

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\  
 Data File : BF109308.D  
 Acq On : 26 Sep 2018 1:40  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 9/26/2018 3:43:03 PM

Quant Time: Sep 26 08:05:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.71  | 152  | 113408   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 435577   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.74  | 164  | 185290   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.22 | 188  | 299487   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.84 | 240  | 240712   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.24 | 264  | 189149   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 564014  | 81.91 | ng | 0.00 |
| 7) Phenol-d6             | 6.35  | 99  | 705860  | 80.34 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.27  | 82  | 627793  | 85.08 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.53 | 330 | 133822  | 73.26 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.07  | 172 | 1068956 | 87.01 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.80 | 244 | 762615  | 77.75 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.36 | 88  | 126974  | 40.041 | ng | 93     |
| 3) Pyridine                    | 3.06 | 79  | 358512  | 43.927 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 2.99 | 42  | 137101  | 39.472 | ng | # 99   |
| 6) Aniline                     | 6.37 | 93  | 437504  | 38.921 | ng | # 71   |
| 8) 2-Chlorophenol              | 6.50 | 128 | 309626  | 40.438 | ng | 93     |
| 9) Benzaldehyde                | 6.25 | 77  | 222472  | 39.416 | ng | 97     |
| 10) Phenol                     | 6.36 | 94  | 387366  | 38.932 | ng | 74     |
| 11) bis(2-Chloroethyl)ether    | 6.45 | 93  | 303097  | 38.930 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146 | 350635  | 39.774 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.73 | 146 | 353180  | 39.766 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.88 | 146 | 321444  | 39.234 | ng | 99     |
| 15) Benzyl Alcohol             | 6.86 | 79  | 268249  | 39.887 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45  | 413077  | 37.404 | ng | 94     |
| 17) 2-Methylphenol             | 6.97 | 107 | 241467  | 38.975 | ng | 96     |
| 18) Hexachloroethane           | 7.22 | 117 | 106481  | 34.030 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70  | 217915  | 37.852 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.13 | 107 | 291367  | 38.953 | ng | # 77   |
| 22) Acetophenone               | 7.12 | 105 | 391514  | 38.878 | ng | # 93   |
| 24) Nitrobenzene               | 7.29 | 77  | 322694  | 41.131 | ng | 97     |
| 25) Isophorone                 | 7.53 | 82  | 511265  | 38.478 | ng | 98     |
| 26) 2-Nitrophenol              | 7.61 | 139 | 135922  | 43.808 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 235225  | 40.629 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93  | 343952  | 39.105 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 244331  | 40.167 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 7.94 | 180 | 265749  | 39.098 | ng | 96     |
| 31) Naphthalene                | 8.02 | 128 | 791108  | 38.867 | ng | 99     |
| 32) Benzoic acid               | 7.76 | 122 | 128085m | 34.743 | ng |        |
| 33) 4-Chloroaniline            | 8.06 | 127 | 354443  | 39.861 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.14 | 225 | 162347  | 39.620 | ng | 99     |
| 35) Caprolactam                | 8.43 | 113 | 76401   | 39.340 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 246914  | 38.575 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.70 | 142 | 498213  | 37.969 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 260600  | 44.193 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 8.86 | 237 | 11432   | 4.445  | ng | 96     |

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 SSTDCCC040

Manual Integrations  
 APPROVED

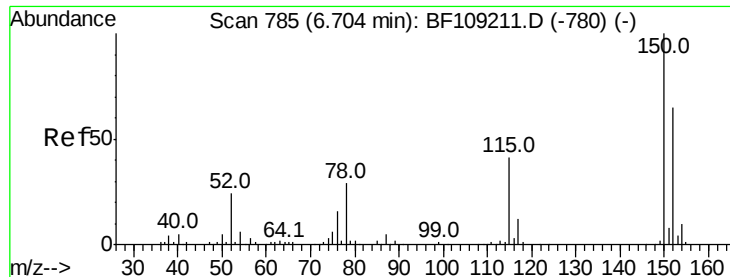
Sohil  
 9/26/2018 3:43:03 PM

Quant Time: Sep 26 08:05:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 8.99  | 196  | 161604   | 42.700 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.03  | 196  | 158201m  | 39.579 | nq    |          |
| 45) 1,1'-Biphenyl              | 9.17  | 154  | 640392   | 42.419 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.19  | 162  | 496483   | 41.166 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.29  | 65   | 153073   | 44.766 | nq    | 97       |
| 48) Acenaphthylene             | 9.60  | 152  | 715297   | 39.314 | nq    | 99       |
| 49) Dimethylphthalate          | 9.47  | 163  | 563605   | 41.820 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.53  | 165  | 114221   | 42.794 | nq    | 99       |
| 51) Acenaphthene               | 9.77  | 154  | 420480   | 38.225 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.69  | 138  | 138148   | 44.693 | nq    | 97       |
| 53) 2,4-Dinitrophenol          | 9.80  | 184  | 2091     | 10.476 | nq    | # 23     |
| 54) Dibenzofuran               | 9.95  | 168  | 629253   | 38.465 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.85  | 139  | 76876    | 33.015 | nq    | 93       |
| 56) 2,4-Dinitrotoluene         | 9.93  | 165  | 135003   | 39.975 | nq    | # 98     |
| 57) Fluorene                   | 10.29 | 166  | 424104   | 36.334 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 112792   | 35.639 | nq    | 90       |
| 59) Diethylphthalate           | 10.16 | 149  | 537749   | 39.404 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.28 | 204  | 235382   | 38.609 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.30 | 138  | 125326   | 41.575 | nq    | 97       |
| 62) Azobenzene                 | 10.44 | 77   | 499617   | 35.236 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.34 | 198  | 6420     | 11.148 | nq    | 84       |
| 65) n-Nitrosodiphenylamine     | 10.40 | 169  | 441646   | 44.634 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 10.77 | 248  | 145565   | 43.770 | nq    | # 85     |
| 67) Hexachlorobenzene          | 10.84 | 284  | 147903   | 41.874 | nq    | # 91     |
| 68) Atrazine                   | 10.93 | 200  | 127990   | 42.058 | nq    | 96       |
| 69) Pentachlorophenol          | 11.03 | 266  | 79108    | 37.421 | nq    | 98       |
| 70) Phenanthrene               | 11.25 | 178  | 602420   | 40.287 | nq    | 99       |
| 71) Anthracene                 | 11.29 | 178  | 603841   | 39.814 | nq    | 99       |
| 72) Carbazole                  | 11.45 | 167  | 589491   | 39.065 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.79 | 149  | 712166   | 40.995 | nq    | 99       |
| 74) Fluoranthene               | 12.43 | 202  | 629021   | 39.363 | nq    | 96       |
| 76) Benzidine                  | 12.55 | 184  | 458517   | 52.832 | nq    | 99       |
| 77) Pyrene                     | 12.65 | 202  | 657626   | 38.120 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.27 | 149  | 299329   | 40.783 | nq    | 98       |
| 80) Benzo(a)anthracene         | 13.83 | 228  | 546187   | 37.671 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.80 | 252  | 238213   | 43.232 | nq    | 98       |
| 82) Chrysene                   | 13.87 | 228  | 551791   | 38.397 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 378189   | 40.858 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.44 | 149  | 688247   | 43.487 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.60 | 276  | 376689   | 32.339 | nq    | # 93     |
| 87) Benzo(b)fluoranthene       | 14.85 | 252  | 432364   | 41.599 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 14.87 | 252  | 416049   | 42.184 | nq    | 97       |
| 89) Benzo(a)pyrene             | 15.19 | 252  | 373798   | 39.912 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.61 | 278  | 317161   | 41.279 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 17.00 | 276  | 312170   | 41.340 | nq    | # 93     |
| -----                          |       |      |          |        |       |          |

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





#1

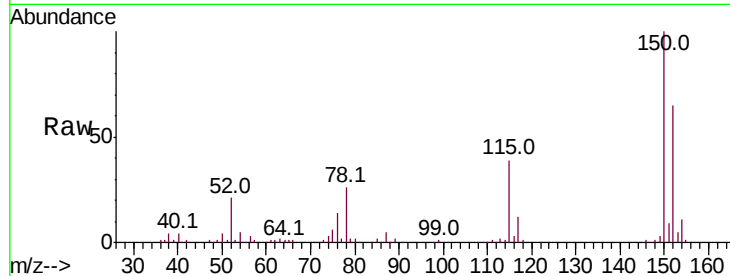
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.71 min Scan# 786  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.9 | 124.6 | 186.8 |
| 115     | 60.1  | 50.1  | 75.1  |

Manual Integrations  
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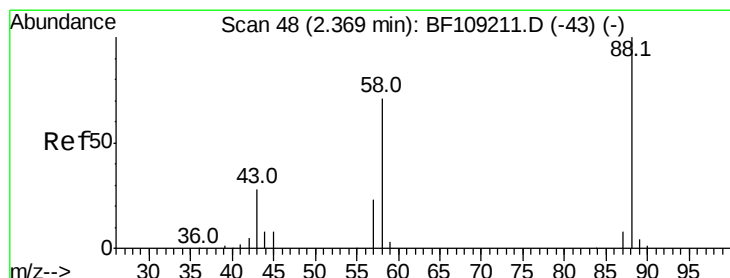
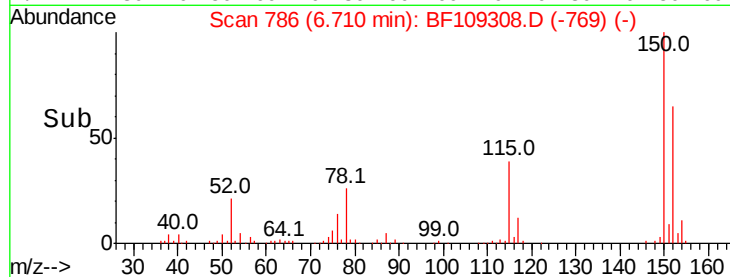
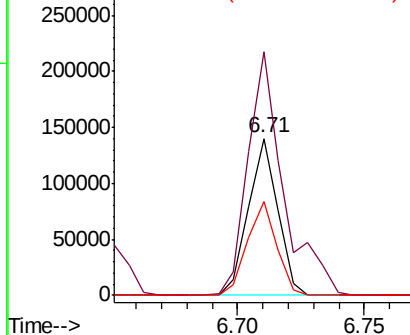


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

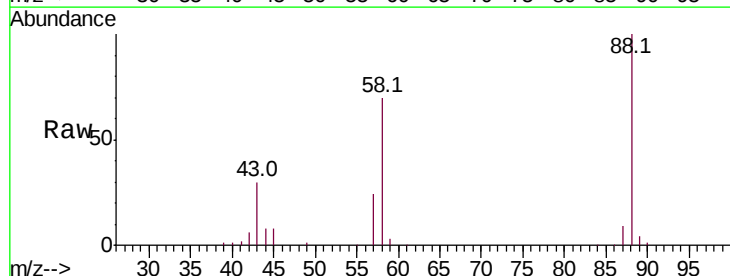
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 40.041 ng  
RT: 2.36 min Scan# 46  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.9  | 62.6  | 93.8  |
| 43      | 29.8  | 24.6  | 37.0  |

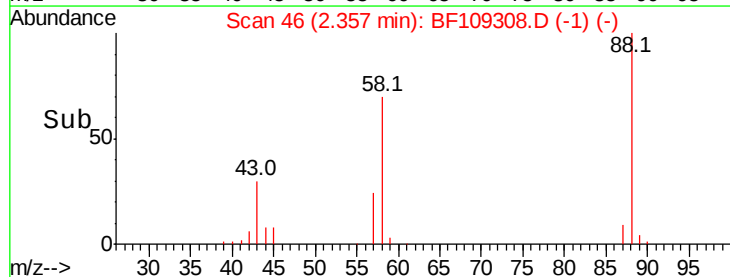
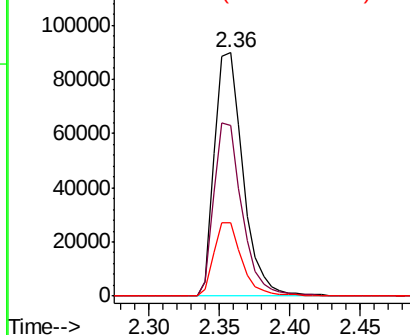


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 43.927 ng

RT: 3.06 min Scan# 165

Delta R.T. -0.01 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

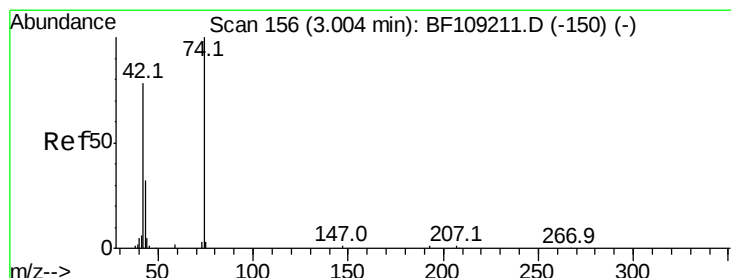
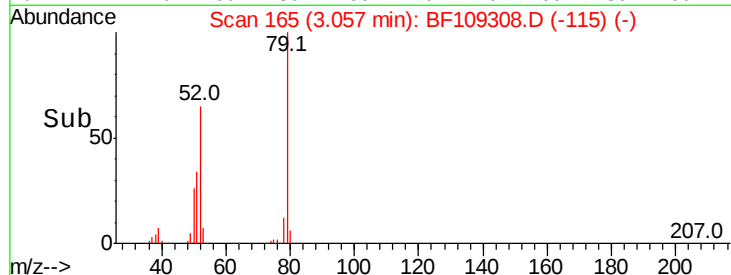
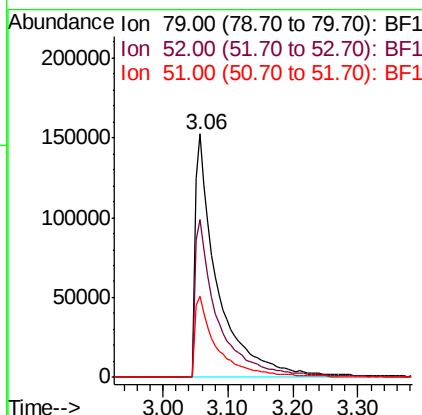
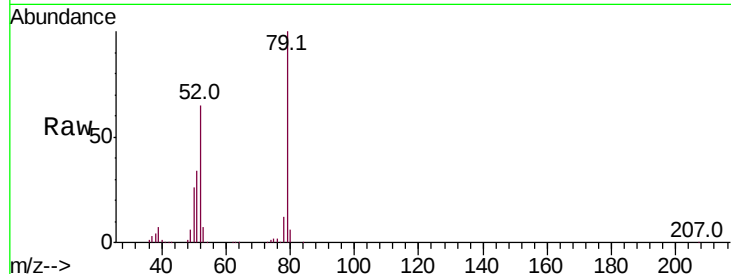
ClientSampleId :

SSTDCCC040

| Tot Ion   | 79    | Resp  | 358512 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 64.9  | 59.8  | 89.6   |
| 51        | 33.5  | 29.8  | 44.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 39.472 ng

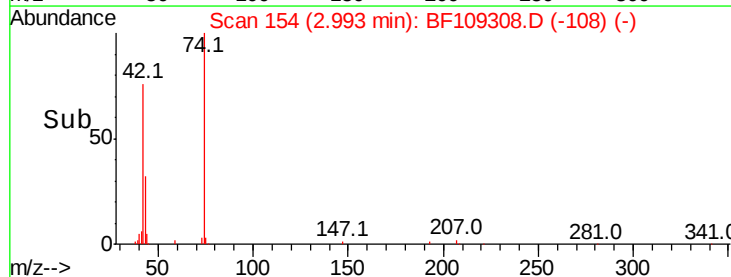
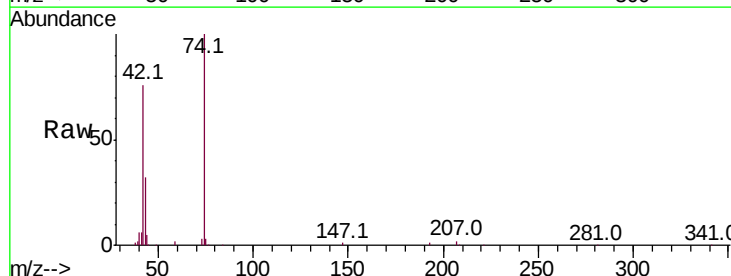
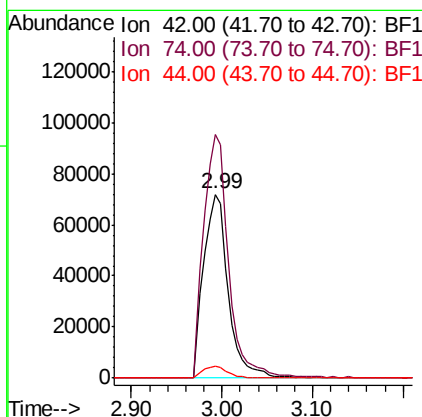
RT: 2.99 min Scan# 154

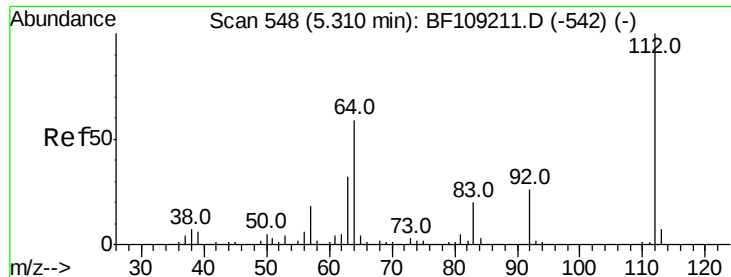
Delta R.T. -0.03 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

| Tgt Ion   | 42    | Resp  | 137101 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 132.4 | 104.9 | 157.3  |
| 44        | 6.3   | 6.9   | 10.3#  |





#5

2-Fluorophenol

Concen: 81.914 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

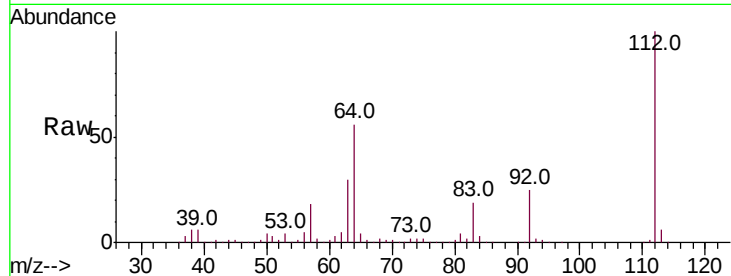
ClientSampleId :

SSTDCCC040

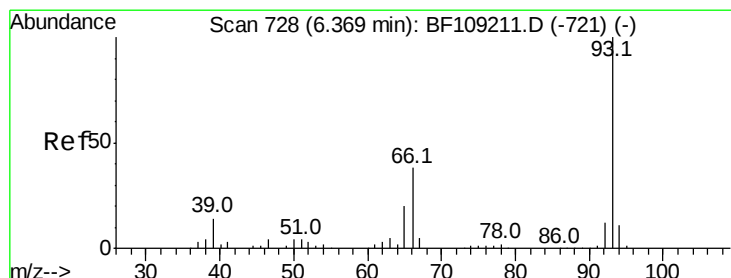
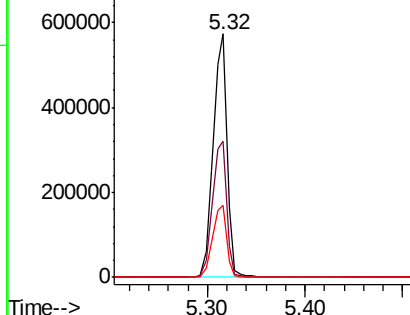
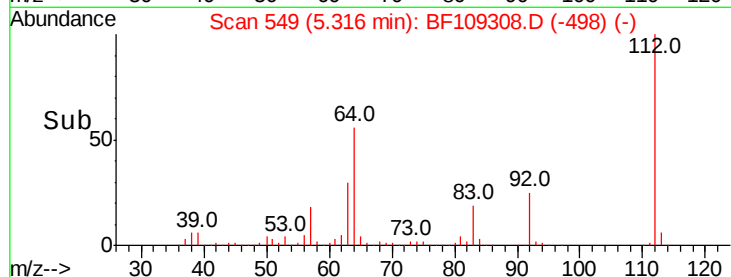
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 564014 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.1  | 47.9  | 71.9   |
| 63        | 29.7  | 23.7  | 35.5   |

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Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.921 ng

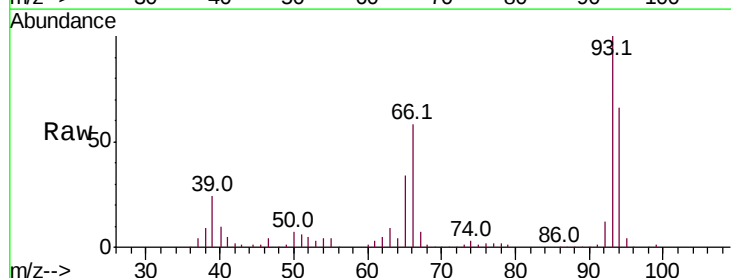
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

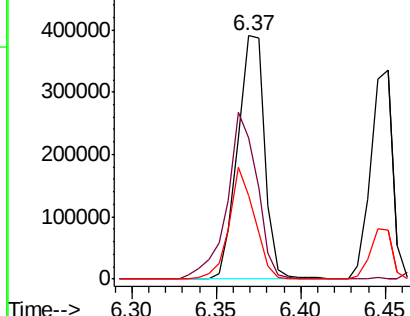
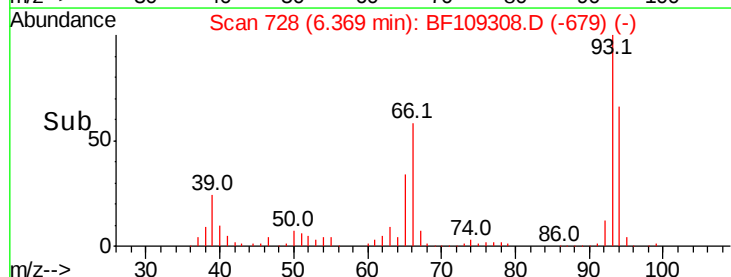
Lab File: BF109308.D

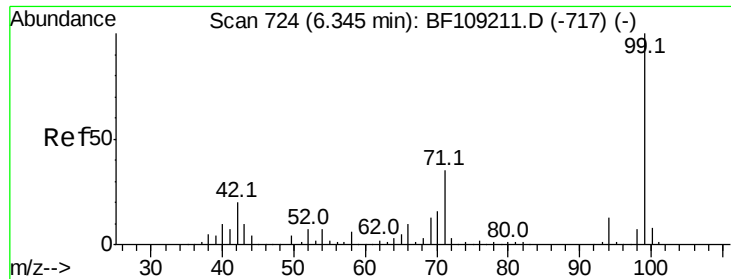
Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 437504 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 58.2  | 32.2  | 48.2#  |
| 65        | 34.2  | 16.4  | 24.6#  |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.339 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

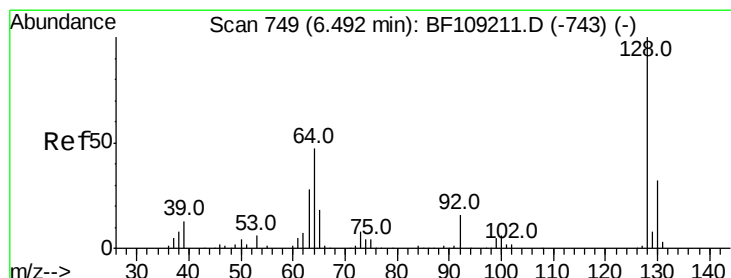
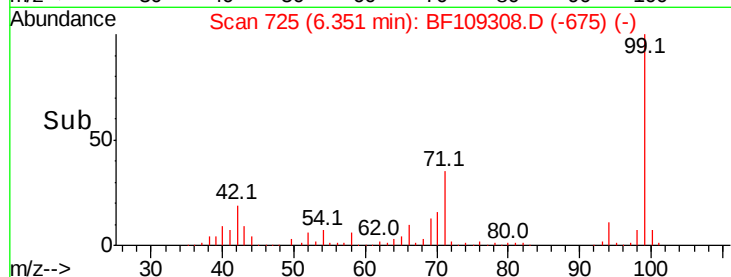
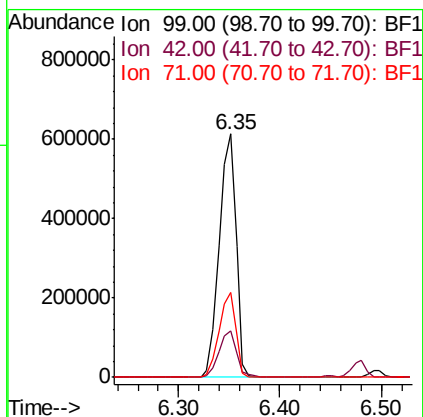
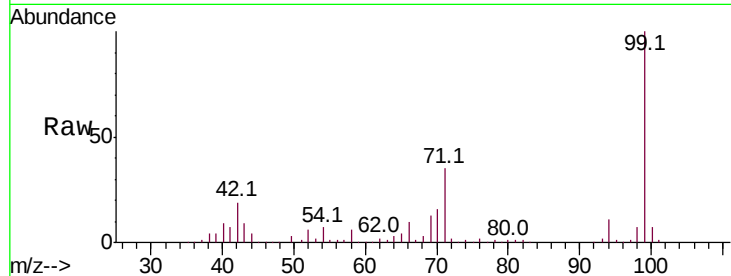
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 705860 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.1  | 14.5  | 21.7   |
| 71        | 34.7  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.438 ng

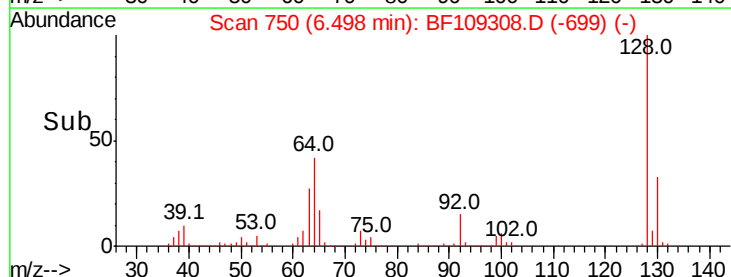
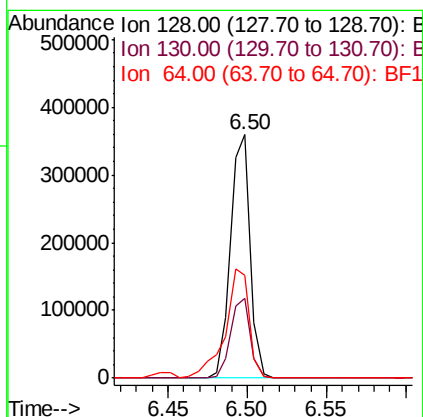
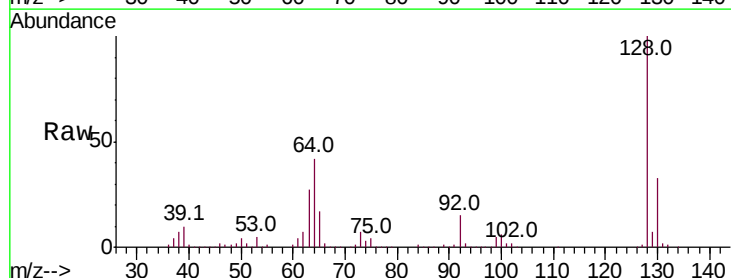
RT: 6.50 min Scan# 750

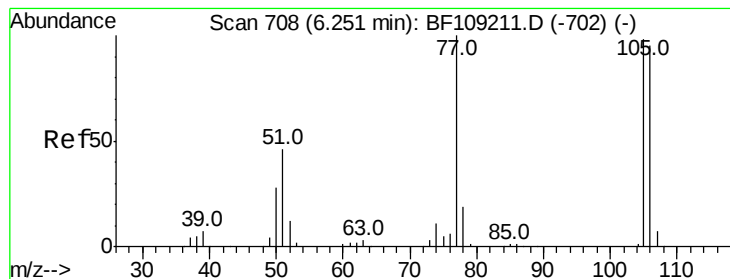
Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 309626 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.6  | 13.0  | 53.0   |
| 64        | 42.1  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 39.416 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 222472

Ion Ratio Lower Upper

77 100

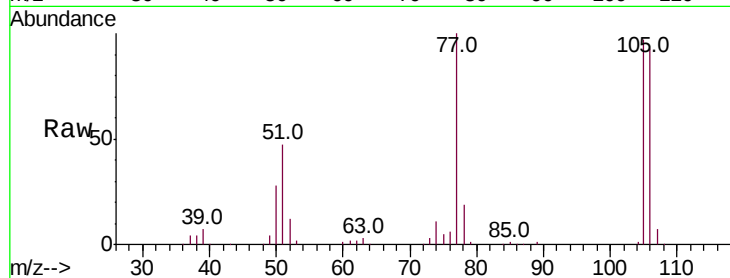
105 96.9 81.1 121.1

106 93.2 74.5 114.5

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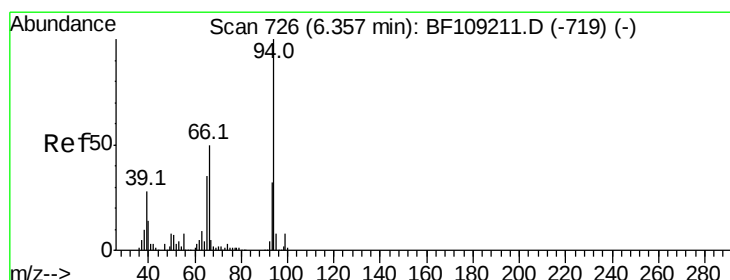
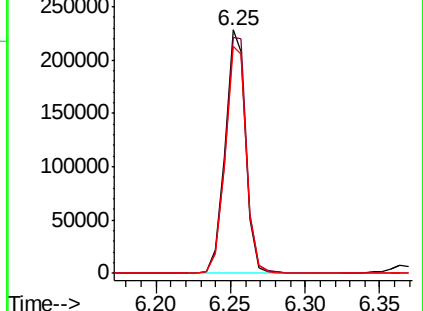
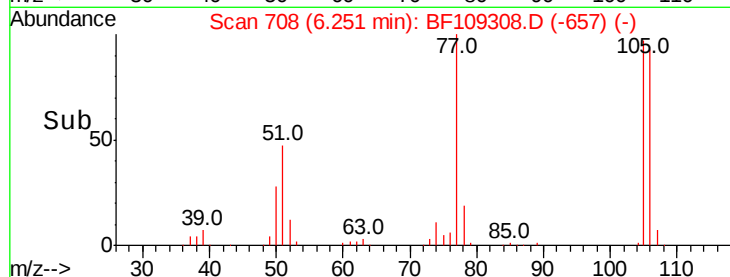
9/26/2018 3:43:03 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.932 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

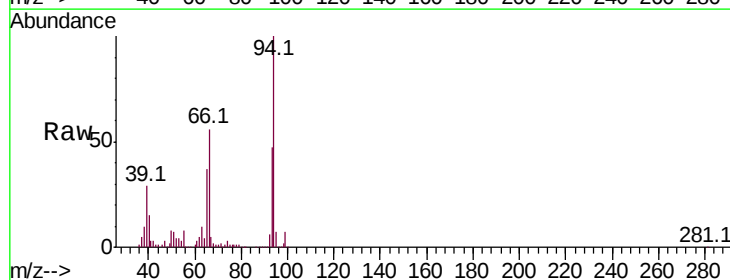
Tgt Ion: 94 Resp: 387366

Ion Ratio Lower Upper

94 100

65 37.2 7.9 47.9

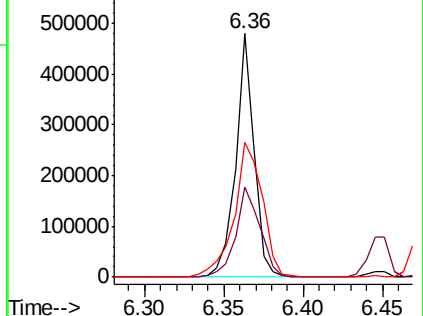
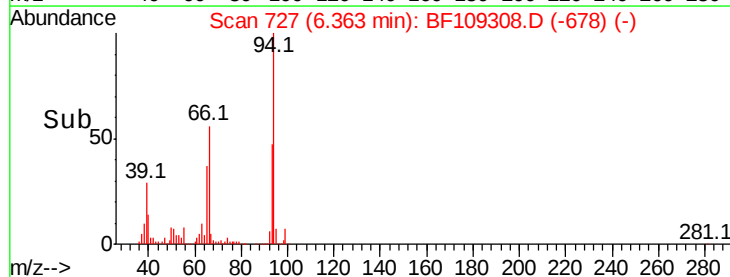
66 55.6 16.2 56.2

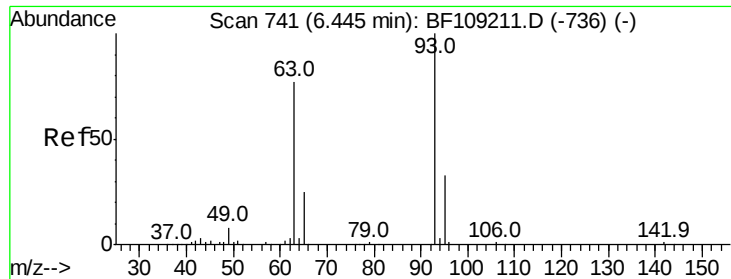


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





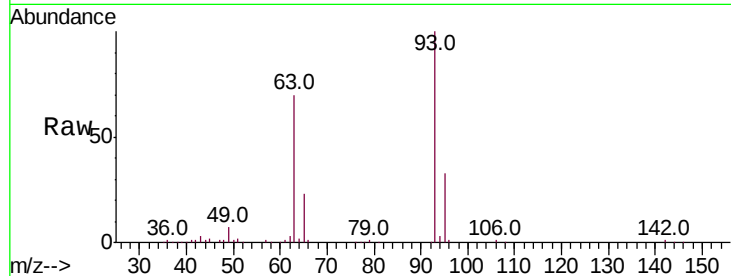
#11  
bis(2-Chloroethyl)ether  
Concen: 38.930 ng  
RT: 6.45 min Scan# 742  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 63      | 70.1  | 58.6 | 98.6  |       |
| 95      | 33.1  | 11.8 | 51.8  |       |

Manual Integrations  
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9/26/2018 3:43:03 PM

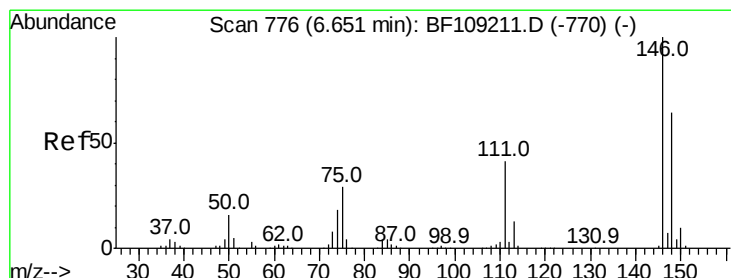
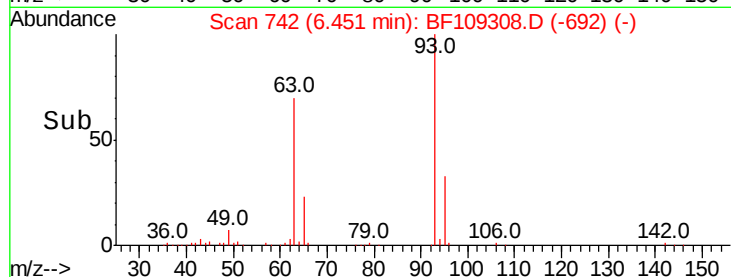
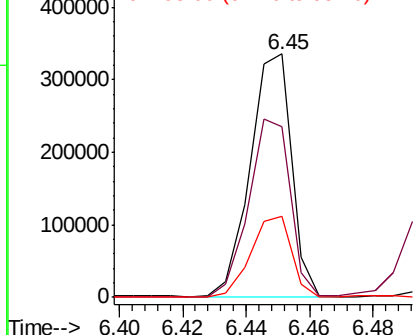


Abundance

Ion 93.00 (92.70 to 93.70): BF1

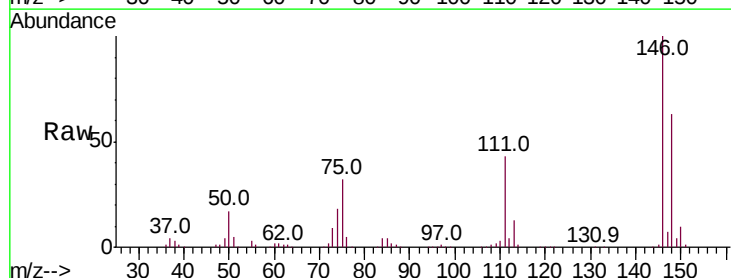
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12  
1,3-Dichlorobenzene  
Concen: 39.774 ng  
RT: 6.65 min Scan# 776  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 63.3  | 51.8 | 77.8  |       |
| 75      | 31.6  | 24.2 | 36.4  |       |

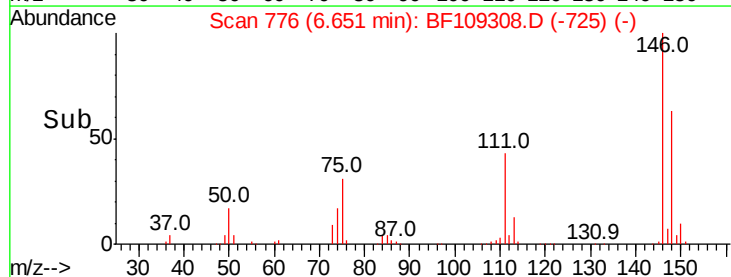
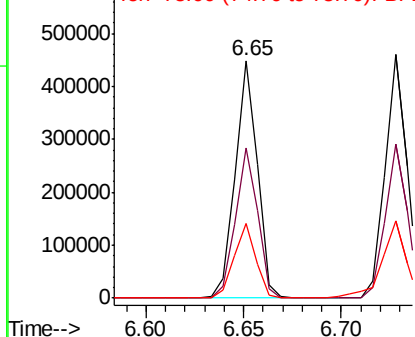


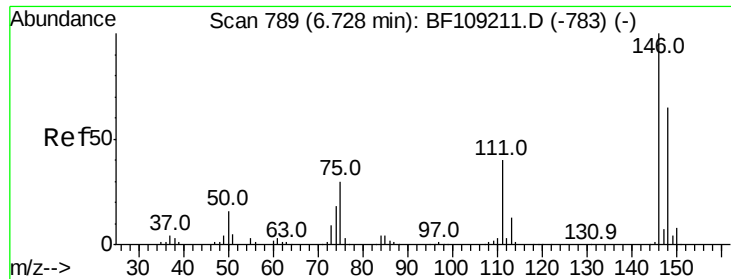
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





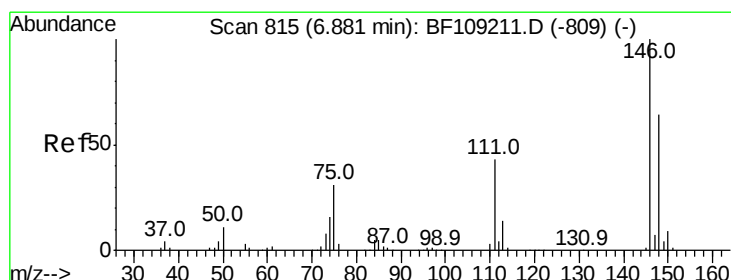
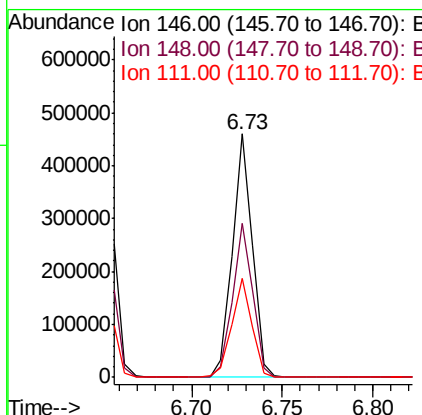
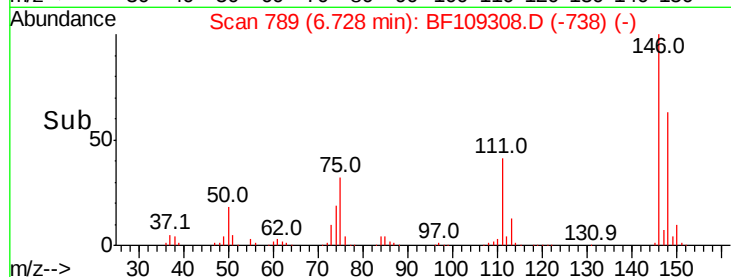
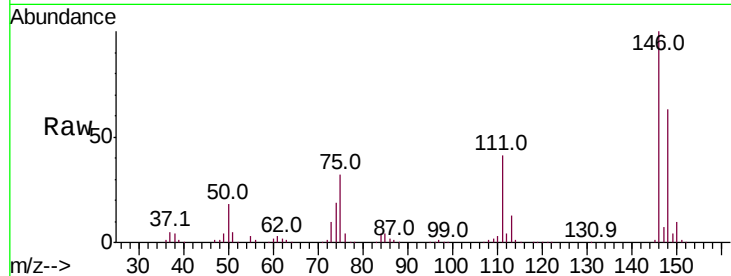
#13  
 1,4-Dichlorobenzene  
 Concen: 39.766 ng  
 RT: 6.73 min Scan# 789  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 50.8  | 76.2  |
| 111     | 40.9  | 34.2  | 51.2  |

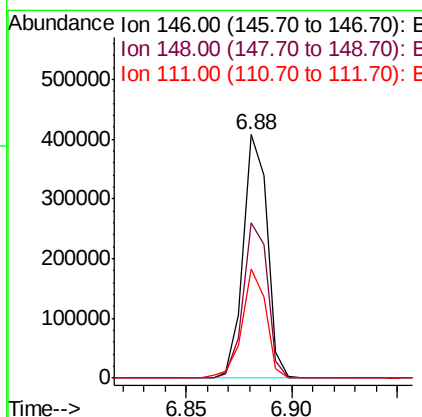
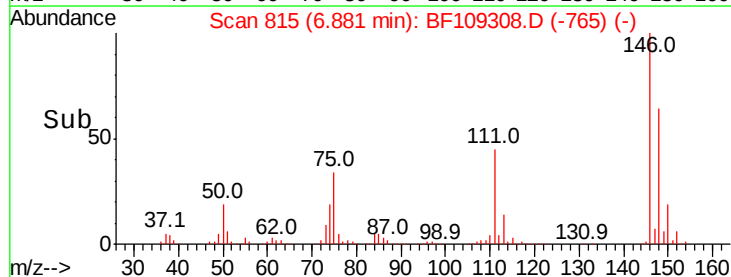
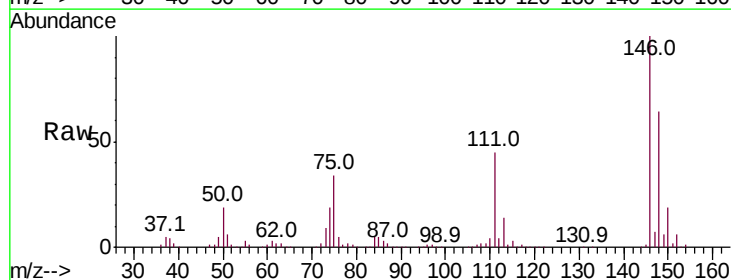
Manual Integrations  
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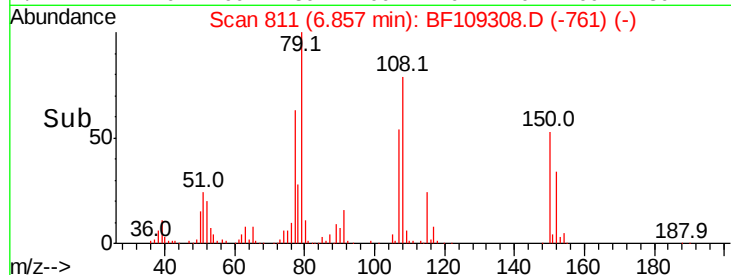
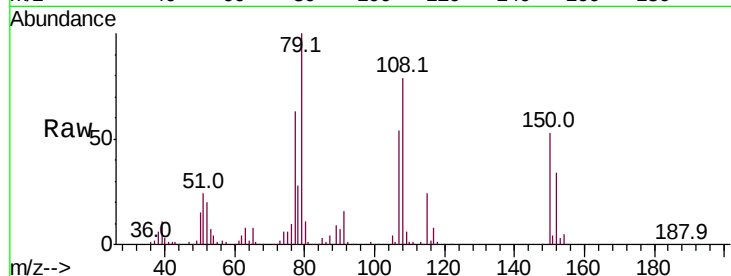
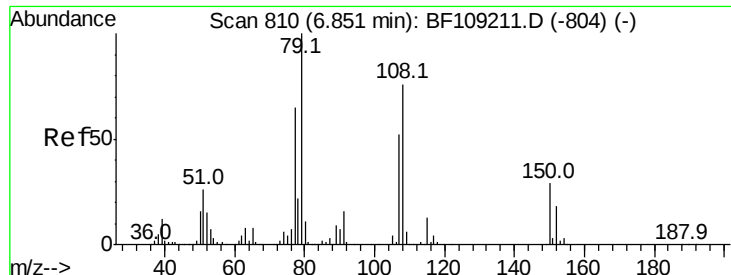
Sohil  
 9/26/2018 3:43:03 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 39.234 ng  
 RT: 6.88 min Scan# 815  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 50.6  | 75.8  |
| 111     | 44.9  | 36.0  | 54.0  |





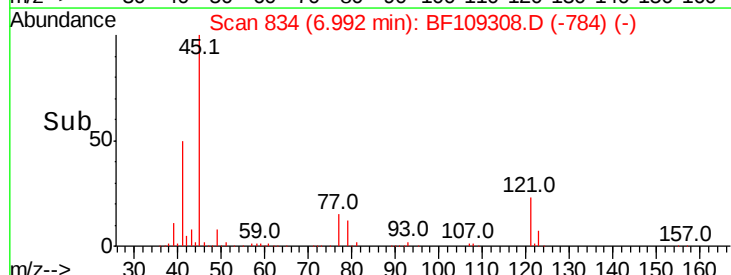
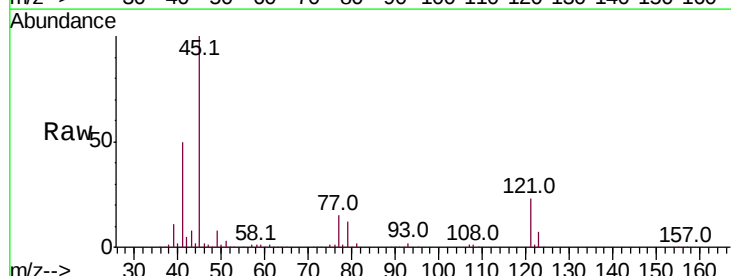
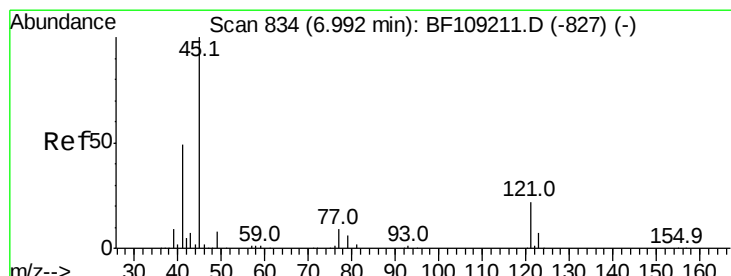
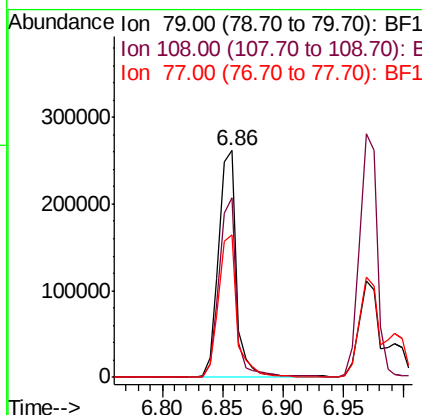
#15  
Benzyl Alcohol  
Concen: 39.887 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Tot Ion: 79 Resp: 268249  
Ion Ratio Lower Upper  
79 100  
108 79.3 65.1 97.7  
77 63.0 50.6 75.8

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

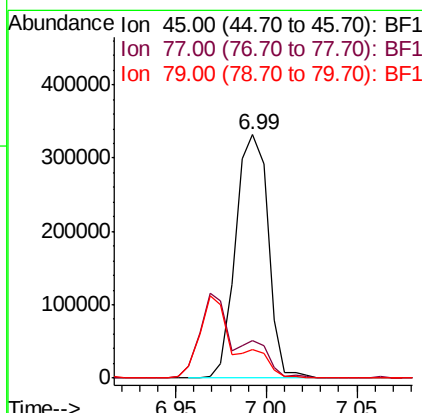
Manual Integrations  
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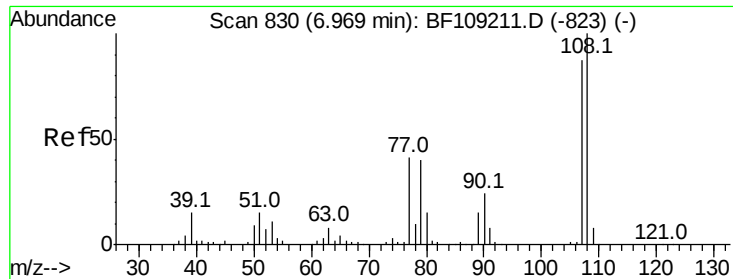
Sohil  
9/26/2018 3:43:03 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.404 ng  
RT: 6.99 min Scan# 834  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Tgt Ion: 45 Resp: 413077  
Ion Ratio Lower Upper  
45 100  
77 15.2 0.0 32.9  
79 11.8 0.0 29.6





#17

2-Methylphenol

Concen: 38.975 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

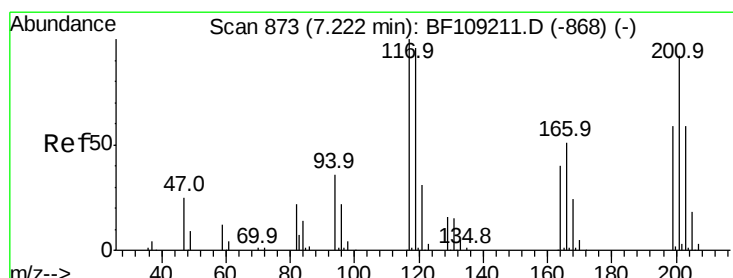
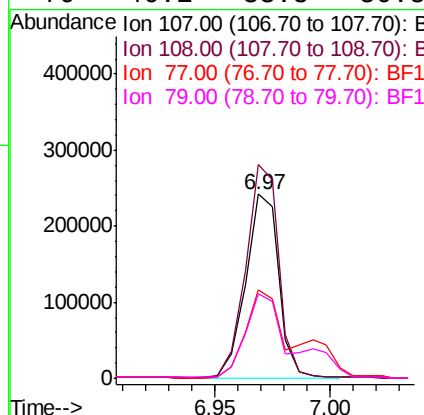
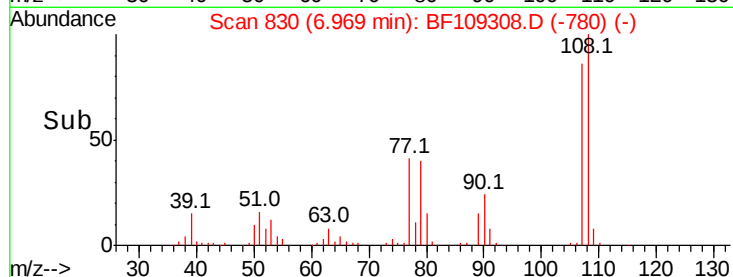
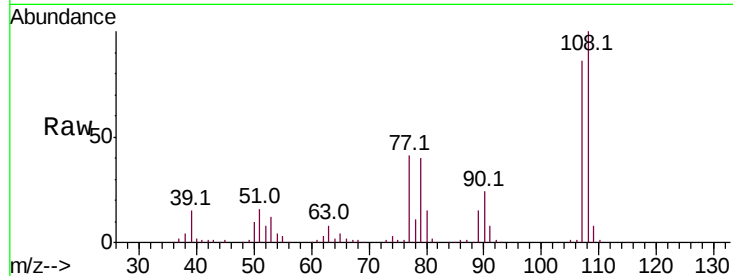
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 241467 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 116.2 | 91.7  | 137.5  |
| 77        | 47.7  | 33.8  | 50.8   |
| 79        | 46.1  | 33.8  | 50.8   |

Manual Integrations  
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#18

Hexachloroethane

Concen: 34.030 ng

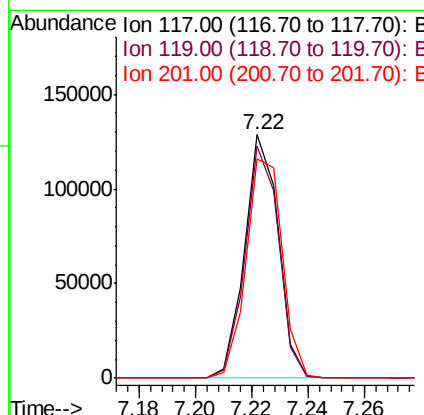
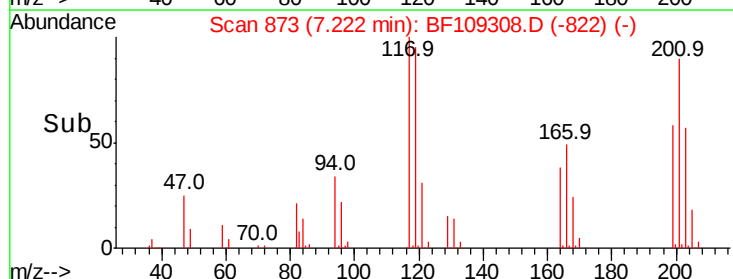
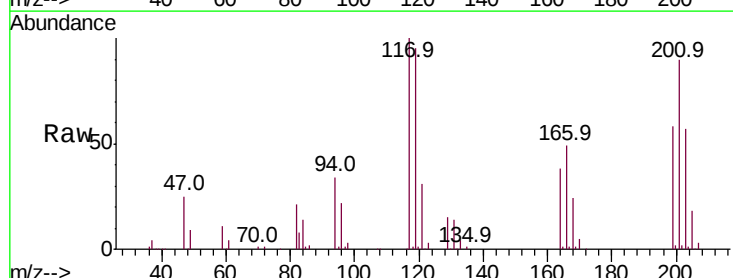
RT: 7.22 min Scan# 873

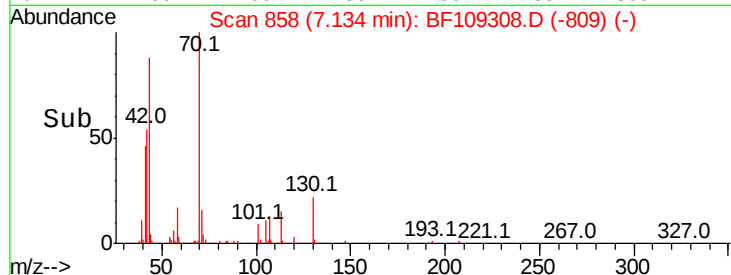
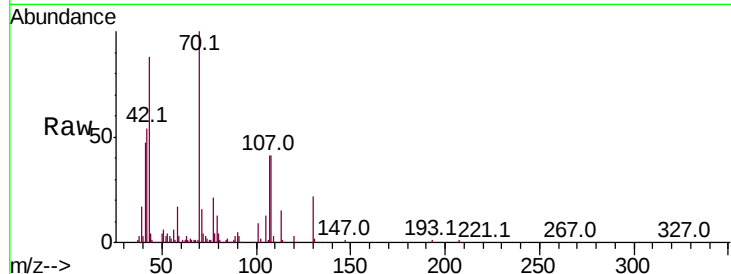
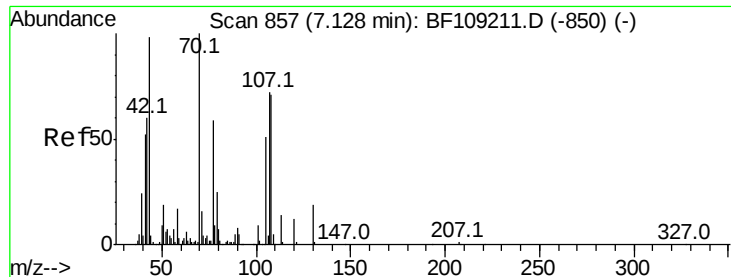
Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 106481 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.4  | 75.8  | 113.8  |
| 201       | 89.8  | 75.7  | 113.5  |





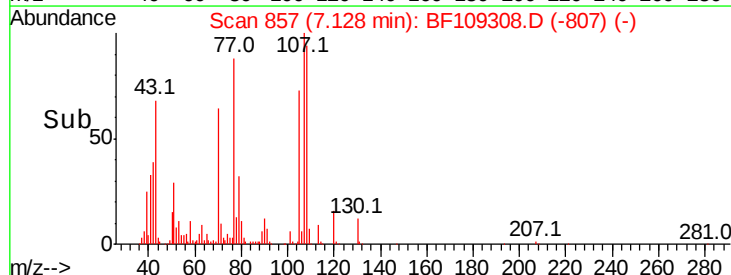
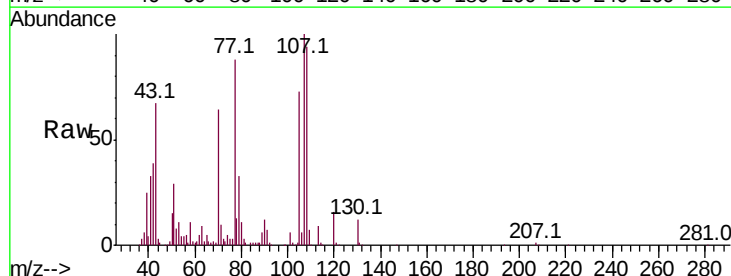
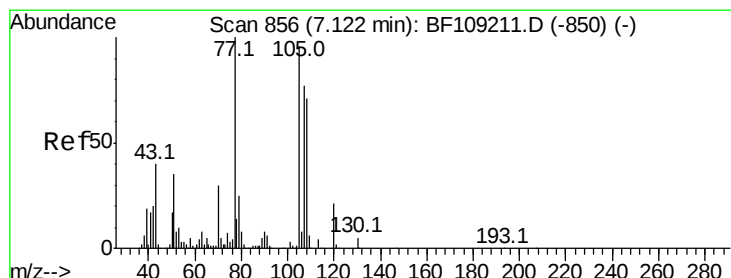
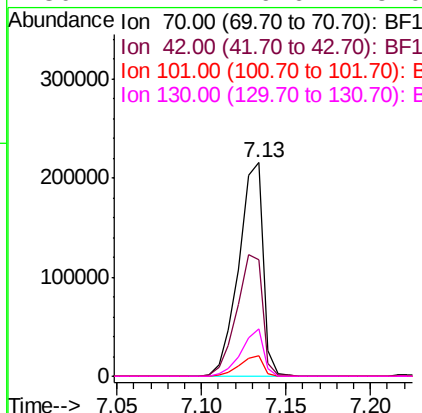
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.852 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 54.4 |       | 47.5 | 71.3  |       |
| 101     | 9.5  |       | 7.4  | 11.2  |       |
| 130     | 22.2 |       | 16.6 | 25.0  |       |

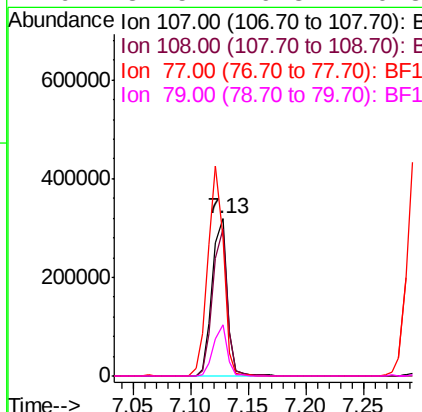
Manual Integrations  
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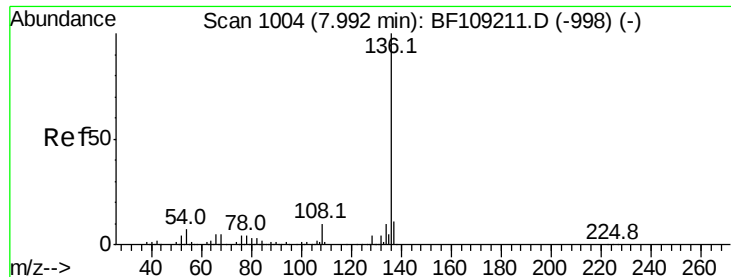
Sohil  
9/26/2018 3:43:03 PM



#20  
3+4-Methylphenols  
Concen: 38.953 ng  
RT: 7.13 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 108     | 93.9 |       | 68.2 | 108.2 |       |
| 77      | 88.3 |       | 26.7 | 66.7# |       |
| 79      | 32.5 |       | 6.3  | 46.3  |       |





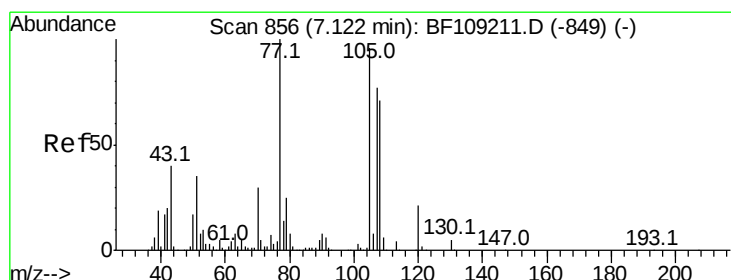
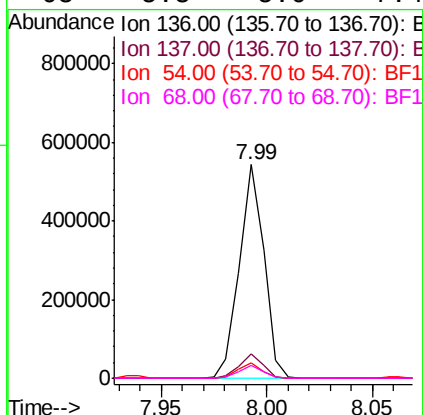
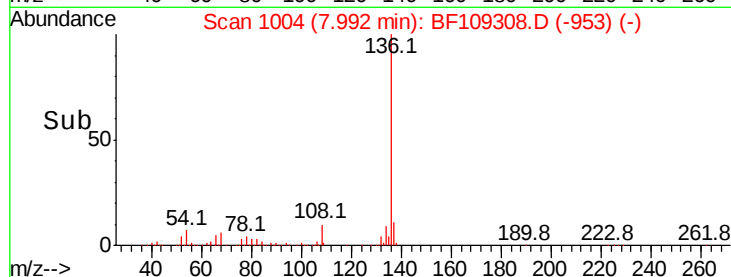
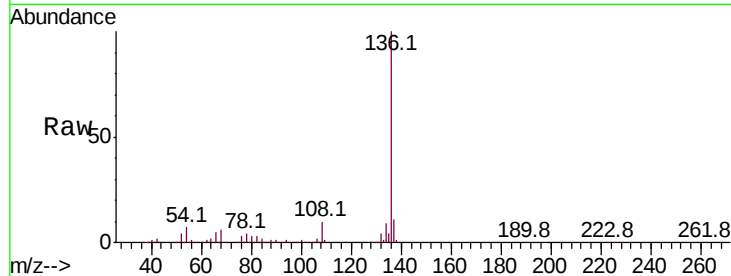
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.2  | 8.9  | 13.3  |       |
| 54      | 7.1   | 6.6  | 9.8   |       |
| 68      | 5.8   | 5.0  | 7.4   |       |

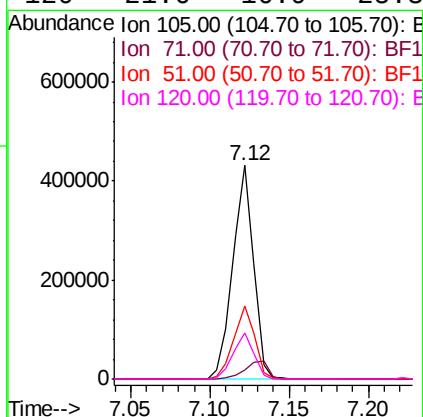
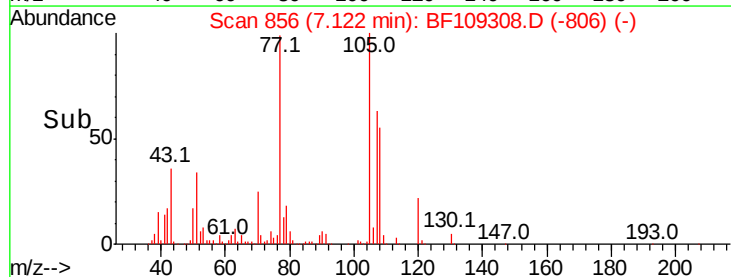
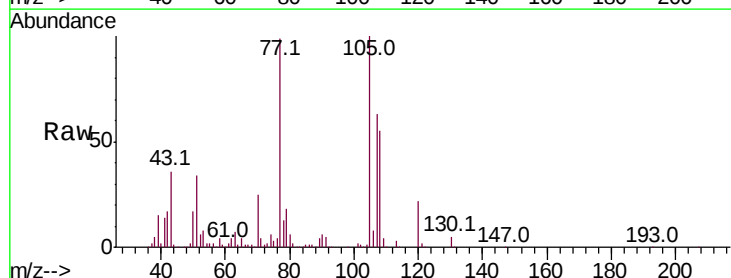
Manual Integrations  
APPROVED

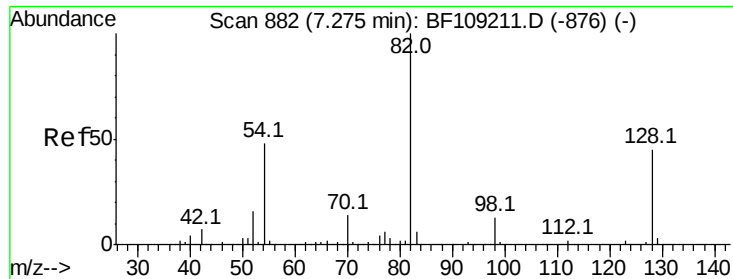
Sohil  
9/26/2018 3:43:03 PM



#22  
Acetophenone  
Concen: 38.878 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 4.3   | 4.4  | 6.6#  |       |
| 51      | 34.4  | 22.3 | 33.5# |       |
| 120     | 21.6  | 16.9 | 25.3  |       |





#23

Nitrobenzene-d5

Concen: 85.082 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

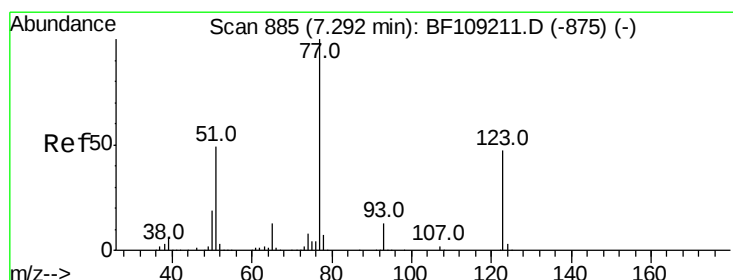
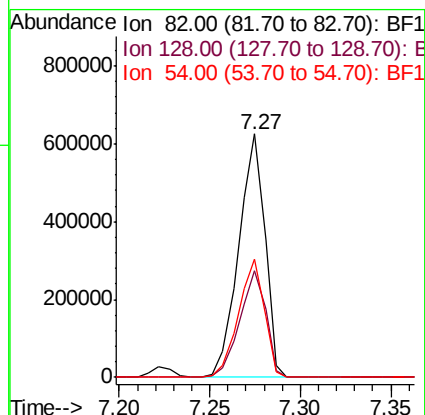
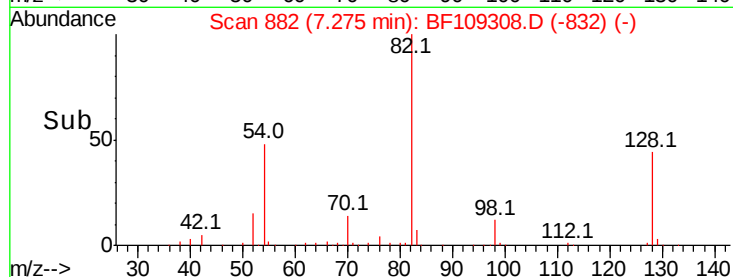
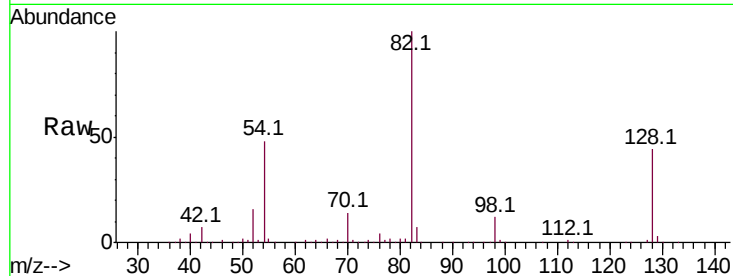
ClientSampleId :

SSTDCCC040

| Tot Ion   | 82    | Resp  | 627793 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.1  | 36.1  | 54.1   |
| 54        | 48.4  | 41.4  | 62.2   |

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#24

Nitrobenzene

Concen: 41.131 ng

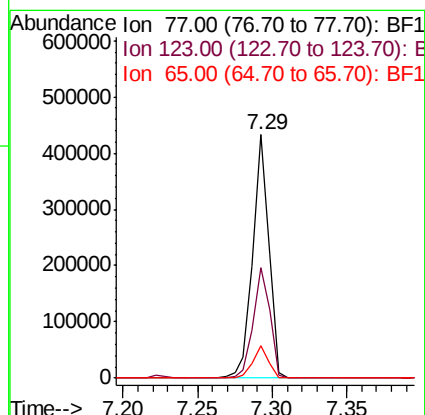
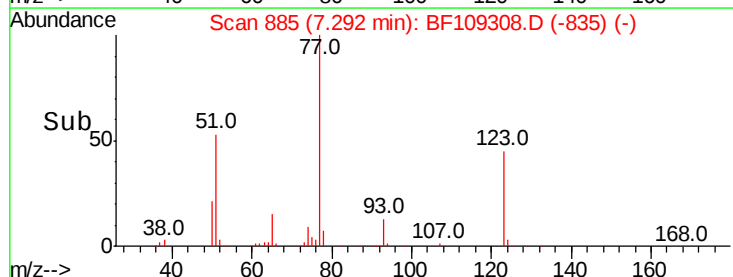
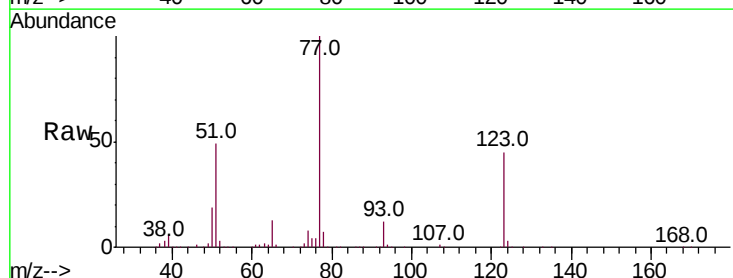
RT: 7.29 min Scan# 885

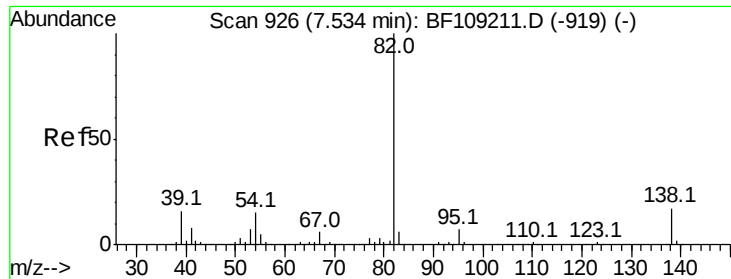
Delta R.T. -0.01 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

| Tgt Ion   | 77    | Resp  | 322694 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 45.4  | 37.9  | 56.9   |
| 65        | 13.3  | 11.0  | 16.4   |





#25

Isophorone

Concen: 38.478 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

ClientSampleId :

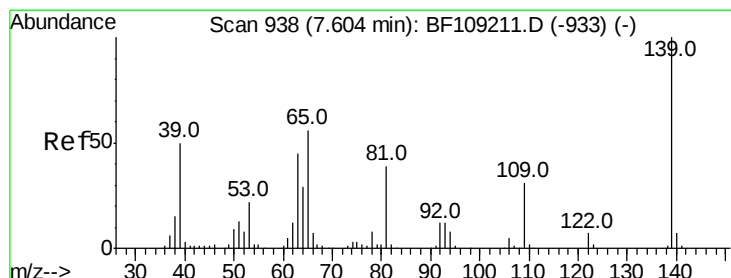
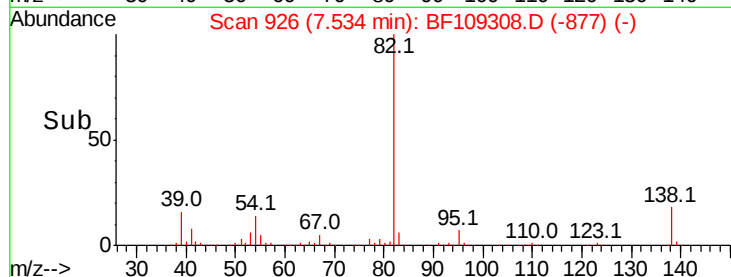
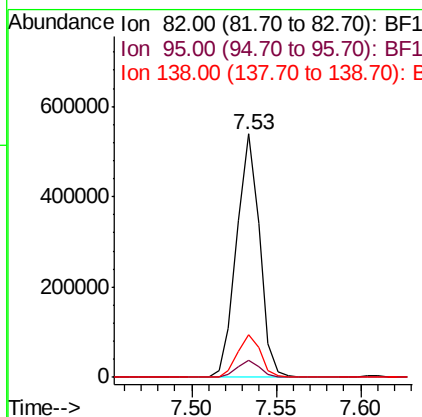
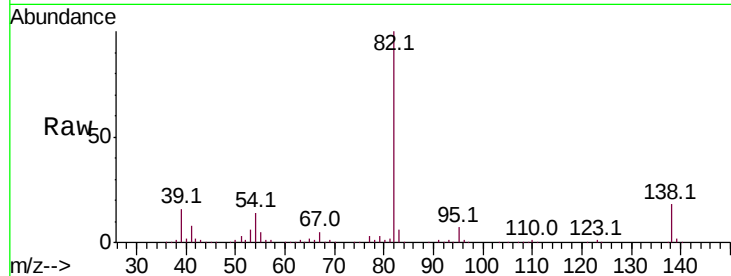
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 511265 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.9   | 5.2   | 7.8    |
| 138       | 17.7  | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 43.808 ng

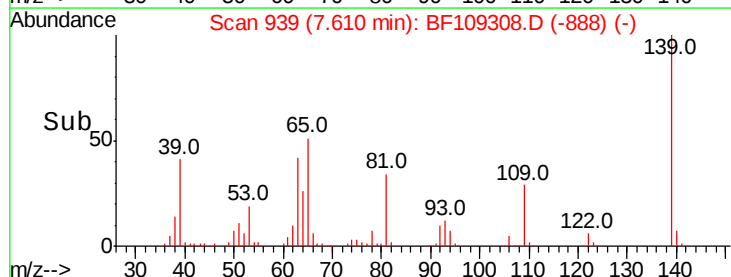
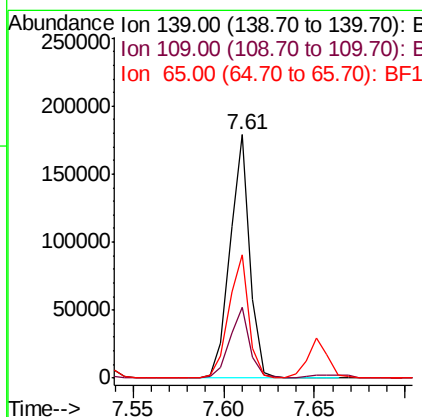
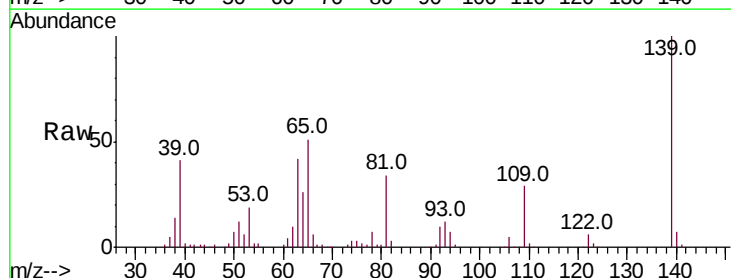
RT: 7.61 min Scan# 939

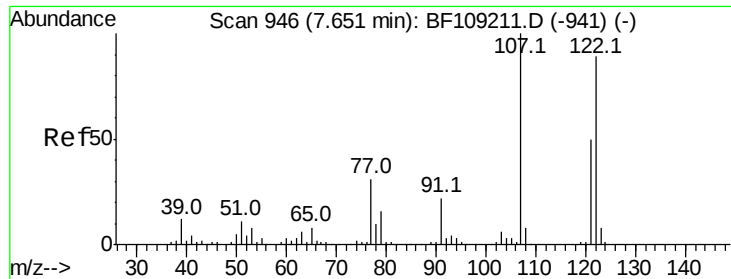
Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 135922 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 29.2  | 22.7  | 34.1   |
| 65        | 50.7  | 40.5  | 60.7   |





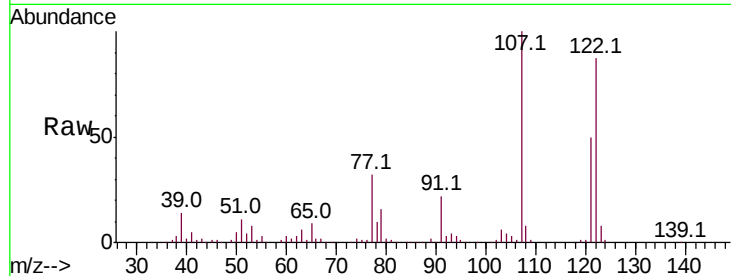
#27  
2,4-Dimethylphenol  
Concen: 40.629 ng  
RT: 7.65 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.5 | 91.2  | 136.8 |
| 121     | 57.6  | 47.2  | 70.8  |

Manual Integrations  
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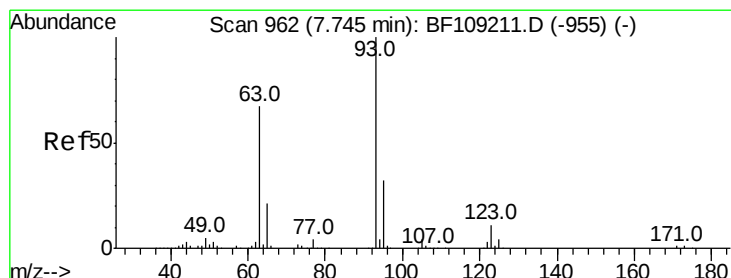
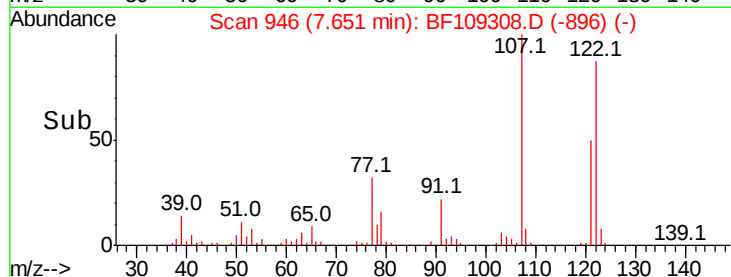
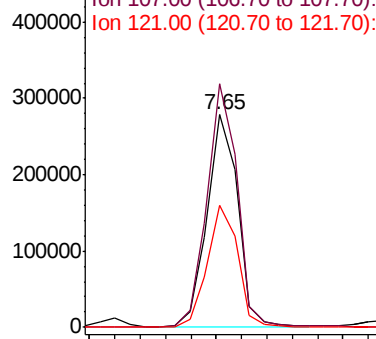


Abundance

Ion 122.00 (121.70 to 122.70): E

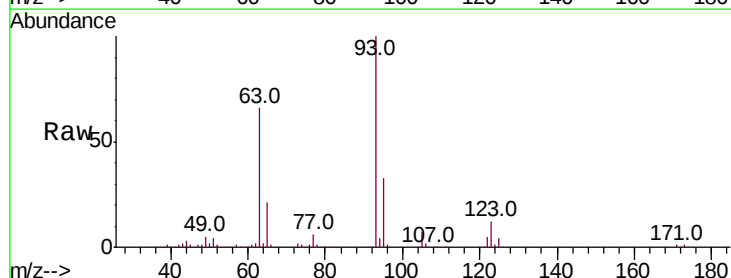
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.105 ng  
RT: 7.75 min Scan# 962  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.3  | 39.5  |
| 123     | 11.6  | 9.8   | 14.6  |

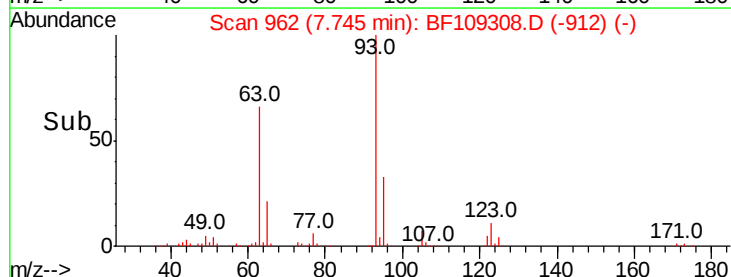
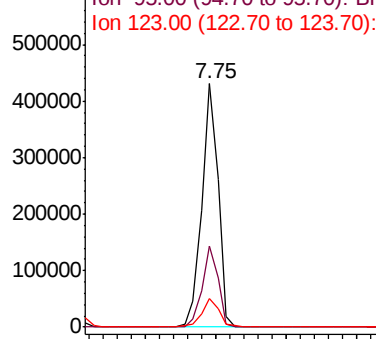


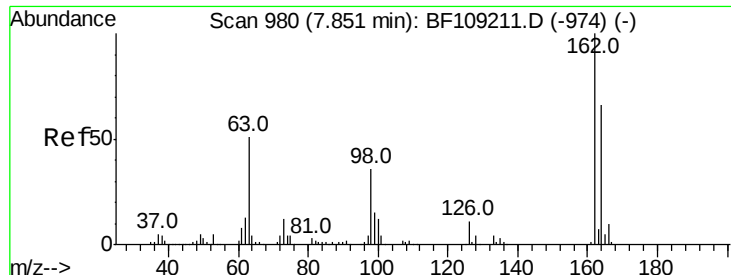
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





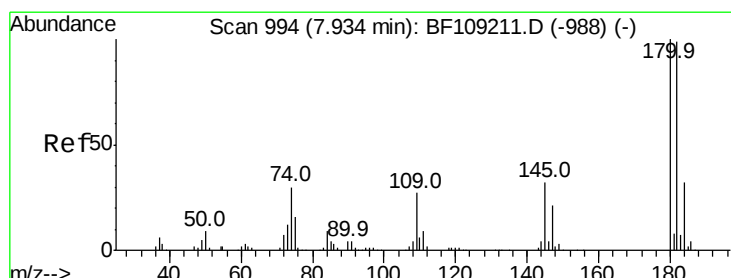
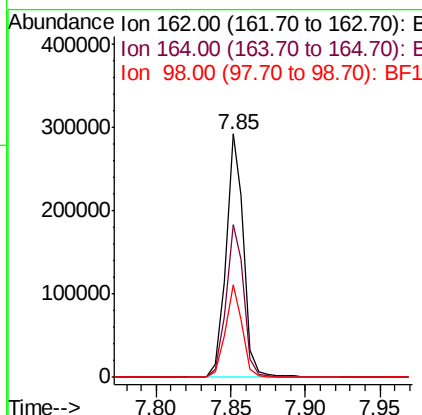
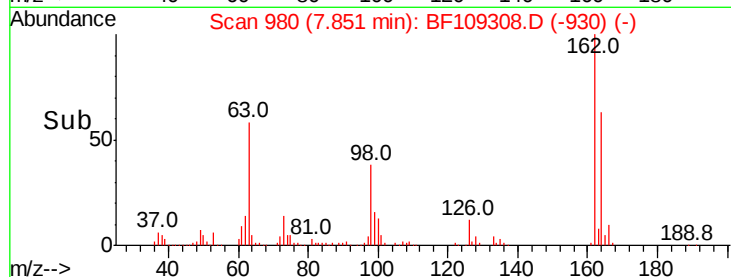
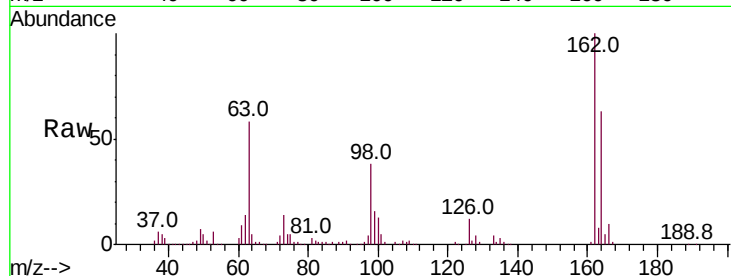
#29  
 2,4-Dichlorophenol  
 Concen: 40.167 ng  
 RT: 7.85 min Scan# 980  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 244331 |       |       |
| 164     | 62.8  | 42.7   | 82.7  |       |
| 98      | 37.9  | 18.1   | 58.1  |       |

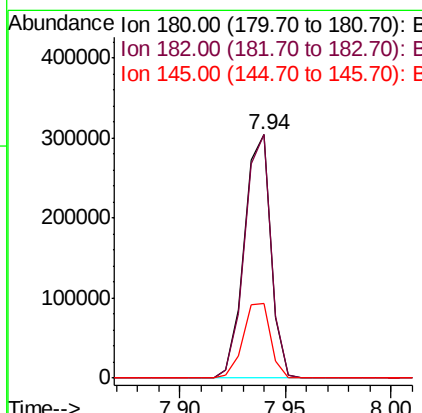
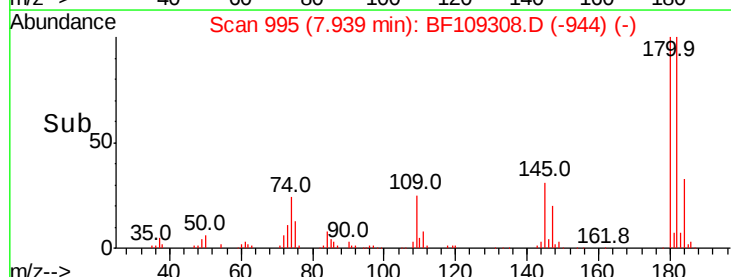
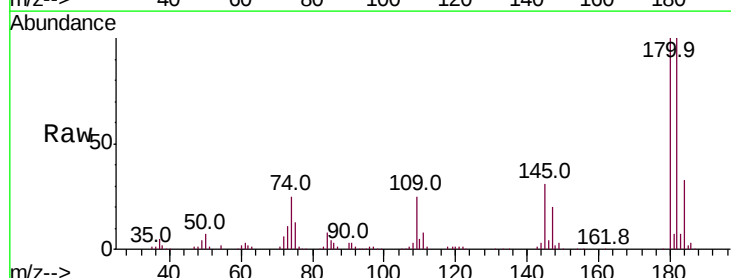
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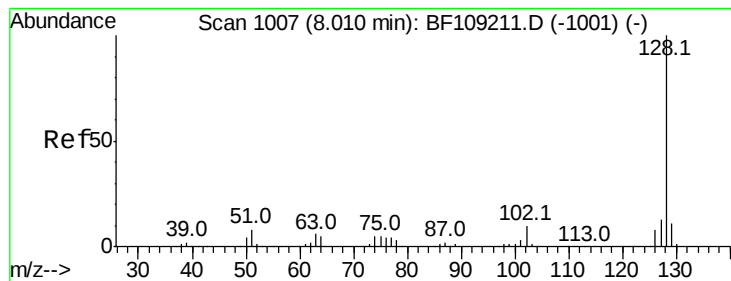
Sohil  
 9/26/2018 3:43:03 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.098 ng  
 RT: 7.94 min Scan# 995  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 265749 |       |       |
| 182     | 100.1 | 76.8   | 115.2 |       |
| 145     | 31.0  | 26.5   | 39.7  |       |





#31

Naphthalene

Concen: 38.867 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

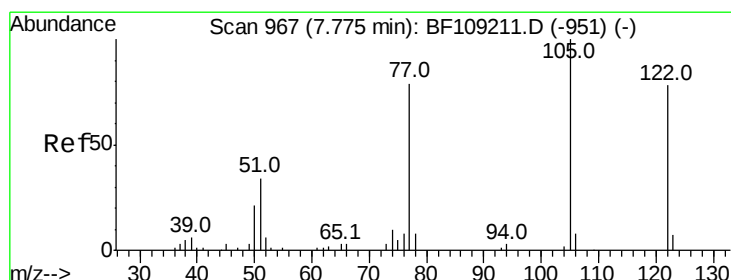
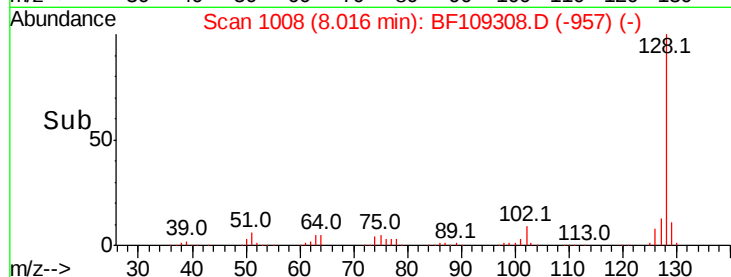
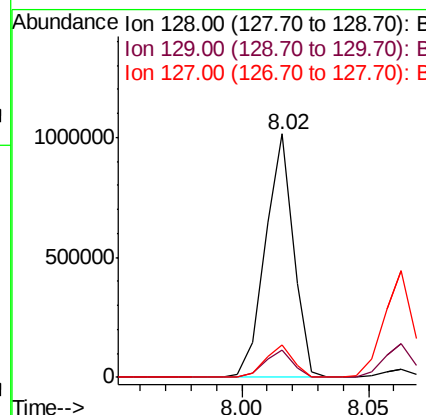
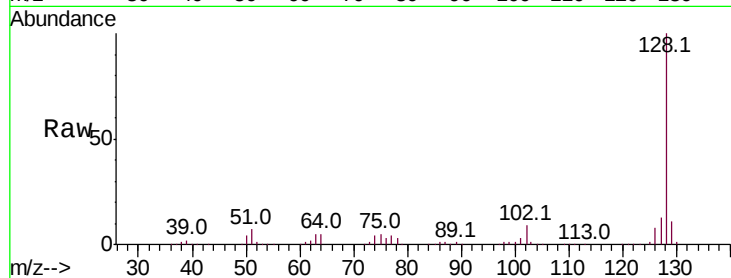
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 791108 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.1  | 8.8   | 13.2   |
| 127       | 13.3  | 10.9  | 16.3   |

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#32

Benzoic acid

Concen: 34.743 ng m

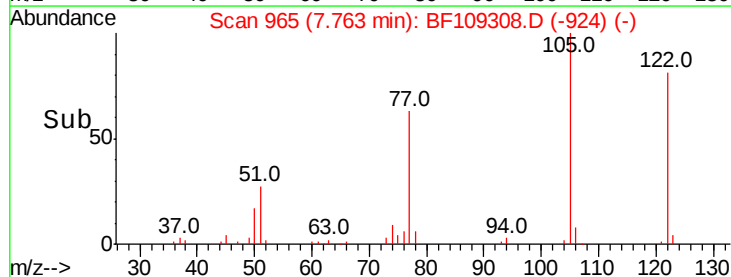
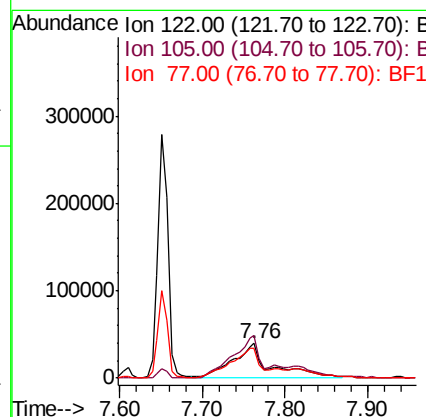
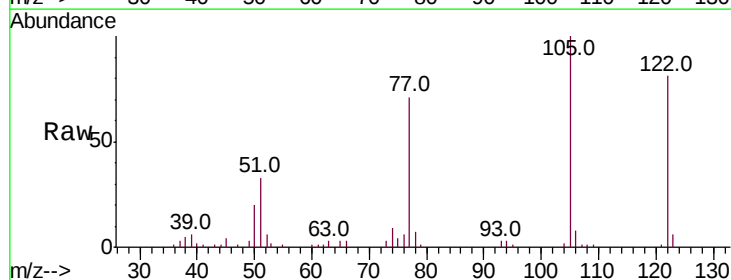
RT: 7.76 min Scan# 965

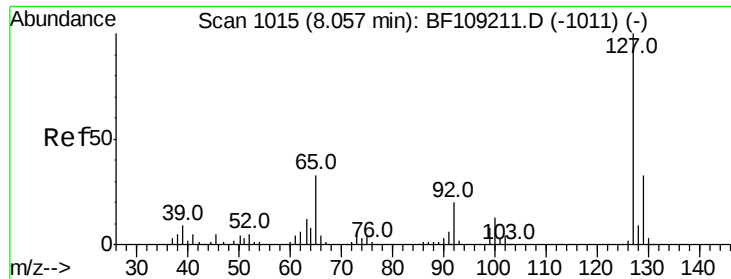
Delta R.T. -0.06 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 128085 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 123.7 | 101.1 | 141.1  |
| 77        | 87.9  | 70.7  | 110.7  |





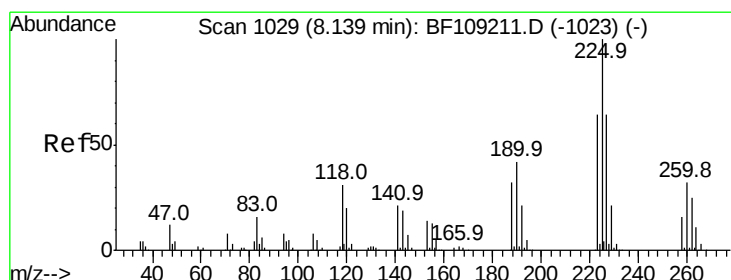
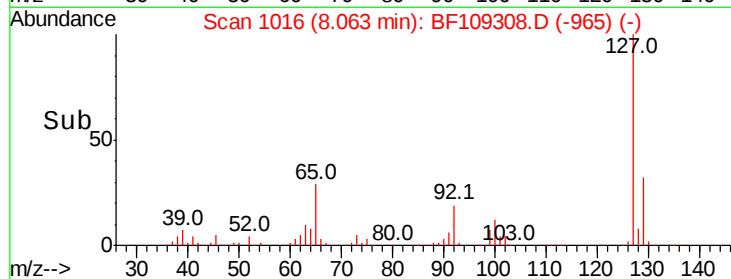
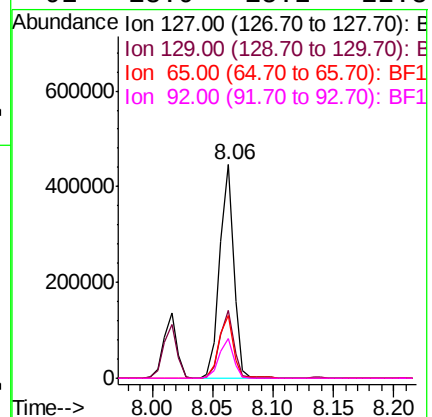
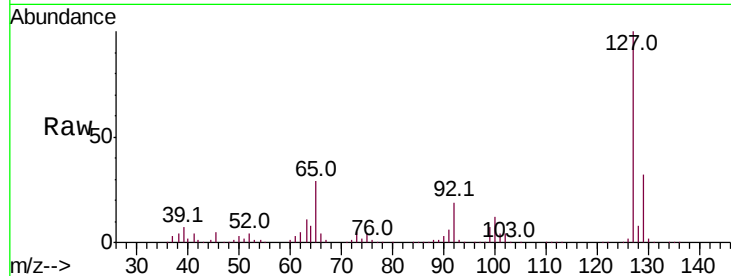
#33  
4-Chloroaniline  
Concen: 39.861 ng  
RT: 8.06 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.7  | 25.9  | 38.9  |
| 65      | 29.4  | 25.0  | 37.4  |
| 92      | 18.9  | 15.2  | 22.8  |

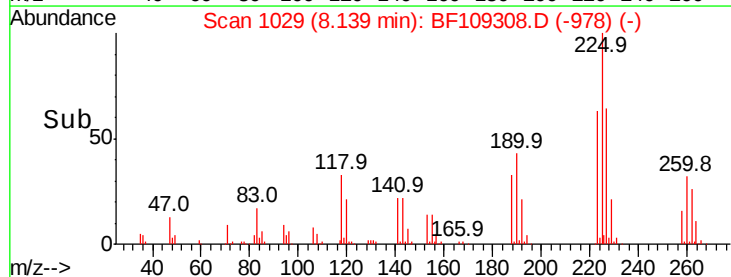
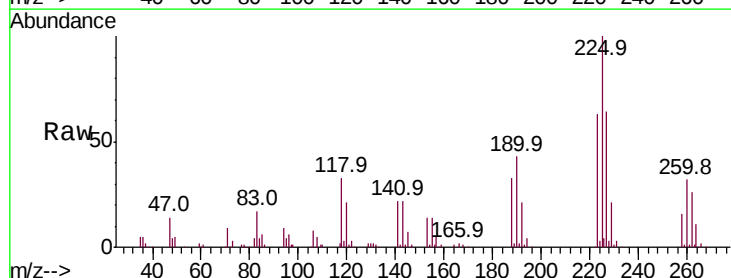
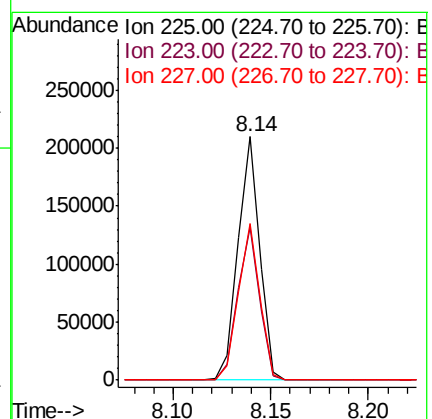
Manual Integrations  
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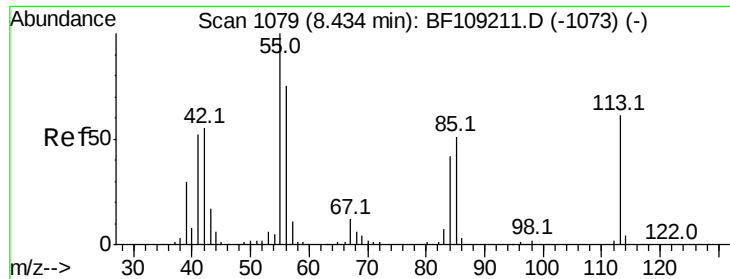
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 39.620 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.8  | 50.6  | 76.0  |
| 227     | 64.2  | 51.9  | 77.9  |





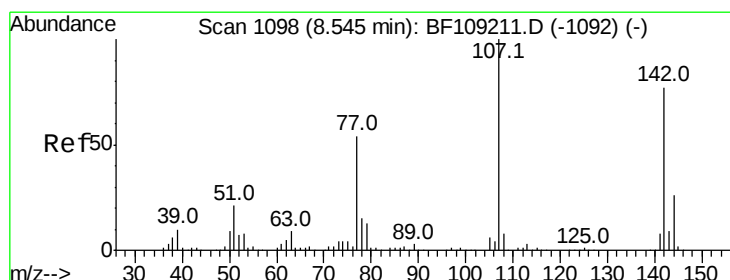
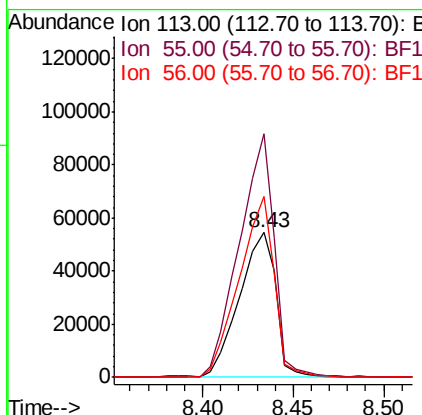
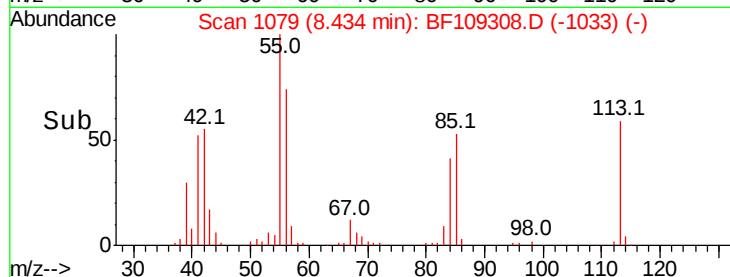
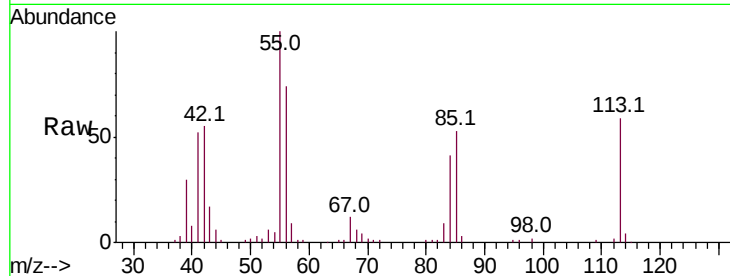
#35  
 Caprolactam  
 Concen: 39.340 ng  
 RT: 8.43 min Scan# 1079  
 Delta R.T. -0.03 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 168.1 | 163.3 | 203.3 |
| 56      | 124.8 | 115.7 | 155.7 |

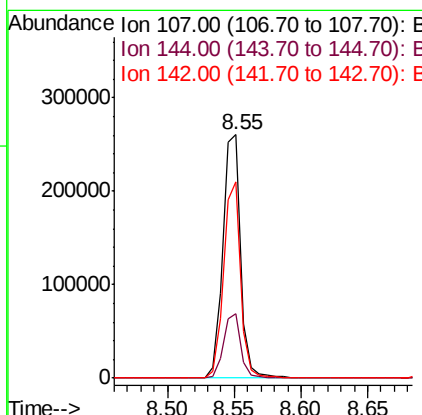
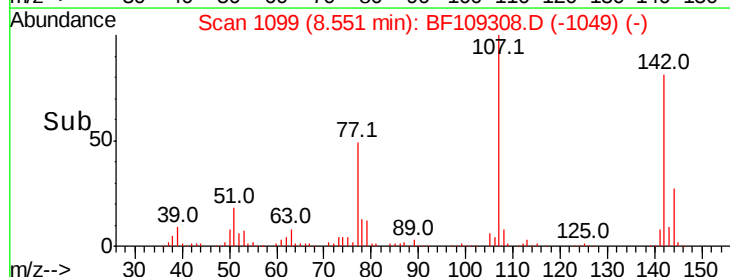
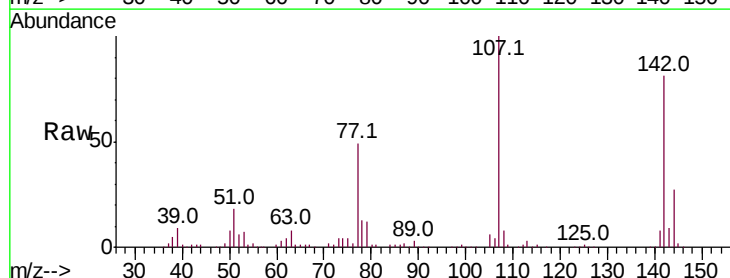
Manual Integrations  
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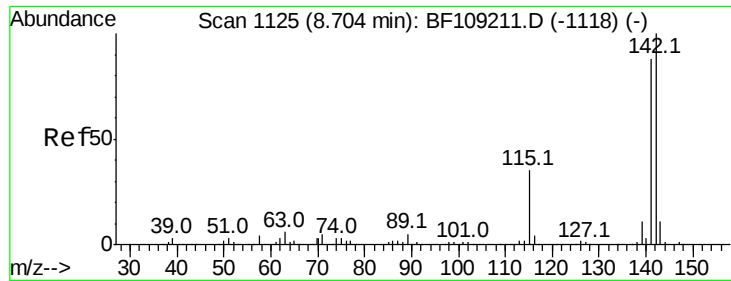
Sohil  
 9/26/2018 3:43:03 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.575 ng  
 RT: 8.55 min Scan# 1099  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.7  | 20.5  | 30.7  |
| 142     | 80.6  | 62.0  | 93.0  |





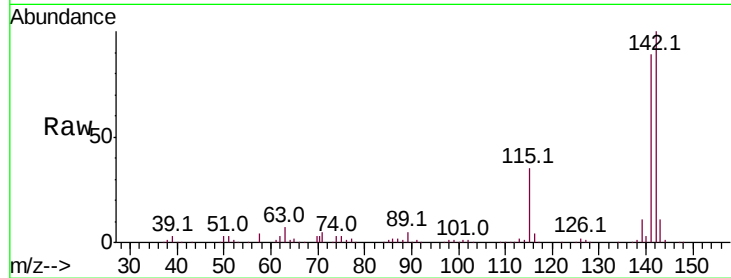
#37  
2-Methylnaphthalene  
Concen: 37.969 ng  
RT: 8.70 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 70.8  | 106.2 |
| 115     | 35.2  | 26.1  | 39.1  |

Manual Integrations  
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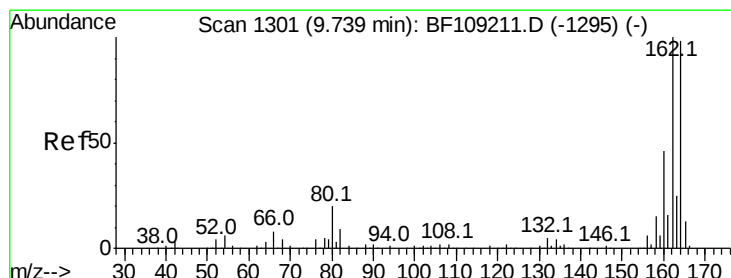
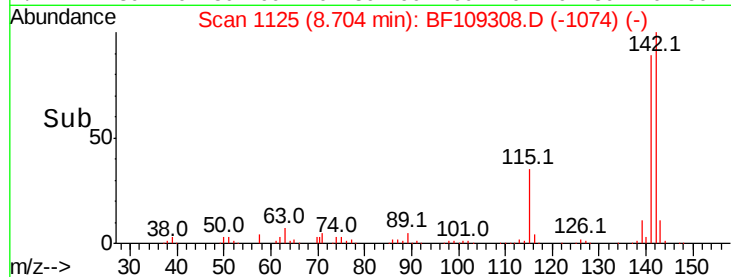
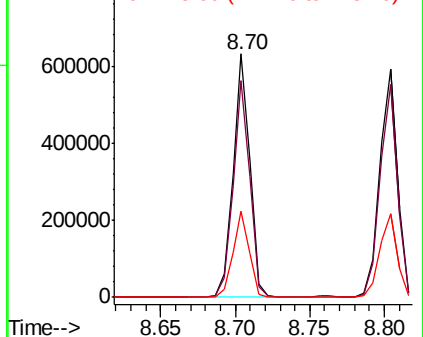


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.74 min Scan# 1301  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

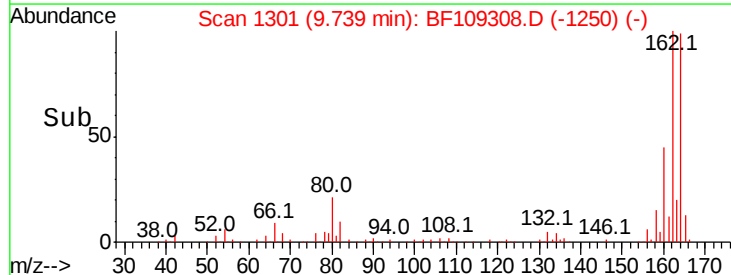
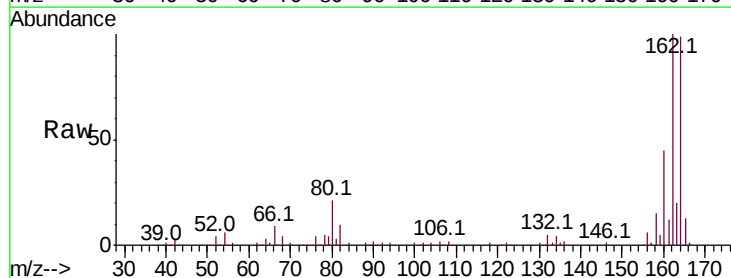
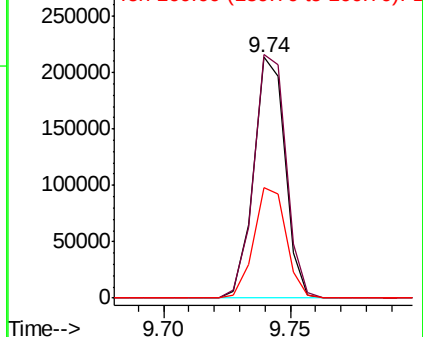
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.2 | 86.1  | 129.1 |
| 160     | 45.8  | 38.3  | 57.5  |

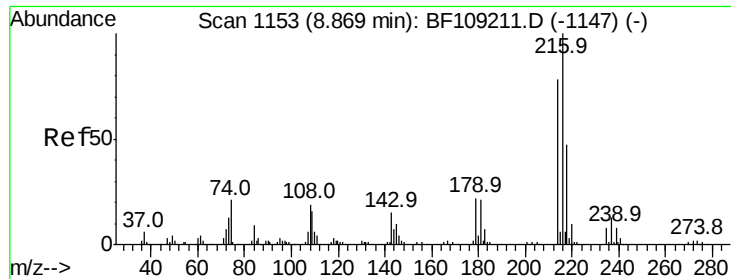
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





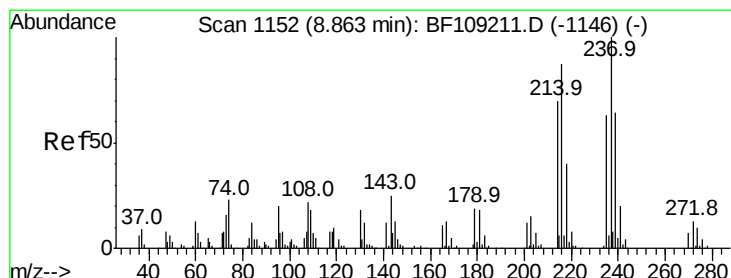
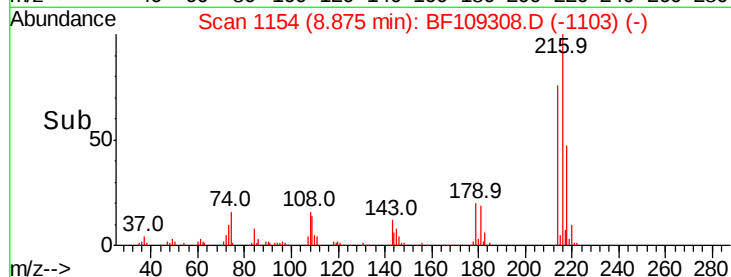
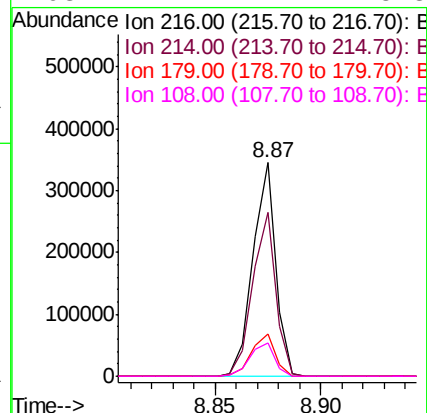
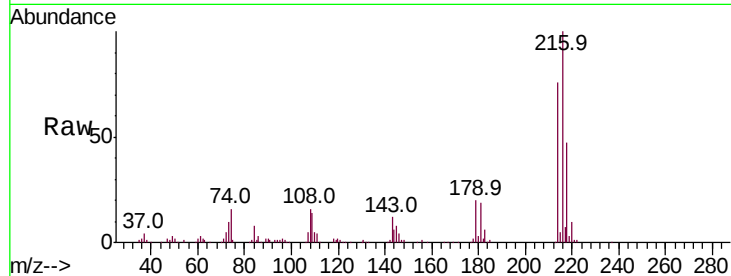
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.193 ng  
 RT: 8.87 min Scan# 1154  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 77.6  | 63.0       | 94.4  |
| 179     | 20.3  | 18.1       | 27.1  |
| 108     | 17.1  | 17.2       | 25.8# |

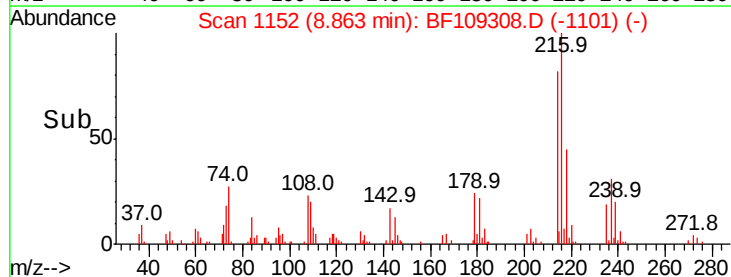
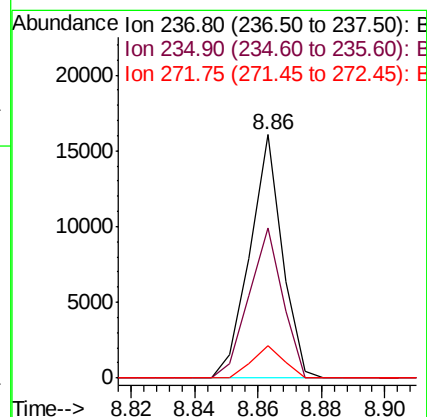
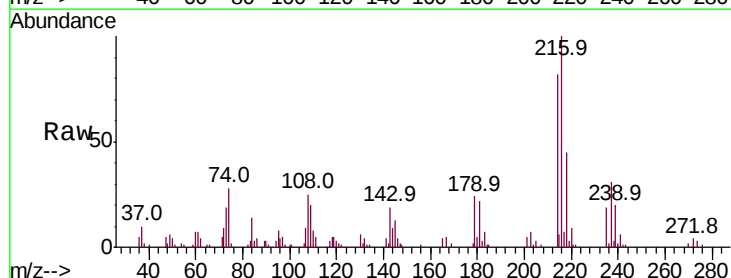
Manual Integrations  
 APPROVED

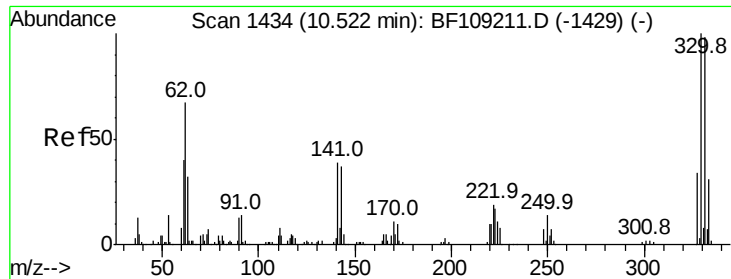
Sohil  
 9/26/2018 3:43:03 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 4.445 ng  
 RT: 8.86 min Scan# 1152  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 61.5  | 44.8       | 84.8  |
| 272     | 13.6  | 0.0        | 33.3  |





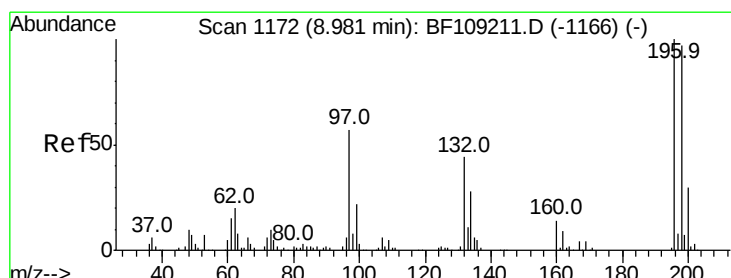
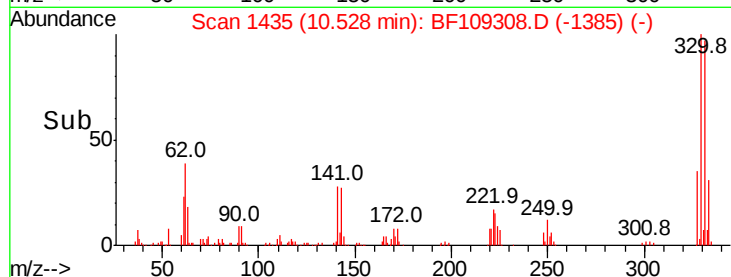
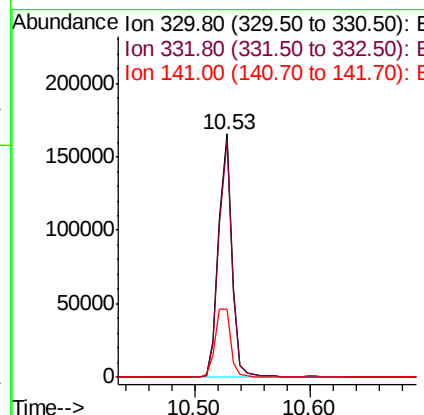
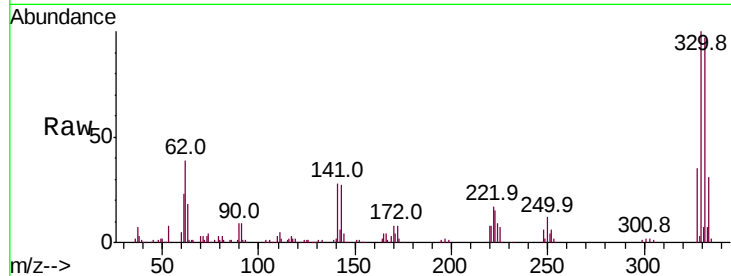
#41  
 2,4,6-Tribromophenol  
 Concen: 73.264 ng  
 RT: 10.53 min Scan# 1435  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.8  | 77.0 | 115.6 |       |
| 141     | 32.5  | 29.9 | 44.9  |       |

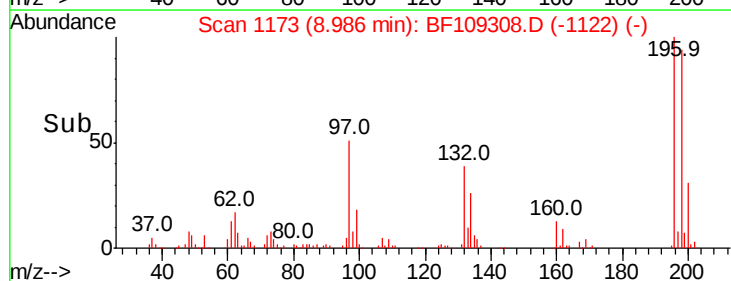
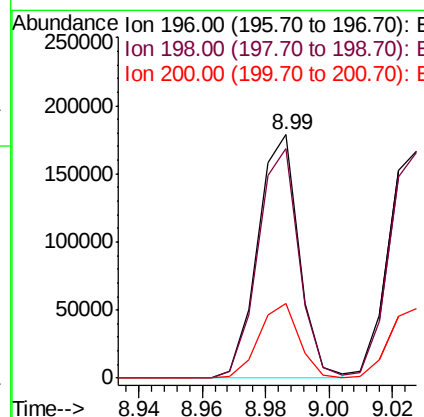
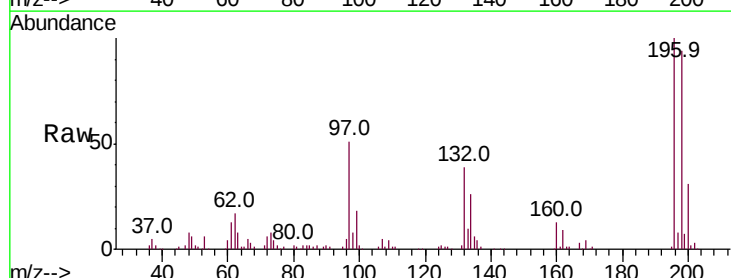
Manual Integrations  
 APPROVED

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 9/26/2018 3:43:03 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 42.700 ng  
 RT: 8.99 min Scan# 1173  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 94.5  | 75.7 | 113.5 |       |
| 200     | 30.6  | 24.5 | 36.7  |       |





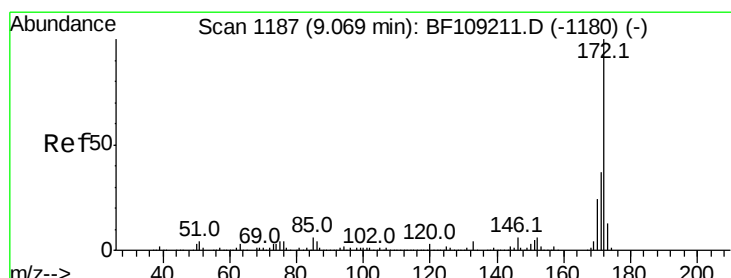
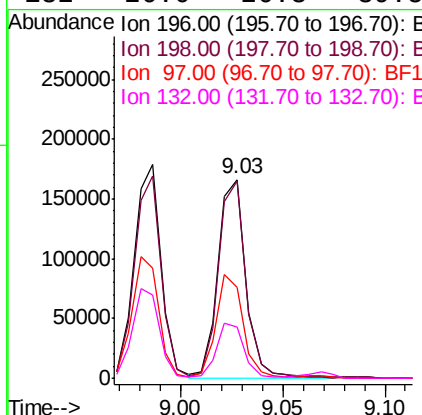
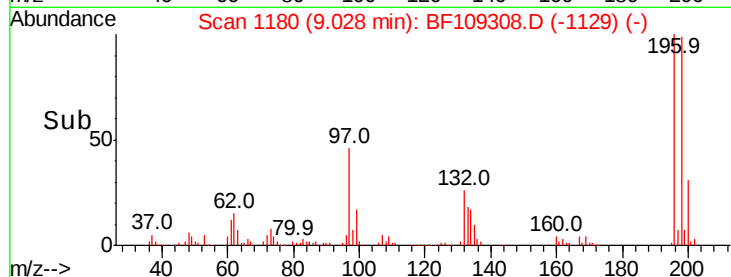
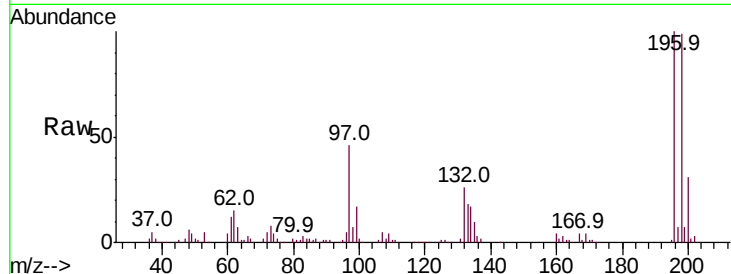
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.579 ng m  
 RT: 9.03 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 158201 |       |       |
| 198     | 99.3  | 74.6   | 112.0 |       |
| 97      | 45.8  | 42.9   | 64.3  |       |
| 132     | 26.0  | 26.3   | 39.5# |       |

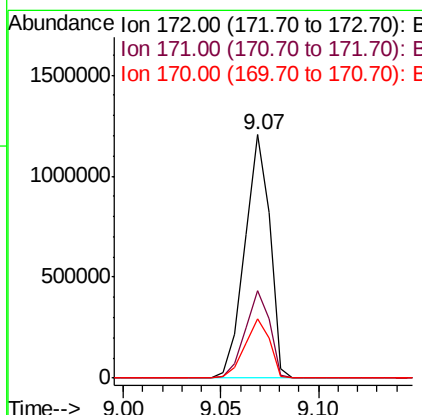
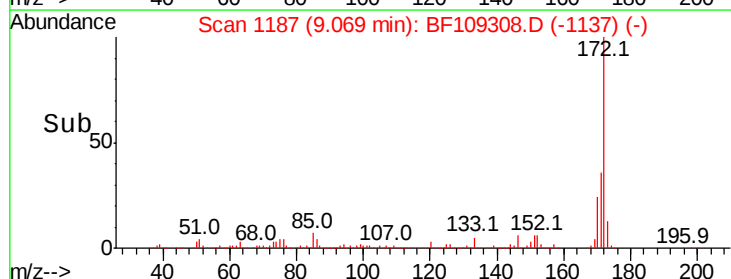
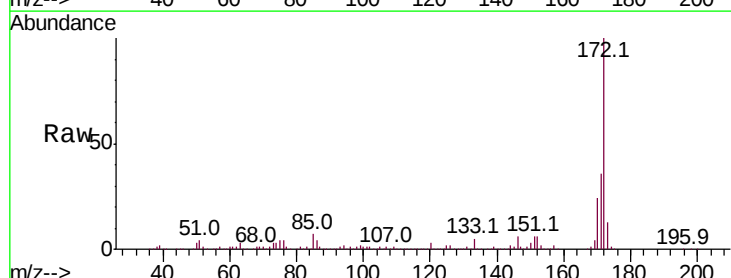
Manual Integrations  
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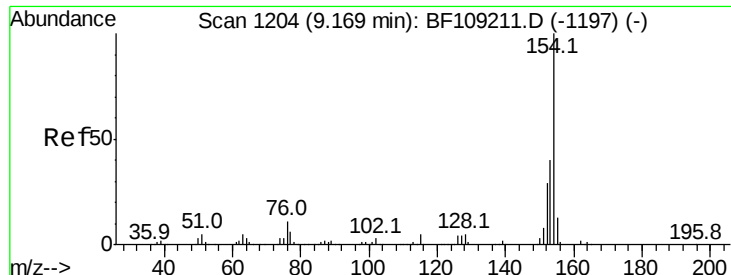
Sohil  
 9/26/2018 3:43:03 PM



#44  
 2-Fluorobiphenyl  
 Concen: 87.009 ng  
 RT: 9.07 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1068956 |       |       |
| 171     | 35.8  | 29.7    | 44.5  |       |
| 170     | 24.3  | 19.6    | 29.4  |       |





#45

1,1'-Biphenyl

Concen: 42.419 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

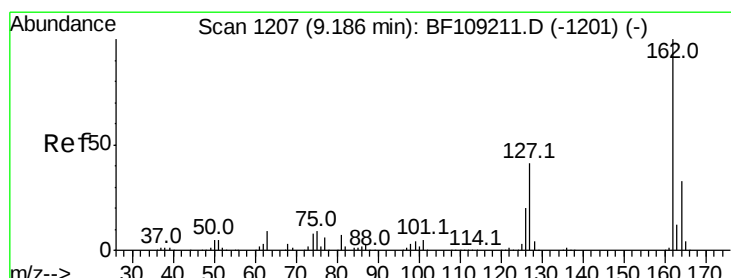
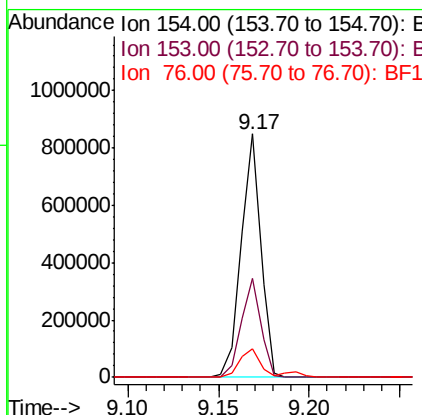
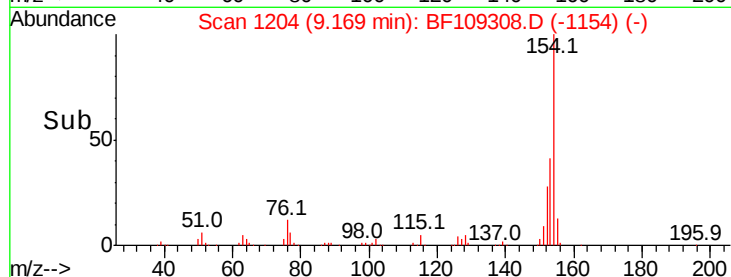
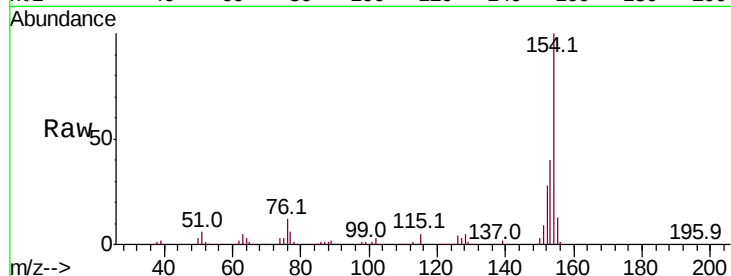
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 640392 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.4  | 21.3  | 61.3   |
| 76        | 11.9  | 0.0   | 34.0   |

Manual Integrations  
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#46

2-Chloronaphthalene

Concen: 41.166 ng

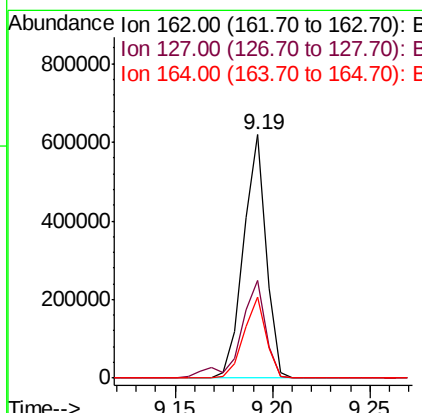
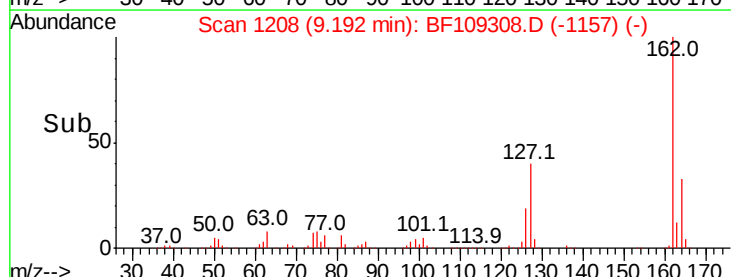
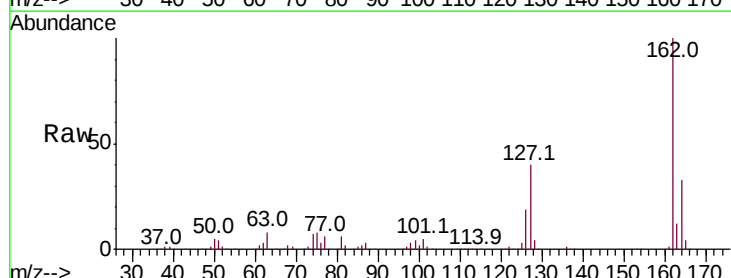
RT: 9.19 min Scan# 1208

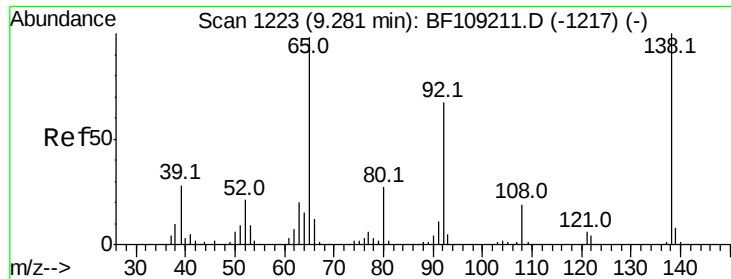
Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 496483 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.2  | 33.9  | 50.9   |
| 164       | 33.5  | 26.5  | 39.7   |





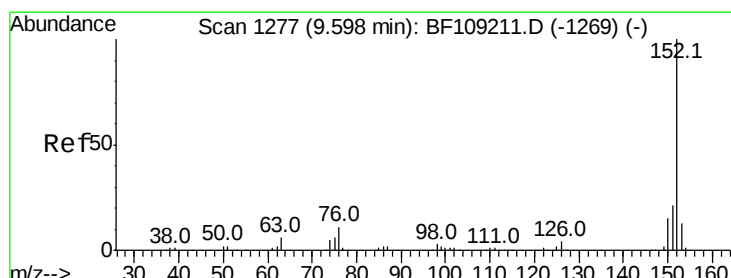
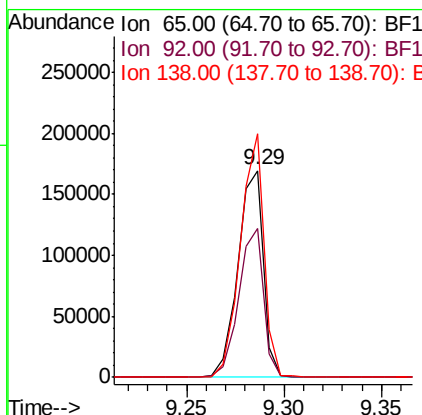
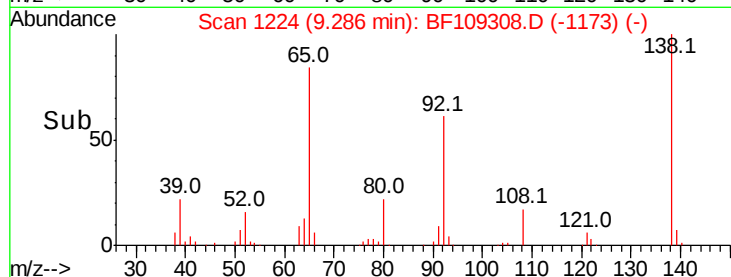
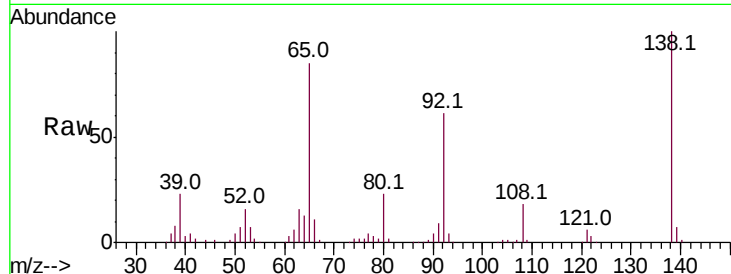
#47  
 2-Nitroaniline  
 Concen: 44.766 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 153073 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 72.1  | 55.8  | 83.6   |
| 138       | 117.7 | 91.2  | 136.8  |

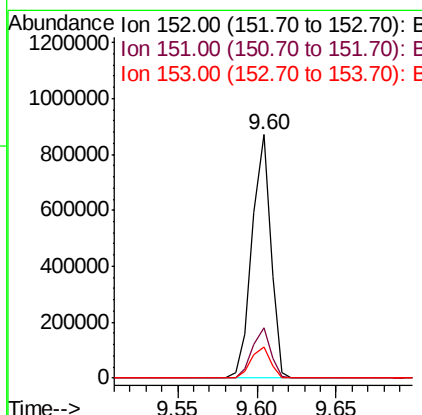
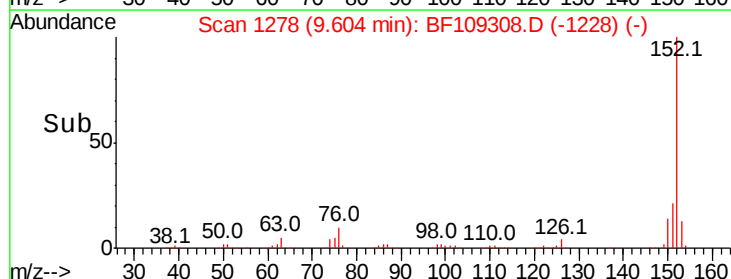
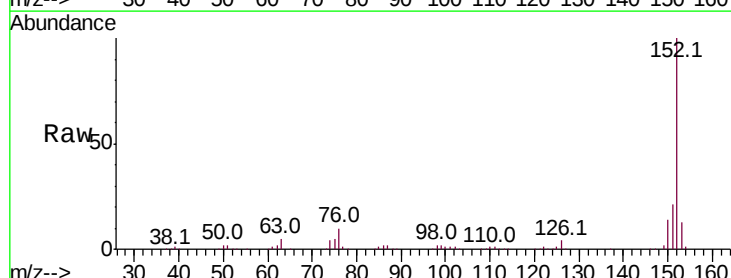
Manual Integrations  
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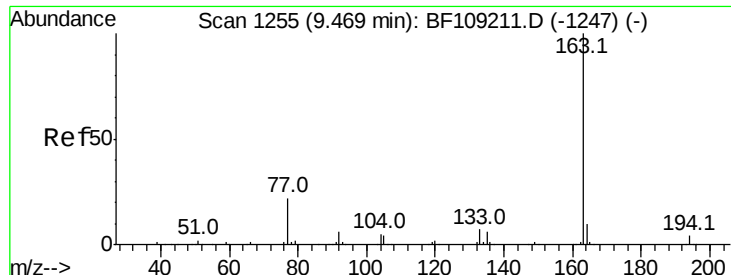
Sohil  
 9/26/2018 3:43:03 PM



#48  
 Acenaphthylene  
 Concen: 39.314 ng  
 RT: 9.60 min Scan# 1278  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 715297 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.6  | 16.3  | 24.5   |
| 153       | 12.9  | 10.7  | 16.1   |





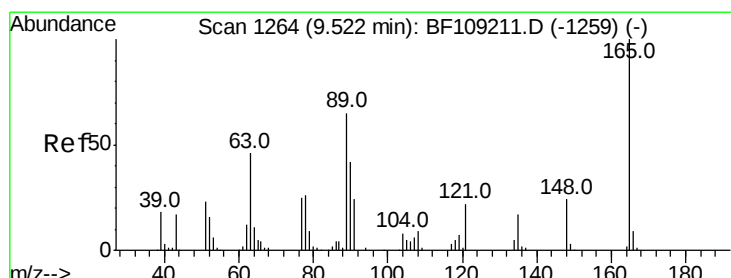
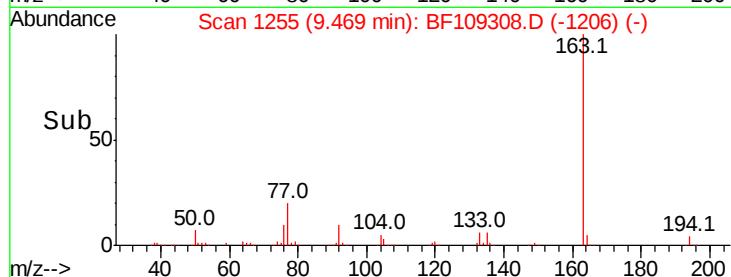
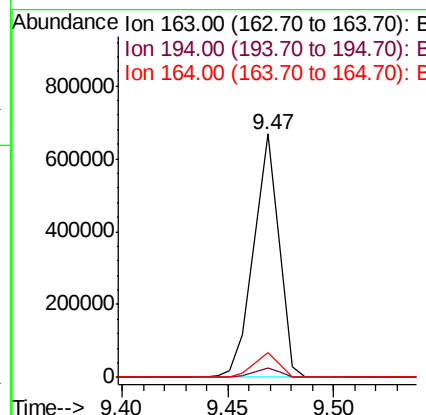
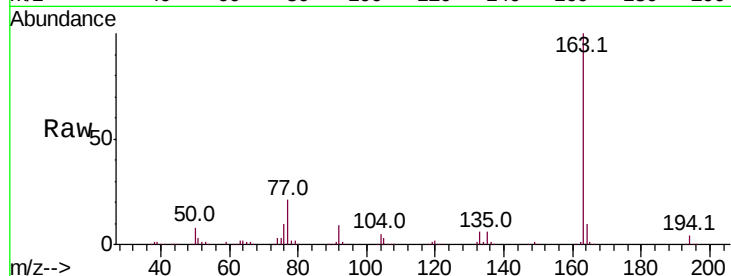
#49  
Dimethylphthalate  
Concen: 41.820 ng  
RT: 9.47 min Scan# 1255  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.7   | 2.7  | 4.1   |       |
| 164     | 10.1  | 8.2  | 12.2  |       |

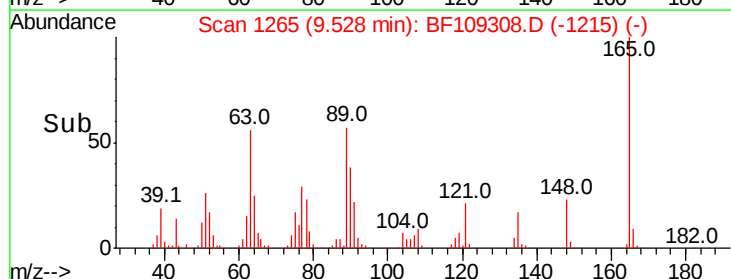
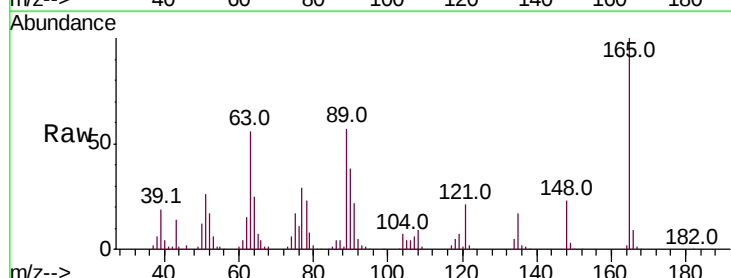
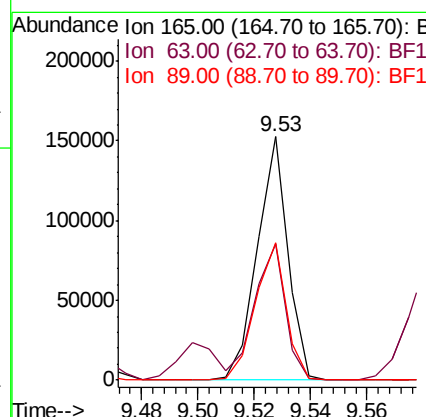
Manual Integrations  
APPROVED

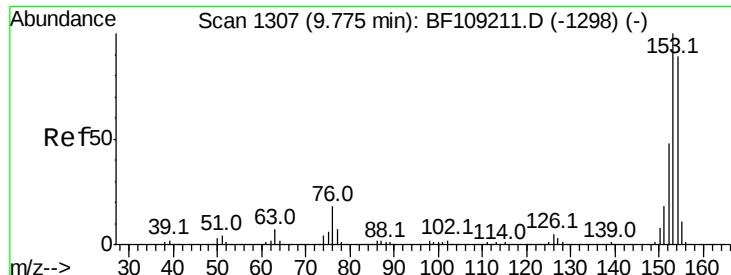
Sohil  
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#50  
2,6-Dinitrotoluene  
Concen: 42.794 ng  
RT: 9.53 min Scan# 1265  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 56.0  | 44.7 | 67.1  |       |
| 89      | 56.7  | 44.0 | 66.0  |       |





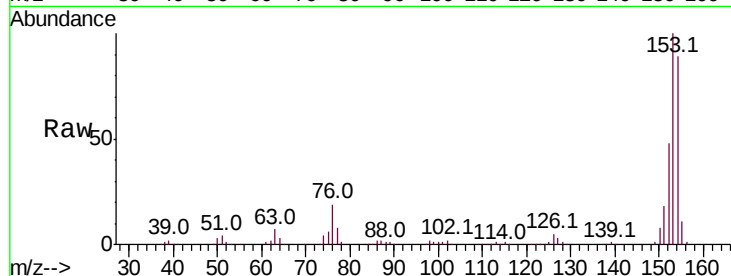
#51  
Acenaphthene  
Concen: 38.225 ng  
RT: 9.77 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.4 | 91.2  | 136.8 |
| 152     | 53.6  | 43.8  | 65.8  |

Manual Integrations  
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9/26/2018 3:43:03 PM

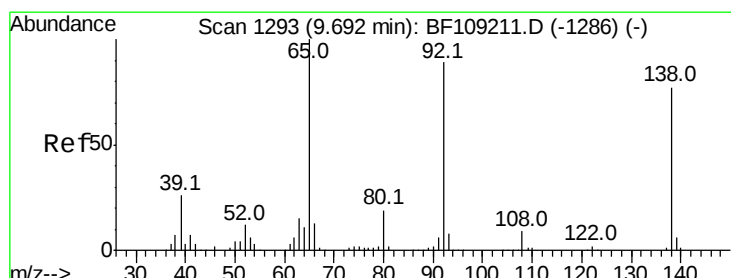
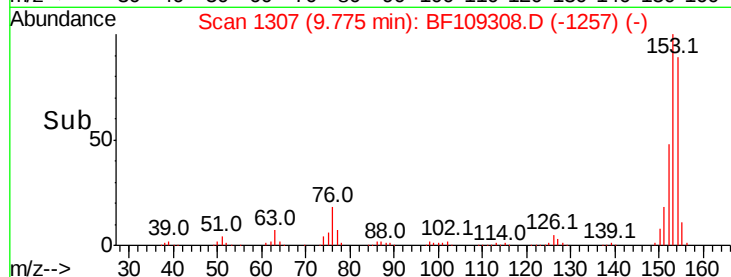
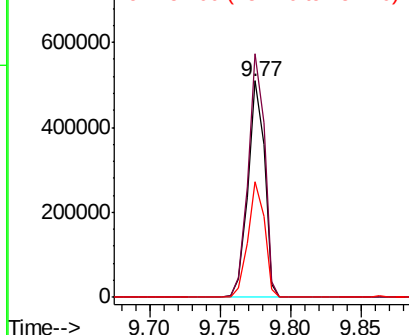


Abundance

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: 44.693 ng  
RT: 9.69 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

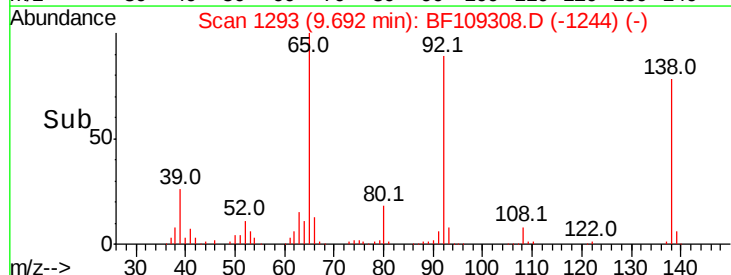
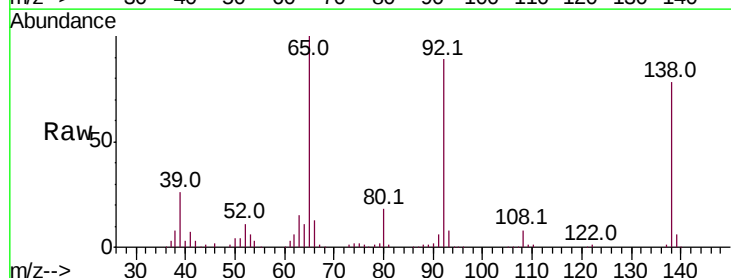
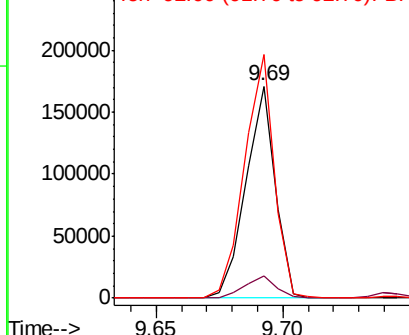
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.8  | 9.4   | 14.0  |
| 92      | 114.9 | 89.4  | 134.2 |

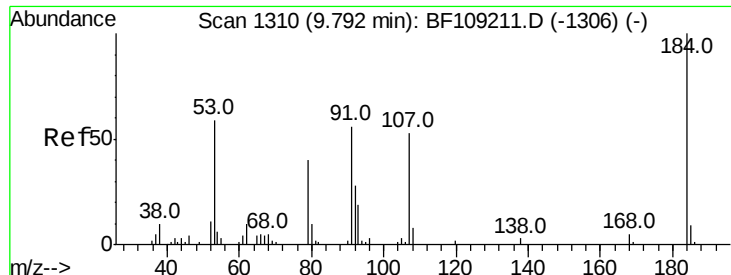
Abundance

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





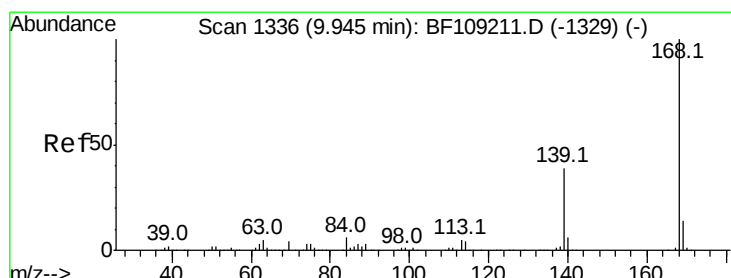
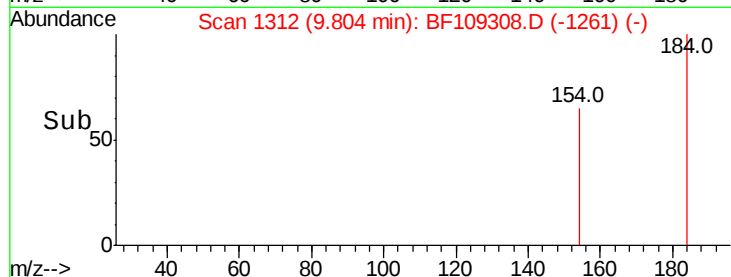
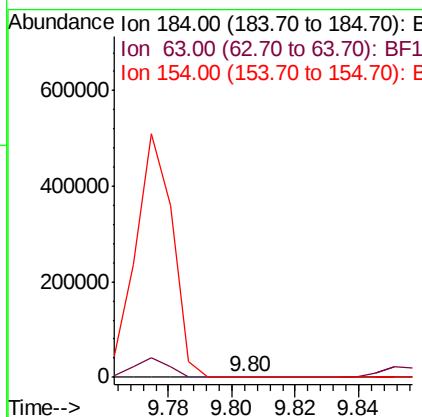
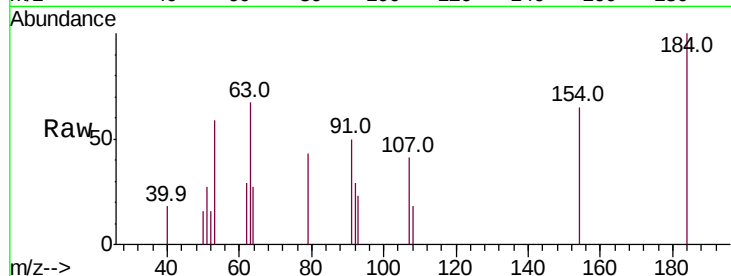
#53  
 2,4-Dinitrophenol  
 Concen: 10.476 ng  
 RT: 9.80 min Scan# 1312  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 66.6  | 54.2  | 81.2   |
| 154     | 65.4  | 184.0 | 276.0# |

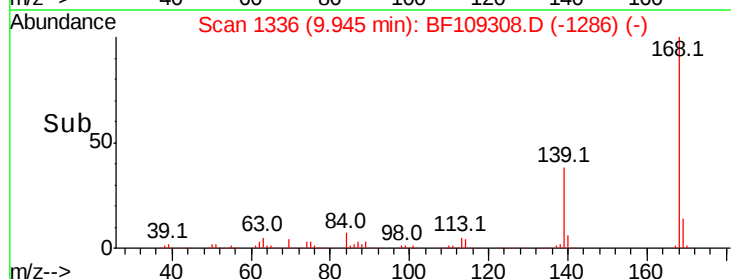
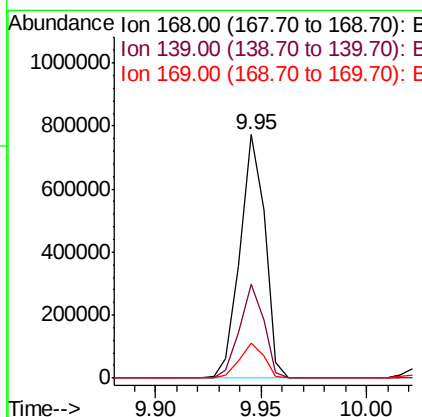
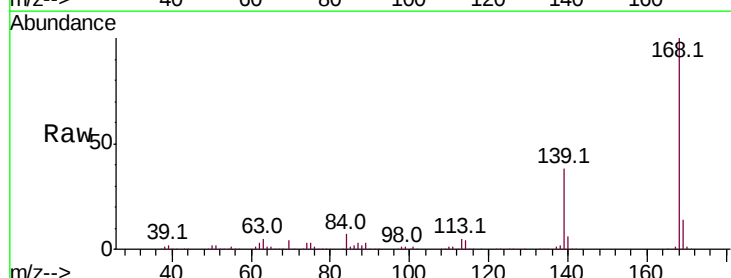
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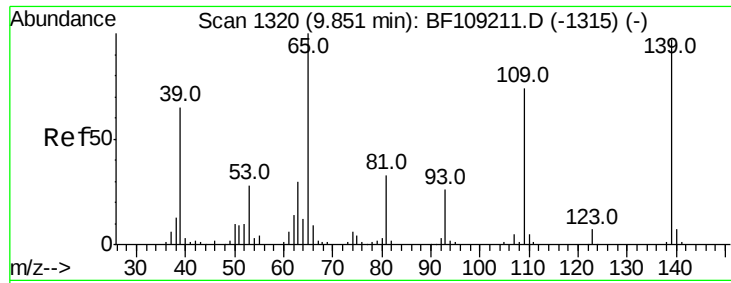
Sohil  
 9/26/2018 3:43:03 PM



#54  
 Dibenzofuran  
 Concen: 38.465 ng  
 RT: 9.95 min Scan# 1336  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.4  | 30.1  | 45.1  |
| 169     | 14.2  | 10.9  | 16.3  |





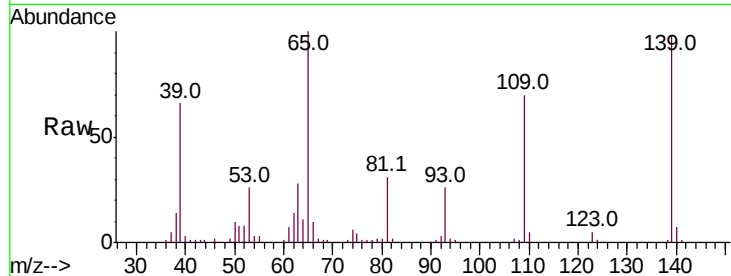
#55  
4-Nitrophenol  
Concen: 33.015 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 71.7  | 48.4  | 88.4  |
| 65      | 102.1 | 72.6  | 112.6 |

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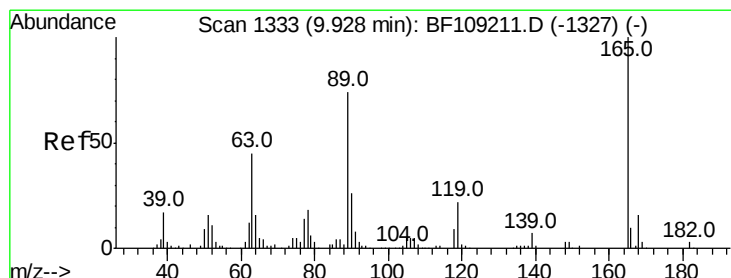
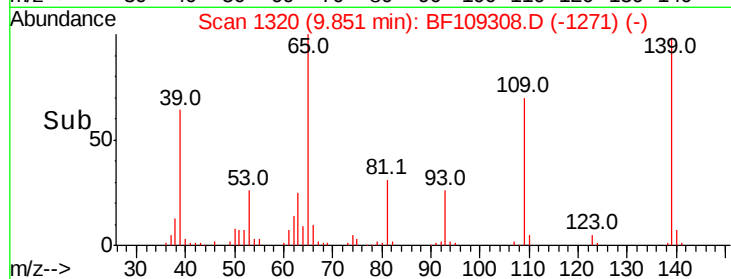
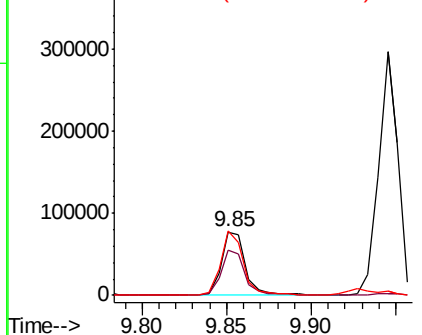


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56  
2,4-Dinitrotoluene  
Concen: 39.975 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.7  | 36.4  | 54.6  |
| 89      | 74.9  | 57.8  | 86.6  |
| 182     | 2.5   | 1.6   | 2.4#  |

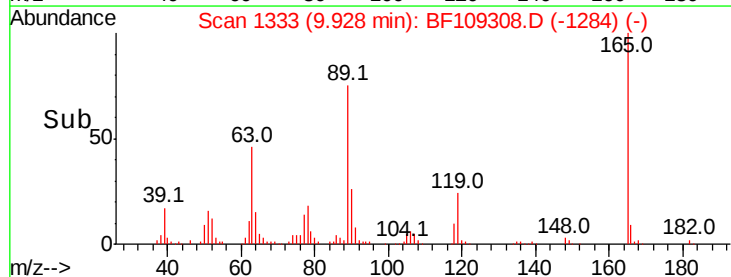
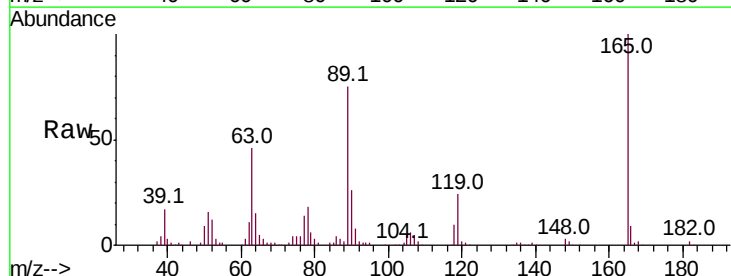
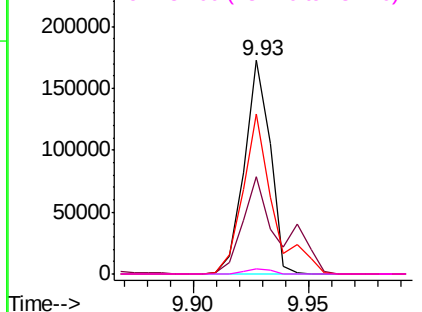
Abundance

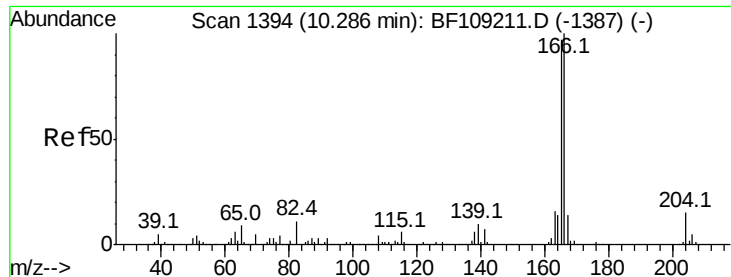
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





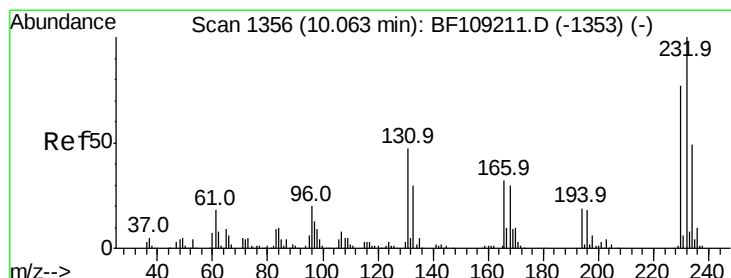
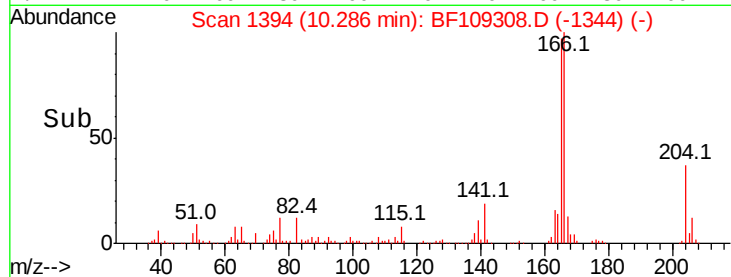
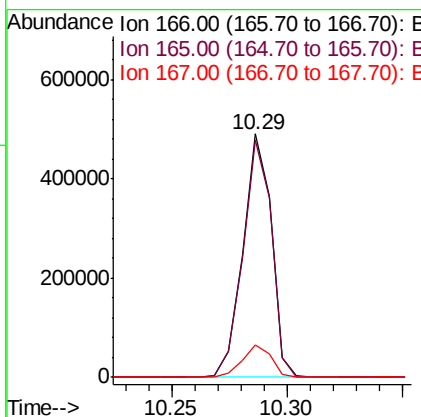
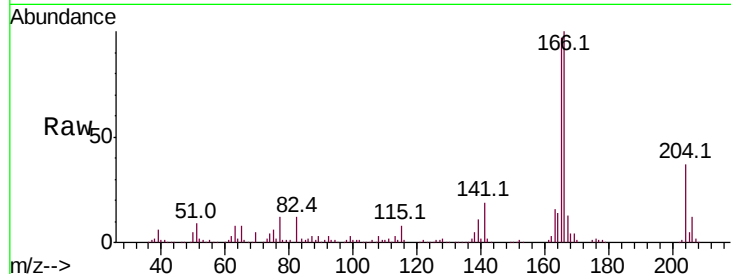
#57  
**Fluorene**  
 Concen: 36.334 ng  
 RT: 10.29 min Scan# 1394  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 424104 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.4  | 79.8  | 119.8  |
| 167       | 13.2  | 10.6  | 16.0   |

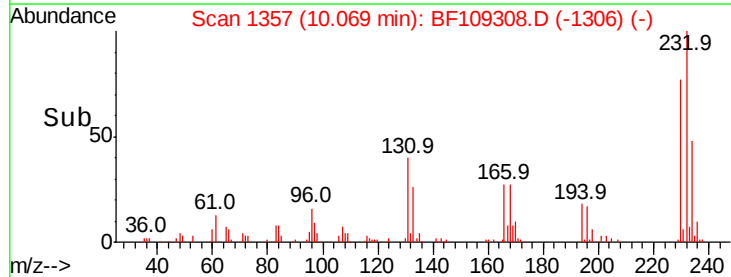
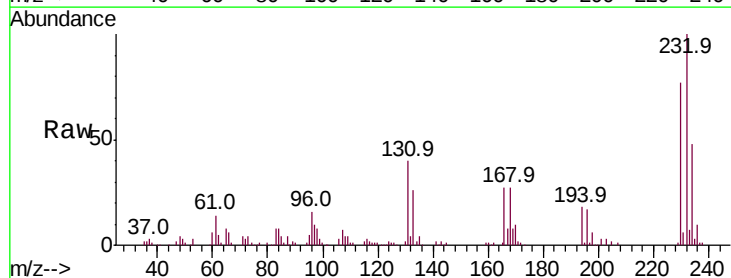
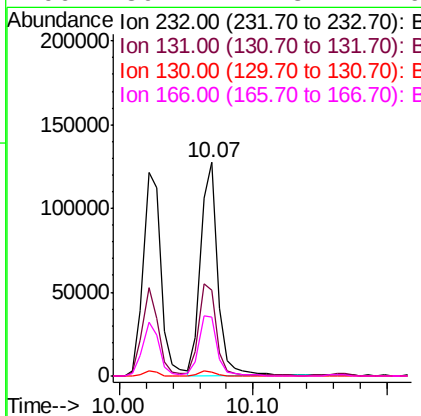
Manual Integrations  
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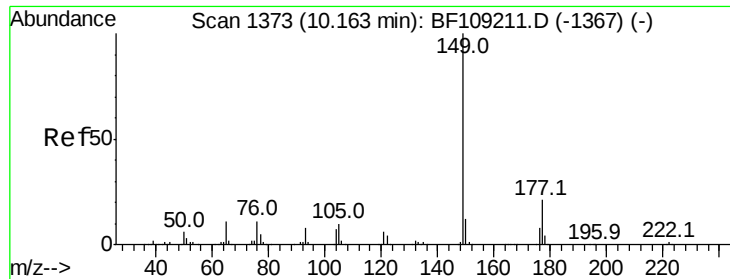
Sohil  
 9/26/2018 3:43:03 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 35.639 ng  
 RT: 10.07 min Scan# 1357  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 112792 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 45.8  | 43.8  | 65.8   |
| 130       | 2.2   | 2.1   | 3.1    |
| 166       | 30.1  | 27.8  | 41.6   |





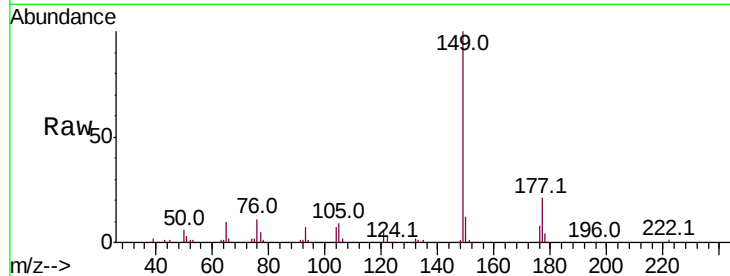
#59  
Diethylphthalate  
Concen: 39.404 ng  
RT: 10.16 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

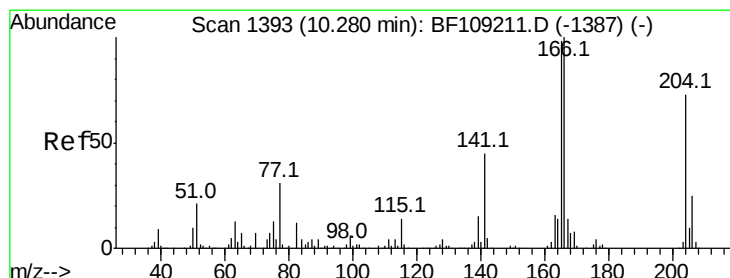
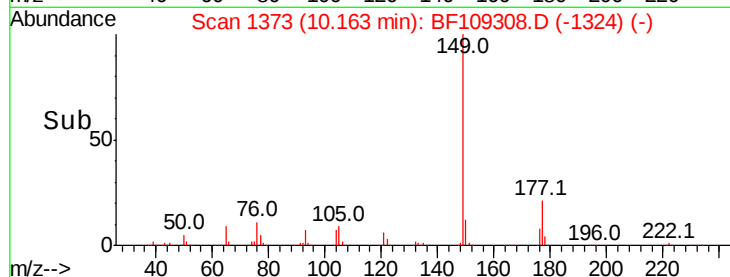
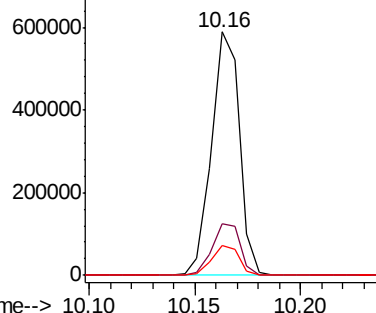
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 537749 |       |       |
| 177     | 21.4  | 16.1   | 24.1  |       |
| 150     | 12.4  | 10.1   | 15.1  |       |

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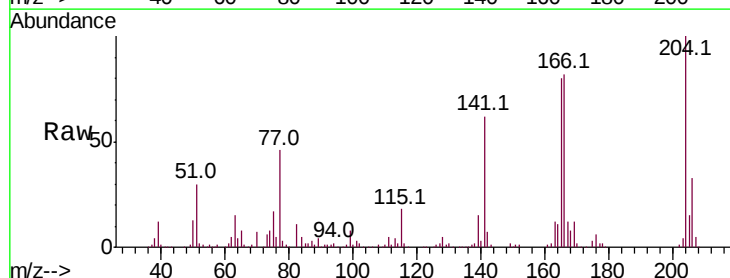


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

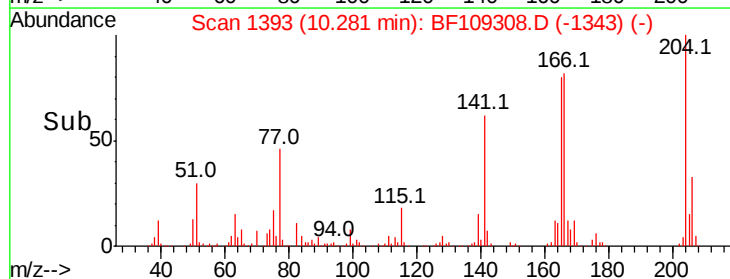
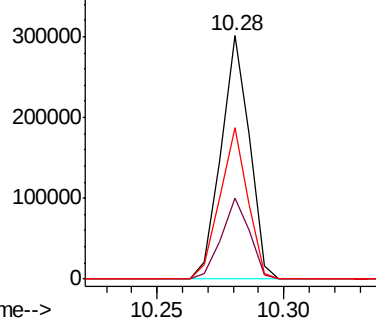


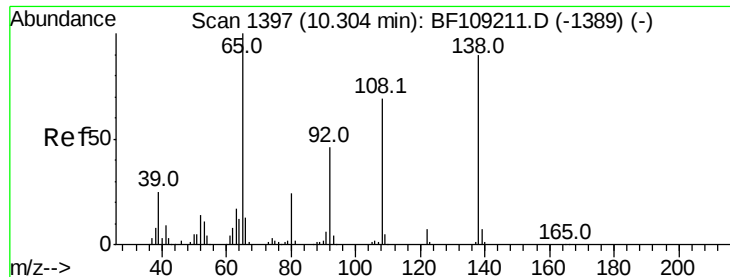
#60  
4-Chlorophenyl-phenylether  
Concen: 38.609 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 235382 |       |       |
| 206     | 33.0  | 26.5   | 39.7  |       |
| 141     | 62.2  | 54.6   | 81.8  |       |



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





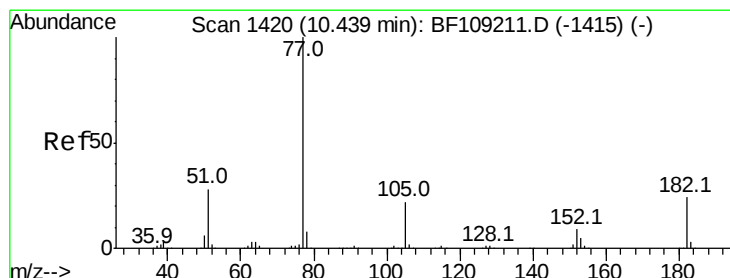
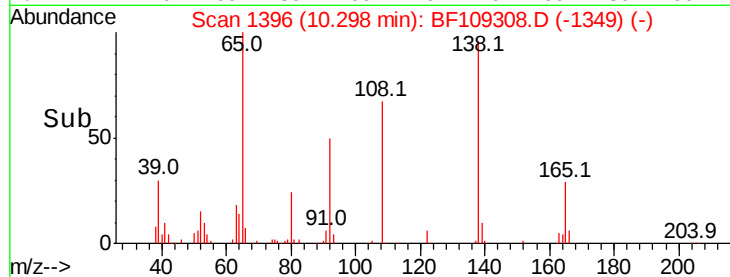
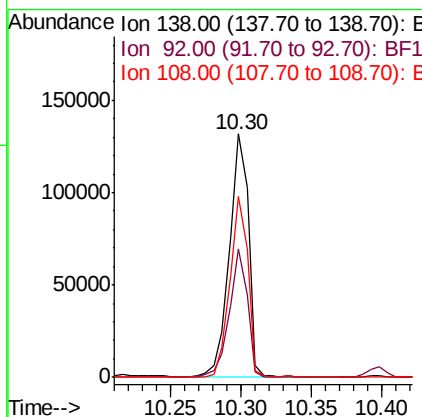
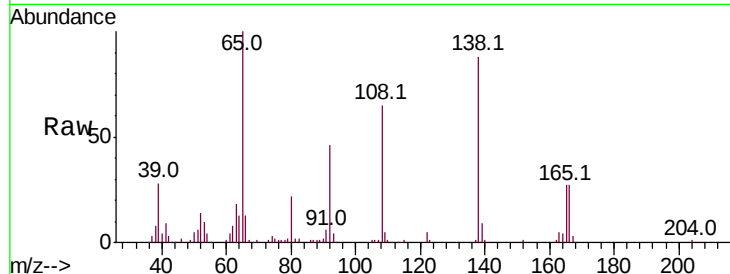
#61  
4-Nitroaniline  
Concen: 41.575 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. -0.02 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 52.6  | 30.2 | 70.2  |       |
| 108     | 74.2  | 52.5 | 92.5  |       |

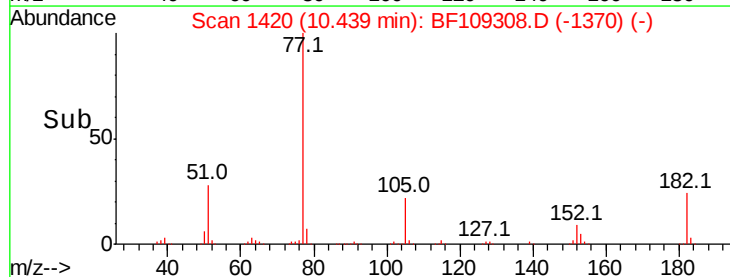
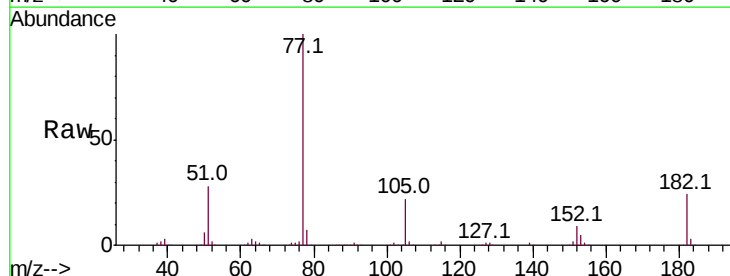
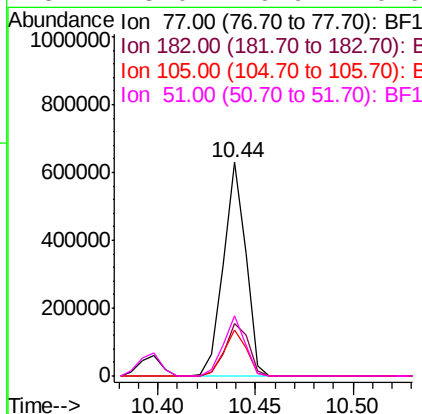
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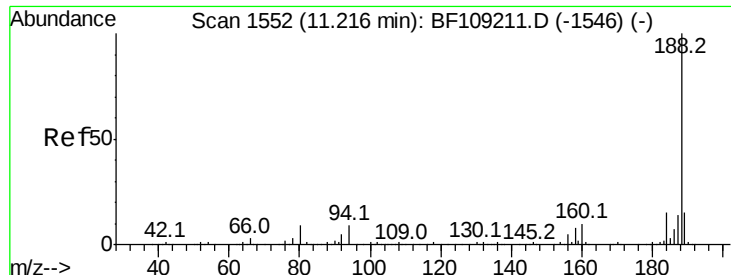
Sohil  
9/26/2018 3:43:03 PM



#62  
Azobenzene  
Concen: 35.236 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 182     | 24.4  | 1.7  | 41.7  |       |
| 105     | 21.7  | 3.0  | 43.0  |       |
| 51      | 28.0  | 9.9  | 49.9  |       |





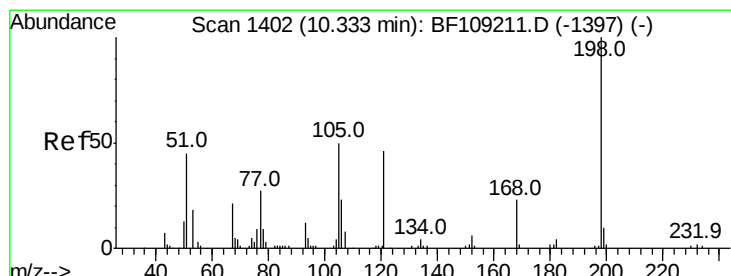
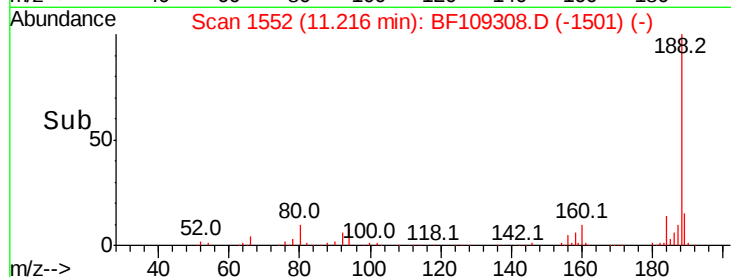
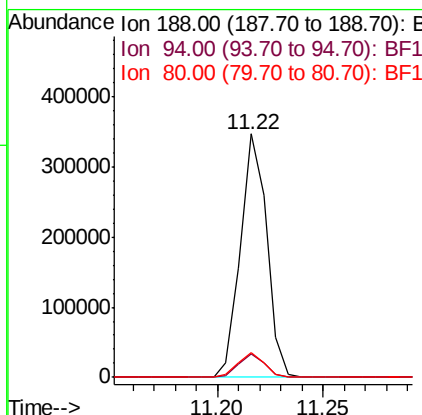
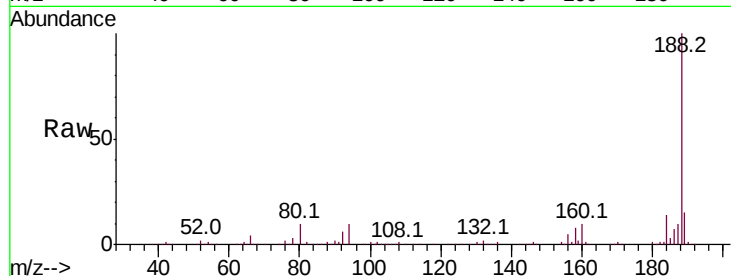
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.22 min Scan# 1552  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 299487 |       |       |
| 94      | 9.7   |        | 8.5   | 12.7  |
| 80      | 10.3  |        | 9.2   | 13.8  |

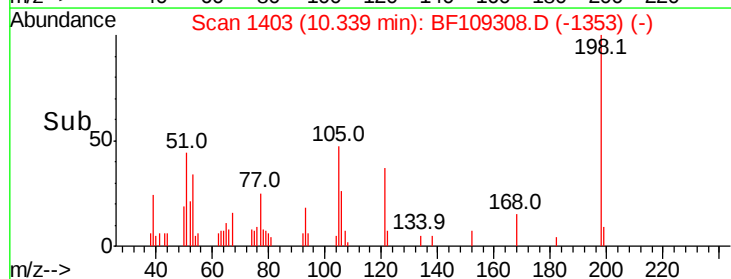
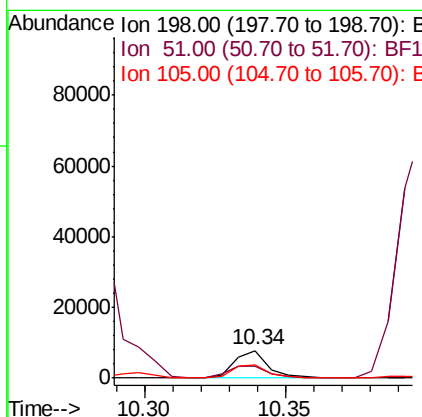
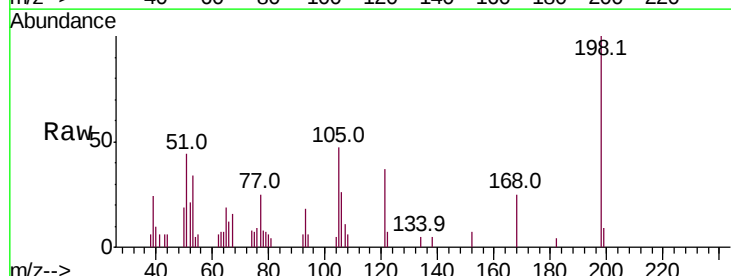
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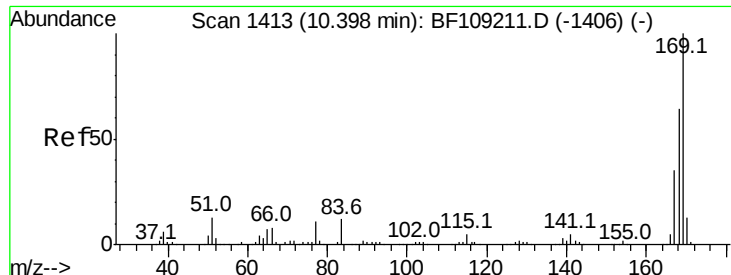
Sohil  
 9/26/2018 3:43:03 PM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 11.148 ng  
 RT: 10.34 min Scan# 1403  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   | 6420 |       |       |
| 51      | 44.3  |      | 37.7  | 77.7  |
| 105     | 46.6  |      | 36.3  | 76.3  |





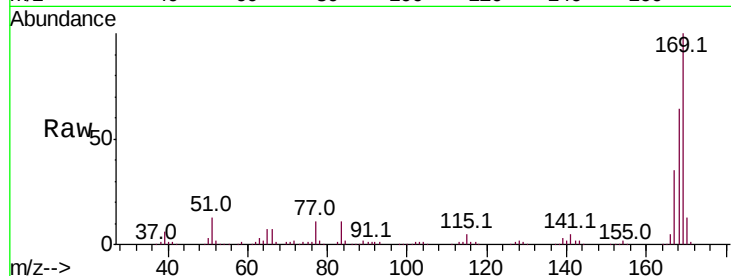
#65  
 n-Nitrosodiphenylamine  
 Concen: 44.634 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

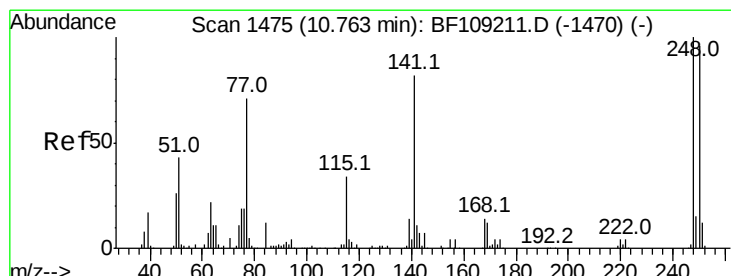
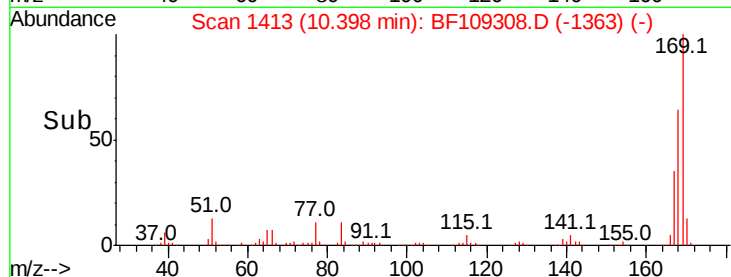
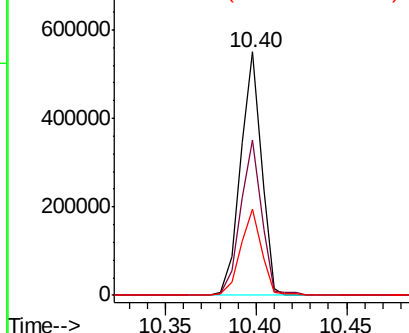
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 441646 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 63.8  | 54.4  | 81.6   |
| 167       | 35.5  | 29.8  | 44.6   |

Manual Integrations  
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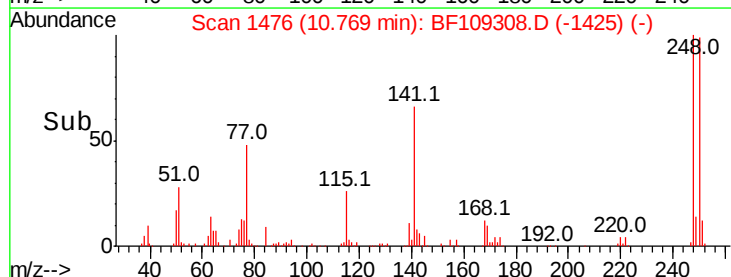
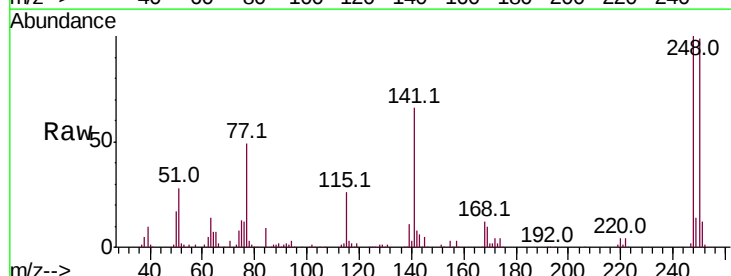
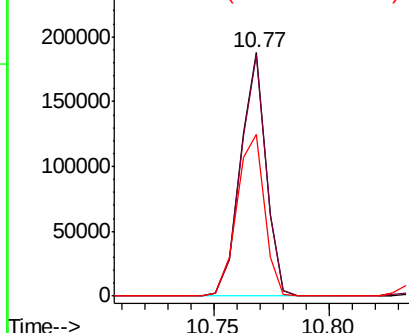
Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

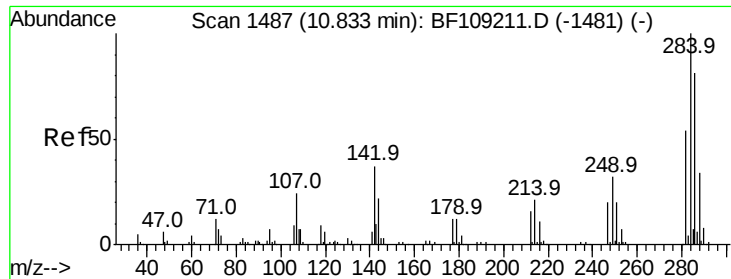


#66  
 4-Bromophenyl-phenylether  
 Concen: 43.770 ng  
 RT: 10.77 min Scan# 1476  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 145565 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.0  | 76.9  | 115.3  |
| 141       | 66.2  | 74.4  | 111.6# |

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





#67

Hexachlorobenzene

Concen: 41.874 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

ClientSampleId :

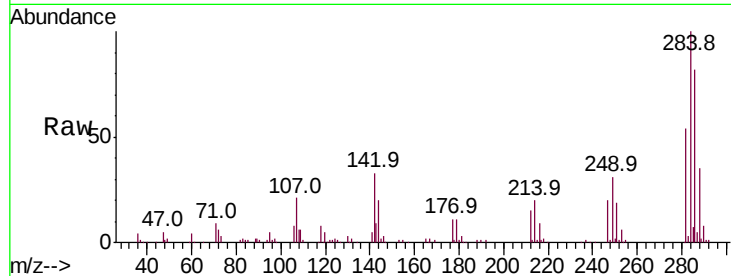
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 147903 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 33.3  | 34.6  | 52.0#  |
| 249       | 31.3  | 24.8  | 37.2   |

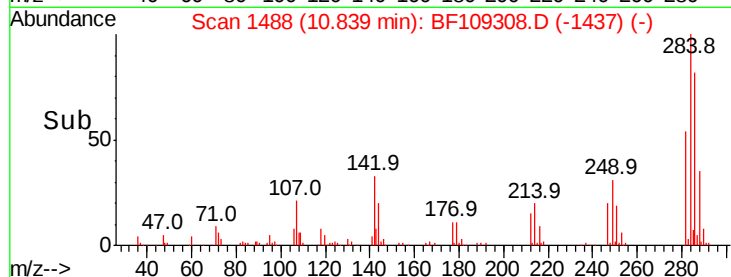
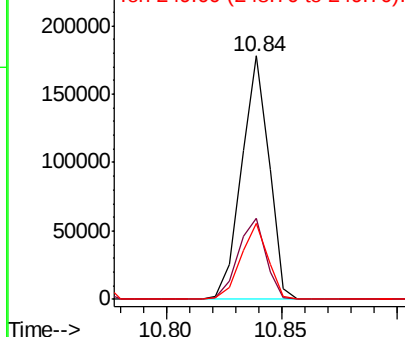
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Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.058 ng

RT: 10.93 min Scan# 1503

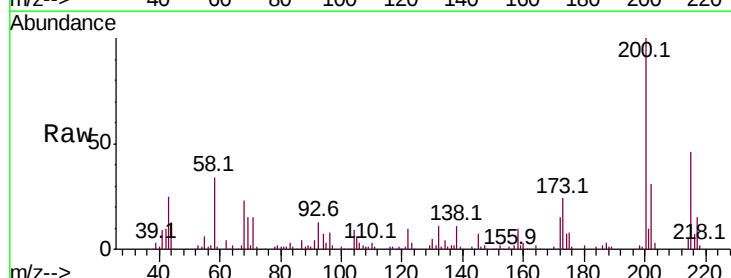
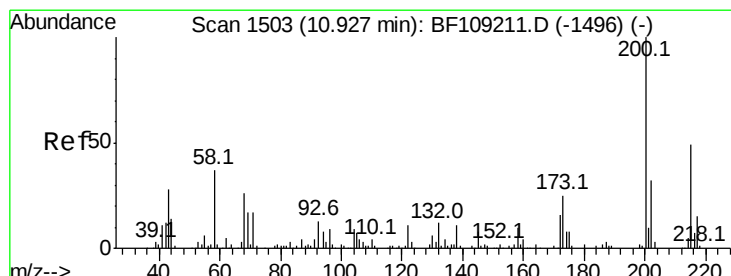
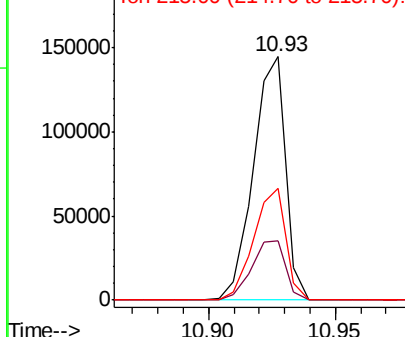
Delta R.T. -0.01 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 127990 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 24.3  | 8.6   | 48.6   |
| 215       | 46.0  | 25.1  | 65.1   |

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





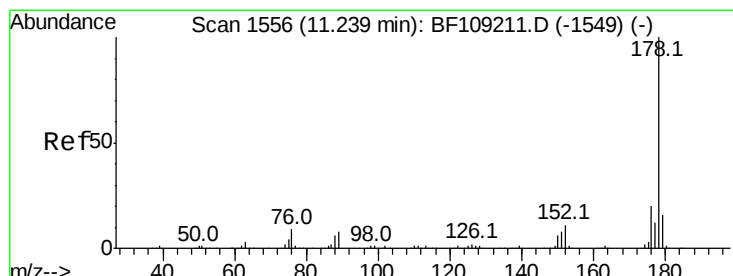
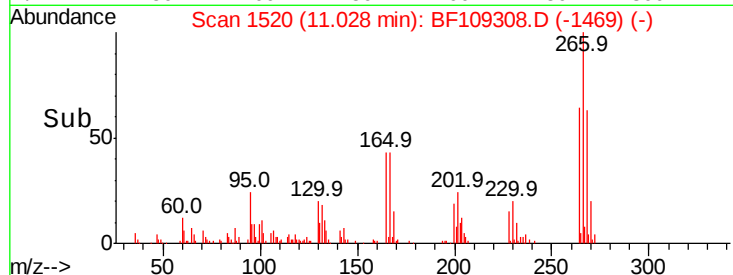
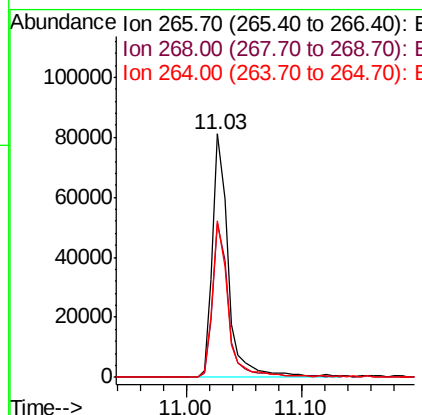
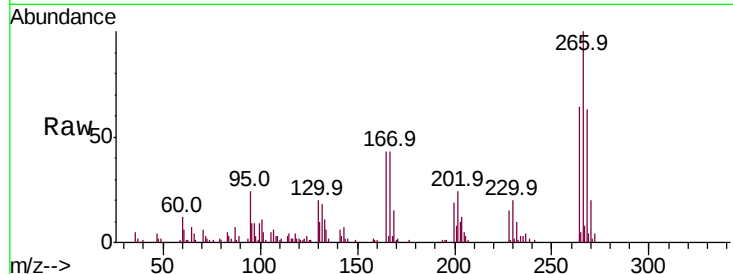
#69  
 Pentachlorophenol  
 Concen: 37.421 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 266     | 100   |      |       |       |
| 268     | 63.3  | 51.1 | 76.7  |       |
| 264     | 64.3  | 49.5 | 74.3  |       |

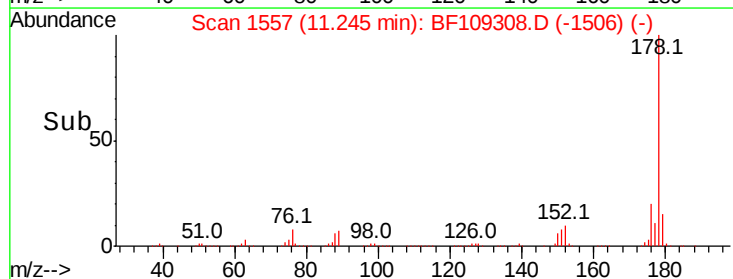
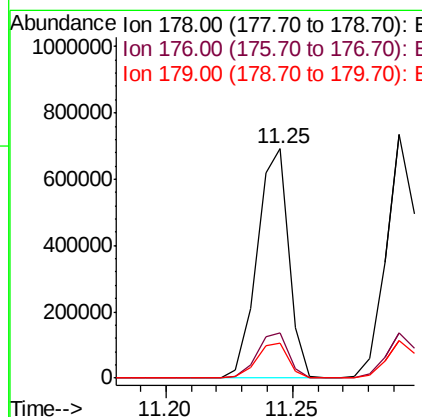
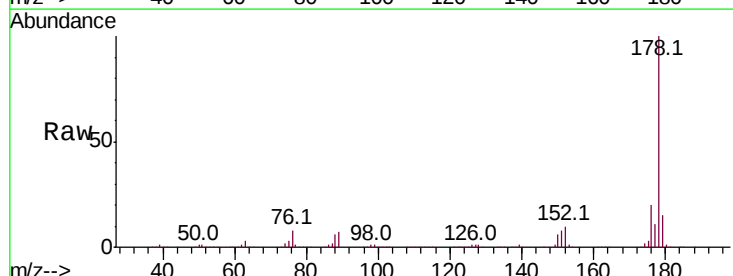
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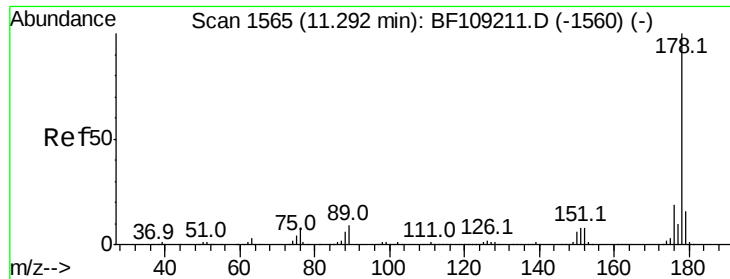
Sohil  
 9/26/2018 3:43:03 PM



#70  
 Phenanthrene  
 Concen: 40.287 ng  
 RT: 11.25 min Scan# 1557  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 178     | 100   |      |       |       |
| 176     | 19.7  | 15.8 | 23.8  |       |
| 179     | 15.1  | 13.0 | 19.6  |       |





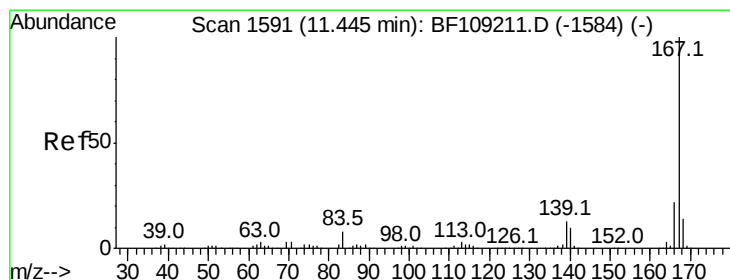
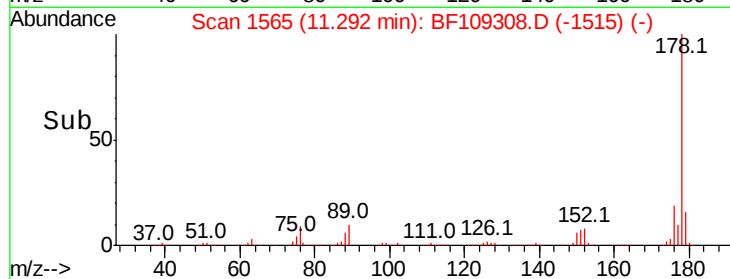
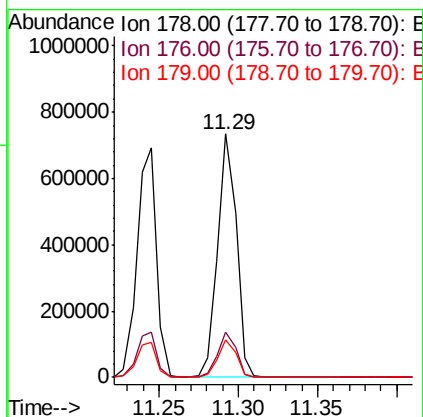
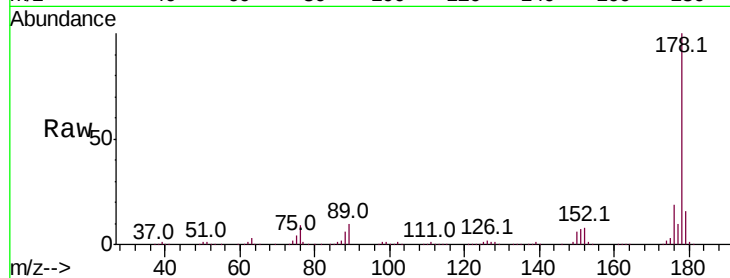
#71  
 Anthracene  
 Concen: 39.814 ng  
 RT: 11.29 min Scan# 1565  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.4  | 23.2  |
| 179     | 15.7  | 12.6  | 19.0  |

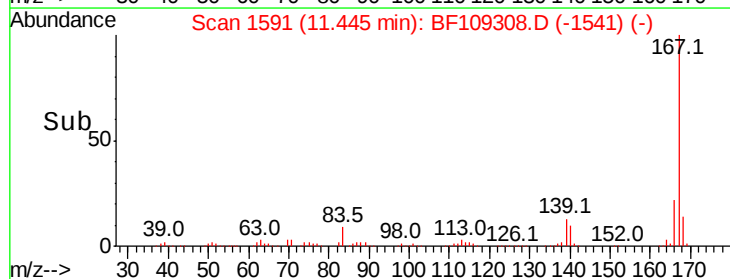
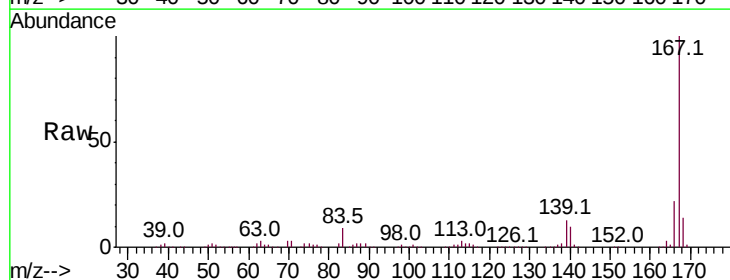
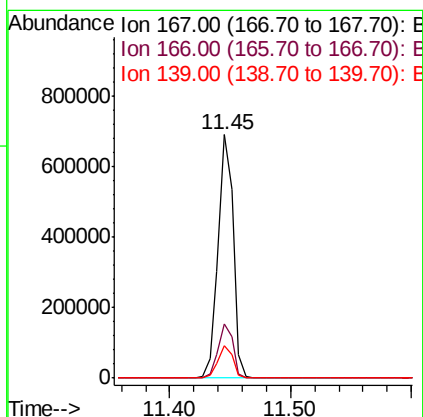
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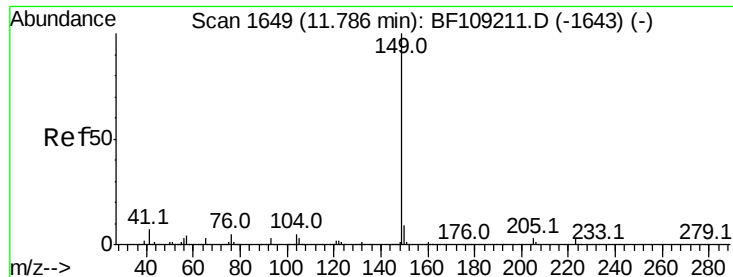
Sohil  
 9/26/2018 3:43:03 PM



#72  
 Carbazole  
 Concen: 39.065 ng  
 RT: 11.45 min Scan# 1591  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 17.6  | 26.4  |
| 139     | 13.4  | 10.9  | 16.3  |





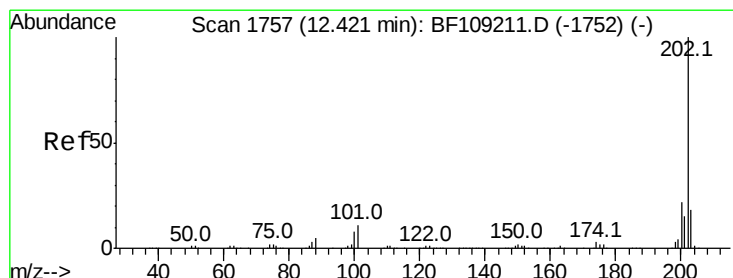
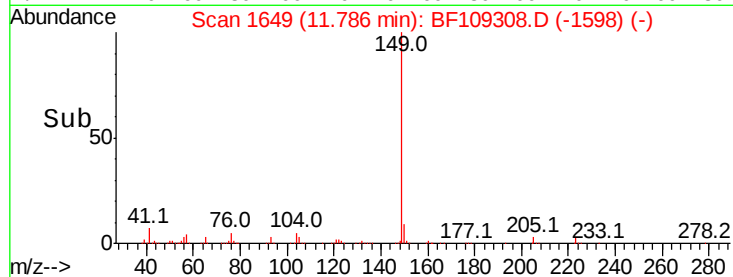
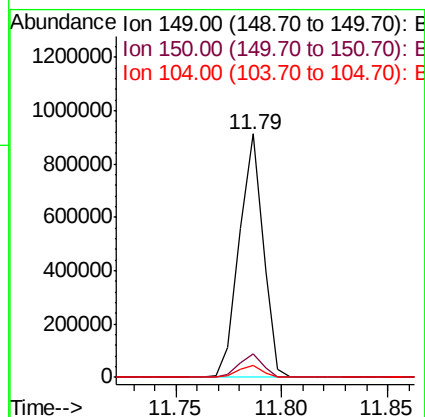
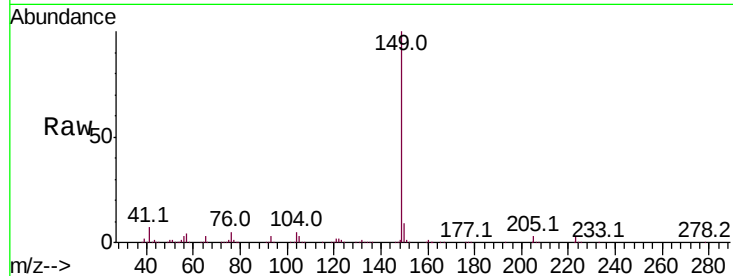
#73  
Di-n-butylphthalate  
Concen: 40.995 ng  
RT: 11.79 min Scan# 1649  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 712166 |       |       |
| 150     | 9.4   | 7.8    | 11.6  |       |
| 104     | 4.8   | 3.8    | 5.8   |       |

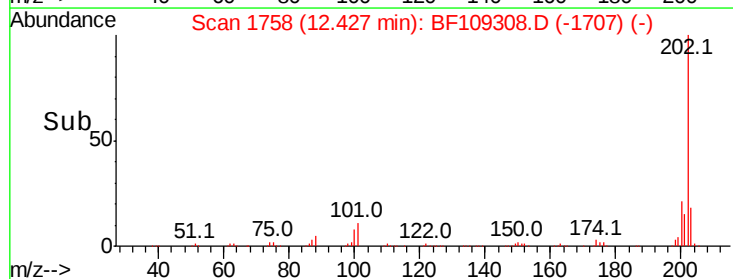
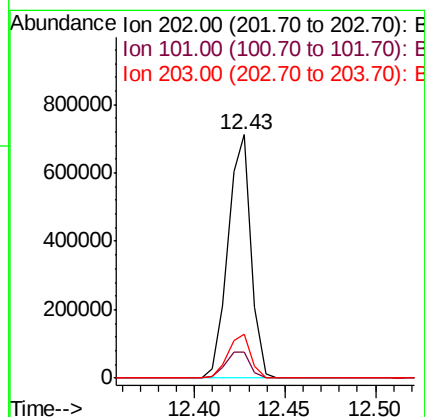
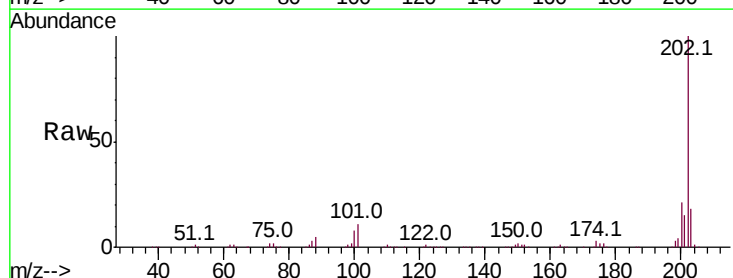
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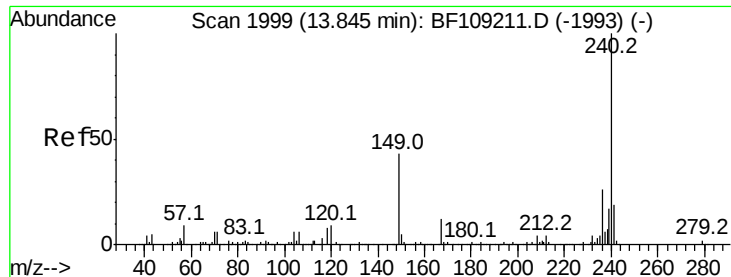
Sohil  
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#74  
Fluoranthene  
Concen: 39.363 ng  
RT: 12.43 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 629021 |       |       |
| 101     | 10.6  | 0.0    | 34.1  |       |
| 203     | 17.8  | 0.0    | 38.1  |       |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

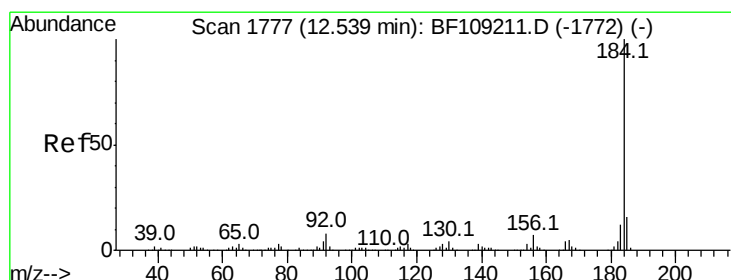
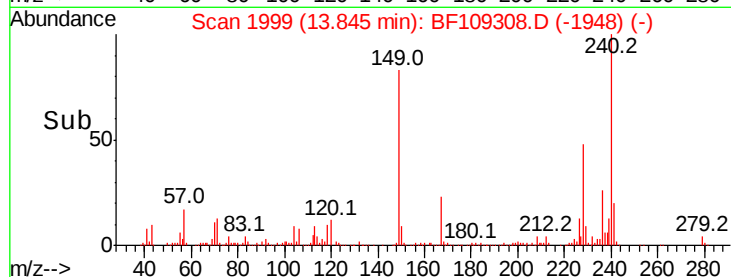
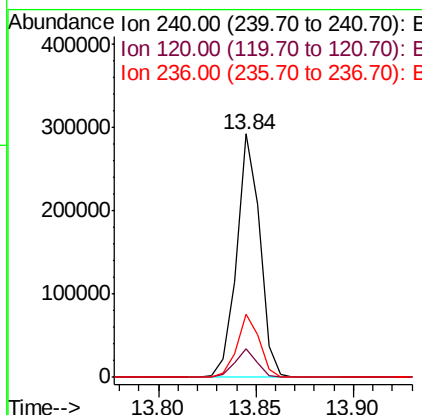
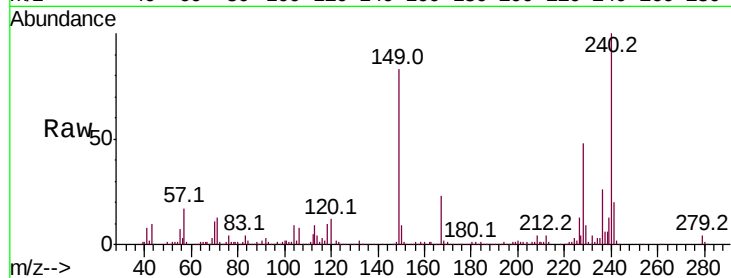
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 240712 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.6  | 9.5   | 14.3   |
| 236       | 26.1  | 20.7  | 31.1   |

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#76

Benzidine

Concen: 52.832 ng

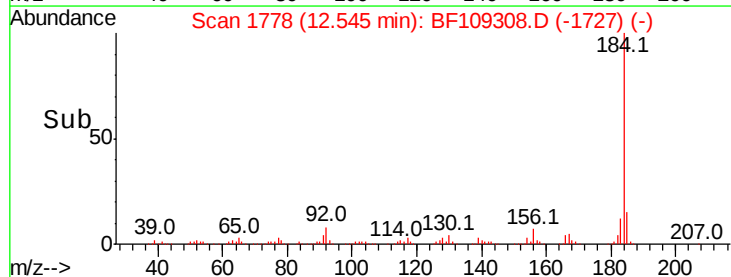
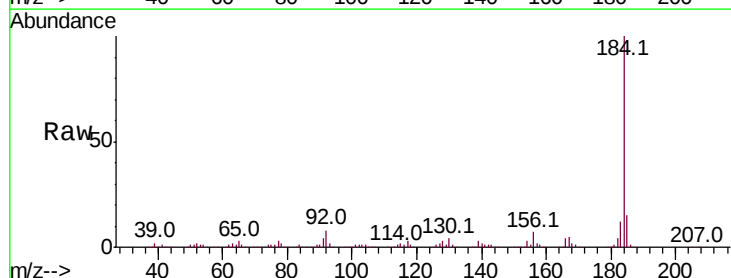
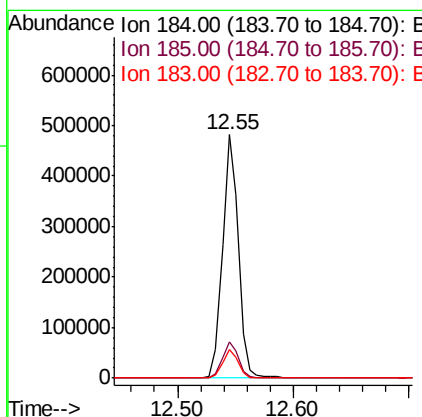
RT: 12.55 min Scan# 1778

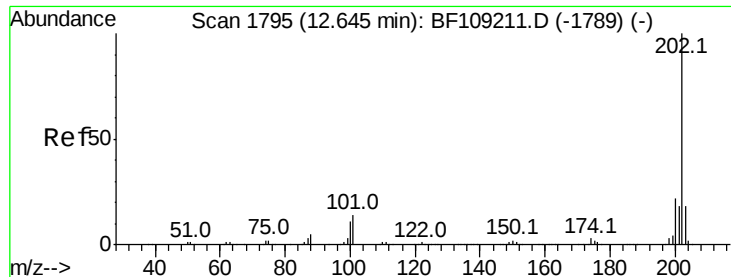
Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 458517 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.0  | 12.6  | 18.8   |
| 183       | 11.6  | 9.3   | 13.9   |





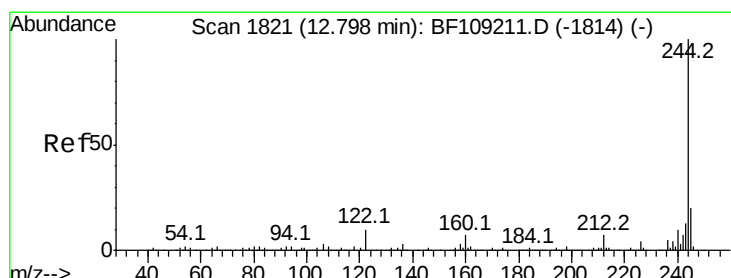
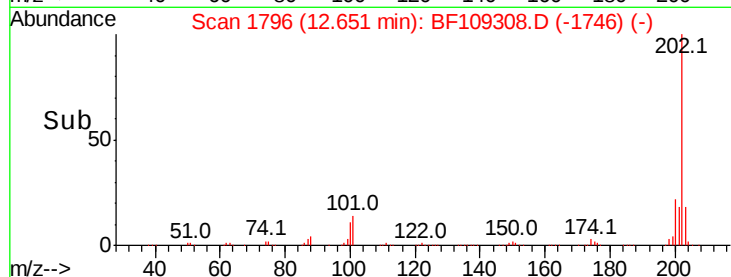
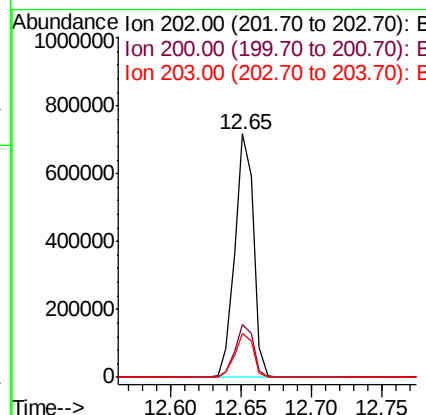
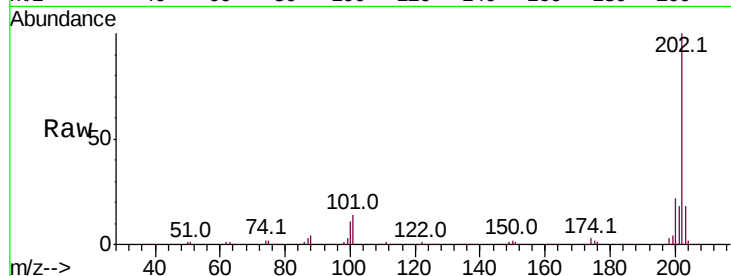
#77  
Pvrene  
Concen: 38.120 ng  
RT: 12.65 min Scan# 1796  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.8  | 17.4       | 26.2  |
| 203     | 18.0  | 14.3       | 21.5  |

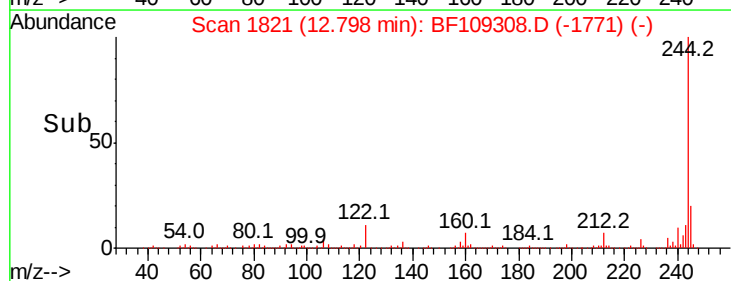
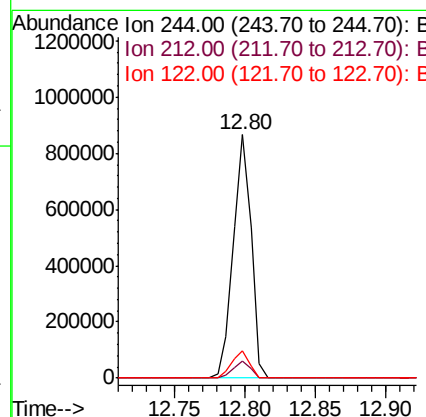
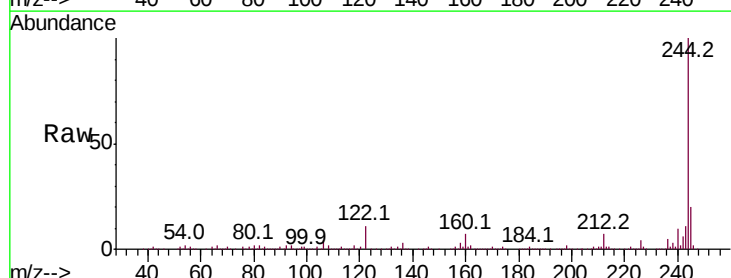
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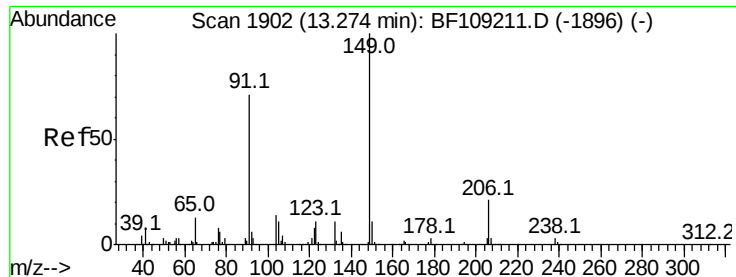
Sohil  
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#78  
Terphenyl-d14  
Concen: 77.752 ng  
RT: 12.80 min Scan# 1821  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 6.9   | 5.4        | 8.0   |
| 122     | 11.3  | 11.0       | 16.4  |





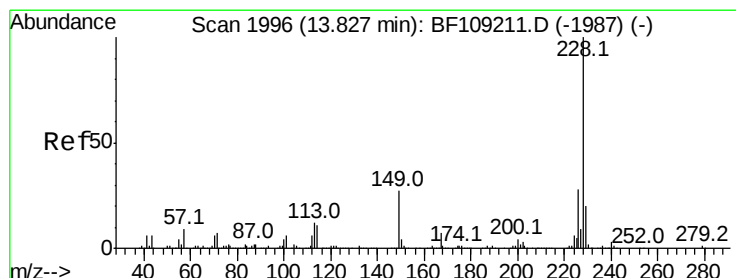
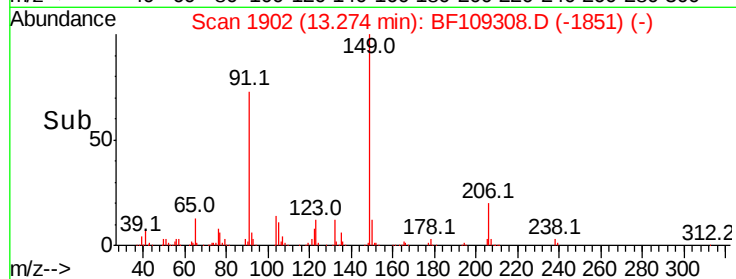
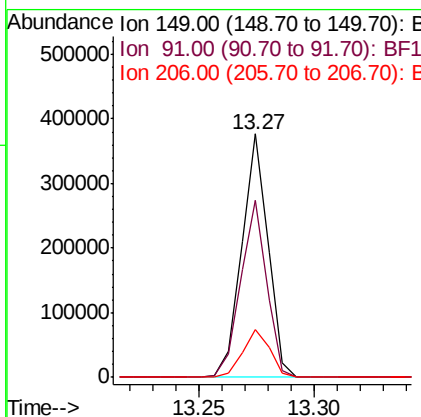
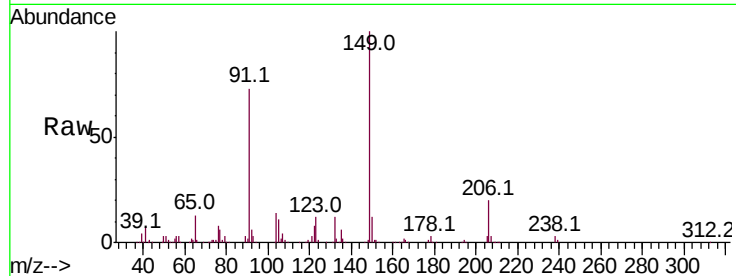
#79  
Butylbenzylphthalate  
Concen: 40.783 ng  
RT: 13.27 min Scan# 1902  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 299329 |       |       |
| 91      | 72.5  | 56.8   | 85.2  |       |
| 206     | 19.8  | 14.1   | 21.1  |       |

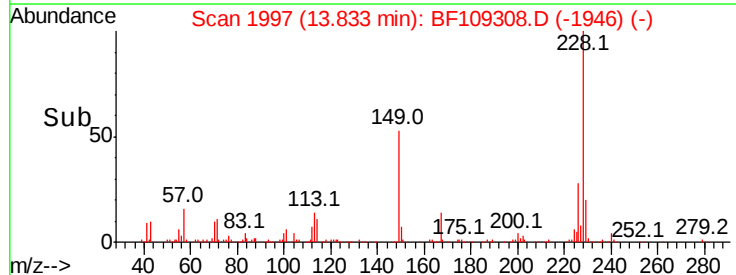
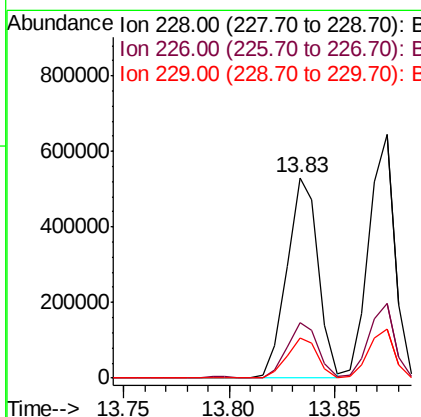
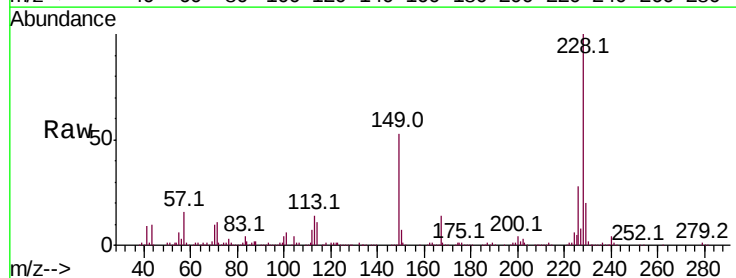
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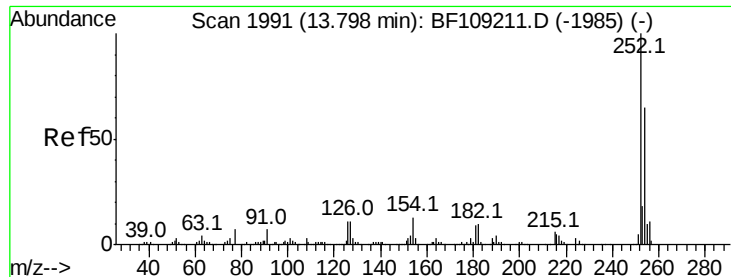
Sohil  
9/26/2018 3:43:03 PM



#80  
Benzo(a)anthracene  
Concen: 37.671 ng  
RT: 13.83 min Scan# 1997  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 546187 |       |       |
| 226     | 27.7  | 22.6   | 33.8  |       |
| 229     | 20.1  | 15.8   | 23.6  |       |





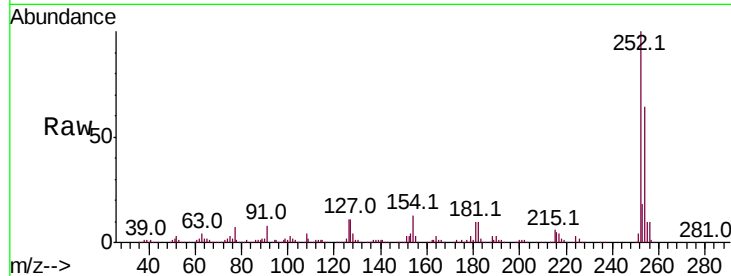
#81  
 3,3'-Dichlorobenzidine  
 Concen: 43.232 ng  
 RT: 13.80 min Scan# 1991  
 Delta R.T. -0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

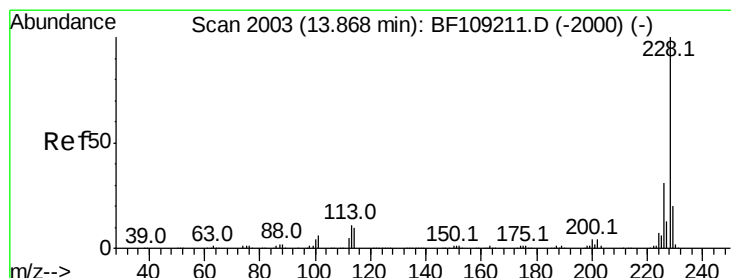
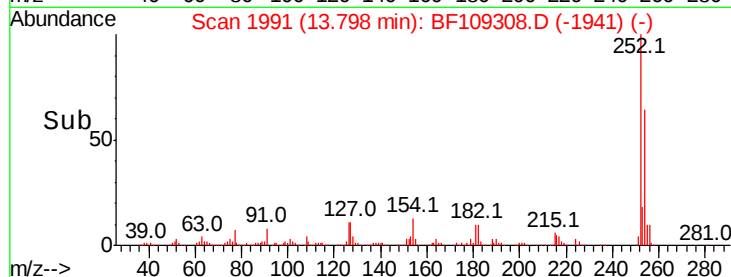
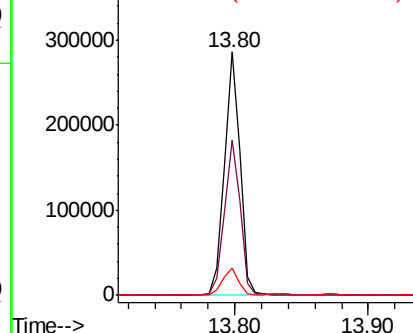
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 238213 |       |       |
| 254     | 63.9  | 50.4   | 75.6  |       |
| 126     | 11.3  | 11.3   | 16.9  |       |

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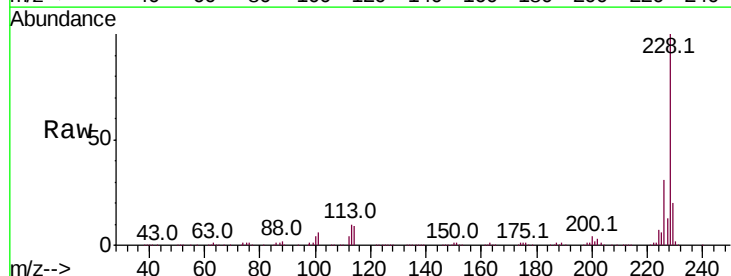


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

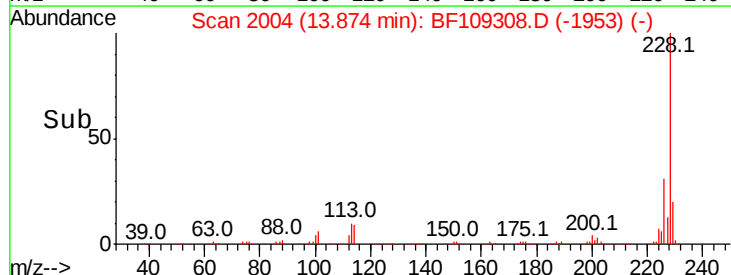
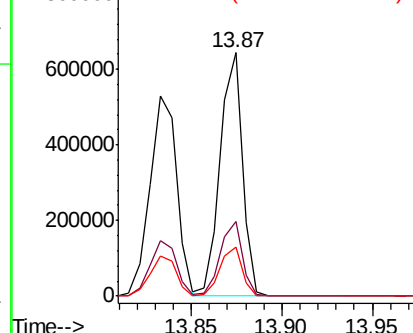


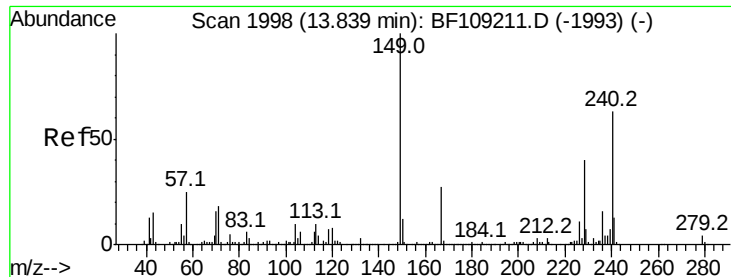
#82  
 Chrysene  
 Concen: 38.397 ng  
 RT: 13.87 min Scan# 2004  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 551791 |       |       |
| 226     | 30.8  | 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: 40.858 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

Instrument :

BNA\_F

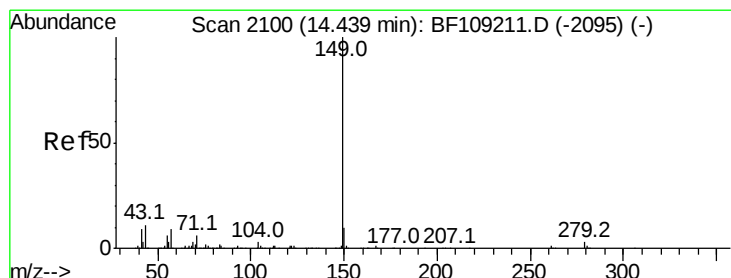
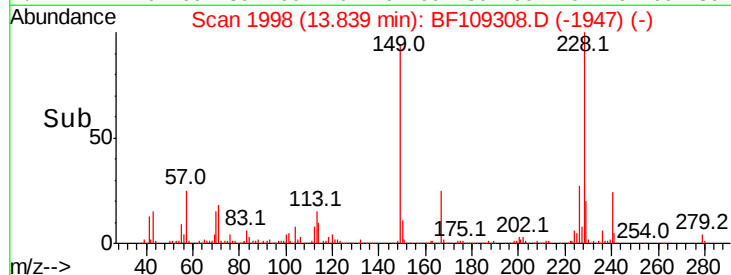
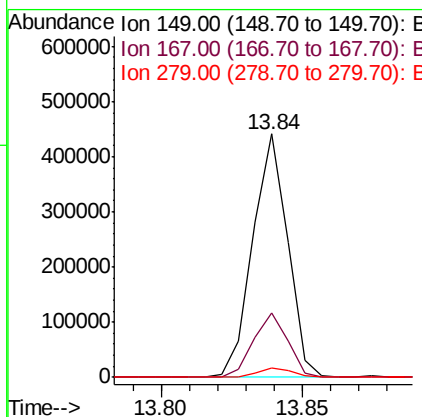
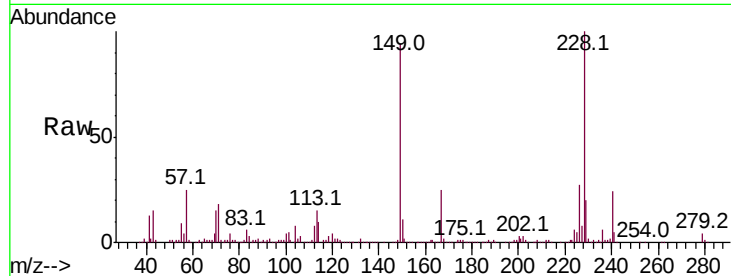
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 378189 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.2  | 21.3  | 31.9   |
| 279       | 3.8   | 3.0   | 4.4    |

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#84

Di-n-octyl phthalate

Concen: 43.487 ng

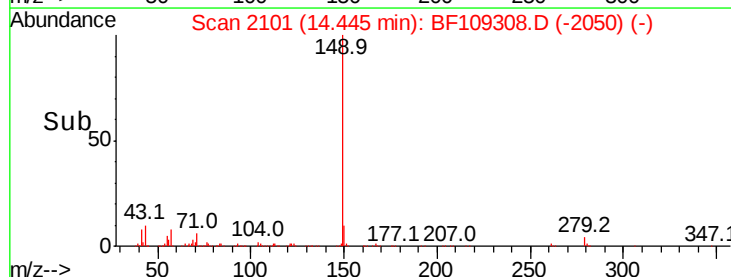
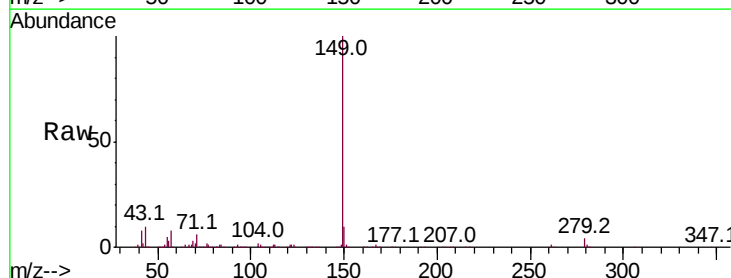
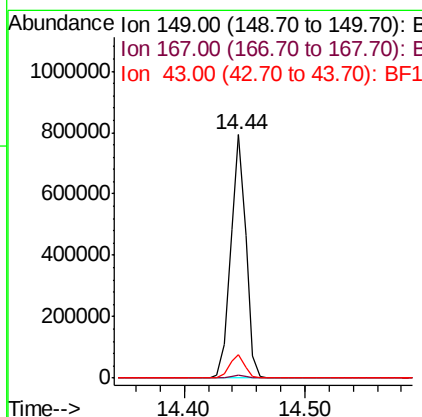
RT: 14.44 min Scan# 2101

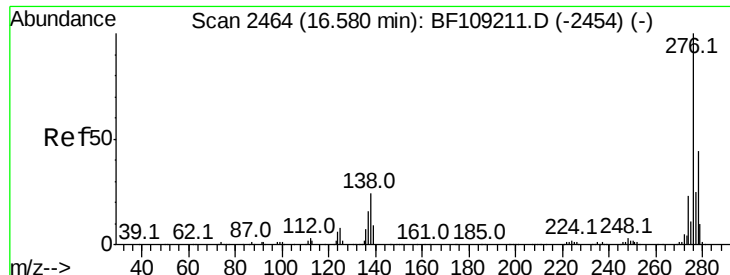
Delta R.T. 0.00 min

Lab File: BF109308.D

Acq: 26 Sep 2018 1:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 688247 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 9.7   | 8.4   | 12.6   |





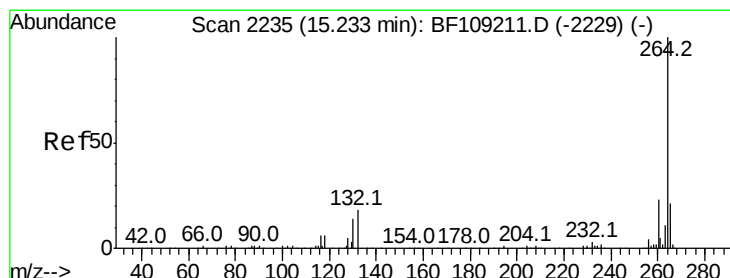
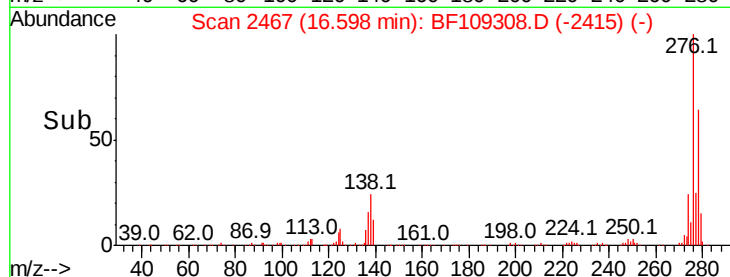
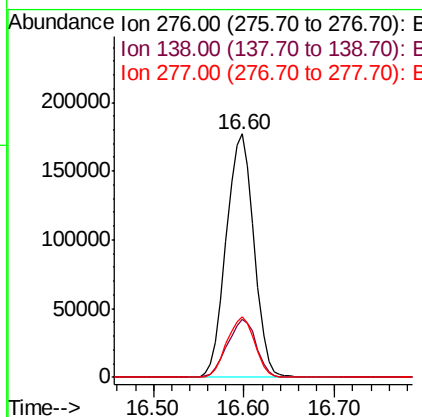
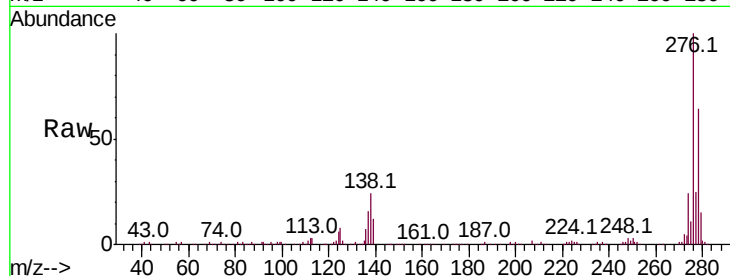
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.339 ng  
 RT: 16.60 min Scan# 2467  
 Delta R.T. 0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.9  | 25.0  | 37.6# |
| 277     | 25.2  | 20.1  | 30.1  |

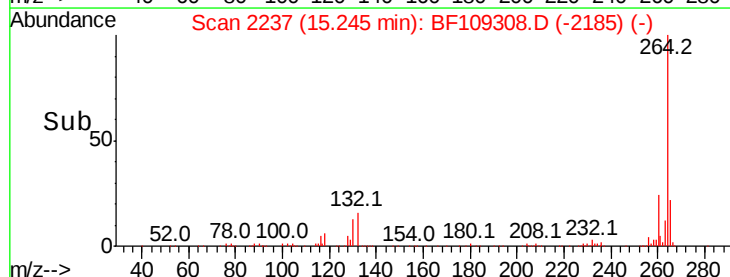
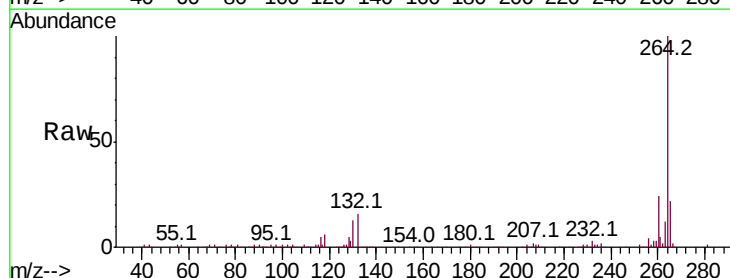
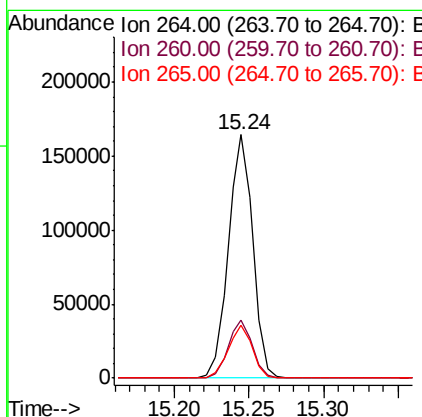
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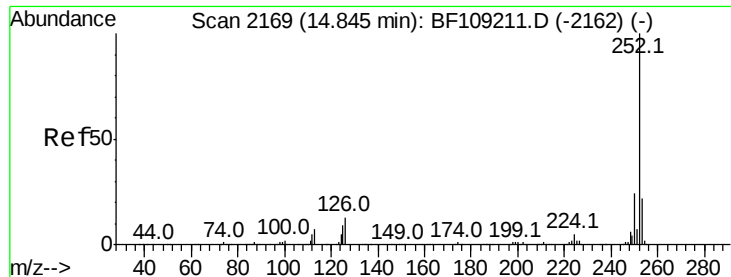
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.24 min Scan# 2237  
 Delta R.T. 0.01 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 21.8  | 17.5  | 26.3  |





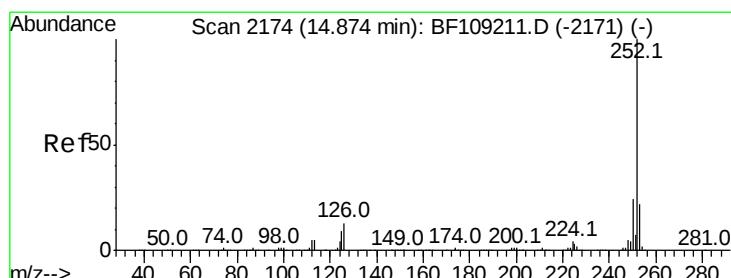
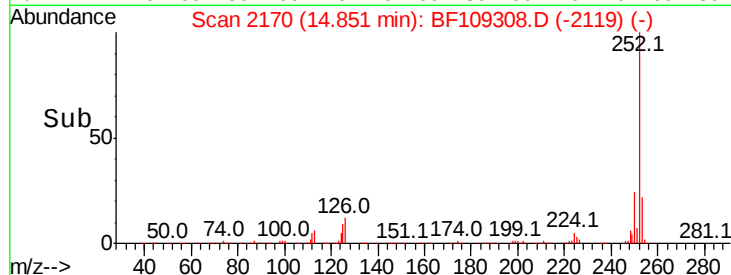
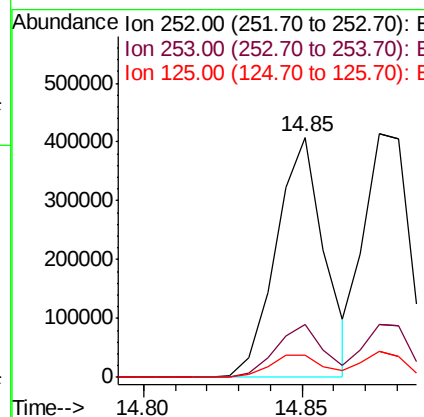
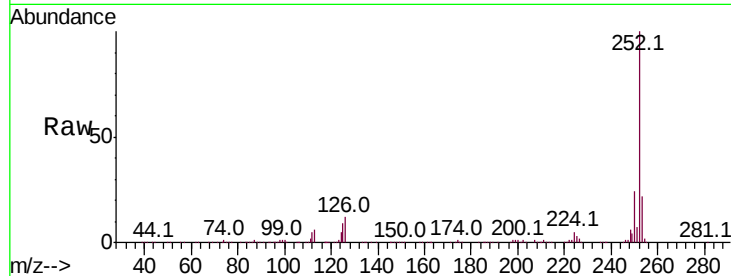
#87  
Benzo(b)fluoranthene  
Concen: 41.599 ng  
RT: 14.85 min Scan# 2170  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.0  | 25.6  |
| 125     | 9.2   | 9.0   | 13.6  |

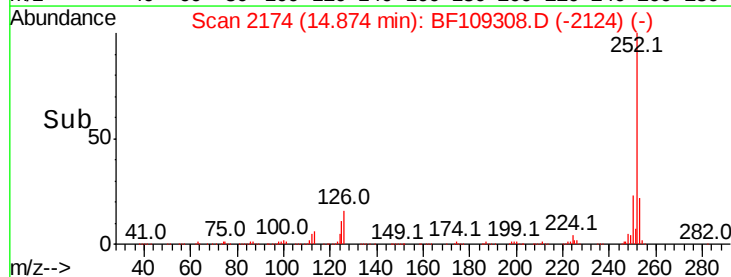
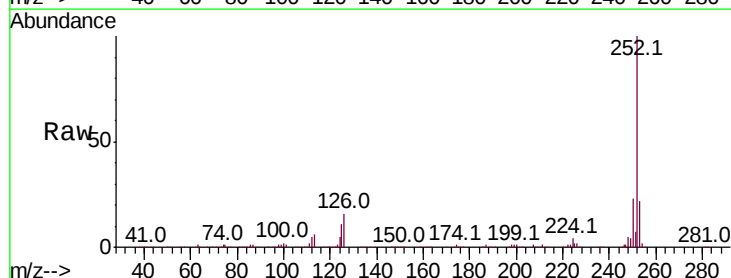
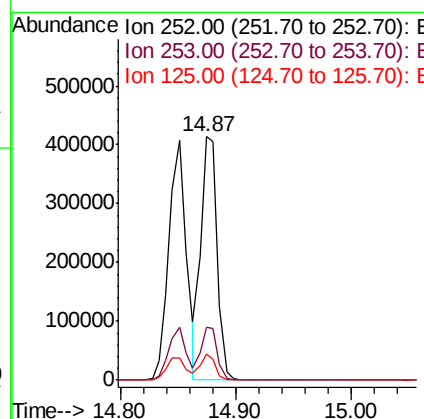
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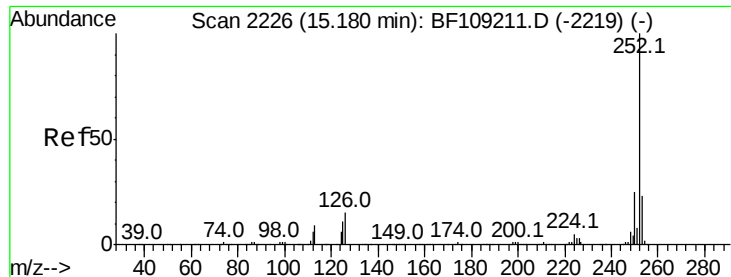
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#88  
Benzo(k)fluoranthene  
Concen: 42.184 ng  
RT: 14.87 min Scan# 2174  
Delta R.T. -0.01 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.9  | 26.9  |
| 125     | 10.6  | 10.2  | 15.2  |





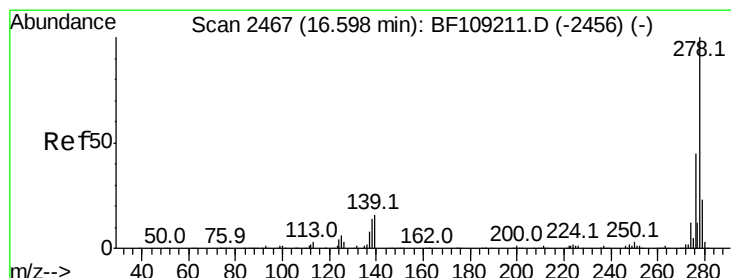
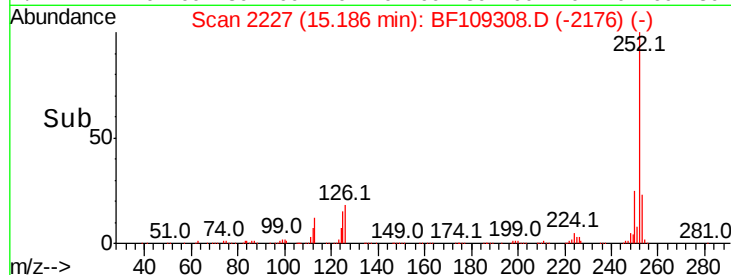
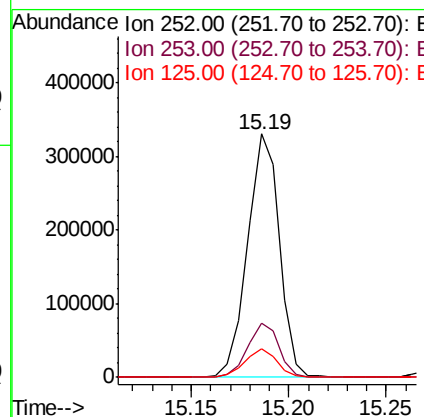
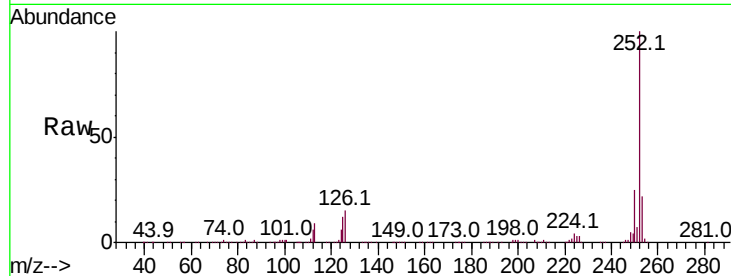
#89  
Benzo(a)pyrene  
Concen: 39.912 ng  
RT: 15.19 min Scan# 2227  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.1  | 25.7  |
| 125     | 11.7  | 9.8   | 14.6  |

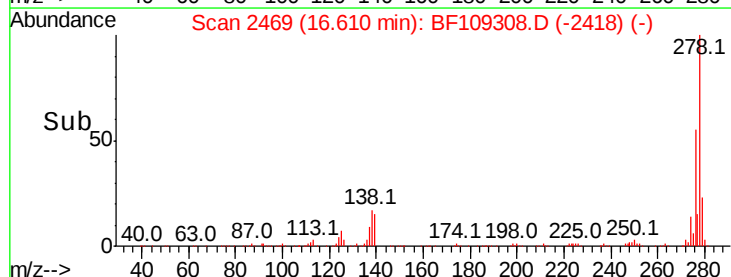
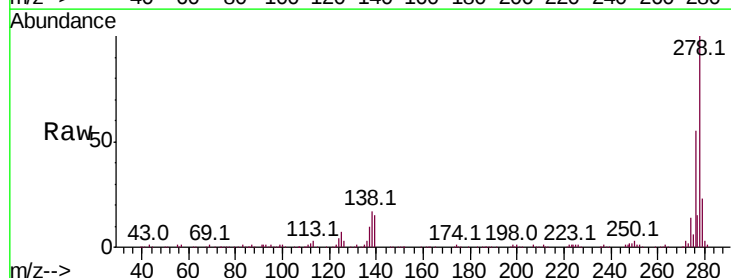
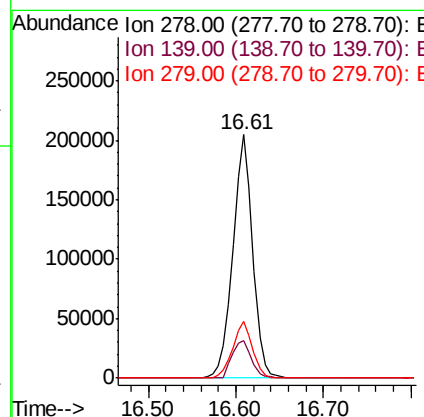
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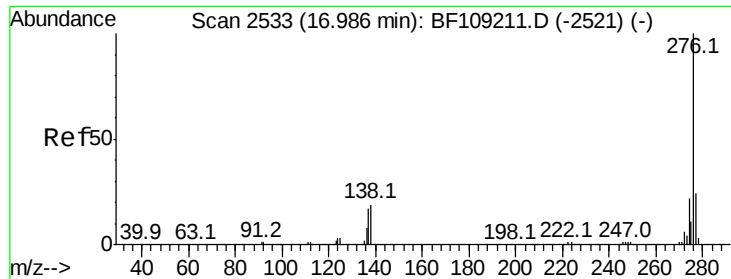
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.279 ng  
RT: 16.61 min Scan# 2469  
Delta R.T. 0.00 min  
Lab File: BF109308.D  
Acq: 26 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.3  | 15.9  | 23.9# |
| 279     | 23.2  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 41.340 ng  
 RT: 17.00 min Scan# 2535  
 Delta R.T. 0.00 min  
 Lab File: BF109308.D  
 Acq: 26 Sep 2018 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 312170 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.1  | 17.9  | 26.9   |
| 138       | 21.4  | 21.8  | 32.8   |

Manual Integrations  
 APPROVED

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