

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\  
 Data File : BF110040.D  
 Acq On : 22 Oct 2018 10:58  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 10/23/2018 2:18:30 PM

Quant Time: Oct 22 11:34:25 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 16 14:58:24 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 163689   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.26  | 136  | 677218   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 10.02 | 164  | 319498   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.50 | 188  | 591065   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 14.15 | 240  | 397863   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.67 | 264  | 331250   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.59  | 112 | 809715  | 78.41 | ng | -0.01 |
| 7) Phenol-d6             | 6.59  | 99  | 1004328 | 78.32 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 919902  | 91.50 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.80 | 330 | 235708  | 85.21 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 9.33  | 172 | 1638852 | 81.85 | ng | -0.01 |
| 79) Terphenyl-d14        | 13.09 | 244 | 1598246 | 84.36 | ng | -0.02 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.82 | 88  | 214657  | 36.599 | ng | 91     |
| 3) Pyridine                    | 3.59 | 79  | 488389  | 37.350 | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.56 | 42  | 201799  | 37.832 | ng | # 95   |
| 6) Aniline                     | 6.63 | 93  | 669492  | 38.743 | ng | # 53   |
| 8) 2-Chlorophenol              | 6.75 | 128 | 462342  | 39.970 | ng | 95     |
| 9) Benzaldehyde                | 6.52 | 77  | 313516  | 37.624 | ng | 96     |
| 10) Phenol                     | 6.60 | 94  | 544031  | 39.296 | ng | # 63   |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 444810  | 38.426 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.91 | 146 | 507540  | 40.015 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.99 | 146 | 509424  | 39.880 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.14 | 146 | 474707  | 40.356 | ng | 99     |
| 15) Benzyl Alcohol             | 7.10 | 79  | 398563  | 40.402 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45  | 728007  | 38.317 | ng | 67     |
| 17) 2-Methylphenol             | 7.21 | 107 | 364704  | 39.100 | ng | # 80   |
| 18) Hexachloroethane           | 7.48 | 117 | 187204  | 41.470 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.38 | 70  | 319653  | 38.825 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.36 | 107 | 465541  | 39.331 | ng | # 87   |
| 22) Acetophenone               | 7.38 | 105 | 619321  | 39.434 | ng | # 98   |
| 24) Nitrobenzene               | 7.56 | 77  | 474596  | 43.457 | ng | 91     |
| 25) Isophorone                 | 7.79 | 82  | 751829  | 38.061 | ng | 97     |
| 26) 2-Nitrophenol              | 7.87 | 139 | 223707  | 49.404 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 367086  | 38.581 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93  | 521617  | 38.477 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 376868  | 40.831 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.19 | 180 | 425677  | 41.189 | ng | 95     |
| 31) Naphthalene                | 8.27 | 128 | 1232181 | 39.678 | ng | 99     |
| 32) Benzoic acid               | 7.98 | 122 | 97873   | 16.510 | ng | 89     |
| 33) 4-Chloroaniline            | 8.32 | 127 | 555896  | 39.821 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.39 | 225 | 233949  | 41.052 | ng | 100    |
| 35) Caprolactam                | 8.69 | 113 | 118818  | 36.247 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 8.79 | 107 | 396241  | 40.694 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.97 | 142 | 814690  | 40.514 | ng | 97     |
| 38) 1-Methylnaphthalene        | 9.07 | 142 | 769347  | 39.483 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 393906  | 40.027 | ng | 98     |

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

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040

Manual Integrations  
 APPROVED

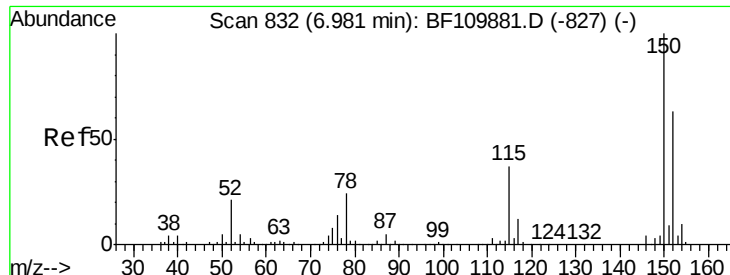
Sohil  
 10/23/2018 2:18:30 PM

Quant Time: Oct 22 11:34:25 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 16 14:58:24 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.12  | 237  | 196457   | 41.361 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.24  | 196  | 253067   | 41.126 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.28  | 196  | 263200   | 41.212 | nq    | 95       |
| 46) 1,1'-Biphenyl              | 9.43  | 154  | 1138368  | 39.990 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.46  | 162  | 832257   | 39.692 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.55  | 65   | 257771   | 47.904 | nq    | 98       |
| 49) Acenaphthylene             | 9.87  | 152  | 1197408  | 39.310 | nq    | 97       |
| 50) Dimethylphthalate          | 9.73  | 163  | 895350   | 39.576 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.79  | 165  | 199609   | 46.454 | nq    | 97       |
| 52) Acenaphthene               | 10.05 | 154  | 777184   | 40.076 | nq    | 98       |
| 53) 3-Nitroaniline             | 9.96  | 138  | 238429   | 45.615 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 10.07 | 184  | 44808    | 37.998 | nq    | # 78     |
| 55) Dibenzofuran               | 10.22 | 168  | 1107427  | 40.041 | nq    | 97       |
| 56) 4-Nitrophenol              | 10.11 | 139  | 167478   | 41.992 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 10.20 | 165  | 259590   | 47.842 | nq    | # 83     |
| 58) Fluorene                   | 10.56 | 166  | 813889   | 40.426 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 206056m  | 40.711 | nq    |          |
| 60) Diethylphthalate           | 10.43 | 149  | 868941   | 38.888 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.55 | 204  | 422074   | 40.246 | nq    | 98       |
| 62) 4-Nitroaniline             | 10.58 | 138  | 228924   | 46.267 | nq    | 93       |
| 63) Azobenzene                 | 10.71 | 77   | 886316   | 37.969 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 87896    | 42.193 | nq    | 87       |
| 66) n-Nitrosodiphenylamine     | 10.67 | 169  | 776250   | 39.431 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 11.05 | 248  | 256677   | 40.071 | nq    | 96       |
| 68) Hexachlorobenzene          | 11.11 | 284  | 268825   | 39.355 | nq    | # 92     |
| 69) Atrazine                   | 11.19 | 200  | 248047   | 40.338 | nq    | 100      |
| 70) Pentachlorophenol          | 11.30 | 266  | 142898   | 36.759 | nq    | 98       |
| 71) Phenanthrene               | 11.53 | 178  | 1201899  | 39.278 | nq    | 100      |
| 72) Anthracene                 | 11.58 | 178  | 1220242  | 39.665 | nq    | 100      |
| 73) Carbazole                  | 11.73 | 167  | 1163863  | 38.495 | nq    | 99       |
| 74) Di-n-butylphthalate        | 12.05 | 149  | 1299028  | 38.499 | nq    | 100      |
| 75) Fluoranthene               | 12.72 | 202  | 1183092  | 38.703 | nq    | 99       |
| 77) Benzidine                  | 12.84 | 184  | 566370   | 37.128 | nq    | 98       |
| 78) Pyrene                     | 12.95 | 202  | 1207303  | 41.315 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.56 | 149  | 485988   | 41.136 | nq    | 99       |
| 81) Benzo(a)anthracene         | 14.14 | 228  | 925253   | 39.481 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 320019   | 38.951 | nq    | 98       |
| 83) Chrysene                   | 14.17 | 228  | 886617   | 39.747 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.11 | 149  | 642095   | 41.305 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 14.73 | 149  | 976013   | 44.533 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.23 | 276  | 820689   | 45.695 | nq    | # 94     |
| 88) Benzo(b)fluoranthene       | 15.22 | 252  | 714720   | 37.425 | nq    | 97       |
| 89) Benzo(k)fluoranthene       | 15.24 | 252  | 754356   | 40.076 | nq    | # 96     |
| 90) Benzo(a)pyrene             | 15.60 | 252  | 688603   | 39.205 | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 17.25 | 278  | 681676   | 43.793 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.70 | 276  | 681489   | 43.332 | nq    | # 94     |

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





#1

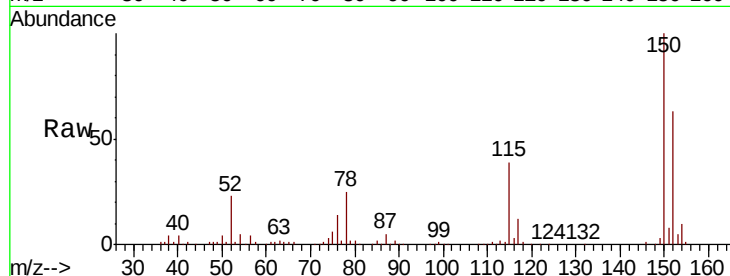
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.7 | 122.7 | 184.1 |
| 115     | 62.5  | 49.1  | 73.7  |

Manual Integrations  
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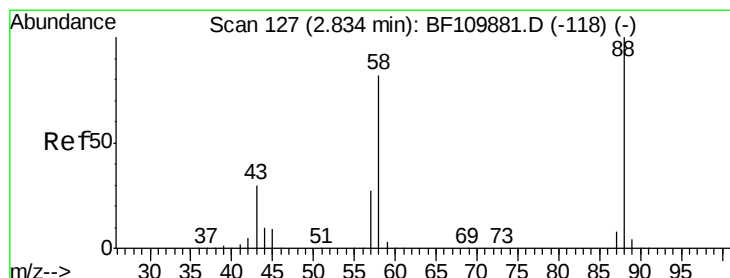
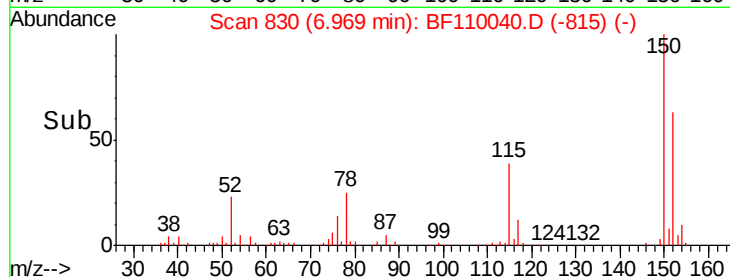
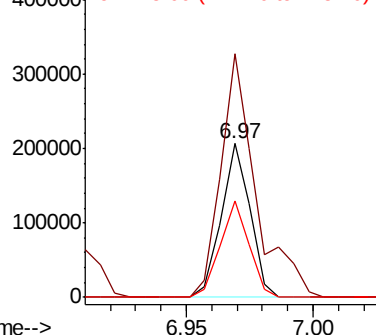


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

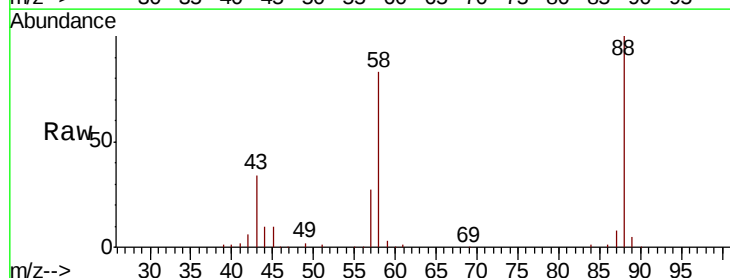
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 36.599 ng  
RT: 2.82 min Scan# 124  
Delta R.T. -0.03 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.1  | 57.1  | 85.7  |
| 43      | 31.6  | 24.1  | 36.1  |

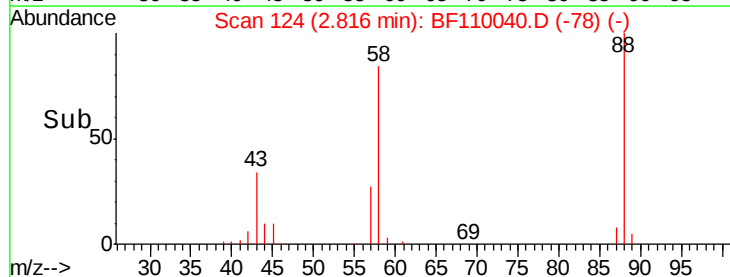
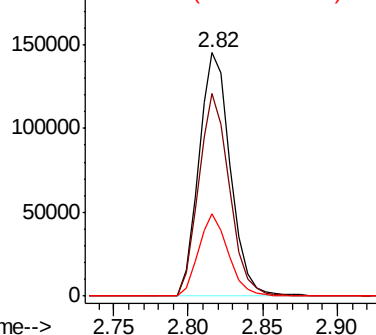


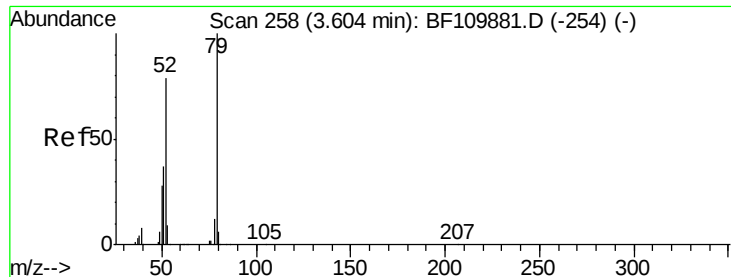
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.350 ng

RT: 3.59 min Scan# 256

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

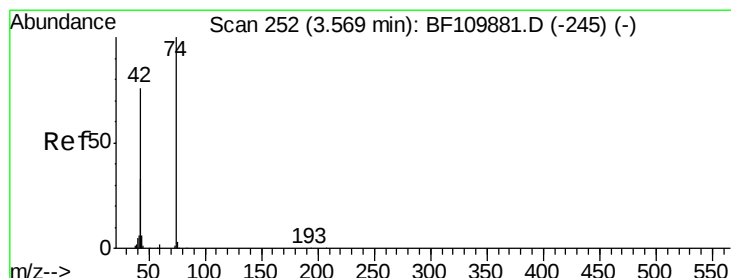
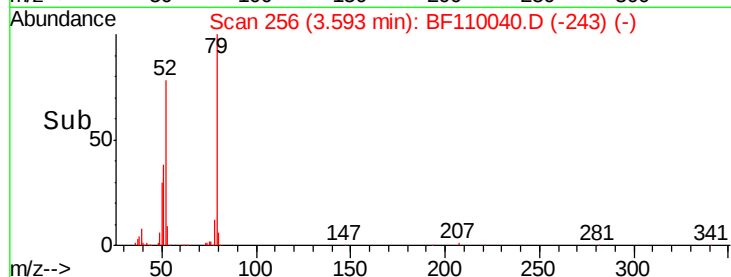
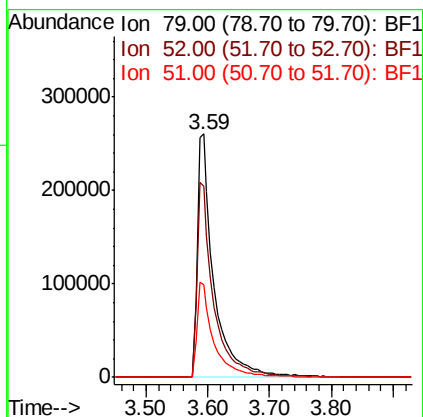
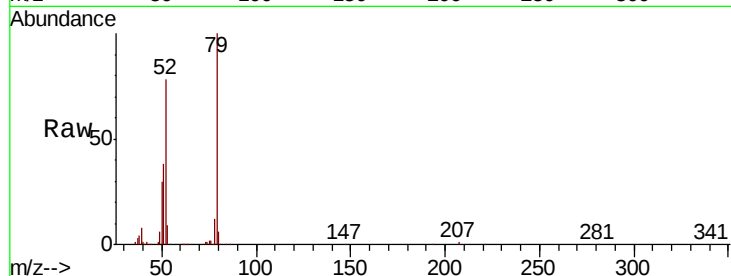
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 488389 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 78.4  | 53.1  | 79.7   |
| 51        | 38.1  | 27.4  | 41.2   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.832 ng

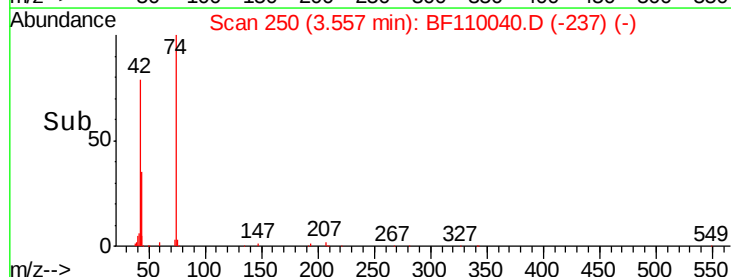
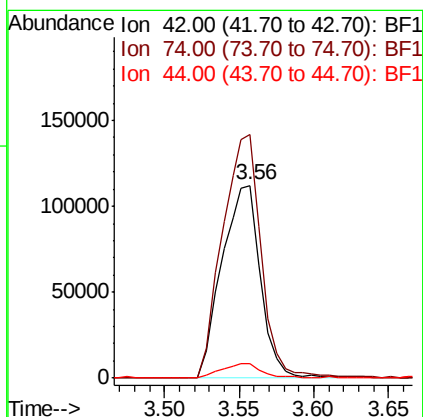
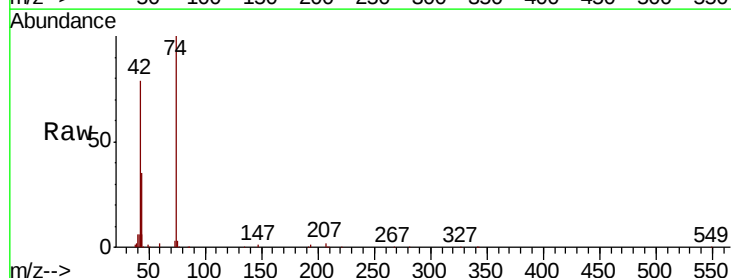
RT: 3.56 min Scan# 250

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 201799 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 126.3 | 105.5 | 158.3  |
| 44        | 7.4   | 4.9   | 7.3#   |





#5

2-Fluorophenol

Concen: 78.411 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

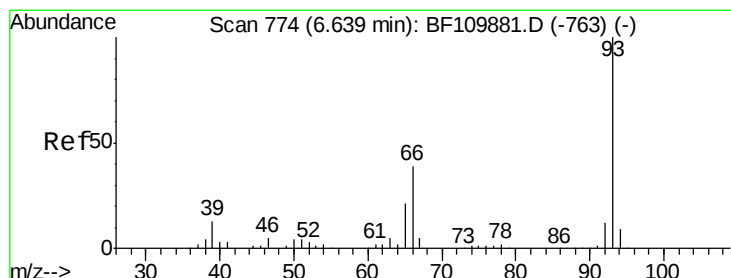
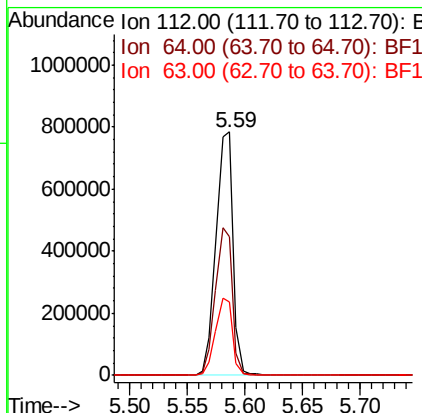
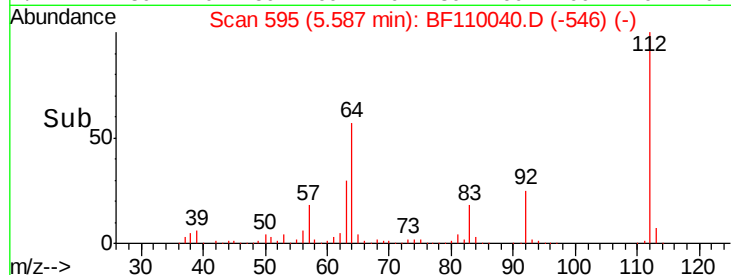
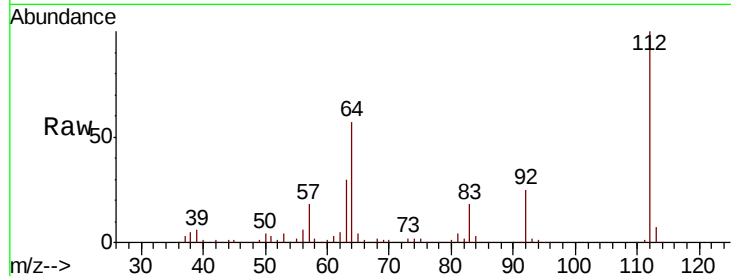
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 809715 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.9  | 44.1  | 66.1   |
| 63        | 30.3  | 23.7  | 35.5   |

Manual Integrations  
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#6

Aniline

Concen: 38.743 ng

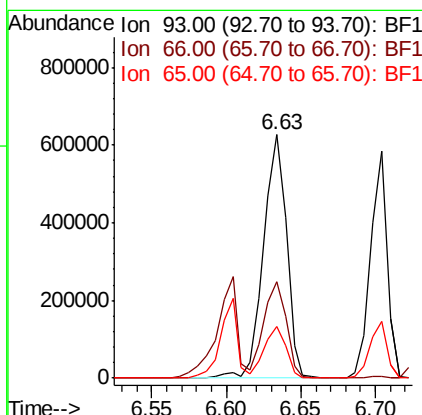
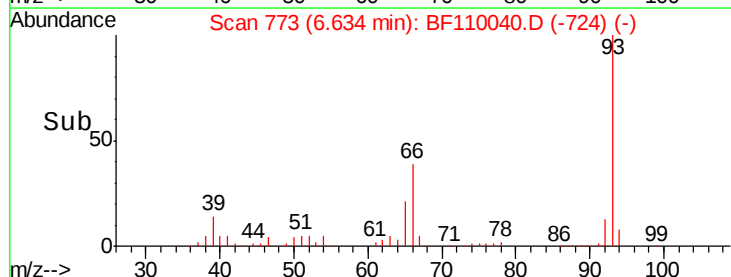
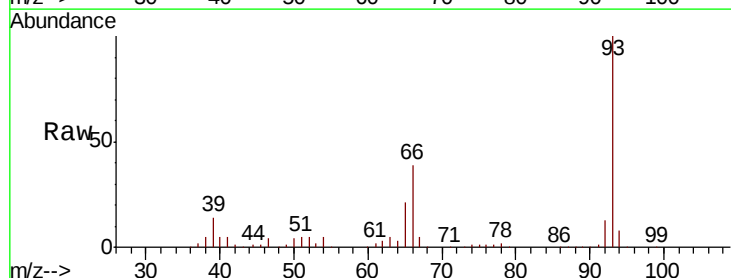
RT: 6.63 min Scan# 773

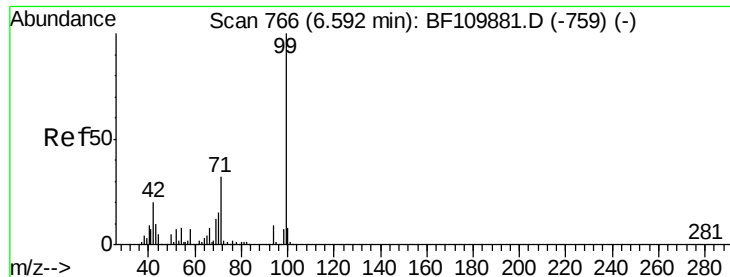
Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 669492 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.5  | 67.4  | 101.0# |
| 65        | 21.0  | 41.0  | 61.4#  |





#7

Phenol-d6

Concen: 78.324 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1004328

Ion Ratio Lower Upper

99 100

42 20.3 15.8 23.6

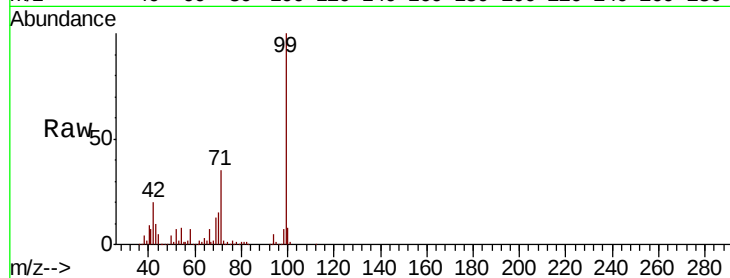
71 34.8 28.0 42.0

Manual Integrations

APPROVED

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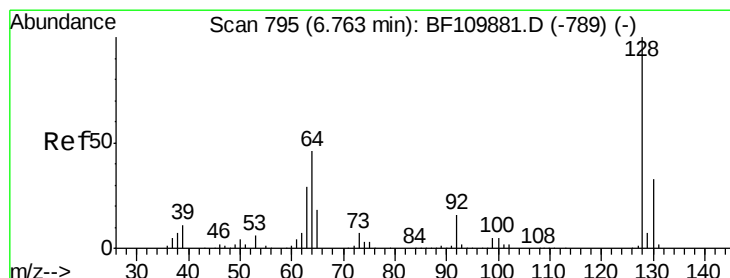
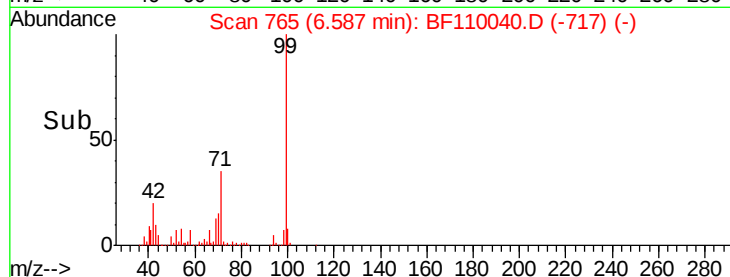
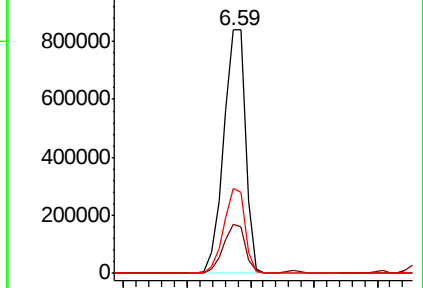
10/23/2018 2:18:30 PM



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: 39.970 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

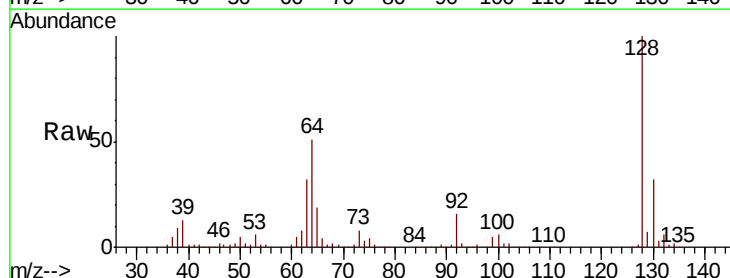
Tgt Ion: 128 Resp: 462342

Ion Ratio Lower Upper

128 100

130 31.8 13.1 53.1

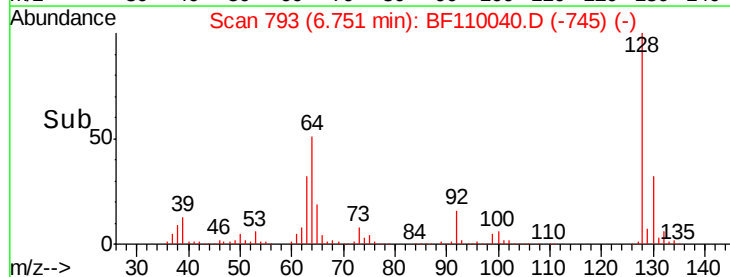
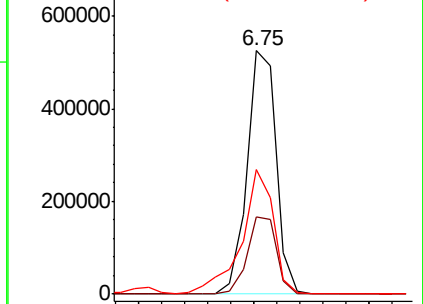
64 50.9 26.0 66.0

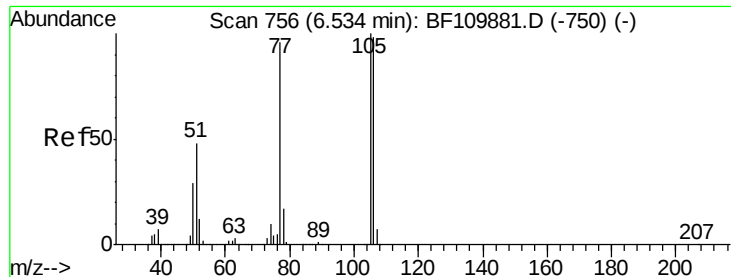


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.624 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

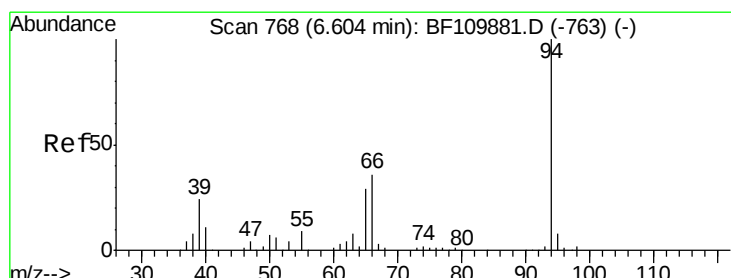
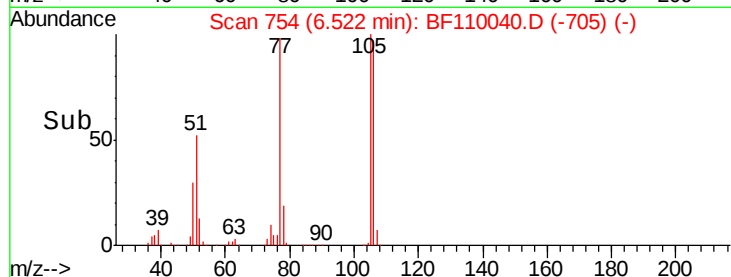
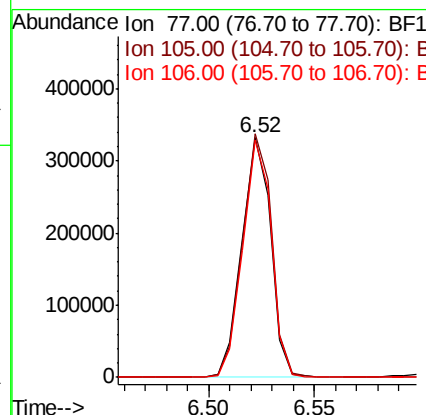
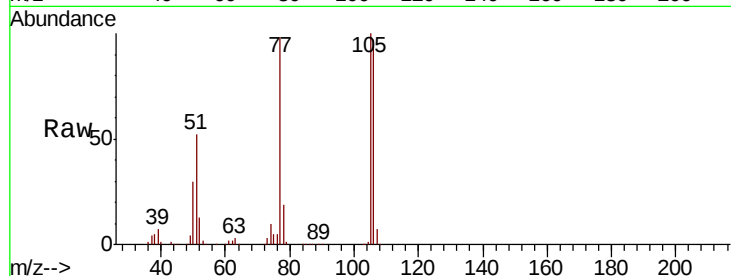
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 77      | 100   |       |       |       |       |
| 105     | 101.7 | 78.6  | 118.6 |       |       |
| 106     | 98.9  | 74.8  | 114.8 |       |       |

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#10

Phenol

Concen: 39.296 ng

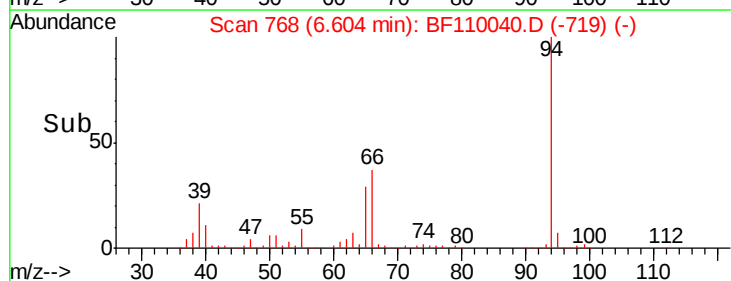
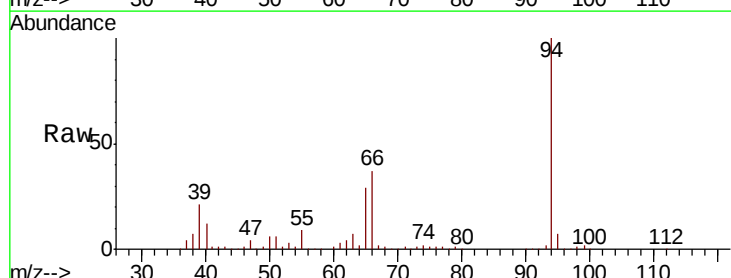
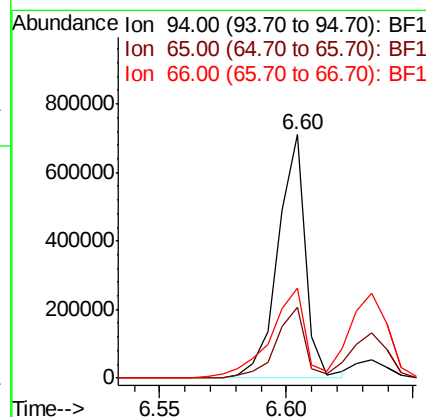
RT: 6.60 min Scan# 768

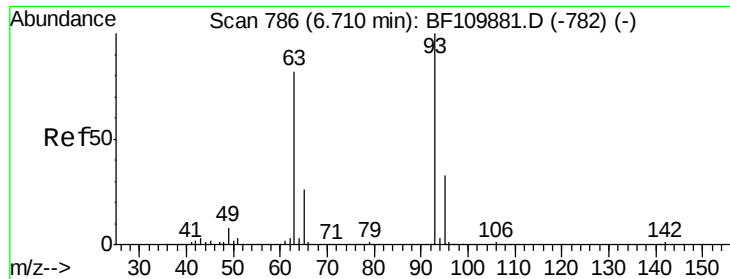
Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 94      | 100  |       |       |       |       |
| 65      | 28.9 | 25.3  | 65.3  |       |       |
| 66      | 37.0 | 54.5  | 94.5# |       |       |





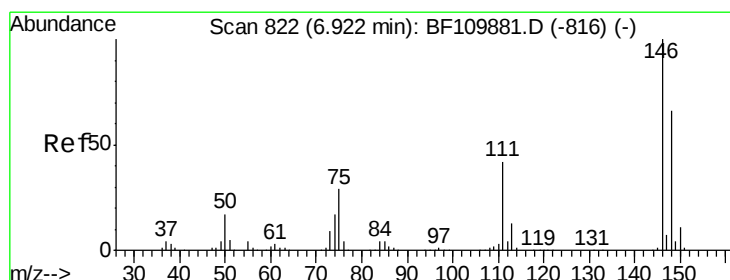
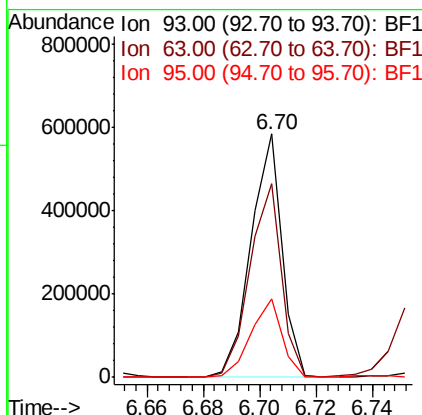
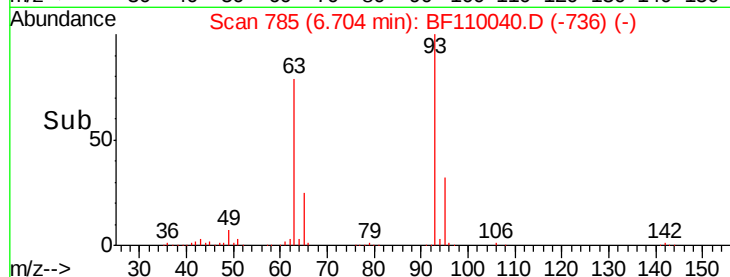
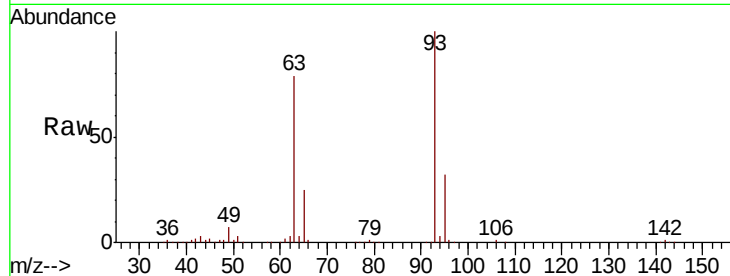
#11  
bis(2-Chloroethyl)ether  
Concen: 38.426 ng  
RT: 6.70 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 444810 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 79.4  | 53.4  | 93.4   |
| 95        | 32.4  | 12.1  | 52.1   |

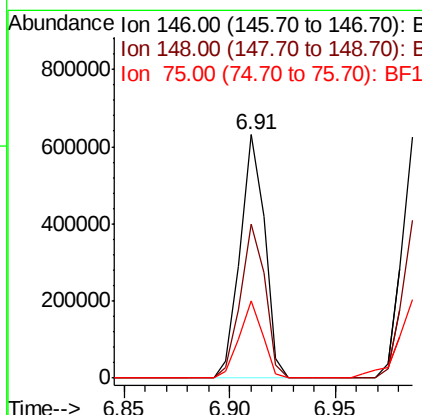
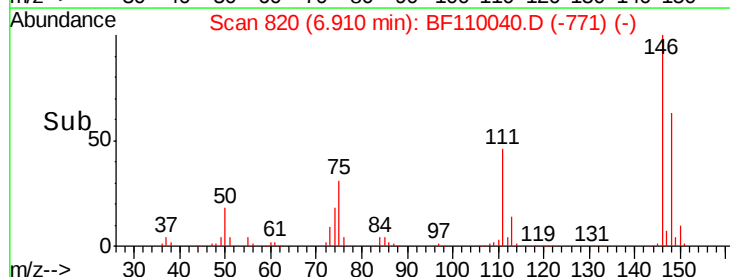
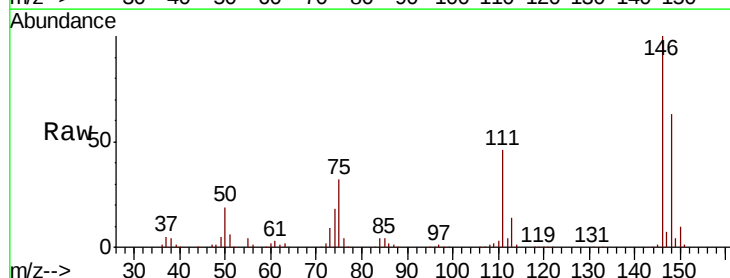
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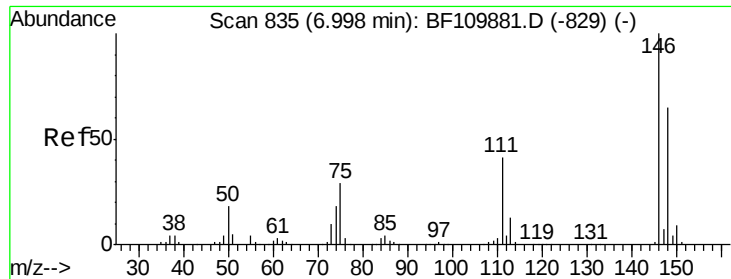
Sohil  
10/23/2018 2:18:30 PM



#12  
1,3-Dichlorobenzene  
Concen: 40.015 ng  
RT: 6.91 min Scan# 820  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 507540 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 50.4  | 75.6   |
| 75        | 31.6  | 25.8  | 38.6   |





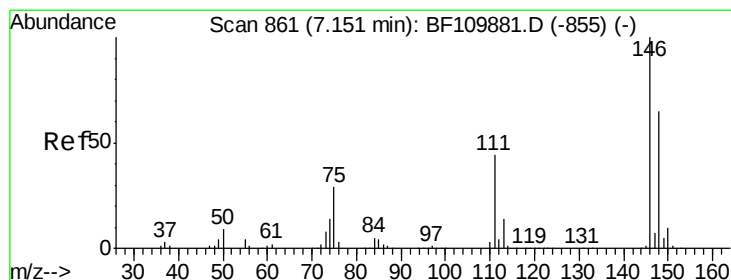
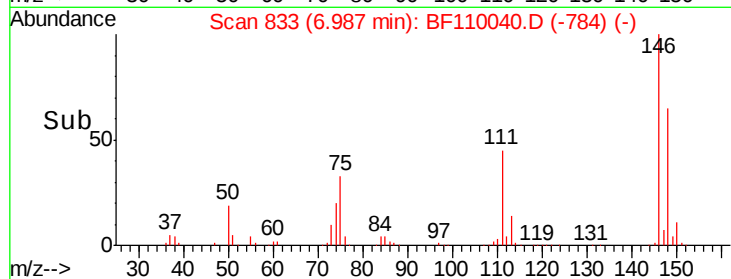
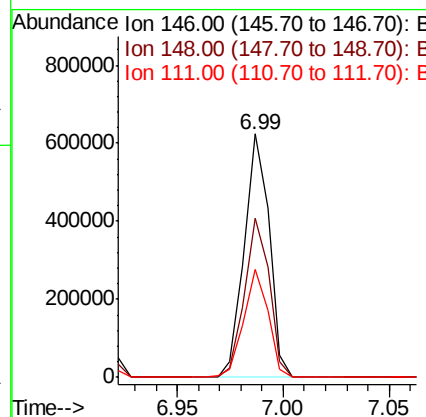
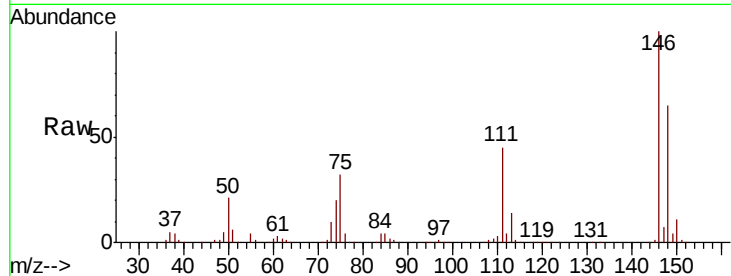
#13  
 1,4-Dichlorobenzene  
 Concen: 39.880 ng  
 RT: 6.99 min Scan# 833  
 Delta R.T. -0.01 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.4  | 50.3  | 75.5  |
| 111     | 44.5  | 32.7  | 49.1  |

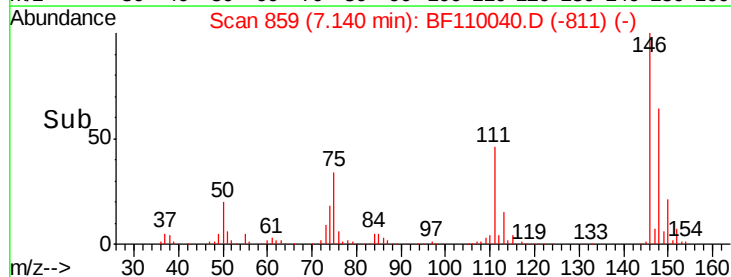
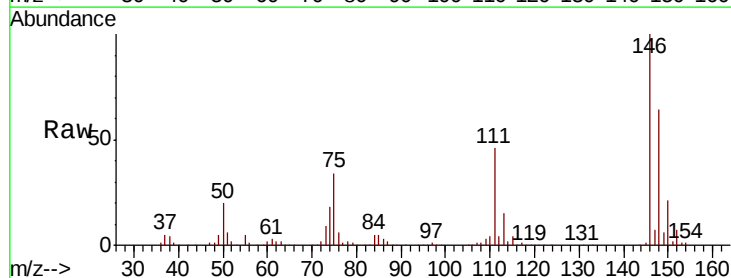
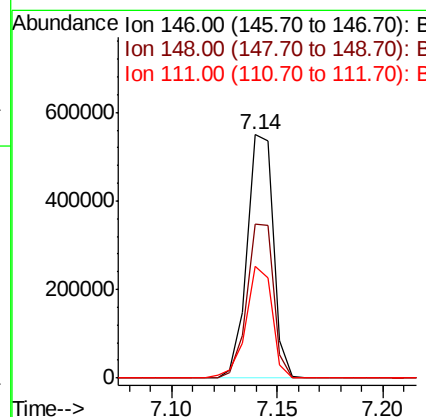
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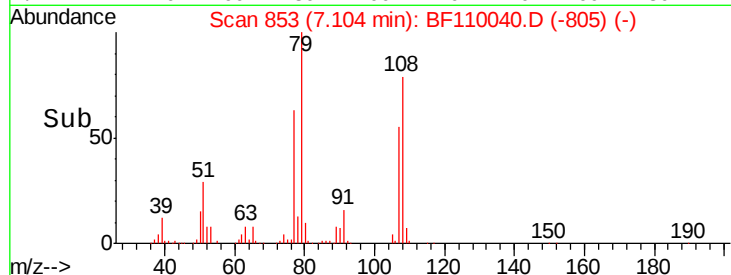
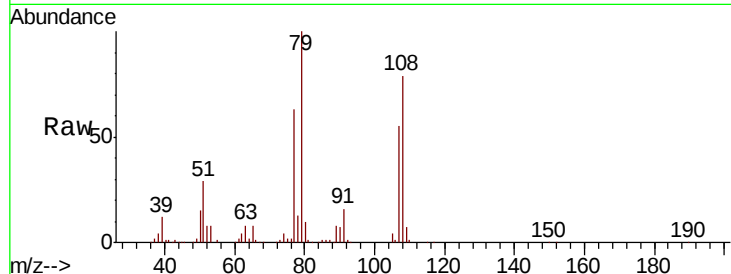
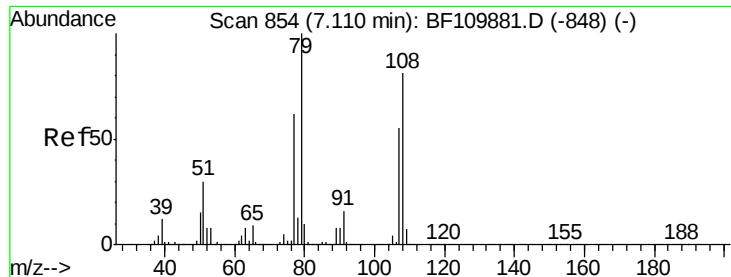
Sohil  
 10/23/2018 2:18:30 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 40.356 ng  
 RT: 7.14 min Scan# 859  
 Delta R.T. -0.02 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 51.1  | 76.7  |
| 111     | 46.1  | 35.8  | 53.6  |





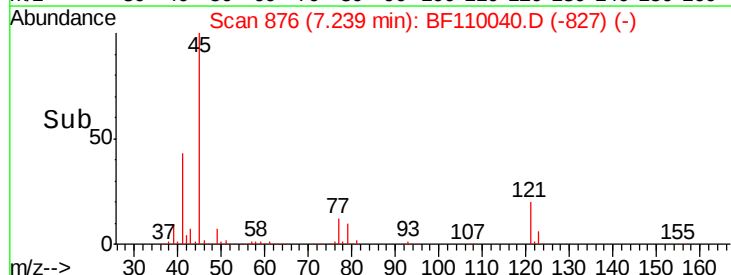
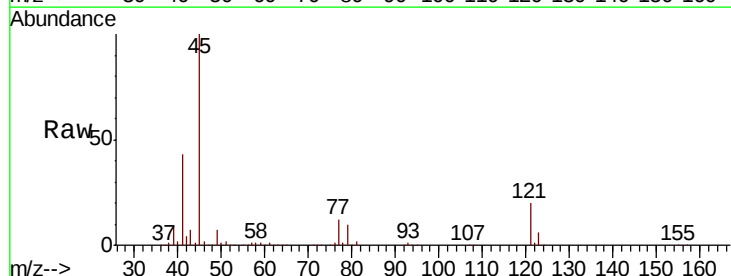
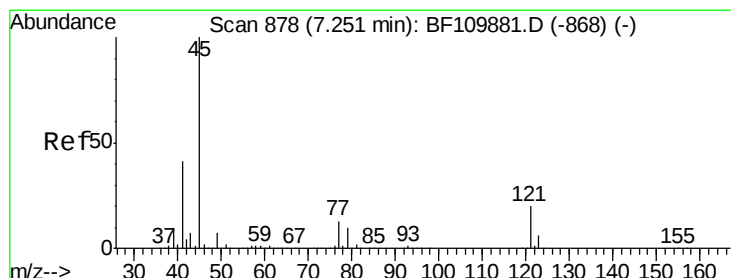
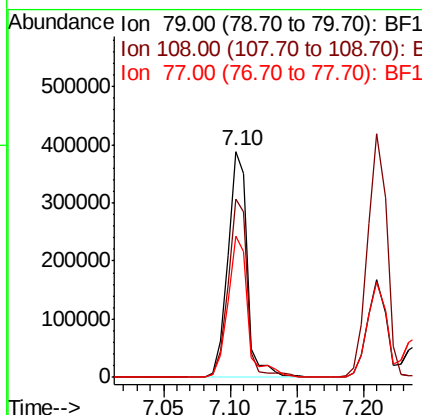
#15  
Benzyl Alcohol  
Concen: 40.402 ng  
RT: 7.10 min Scan# 853  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 108     | 78.9  | 56.3 | 84.5  |       |
| 77      | 62.8  | 52.9 | 79.3  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

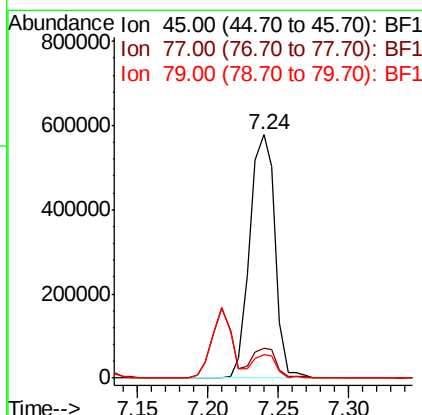
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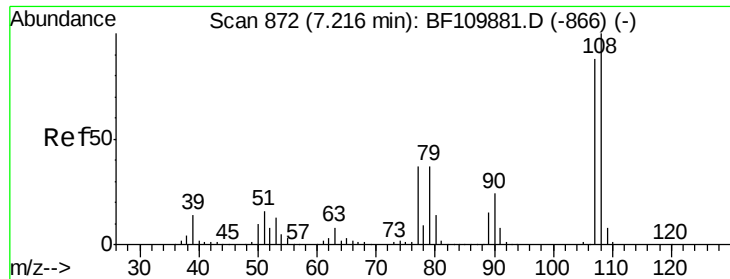
Sohil  
10/23/2018 2:18:30 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.317 ng  
RT: 7.24 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 45      | 100   |      |       |       |
| 77      | 12.1  | 10.0 | 50.0  |       |
| 79      | 9.5   | 6.1  | 46.1  |       |





#17

2-Methylphenol

Concen: 39.100 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

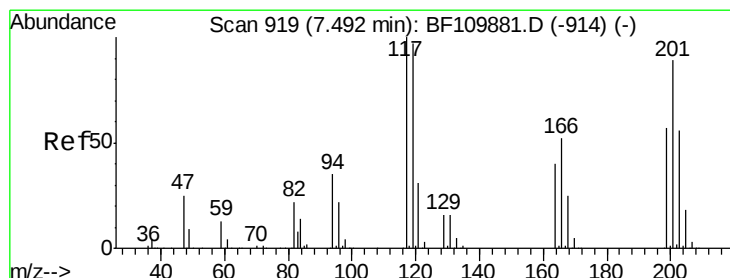
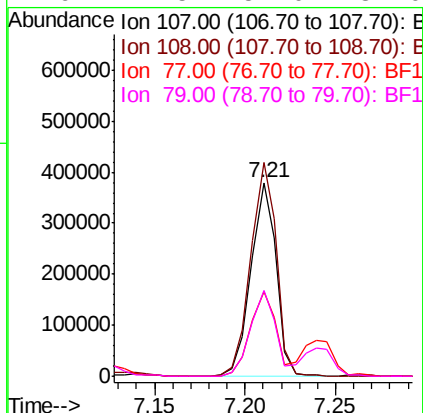
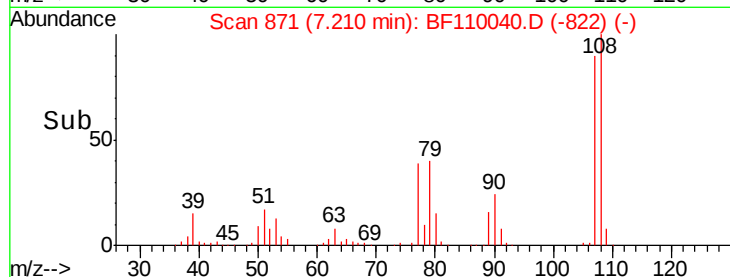
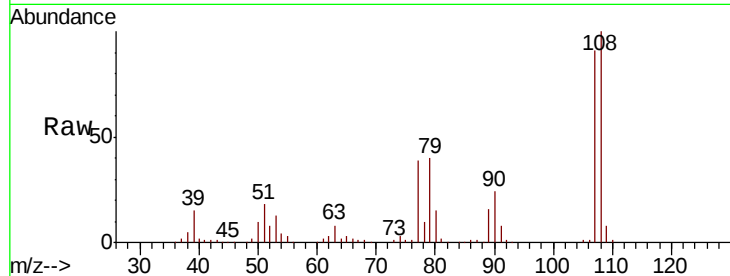
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 364704 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 110.5 | 92.6  | 138.8  |
| 77        | 43.5  | 59.4  | 89.2#  |
| 79        | 44.5  | 54.0  | 81.0#  |

Manual Integrations  
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#18

Hexachloroethane

Concen: 41.470 ng

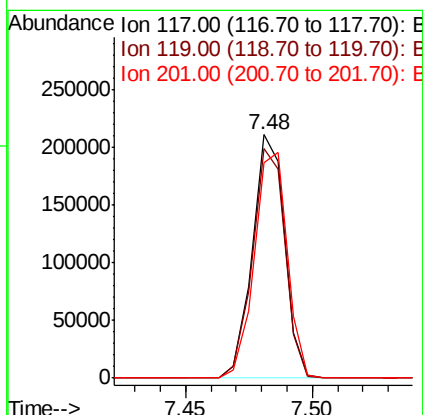
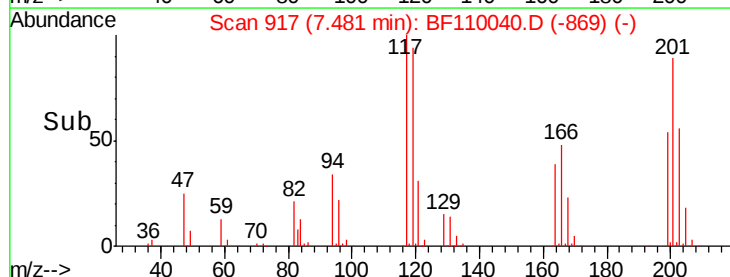
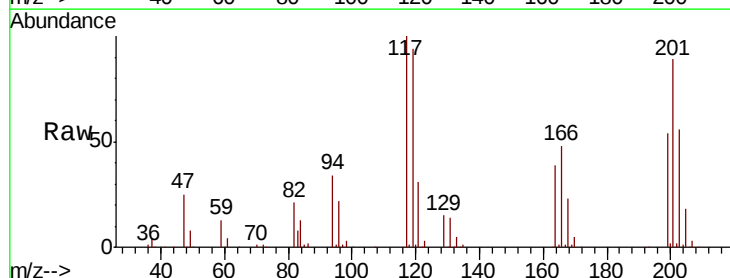
RT: 7.48 min Scan# 917

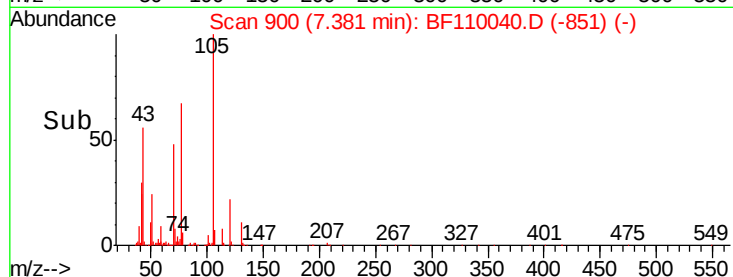
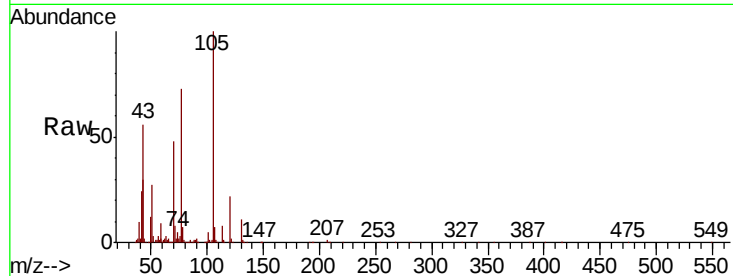
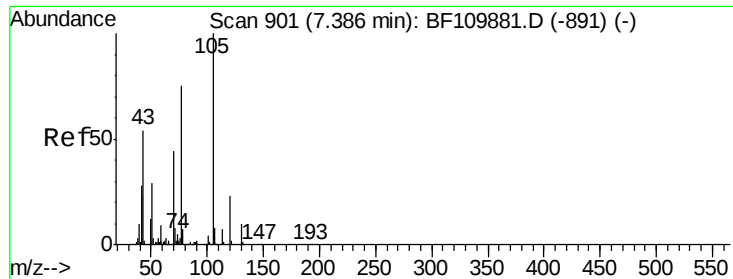
Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 187204 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.2  | 75.0  | 112.6  |
| 201       | 88.7  | 79.2  | 118.8  |





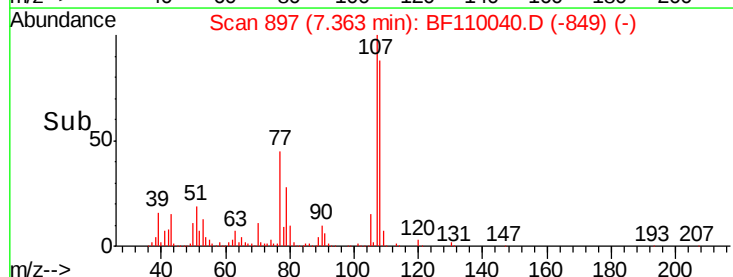
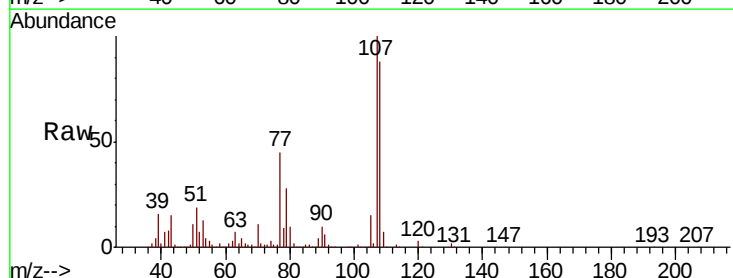
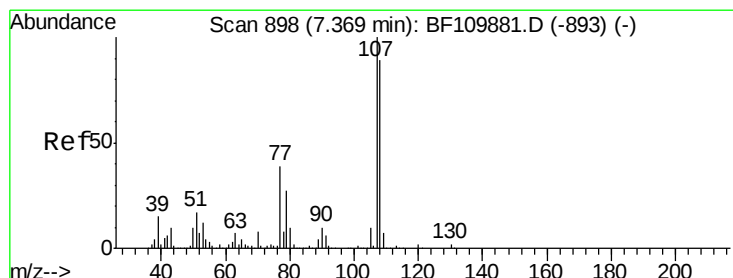
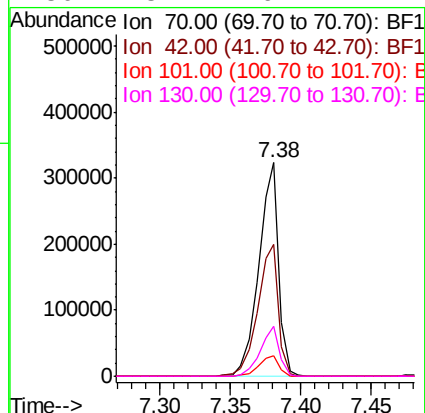
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.825 ng  
RT: 7.38 min Scan# 900  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
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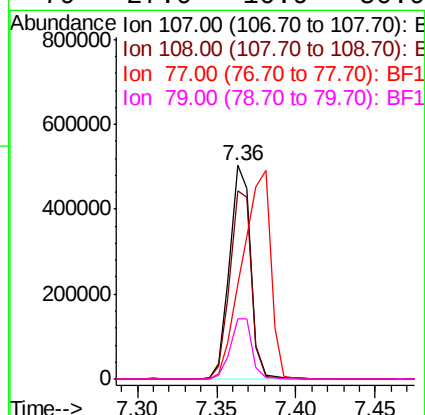
Sohil  
10/23/2018 2:18:30 PM

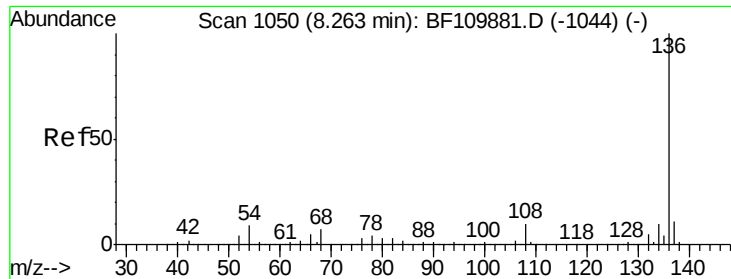
| Tot Ion   | 70    | Resp  | 319653 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 61.9  | 47.4  | 71.2   |
| 101       | 9.8   | 7.3   | 10.9   |
| 130       | 23.4  | 16.2  | 24.2   |



#20  
3+4-Methylphenols  
Concen: 39.331 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion   | 107   | Resp  | 465541 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 87.9  | 71.4  | 111.4  |
| 77        | 44.6  | 47.3  | 87.3#  |
| 79        | 27.9  | 10.9  | 50.9   |





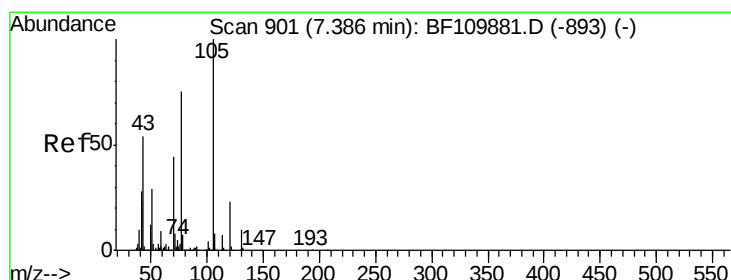
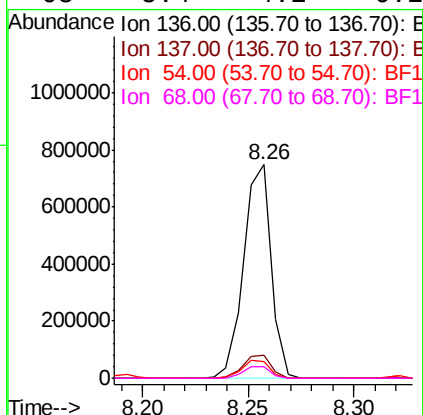
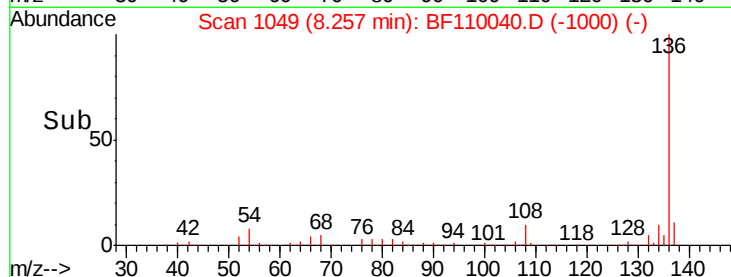
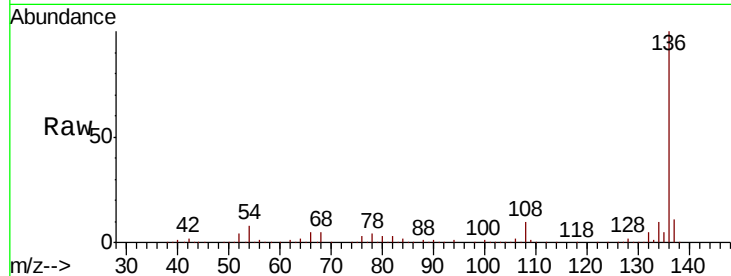
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.26 min Scan# 1049  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.9  | 8.8   | 13.2  |
| 54      | 7.6   | 5.4   | 8.2   |
| 68      | 5.4   | 4.2   | 6.2   |

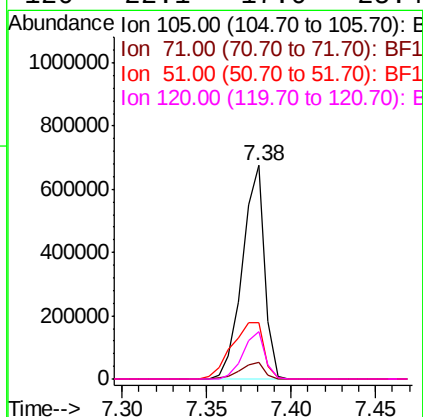
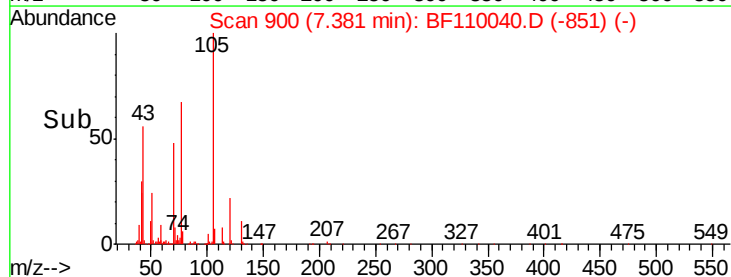
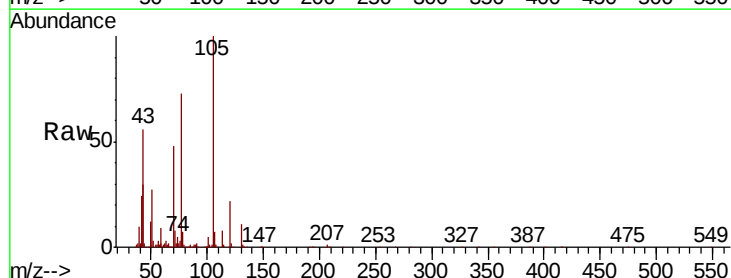
Manual Integrations  
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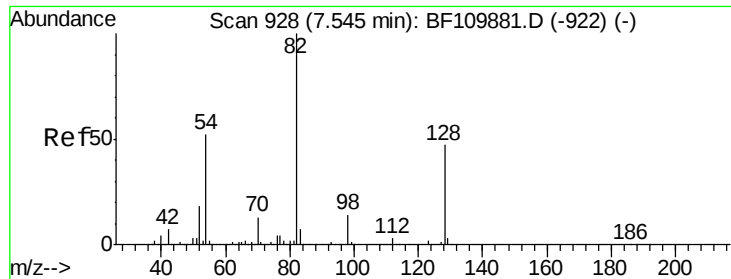
Sohil  
10/23/2018 2:18:30 PM



#22  
Acetophenone  
Concen: 39.434 ng  
RT: 7.38 min Scan# 900  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 7.9   | 5.2   | 7.8#  |
| 51      | 26.6  | 21.8  | 32.8  |
| 120     | 22.1  | 17.0  | 25.4  |





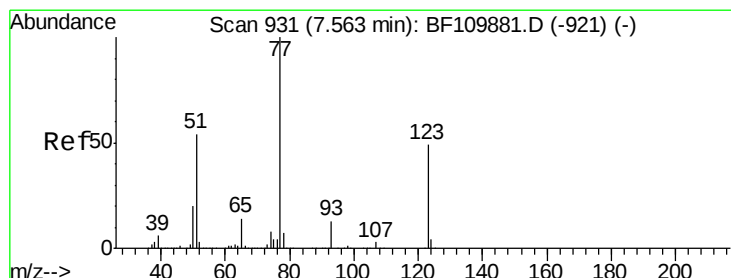
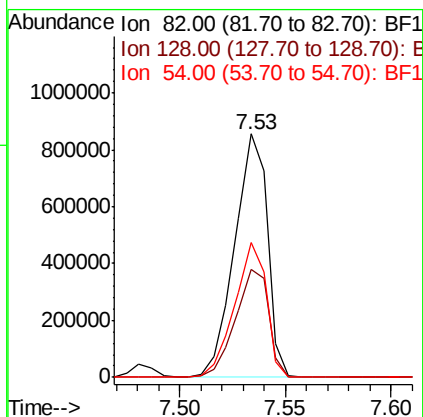
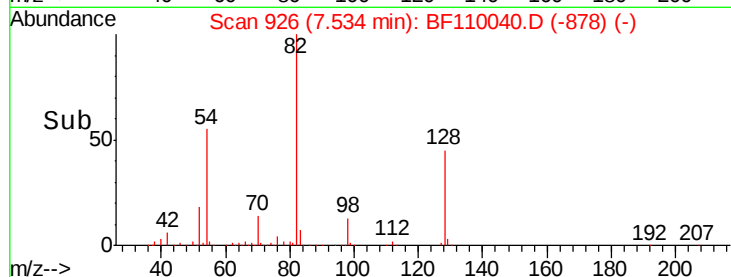
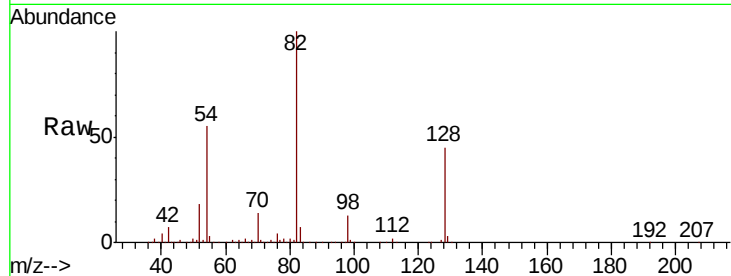
#23  
Nitrobenzene-d5  
Concen: 91.504 ng  
RT: 7.53 min Scan# 926  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.6  | 34.2  | 51.2  |
| 54      | 55.2  | 38.6  | 58.0  |

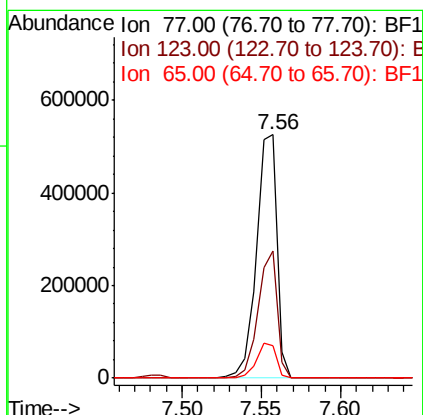
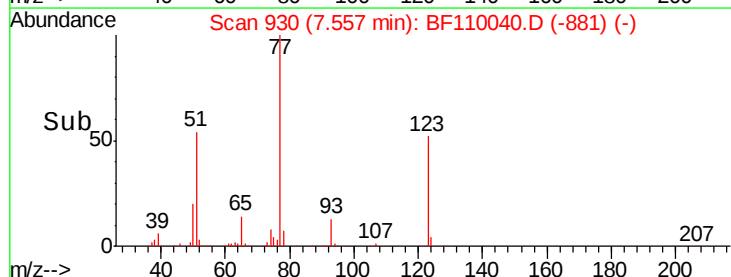
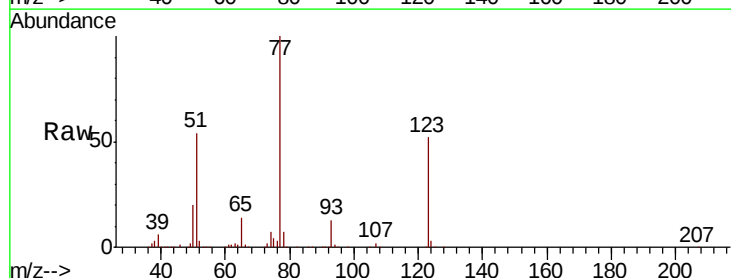
Manual Integrations  
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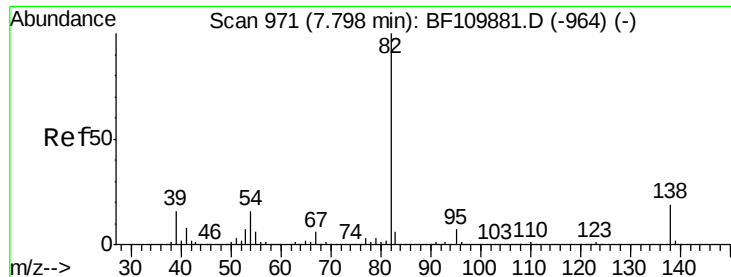
Sohil  
10/23/2018 2:18:30 PM



#24  
Nitrobenzene  
Concen: 43.457 ng  
RT: 7.56 min Scan# 930  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 52.2  | 35.7  | 53.5  |
| 65      | 13.6  | 10.7  | 16.1  |





#25

Isophorone

Concen: 38.061 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

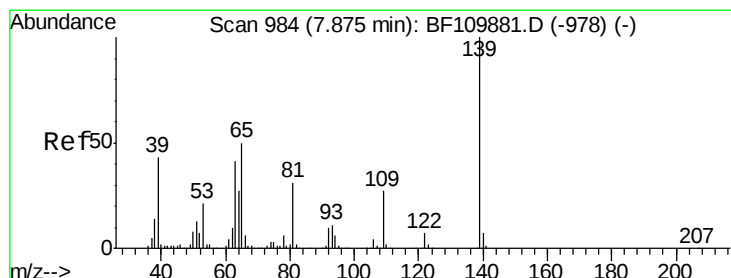
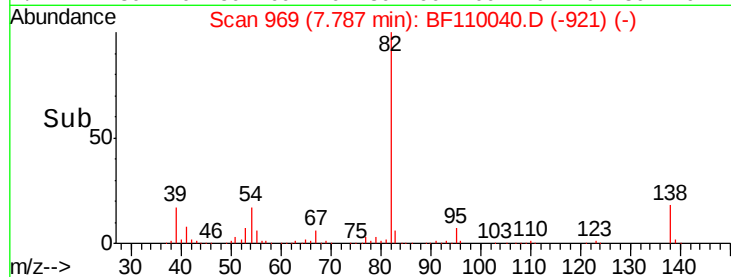
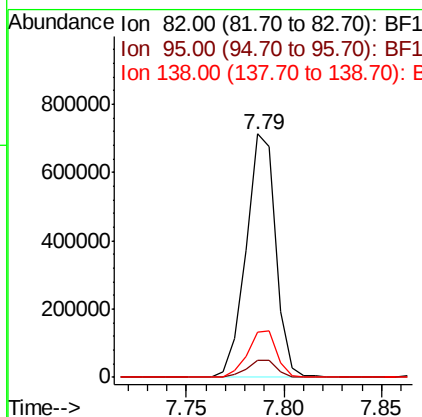
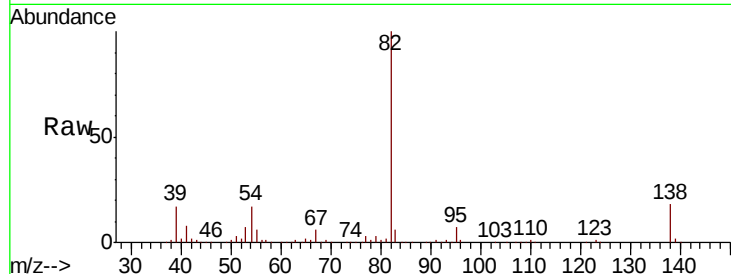
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 751829 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.7   | 8.5    |
| 138       | 18.4  | 13.2  | 19.8   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 49.404 ng

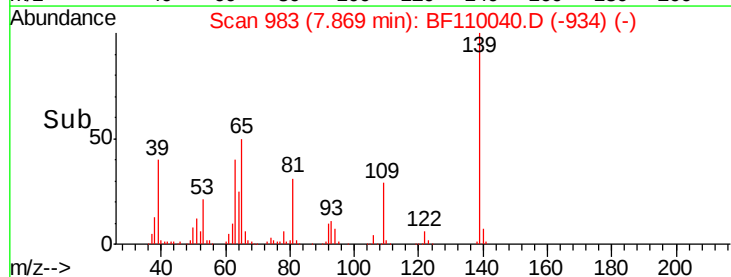
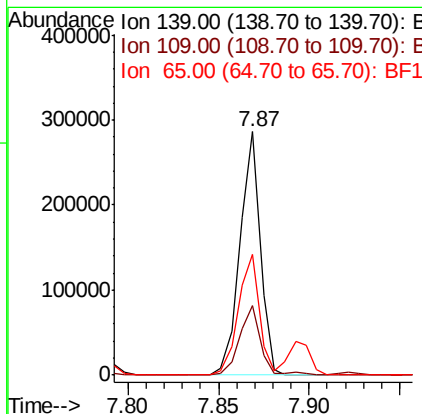
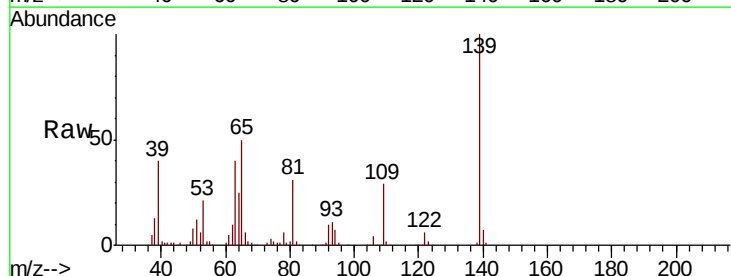
RT: 7.87 min Scan# 983

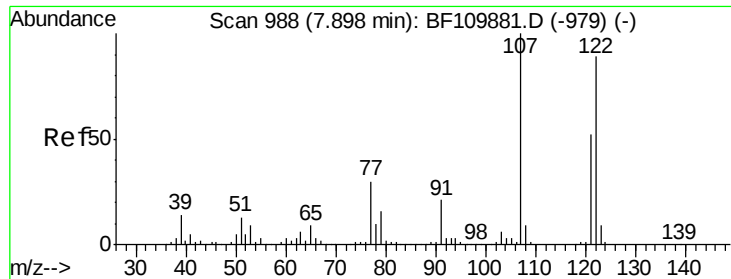
Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 223707 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.5  | 25.0  | 37.6   |
| 65        | 49.6  | 44.0  | 66.0   |





#27

2,4-Dimethylphenol

Concen: 38.581 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

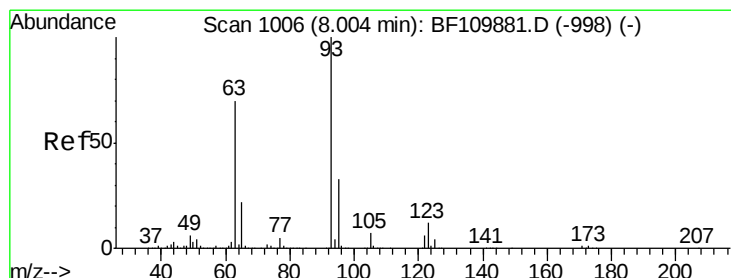
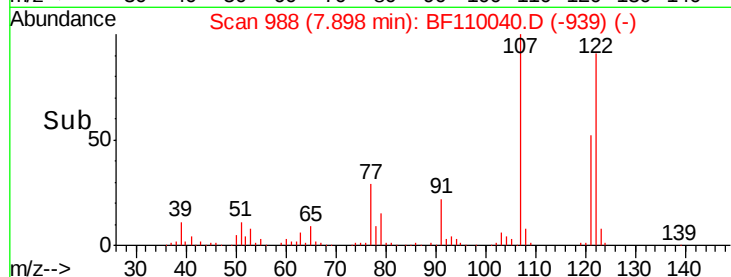
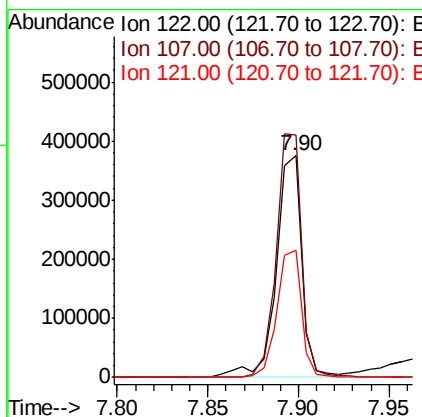
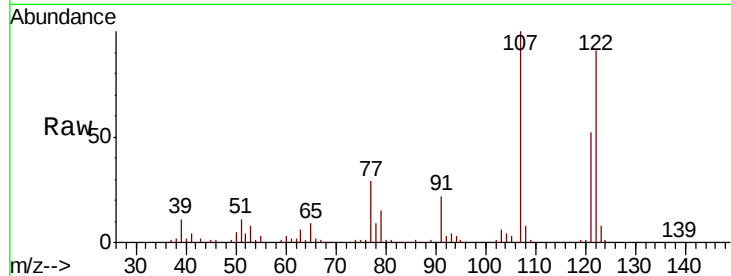
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 109.6 | 92.5  | 138.7 |
| 121     | 57.5  | 45.8  | 68.8  |

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#28

bis(2-Chloroethoxy)methane

Concen: 38.477 ng

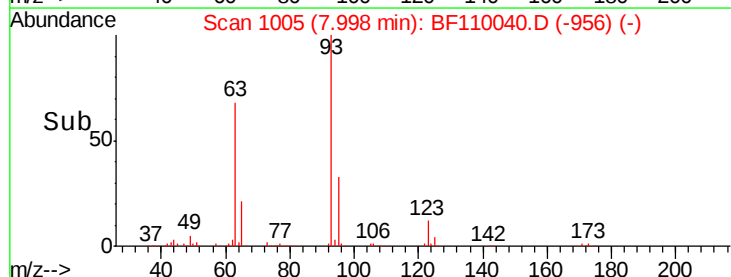
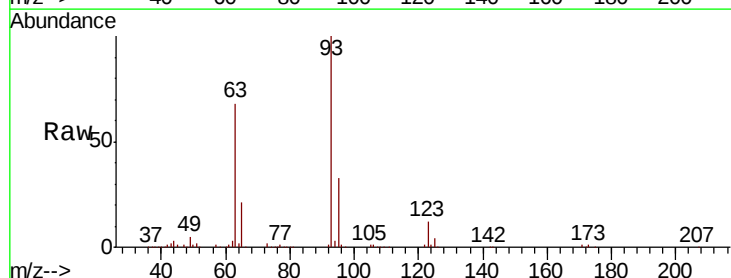
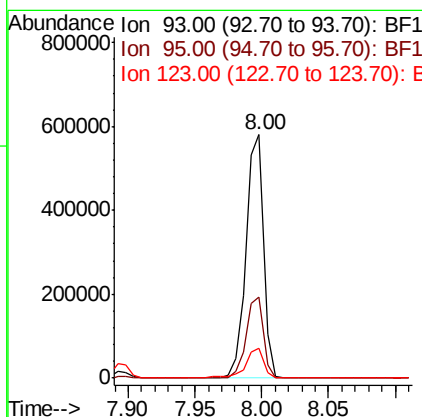
RT: 8.00 min Scan# 1005

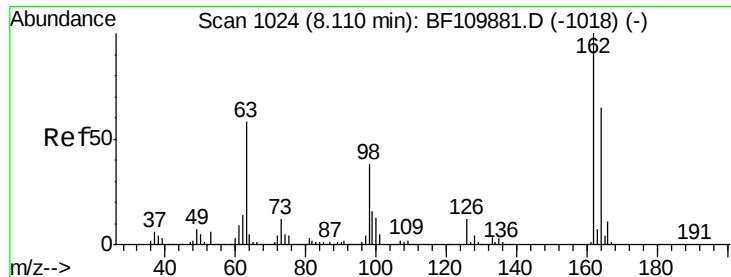
Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 26.4  | 39.6  |
| 123     | 12.1  | 9.0   | 13.6  |





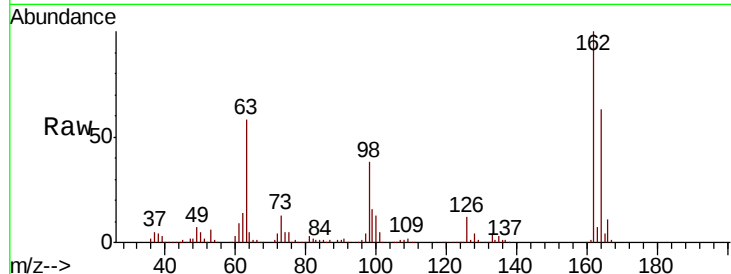
#29  
2,4-Dichlorophenol  
Concen: 40.831 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 376868 |       |       |
| 164     | 62.7  | 44.6   | 84.6  |       |
| 98      | 38.1  | 17.4   | 57.4  |       |

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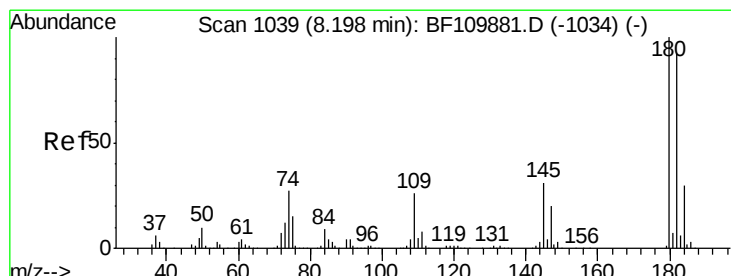
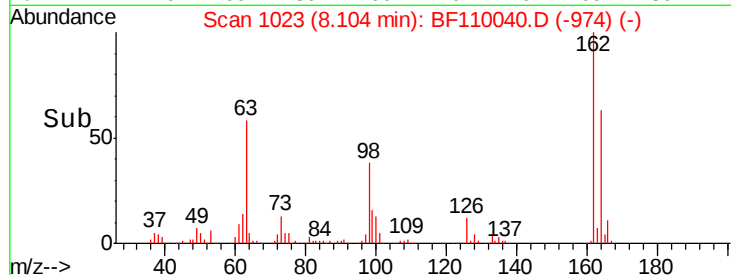
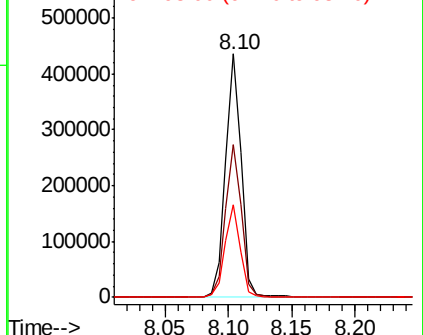


Abundance

Ion 162.00 (161.70 to 162.70): E

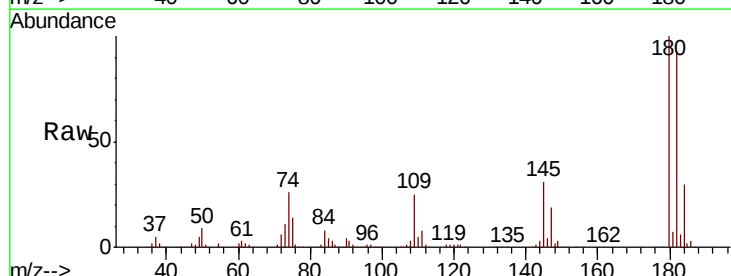
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 41.189 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 425677 |       |       |
| 182     | 93.4  | 80.3   | 120.5 |       |
| 145     | 31.3  | 25.4   | 38.0  |       |

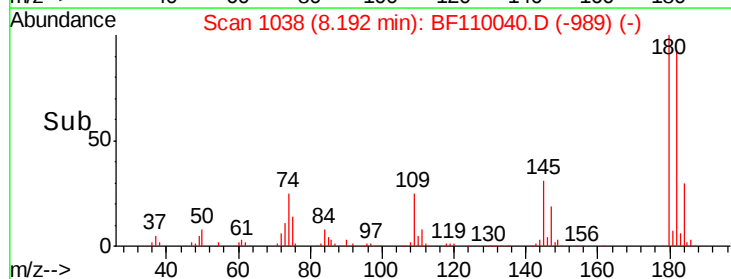
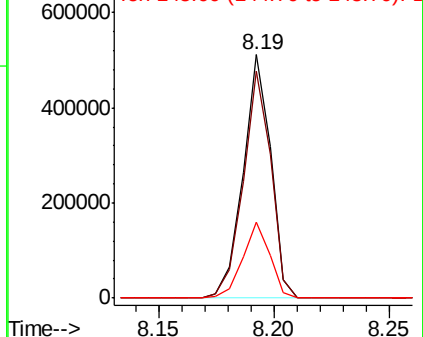


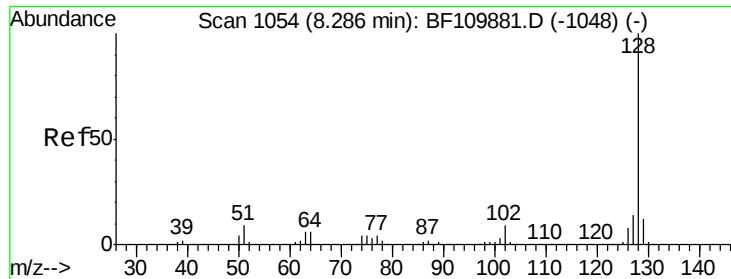
Abundance

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





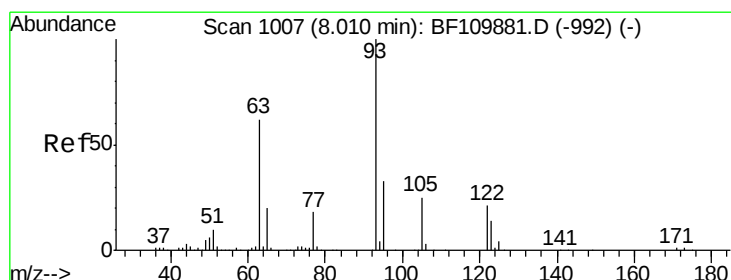
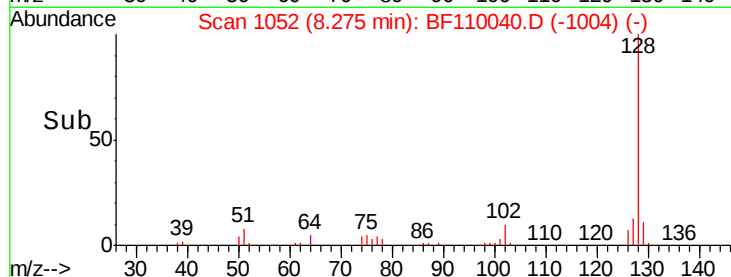
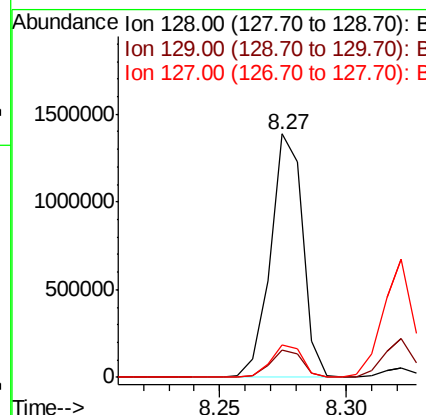
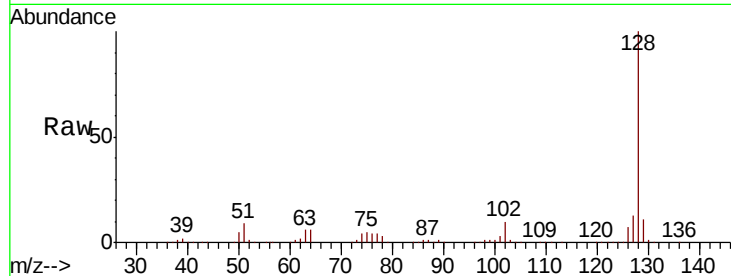
#31  
Naphthalene  
Concen: 39.678 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 8.8   | 13.2  |
| 127     | 13.4  | 10.8  | 16.2  |

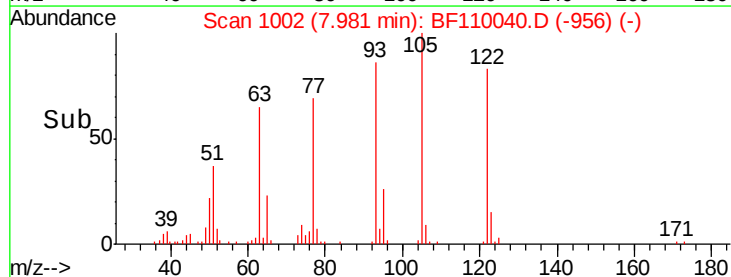
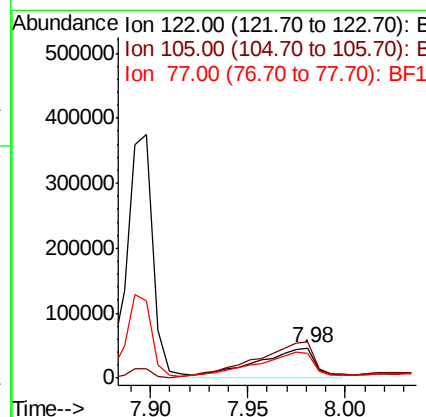
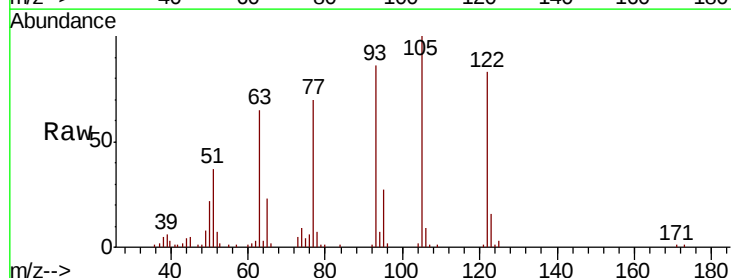
Manual Integrations  
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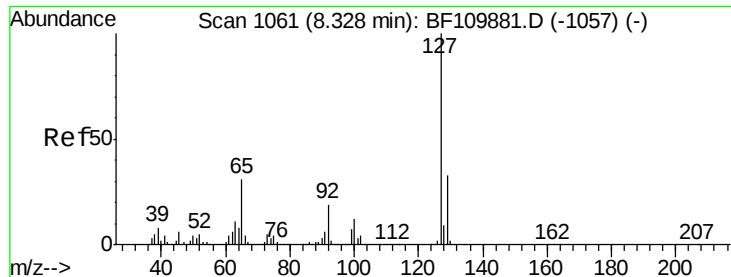
Sohil  
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#32  
Benzoic acid  
Concen: 16.510 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. -0.03 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 119.8 | 109.0 | 149.0 |
| 77      | 83.9  | 79.0  | 119.0 |





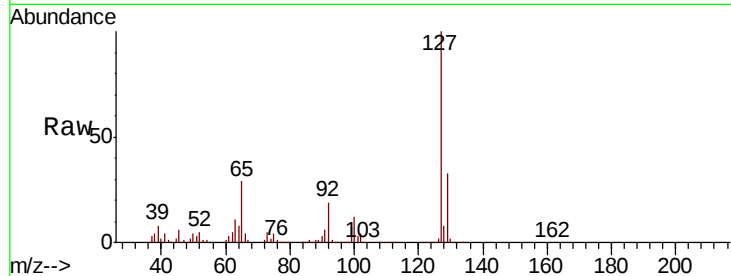
#33  
4-Chloroaniline  
Concen: 39.821 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.7 | 26.0  | 39.0 |       |       |
| 65      | 29.3 | 25.1  | 37.7 |       |       |
| 92      | 18.6 | 15.0  | 22.6 |       |       |

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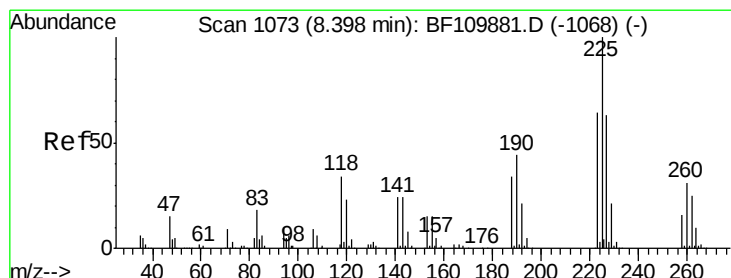
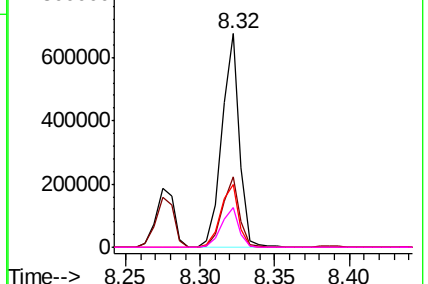
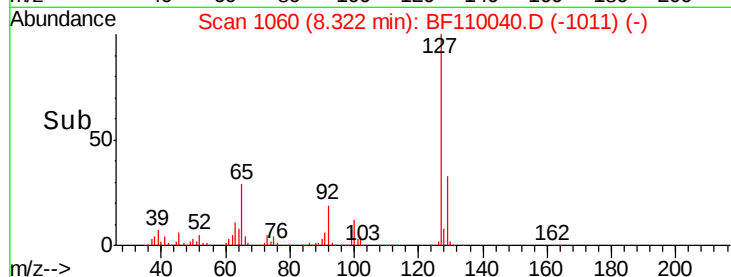
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

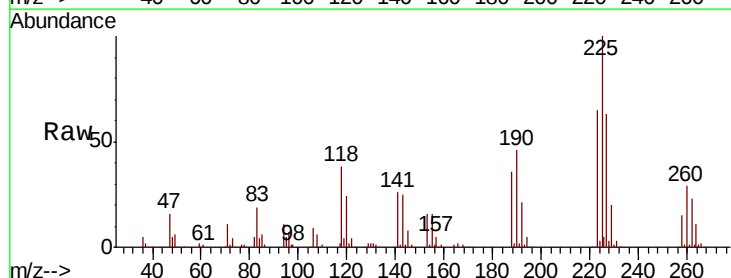
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 41.052 ng  
RT: 8.39 min Scan# 1071  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.6 | 51.4  | 77.2 |       |       |
| 227     | 63.4 | 51.0  | 76.6 |       |       |

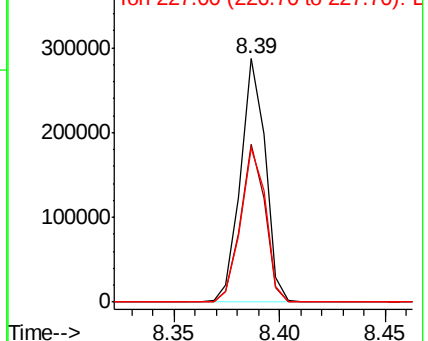
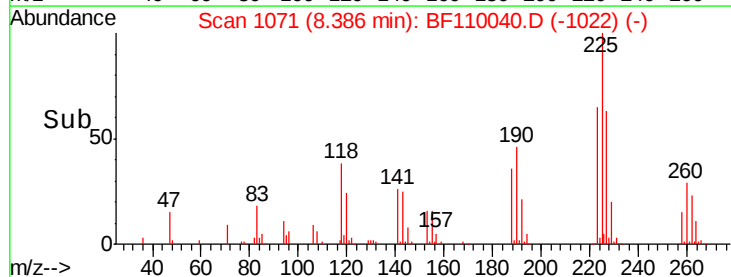


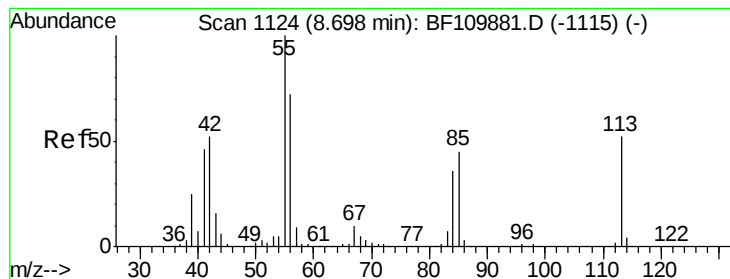
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.247 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

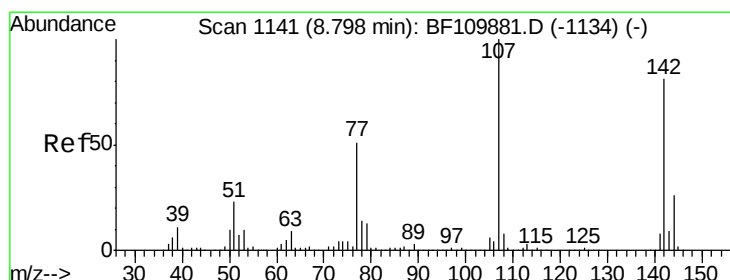
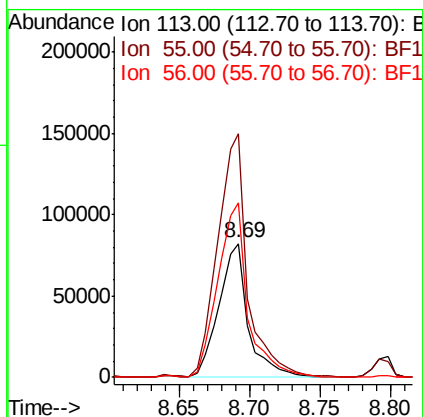
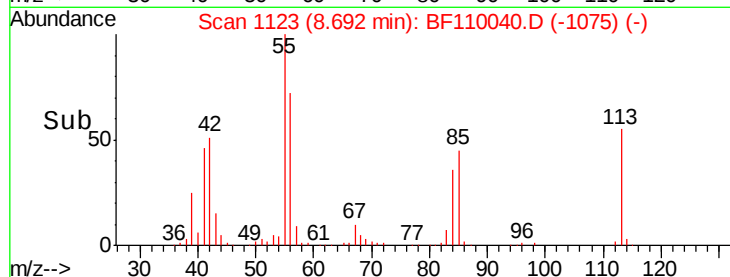
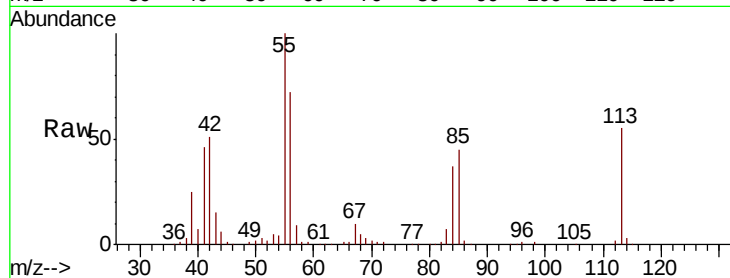
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 118818 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 181.9 | 142.8 | 182.8  |
| 56        | 130.6 | 105.0 | 145.0  |

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#36

4-Chloro-3-methylphenol

Concen: 40.694 ng

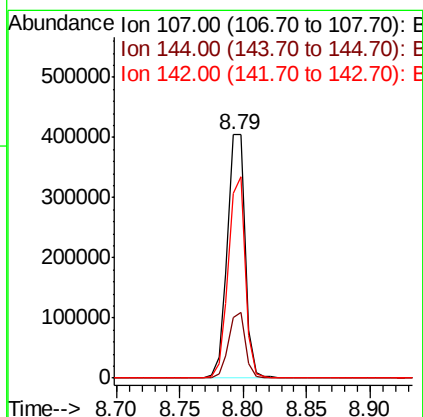
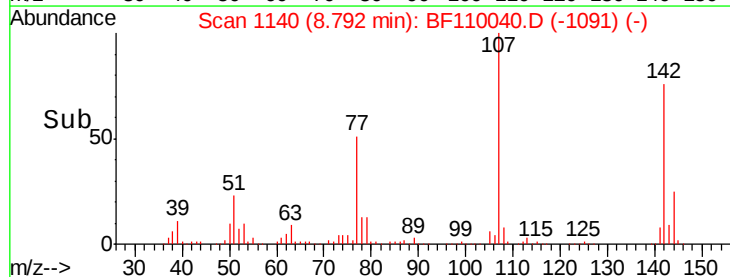
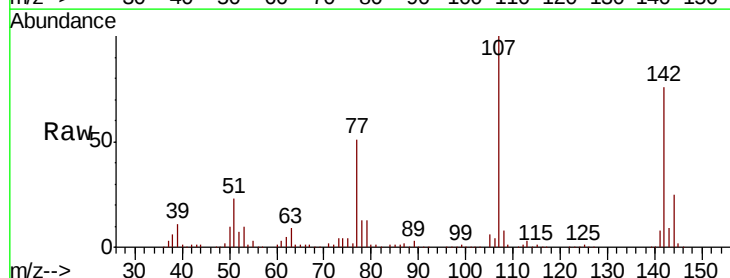
RT: 8.79 min Scan# 1140

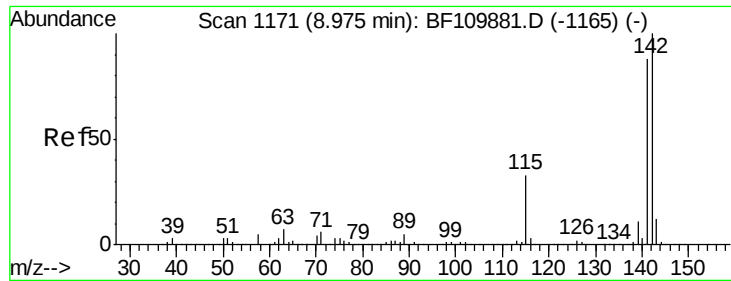
Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 396241 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 24.7  | 20.0  | 30.0   |
| 142       | 76.0  | 59.7  | 89.5   |





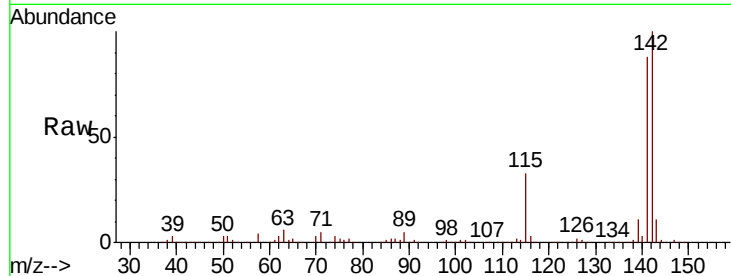
#37  
2-Methylnaphthalene  
Concen: 40.514 ng  
RT: 8.97 min Scan# 1170  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

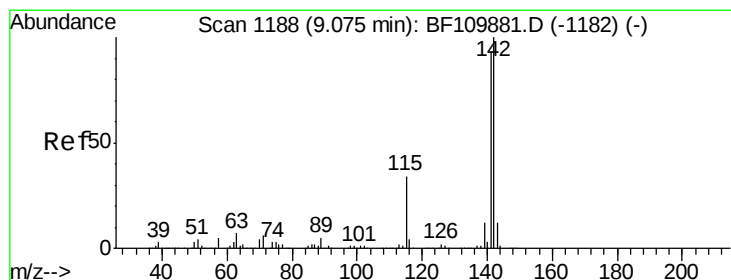
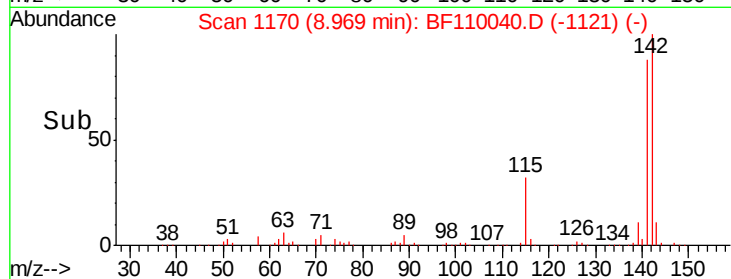
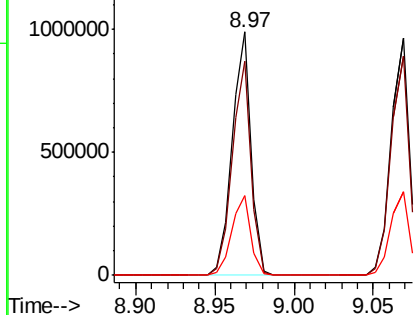
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 71.4  | 107.2 |
| 115     | 32.5  | 28.7  | 43.1  |

Manual Integrations  
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Sohil  
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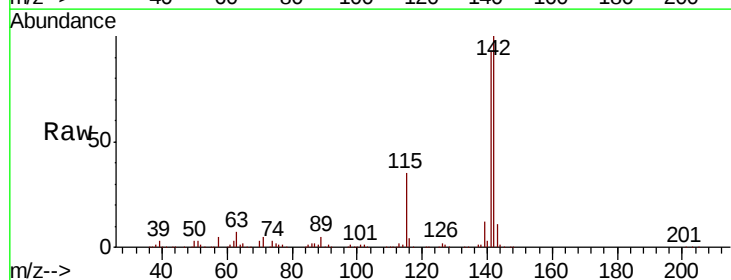


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

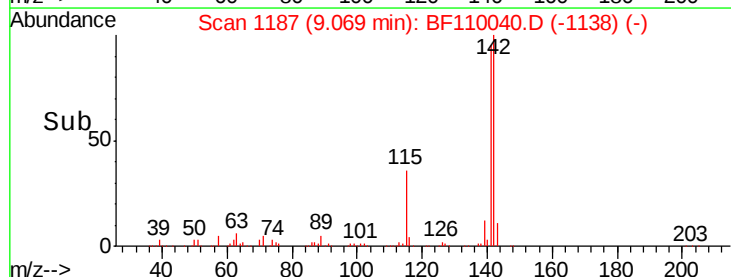
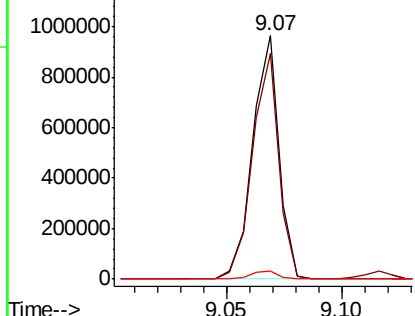


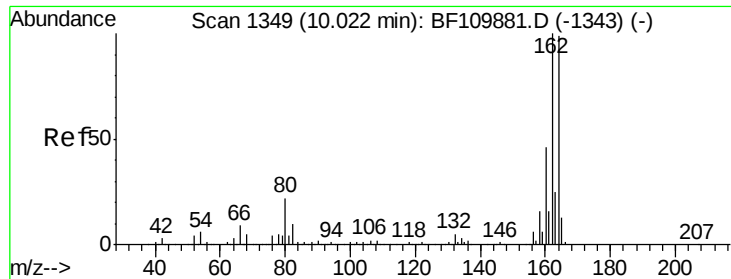
#38  
1-Methylnaphthalene  
Concen: 39.483 ng  
RT: 9.07 min Scan# 1187  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.6  | 74.2  | 111.4 |
| 116     | 3.6   | 2.6   | 4.0   |



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





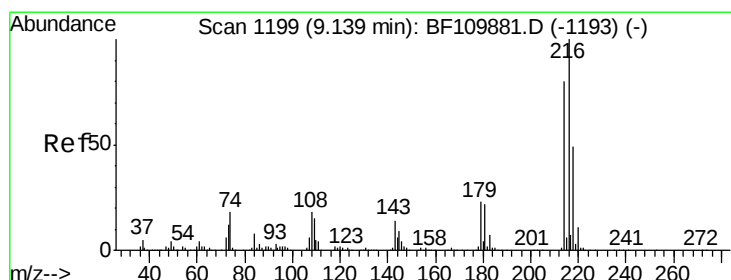
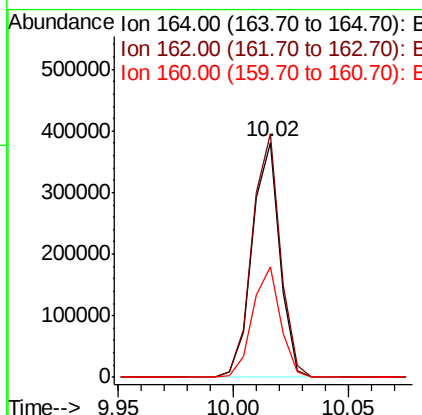
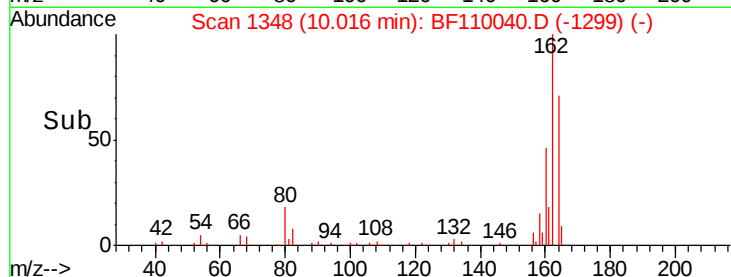
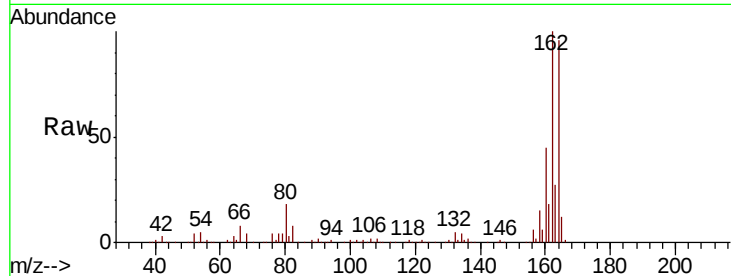
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.02 min Scan# 1348  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.7 | 83.0  | 124.6 |
| 160     | 47.0  | 37.0  | 55.6  |

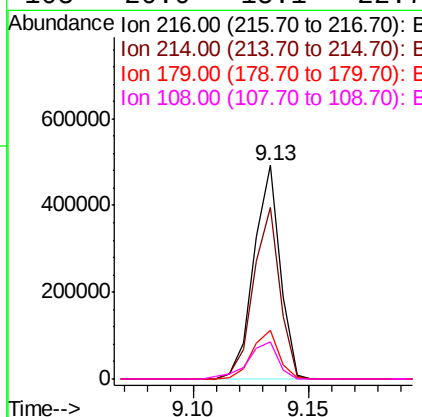
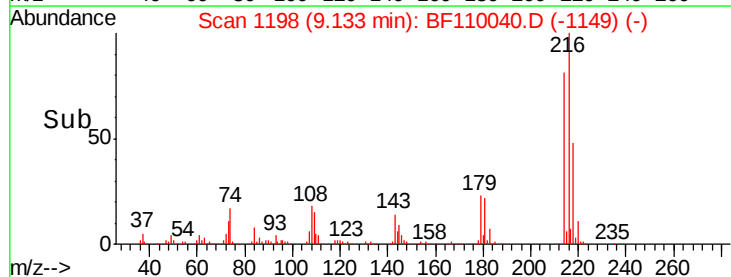
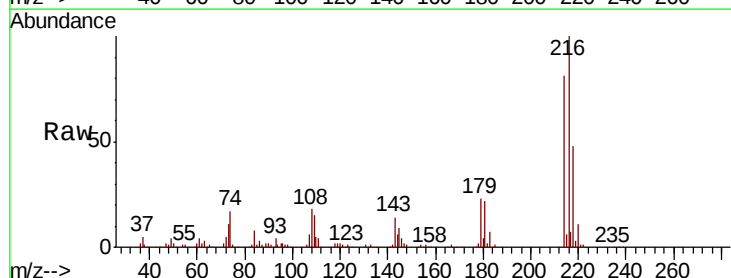
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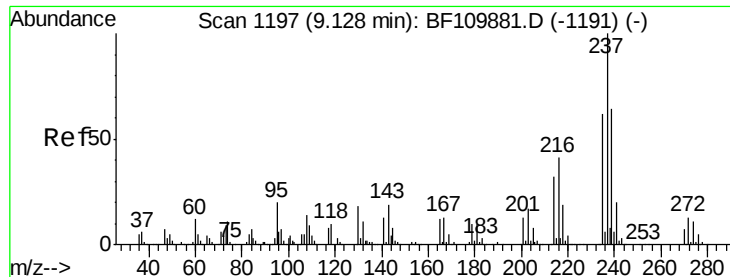
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.027 ng  
RT: 9.13 min Scan# 1198  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.5  | 63.8  | 95.6  |
| 179     | 23.1  | 16.6  | 25.0  |
| 108     | 20.0  | 15.1  | 22.7  |





#41

Hexachlorocyclopentadiene

Concen: 41.361 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

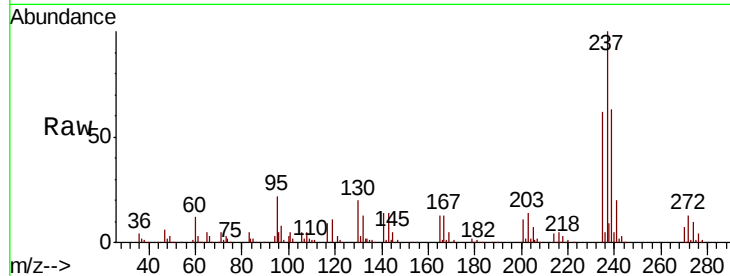
ClientSampleId :

SSTDCCC040

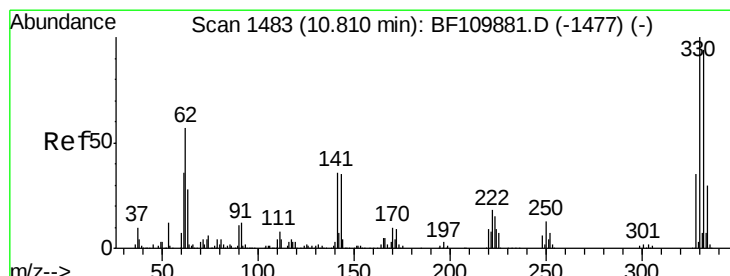
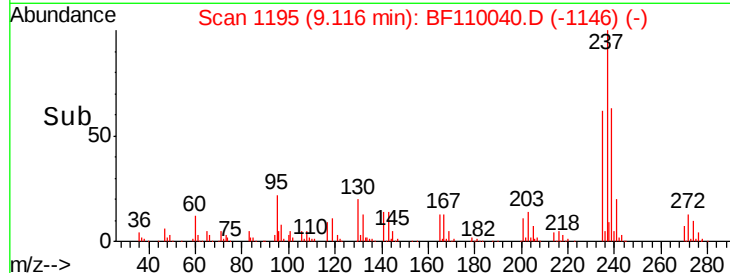
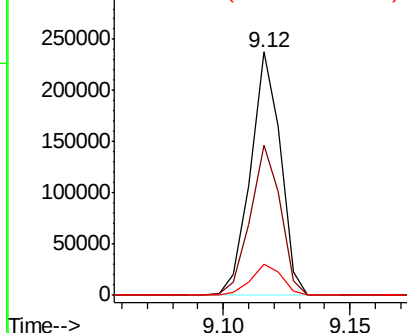
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 196457 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.7  | 43.1  | 83.1   |
| 272       | 12.6  | 0.0   | 32.6   |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.212 ng

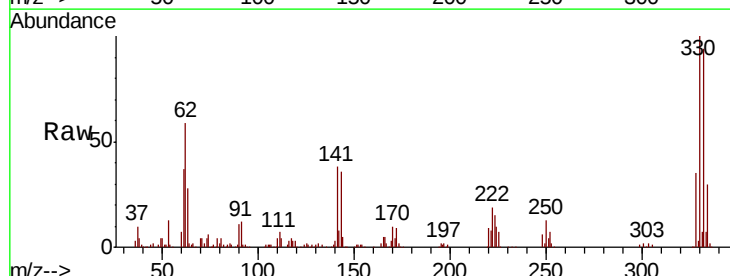
RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

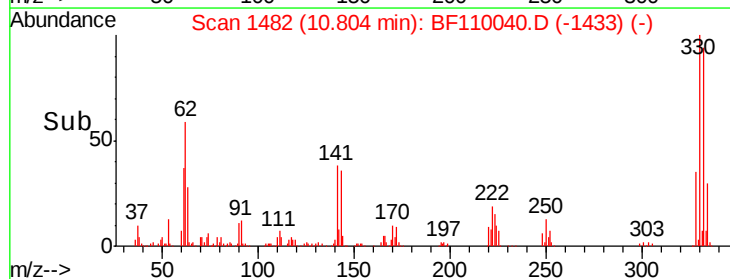
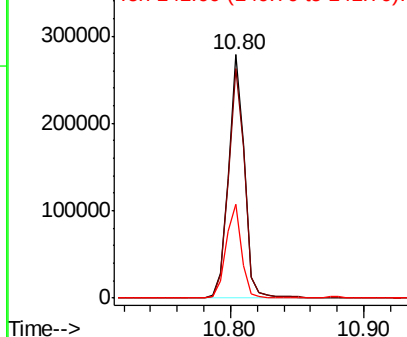
Lab File: BF110040.D

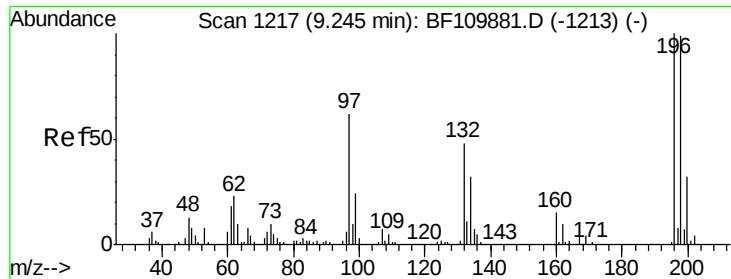
Acq: 22 Oct 2018 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 235708 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.5  | 77.1  | 115.7  |
| 141       | 38.0  | 27.0  | 40.4   |



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





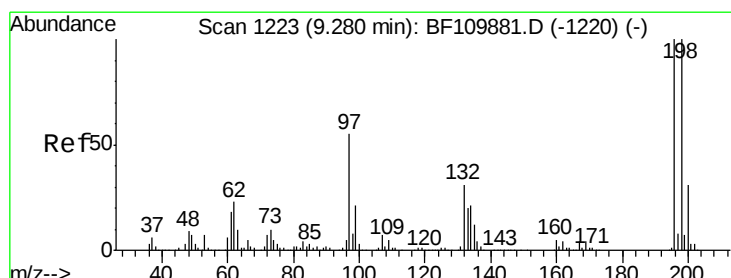
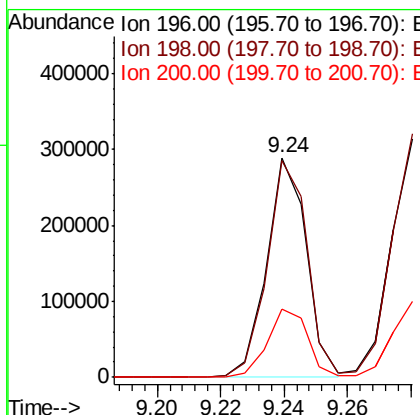
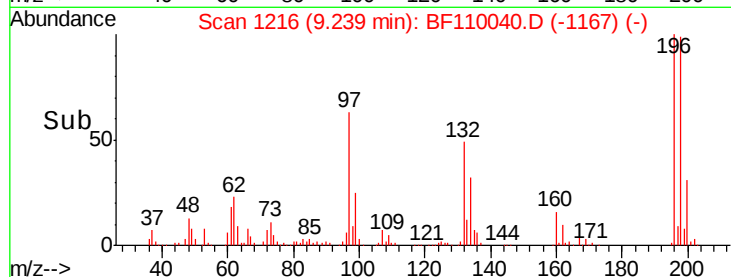
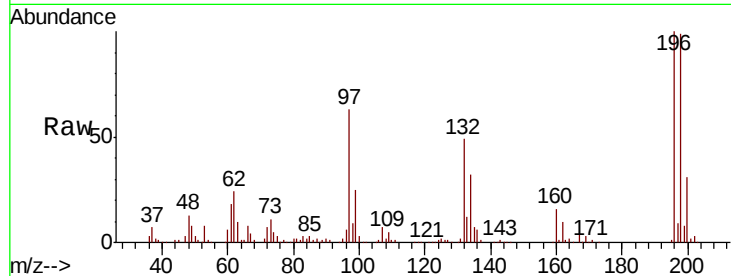
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.126 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 253067 |       |       |
| 198     | 98.6  | 76.2   | 114.4 |       |
| 200     | 30.9  | 24.4   | 36.6  |       |

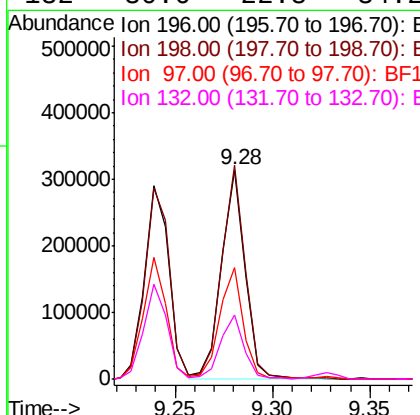
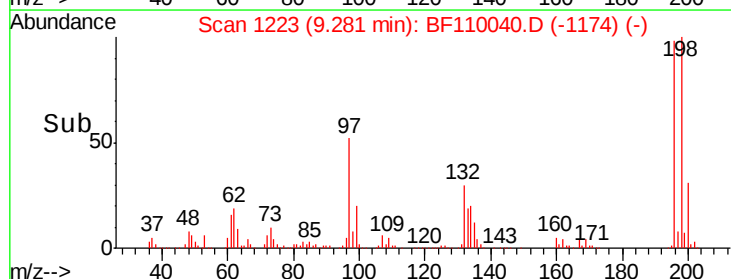
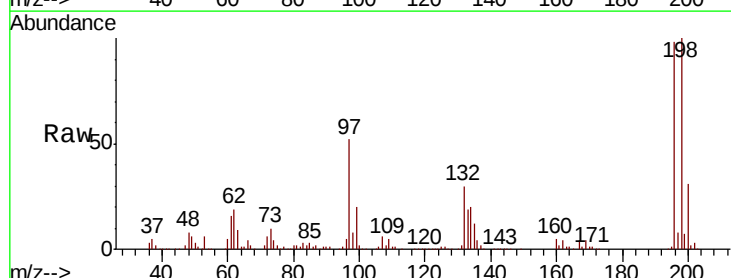
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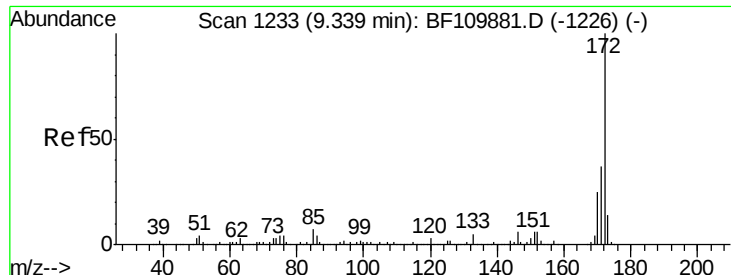
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#44  
 2,4,5-Trichlorophenol  
 Concen: 41.212 ng  
 RT: 9.28 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 263200 |       |       |
| 198     | 102.2 | 75.8   | 113.6 |       |
| 97      | 53.4  | 42.4   | 63.6  |       |
| 132     | 30.6  | 22.8   | 34.2  |       |





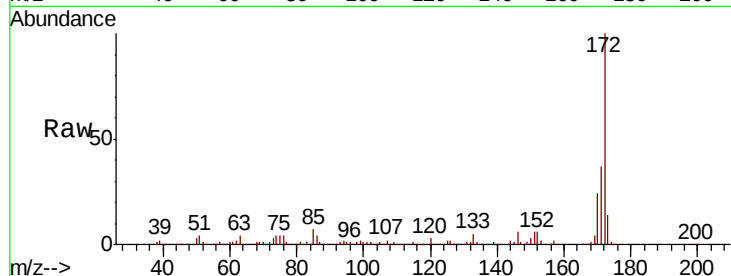
#45  
2-Fluorobiphenyl  
Concen: 81.848 ng  
RT: 9.33 min Scan# 1231  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.7  | 28.6  | 43.0  |
| 170     | 24.1  | 19.7  | 29.5  |

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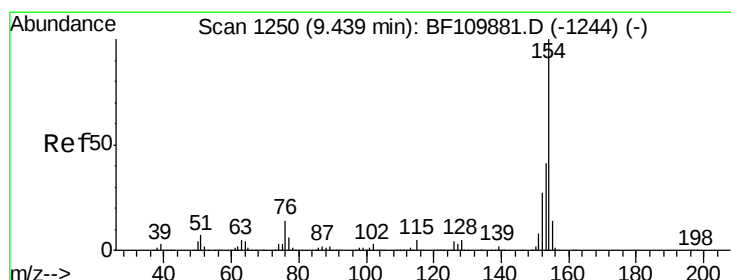
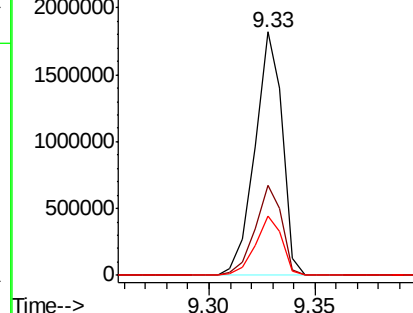
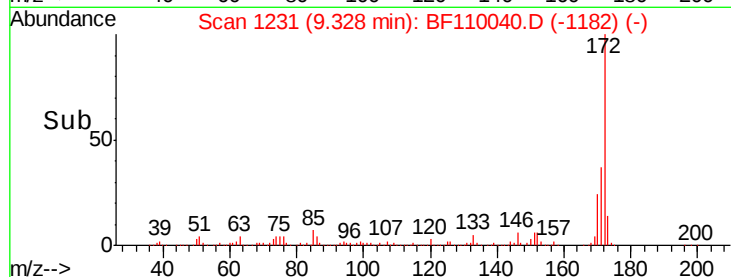


Abundance

Ion 172.00 (171.70 to 172.70): E

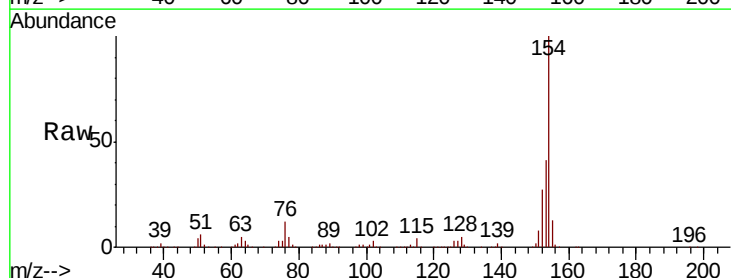
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 39.990 ng  
RT: 9.43 min Scan# 1249  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.3  | 20.4  | 60.4  |
| 76      | 11.7  | 0.0   | 31.9  |

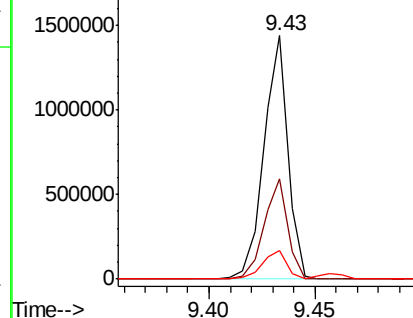
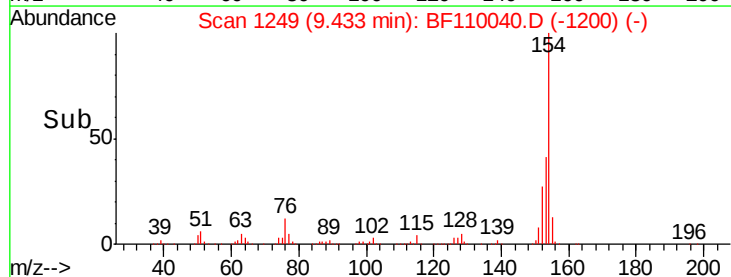


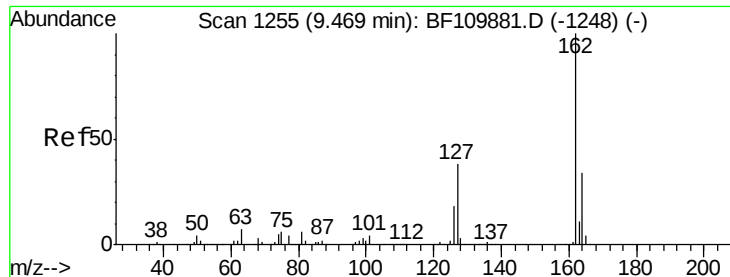
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





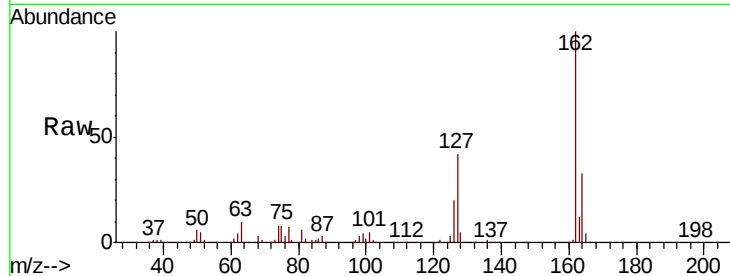
#47  
 2-Chloronaphthalene  
 Concen: 39.692 ng  
 RT: 9.46 min Scan# 1253  
 Delta R.T. -0.02 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

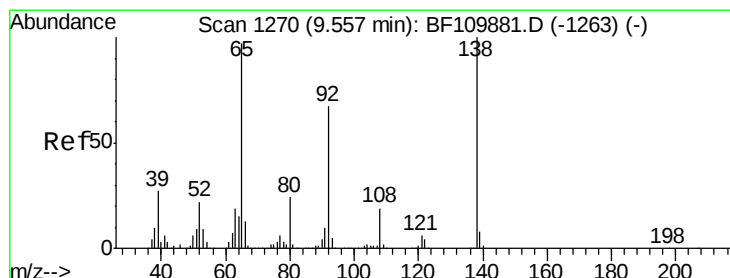
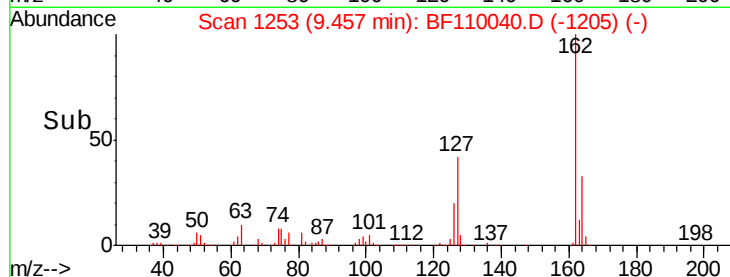
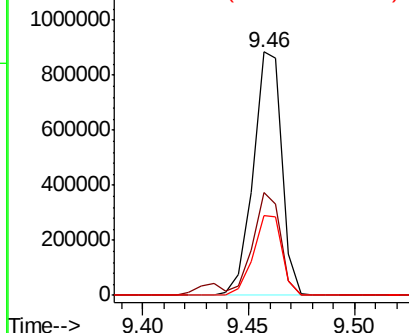
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 162     | 100  |       |      |       |       |
| 127     | 42.3 | 32.6  | 48.8 |       |       |
| 164     | 32.6 | 25.9  | 38.9 |       |       |

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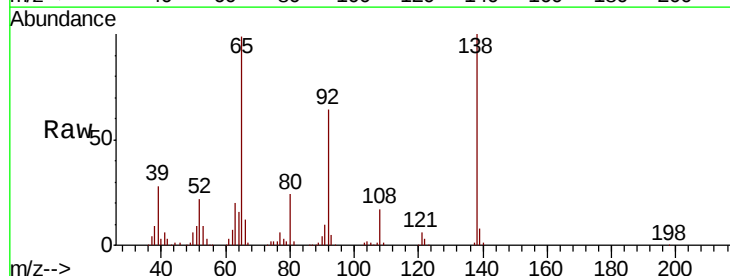


Abundance Ion 162.00 (161.70 to 162.70): E  
 1200000  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

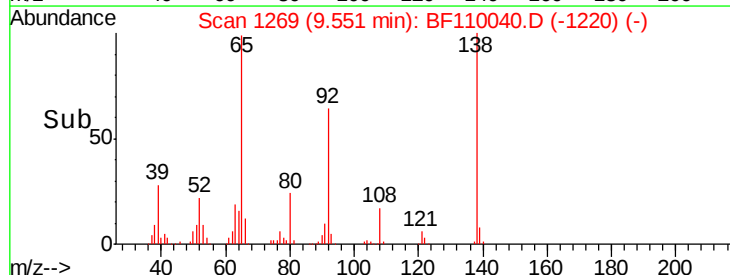
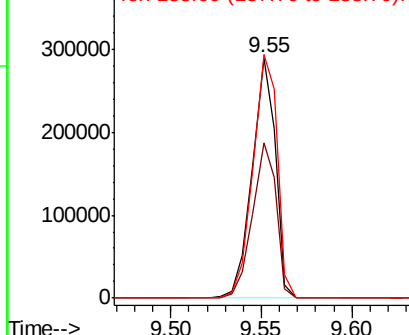


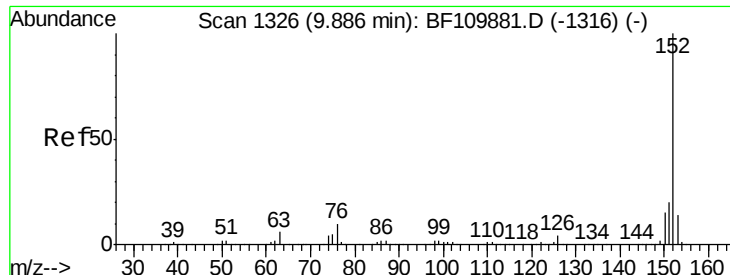
#48  
 2-Nitroaniline  
 Concen: 47.904 ng  
 RT: 9.55 min Scan# 1269  
 Delta R.T. -0.01 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 65      | 100   |       |       |       |       |
| 92      | 64.8  | 54.6  | 81.8  |       |       |
| 138     | 101.4 | 80.3  | 120.5 |       |       |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 400000  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.310 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1197408

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.8

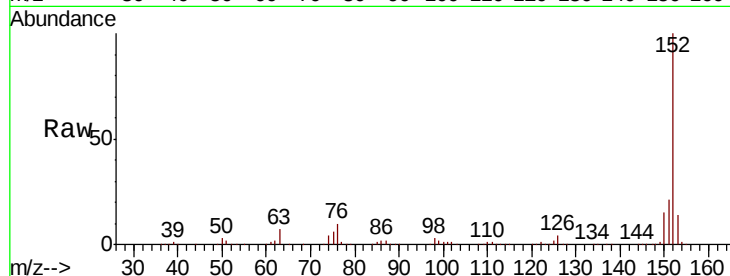
153 14.3 10.4 15.6

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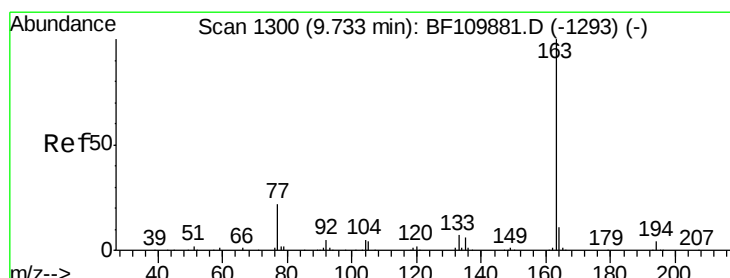
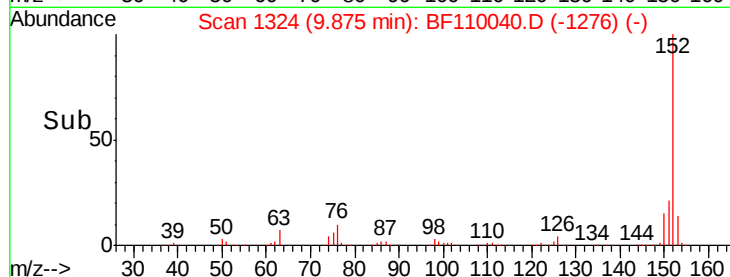
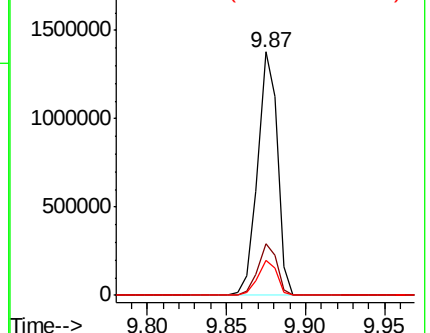
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.576 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

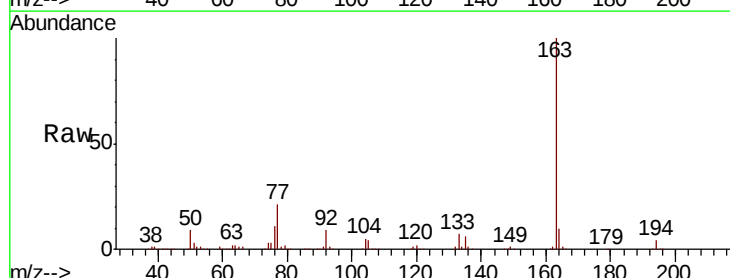
Tgt Ion:163 Resp: 895350

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

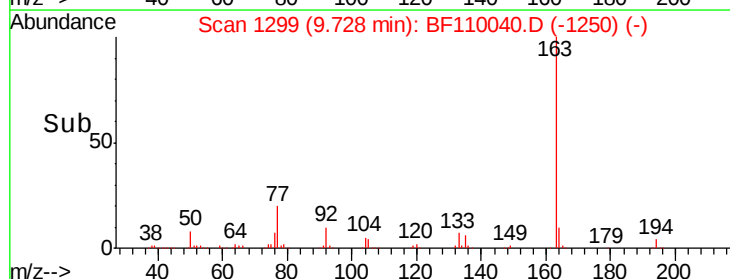
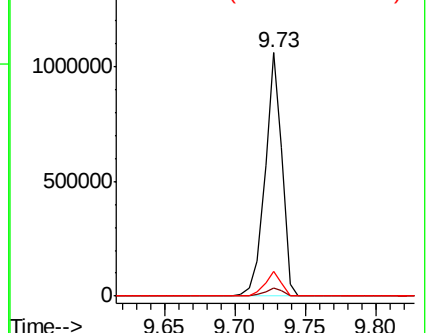
164 10.2 8.1 12.1

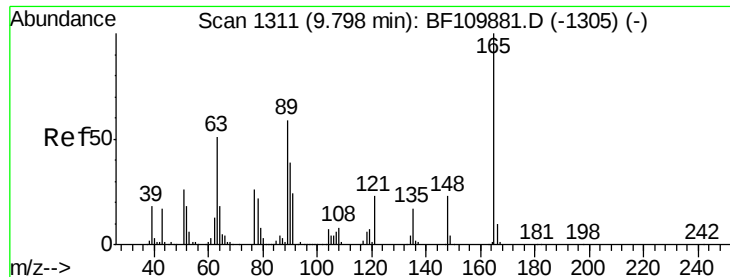


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





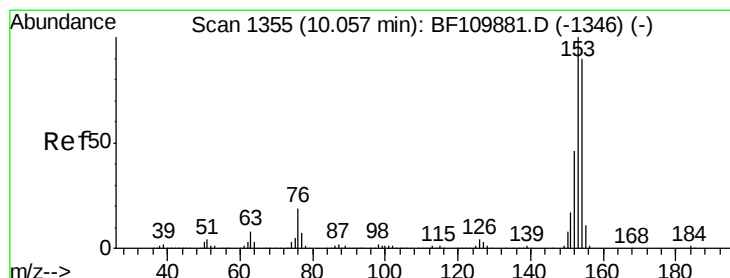
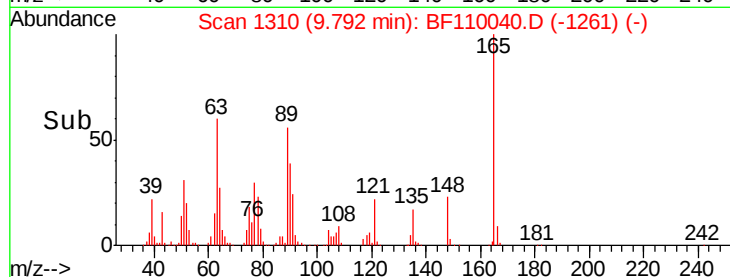
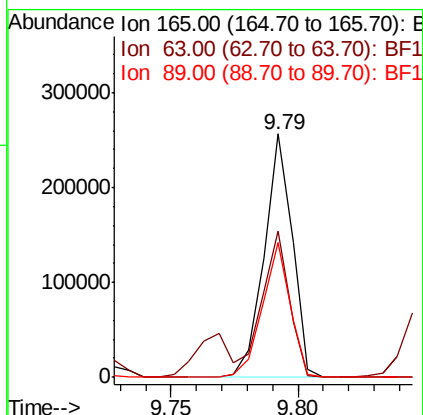
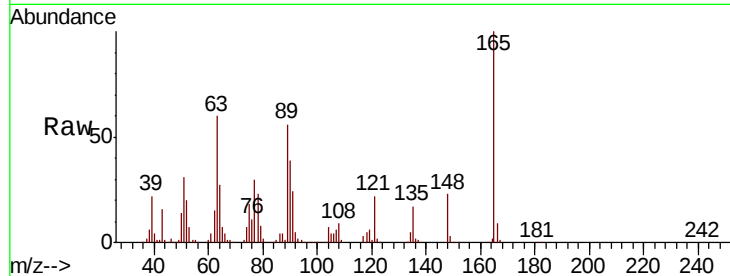
#51  
 2,6-Dinitrotoluene  
 Concen: 46.454 ng  
 RT: 9.79 min Scan# 1310  
 Delta R.T. -0.01 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 199609 |       |       |
| 63      | 59.9  | 48.9   | 73.3  |       |
| 89      | 55.6  | 46.6   | 69.8  |       |

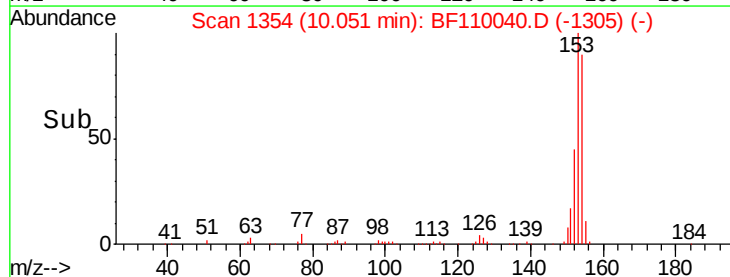
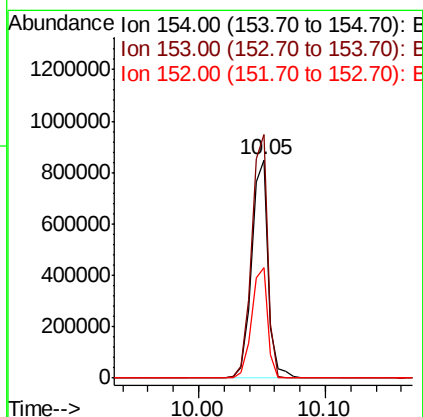
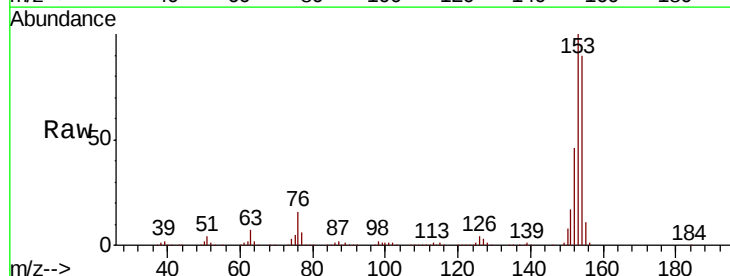
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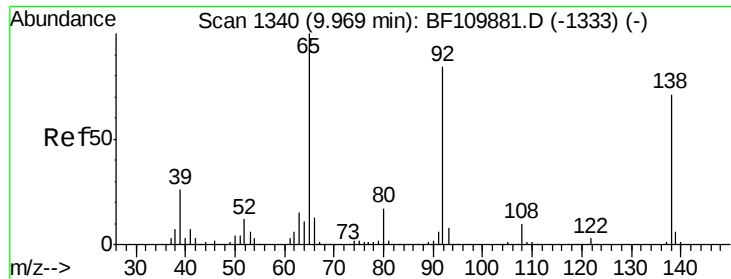
Sohil  
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#52  
 Acenaphthene  
 Concen: 40.076 ng  
 RT: 10.05 min Scan# 1354  
 Delta R.T. -0.01 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 777184 |       |       |
| 153     | 111.7 | 90.1   | 135.1 |       |
| 152     | 50.9  | 43.4   | 65.2  |       |





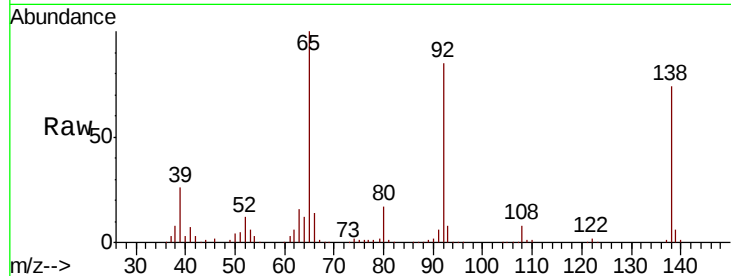
#53  
3-Nitroaniline  
Concen: 45.615 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.0  | 8.7   | 13.1  |
| 92      | 114.8 | 97.0  | 145.4 |

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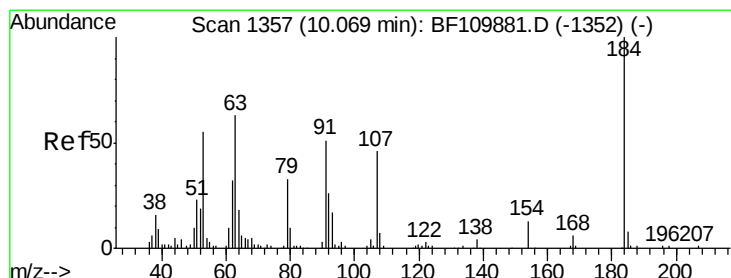
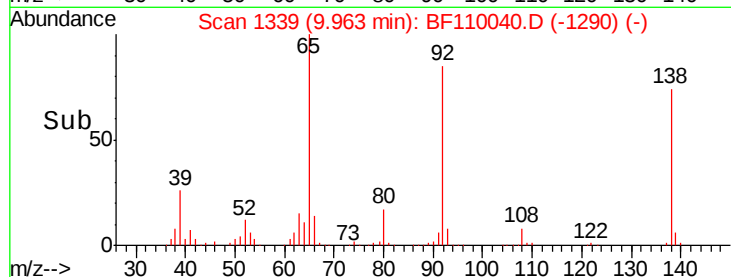
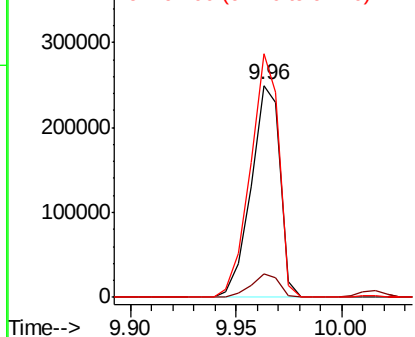


Abundance

Ion 138.00 (137.70 to 138.70): E

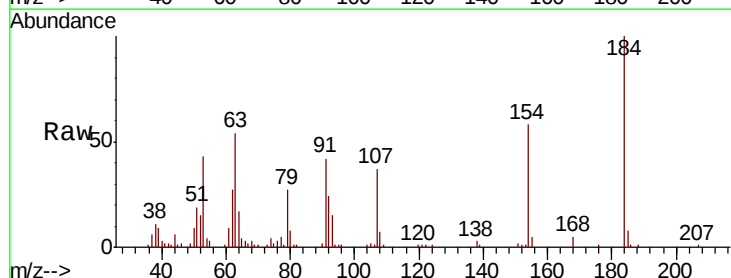
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
2,4-Dinitrophenol  
Concen: 37.998 ng  
RT: 10.07 min Scan# 1357  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 53.6  | 55.8  | 83.6# |
| 154     | 58.3  | 63.2  | 94.8# |

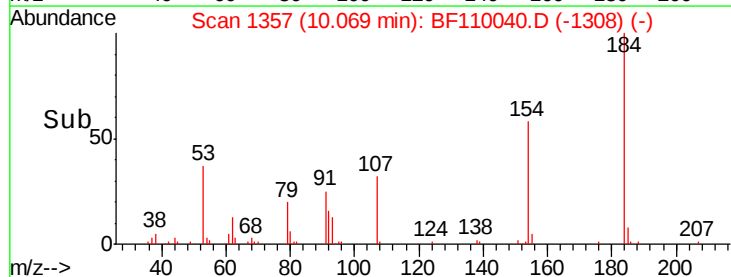
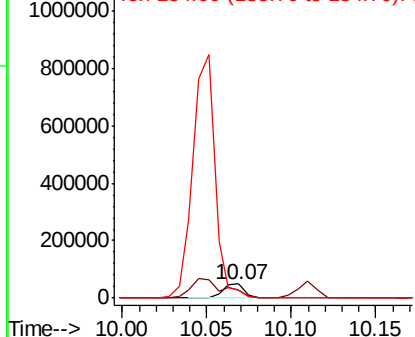


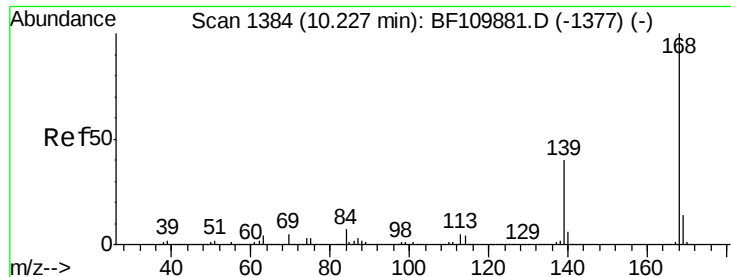
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





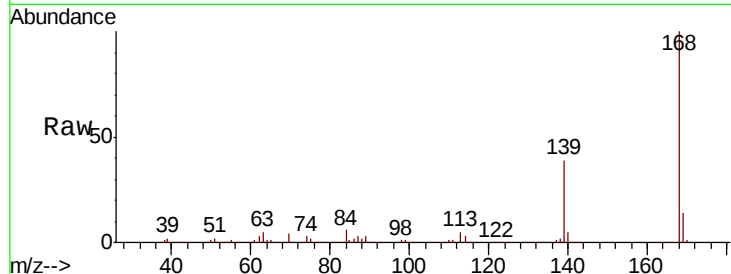
#55  
Dibenzenofuran  
Concen: 40.041 ng  
RT: 10.22 min Scan# 1383  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

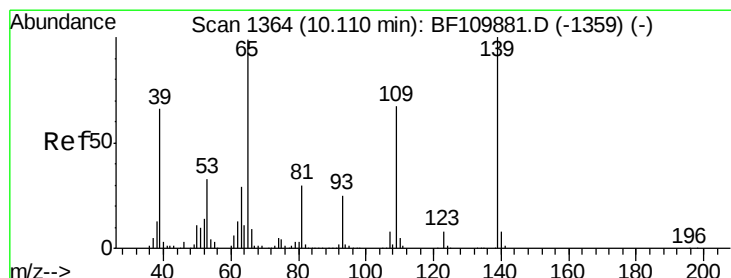
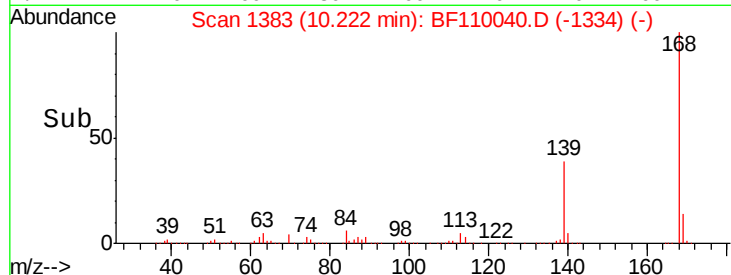
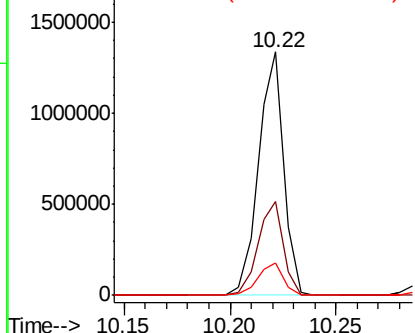
Tot Ion:168 Resp: 1107427  
Ion Ratio Lower Upper  
168 100  
139 38.7 33.0 49.6  
169 13.6 11.3 16.9

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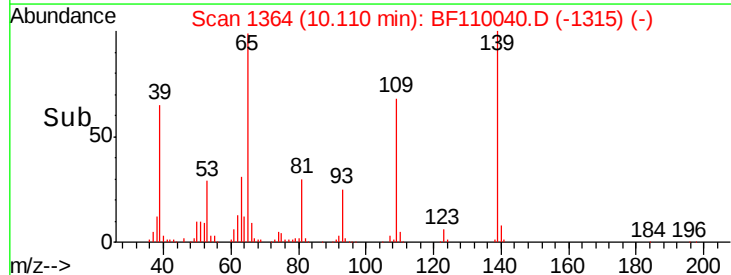
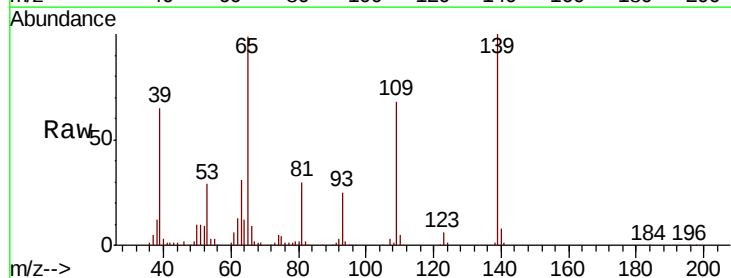
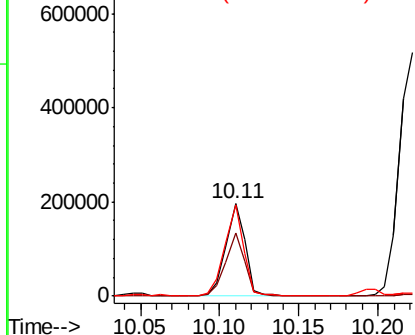
Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

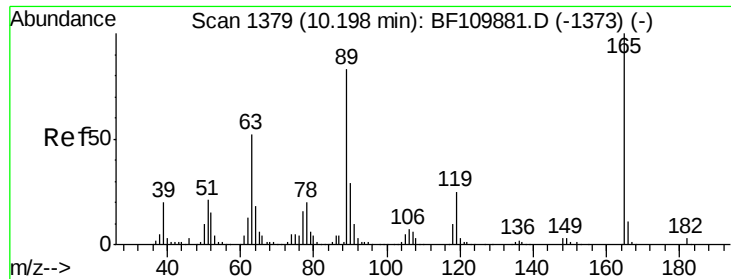


#56  
4-Nitrophenol  
Concen: 41.992 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Tgt Ion:139 Resp: 167478  
Ion Ratio Lower Upper  
139 100  
109 68.3 55.8 95.8  
65 98.9 77.9 117.9

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





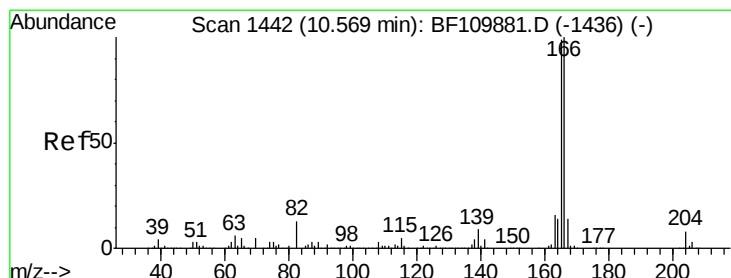
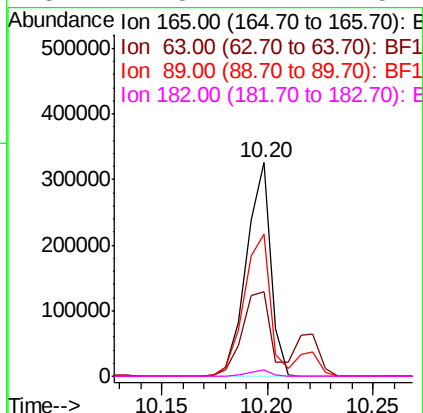
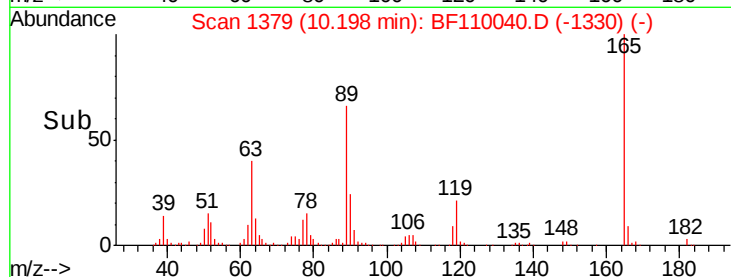
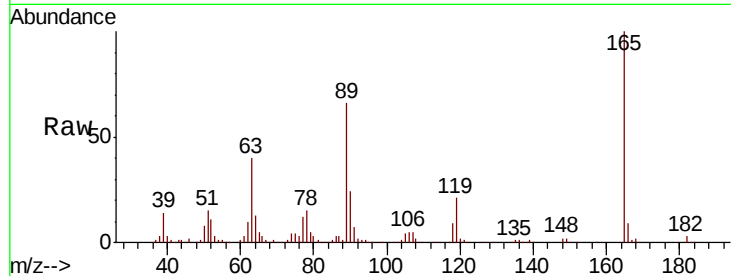
#57  
2,4-Dinitrotoluene  
Concen: 47.842 ng  
RT: 10.20 min Scan# 1379  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 39.8  | 44.8       | 67.2# |
| 89      | 66.3  | 62.2       | 93.4  |
| 182     | 2.8   | 2.1        | 3.1   |

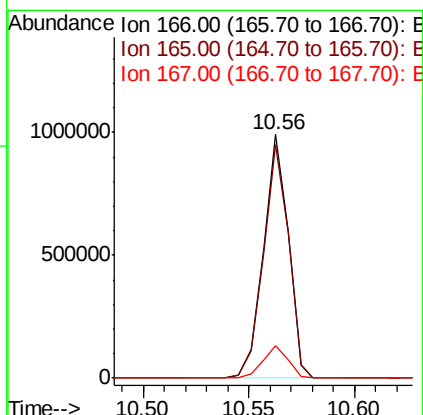
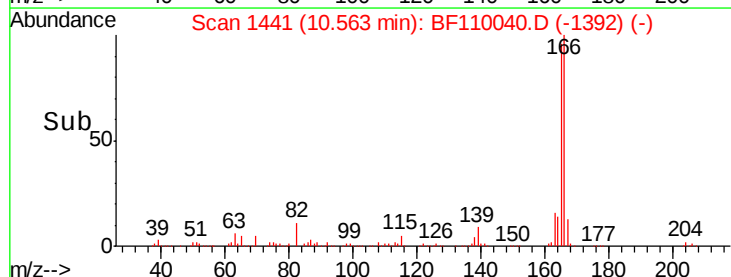
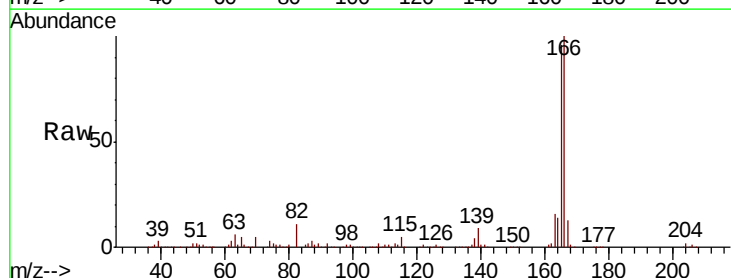
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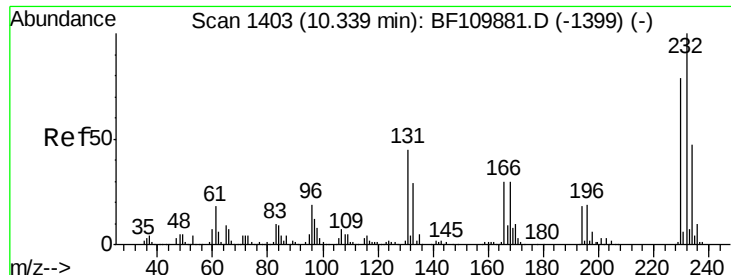
Sohil  
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#58  
Fluorene  
Concen: 40.426 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 95.8  | 78.6       | 117.8 |
| 167     | 13.2  | 10.8       | 16.2  |





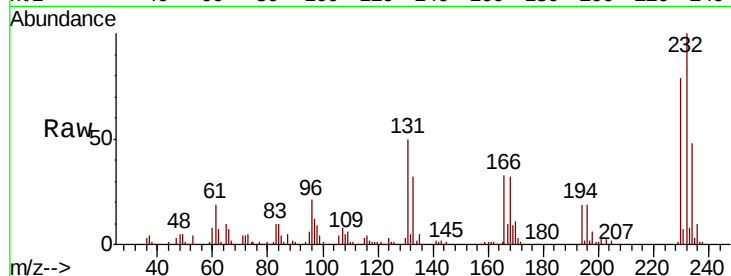
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.711 ng m  
RT: 10.33 min Scan# 1402  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 206056 |       |       |
| 131     | 42.5  | 37.0   | 55.4  |       |
| 130     | 2.2   | 1.8    | 2.6   |       |
| 166     | 26.2  | 22.0   | 33.0  |       |

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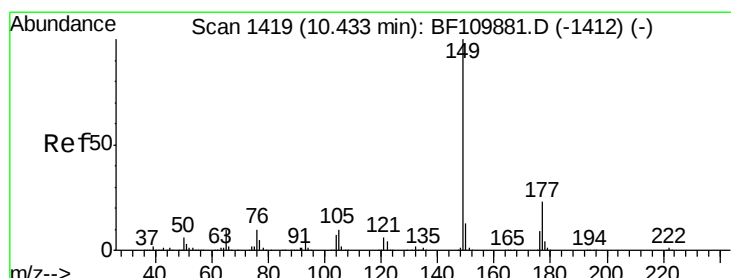
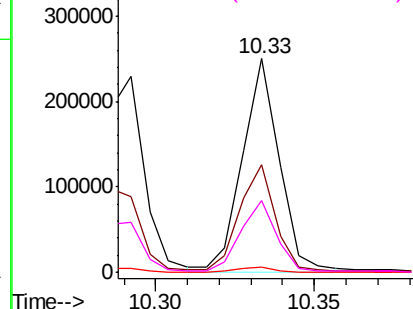
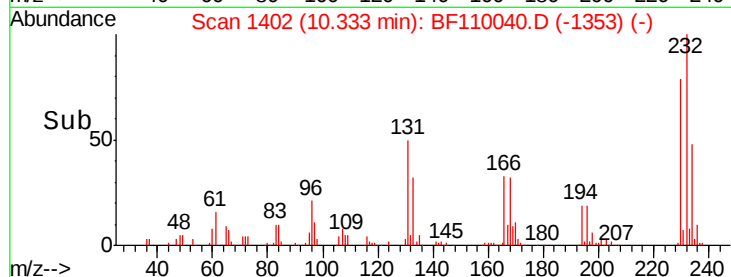
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

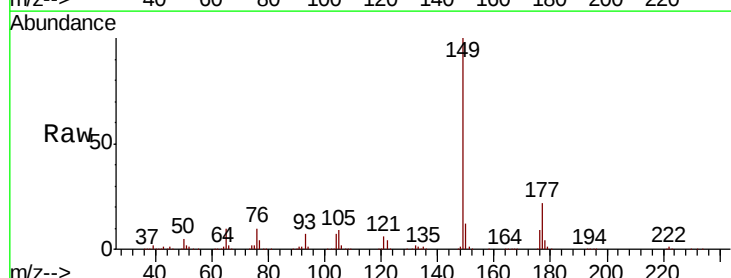
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 38.888 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 868941 |       |       |
| 177     | 22.5  | 17.4   | 26.2  |       |
| 150     | 12.4  | 9.8    | 14.8  |       |

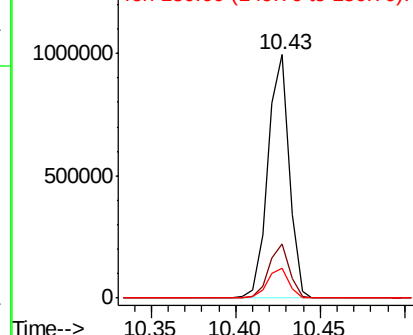
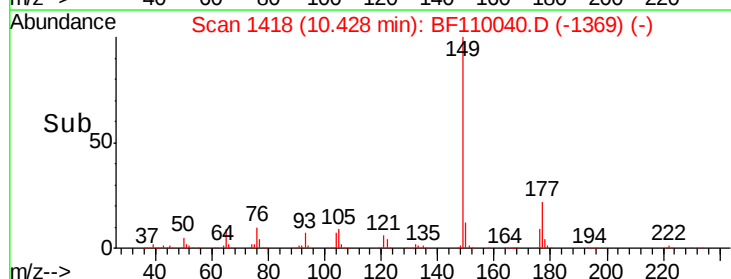


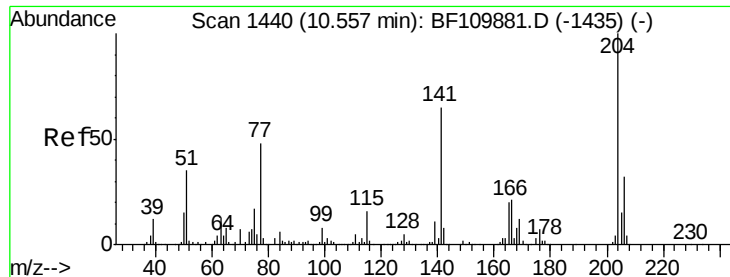
Abundance

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





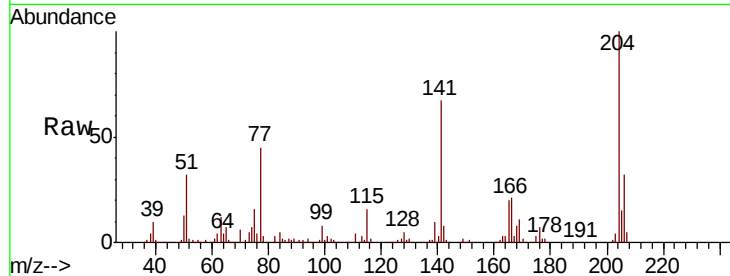
#61  
4-Chlorophenyl-phenylether  
Concen: 40.246 ng  
RT: 10.55 min Scan# 1439  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.2  | 26.5  | 39.7  |
| 141     | 66.7  | 51.8  | 77.8  |

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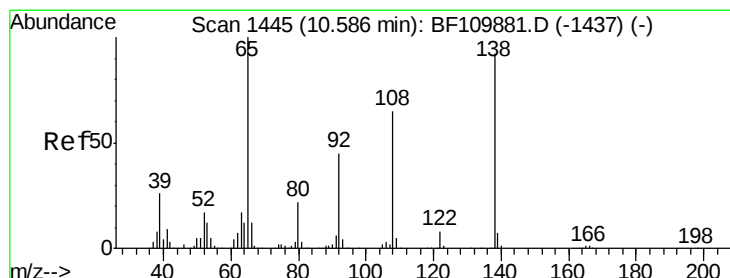
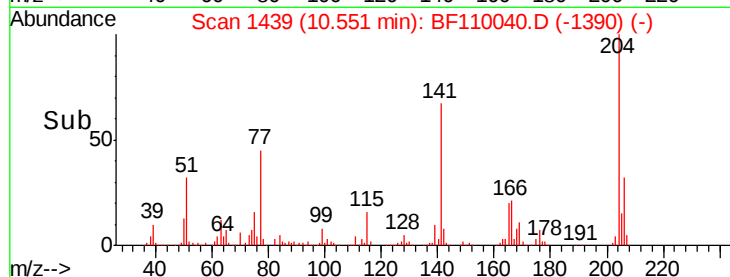
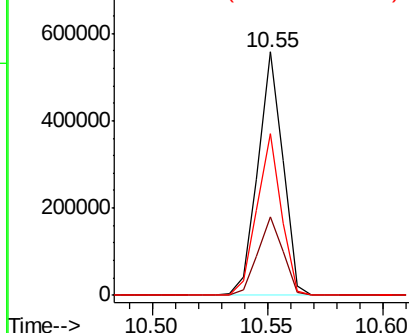


Abundance

Ion 204.00 (203.70 to 204.70): E

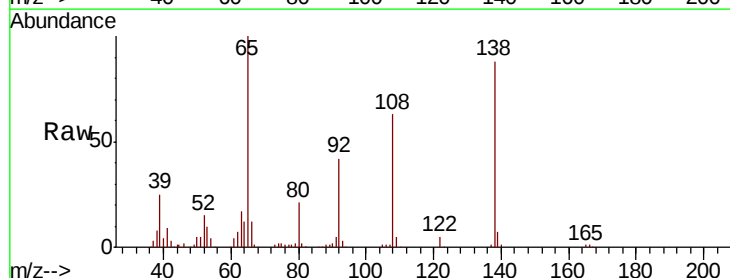
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 46.267 ng  
RT: 10.58 min Scan# 1444  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.3  | 31.7  | 71.7  |
| 108     | 71.3  | 59.3  | 99.3  |

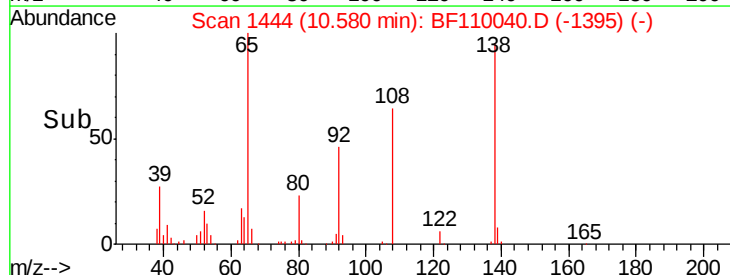
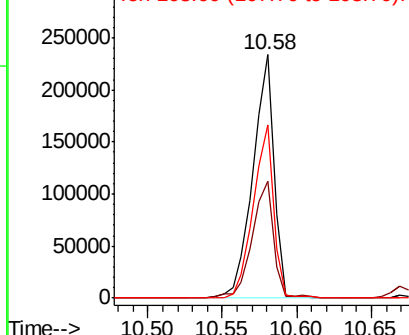


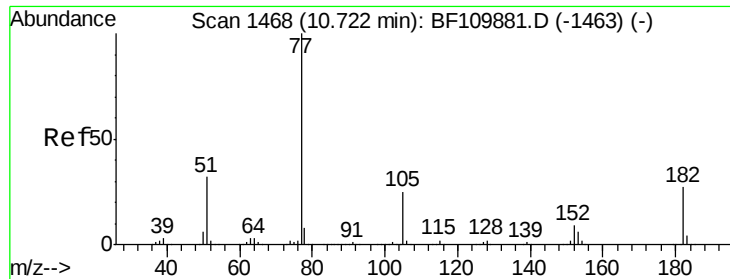
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





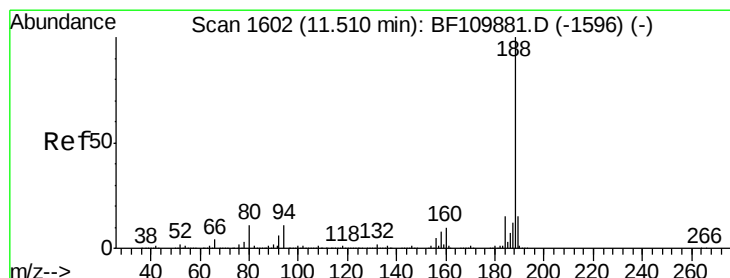
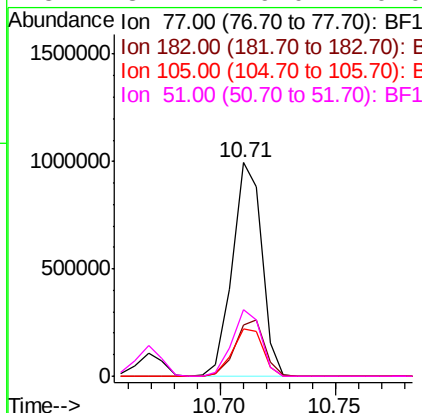
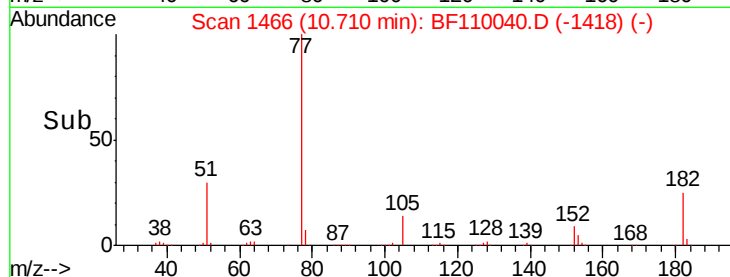
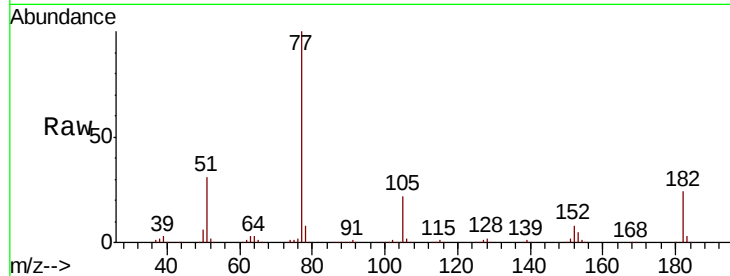
#63  
Azobenzene  
Concen: 37.969 ng  
RT: 10.71 min Scan# 1466  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.9  | 4.3   | 44.3  |
| 105     | 22.4  | 1.3   | 41.3  |
| 51      | 31.4  | 9.0   | 49.0  |

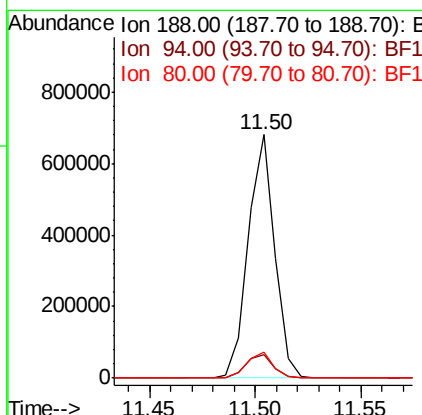
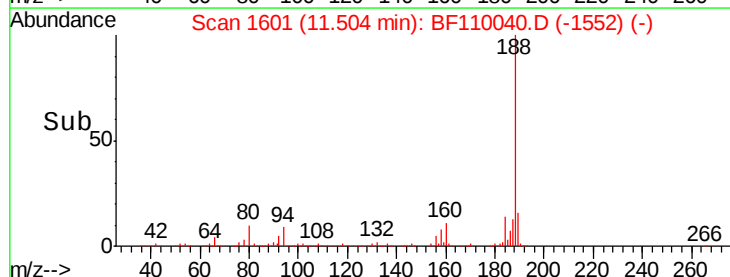
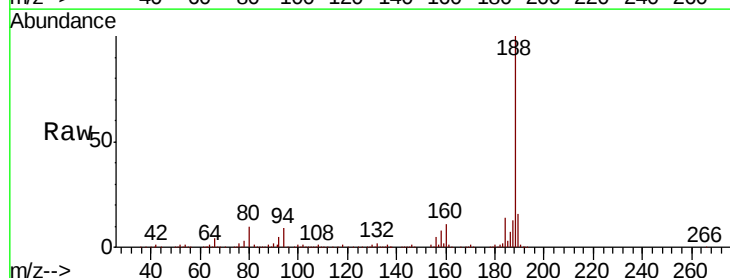
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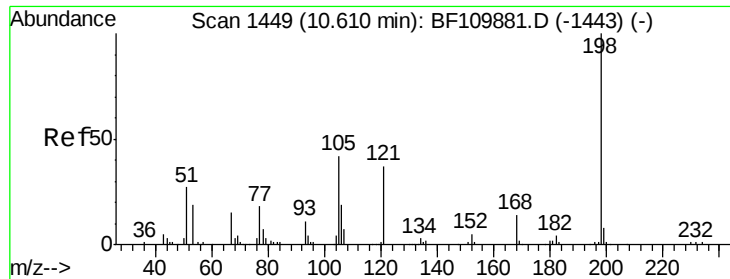
Sohil  
10/23/2018 2:18:30 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1601  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.5   | 7.2   | 10.8  |
| 80      | 10.4  | 7.9   | 11.9  |





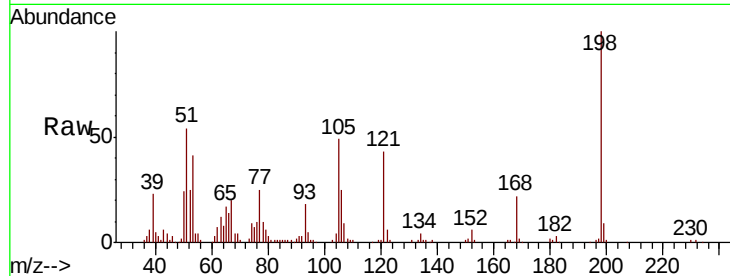
#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.193 ng  
RT: 10.60 min Scan# 1448  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

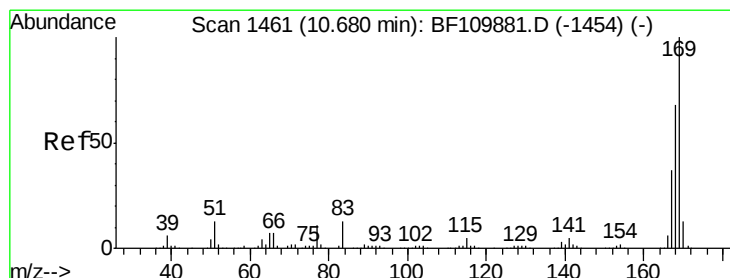
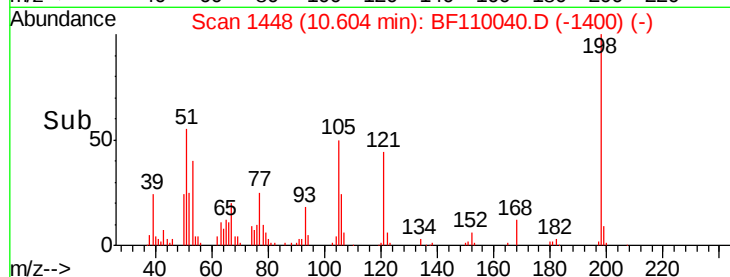
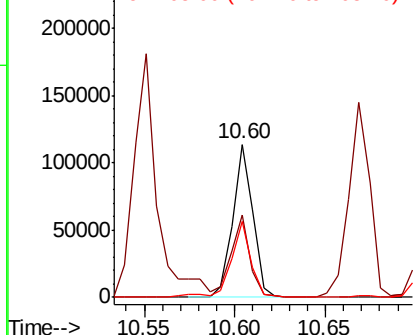
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 87896 |       |       |
| 51      | 54.0  |       | 22.8  | 62.8  |
| 105     | 49.2  |       | 23.6  | 63.6  |

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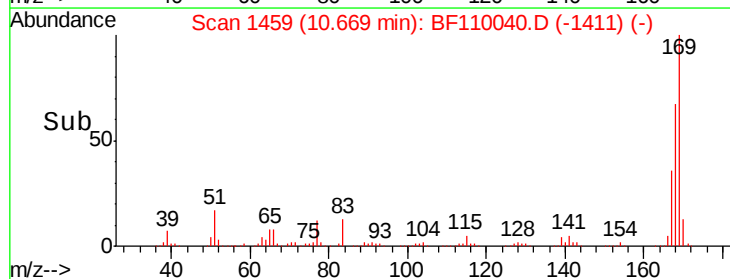
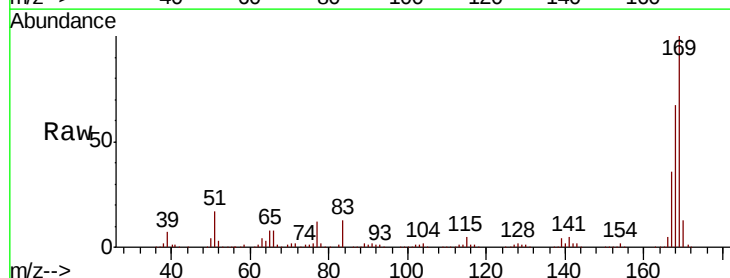
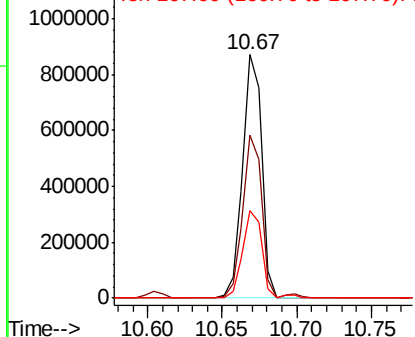
Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

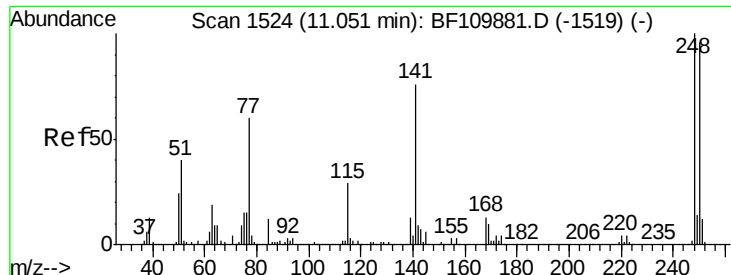


#66  
n-Nitrosodiphenylamine  
Concen: 39.431 ng  
RT: 10.67 min Scan# 1459  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 776250 |       |       |
| 168     | 67.1  |        | 51.2  | 76.8  |
| 167     | 36.0  |        | 27.8  | 41.6  |

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





#67

4-Bromophenyl-phenylether

Concen: 40.071 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

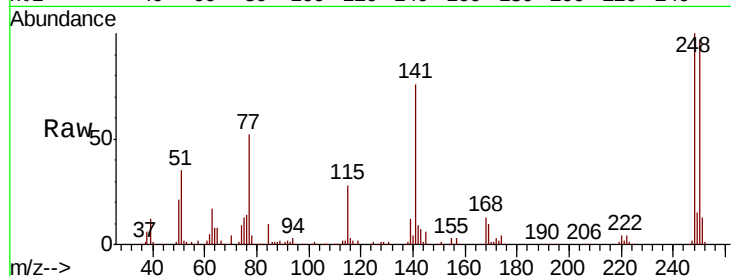
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 256677 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.7  | 79.4  | 119.2  |
| 141       | 75.5  | 55.9  | 83.9   |

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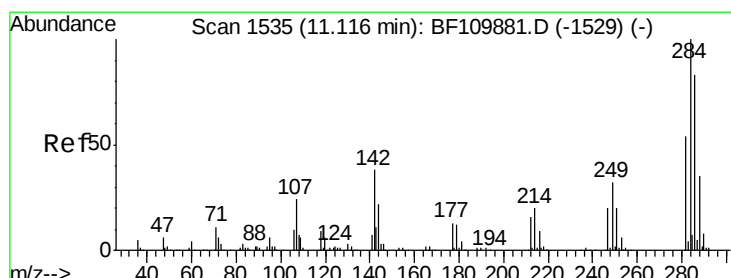
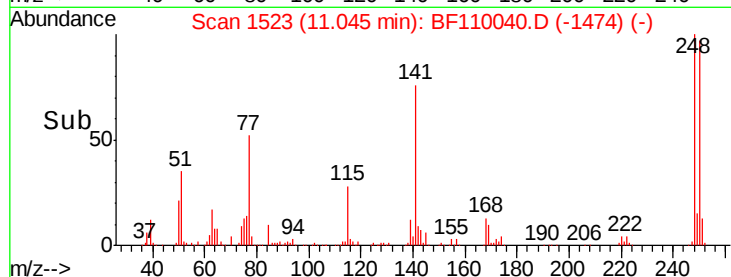
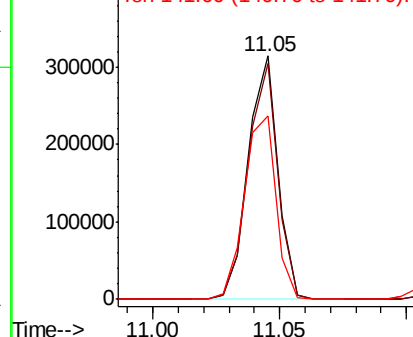


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.355 ng

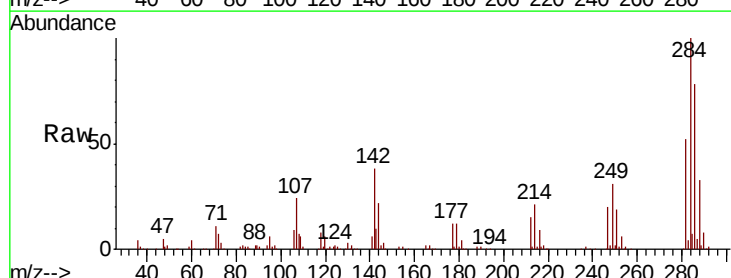
RT: 11.11 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 268825 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 38.2  | 23.9  | 35.9#  |
| 249       | 30.8  | 24.2  | 36.2   |

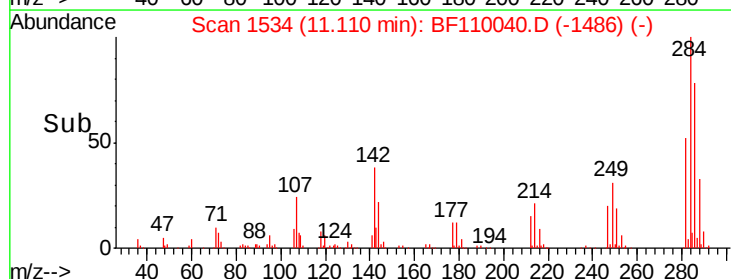
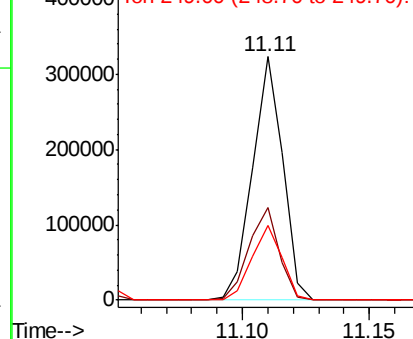


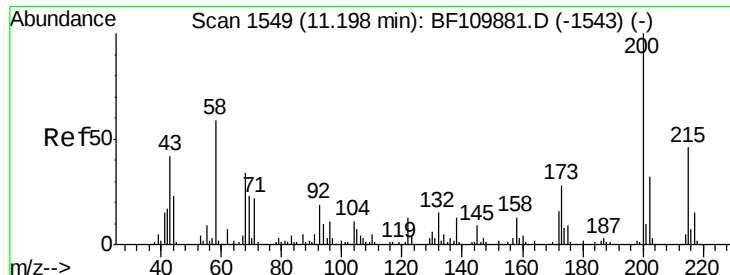
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





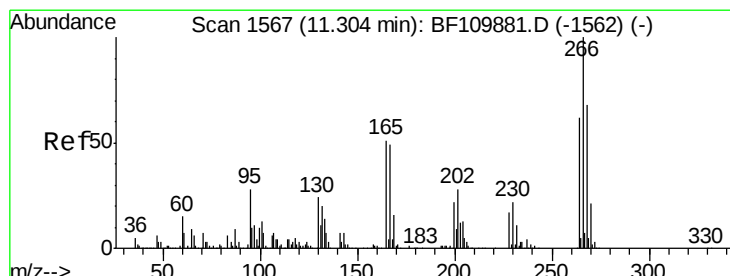
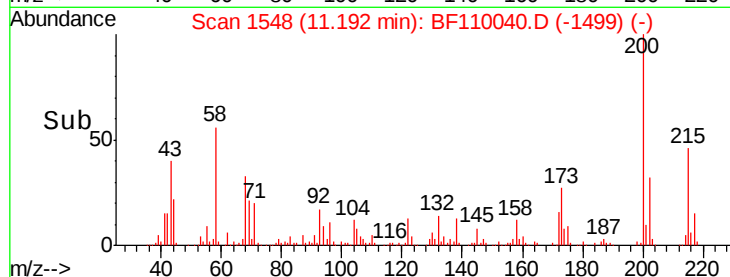
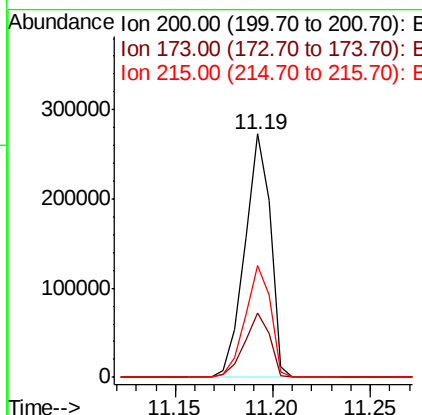
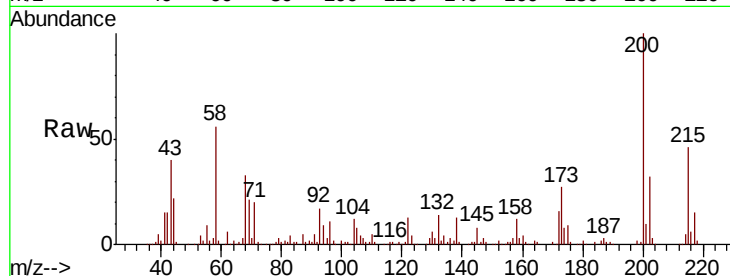
#69  
Atrazine  
Concen: 40.338 ng  
RT: 11.19 min Scan# 1548  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 26.7  | 6.6        | 46.6  |
| 215     | 45.9  | 26.3       | 66.3  |

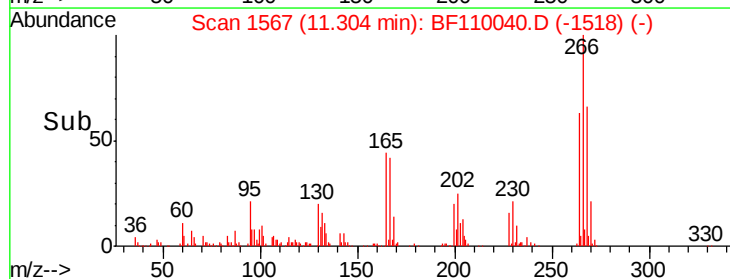
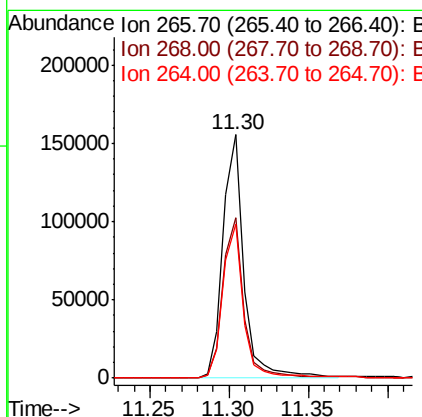
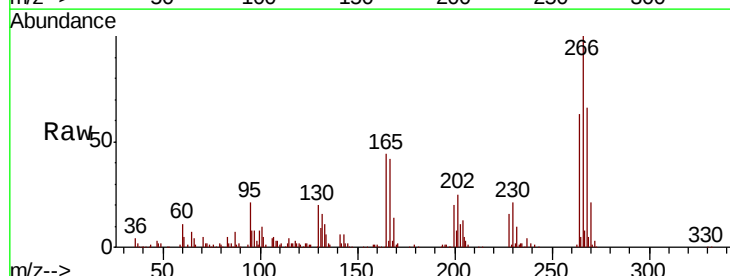
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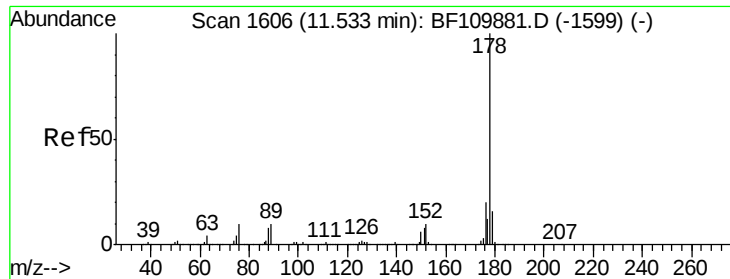
Sohil  
10/23/2018 2:18:30 PM



#70  
Pentachlorophenol  
Concen: 36.759 ng  
RT: 11.30 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 66.0  | 50.6       | 75.8  |
| 264     | 63.3  | 50.6       | 75.8  |





#71

Phenanthrene

Concen: 39.278 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1201899

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

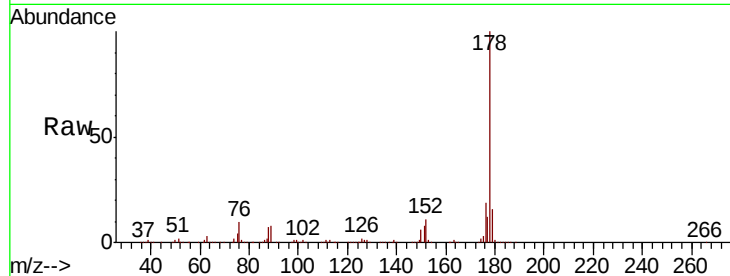
179 15.6 12.5 18.7

Manual Integrations

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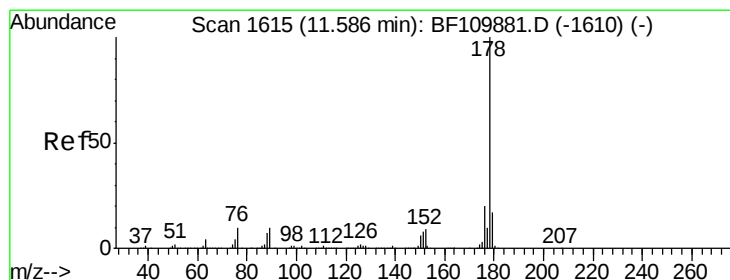
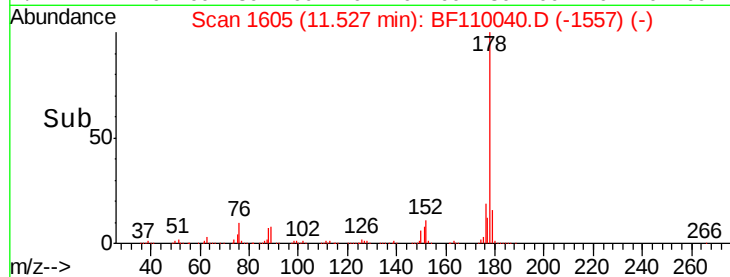
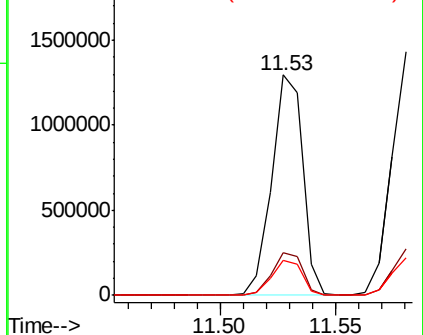
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.665 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Tgt Ion:178 Resp: 1220242

Ion Ratio Lower Upper

178 100

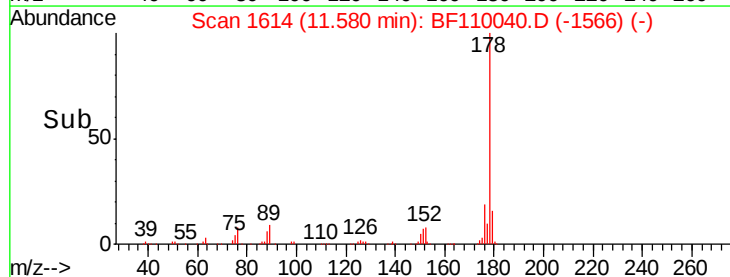
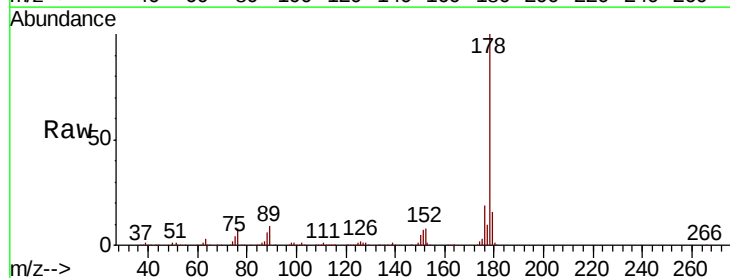
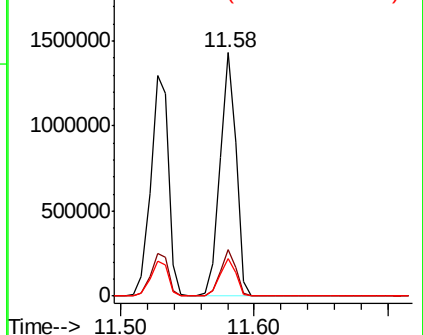
176 19.0 15.4 23.2

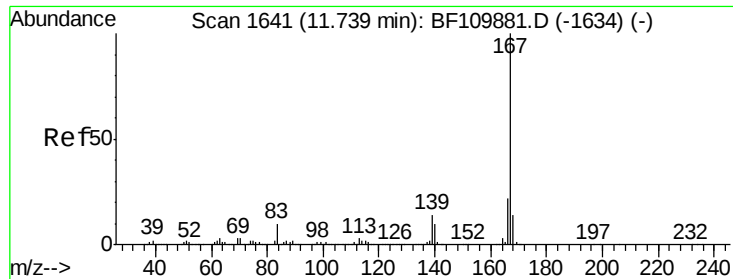
179 15.6 12.6 18.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73  
 Carbazole  
 Concen: 38.495 ng  
 RT: 11.73 min Scan# 1640  
 Delta R.T. -0.01 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

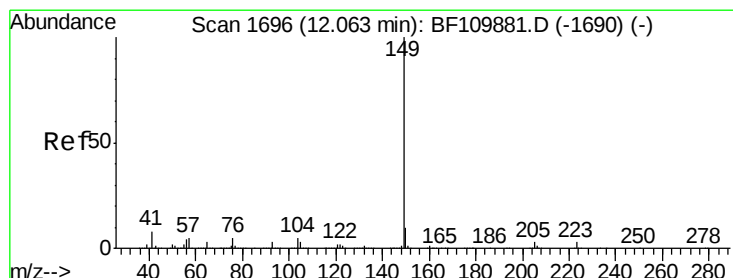
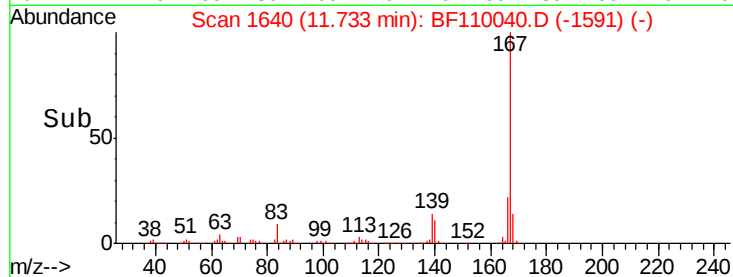
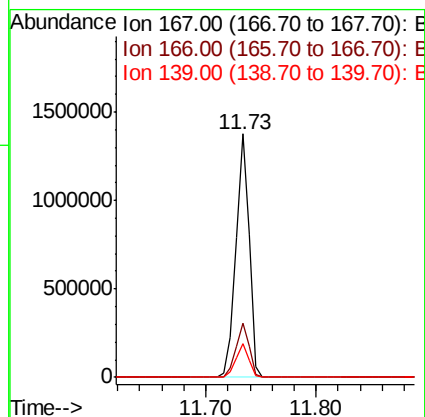
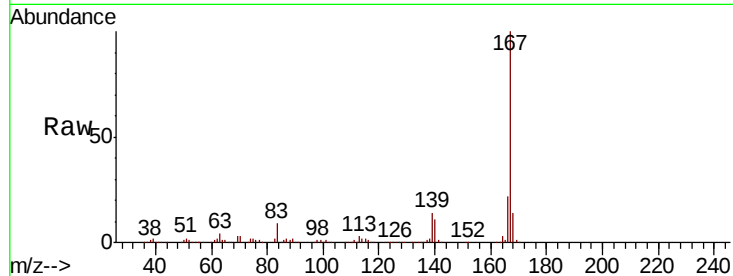
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:167 Resp: 1163863  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.1  | 17.4  | 26.0  |
| 139 | 13.7  | 10.9  | 16.3  |

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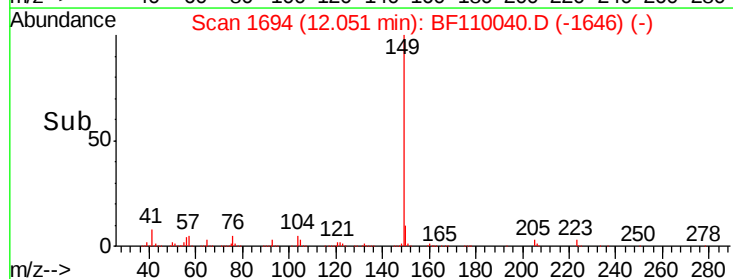
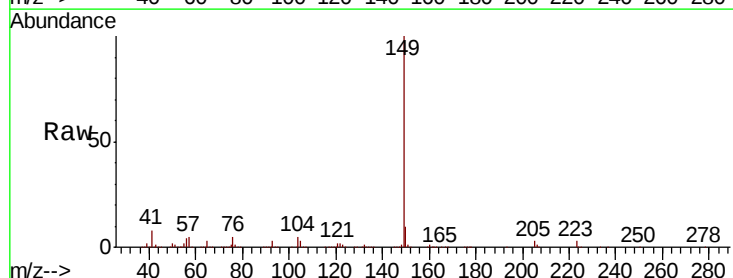
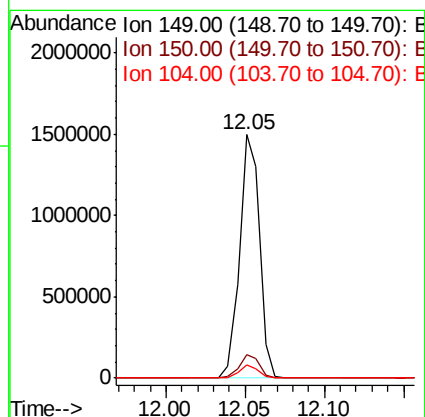
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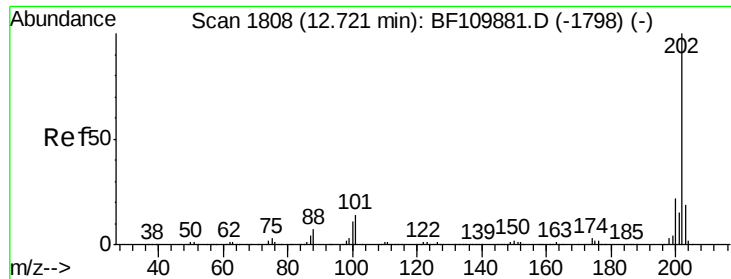


#74  
 Di-n-butylphthalate  
 Concen: 38.499 ng  
 RT: 12.05 min Scan# 1694  
 Delta R.T. -0.02 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

Tgt Ion:149 Resp: 1299028  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.6   | 7.7   | 11.5  |
| 104 | 5.3   | 4.2   | 6.4   |





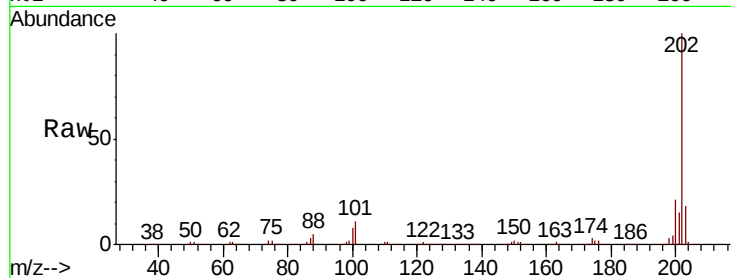
#75  
Fluoranthene  
Concen: 38.703 ng  
RT: 12.72 min Scan# 1808  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.9  | 0.0   | 31.4  |
| 203     | 17.6  | 0.0   | 37.7  |

Manual Integrations  
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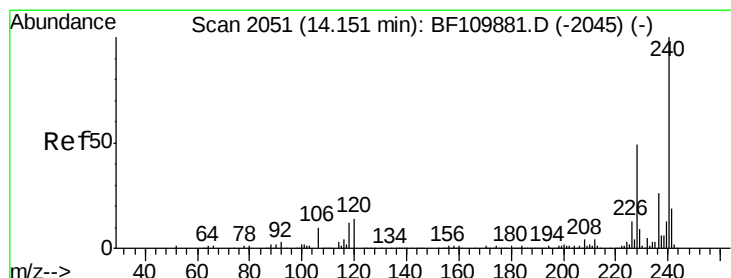
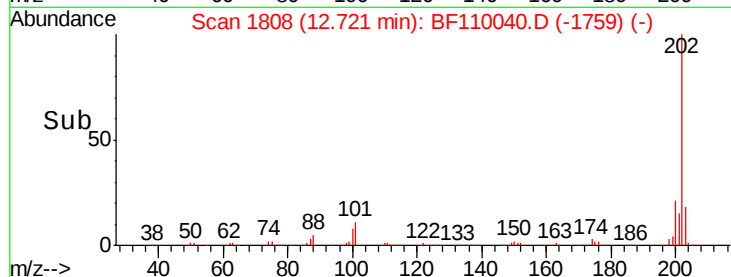
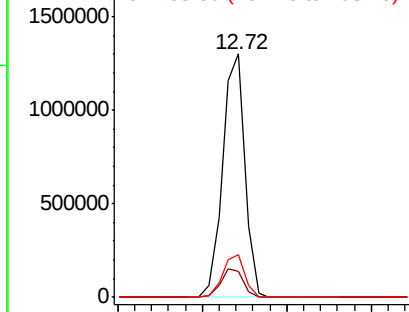


Abundance

Ion 202.00 (201.70 to 202.70): E

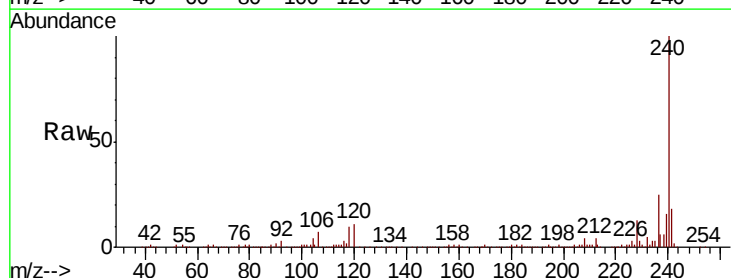
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.15 min Scan# 2051  
Delta R.T. -0.01 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.1  | 8.3   | 12.5  |
| 236     | 24.8  | 21.2  | 31.8  |

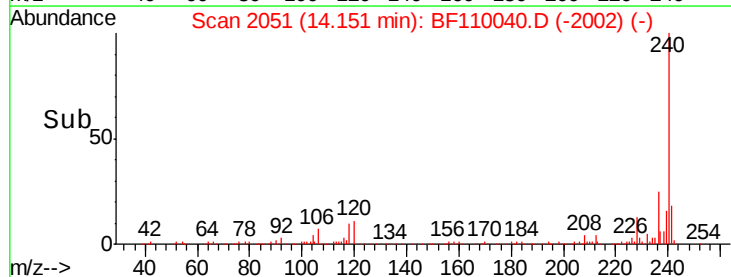
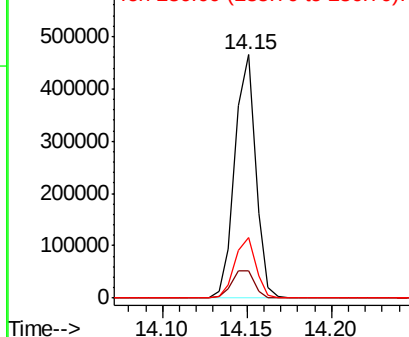


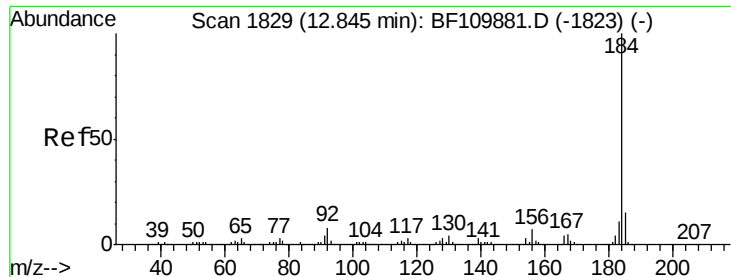
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.128 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

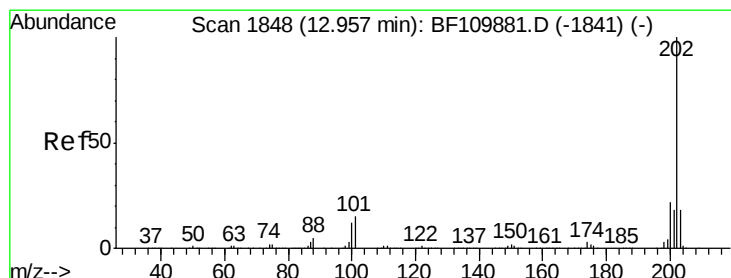
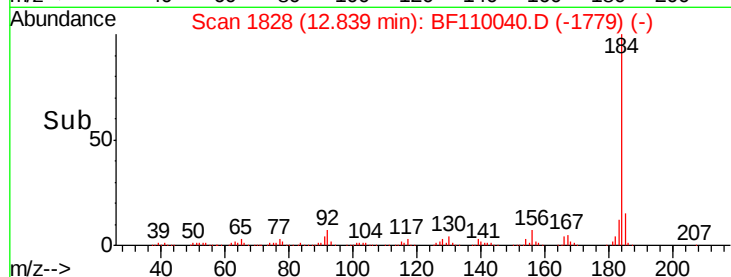
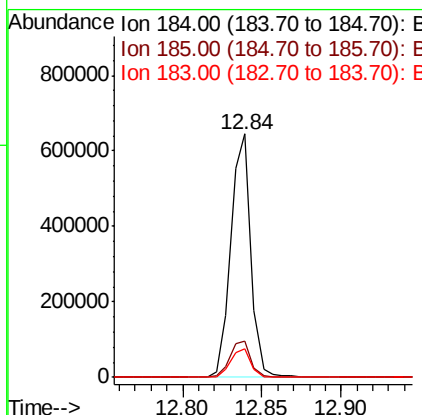
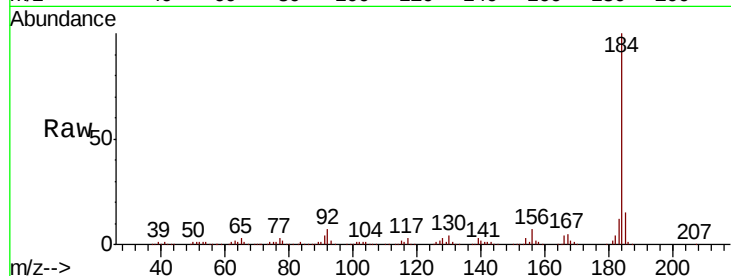
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 566370 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.1  | 13.4  | 20.2   |
| 183       | 11.8  | 9.4   | 14.2   |

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#78

Pyrene

Concen: 41.315 ng

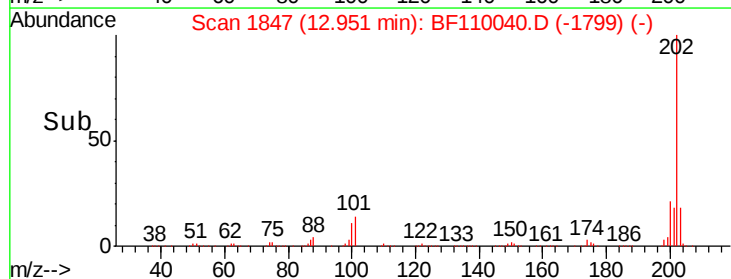
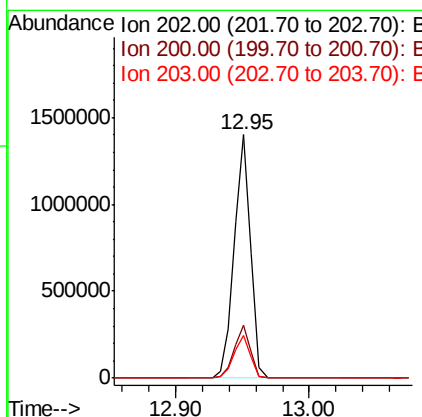
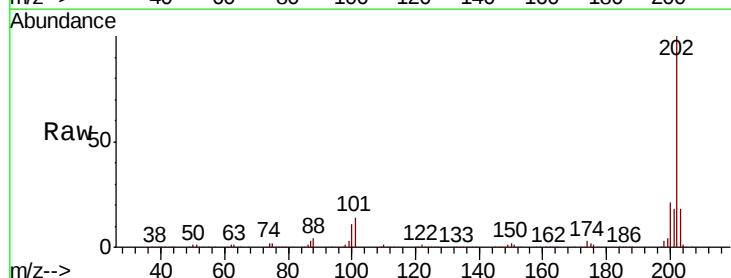
RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1207303 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.5  | 17.8  | 26.6    |
| 203       | 17.7  | 14.2  | 21.4    |





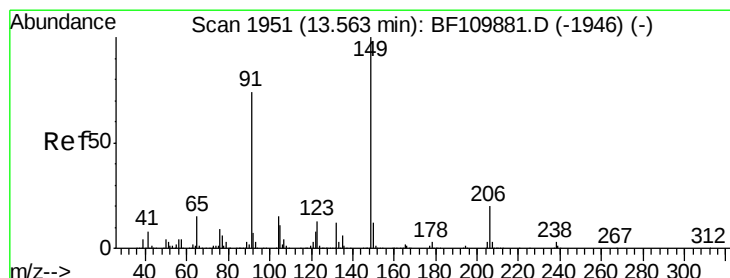
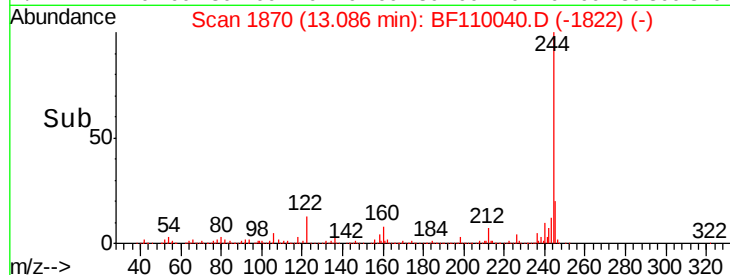
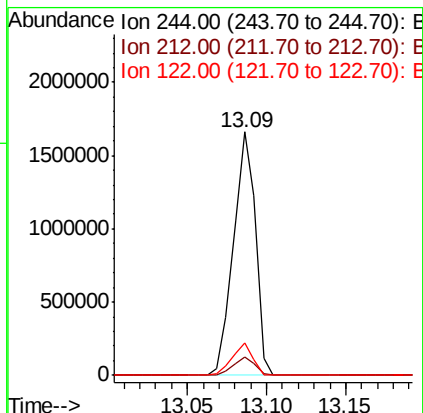
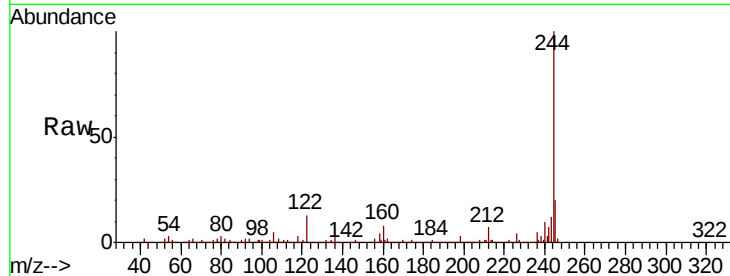
#79  
 Terphenyl-d14  
 Concen: 84.356 ng  
 RT: 13.09 min Scan# 1870  
 Delta R.T. -0.02 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.8   | 8.8   |
| 122     | 13.1  | 8.7   | 13.1# |

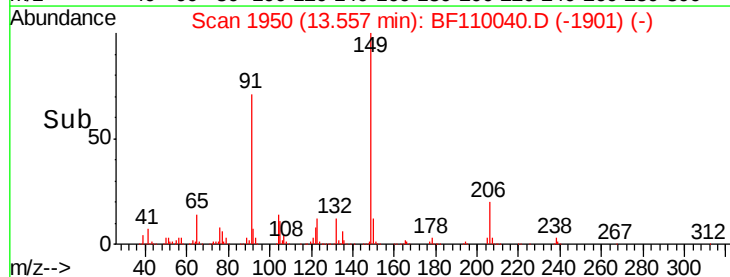
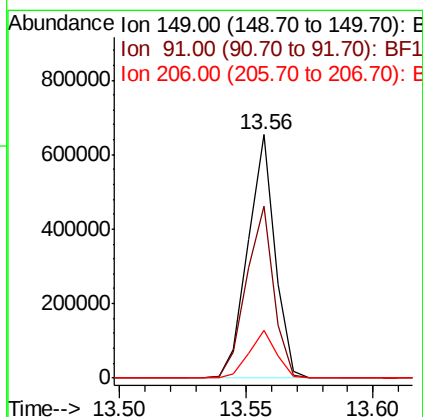
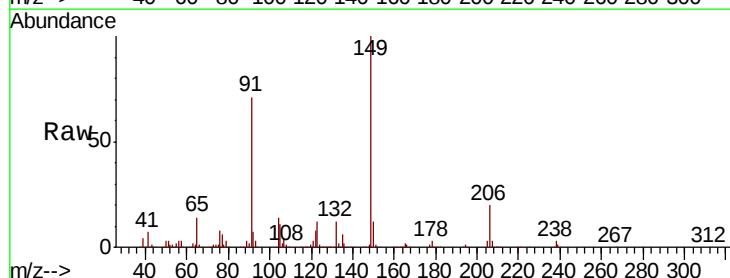
Manual Integrations  
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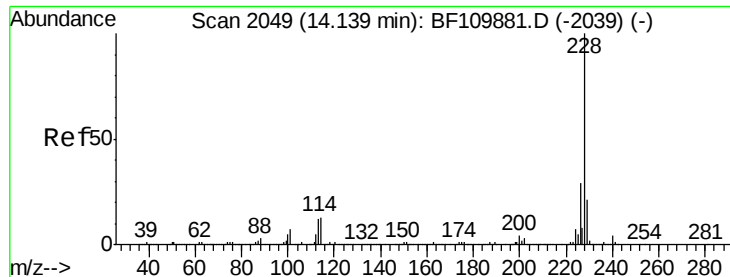
Sohil  
 10/23/2018 2:18:30 PM



#80  
 Butylbenzylphthalate  
 Concen: 41.136 ng  
 RT: 13.56 min Scan# 1950  
 Delta R.T. -0.01 min  
 Lab File: BF110040.D  
 Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.6  | 57.2  | 85.8  |
| 206     | 19.8  | 15.7  | 23.5  |





#81

Benzo(a)anthracene

Concen: 39.481 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

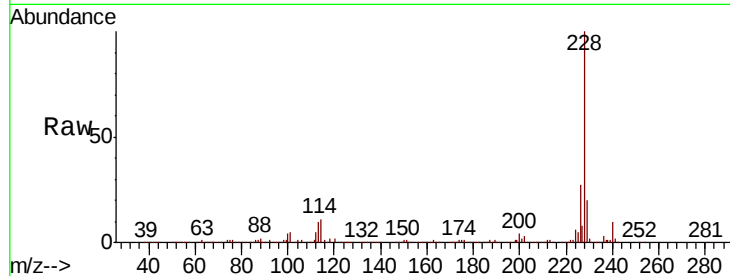
ClientSampled :

SSTDCCC040

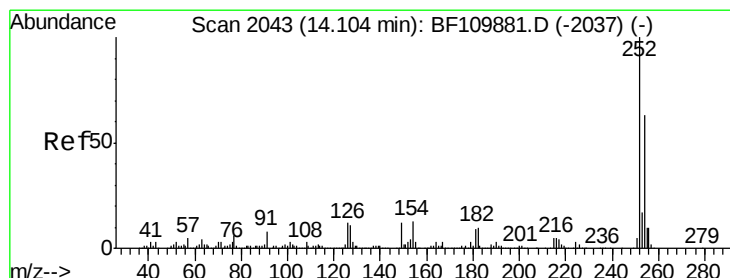
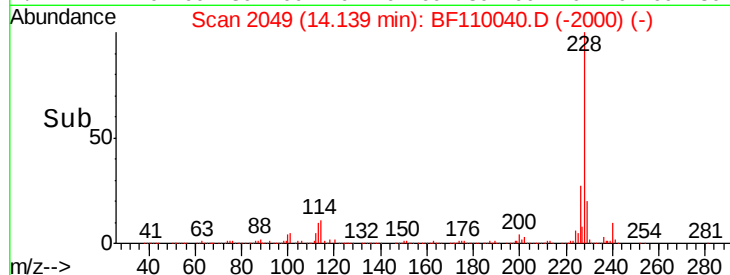
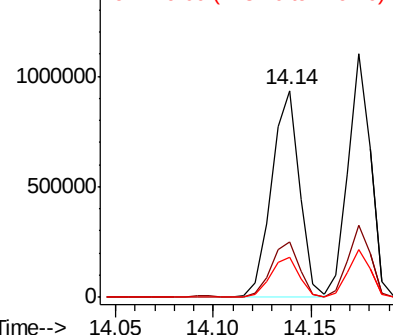
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 925253 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.1  | 22.1  | 33.1   |
| 229       | 19.5  | 15.6  | 23.4   |

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Abundance Ion 228.00 (227.70 to 228.70): E  
1500000  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.951 ng

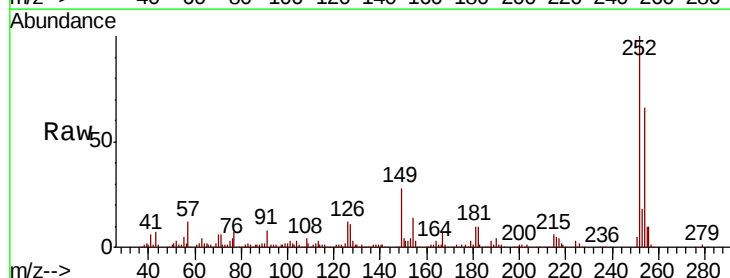
RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

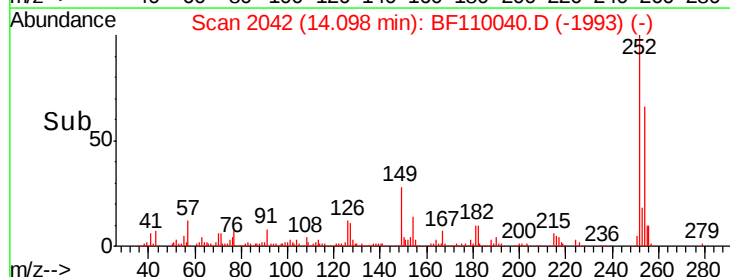
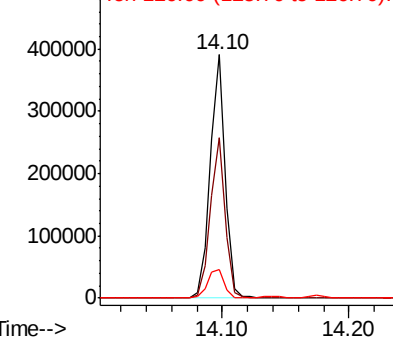
Lab File: BF110040.D

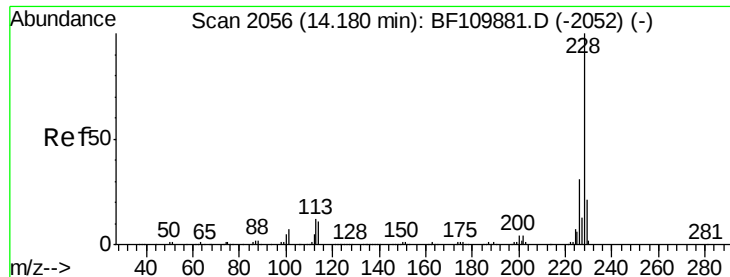
Acq: 22 Oct 2018 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 320019 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 66.0  | 51.3  | 76.9   |
| 126       | 12.0  | 9.4   | 14.2   |



Abundance Ion 252.00 (251.70 to 252.70): E  
500000  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.747 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110040.D

Acq: 22 Oct 2018 10:58

Instrument :

BNA\_F

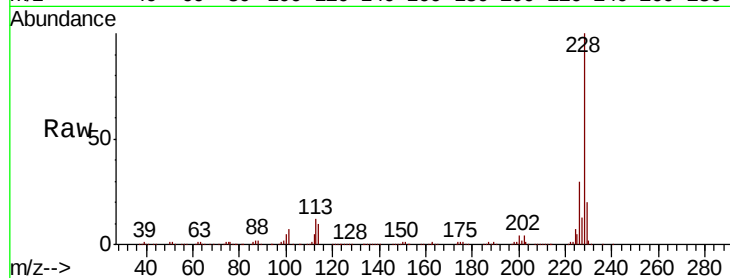
ClientSampleId :

SSTDCCC040

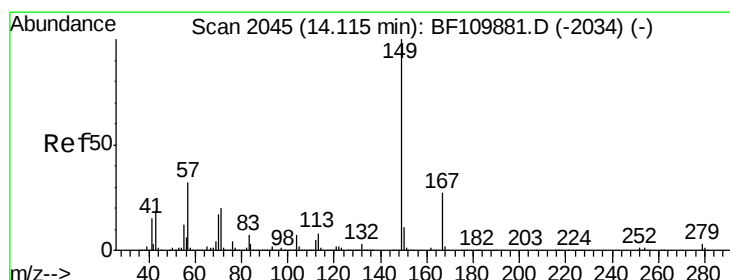
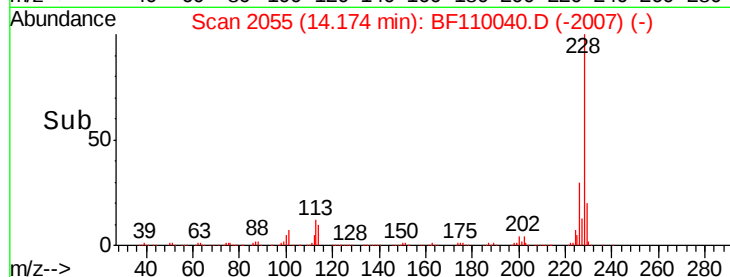
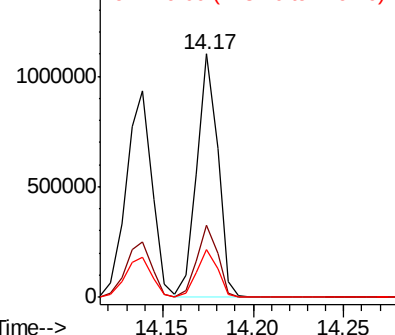
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 886617 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 29.8 | 24.7  | 37.1   |
| 229       | 19.6 | 15.9  | 23.9   |

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Abundance Ion 228.00 (227.70 to 228.70): E  
1500000  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.305 ng

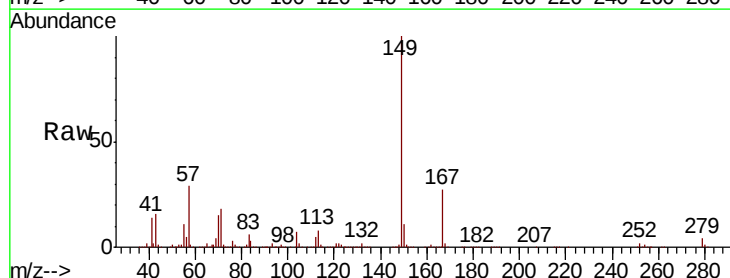
RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

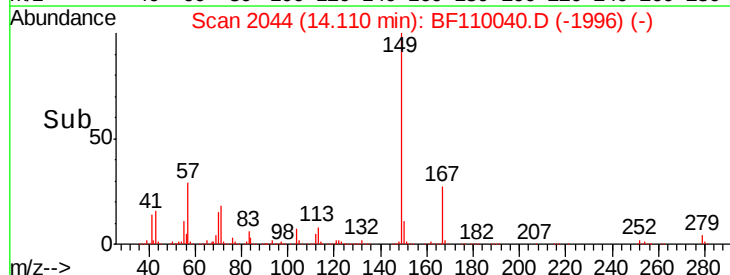
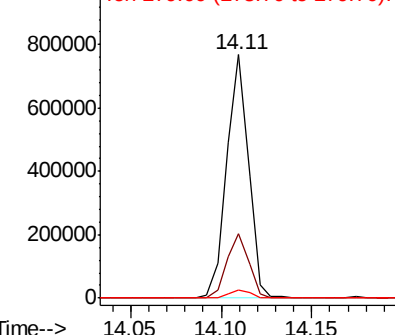
Lab File: BF110040.D

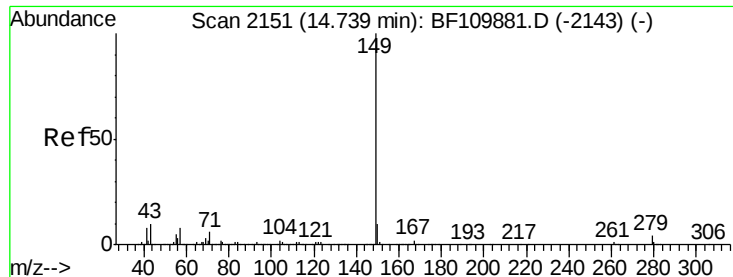
Acq: 22 Oct 2018 10:58

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 642095 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 26.6 | 19.8  | 29.8   |
| 279       | 3.6  | 2.7   | 4.1    |



Abundance Ion 149.00 (148.70 to 149.70): E  
1000000  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





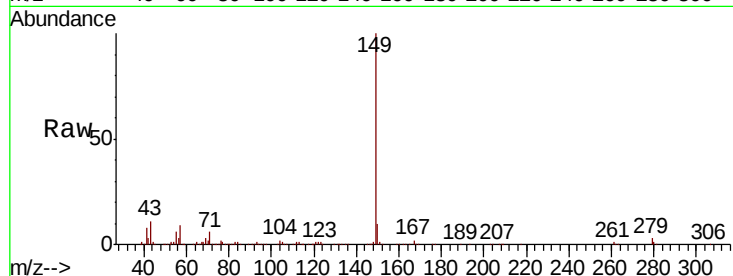
#85  
Di-n-octyl phthalate  
Concen: 44.533 ng  
RT: 14.73 min Scan# 2149  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.1   | 1.7   |
| 43      | 10.7  | 7.8   | 11.8  |

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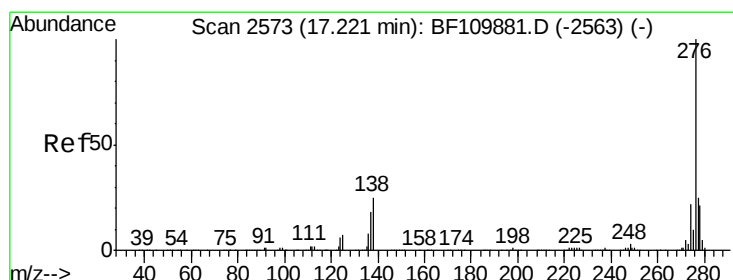
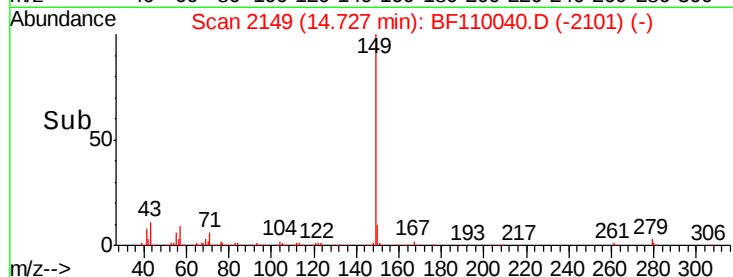
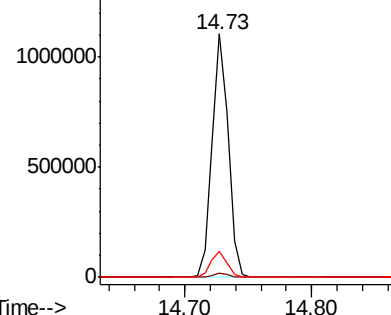


Abundance

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



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 45.695 ng  
RT: 17.23 min Scan# 2574  
Delta R.T. -0.04 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

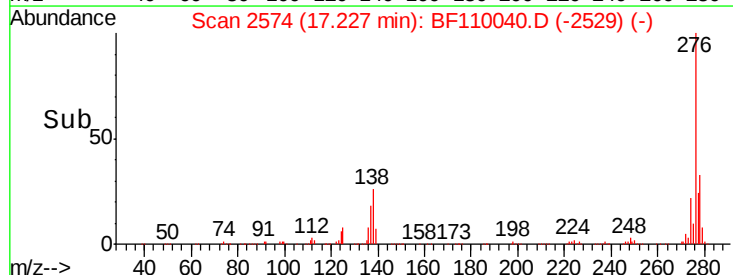
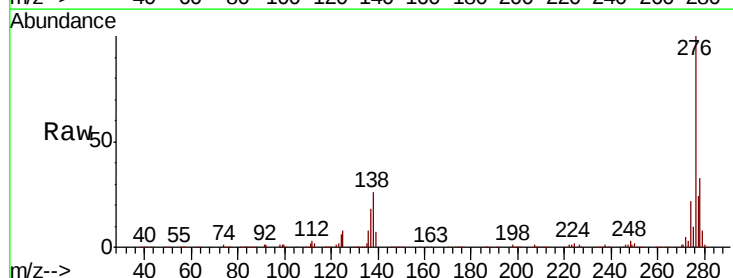
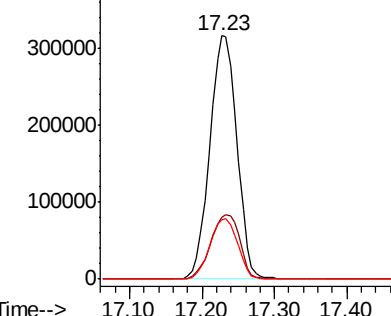
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 28.5  | 18.5  | 27.7# |
| 277     | 25.3  | 20.0  | 30.0  |

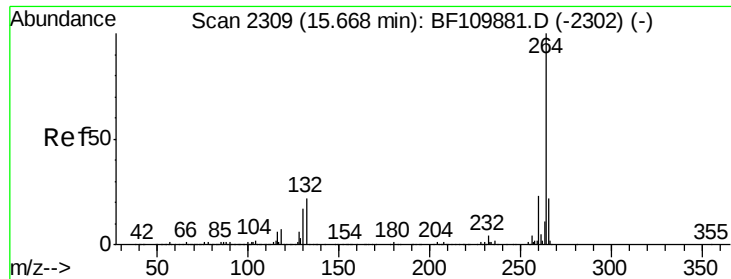
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





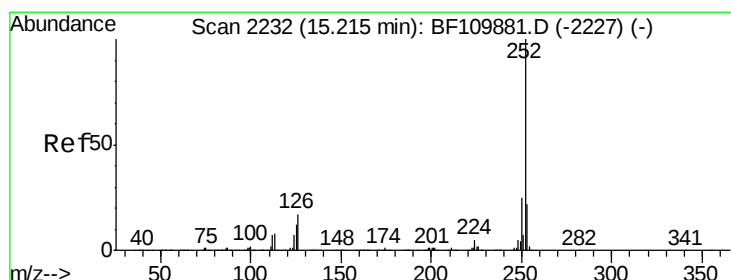
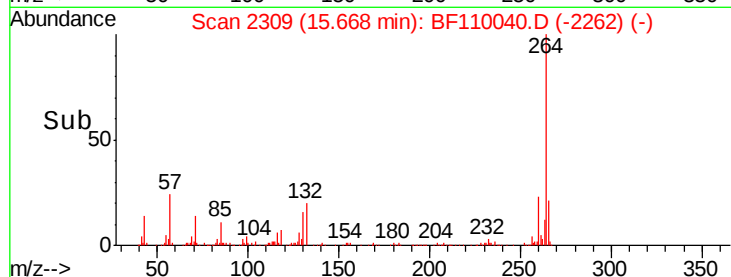
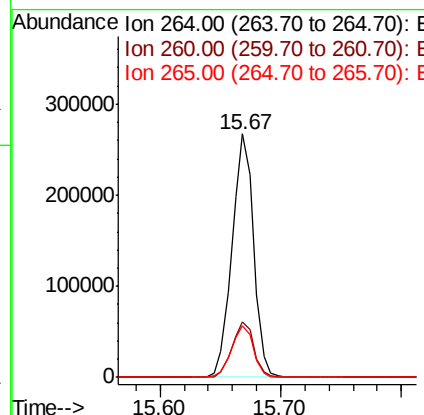
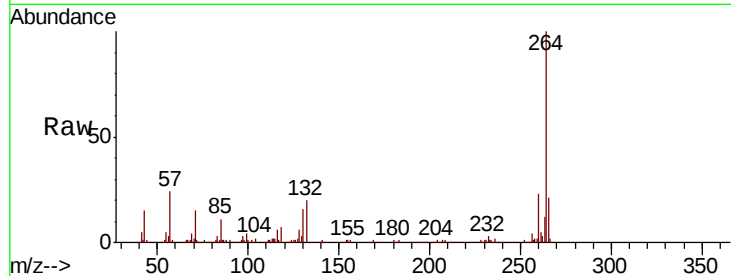
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.67 min Scan# 2309  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 18.7  | 28.1  |
| 265     | 20.9  | 16.7  | 25.1  |

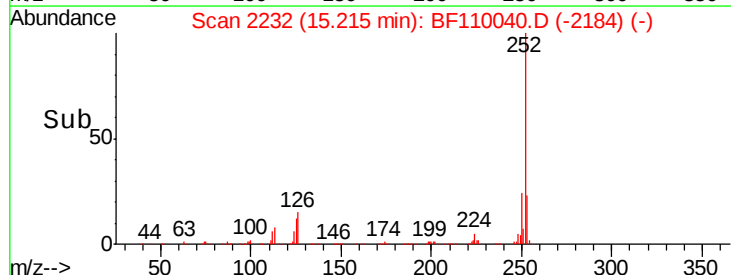
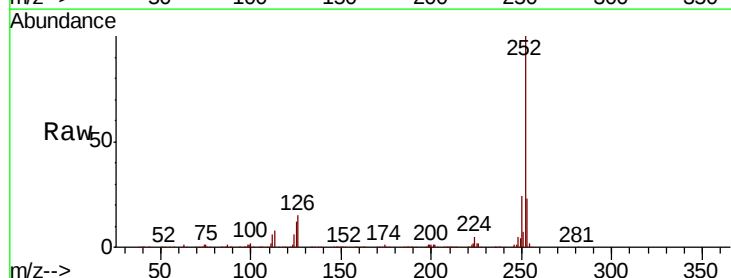
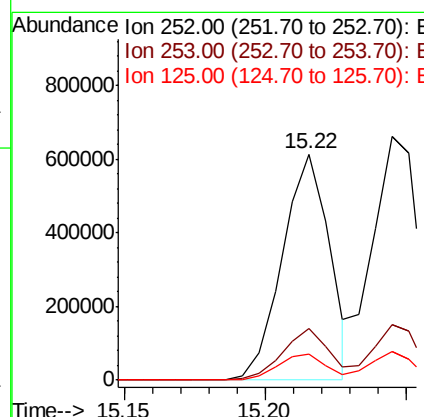
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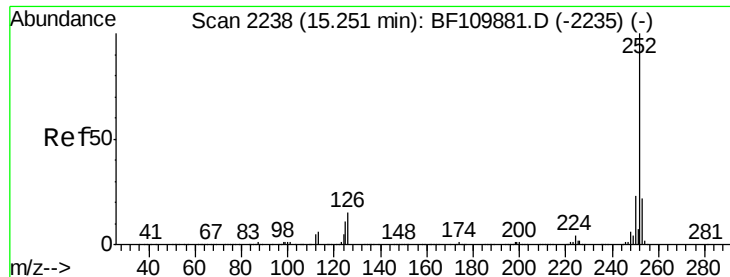
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#88  
Benzo(b)fluoranthene  
Concen: 37.425 ng  
RT: 15.22 min Scan# 2232  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.2  | 25.8  |
| 125     | 11.7  | 8.2   | 12.4  |





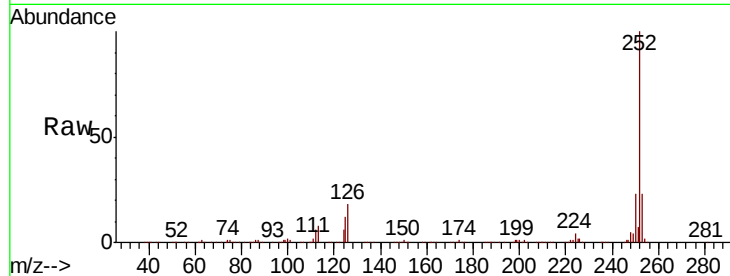
#89  
Benzo(k)fluoranthene  
Concen: 40.076 ng  
RT: 15.24 min Scan# 2237  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.2  | 25.8  |
| 125     | 11.8  | 7.4   | 11.0  |

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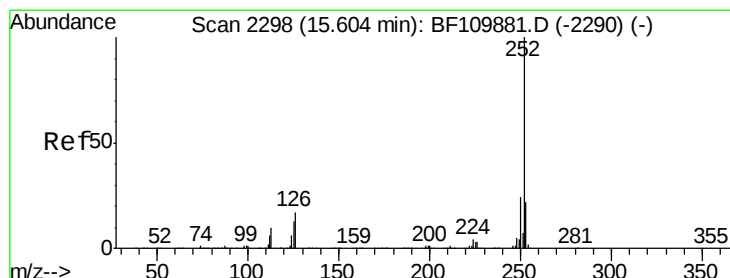
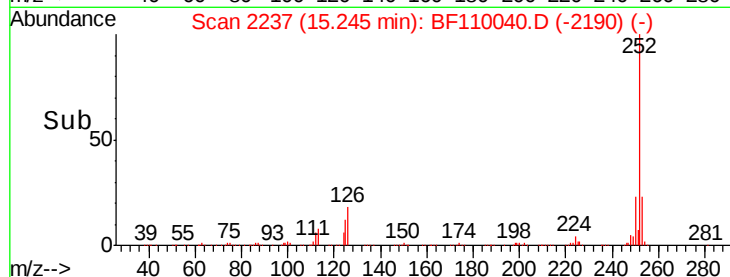
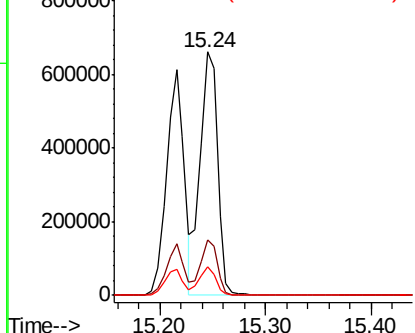


Abundance

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  
Benzo(a)pyrene  
Concen: 39.205 ng  
RT: 15.60 min Scan# 2298  
Delta R.T. -0.02 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

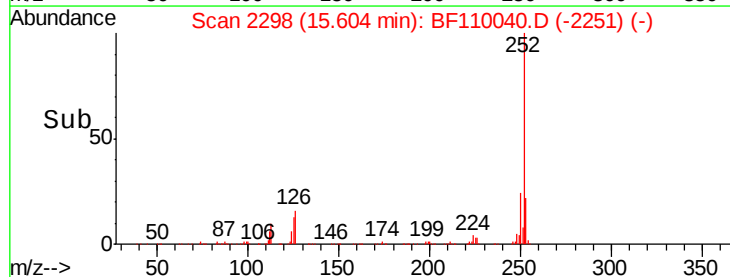
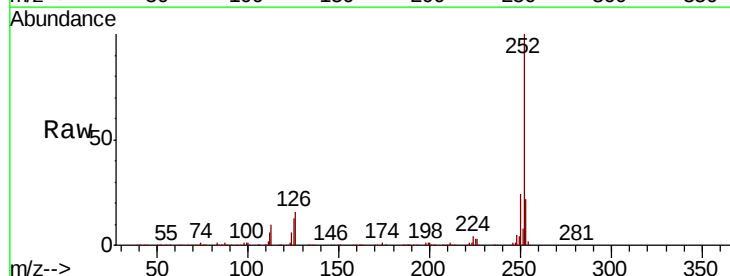
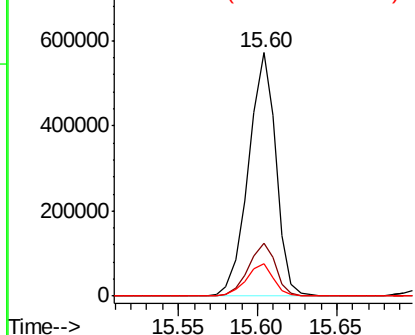
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.2  | 27.4  |
| 125     | 13.1  | 9.0   | 13.6  |

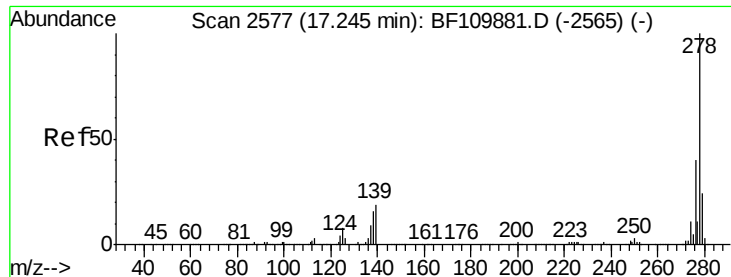
Abundance

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





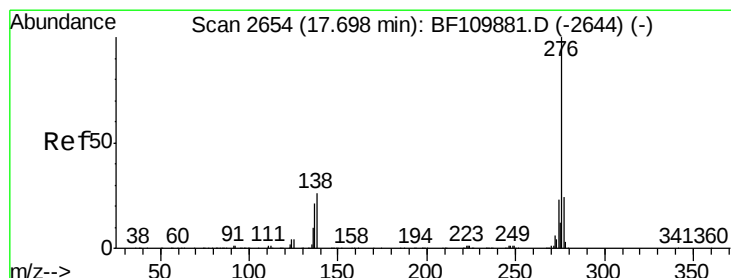
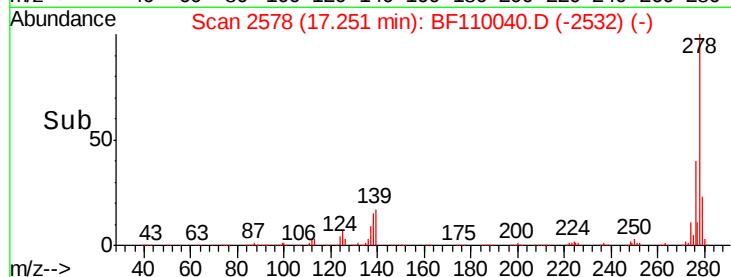
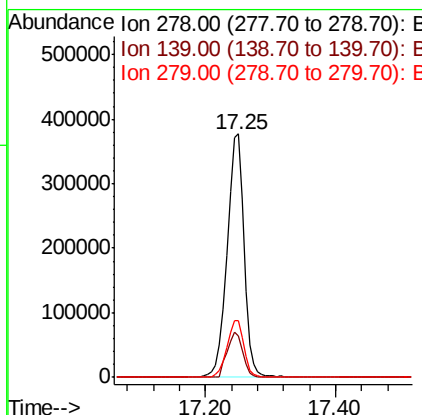
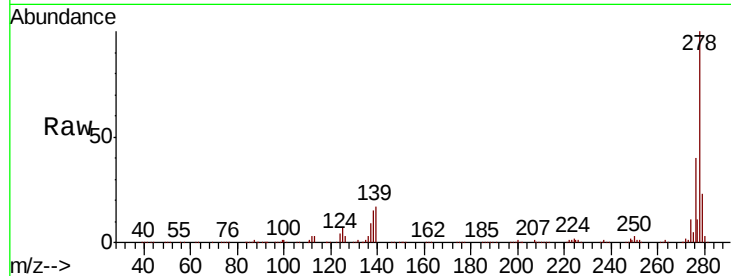
#91  
Dibenzo(a,h)anthracene  
Concen: 43.793 ng  
RT: 17.25 min Scan# 2578  
Delta R.T. -0.03 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.2  | 12.7  | 19.1  |
| 279     | 23.2  | 19.0  | 28.4  |

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#92  
Benzo(g,h,i)perylene  
Concen: 43.332 ng  
RT: 17.70 min Scan# 2655  
Delta R.T. -0.04 min  
Lab File: BF110040.D  
Acq: 22 Oct 2018 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 18.8  | 28.2  |
| 138     | 25.7  | 16.0  | 24.0# |

