

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\  
 Data File : BF105142.D  
 Acq On : 8 May 2018 13:00  
 Operator : JU/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Sohil  
 5/9/2018 6:50:40 PM

Quant Time: May 08 14:50:24 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 08 13:40:11 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 198395   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.08  | 136  | 808944   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.83  | 164  | 392804   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.32 | 188  | 754535   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.04 | 240  | 543302   | 20.00 | ng    | 0.02     |
| 86) Perylene-d12          | 15.62 | 264  | 498427   | 20.00 | ng    | 0.06     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 1209835 | 93.24  | ng | 0.00 |
| 7) Phenol-d6             | 6.42  | 99  | 1445482 | 90.67  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 1255302 | 101.33 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 451006  | 110.69 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.16  | 172 | 2307962 | 92.82  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 2301596 | 96.58  | ng | 0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.52 | 88  | 309207  | 51.144 | ng | 87     |
| 3) Pyridine                    | 3.25 | 79  | 855058  | 50.303 | ng | # 84   |
| 4) n-Nitrosodimethylamine      | 3.22 | 42  | 443255  | 74.598 | ng | 85     |
| 6) Aniline                     | 6.46 | 93  | 1037923 | 46.862 | ng | 95     |
| 8) 2-Chlorophenol              | 6.58 | 128 | 649271  | 47.410 | ng | 96     |
| 9) Benzaldehyde                | 6.35 | 77  | 531519  | 66.813 | ng | 99     |
| 10) Phenol                     | 6.44 | 94  | 786082  | 46.472 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 643309  | 47.658 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.74 | 146 | 750356  | 48.365 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 736585  | 47.628 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 682062  | 47.591 | ng | 97     |
| 15) Benzyl Alcohol             | 6.94 | 79  | 556488  | 45.959 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 1195221 | 65.933 | ng | 97     |
| 17) 2-Methylphenol             | 7.05 | 107 | 557121  | 46.800 | ng | 98     |
| 18) Hexachloroethane           | 7.31 | 117 | 252430  | 45.779 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 478253  | 45.909 | ng | 89     |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 644609  | 43.661 | ng | # 72   |
| 22) Acetophenone               | 7.21 | 105 | 887465  | 44.561 | ng | # 93   |
| 24) Nitrobenzene               | 7.38 | 77  | 696590  | 50.929 | ng | 96     |
| 25) Isophorone                 | 7.62 | 82  | 1316756 | 50.263 | ng | 99     |
| 26) 2-Nitrophenol              | 7.69 | 139 | 272006  | 48.850 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 608841  | 52.660 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 804146  | 50.205 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 566554  | 51.358 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 610622  | 50.437 | ng | 99     |
| 31) Naphthalene                | 8.10 | 128 | 1817196 | 45.113 | ng | 99     |
| 32) Benzoic acid               | 7.85 | 122 | 365475m | 39.618 | ng |        |
| 33) 4-Chloroaniline            | 8.15 | 127 | 786381  | 45.569 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 355037  | 53.540 | ng | 99     |
| 35) Caprolactam                | 8.53 | 113 | 177601m | 46.150 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.63 | 107 | 573898  | 48.517 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 1274080 | 48.898 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 602174  | 53.554 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.94 | 237 | 365981  | 58.139 | ng | 99     |

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 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

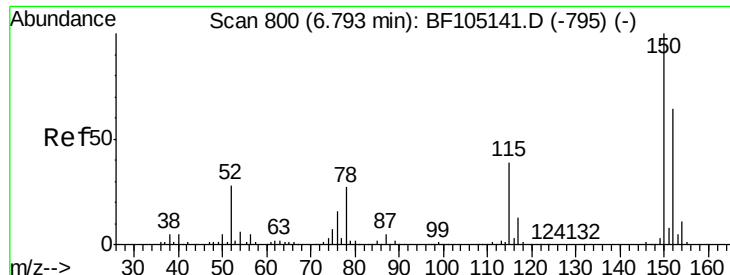
Sohil  
 5/9/2018 6:50:40 PM

Quant Time: May 08 14:50:24 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.06  | 196  | 397298   | 50.899 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.10  | 196  | 407433   | 46.645 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.26  | 154  | 1513112  | 45.854 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.28  | 162  | 1148883  | 44.079 | ng    | 97       |
| 47) 2-Nitroaniline             | 9.37  | 65   | 348717   | 54.100 | ng    | 86       |
| 48) Acenaphthylene             | 9.70  | 152  | 1808155  | 44.215 | ng    | 98       |
| 49) Dimethylphthalate          | 9.56  | 163  | 1354801  | 43.738 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.62  | 165  | 306821   | 53.531 | ng    | 94       |
| 51) Acenaphthene               | 9.87  | 154  | 1149495  | 46.070 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.79  | 138  | 327276   | 48.773 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 9.89  | 184  | 97135    | 55.750 | ng    | # 19     |
| 54) Dibenzofuran               | 10.04 | 168  | 1667117  | 47.944 | ng    | 100      |
| 55) 4-Nitrophenol              | 9.94  | 139  | 267138   | 50.681 | ng    | 98       |
| 56) 2,4-Dinitrotoluene         | 10.02 | 165  | 391589   | 52.085 | ng    | 97       |
| 57) Fluorene                   | 10.38 | 166  | 1183539  | 46.763 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.15 | 232  | 367004   | 56.319 | ng    | # 87     |
| 59) Diethylphthalate           | 10.26 | 149  | 1341575  | 43.488 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204  | 566834   | 50.289 | ng    | 93       |
| 61) 4-Nitroaniline             | 10.40 | 138  | 320948   | 48.918 | ng    | 97       |
| 62) Azobenzene                 | 10.53 | 77   | 1323768  | 44.914 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 147260   | 44.923 | ng    | 89       |
| 65) n-Nitrosodiphenylamine     | 10.50 | 169  | 1129071  | 43.157 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.86 | 248  | 394696   | 49.178 | ng    | 91       |
| 67) Hexachlorobenzene          | 10.93 | 284  | 444652   | 49.237 | ng    | # 84     |
| 68) Atrazine                   | 11.02 | 200  | 370432   | 46.909 | ng    | 97       |
| 69) Pentachlorophenol          | 11.12 | 266  | 270430   | 48.404 | ng    | 99       |
| 70) Phenanthrene               | 11.34 | 178  | 1860579  | 44.279 | ng    | 98       |
| 71) Anthracene                 | 11.40 | 178  | 1918507  | 44.916 | ng    | 99       |
| 72) Carbazole                  | 11.55 | 167  | 1738276  | 41.647 | ng    | 98       |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 1953240  | 38.309 | ng    | 99       |
| 74) Fluoranthene               | 12.53 | 202  | 1984071  | 45.193 | ng    | 98       |
| 76) Benzidine                  | 12.66 | 184  | 1095375  | 58.248 | ng    | 95       |
| 77) Pyrene                     | 12.77 | 202  | 1990891  | 49.437 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.42 | 149  | 748337   | 39.443 | ng    | 98       |
| 80) Benzo(a)anthracene         | 14.02 | 228  | 1661030  | 51.176 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 650605   | 53.761 | ng    | # 96     |
| 82) Chrysene                   | 14.07 | 228  | 1701049  | 51.023 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.03 | 149  | 904018   | 37.045 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.74 | 149  | 1604599  | 39.352 | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 1345561  | 47.511 | ng    | 94       |
| 87) Benzo(b)fluoranthene       | 15.19 | 252  | 1534043  | 48.731 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 15.22 | 252  | 1515814  | 51.004 | ng    | 98       |
| 89) Benzo(a)pyrene             | 15.56 | 252  | 1428574  | 50.719 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.10 | 278  | 1103630  | 47.708 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.52 | 276  | 1119335  | 49.943 | ng    | 94       |

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





#1

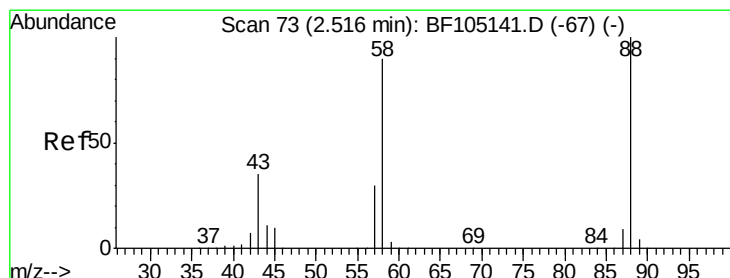
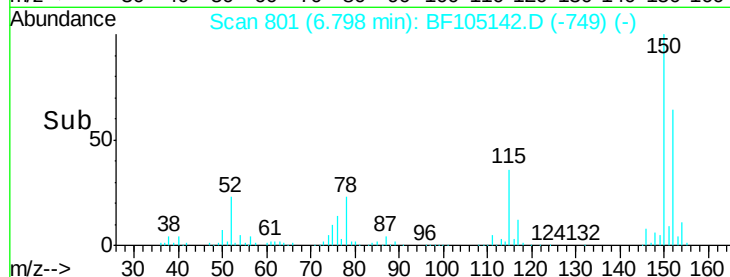
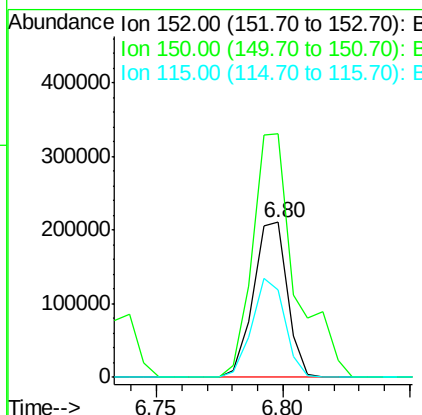
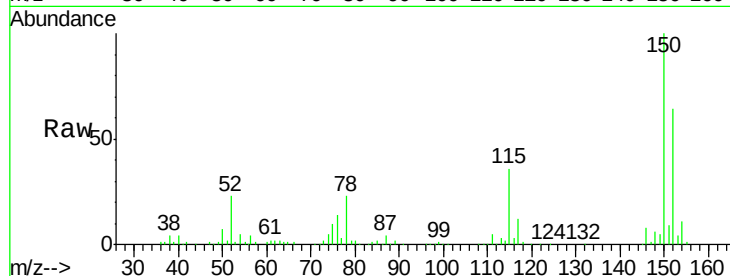
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 801  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.2 | 124.6 | 186.8 |
| 115     | 56.5  | 50.1  | 75.1  |

Manual Integrations  
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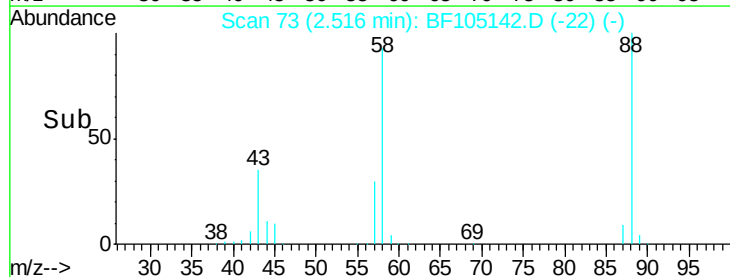
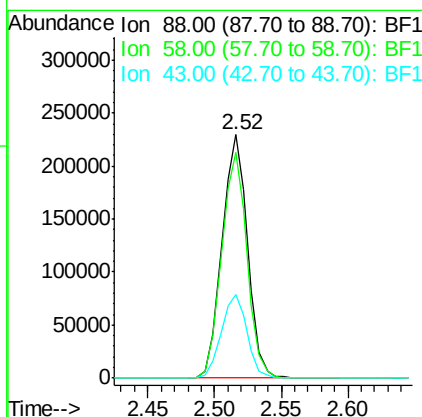
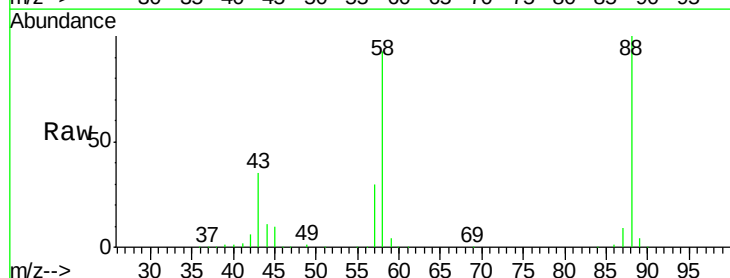
Sohil  
5/9/2018 6:50:40 PM

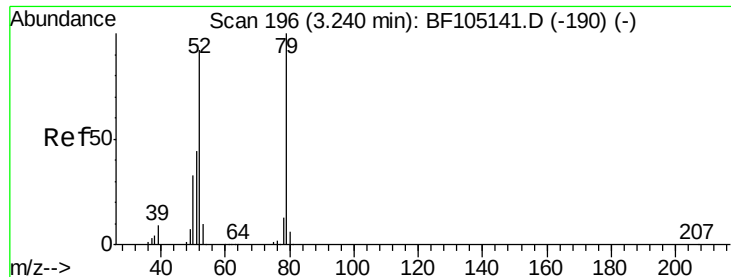


#2

1,4-Dioxane  
Concen: 51.144 ng  
RT: 2.52 min Scan# 73  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 92.1  | 62.6  | 93.8  |
| 43      | 34.5  | 24.6  | 37.0  |





#3

Pvridine

Concen: 50.303 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

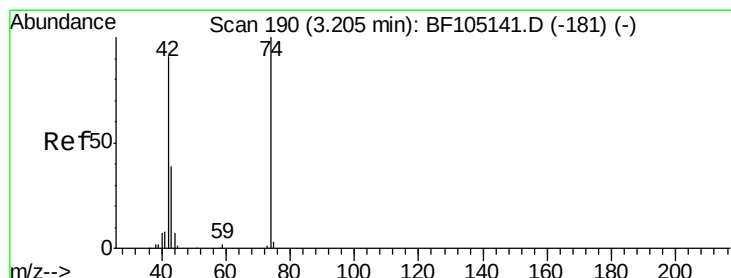
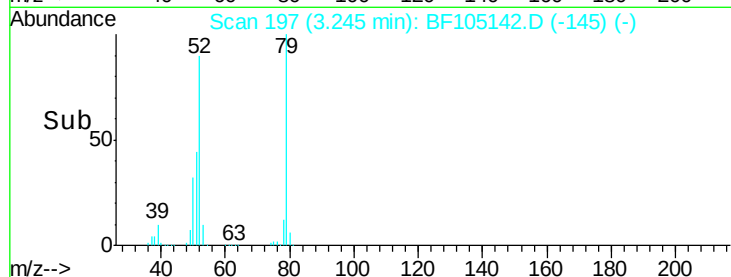
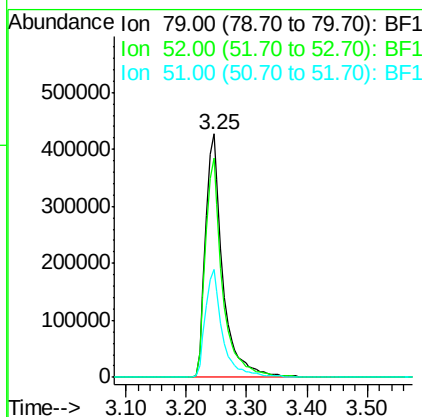
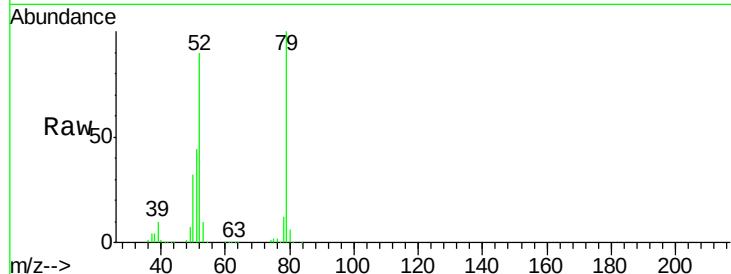
ClientSampled :

SSTDICC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 79   | Resp: | 855058 |
| Ion Ratio |      | Lower | Upper  |
| 79        | 100  |       |        |
| 52        | 89.9 | 59.8  | 89.6#  |
| 51        | 44.2 | 29.8  | 44.8   |

Manual Integrations  
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5/9/2018 6:50:40 PM



#4

n-Nitrosodimethylamine

Concen: 74.598 ng

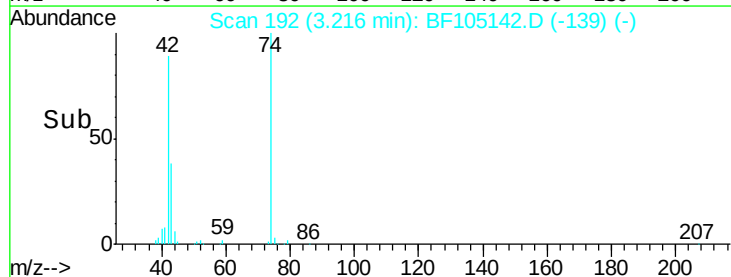
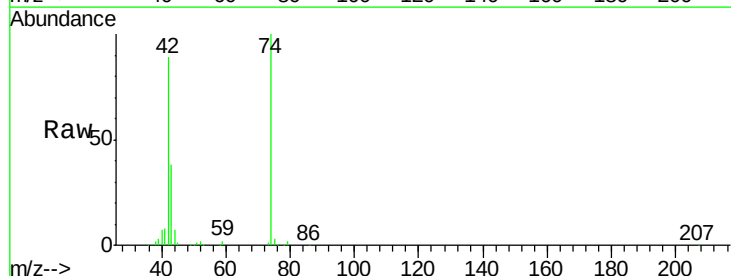
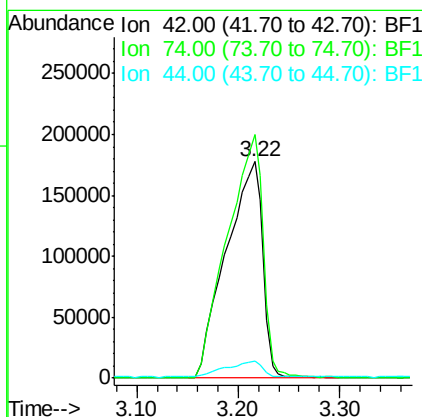
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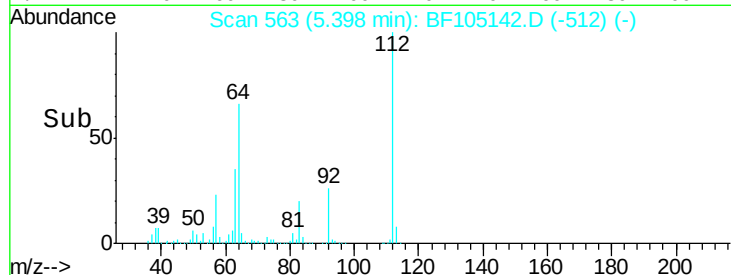
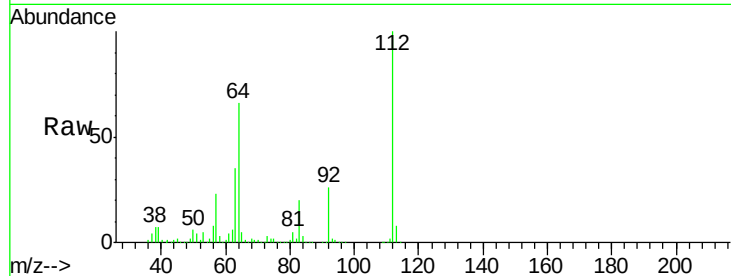
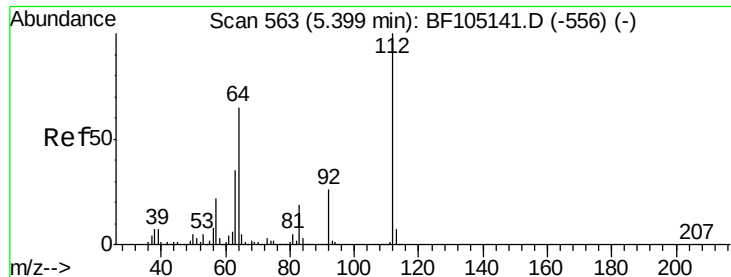
Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 443255 |
| Ion Ratio |       | Lower | Upper  |
| 42        | 100   |       |        |
| 74        | 112.7 | 104.9 | 157.3  |
| 44        | 7.8   | 6.9   | 10.3   |





#5

2-Fluorophenol

Concen: 93.244 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1209835 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 66.3  | 47.9  | 71.9    |
| 63       | 34.8  | 23.7  | 35.5    |

Instrument :

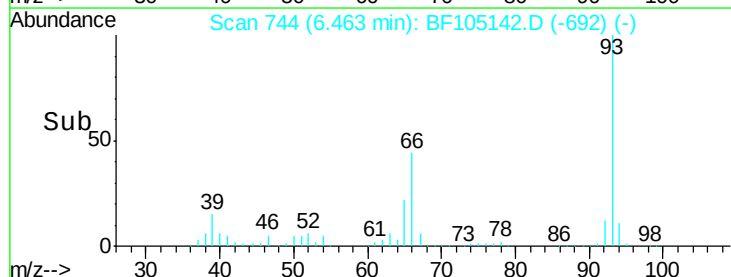
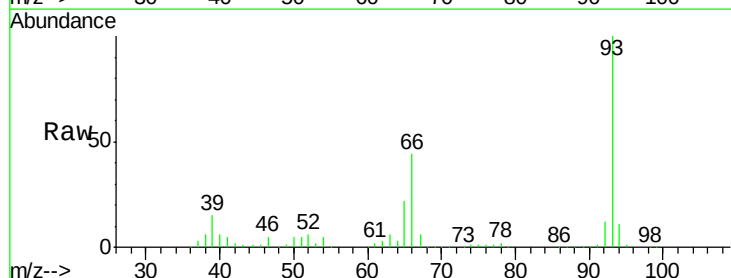
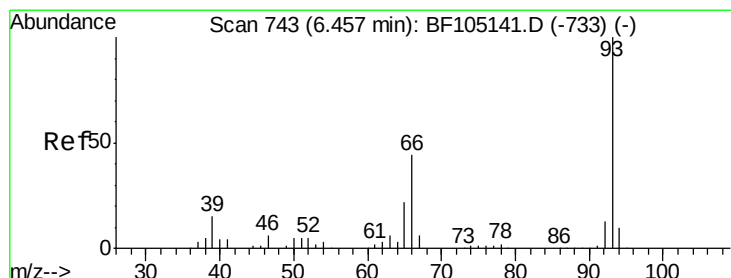
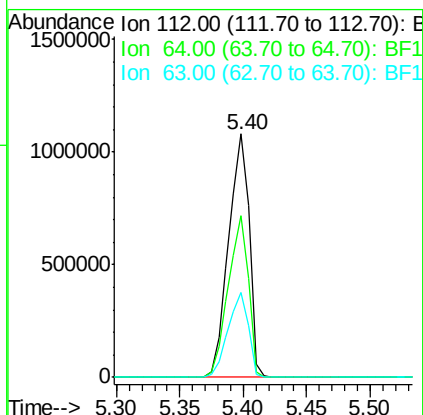
BNA\_F

ClientSampleId :

SSTDICC050

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:50:40 PM



#6

Aniline

Concen: 46.862 ng

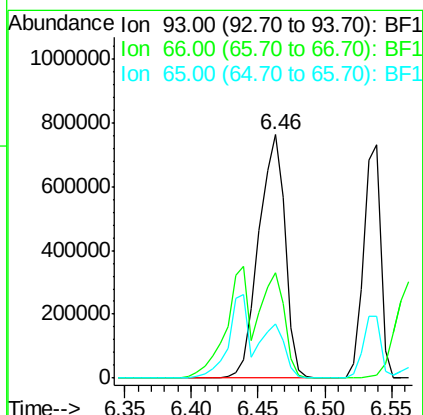
RT: 6.46 min Scan# 744

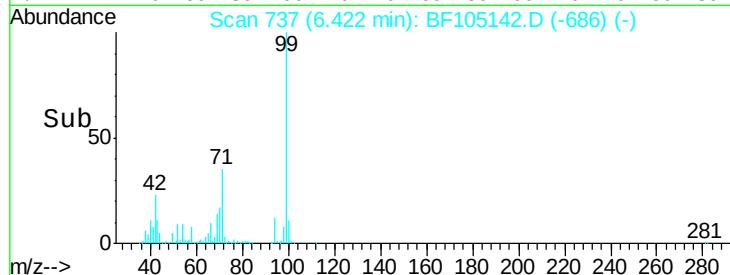
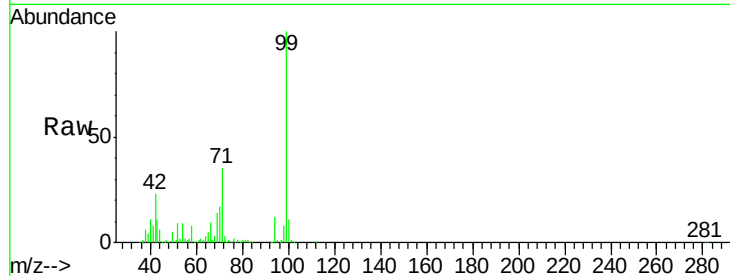
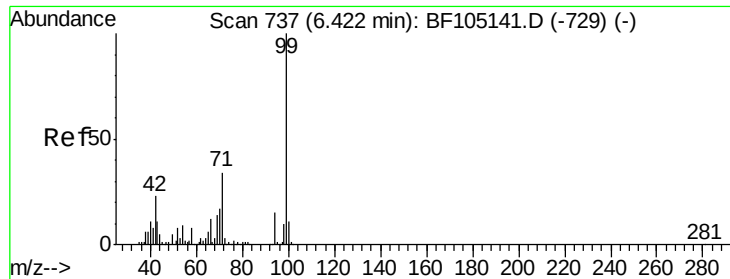
Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 1037923 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 66       | 43.5  | 32.2  | 48.2    |
| 65       | 22.5  | 16.4  | 24.6    |





#7

Phenol-d6

Concen: 90.671 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Tot Ion: 99 Resp: 1445482

Ion Ratio Lower Upper

99 100

42 23.4 14.5 21.7#

71 35.1 25.4 38.0

Instrument :

BNA\_F

ClientSampleId :

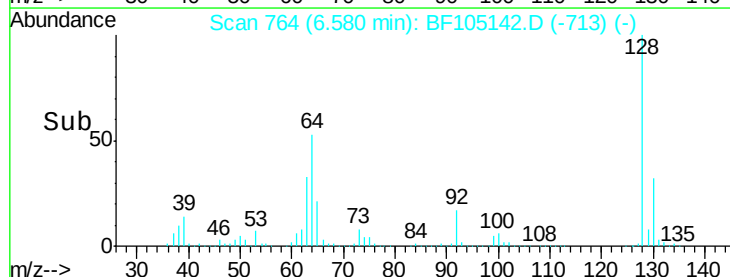
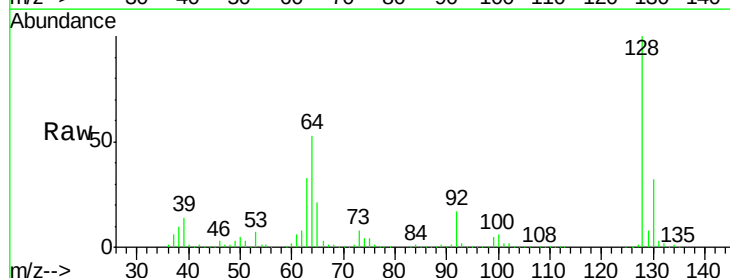
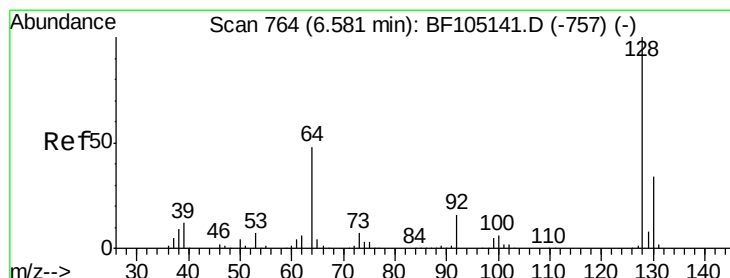
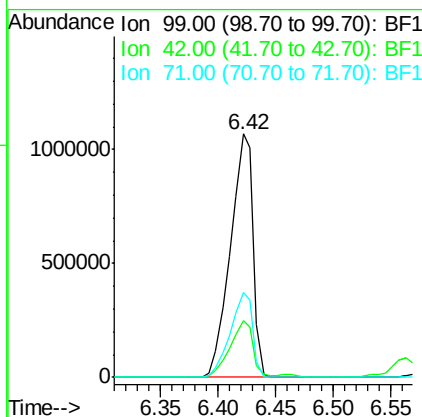
SSTDIC050

Manual Integrations

APPROVED

Sohil

5/9/2018 6:50:40 PM



#8

2-Chlorophenol

Concen: 47.410 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

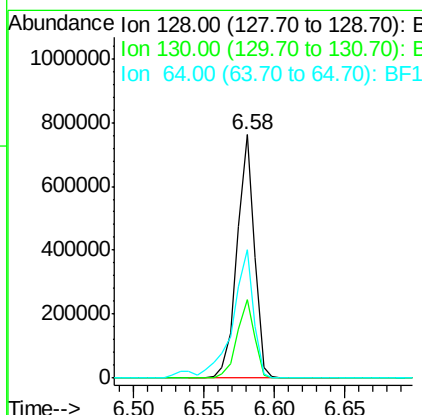
Tgt Ion: 128 Resp: 649271

Ion Ratio Lower Upper

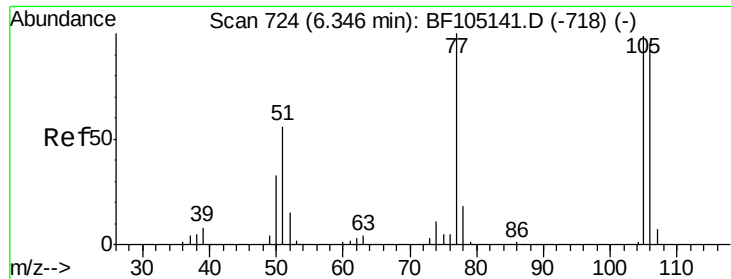
128 100

130 32.0 13.0 53.0

64 52.9 29.4 69.4







#9

Benzaldehyde

Concen: 66.813 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

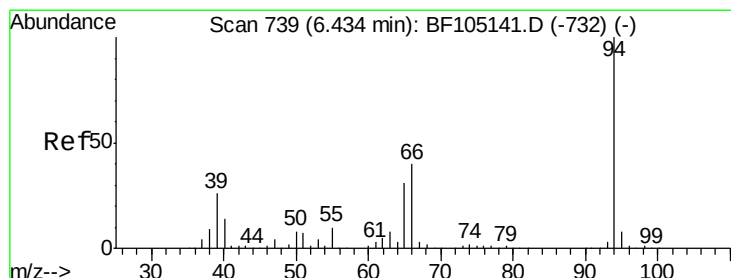
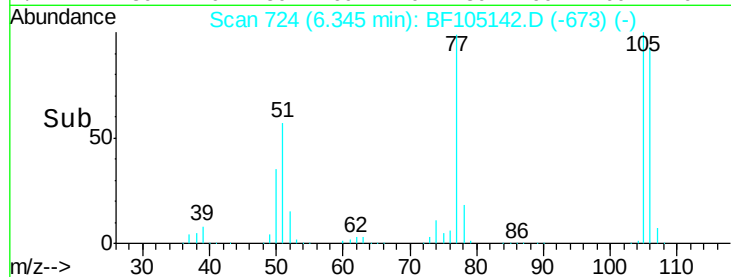
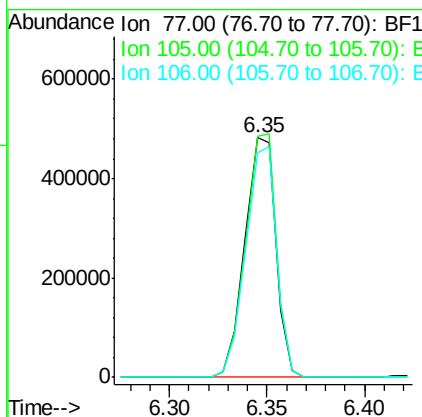
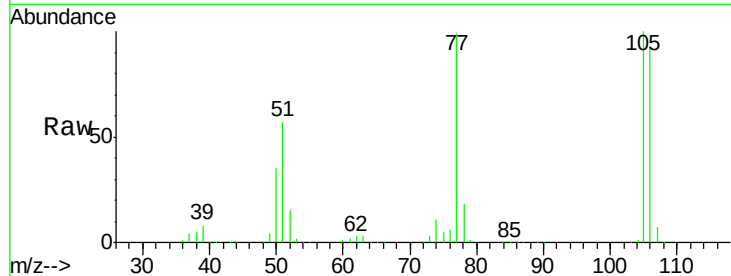
ClientSampleId :

SSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 531519 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 100.6 | 81.1  | 121.1  |
| 106      | 94.0  | 74.5  | 114.5  |

Manual Integrations  
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Sohil  
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#10

Phenol

Concen: 46.472 ng

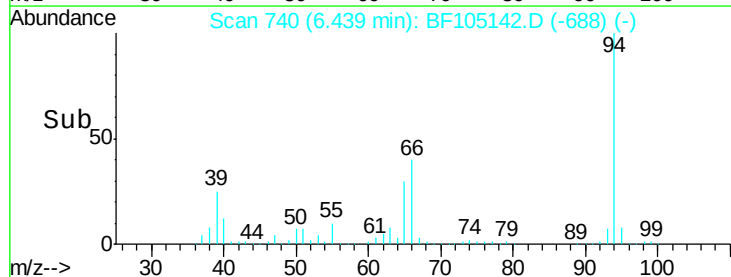
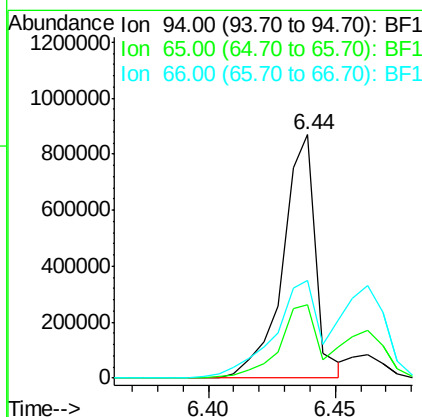
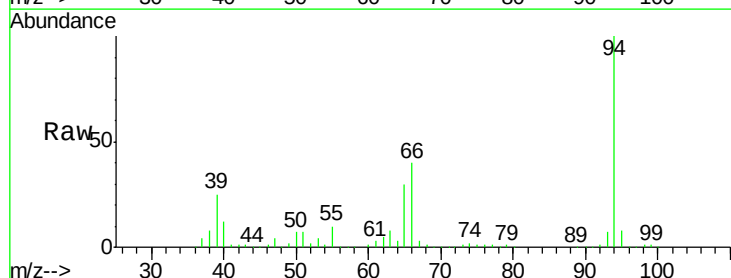
RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

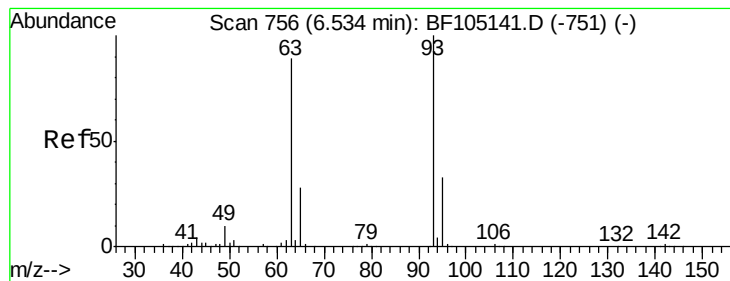
Lab File: BF105142.D

Acq: 8 May 2018 13:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 786082 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.4  | 7.9   | 47.9   |
| 66       | 40.1  | 16.2  | 56.2   |







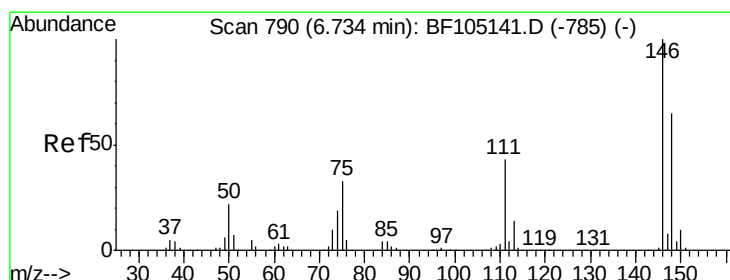
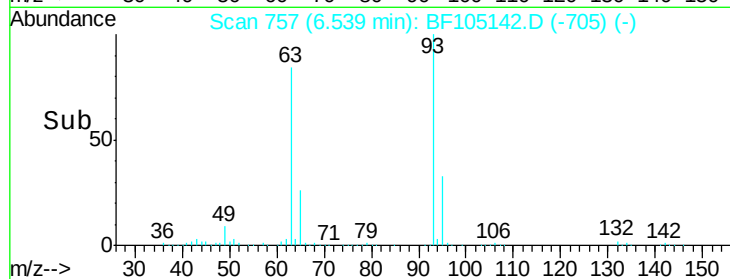
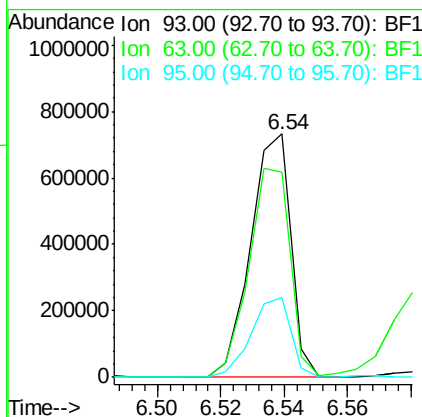
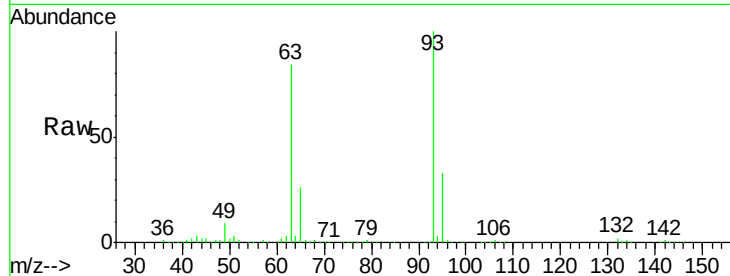
#11  
bis(2-Chloroethyl)ether  
Concen: 47.658 ng  
RT: 6.54 min Scan# 757  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 643309 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 84.3  | 58.6  | 98.6   |
| 95        | 32.5  | 11.8  | 51.8   |

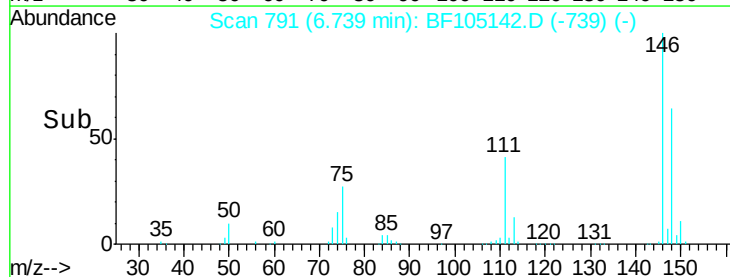
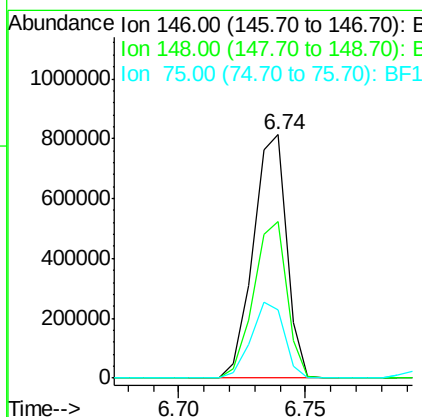
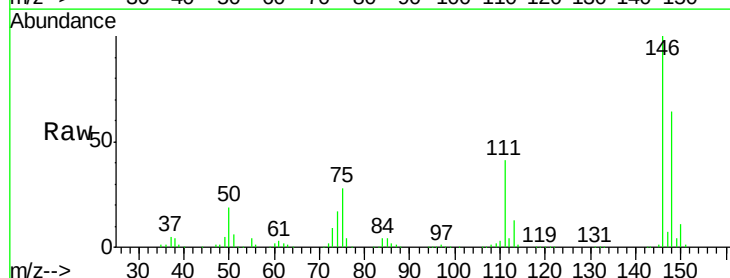
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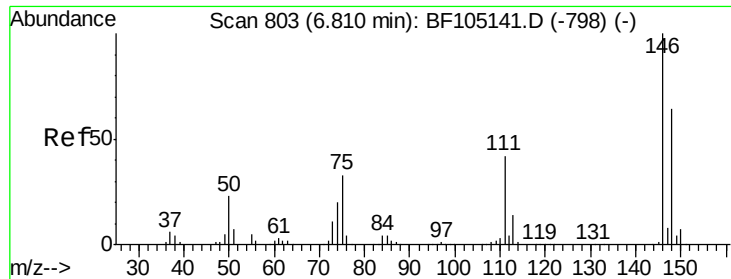
Sohil  
5/9/2018 6:50:40 PM



#12  
1,3-Dichlorobenzene  
Concen: 48.365 ng  
RT: 6.74 min Scan# 791  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 750356 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.3  | 51.8  | 77.8   |
| 75        | 28.2  | 24.2  | 36.4   |





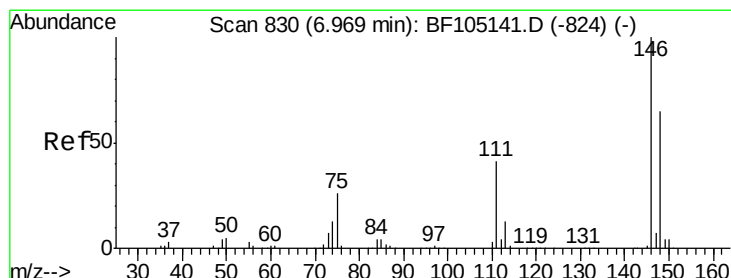
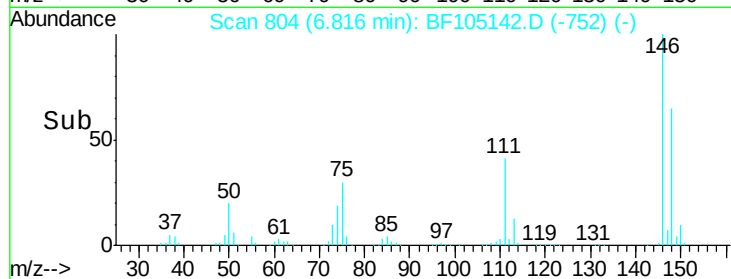
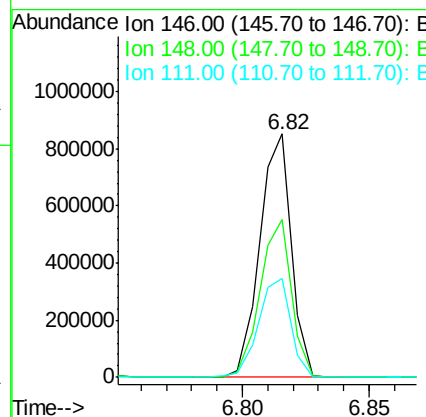
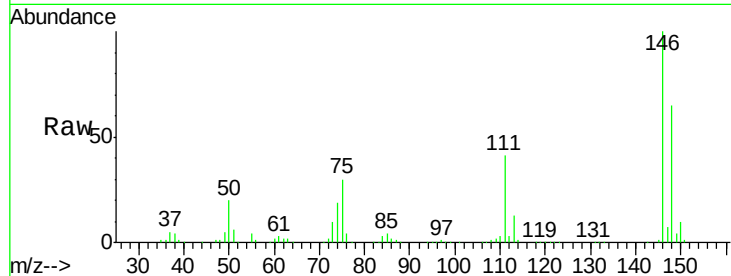
#13  
 1,4-Dichlorobenzene  
 Concen: 47.628 ng  
 RT: 6.82 min Scan# 804  
 Delta R.T. 0.01 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 50.8  | 76.2  |
| 111     | 40.6  | 34.2  | 51.2  |

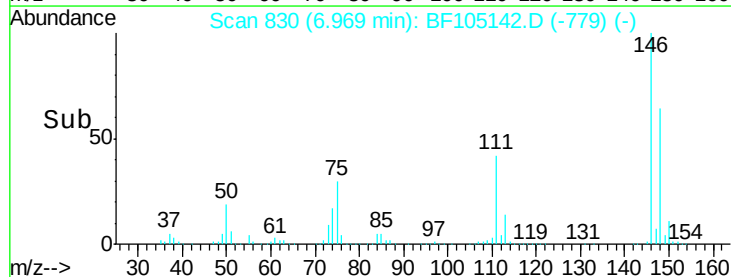
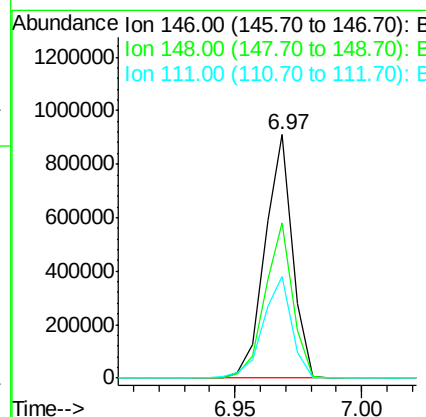
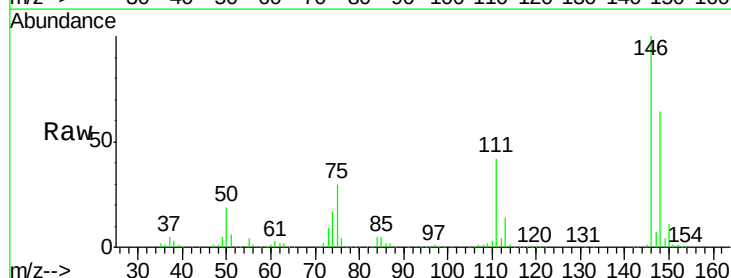
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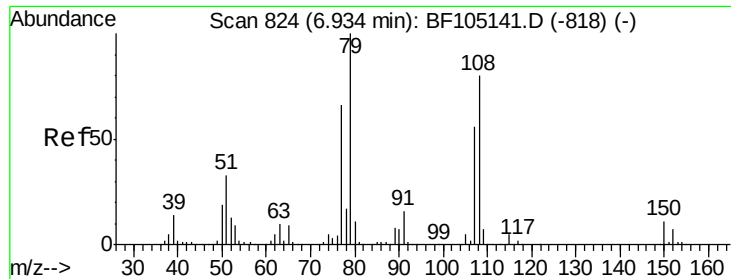
Sohil  
 5/9/2018 6:50:40 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 47.591 ng  
 RT: 6.97 min Scan# 830  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 50.6  | 75.8  |
| 111     | 41.7  | 36.0  | 54.0  |





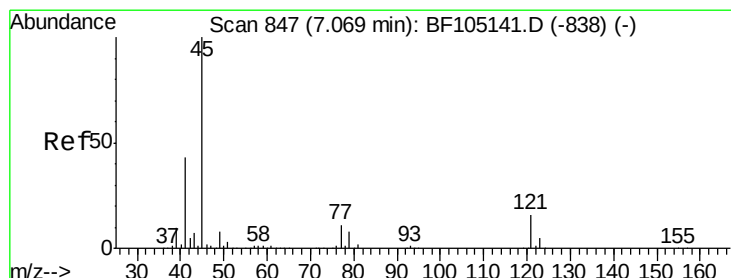
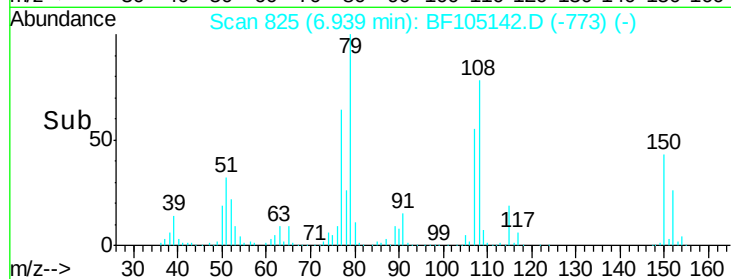
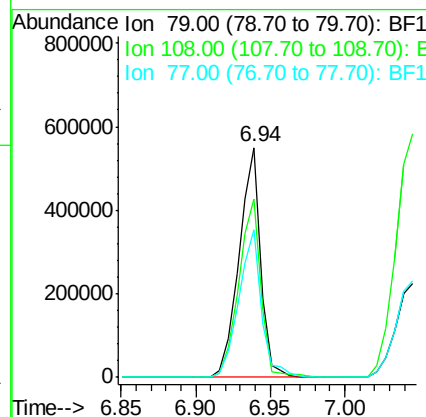
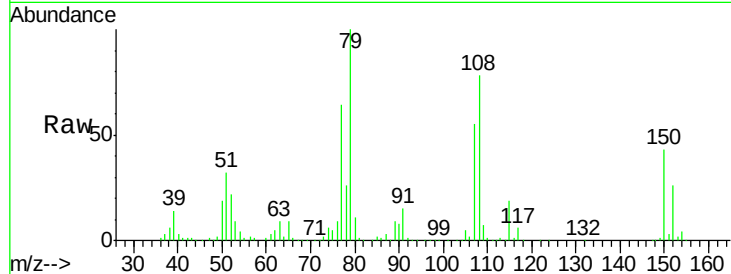
#15  
Benzyl Alcohol  
Concen: 45.959 ng  
RT: 6.94 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.9  | 65.1  | 97.7  |
| 77      | 64.2  | 50.6  | 75.8  |

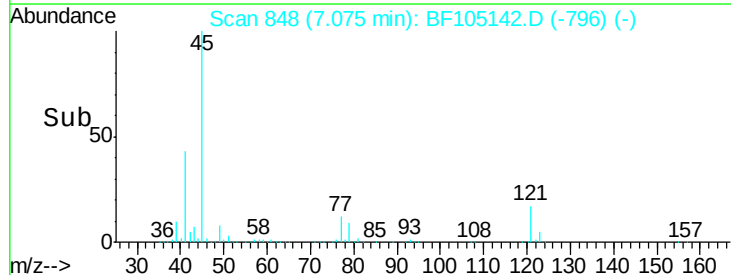
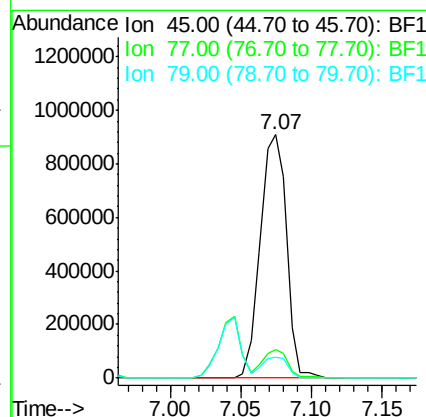
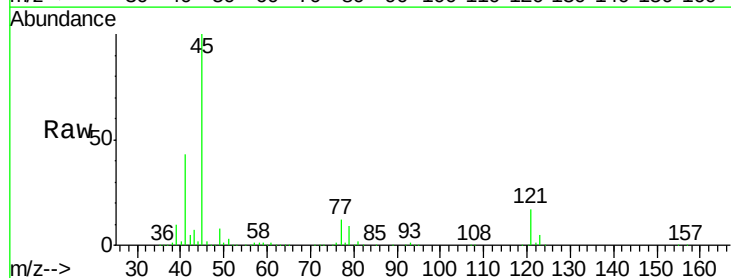
Manual Integrations  
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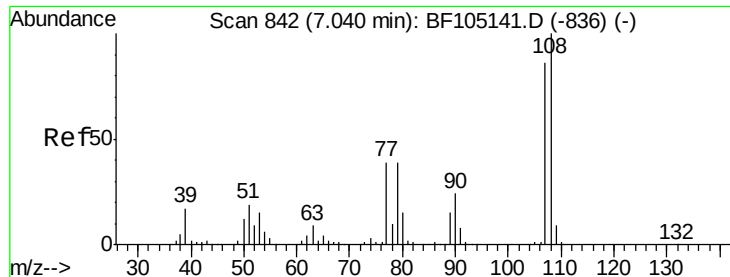
Sohil  
5/9/2018 6:50:40 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 65.933 ng  
RT: 7.07 min Scan# 848  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.6  | 0.0   | 32.9  |
| 79      | 8.7   | 0.0   | 29.6  |





#17

2-Methylphenol

Concen: 46.800 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

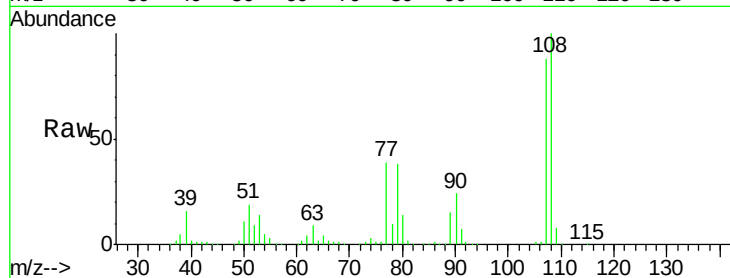
ClientSampleId :

SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.9 | 91.7  | 137.5 |
| 77      | 44.9  | 33.8  | 50.8  |
| 79      | 43.8  | 33.8  | 50.8  |

Manual Integrations  
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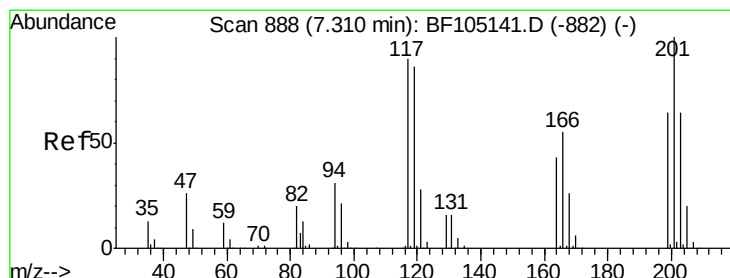
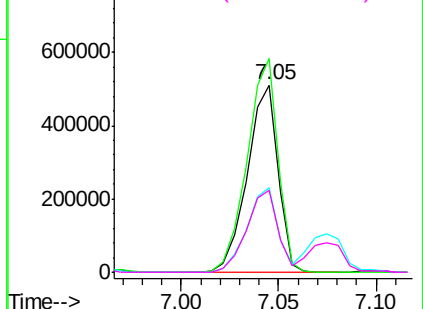
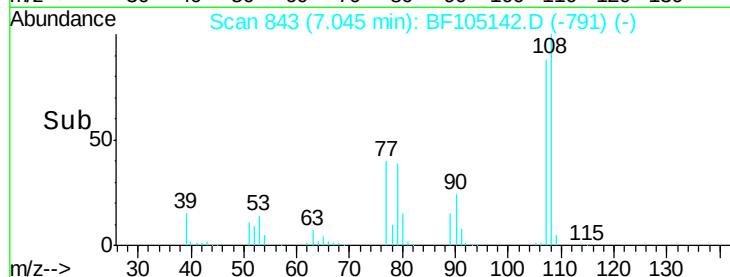


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 45.779 ng

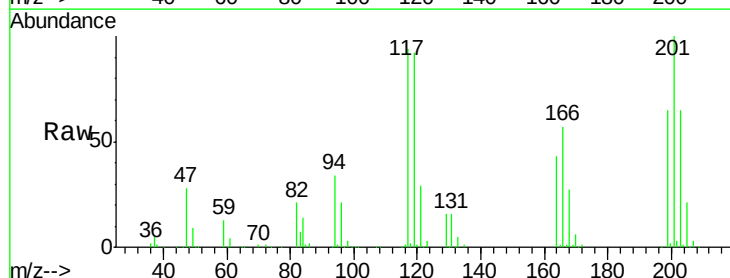
RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

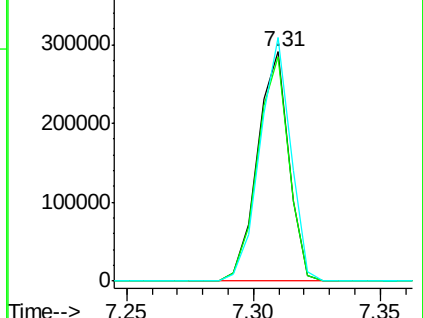
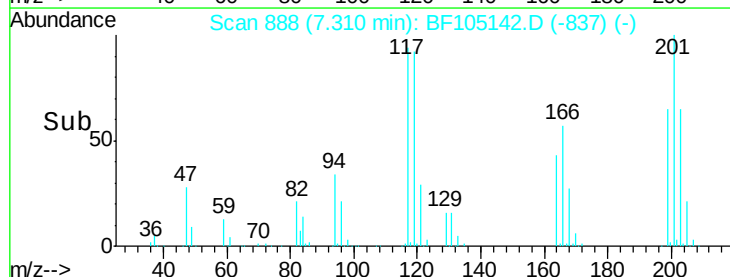
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.0  | 75.8  | 113.8 |
| 201     | 106.3 | 75.7  | 113.5 |

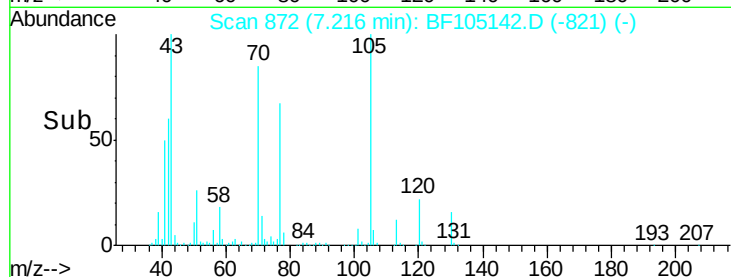
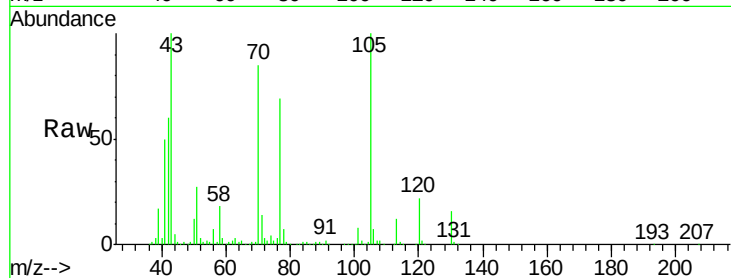
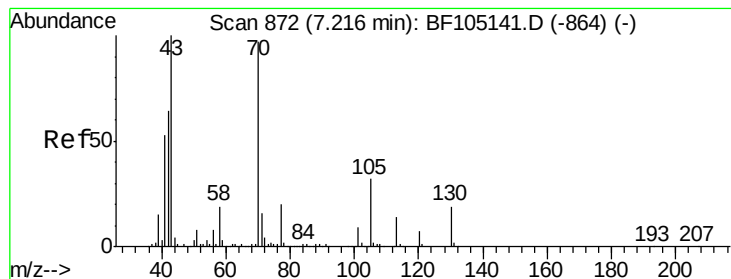


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.909 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion: 70 Resp: 478253

Ion Ratio Lower Upper

70 100

42 70.7 47.5 71.3

101 9.4 7.4 11.2

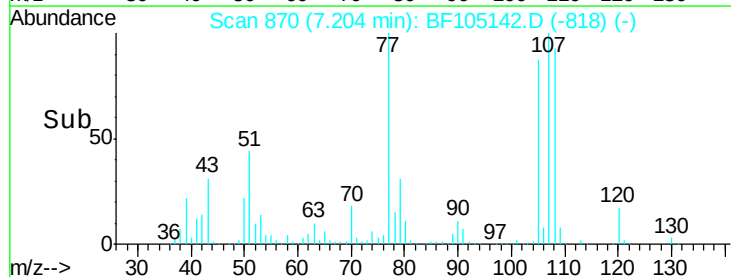
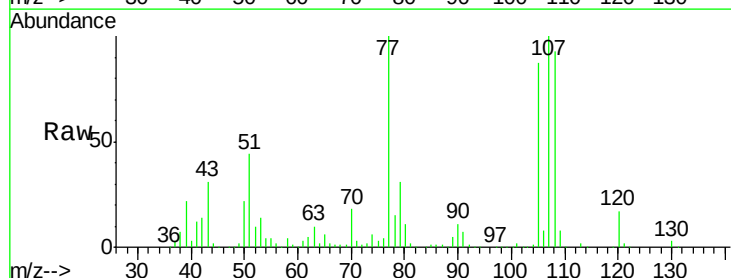
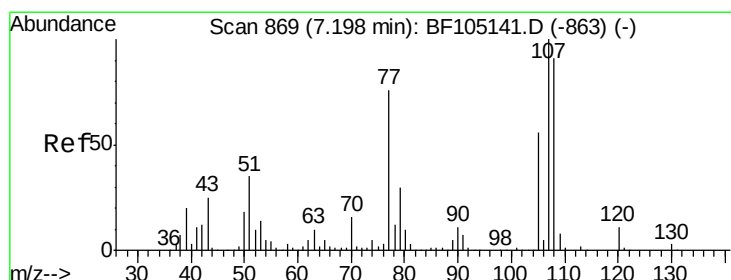
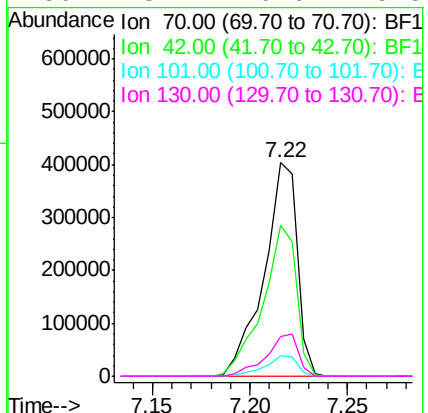
130 18.7 16.6 25.0

Manual Integrations

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Sohil

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#20

3+4-Methylphenols

Concen: 43.661 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Tgt Ion: 107 Resp: 644609

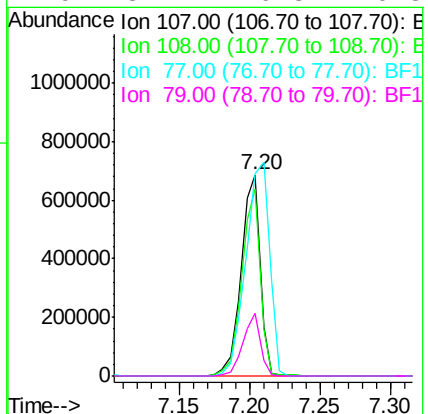
Ion Ratio Lower Upper

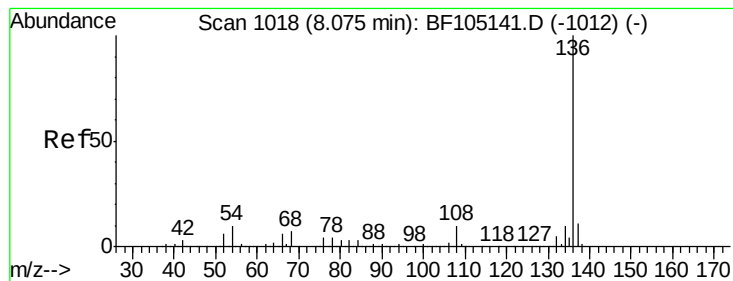
107 100

108 92.9 68.2 108.2

77 100.2 26.7 66.7#

79 31.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

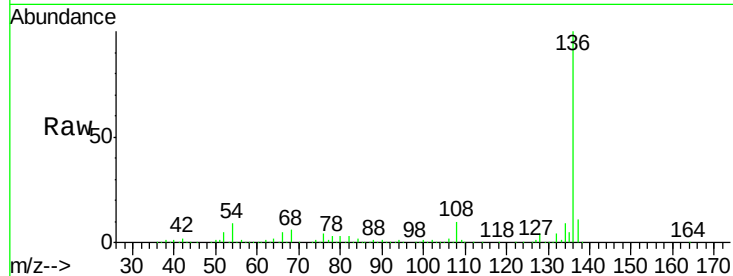
ClientSampleId :

SSTDIC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 808944 |       |       |
| 137     | 11.1 |       | 8.9    | 13.3  |       |
| 54      | 9.0  |       | 6.6    | 9.8   |       |
| 68      | 6.0  |       | 5.0    | 7.4   |       |

Manual Integrations  
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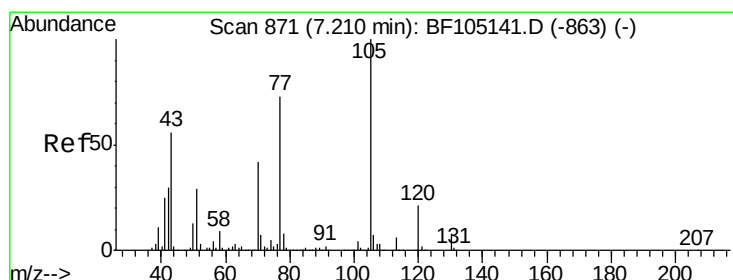
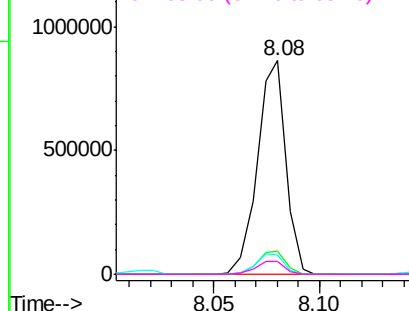
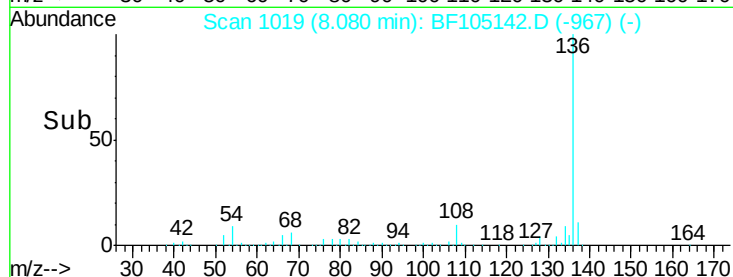


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.561 ng

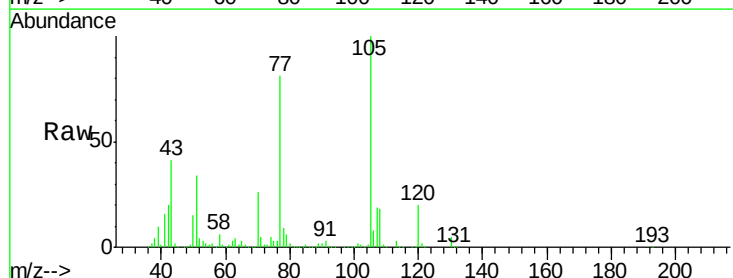
RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 887465 |       |       |
| 71      | 4.5  |       | 4.4    | 6.6   |       |
| 51      | 34.2 |       | 22.3   | 33.5  |       |
| 120     | 20.4 |       | 16.9   | 25.3  |       |

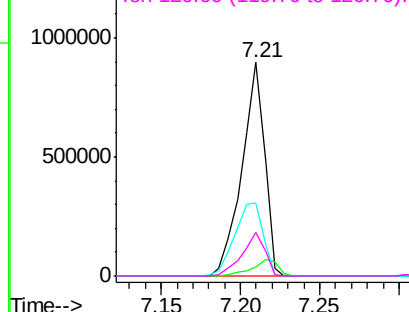
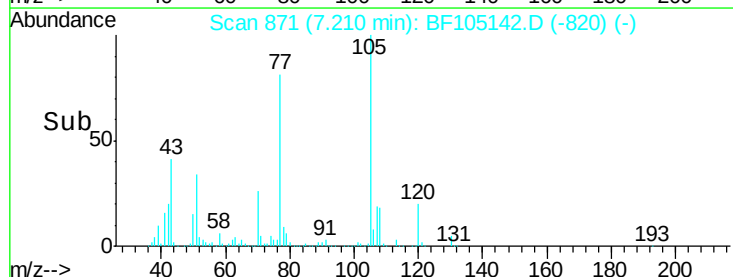


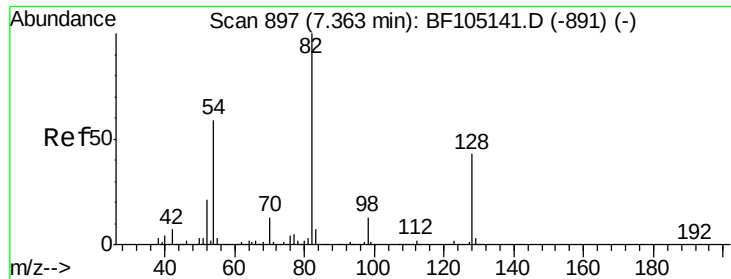
Abundance Ion 105.00 (104.70 to 105.70): E

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





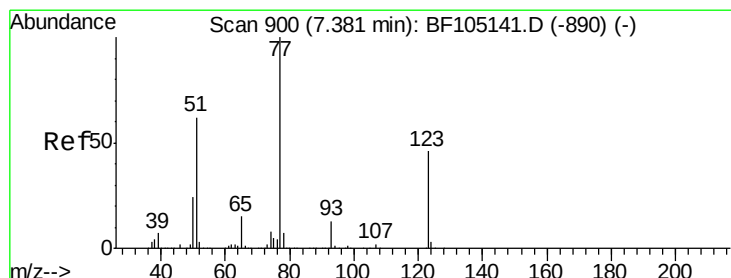
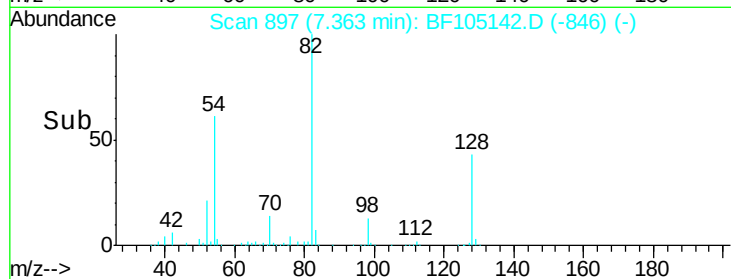
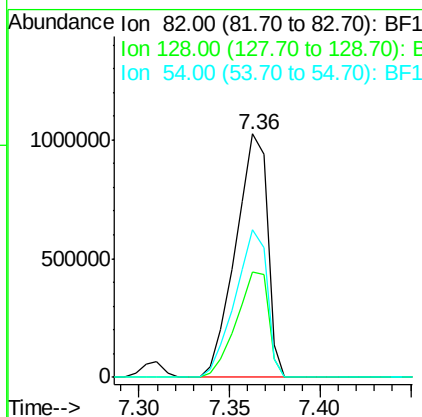
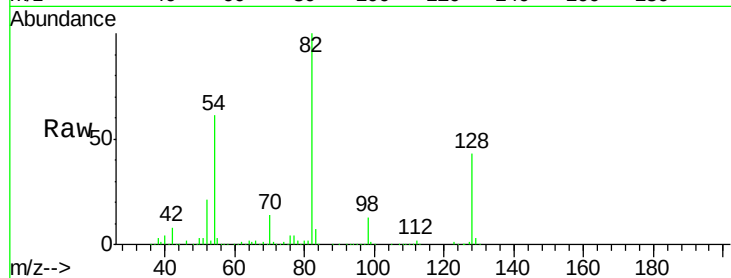
#23  
 Nitrobenzene-d5  
 Concen: 101.328 ng  
 RT: 7.36 min Scan# 897  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.1  | 36.1  | 54.1  |
| 54      | 60.9  | 41.4  | 62.2  |

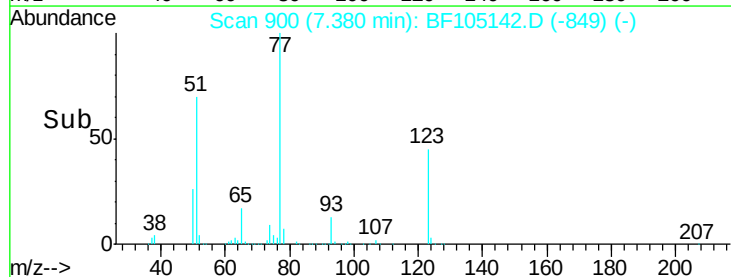
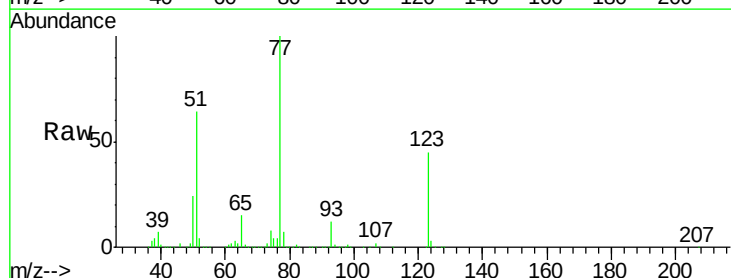
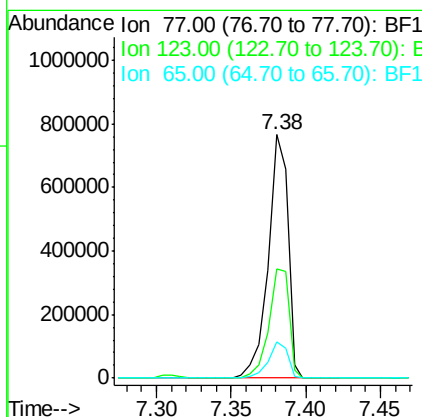
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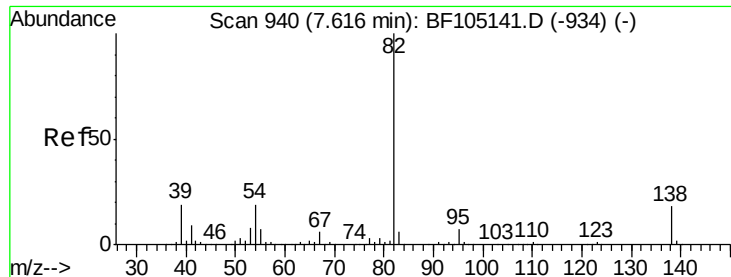


#24  
 Nitrobenzene  
 Concen: 50.929 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.7  | 37.9  | 56.9  |
| 65      | 14.8  | 11.0  | 16.4  |







#25

Isophorone

Concen: 50.263 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1316756

Ion Ratio Lower Upper

82 100

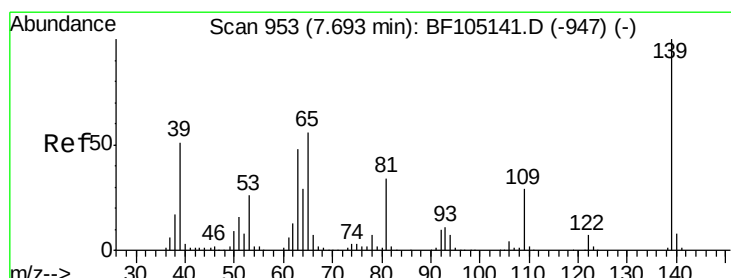
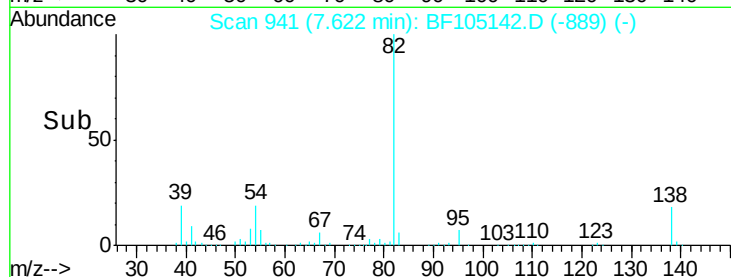
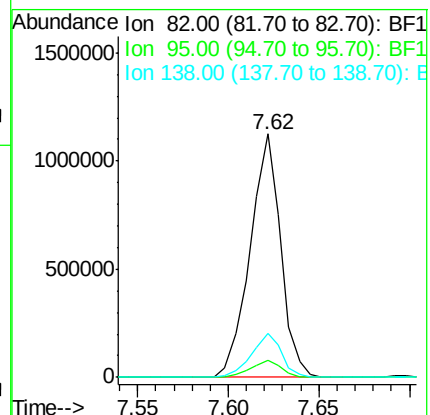
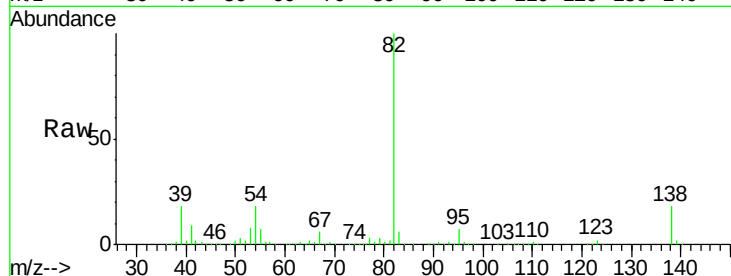
95 7.0 5.2 7.8

138 17.9 14.9 22.3

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#26

2-Nitrophenol

Concen: 48.850 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

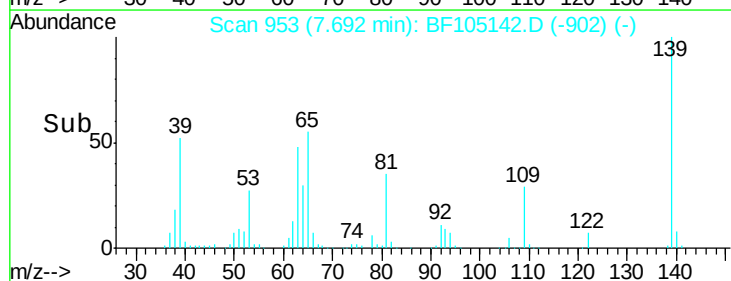
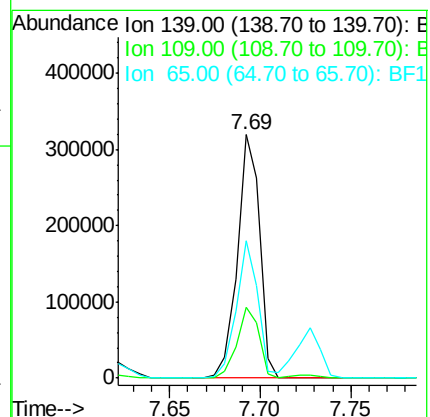
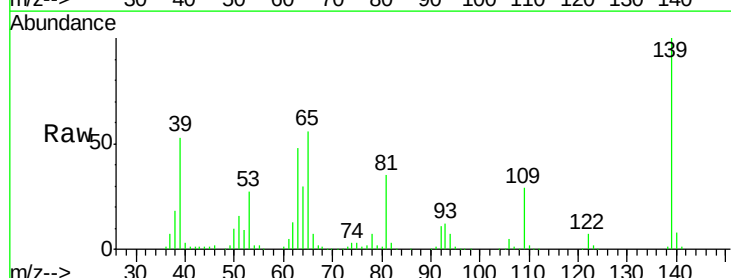
Tgt Ion: 139 Resp: 272006

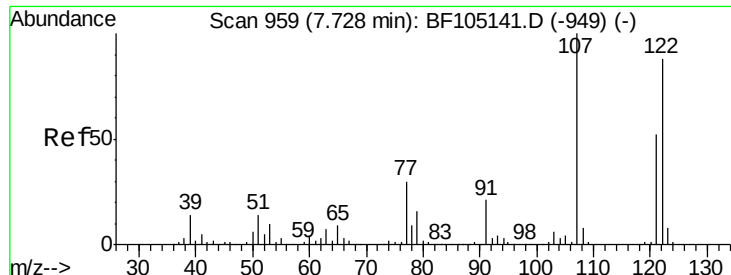
Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

65 56.4 40.5 60.7





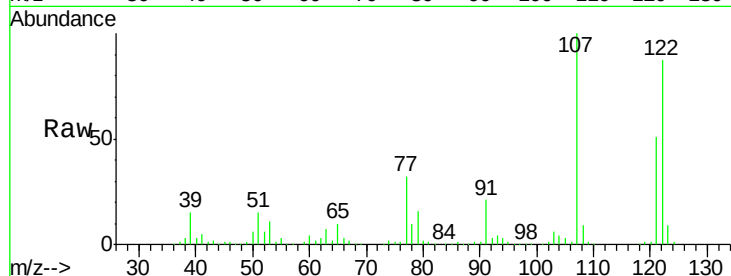
#27  
 2,4-Dimethylphenol  
 Concen: 52.660 ng  
 RT: 7.73 min Scan# 959  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

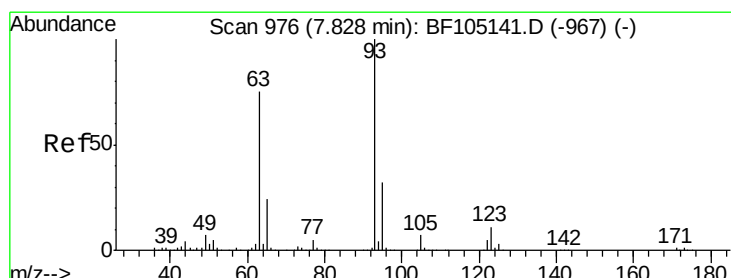
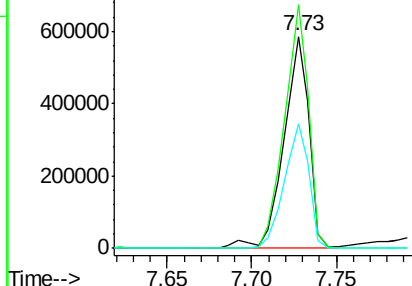
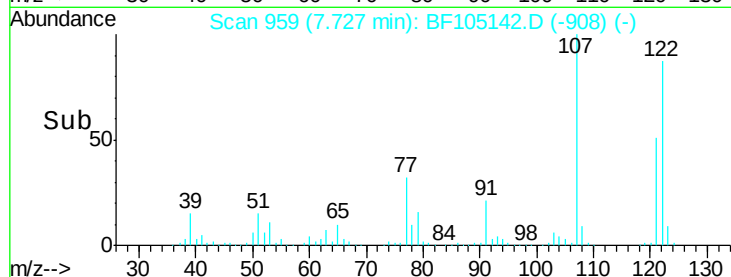
| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 608841 |       |       |
| 107     | 114.8 | 91.2  | 136.8  |       |       |
| 121     | 58.6  | 47.2  | 70.8   |       |       |

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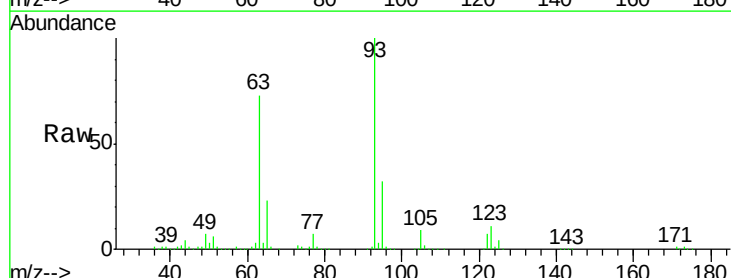


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

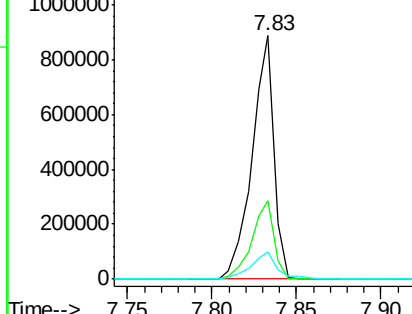
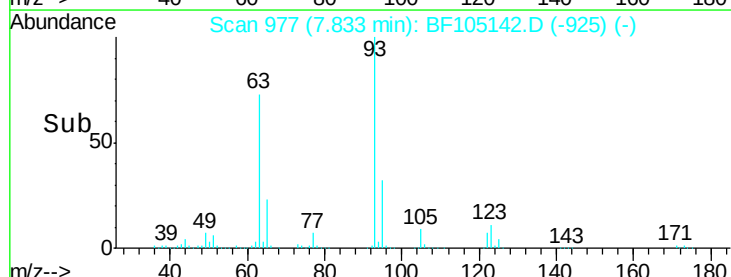


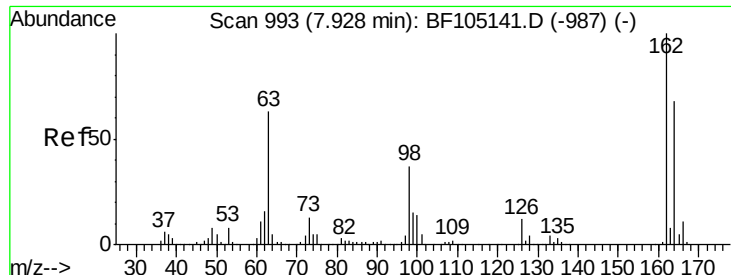
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 50.205 ng  
 RT: 7.83 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 804146 |       |       |
| 95      | 32.3 | 26.3  | 39.5   |       |       |
| 123     | 11.3 | 9.8   | 14.6   |       |       |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
 Ion 95.00 (94.70 to 95.70): BF1  
 Ion 123.00 (122.70 to 123.70): E





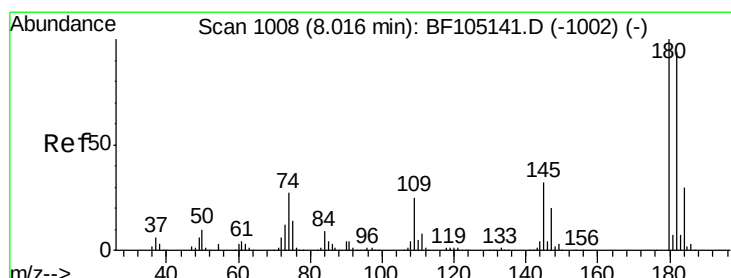
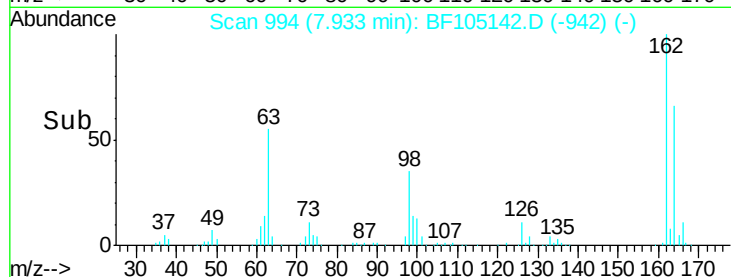
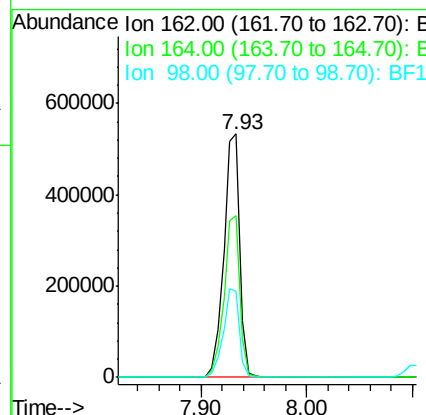
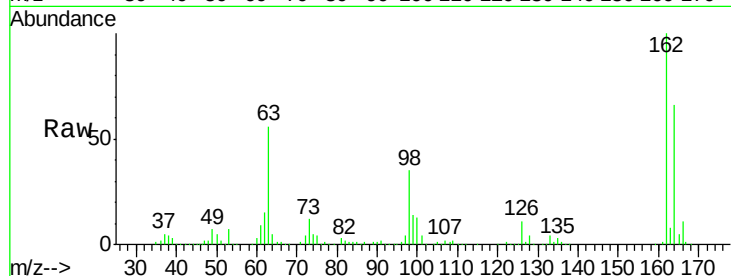
#29  
2,4-Dichlorophenol  
Concen: 51.358 ng  
RT: 7.93 min Scan# 994  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 566554 |       |       |
| 164     | 66.3  | 42.7   | 82.7  |       |
| 98      | 35.3  | 18.1   | 58.1  |       |

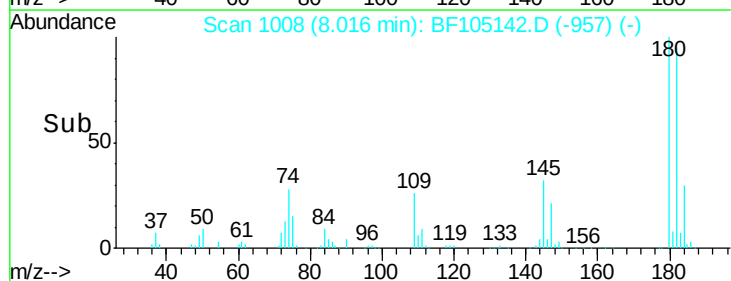
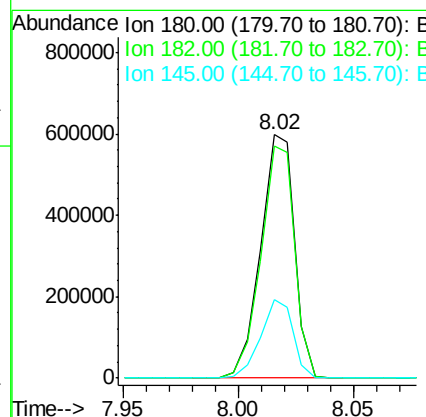
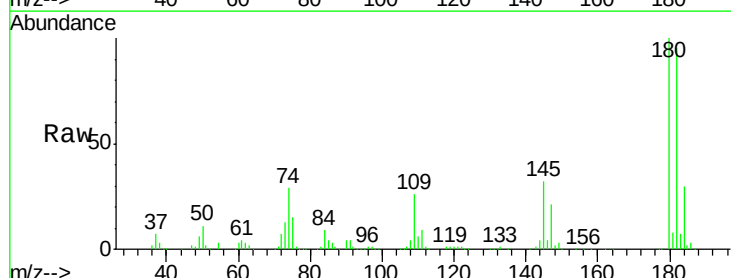
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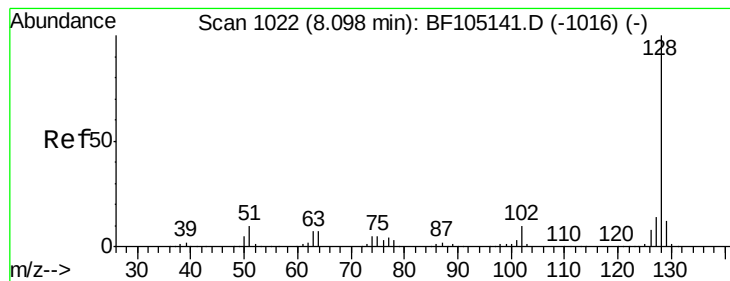
Sohil  
5/9/2018 6:50:40 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 50.437 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 610622 |       |       |
| 182     | 95.3  | 76.8   | 115.2 |       |
| 145     | 32.5  | 26.5   | 39.7  |       |





#31

Naphthalene

Concen: 45.113 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 1817196

Ion Ratio Lower Upper

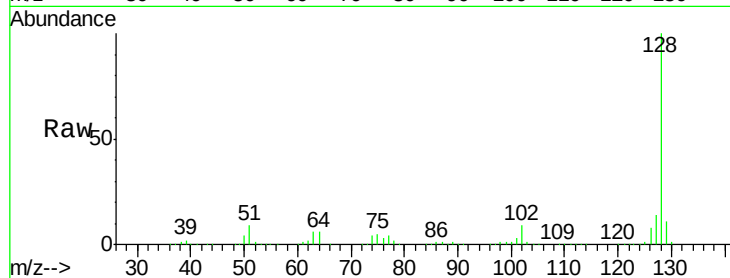
128 100

129 11.2 8.8 13.2

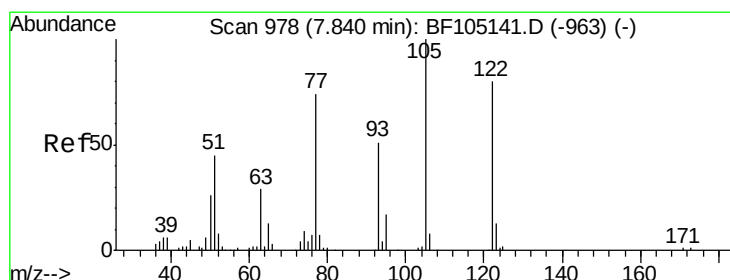
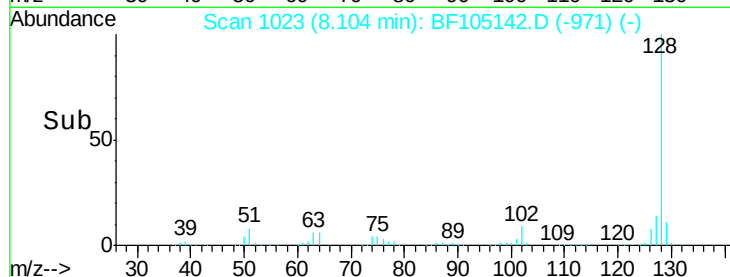
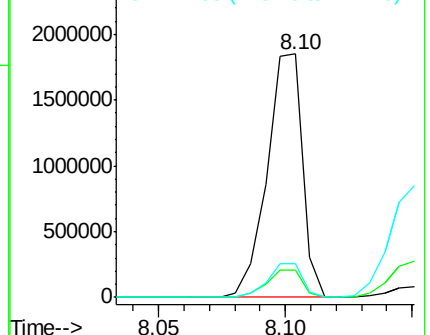
127 14.0 10.9 16.3

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Abundance Ion 128.00 (127.70 to 128.70): E  
2500000  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.618 ng m

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

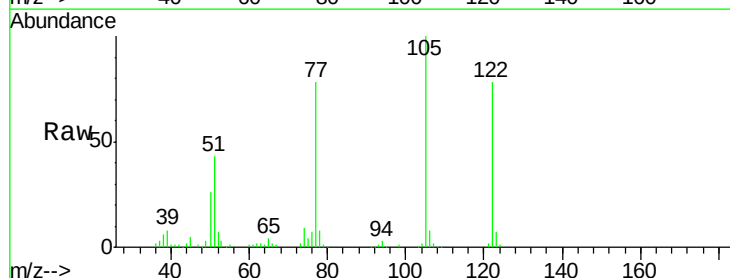
Tgt Ion:122 Resp: 365475

Ion Ratio Lower Upper

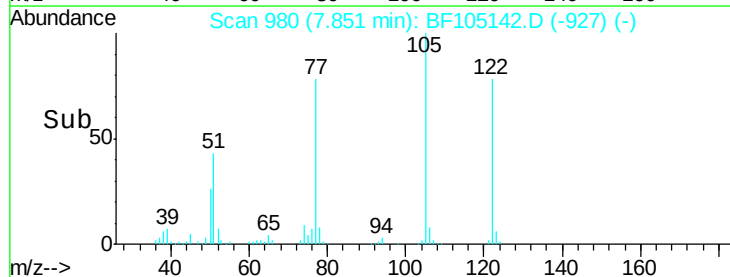
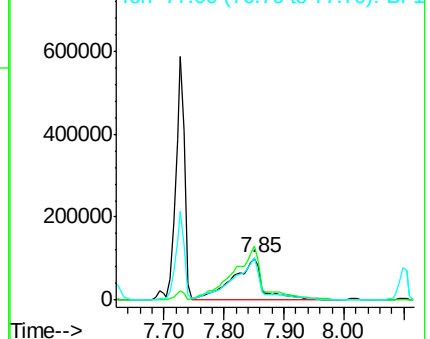
122 100

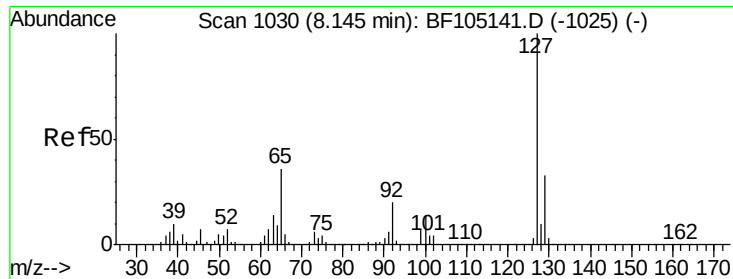
105 128.8 101.1 141.1

77 101.0 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E  
800000  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1





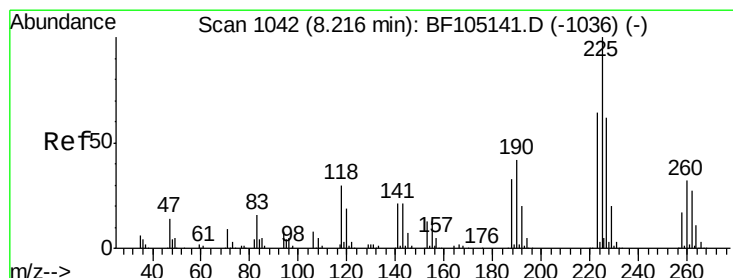
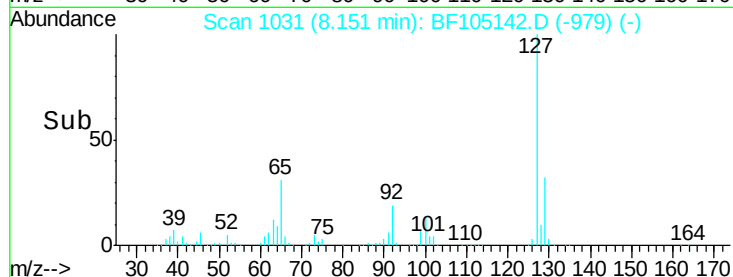
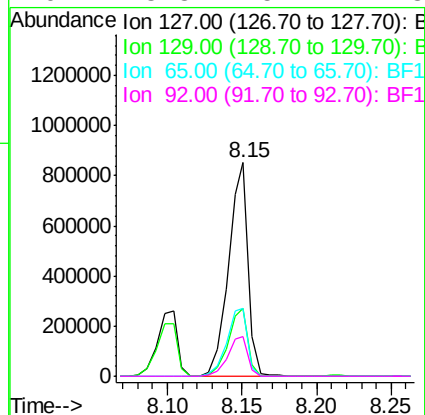
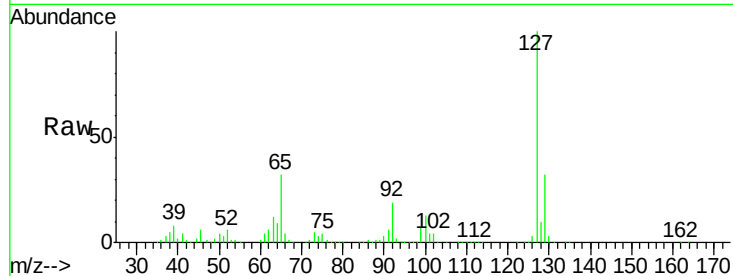
#33  
4-Chloroaniline  
Concen: 45.569 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.1 |       | 25.9 | 38.9  |       |
| 65      | 31.7 |       | 25.0 | 37.4  |       |
| 92      | 18.8 |       | 15.2 | 22.8  |       |

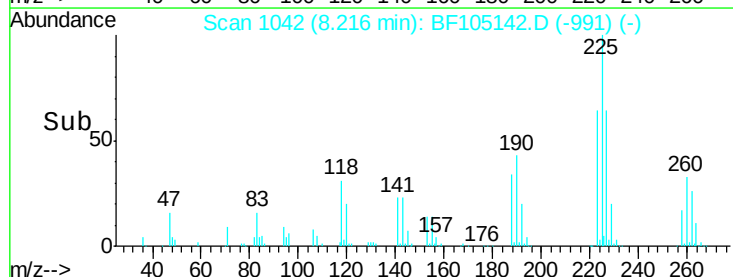
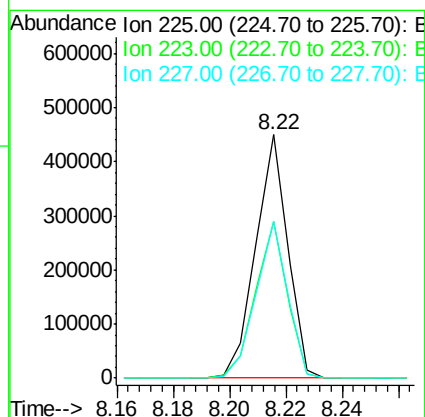
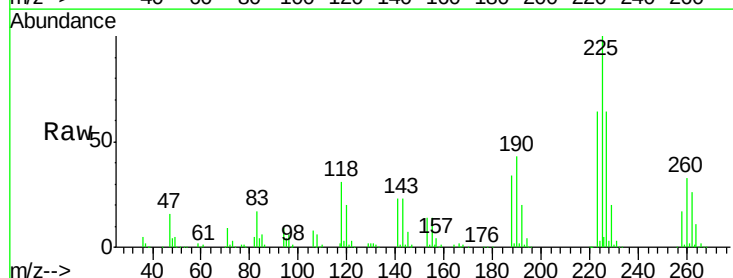
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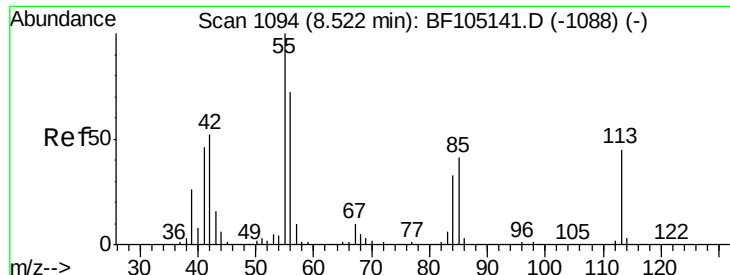
Sohil  
5/9/2018 6:50:40 PM



#34  
Hexachlorobutadiene  
Concen: 53.540 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.3 |       | 50.6 | 76.0  |       |
| 227     | 64.1 |       | 51.9 | 77.9  |       |





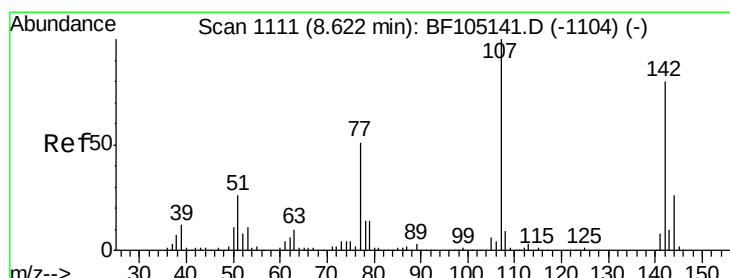
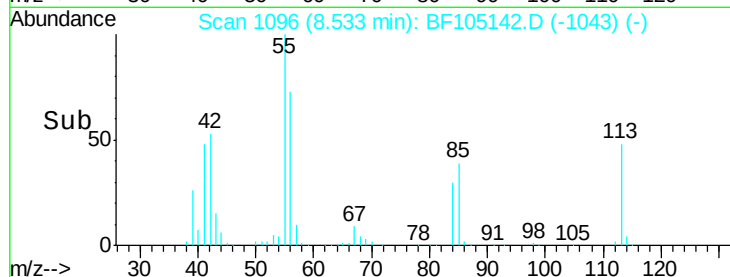
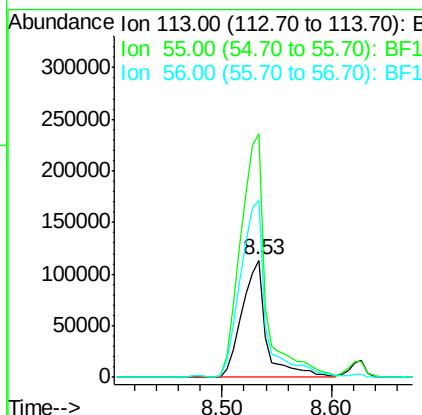
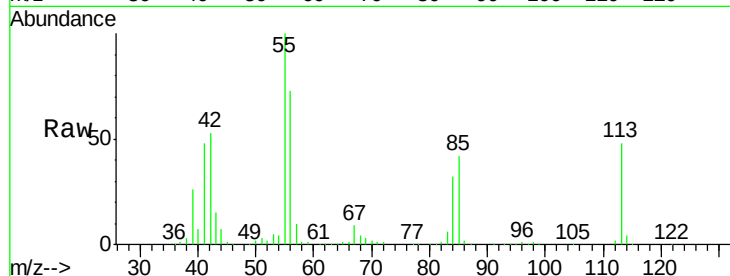
#35  
 Caprolactam  
 Concen: 46.150 ng/ml  
 RT: 8.53 min Scan# 1096  
 Delta R.T. 0.01 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 113     | 100   |       |        |       |       |
| 55      | 208.2 | 163.3 | 203.3# |       |       |
| 56      | 151.4 | 115.7 | 155.7  |       |       |

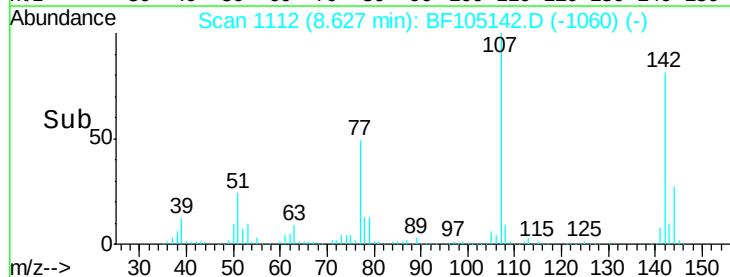
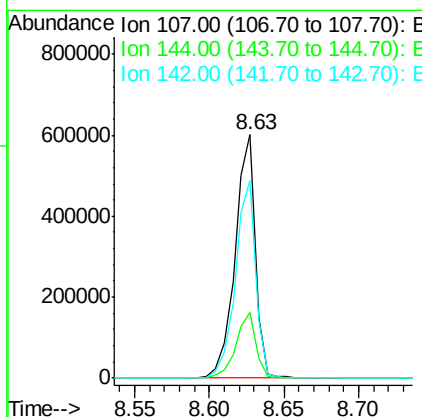
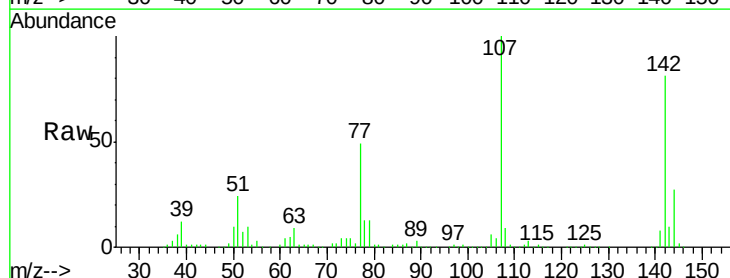
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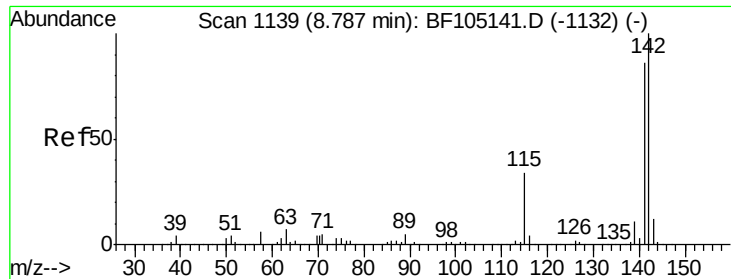
Sohil  
 5/9/2018 6:50:40 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 48.517 ng/ml  
 RT: 8.63 min Scan# 1112  
 Delta R.T. 0.01 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 26.9 | 20.5  | 30.7 |       |       |
| 142     | 81.1 | 62.0  | 93.0 |       |       |





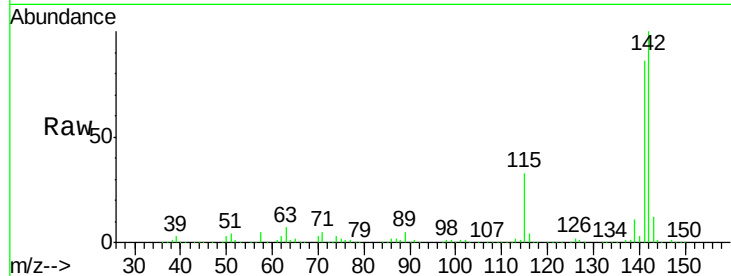
#37  
2-Methylnaphthalene  
Concen: 48.898 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

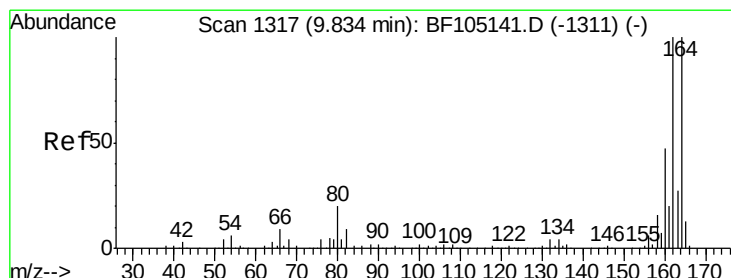
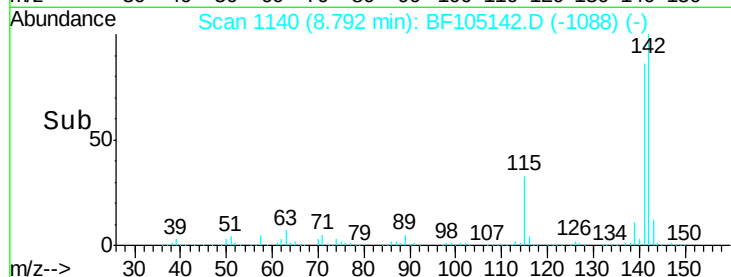
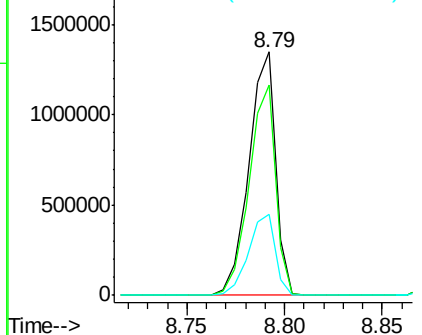
Tot Ion:142 Resp: 1274080  
Ion Ratio Lower Upper  
142 100  
141 86.4 70.8 106.2  
115 33.4 26.1 39.1

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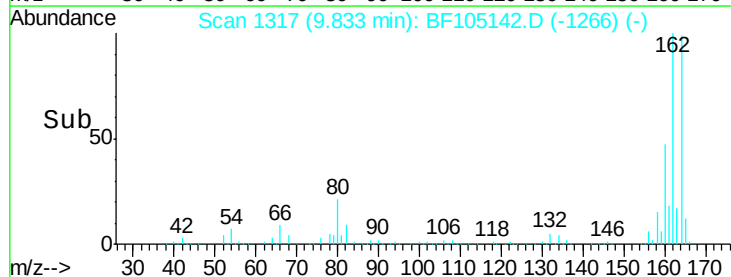
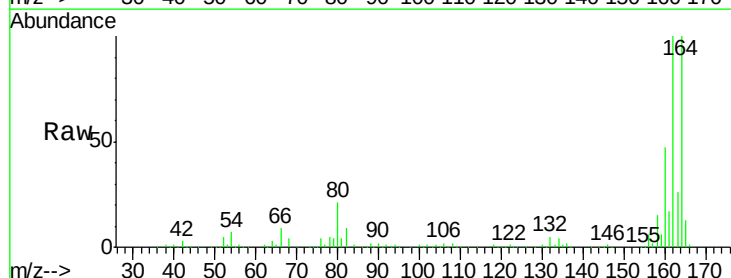
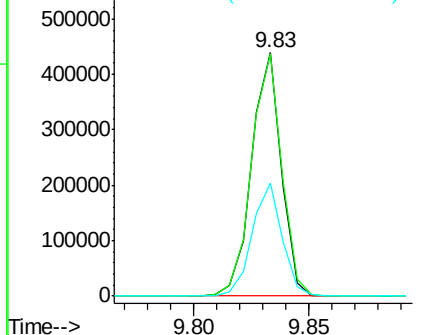
Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

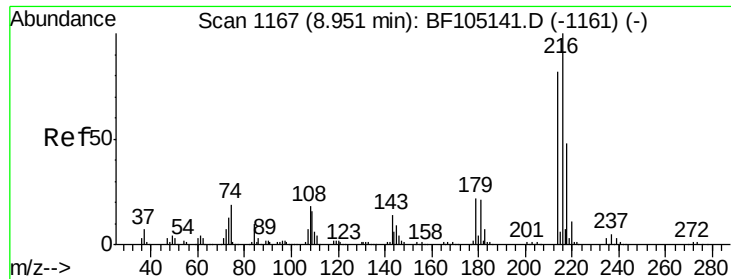


#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Tgt Ion:164 Resp: 392804  
Ion Ratio Lower Upper  
164 100  
162 99.7 86.1 129.1  
160 46.6 38.3 57.5

Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





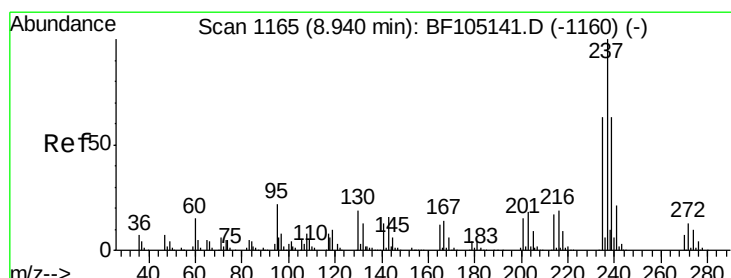
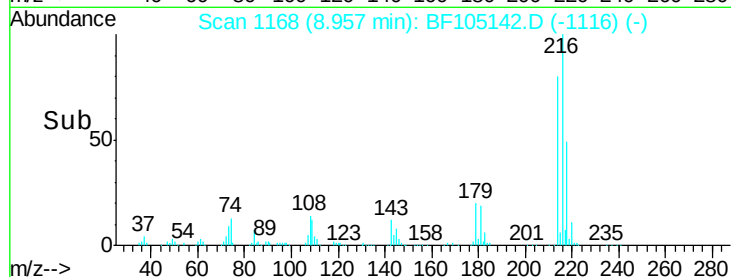
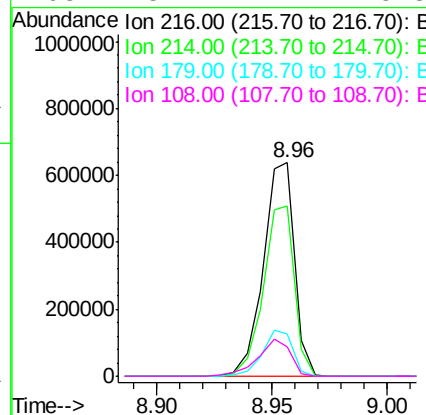
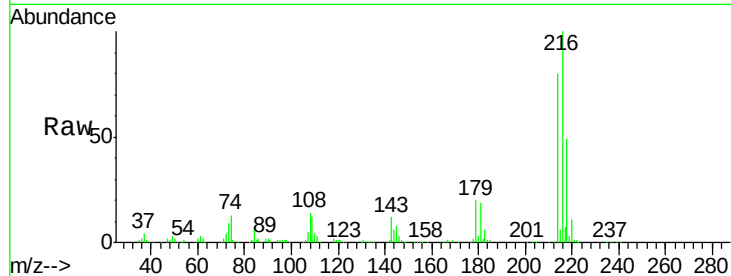
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 53.554 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. 0.01 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 216  | Resp: | 602174 |
| Ion Ratio |      | Lower | Upper  |
| 216       | 100  |       |        |
| 214       | 79.1 | 63.0  | 94.4   |
| 179       | 20.8 | 18.1  | 27.1   |
| 108       | 18.4 | 17.2  | 25.8   |

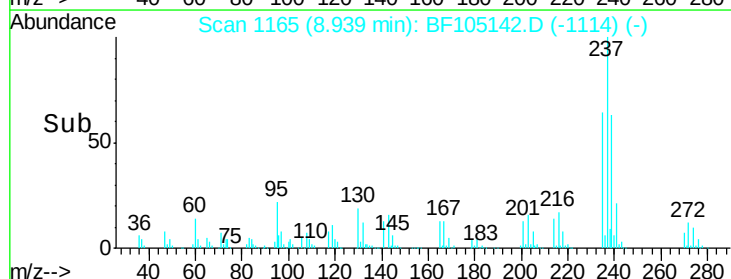
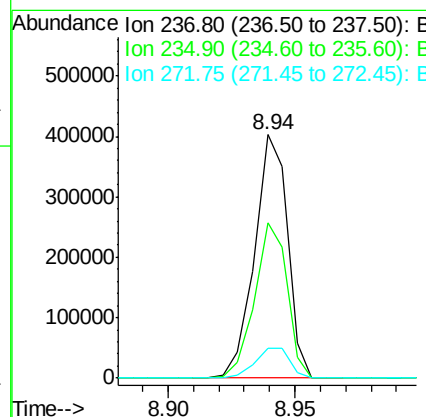
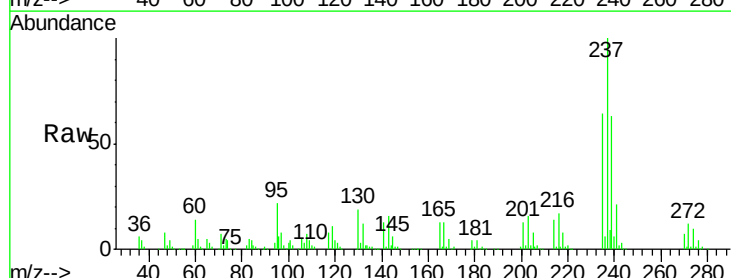
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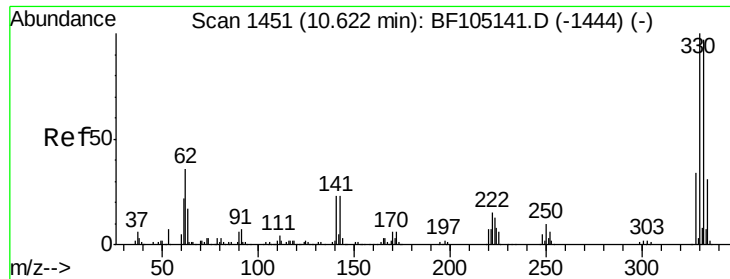


#40  
 Hexachlorocyclopentadiene  
 Concen: 58.139 ng  
 RT: 8.94 min Scan# 1165  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 237  | Resp: | 365981 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 63.8 | 44.8  | 84.8   |
| 272       | 12.3 | 0.0   | 33.3   |







#41

2,4,6-Tribromophenol

Concen: 110.685 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

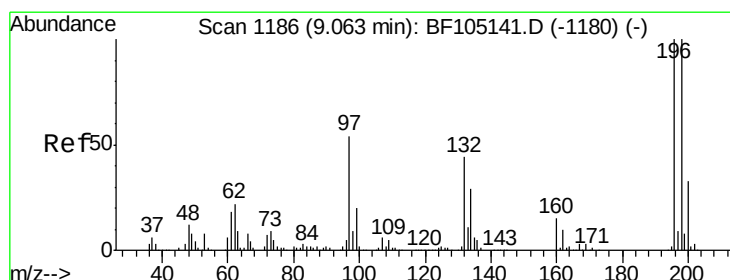
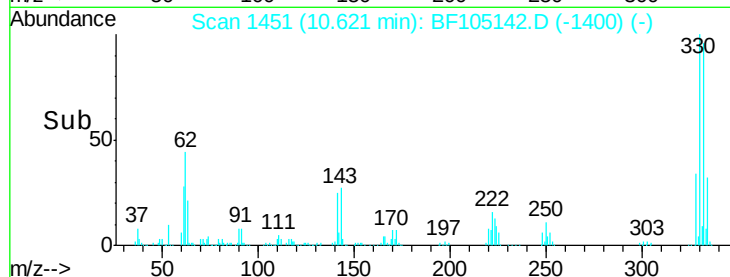
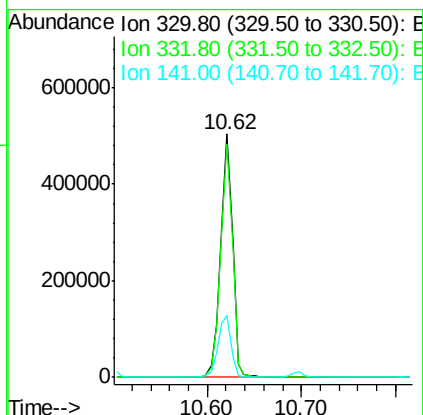
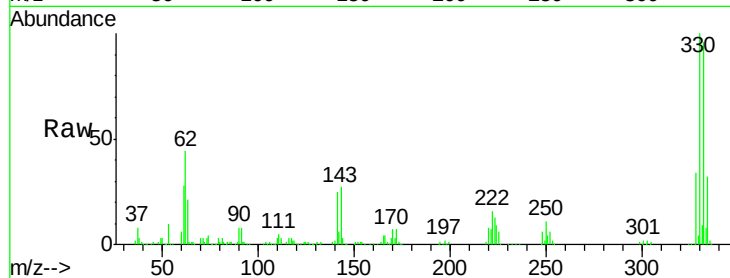
ClientSampleId :

SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 451006 |       |       |
| 332     | 95.6  | 77.0   | 115.6 |       |
| 141     | 27.9  | 29.9   | 44.9# |       |

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#42

2,4,6-Trichlorophenol

Concen: 50.899 ng

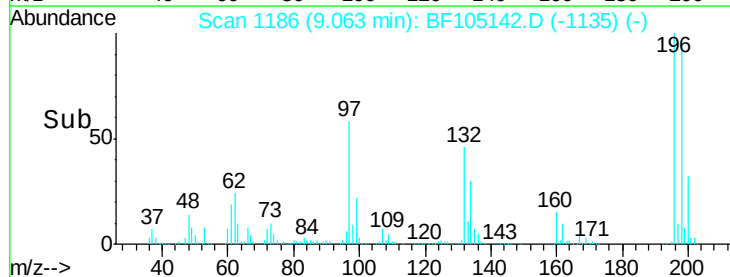
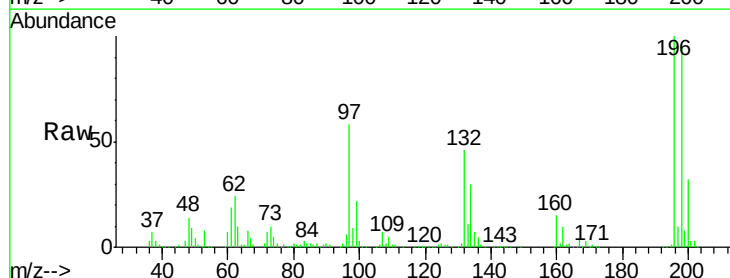
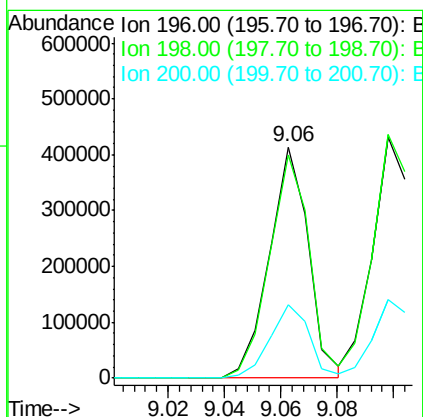
RT: 9.06 min Scan# 1186

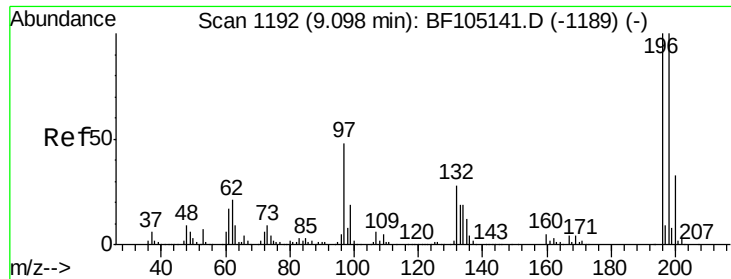
Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 397298 |       |       |
| 198     | 96.4  | 75.7   | 113.5 |       |
| 200     | 31.6  | 24.5   | 36.7  |       |





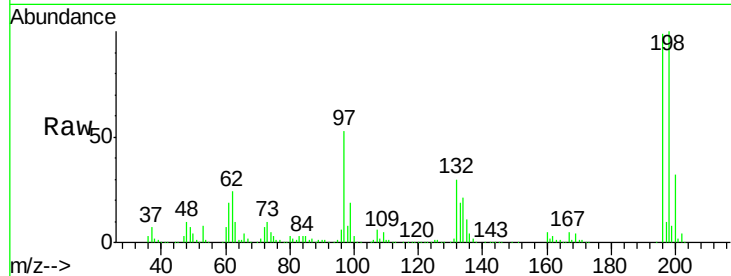
#43  
 2,4,5-Trichlorophenol  
 Concen: 46.645 ng  
 RT: 9.10 min Scan# 1192  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 407433 |       |       |
| 198     | 100.8 | 74.6   | 112.0 |       |
| 97      | 53.5  | 42.9   | 64.3  |       |
| 132     | 30.1  | 26.3   | 39.5  |       |

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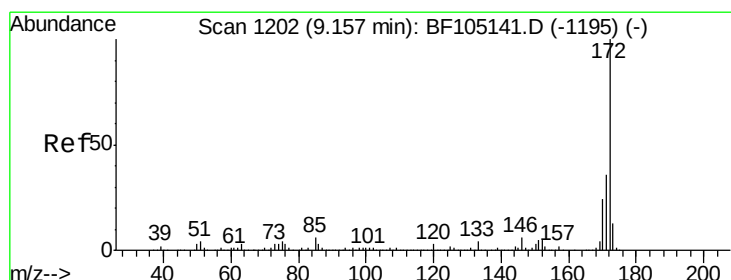
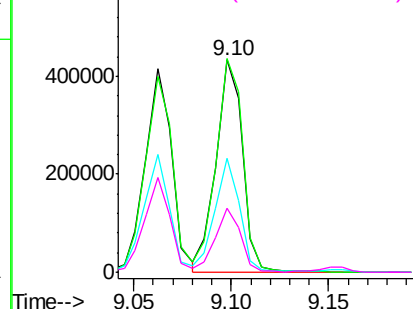
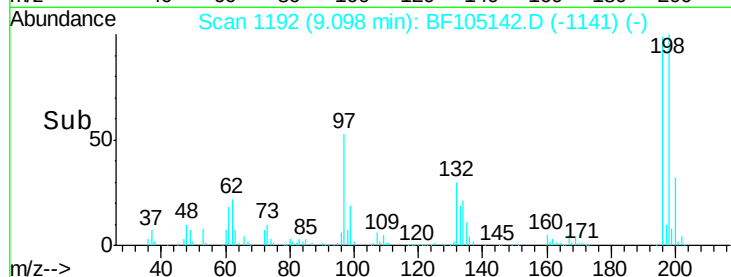
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

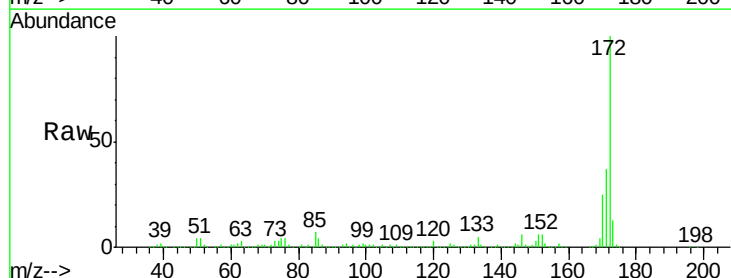
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 92.820 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2307962 |       |       |
| 171     | 37.1  | 29.7    | 44.5  |       |
| 170     | 24.8  | 19.6    | 29.4  |       |

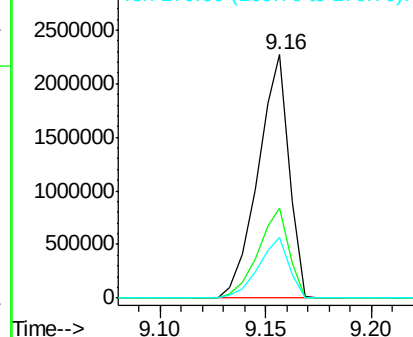
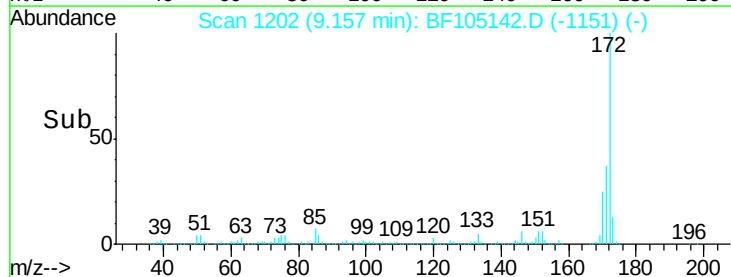


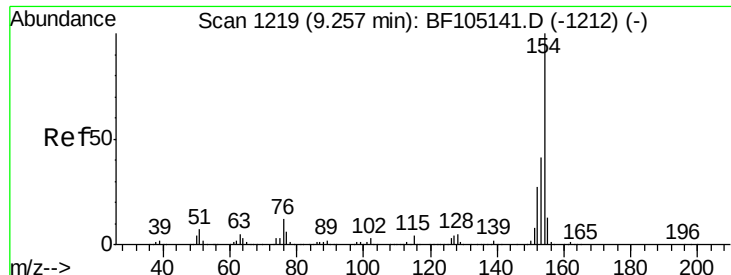
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





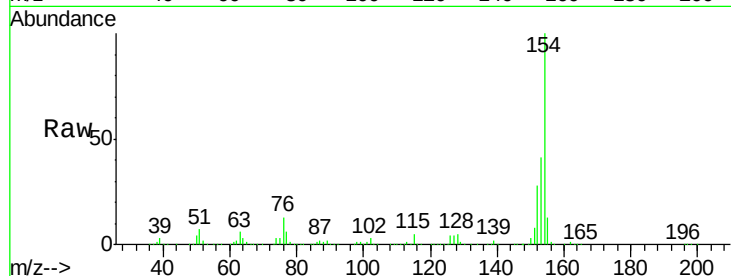
#45  
 1,1'-Biphenyl  
 Concen: 45.854 ng  
 RT: 9.26 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

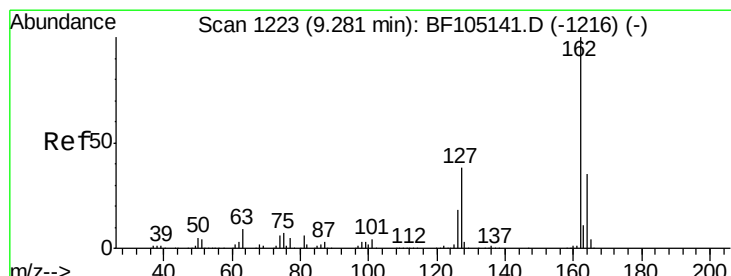
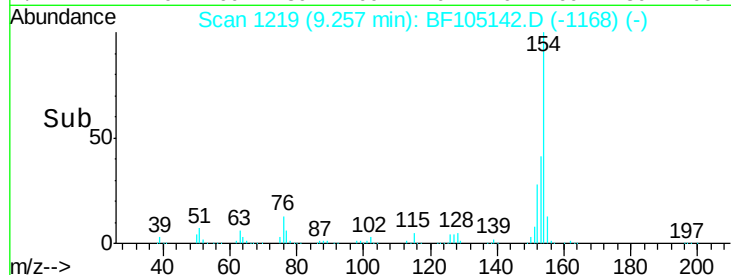
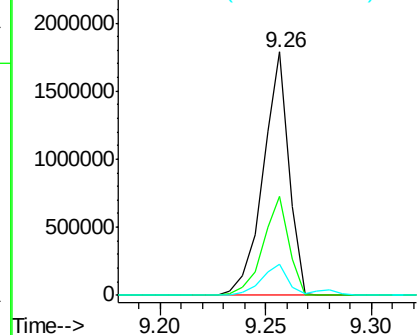
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.9  | 21.3  | 61.3  |
| 76      | 12.8  | 0.0   | 34.0  |

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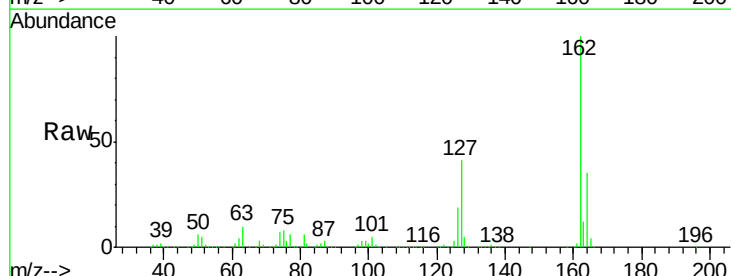


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

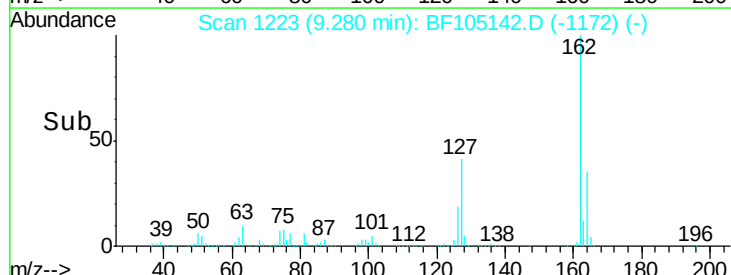
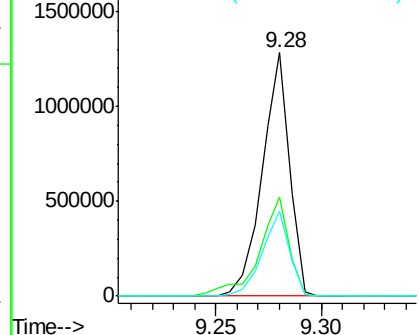


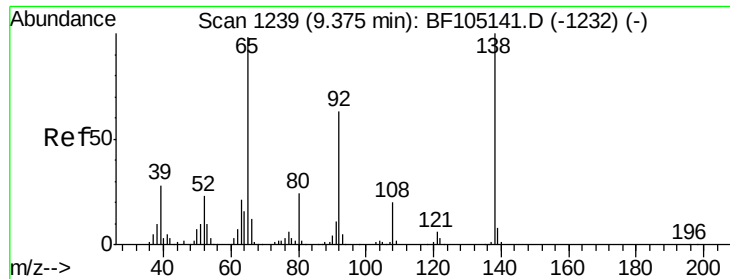
#46  
 2-Chloronaphthalene  
 Concen: 44.079 ng  
 RT: 9.28 min Scan# 1223  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.9  | 33.9  | 50.9  |
| 164     | 34.9  | 26.5  | 39.7  |



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





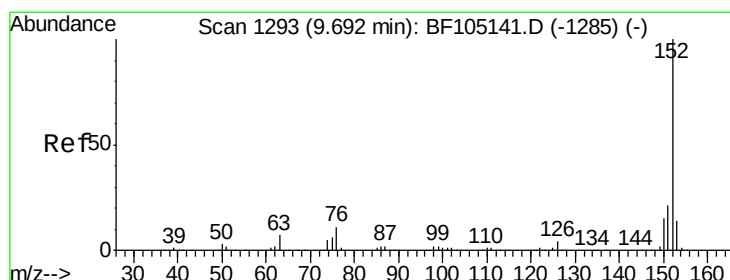
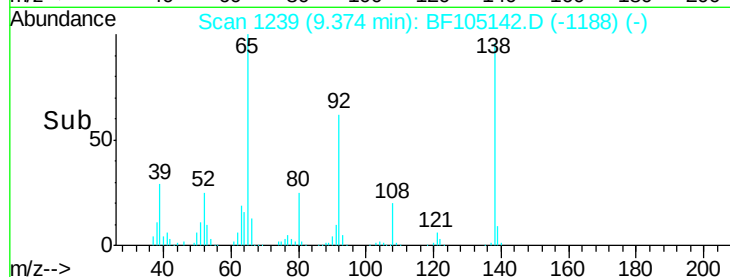
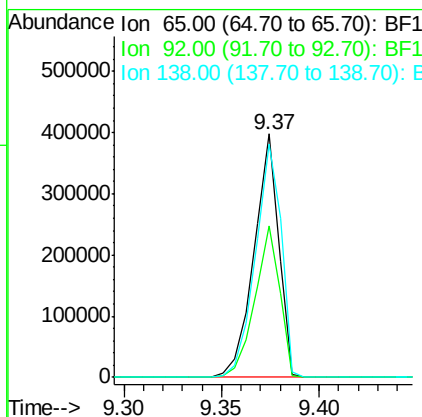
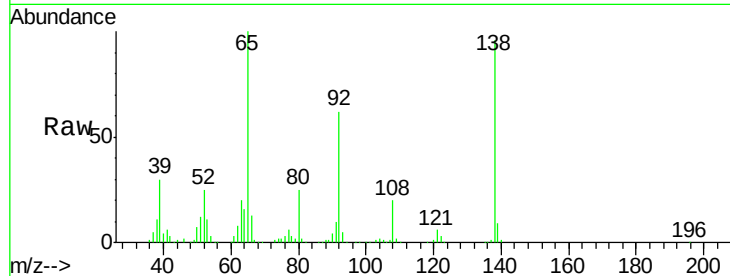
#47  
2-Nitroaniline  
Concen: 54.100 ng  
RT: 9.37 min Scan# 1239  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.1  | 55.8  | 83.6  |
| 138     | 95.7  | 91.2  | 136.8 |

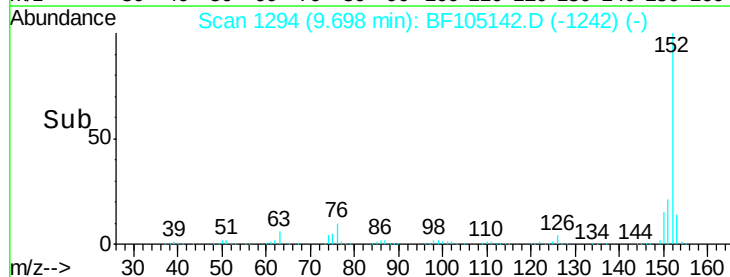
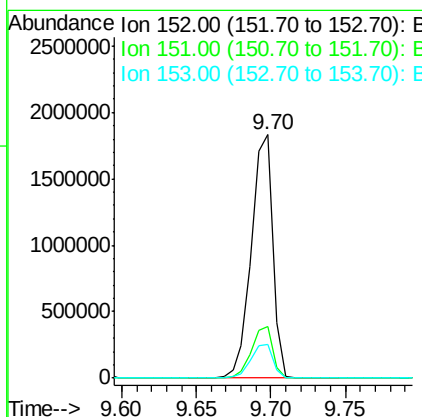
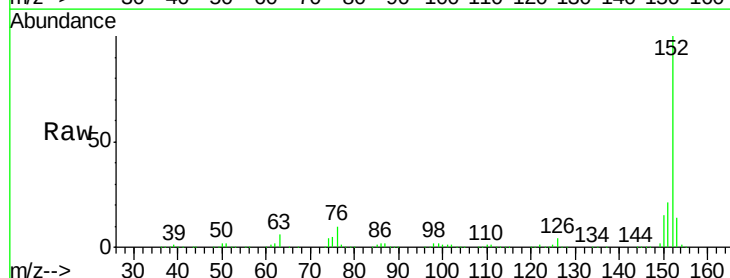
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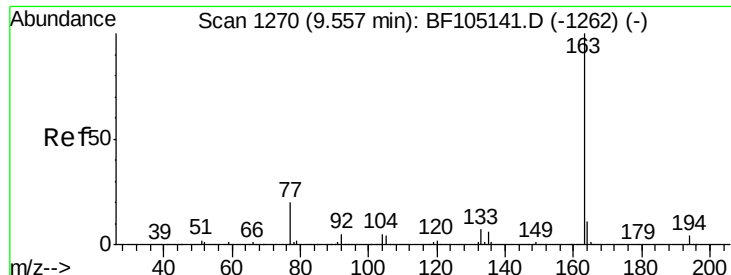
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#48  
Acenaphthylene  
Concen: 44.215 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.3  | 16.3  | 24.5  |
| 153     | 13.9  | 10.7  | 16.1  |





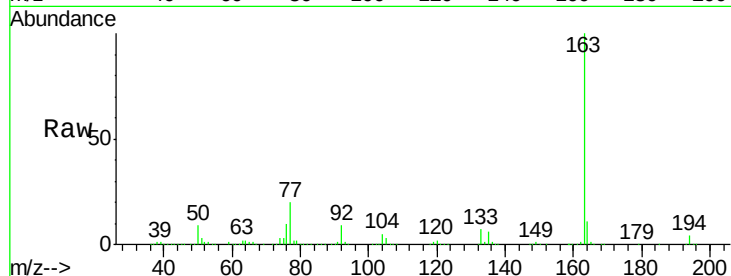
#49  
Dimethylphthalate  
Concen: 43.738 ng  
RT: 9.56 min Scan# 1271  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

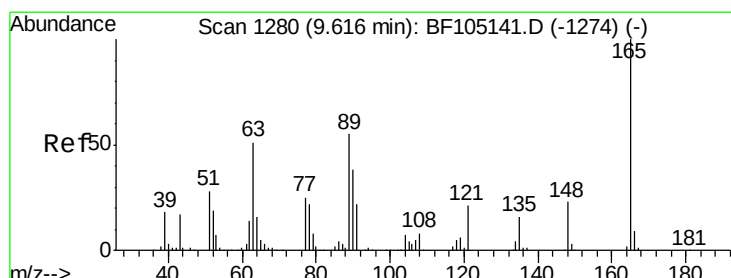
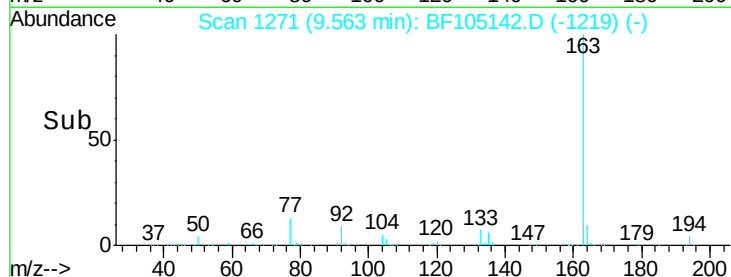
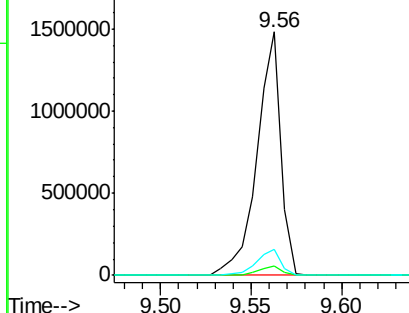
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.8   | 2.7   | 4.1   |
| 164     | 10.6  | 8.2   | 12.2  |

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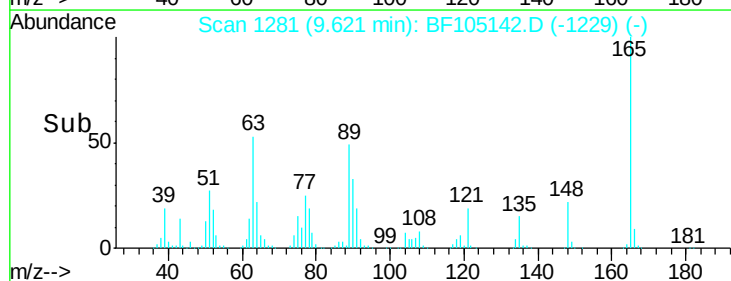
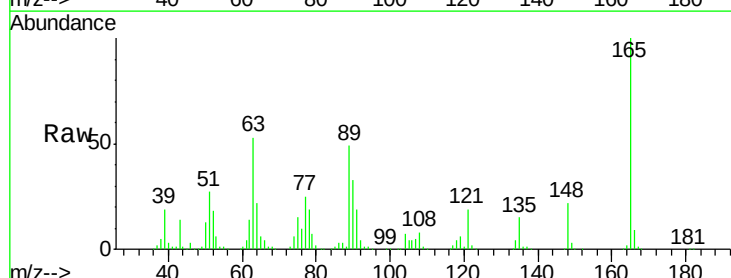
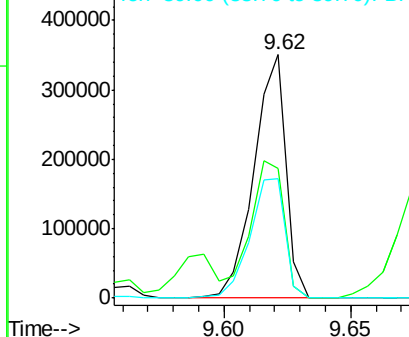
Abundance Ion 163.00 (162.70 to 163.70): E  
2000000  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

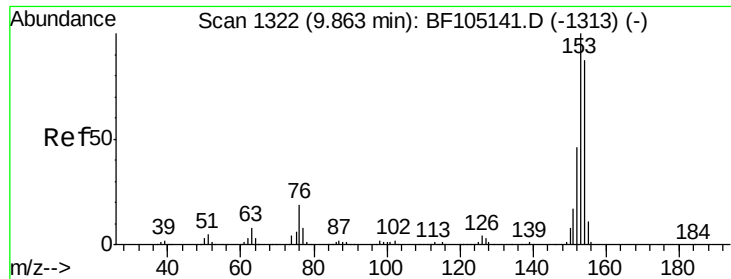


#50  
2,6-Dinitrotoluene  
Concen: 53.531 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.2  | 44.7  | 67.1  |
| 89      | 48.9  | 44.0  | 66.0  |

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





#51

Acenaphthene

Concen: 46.070 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1149495

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

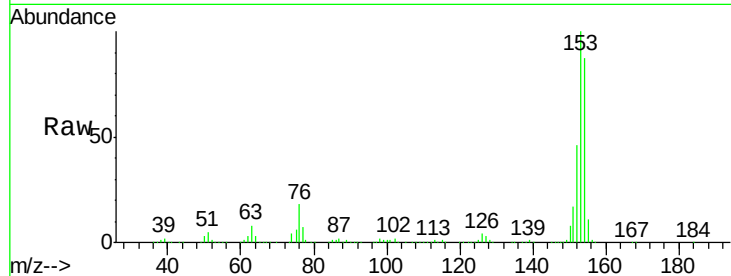
152 52.8 43.8 65.8

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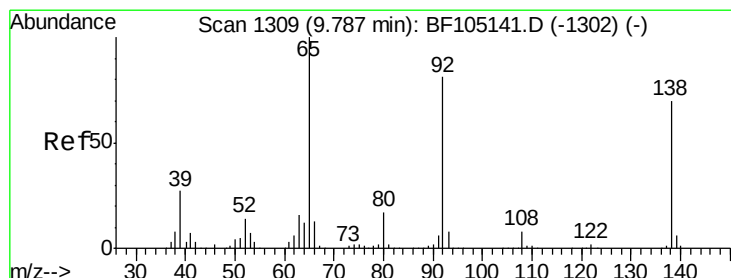
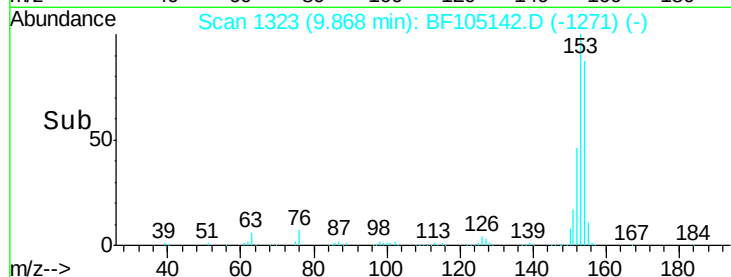
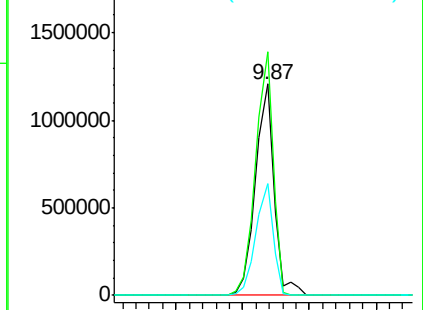
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.773 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

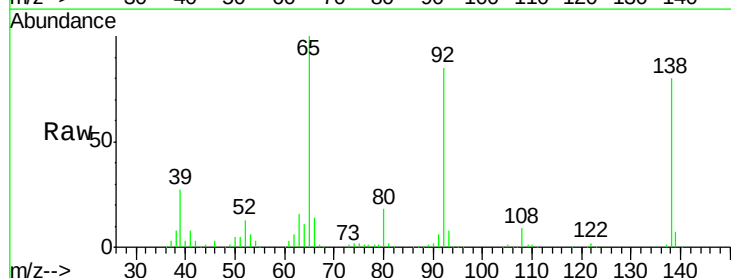
Tgt Ion:138 Resp: 327276

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

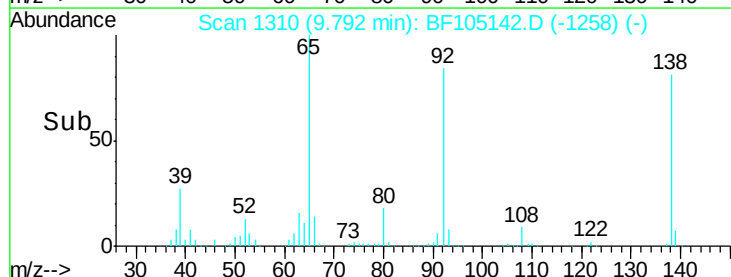
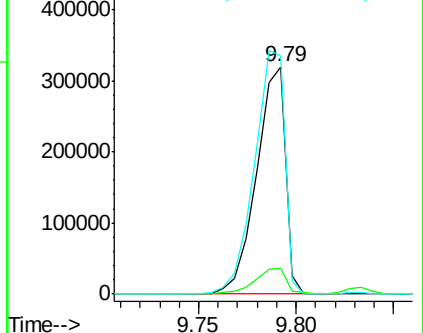
92 105.1 89.4 134.2

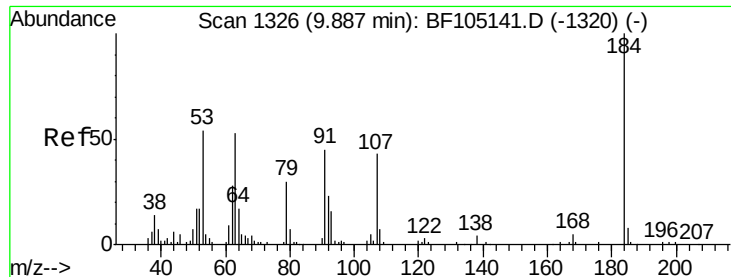


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





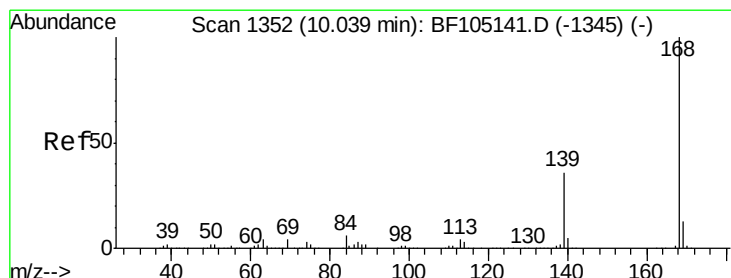
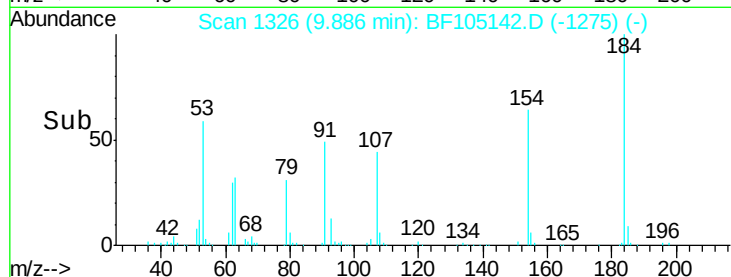
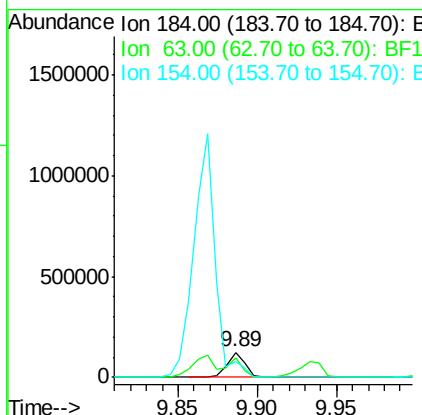
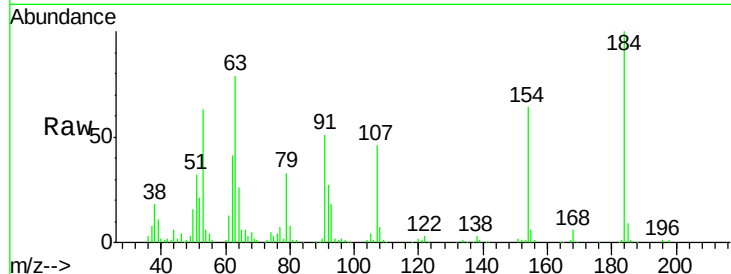
#53  
 2,4-Dinitrophenol  
 Concen: 55.750 ng  
 RT: 9.89 min Scan# 1326  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 79.4  | 54.2  | 81.2   |
| 154     | 63.6  | 184.0 | 276.0# |

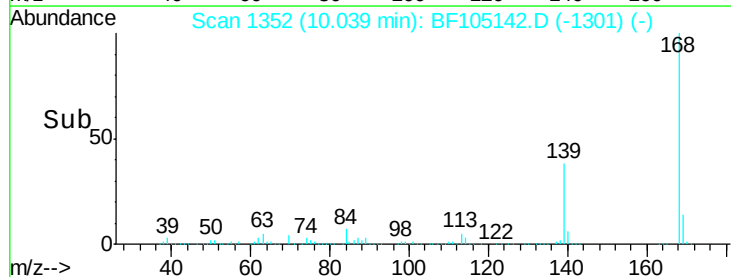
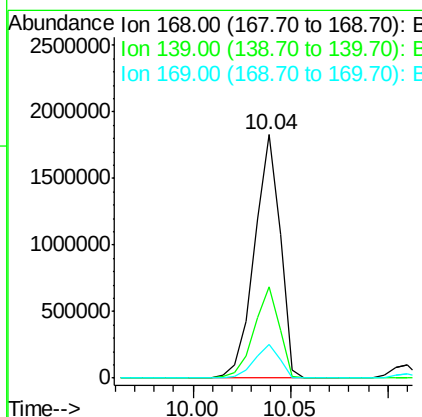
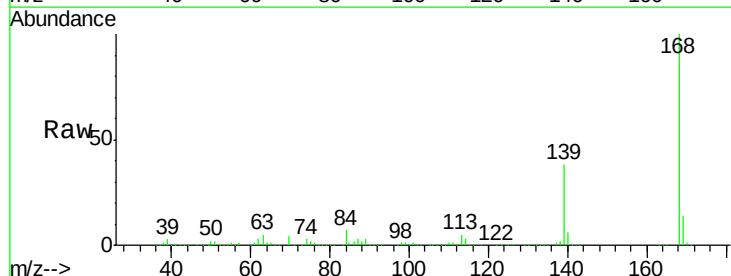
Manual Integrations  
 APPROVED

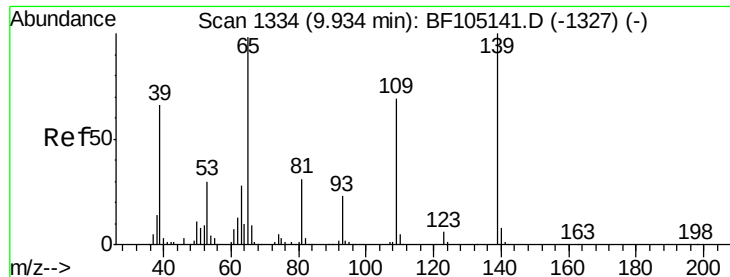
Sohil  
 5/9/2018 6:50:40 PM



#54  
 Dibenzofuran  
 Concen: 47.944 ng  
 RT: 10.04 min Scan# 1352  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.7  | 30.1  | 45.1  |
| 169     | 13.9  | 10.9  | 16.3  |





#55

4-Nitrophenol

Concen: 50.681 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

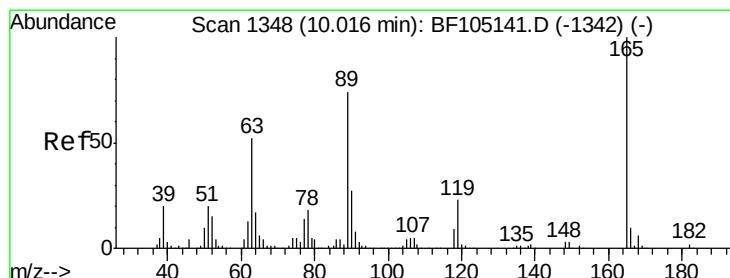
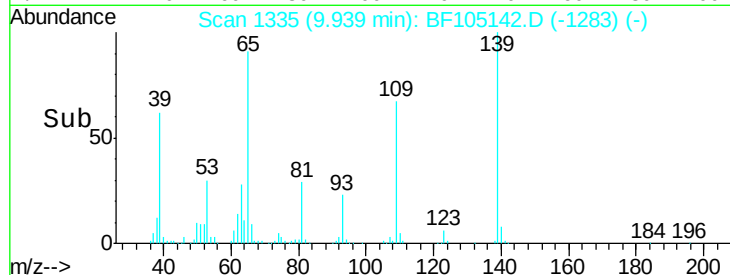
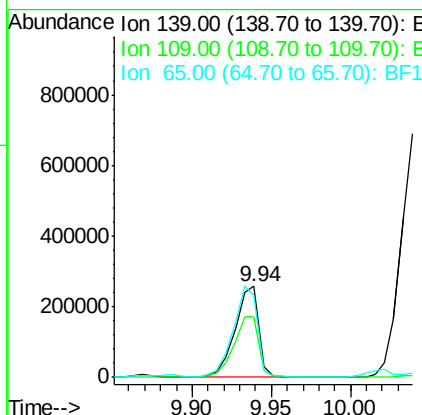
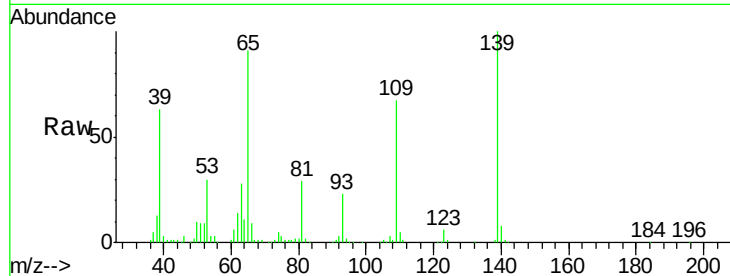
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 267138 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 66.9  | 48.4  | 88.4   |
| 65        | 90.8  | 72.6  | 112.6  |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:50:40 PM



#56

2,4-Dinitrotoluene

Concen: 52.085 ng

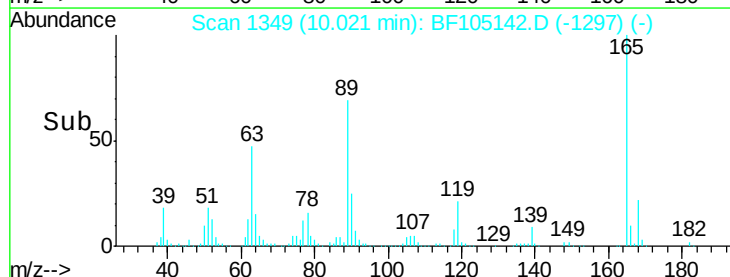
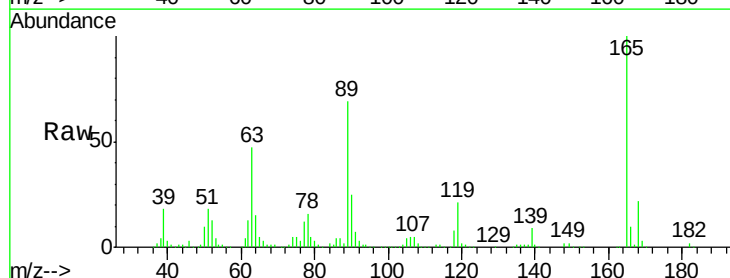
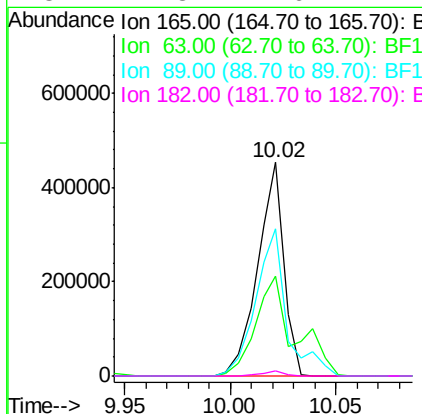
RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

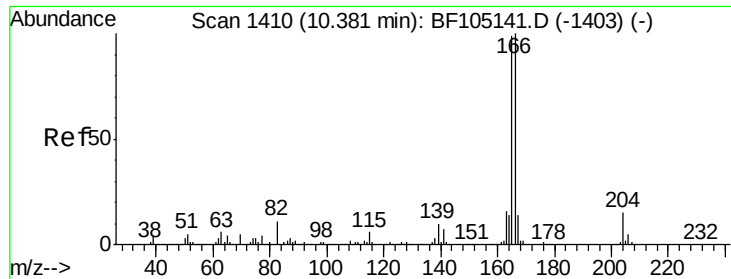
Lab File: BF105142.D

Acq: 8 May 2018 13:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 391589 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 46.7  | 36.4  | 54.6   |
| 89        | 68.9  | 57.8  | 86.6   |
| 182       | 2.3   | 1.6   | 2.4    |







#57

Fluorene

Concen: 46.763 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 1183539

Ion Ratio Lower Upper

166 100

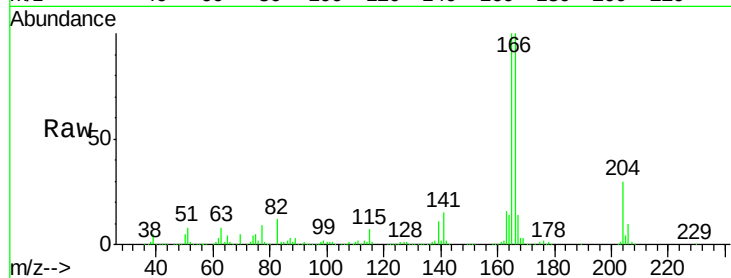
165 100.3 79.8 119.8

167 13.7 10.6 16.0

Manual Integrations  
APPROVED

Sohil

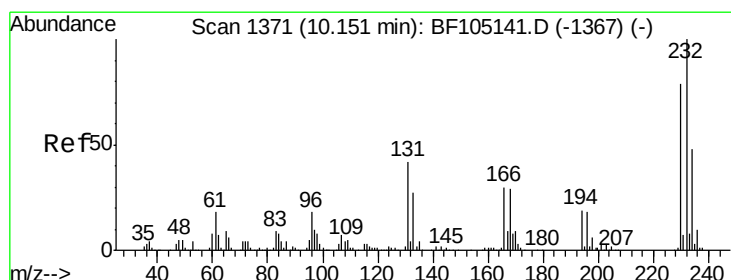
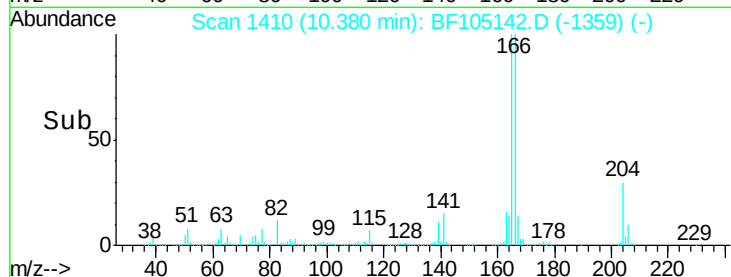
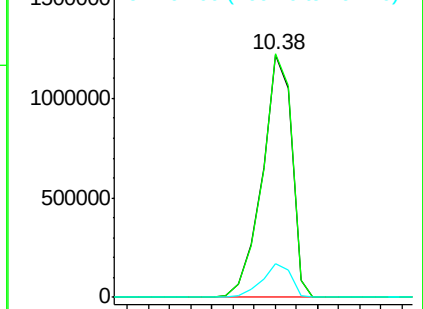
5/9/2018 6:50:40 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.319 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Tgt Ion:232 Resp: 367004

Ion Ratio Lower Upper

232 100

131 43.3 43.8 65.8#

130 2.2 2.1 3.1

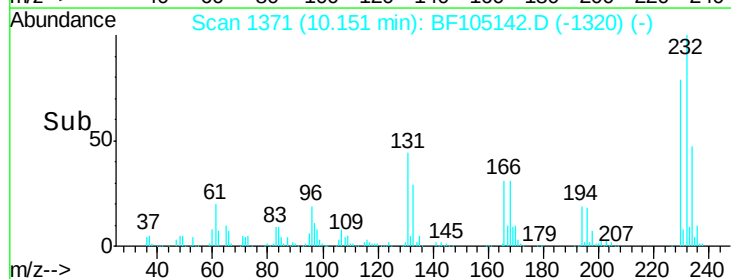
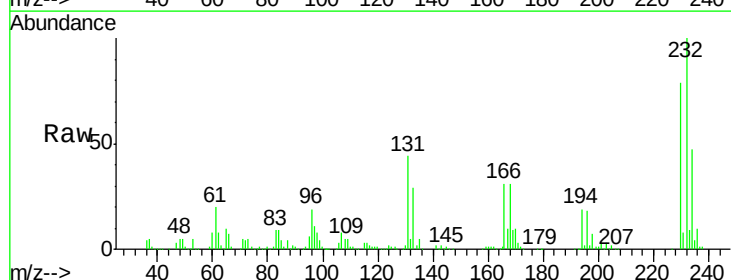
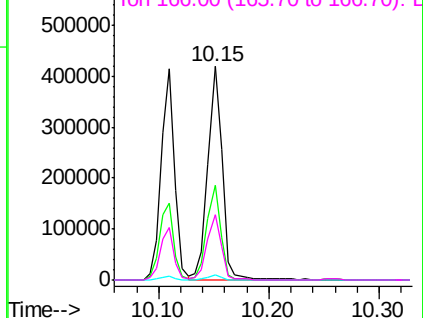
166 30.0 27.8 41.6

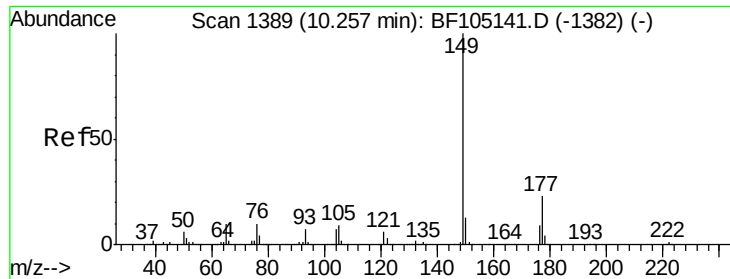
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





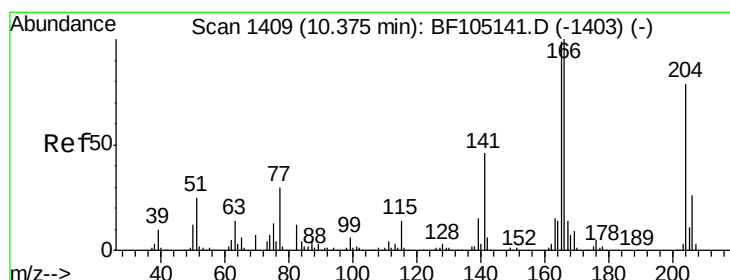
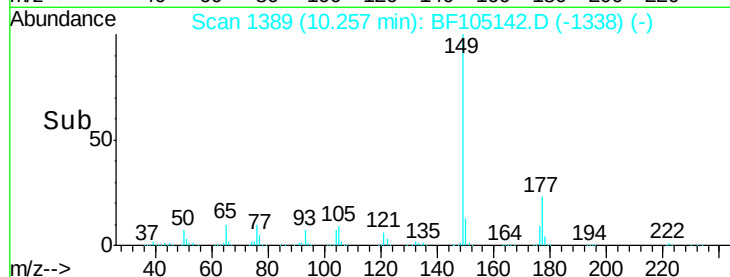
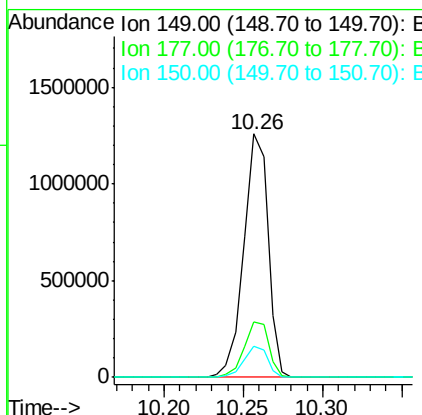
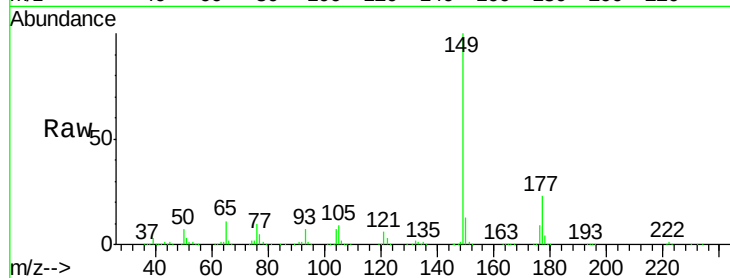
#59  
Diethylphthalate  
Concen: 43.488 ng  
RT: 10.26 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:149 Resp: 1341575  
Ion Ratio Lower Upper  
149 100  
177 22.9 16.1 24.1  
150 12.6 10.1 15.1

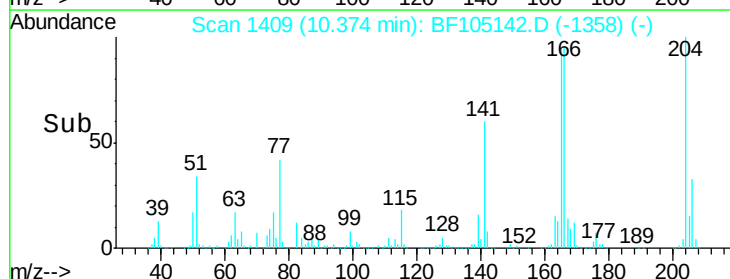
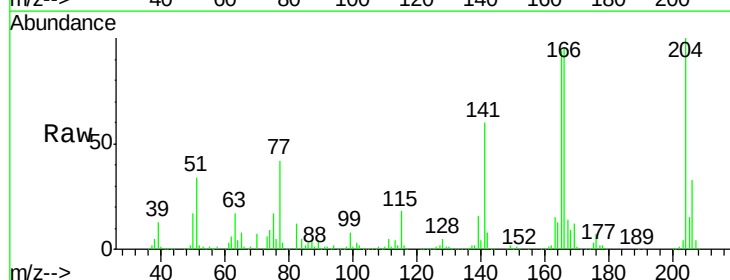
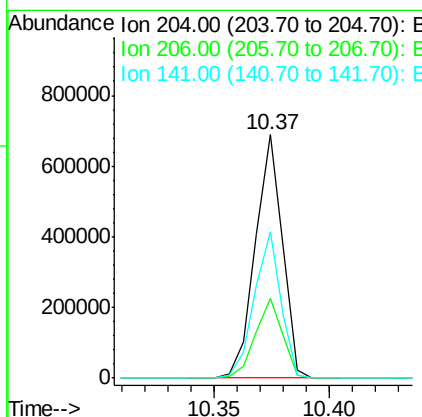
Manual Integrations  
APPROVED

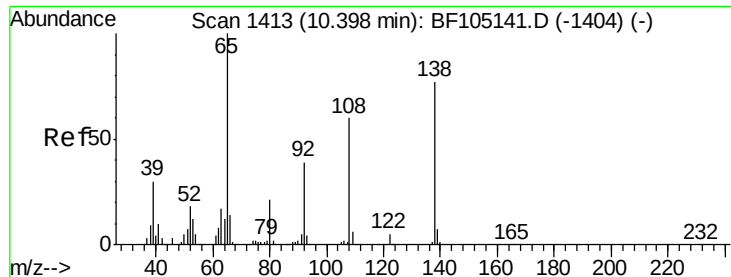
Sohil  
5/9/2018 6:50:40 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 50.289 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Tgt Ion:204 Resp: 566834  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.5 39.7  
141 60.1 54.6 81.8





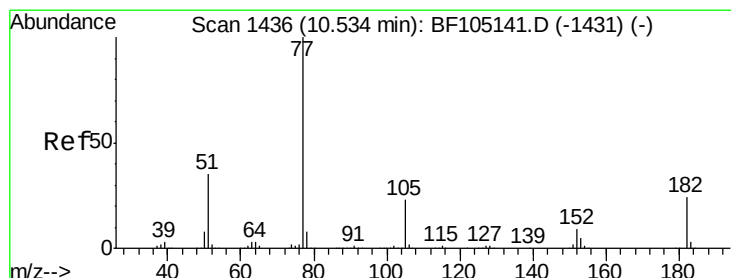
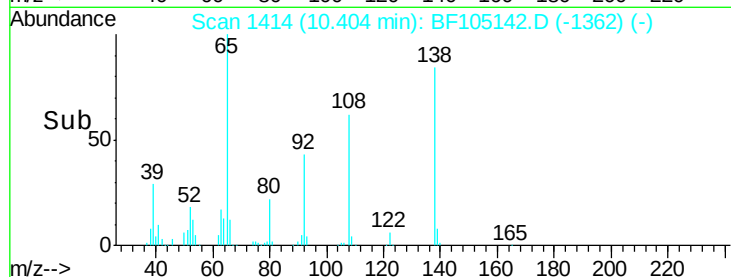
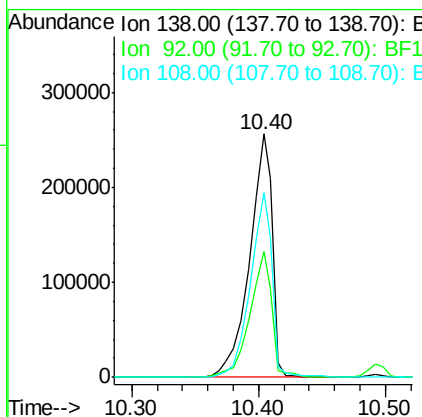
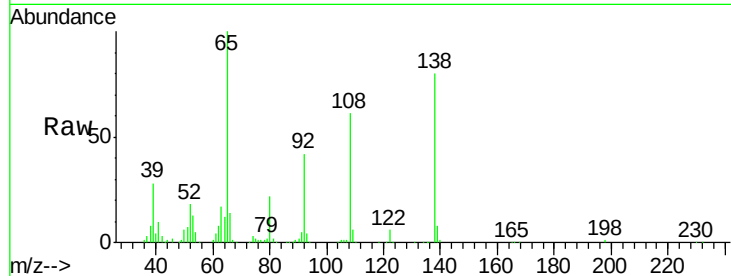
#61  
4-Nitroaniline  
Concen: 48.918 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.8  | 30.2  | 70.2  |
| 108     | 75.9  | 52.5  | 92.5  |

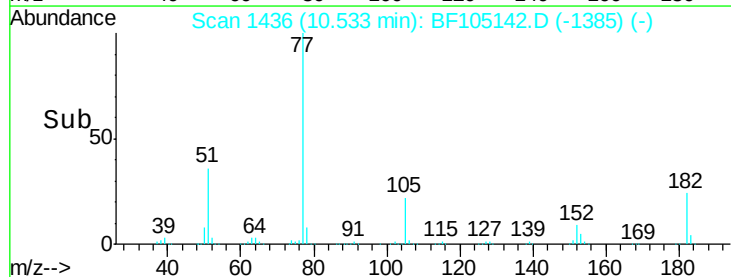
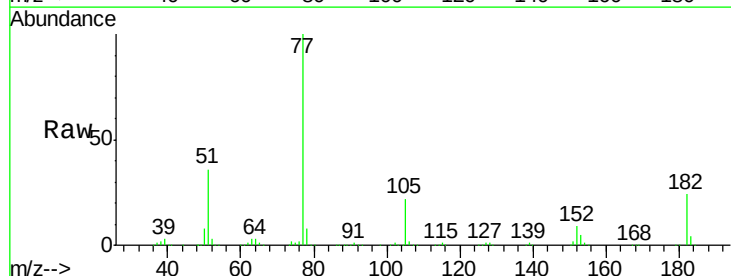
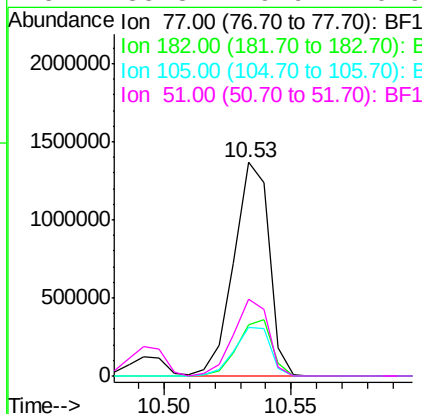
Manual Integrations  
APPROVED

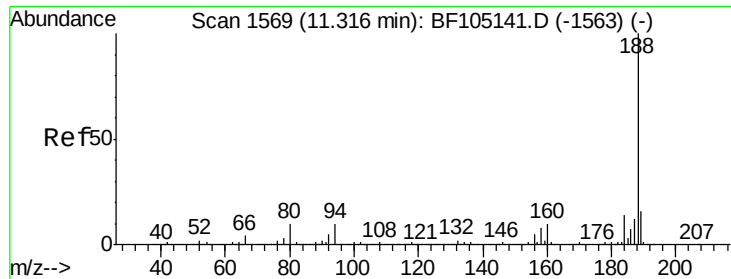
Sohil  
5/9/2018 6:50:40 PM



#62  
Azobenzene  
Concen: 44.914 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.0  | 1.7   | 41.7  |
| 105     | 22.5  | 3.0   | 43.0  |
| 51      | 35.8  | 9.9   | 49.9  |





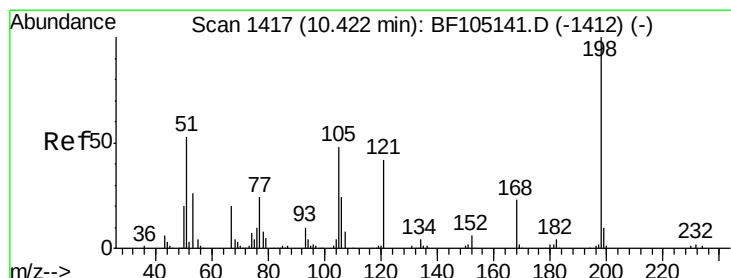
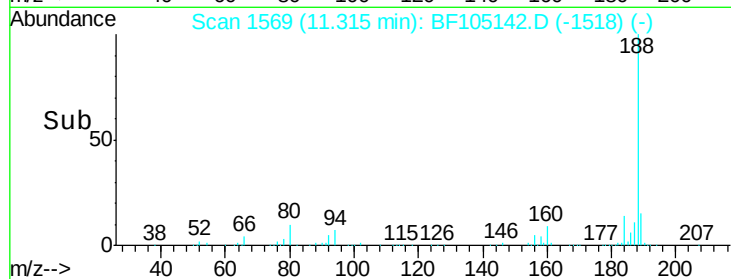
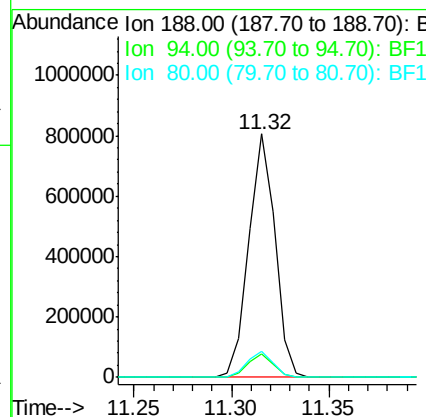
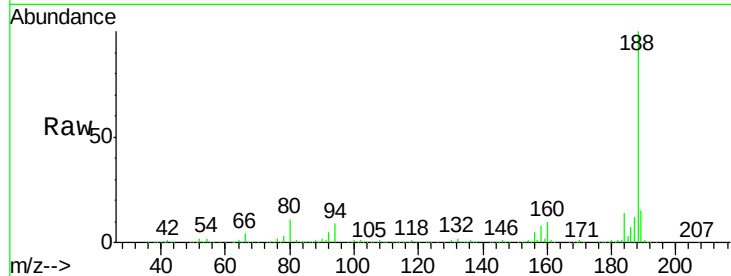
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.32 min Scan# 1569  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 754535 |       |       |
| 94      | 9.4   |        | 8.5   | 12.7  |
| 80      | 10.6  |        | 9.2   | 13.8  |

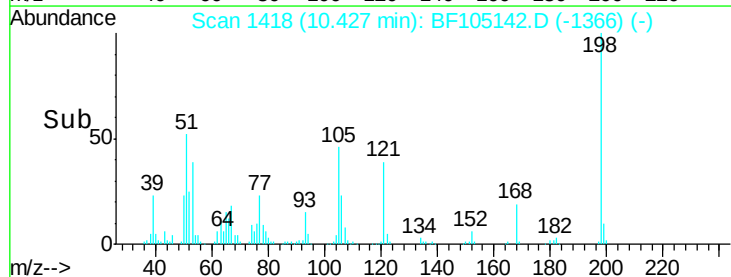
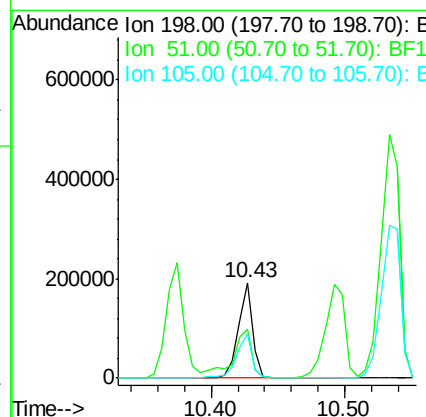
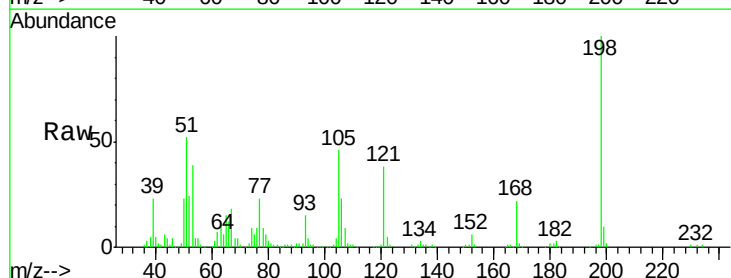
Manual Integrations  
APPROVED

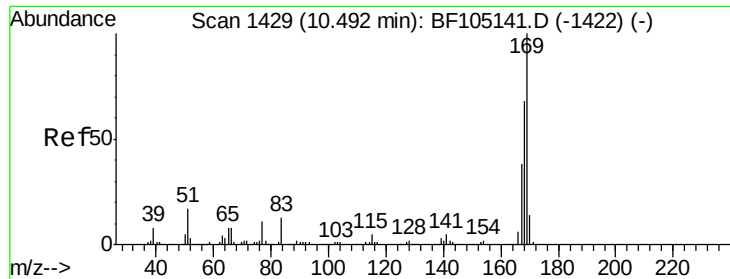
Sohil  
5/9/2018 6:50:40 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 44.923 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 147260 |       |       |
| 51      | 51.6  |        | 37.7  | 77.7  |
| 105     | 45.9  |        | 36.3  | 76.3  |





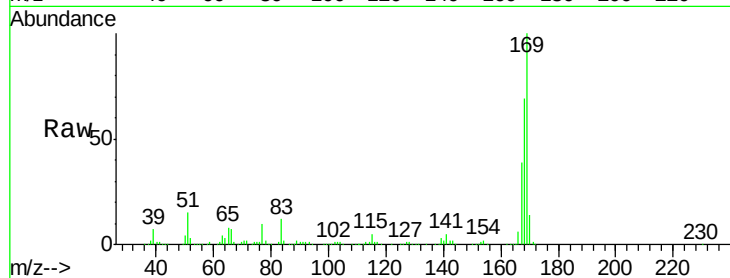
#65  
n-Nitrosodiphenylamine  
Concen: 43.157 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 169     | 100  |       |       |       |
| 168     | 69.2 | 54.4  | 81.6  |       |
| 167     | 38.9 | 29.8  | 44.6  |       |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:50:40 PM

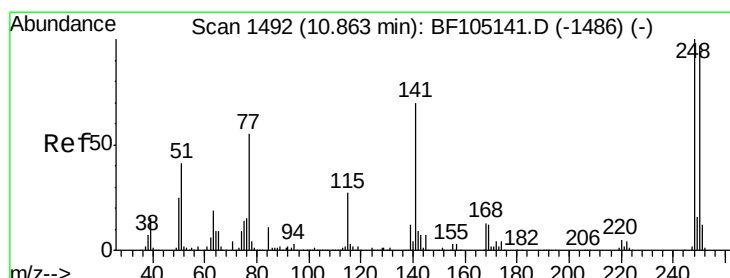
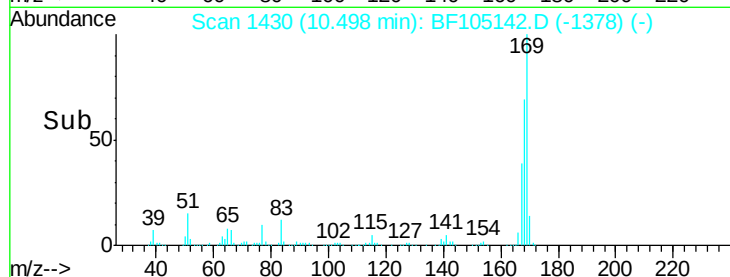
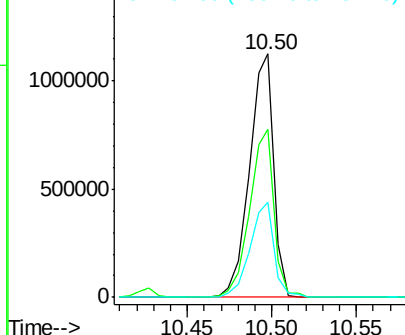


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66  
4-Bromophenyl-phenylether  
Concen: 49.178 ng  
RT: 10.86 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

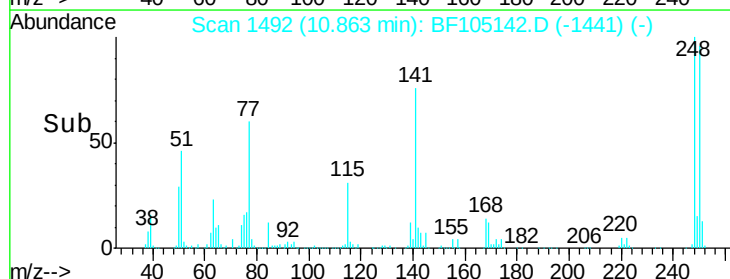
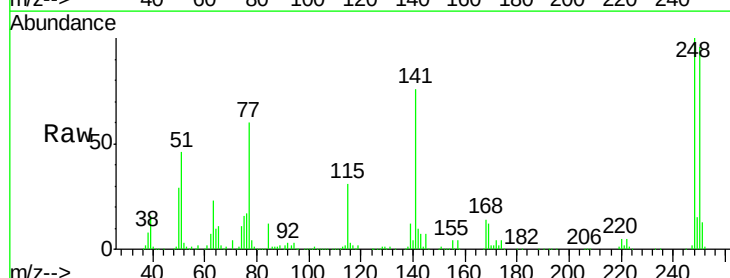
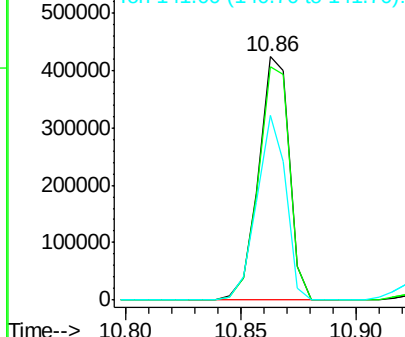
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 248     | 100  |       |       |       |
| 250     | 95.6 | 76.9  | 115.3 |       |
| 141     | 75.8 | 74.4  | 111.6 |       |

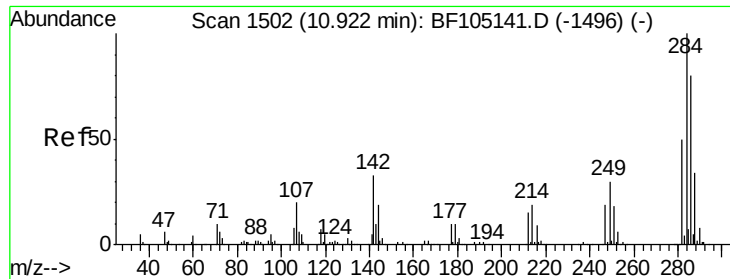
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





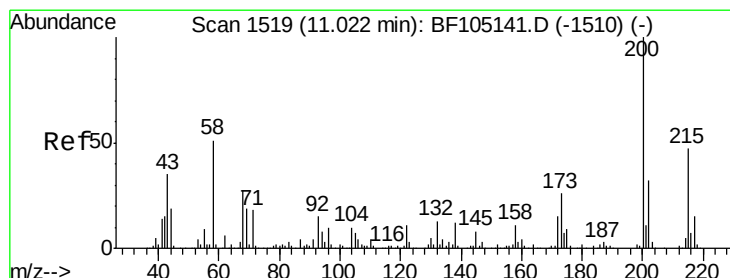
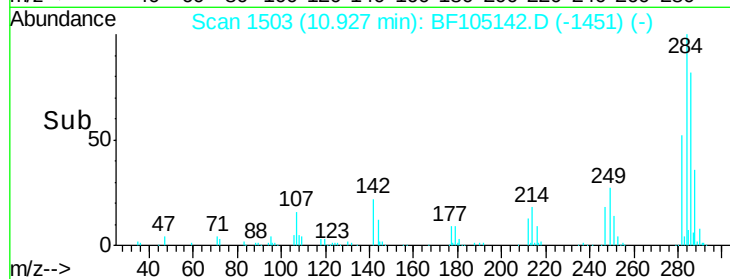
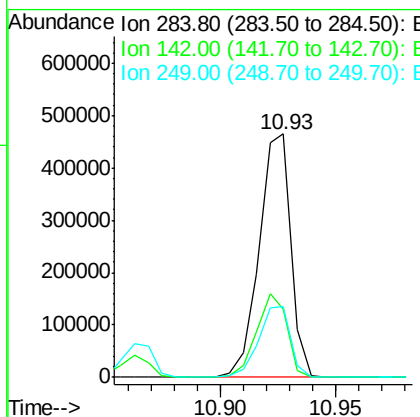
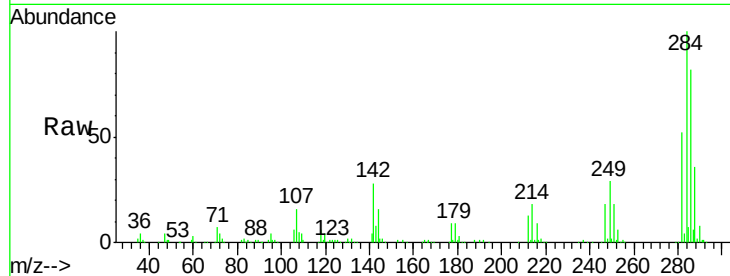
#67  
Hexachlorobenzene  
Concen: 49.237 ng  
RT: 10.93 min Scan# 1503  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 444652 |       |       |
| 142     | 27.8  | 34.6   | 52.0  |       |
| 249     | 28.9  | 24.8   | 37.2  |       |

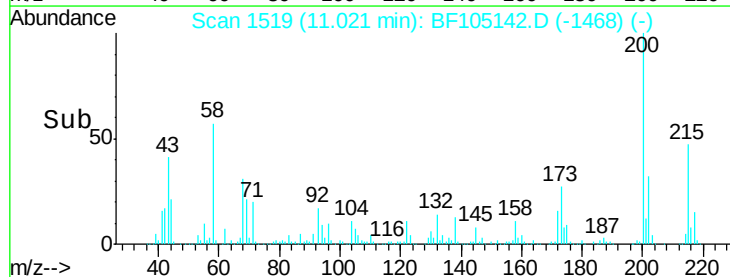
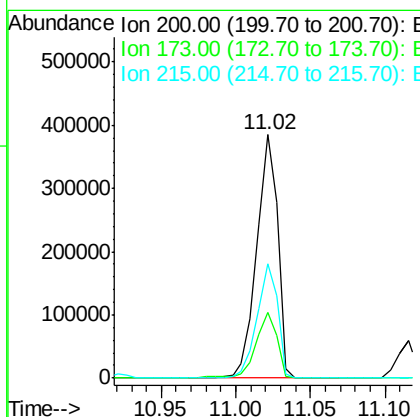
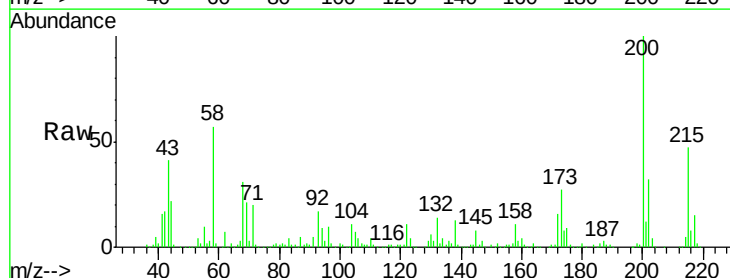
Manual Integrations  
APPROVED

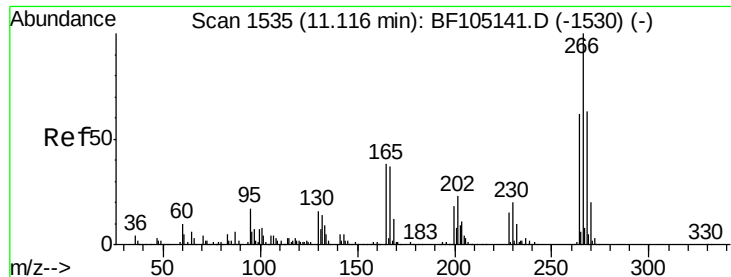
Sohil  
5/9/2018 6:50:40 PM



#68  
Atrazine  
Concen: 46.909 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. -0.00 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 370432 |       |       |
| 173     | 27.2  | 8.6    | 48.6  |       |
| 215     | 47.0  | 25.1   | 65.1  |       |





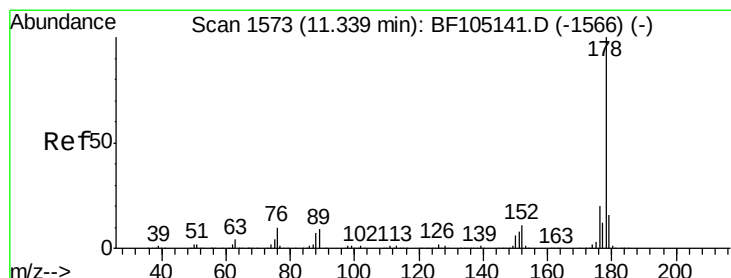
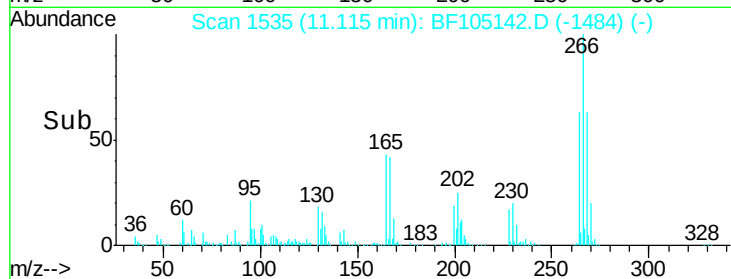
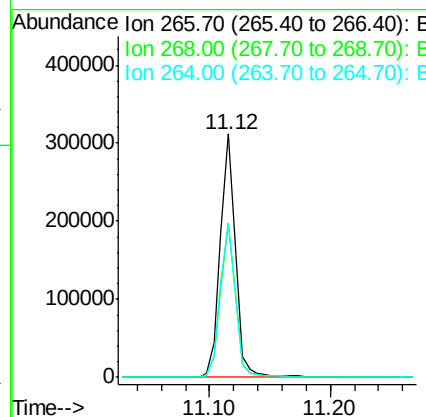
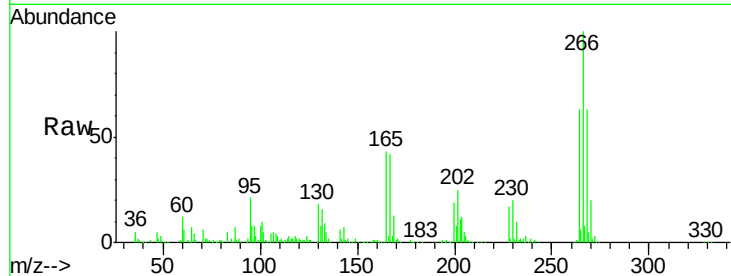
#69  
 Pentachlorophenol  
 Concen: 48.404 ng  
 RT: 11.12 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.2  | 51.1  | 76.7  |
| 264     | 63.4  | 49.5  | 74.3  |

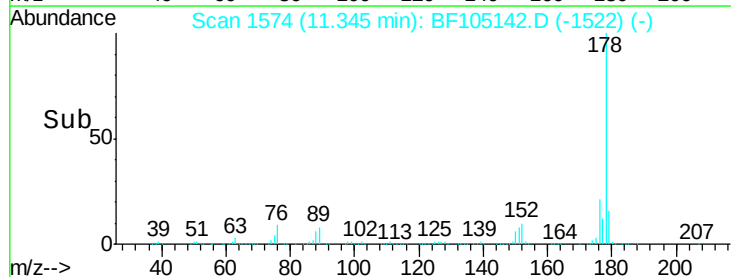
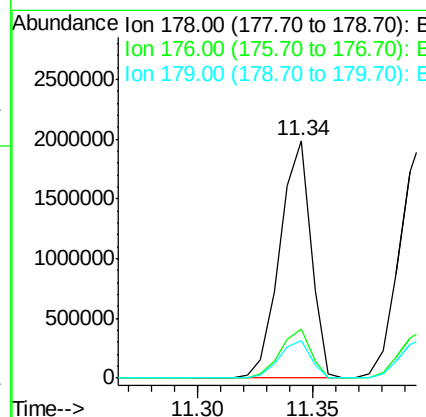
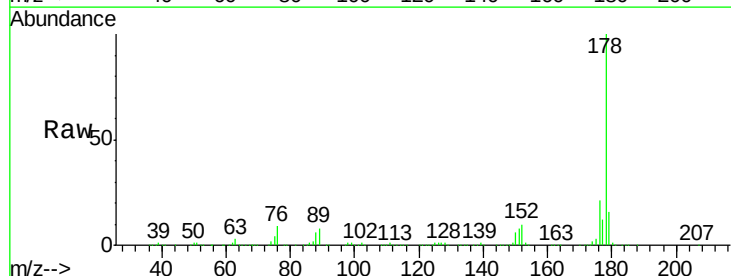
Manual Integrations  
 APPROVED

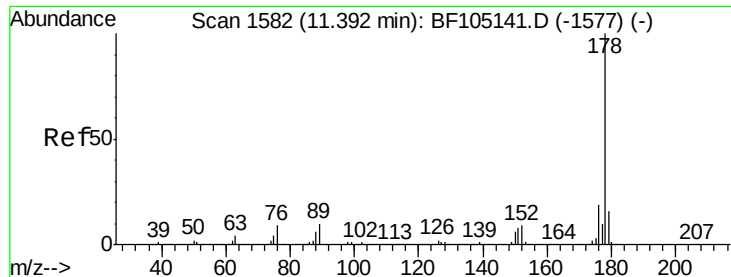
Sohil  
 5/9/2018 6:50:40 PM



#70  
 Phenanthrene  
 Concen: 44.279 ng  
 RT: 11.34 min Scan# 1574  
 Delta R.T. 0.01 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.6  | 15.8  | 23.8  |
| 179     | 15.6  | 13.0  | 19.6  |





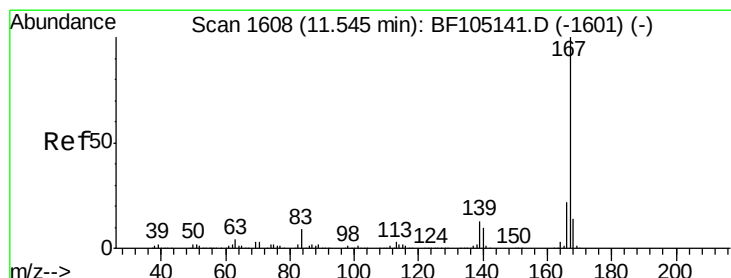
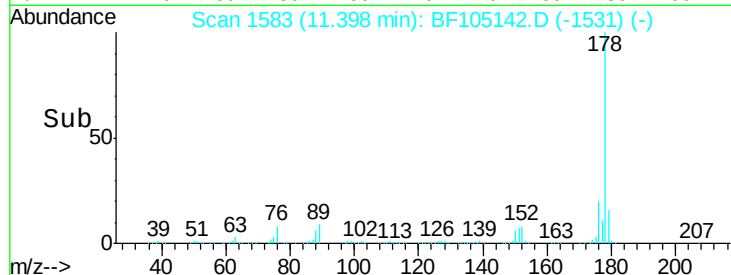
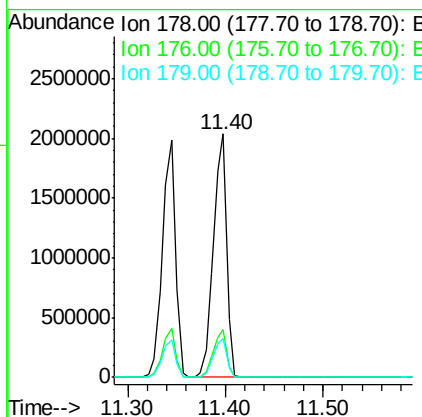
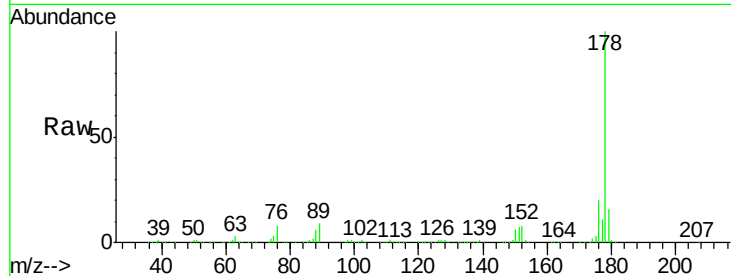
#71  
 Anthracene  
 Concen: 44.916 ng  
 RT: 11.40 min Scan# 1583  
 Delta R.T. 0.01 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:178 Resp: 1918507  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.4 23.2  
 179 15.9 12.6 19.0

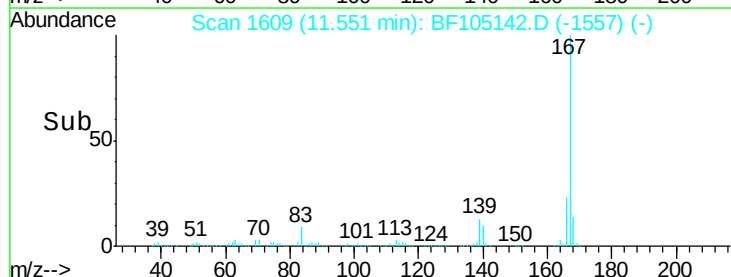
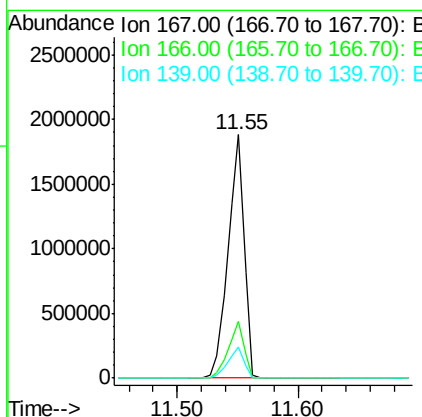
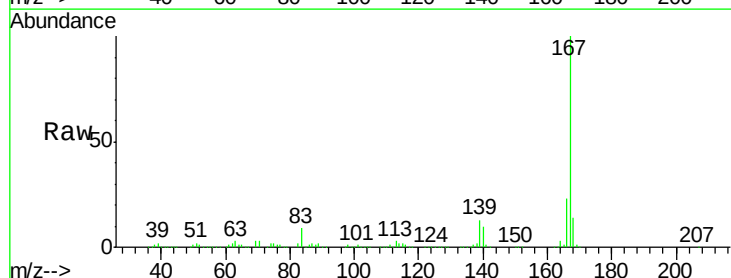
Manual Integrations  
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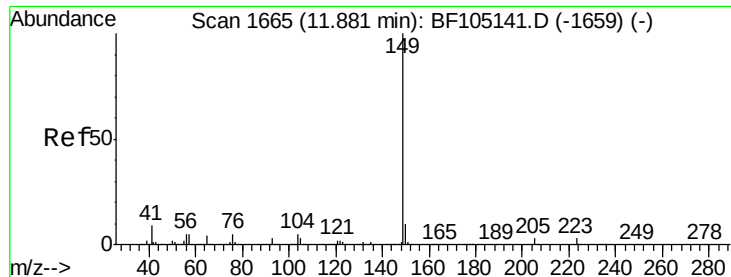


#72  
 Carbazole  
 Concen: 41.647 ng  
 RT: 11.55 min Scan# 1609  
 Delta R.T. 0.01 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Tgt Ion:167 Resp: 1738276  
 Ion Ratio Lower Upper  
 167 100  
 166 23.1 17.6 26.4  
 139 12.8 10.9 16.3







#73

Di-n-butylphthalate

Concen: 38.309 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1953240

Ion Ratio Lower Upper

149 100

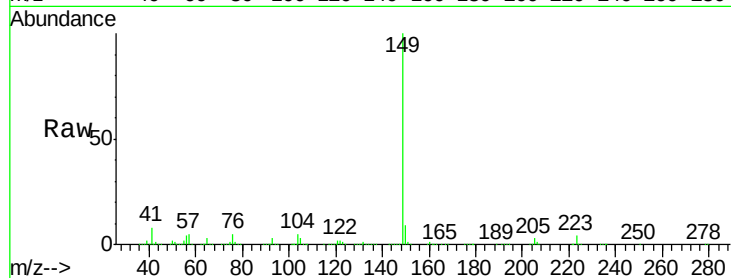
150 9.5 7.8 11.6

104 5.1 3.8 5.8

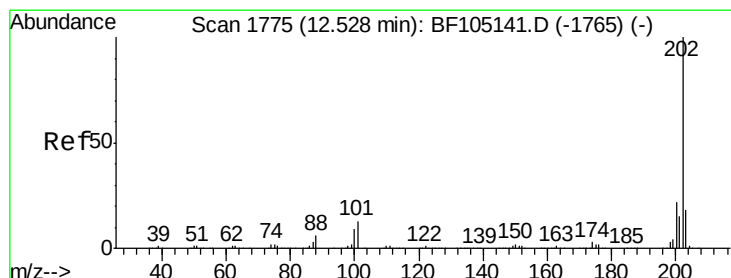
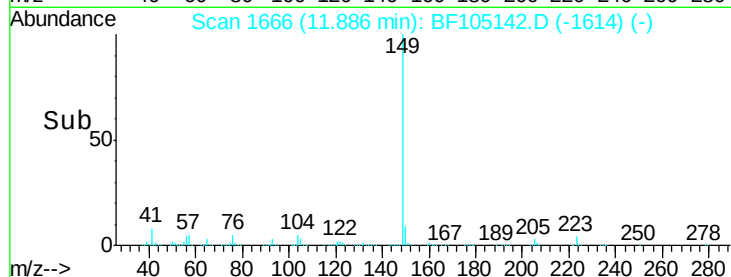
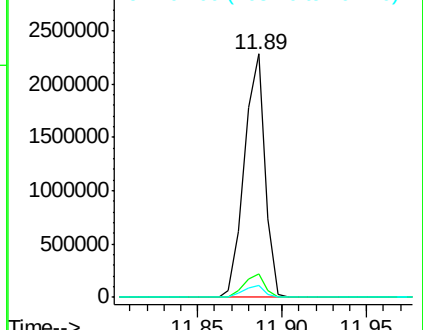
Manual Integrations  
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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.193 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

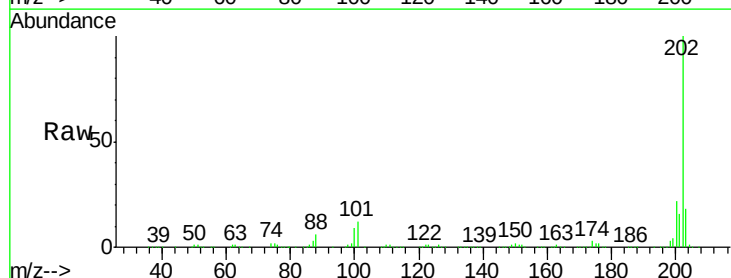
Tgt Ion:202 Resp: 1984071

Ion Ratio Lower Upper

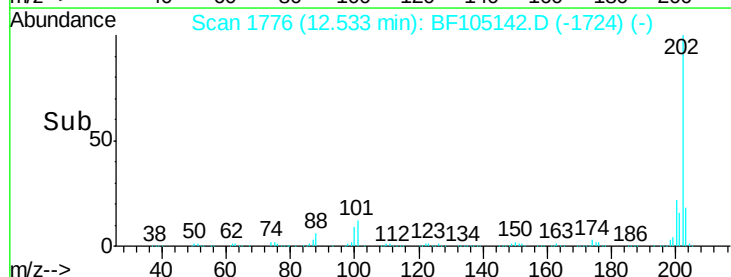
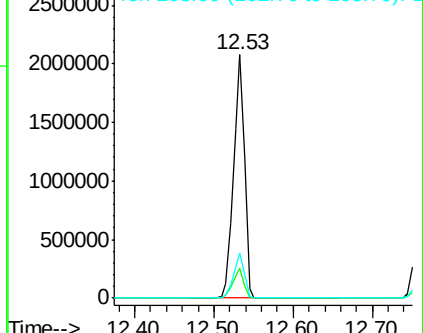
202 100

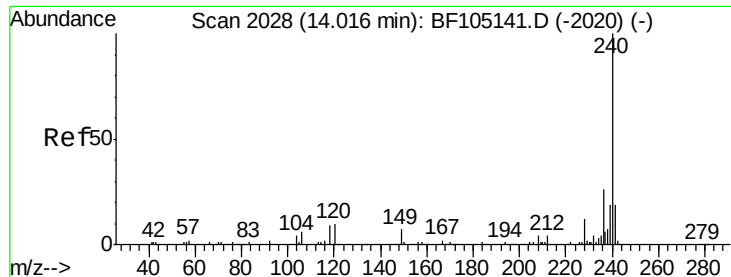
101 12.1 0.0 34.1

203 18.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.02 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

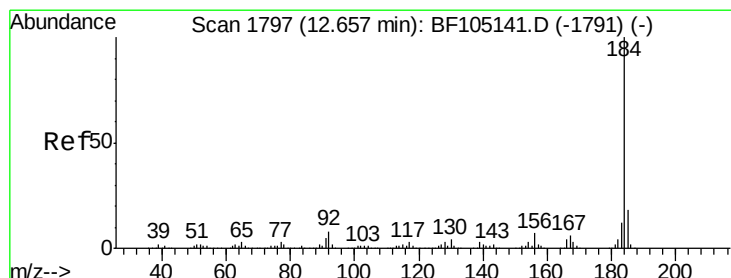
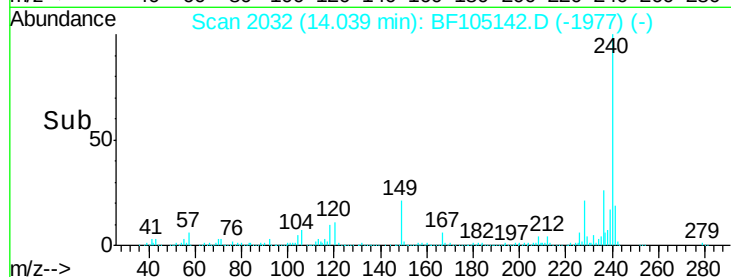
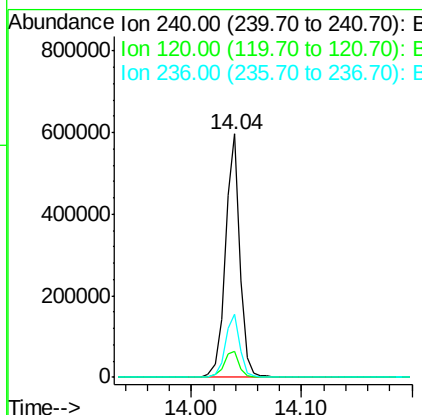
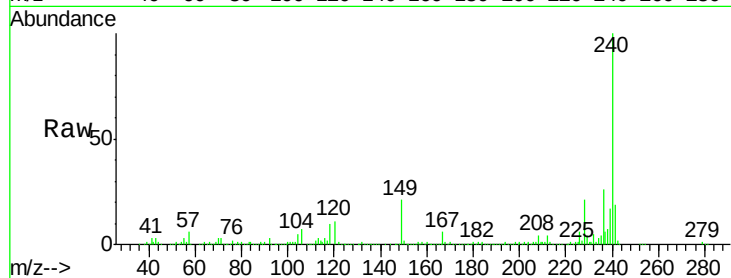
ClientSampleId :

SSTDIC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 240  | Resp: | 543302 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 10.7 | 9.5   | 14.3   |
| 236       | 26.1 | 20.7  | 31.1   |

Manual Integrations  
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#76

Benzidine

Concen: 58.248 ng

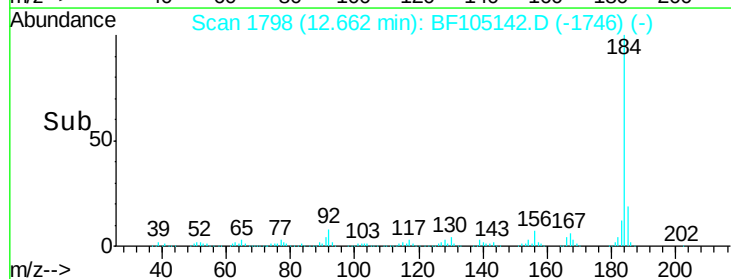
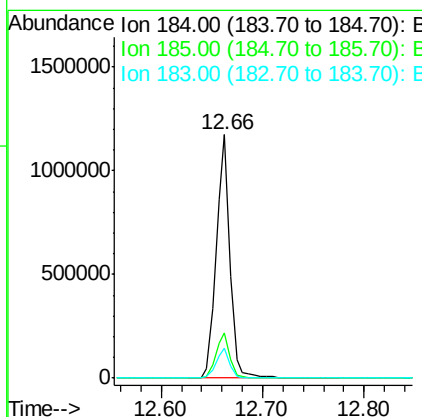
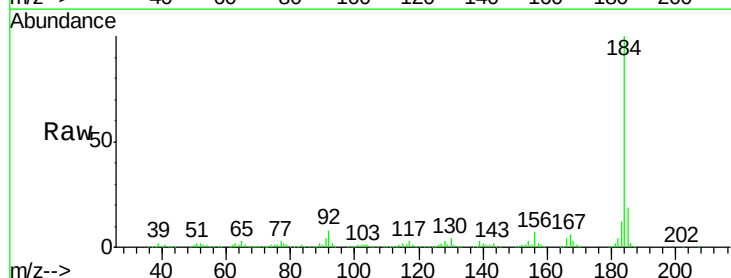
RT: 12.66 min Scan# 1798

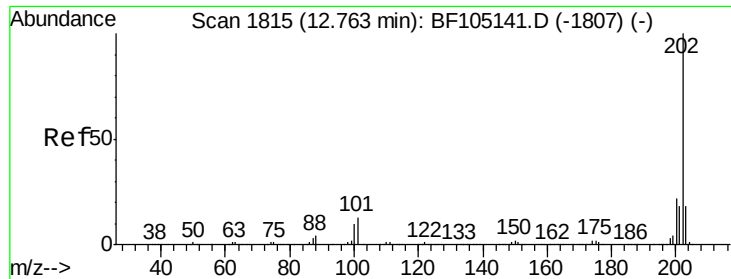
Delta R.T. 0.01 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 184  | Resp: | 1095375 |
| Ion Ratio |      | Lower | Upper   |
| 184       | 100  |       |         |
| 185       | 18.8 | 12.6  | 18.8    |
| 183       | 12.0 | 9.3   | 13.9    |





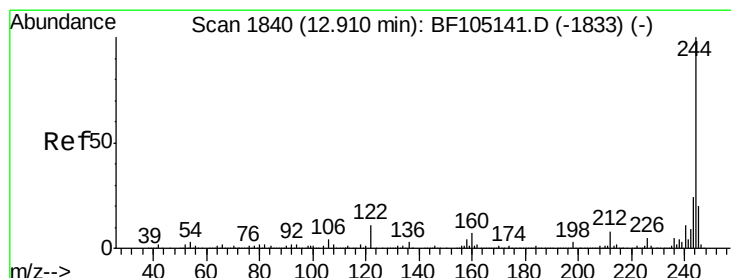
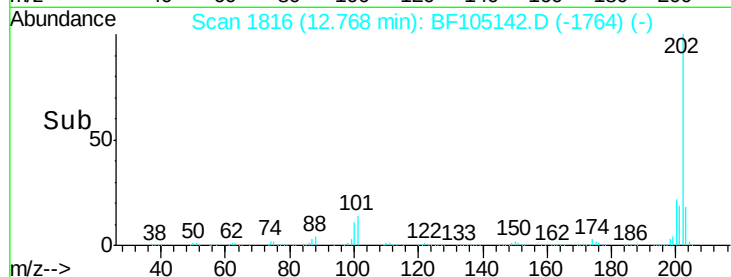
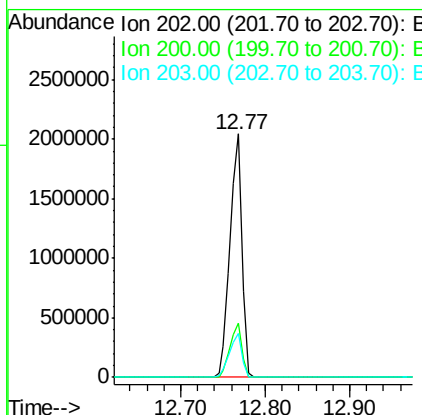
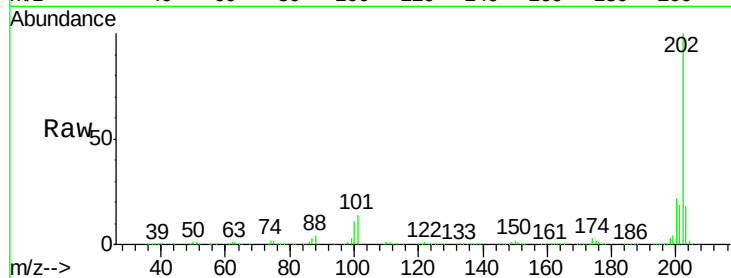
#77  
Pvrene  
Concen: 49.437 ng  
RT: 12.77 min Scan# 1816  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.4  | 17.4  | 26.2  |
| 203     | 18.0  | 14.3  | 21.5  |

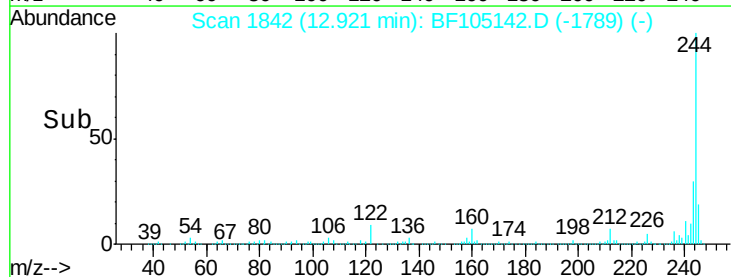
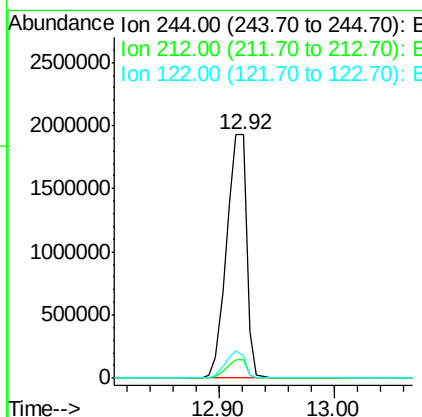
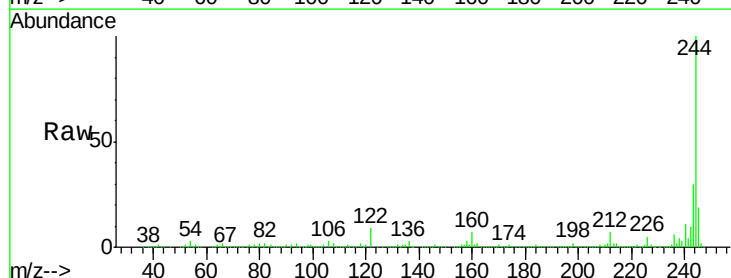
Manual Integrations  
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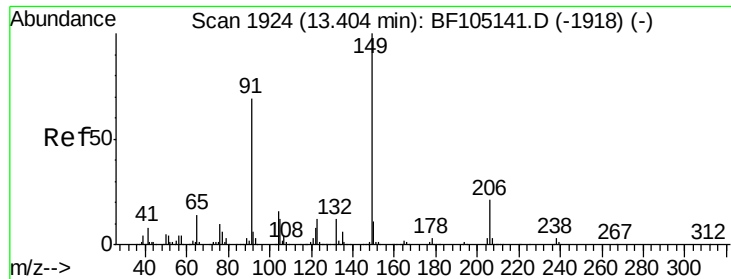
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5/9/2018 6:50:40 PM



#78  
Terphenyl-d14  
Concen: 96.581 ng  
RT: 12.92 min Scan# 1842  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.4   | 8.0   |
| 122     | 9.1   | 11.0  | 16.4# |





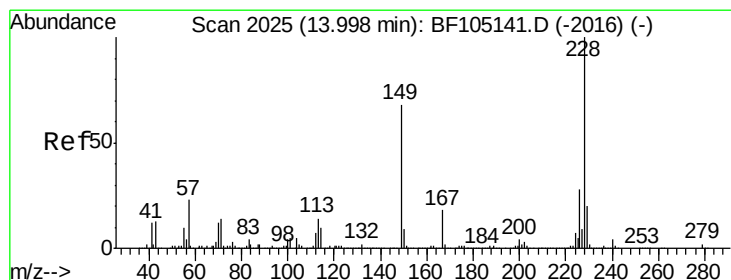
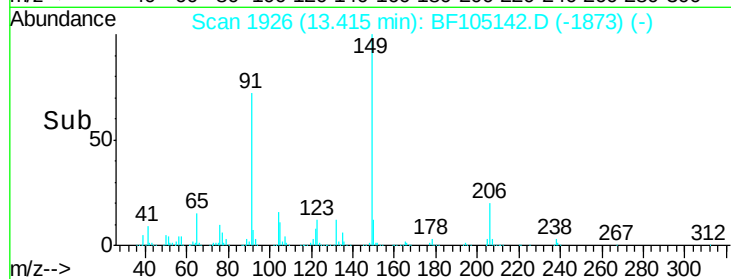
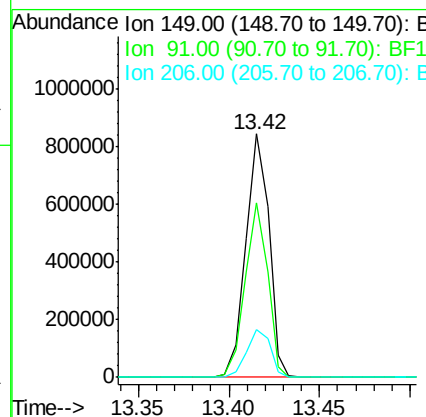
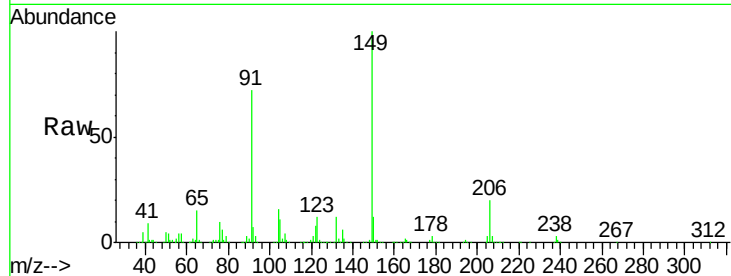
#79  
Butylbenzylphthalate  
Concen: 39.443 ng  
RT: 13.42 min Scan# 1926  
Delta R.T. 0.01 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.7  | 56.8  | 85.2  |
| 206     | 19.6  | 14.1  | 21.1  |

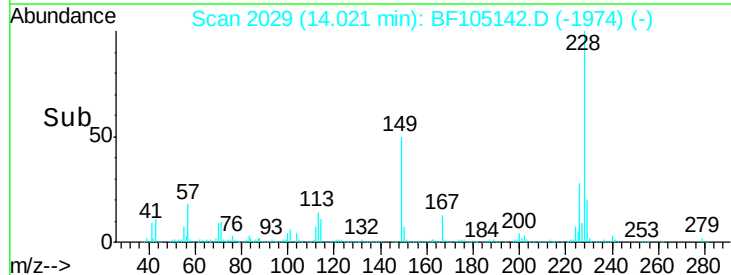
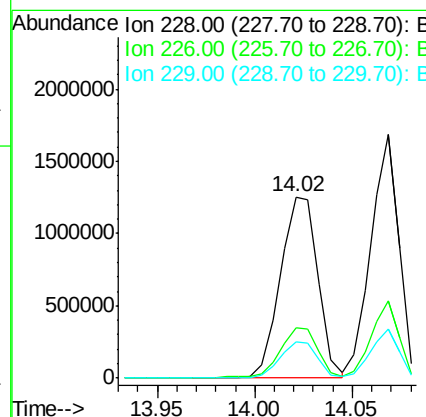
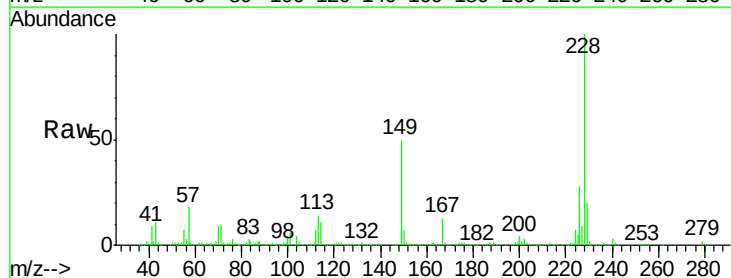
Manual Integrations  
APPROVED

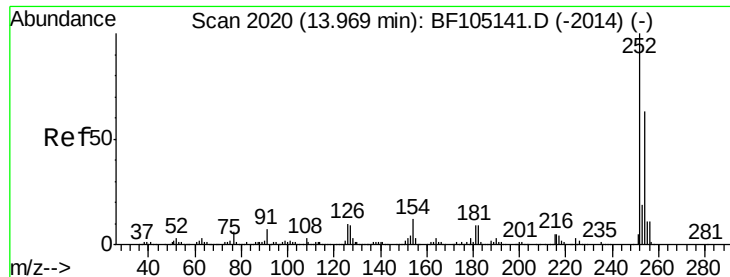
Sohil  
5/9/2018 6:50:40 PM



#80  
Benzo(a)anthracene  
Concen: 51.176 ng  
RT: 14.02 min Scan# 2029  
Delta R.T. 0.02 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.0  | 22.6  | 33.8  |
| 229     | 20.3  | 15.8  | 23.6  |





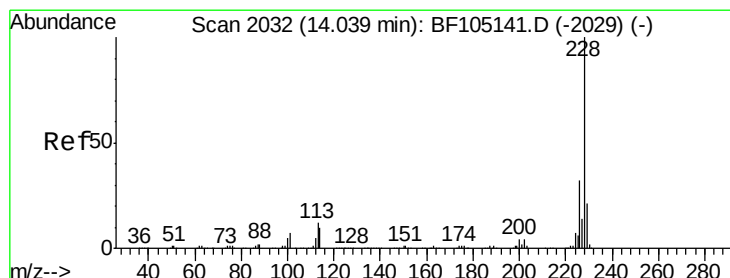
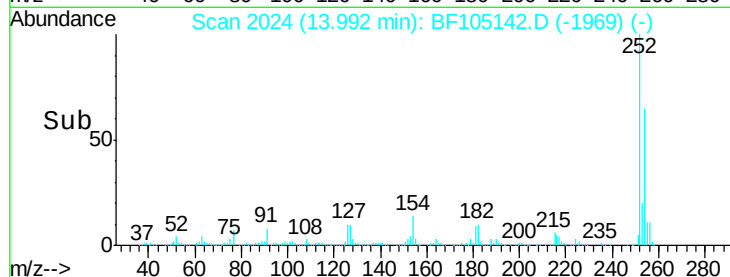
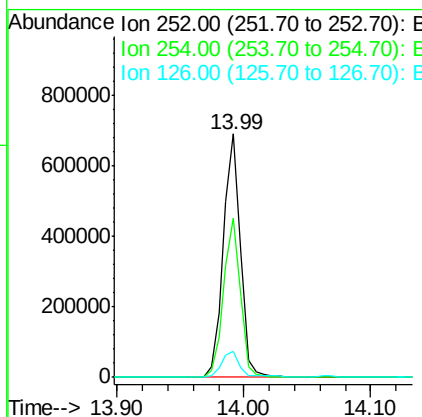
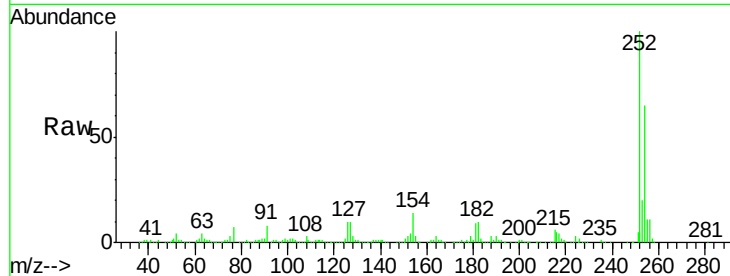
#81  
 3,3'-Dichlorobenzidine  
 Concen: 53.761 ng  
 RT: 13.99 min Scan# 2024  
 Delta R.T. 0.02 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 65.5  | 50.4       | 75.6  |
| 126     | 10.4  | 11.3       | 16.9# |

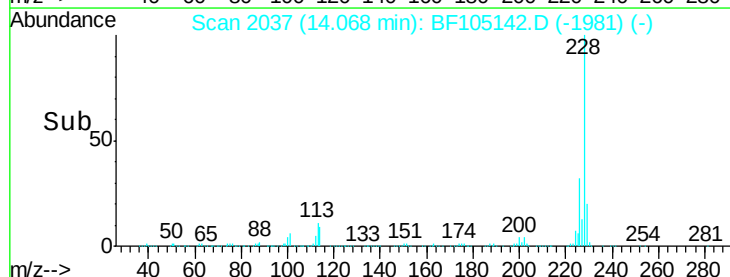
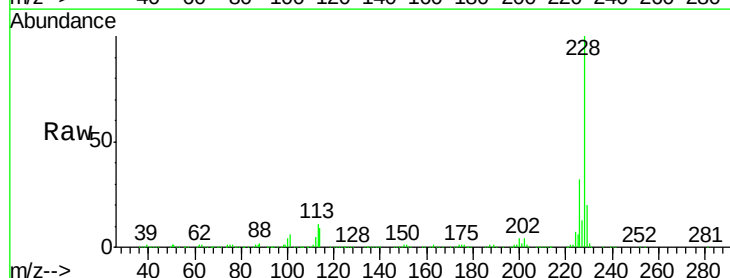
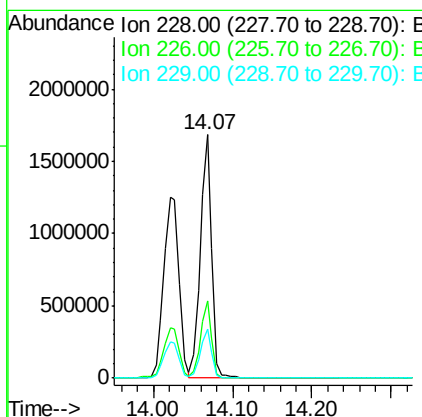
Manual Integrations  
 APPROVED

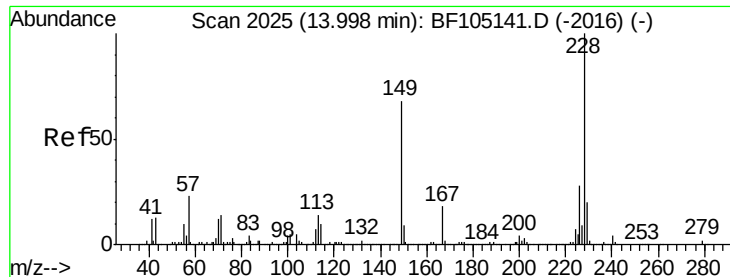
Sohil  
 5/9/2018 6:50:40 PM



#82  
 Chrysene  
 Concen: 51.023 ng  
 RT: 14.07 min Scan# 2037  
 Delta R.T. 0.03 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.7  | 25.0       | 37.6  |
| 229     | 20.0  | 16.2       | 24.4  |





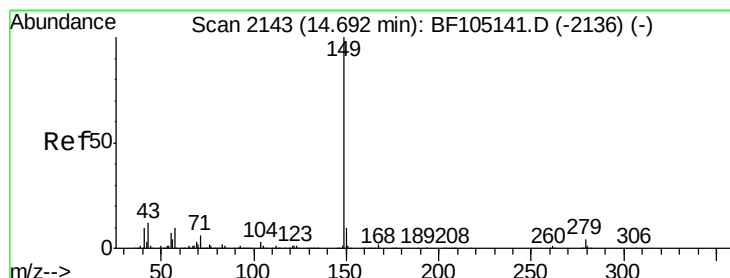
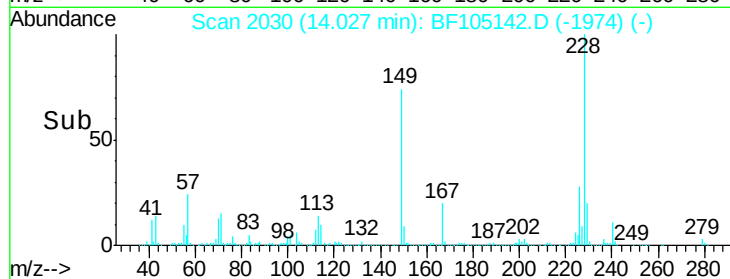
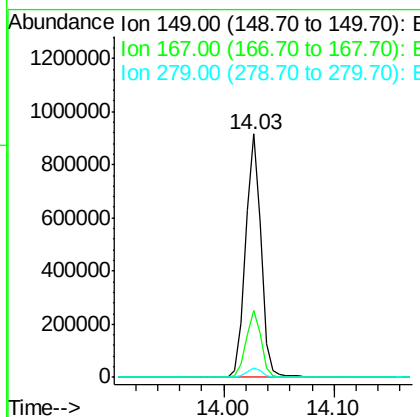
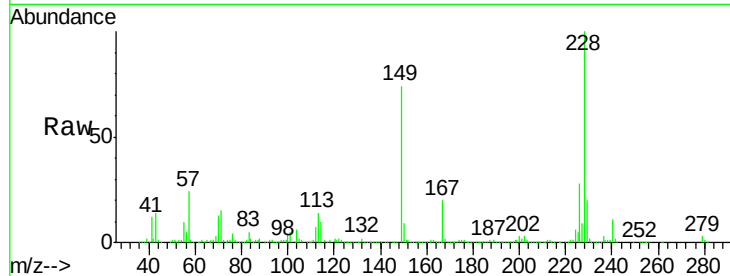
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.045 ng  
 RT: 14.03 min Scan# 2030  
 Delta R.T. 0.03 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 149  | Resp: | 904018 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 27.4 | 21.3  | 31.9   |
| 279       | 4.0  | 3.0   | 4.4    |

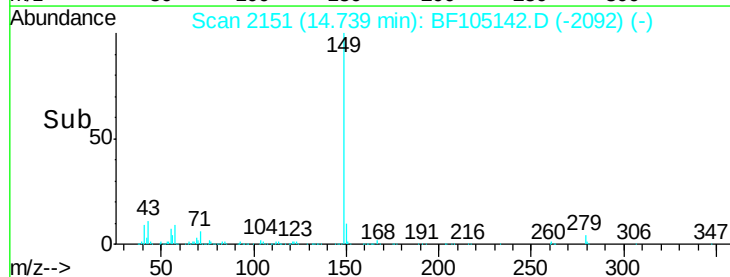
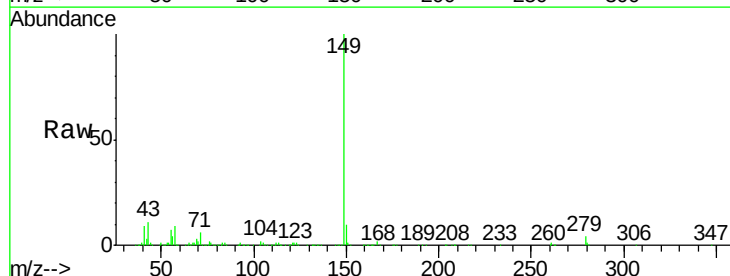
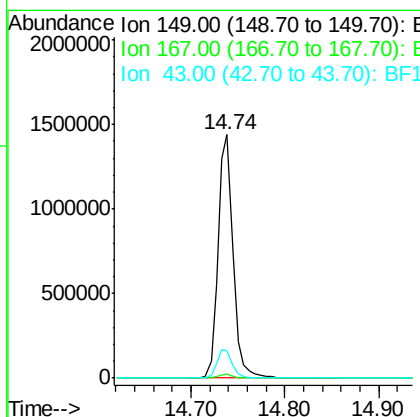
Manual Integrations  
 APPROVED

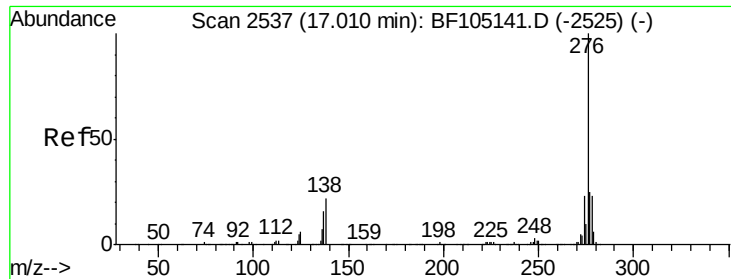
Sohil  
 5/9/2018 6:50:40 PM



#84  
 Di-n-octyl phthalate  
 Concen: 39.352 ng  
 RT: 14.74 min Scan# 2151  
 Delta R.T. 0.05 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 149  | Resp: | 1604599 |
| Ion Ratio |      | Lower | Upper   |
| 149       | 100  |       |         |
| 167       | 1.5  | 1.2   | 1.8     |
| 43        | 12.5 | 8.4   | 12.6    |





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.511 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.06 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:276 Resp: 1345561

Ion Ratio Lower Upper

276 100

138 26.0 25.0 37.6

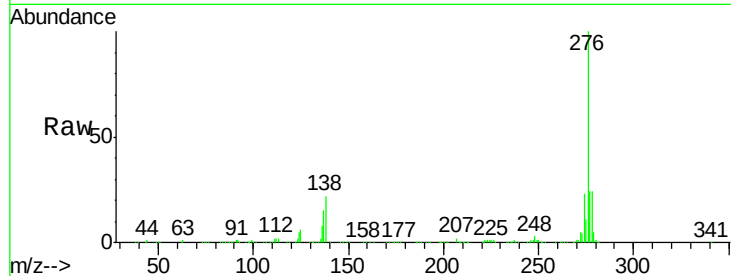
277 25.3 20.1 30.1

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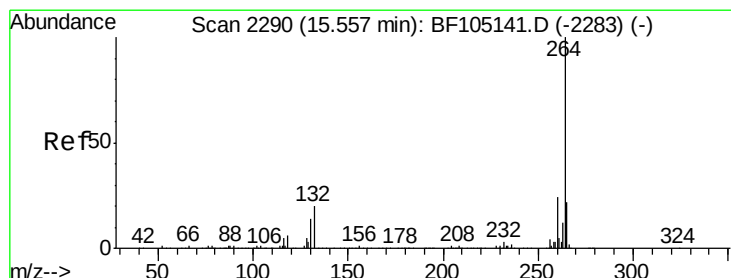
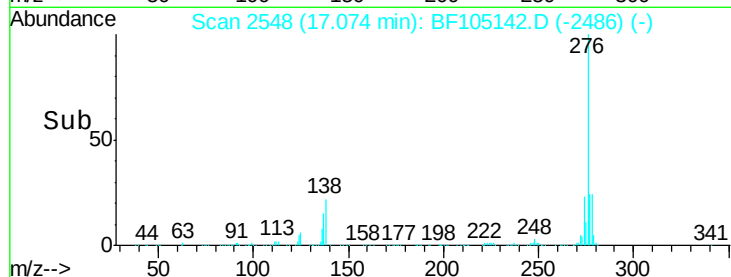
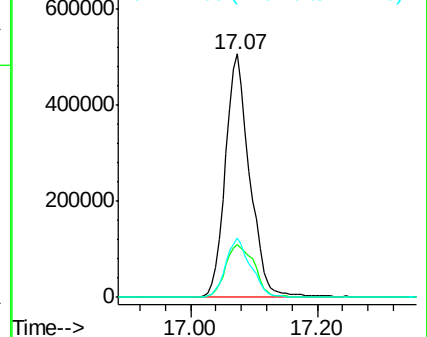
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. 0.06 min

Lab File: BF105142.D

Acq: 8 May 2018 13:00

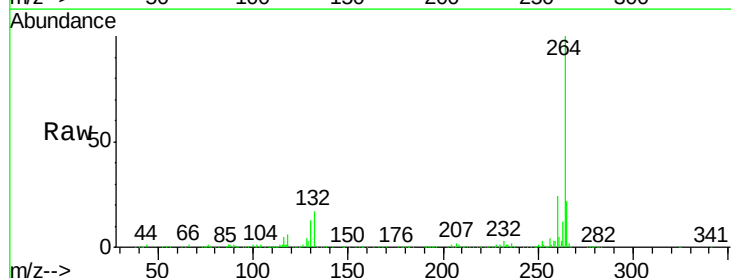
Tgt Ion:264 Resp: 498427

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

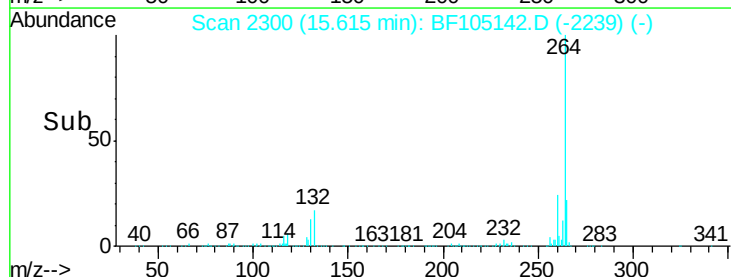
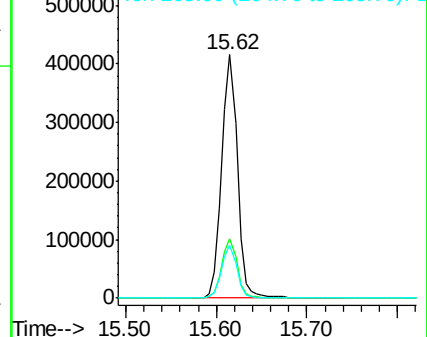
265 21.6 17.5 26.3

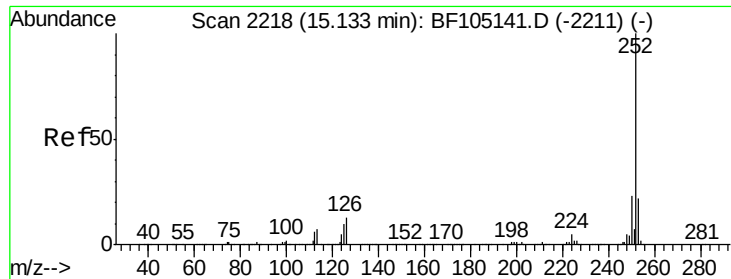


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





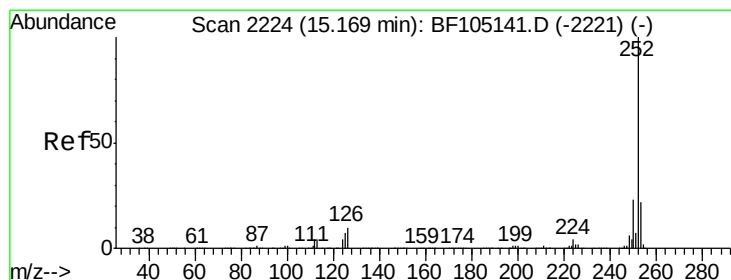
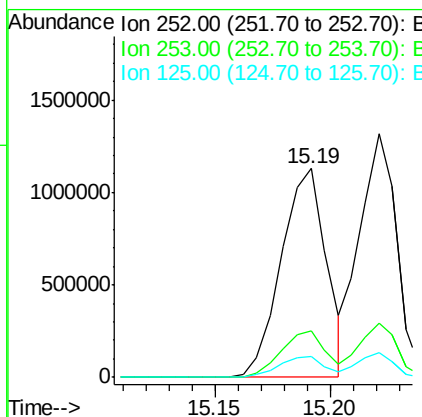
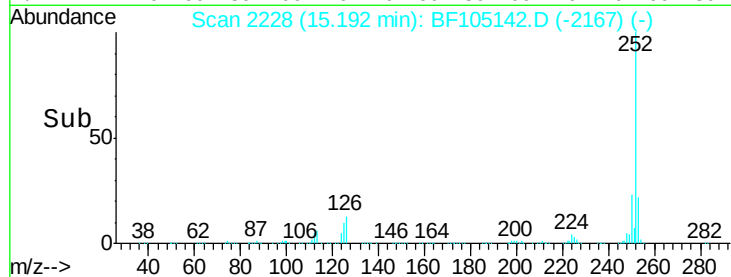
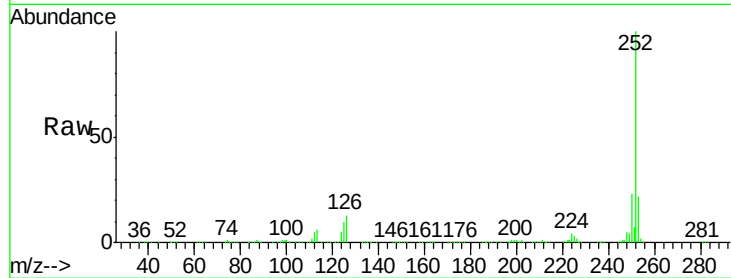
#87  
Benzo(b)fluoranthene  
Concen: 48.731 ng  
RT: 15.19 min Scan# 2228  
Delta R.T. 0.06 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.0  | 25.6  |
| 125     | 9.7   | 9.0   | 13.6  |

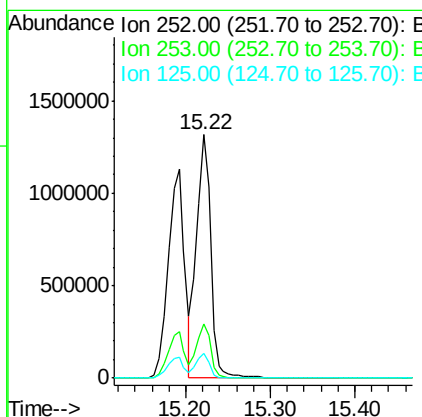
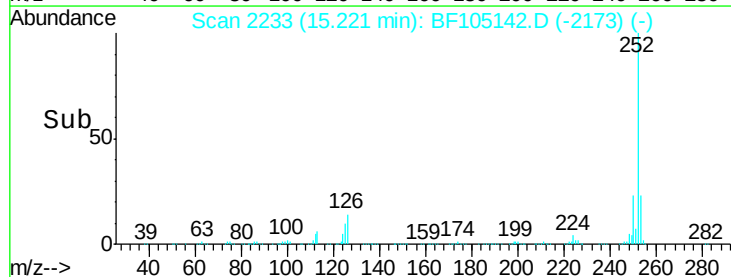
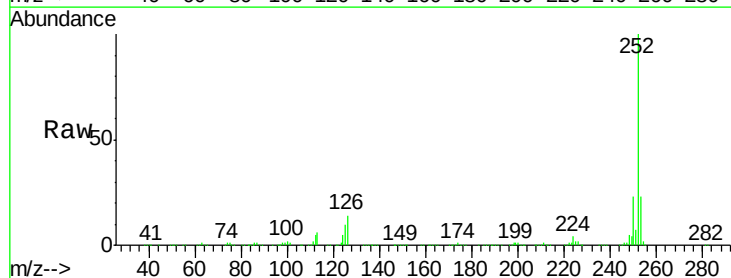
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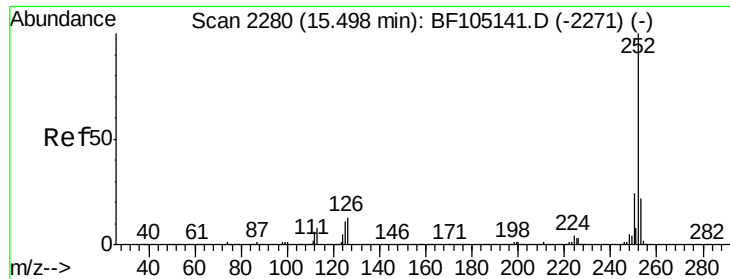


#88  
Benzo(k)fluoranthene  
Concen: 51.004 ng  
RT: 15.22 min Scan# 2233  
Delta R.T. 0.05 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.9  | 26.9  |
| 125     | 10.3  | 10.2  | 15.2  |







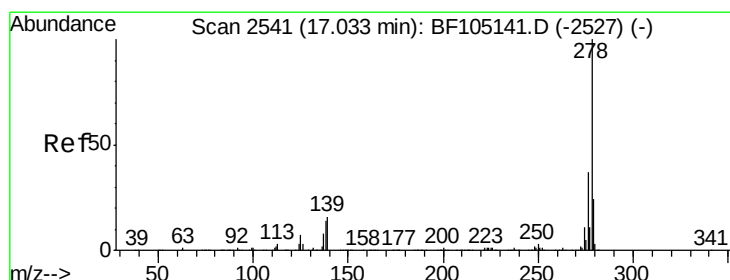
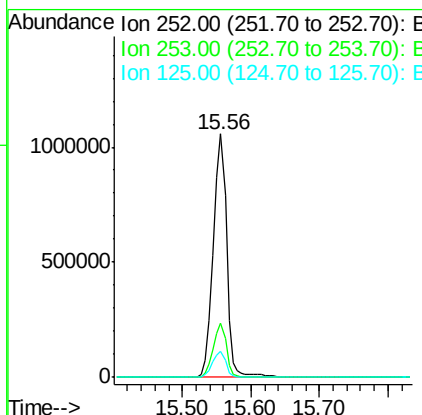
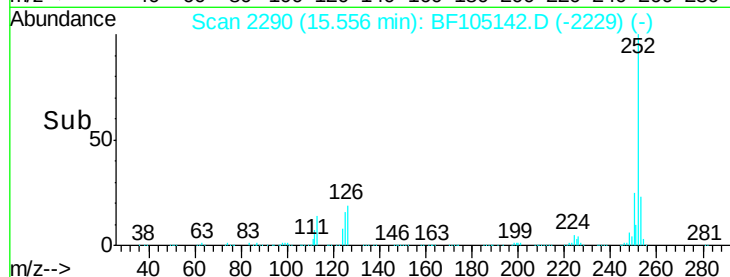
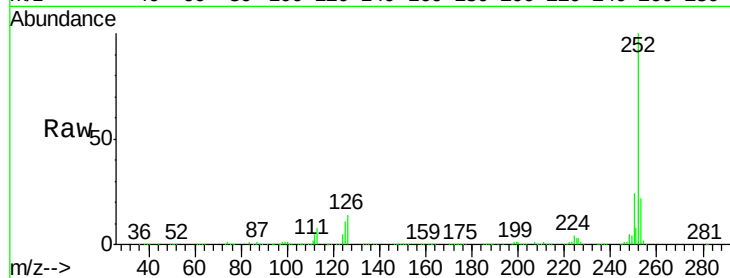
#89  
Benzo(a)pyrene  
Concen: 50.719 ng  
RT: 15.56 min Scan# 2290  
Delta R.T. 0.06 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.1  | 25.7  |
| 125     | 10.7  | 9.8   | 14.6  |

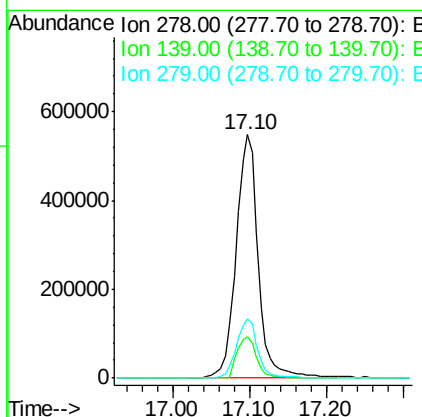
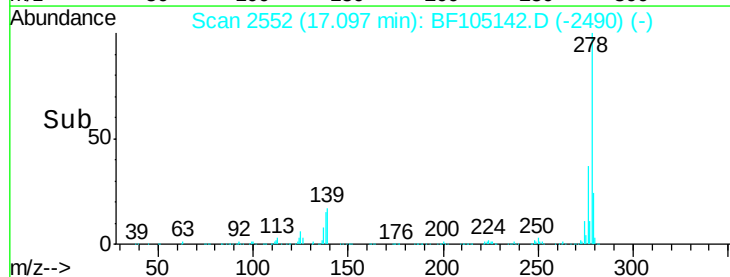
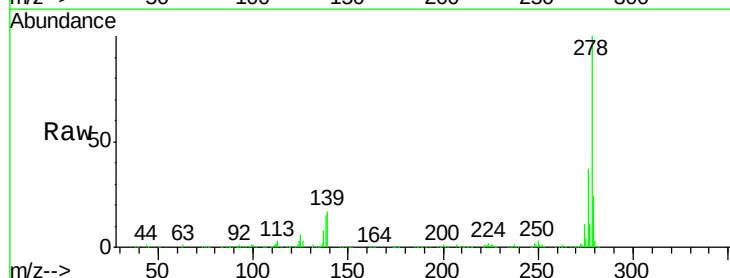
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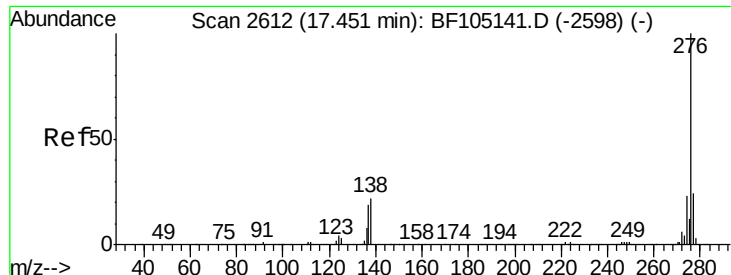
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#90  
Dibenzo(a,h)anthracene  
Concen: 47.708 ng  
RT: 17.10 min Scan# 2552  
Delta R.T. 0.06 min  
Lab File: BF105142.D  
Acq: 8 May 2018 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.9  | 15.9  | 23.9  |
| 279     | 24.5  | 19.0  | 28.4  |





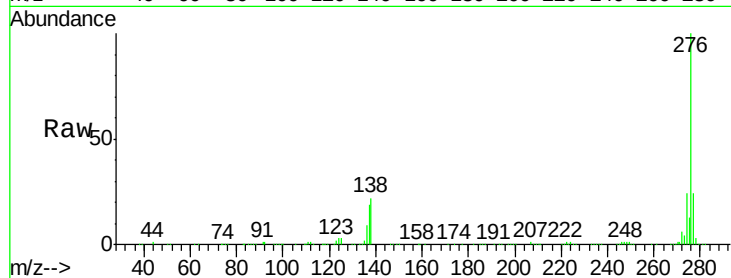
#91  
 Benzo(a,h,i)perylene  
 Concen: 49.943 ng  
 RT: 17.52 min Scan# 2623  
 Delta R.T. 0.06 min  
 Lab File: BF105142.D  
 Acq: 8 May 2018 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 17.9  | 26.9  |
| 138     | 22.4  | 21.8  | 32.8  |

Manual Integrations  
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

