

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\  
 Data File : BF109242.D  
 Acq On : 23 Sep 2018 00:37  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

Sohil  
 9/24/2018 11:39:12 AM

Quant Time: Sep 24 08:12:59 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  | 108899   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 418613   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.74  | 164  | 183601   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.22 | 188  | 294969   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.85 | 240  | 206366   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.24 | 264  | 195017   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.31  | 112 | 526119  | 79.57 | ng | 0.00 |
| 7) Phenol-d6             | 6.35  | 99  | 668598  | 79.25 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.27  | 82  | 607762  | 85.70 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.53 | 330 | 132606  | 73.27 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.07  | 172 | 1054433 | 86.62 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.80 | 244 | 646059  | 76.83 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.35 | 88  | 116930  | 38.400 | ng | 93     |
| 3) Pyridine                    | 3.05 | 79  | 318596  | 40.652 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 2.99 | 42  | 134673  | 40.379 | ng | # 99   |
| 6) Aniline                     | 6.37 | 93  | 419066  | 38.824 | ng | # 87   |
| 8) 2-Chlorophenol              | 6.49 | 128 | 294608  | 40.070 | ng | 99     |
| 9) Benzaldehyde                | 6.25 | 77  | 216310  | 39.911 | ng | 96     |
| 10) Phenol                     | 6.36 | 94  | 367312  | 38.445 | ng | # 71   |
| 11) bis(2-Chloroethyl)ether    | 6.45 | 93  | 290449  | 38.850 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146 | 334728  | 39.541 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.73 | 146 | 337730  | 39.601 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.88 | 146 | 307669  | 39.108 | ng | 99     |
| 15) Benzyl Alcohol             | 6.85 | 79  | 259057  | 40.115 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45  | 410988  | 38.756 | ng | 95     |
| 17) 2-Methylphenol             | 6.97 | 107 | 228751  | 38.451 | ng | 96     |
| 18) Hexachloroethane           | 7.22 | 117 | 104910  | 34.916 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70  | 215915  | 39.057 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 282191  | 39.289 | ng | # 56   |
| 22) Acetophenone               | 7.12 | 105 | 384018  | 39.678 | ng | # 91   |
| 24) Nitrobenzene               | 7.29 | 77  | 315236  | 41.808 | ng | 98     |
| 25) Isophorone                 | 7.53 | 82  | 506542  | 39.668 | ng | 97     |
| 26) 2-Nitrophenol              | 7.61 | 139 | 129581  | 43.457 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 226154  | 40.645 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93  | 339480  | 40.161 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 237907  | 40.696 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180 | 257441  | 39.410 | ng | 97     |
| 31) Naphthalene                | 8.02 | 128 | 771270  | 39.428 | ng | 100    |
| 32) Benzoic acid               | 7.76 | 122 | 126751m | 35.573 | ng |        |
| 33) 4-Chloroaniline            | 8.06 | 127 | 337758  | 39.524 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.14 | 225 | 160478  | 40.751 | ng | 99     |
| 35) Caprolactam                | 8.43 | 113 | 74719   | 40.033 | ng | 89     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 244057  | 39.674 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.70 | 142 | 492008  | 39.016 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 251874  | 43.106 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.86 | 237 | 23837   | 9.353  | ng | 98     |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

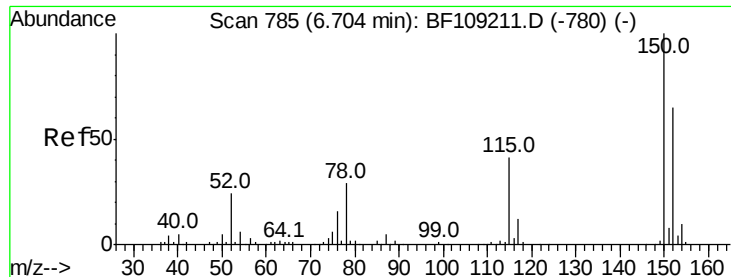
Sohil  
 9/24/2018 11:39:12 AM

Quant Time: Sep 24 08:12:59 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      | 8.98  | 196  | 162416   | 43.309 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.02  | 196  | 165679   | 41.831 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 9.17  | 154  | 628101   | 41.988 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.19  | 162  | 490967   | 41.083 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.28  | 65   | 153512   | 45.308 | nq    | 94       |
| 48) Acenaphthylene             | 9.60  | 152  | 715722   | 39.700 | nq    | 100      |
| 49) Dimethylphthalate          | 9.47  | 163  | 567258   | 42.479 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.53  | 165  | 116366   | 43.998 | nq    | 96       |
| 51) Acenaphthene               | 9.77  | 154  | 422500   | 38.762 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.69  | 138  | 136423   | 44.541 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 9.80  | 184  | 6623     | 14.813 | nq #  | 19       |
| 54) Dibenzofuran               | 9.95  | 168  | 626805   | 38.668 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.85  | 139  | 81610    | 35.370 | nq    | 93       |
| 56) 2,4-Dinitrotoluene         | 9.93  | 165  | 137179   | 40.993 | nq #  | 97       |
| 57) Fluorene                   | 10.29 | 166  | 426027   | 36.835 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 120971   | 38.575 | nq    | 90       |
| 59) Diethylphthalate           | 10.16 | 149  | 564558   | 41.748 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.28 | 204  | 237742   | 39.355 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.30 | 138  | 120401   | 40.309 | nq    | 93       |
| 62) Azobenzene                 | 10.44 | 77   | 525997   | 37.438 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.33 | 198  | 15354    | 17.759 | nq    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.40 | 169  | 456866   | 46.879 | nq    | 94       |
| 66) 4-Bromophenyl-phenylether  | 10.77 | 248  | 147595   | 45.060 | nq #  | 85       |
| 67) Hexachlorobenzene          | 10.84 | 284  | 145350   | 41.782 | nq #  | 87       |
| 68) Atrazine                   | 10.92 | 200  | 129536   | 43.218 | nq    | 98       |
| 69) Pentachlorophenol          | 11.03 | 266  | 80335    | 38.584 | nq    | 99       |
| 70) Phenanthrene               | 11.24 | 178  | 585256   | 39.738 | nq    | 99       |
| 71) Anthracene                 | 11.29 | 178  | 586186   | 39.242 | nq    | 100      |
| 72) Carbazole                  | 11.45 | 167  | 565553   | 38.053 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.79 | 149  | 767722   | 44.870 | nq    | 99       |
| 74) Fluoranthene               | 12.42 | 202  | 548325   | 34.838 | nq    | 95       |
| 76) Benzidine                  | 12.55 | 184  | 335954   | 45.152 | nq    | 98       |
| 77) Pyrene                     | 12.65 | 202  | 561177   | 37.943 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.27 | 149  | 260437   | 41.390 | nq    | 96       |
| 80) Benzo(a)anthracene         | 13.83 | 228  | 488310   | 39.285 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.80 | 252  | 210374   | 44.534 | nq #  | 94       |
| 82) Chrysene                   | 13.87 | 228  | 484098   | 39.293 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 336775   | 42.439 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.44 | 149  | 614080   | 45.259 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.59 | 276  | 369399   | 36.991 | nq #  | 93       |
| 87) Benzo(b)fluoranthene       | 14.84 | 252  | 420340   | 39.225 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 14.87 | 252  | 431927m  | 42.476 | nq    |          |
| 89) Benzo(a)pyrene             | 15.19 | 252  | 388121   | 40.194 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.60 | 278  | 311396   | 39.309 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 16.99 | 276  | 290728   | 37.342 | nq #  | 93       |

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





#1

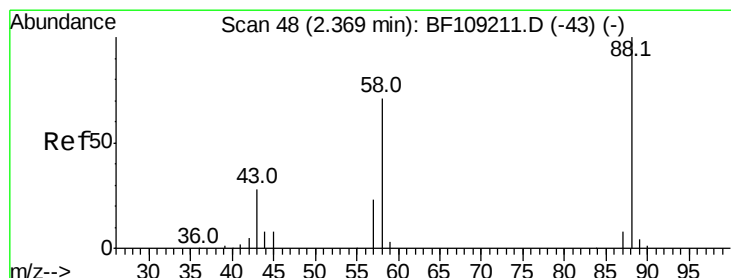
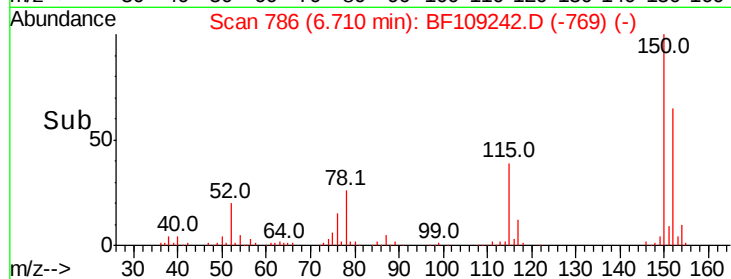
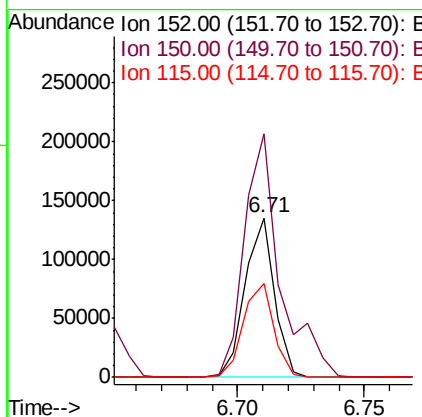
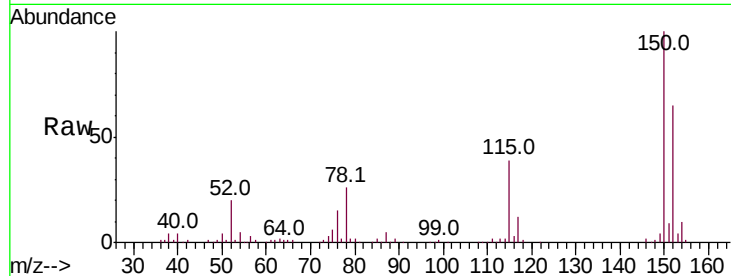
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.71 min Scan# 786  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.7 | 124.6 | 186.8 |
| 115     | 59.2  | 50.1  | 75.1  |

Manual Integrations  
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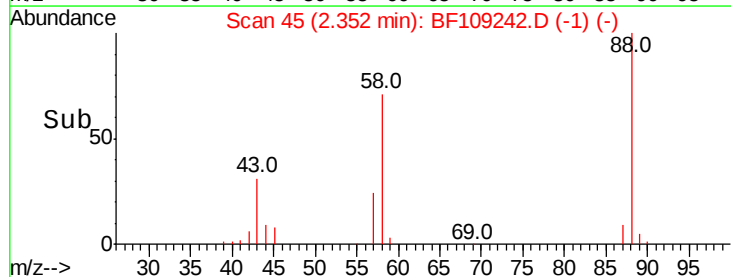
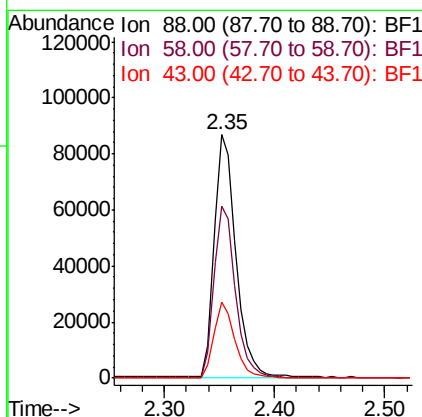
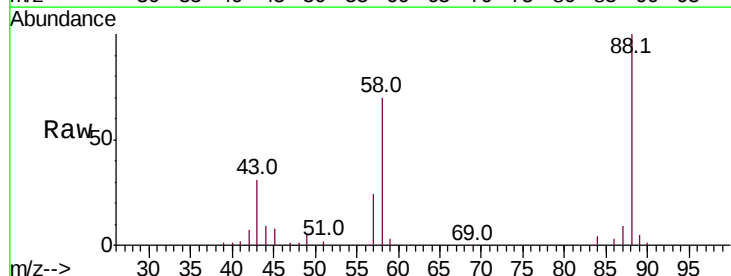
Sohil  
9/24/2018 11:39:12 AM

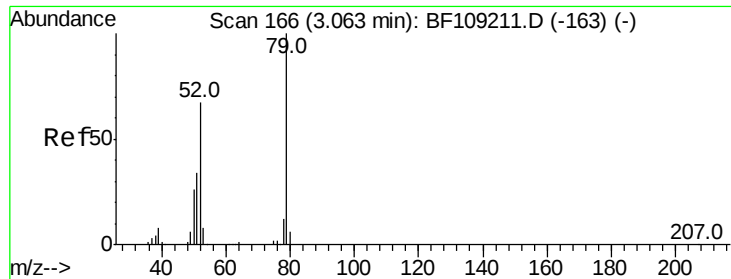


#2

1,4-Dioxane  
Concen: 38.400 ng  
RT: 2.35 min Scan# 45  
Delta R.T. -0.02 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.3  | 62.6  | 93.8  |
| 43      | 30.5  | 24.6  | 37.0  |





#3

Pvridine

Concen: 40.652 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

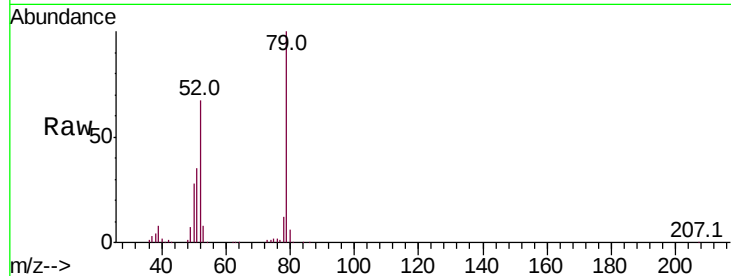
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SSTDCCC040EC

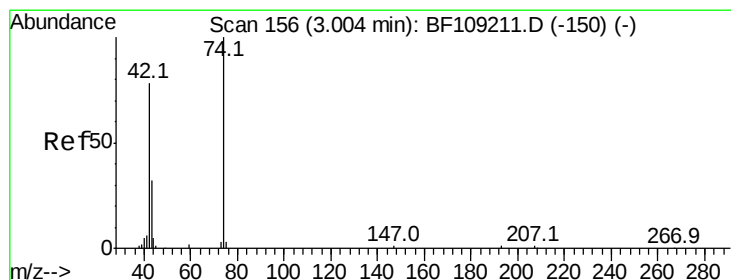
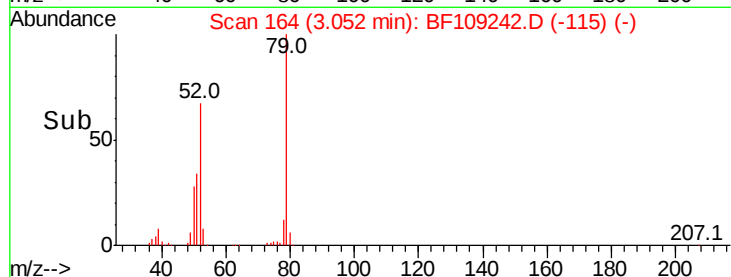
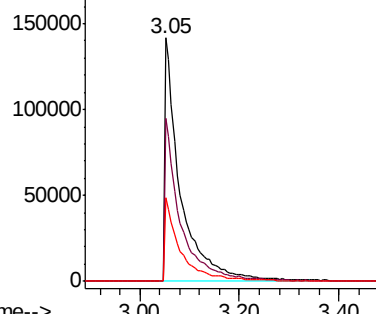
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 318596 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 67.1  | 59.8  | 89.6   |
| 51        | 34.5  | 29.8  | 44.8   |

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Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.379 ng

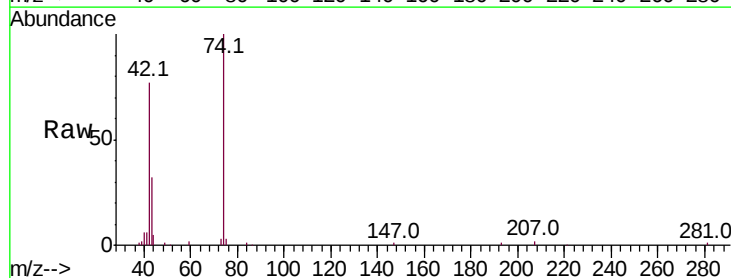
RT: 2.99 min Scan# 154

Delta R.T. -0.03 min

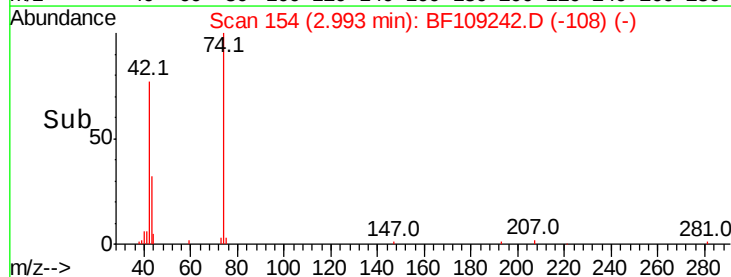
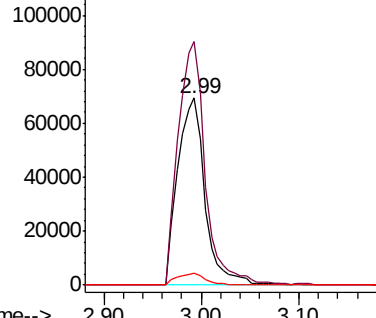
Lab File: BF109242.D

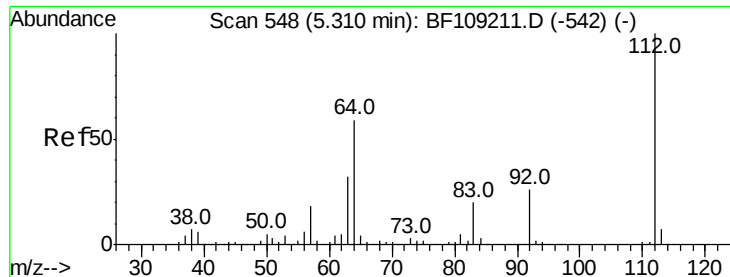
Acq: 23 Sep 2018 00:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 134673 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 130.0 | 104.9 | 157.3  |
| 44        | 6.2   | 6.9   | 10.3#  |



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.575 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

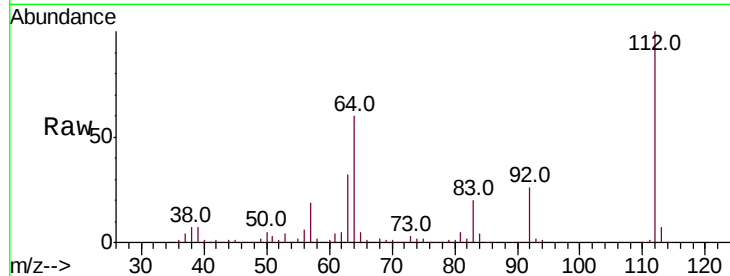
ClientSampleId :

SSTDCCC040EC

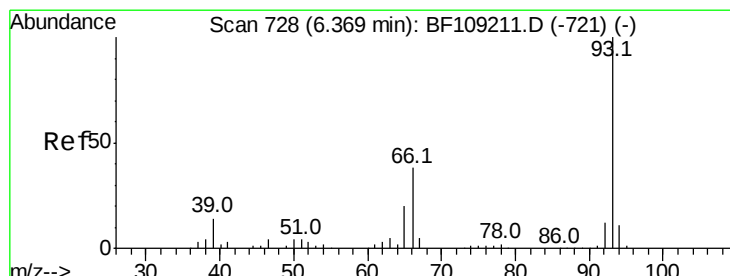
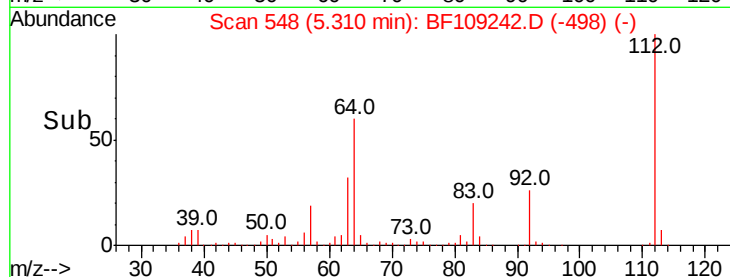
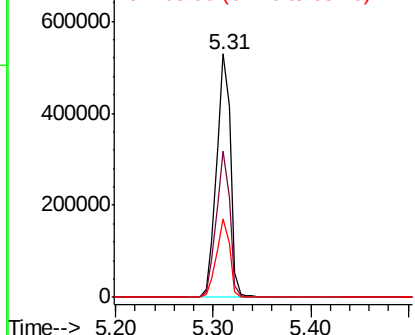
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 526119 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 60.0  | 47.9  | 71.9   |
| 63        | 32.1  | 23.7  | 35.5   |

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



#6

Aniline

Concen: 38.824 ng

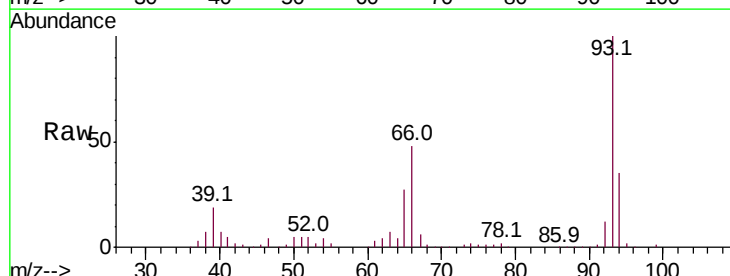
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

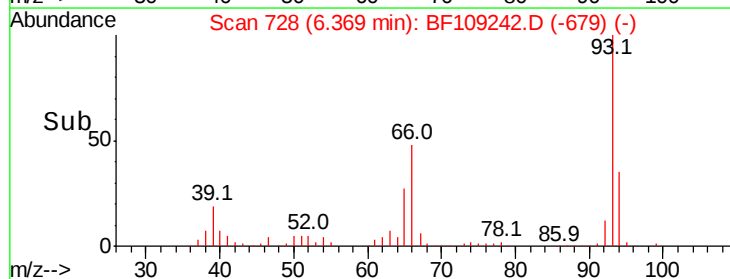
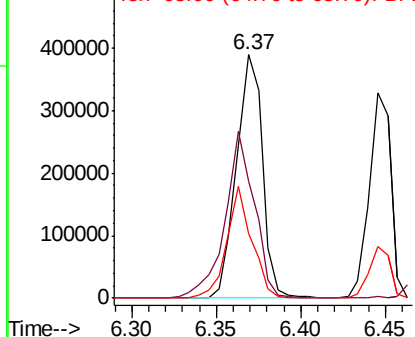
Lab File: BF109242.D

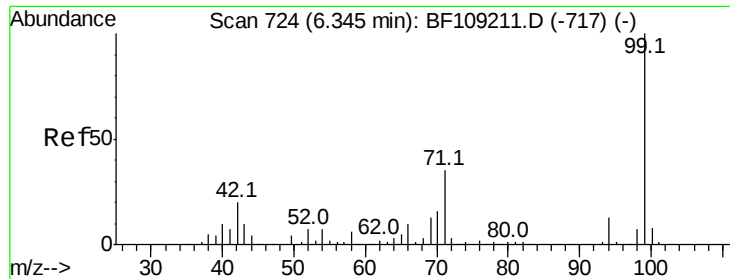
Acq: 23 Sep 2018 00:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 419066 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 48.0  | 32.2  | 48.2   |
| 65        | 26.6  | 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: 79.249 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

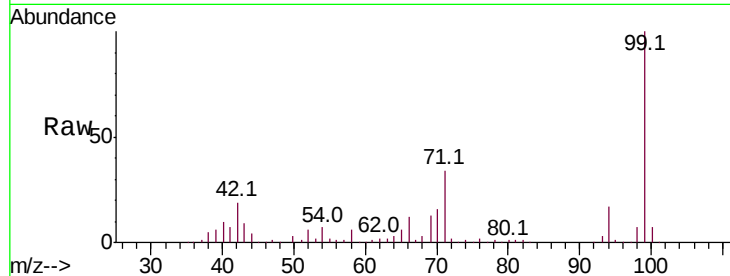
ClientSampleId :

SSTDCCC040EC

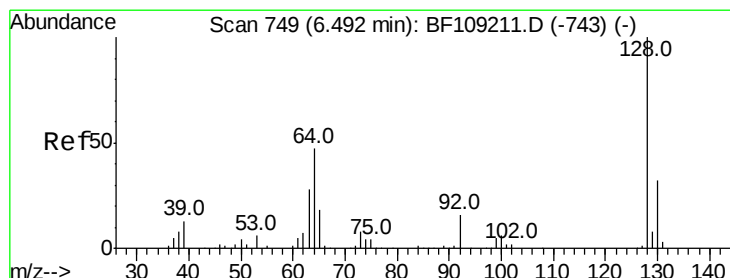
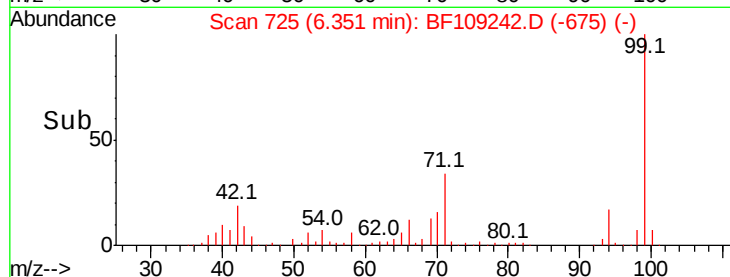
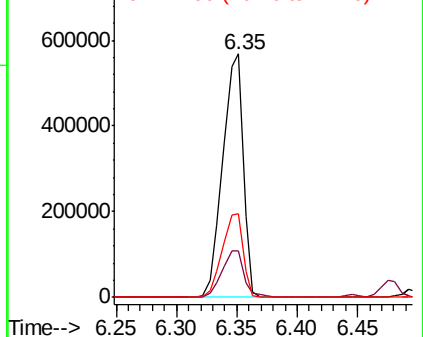
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 99      | 100   | 668598 |       |       |
| 42      | 19.3  |        | 14.5  | 21.7  |
| 71      | 34.4  |        | 25.4  | 38.0  |

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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.070 ng

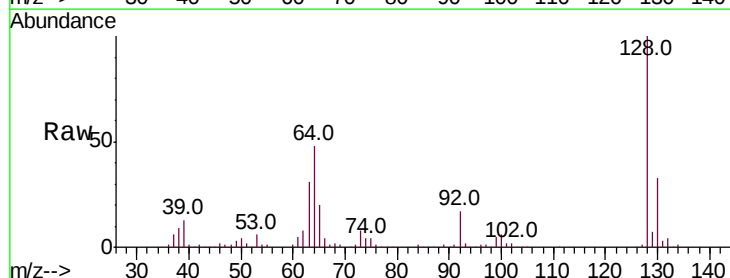
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

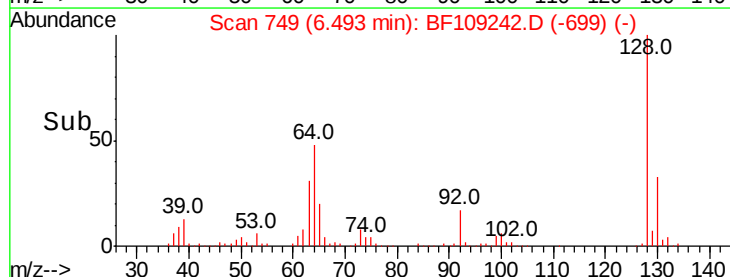
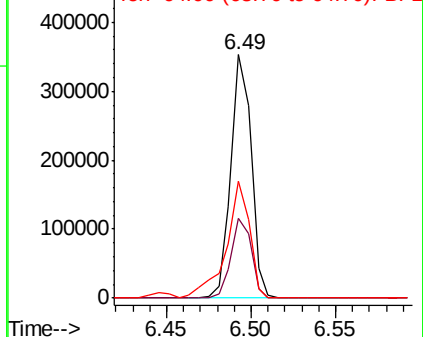
Lab File: BF109242.D

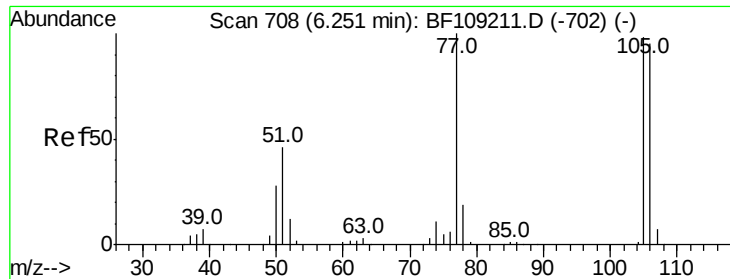
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 294608 |       |       |
| 130     | 32.6  |        | 13.0  | 53.0  |
| 64      | 48.2  |        | 29.4  | 69.4  |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.911 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

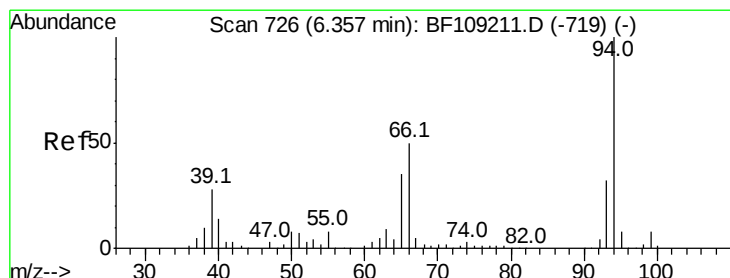
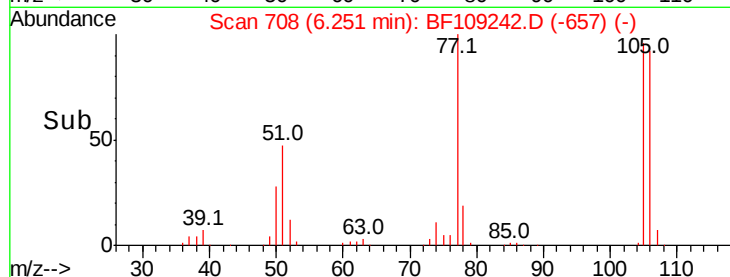
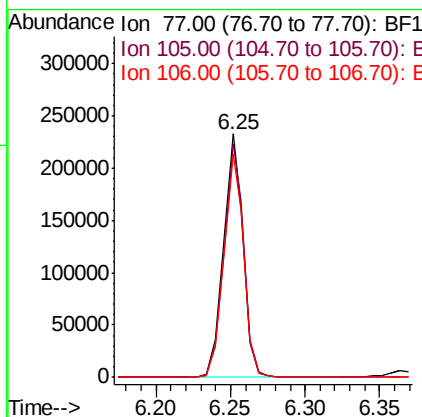
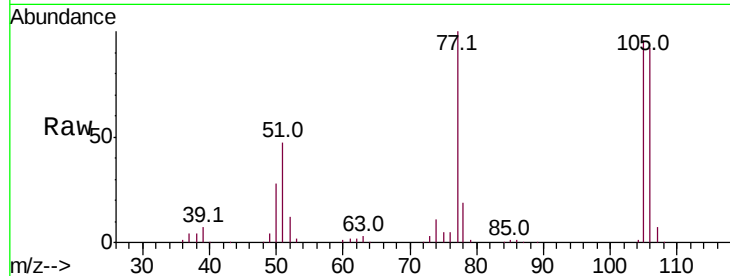
ClientSampleId :

SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 216310 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 96.1  | 81.1  | 121.1  |
| 106      | 91.8  | 74.5  | 114.5  |

Manual Integrations  
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Sohil  
9/24/2018 11:39:12 AM



#10

Phenol

Concen: 38.445 ng

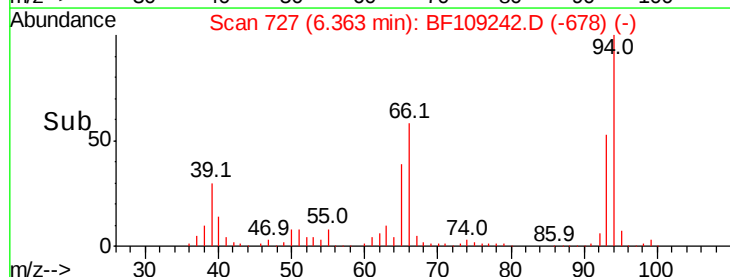
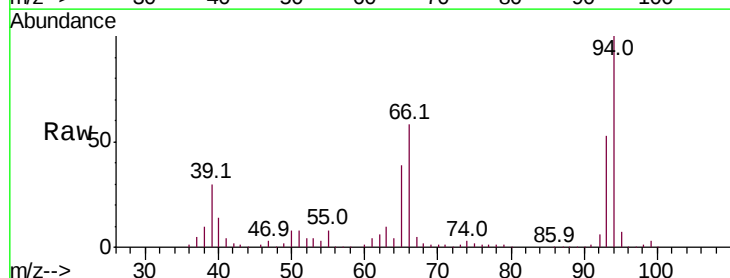
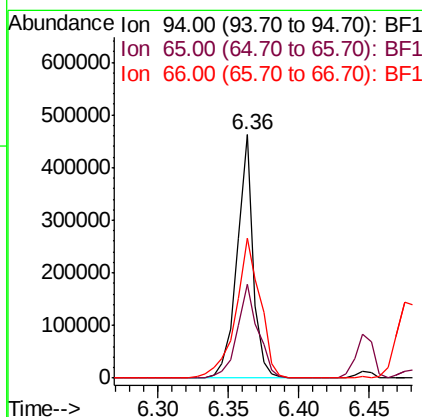
RT: 6.36 min Scan# 727

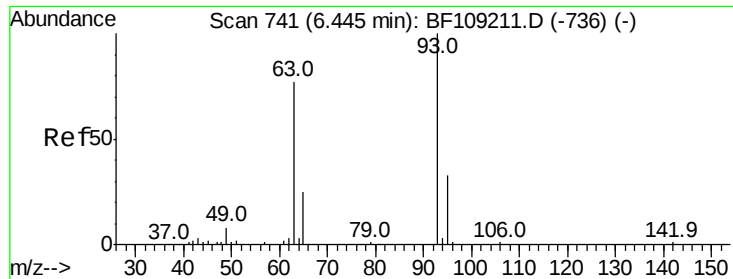
Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 367312 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 38.6  | 7.9   | 47.9   |
| 66       | 57.5  | 16.2  | 56.2#  |





#11

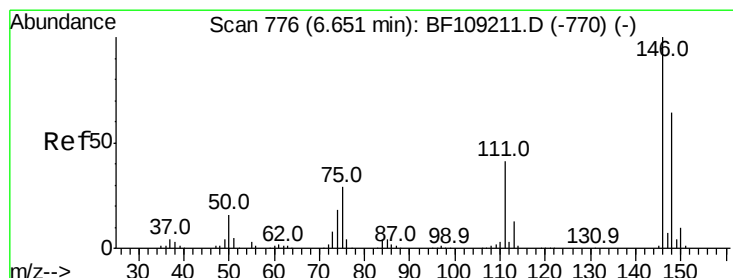
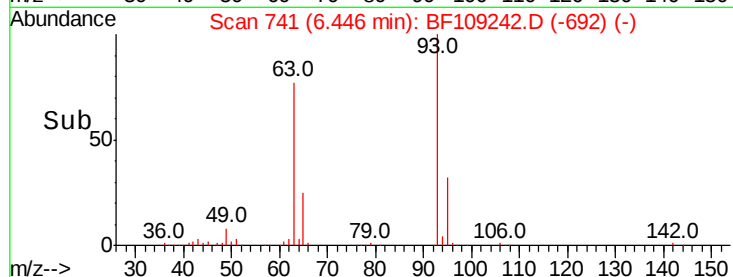
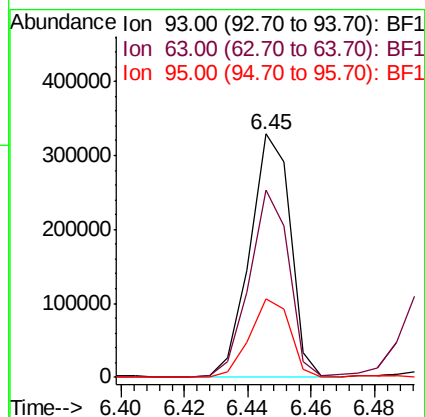
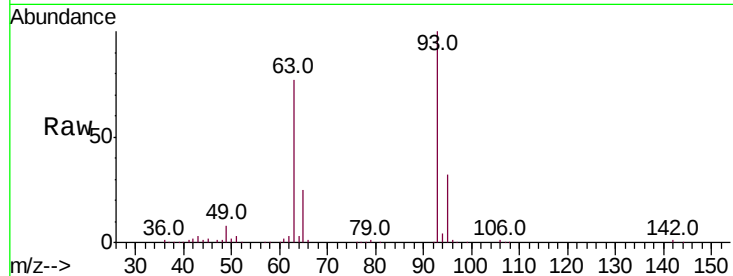
bis(2-Chloroethyl)ether  
Concen: 38.850 ng  
RT: 6.45 min Scan# 741  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion   | 93    | Resp  | 290449 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 76.9  | 58.6  | 98.6   |
| 95        | 32.5  | 11.8  | 51.8   |

Manual Integrations  
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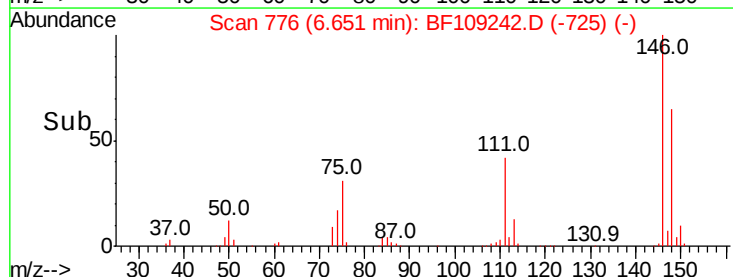
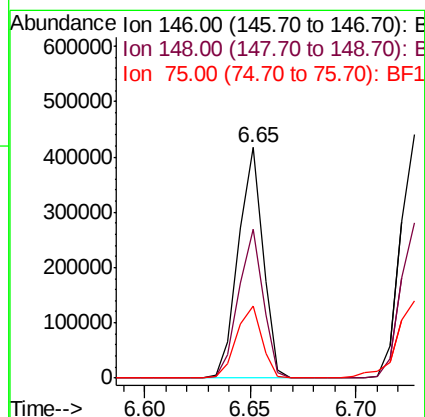
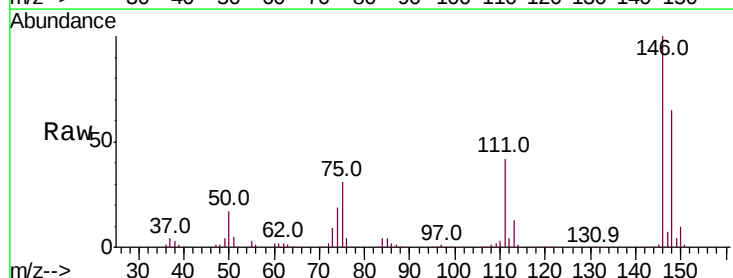
Sohil  
9/24/2018 11:39:12 AM

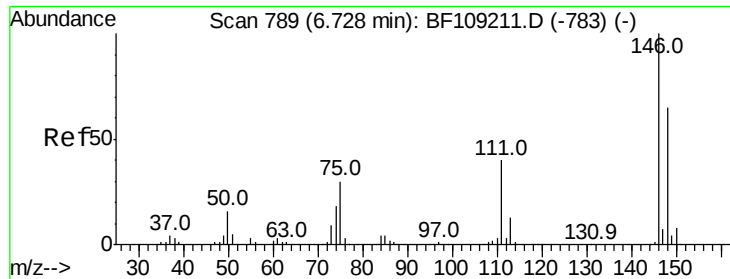


#12

1,3-Dichlorobenzene  
Concen: 39.541 ng  
RT: 6.65 min Scan# 776  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion   | 146   | Resp  | 334728 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.8  | 51.8  | 77.8   |
| 75        | 31.2  | 24.2  | 36.4   |





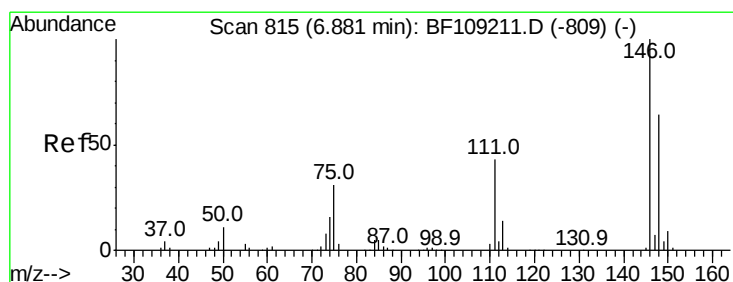
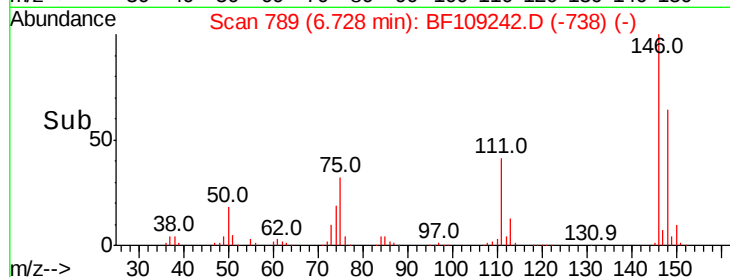
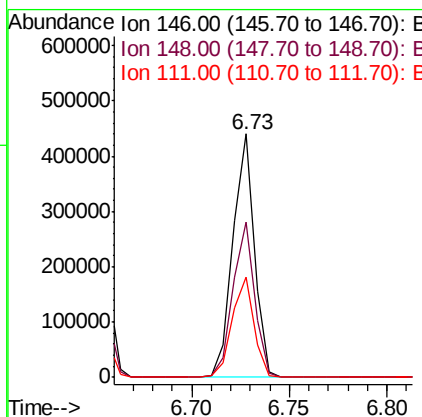
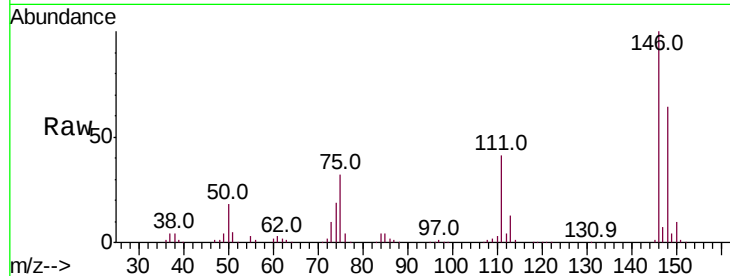
#13  
1,4-Dichlorobenzene  
Concen: 39.601 ng  
RT: 6.73 min Scan# 789  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 50.8  | 76.2  |
| 111     | 41.0  | 34.2  | 51.2  |

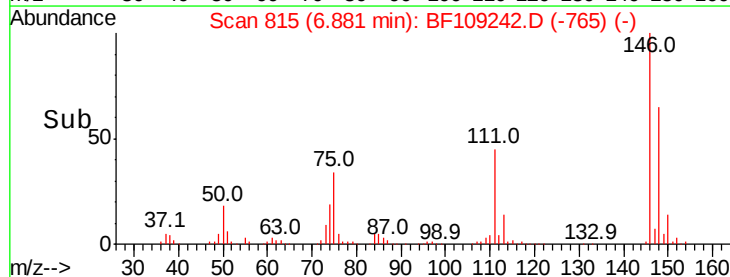
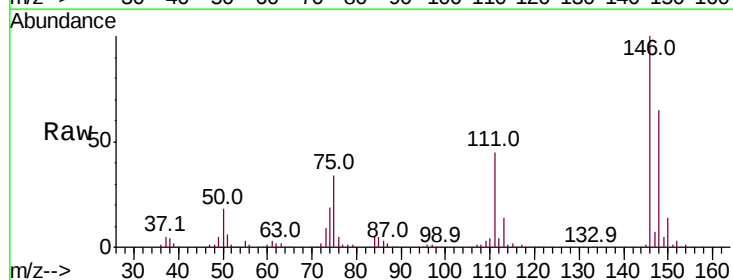
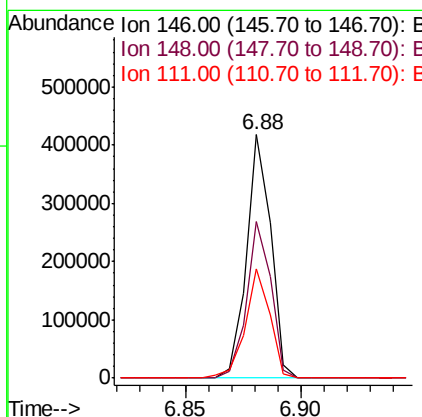
Manual Integrations  
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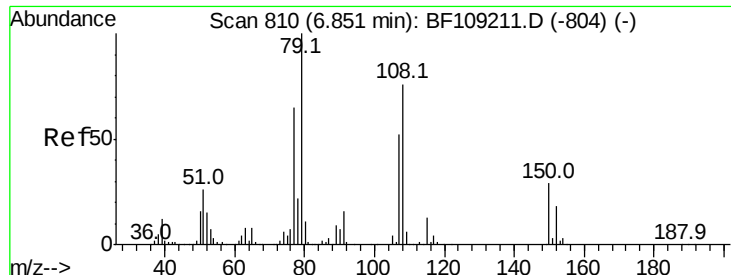
Sohil  
9/24/2018 11:39:12 AM



#14  
1,2-Dichlorobenzene  
Concen: 39.108 ng  
RT: 6.88 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 50.6  | 75.8  |
| 111     | 45.0  | 36.0  | 54.0  |





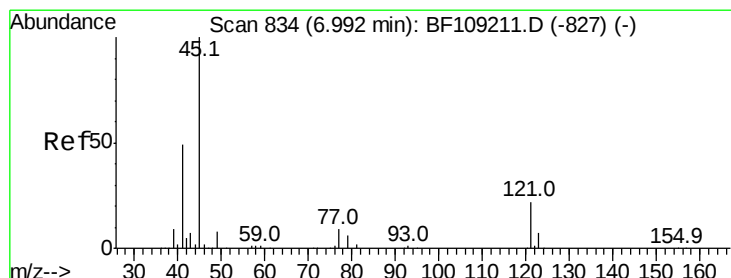
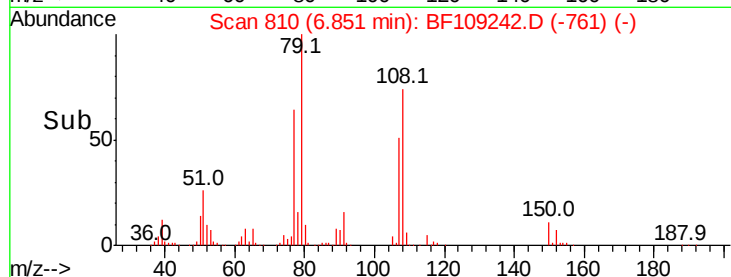
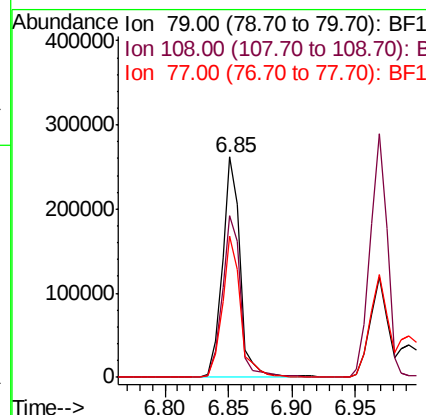
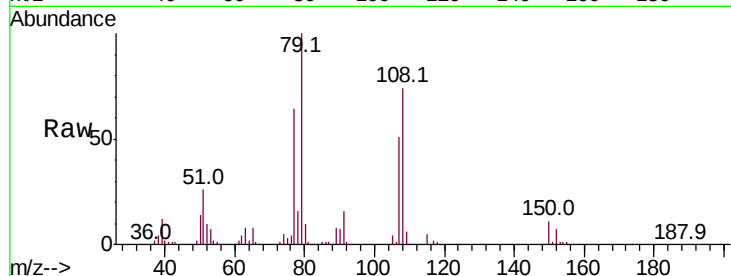
#15  
Benzyl Alcohol  
Concen: 40.115 ng  
RT: 6.85 min Scan# 810  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 73.6  | 65.1  | 97.7  |
| 77      | 64.1  | 50.6  | 75.8  |

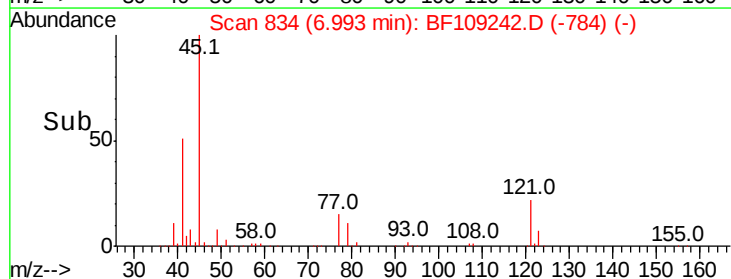
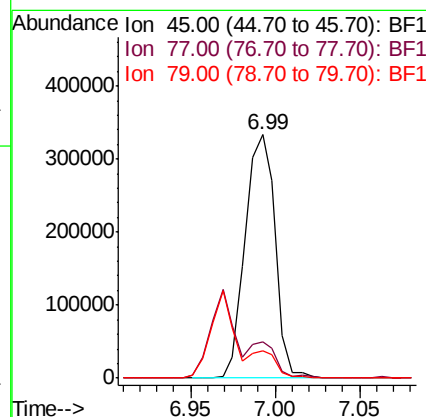
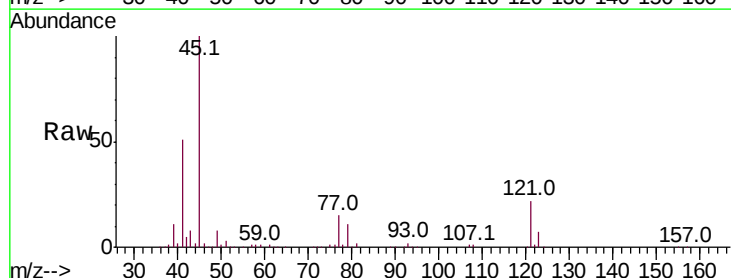
Manual Integrations  
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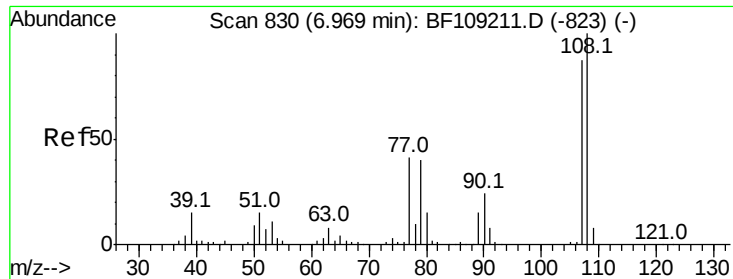
Sohil  
9/24/2018 11:39:12 AM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.756 ng  
RT: 6.99 min Scan# 834  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.8  | 0.0   | 32.9  |
| 79      | 11.5  | 0.0   | 29.6  |





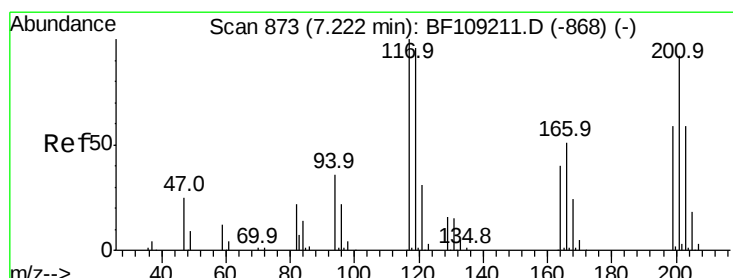
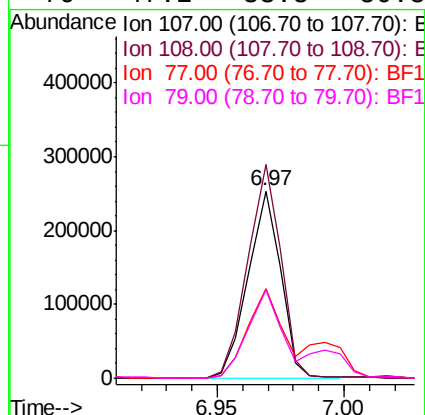
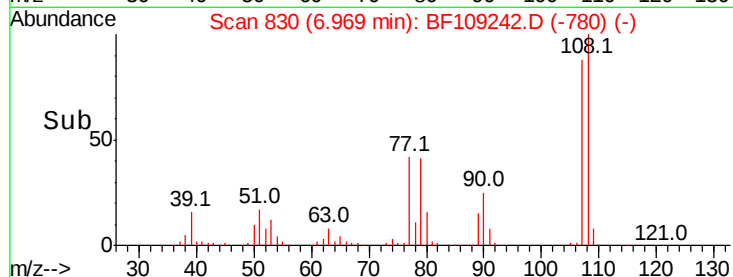
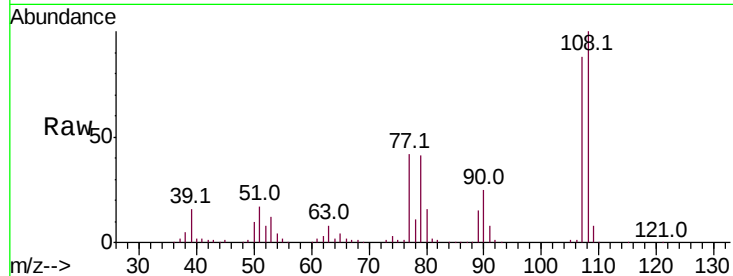
#17  
2-Methylphenol  
Concen: 38.451 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 228751 |       |       |
| 108     | 114.2 | 91.7   | 137.5 |       |
| 77      | 48.1  | 33.8   | 50.8  |       |
| 79      | 47.2  | 33.8   | 50.8  |       |

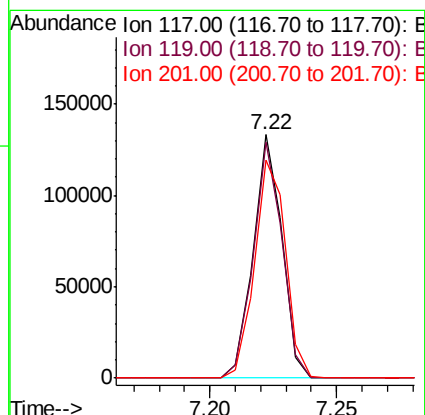
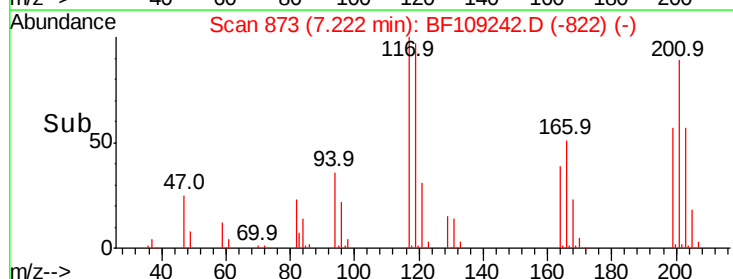
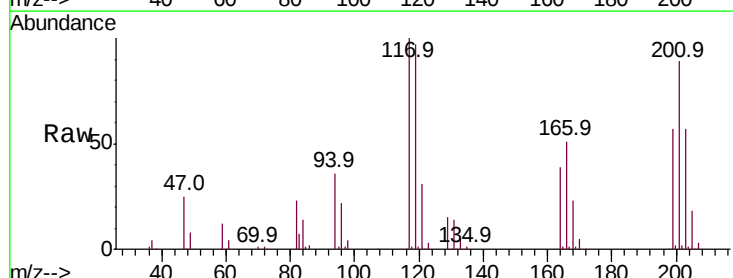
Manual Integrations  
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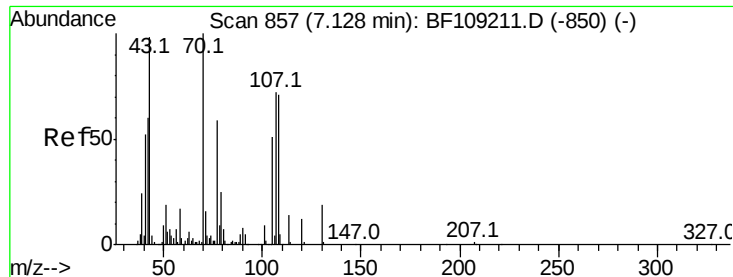
Sohil  
9/24/2018 11:39:12 AM



#18  
Hexachloroethane  
Concen: 34.916 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 104910 |       |       |
| 119     | 96.8  | 75.8   | 113.8 |       |
| 201     | 89.5  | 75.7   | 113.5 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 39.057 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

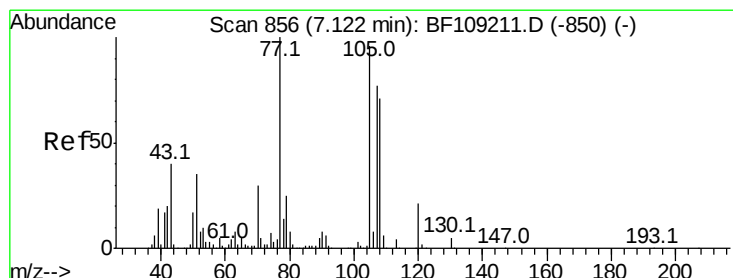
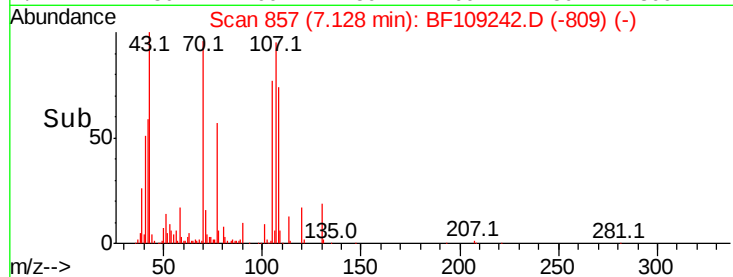
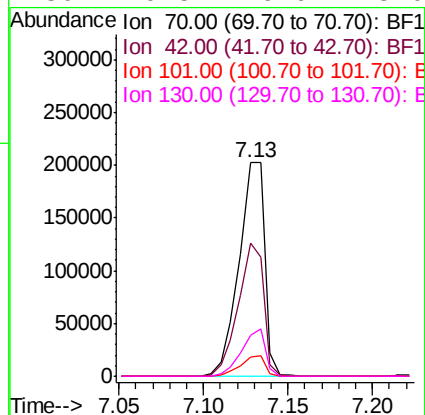
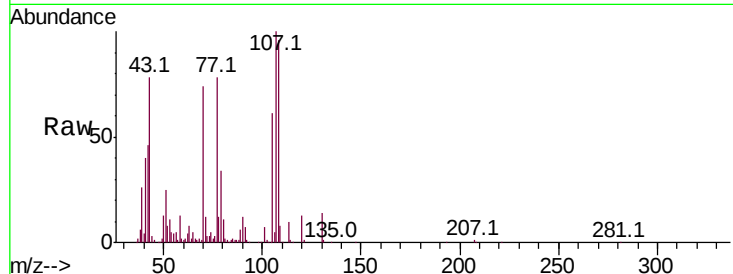
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 215915 |       |       |
| 42      | 62.2 | 47.5  | 71.3   |       |       |
| 101     | 9.1  | 7.4   | 11.2   |       |       |
| 130     | 19.5 | 16.6  | 25.0   |       |       |

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9/24/2018 11:39:12 AM



#20

3+4-Methylphenols

Concen: 39.289 ng

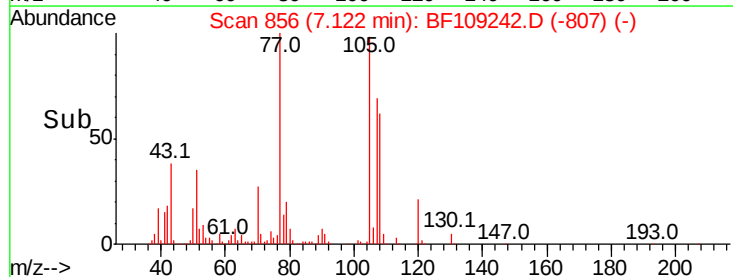
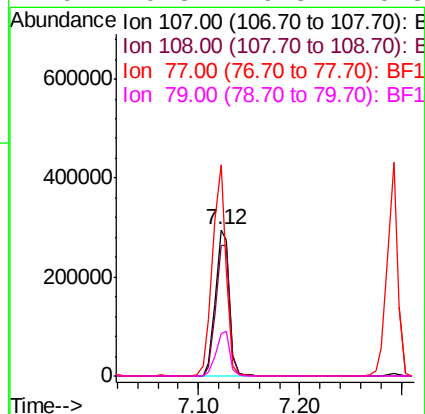
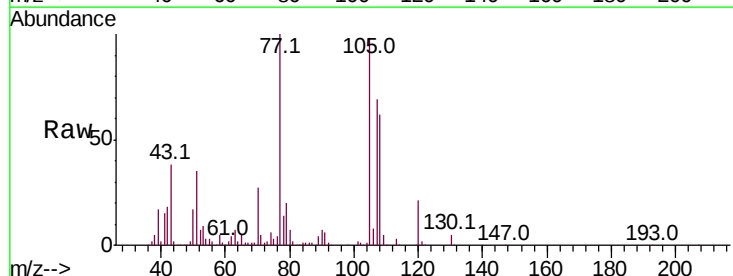
RT: 7.12 min Scan# 856

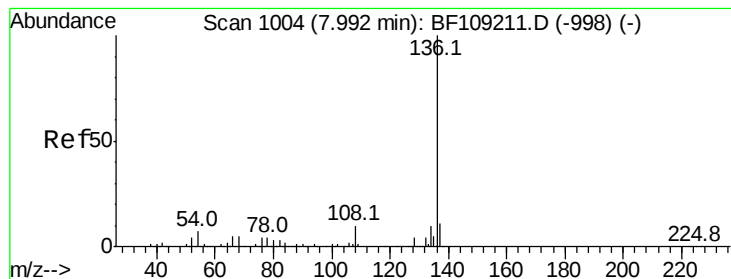
Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 107     | 100   |       | 282191 |       |       |
| 108     | 89.4  | 68.2  | 108.2  |       |       |
| 77      | 144.3 | 26.7  | 66.7#  |       |       |
| 79      | 29.3  | 6.3   | 46.3   |       |       |





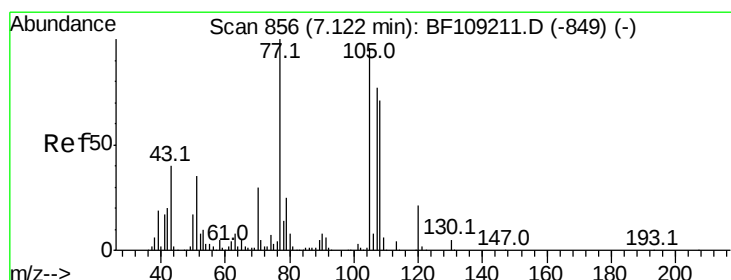
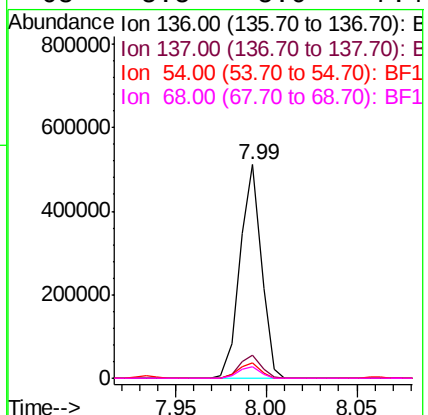
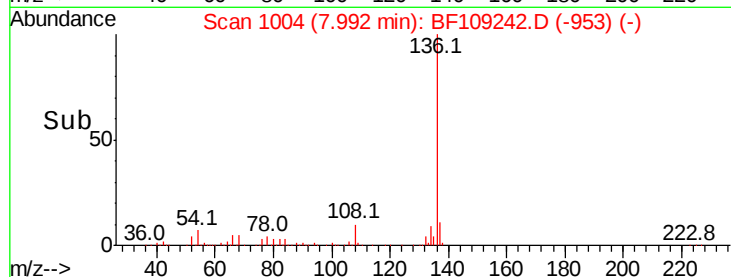
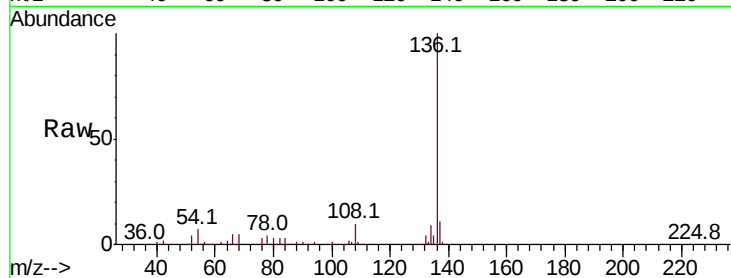
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.0  | 8.9  | 13.3  |       |
| 54      | 6.9   | 6.6  | 9.8   |       |
| 68      | 5.5   | 5.0  | 7.4   |       |

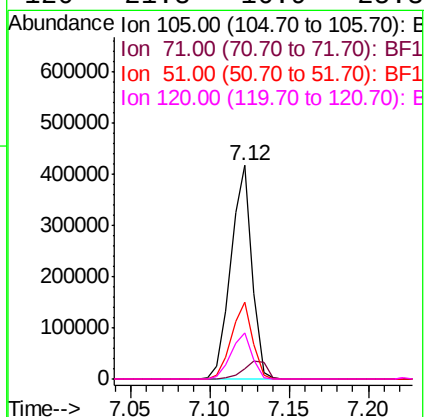
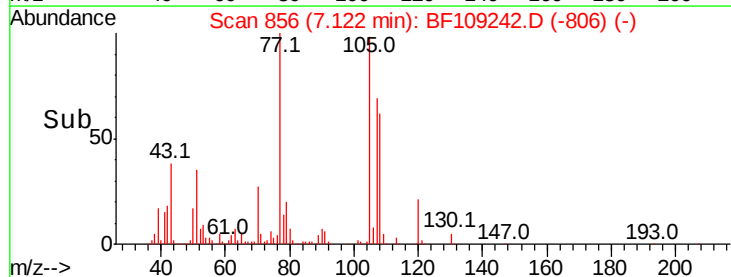
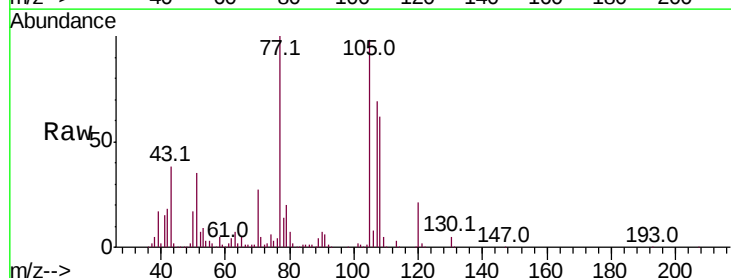
Manual Integrations  
APPROVED

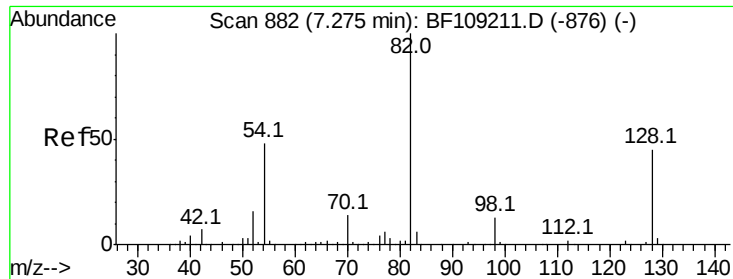
Sohil  
9/24/2018 11:39:12 AM



#22  
Acetophenone  
Concen: 39.678 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 4.6   | 4.4  | 6.6   |       |
| 51      | 36.2  | 22.3 | 33.5  |       |
| 120     | 21.8  | 16.9 | 25.3  |       |





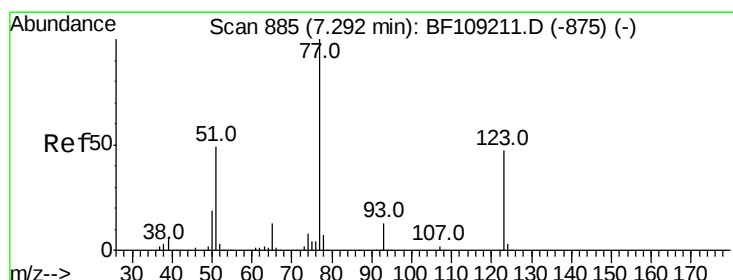
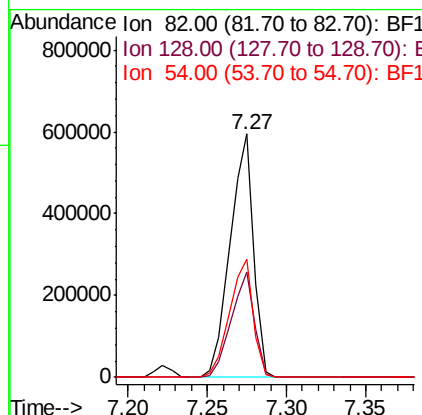
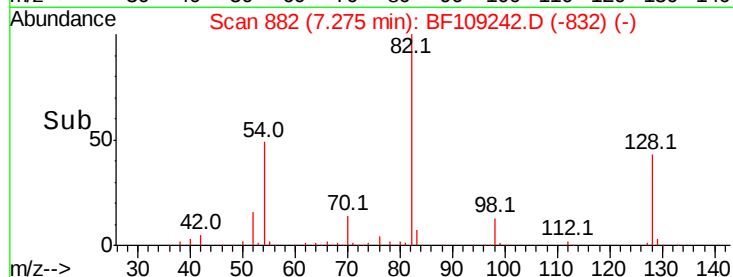
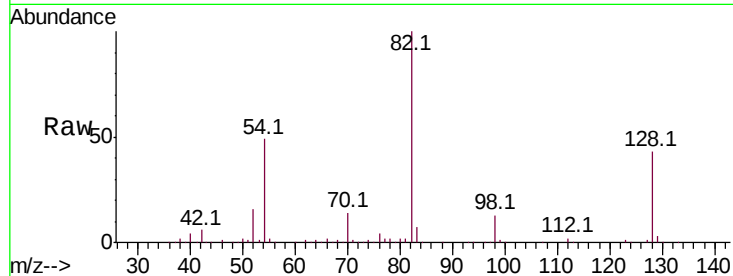
#23  
Nitrobenzene-d5  
Concen: 85.705 ng  
RT: 7.27 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.4  | 36.1  | 54.1  |
| 54      | 48.8  | 41.4  | 62.2  |

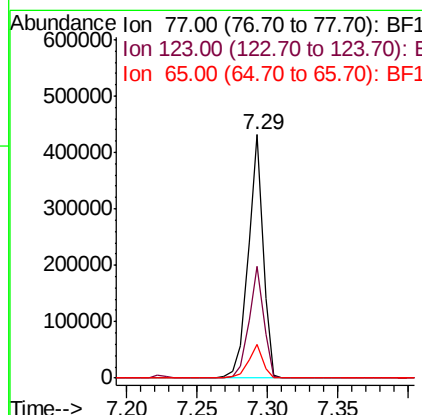
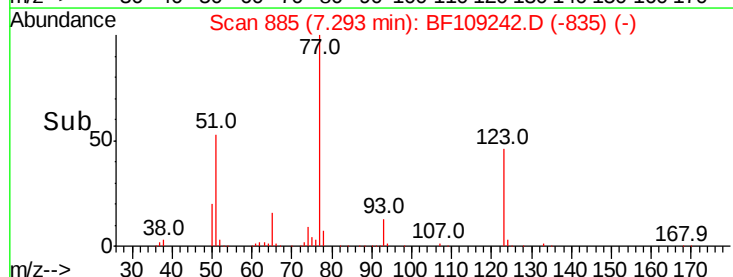
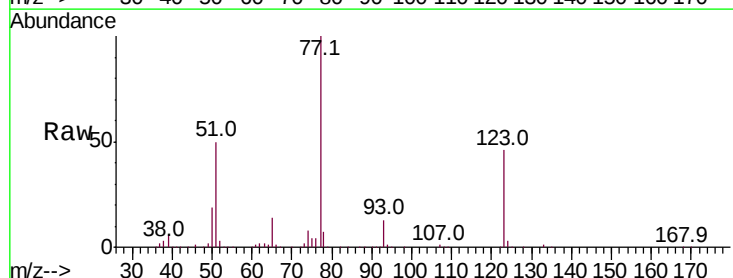
Manual Integrations  
APPROVED

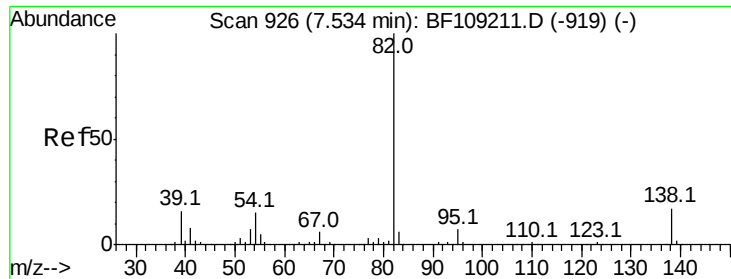
Sohil  
9/24/2018 11:39:12 AM



#24  
Nitrobenzene  
Concen: 41.808 ng  
RT: 7.29 min Scan# 885  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.0  | 37.9  | 56.9  |
| 65      | 14.0  | 11.0  | 16.4  |





#25

Isophorone

Concen: 39.668 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

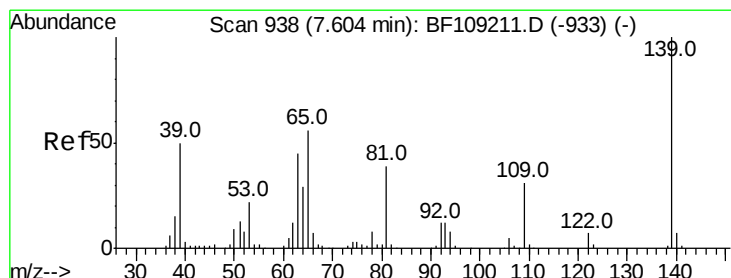
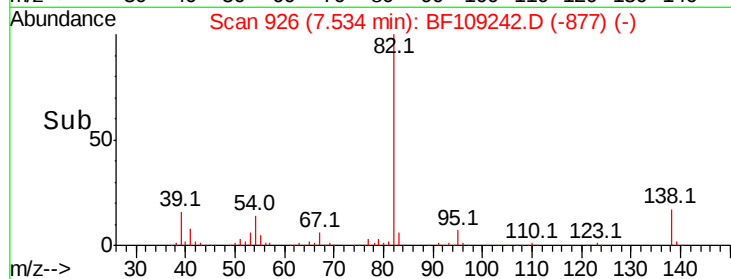
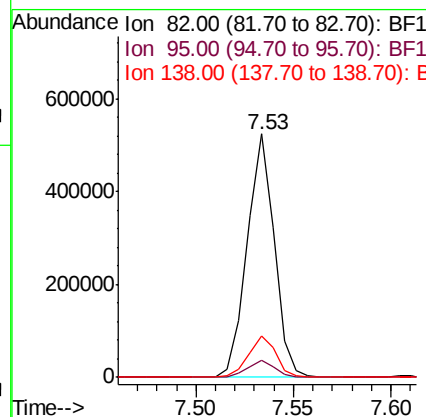
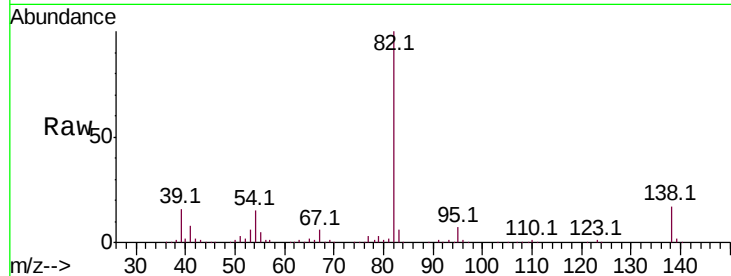
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 506542 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.0   | 5.2   | 7.8    |
| 138       | 16.9  | 14.9  | 22.3   |

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#26

2-Nitrophenol

Concen: 43.457 ng

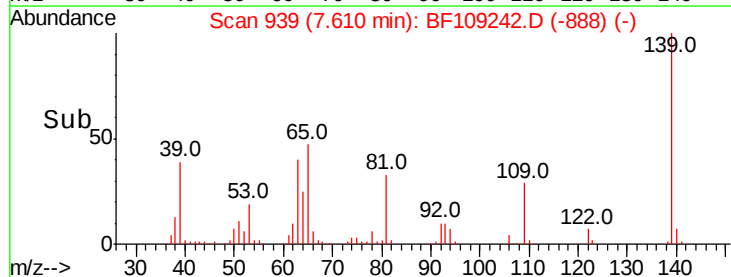
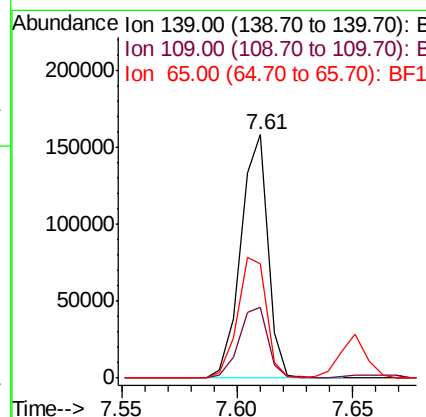
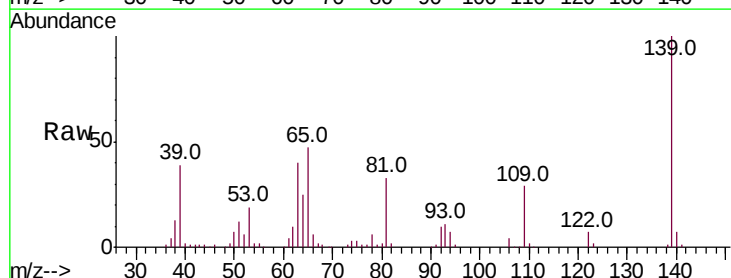
RT: 7.61 min Scan# 939

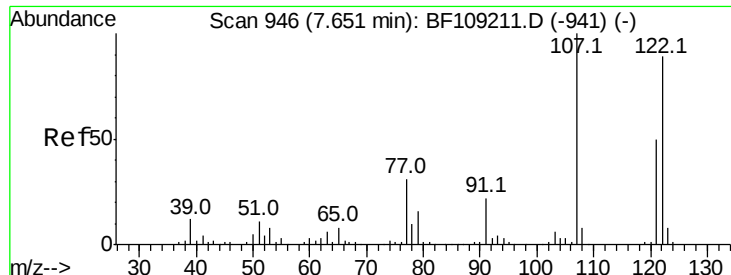
Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 129581 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 29.2  | 22.7  | 34.1   |
| 65        | 47.1  | 40.5  | 60.7   |





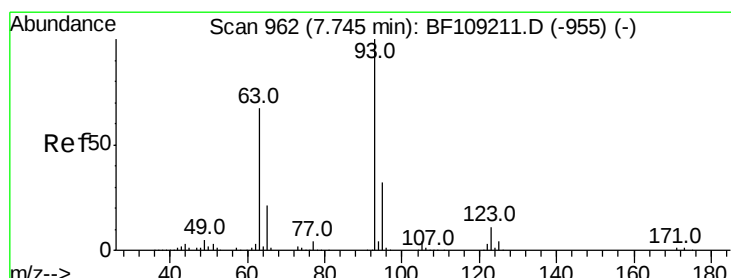
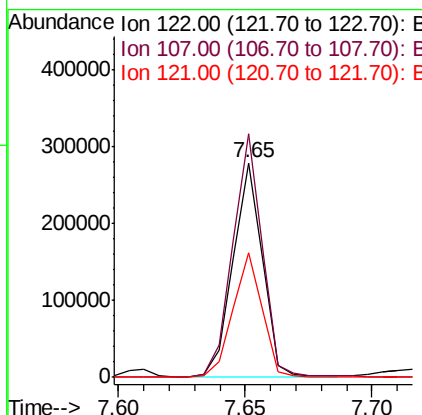
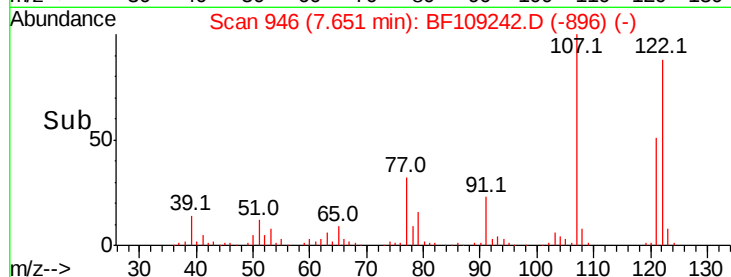
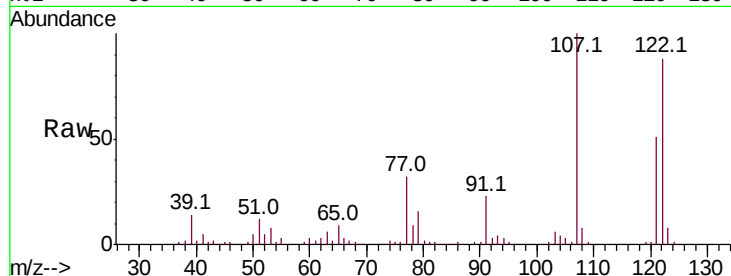
#27  
 2,4-Dimethylphenol  
 Concen: 40.645 ng  
 RT: 7.65 min Scan# 946  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 226154 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 113.4 | 91.2  | 136.8  |
| 121       | 57.8  | 47.2  | 70.8   |

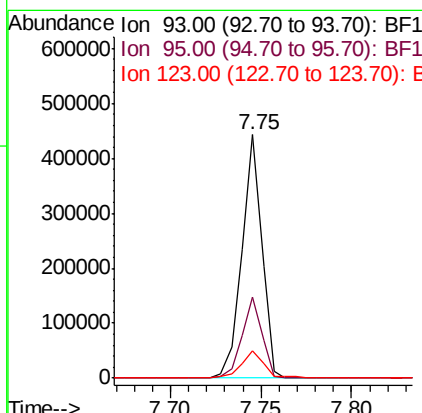
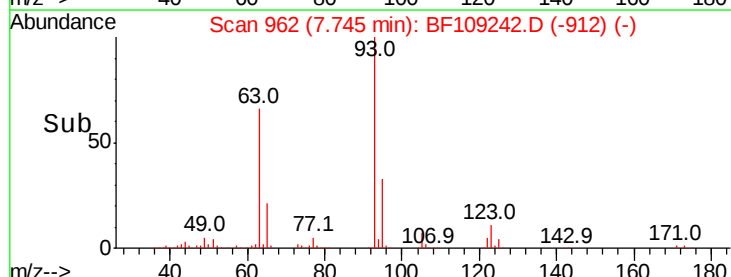
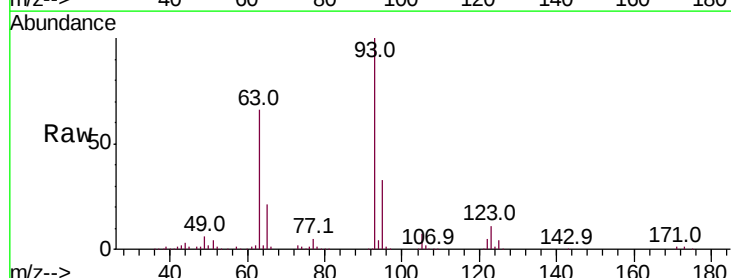
Manual Integrations  
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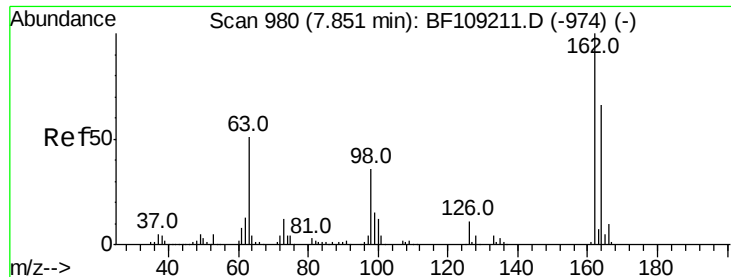
Sohil  
 9/24/2018 11:39:12 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.161 ng  
 RT: 7.75 min Scan# 962  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 339480 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.4  | 26.3  | 39.5   |
| 123       | 11.4  | 9.8   | 14.6   |





#29

2,4-Dichlorophenol

Concen: 40.696 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

ClientSampleId :

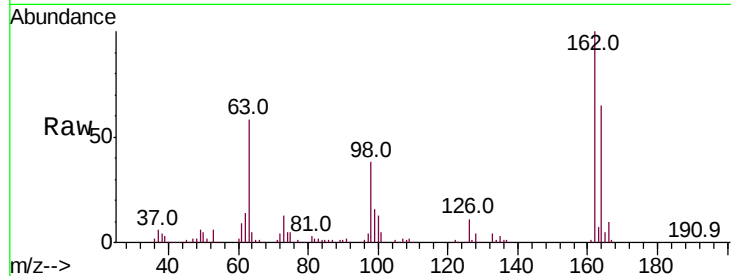
SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 237907 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.4  | 42.7  | 82.7   |
| 98        | 38.4  | 18.1  | 58.1   |

Manual Integrations  
APPROVED

Sohil

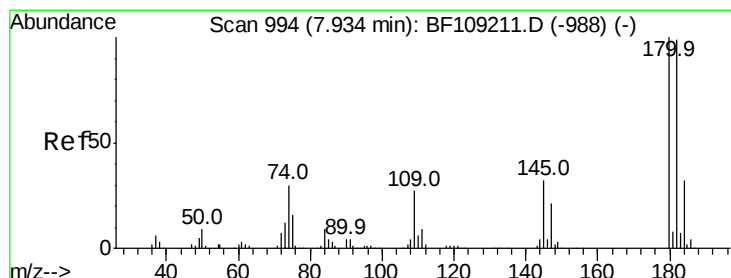
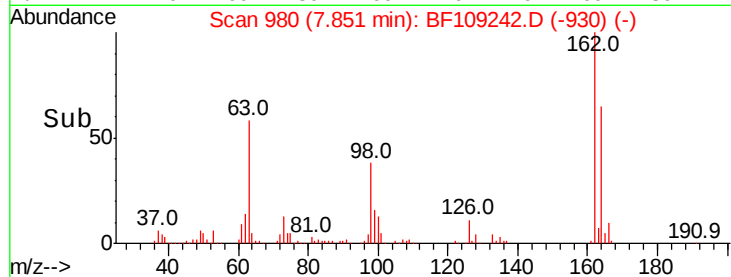
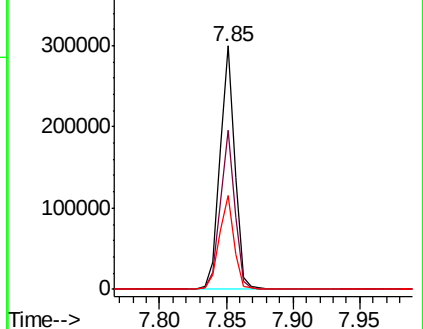
9/24/2018 11:39:12 AM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.410 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF109242.D

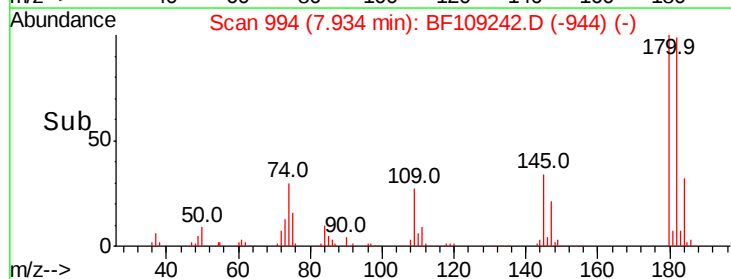
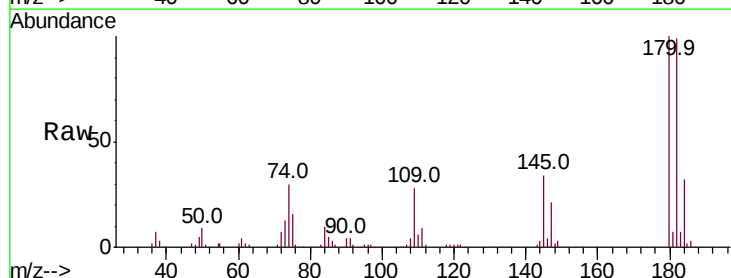
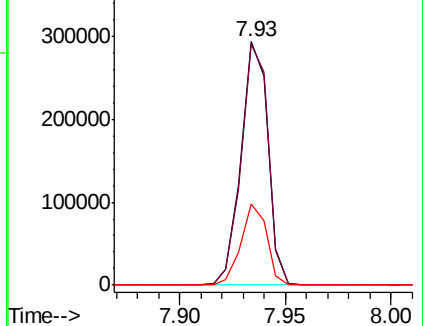
Acq: 23 Sep 2018 00:37

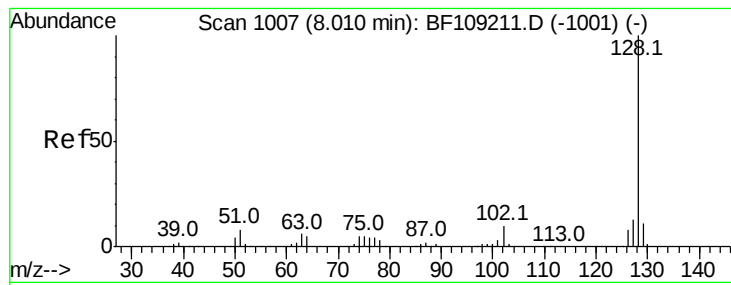
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 257441 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 99.2  | 76.8  | 115.2  |
| 145       | 33.5  | 26.5  | 39.7   |

Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





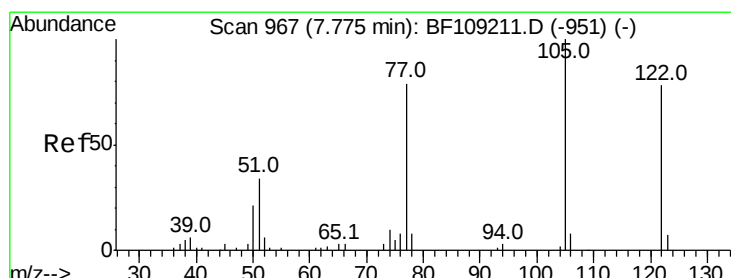
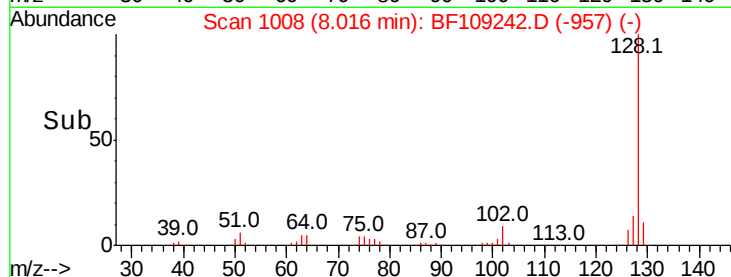
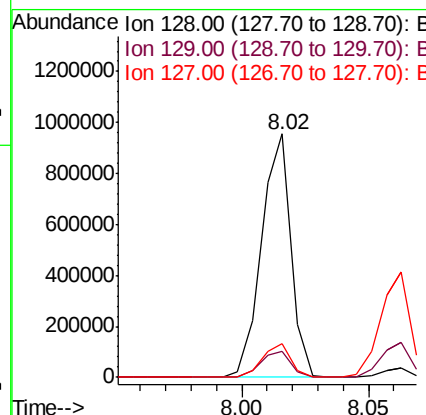
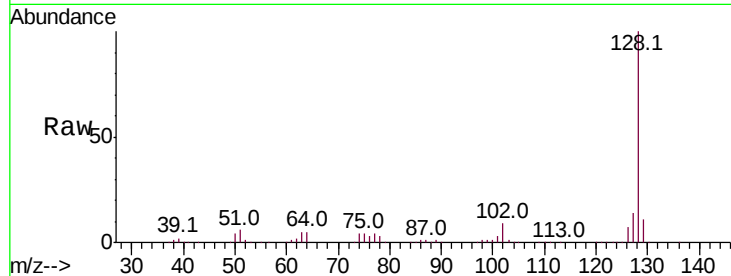
#31  
Naphthalene  
Concen: 39.428 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | 128   | Resp  | 771270 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 128     | 100   |       |        |
| 129     | 10.9  | 8.8   | 13.2   |
| 127     | 13.6  | 10.9  | 16.3   |

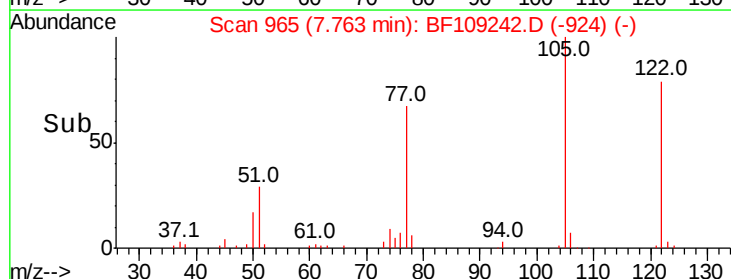
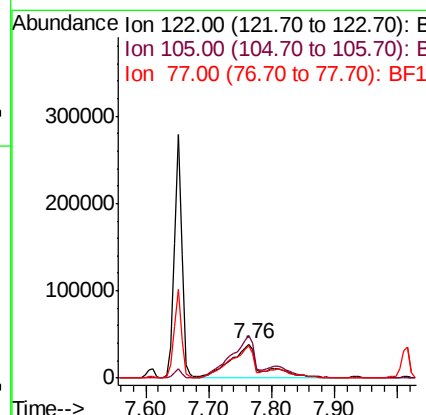
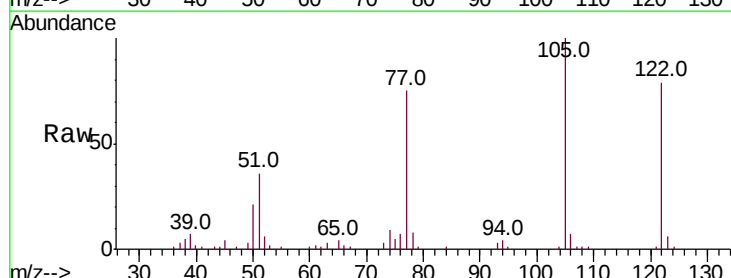
Manual Integrations  
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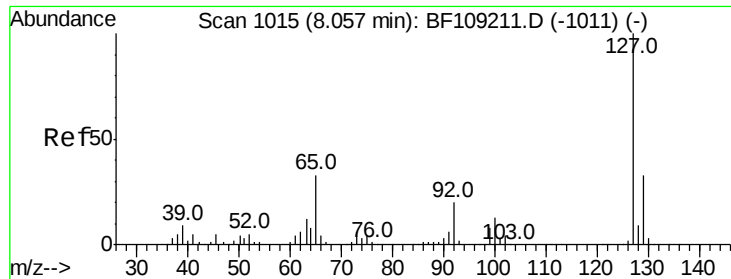
Sohil  
9/24/2018 11:39:12 AM



#32  
Benzoic acid  
Concen: 35.573 ng m  
RT: 7.76 min Scan# 965  
Delta R.T. -0.06 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | 122   | Resp  | 126751 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 122     | 100   |       |        |
| 105     | 126.8 | 101.1 | 141.1  |
| 77      | 94.8  | 70.7  | 110.7  |





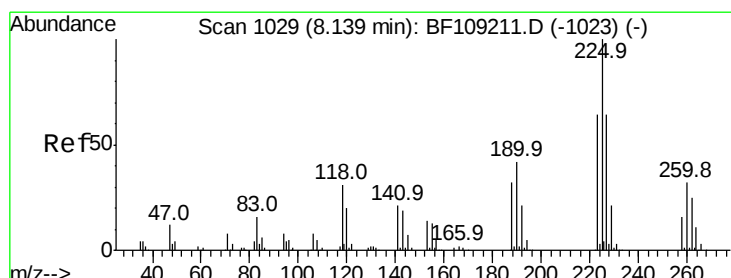
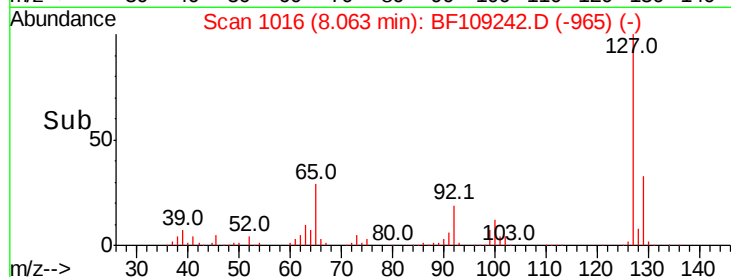
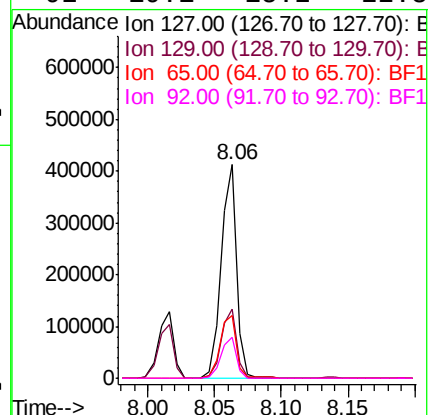
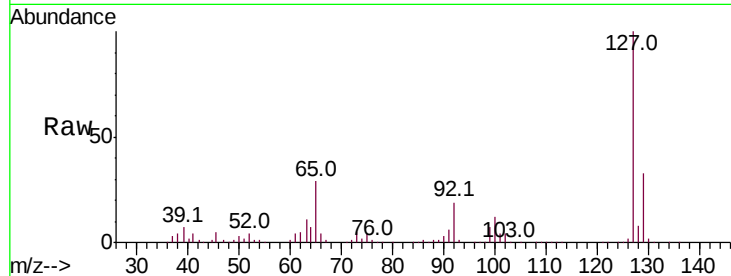
#33  
4-Chloroaniline  
Concen: 39.524 ng  
RT: 8.06 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.7  | 25.9  | 38.9  |
| 65      | 29.3  | 25.0  | 37.4  |
| 92      | 19.1  | 15.2  | 22.8  |

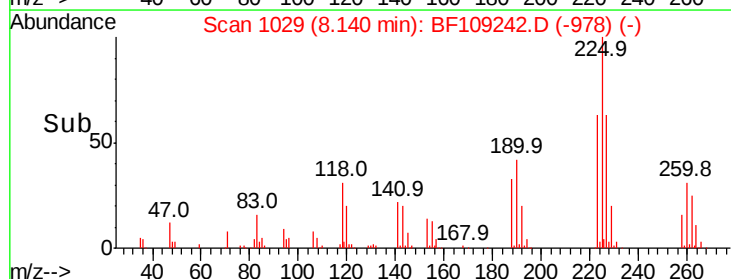
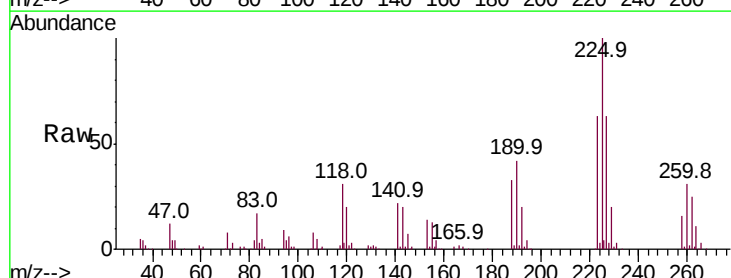
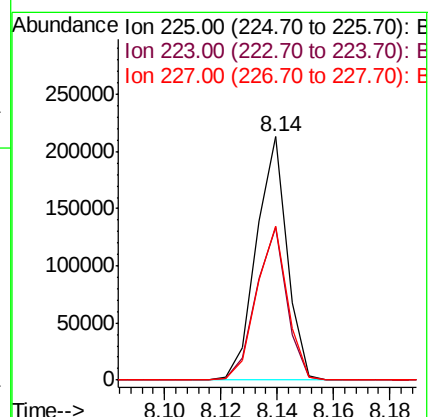
Manual Integrations  
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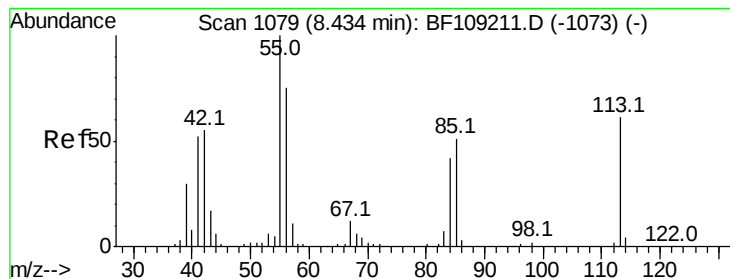
Sohil  
9/24/2018 11:39:12 AM



#34  
Hexachlorobutadiene  
Concen: 40.751 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.9  | 50.6  | 76.0  |
| 227     | 63.4  | 51.9  | 77.9  |





#35

Caprolactam

Concen: 40.033 ng

RT: 8.43 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 74719

Ion Ratio Lower Upper

113 100

55 165.8 163.3 203.3

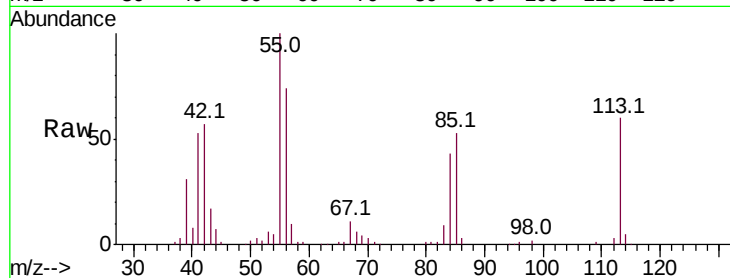
56 123.1 115.7 155.7

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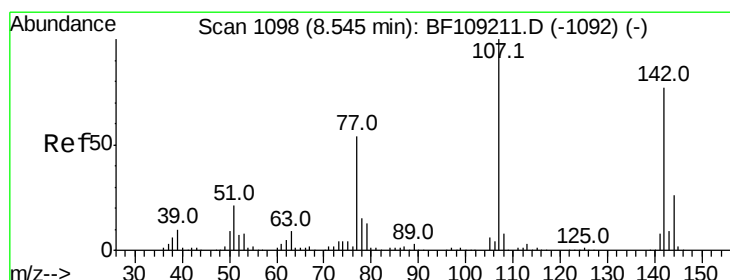
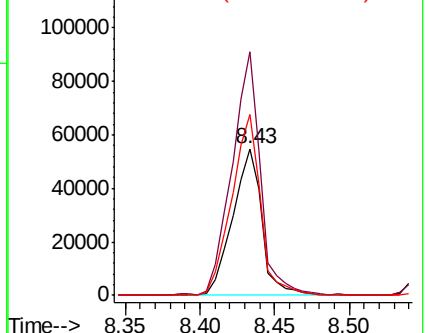
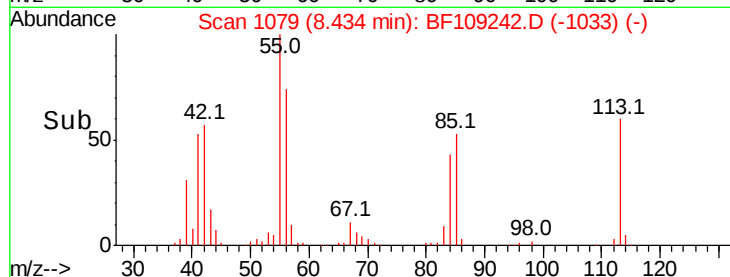
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.674 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

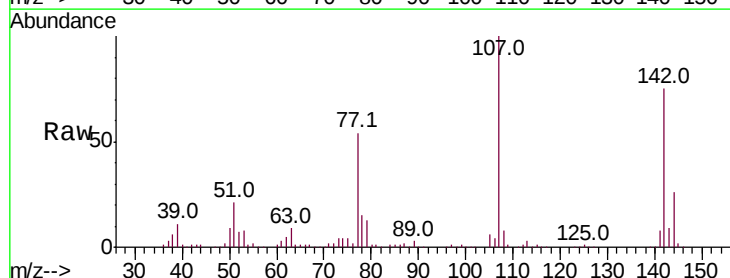
Tgt Ion:107 Resp: 244057

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

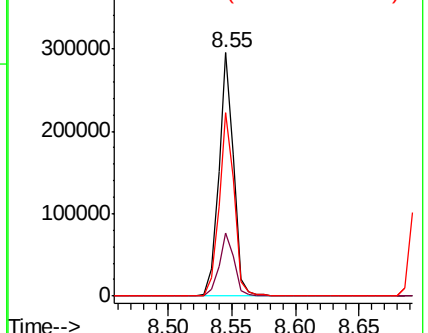
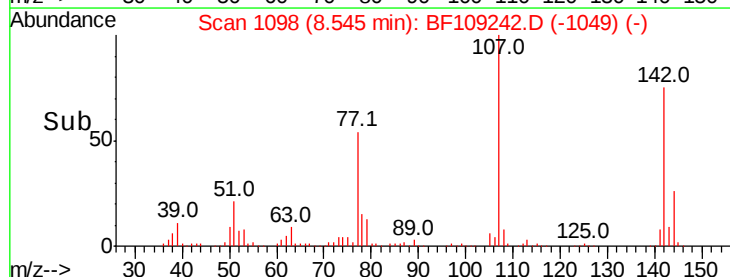
142 75.3 62.0 93.0

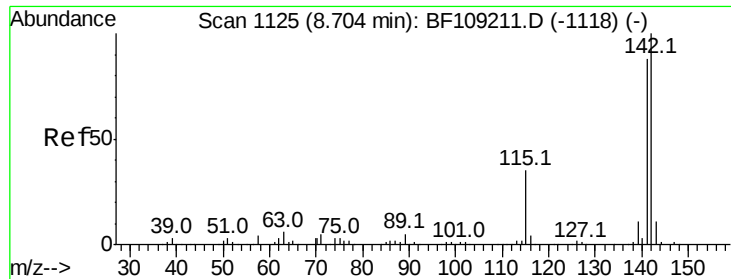


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





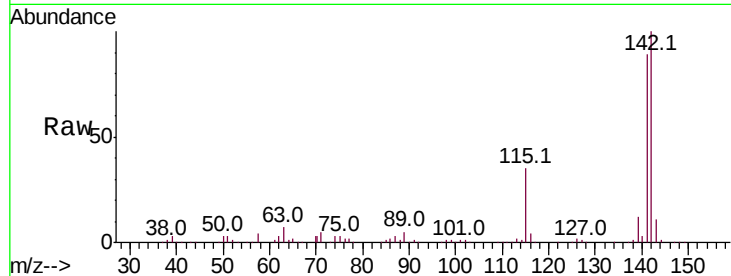
#37  
2-Methylnaphthalene  
Concen: 39.016 ng  
RT: 8.70 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.5  | 70.8  | 106.2 |
| 115     | 35.3  | 26.1  | 39.1  |

Manual Integrations  
APPROVED

Sohil  
9/24/2018 11:39:12 AM

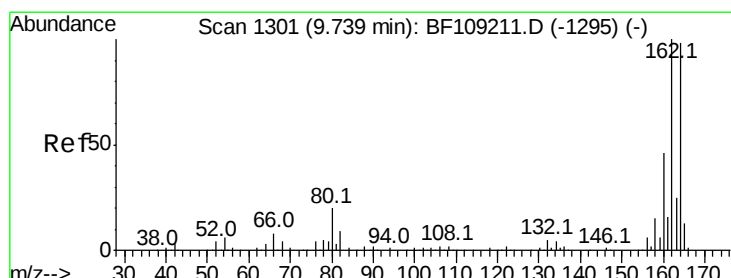
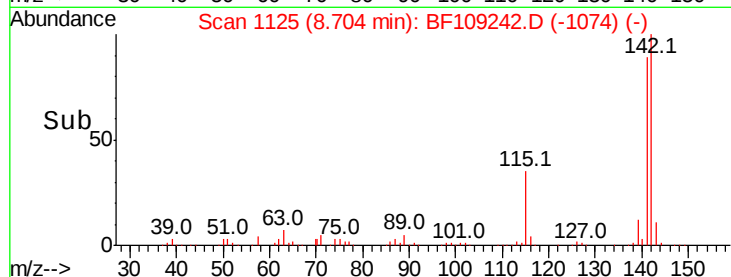
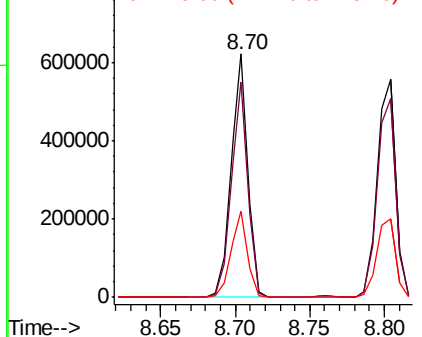


Abundance

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: BF109242.D  
Acq: 23 Sep 2018 00:37

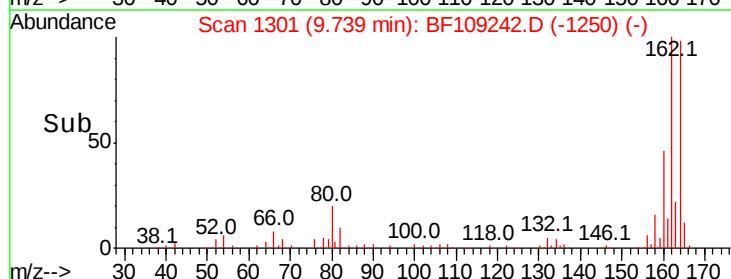
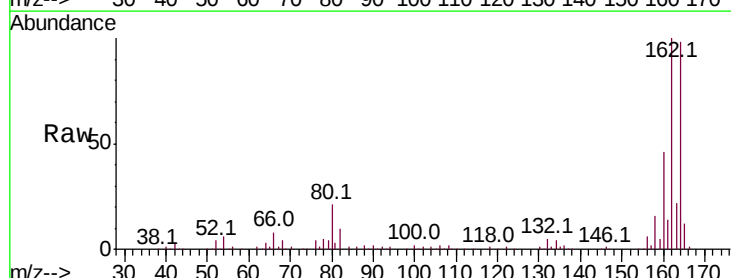
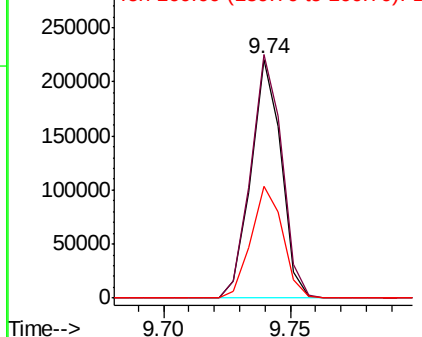
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.9 | 86.1  | 129.1 |
| 160     | 46.7  | 38.3  | 57.5  |

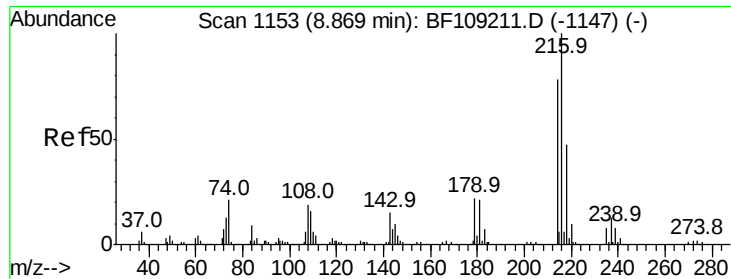
Abundance

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





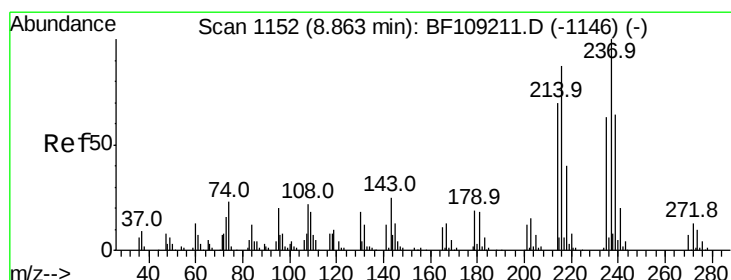
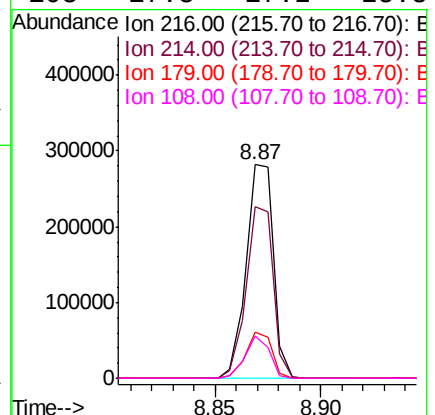
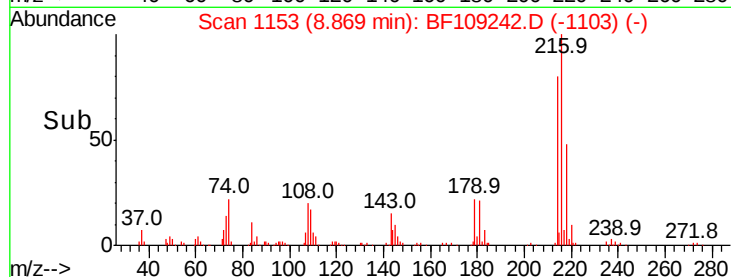
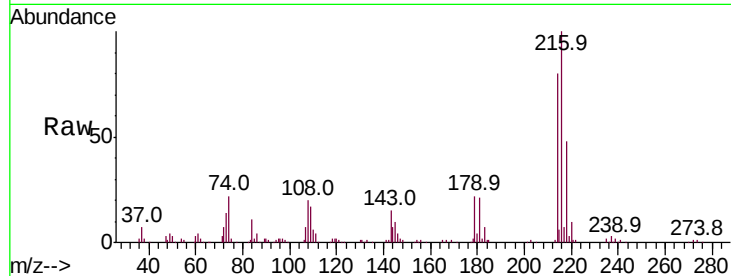
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.106 ng  
 RT: 8.87 min Scan# 1153  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 251874 |       |       |
| 214     | 79.3  | 63.0   | 94.4  |       |
| 179     | 20.8  | 18.1   | 27.1  |       |
| 108     | 17.8  | 17.2   | 25.8  |       |

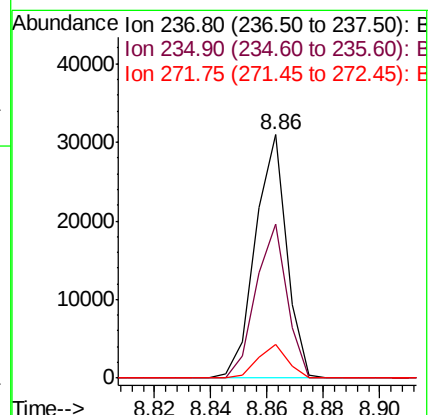
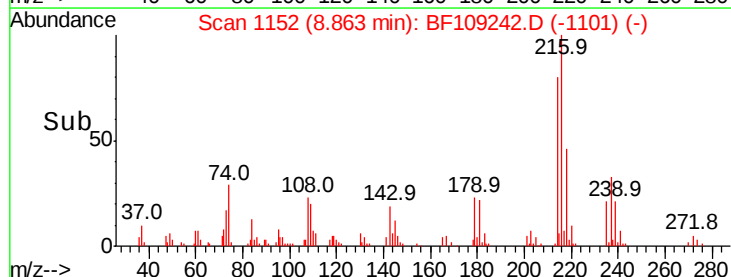
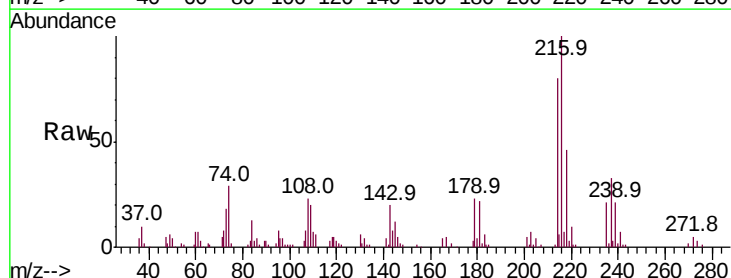
Manual Integrations  
 APPROVED

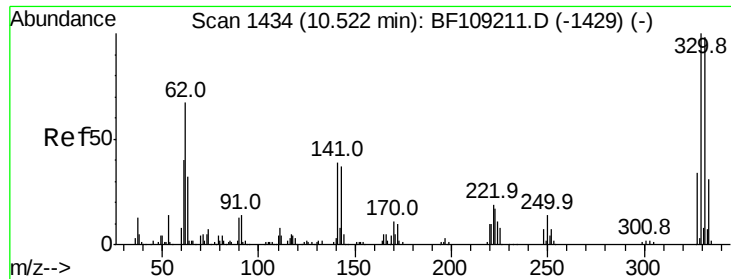
Sohil  
 9/24/2018 11:39:12 AM



#40  
 Hexachlorocyclopentadiene  
 Concen: 9.353 ng  
 RT: 8.86 min Scan# 1152  
 Delta R.T. 0.00 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 23837 |       |       |
| 235     | 63.3  | 44.8  | 84.8  |       |
| 272     | 14.0  | 0.0   | 33.3  |       |





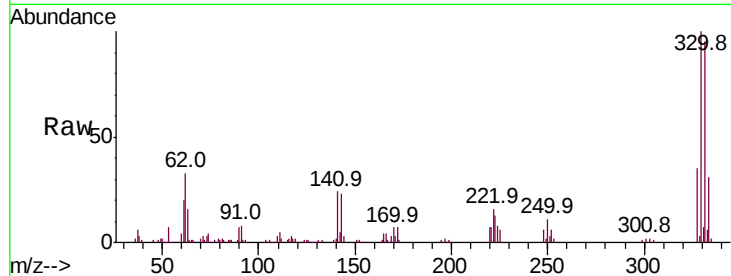
#41  
 2,4,6-Tribromophenol  
 Concen: 73.266 ng  
 RT: 10.53 min Scan# 1435  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

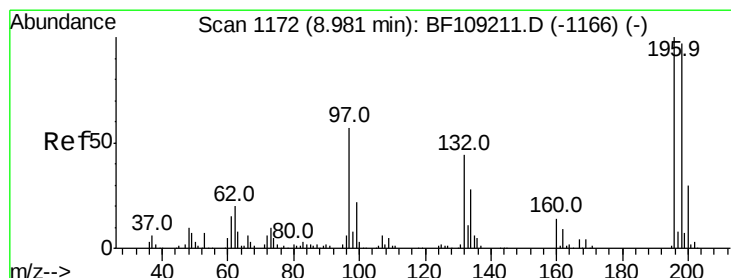
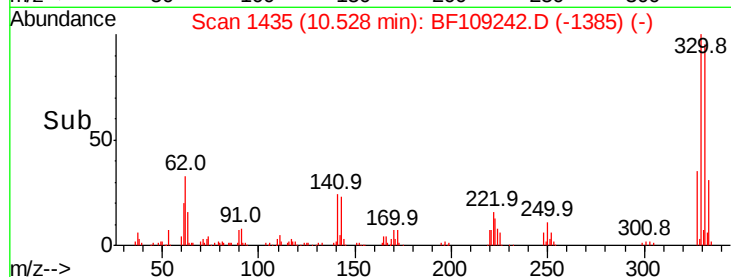
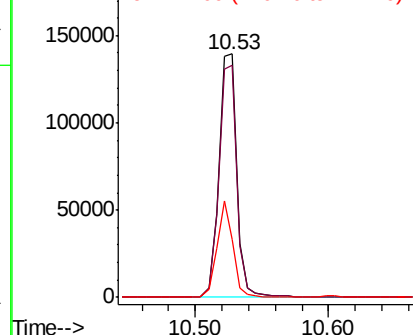
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.8  | 77.0 | 115.6 |       |
| 141     | 34.5  | 29.9 | 44.9  |       |

Manual Integrations  
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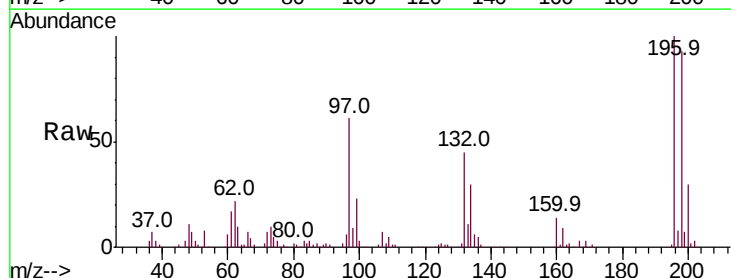


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

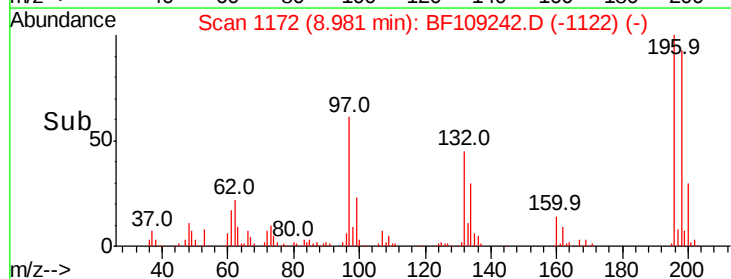
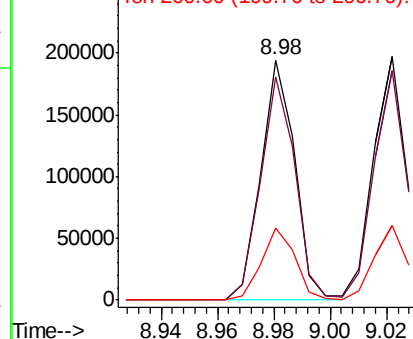


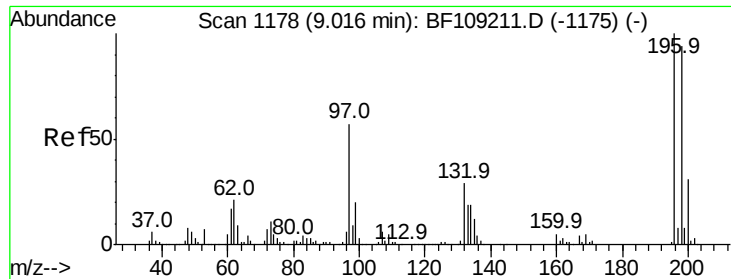
#42  
 2,4,6-Trichlorophenol  
 Concen: 43.309 ng  
 RT: 8.98 min Scan# 1172  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 93.1  | 75.7 | 113.5 |       |
| 200     | 30.1  | 24.5 | 36.7  |       |



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





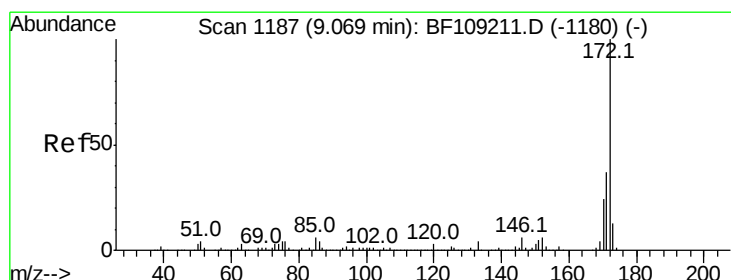
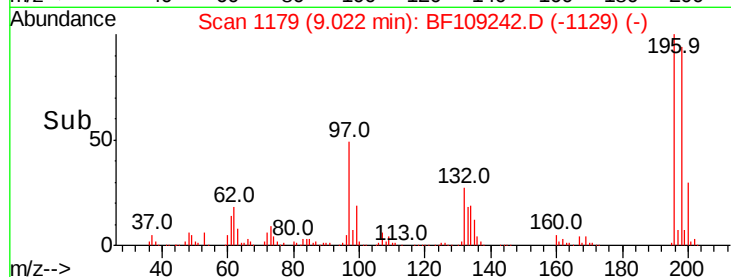
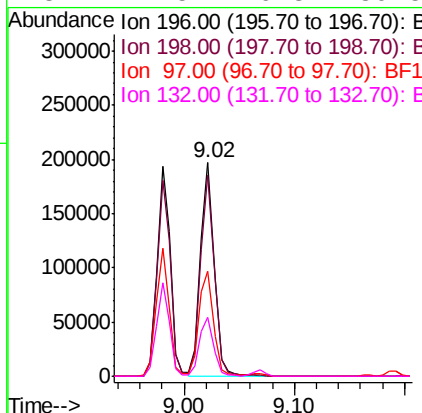
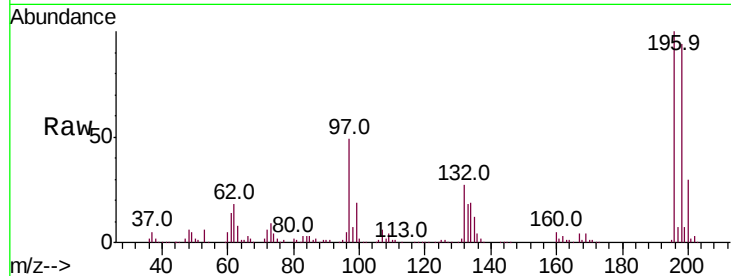
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.831 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 165679 |       |       |
| 198     | 94.3  | 74.6   | 112.0 |       |
| 97      | 49.1  | 42.9   | 64.3  |       |
| 132     | 27.5  | 26.3   | 39.5  |       |

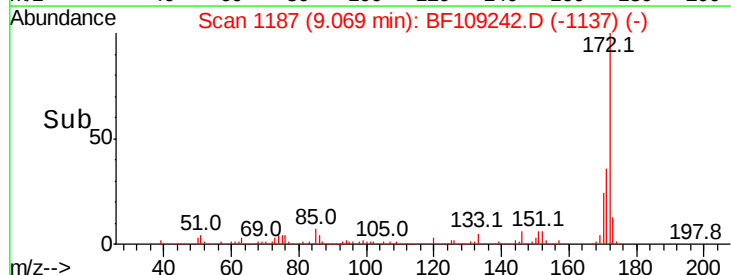
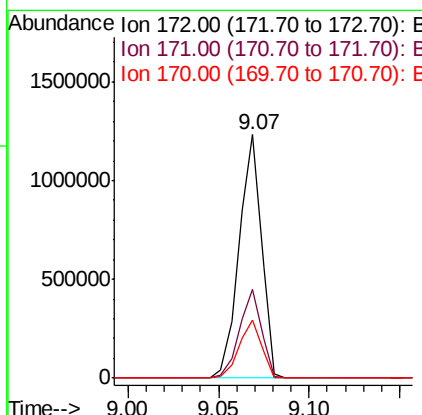
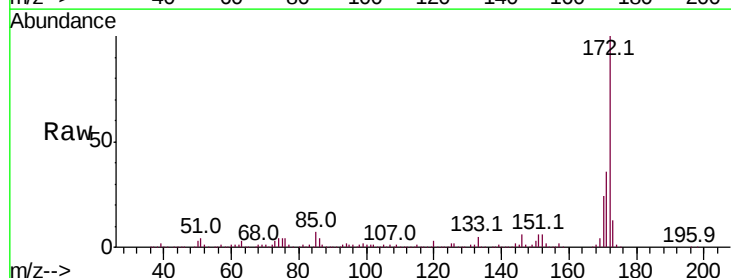
Manual Integrations  
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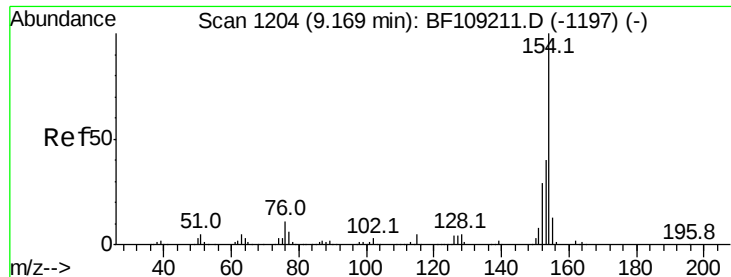
Sohil  
 9/24/2018 11:39:12 AM



#44  
 2-Fluorobiphenyl  
 Concen: 86.617 ng  
 RT: 9.07 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1054433 |       |       |
| 171     | 36.2  | 29.7    | 44.5  |       |
| 170     | 24.1  | 19.6    | 29.4  |       |





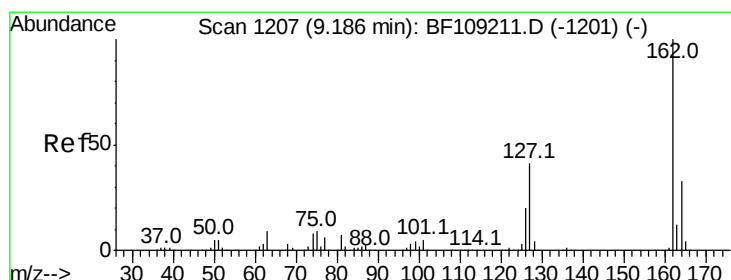
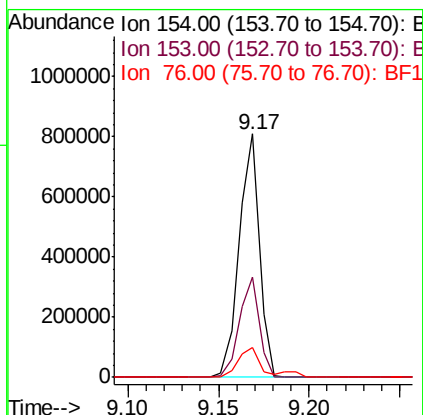
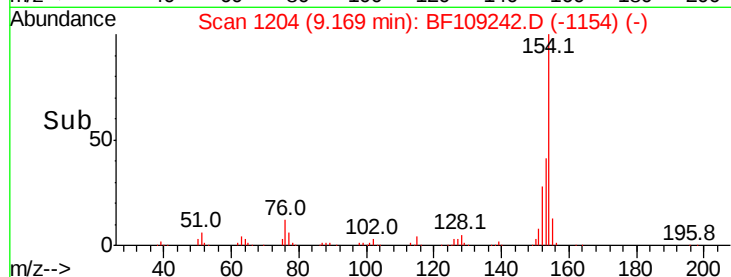
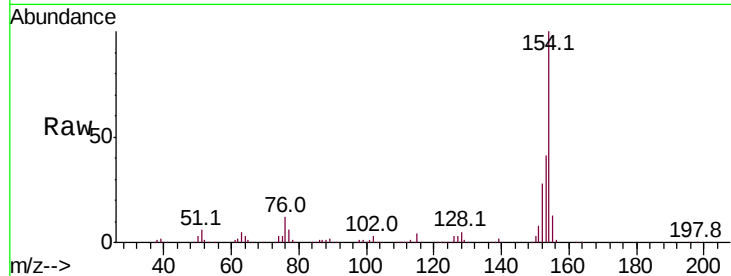
#45  
 1,1'-Biphenyl  
 Concen: 41.988 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 21.3  | 61.3  |
| 76      | 12.0  | 0.0   | 34.0  |

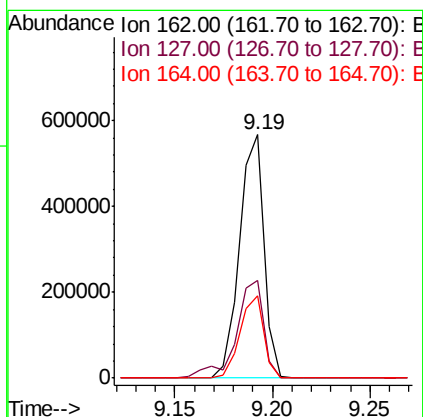
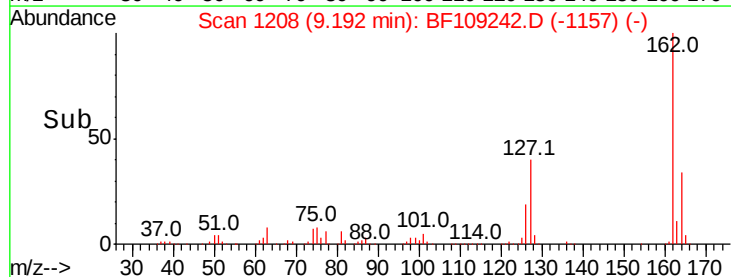
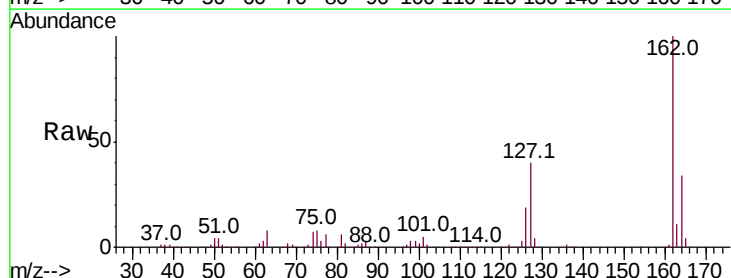
Manual Integrations  
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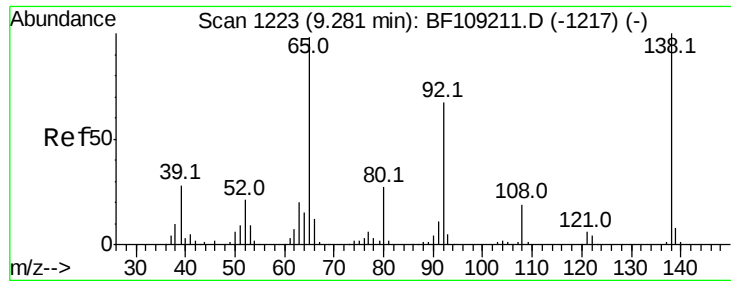
Sohil  
 9/24/2018 11:39:12 AM



#46  
 2-Chloronaphthalene  
 Concen: 41.083 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. 0.00 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.9  | 33.9  | 50.9  |
| 164     | 33.7  | 26.5  | 39.7  |





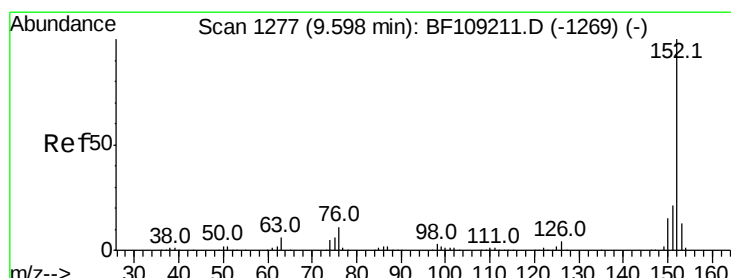
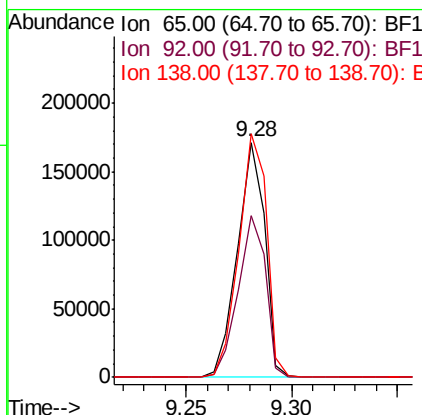
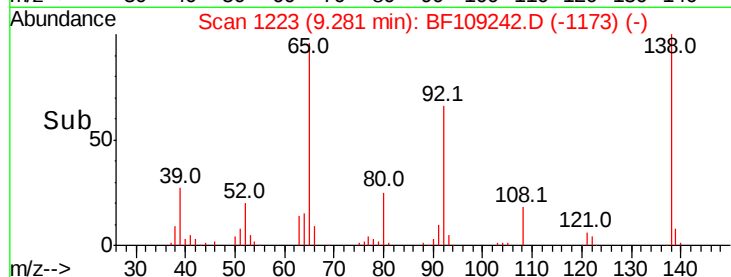
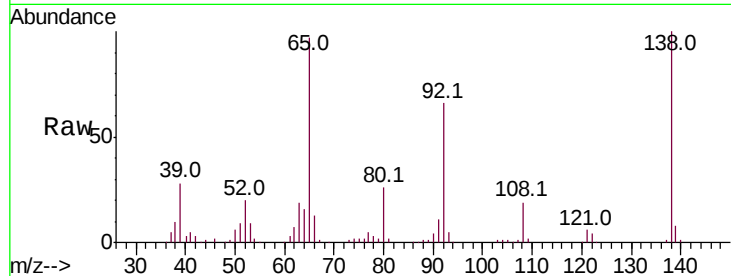
#47  
 2-Nitroaniline  
 Concen: 45.308 ng  
 RT: 9.28 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.7  | 55.8  | 83.6  |
| 138     | 103.6 | 91.2  | 136.8 |

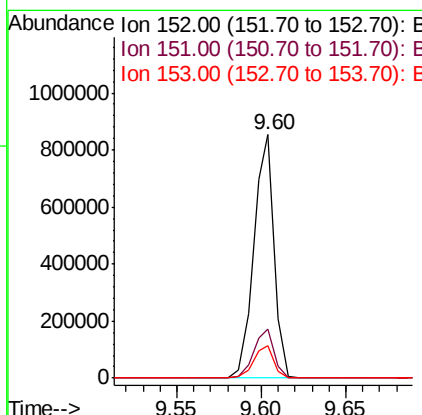
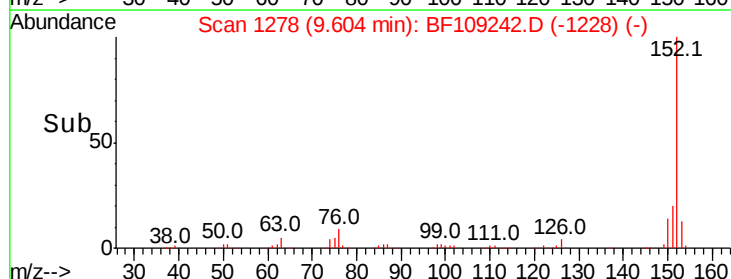
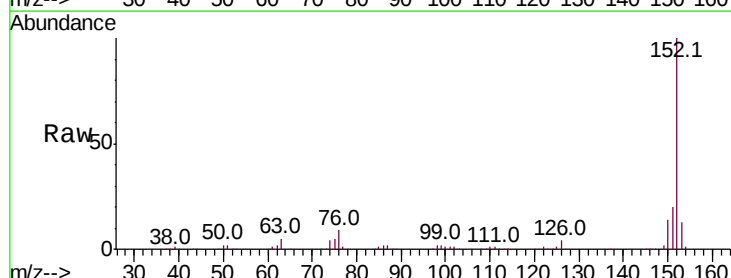
Manual Integrations  
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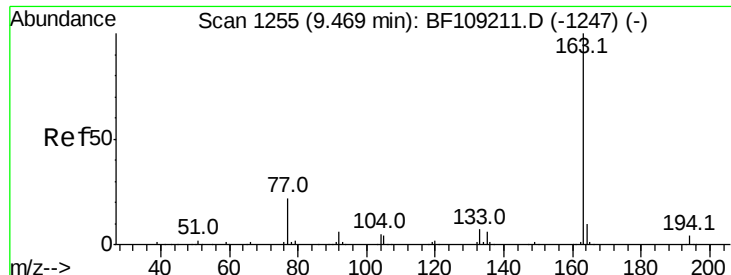
Sohil  
 9/24/2018 11:39:12 AM



#48  
 Acenaphthylene  
 Concen: 39.700 ng  
 RT: 9.60 min Scan# 1278  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.3  | 24.5  |
| 153     | 13.2  | 10.7  | 16.1  |





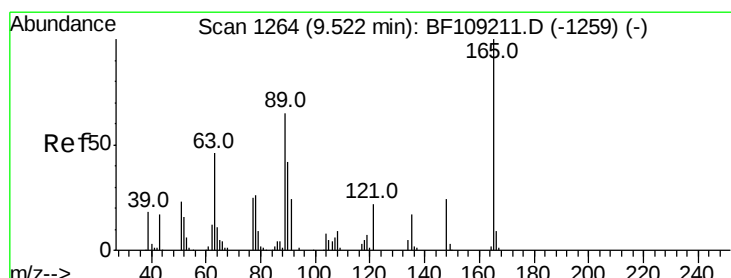
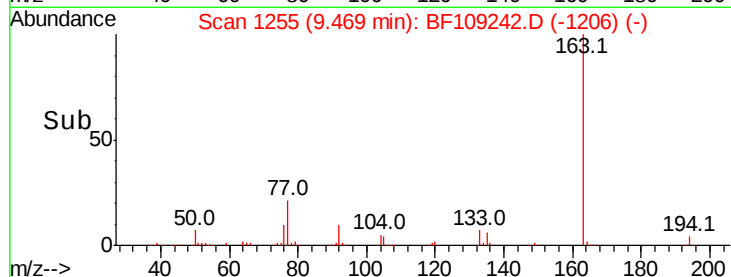
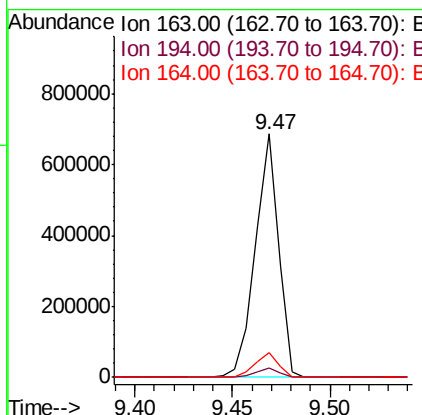
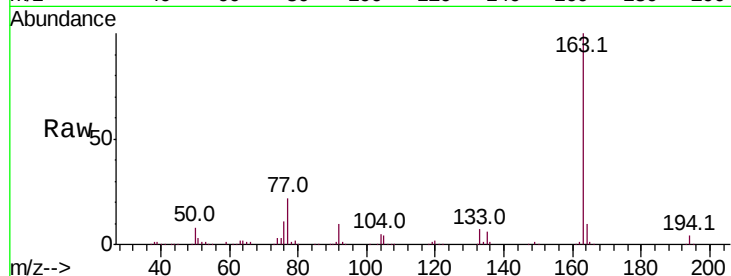
#49  
 Dimethylphthalate  
 Concen: 42.479 ng  
 RT: 9.47 min Scan# 1255  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 567258 |       |       |
| 194     | 4.0   |        | 2.7   | 4.1   |
| 164     | 9.9   |        | 8.2   | 12.2  |

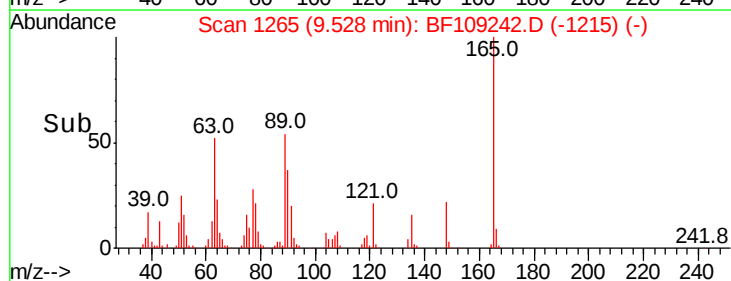
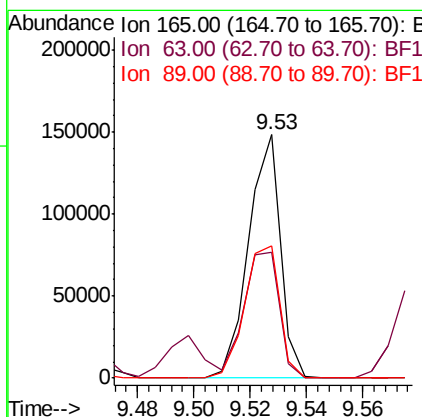
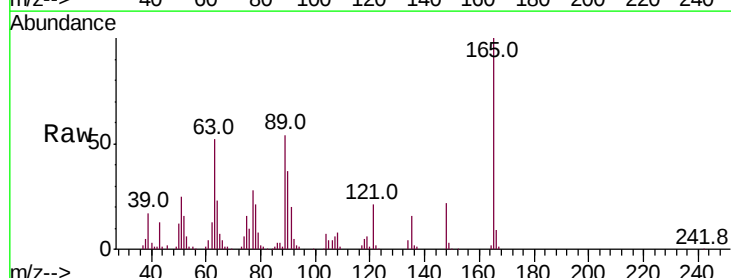
Manual Integrations  
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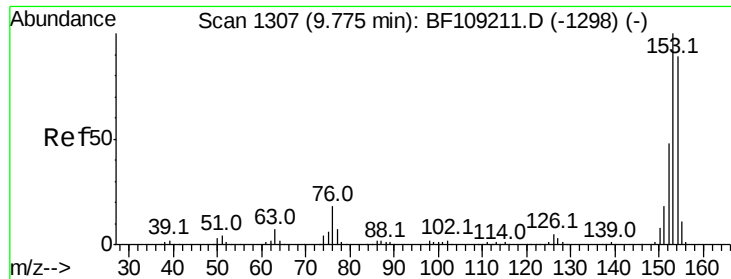
Sohil  
 9/24/2018 11:39:12 AM



#50  
 2,6-Dinitrotoluene  
 Concen: 43.998 ng  
 RT: 9.53 min Scan# 1265  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 116366 |       |       |
| 63      | 51.7  |        | 44.7  | 67.1  |
| 89      | 54.1  |        | 44.0  | 66.0  |





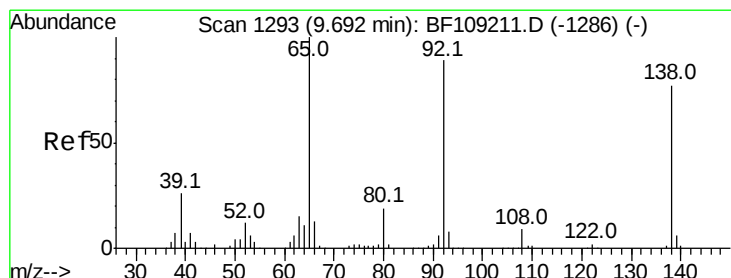
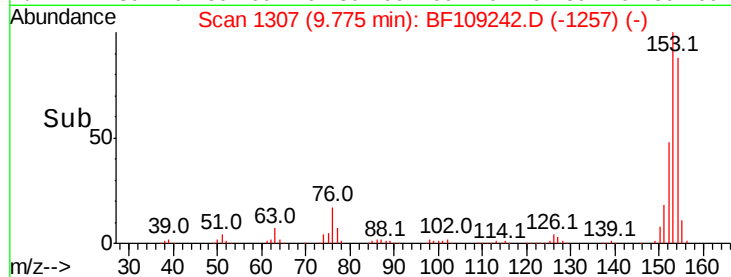
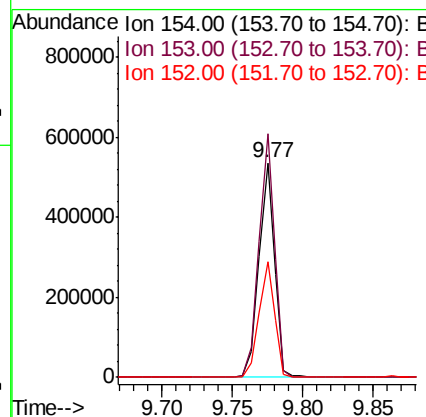
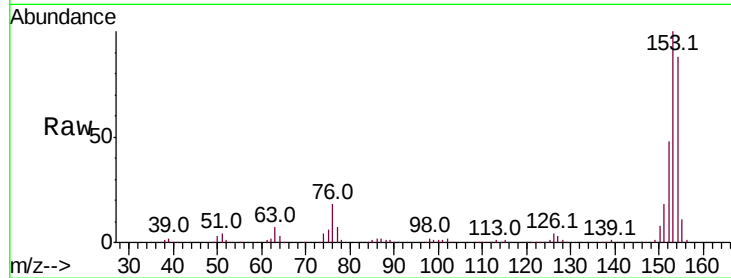
#51  
Acenaphthene  
Concen: 38.762 ng  
RT: 9.77 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.3 | 91.2  | 136.8 |
| 152     | 54.0  | 43.8  | 65.8  |

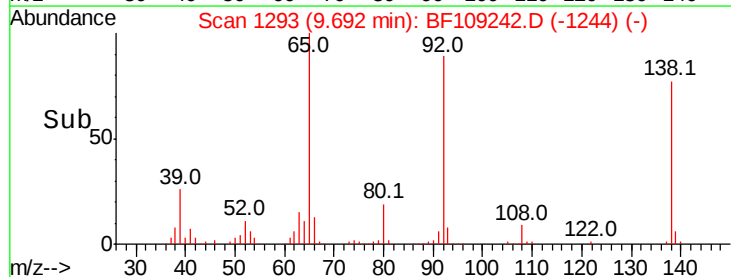
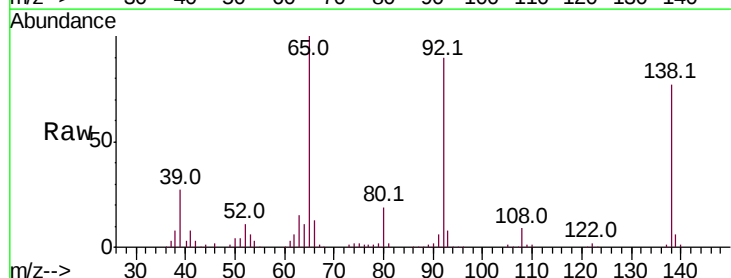
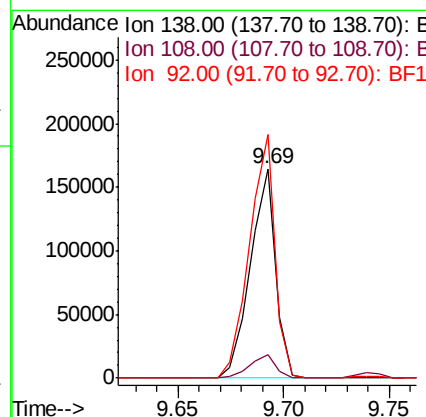
Manual Integrations  
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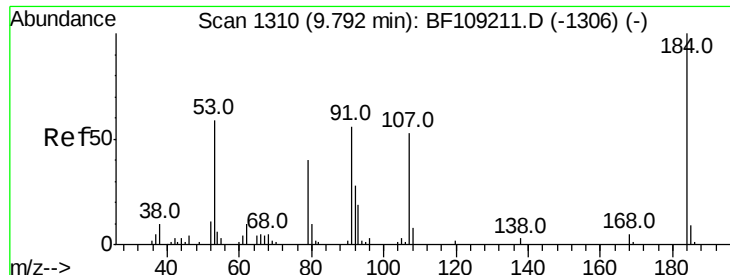
Sohil  
9/24/2018 11:39:12 AM



#52  
3-Nitroaniline  
Concen: 44.541 ng  
RT: 9.69 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.0  | 9.4   | 14.0  |
| 92      | 116.3 | 89.4  | 134.2 |





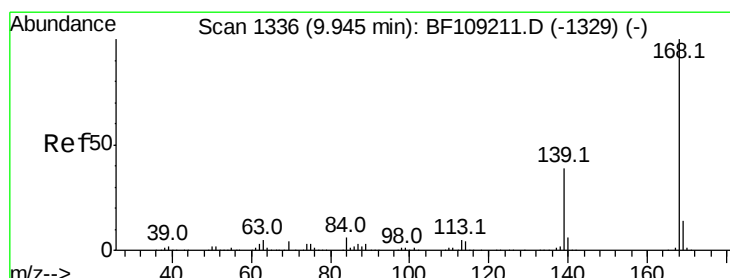
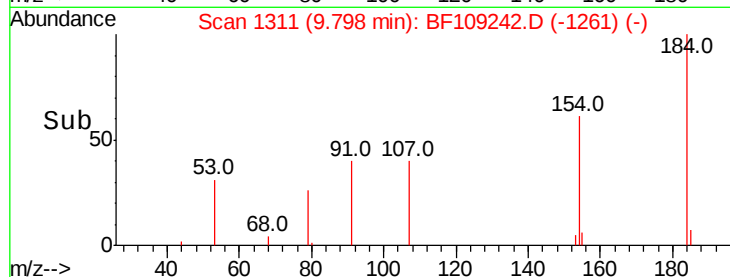
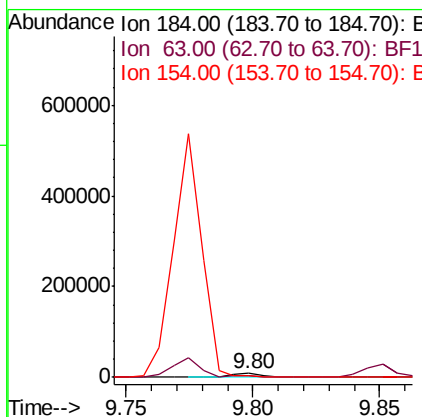
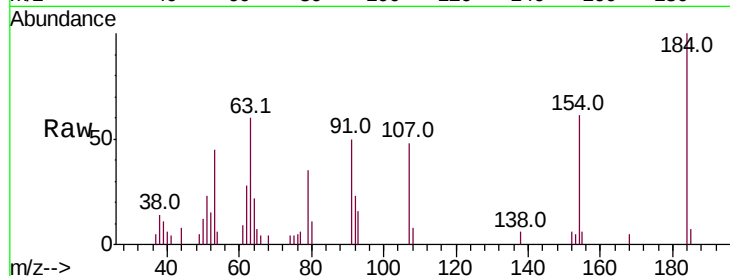
#53  
 2,4-Dinitrophenol  
 Concen: 14.813 ng  
 RT: 9.80 min Scan# 1311  
 Delta R.T. -0.00 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 60.0  | 54.2  | 81.2   |
| 154     | 60.9  | 184.0 | 276.0# |

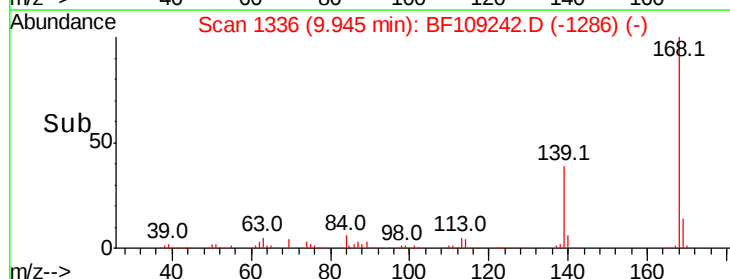
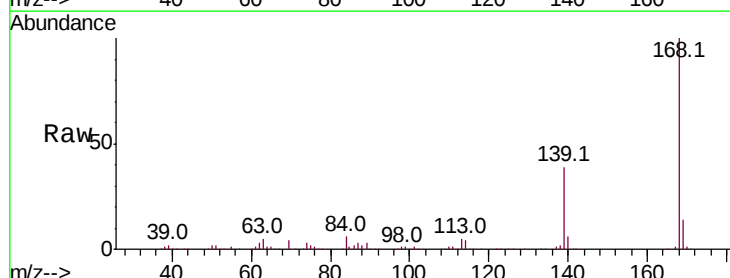
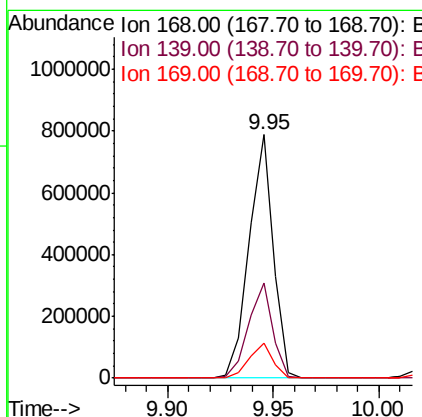
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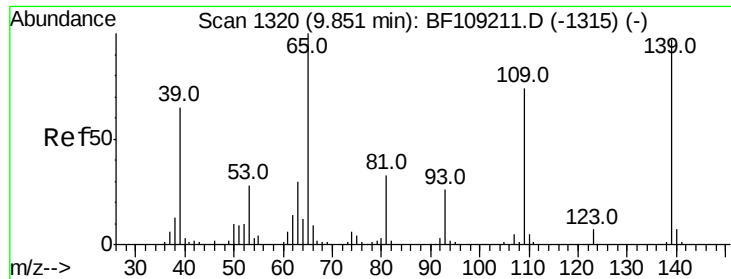
Sohil  
 9/24/2018 11:39:12 AM



#54  
 Dibenzofuran  
 Concen: 38.668 ng  
 RT: 9.95 min Scan# 1336  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.9  | 30.1  | 45.1  |
| 169     | 14.3  | 10.9  | 16.3  |





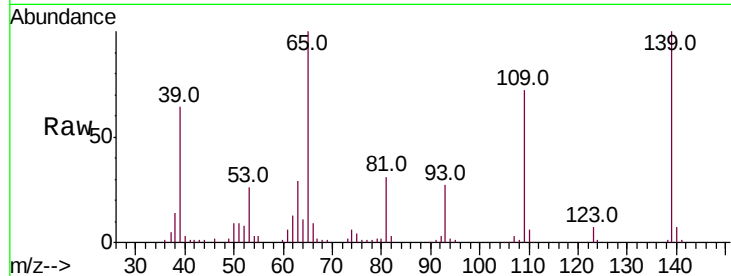
#55  
4-Nitrophenol  
Concen: 35.370 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 72.5  | 48.4  | 88.4  |
| 65      | 100.1 | 72.6  | 112.6 |

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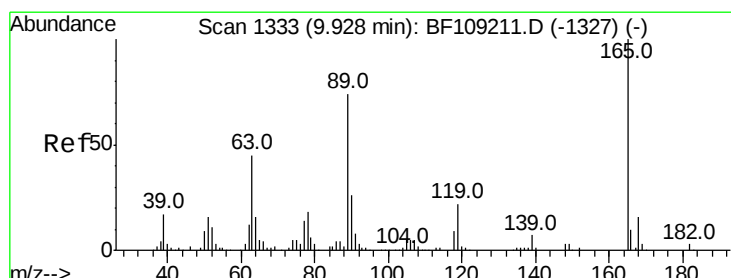
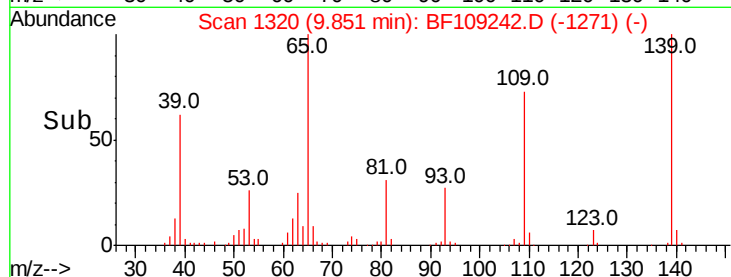
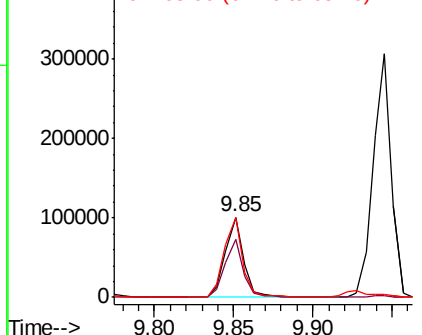


Abundance

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: 40.993 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.5  | 36.4  | 54.6  |
| 89      | 74.6  | 57.8  | 86.6  |
| 182     | 2.6   | 1.6   | 2.4#  |

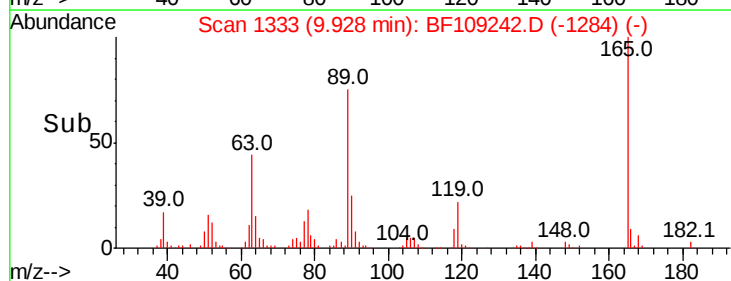
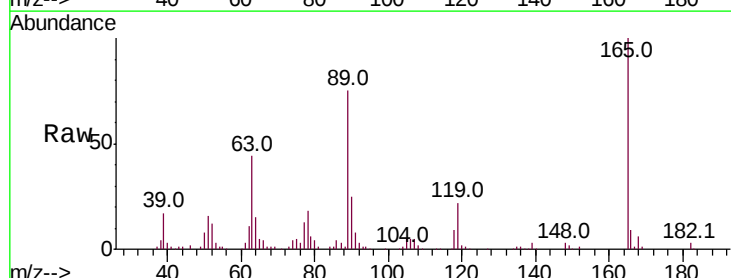
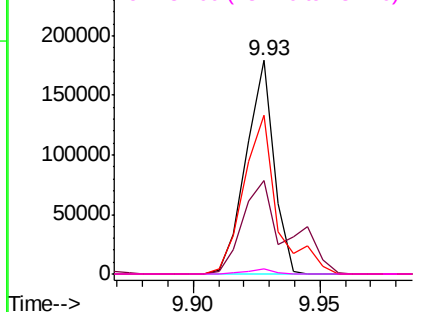
Abundance

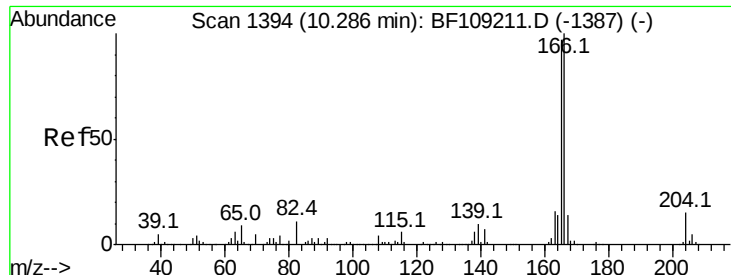
Ion 165.00 (164.70 to 165.70): E

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





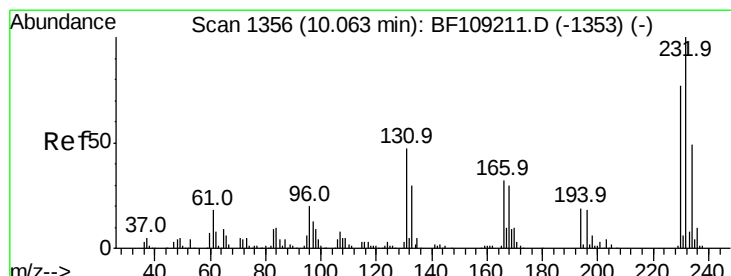
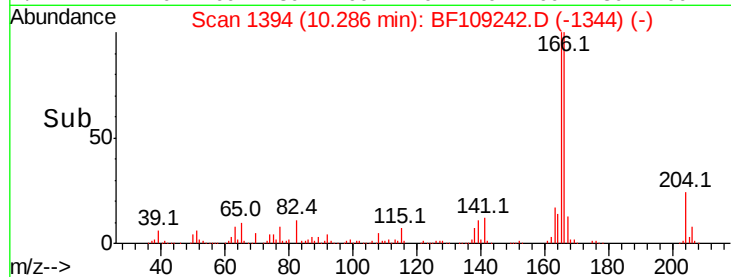
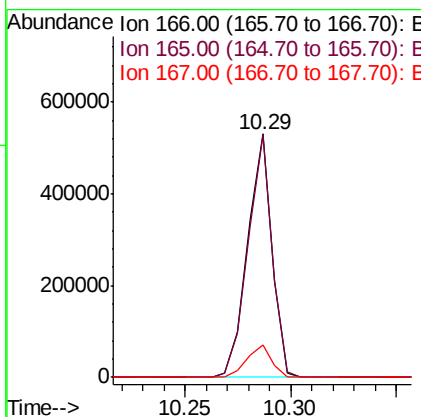
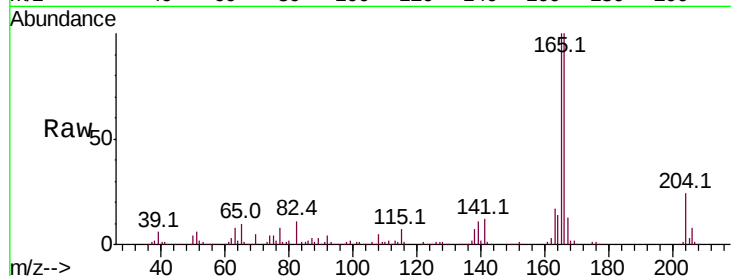
#57  
**Fluorene**  
 Concen: 36.835 ng  
 RT: 10.29 min Scan# 1394  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 426027 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.5  | 79.8  | 119.8  |
| 167       | 13.4  | 10.6  | 16.0   |

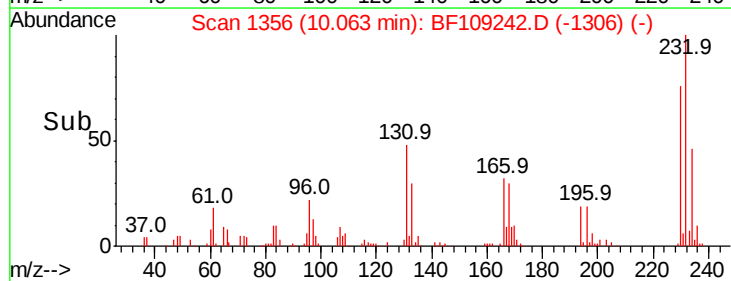
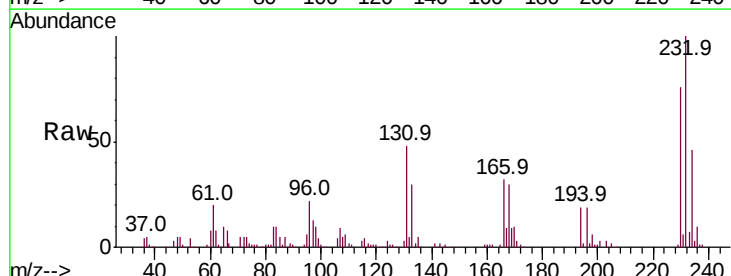
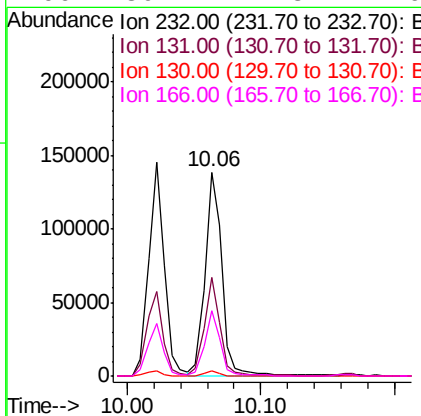
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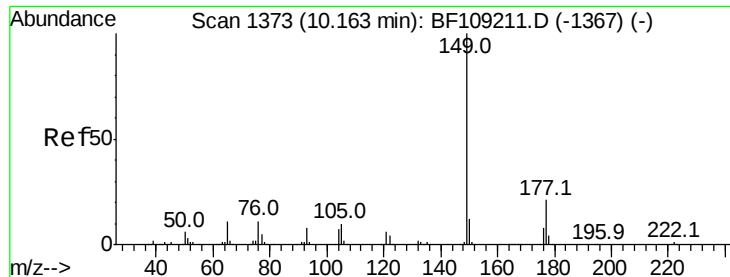
Sohil  
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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 38.575 ng  
 RT: 10.06 min Scan# 1356  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 120971 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 45.9  | 43.8  | 65.8   |
| 130       | 2.1   | 2.1   | 3.1    |
| 166       | 30.2  | 27.8  | 41.6   |





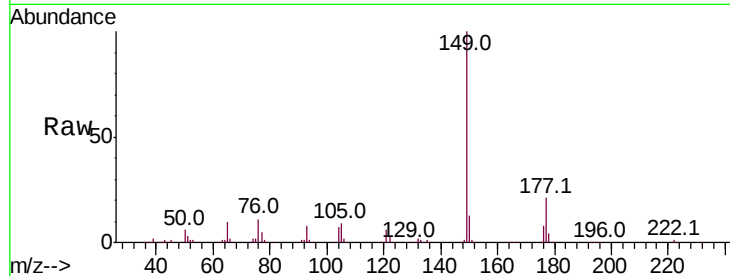
#59  
Diethylphthalate  
Concen: 41.748 ng  
RT: 10.16 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

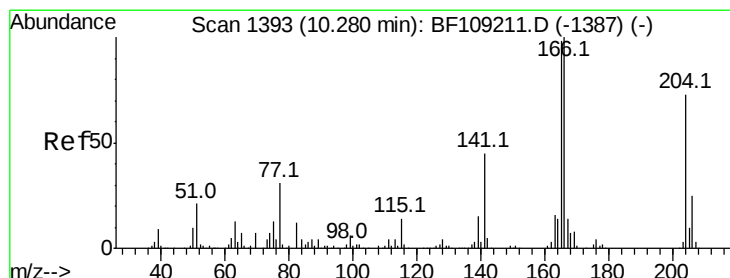
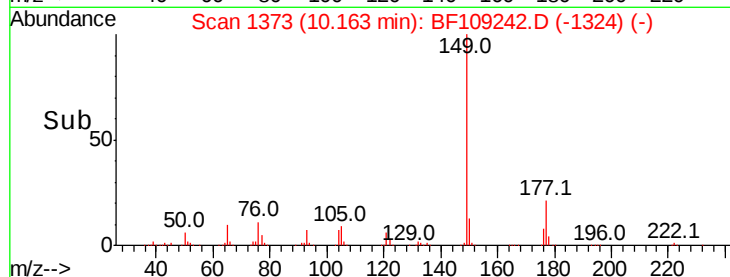
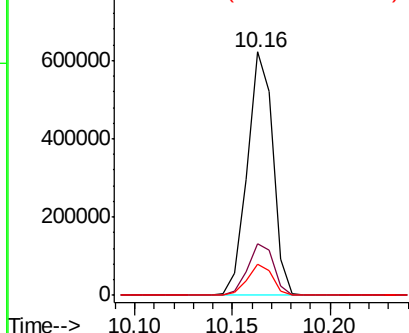
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.3  | 16.1  | 24.1  |
| 150     | 12.6  | 10.1  | 15.1  |

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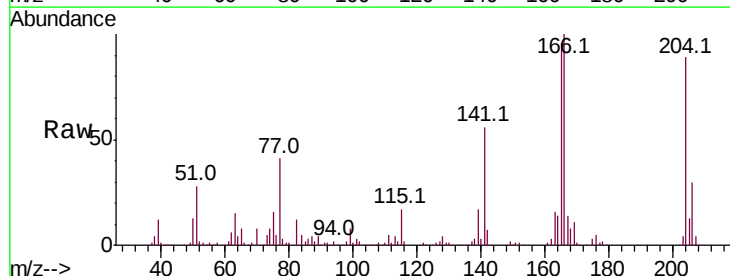


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

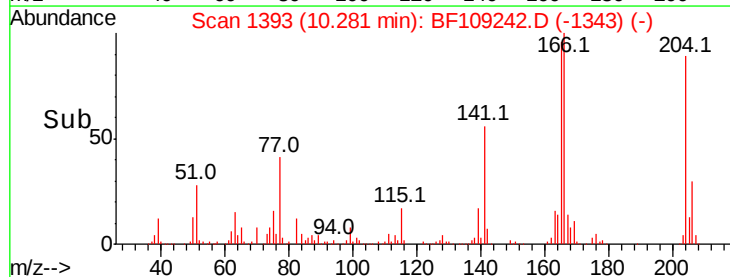
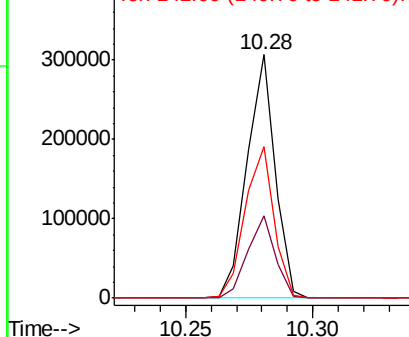


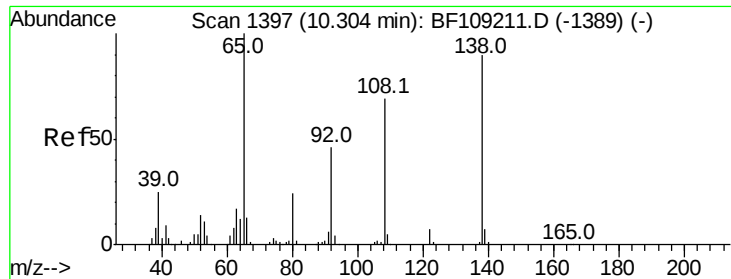
#60  
4-Chlorophenyl-phenylether  
Concen: 39.355 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 26.5  | 39.7  |
| 141     | 62.4  | 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





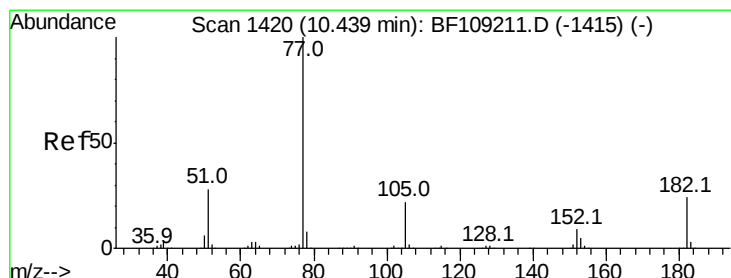
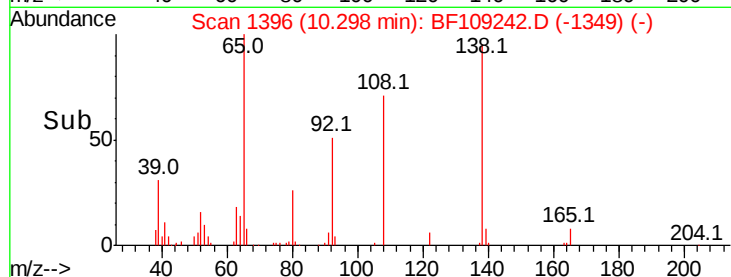
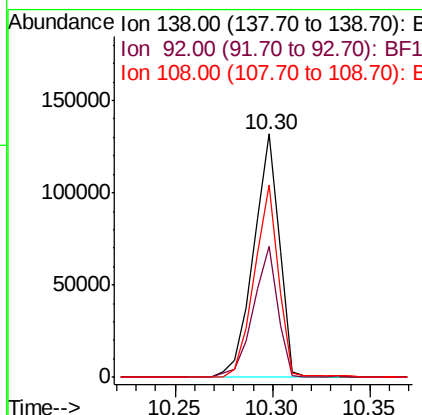
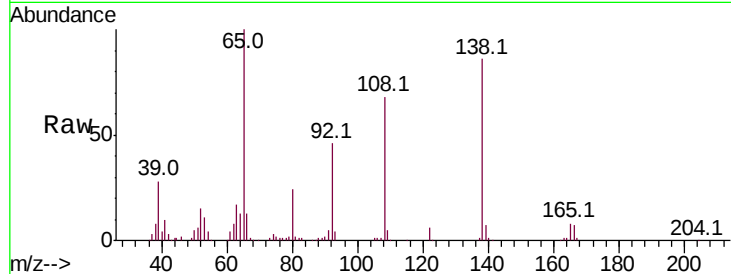
#61  
4-Nitroaniline  
Concen: 40.309 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. -0.02 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.8  | 30.2  | 70.2  |
| 108     | 79.0  | 52.5  | 92.5  |

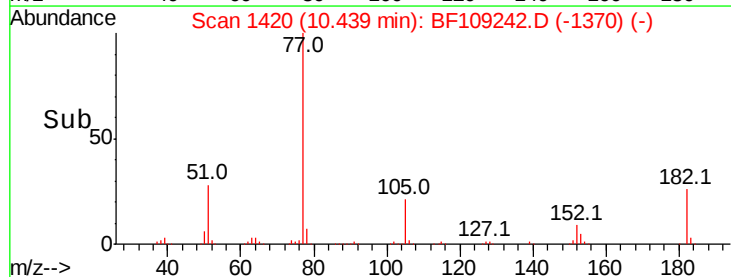
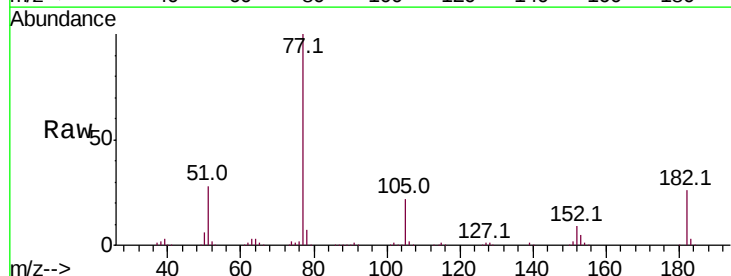
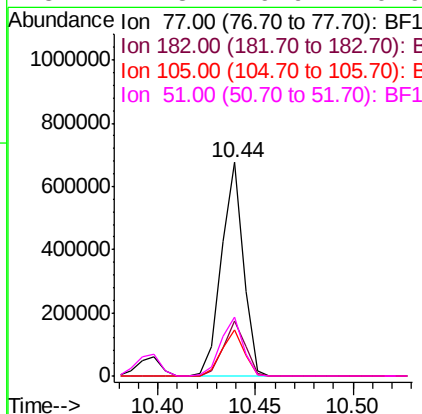
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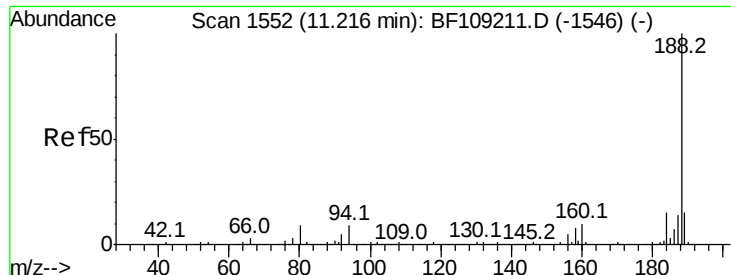
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#62  
Azobenzene  
Concen: 37.438 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.5  | 1.7   | 41.7  |
| 105     | 21.6  | 3.0   | 43.0  |
| 51      | 27.8  | 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: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

ClientSampleId :

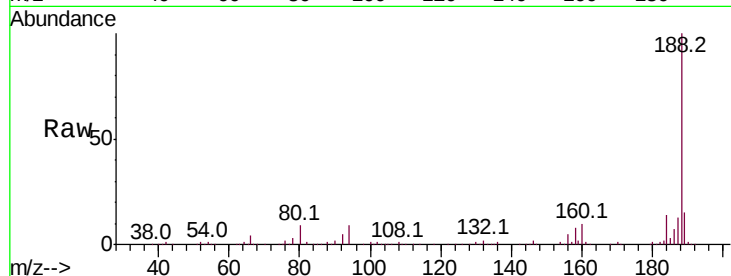
SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 294969 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.0   | 8.5   | 12.7   |
| 80        | 9.4   | 9.2   | 13.8   |

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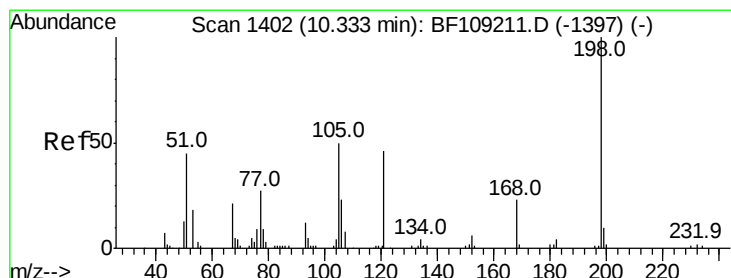
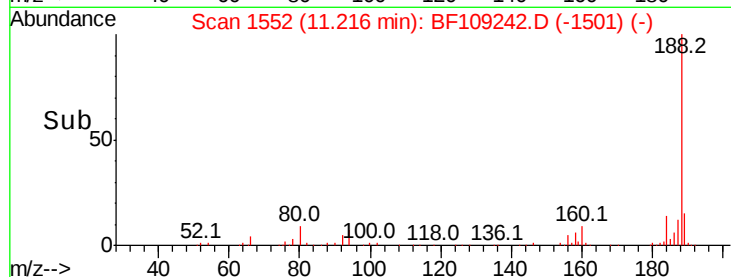
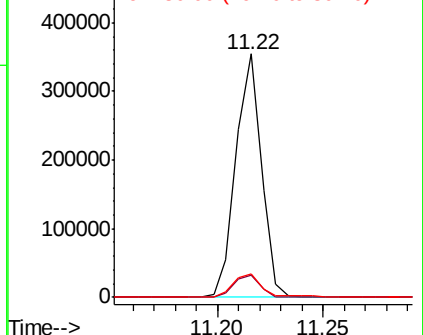
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 17.759 ng

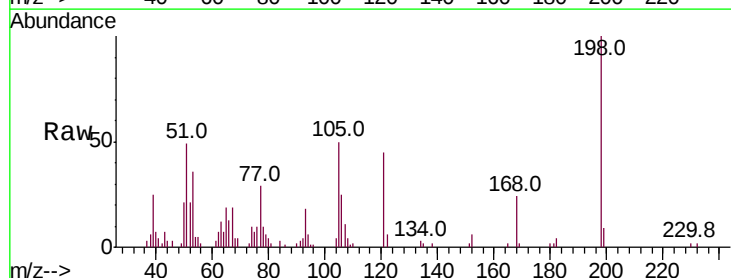
RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

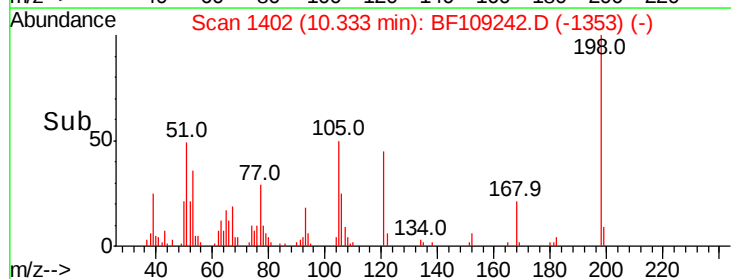
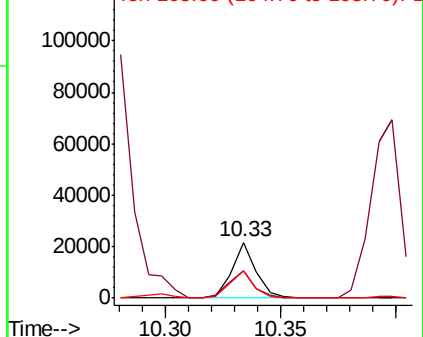
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 15354 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 49.0  | 37.7  | 77.7  |
| 105       | 49.9  | 36.3  | 76.3  |

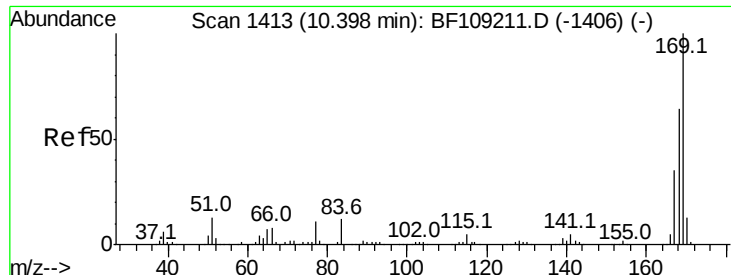


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





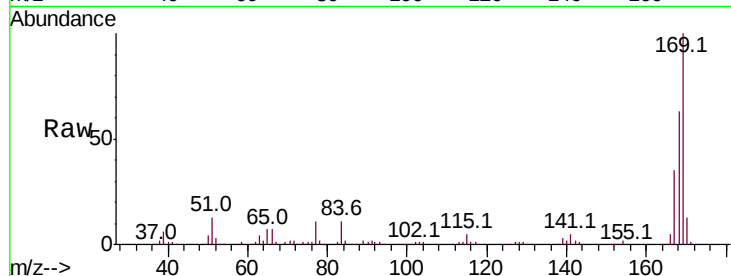
#65  
 n-Nitrosodiphenylamine  
 Concen: 46.879 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

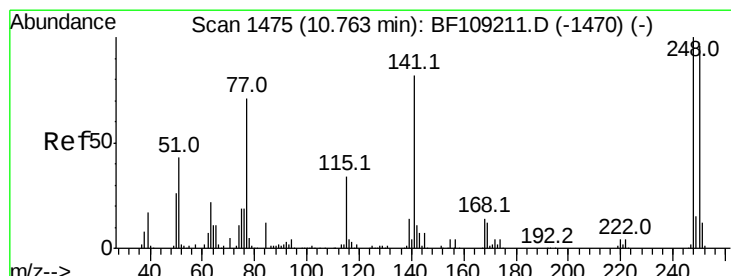
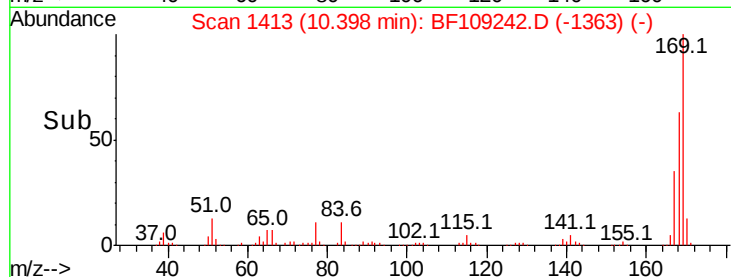
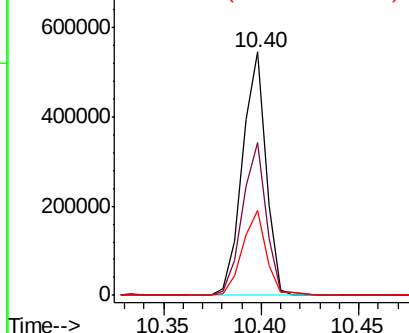
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 62.7  | 54.4  | 81.6  |
| 167     | 35.0  | 29.8  | 44.6  |

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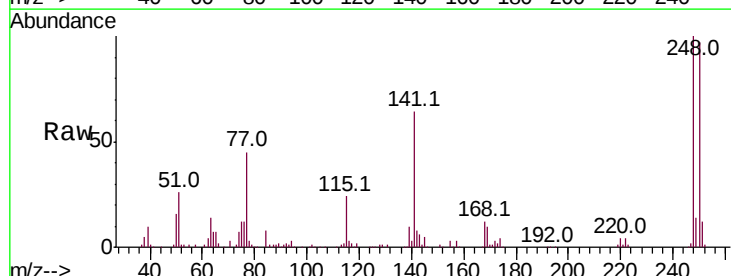


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

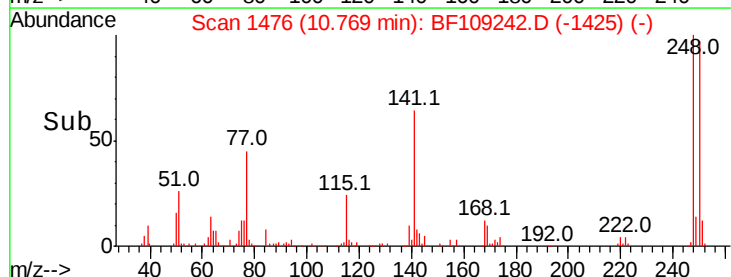
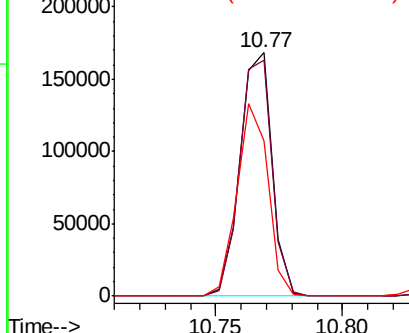


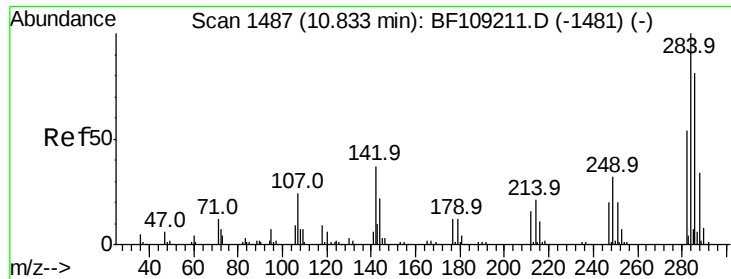
#66  
 4-Bromophenyl-phenylether  
 Concen: 45.060 ng  
 RT: 10.77 min Scan# 1476  
 Delta R.T. 0.00 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 96.9  | 76.9  | 115.3  |
| 141     | 63.7  | 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





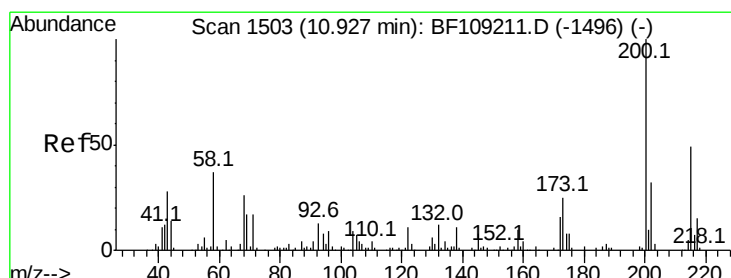
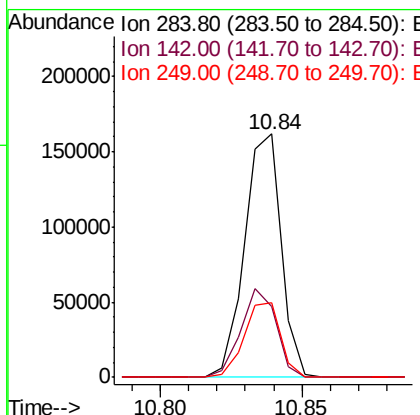
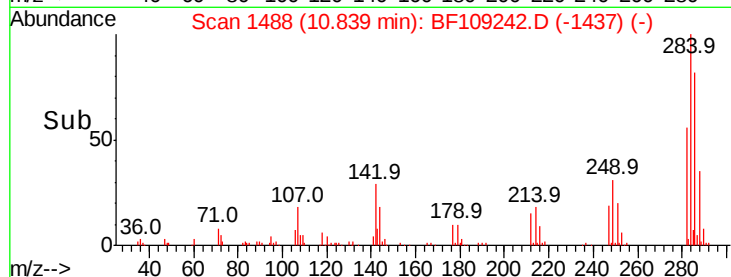
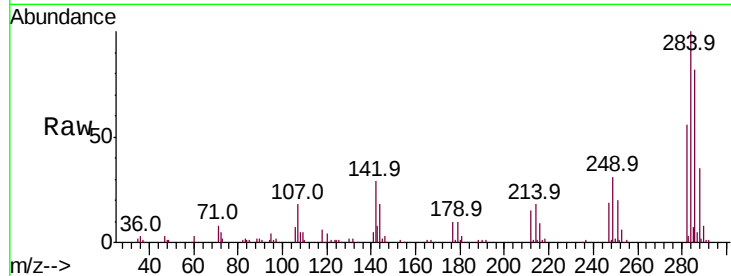
#67  
Hexachlorobenzene  
Concen: 41.782 ng  
RT: 10.84 min Scan# 1488  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 29.3  | 34.6 | 52.0  |       |
| 249     | 30.7  | 24.8 | 37.2  |       |

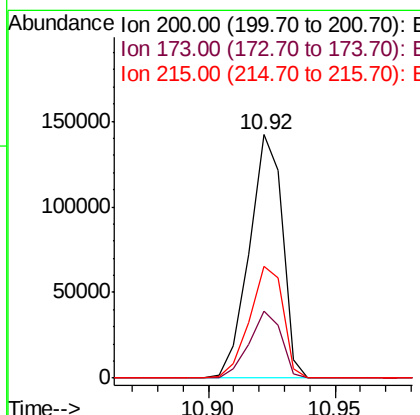
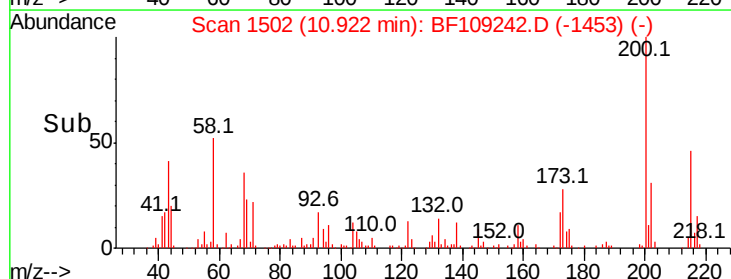
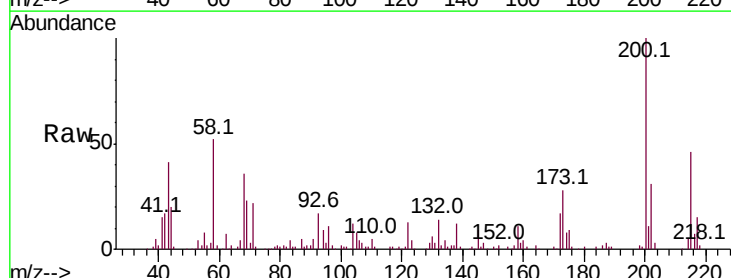
Manual Integrations  
APPROVED

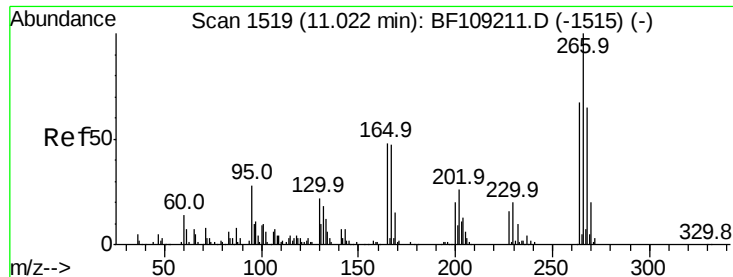
Sohil  
9/24/2018 11:39:12 AM



#68  
Atrazine  
Concen: 43.218 ng  
RT: 10.92 min Scan# 1502  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 27.7  | 8.6  | 48.6  |       |
| 215     | 46.2  | 25.1 | 65.1  |       |





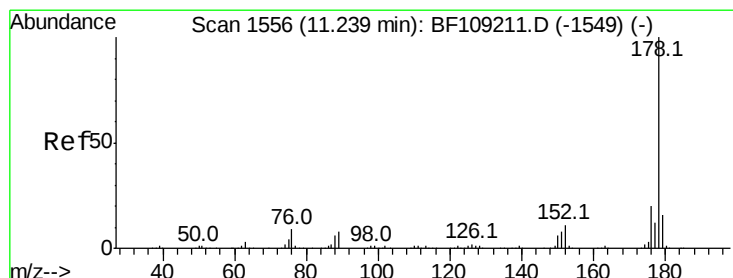
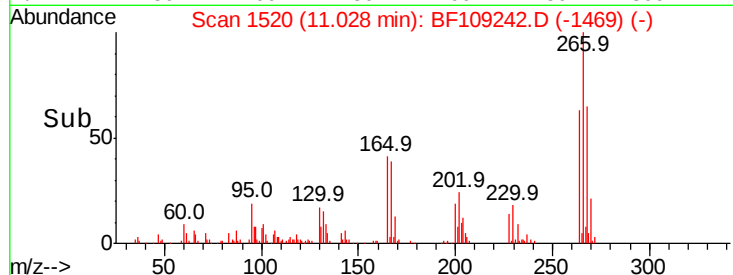
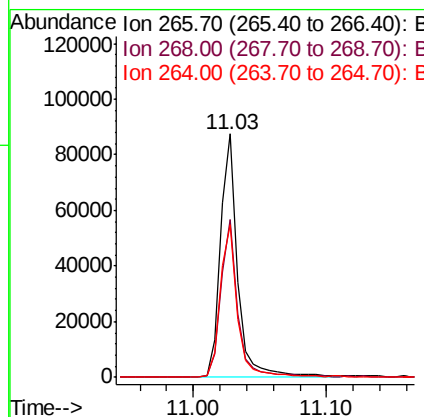
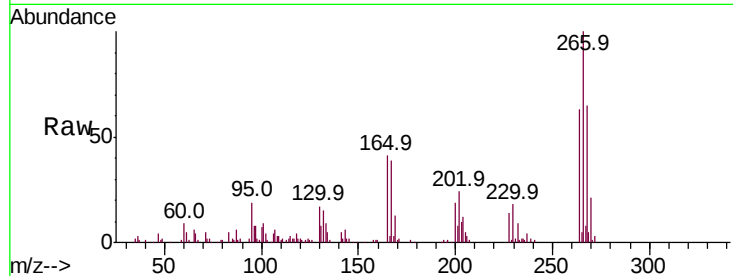
#69  
 Pentachlorophenol  
 Concen: 38.584 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. 0.00 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.7  | 51.1  | 76.7  |
| 264     | 62.9  | 49.5  | 74.3  |

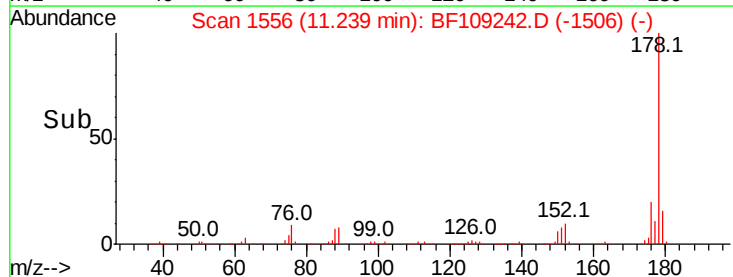
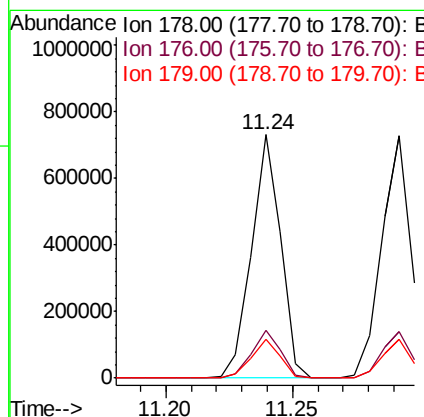
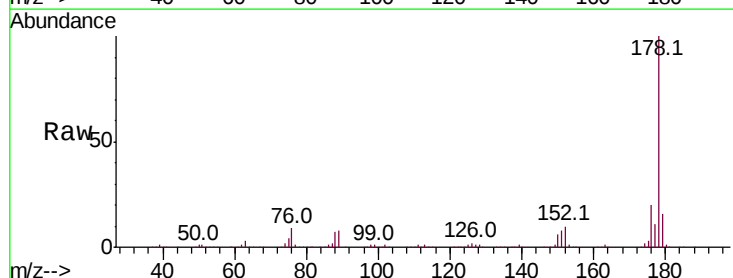
Manual Integrations  
 APPROVED

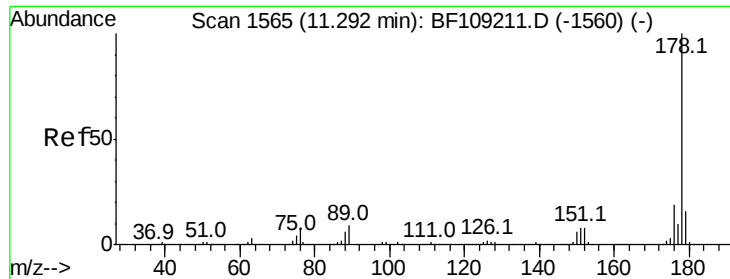
Sohil  
 9/24/2018 11:39:12 AM



#70  
 Phenanthrene  
 Concen: 39.738 ng  
 RT: 11.24 min Scan# 1556  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

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





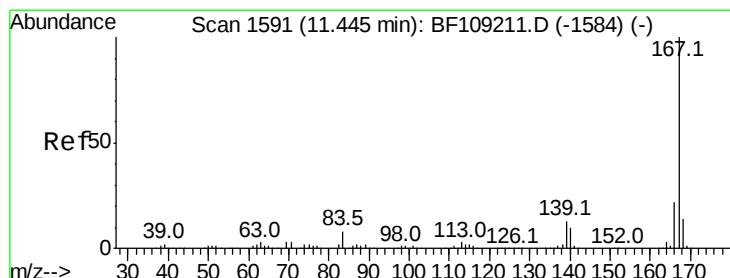
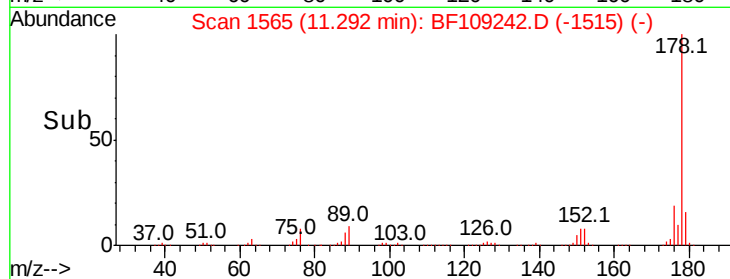
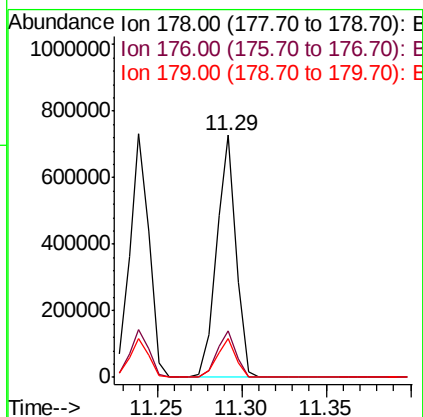
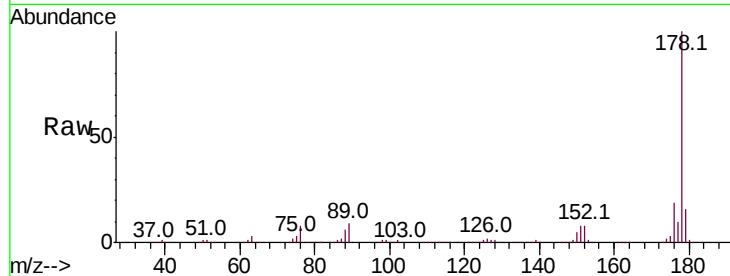
#71  
 Anthracene  
 Concen: 39.242 ng  
 RT: 11.29 min Scan# 1565  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.4  | 23.2  |
| 179     | 15.8  | 12.6  | 19.0  |

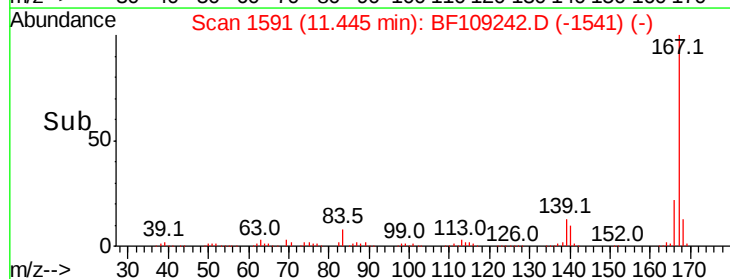
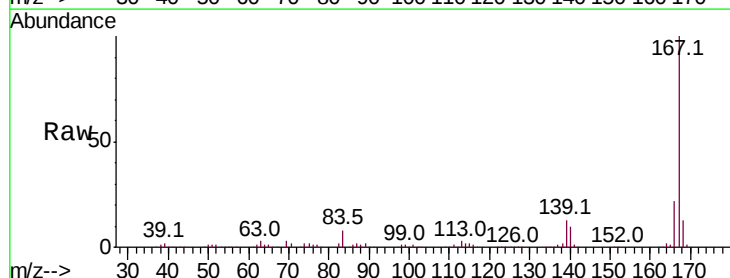
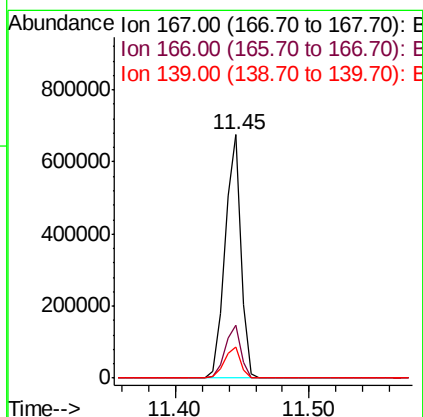
Manual Integrations  
 APPROVED

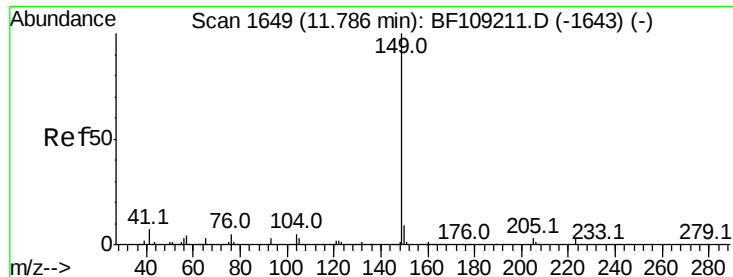
Sohil  
 9/24/2018 11:39:12 AM



#72  
 Carbazole  
 Concen: 38.053 ng  
 RT: 11.45 min Scan# 1591  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 17.6  | 26.4  |
| 139     | 12.9  | 10.9  | 16.3  |





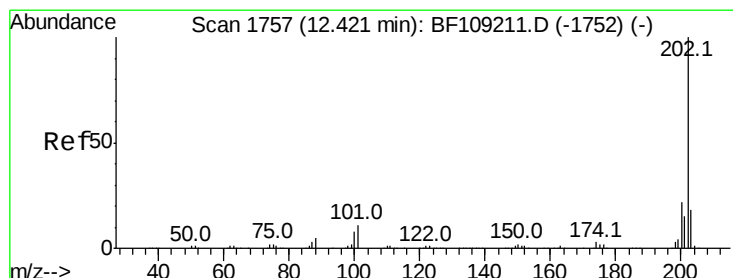
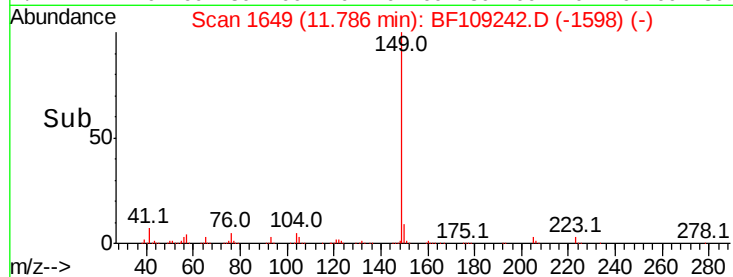
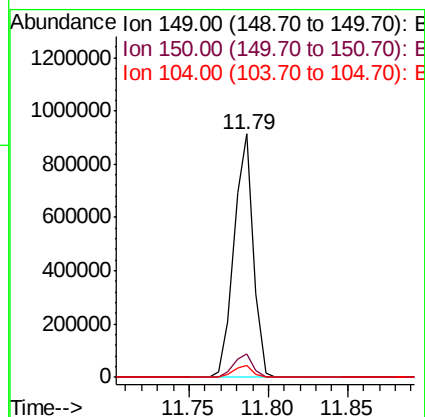
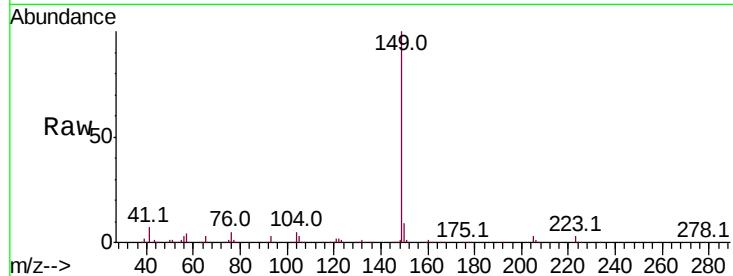
#73  
Di-n-butylphthalate  
Concen: 44.870 ng  
RT: 11.79 min Scan# 1649  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 767722 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 7.8   | 11.6   |
| 104       | 4.9   | 3.8   | 5.8    |

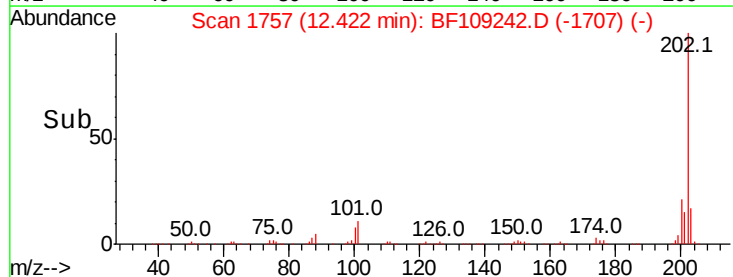
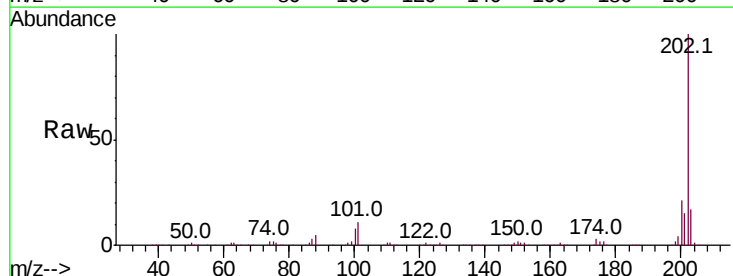
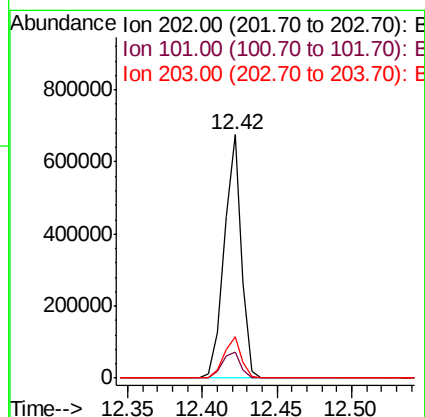
Manual Integrations  
APPROVED

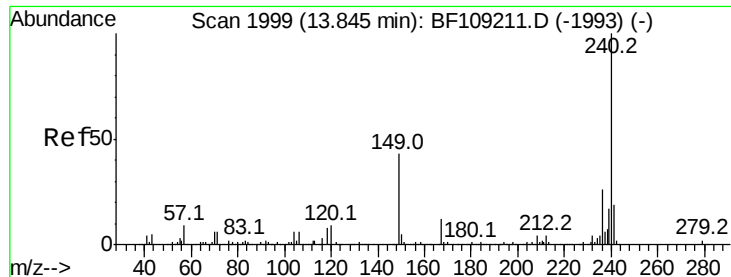
Sohil  
9/24/2018 11:39:12 AM



#74  
Fluoranthene  
Concen: 34.838 ng  
RT: 12.42 min Scan# 1757  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 548325 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.9  | 0.0   | 34.1   |
| 203       | 17.2  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

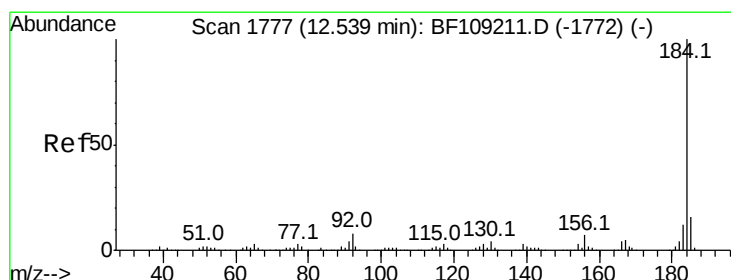
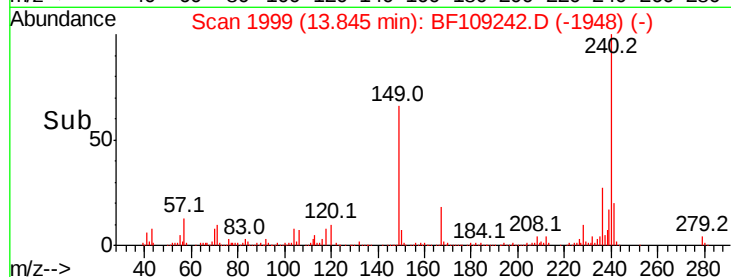
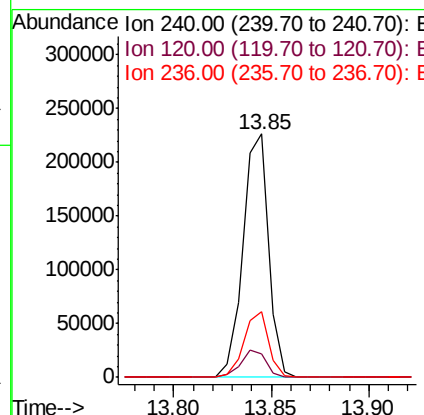
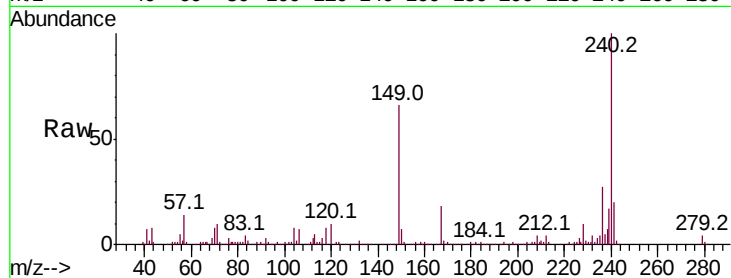
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 206366 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.9   | 9.5   | 14.3   |
| 236       | 27.1  | 20.7  | 31.1   |

Manual Integrations  
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Sohil  
9/24/2018 11:39:12 AM



#76

Benzidine

Concen: 45.152 ng

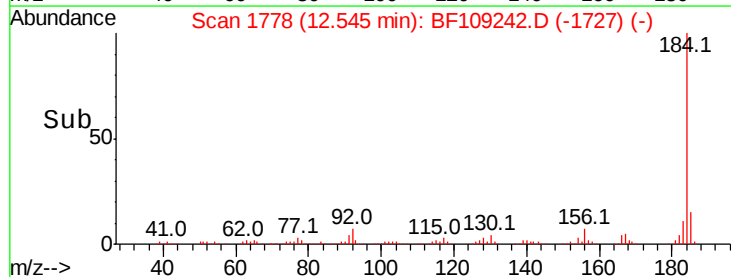
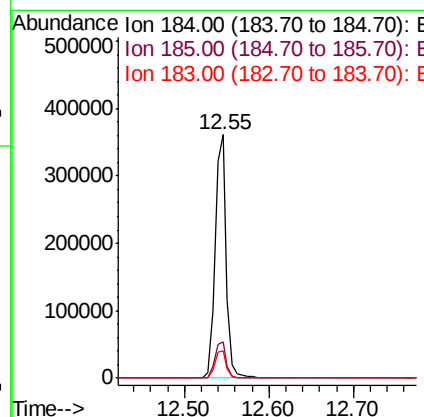
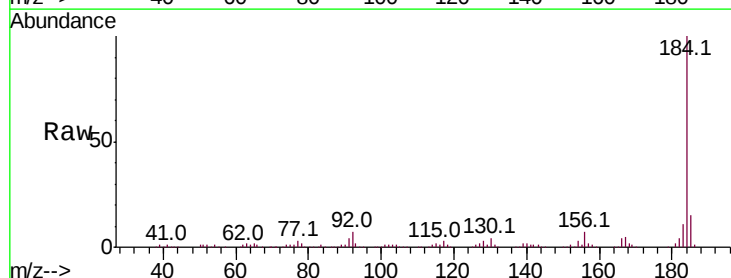
RT: 12.55 min Scan# 1778

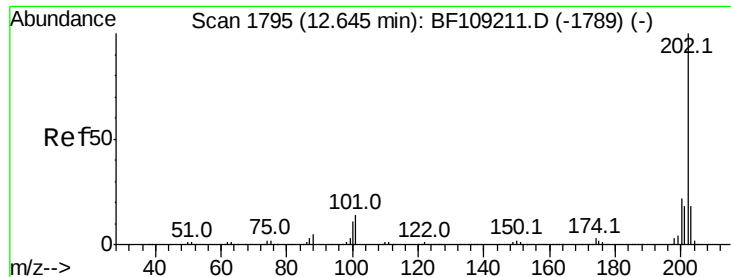
Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 335954 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.7  | 12.6  | 18.8   |
| 183       | 11.2  | 9.3   | 13.9   |





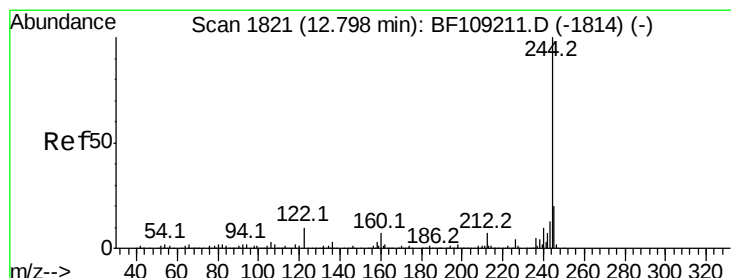
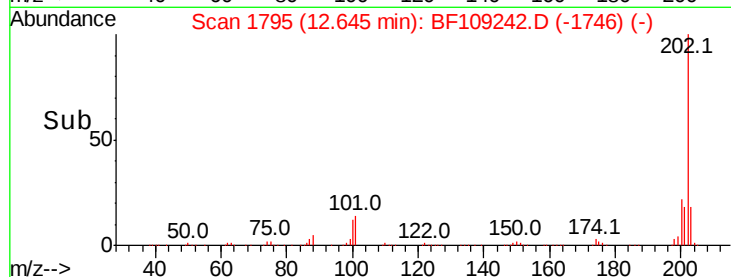
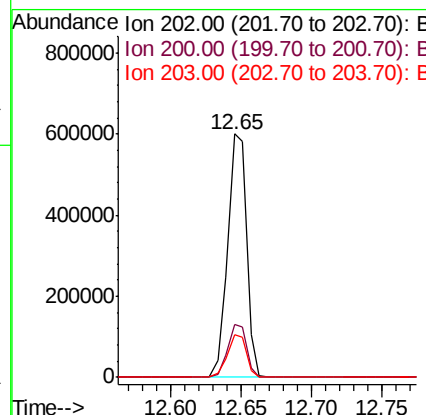
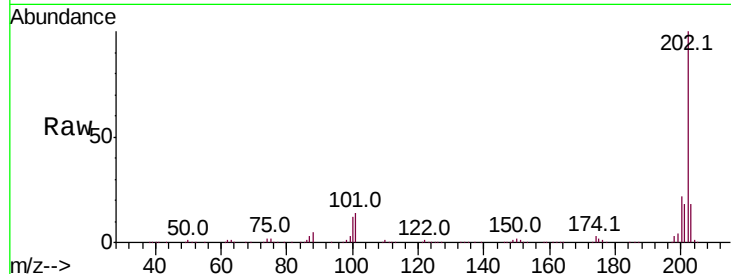
#77  
Pvrene  
Concen: 37.943 ng  
RT: 12.65 min Scan# 1795  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

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

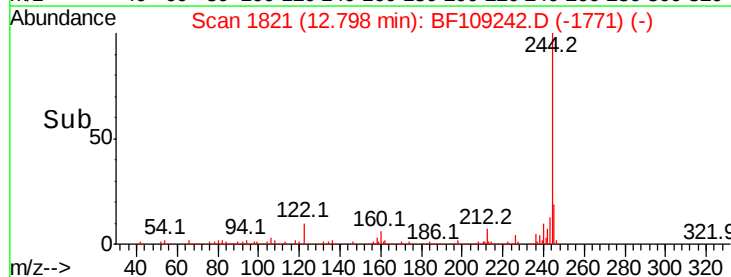
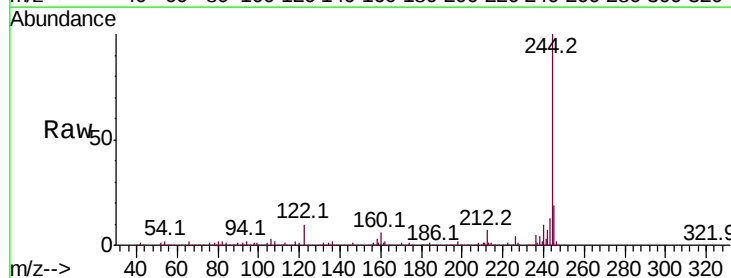
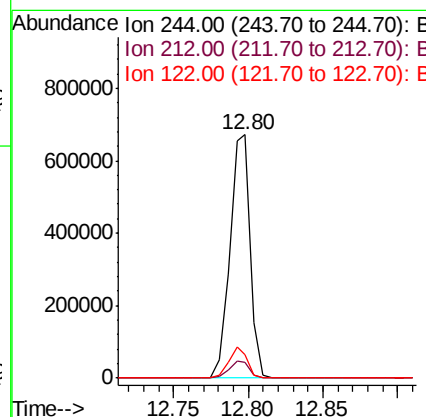
Manual Integrations  
APPROVED

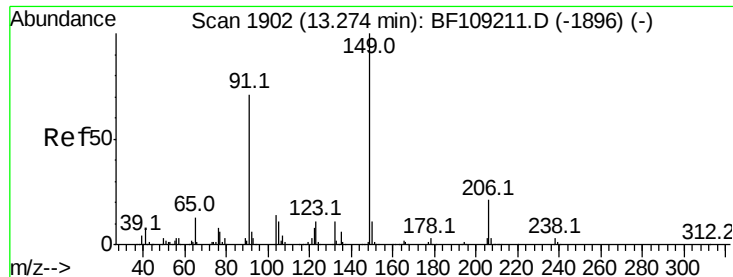
Sohil  
9/24/2018 11:39:12 AM



#78  
Terphenyl-d14  
Concen: 76.831 ng  
RT: 12.80 min Scan# 1821  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.4   | 8.0   |
| 122     | 9.8   | 11.0  | 16.4  |





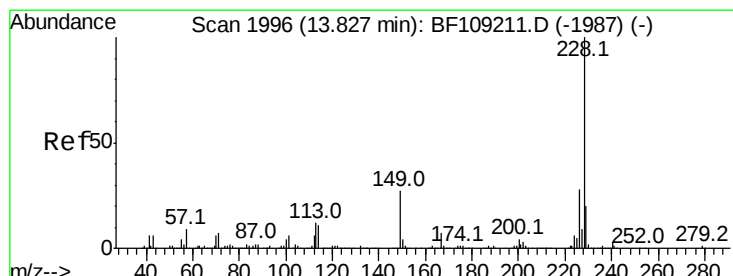
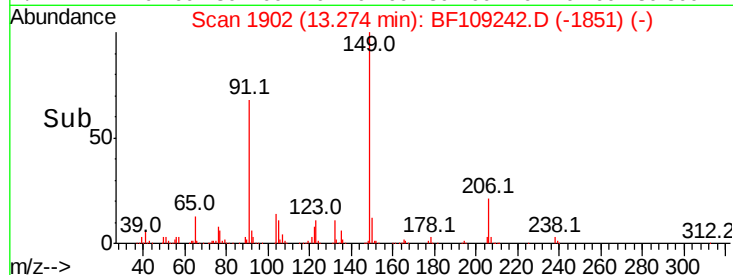
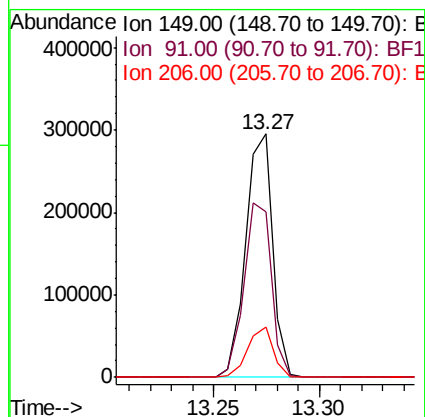
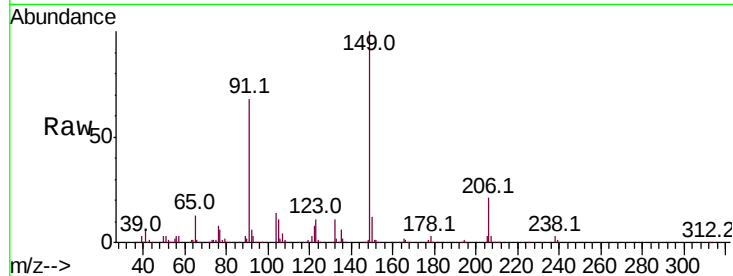
#79  
Butylbenzylphthalate  
Concen: 41.390 ng  
RT: 13.27 min Scan# 1902  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 260437 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 68.2  | 56.8  | 85.2   |
| 206       | 20.7  | 14.1  | 21.1   |

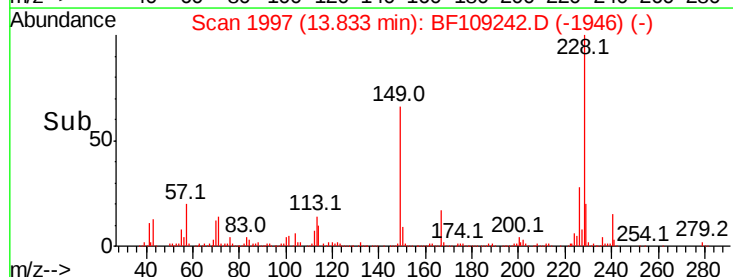
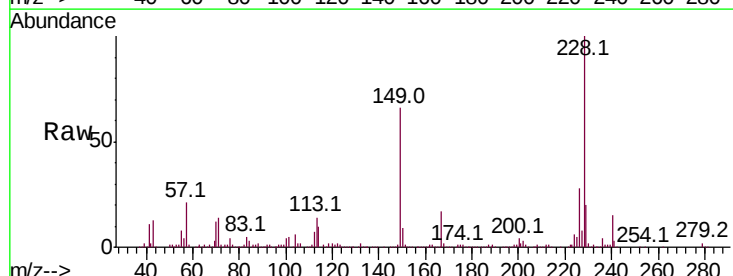
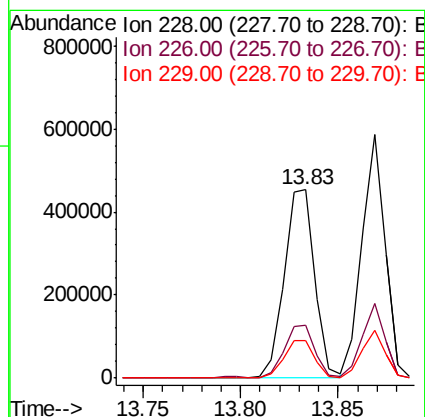
Manual Integrations  
APPROVED

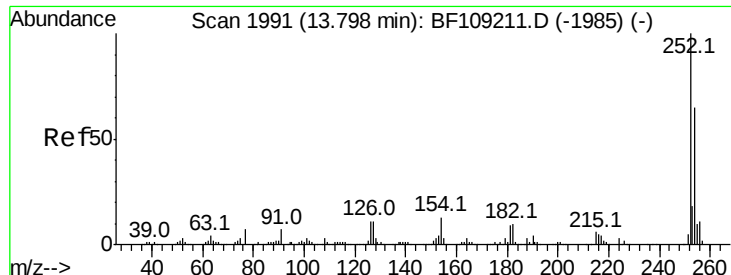
Sohil  
9/24/2018 11:39:12 AM



#80  
Benzo(a)anthracene  
Concen: 39.285 ng  
RT: 13.83 min Scan# 1997  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 488310 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.0  | 22.6  | 33.8   |
| 229       | 19.7  | 15.8  | 23.6   |





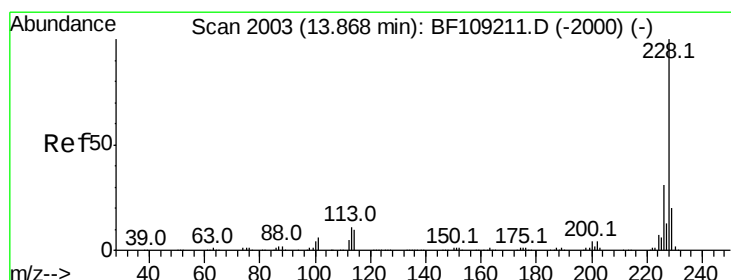
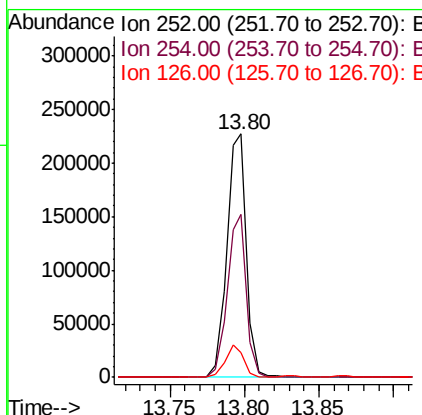
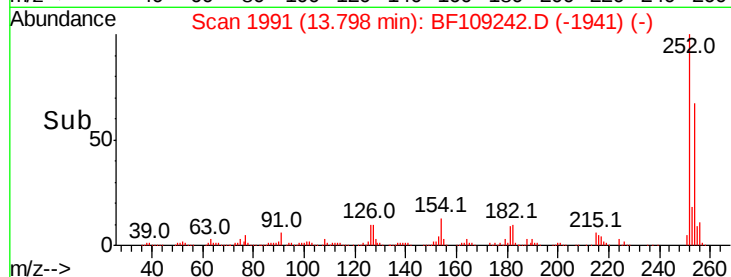
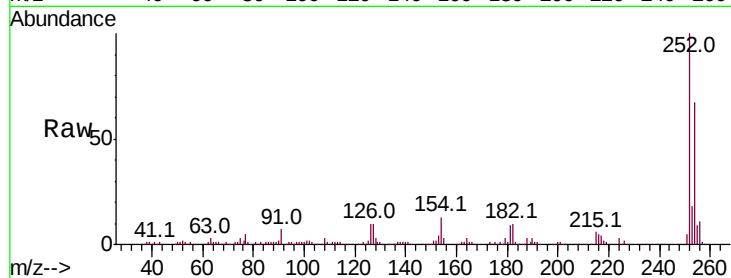
#81  
 3,3'-Dichlorobenzidine  
 Concen: 44.534 ng  
 RT: 13.80 min Scan# 1991  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 210374 |       |       |
| 254     | 67.0  | 50.4   | 75.6  |       |
| 126     | 10.1  | 11.3   | 16.9  |       |

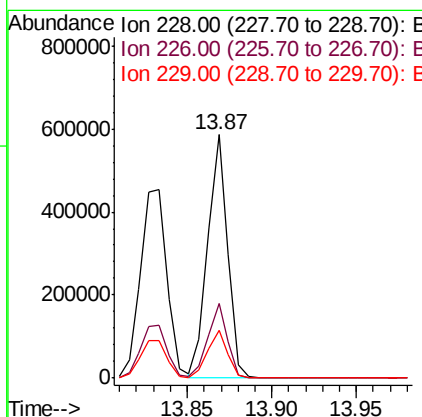
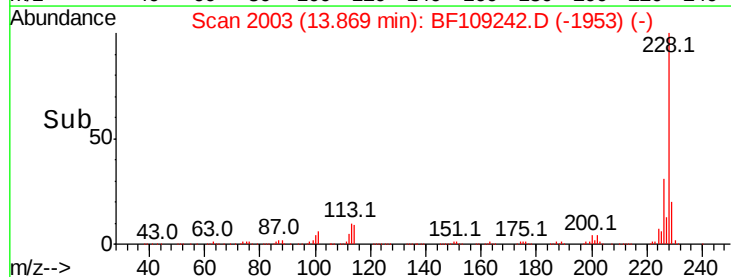
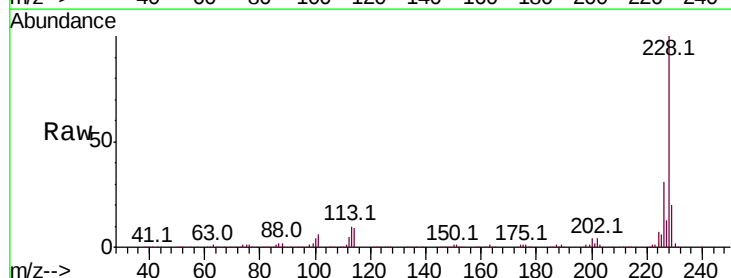
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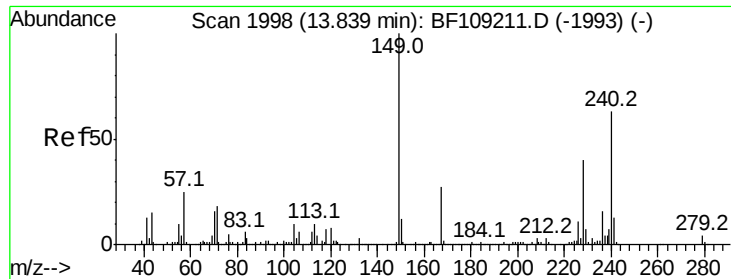
Sohil  
 9/24/2018 11:39:12 AM



#82  
 Chrysene  
 Concen: 39.293 ng  
 RT: 13.87 min Scan# 2003  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 484098 |       |       |
| 226     | 30.5  | 25.0   | 37.6  |       |
| 229     | 19.7  | 16.2   | 24.4  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.439 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 336775

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

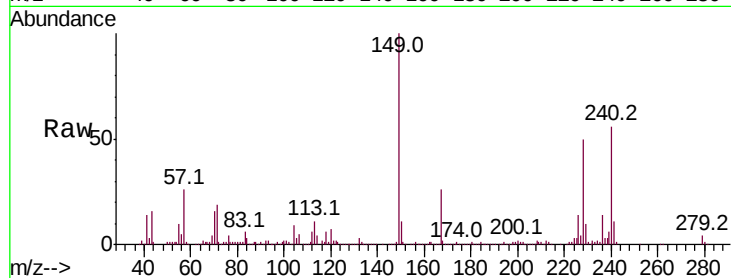
279 4.0 3.0 4.4

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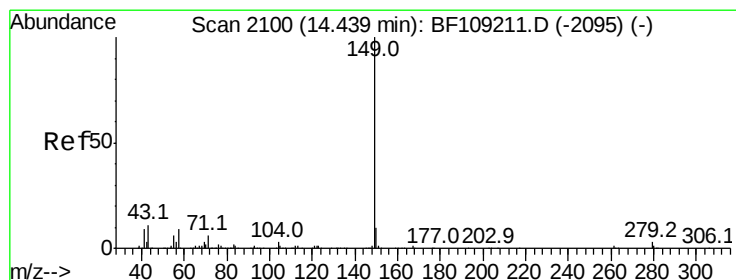
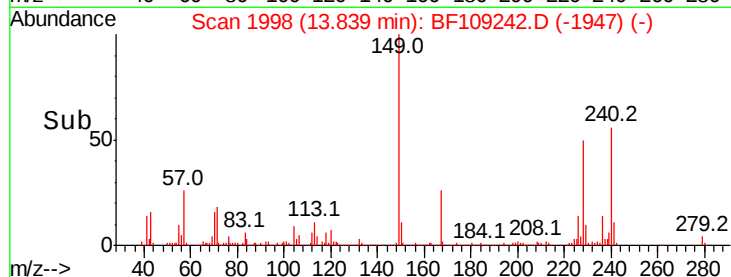
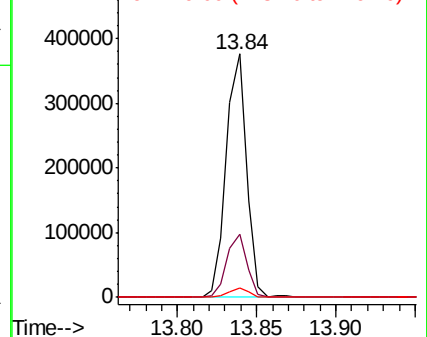
9/24/2018 11:39:12 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.259 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF109242.D

Acq: 23 Sep 2018 00:37

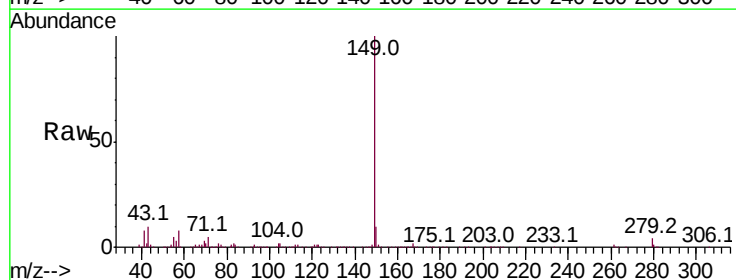
Tgt Ion:149 Resp: 614080

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

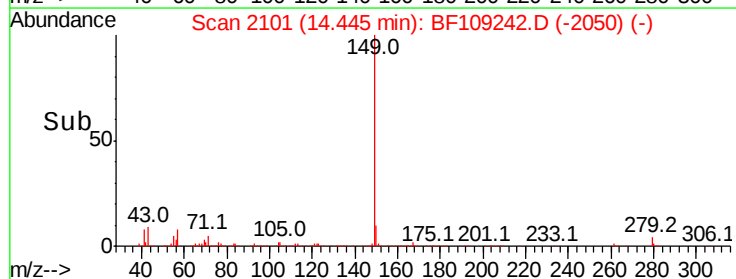
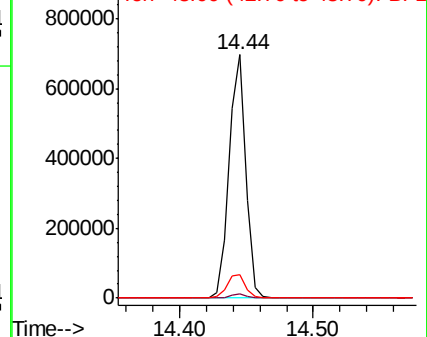
43 10.2 8.4 12.6

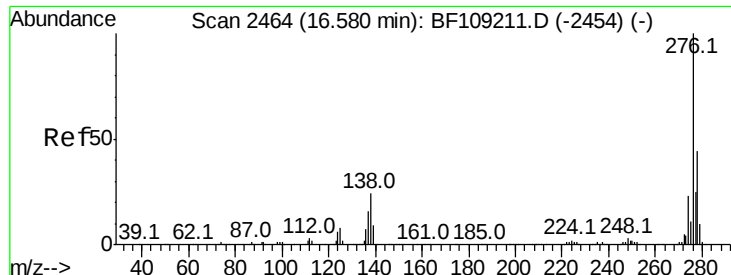


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





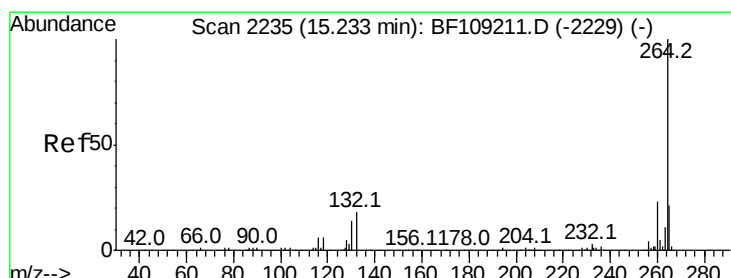
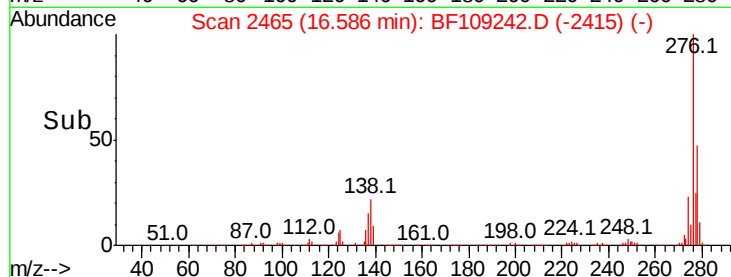
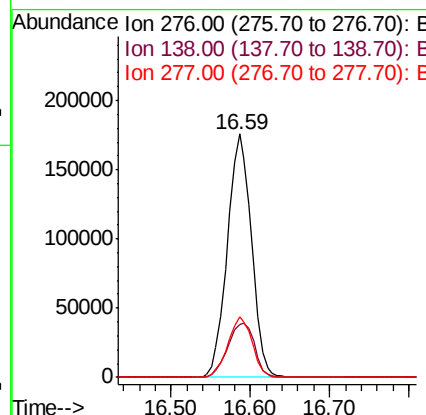
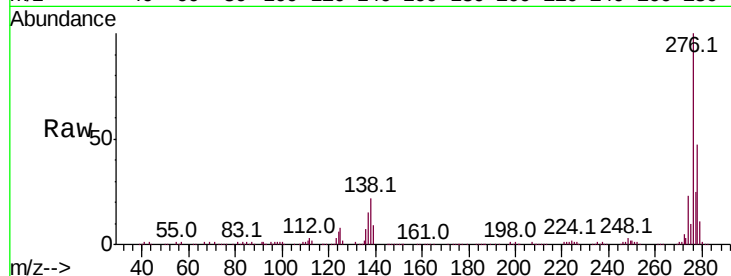
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.991 ng  
 RT: 16.59 min Scan# 2465  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.8  | 25.0  | 37.6# |
| 277     | 25.1  | 20.1  | 30.1  |

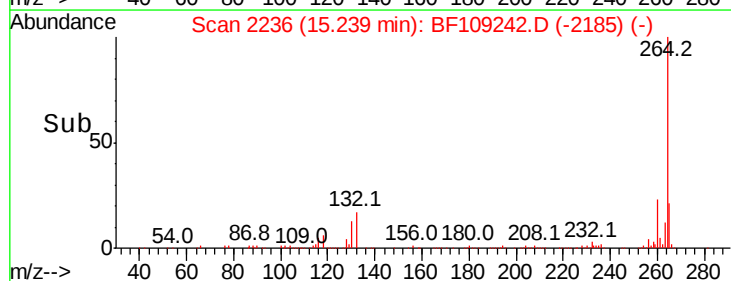
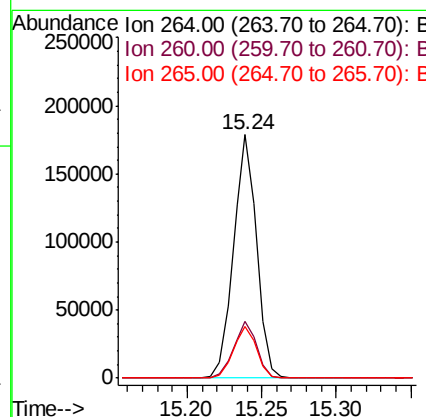
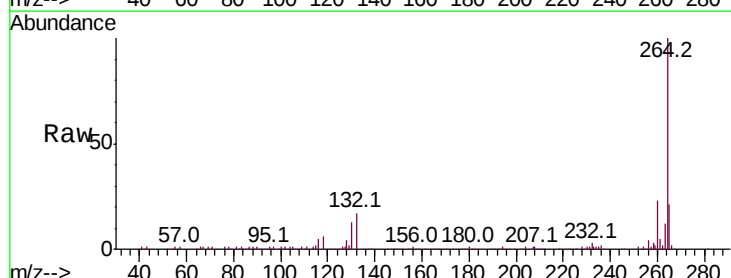
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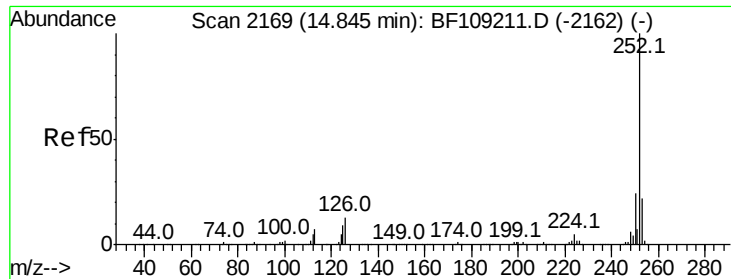
Sohil  
 9/24/2018 11:39:12 AM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.24 min Scan# 2236  
 Delta R.T. 0.00 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 19.2  | 28.8  |
| 265     | 21.4  | 17.5  | 26.3  |





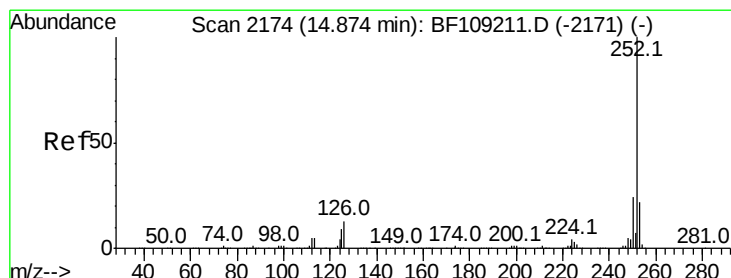
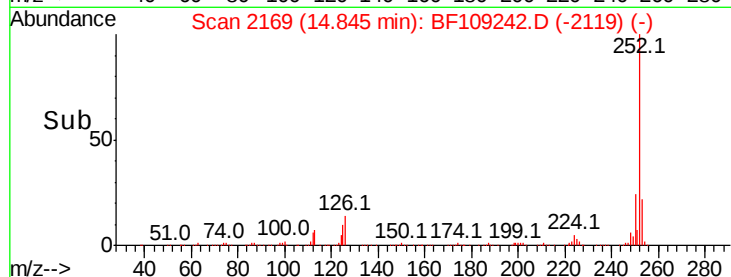
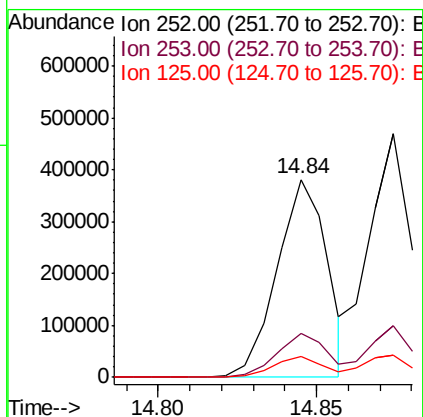
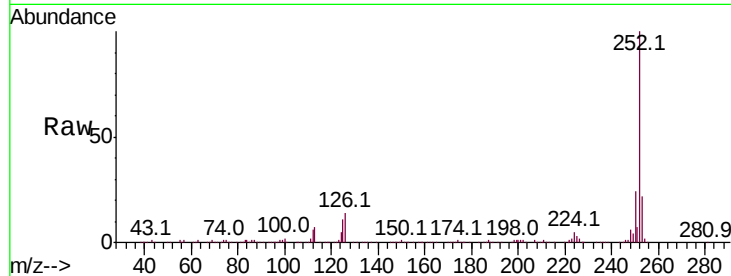
#87  
Benzo(b)fluoranthene  
Concen: 39.225 ng  
RT: 14.84 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.0  | 25.6  |
| 125     | 10.6  | 9.0   | 13.6  |

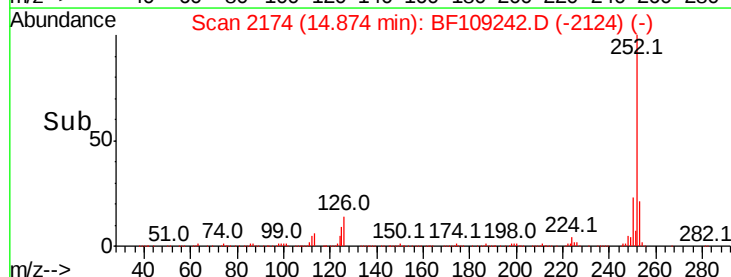
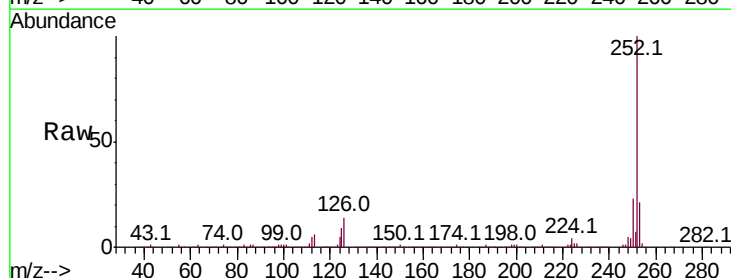
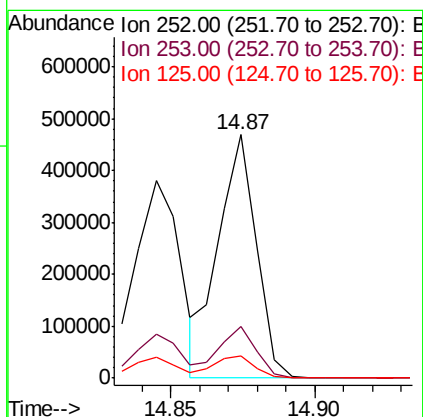
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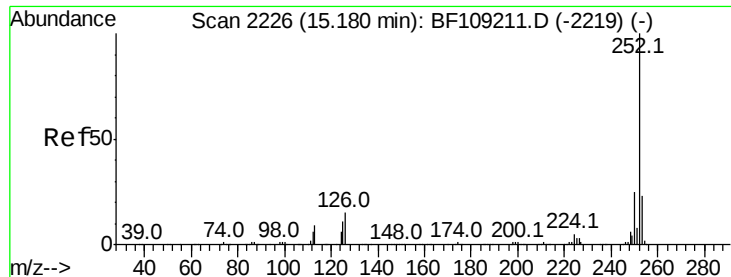
Sohil  
9/24/2018 11:39:12 AM



#88  
Benzo(k)fluoranthene  
Concen: 42.476 ng m  
RT: 14.87 min Scan# 2174  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.0  | 17.9  | 26.9  |
| 125     | 9.0   | 10.2  | 15.2# |





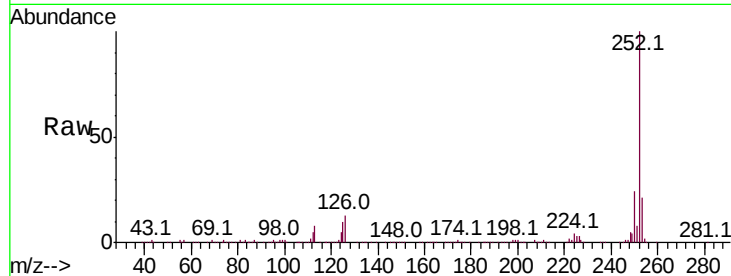
#89  
Benzo(a)pyrene  
Concen: 40.194 ng  
RT: 15.19 min Scan# 2227  
Delta R.T. 0.00 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

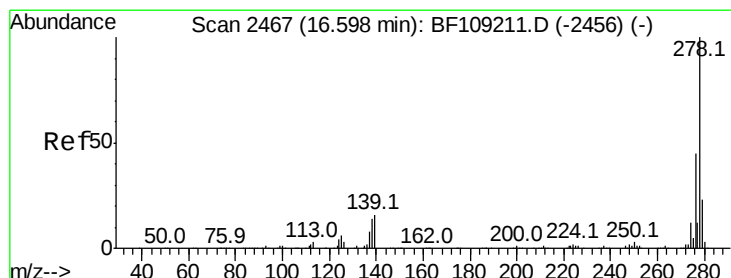
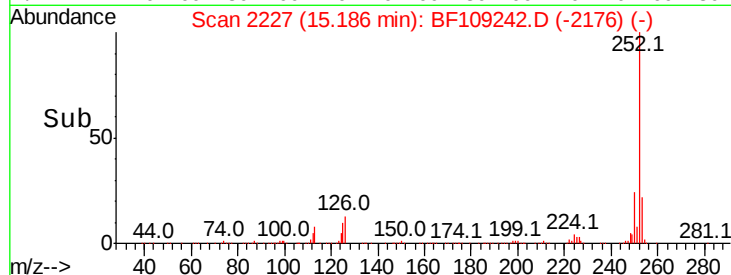
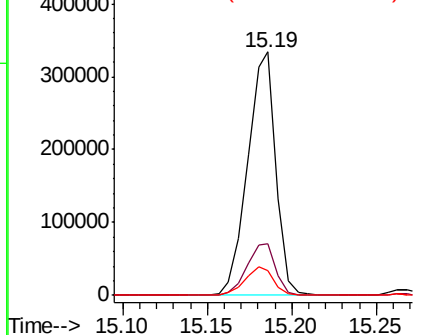
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.1  | 25.7  |
| 125     | 10.0  | 9.8   | 14.6  |

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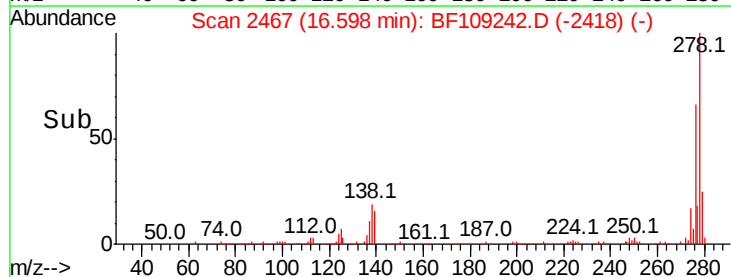
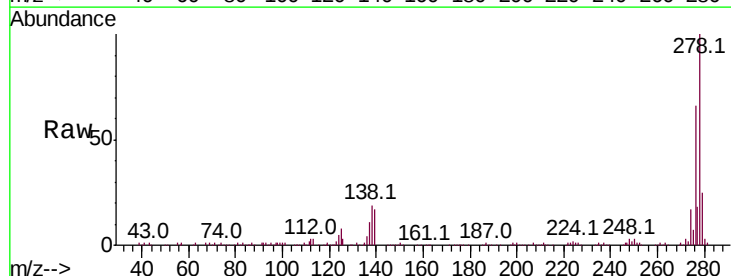
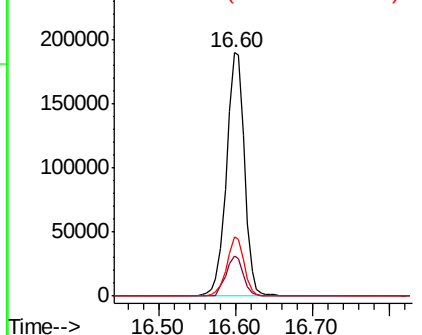
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

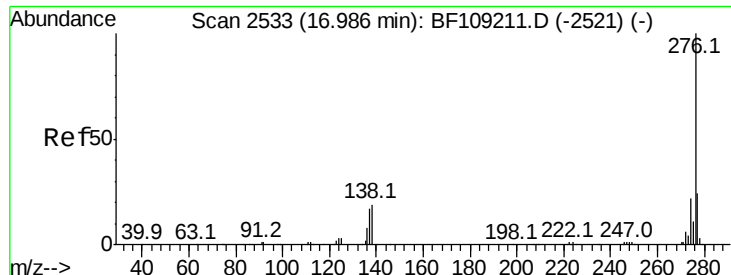


#90  
Dibenzo(a,h)anthracene  
Concen: 39.309 ng  
RT: 16.60 min Scan# 2467  
Delta R.T. -0.01 min  
Lab File: BF109242.D  
Acq: 23 Sep 2018 00:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.5  | 15.9  | 23.9  |
| 279     | 24.6  | 19.0  | 28.4  |

Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 37.342 ng  
 RT: 16.99 min Scan# 2533  
 Delta R.T. -0.01 min  
 Lab File: BF109242.D  
 Acq: 23 Sep 2018 00:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 290728 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.6  | 17.9  | 26.9   |
| 138       | 21.7  | 21.8  | 32.8#  |

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 9/24/2018 11:39:12 AM

