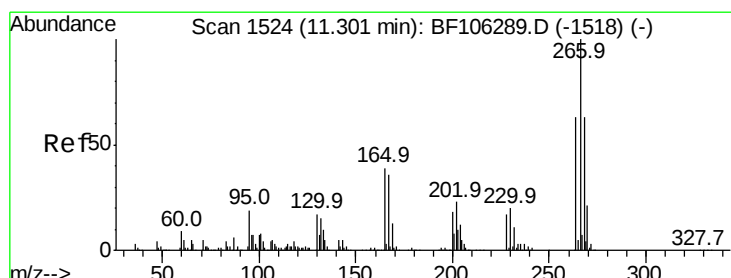
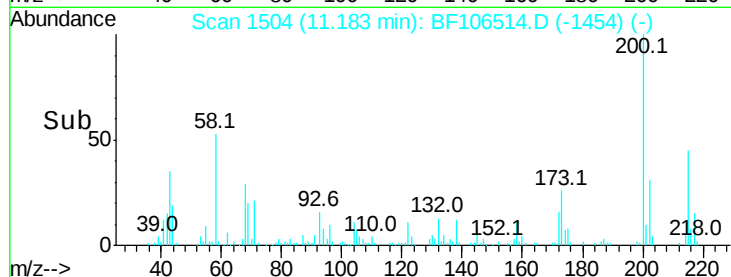
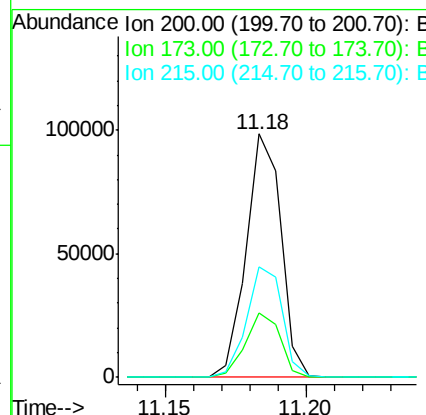
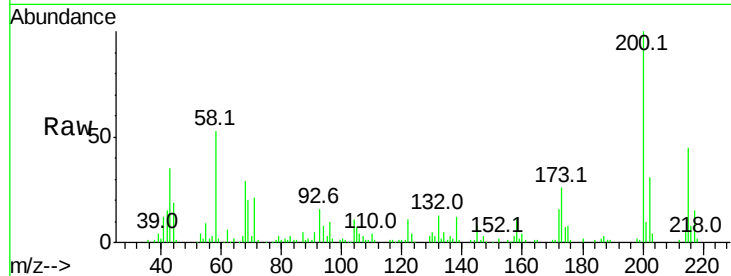
#68  
Atrazine  
Concen: 31.486 ng  
RT: 11.18 min Scan# 1504  
Delta R.T. -0.01 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 26.3  | 8.6        | 48.6  |
| 215     | 45.4  | 25.1       | 65.1  |

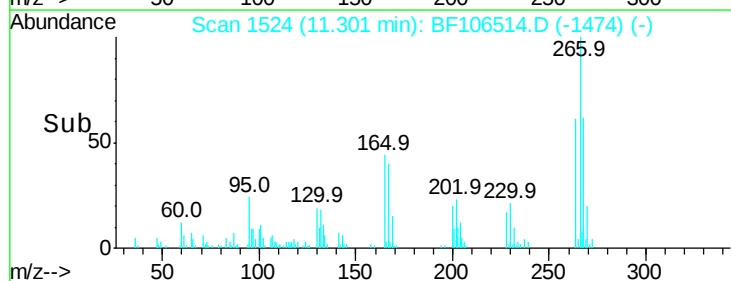
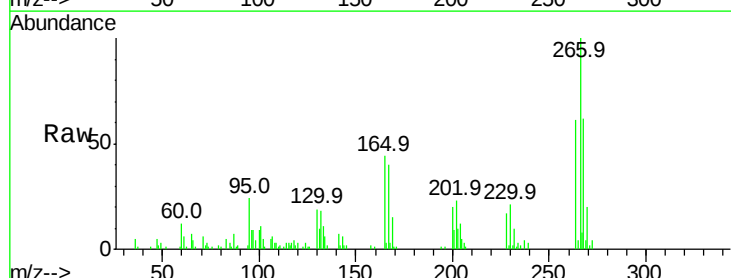
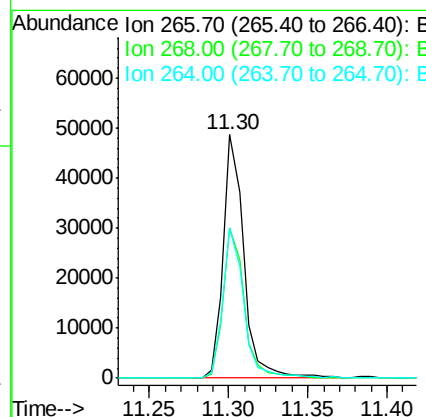
Manual Integrations  
APPROVED

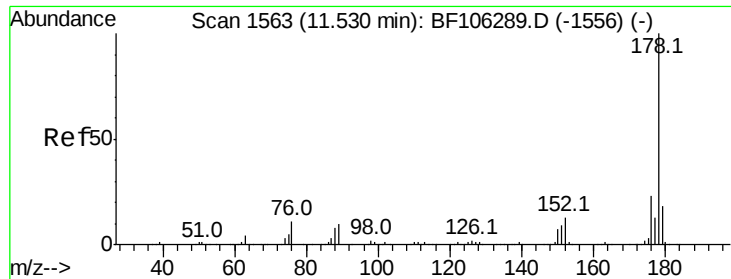
Sohil  
6/18/2018 10:38:51 AM



#69  
Pentachlorophenol  
Concen: 23.781 ng  
RT: 11.30 min Scan# 1524  
Delta R.T. -0.01 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 61.5  | 51.1       | 76.7  |
| 264     | 61.5  | 49.5       | 74.3  |





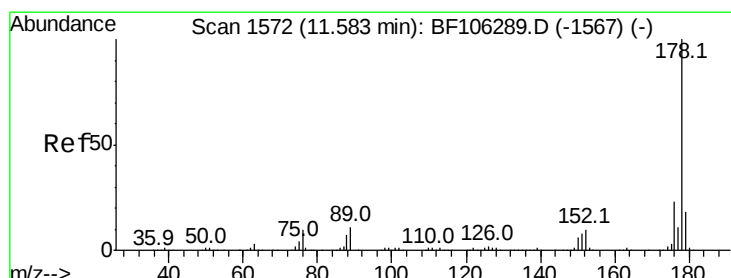
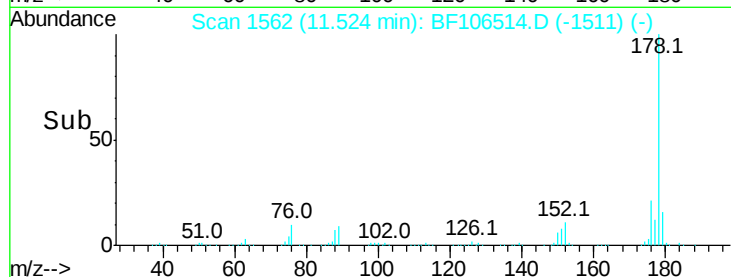
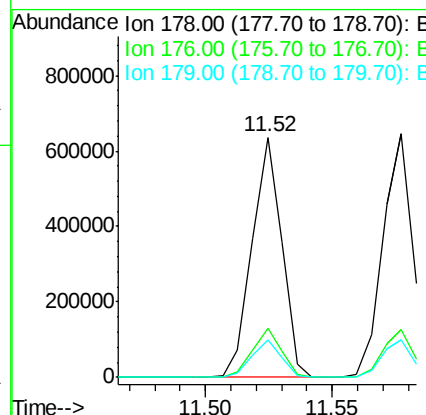
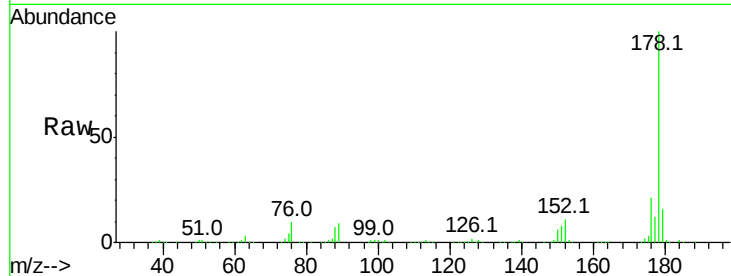
#70  
Phenanthrene  
Concen: 41.391 ng  
RT: 11.52 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.5  | 15.8  | 23.8  |
| 179     | 15.8  | 13.0  | 19.6  |

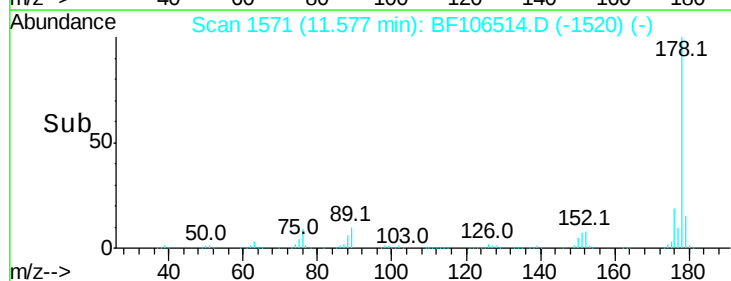
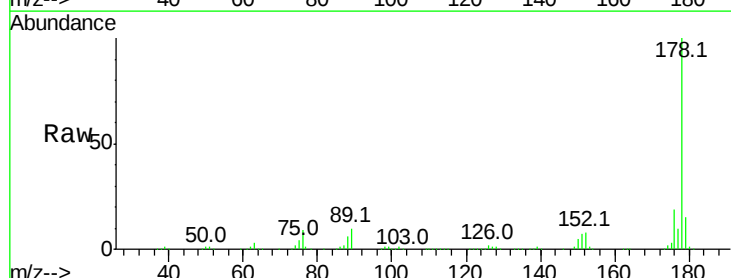
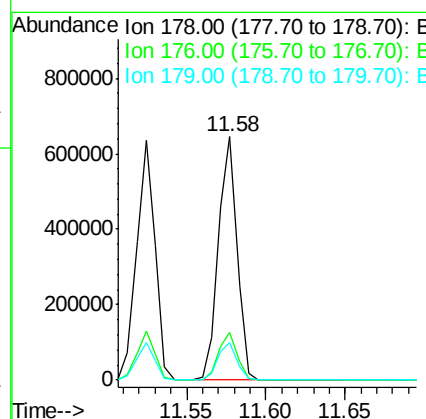
Manual Integrations  
APPROVED

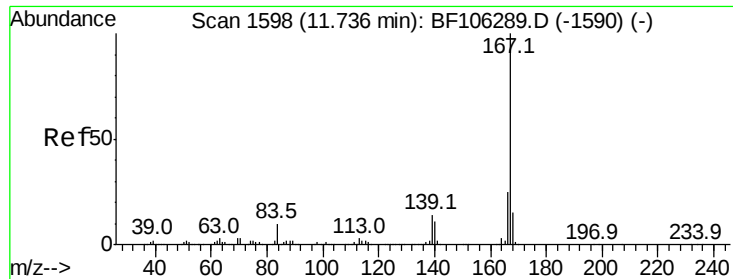
Sohil  
6/18/2018 10:38:51 AM



#71  
Anthracene  
Concen: 41.999 ng  
RT: 11.58 min Scan# 1571  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.4  | 23.2  |
| 179     | 15.4  | 12.6  | 19.0  |





#72

Carbazole

Concen: 42.603 ng

RT: 11.73 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

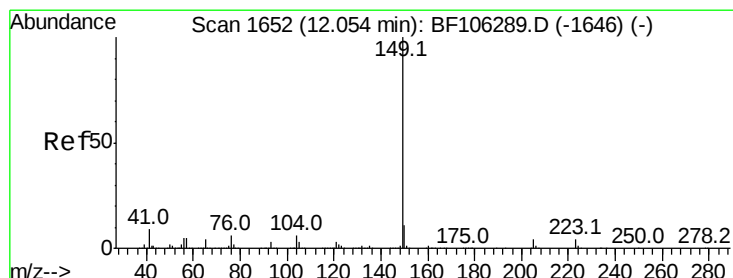
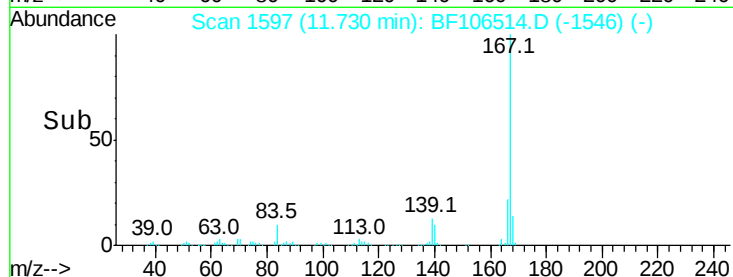
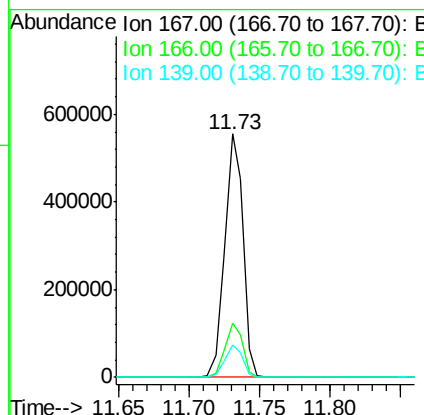
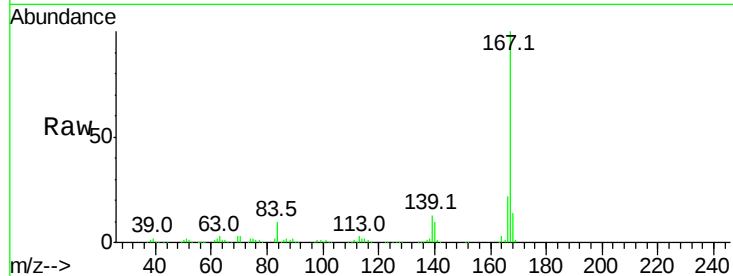
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 495967 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.2  | 17.6  | 26.4   |
| 139       | 13.5  | 10.9  | 16.3   |

Manual Integrations  
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#73

Di-n-butylphthalate

Concen: 41.905 ng

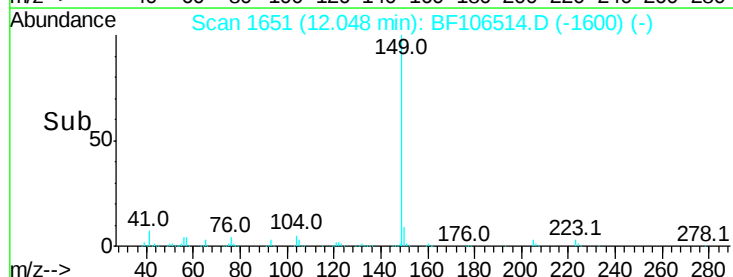
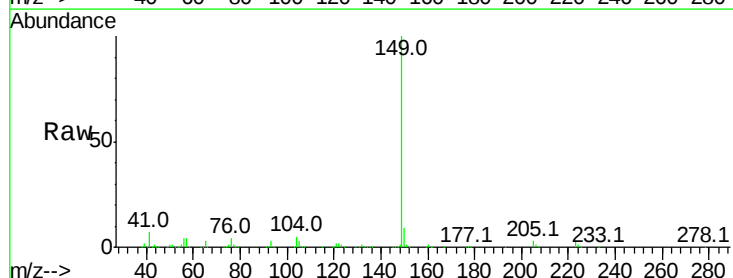
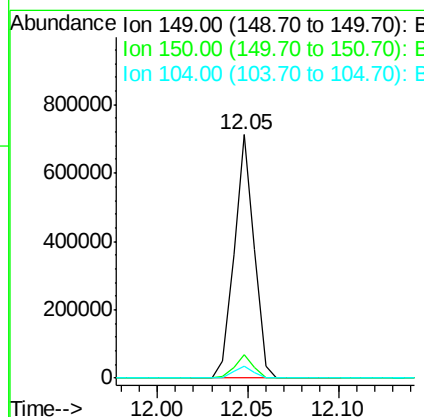
RT: 12.05 min Scan# 1651

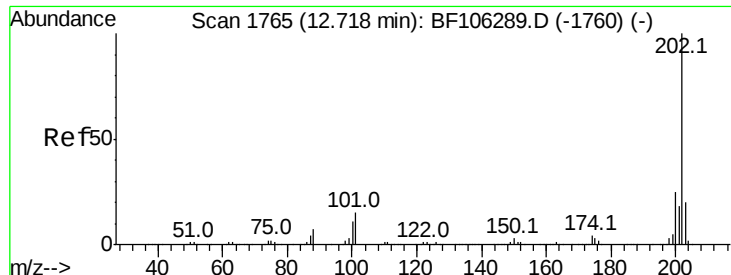
Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 542937 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 7.8   | 11.6   |
| 104       | 4.8   | 3.8   | 5.8    |





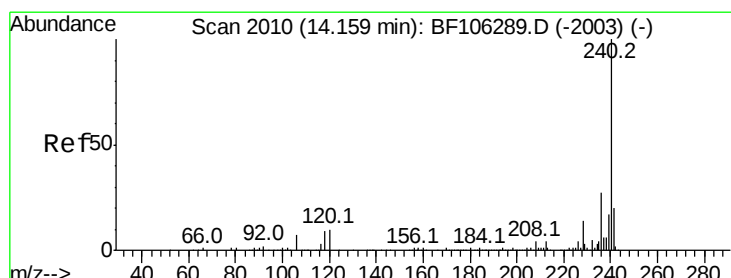
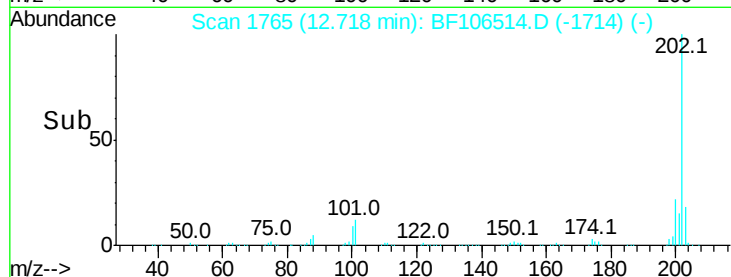
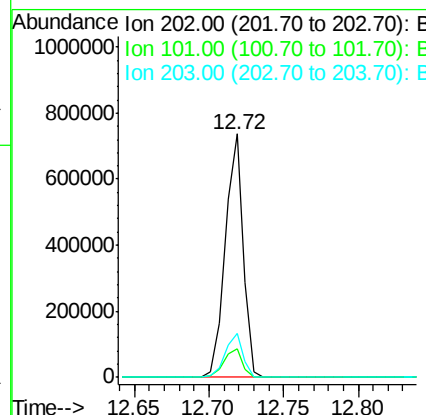
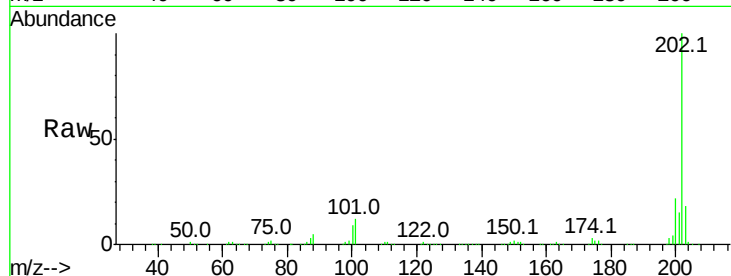
#74  
**Fluoranthene**  
 Concen: 46.606 ng  
 RT: 12.72 min Scan# 1765  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 11.8  | 0.0        | 34.1  |
| 203     | 17.9  | 0.0        | 38.1  |

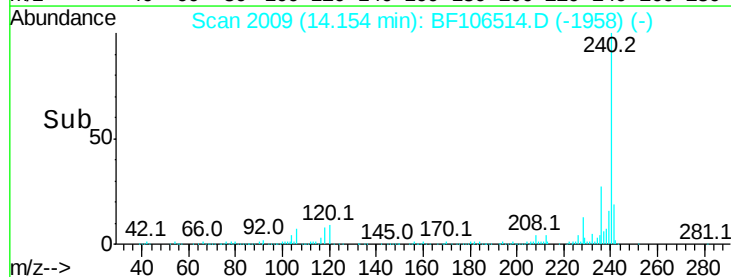
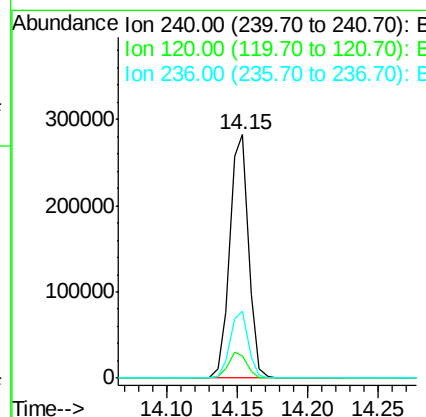
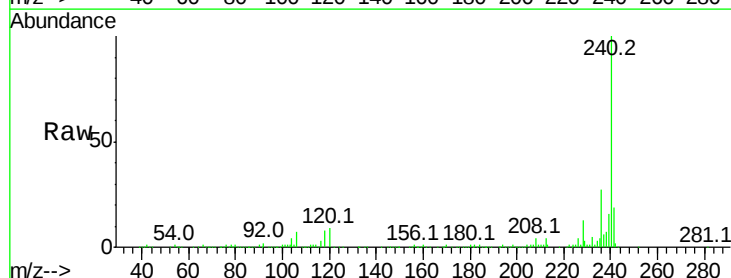
Manual Integrations  
**APPROVED**

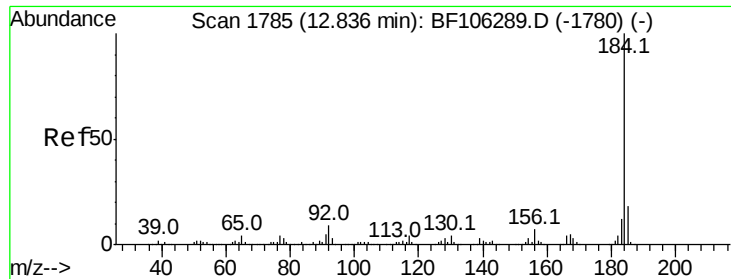
Sohil  
 6/18/2018 10:38:51 AM



#75  
**Chrysene-d12**  
 Concen: 20.000 ng  
 RT: 14.15 min Scan# 2009  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 9.1   | 9.5        | 14.3# |
| 236     | 27.4  | 20.7       | 31.1  |





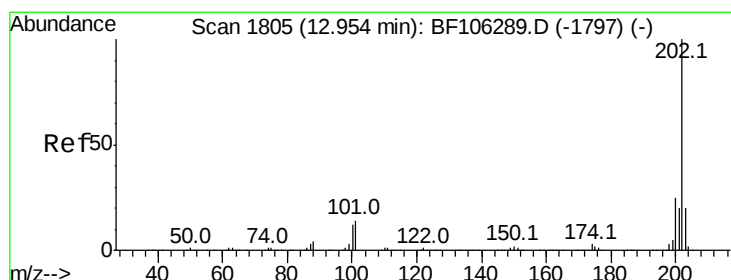
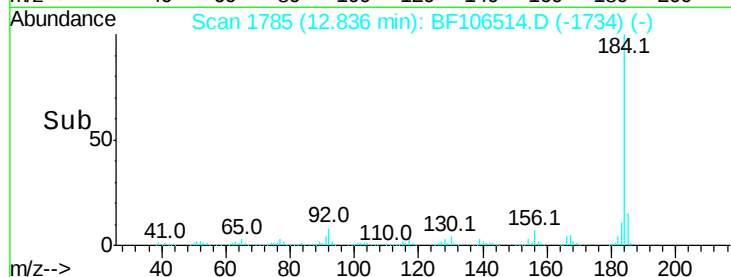
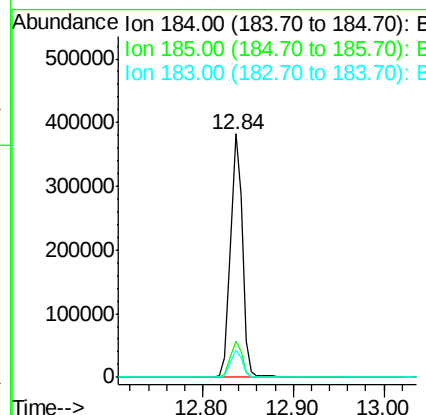
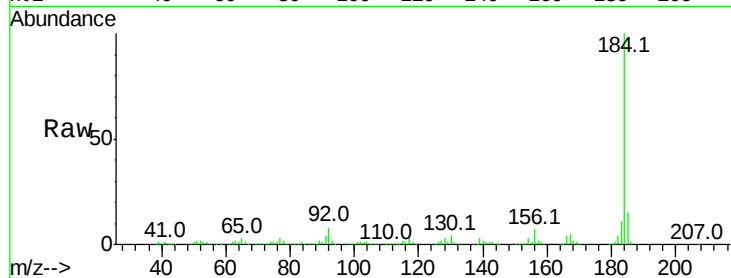
#76  
Benzidine  
Concen: 39.406 ng  
RT: 12.84 min Scan# 1785  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 14.9  | 12.6 | 18.8  |       |
| 183     | 11.3  | 9.3  | 13.9  |       |

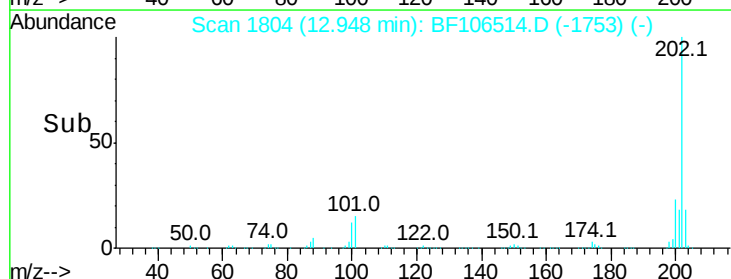
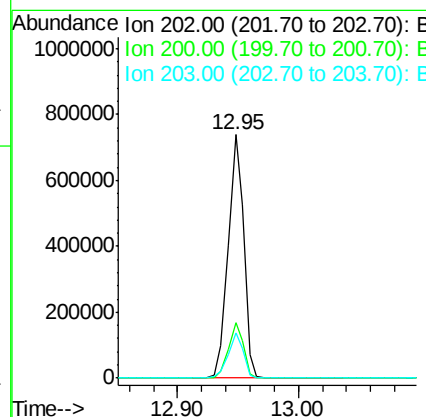
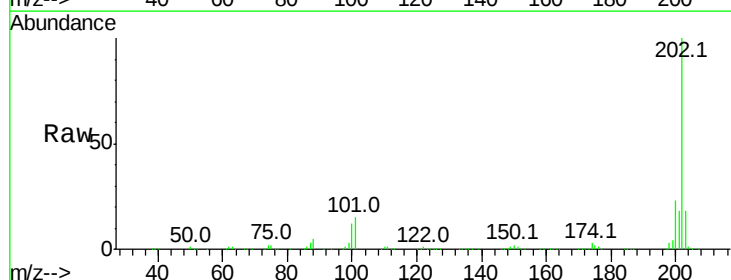
Manual Integrations  
APPROVED

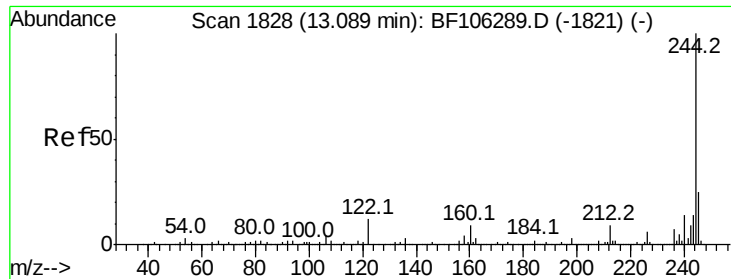
Sohil  
6/18/2018 10:38:51 AM



#77  
Pyrene  
Concen: 40.038 ng  
RT: 12.95 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 22.6  | 17.4 | 26.2  |       |
| 203     | 18.5  | 14.3 | 21.5  |       |





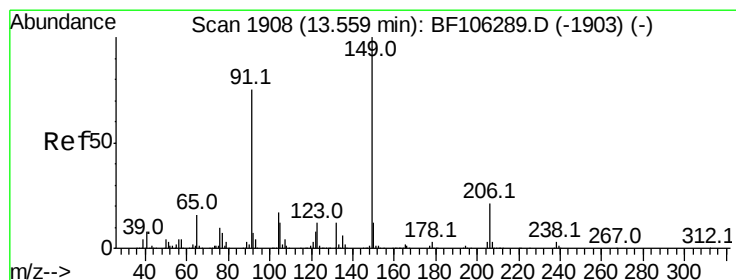
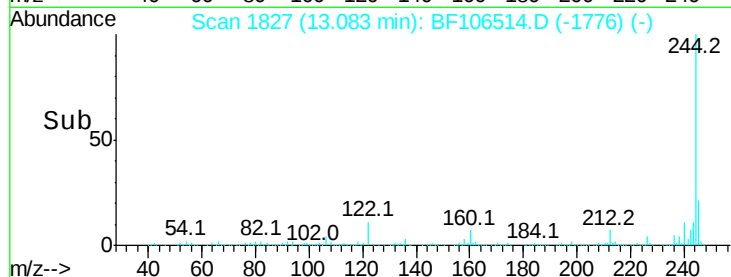
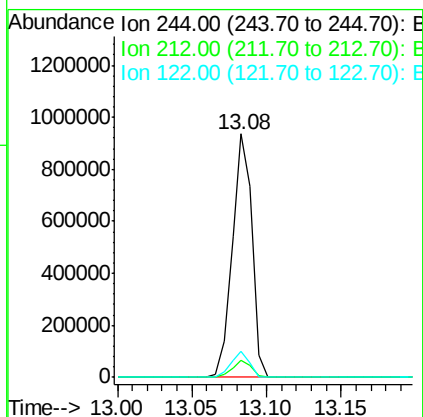
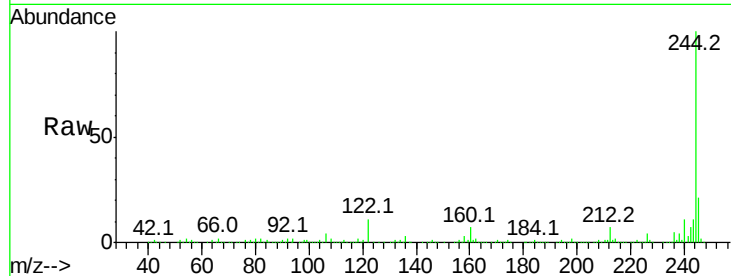
#78  
 Terphenyl-d14  
 Concen: 82.458 ng  
 RT: 13.08 min Scan# 1827  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.4   | 8.0   |
| 122     | 10.6  | 11.0  | 16.4# |

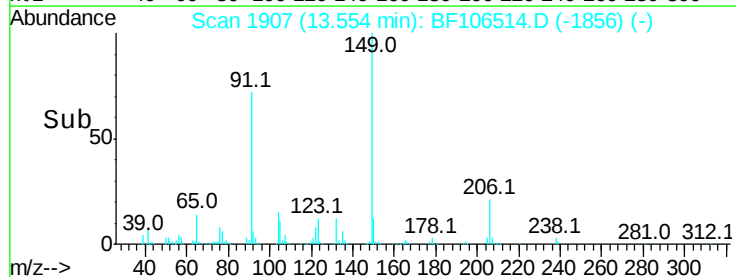
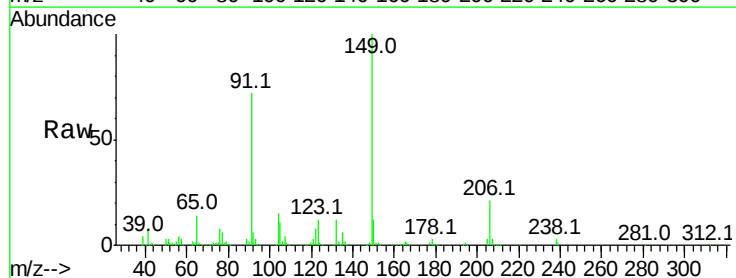
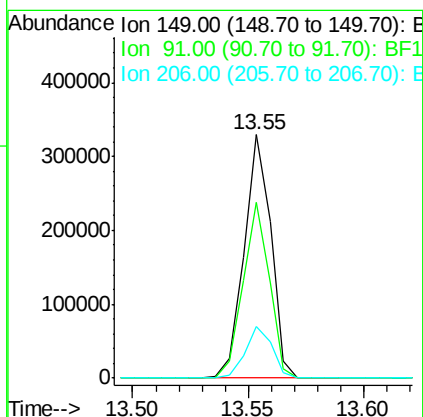
Manual Integrations  
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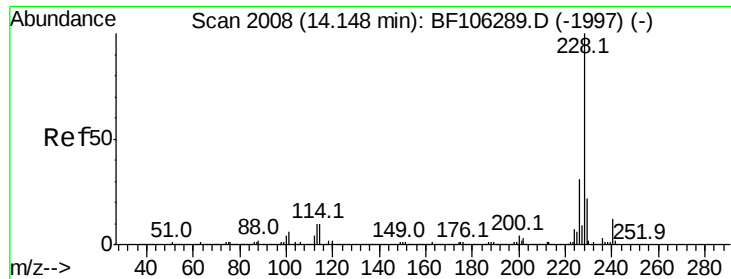
Sohil  
 6/18/2018 10:38:51 AM



#79  
 Butylbenzylphthalate  
 Concen: 43.615 ng  
 RT: 13.55 min Scan# 1907  
 Delta R.T. 0.00 min  
 Lab File: BF106514.D  
 Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.2  | 56.8  | 85.2  |
| 206     | 21.2  | 14.1  | 21.1# |





#80

Benzo(a)anthracene

Concen: 39.549 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

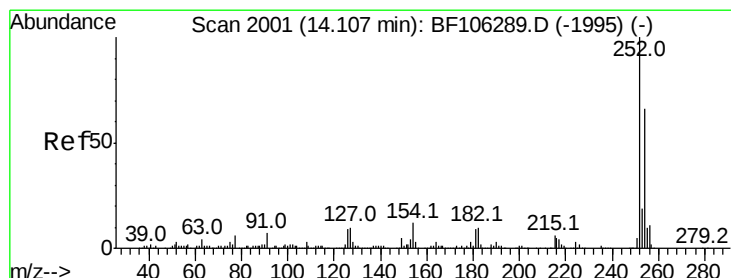
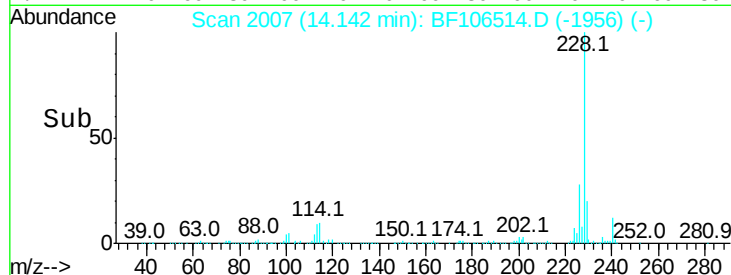
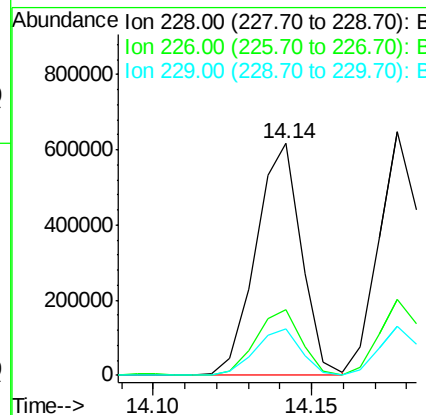
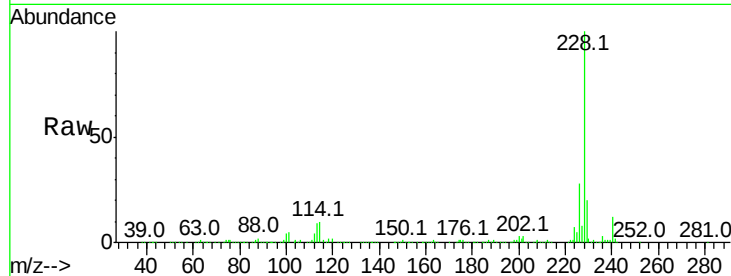
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 615070 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.5  | 22.6  | 33.8   |
| 229       | 20.3  | 15.8  | 23.6   |

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#81

3,3'-Dichlorobenzidine

Concen: 45.240 ng

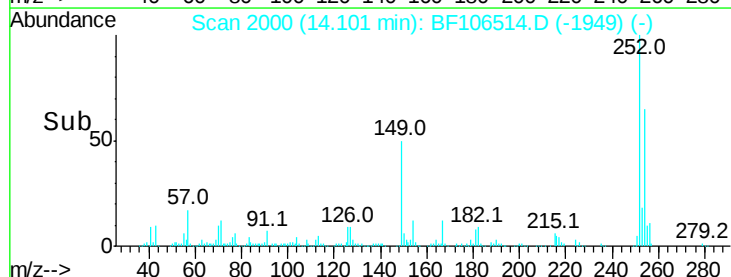
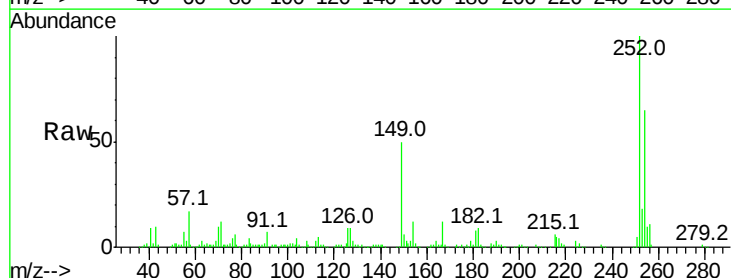
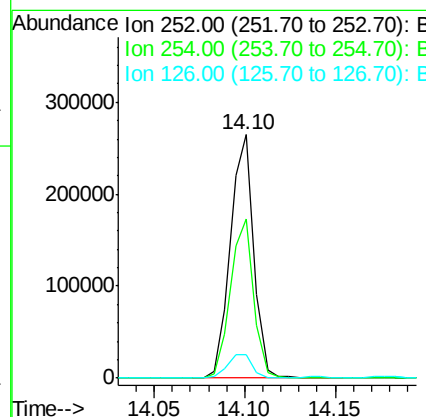
RT: 14.10 min Scan# 2000

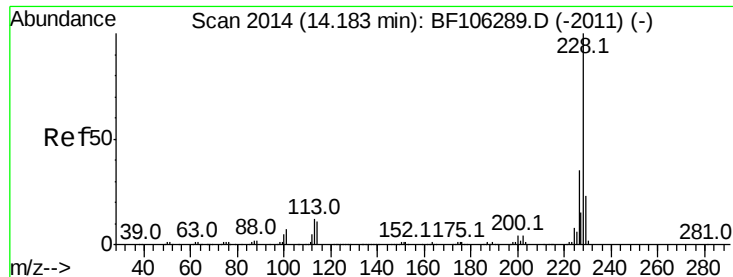
Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 237385 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 65.5  | 50.4  | 75.6   |
| 126       | 9.5   | 11.3  | 16.9#  |





#82

Chrysene

Concen: 39.927 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

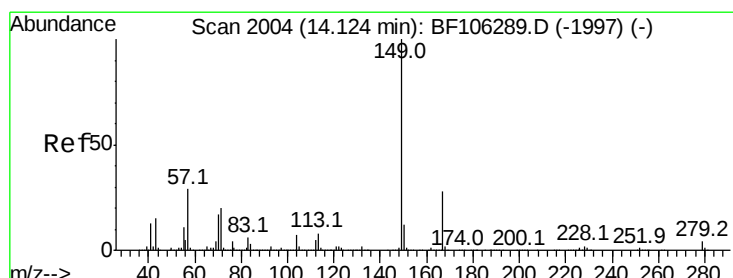
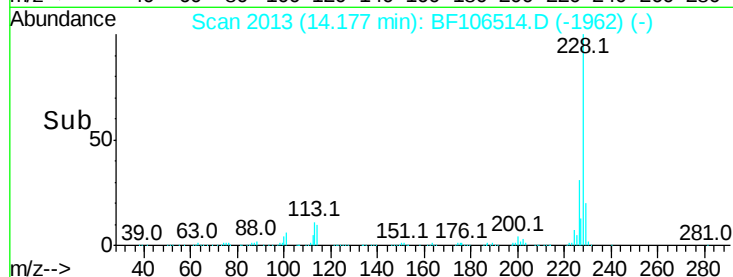
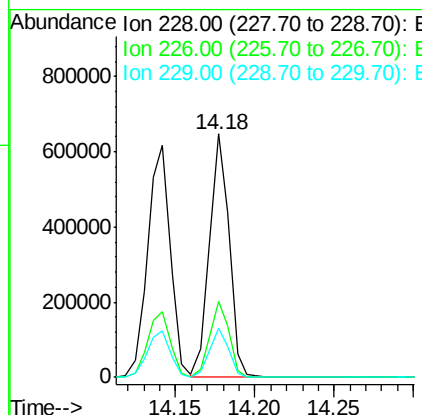
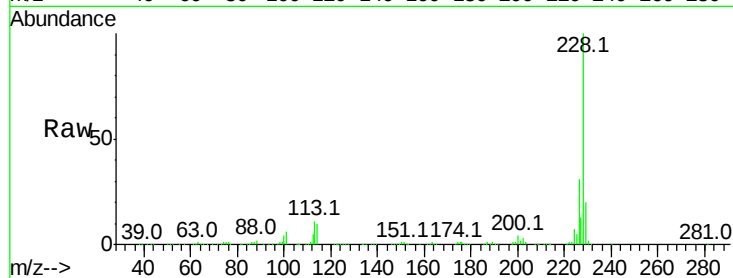
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 566933 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.0  | 25.0  | 37.6   |
| 229       | 20.4  | 16.2  | 24.4   |

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#83

Bis(2-ethylhexyl)phthalate

Concen: 40.387 ng

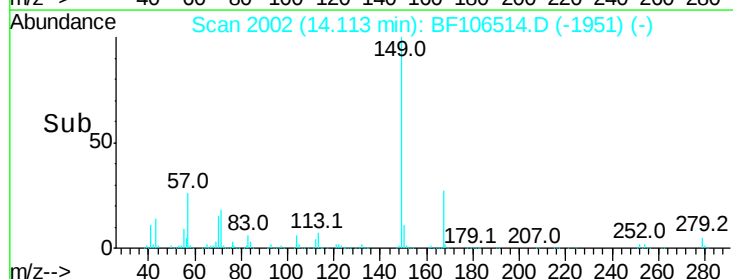
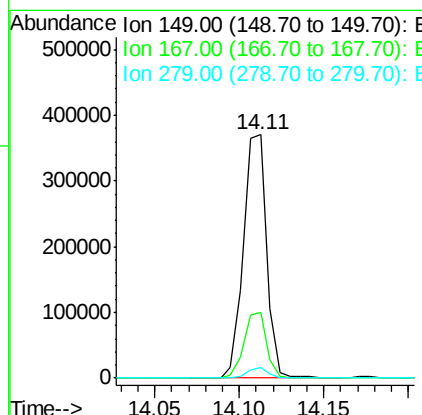
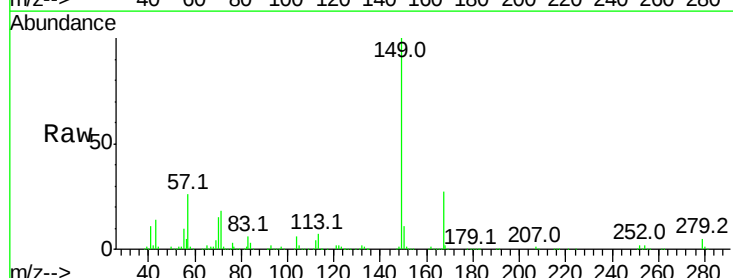
RT: 14.11 min Scan# 2002

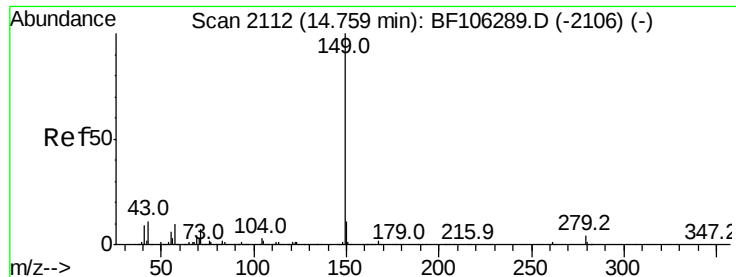
Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 354654 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.1  | 21.3  | 31.9   |
| 279       | 4.6   | 3.0   | 4.4#   |





#84

Di-n-octyl phthalate

Concen: 48.777 ng

RT: 14.74 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

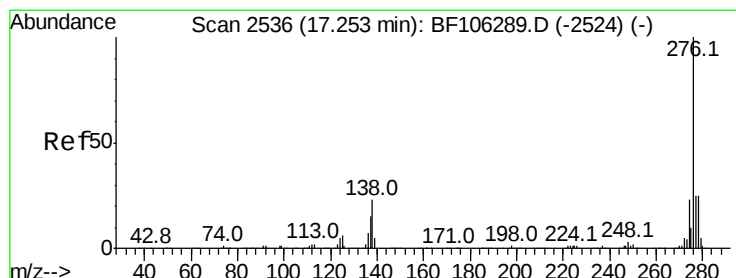
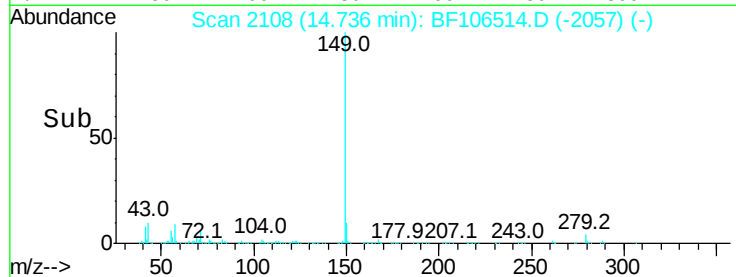
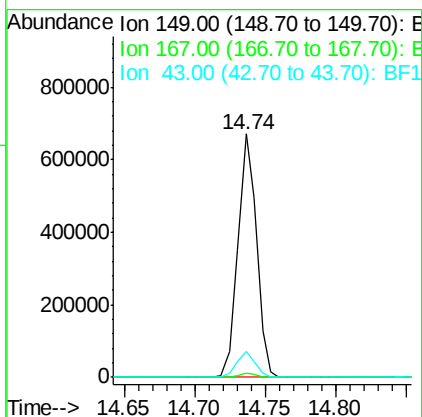
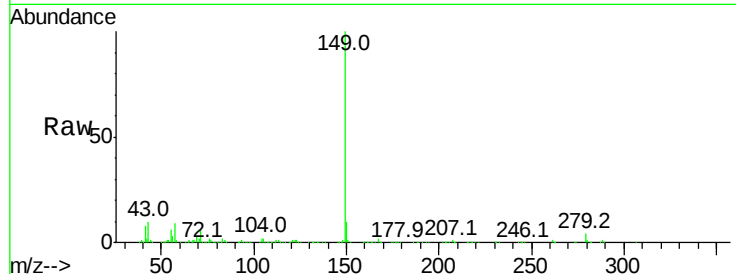
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 617505 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.6   | 1.2   | 1.8    |
| 43        | 10.5  | 8.4   | 12.6   |

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#85

Indeno(1,2,3-cd)pyrene

Concen: 34.690 ng

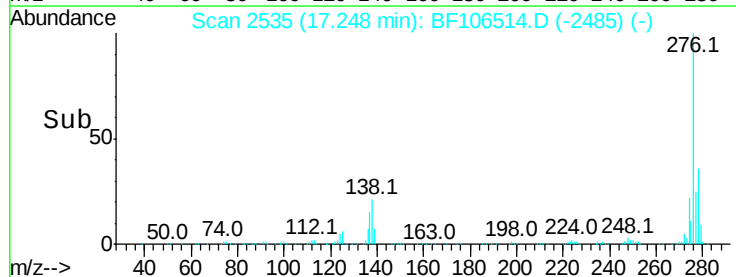
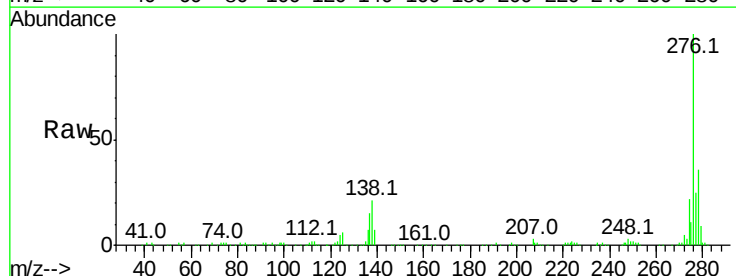
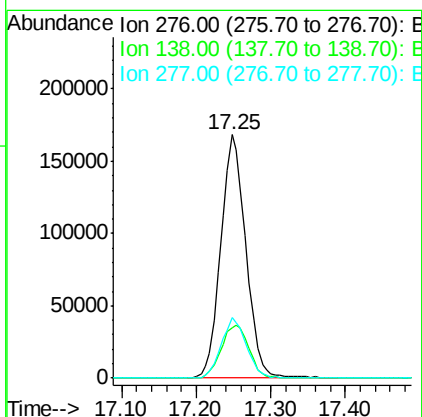
RT: 17.25 min Scan# 2535

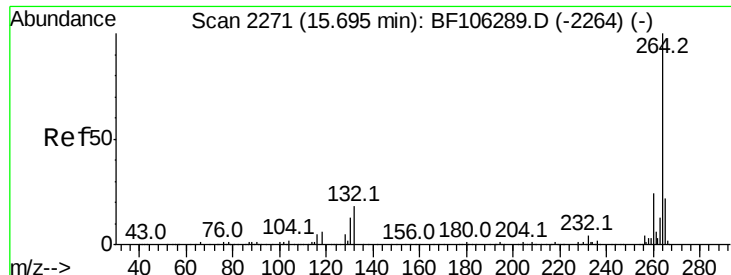
Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 393113 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 24.2  | 25.0  | 37.6#  |
| 277       | 24.9  | 20.1  | 30.1   |





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA\_F

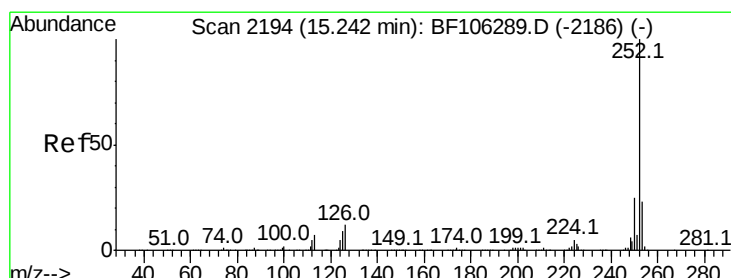
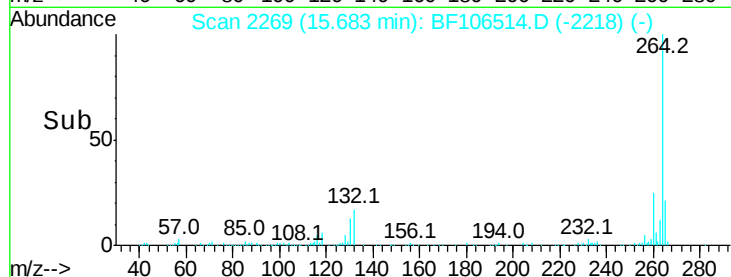
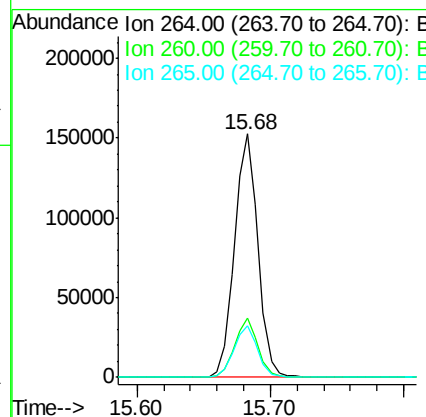
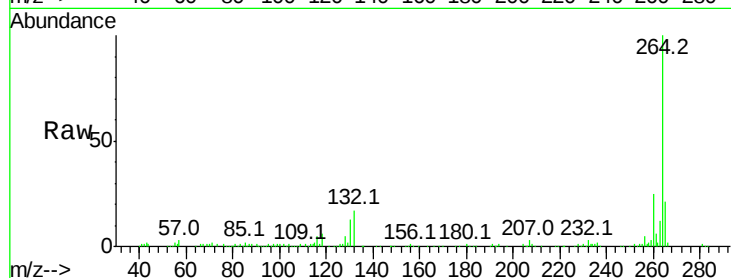
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 264  | Resp: | 187980 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 24.6 | 19.2  | 28.8   |
| 265       | 21.0 | 17.5  | 26.3   |

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#87

Benzo(b)fluoranthene

Concen: 40.704 ng

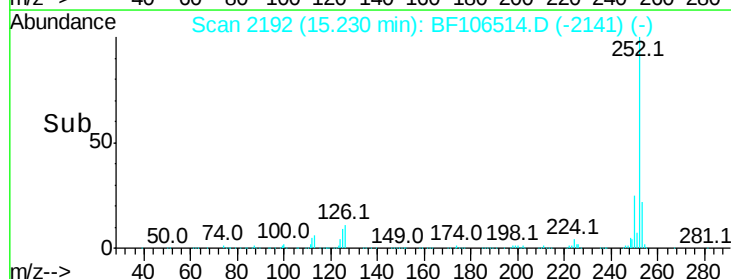
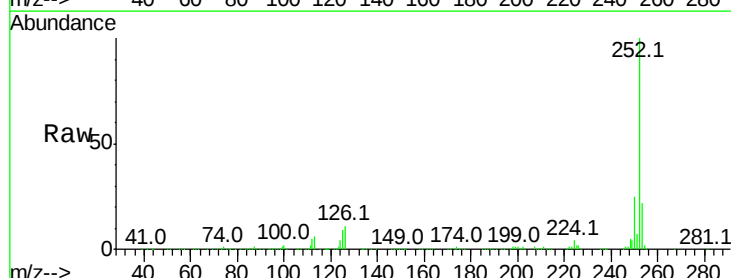
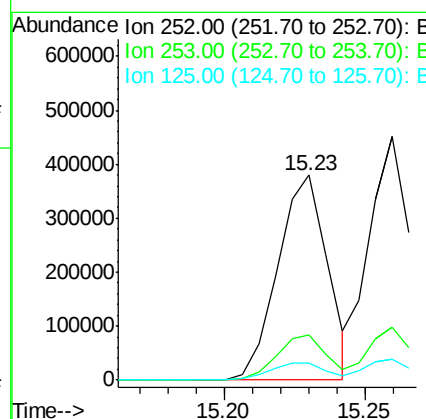
RT: 15.23 min Scan# 2192

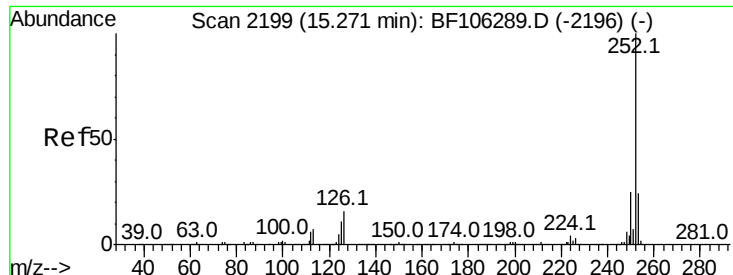
Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 462528 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 21.8 | 17.0  | 25.6   |
| 125       | 8.6  | 9.0   | 13.6#  |





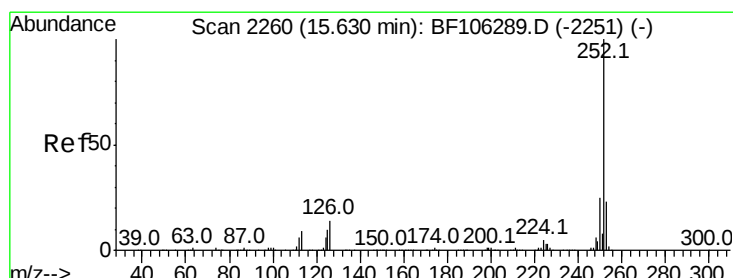
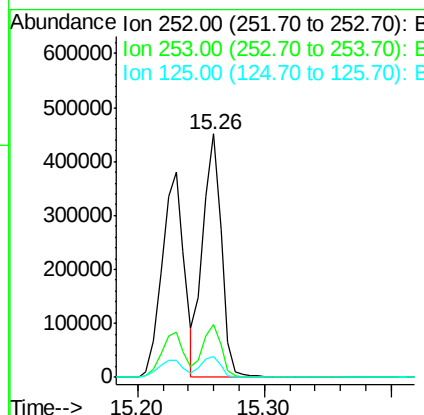
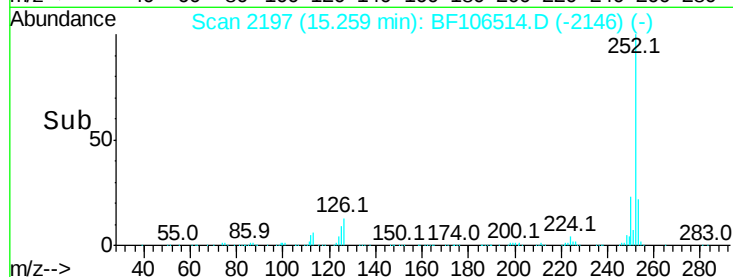
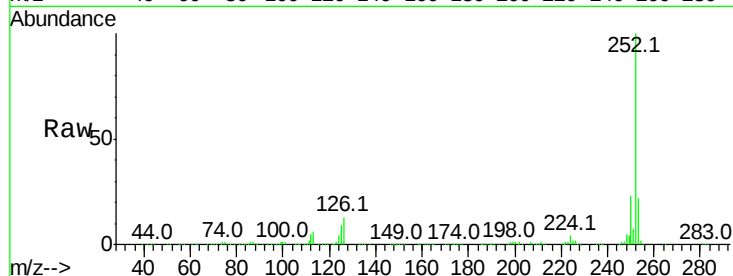
#88  
Benzo(k)fluoranthene  
Concen: 40.792 ng  
RT: 15.26 min Scan# 2197  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.9  | 26.9  |
| 125     | 8.8   | 10.2  | 15.2# |

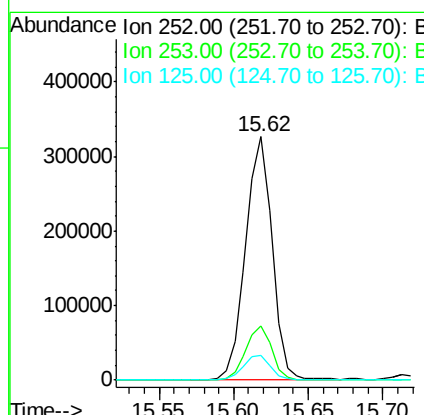
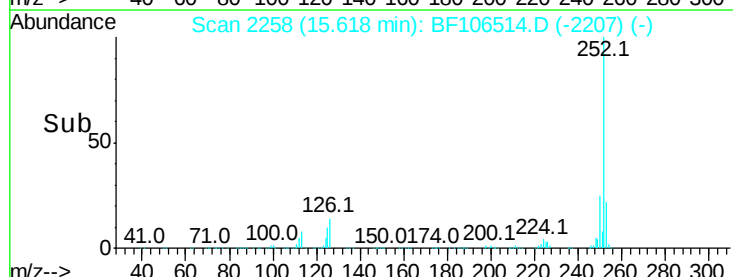
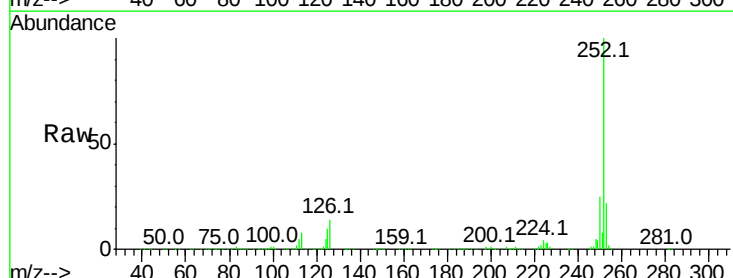
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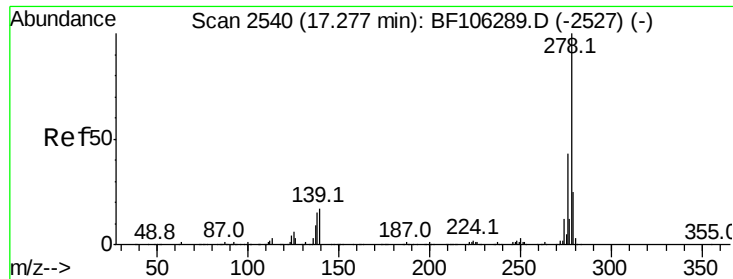
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#89  
Benzo(a)pyrene  
Concen: 39.462 ng  
RT: 15.62 min Scan# 2258  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.1  | 25.7  |
| 125     | 9.9   | 9.8   | 14.6  |





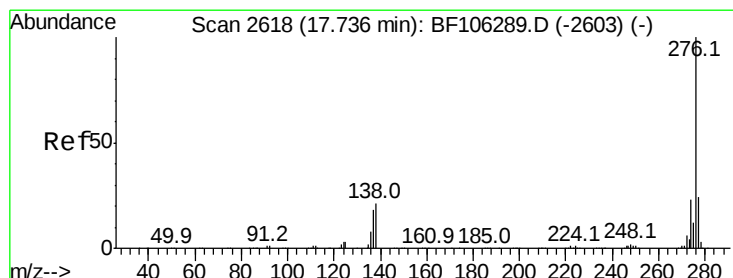
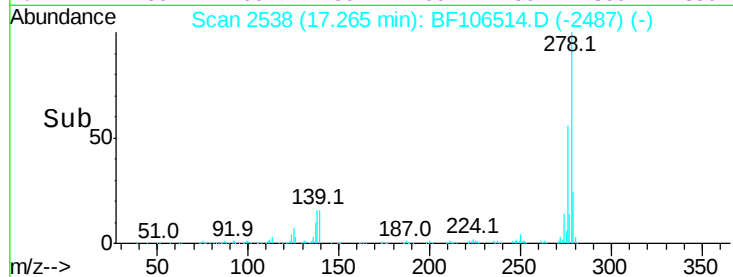
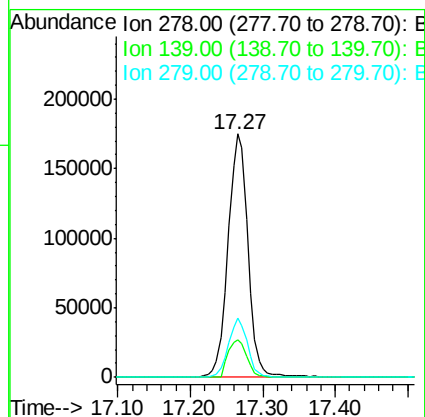
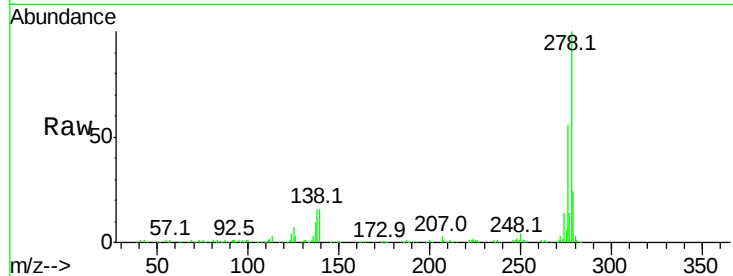
#90  
Dibenzo(a,h)anthracene  
Concen: 39.297 ng  
RT: 17.27 min Scan# 2538  
Delta R.T. 0.00 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.6  | 15.9  | 23.9# |
| 279     | 24.1  | 19.0  | 28.4  |

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#91  
Benzo(g,h,i)perylene  
Concen: 39.670 ng  
RT: 17.72 min Scan# 2616  
Delta R.T. -0.01 min  
Lab File: BF106514.D  
Acq: 16 Jun 2018 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 17.9  | 26.9  |
| 138     | 20.5  | 21.8  | 32.8# |

