

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\  
 Data File : BF109140.D  
 Acq On : 19 Sep 2018 13:39  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 9/20/2018 10:06:27 AM

Quant Time: Sep 19 14:26:22 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 14 13:26:52 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 129689   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.01  | 136  | 510492   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.75  | 164  | 246569   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.23 | 188  | 481152   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.86 | 240  | 337281   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.26 | 264  | 291413   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 622796  | 79.76 | ng | 0.00 |
| 7) Phenol-d6             | 6.36  | 99  | 790960  | 78.56 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.28  | 82  | 733336  | 80.57 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.54 | 330 | 219582  | 82.06 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.08  | 172 | 1293949 | 82.22 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.81 | 244 | 1117913 | 78.56 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.38 | 88  | 138759  | 37.331 | ng | 93     |
| 3) Pyridine                    | 3.09 | 79  | 388684  | 39.447 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.03 | 42  | 146057  | 39.249 | ng | # 94   |
| 6) Aniline                     | 6.38 | 93  | 513042  | 39.422 | ng | 98     |
| 8) 2-Chlorophenol              | 6.51 | 128 | 350442  | 40.104 | ng | 97     |
| 9) Benzaldehyde                | 6.27 | 77  | 257719  | 40.078 | ng | 99     |
| 10) Phenol                     | 6.37 | 94  | 442426  | 39.052 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 345183  | 38.729 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.67 | 146 | 394142  | 39.441 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146 | 399143  | 39.813 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 369179  | 39.721 | ng | 98     |
| 15) Benzyl Alcohol             | 6.87 | 79  | 309517  | 40.492 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.01 | 45  | 487816  | 38.199 | ng | 95     |
| 17) 2-Methylphenol             | 6.98 | 107 | 279960  | 39.269 | ng | 98     |
| 18) Hexachloroethane           | 7.24 | 117 | 144493  | 39.684 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.14 | 70  | 254585  | 38.253 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.14 | 107 | 333797  | 38.876 | ng | # 64   |
| 22) Acetophenone               | 7.13 | 105 | 453060  | 39.080 | ng | # 91   |
| 24) Nitrobenzene               | 7.31 | 77  | 377471  | 40.225 | ng | 96     |
| 25) Isophorone                 | 7.55 | 82  | 602349  | 38.500 | ng | 99     |
| 26) 2-Nitrophenol              | 7.62 | 139 | 182732  | 41.703 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 272565  | 39.656 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 407534  | 38.708 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.86 | 162 | 295013  | 40.278 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 315103  | 39.798 | ng | 97     |
| 31) Naphthalene                | 8.02 | 128 | 940447  | 39.692 | ng | 99     |
| 32) Benzoic acid               | 7.78 | 122 | 178411m | 39.725 | ng |        |
| 33) 4-Chloroaniline            | 8.07 | 127 | 416936  | 39.577 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.15 | 225 | 196590  | 40.672 | ng | 99     |
| 35) Caprolactam                | 8.45 | 113 | 91785   | 38.437 | ng | # 82   |
| 36) 4-Chloro-3-methylphenol    | 8.56 | 107 | 309749  | 40.173 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.72 | 142 | 603622  | 39.082 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.88 | 216 | 310097  | 39.958 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 8.88 | 237 | 146496  | 37.467 | ng | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 14 13:26:52 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.00  | 196  | 212535   | 40.745 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.03  | 196  | 222463   | 40.811 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.18  | 154  | 787184   | 39.905 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.20  | 162  | 630720   | 39.924 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.30  | 65   | 198617   | 40.895 | nq    | 96       |
| 48) Acenaphthylene             | 9.61  | 152  | 946696   | 39.745 | nq    | 100      |
| 49) Dimethylphthalate          | 9.48  | 163  | 699778   | 39.708 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.54  | 165  | 160874   | 41.163 | nq    | 94       |
| 51) Acenaphthene               | 9.79  | 154  | 583418   | 39.335 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.71  | 138  | 185380   | 40.282 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 9.81  | 184  | 51385    | 34.115 | nq #  | 21       |
| 54) Dibenzofuran               | 9.96  | 168  | 852276   | 39.764 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.87  | 139  | 133931   | 39.500 | nq    | 99       |
| 56) 2,4-Dinitrotoluene         | 9.94  | 165  | 210472   | 41.179 | nq #  | 89       |
| 57) Fluorene                   | 10.30 | 166  | 594887   | 41.649 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.08 | 232  | 182564   | 40.448 | nq    | 88       |
| 59) Diethylphthalate           | 10.18 | 149  | 710299   | 39.913 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.30 | 204  | 315108   | 41.200 | nq    | 94       |
| 61) 4-Nitroaniline             | 10.31 | 138  | 177781   | 40.661 | nq    | 96       |
| 62) Azobenzene                 | 10.45 | 77   | 711947   | 39.082 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 83475    | 36.260 | nq    | 89       |
| 65) n-Nitrosodiphenylamine     | 10.41 | 169  | 628664   | 39.944 | nq    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.78 | 248  | 212882   | 39.246 | nq #  | 85       |
| 67) Hexachlorobenzene          | 10.85 | 284  | 226857   | 39.099 | nq #  | 84       |
| 68) Atrazine                   | 10.94 | 200  | 200242   | 39.744 | nq    | 96       |
| 69) Pentachlorophenol          | 11.04 | 266  | 150458   | 40.531 | nq    | 98       |
| 70) Phenanthrene               | 11.25 | 178  | 934637   | 39.627 | nq    | 99       |
| 71) Anthracene                 | 11.31 | 178  | 942315   | 39.412 | nq    | 100      |
| 72) Carbazole                  | 11.46 | 167  | 923056   | 39.000 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.80 | 149  | 1084159  | 39.132 | nq    | 99       |
| 74) Fluoranthene               | 12.44 | 202  | 968799   | 38.908 | nq    | 98       |
| 76) Benzidine                  | 12.56 | 184  | 626614   | 52.483 | nq    | 99       |
| 77) Pyrene                     | 12.67 | 202  | 994743   | 39.706 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.29 | 149  | 445170   | 39.784 | nq    | 98       |
| 80) Benzo(a)anthracene         | 13.85 | 228  | 791319   | 38.752 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.81 | 252  | 315385   | 38.274 | nq #  | 98       |
| 82) Chrysene                   | 13.88 | 228  | 793789   | 38.853 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.85 | 149  | 535373   | 39.515 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.46 | 149  | 896656   | 39.023 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.61 | 276  | 586695   | 35.919 | nq #  | 94       |
| 87) Benzo(b)fluoranthene       | 14.87 | 252  | 654948   | 40.626 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 14.89 | 252  | 622349   | 41.331 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.20 | 252  | 572946   | 40.018 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.63 | 278  | 489017   | 40.655 | nq #  | 95       |
| 91) Benzo(g,h,i)perylene       | 17.02 | 276  | 495937   | 41.240 | nq #  | 91       |

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

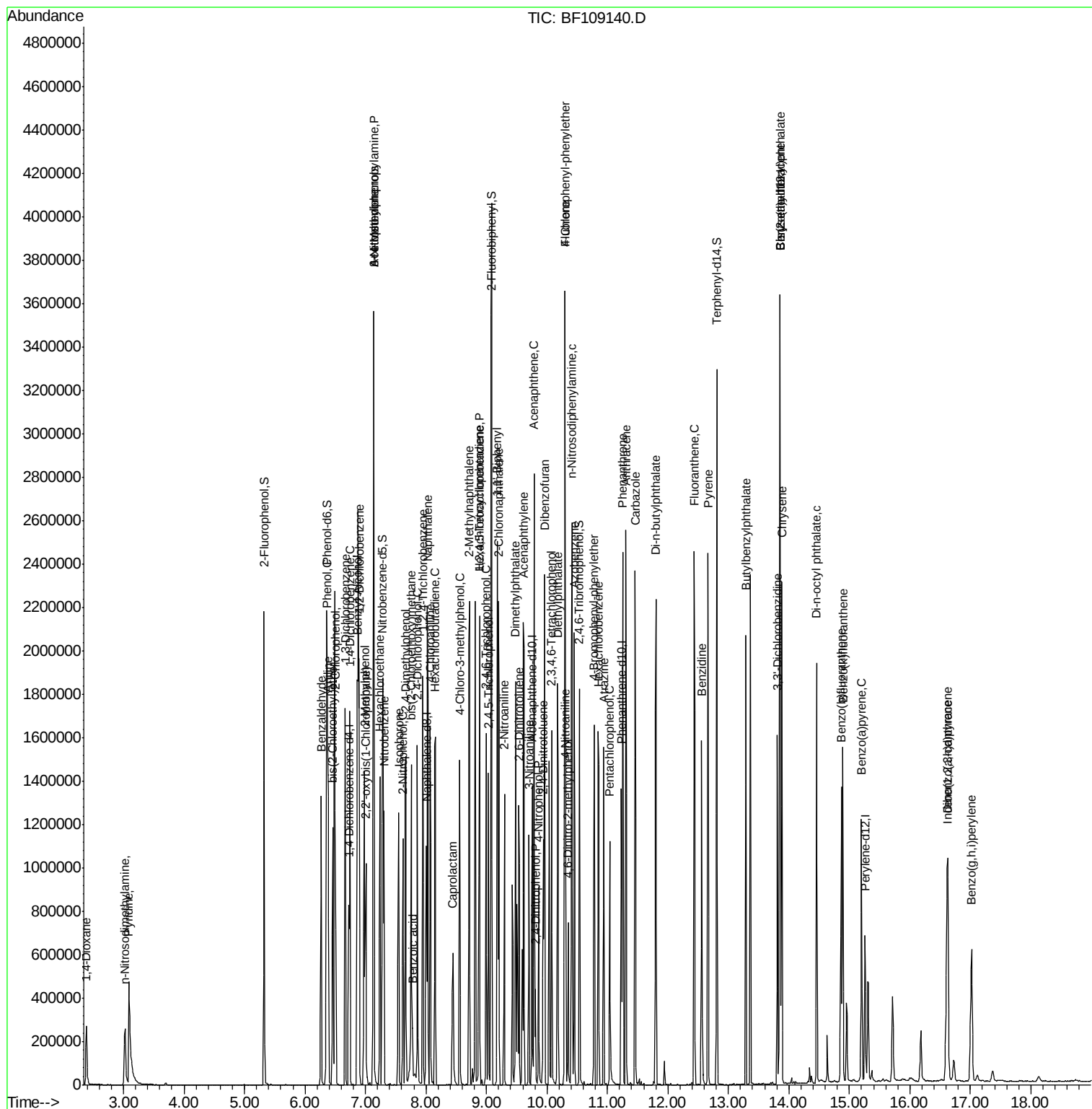
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\  
Data File : BF109140.D  
Acq On : 19 Sep 2018 13:39  
Operator : JU/SJ  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

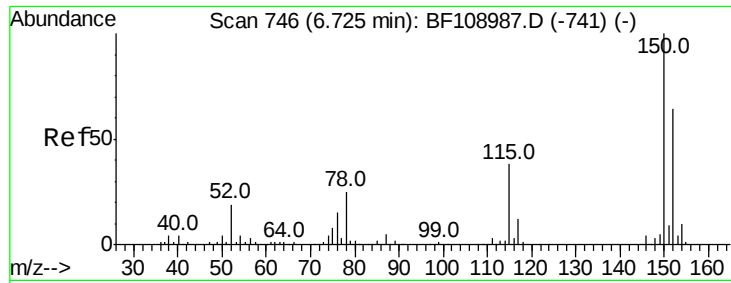
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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#1

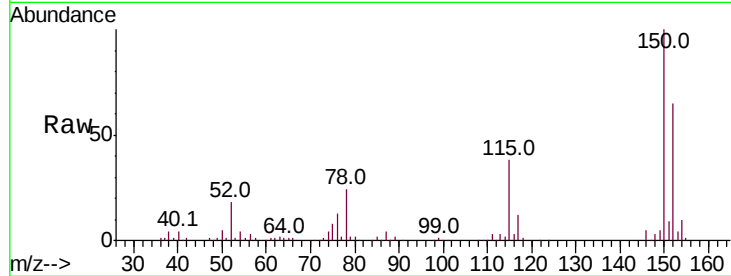
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 746  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.7 | 124.6 | 186.8 |
| 115     | 58.4  | 50.1  | 75.1  |

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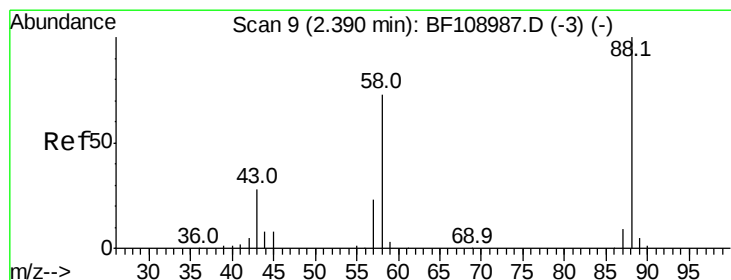
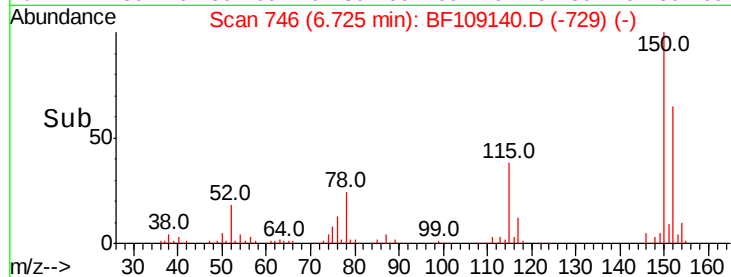
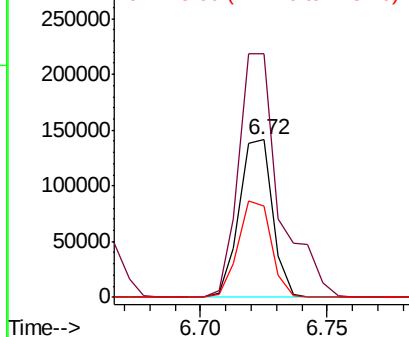


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

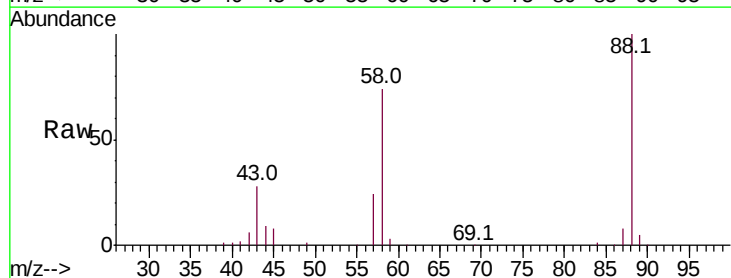
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 37.331 ng  
RT: 2.38 min Scan# 8  
Delta R.T. -0.01 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.0  | 62.6  | 93.8  |
| 43      | 28.7  | 24.6  | 37.0  |

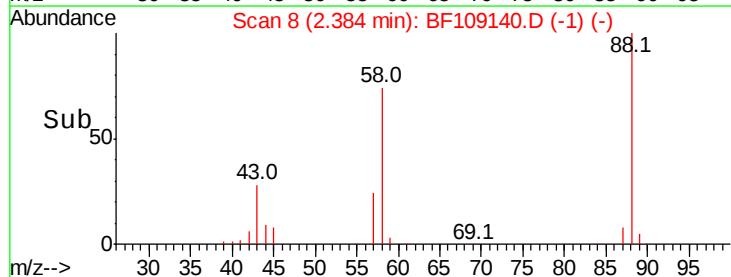
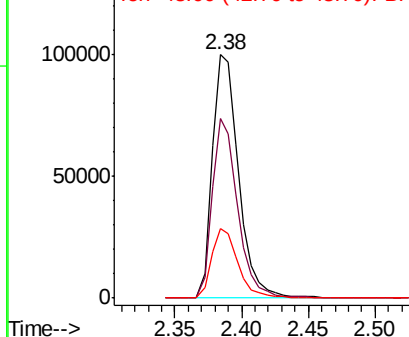


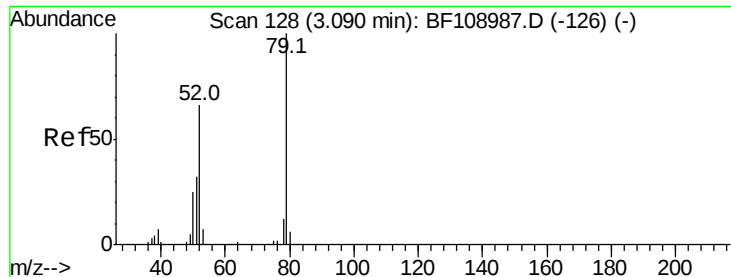
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





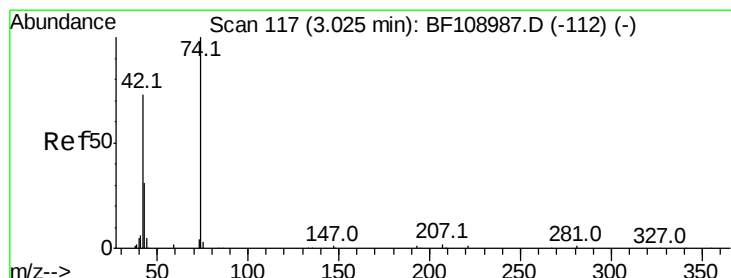
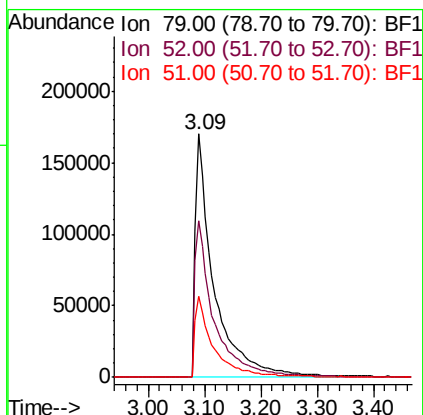
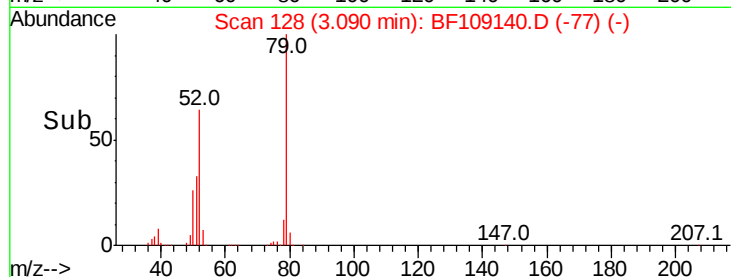
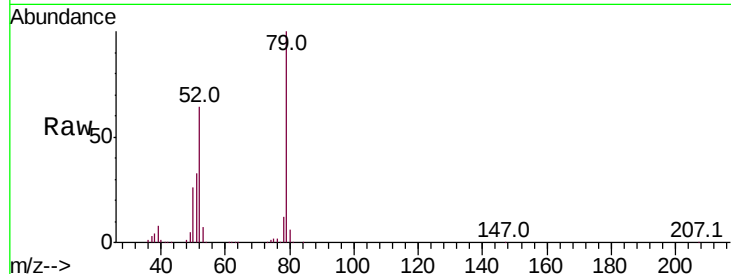
#3  
 Pvrindine  
 Concen: 39.447 ng  
 RT: 3.09 min Scan# 128  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 64.2  | 59.8  | 89.6  |
| 51      | 33.4  | 29.8  | 44.8  |

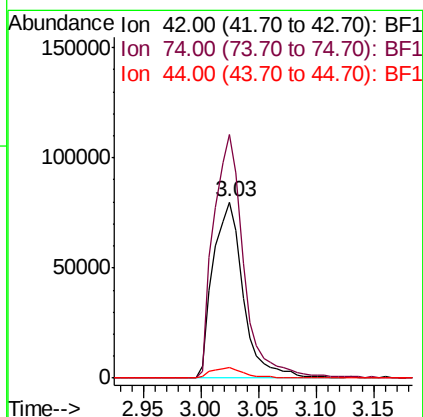
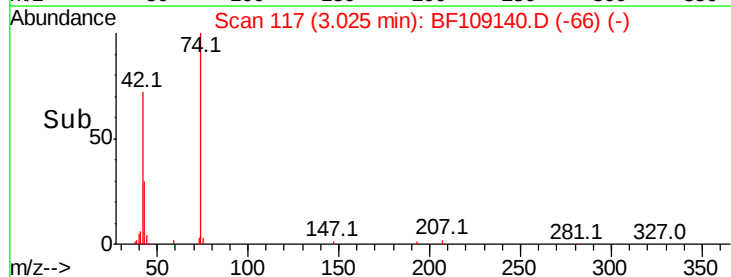
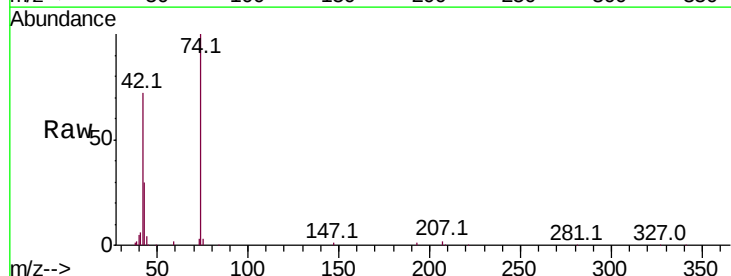
Manual Integrations  
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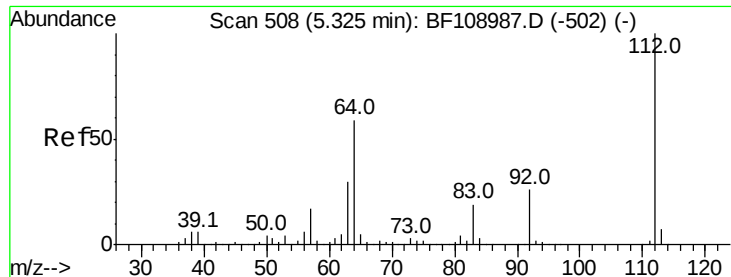
Sohil  
 9/20/2018 10:06:27 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 39.249 ng  
 RT: 3.03 min Scan# 117  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 138.4 | 104.9 | 157.3 |
| 44      | 6.0   | 6.9   | 10.3# |





#5

2-Fluorophenol

Concen: 79.759 ng

RT: 5.32 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Instrument :

BNA\_F

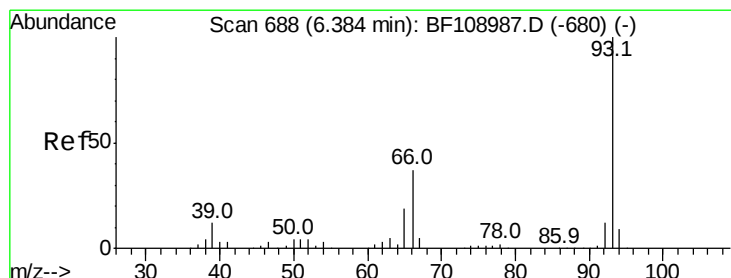
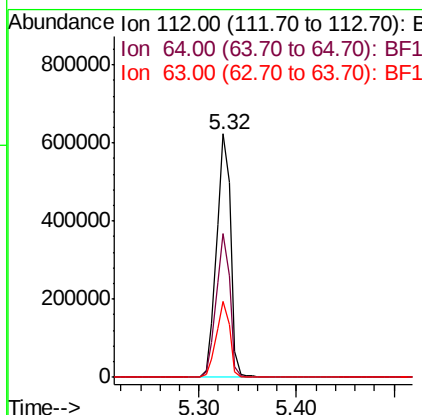
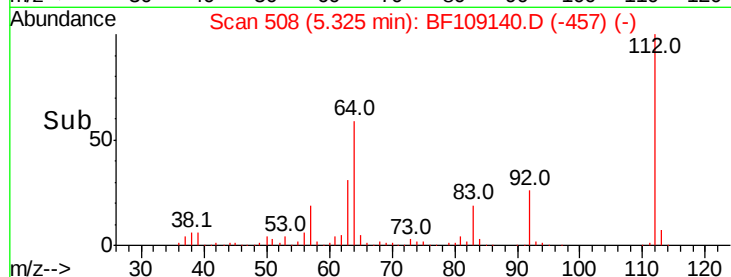
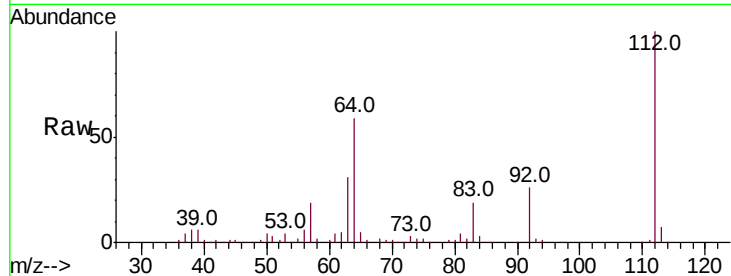
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 622796 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.3  | 47.9  | 71.9   |
| 63        | 31.2  | 23.7  | 35.5   |

Manual Integrations  
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#6

Aniline

Concen: 39.422 ng

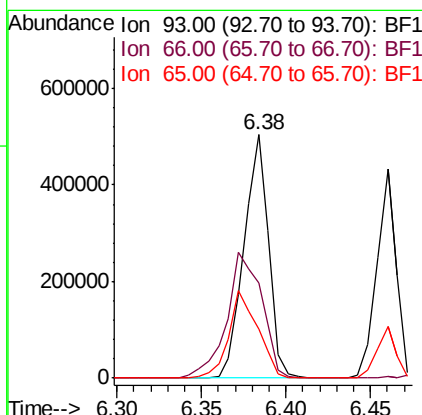
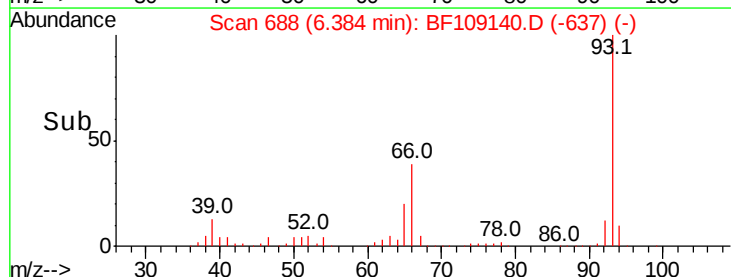
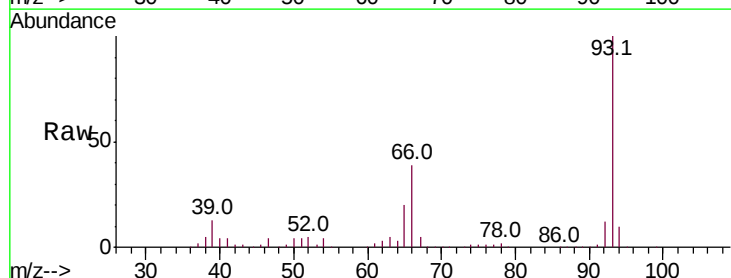
RT: 6.38 min Scan# 688

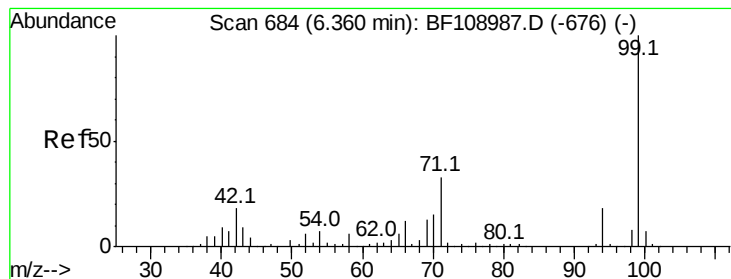
Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 513042 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.0  | 32.2  | 48.2   |
| 65        | 20.0  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 78.557 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Instrument :

BNA\_F

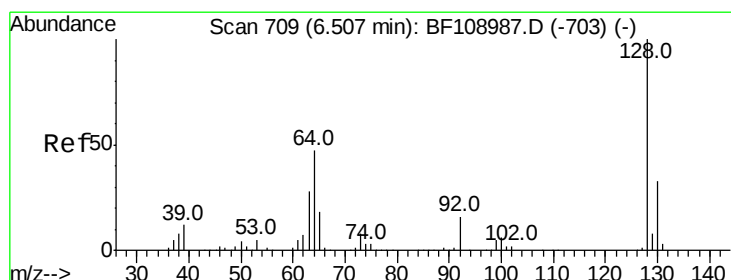
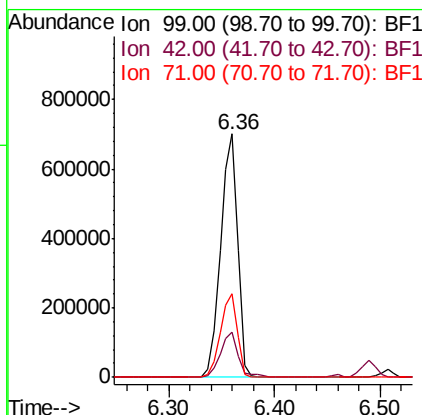
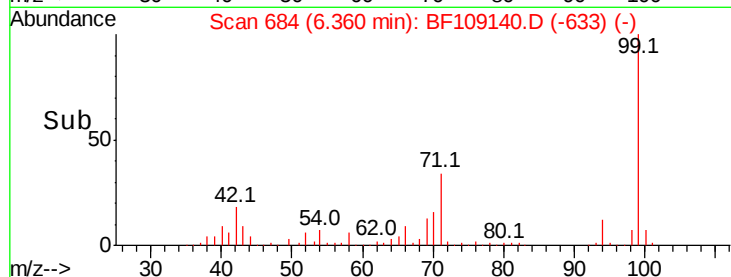
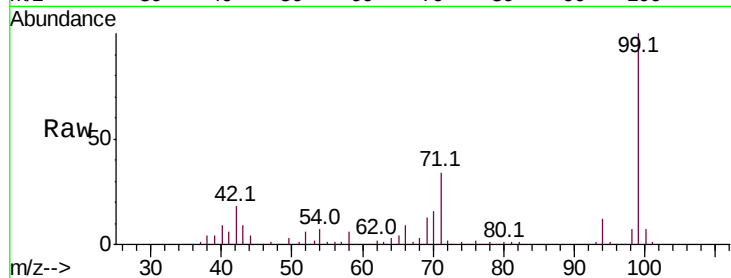
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 99      | 100   | 790960 |       |       |
| 42      | 18.5  |        | 14.5  | 21.7  |
| 71      | 34.5  |        | 25.4  | 38.0  |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.104 ng

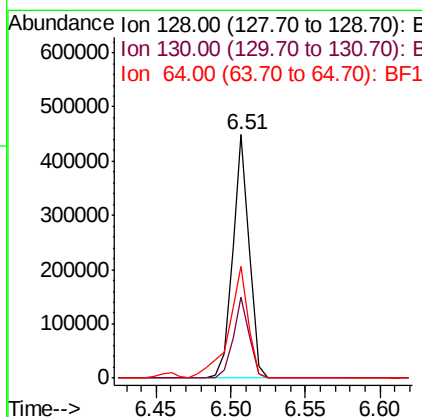
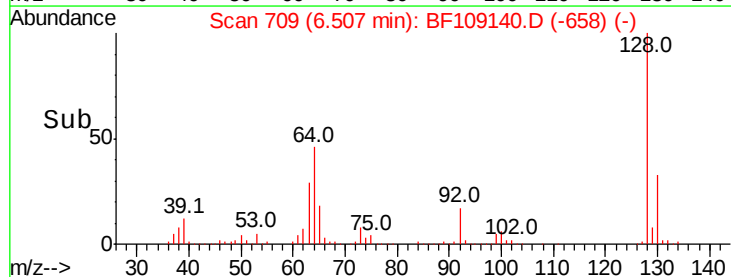
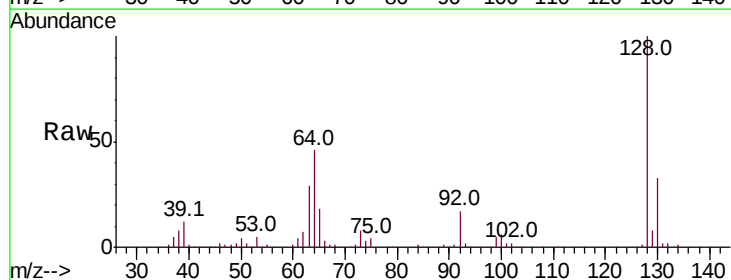
RT: 6.51 min Scan# 709

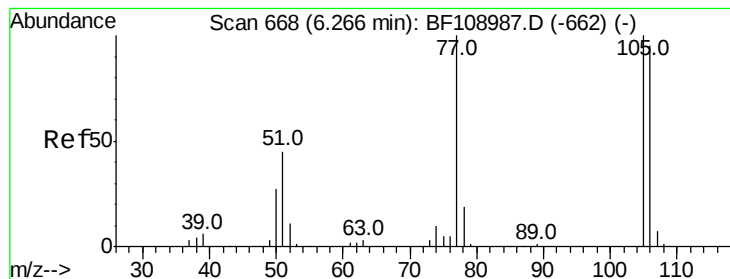
Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 350442 |       |       |
| 130     | 33.0  |        | 13.0  | 53.0  |
| 64      | 46.2  |        | 29.4  | 69.4  |





#9

Benzaldehyde

Concen: 40.078 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Instrument :

BNA\_F

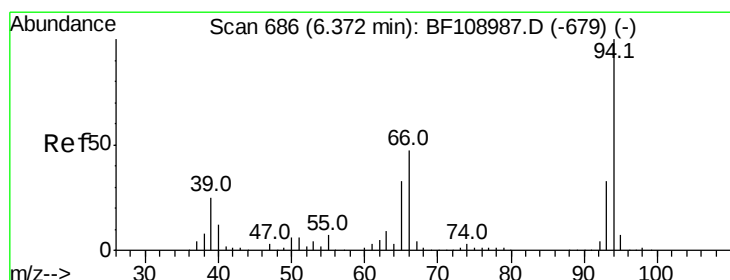
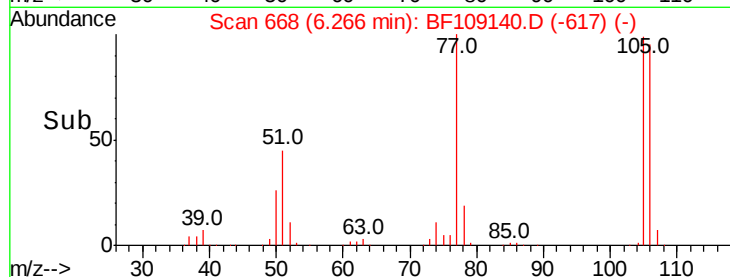
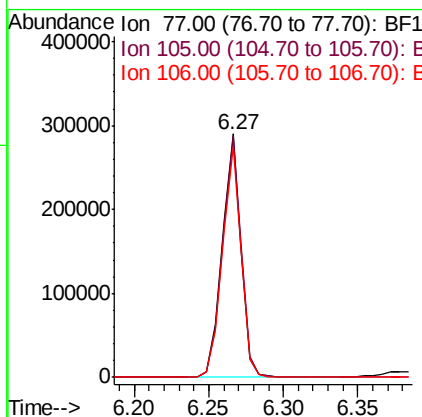
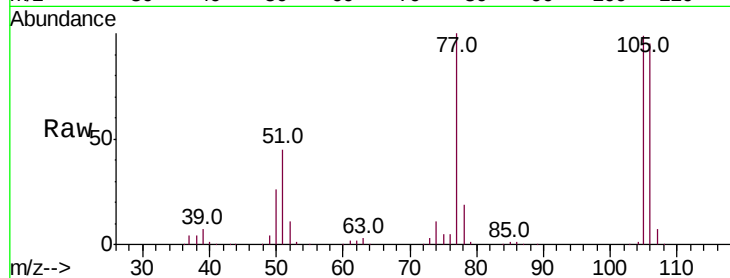
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 257719 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 98.9  | 81.1  | 121.1  |
| 106      | 94.6  | 74.5  | 114.5  |

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#10

Phenol

Concen: 39.052 ng

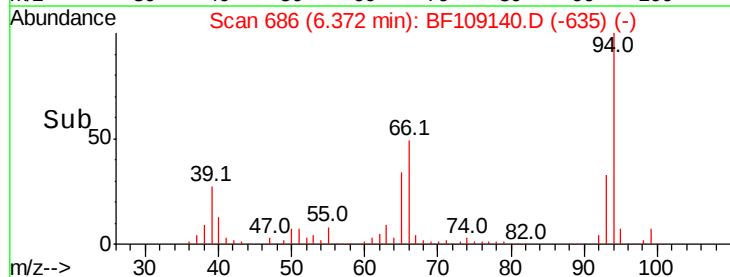
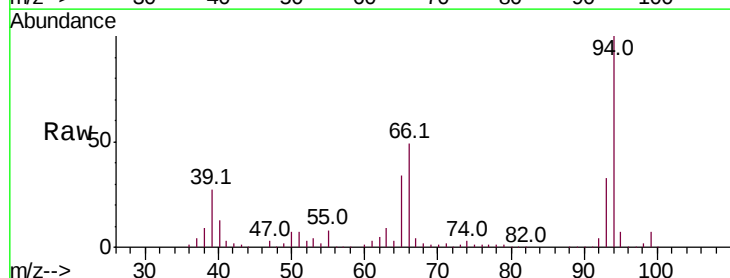
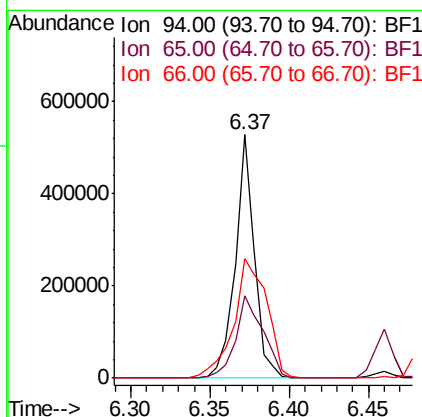
RT: 6.37 min Scan# 686

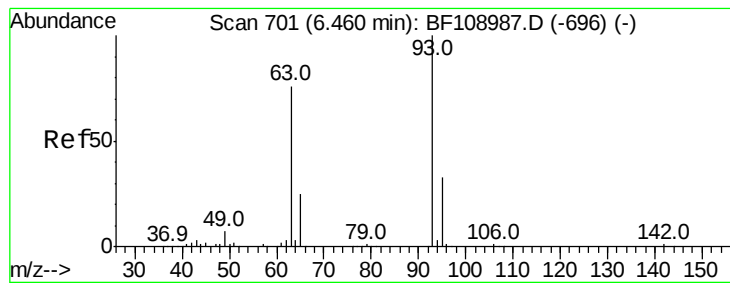
Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 442426 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 34.0  | 7.9   | 47.9   |
| 66       | 49.1  | 16.2  | 56.2   |





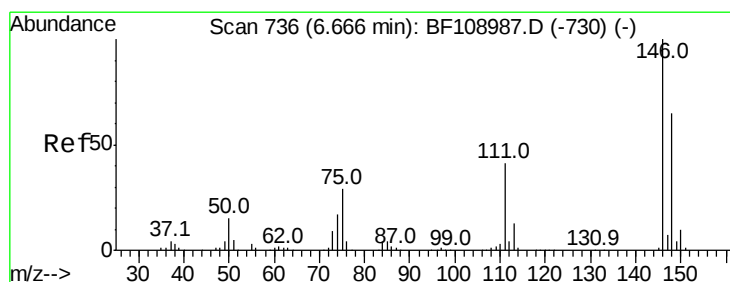
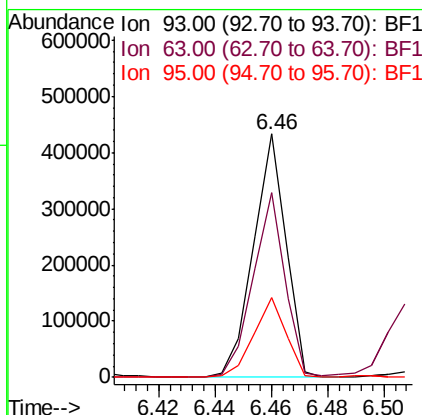
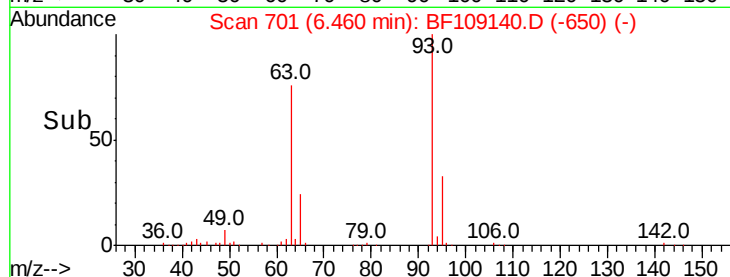
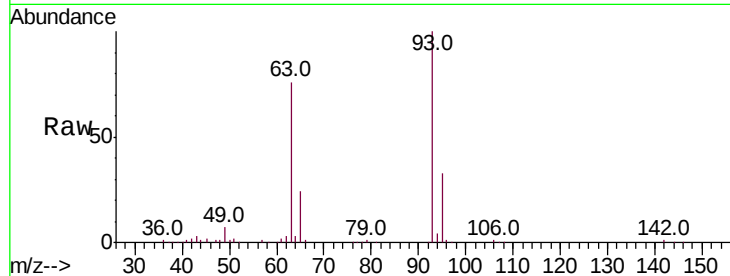
#11  
bis(2-Chloroethyl)ether  
Concen: 38.729 ng  
RT: 6.46 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 345183 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 75.9  | 58.6  | 98.6   |
| 95        | 32.7  | 11.8  | 51.8   |

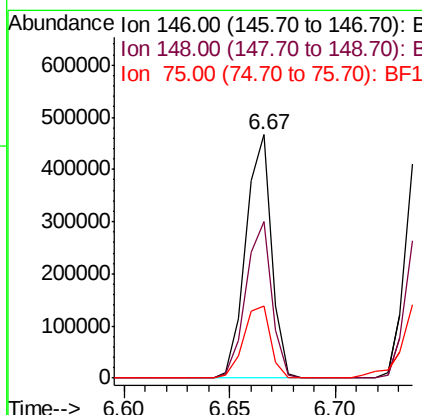
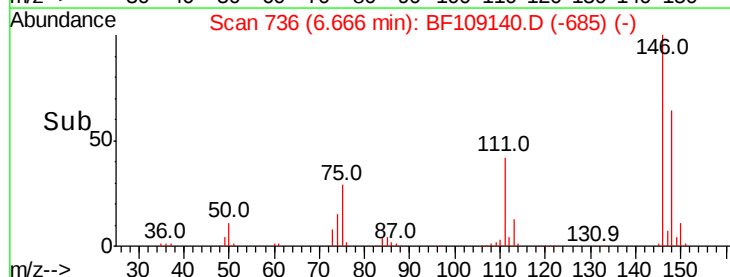
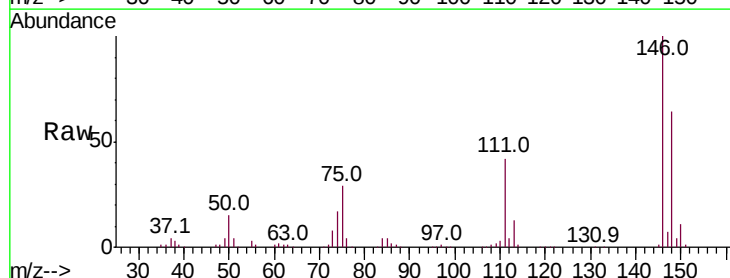
Manual Integrations  
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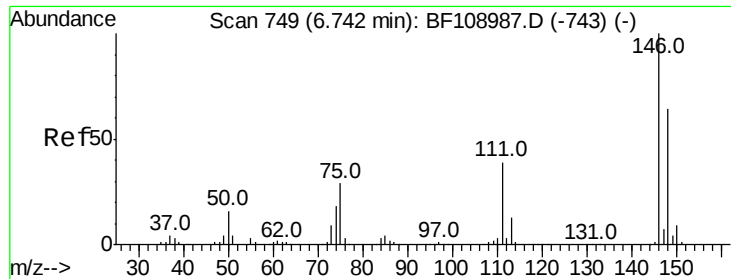
Sohil  
9/20/2018 10:06:27 AM



#12  
1,3-Dichlorobenzene  
Concen: 39.441 ng  
RT: 6.67 min Scan# 736  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 394142 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.3  | 51.8  | 77.8   |
| 75        | 29.4  | 24.2  | 36.4   |





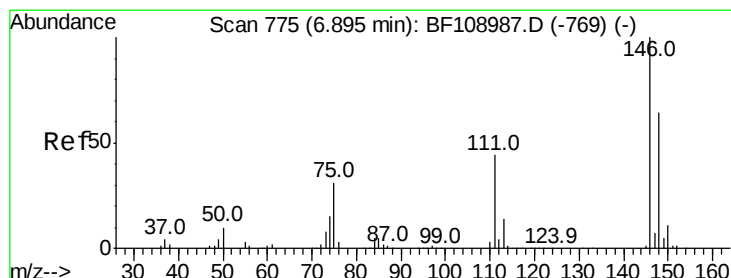
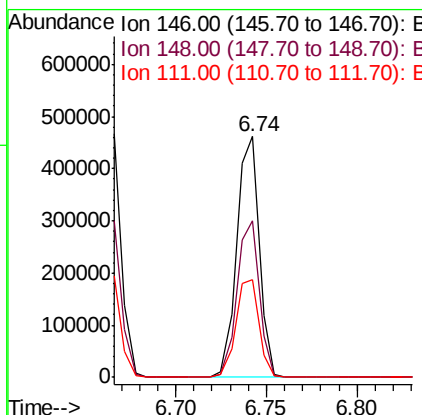
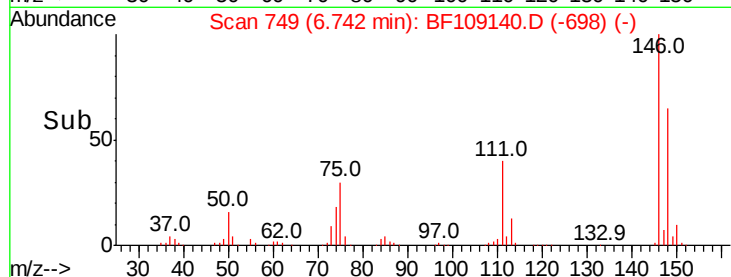
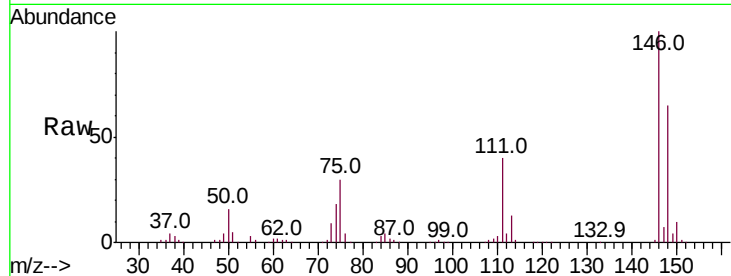
#13  
 1,4-Dichlorobenzene  
 Concen: 39.813 ng  
 RT: 6.74 min Scan# 749  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 50.8  | 76.2  |
| 111     | 40.5  | 34.2  | 51.2  |

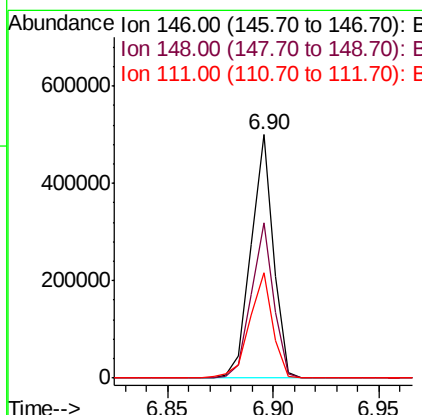
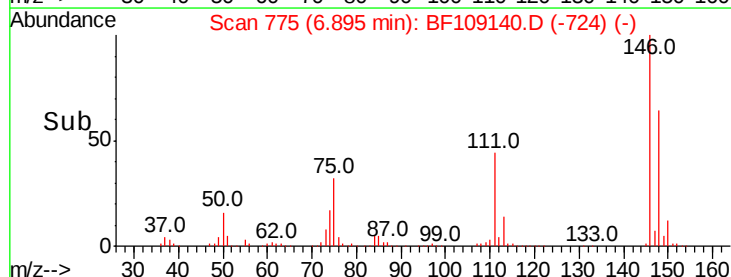
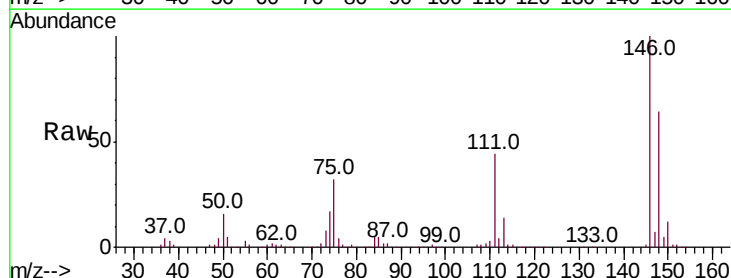
Manual Integrations  
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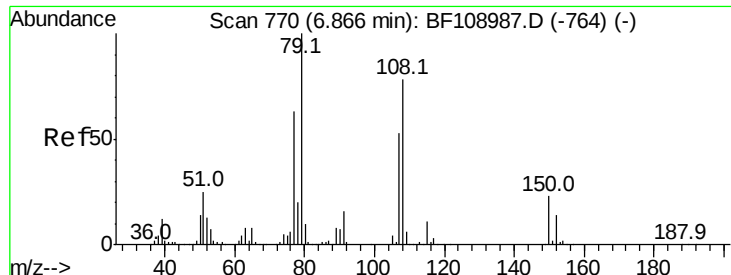
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.721 ng  
 RT: 6.90 min Scan# 775  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.6  | 75.8  |
| 111     | 43.5  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 40.492 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Instrument :

BNA\_F

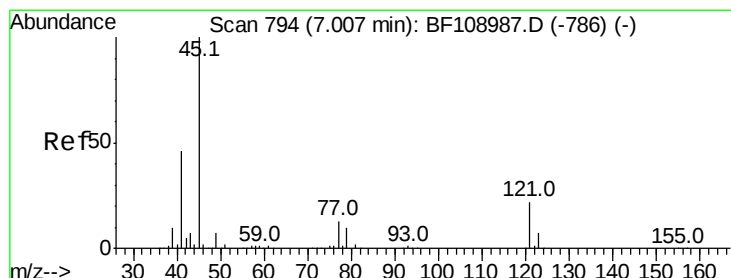
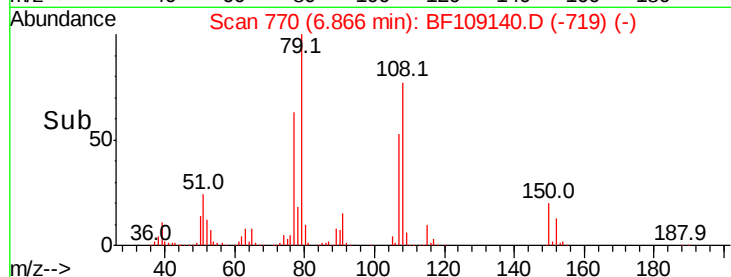
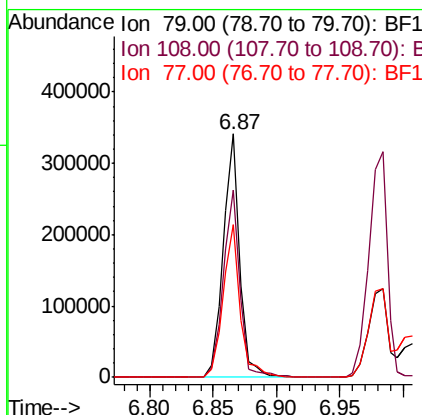
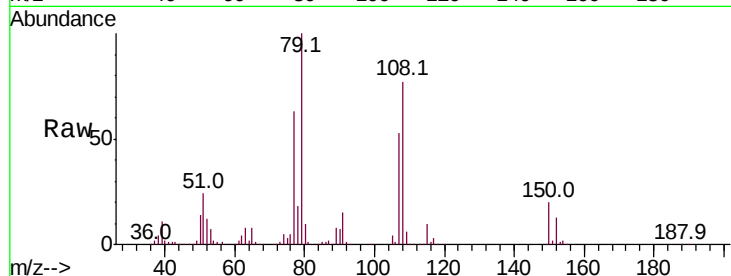
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 309517 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.0  | 65.1  | 97.7   |
| 77        | 63.0  | 50.6  | 75.8   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.199 ng

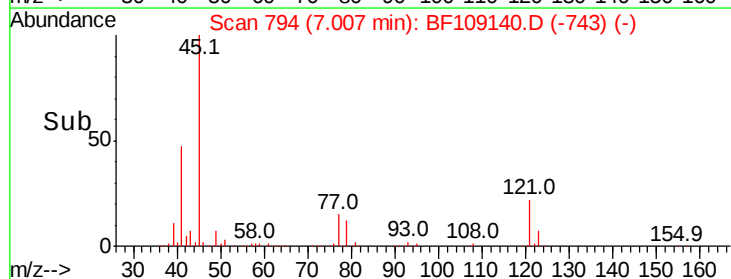
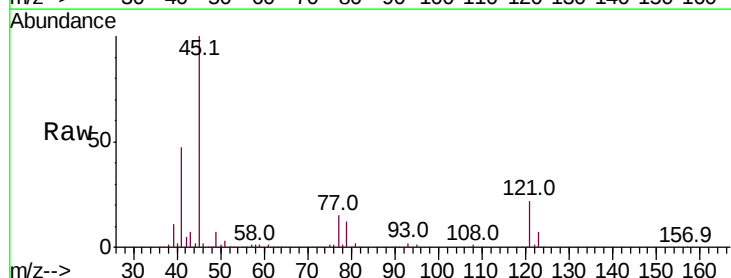
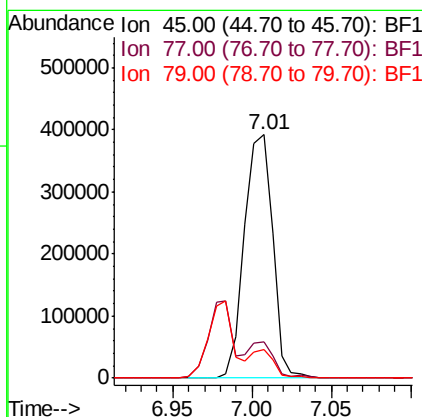
RT: 7.01 min Scan# 794

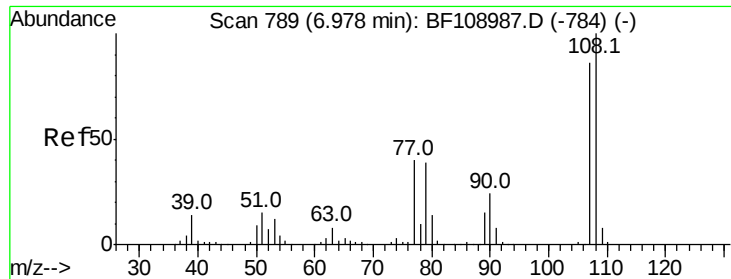
Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 487816 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.8  | 0.0   | 32.9   |
| 79        | 11.9  | 0.0   | 29.6   |





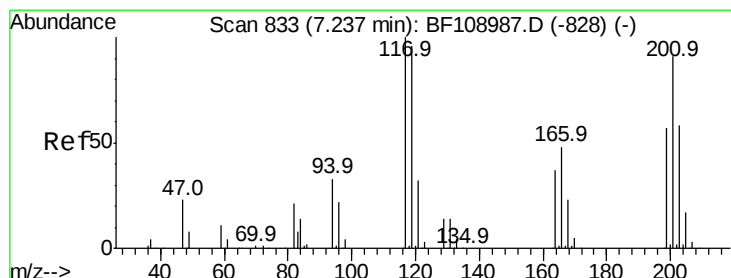
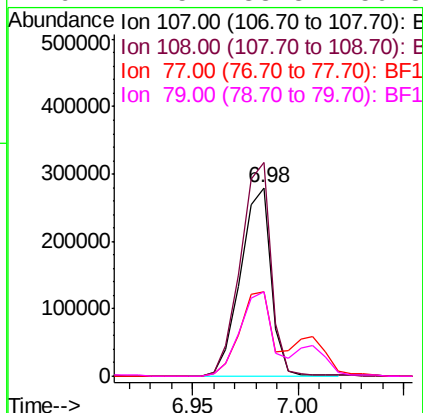
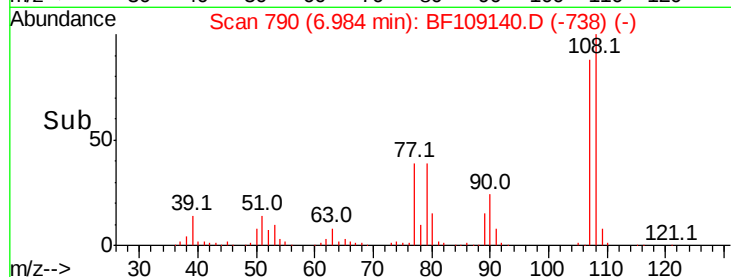
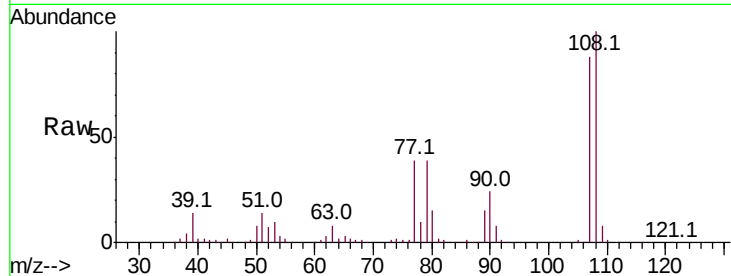
#17  
2-Methylphenol  
Concen: 39.269 ng  
RT: 6.98 min Scan# 790  
Delta R.T. 0.01 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.2 | 91.7 | 137.5 |       |
| 77      | 44.7  | 33.8 | 50.8  |       |
| 79      | 44.5  | 33.8 | 50.8  |       |

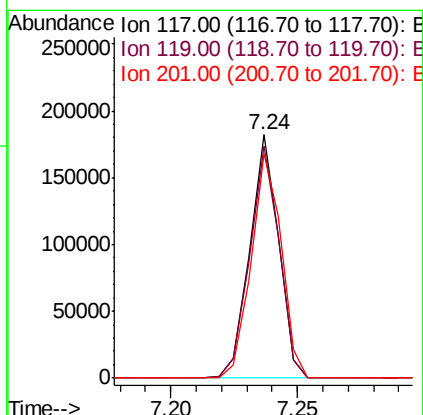
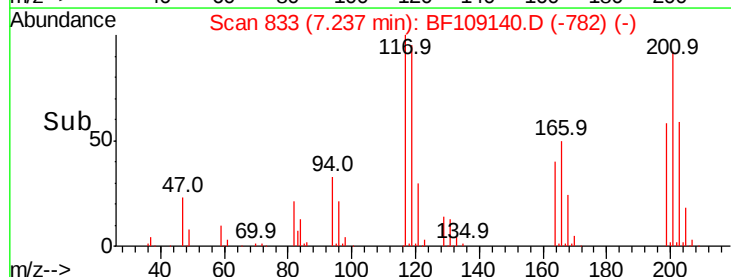
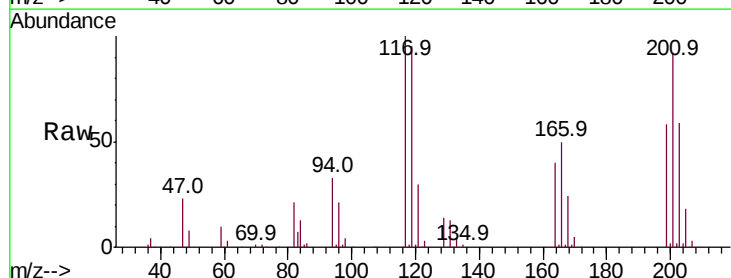
Manual Integrations  
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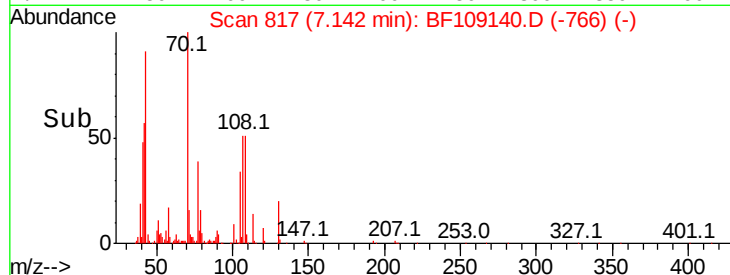
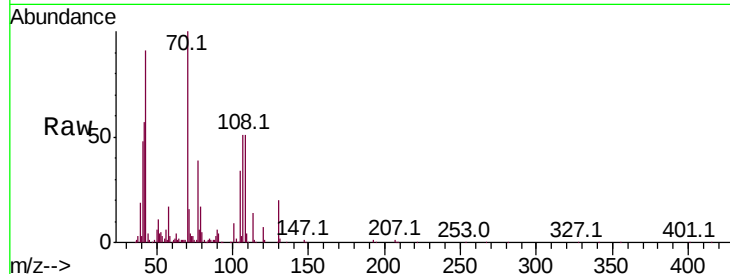
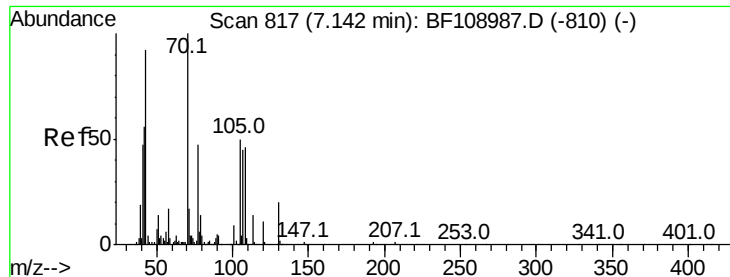
Sohil  
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#18  
Hexachloroethane  
Concen: 39.684 ng  
RT: 7.24 min Scan# 833  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.2  | 75.8 | 113.8 |       |
| 201     | 92.4  | 75.7 | 113.5 |       |





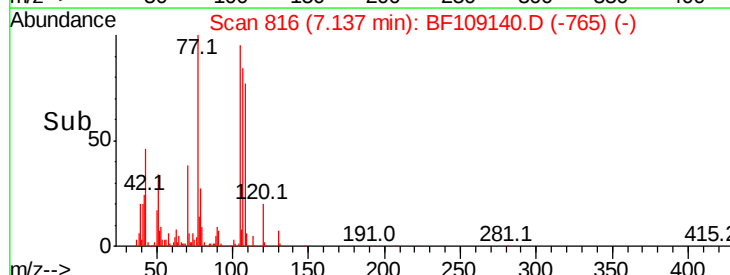
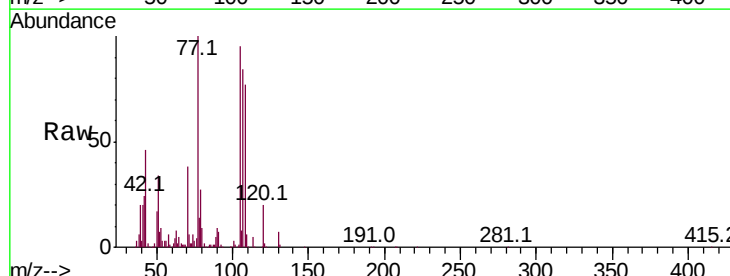
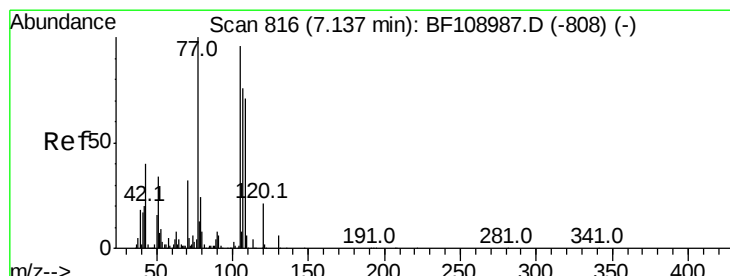
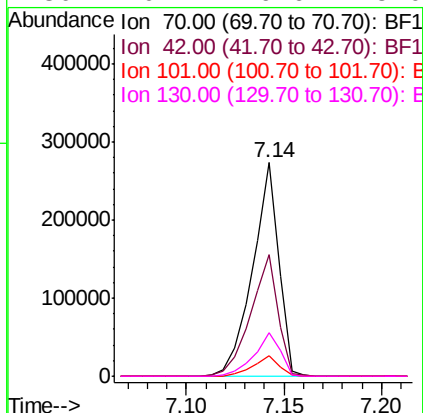
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.253 ng  
RT: 7.14 min Scan# 817  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 57.2  | 47.5  | 71.3  |
| 101     | 9.3   | 7.4   | 11.2  |
| 130     | 20.1  | 16.6  | 25.0  |

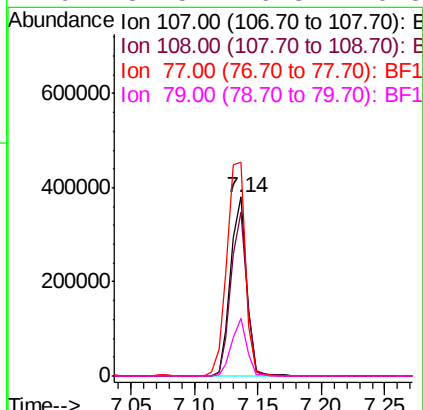
Manual Integrations  
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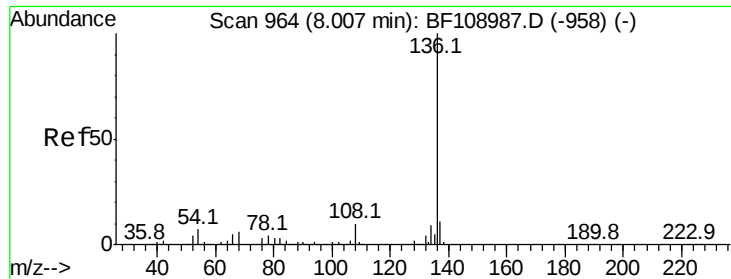
Sohil  
9/20/2018 10:06:27 AM



#20  
3+4-Methylphenols  
Concen: 38.876 ng  
RT: 7.14 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.5  | 68.2  | 108.2 |
| 77      | 119.6 | 26.7  | 66.7# |
| 79      | 32.5  | 6.3   | 46.3  |





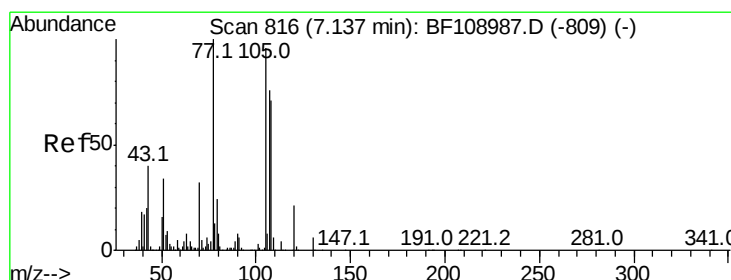
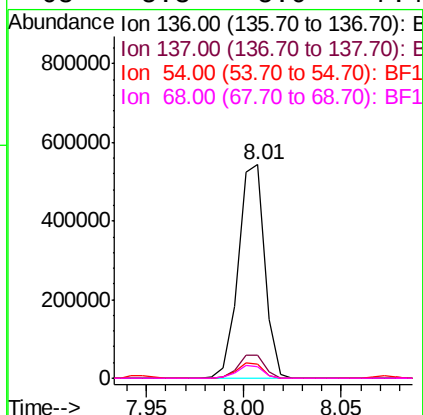
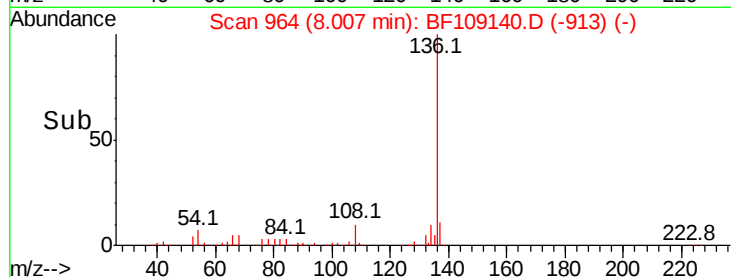
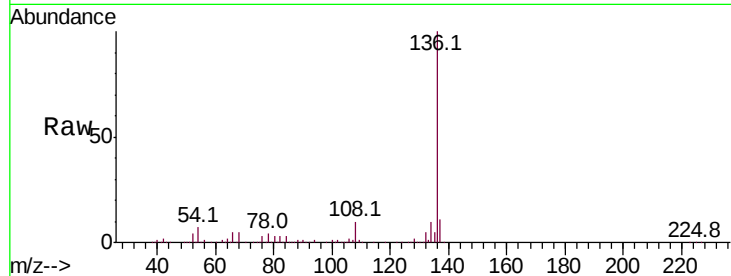
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.01 min Scan# 964  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.0  | 8.9  | 13.3  |       |
| 54      | 6.5   | 6.6  | 9.8#  |       |
| 68      | 5.3   | 5.0  | 7.4   |       |

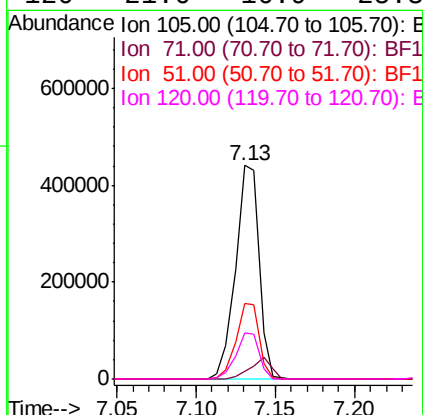
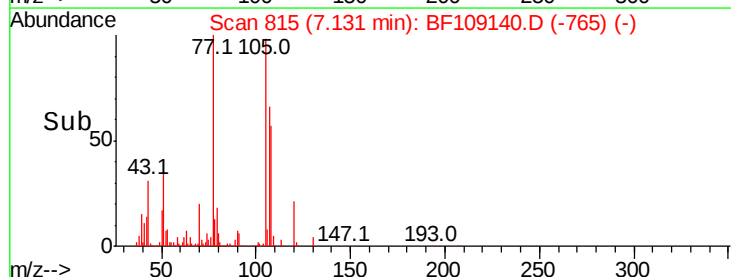
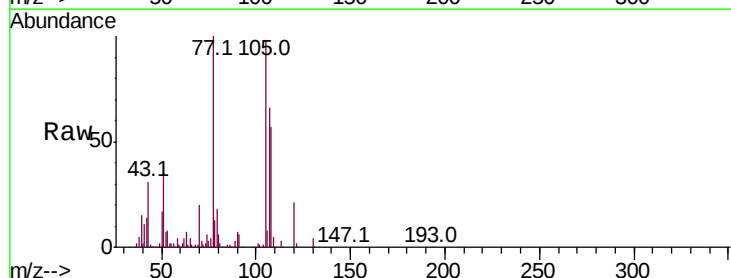
Manual Integrations  
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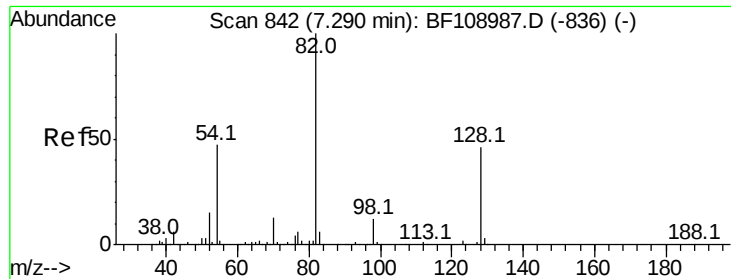
Sohil  
9/20/2018 10:06:27 AM



#22  
Acetophenone  
Concen: 39.080 ng  
RT: 7.13 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 3.4   | 4.4  | 6.6#  |       |
| 51      | 35.6  | 22.3 | 33.5# |       |
| 120     | 21.6  | 16.9 | 25.3  |       |





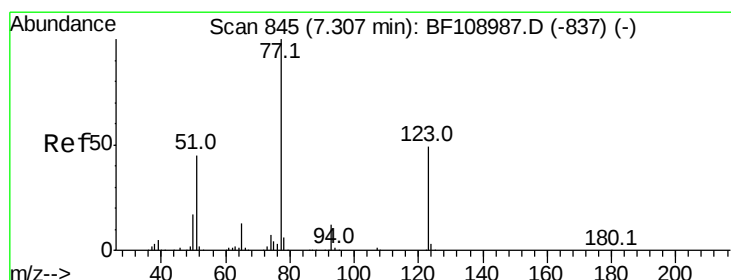
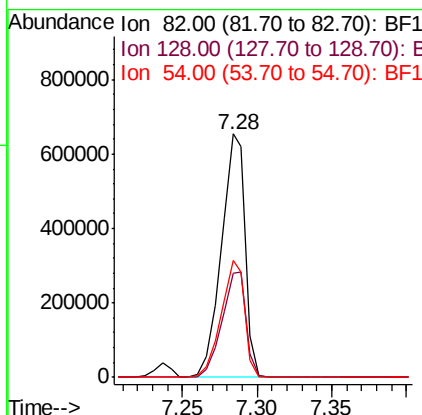
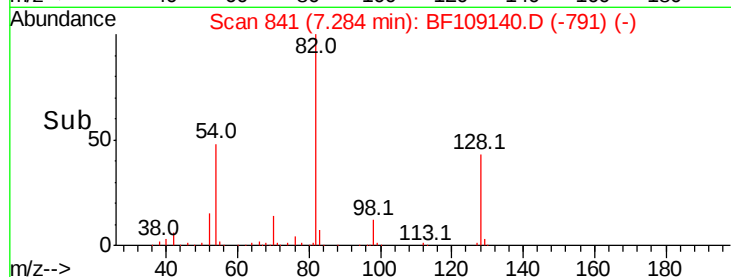
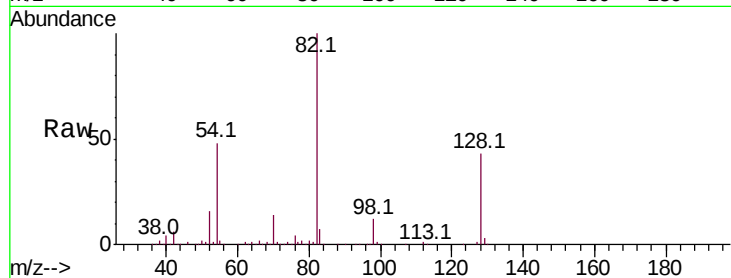
#23  
Nitrobenzene-d5  
Concen: 80.572 ng  
RT: 7.28 min Scan# 841  
Delta R.T. -0.01 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.9  | 36.1  | 54.1  |
| 54      | 48.2  | 41.4  | 62.2  |

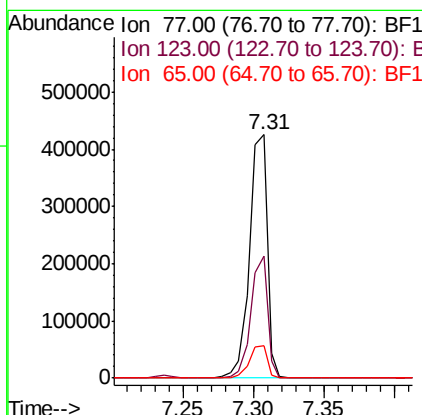
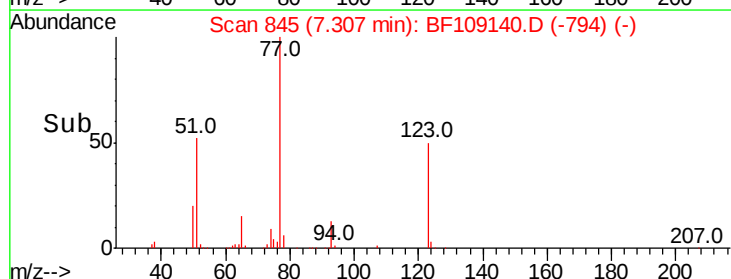
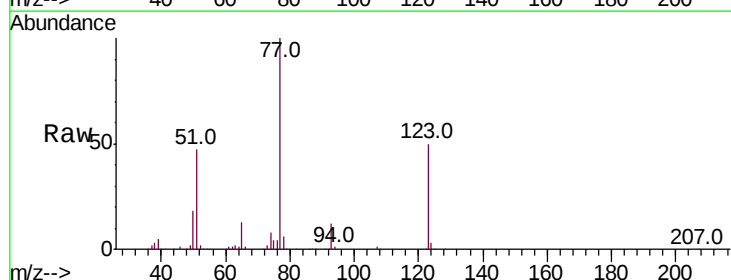
Manual Integrations  
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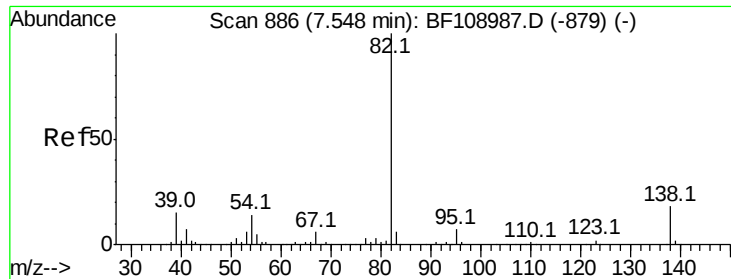
Sohil  
9/20/2018 10:06:27 AM



#24  
Nitrobenzene  
Concen: 40.225 ng  
RT: 7.31 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.2  | 37.9  | 56.9  |
| 65      | 13.1  | 11.0  | 16.4  |





#25

Isophorone

Concen: 38.500 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Instrument :

BNA\_F

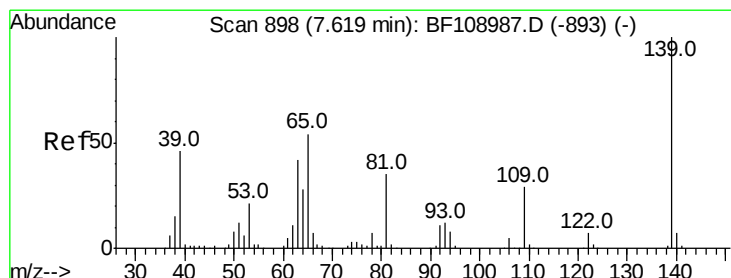
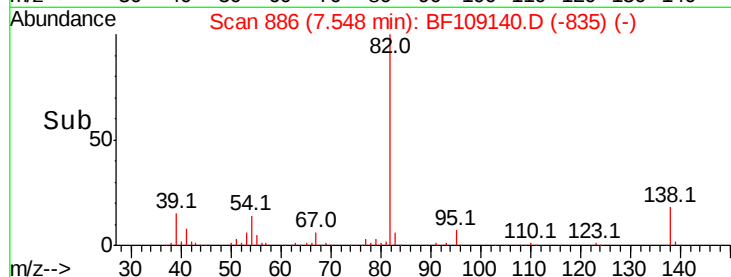
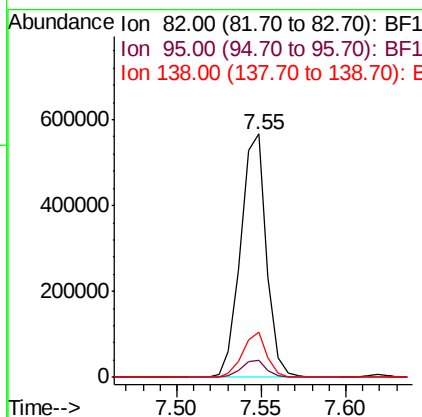
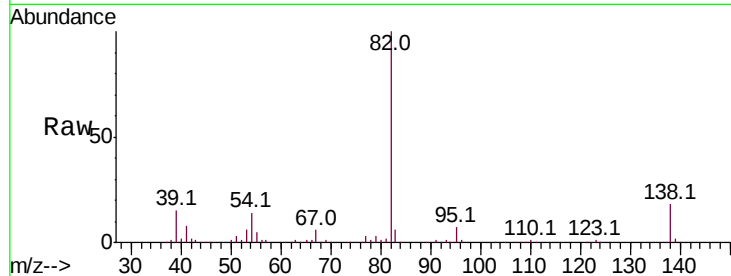
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 602349 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.2   | 7.8    |
| 138       | 18.3  | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 41.703 ng

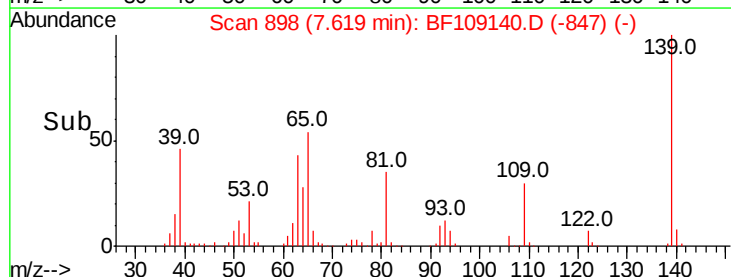
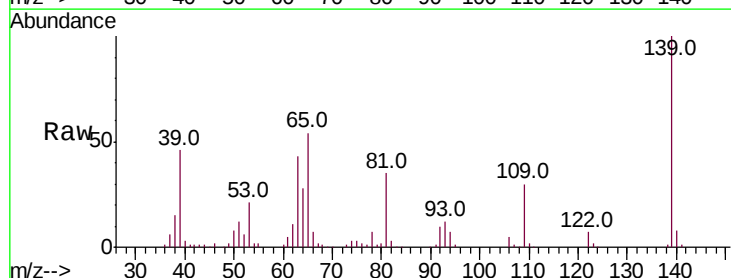
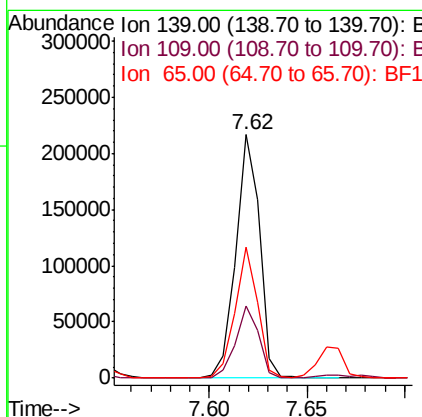
RT: 7.62 min Scan# 898

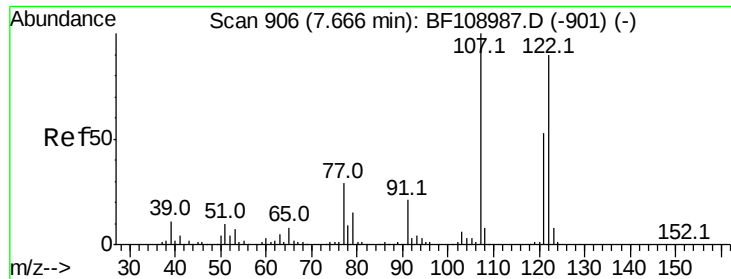
Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 182732 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 29.8  | 22.7  | 34.1   |
| 65        | 54.0  | 40.5  | 60.7   |





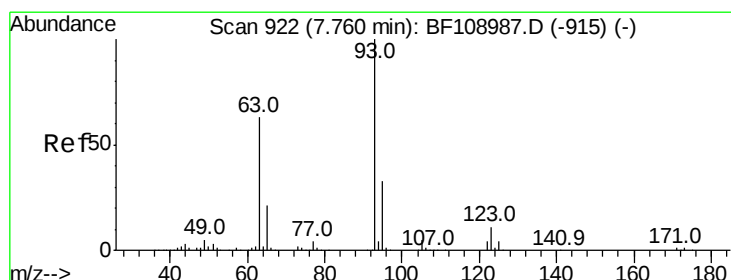
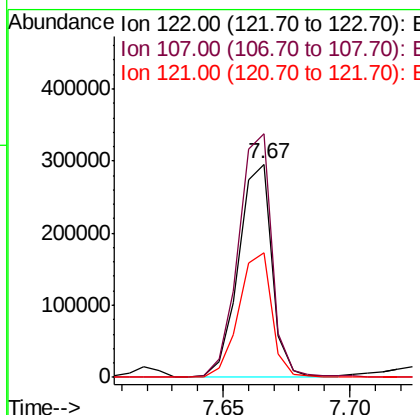
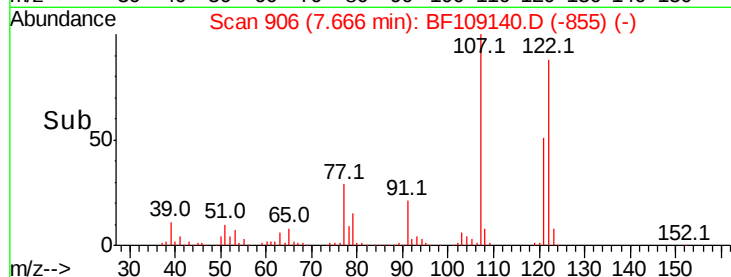
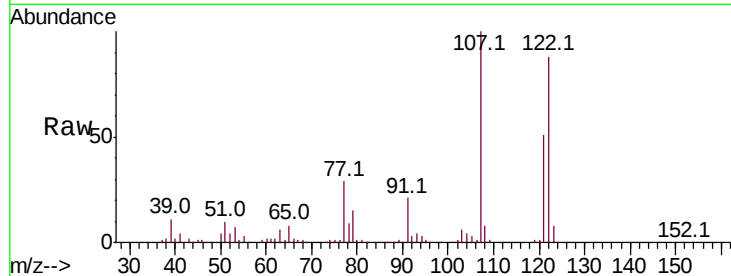
#27  
2,4-Dimethylphenol  
Concen: 39.656 ng  
RT: 7.67 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 272565 |       |       |
| 107     | 114.0 |        | 91.2  | 136.8 |
| 121     | 58.3  |        | 47.2  | 70.8  |

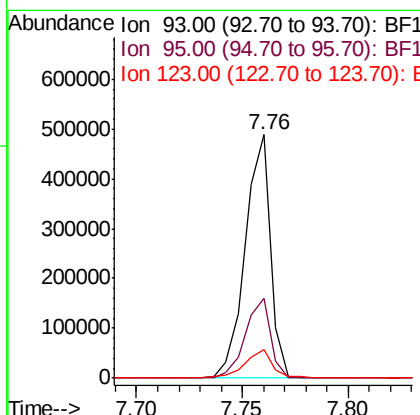
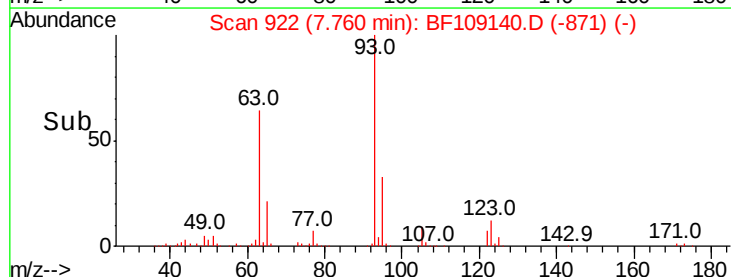
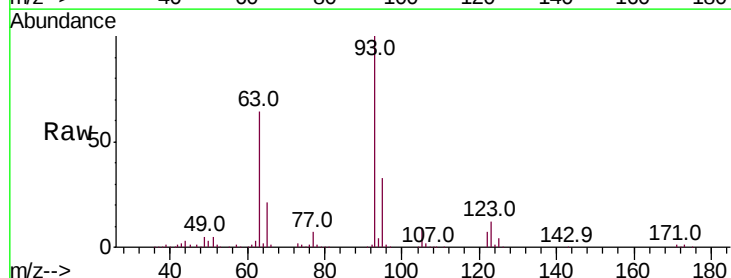
Manual Integrations  
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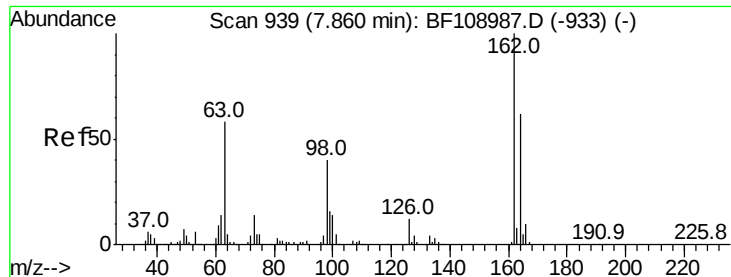
Sohil  
9/20/2018 10:06:27 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.708 ng  
RT: 7.76 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 407534 |       |       |
| 95      | 32.7  |        | 26.3  | 39.5  |
| 123     | 11.7  |        | 9.8   | 14.6  |





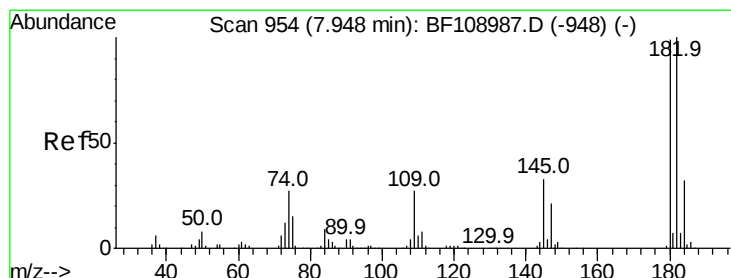
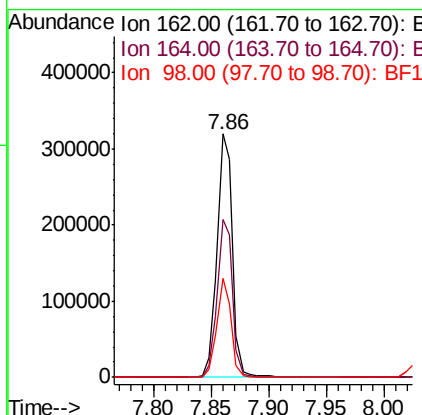
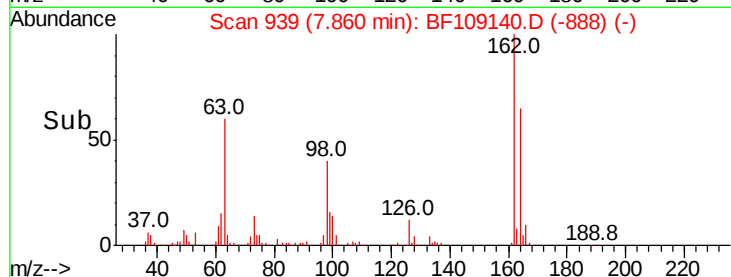
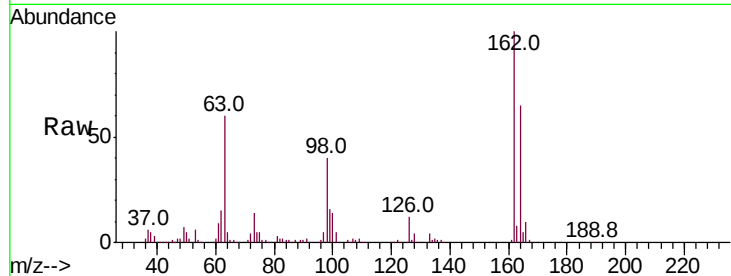
#29  
 2,4-Dichlorophenol  
 Concen: 40.278 ng  
 RT: 7.86 min Scan# 939  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.8  | 42.7  | 82.7  |
| 98      | 40.4  | 18.1  | 58.1  |

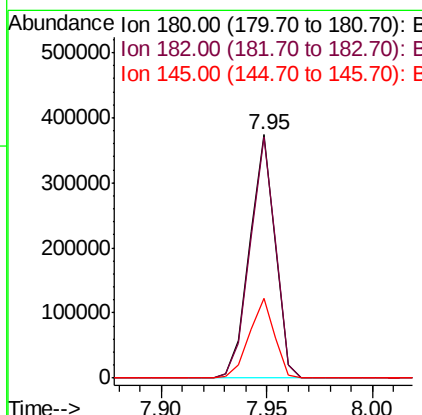
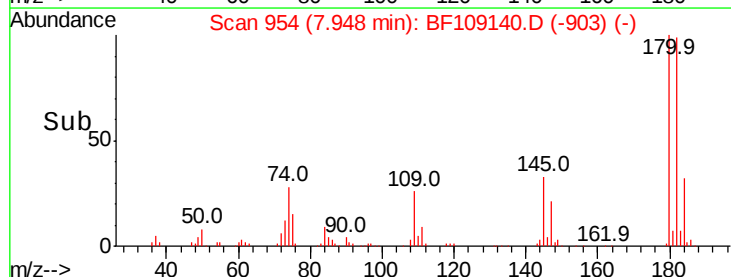
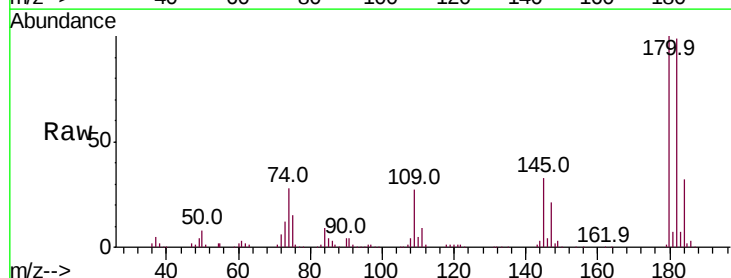
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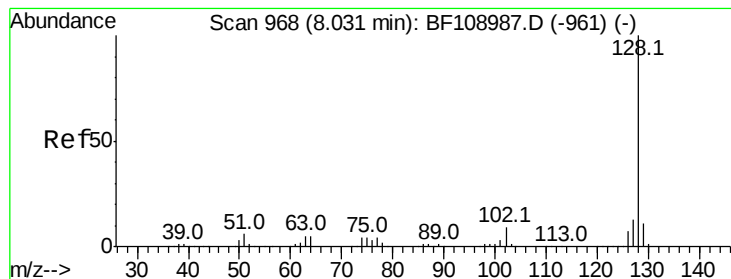
Sohil  
 9/20/2018 10:06:27 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.798 ng  
 RT: 7.95 min Scan# 954  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.2  | 76.8  | 115.2 |
| 145     | 32.8  | 26.5  | 39.7  |





#31

Naphthalene

Concen: 39.692 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Instrument :

BNA\_F

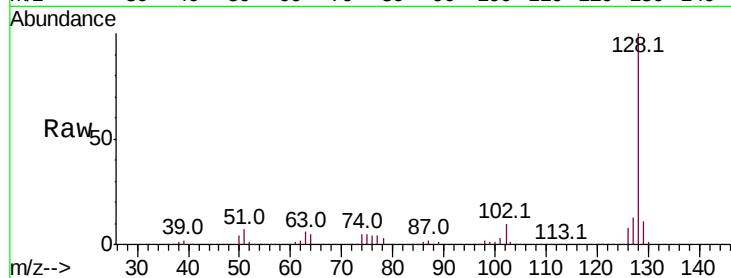
ClientSampleId :

SSTDCCC040

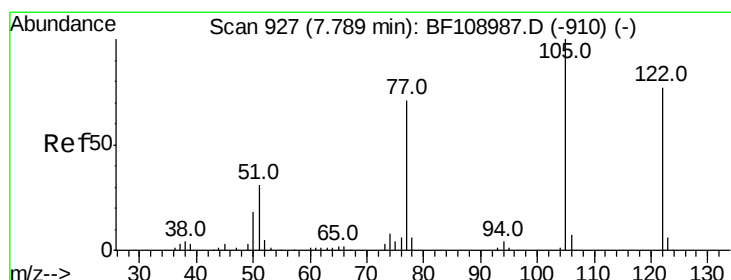
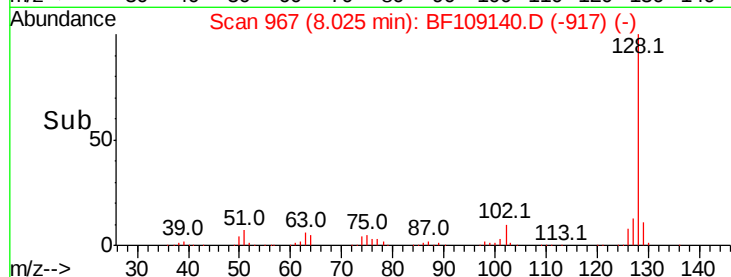
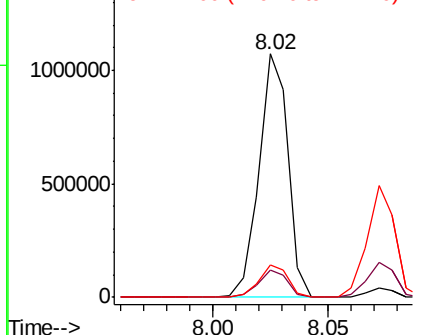
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 940447 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.5  | 8.8   | 13.2   |
| 127       | 13.1  | 10.9  | 16.3   |

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



#32

Benzoic acid

Concen: 39.725 ng m

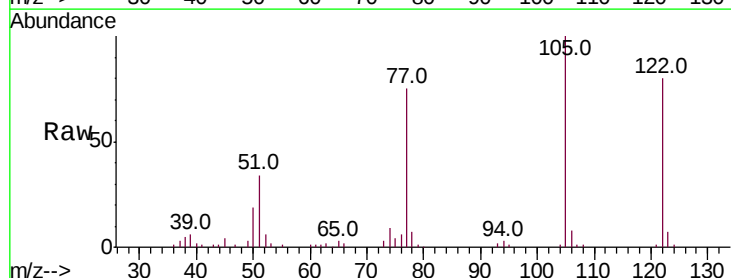
RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

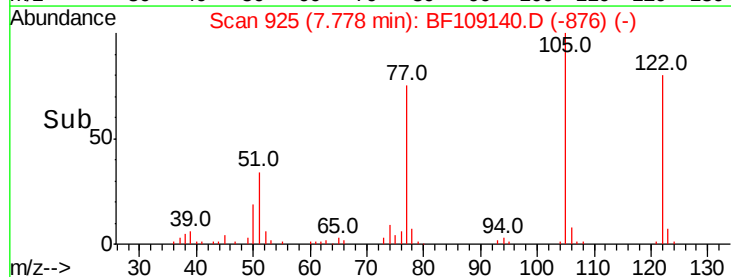
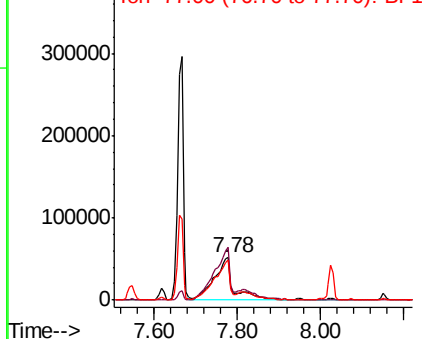
Lab File: BF109140.D

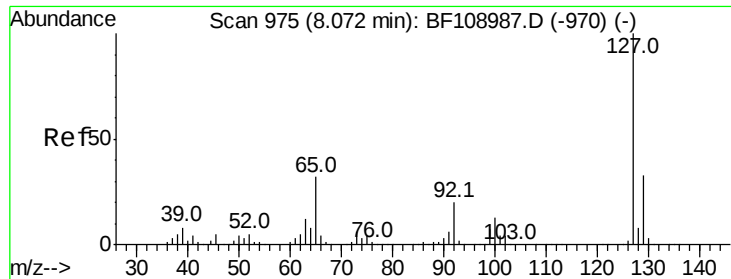
Acq: 19 Sep 2018 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 178411 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 125.4 | 101.1 | 141.1  |
| 77        | 93.6  | 70.7  | 110.7  |



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





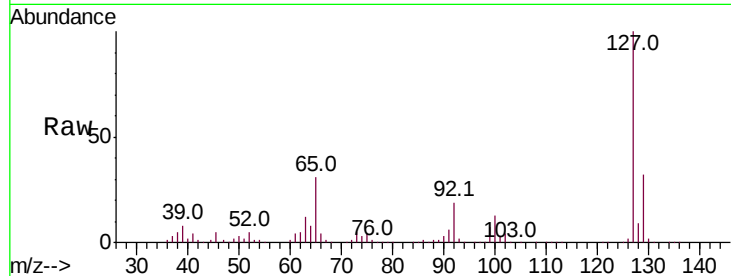
#33  
4-Chloroaniline  
Concen: 39.577 ng  
RT: 8.07 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

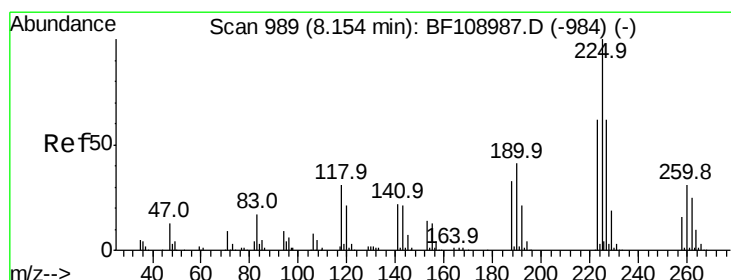
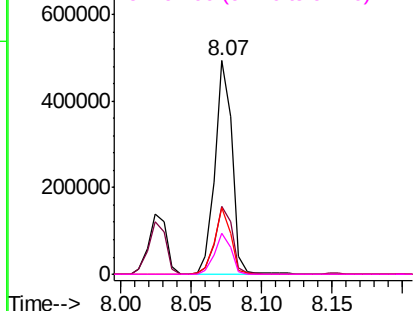
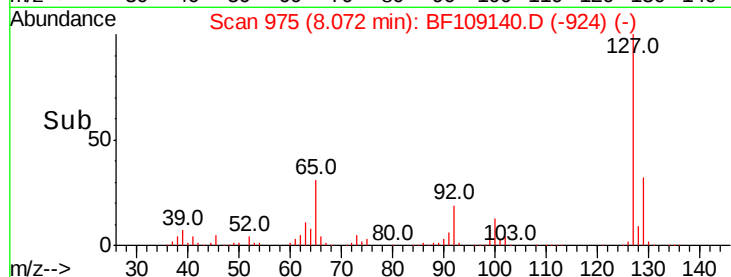
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.6  | 25.9  | 38.9  |
| 65      | 31.0  | 25.0  | 37.4  |
| 92      | 19.5  | 15.2  | 22.8  |

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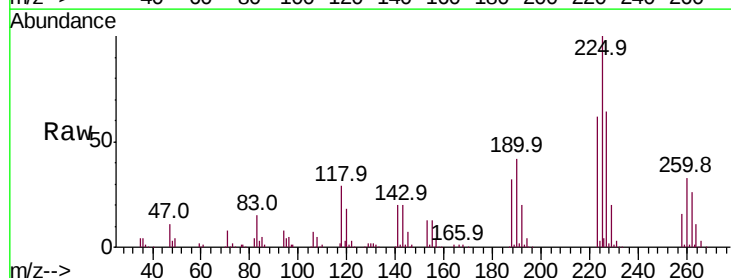


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

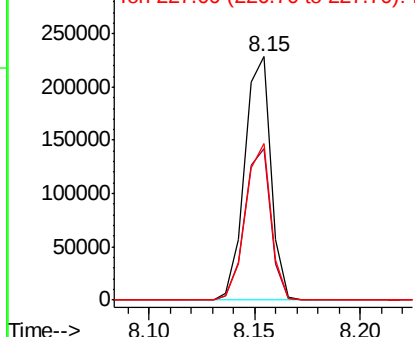
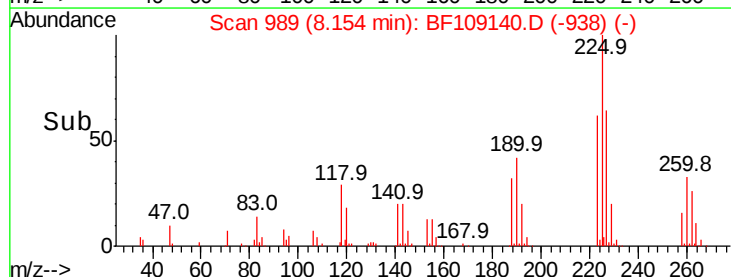


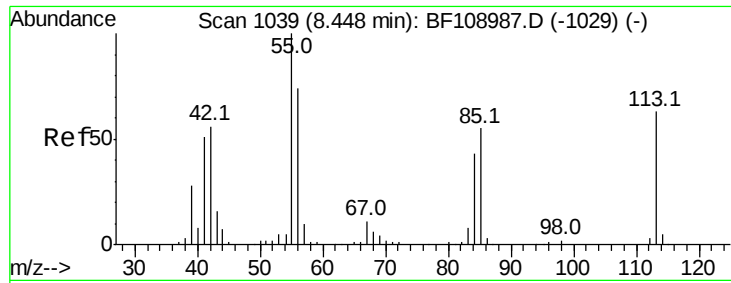
#34  
Hexachlorobutadiene  
Concen: 40.672 ng  
RT: 8.15 min Scan# 989  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.1  | 50.6  | 76.0  |
| 227     | 64.3  | 51.9  | 77.9  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





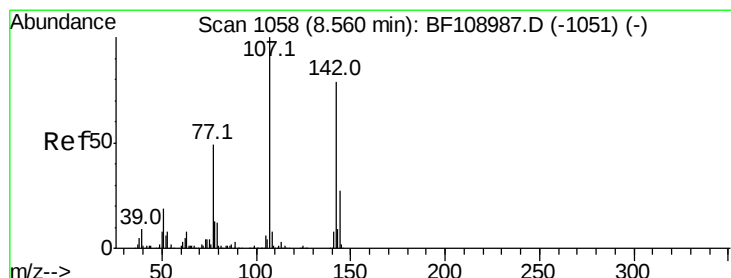
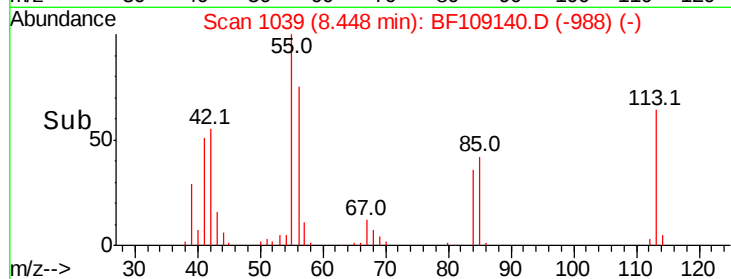
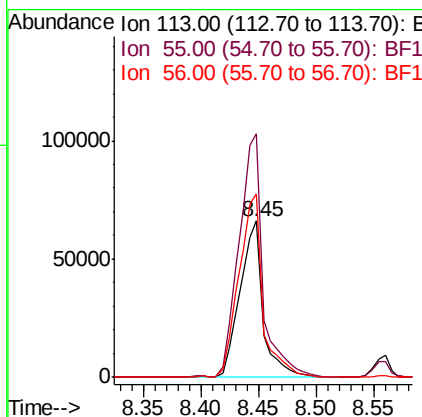
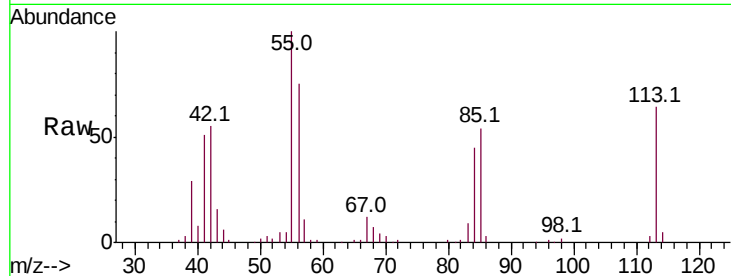
#35  
 Caprolactam  
 Concen: 38.437 ng  
 RT: 8.45 min Scan# 1039  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 155.5 | 163.3 | 203.3# |
| 56      | 117.4 | 115.7 | 155.7  |

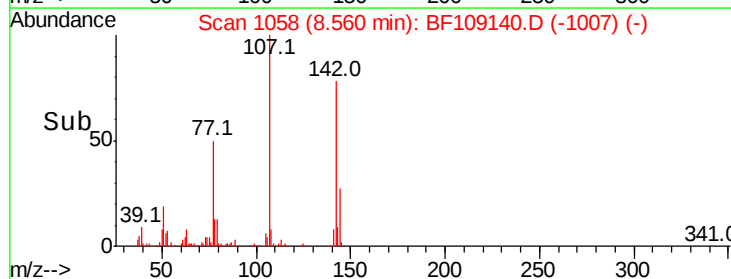
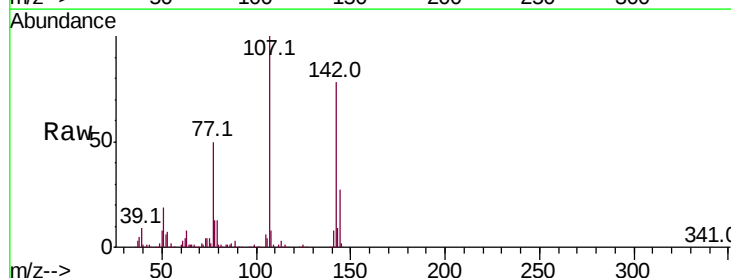
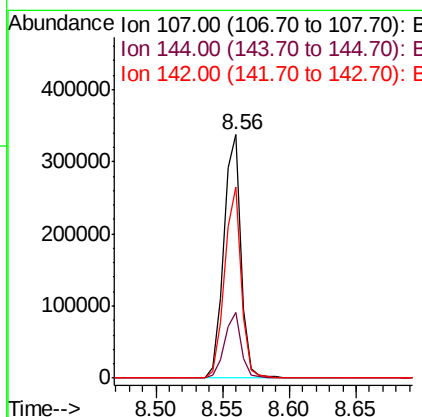
Manual Integrations  
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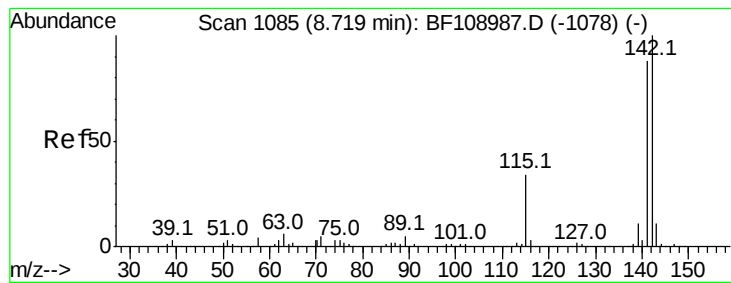
Sohil  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 40.173 ng  
 RT: 8.56 min Scan# 1058  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.7  | 20.5  | 30.7  |
| 142     | 78.3  | 62.0  | 93.0  |





#37

2-Methylnaphthalene

Concen: 39.082 ng

RT: 8.72 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Instrument :

BNA\_F

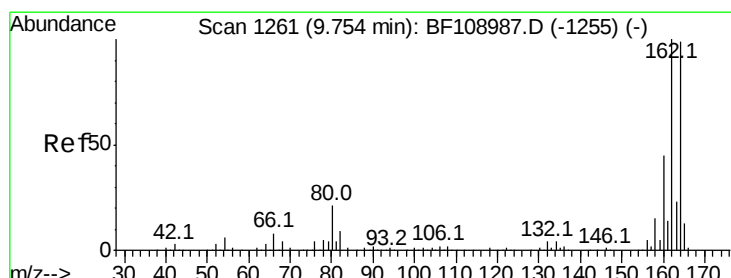
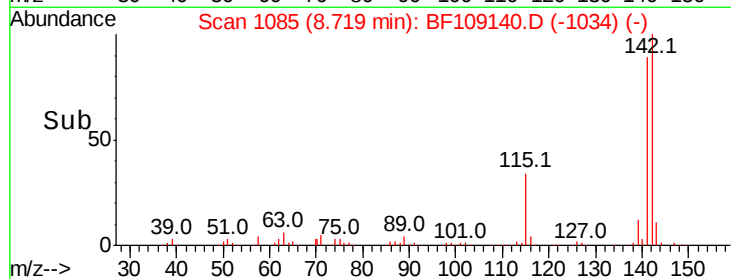
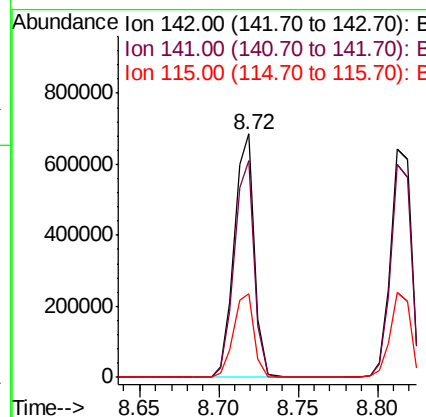
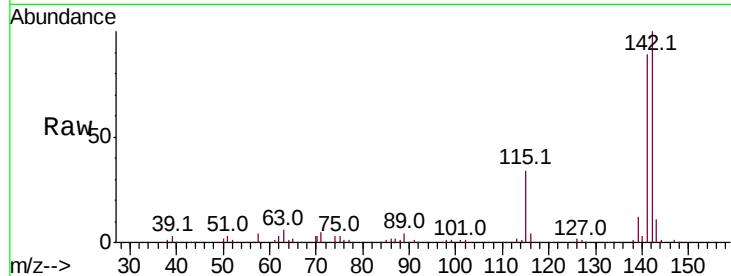
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 603622 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.9  | 70.8  | 106.2  |
| 115       | 34.2  | 26.1  | 39.1   |

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#38

Acenaphthene-d10

Concen: 20.000 ng

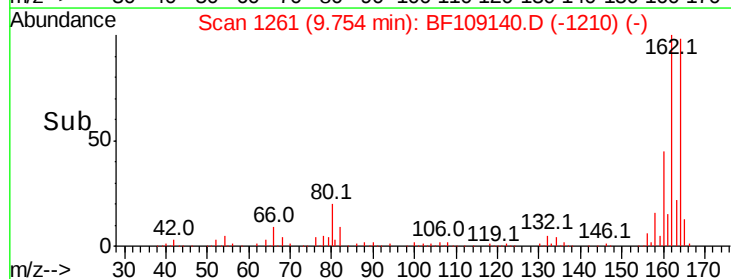
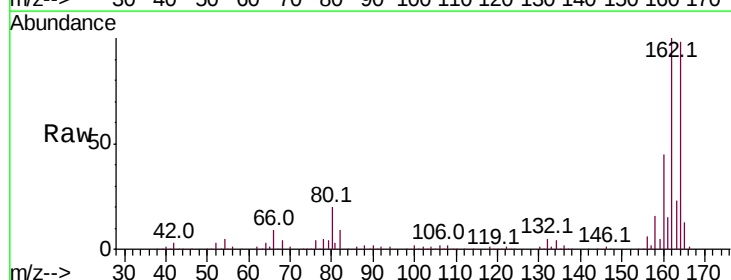
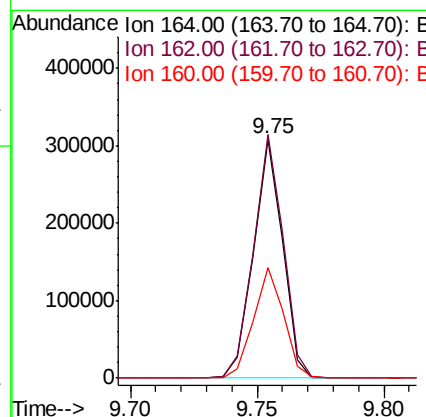
RT: 9.75 min Scan# 1261

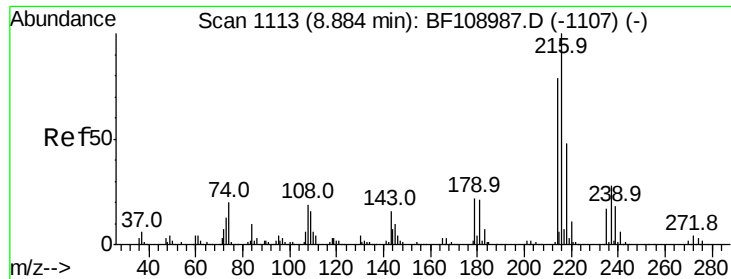
Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 246569 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.9 | 86.1  | 129.1  |
| 160       | 46.2  | 38.3  | 57.5   |





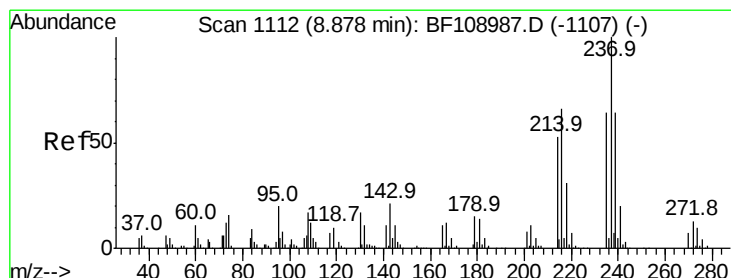
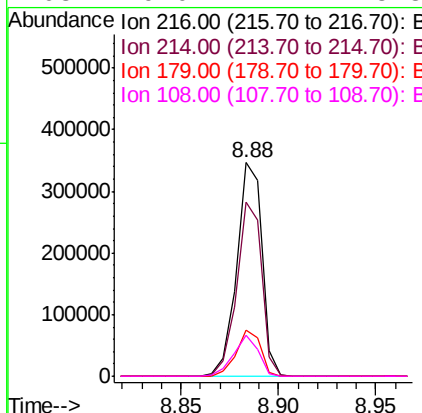
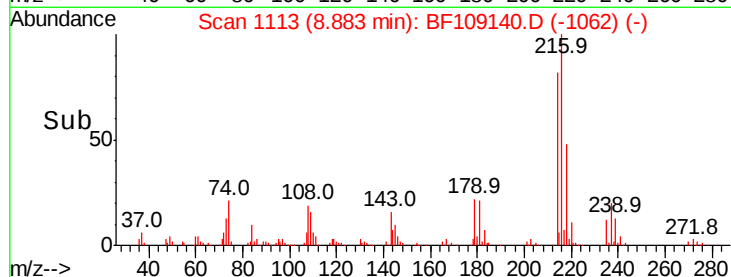
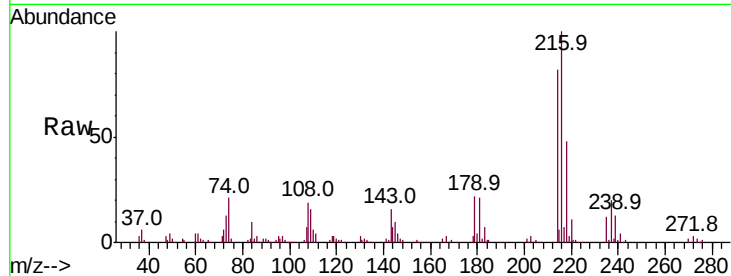
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.958 ng  
 RT: 8.88 min Scan# 1113  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 80.8  | 63.0 | 94.4  |       |
| 179     | 20.9  | 18.1 | 27.1  |       |
| 108     | 19.0  | 17.2 | 25.8  |       |

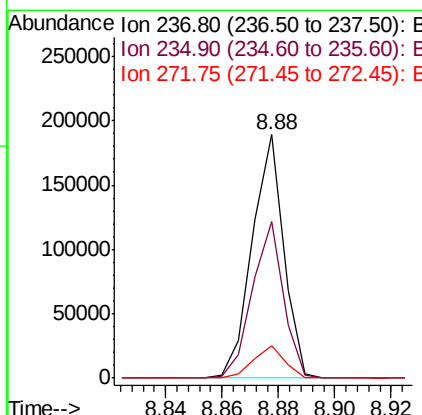
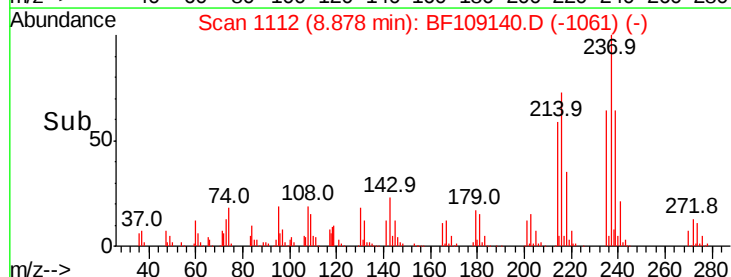
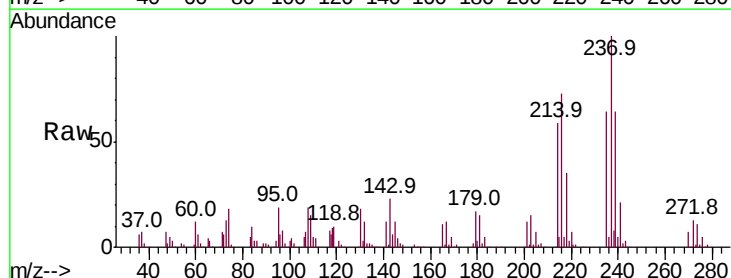
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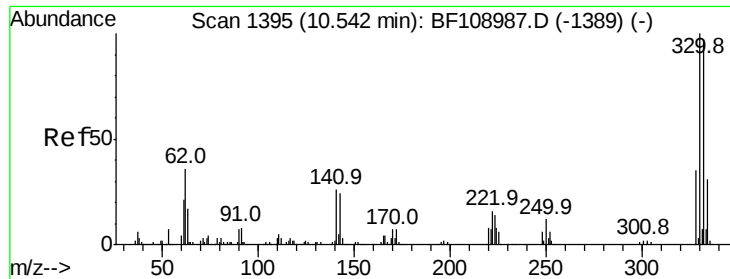
Sohil  
 9/20/2018 10:06:27 AM



#40  
 Hexachlorocyclopentadiene  
 Concen: 37.467 ng  
 RT: 8.88 min Scan# 1112  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

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





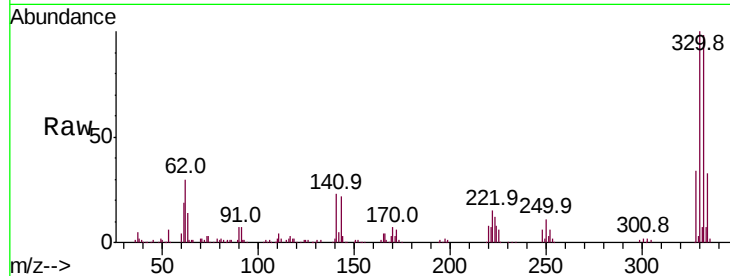
#41  
 2,4,6-Tribromophenol  
 Concen: 82.058 ng  
 RT: 10.54 min Scan# 1395  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

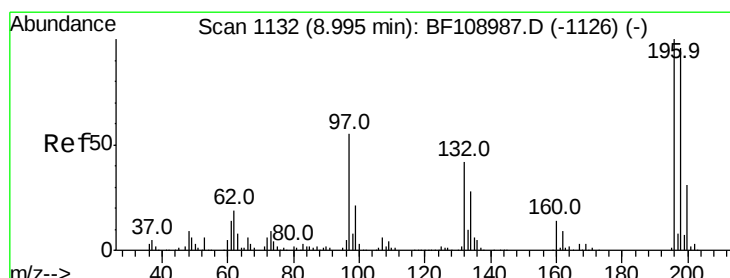
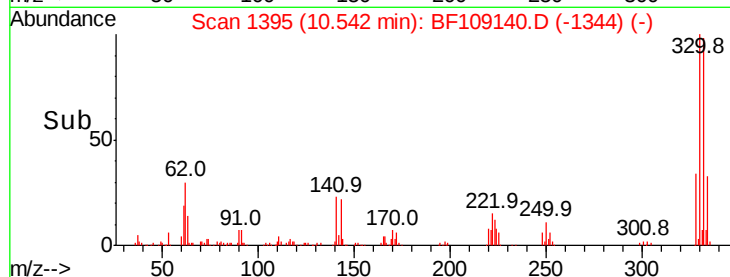
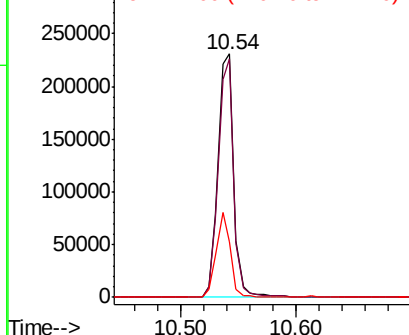
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 219582 |       |       |
| 332     | 95.9  | 77.0   | 115.6 |       |
| 141     | 31.1  | 29.9   | 44.9  |       |

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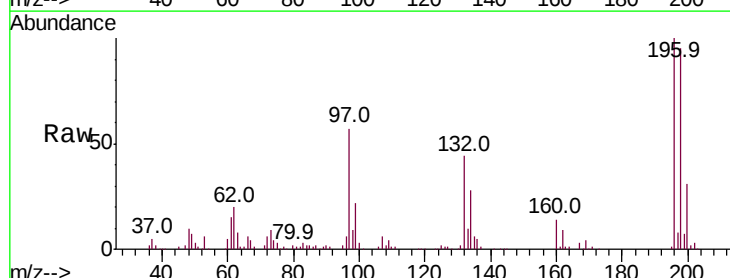


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

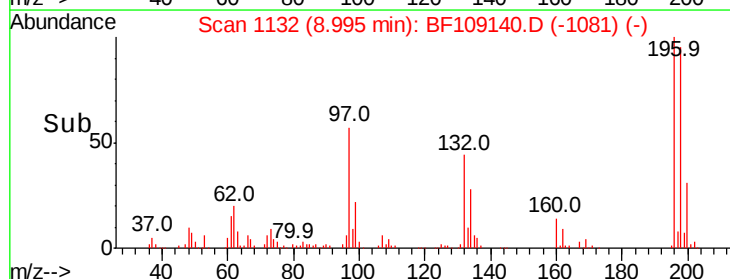
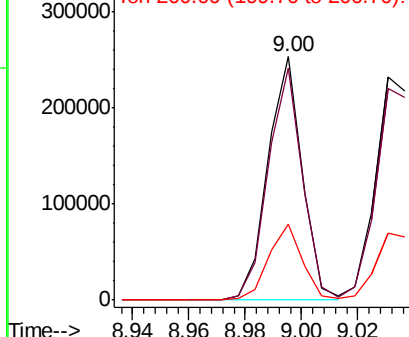


#42  
 2,4,6-Trichlorophenol  
 Concen: 40.745 ng  
 RT: 9.00 min Scan# 1132  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 212535 |       |       |
| 198     | 95.4  | 75.7   | 113.5 |       |
| 200     | 31.3  | 24.5   | 36.7  |       |



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





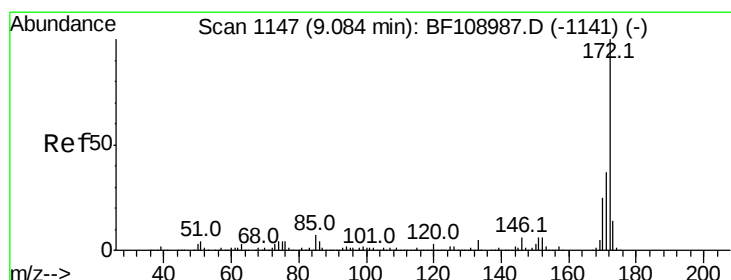
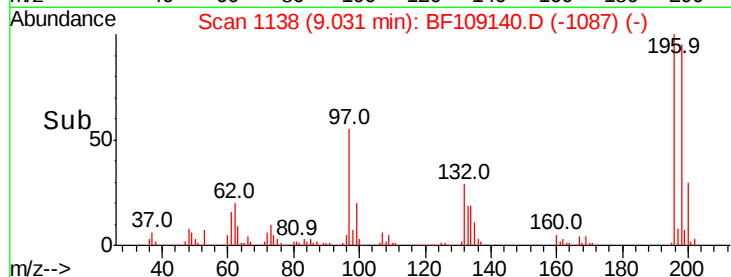
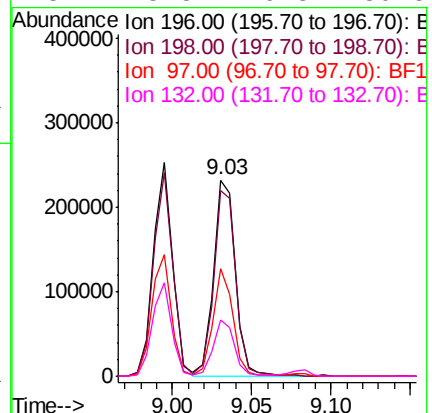
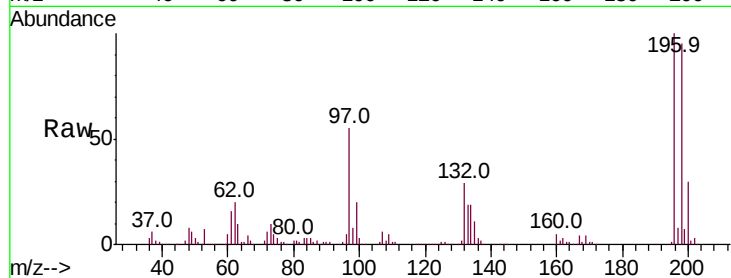
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.811 ng  
 RT: 9.03 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 222463 |       |       |
| 198     | 94.9  | 74.6   | 112.0 |       |
| 97      | 54.8  | 42.9   | 64.3  |       |
| 132     | 28.8  | 26.3   | 39.5  |       |

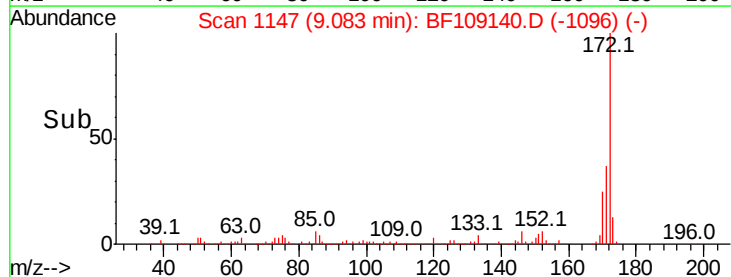
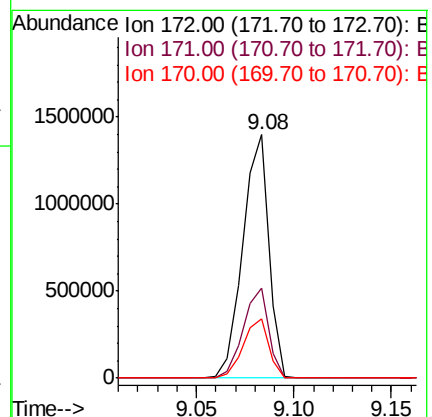
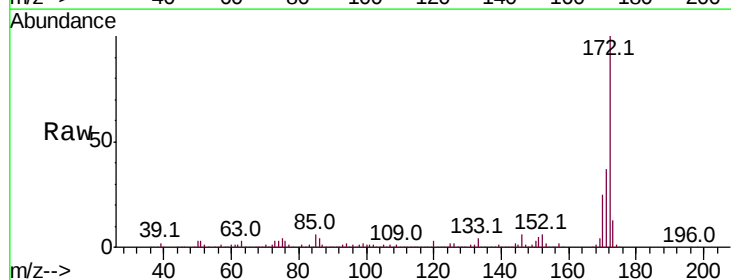
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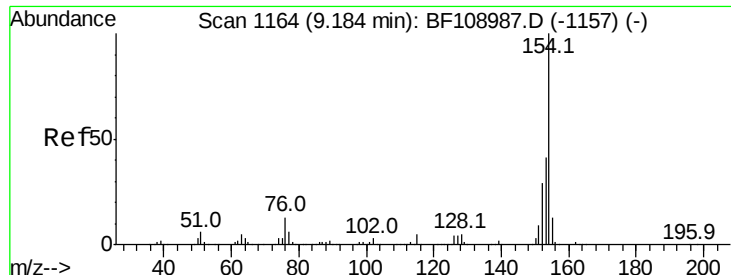
Sohil  
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#44  
 2-Fluorobiphenyl  
 Concen: 82.219 ng  
 RT: 9.08 min Scan# 1147  
 Delta R.T. 0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1293949 |       |       |
| 171     | 36.7  | 29.7    | 44.5  |       |
| 170     | 24.6  | 19.6    | 29.4  |       |





#45

1,1'-Biphenyl

Concen: 39.905 ng

RT: 9.18 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Instrument :

BNA\_F

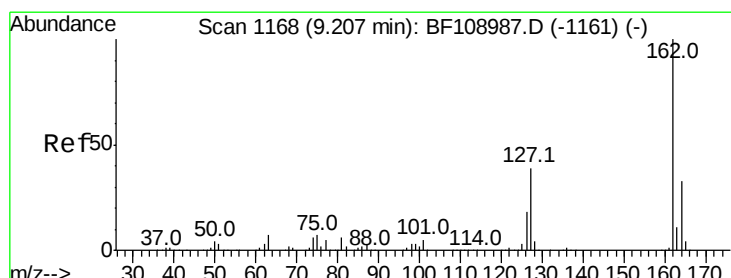
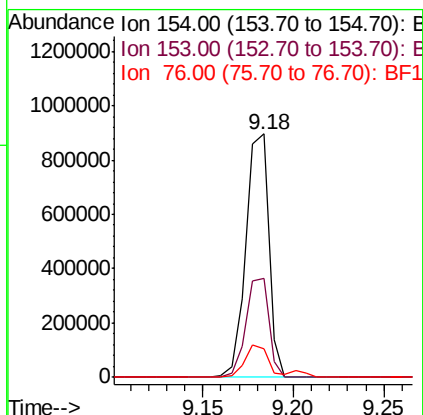
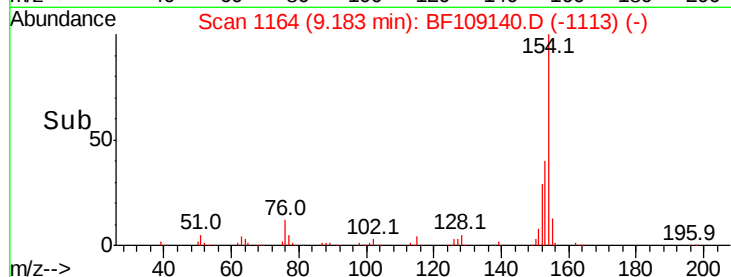
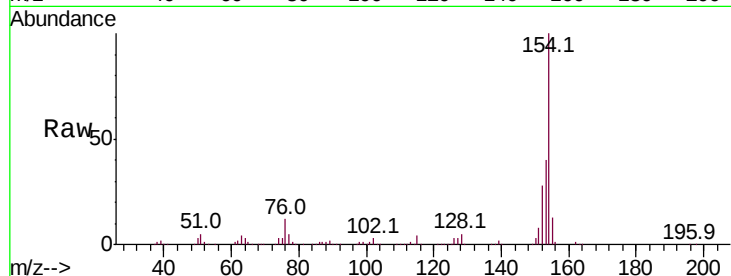
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 787184 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.5  | 21.3  | 61.3   |
| 76        | 11.6  | 0.0   | 34.0   |

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#46

2-Chloronaphthalene

Concen: 39.924 ng

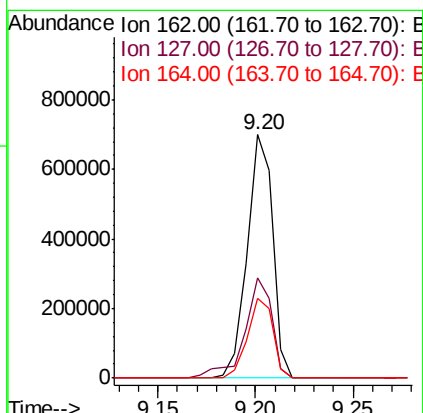
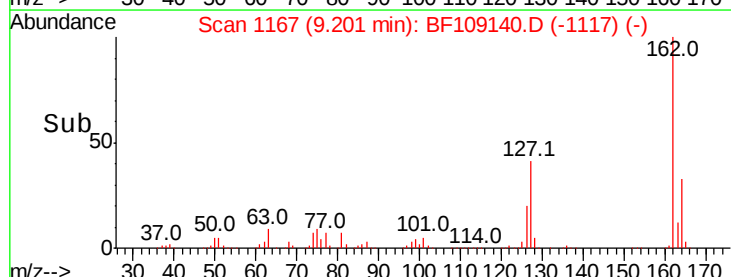
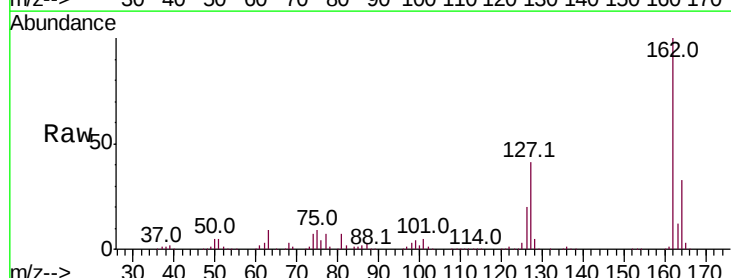
RT: 9.20 min Scan# 1167

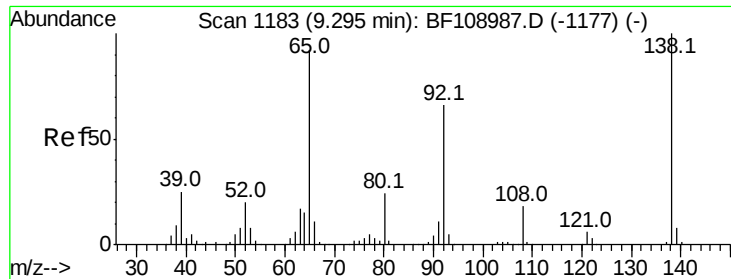
Delta R.T. -0.01 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 630720 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.3  | 33.9  | 50.9   |
| 164       | 32.6  | 26.5  | 39.7   |





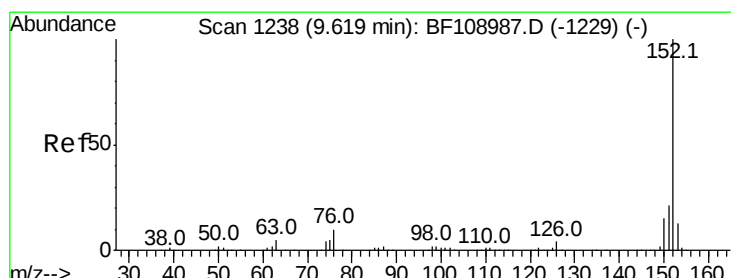
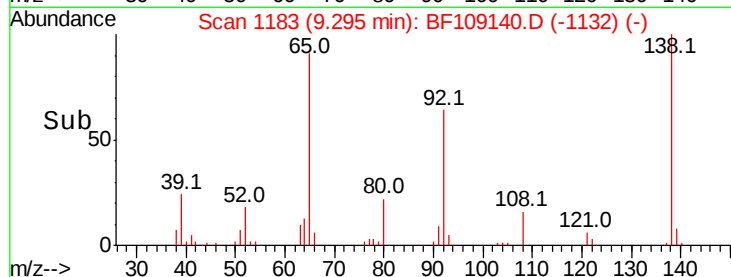
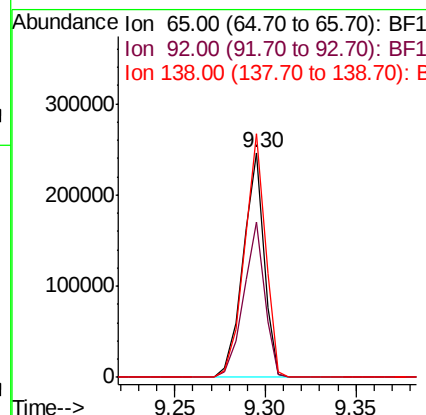
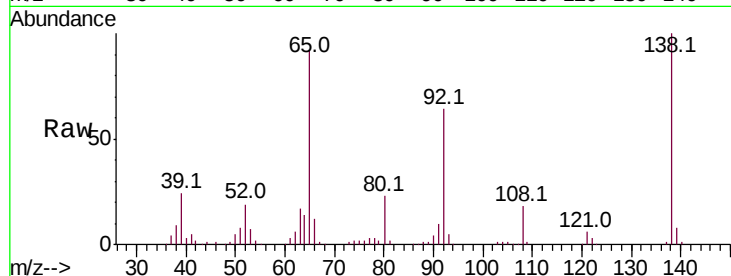
#47  
2-Nitroaniline  
Concen: 40.895 ng  
RT: 9.30 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 198617 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 69.0  | 55.8  | 83.6   |
| 138       | 108.4 | 91.2  | 136.8  |

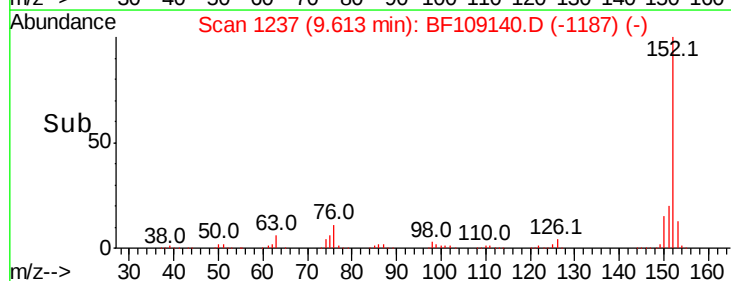
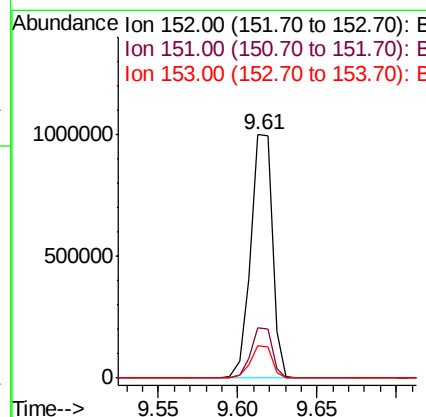
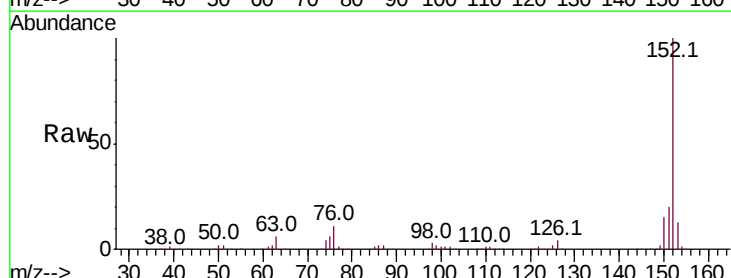
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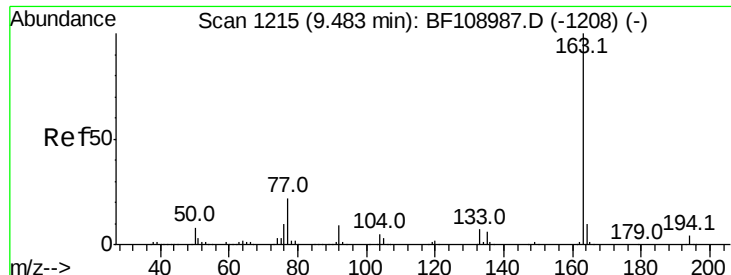
Sohil  
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#48  
Acenaphthylene  
Concen: 39.745 ng  
RT: 9.61 min Scan# 1237  
Delta R.T. -0.01 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 946696 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.5  | 16.3  | 24.5   |
| 153       | 13.5  | 10.7  | 16.1   |





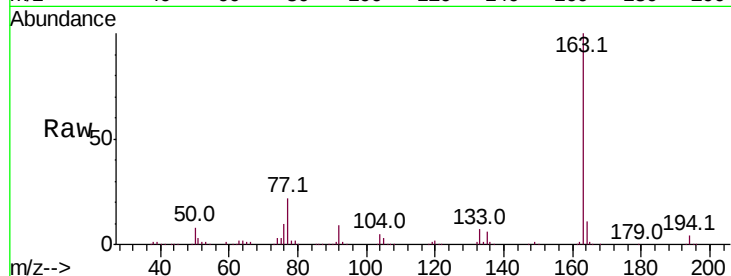
#49  
Dimethylphthalate  
Concen: 39.708 ng  
RT: 9.48 min Scan# 1215  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

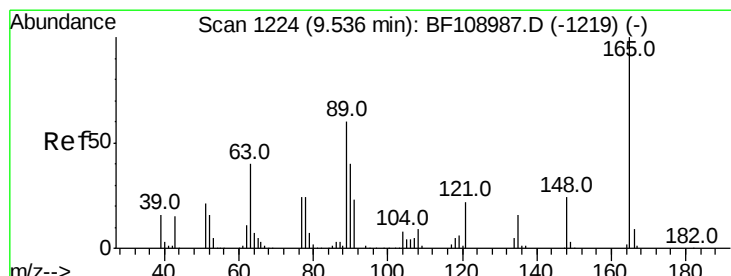
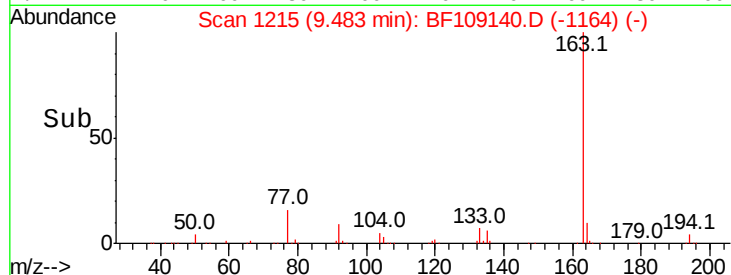
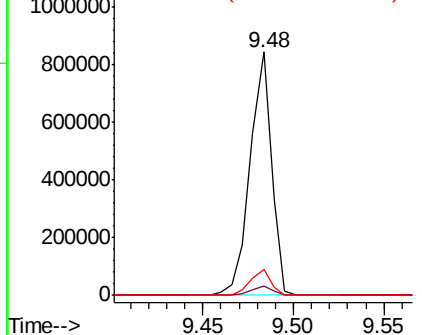
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 699778 |       |       |
| 194     | 3.9   |        | 2.7   | 4.1   |
| 164     | 10.6  |        | 8.2   | 12.2  |

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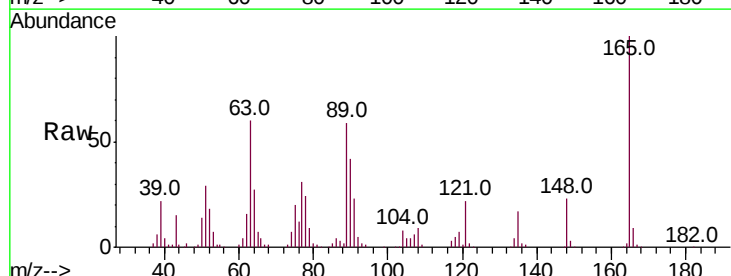


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

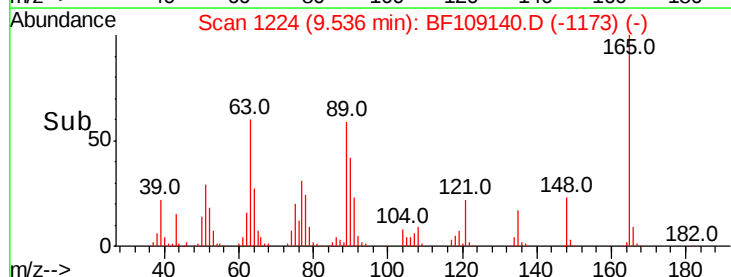
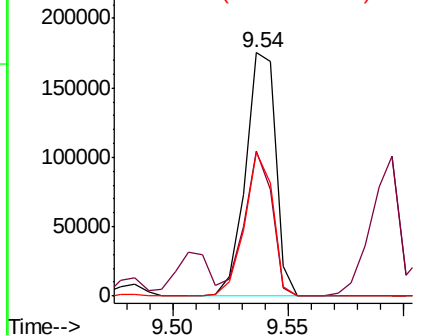


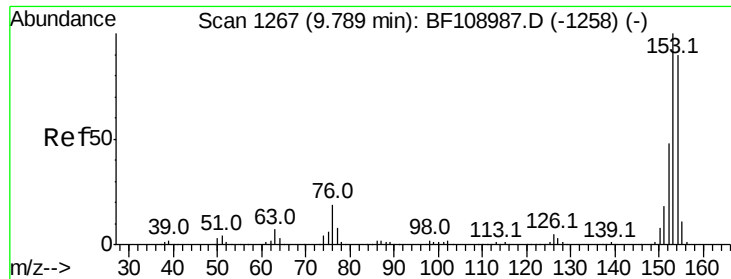
#50  
2,6-Dinitrotoluene  
Concen: 41.163 ng  
RT: 9.54 min Scan# 1224  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 160874 |       |       |
| 63      | 59.8  |        | 44.7  | 67.1  |
| 89      | 59.2  |        | 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





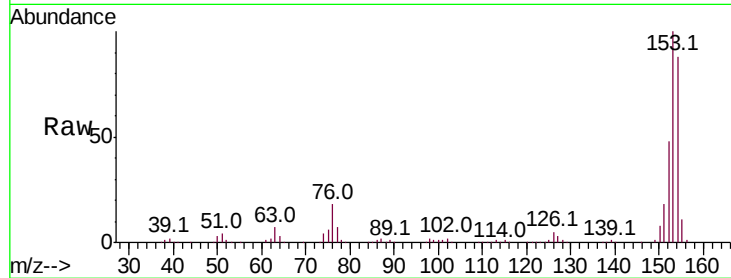
#51  
Acenaphthene  
Concen: 39.335 ng  
RT: 9.79 min Scan# 1267  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.2 | 91.2  | 136.8 |
| 152     | 54.8  | 43.8  | 65.8  |

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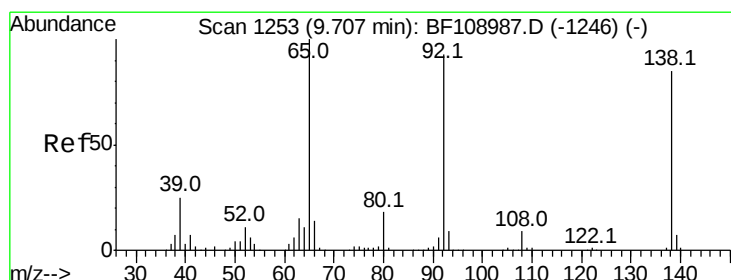
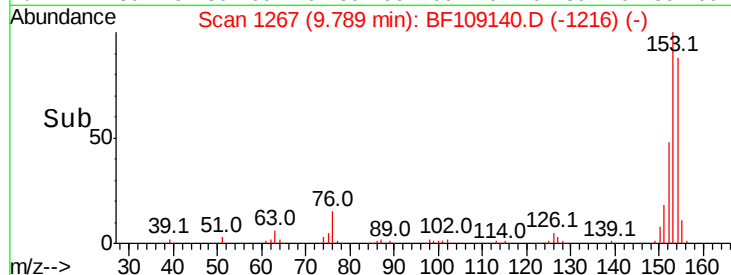
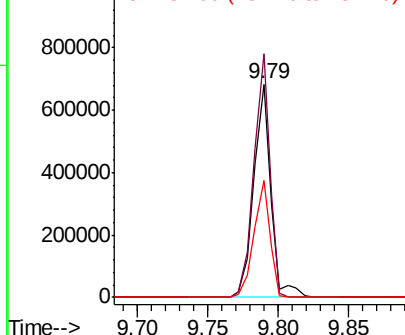


Abundance

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: 40.282 ng  
RT: 9.71 min Scan# 1253  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

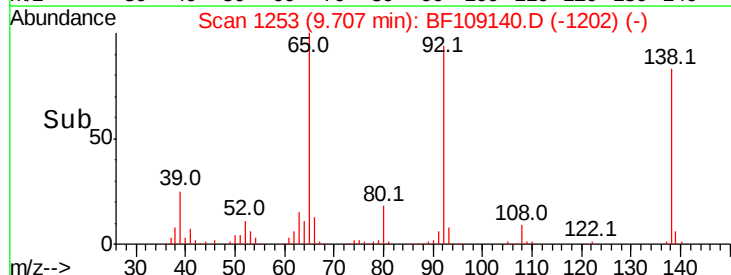
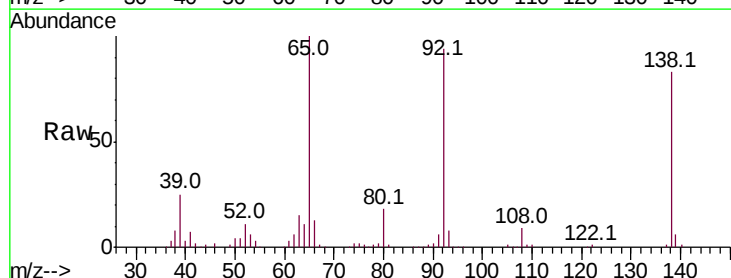
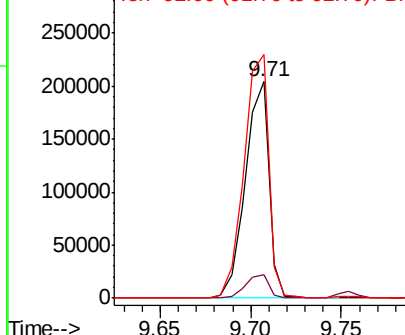
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.7  | 9.4   | 14.0  |
| 92      | 112.5 | 89.4  | 134.2 |

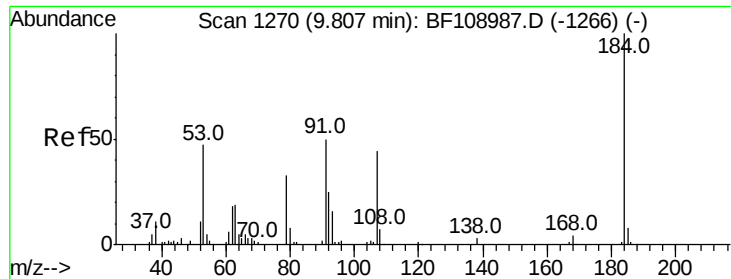
Abundance

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





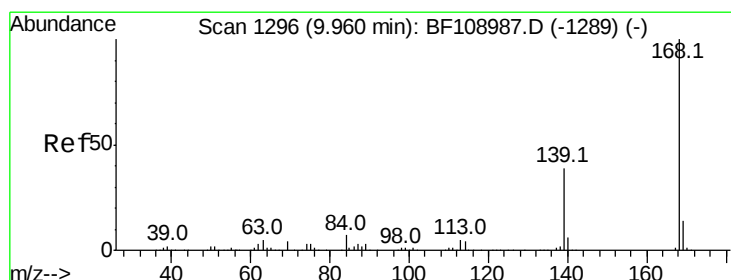
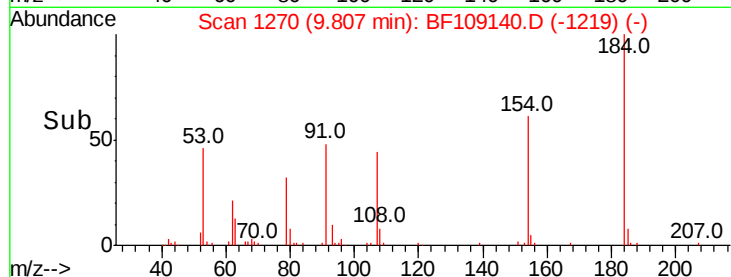
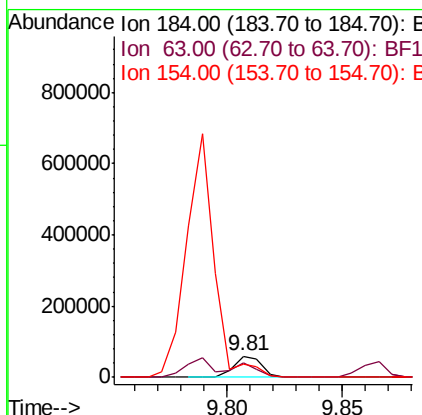
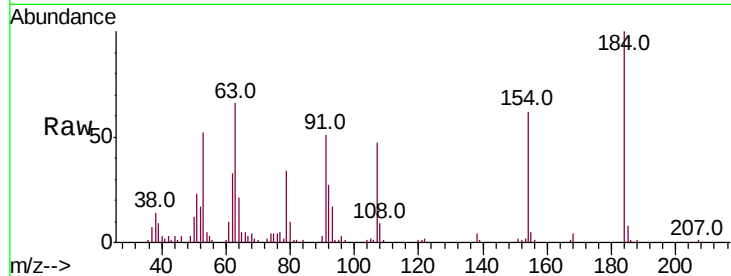
#53  
 2,4-Dinitrophenol  
 Concen: 34.115 ng  
 RT: 9.81 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 65.9  | 54.2  | 81.2   |
| 154     | 62.1  | 184.0 | 276.0# |

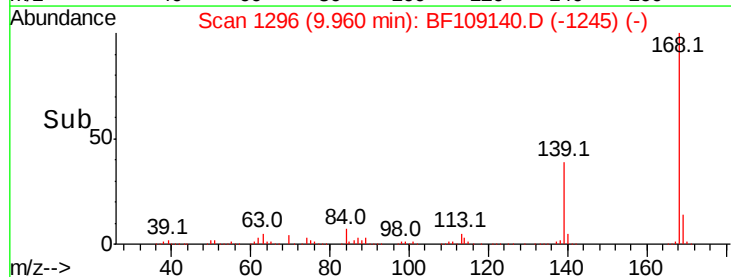
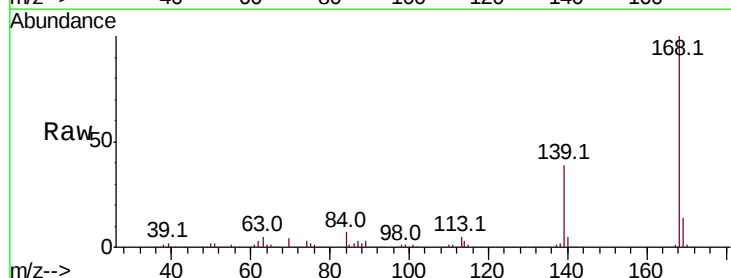
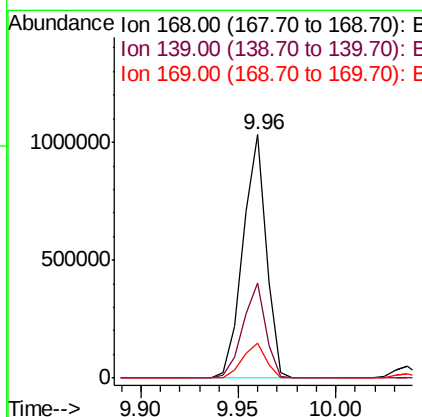
Manual Integrations  
 APPROVED

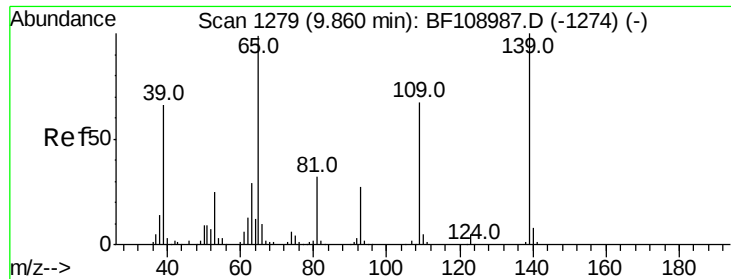
Sohil  
 9/20/2018 10:06:27 AM



#54  
 Dibenzofuran  
 Concen: 39.764 ng  
 RT: 9.96 min Scan# 1296  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.1  | 30.1  | 45.1  |
| 169     | 14.4  | 10.9  | 16.3  |





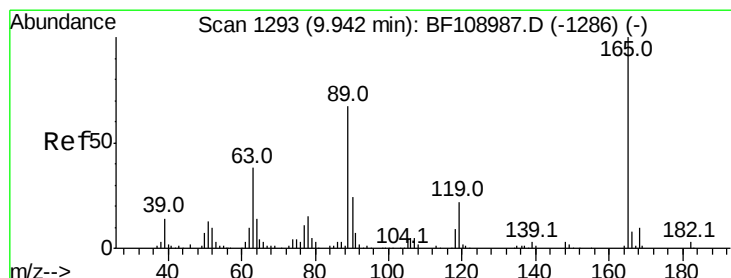
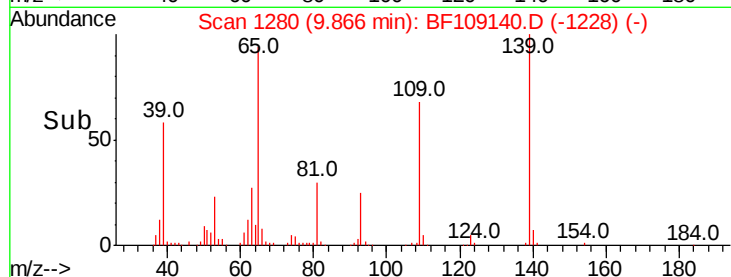
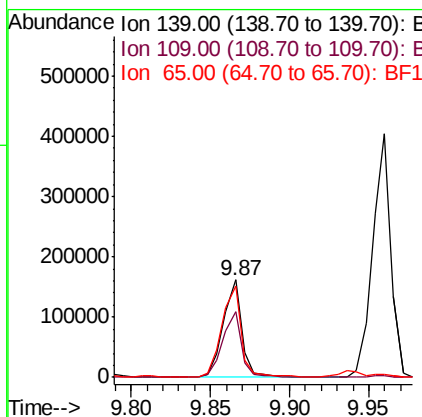
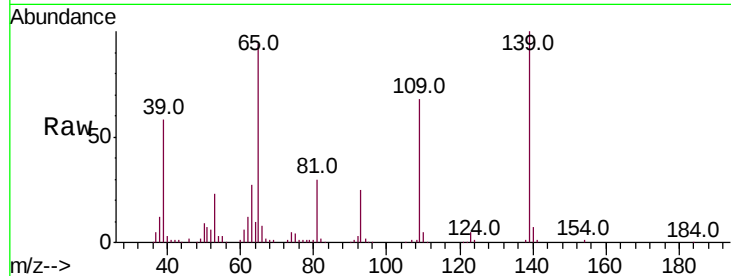
#55  
4-Nitrophenol  
Concen: 39.500 ng  
RT: 9.87 min Scan# 1280  
Delta R.T. 0.01 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 68.2  | 48.4  | 88.4  |
| 65      | 94.4  | 72.6  | 112.6 |

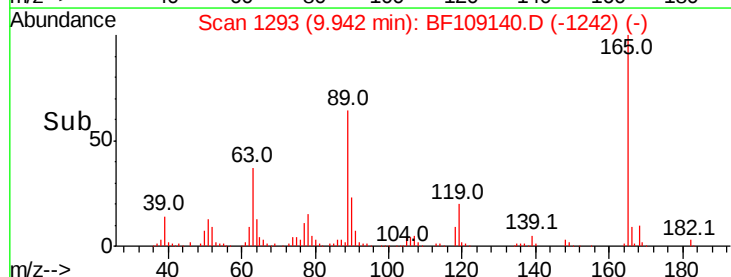
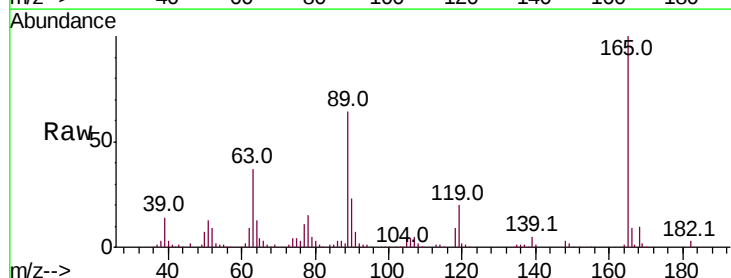
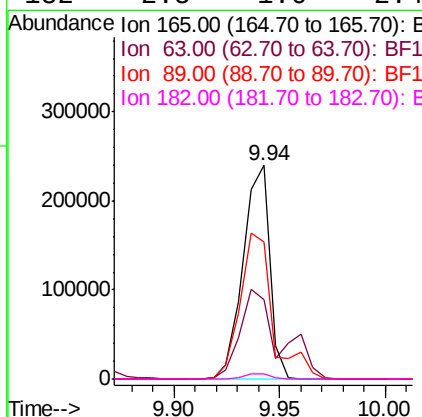
Manual Integrations  
APPROVED

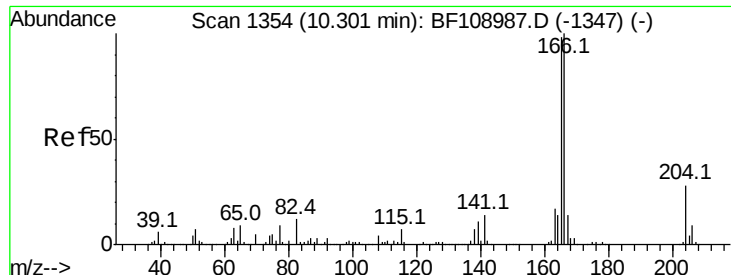
Sohil  
9/20/2018 10:06:27 AM



#56  
2,4-Dinitrotoluene  
Concen: 41.179 ng  
RT: 9.94 min Scan# 1293  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 37.0  | 36.4  | 54.6  |
| 89      | 64.3  | 57.8  | 86.6  |
| 182     | 2.5   | 1.6   | 2.4#  |





#57

Fluorene

Concen: 41.649 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 594887

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

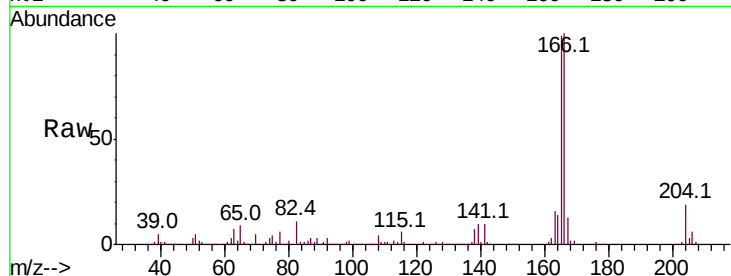
167 13.3 10.6 16.0

Manual Integrations

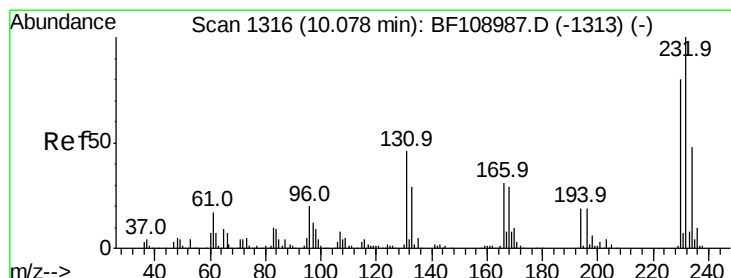
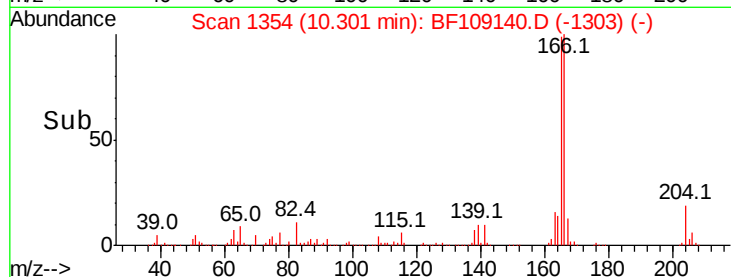
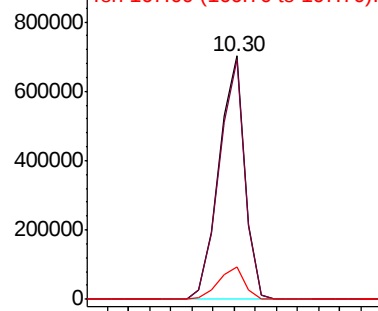
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Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.448 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Tgt Ion:232 Resp: 182564

Ion Ratio Lower Upper

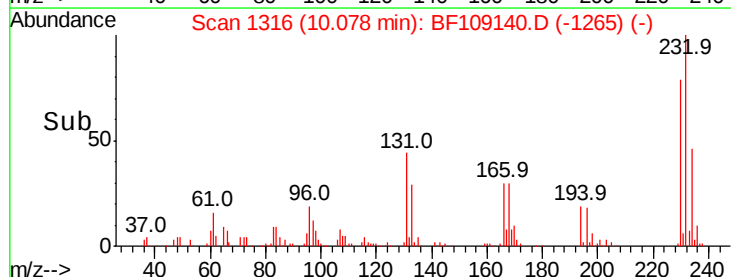
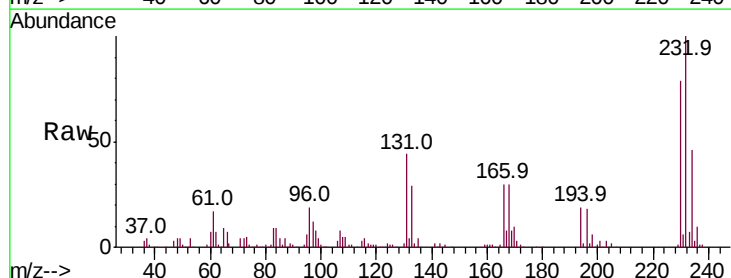
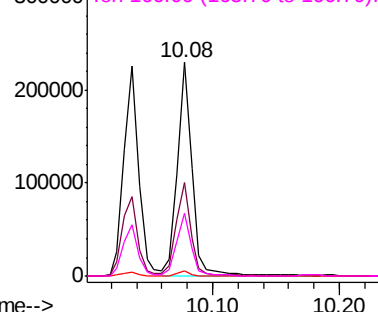
232 100

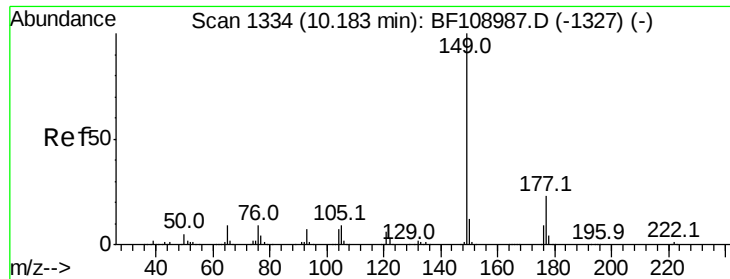
131 44.2 43.8 65.8

130 2.2 2.1 3.1

166 29.9 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





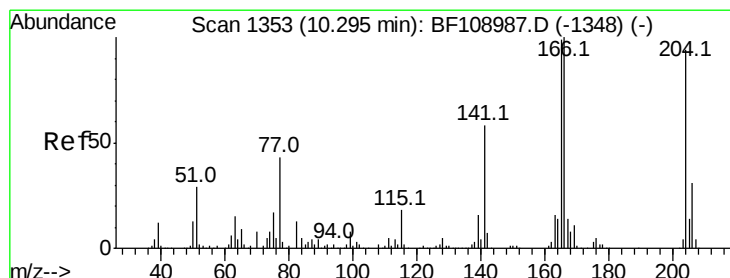
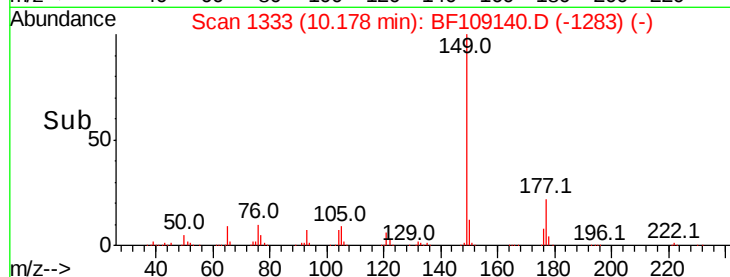
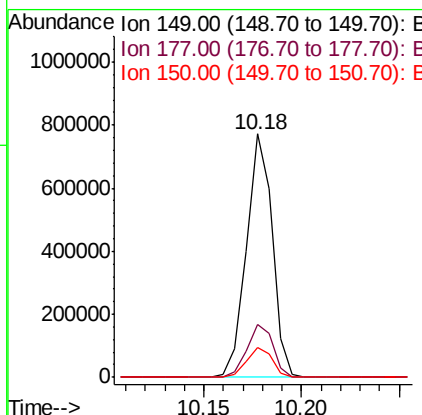
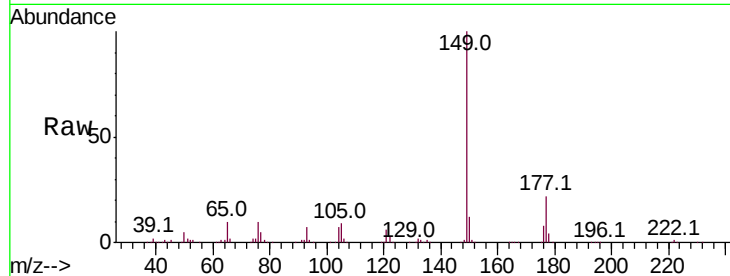
#59  
Diethylphthalate  
Concen: 39.913 ng  
RT: 10.18 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.6  | 16.1  | 24.1  |
| 150     | 12.5  | 10.1  | 15.1  |

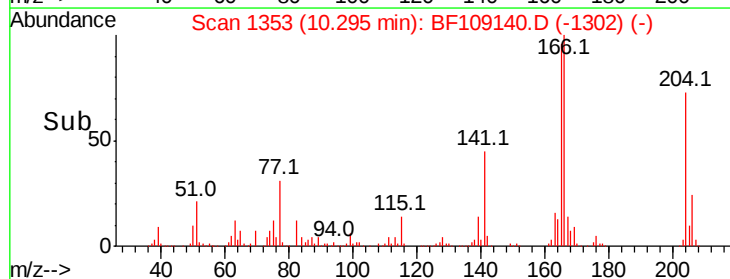
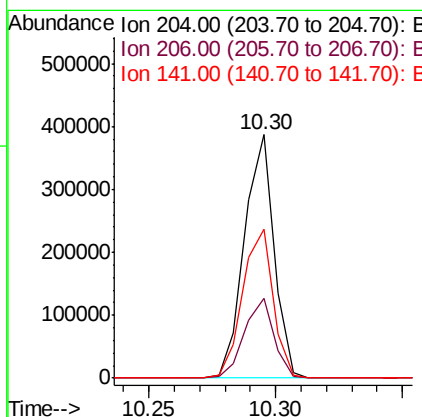
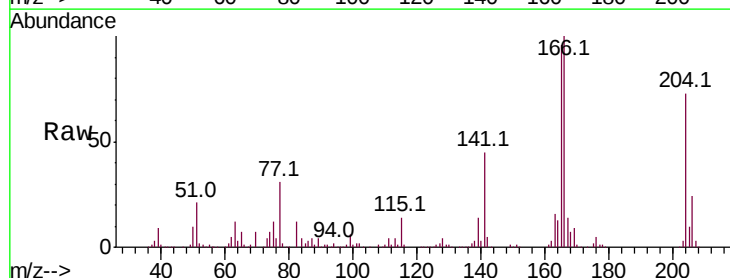
Manual Integrations  
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#60  
4-Chlorophenyl-phenylether  
Concen: 41.200 ng  
RT: 10.30 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.5  | 39.7  |
| 141     | 61.1  | 54.6  | 81.8  |





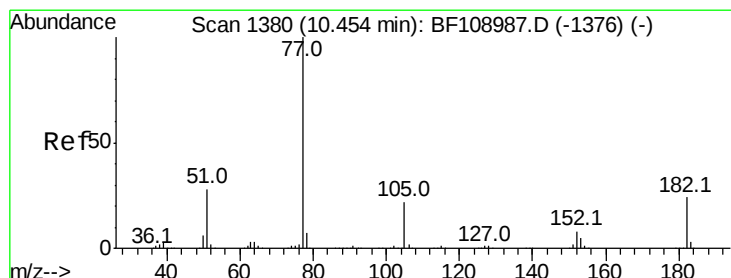
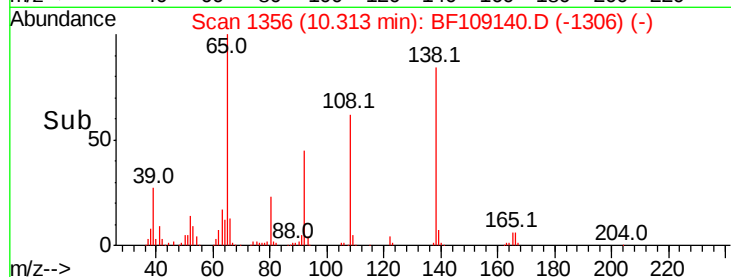
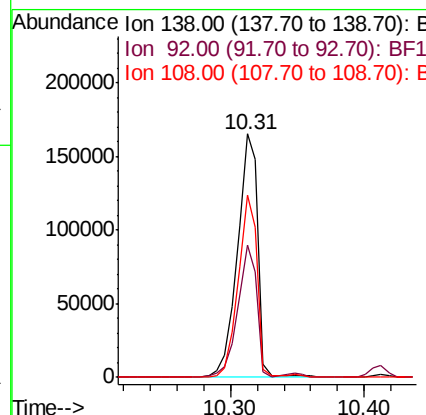
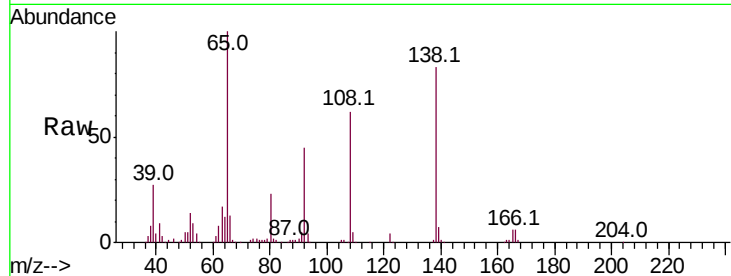
#61  
4-Nitroaniline  
Concen: 40.661 ng  
RT: 10.31 min Scan# 1356  
Delta R.T. -0.01 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.2  | 30.2  | 70.2  |
| 108     | 74.6  | 52.5  | 92.5  |

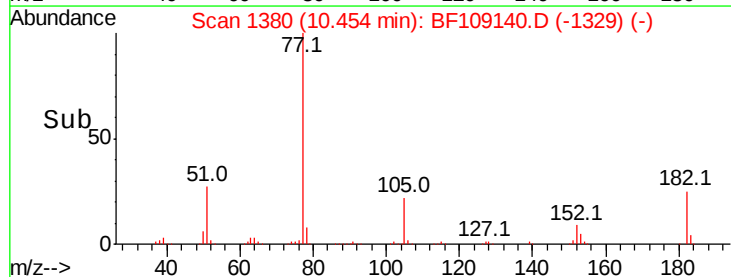
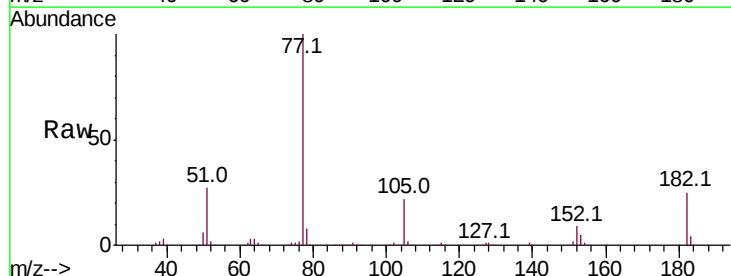
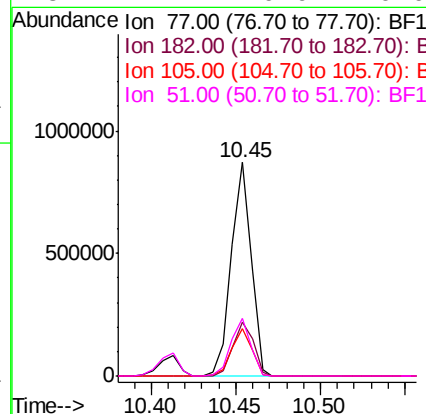
Manual Integrations  
APPROVED

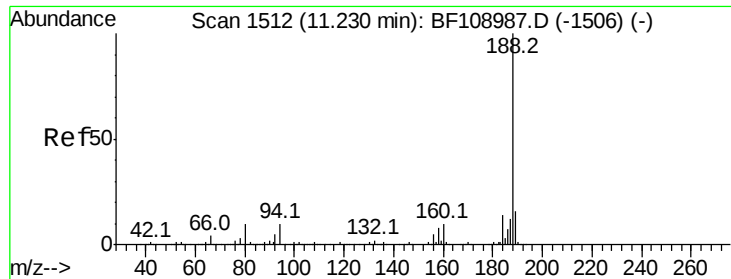
Sohil  
9/20/2018 10:06:27 AM



#62  
Azobenzene  
Concen: 39.082 ng  
RT: 10.45 min Scan# 1380  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.5  | 1.7   | 41.7  |
| 105     | 22.3  | 3.0   | 43.0  |
| 51      | 27.1  | 9.9   | 49.9  |





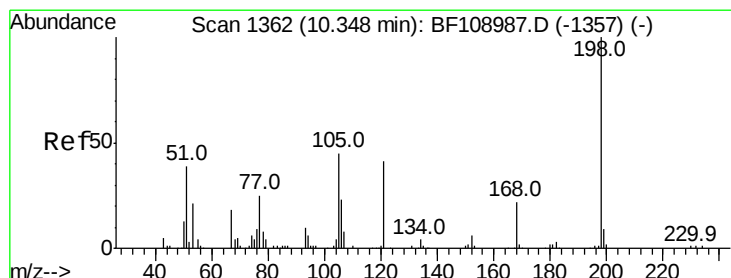
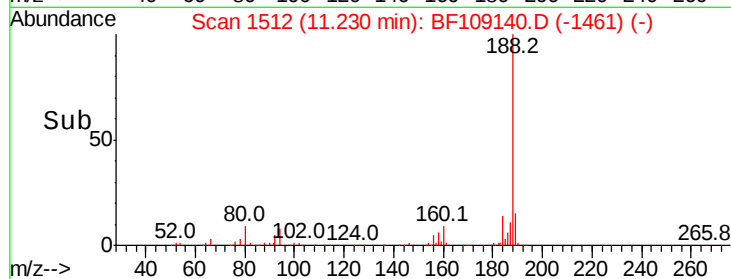
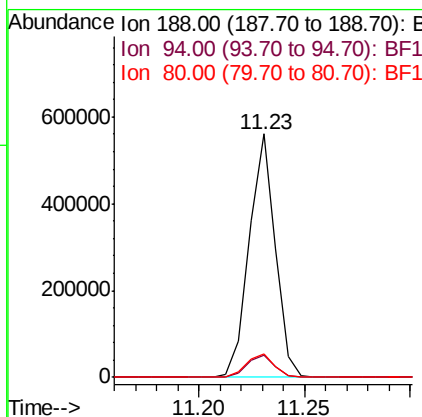
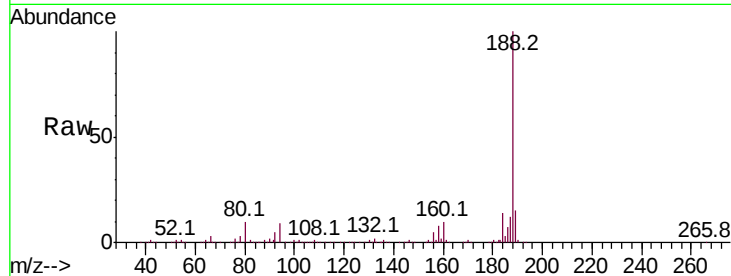
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.23 min Scan# 1512  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 481152 |       |       |
| 94      | 9.4   |        | 8.5   | 12.7  |
| 80      | 9.7   |        | 9.2   | 13.8  |

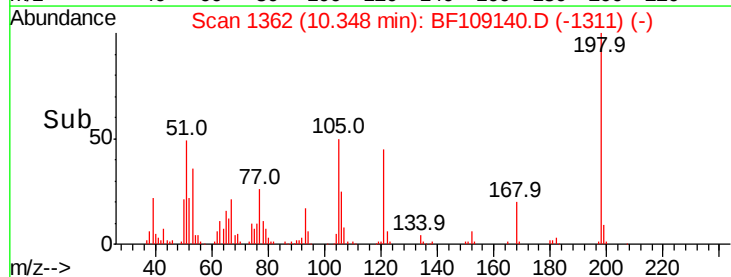
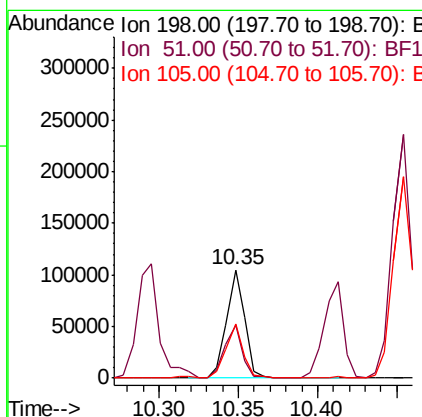
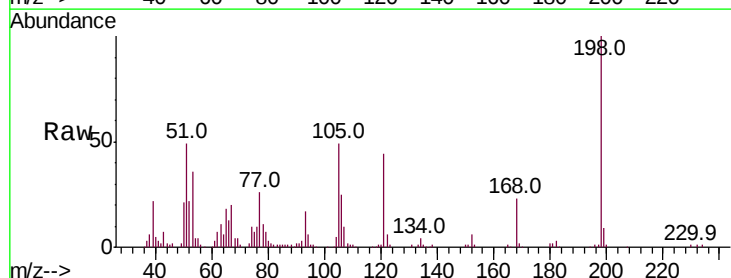
Manual Integrations  
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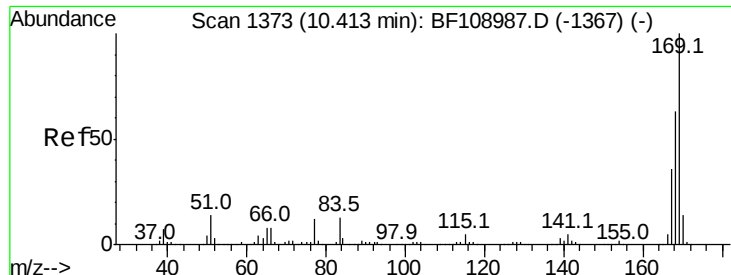
Sohil  
9/20/2018 10:06:27 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 36.260 ng  
RT: 10.35 min Scan# 1362  
Delta R.T. 0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 83475 |       |       |
| 51      | 49.0  |       | 37.7  | 77.7  |
| 105     | 49.5  |       | 36.3  | 76.3  |





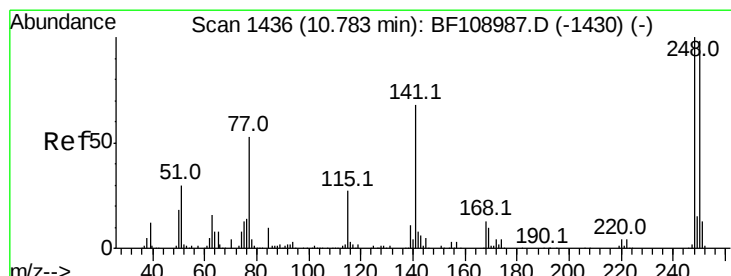
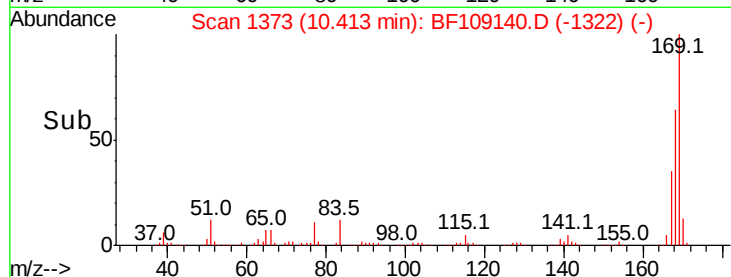
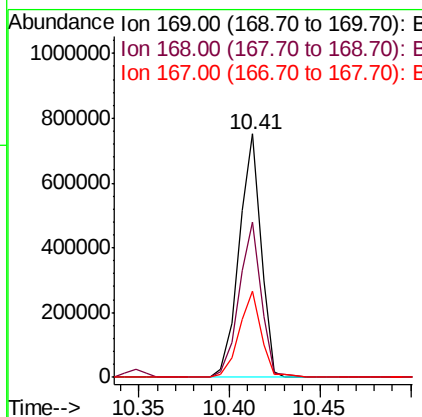
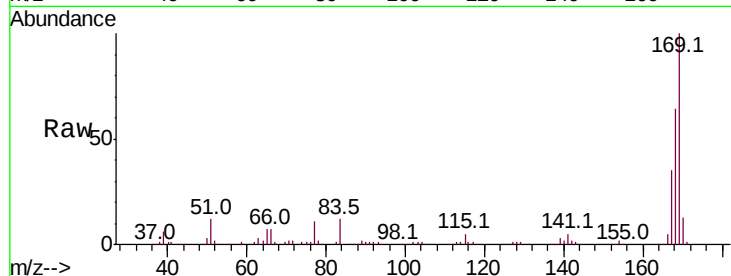
#65  
n-Nitrosodiphenylamine  
Concen: 39.944 ng  
RT: 10.41 min Scan# 1373  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 63.7  | 54.4  | 81.6  |
| 167     | 35.3  | 29.8  | 44.6  |

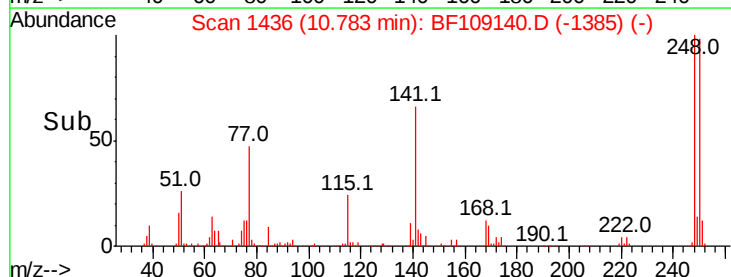
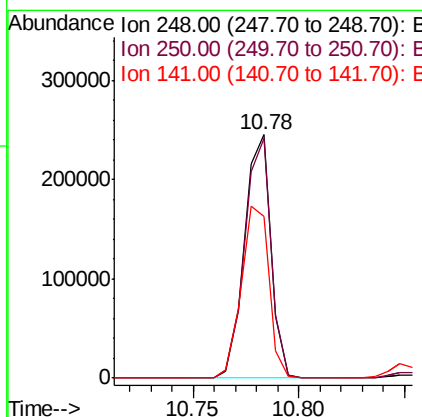
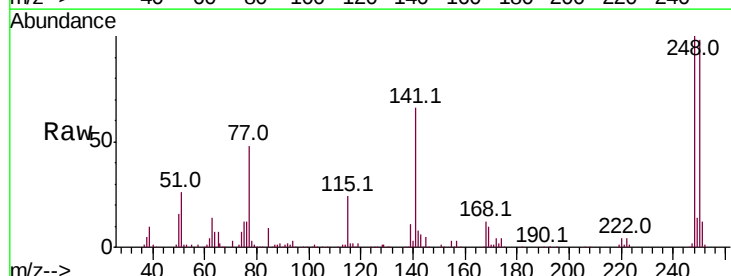
Manual Integrations  
APPROVED

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#66  
4-Bromophenyl-phenylether  
Concen: 39.246 ng  
RT: 10.78 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 98.3  | 76.9  | 115.3  |
| 141     | 66.4  | 74.4  | 111.6# |





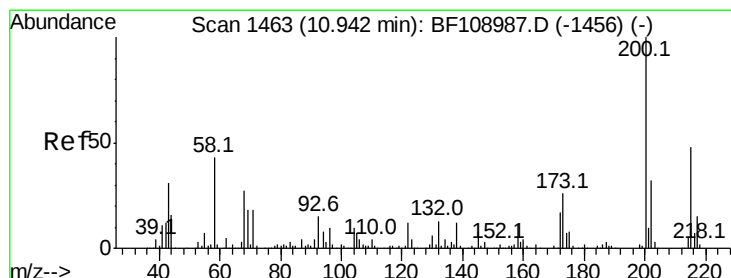
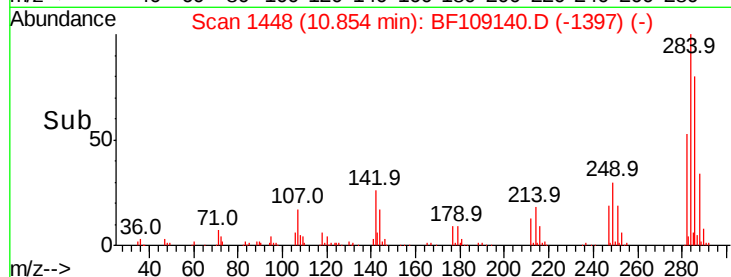
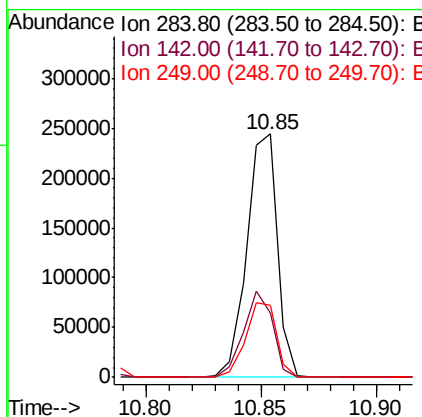
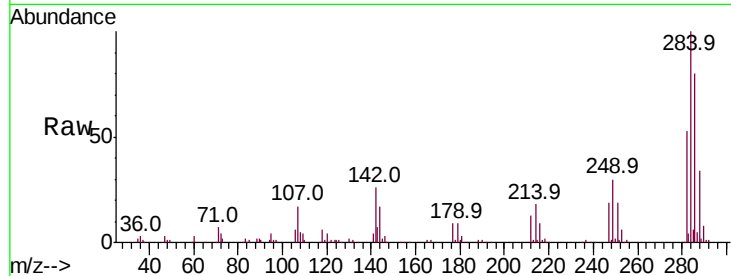
#67  
Hexachlorobenzene  
Concen: 39.099 ng  
RT: 10.85 min Scan# 1448  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 26.4  | 34.6 | 52.0# |       |
| 249     | 29.6  | 24.8 | 37.2  |       |

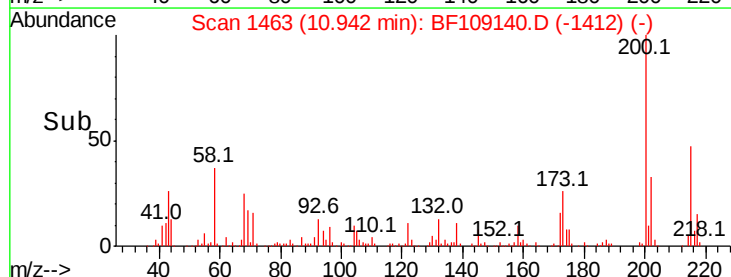
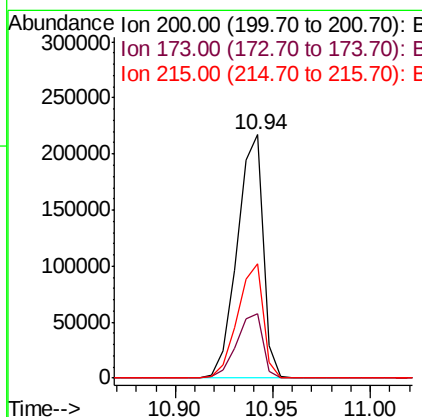
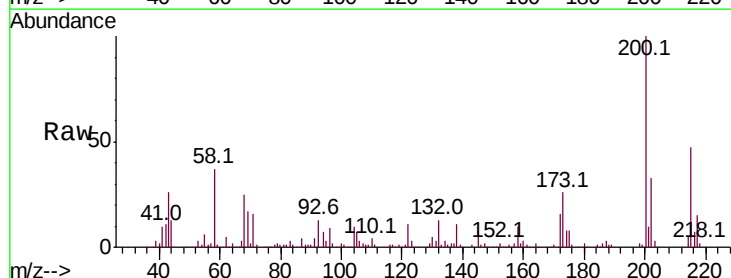
Manual Integrations  
APPROVED

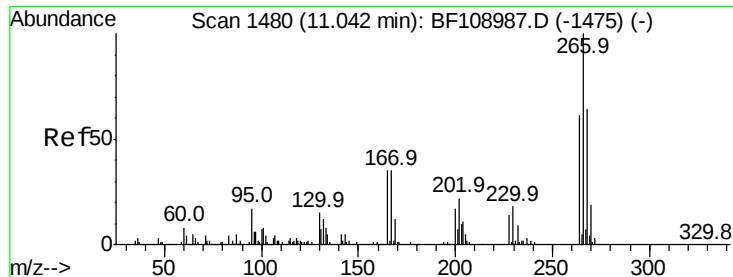
Sohil  
9/20/2018 10:06:27 AM



#68  
Atrazine  
Concen: 39.744 ng  
RT: 10.94 min Scan# 1463  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 26.3  | 8.6  | 48.6  |       |
| 215     | 47.0  | 25.1 | 65.1  |       |





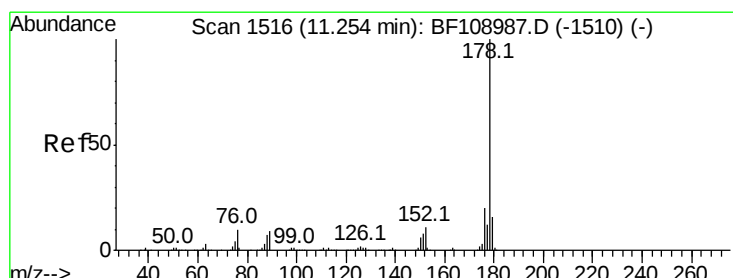
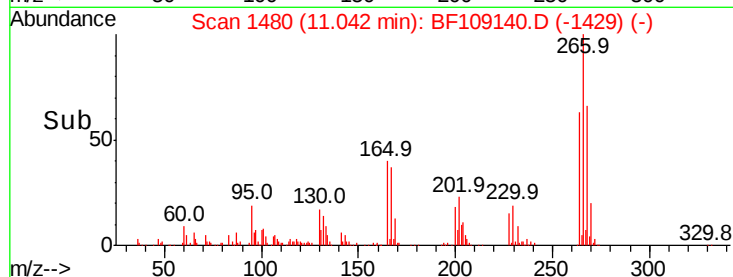
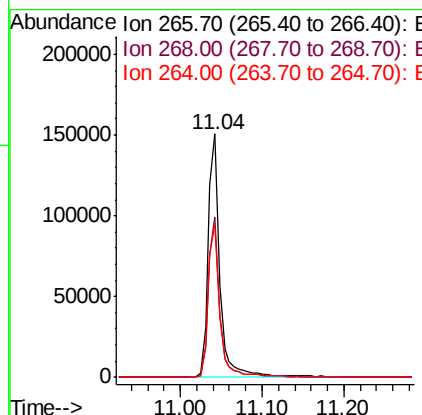
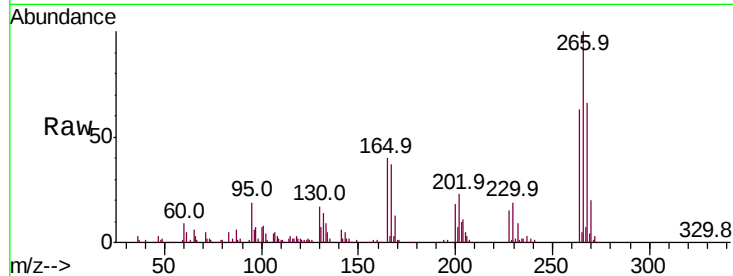
#69  
 Pentachlorophenol  
 Concen: 40.531 ng  
 RT: 11.04 min Scan# 1480  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 150458 |       |       |
| 268     | 65.9  |        | 51.1  | 76.7  |
| 264     | 62.7  |        | 49.5  | 74.3  |

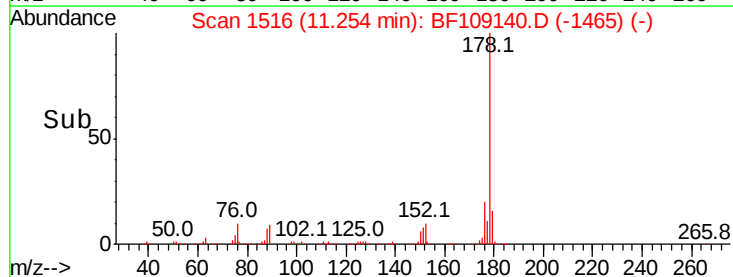
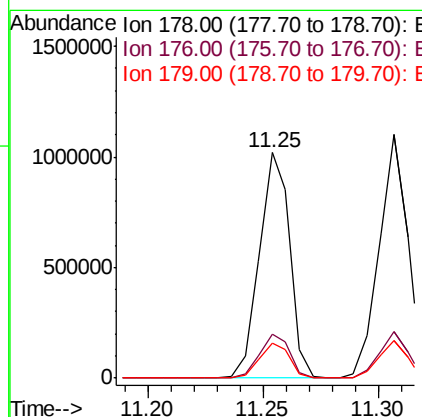
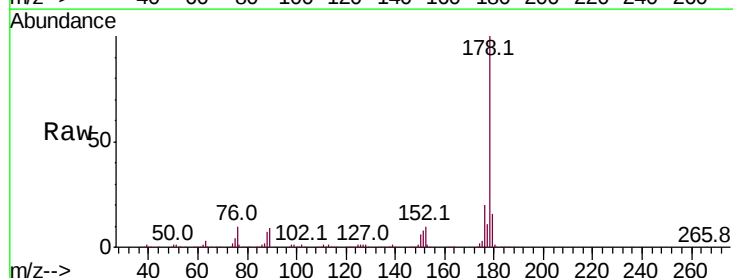
Manual Integrations  
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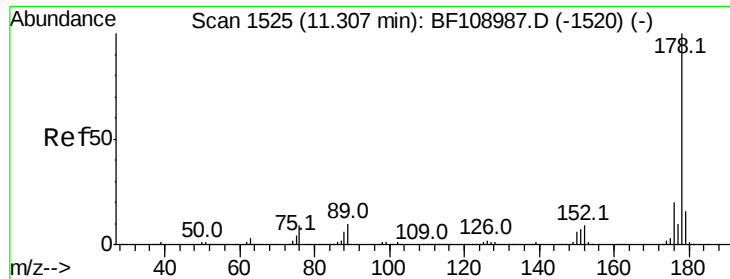
Sohil  
 9/20/2018 10:06:27 AM



#70  
 Phenanthrene  
 Concen: 39.627 ng  
 RT: 11.25 min Scan# 1516  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 934637 |       |       |
| 176     | 19.5  |        | 15.8  | 23.8  |
| 179     | 15.6  |        | 13.0  | 19.6  |





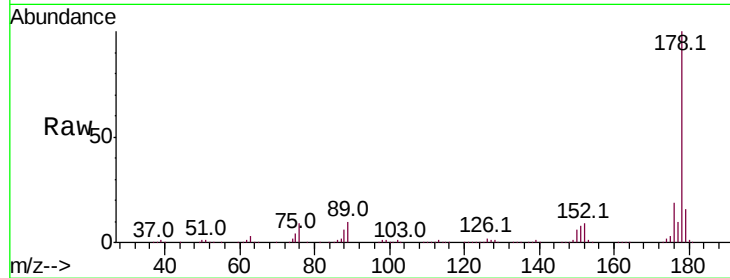
#71  
 Anthracene  
 Concen: 39.412 ng  
 RT: 11.31 min Scan# 1525  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.4  | 23.2  |
| 179     | 15.6  | 12.6  | 19.0  |

Manual Integrations  
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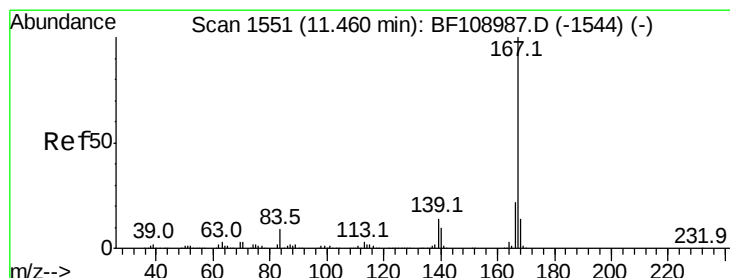
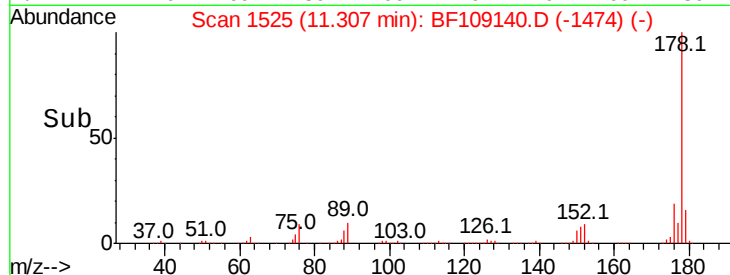
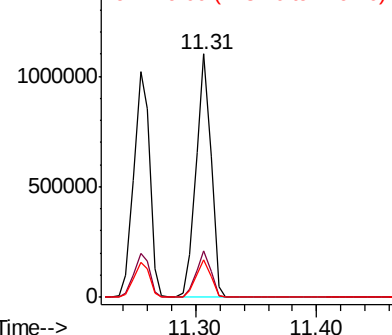


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72  
 Carbazole  
 Concen: 39.000 ng  
 RT: 11.46 min Scan# 1551  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

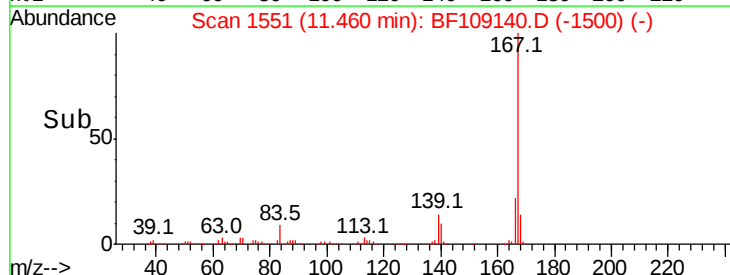
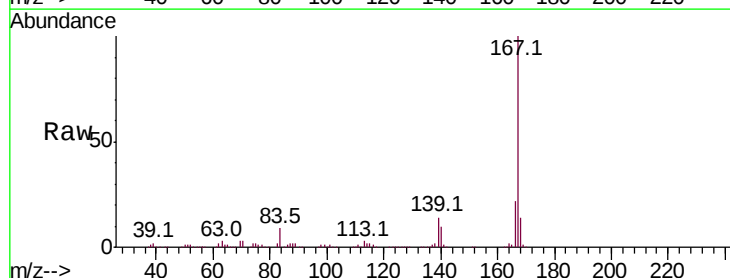
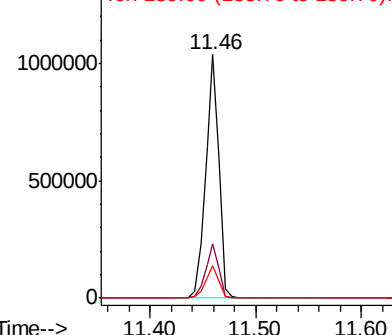
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 17.6  | 26.4  |
| 139     | 13.5  | 10.9  | 16.3  |

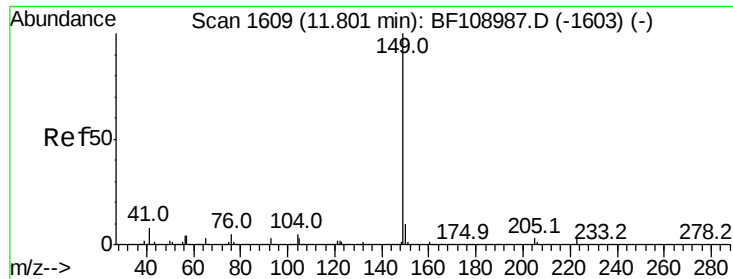
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





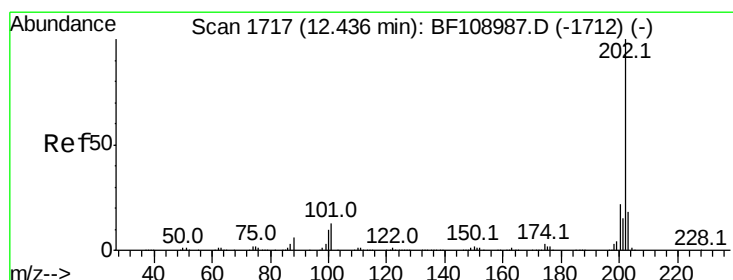
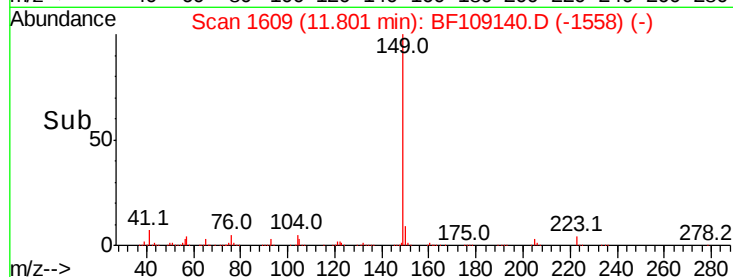
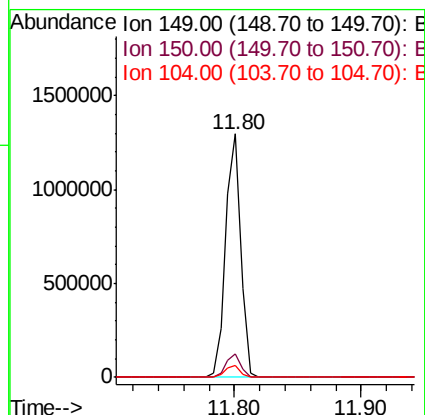
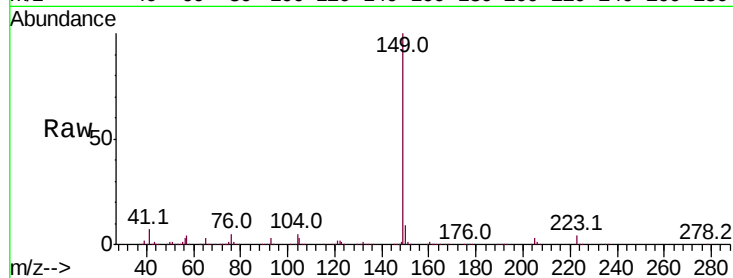
#73  
Di-n-butylphthalate  
Concen: 39.132 ng  
RT: 11.80 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.8   | 11.6  |
| 104     | 4.9   | 3.8   | 5.8   |

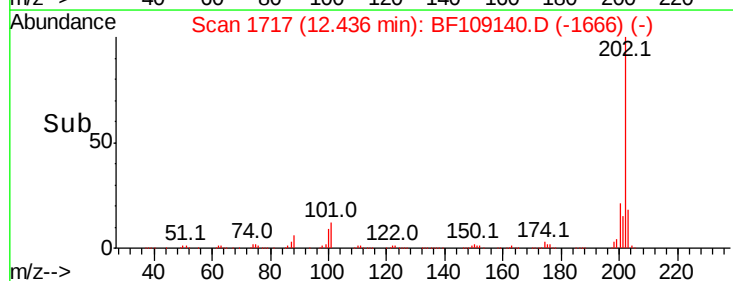
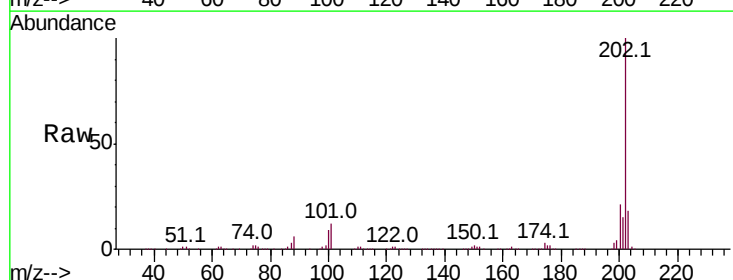
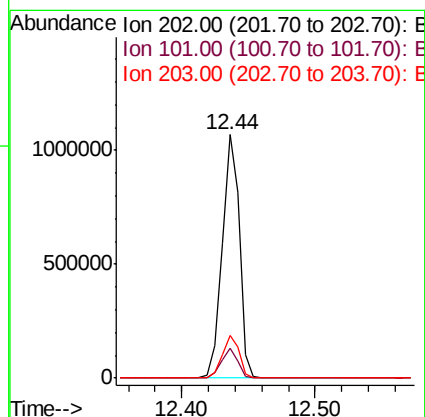
Manual Integrations  
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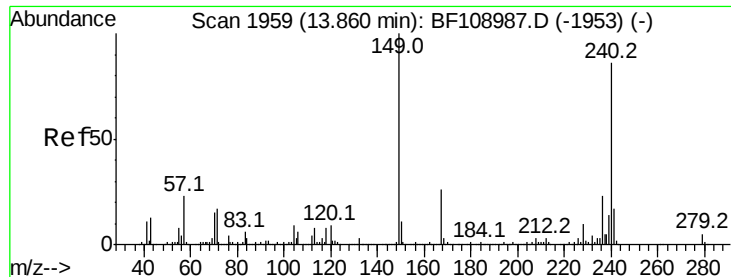
Sohil  
9/20/2018 10:06:27 AM



#74  
Fluoranthene  
Concen: 38.908 ng  
RT: 12.44 min Scan# 1717  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.4  | 0.0   | 34.1  |
| 203     | 17.6  | 0.0   | 38.1  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

Instrument :

BNA\_F

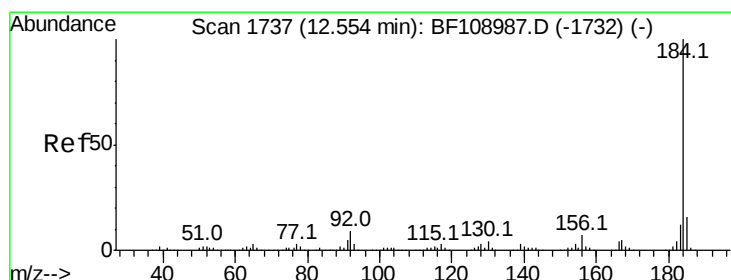
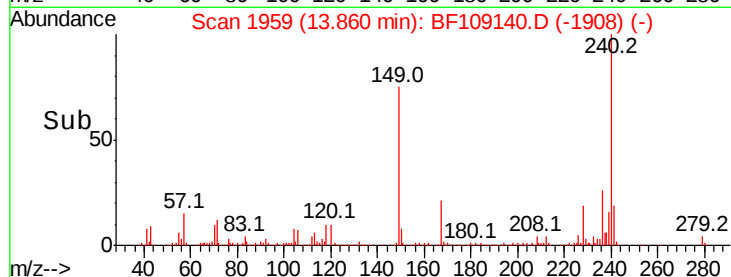
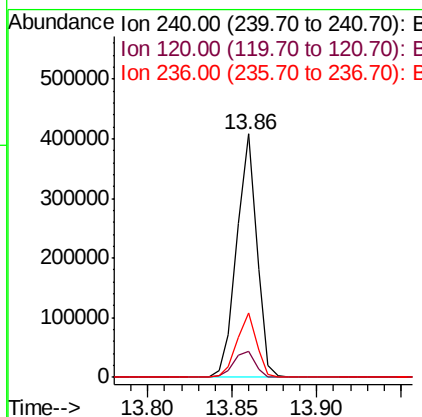
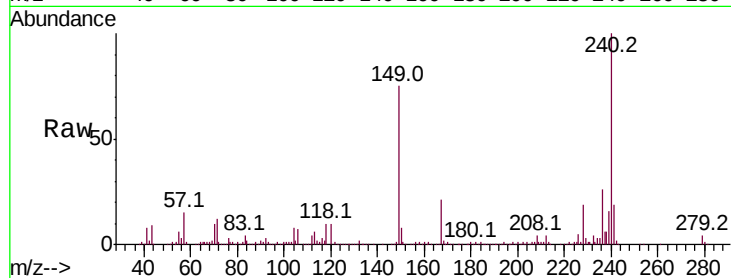
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 337281 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.5  | 9.5   | 14.3   |
| 236       | 26.4  | 20.7  | 31.1   |

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#76

Benzidine

Concen: 52.483 ng

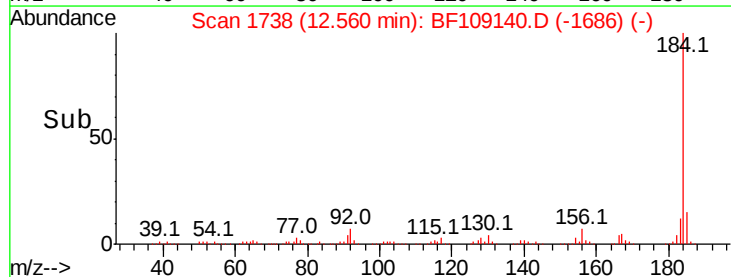
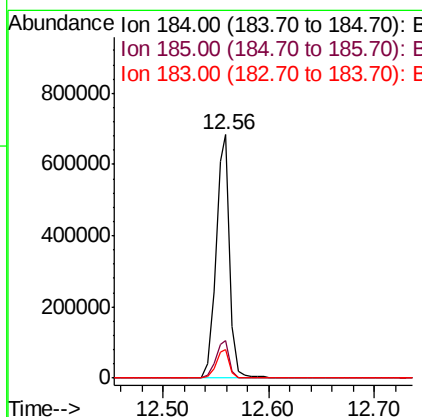
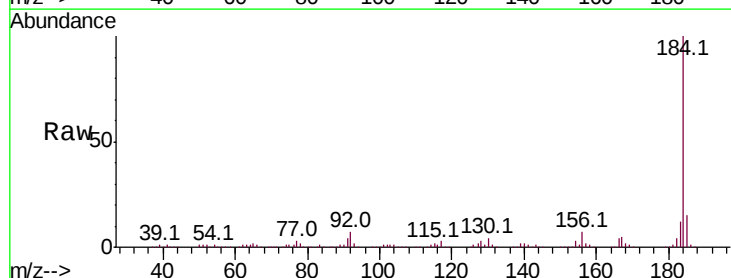
RT: 12.56 min Scan# 1738

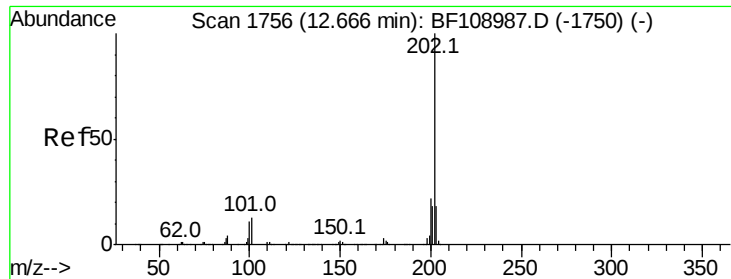
Delta R.T. 0.01 min

Lab File: BF109140.D

Acq: 19 Sep 2018 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 626614 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.4  | 12.6  | 18.8   |
| 183       | 11.7  | 9.3   | 13.9   |





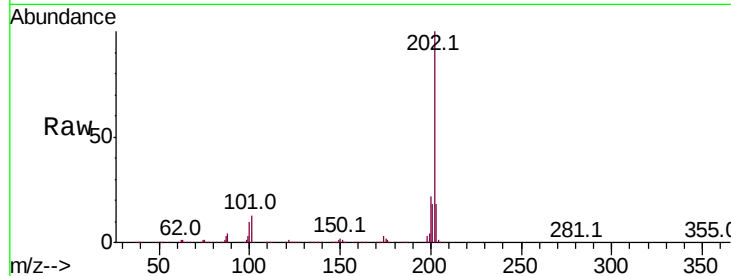
#77  
Pvrene  
Concen: 39.706 ng  
RT: 12.67 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 21.6  | 17.4 | 26.2  |       |
| 203     | 17.6  | 14.3 | 21.5  |       |

Manual Integrations  
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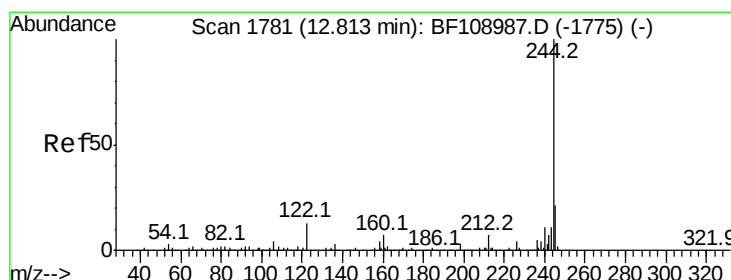
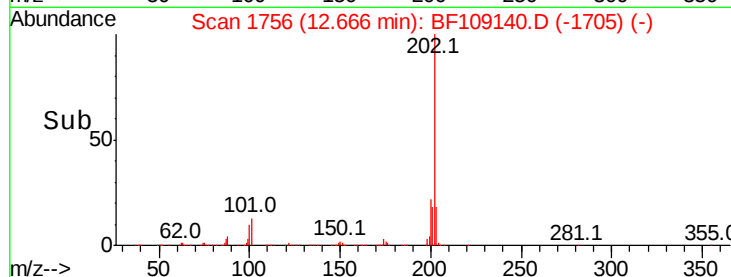
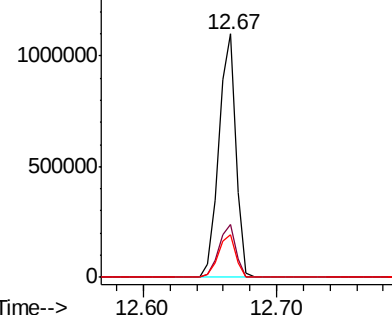


Abundance

Ion 202.00 (201.70 to 202.70): E

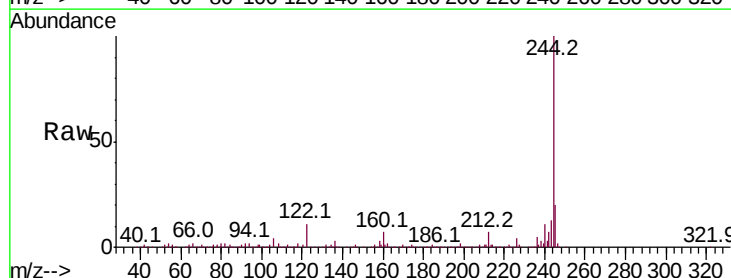
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78  
Terphenyl-d14  
Concen: 78.562 ng  
RT: 12.81 min Scan# 1781  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 244     | 100   |      |       |       |
| 212     | 7.2   | 5.4  | 8.0   |       |
| 122     | 11.3  | 11.0 | 16.4  |       |

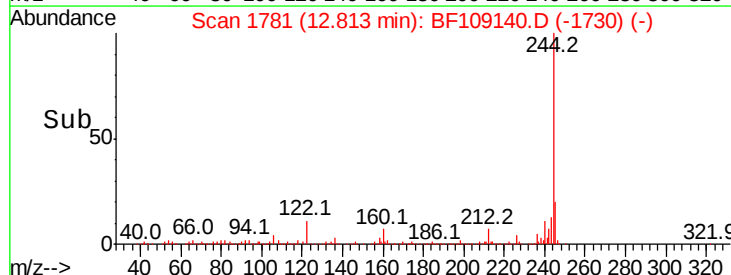
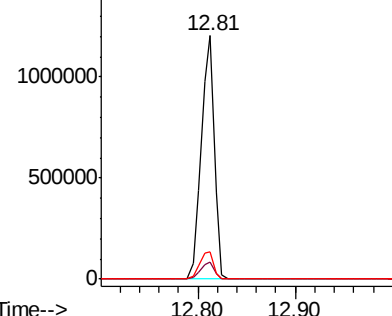


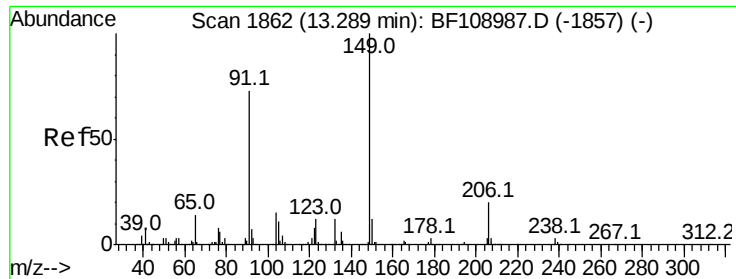
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





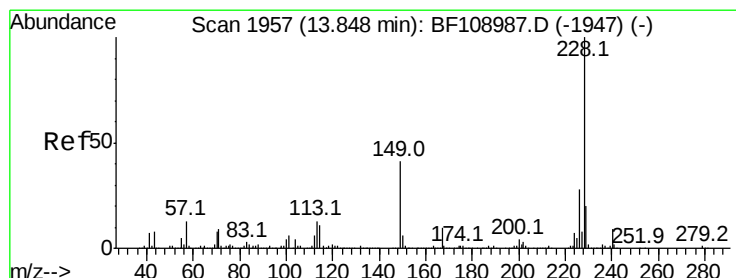
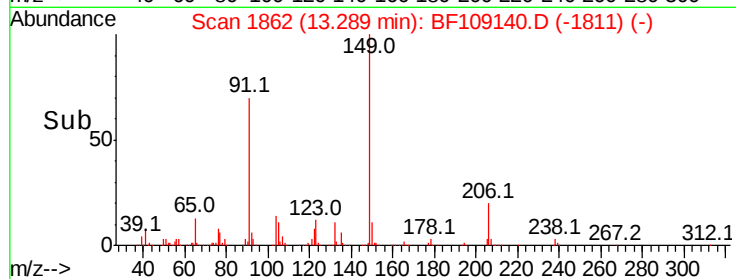
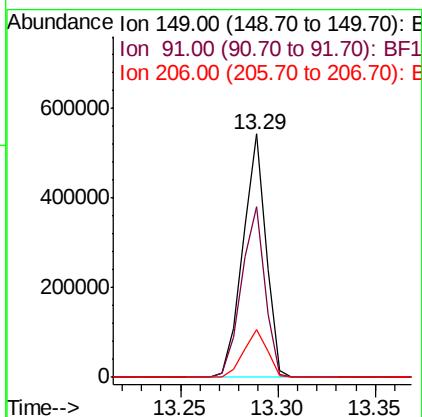
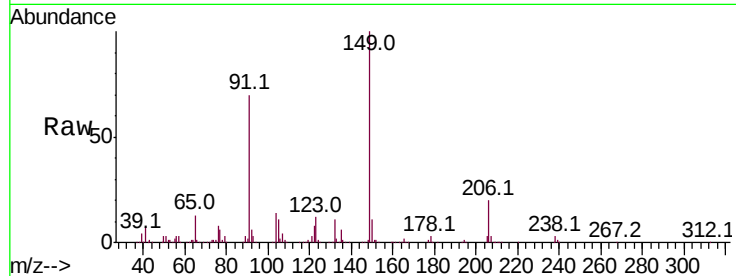
#79  
Butylbenzylphthalate  
Concen: 39.784 ng  
RT: 13.29 min Scan# 1862  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 445170 |       |       |
| 91      | 70.0  | 56.8   | 85.2  |       |
| 206     | 19.7  | 14.1   | 21.1  |       |

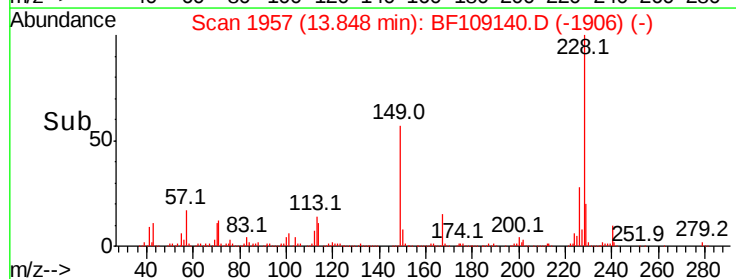
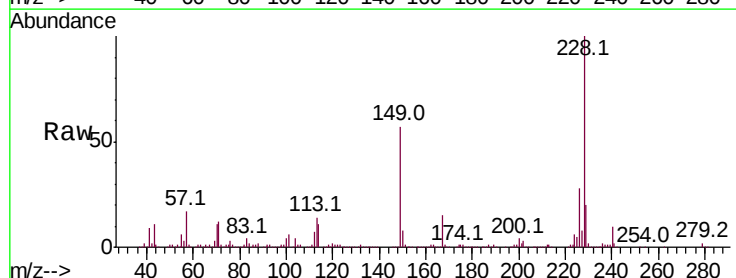
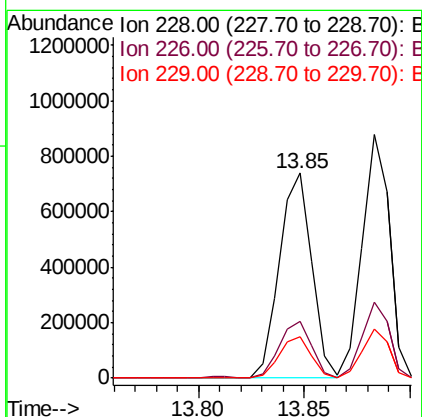
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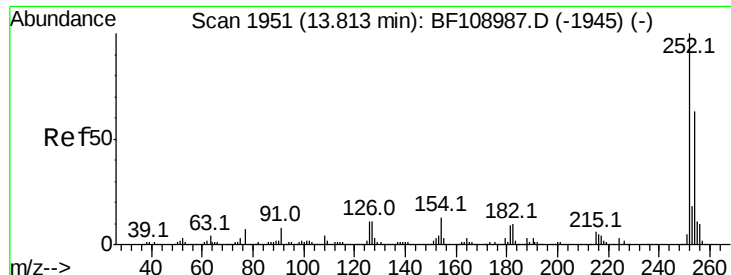
Sohil  
9/20/2018 10:06:27 AM



#80  
Benzo(a)anthracene  
Concen: 38.752 ng  
RT: 13.85 min Scan# 1957  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 791319 |       |       |
| 226     | 27.5  | 22.6   | 33.8  |       |
| 229     | 19.9  | 15.8   | 23.6  |       |





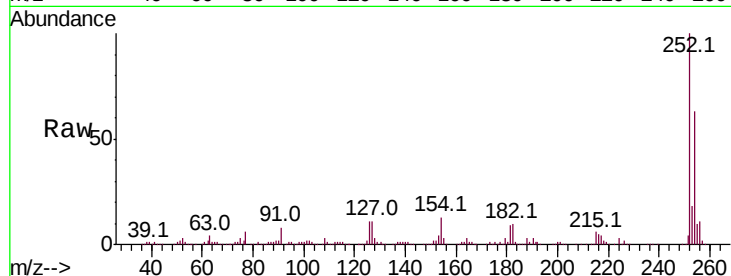
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.274 ng  
 RT: 13.81 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 315385 |       |       |
| 254     | 63.1  |        | 50.4  | 75.6  |
| 126     | 10.9  |        | 11.3  | 16.9  |

Manual Integrations  
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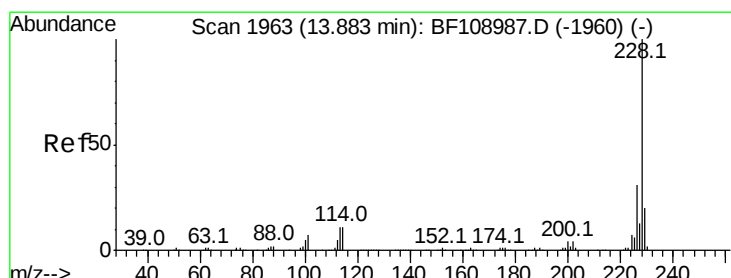
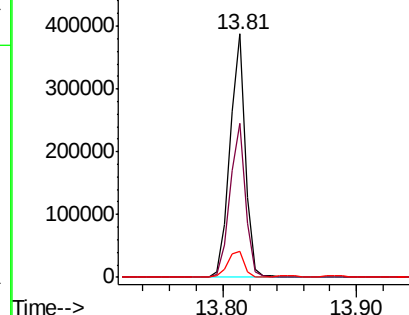
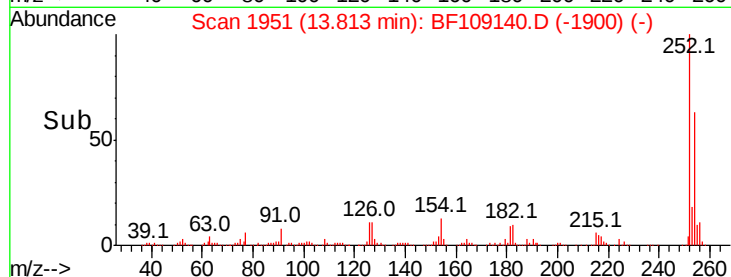


Abundance

Ion 252.00 (251.70 to 252.70): E

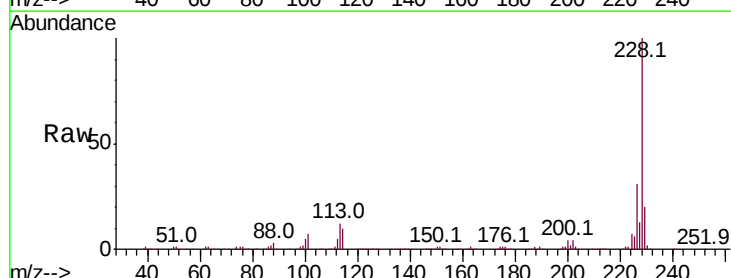
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82  
 Chrysene  
 Concen: 38.853 ng  
 RT: 13.88 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 793789 |       |       |
| 226     | 31.4  |        | 25.0  | 37.6  |
| 229     | 20.3  |        | 16.2  | 24.4  |

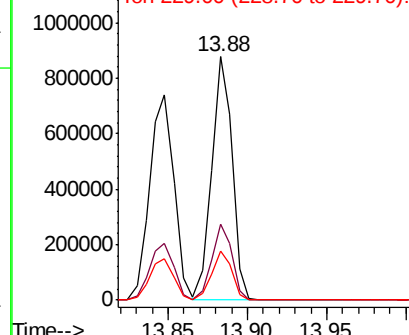
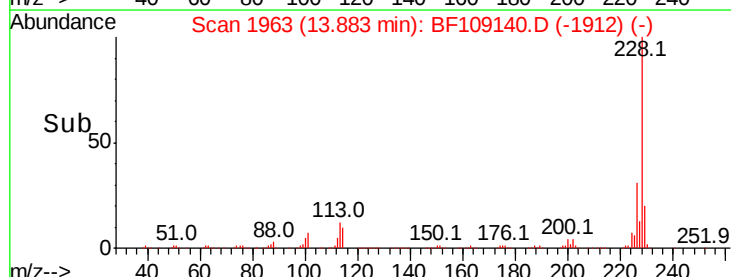


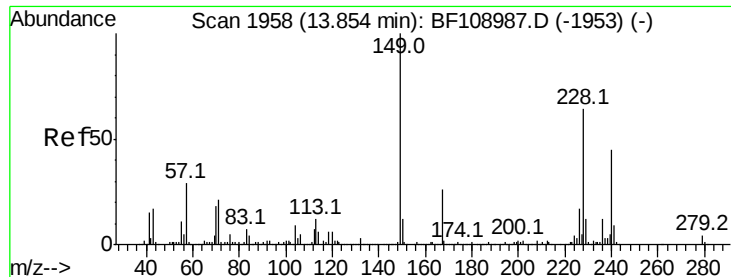
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





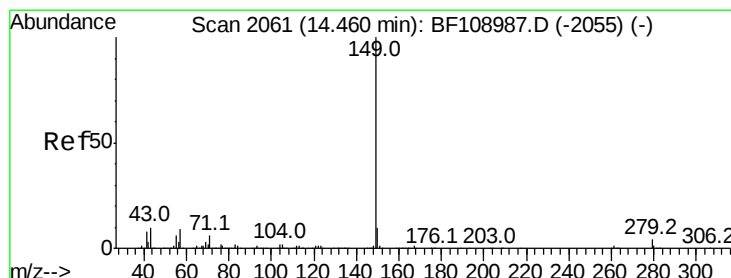
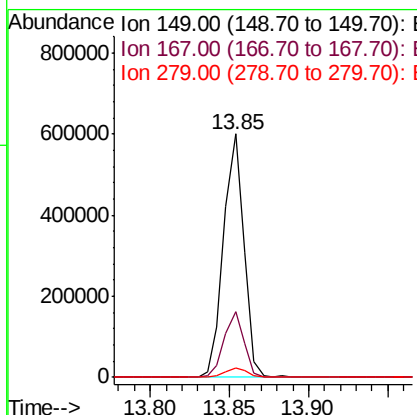
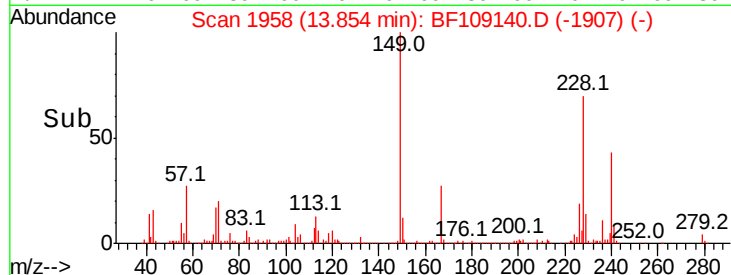
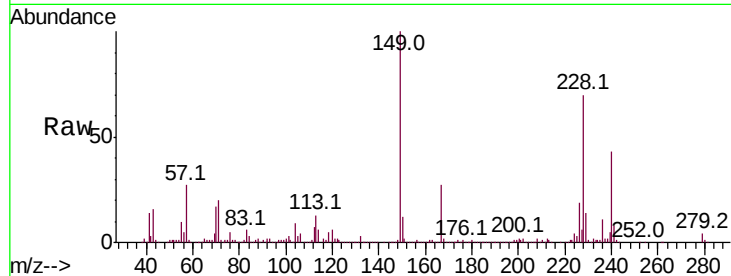
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.515 ng  
 RT: 13.85 min Scan# 1958  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 535373 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.7  | 21.3  | 31.9   |
| 279       | 3.9   | 3.0   | 4.4    |

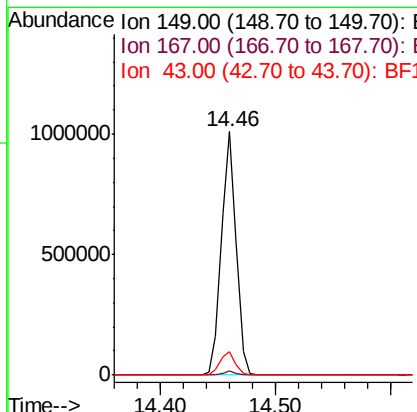
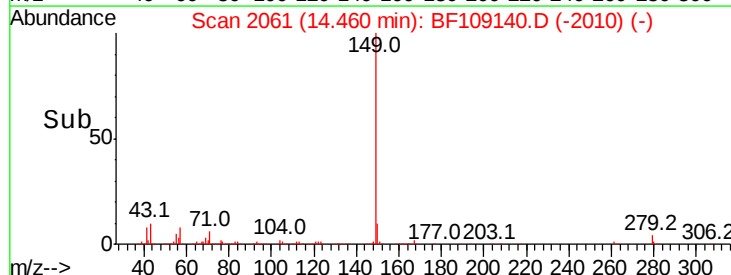
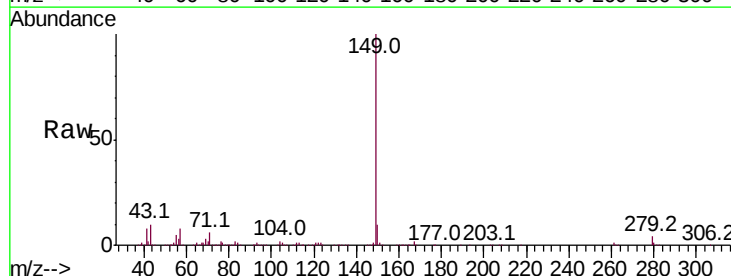
Manual Integrations  
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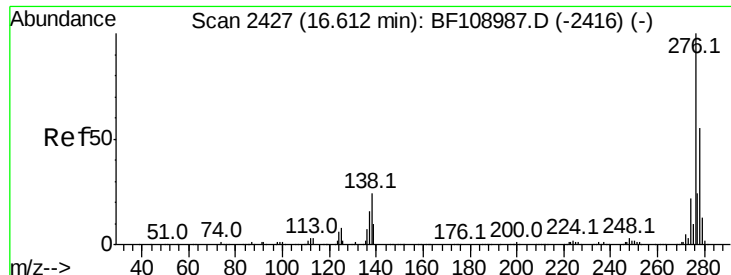
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 9/20/2018 10:06:27 AM



#84  
 Di-n-octyl phthalate  
 Concen: 39.023 ng  
 RT: 14.46 min Scan# 2061  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 896656 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 9.8   | 8.4   | 12.6   |





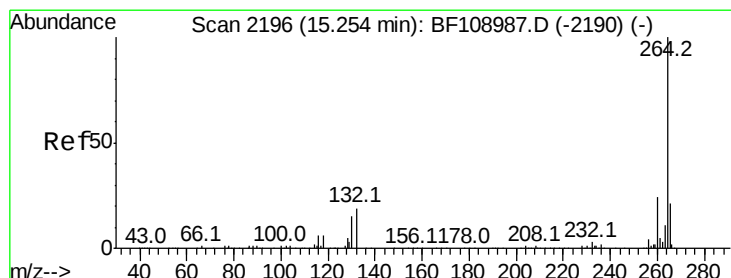
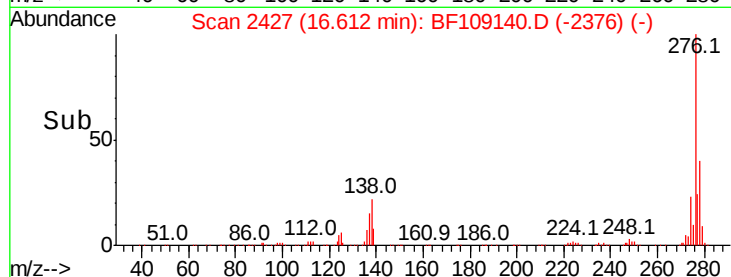
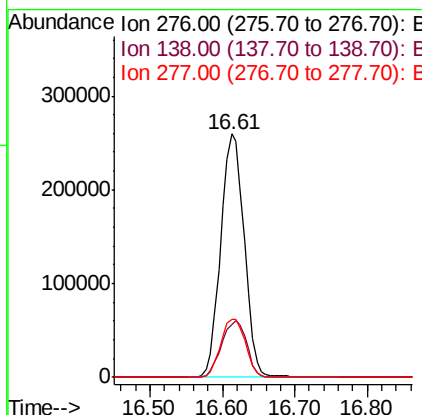
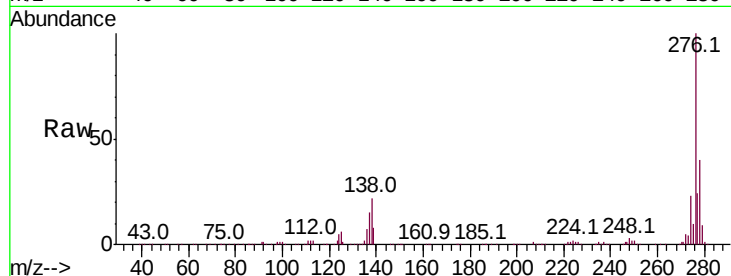
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.919 ng  
 RT: 16.61 min Scan# 2427  
 Delta R.T. -0.00 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.9  | 25.0  | 37.6# |
| 277     | 25.1  | 20.1  | 30.1  |

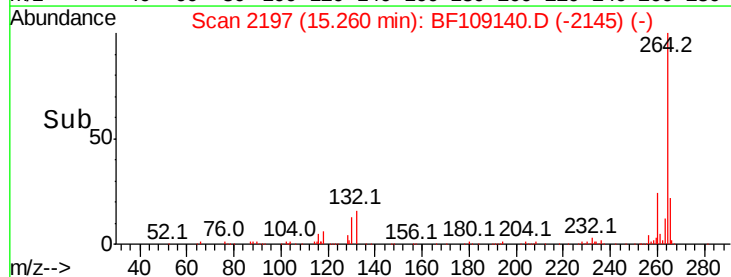
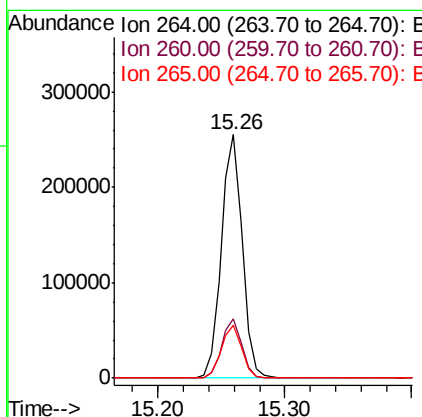
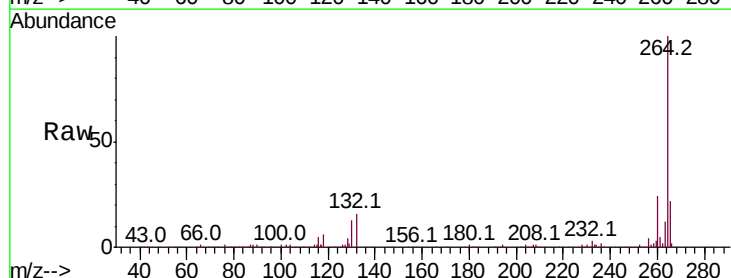
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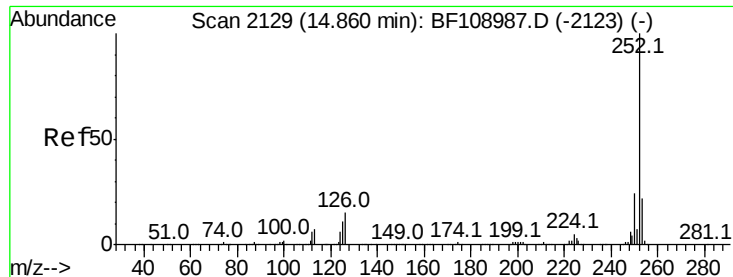
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.26 min Scan# 2197  
 Delta R.T. 0.01 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 19.2  | 28.8  |
| 265     | 21.8  | 17.5  | 26.3  |





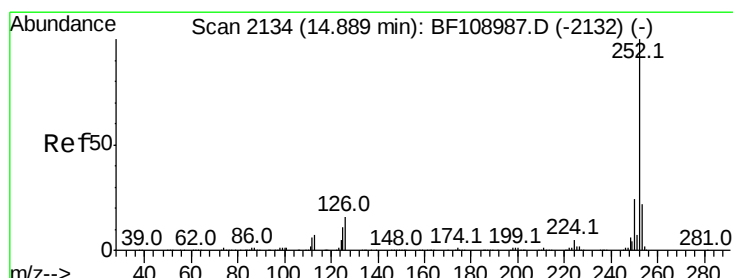
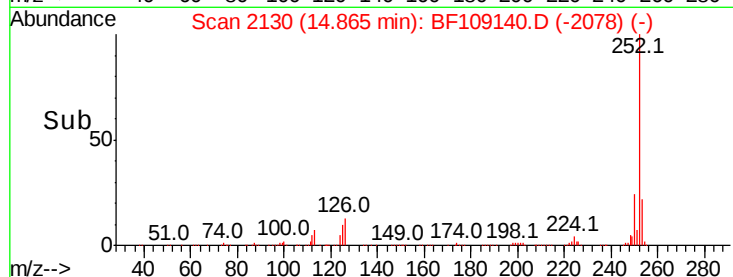
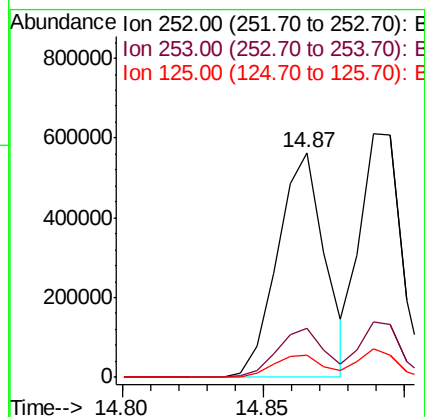
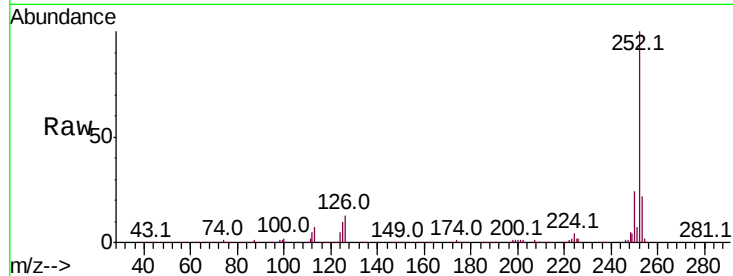
#87  
Benzo(b)fluoranthene  
Concen: 40.626 ng  
RT: 14.87 min Scan# 2130  
Delta R.T. 0.01 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.0  | 25.6  |
| 125     | 9.8   | 9.0   | 13.6  |

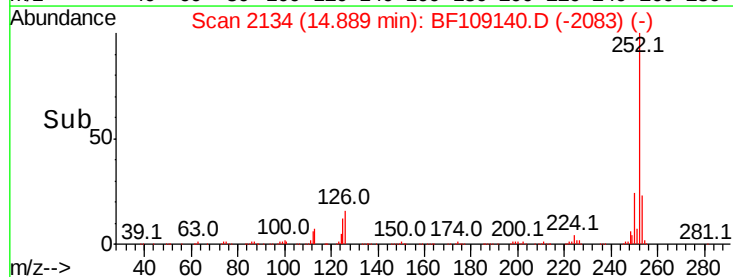
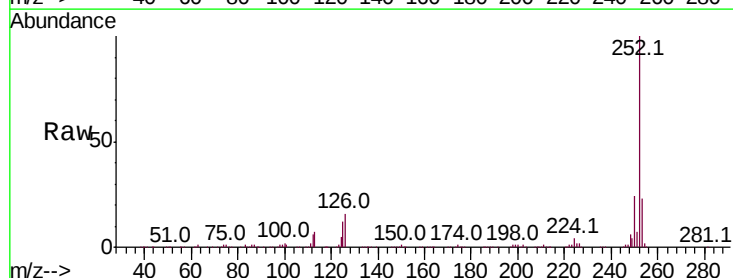
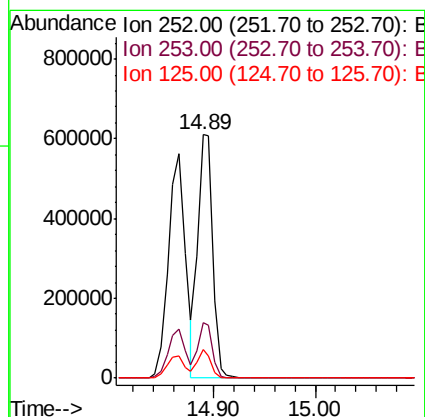
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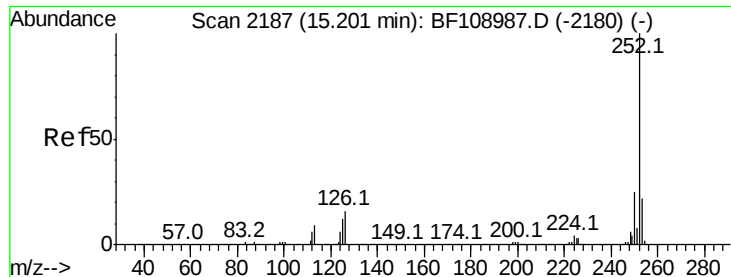
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#88  
Benzo(k)fluoranthene  
Concen: 41.331 ng  
RT: 14.89 min Scan# 2134  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.9  | 26.9  |
| 125     | 11.6  | 10.2  | 15.2  |





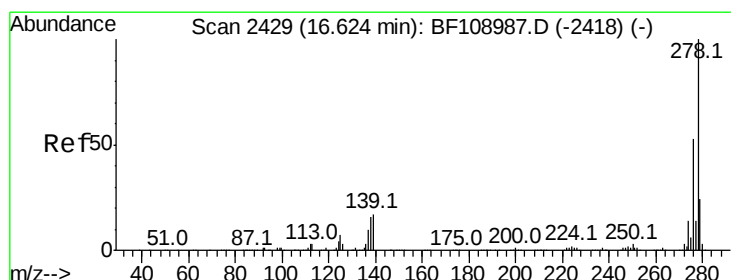
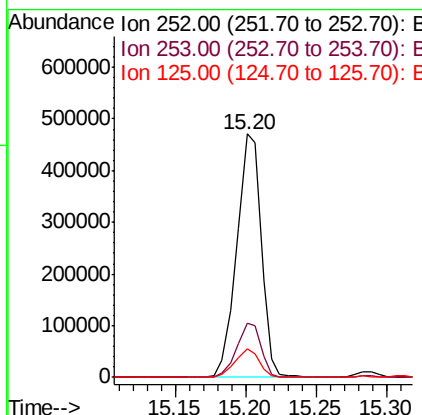
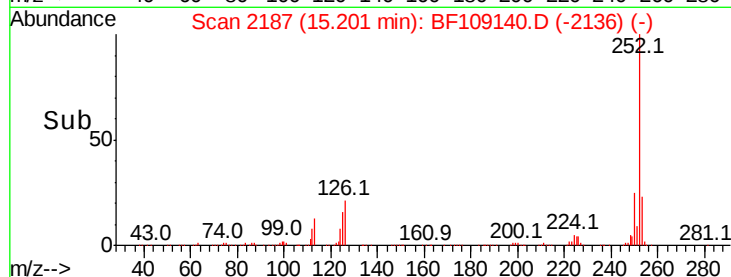
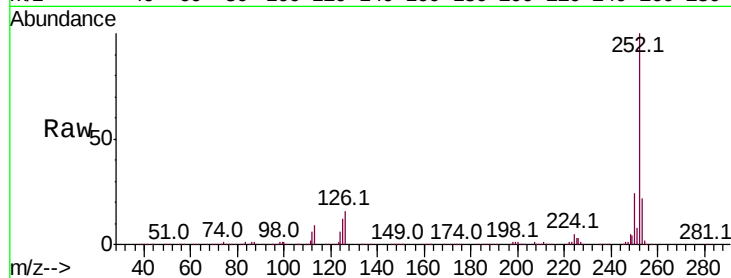
#89  
Benzo(a)pyrene  
Concen: 40.018 ng  
RT: 15.20 min Scan# 2187  
Delta R.T. -0.00 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.1  | 25.7  |
| 125     | 12.0  | 9.8   | 14.6  |

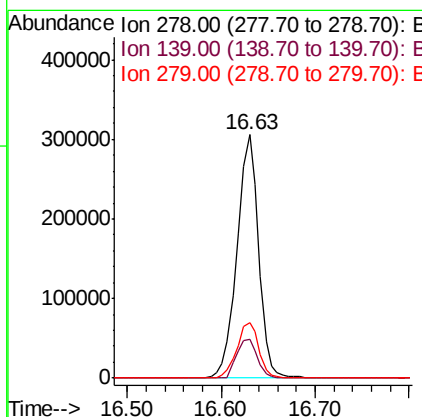
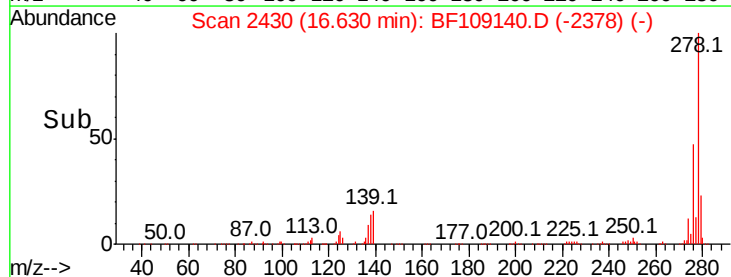
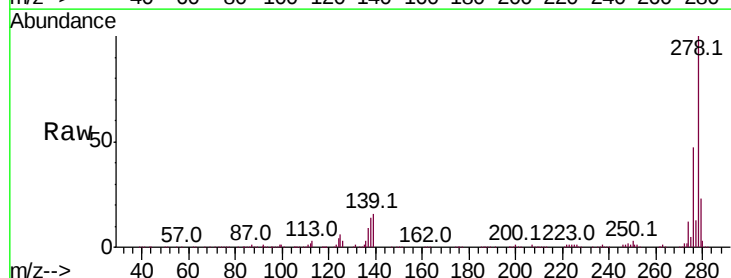
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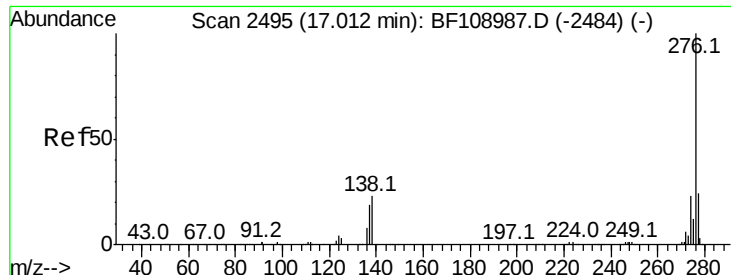
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#90  
Dibenzo(a,h)anthracene  
Concen: 40.655 ng  
RT: 16.63 min Scan# 2430  
Delta R.T. 0.01 min  
Lab File: BF109140.D  
Acq: 19 Sep 2018 13:39

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





#91  
 Benzo(a,h,i)perylene  
 Concen: 41.240 ng  
 RT: 17.02 min Scan# 2497  
 Delta R.T. 0.01 min  
 Lab File: BF109140.D  
 Acq: 19 Sep 2018 13:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 495937 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.9  | 17.9  | 26.9   |
| 138       | 20.3  | 21.8  | 32.8   |

Manual Integrations  
 APPROVED

Sohil  
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