

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\  
 Data File : BF104650.D  
 Acq On : 20 Apr 2018 1:09  
 Operator : JU/SJ  
 Sample : PB108340BS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

Manual Integrations  
 APPROVED

Sohil  
 4/20/2018 3:05:39 PM

Quant Time: Apr 20 02:28:28 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 19 14:44:03 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 134889   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 540196   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 231594   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 371461   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.98 | 240  | 266918   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.44 | 264  | 230541   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 942325  | 106.82 | ng | 0.02 |
| 7) Phenol-d6             | 6.45  | 99  | 1171974 | 108.13 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 745904  | 90.16  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 274549  | 114.28 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.17  | 172 | 1280952 | 87.38  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 1014132 | 86.62  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.59 | 88  | 131218 | 31.922 | ng | # 89   |
| 3) Pyridine                    | 3.32 | 79  | 374792 | 32.430 | ng | 86     |
| 4) n-Nitrosodimethylamine      | 3.28 | 42  | 146235 | 36.198 | ng | # 72   |
| 6) Aniline                     | 6.47 | 93  | 126207 | 8.381  | ng | # 32   |
| 8) 2-Chlorophenol              | 6.59 | 128 | 356922 | 38.333 | ng | 98     |
| 9) Benzaldehyde                | 6.36 | 77  | 202775 | 35.690 | ng | 96     |
| 10) Phenol                     | 6.46 | 94  | 408780 | 35.544 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 335129 | 36.516 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 374506 | 35.504 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 381277 | 36.260 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 350090 | 35.928 | ng | 100    |
| 15) Benzyl Alcohol             | 6.95 | 79  | 289341 | 35.146 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 425272 | 34.505 | ng | 85     |
| 17) 2-Methylphenol             | 7.07 | 107 | 300502 | 37.128 | ng | 93     |
| 18) Hexachloroethane           | 7.32 | 117 | 114757 | 30.610 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 230692 | 32.570 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 364711 | 36.333 | ng | # 74   |
| 22) Acetophenone               | 7.22 | 105 | 469679 | 35.316 | ng | 99     |
| 24) Nitrobenzene               | 7.39 | 77  | 362600 | 39.699 | ng | 97     |
| 25) Isophorone                 | 7.63 | 82  | 661889 | 37.835 | ng | 98     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 182089 | 48.970 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 311911 | 40.400 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 430054 | 40.207 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 294301 | 39.951 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 298593 | 36.934 | ng | 99     |
| 31) Naphthalene                | 8.11 | 128 | 992110 | 36.883 | ng | 100    |
| 32) Benzoic acid               | 7.87 | 122 | 211687 | 34.364 | ng | 96     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 59430  | 5.157  | ng | 95     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 162737 | 36.750 | ng | 98     |
| 35) Caprolactam                | 8.54 | 113 | 98837m | 38.460 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 307137 | 38.883 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 649371 | 37.321 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 277786 | 41.901 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.95 | 237 | 71053  | 19.144 | ng | 98     |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.09  | 196  | 190696   | 41.436 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 203262   | 39.469 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.27  | 154  | 762080   | 39.170 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 596417   | 38.811 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 181187   | 47.676 | nq    | 98       |
| 48) Acenaphthylene             | 9.71  | 152  | 881159   | 36.546 | nq    | 99       |
| 49) Dimethylphthalate          | 9.57  | 163  | 732065   | 40.085 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 153824   | 45.519 | nq    | 96       |
| 51) Acenaphthene               | 9.88  | 154  | 511398   | 34.763 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.80  | 138  | 64358    | 16.267 | nq    | 98       |
| 53) 2,4-Dinitrophenol          | 9.91  | 184  | 48683    | 44.944 | nq    | # 24     |
| 54) Dibenzofuran               | 10.05 | 168  | 772892   | 37.700 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 234744   | 75.535 | nq    | 98       |
| 56) 2,4-Dinitrotoluene         | 10.04 | 165  | 188335   | 42.487 | nq    | # 99     |
| 57) Fluorene                   | 10.40 | 166  | 583015   | 39.070 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 150383   | 39.141 | nq    | 94       |
| 59) Diethylphthalate           | 10.27 | 149  | 693648   | 38.136 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.39 | 204  | 276766   | 41.646 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.42 | 138  | 133664   | 34.554 | nq    | 90       |
| 62) Azobenzene                 | 10.55 | 77   | 631912   | 36.364 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 38348    | 25.300 | nq    | 89       |
| 65) n-Nitrosodiphenylamine     | 10.51 | 169  | 532092   | 41.313 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.87 | 248  | 169246   | 42.835 | nq    | 95       |
| 67) Hexachlorobenzene          | 10.95 | 284  | 177055   | 39.824 | nq    | # 86     |
| 68) Atrazine                   | 11.03 | 200  | 172963   | 44.491 | nq    | 100      |
| 69) Pentachlorophenol          | 11.14 | 266  | 163510   | 59.448 | nq    | 99       |
| 70) Phenanthrene               | 11.36 | 178  | 785993   | 37.996 | nq    | 99       |
| 71) Anthracene                 | 11.41 | 178  | 800886   | 38.087 | nq    | 100      |
| 72) Carbazole                  | 11.57 | 167  | 738121   | 35.922 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 995422   | 39.657 | nq    | 99       |
| 74) Fluoranthene               | 12.55 | 202  | 739799   | 34.229 | nq    | 97       |
| 76) Benzidine                  | 12.67 | 184  | 393431   | 45.017 | nq    | 98       |
| 77) Pyrene                     | 12.78 | 202  | 741415   | 37.474 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 366891   | 39.362 | nq    | 99       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 642932   | 40.319 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 216589   | 36.429 | nq    | 97       |
| 82) Chrysene                   | 14.01 | 228  | 612877   | 37.419 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 495428   | 41.323 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.57 | 149  | 810569   | 40.462 | nq    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.90 | 276  | 512641   | 36.844 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 15.02 | 252  | 575168   | 39.502 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 559451   | 40.698 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 523229   | 40.162 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.92 | 278  | 437126   | 40.853 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.34 | 276  | 416501   | 40.178 | nq    | 96       |

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

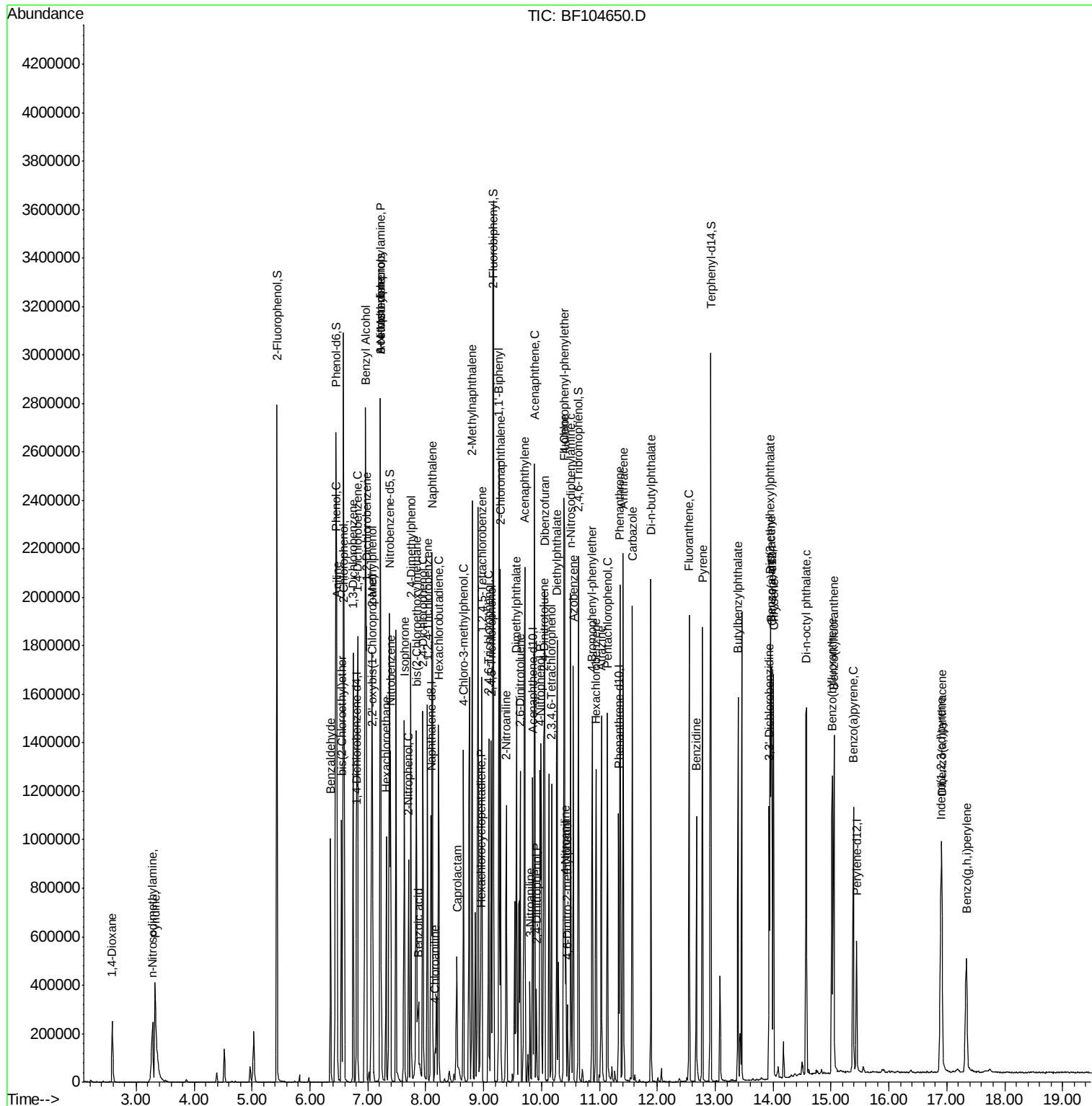
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\  
Data File : BF104650.D  
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Sample : PB108340BS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

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#1

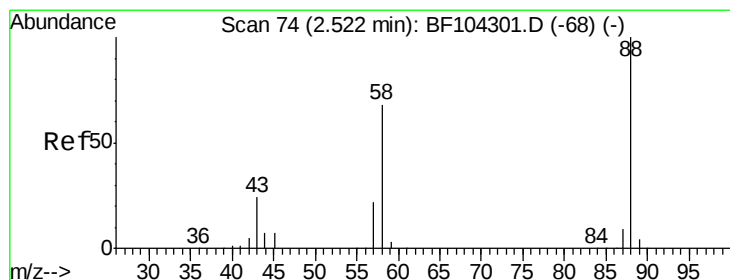
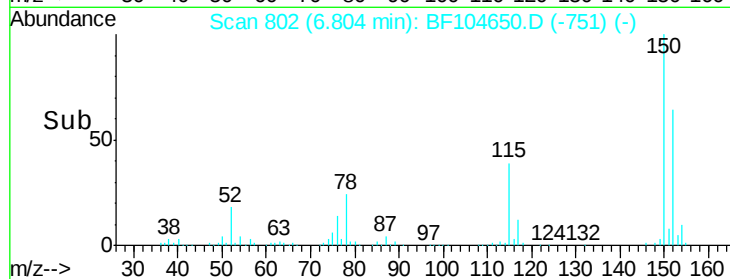
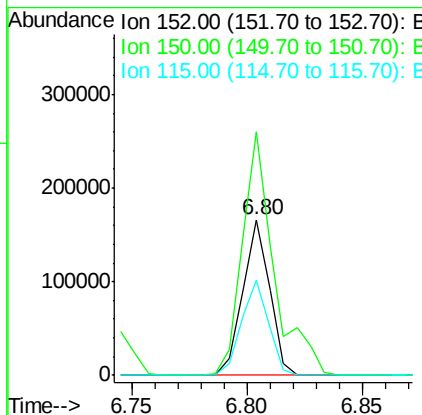
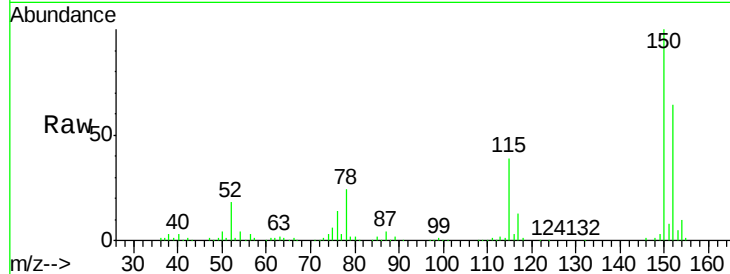
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 124.6 | 186.8 |
| 115     | 61.3  | 50.1  | 75.1  |

Manual Integrations  
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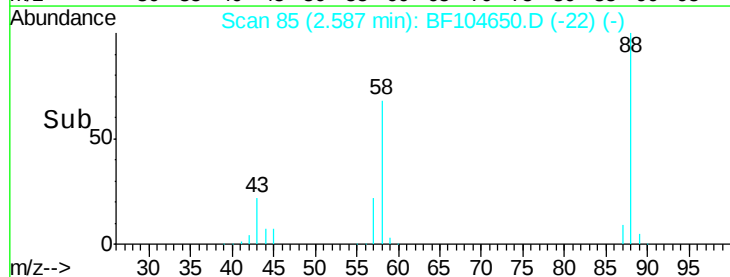
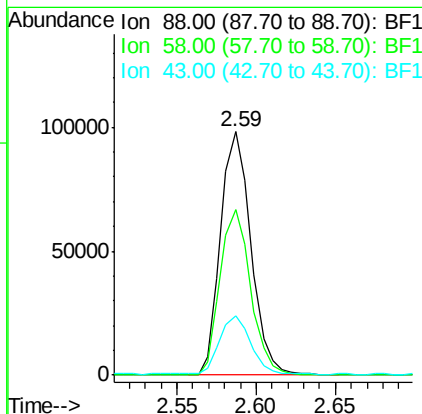
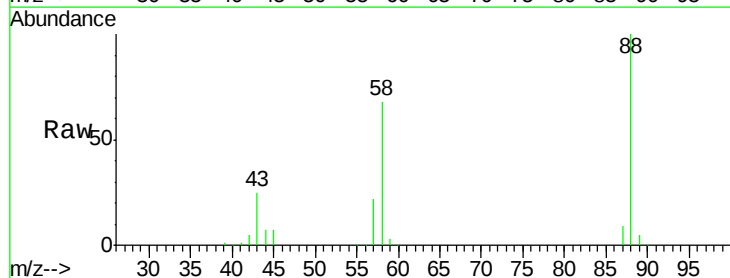
Sohil  
4/20/2018 3:05:39 PM

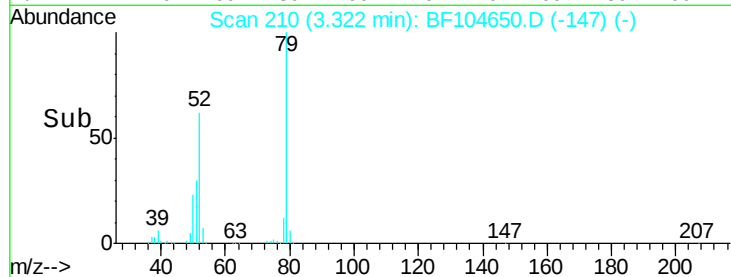
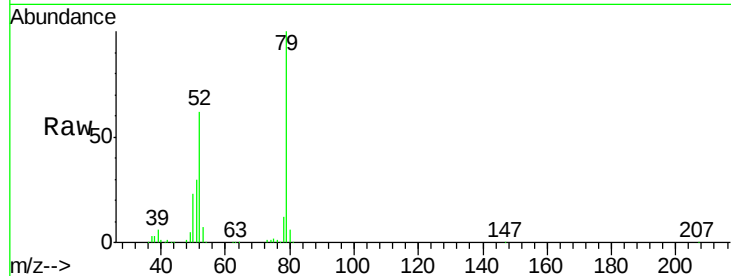
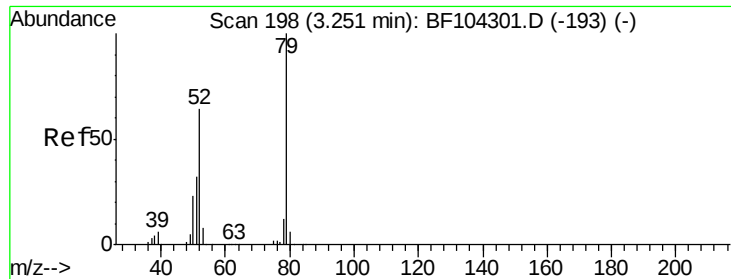


#2

1,4-Dioxane  
Concen: 31.922 ng  
RT: 2.59 min Scan# 85  
Delta R.T. 0.07 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.5  | 62.6  | 93.8  |
| 43      | 24.6  | 24.6  | 37.0  |





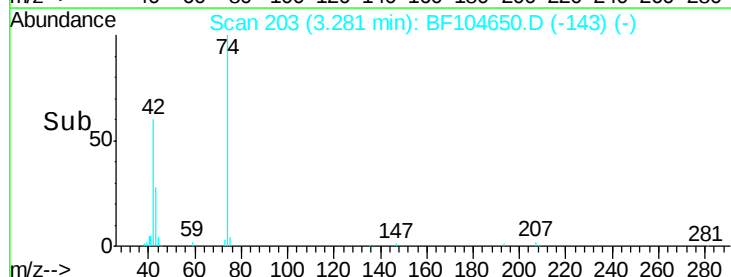
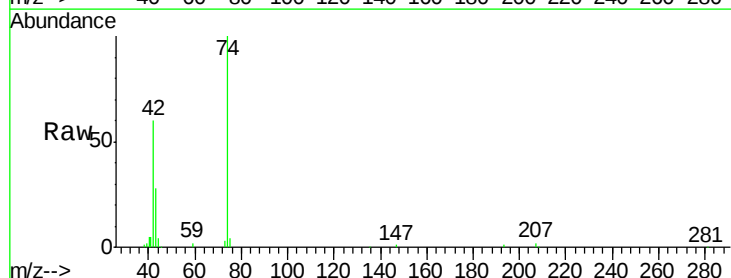
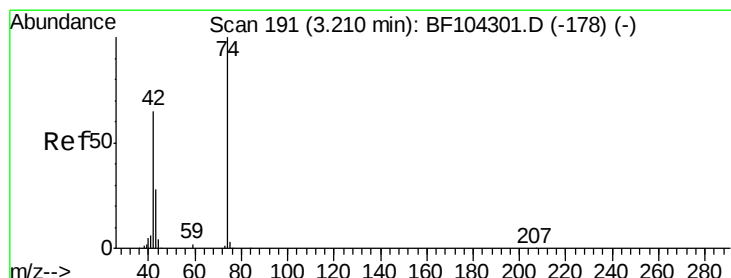
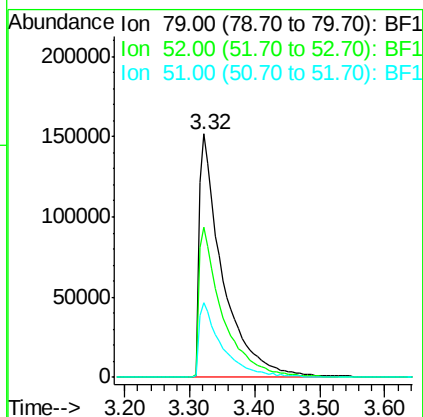
#3  
 Pvridine  
 Concen: 32.430 ng  
 RT: 3.32 min Scan# 210  
 Delta R.T. 0.07 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 61.9  | 59.8  | 89.6  |
| 51      | 30.5  | 29.8  | 44.8  |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

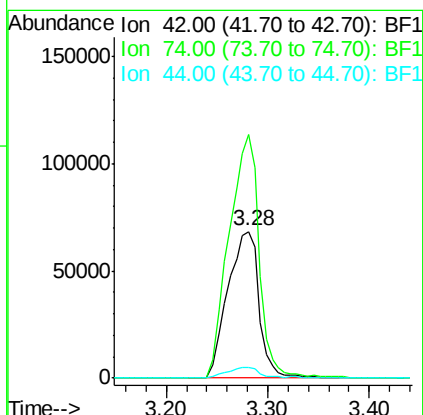
Manual Integrations  
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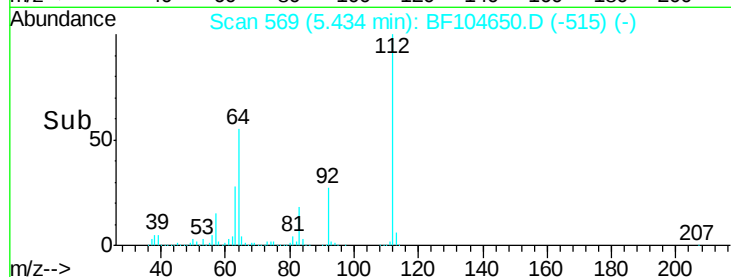
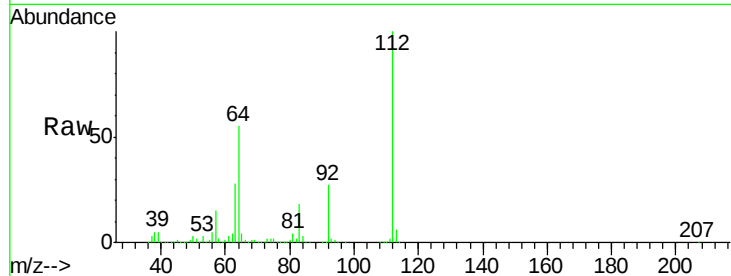
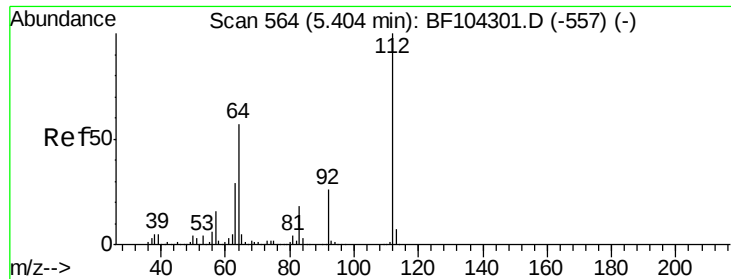
Sohil  
 4/20/2018 3:05:39 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 36.198 ng  
 RT: 3.28 min Scan# 203  
 Delta R.T. 0.05 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 166.3 | 104.9 | 157.3# |
| 44      | 7.0   | 6.9   | 10.3   |





#5

2-Fluorophenol

Concen: 106.819 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 942325 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.6  | 47.9  | 71.9   |
| 63        | 27.7  | 23.7  | 35.5   |

Instrument :

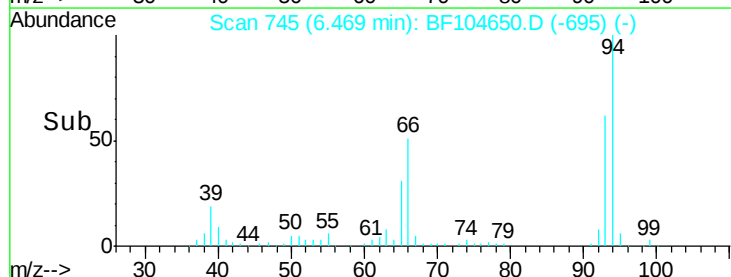
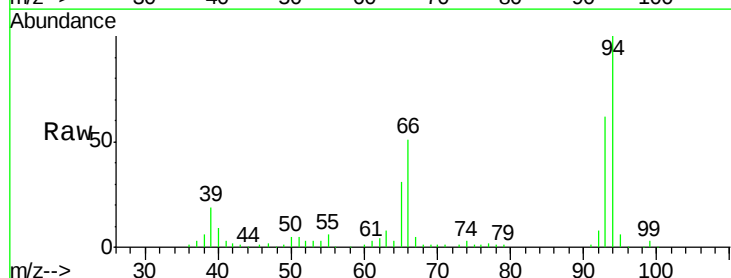
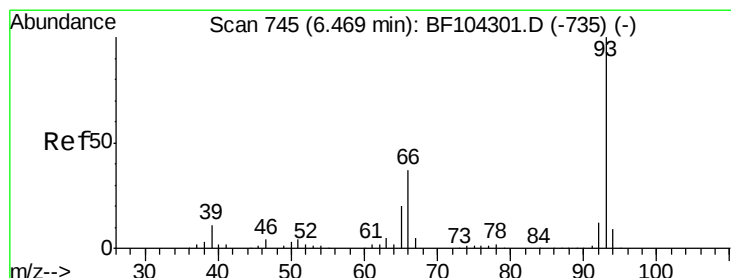
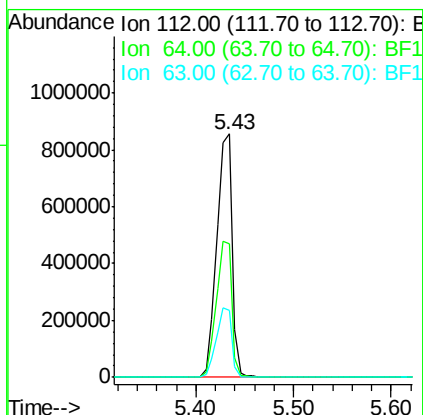
BNA\_F

ClientSampleId :

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Manual Integrations  
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#6

Aniline

Concen: 8.381 ng

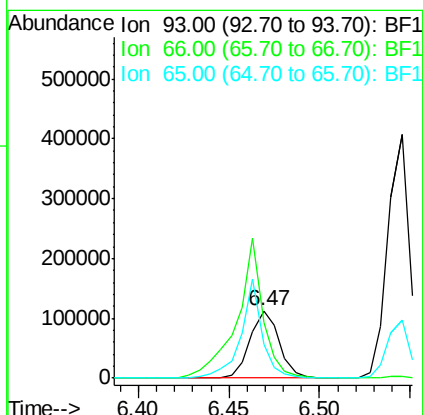
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 126207 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 83.1  | 32.2  | 48.2#  |
| 65        | 50.9  | 16.4  | 24.6#  |





#7

Phenol-d6

Concen: 108.125 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

ClientSampleId :

PB108340BS

Tot Ion: 99 Resp: 1171974

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

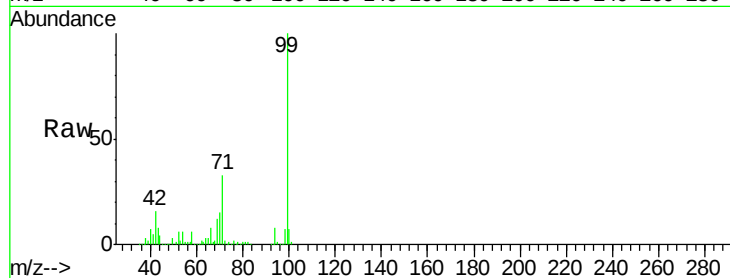
71 33.3 25.4 38.0

Manual Integrations

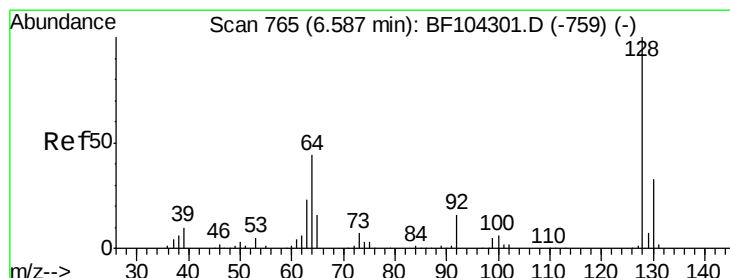
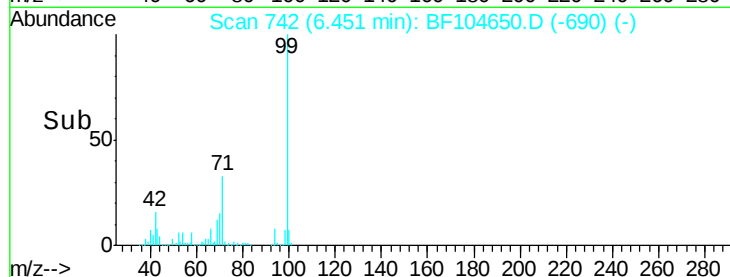
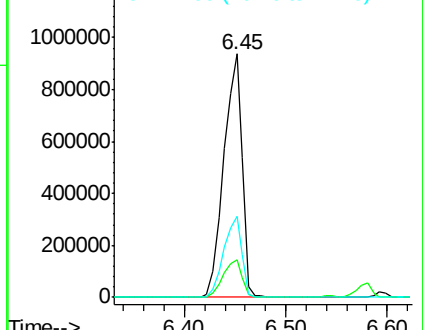
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.333 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

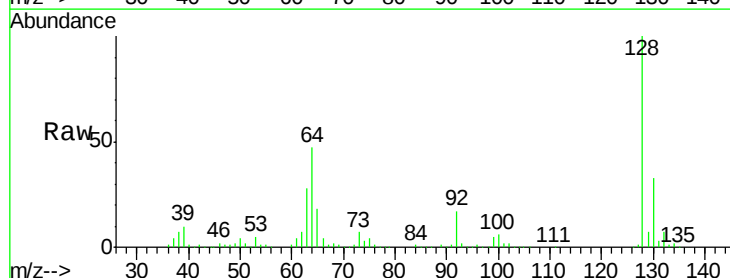
Tgt Ion: 128 Resp: 356922

Ion Ratio Lower Upper

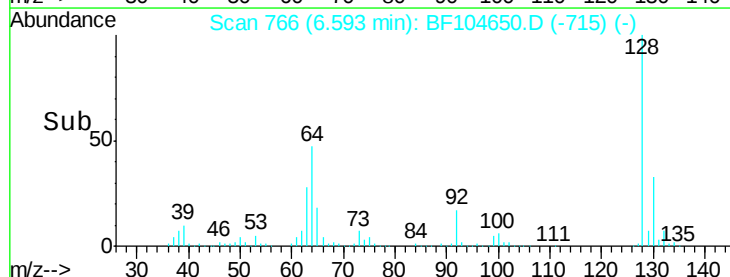
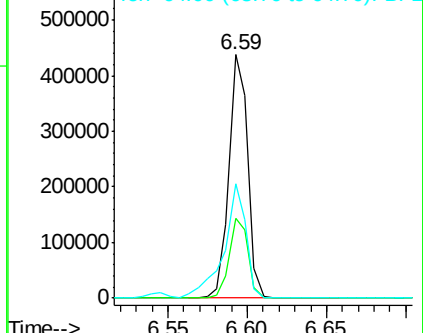
128 100

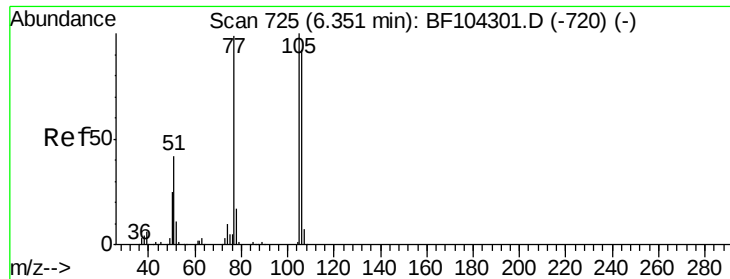
130 32.7 13.0 53.0

64 46.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 35.690 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

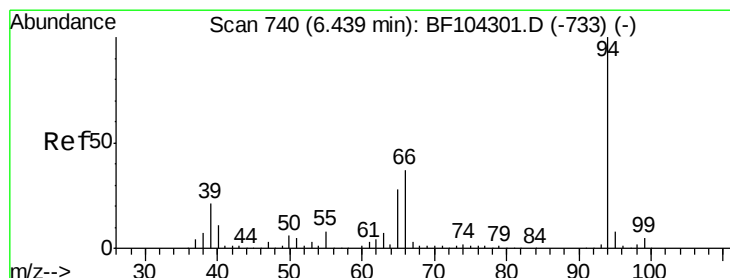
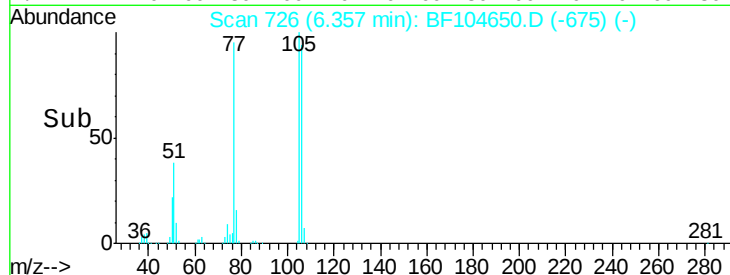
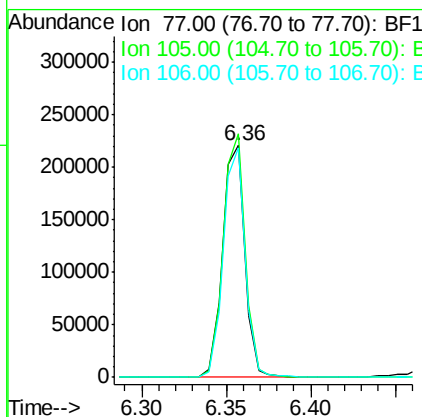
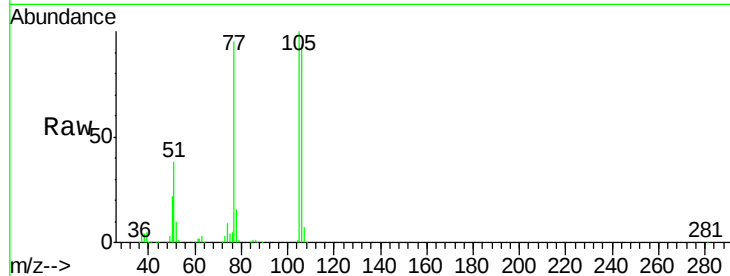
ClientSampleId :

PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 104.9 | 81.1  | 121.1 |
| 106     | 99.0  | 74.5  | 114.5 |

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#10

Phenol

Concen: 35.544 ng

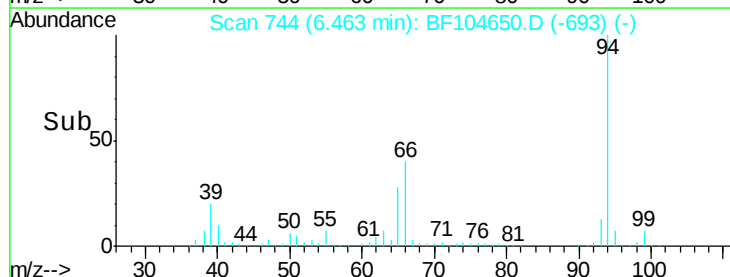
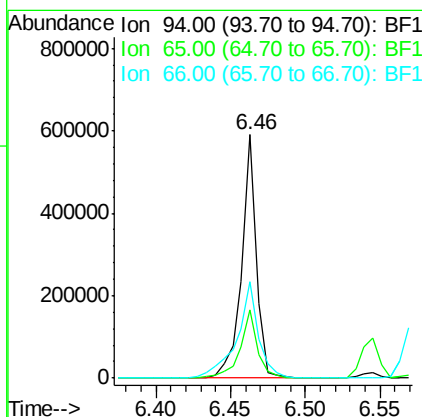
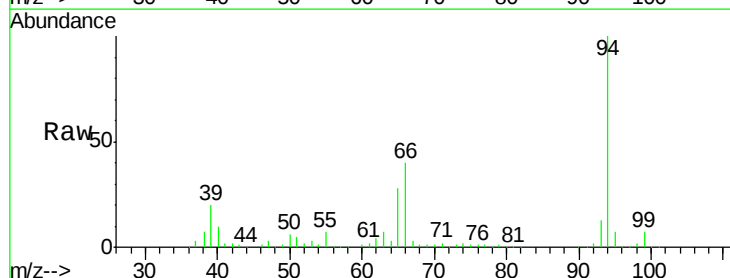
RT: 6.46 min Scan# 744

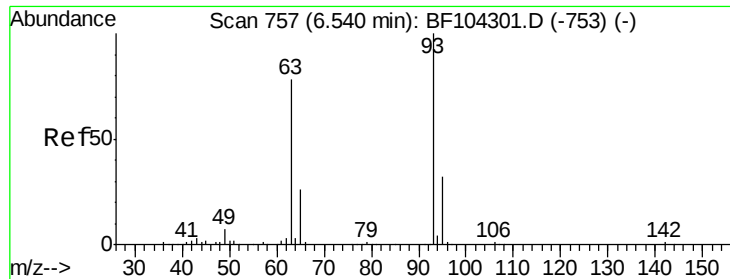
Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 28.1  | 7.9   | 47.9  |
| 66      | 39.7  | 16.2  | 56.2  |





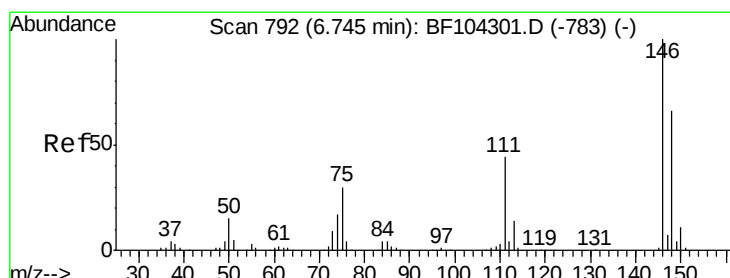
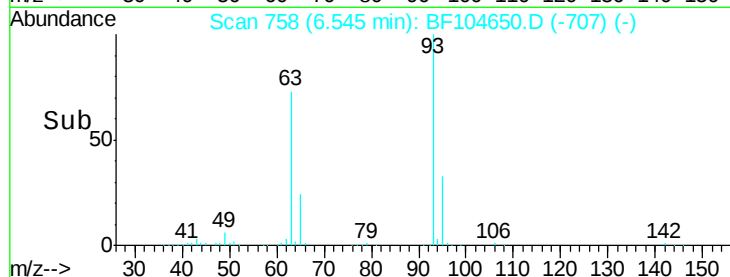
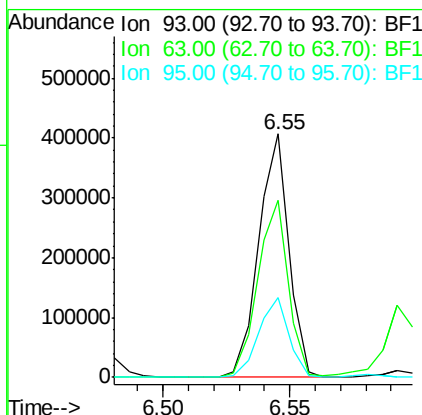
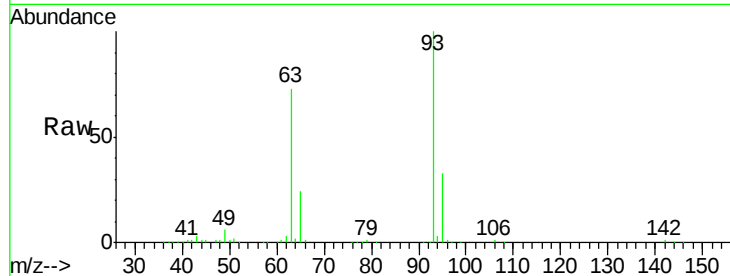
#11  
bis(2-Chloroethyl)ether  
Concen: 36.516 ng  
RT: 6.55 min Scan# 758  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampled :  
PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 72.8  | 58.6  | 98.6  |
| 95      | 32.9  | 11.8  | 51.8  |

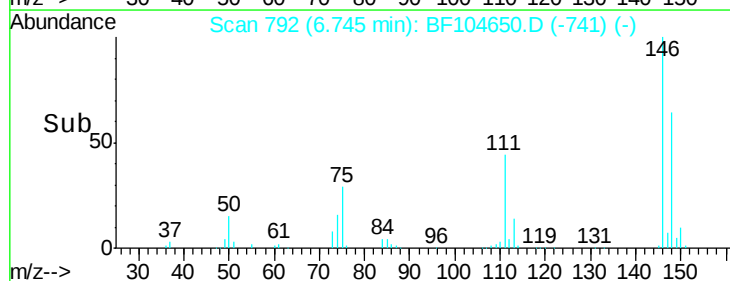
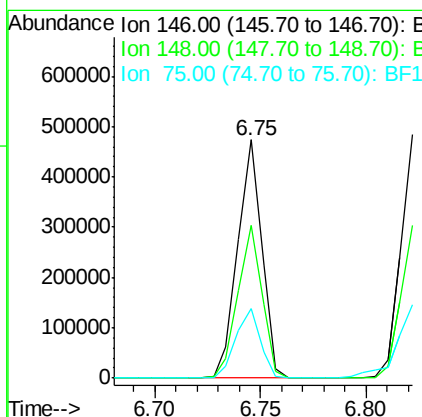
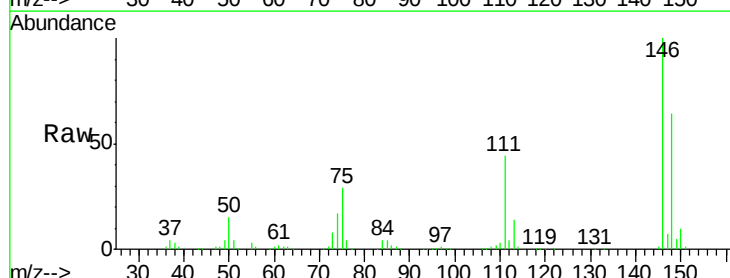
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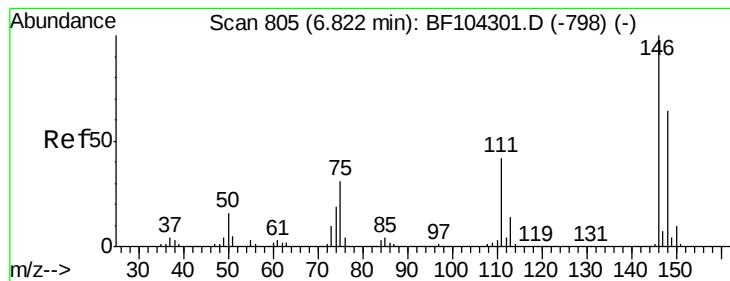
Sohil  
4/20/2018 3:05:39 PM



#12  
1,3-Dichlorobenzene  
Concen: 35.504 ng  
RT: 6.75 min Scan# 792  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.8  | 77.8  |
| 75      | 29.2  | 24.2  | 36.4  |





#13

1,4-Dichlorobenzene

Concen: 36.260 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

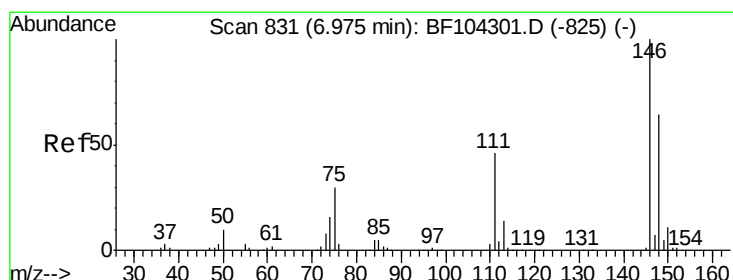
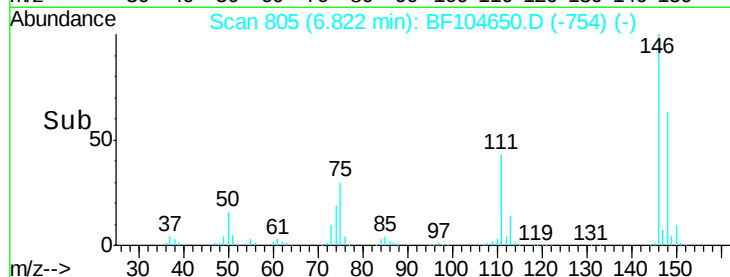
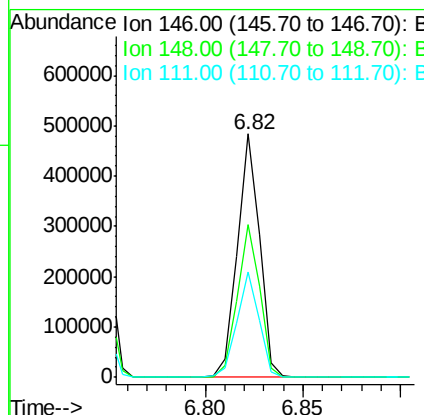
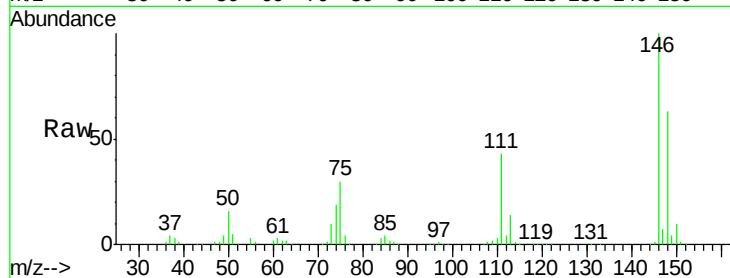
ClientSampleId :

PB108340BS

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 381277  | 146 | 100   |      |       |       |
|         | 148 | 62.7  |      | 50.8  | 76.2  |
|         | 111 | 43.0  |      | 34.2  | 51.2  |

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#14

1,2-Dichlorobenzene

Concen: 35.928 ng

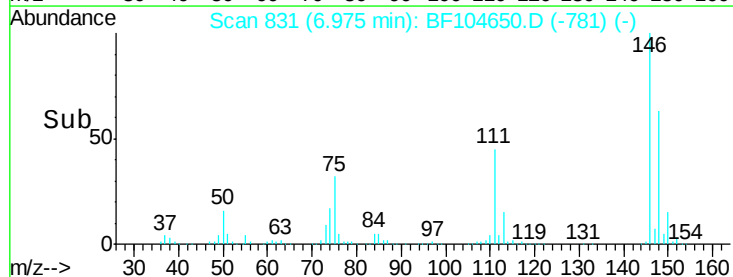
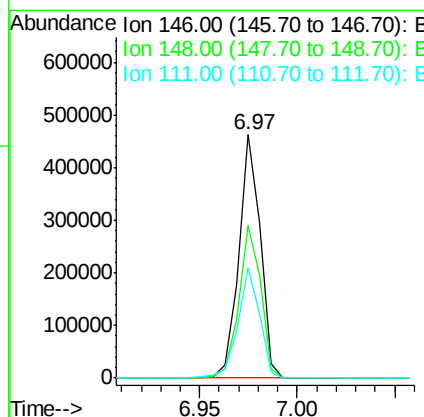
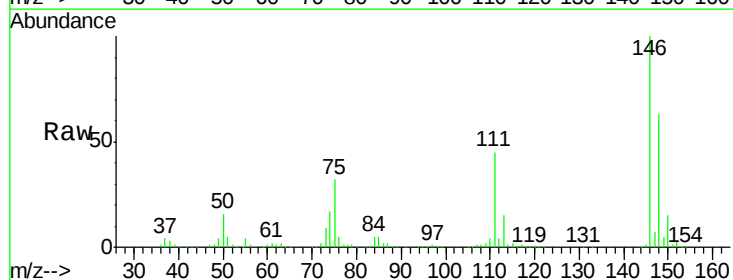
RT: 6.97 min Scan# 831

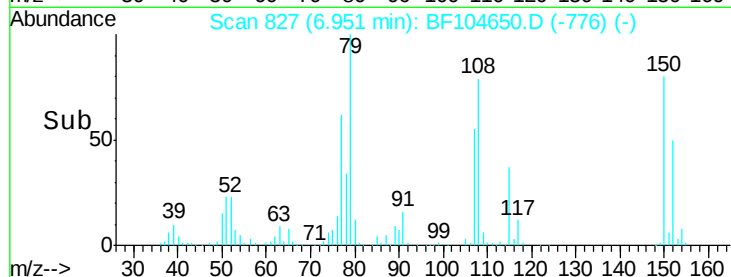
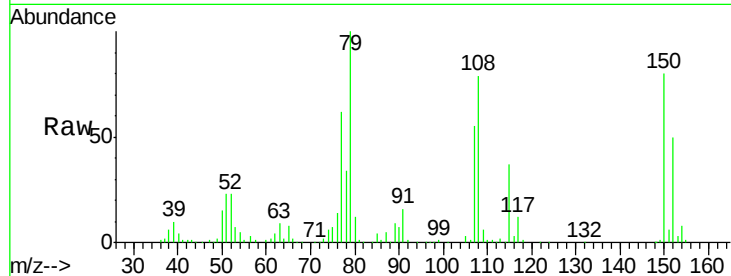
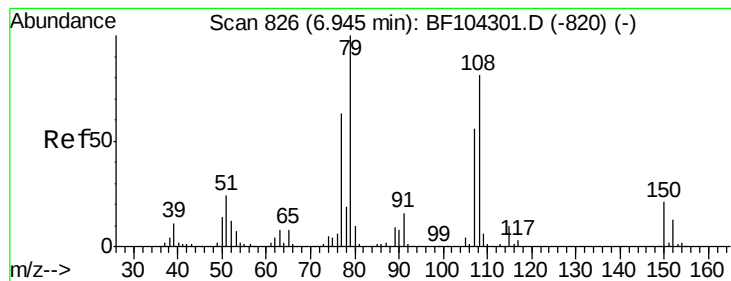
Delta R.T. -0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 350090  | 146 | 100   |      |       |       |
|         | 148 | 62.9  |      | 50.6  | 75.8  |
|         | 111 | 45.4  |      | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 35.146 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 289341 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 79.2  | 65.1  | 97.7   |
| 77        | 62.1  | 50.6  | 75.8   |

Instrument :

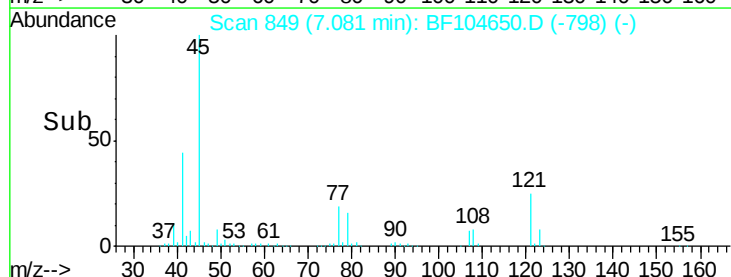
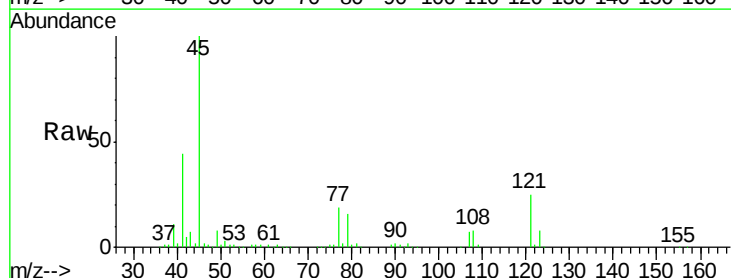
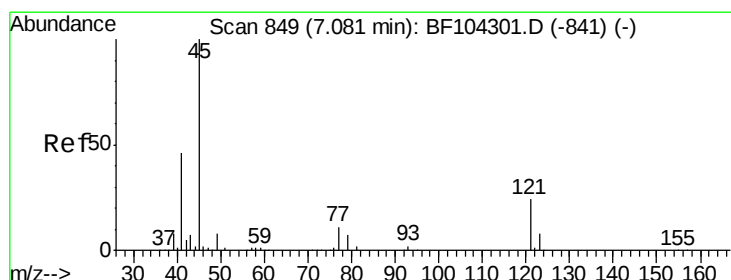
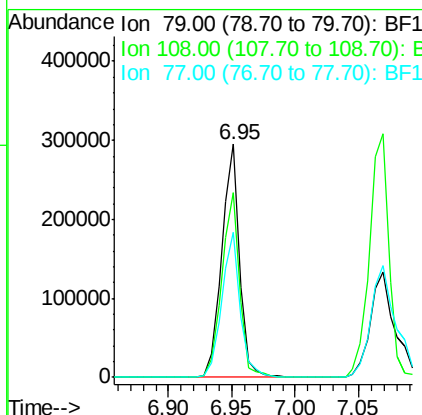
BNA\_F

ClientSampled :

PB108340BS

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.505 ng

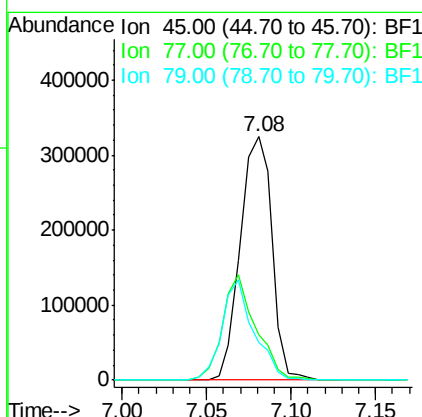
RT: 7.08 min Scan# 849

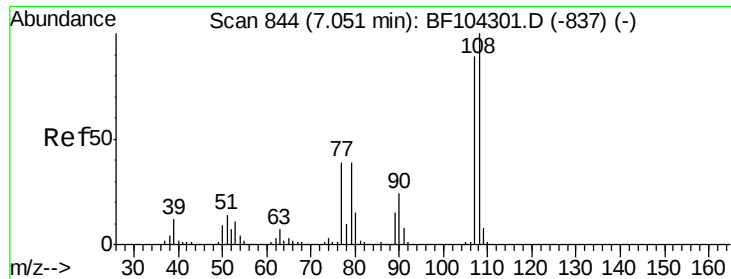
Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 425272 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 18.5  | 0.0   | 32.9   |
| 79        | 15.6  | 0.0   | 29.6   |





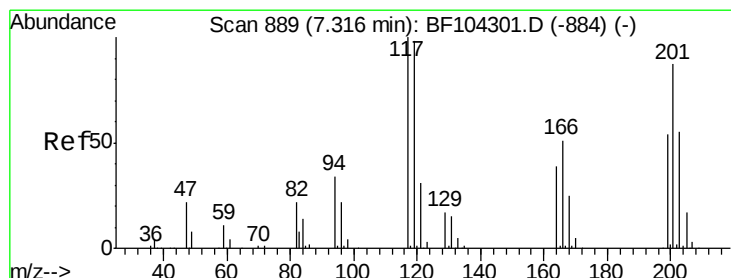
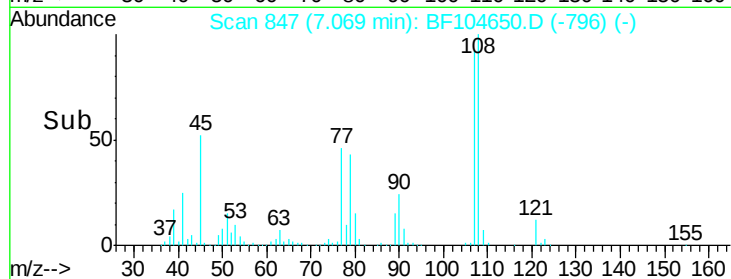
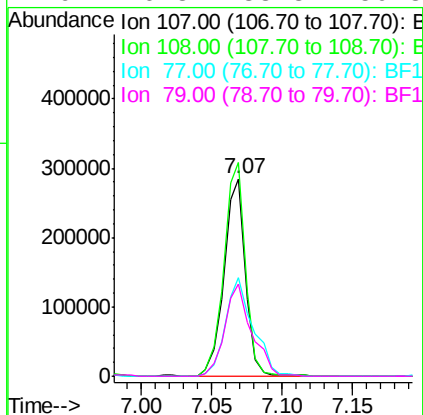
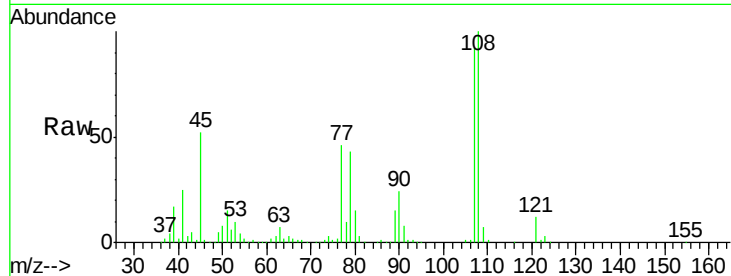
#17  
2-Methylphenol  
Concen: 37.128 ng  
RT: 7.07 min Scan# 847  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 300502 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 108.3 | 91.7  | 137.5  |
| 77        | 49.7  | 33.8  | 50.8   |
| 79        | 46.8  | 33.8  | 50.8   |

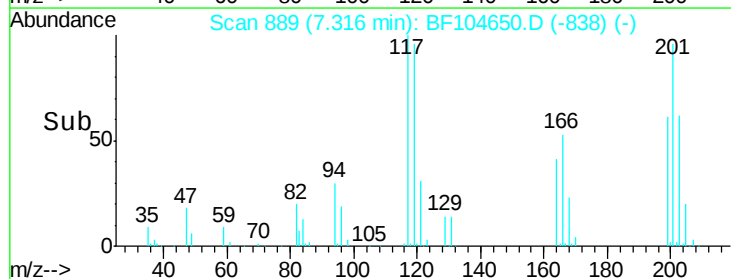
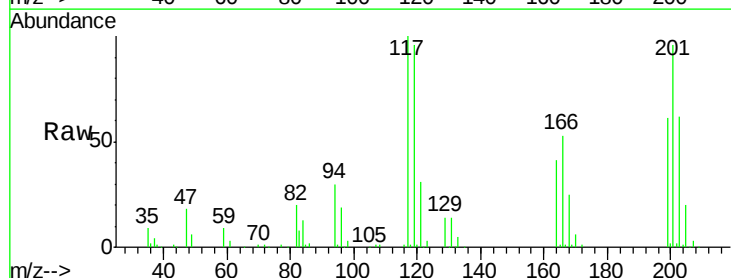
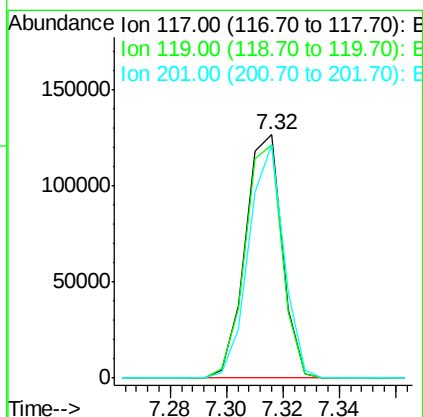
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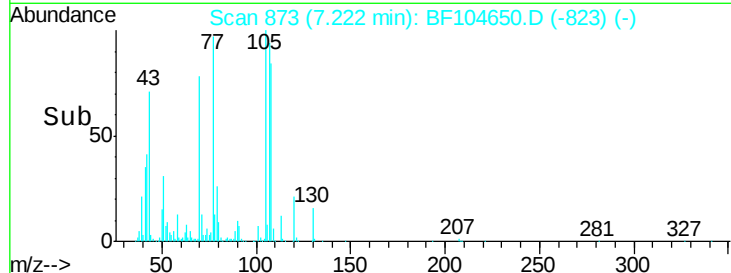
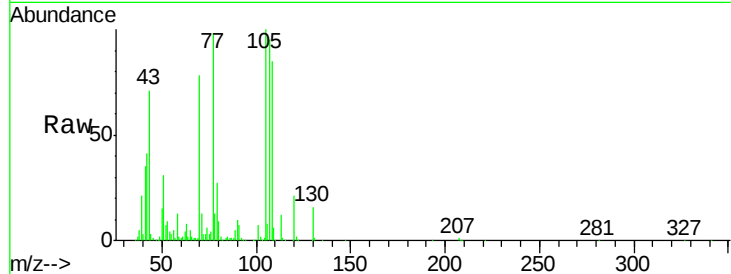
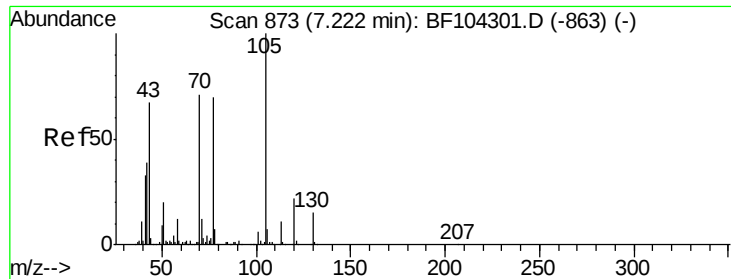
Sohil  
4/20/2018 3:05:39 PM



#18  
Hexachloroethane  
Concen: 30.610 ng  
RT: 7.32 min Scan# 889  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 114757 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.7  | 75.8  | 113.8  |
| 201       | 95.7  | 75.7  | 113.5  |





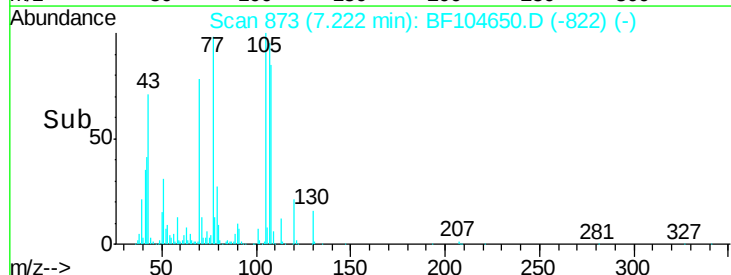
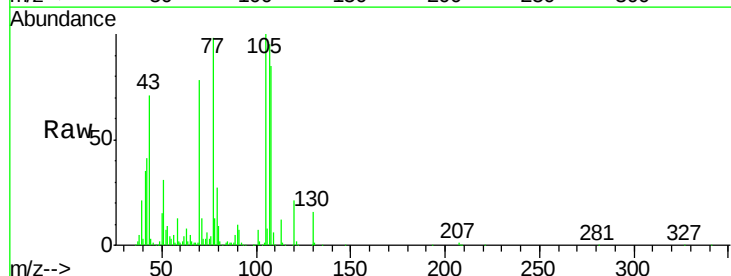
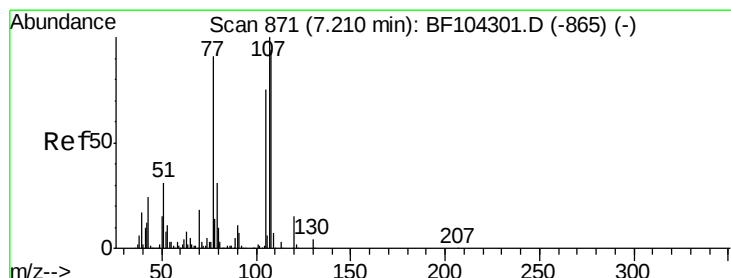
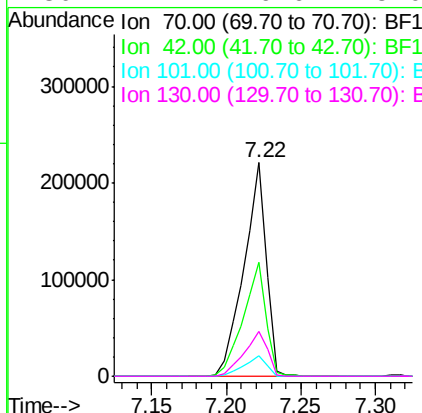
#19  
n-Nitroso-di-n-propylamine  
Concen: 32.570 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.3  | 47.5  | 71.3  |
| 101     | 9.6   | 7.4   | 11.2  |
| 130     | 21.1  | 16.6  | 25.0  |

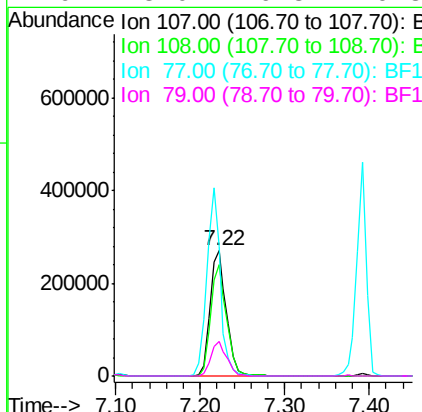
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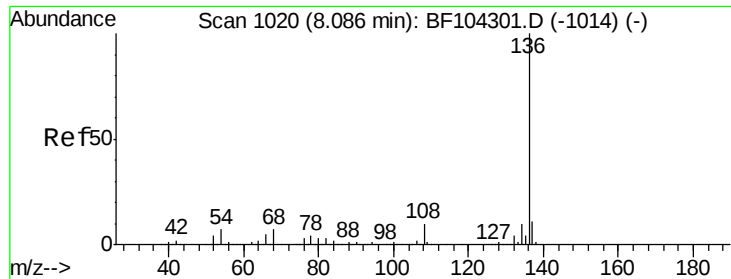
Sohil  
4/20/2018 3:05:39 PM



#20  
3+4-Methylphenols  
Concen: 36.333 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.6  | 68.2  | 108.2 |
| 77      | 103.4 | 26.7  | 66.7# |
| 79      | 28.0  | 6.3   | 46.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

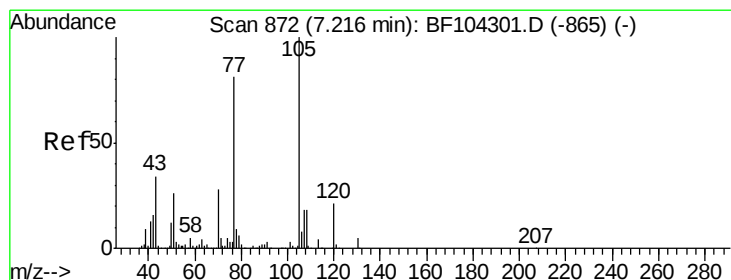
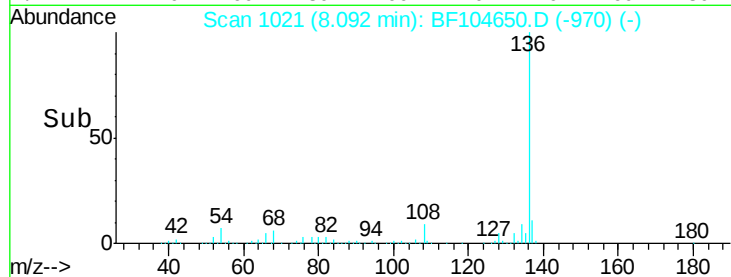
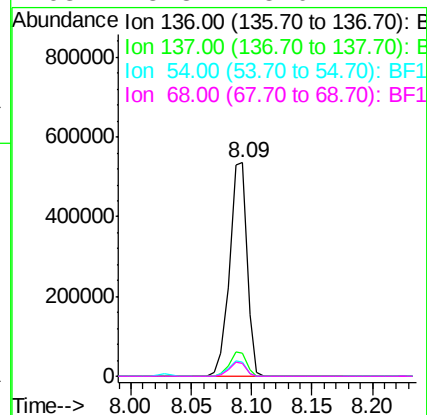
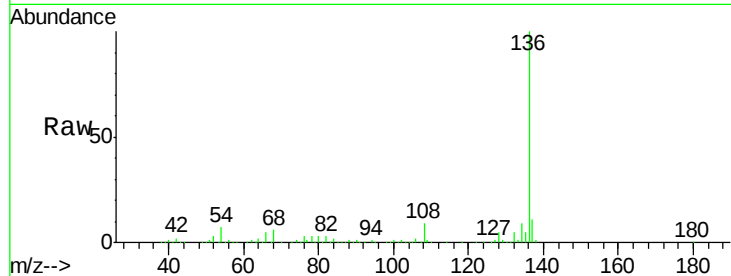
ClientSampleId :

PB108340BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 540196 |       |       |
| 137     | 10.8 |       | 8.9    | 13.3  |       |
| 54      | 6.6  |       | 6.6    | 9.8   |       |
| 68      | 5.8  |       | 5.0    | 7.4   |       |

Manual Integrations  
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#22

Acetophenone

Concen: 35.316 ng

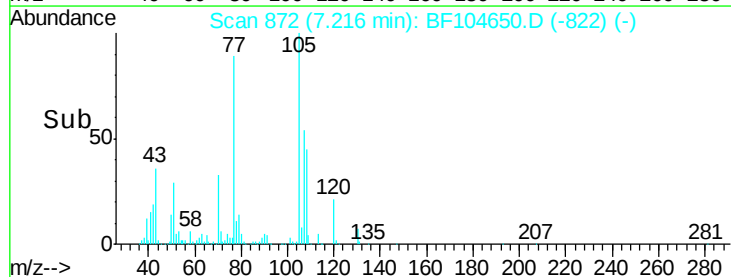
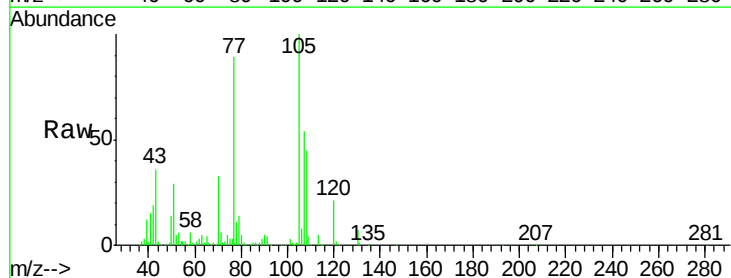
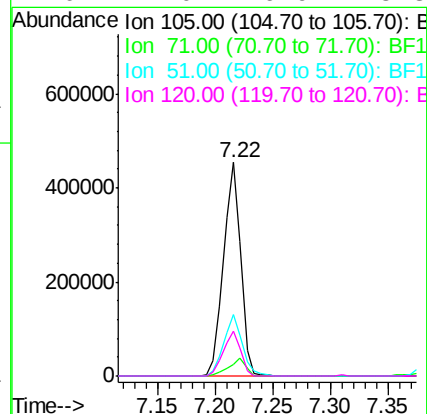
RT: 7.22 min Scan# 872

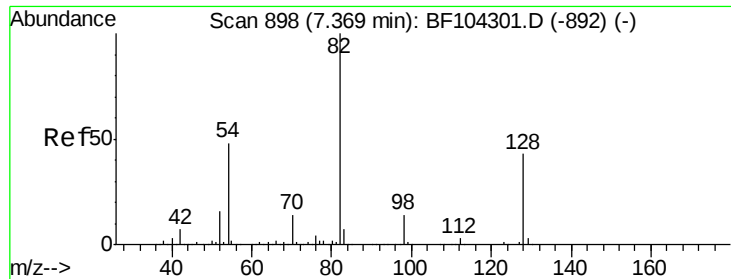
Delta R.T. -0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 469679 |       |       |
| 71      | 5.7  |       | 4.4    | 6.6   |       |
| 51      | 28.6 |       | 22.3   | 33.5  |       |
| 120     | 21.0 |       | 16.9   | 25.3  |       |





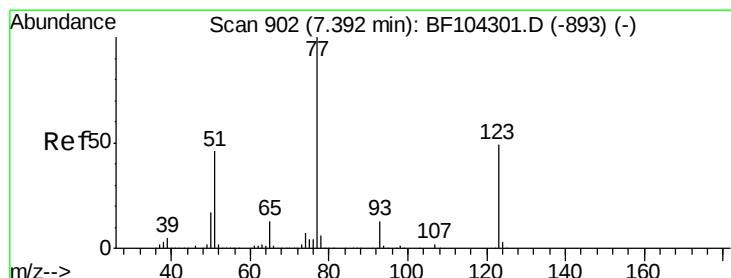
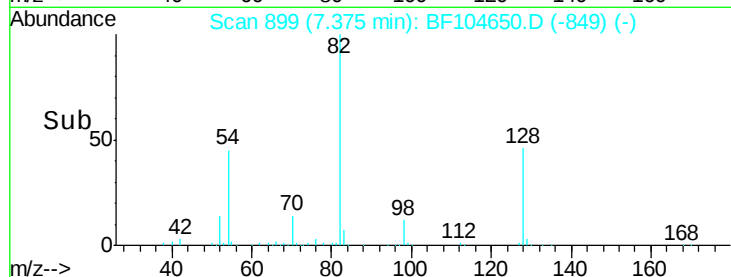
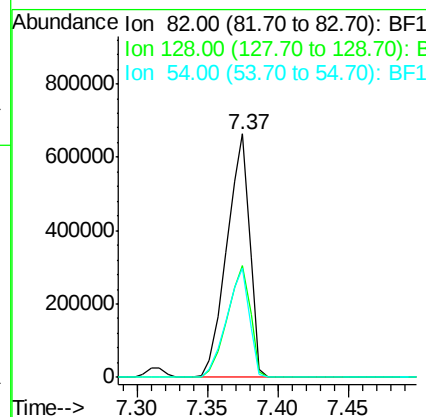
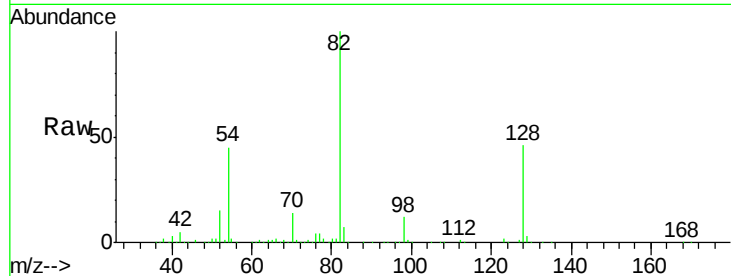
#23  
Nitrobenzene-d5  
Concen: 90.164 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.1  | 36.1  | 54.1  |
| 54      | 44.7  | 41.4  | 62.2  |

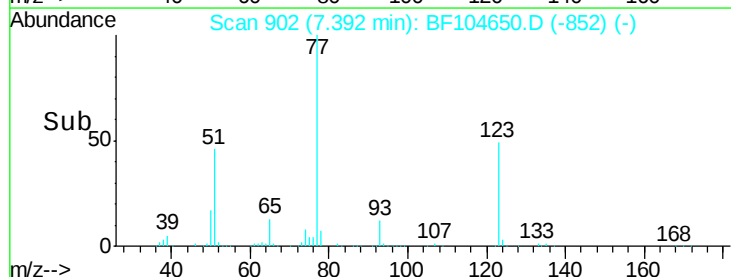
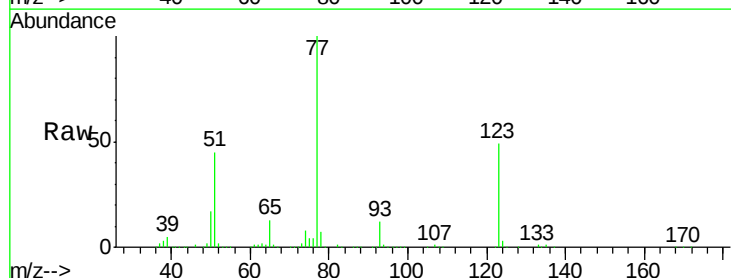
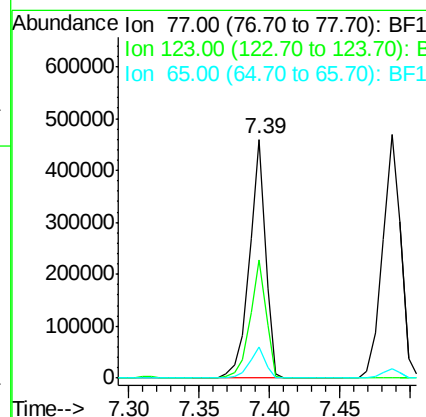
Manual Integrations  
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#24  
Nitrobenzene  
Concen: 39.699 ng  
RT: 7.39 min Scan# 902  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.3  | 37.9  | 56.9  |
| 65      | 13.0  | 11.0  | 16.4  |





#25

Isophorone

Concen: 37.835 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

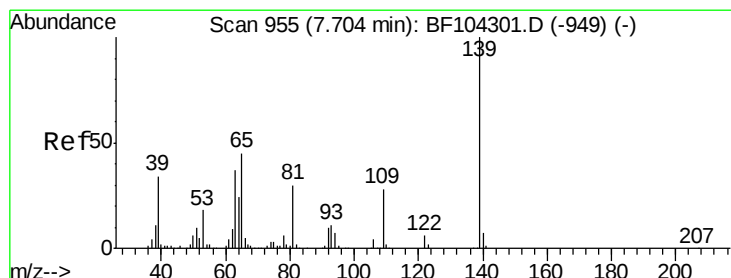
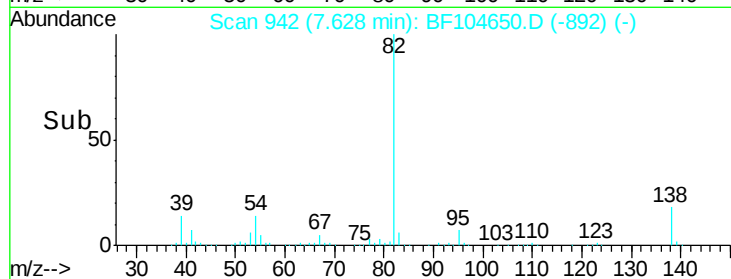
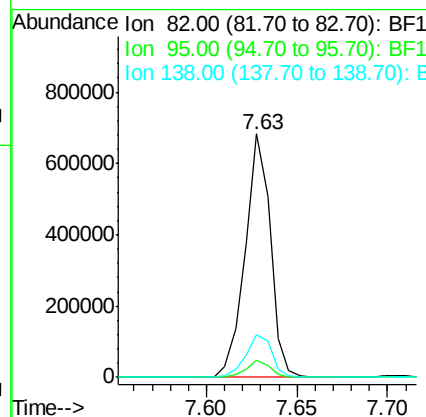
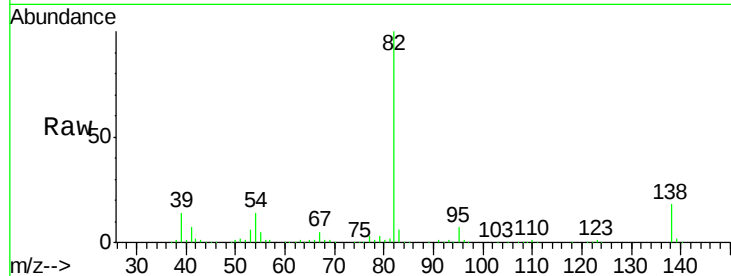
ClientSampleId :

PB108340BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 661889 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.2  | 5.2   | 7.8    |
| 138       | 17.6 | 14.9  | 22.3   |

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#26

2-Nitrophenol

Concen: 48.970 ng

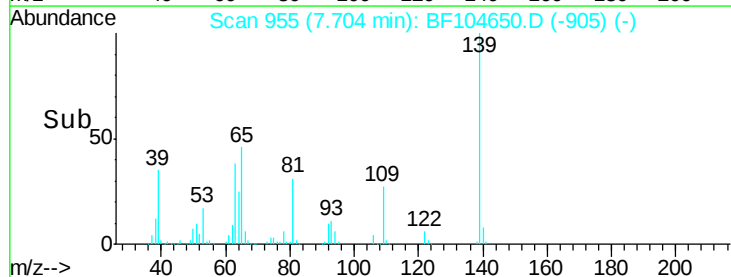
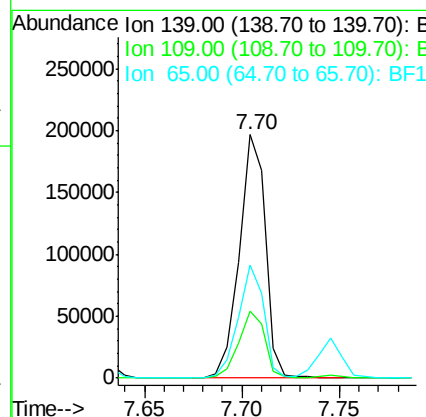
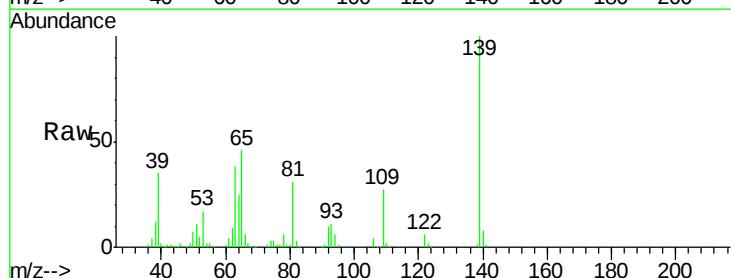
RT: 7.70 min Scan# 955

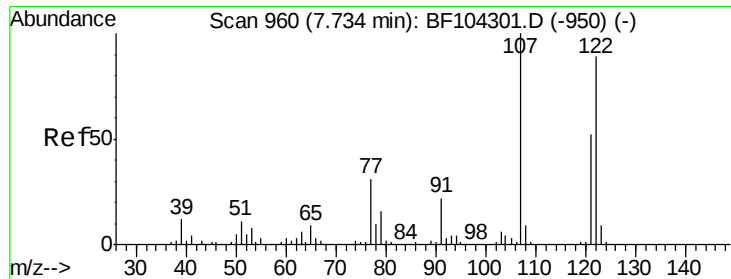
Delta R.T. -0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 182089 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 27.4 | 22.7  | 34.1   |
| 65        | 46.5 | 40.5  | 60.7   |





#27

2,4-Dimethylphenol

Concen: 40.400 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

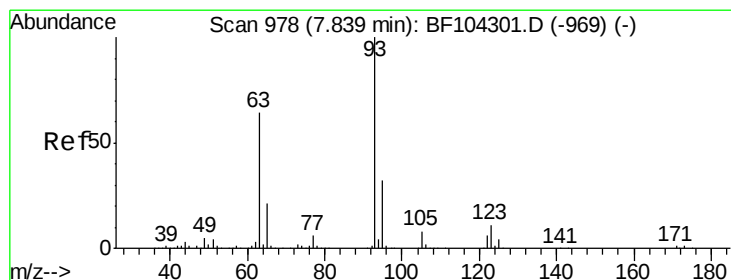
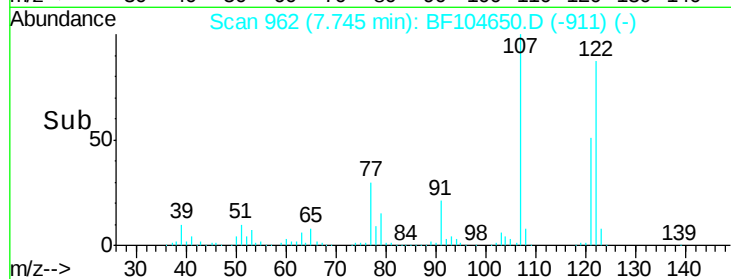
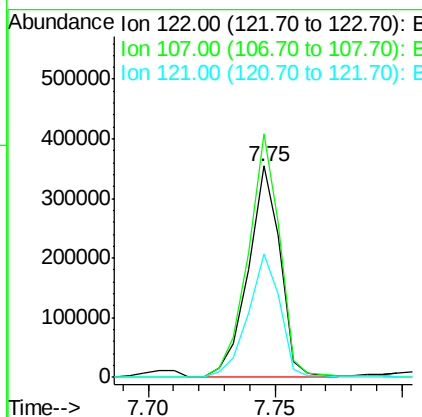
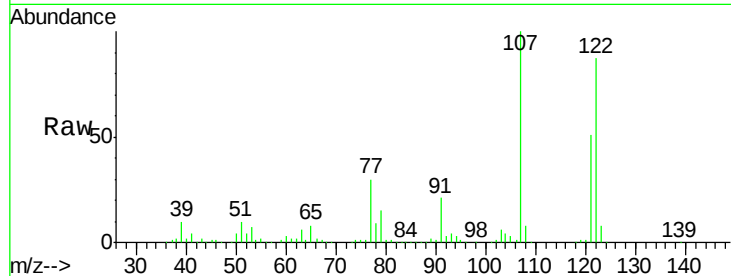
ClientSampled :

PB108340BS

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 311911  | 122 | 100   |      |       |       |
|         | 107 | 115.4 | 91.2 | 136.8 |       |
|         | 121 | 58.5  | 47.2 | 70.8  |       |

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#28

bis(2-Chloroethoxy)methane

Concen: 40.207 ng

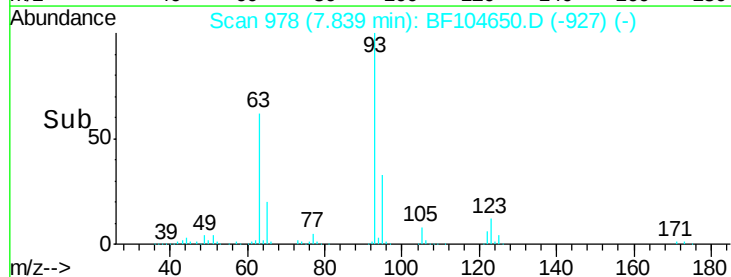
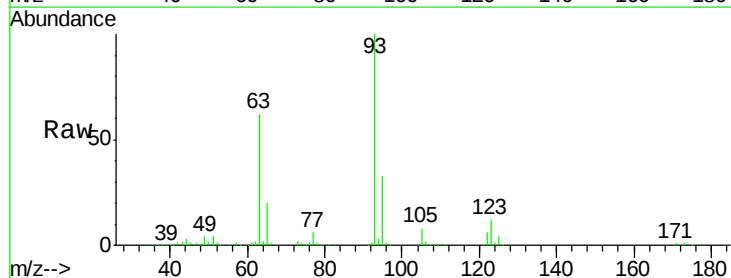
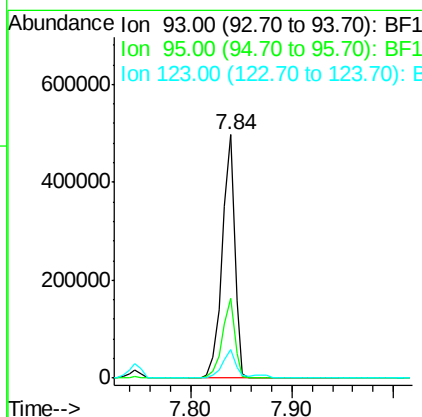
RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 430054  | 93  | 100   |      |       |       |
|         | 95  | 32.9  | 26.3 | 39.5  |       |
|         | 123 | 11.7  | 9.8  | 14.6  |       |





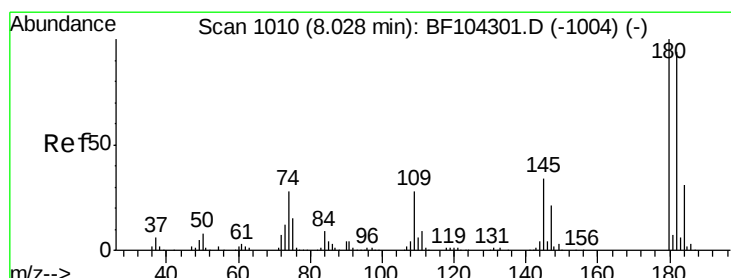
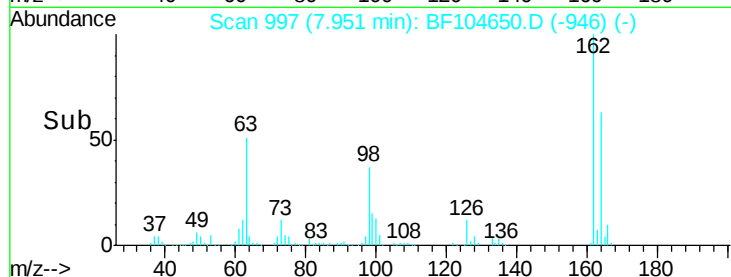
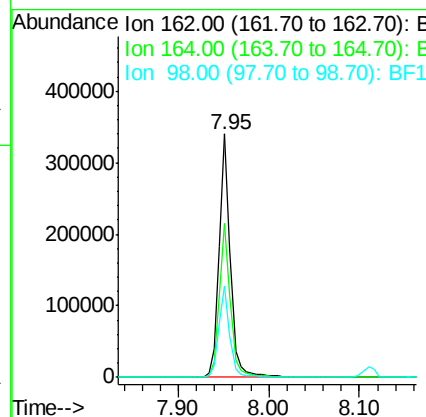
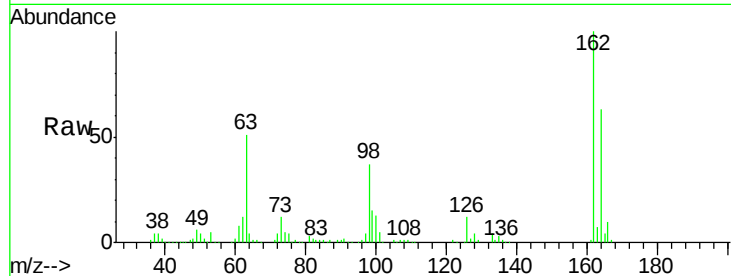
#29  
2,4-Dichlorophenol  
Concen: 39.951 ng  
RT: 7.95 min Scan# 997  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampled :  
PB108340BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 294301 |       |       |
| 164     | 63.4  | 42.7   | 82.7  |       |
| 98      | 37.3  | 18.1   | 58.1  |       |

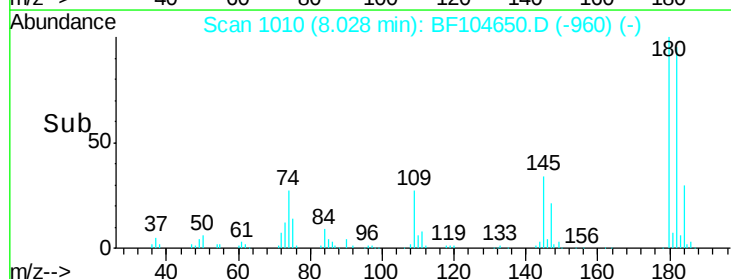
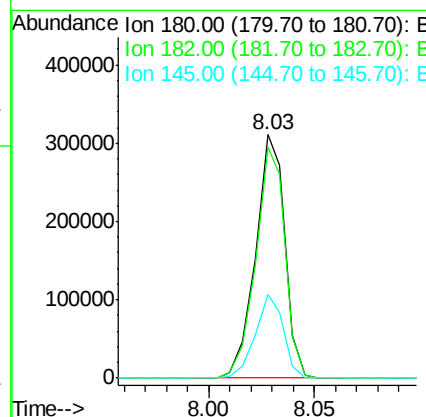
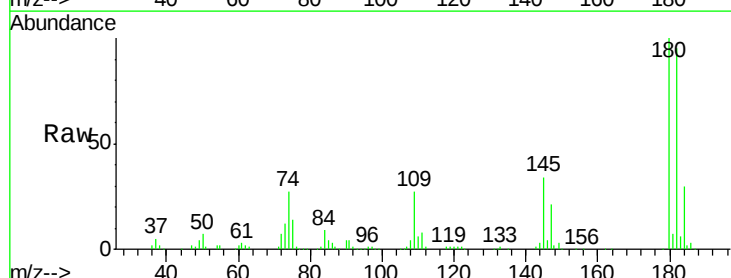
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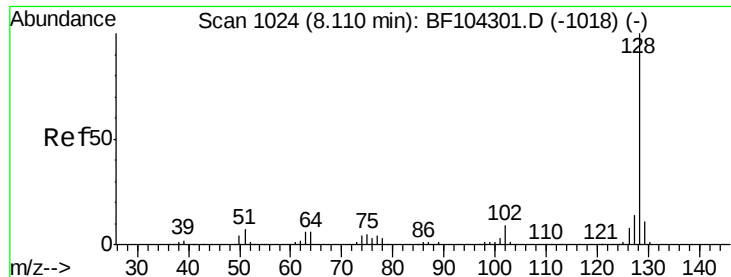
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#30  
1,2,4-Trichlorobenzene  
Concen: 36.934 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 298593 |       |       |
| 182     | 94.9  | 76.8   | 115.2 |       |
| 145     | 34.4  | 26.5   | 39.7  |       |





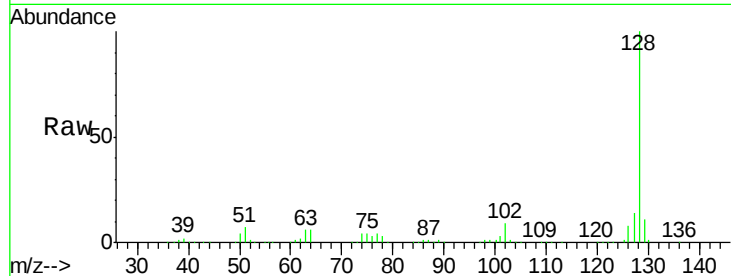
#31  
Naphthalene  
Concen: 36.883 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampled :  
PB108340BS

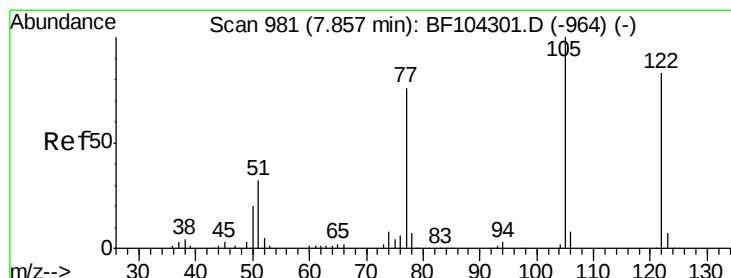
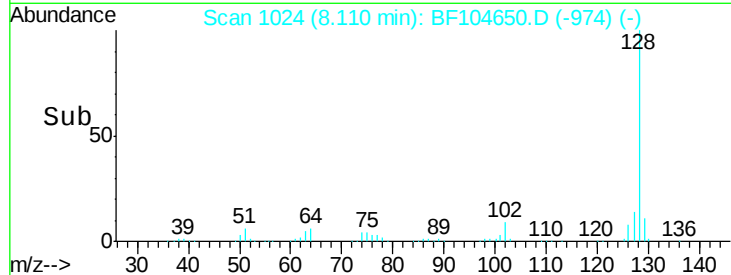
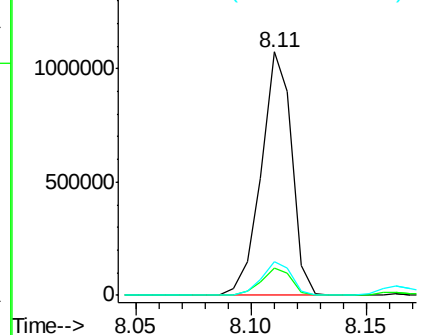
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 992110 |       |       |
| 129     | 11.3  |        | 8.8   | 13.2  |
| 127     | 13.6  |        | 10.9  | 16.3  |

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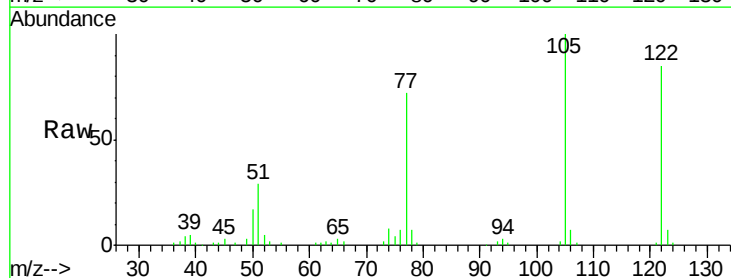


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

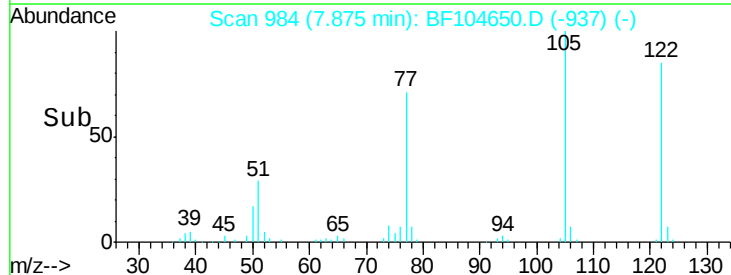
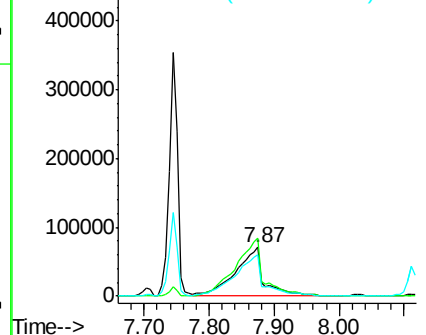


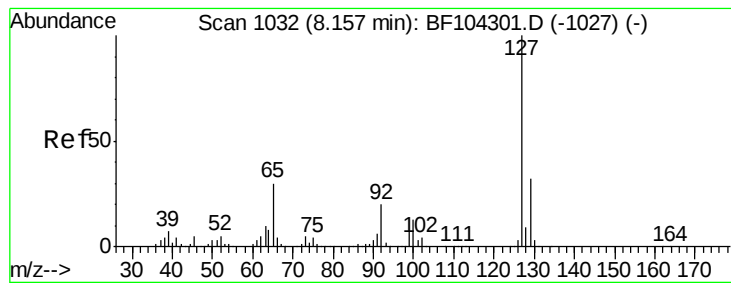
#32  
Benzoic acid  
Concen: 34.364 ng  
RT: 7.87 min Scan# 984  
Delta R.T. -0.02 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 211687 |       |       |
| 105     | 117.8 |        | 101.1 | 141.1 |
| 77      | 84.8  |        | 70.7  | 110.7 |



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





#33

4-Chloroaniline

Concen: 5.157 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

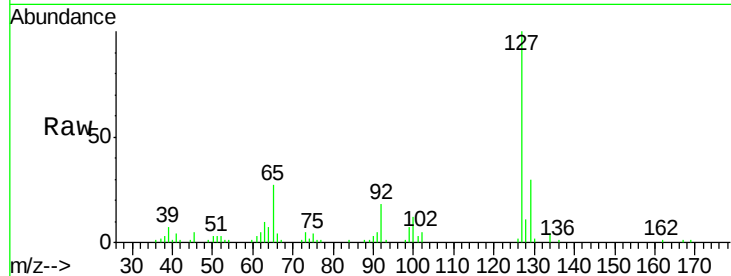
ClientSampleId :

PB108340BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 30.1 |       | 25.9 | 38.9  |       |
| 65      | 27.5 |       | 25.0 | 37.4  |       |
| 92      | 17.6 |       | 15.2 | 22.8  |       |

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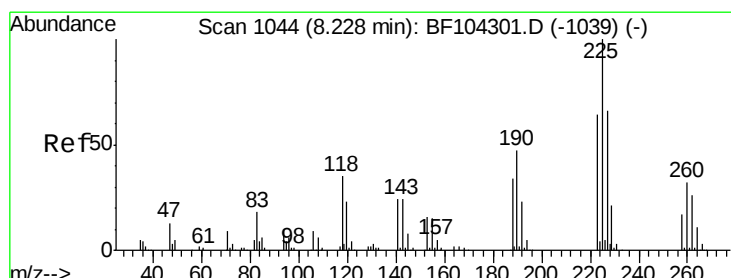
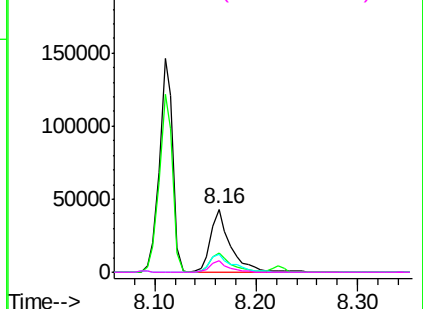
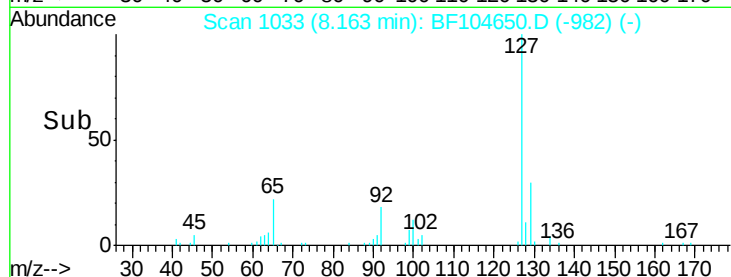


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.750 ng

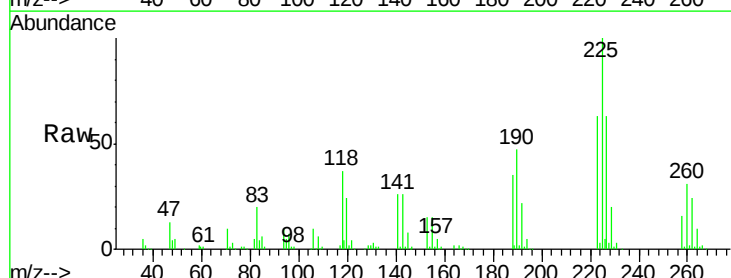
RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

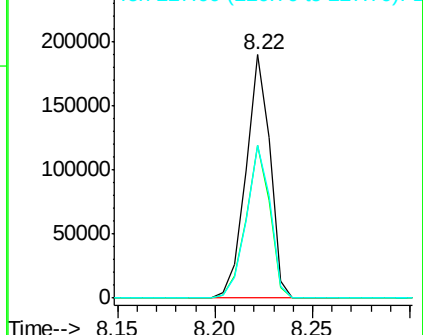
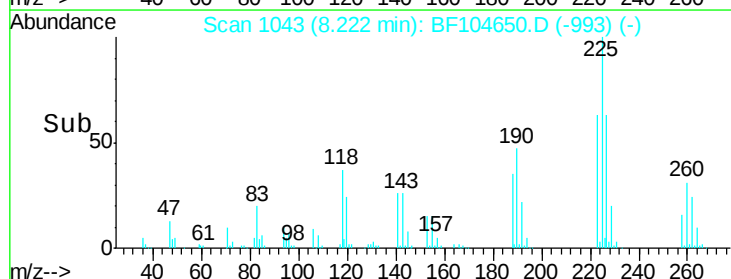
| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.6 |       | 50.6 | 76.0  |       |
| 227     | 62.6 |       | 51.9 | 77.9  |       |



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





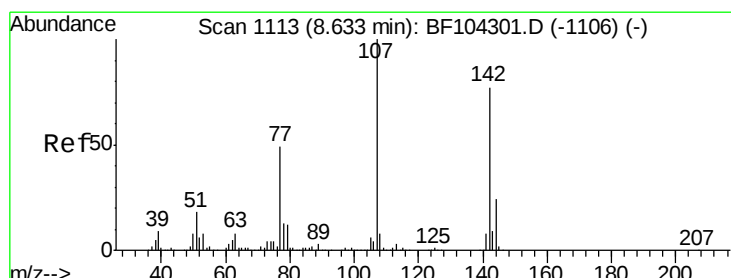
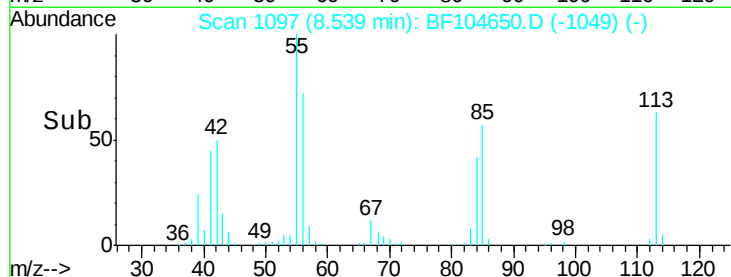
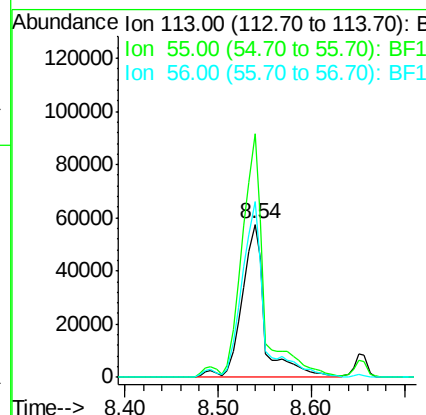
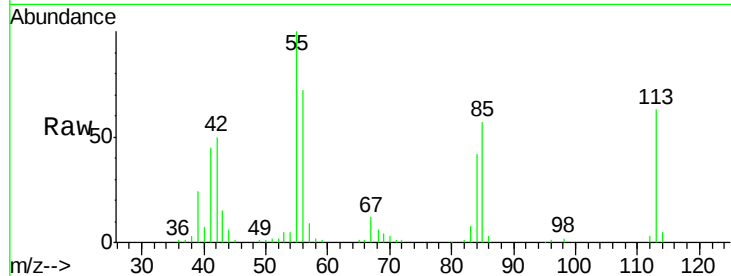
#35  
 Caprolactam  
 Concen: 38.460 ng/ml  
 RT: 8.54 min Scan# 1097  
 Delta R.T. -0.02 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 159.0 | 163.3 | 203.3# |
| 56      | 114.7 | 115.7 | 155.7# |

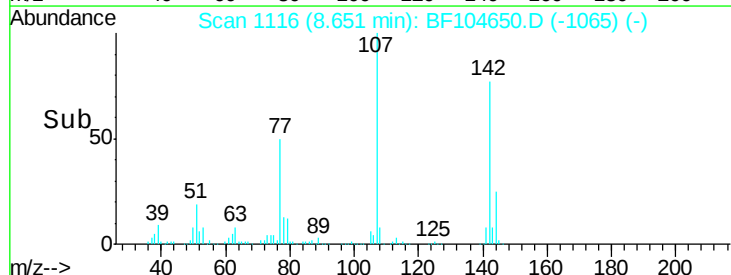
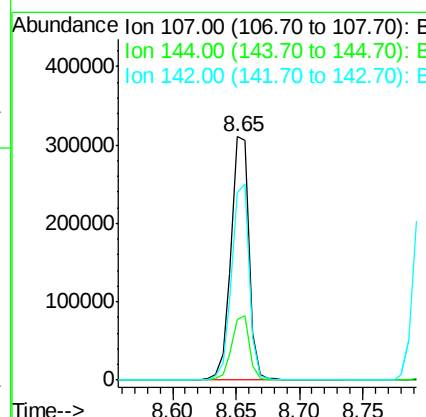
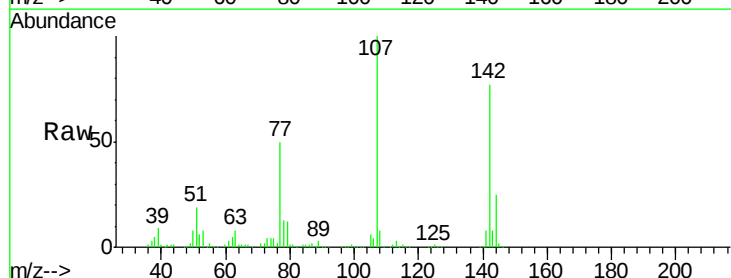
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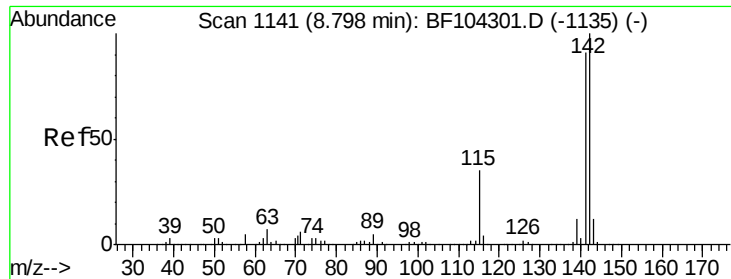
Sohil  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 38.883 ng/ml  
 RT: 8.65 min Scan# 1116  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.7  | 20.5  | 30.7  |
| 142     | 77.0  | 62.0  | 93.0  |





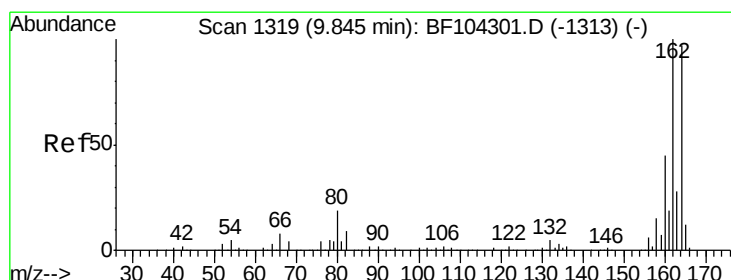
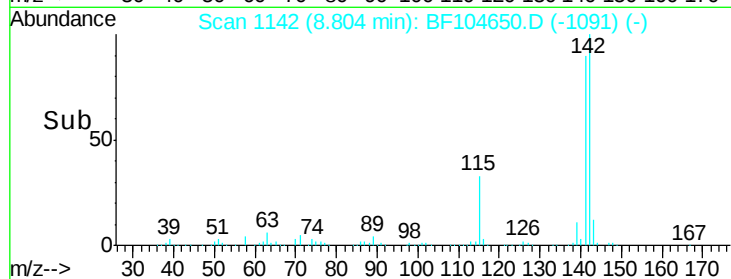
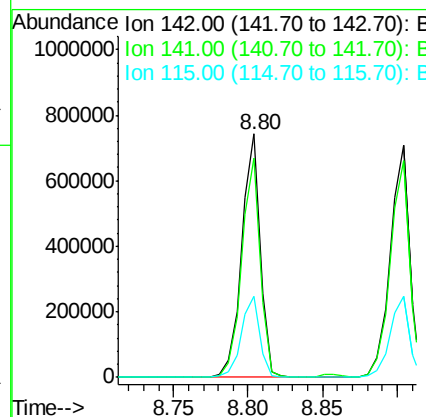
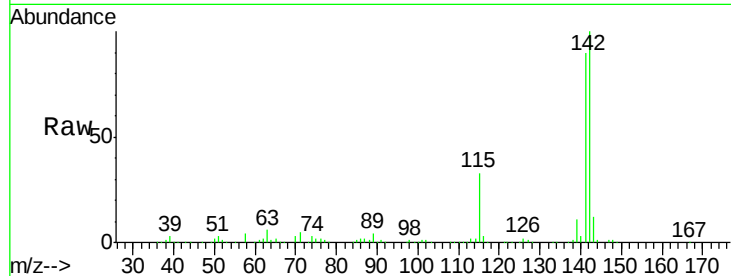
#37  
2-Methylnaphthalene  
Concen: 37.321 ng  
RT: 8.80 min Scan# 1142  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 70.8  | 106.2 |
| 115     | 33.4  | 26.1  | 39.1  |

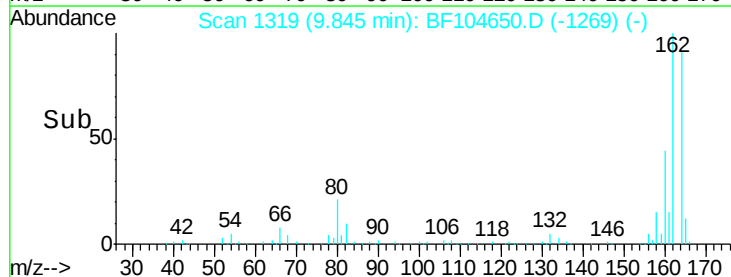
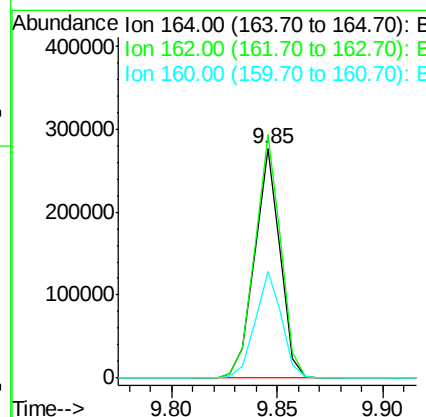
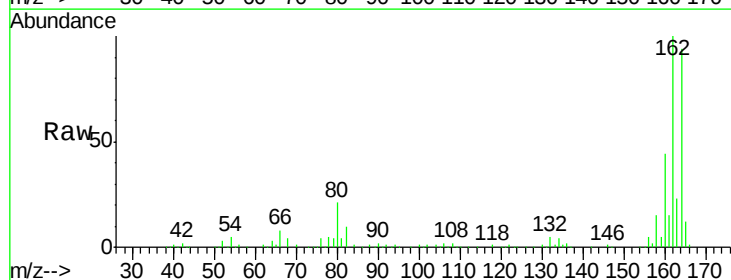
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.2 | 86.1  | 129.1 |
| 160     | 46.6  | 38.3  | 57.5  |





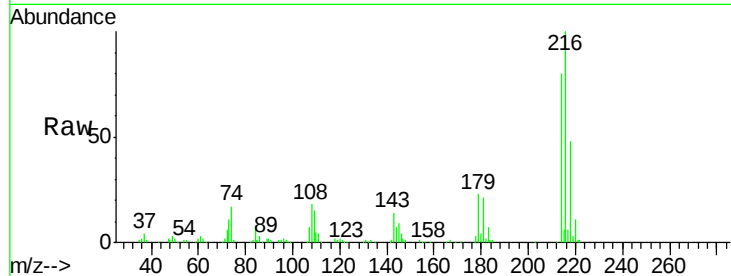
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.901 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

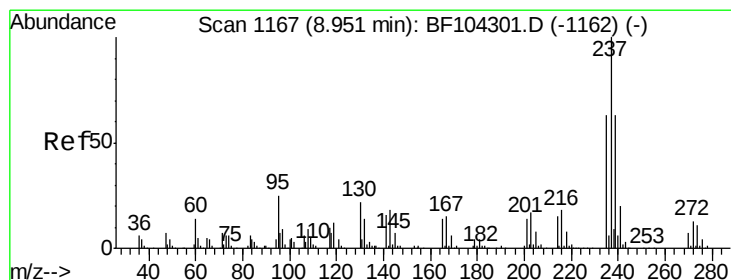
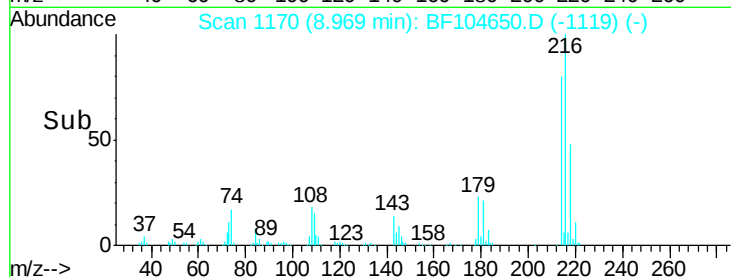
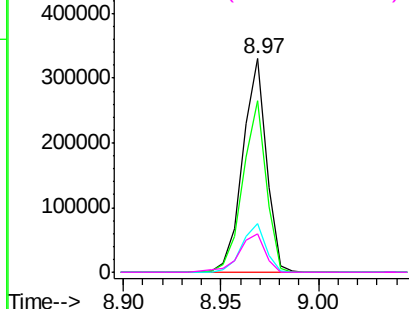
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 277786 |       |       |
| 214     | 79.3  | 63.0   | 94.4  |       |
| 179     | 22.6  | 18.1   | 27.1  |       |
| 108     | 19.8  | 17.2   | 25.8  |       |

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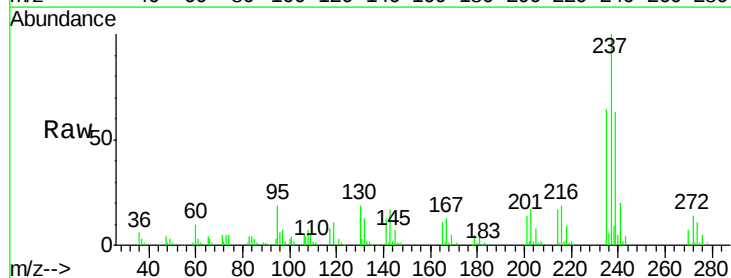


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

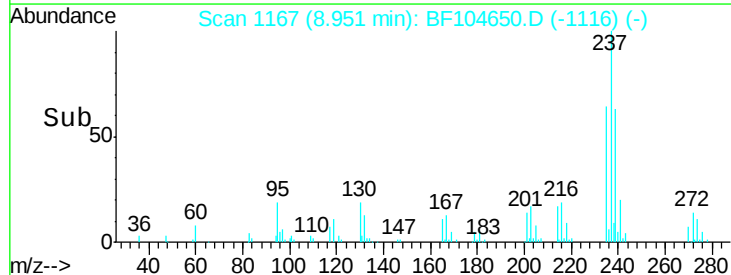
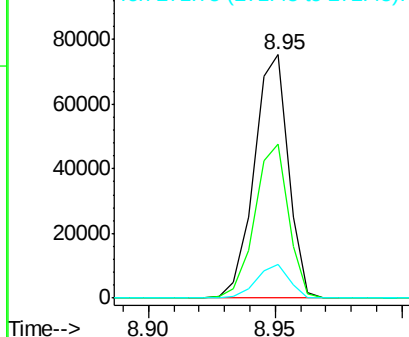


#40  
 Hexachlorocyclopentadiene  
 Concen: 19.144 ng  
 RT: 8.95 min Scan# 1167  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 71053 |       |       |
| 235     | 63.5  | 44.8  | 84.8  |       |
| 272     | 13.9  | 0.0   | 33.3  |       |



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





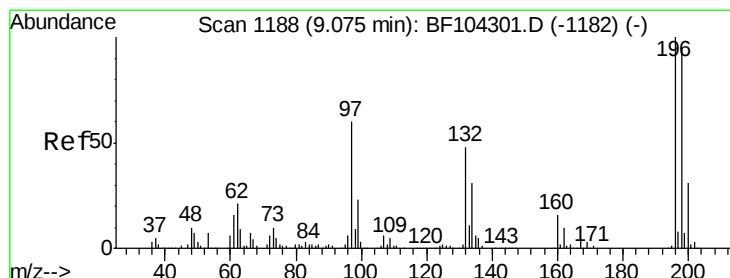
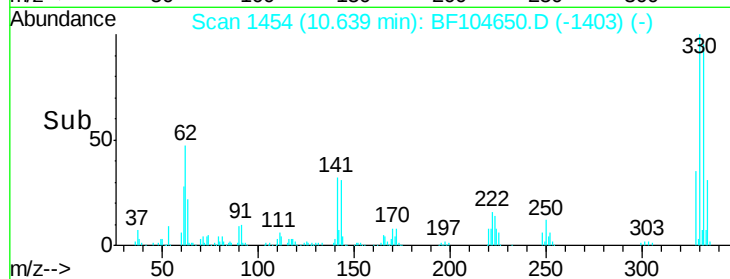
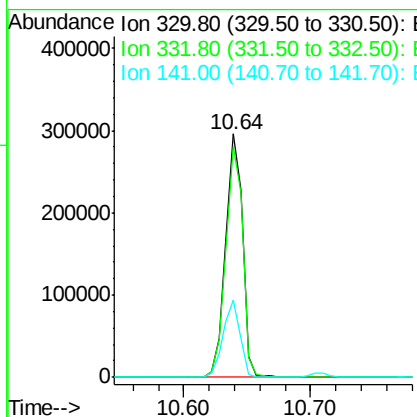
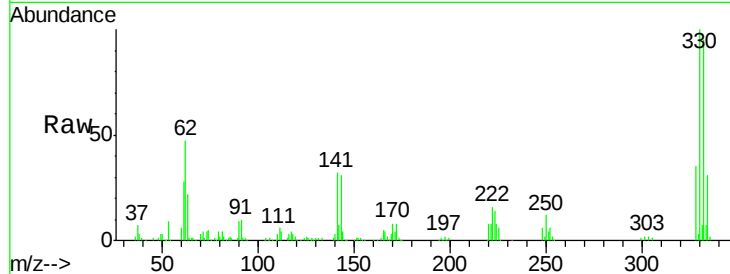
#41  
 2,4,6-Tribromophenol  
 Concen: 114.282 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 274549 |       |       |
| 332     | 95.4  | 77.0   | 115.6 |       |
| 141     | 31.9  | 29.9   | 44.9  |       |

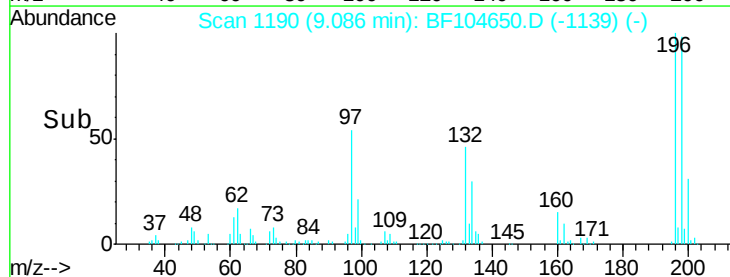
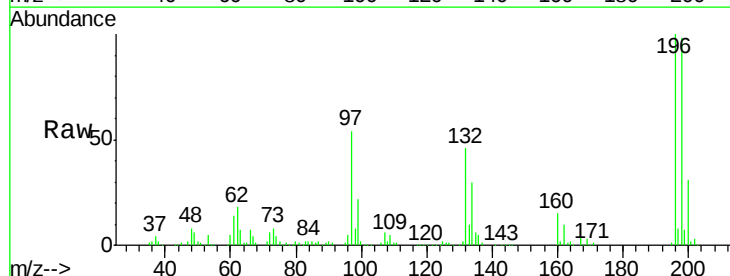
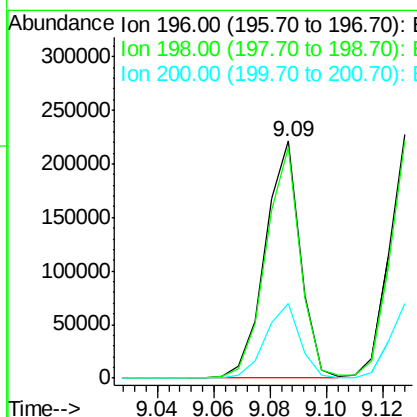
Manual Integrations  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 41.436 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 190696 |       |       |
| 198     | 97.6  | 75.7   | 113.5 |       |
| 200     | 31.4  | 24.5   | 36.7  |       |





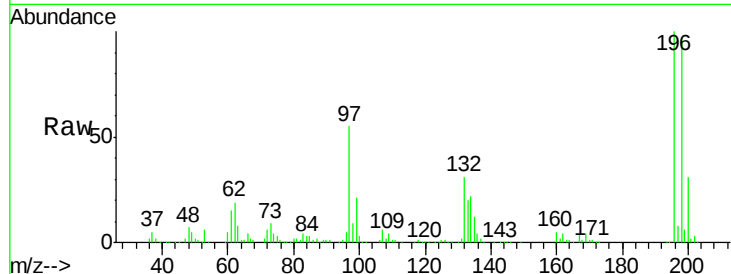
#43  
2,4,5-Trichlorophenol  
Concen: 39.469 ng  
RT: 9.13 min Scan# 1197  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

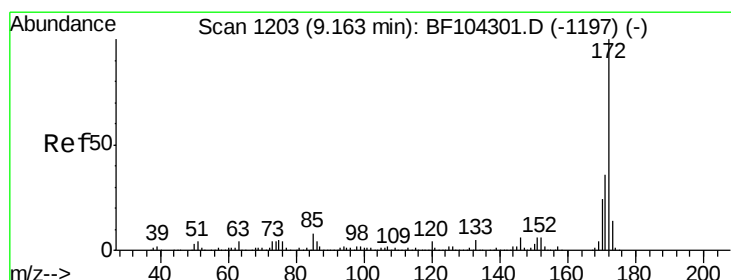
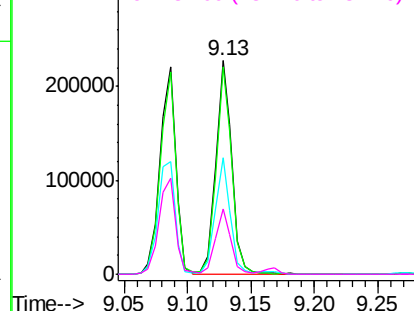
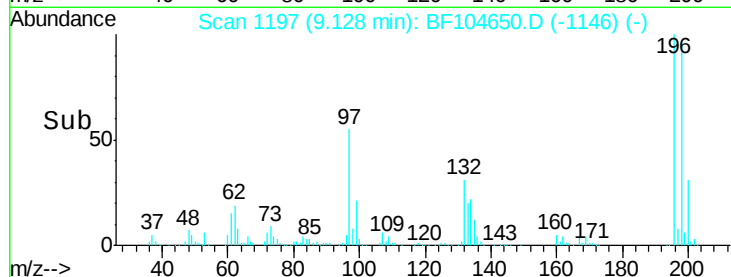
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 203262 |       |       |
| 198     | 97.4 | 74.6  | 112.0  |       |       |
| 97      | 54.7 | 42.9  | 64.3   |       |       |
| 132     | 30.6 | 26.3  | 39.5   |       |       |

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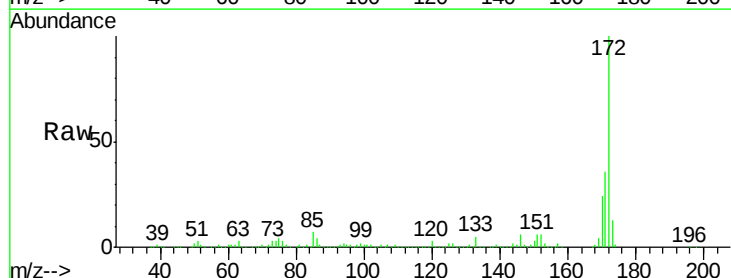


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BF1  
Ion 132.00 (131.70 to 132.70): E

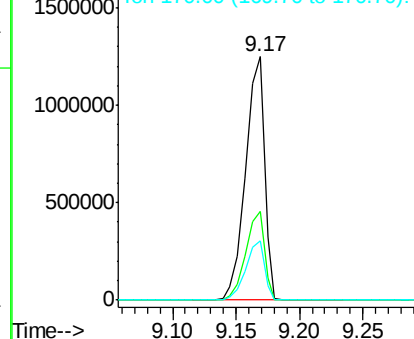
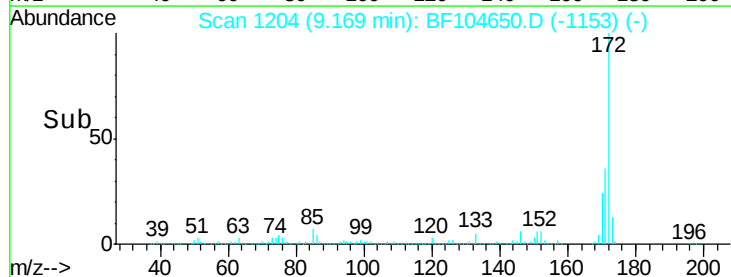


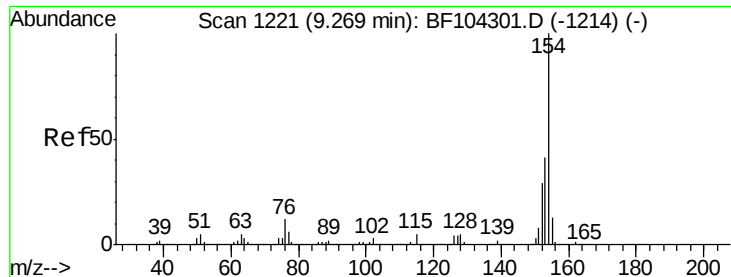
#44  
2-Fluorobiphenyl  
Concen: 87.376 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 172     | 100  |       | 1280952 |       |       |
| 171     | 36.3 | 29.7  | 44.5    |       |       |
| 170     | 24.4 | 19.6  | 29.4    |       |       |



Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E





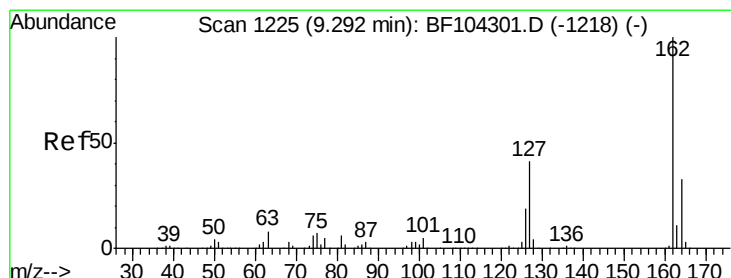
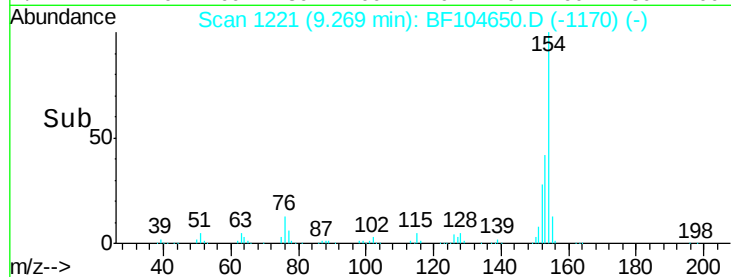
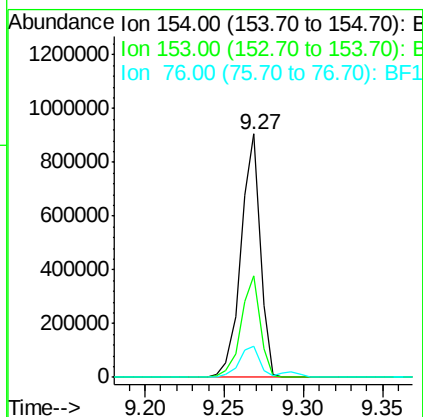
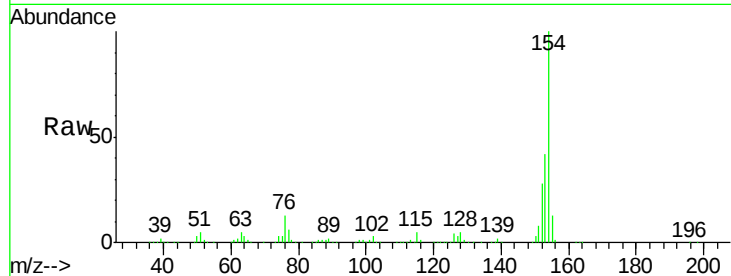
#45  
 1,1'-Biphenyl  
 Concen: 39.170 ng  
 RT: 9.27 min Scan# 1221  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 762080 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.6  | 21.3  | 61.3   |
| 76        | 12.9  | 0.0   | 34.0   |

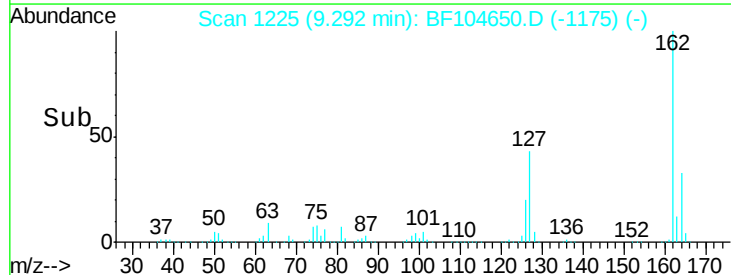
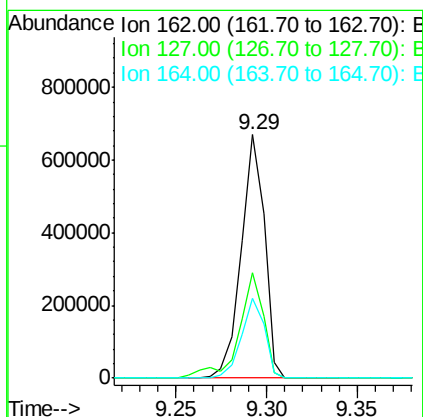
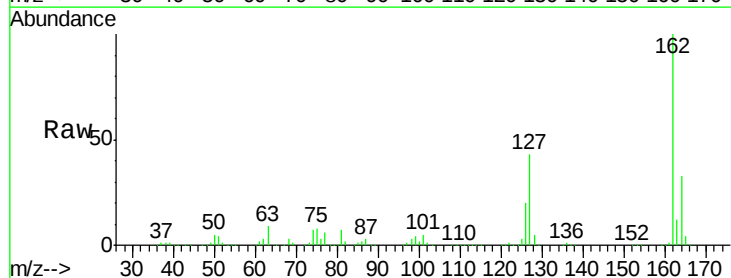
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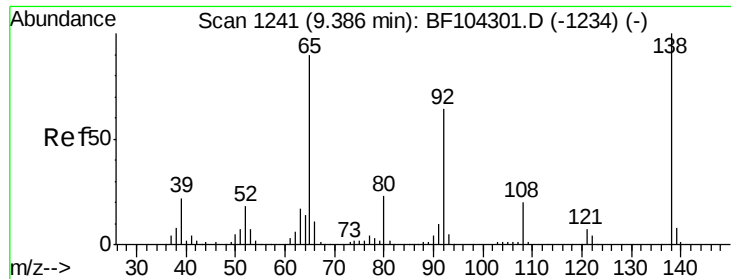
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#46  
 2-Chloronaphthalene  
 Concen: 38.811 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. -0.01 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 596417 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 43.2  | 33.9  | 50.9   |
| 164       | 32.9  | 26.5  | 39.7   |





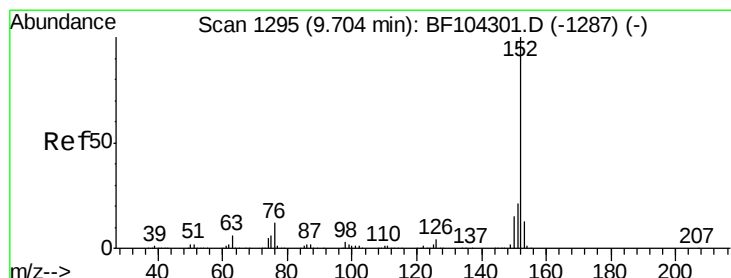
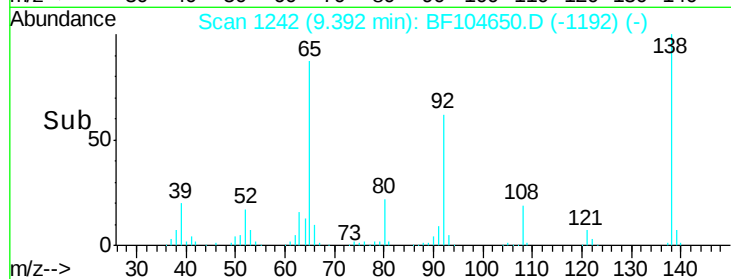
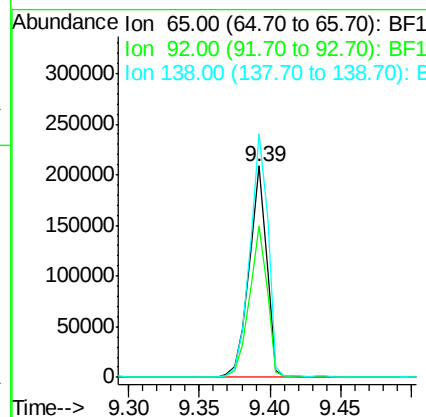
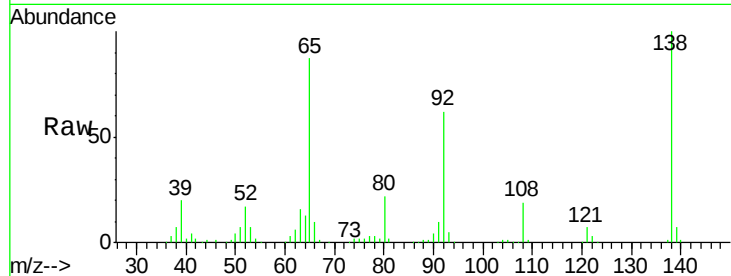
#47  
 2-Nitroaniline  
 Concen: 47.676 ng  
 RT: 9.39 min Scan# 1242  
 Delta R.T. -0.01 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.6  | 55.8  | 83.6  |
| 138     | 115.4 | 91.2  | 136.8 |

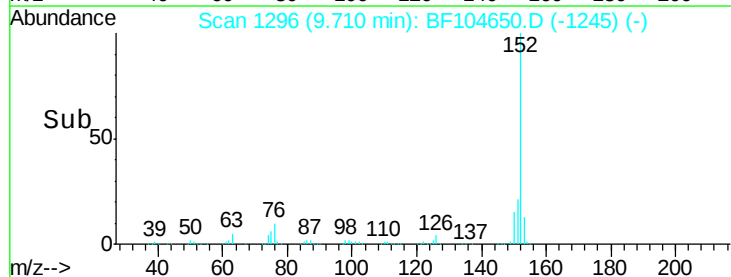
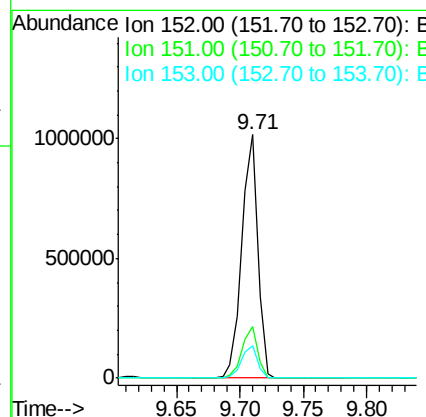
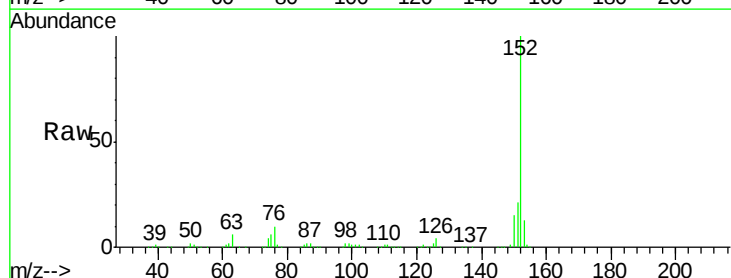
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#48  
 Acenaphthylene  
 Concen: 36.546 ng  
 RT: 9.71 min Scan# 1296  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.1  | 16.3  | 24.5  |
| 153     | 13.2  | 10.7  | 16.1  |





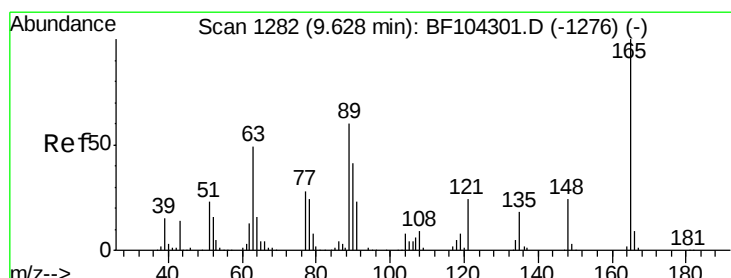
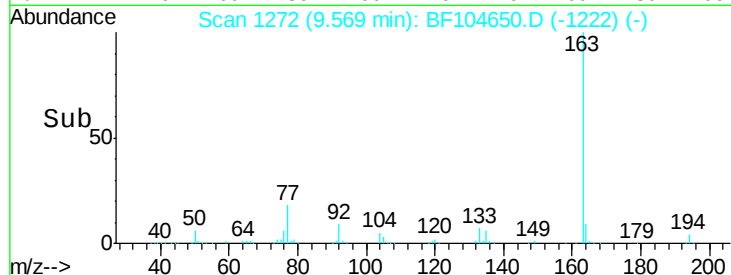
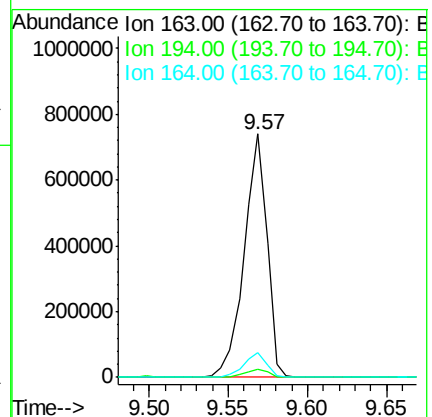
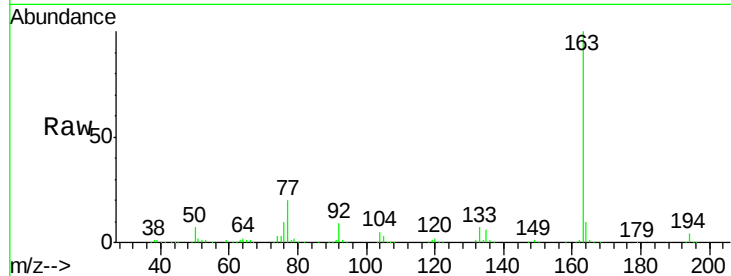
#49  
Dimethylphthalate  
Concen: 40.085 ng  
RT: 9.57 min Scan# 1272  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.5   | 2.7  | 4.1   |       |
| 164     | 10.4  | 8.2  | 12.2  |       |

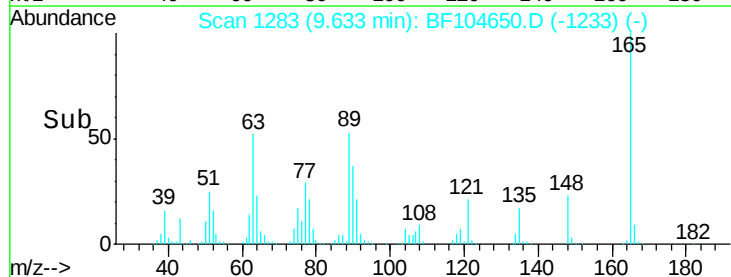
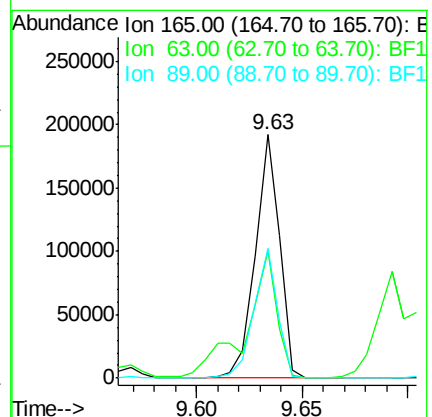
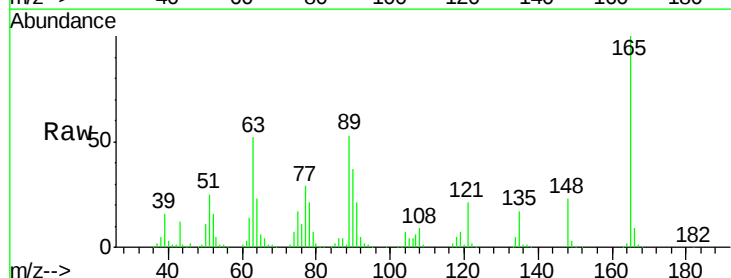
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#50  
2,6-Dinitrotoluene  
Concen: 45.519 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 52.2  | 44.7 | 67.1  |       |
| 89      | 53.5  | 44.0 | 66.0  |       |





#51

Acenaphthene

Concen: 34.763 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

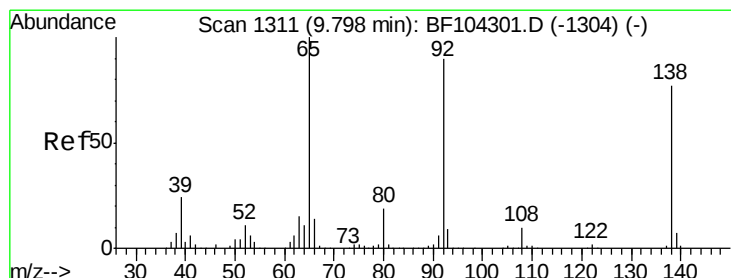
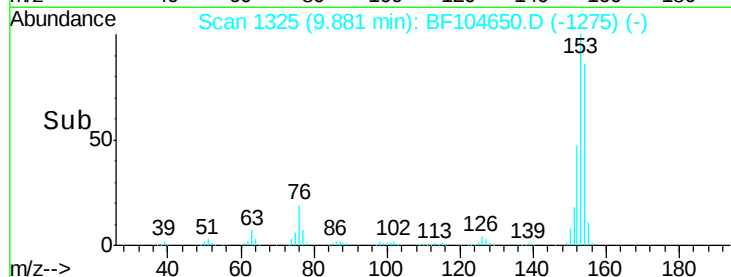
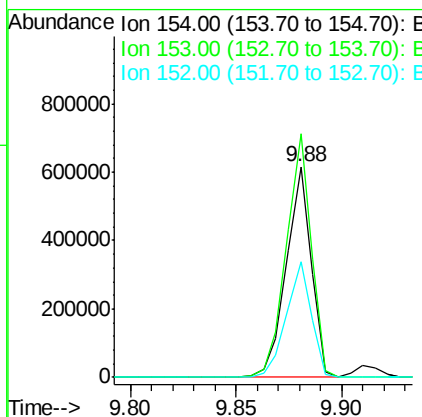
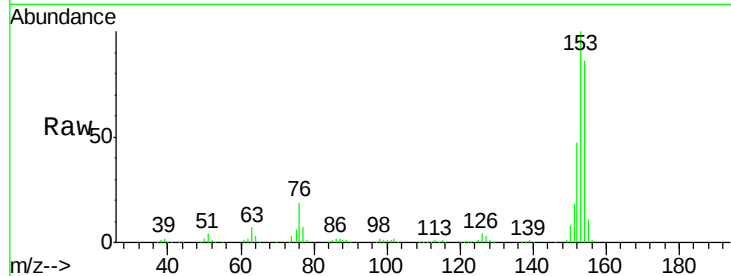
ClientSampleId :

PB108340BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 511398 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.7 | 91.2  | 136.8  |
| 152       | 54.7  | 43.8  | 65.8   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 16.267 ng

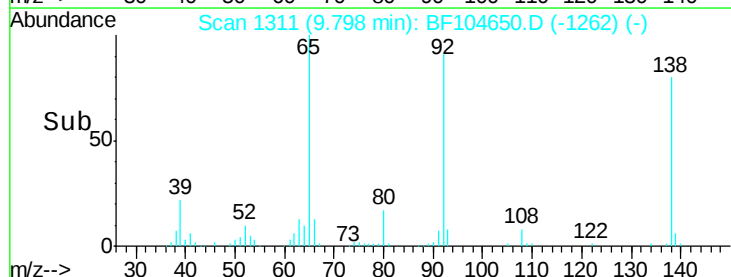
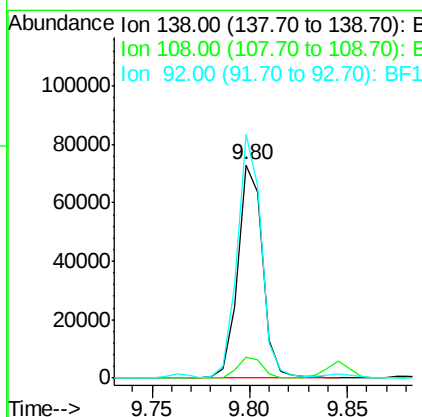
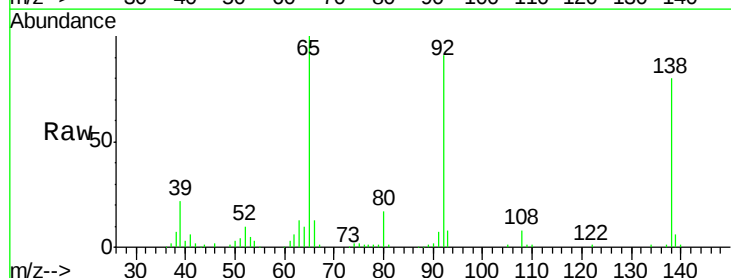
RT: 9.80 min Scan# 1311

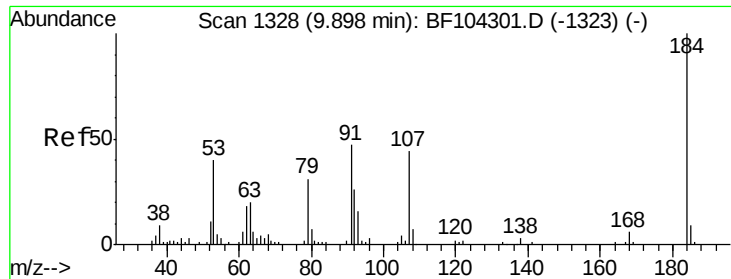
Delta R.T. -0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 64358 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.7   | 9.4   | 14.0  |
| 92        | 114.1 | 89.4  | 134.2 |





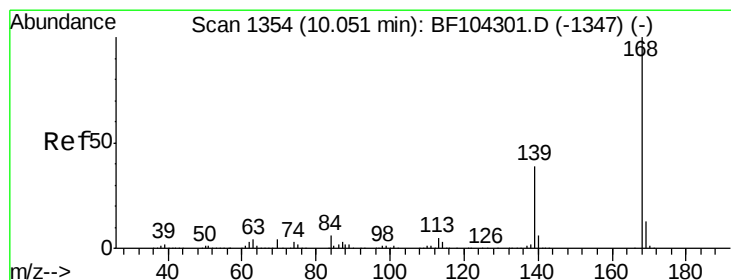
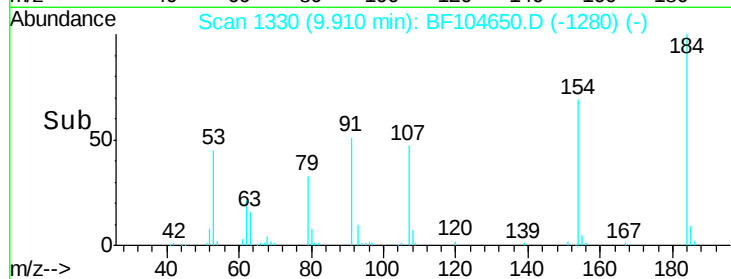
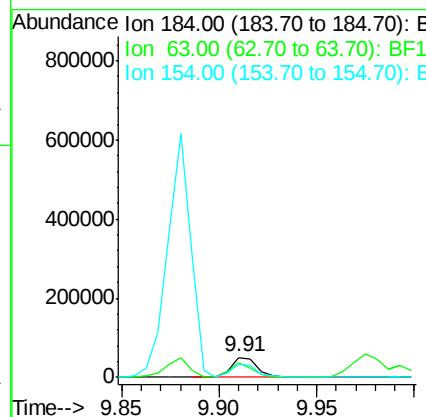
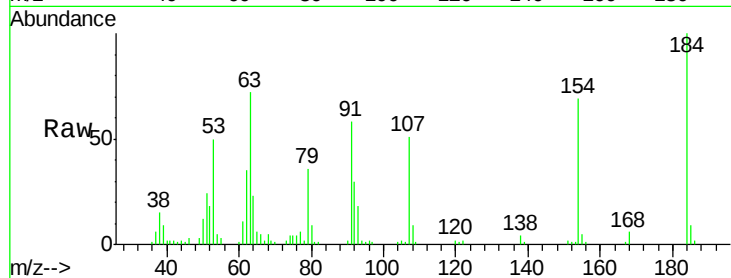
#53  
 2,4-Dinitrophenol  
 Concen: 44.944 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.01 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB108340BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   |       |       |       |
| 63      | 71.8  | 54.2  | 81.2  |       |
| 154     | 68.7  | 184.0 | 276.0 |       |

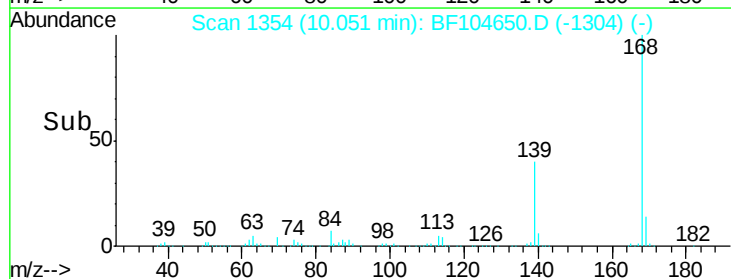
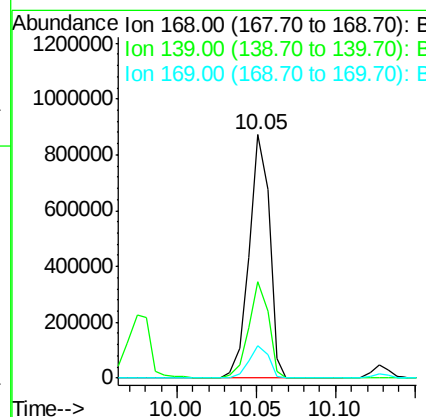
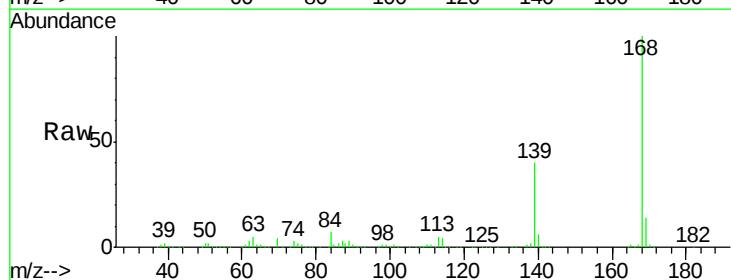
Manual Integrations  
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#54  
 Dibenzofuran  
 Concen: 37.700 ng  
 RT: 10.05 min Scan# 1354  
 Delta R.T. -0.01 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 39.6  | 30.1 | 45.1  |       |
| 169     | 13.6  | 10.9 | 16.3  |       |





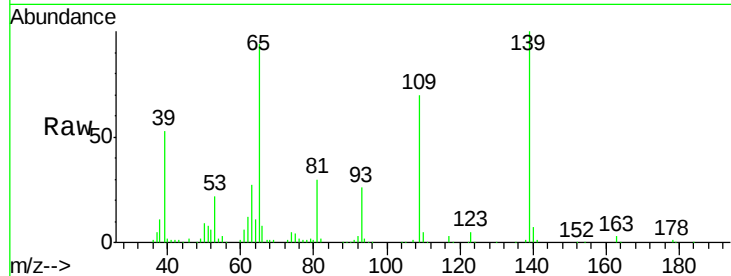
#55  
4-Nitrophenol  
Concen: 75.535 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

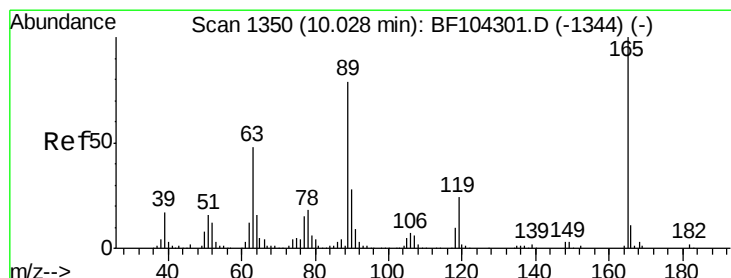
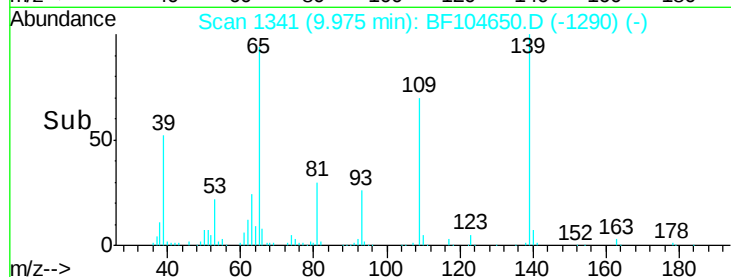
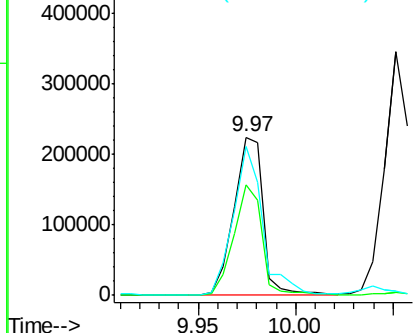
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 69.6  | 48.4  | 88.4  |
| 65      | 94.2  | 72.6  | 112.6 |

Manual Integrations  
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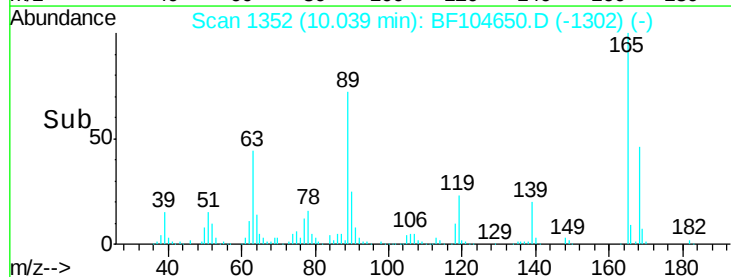
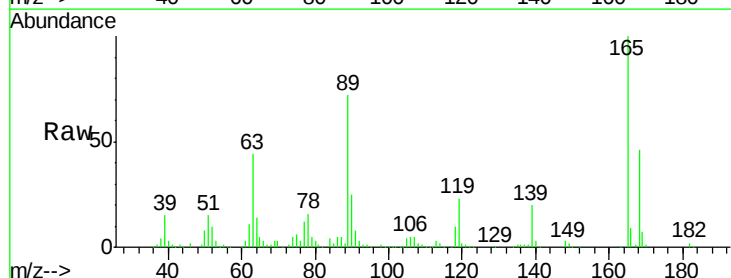
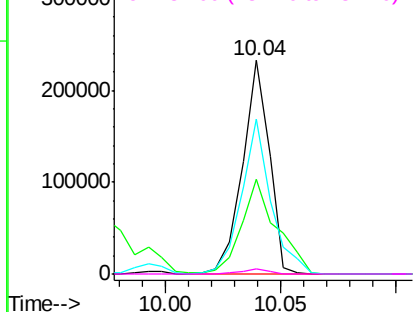
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1



#56  
2,4-Dinitrotoluene  
Concen: 42.487 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 44.2  | 36.4  | 54.6  |
| 89      | 72.3  | 57.8  | 86.6  |
| 182     | 2.4   | 1.6   | 2.4#  |

Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E





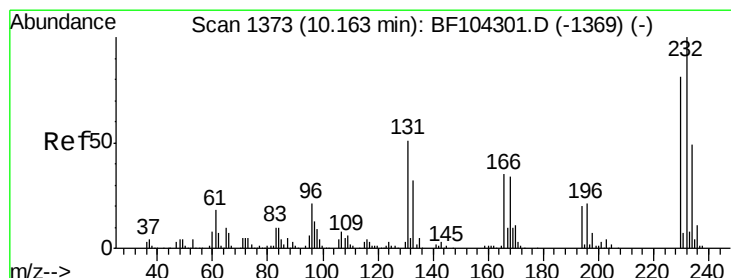
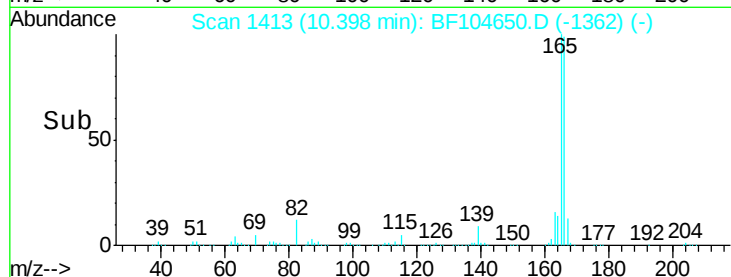
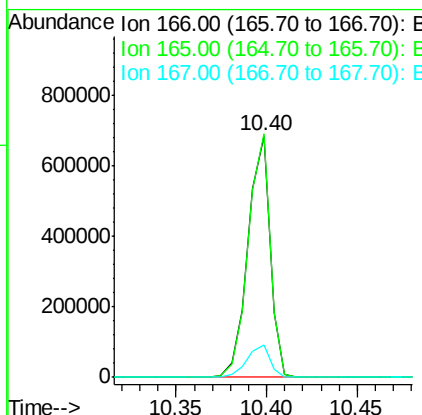
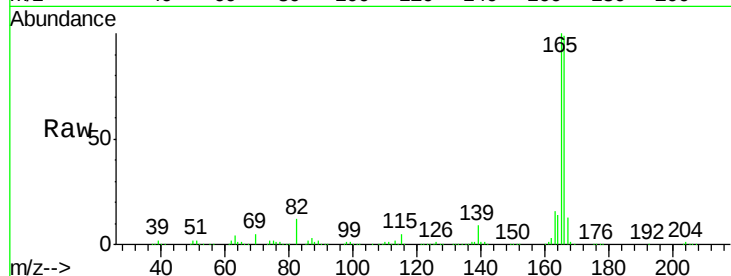
#57  
**Fluorene**  
 Concen: 39.070 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 100.8 | 79.8 | 119.8 |       |
| 167     | 13.4  | 10.6 | 16.0  |       |

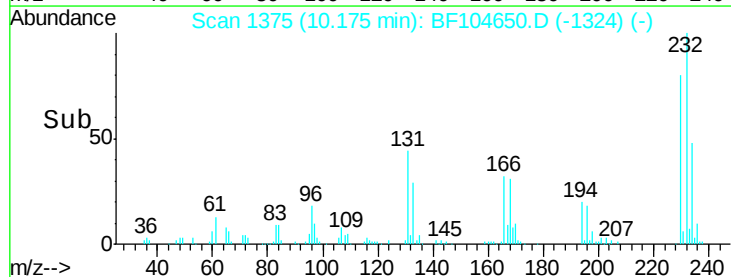
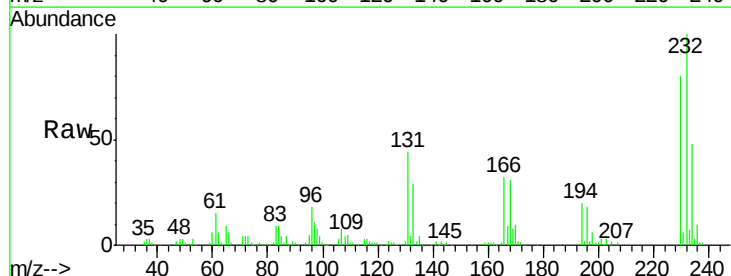
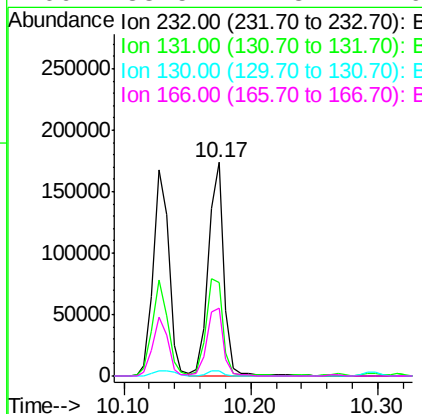
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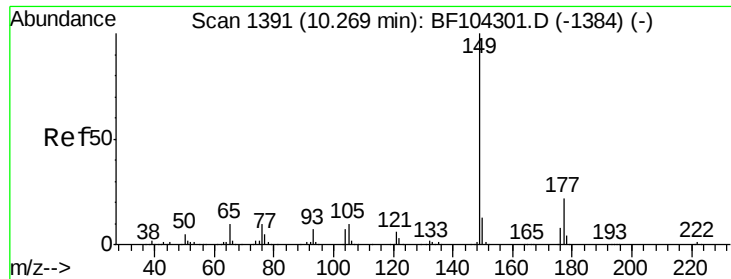
Sohil  
 4/20/2018 3:05:39 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 39.141 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 48.9  | 43.8 | 65.8  |       |
| 130     | 2.5   | 2.1  | 3.1   |       |
| 166     | 33.5  | 27.8 | 41.6  |       |





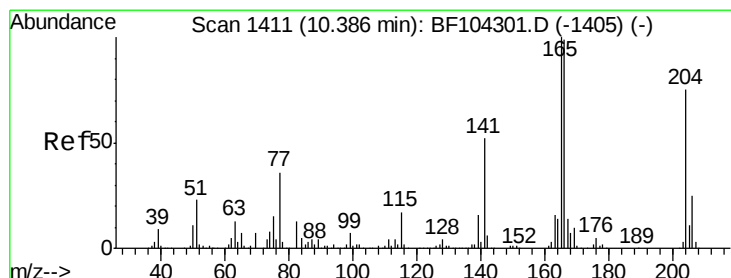
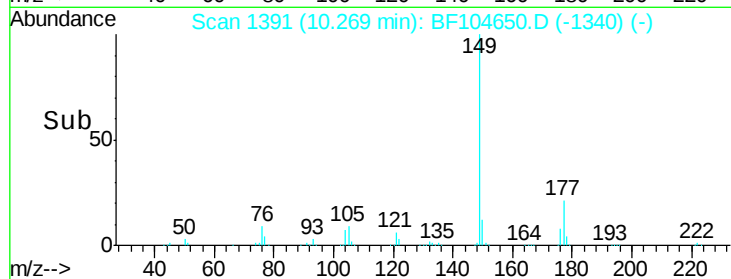
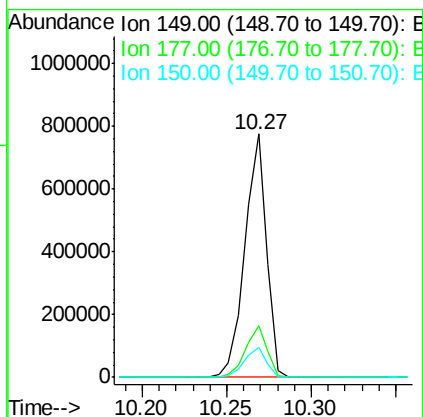
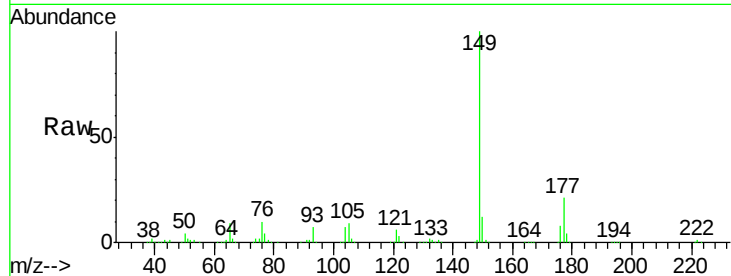
#59  
Diethylphthalate  
Concen: 38.136 ng  
RT: 10.27 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampled :  
PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.1  | 16.1  | 24.1  |
| 150     | 12.5  | 10.1  | 15.1  |

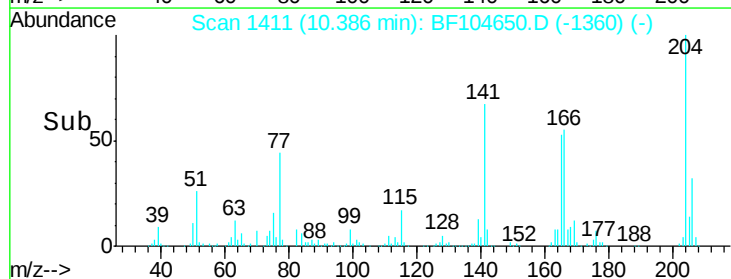
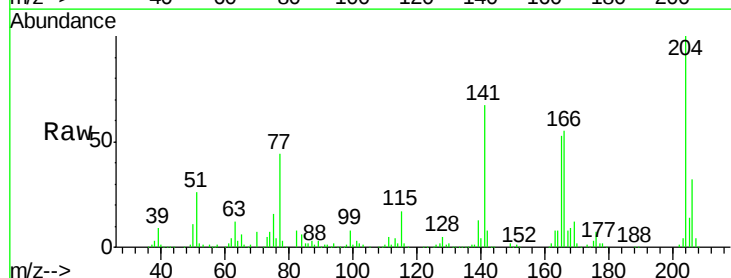
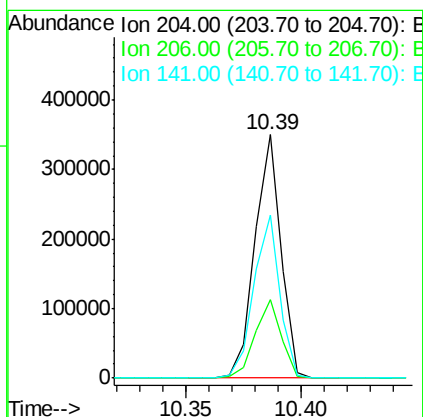
Manual Integrations  
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#60  
4-Chlorophenyl-phenylether  
Concen: 41.646 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.3  | 26.5  | 39.7  |
| 141     | 67.2  | 54.6  | 81.8  |





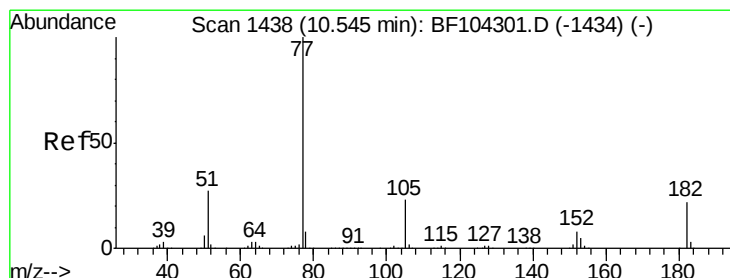
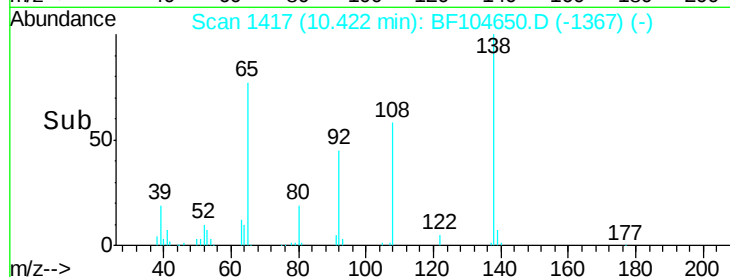
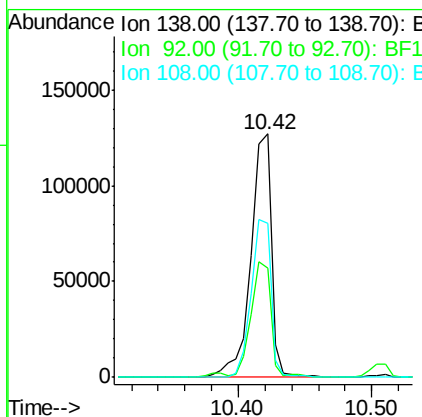
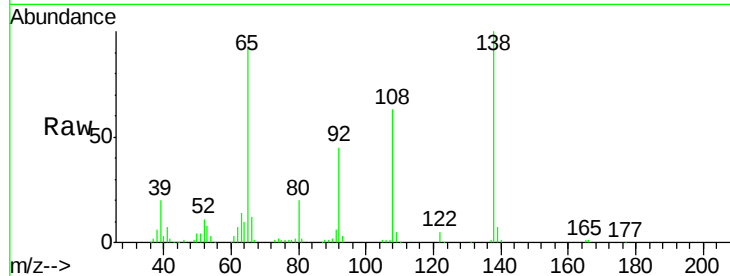
#61  
4-Nitroaniline  
Concen: 34.554 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 133664 |       |       |
| 92      | 44.8  | 30.2   | 70.2  |       |
| 108     | 63.4  | 52.5   | 92.5  |       |

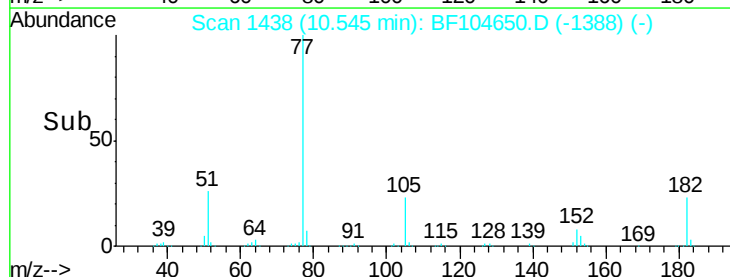
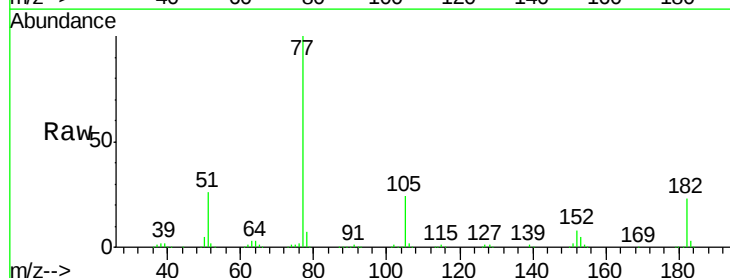
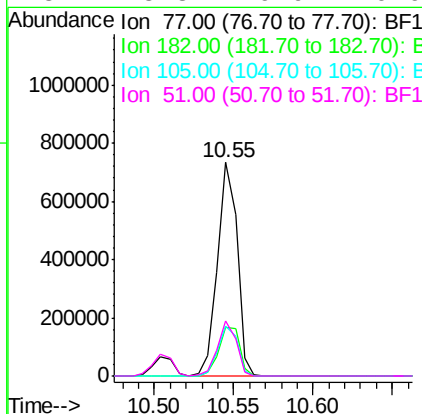
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#62  
Azobenzene  
Concen: 36.364 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 631912 |       |       |
| 182     | 22.6  | 1.7    | 41.7  |       |
| 105     | 23.6  | 3.0    | 43.0  |       |
| 51      | 25.8  | 9.9    | 49.9  |       |





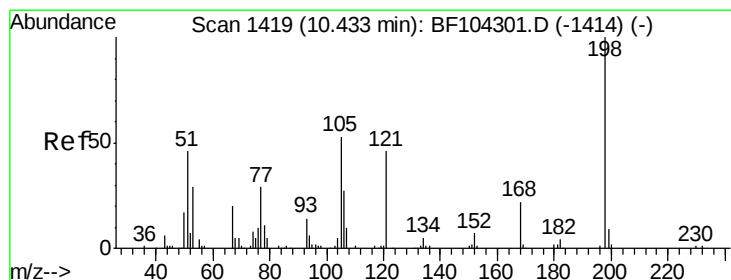
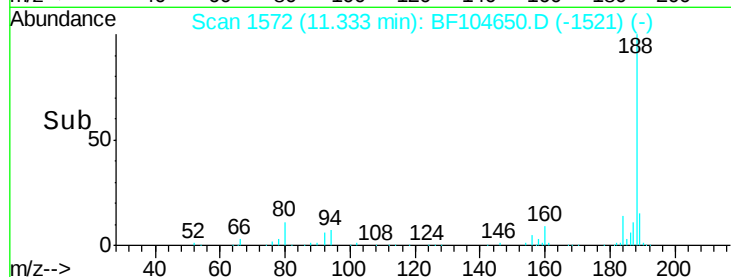
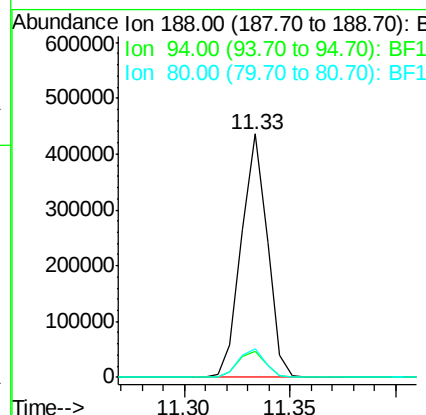
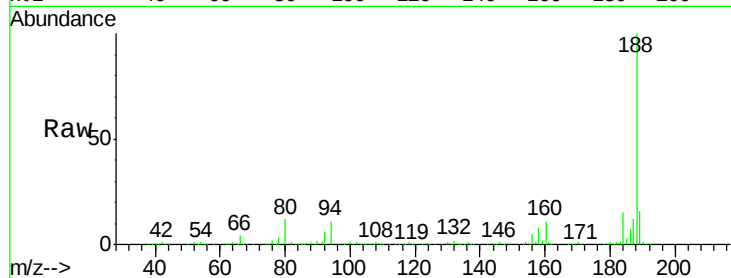
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampled :  
PB108340BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 10.7  | 8.5        | 12.7  |
| 80      | 11.8  | 9.2        | 13.8  |

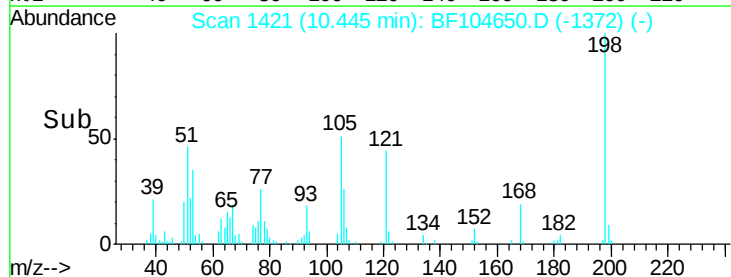
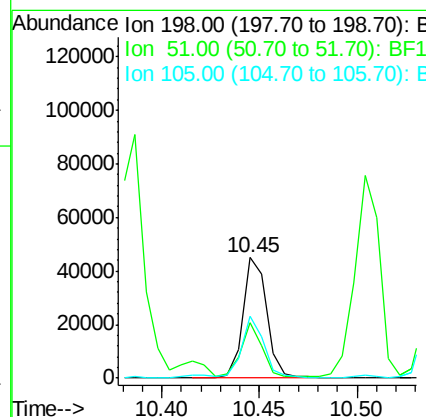
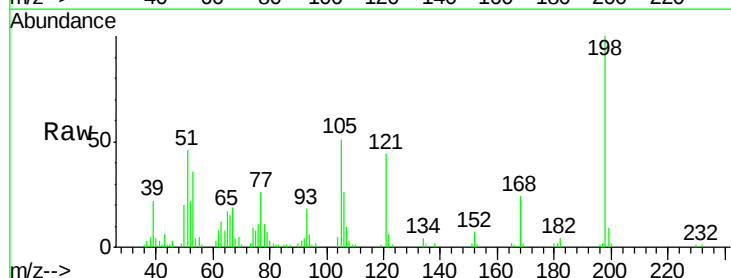
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 25.300 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 46.5  | 37.7       | 77.7  |
| 105     | 50.9  | 36.3       | 76.3  |





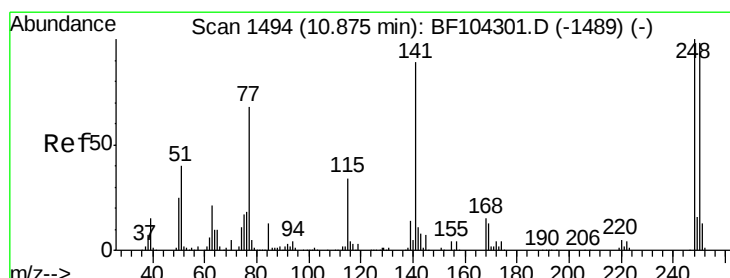
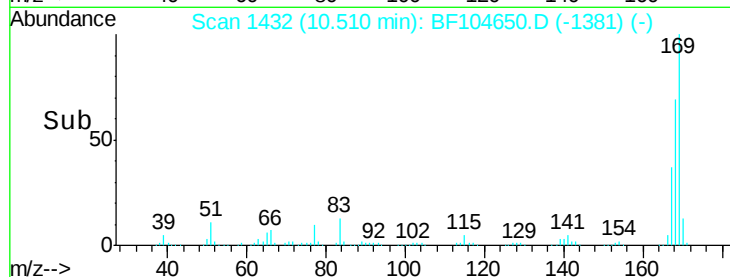
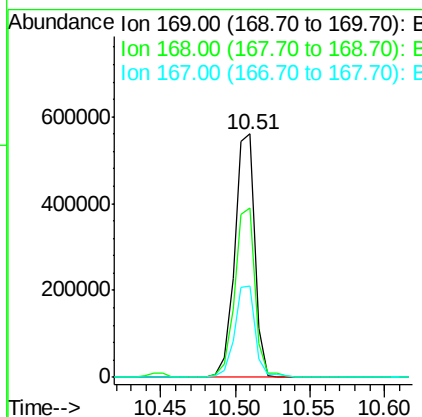
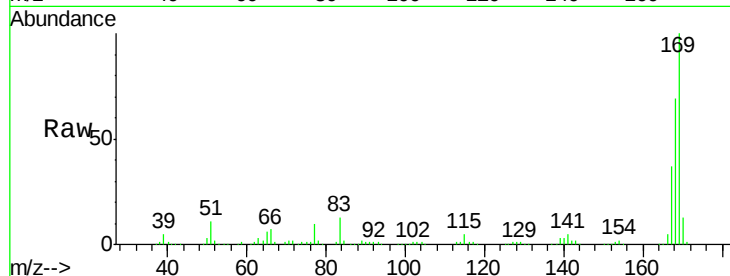
#65  
 n-Nitrosodiphenylamine  
 Concen: 41.313 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 532092 |       |       |
| 168     | 69.3  |        | 54.4  | 81.6  |
| 167     | 37.3  |        | 29.8  | 44.6  |

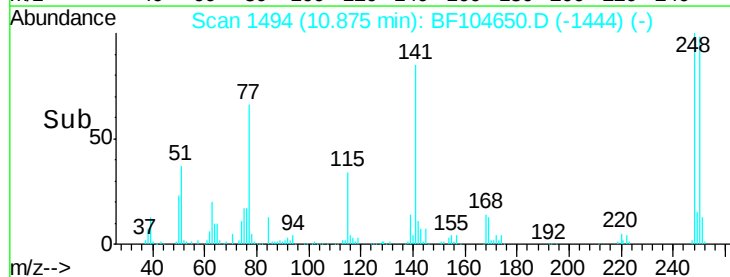
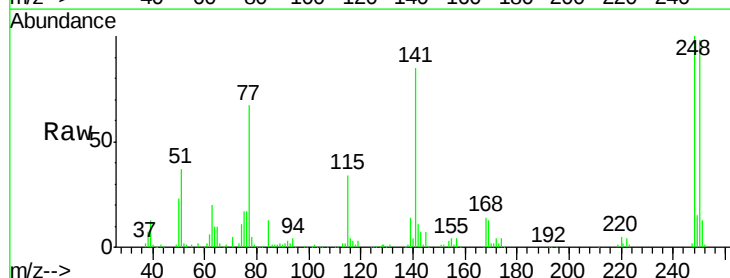
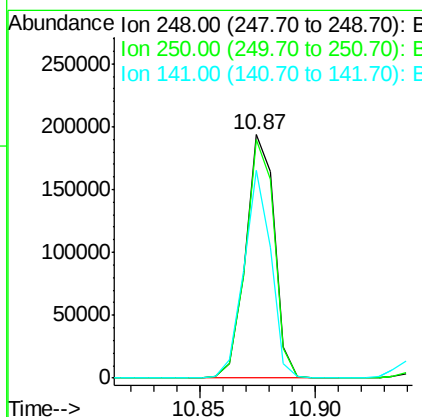
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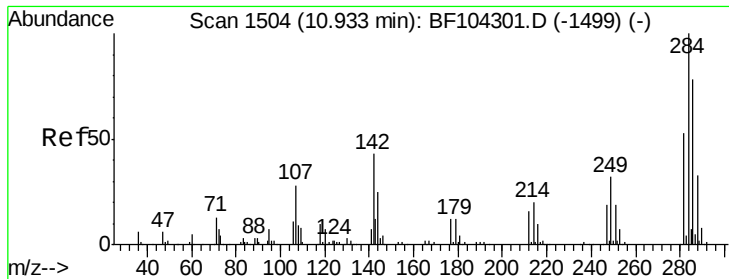
Sohil  
 4/20/2018 3:05:39 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 42.835 ng  
 RT: 10.87 min Scan# 1494  
 Delta R.T. -0.01 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 169246 |       |       |
| 250     | 97.8  |        | 76.9  | 115.3 |
| 141     | 85.2  |        | 74.4  | 111.6 |





#67

Hexachlorobenzene

Concen: 39.824 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

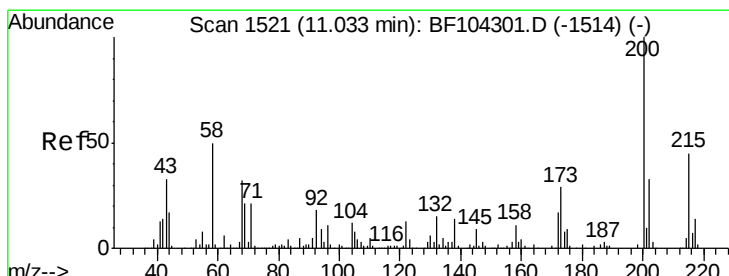
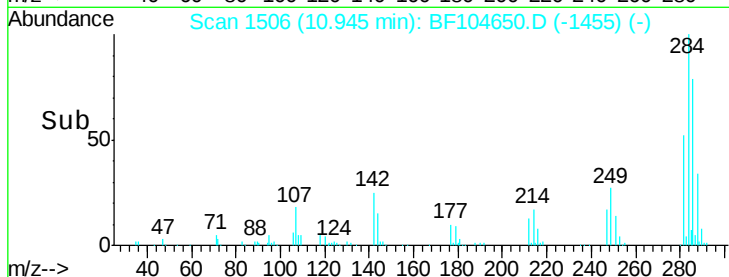
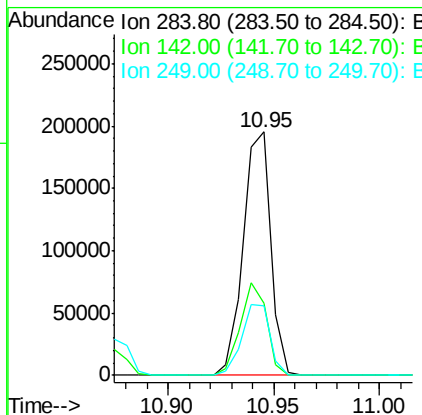
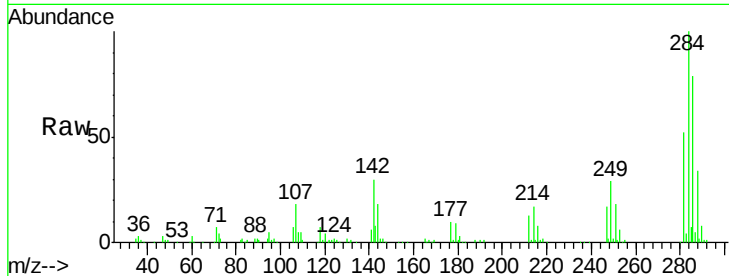
ClientSampled :

PB108340BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 177055 |       |       |
| 142     | 29.6  | 34.6   | 52.0  |       |
| 249     | 28.5  | 24.8   | 37.2  |       |

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#68

Atrazine

Concen: 44.491 ng

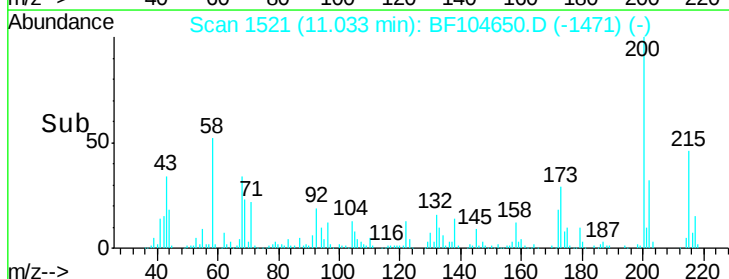
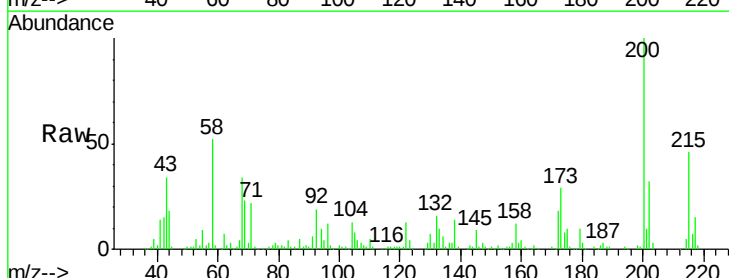
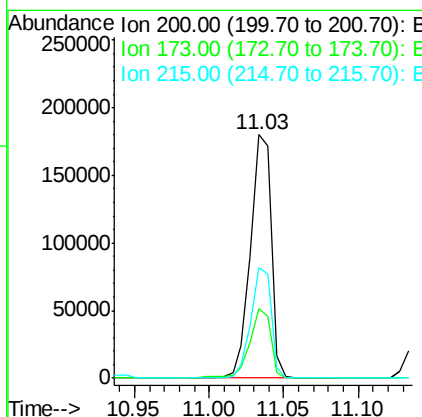
RT: 11.03 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 172963 |       |       |
| 173     | 28.7  | 8.6    | 48.6  |       |
| 215     | 45.6  | 25.1   | 65.1  |       |





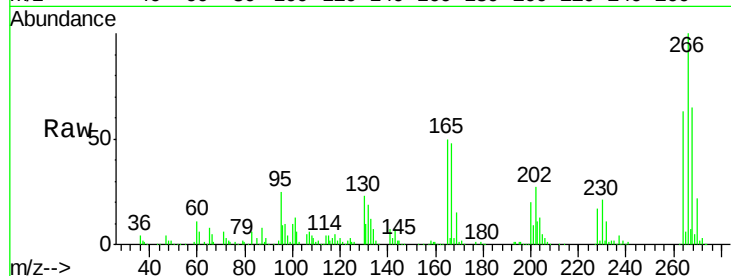
#69  
 Pentachlorophenol  
 Concen: 59.448 ng  
 RT: 11.14 min Scan# 1539  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

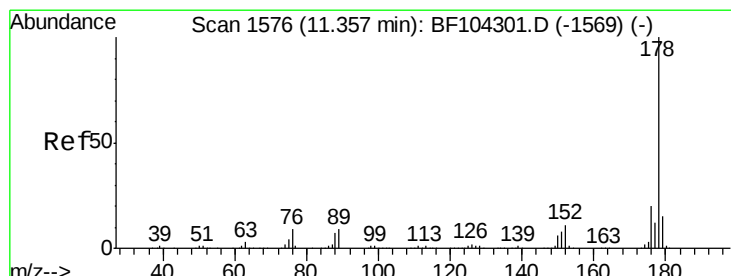
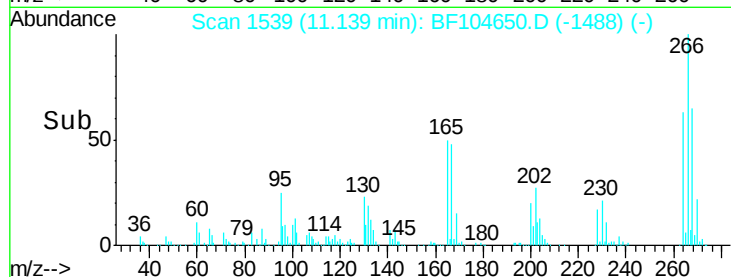
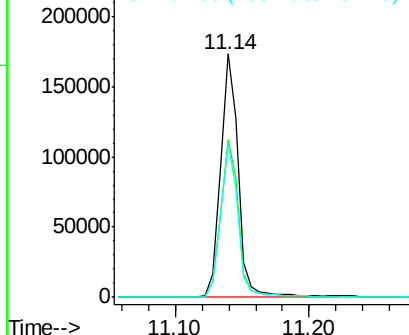
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 163510 |       |       |
| 268     | 64.9  | 51.1   | 76.7  |       |
| 264     | 63.1  | 49.5   | 74.3  |       |

Manual Integrations  
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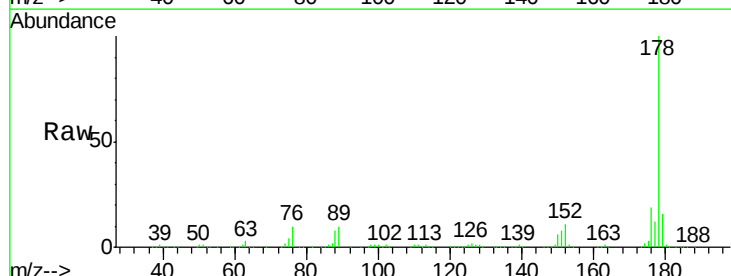


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

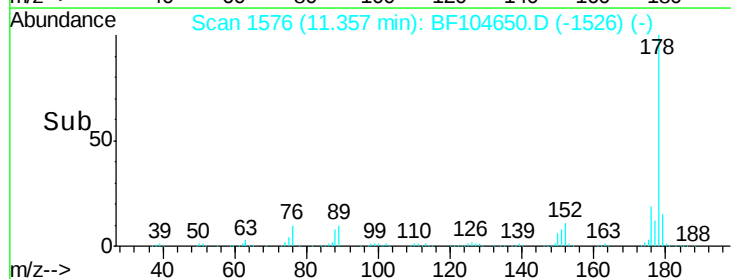
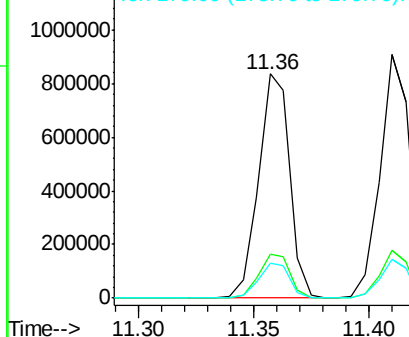


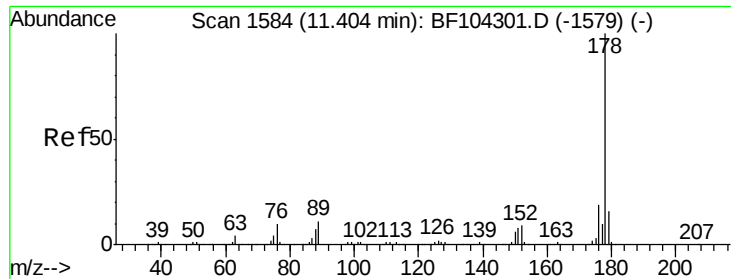
#70  
 Phenanthrene  
 Concen: 37.996 ng  
 RT: 11.36 min Scan# 1576  
 Delta R.T. -0.01 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 785993 |       |       |
| 176     | 19.5  | 15.8   | 23.8  |       |
| 179     | 15.7  | 13.0   | 19.6  |       |



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





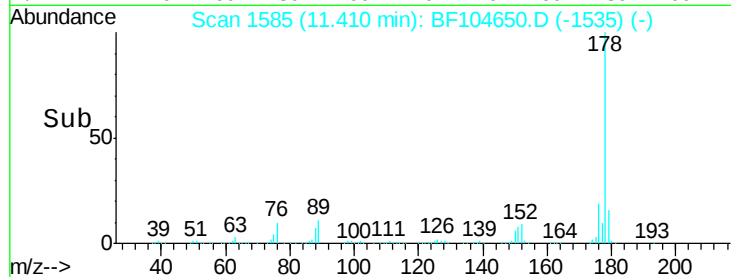
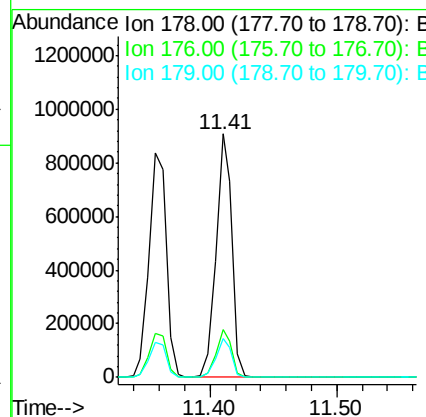
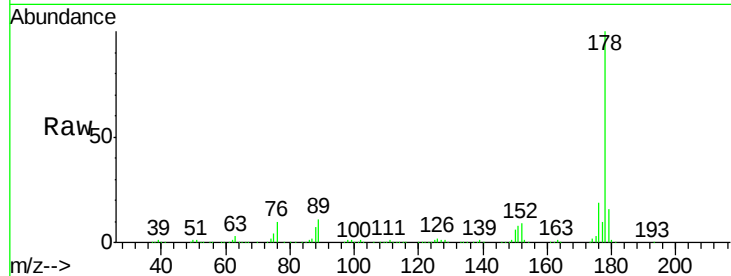
#71  
 Anthracene  
 Concen: 38.087 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. -0.01 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.4  | 23.2  |
| 179     | 15.9  | 12.6  | 19.0  |

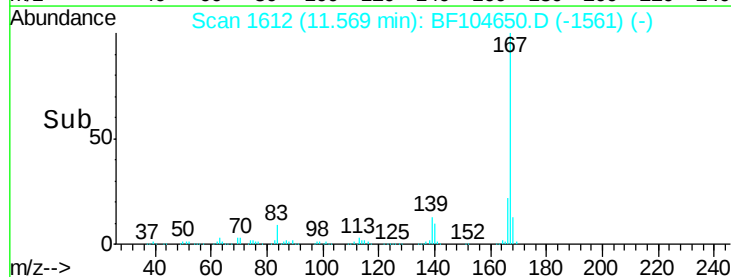
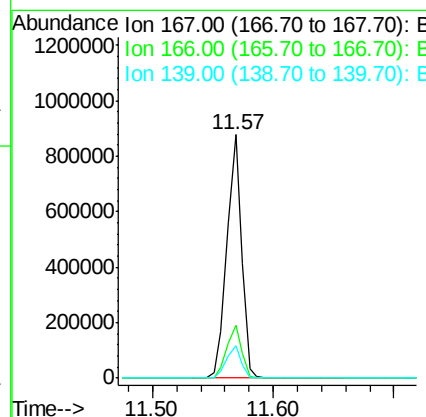
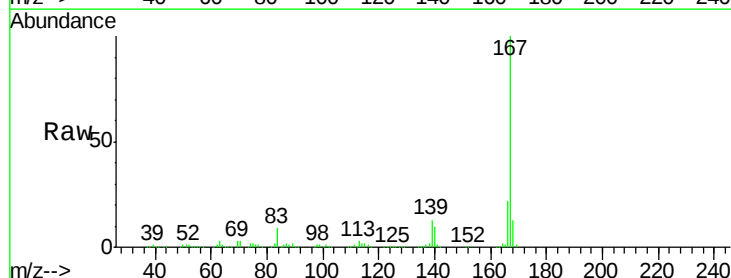
Manual Integrations  
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 4/20/2018 3:05:39 PM



#72  
 Carbazole  
 Concen: 35.922 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 17.6  | 26.4  |
| 139     | 13.4  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 39.657 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

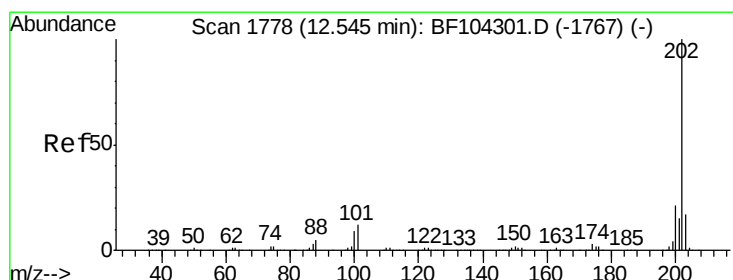
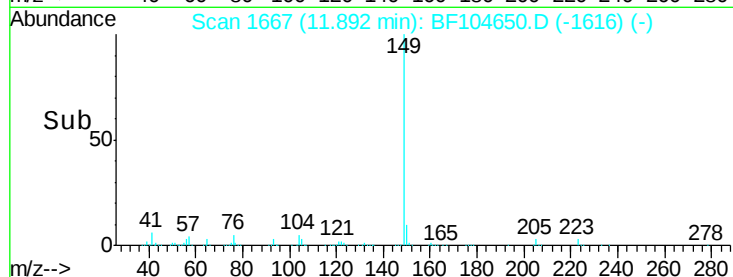
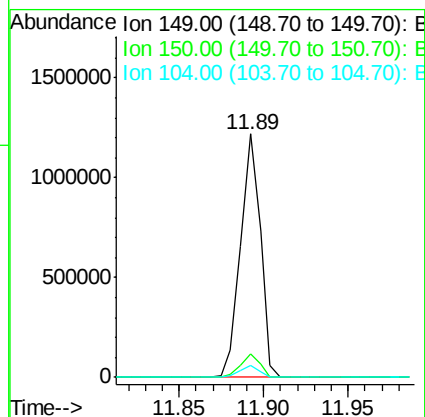
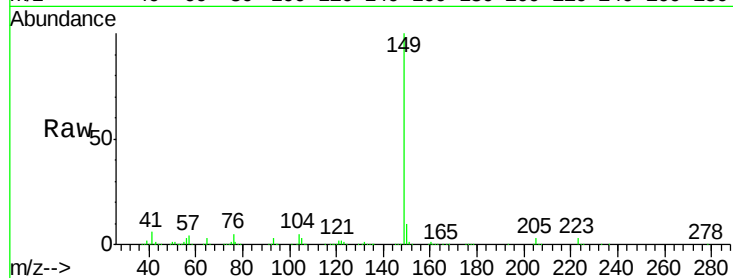
ClientSampleId :

PB108340BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 995422 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.6   | 7.8   | 11.6   |
| 104       | 5.1   | 3.8   | 5.8    |

Manual Integrations  
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4/20/2018 3:05:39 PM



#74

Fluoranthene

Concen: 34.229 ng

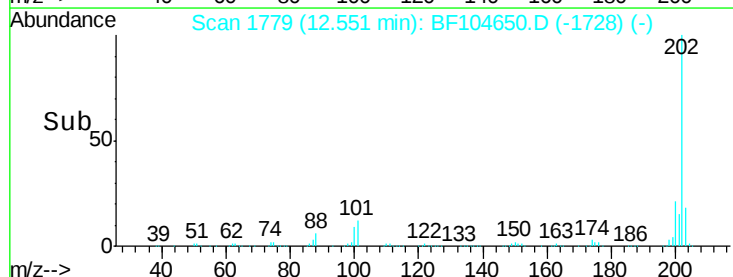
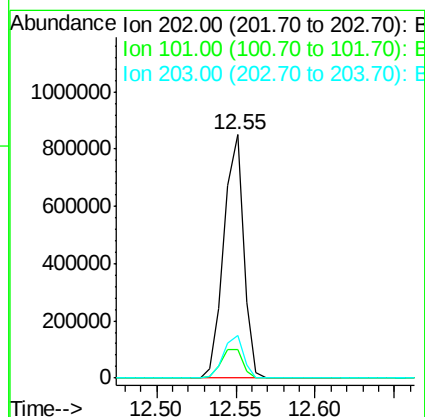
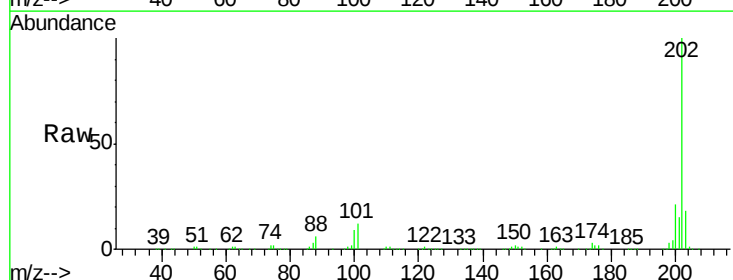
RT: 12.55 min Scan# 1779

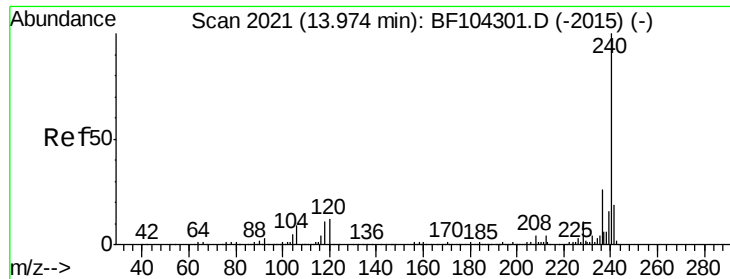
Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 739799 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.0  | 0.0   | 34.1   |
| 203       | 17.6  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

ClientSampleId :

PB108340BS

Tot Ion:240 Resp: 266918

Ion Ratio Lower Upper

240 100

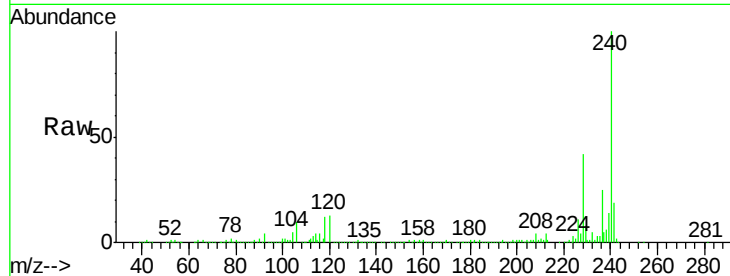
120 12.8 9.5 14.3

236 25.4 20.7 31.1

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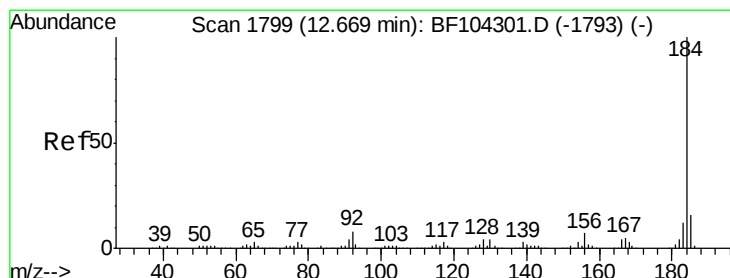
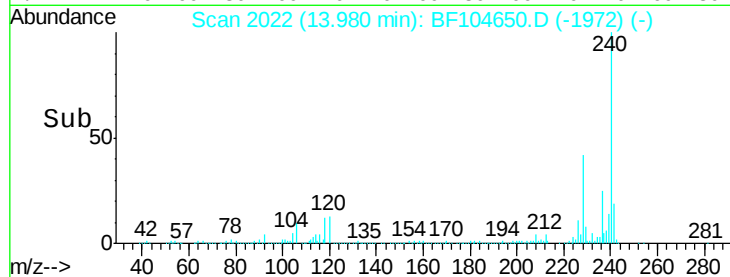
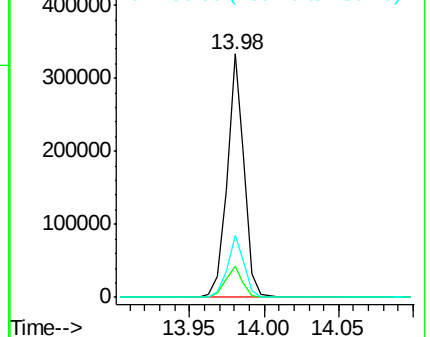
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.017 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

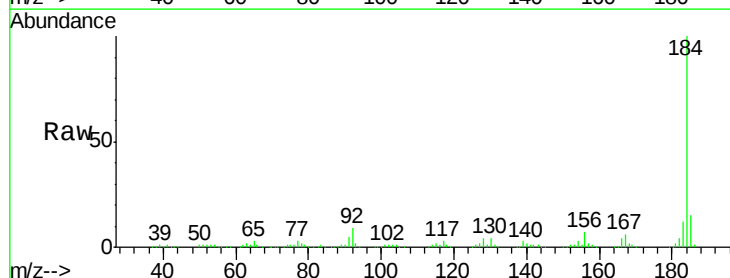
Tgt Ion:184 Resp: 393431

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

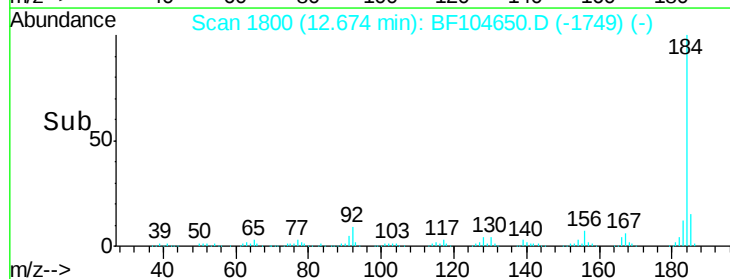
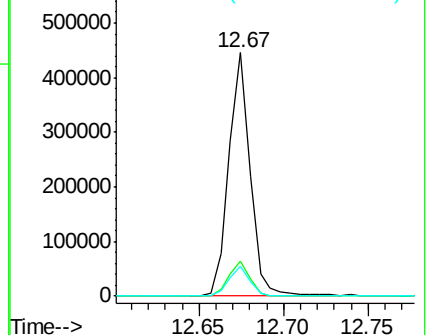
183 12.2 9.3 13.9

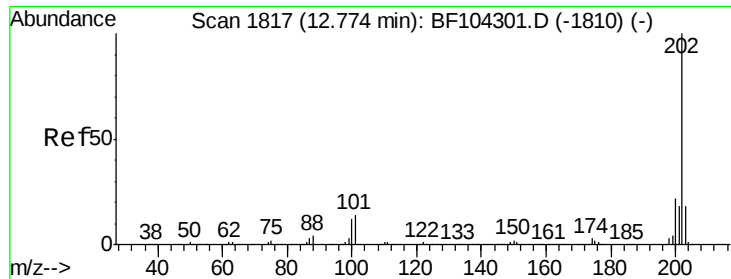


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





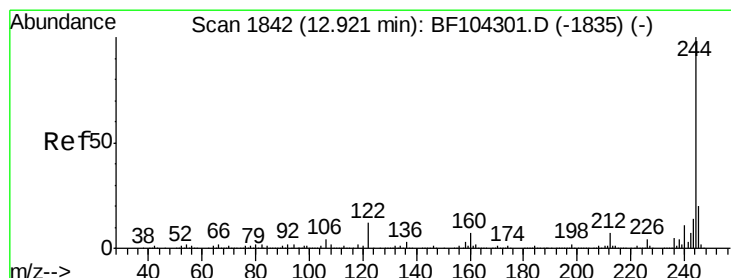
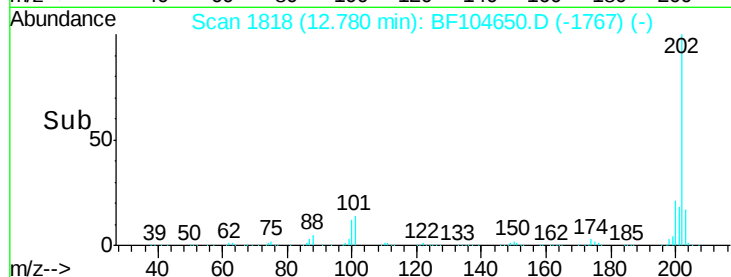
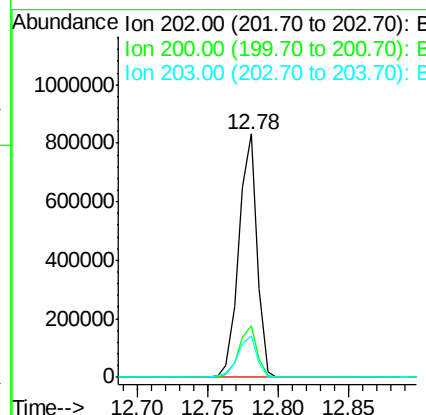
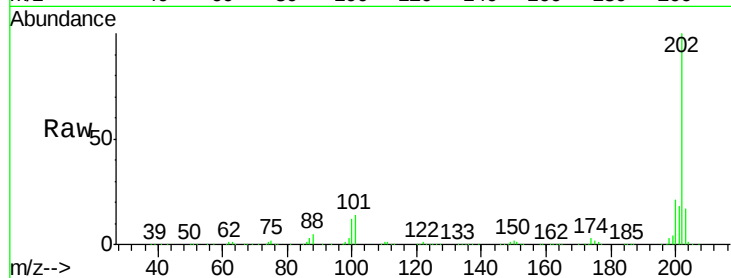
#77  
Pvrene  
Concen: 37.474 ng  
RT: 12.78 min Scan# 1818  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.2  | 17.4       | 26.2  |
| 203     | 16.7  | 14.3       | 21.5  |

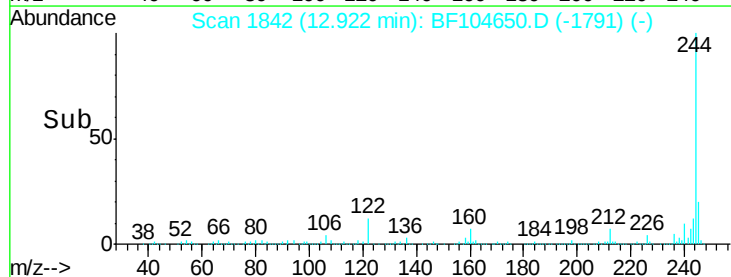
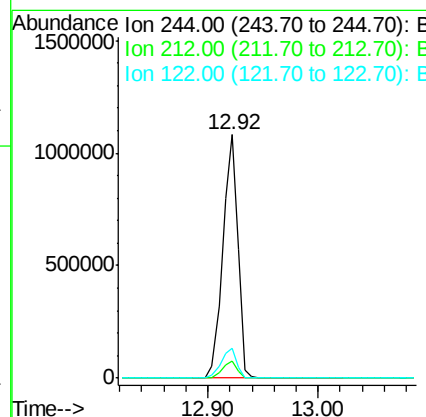
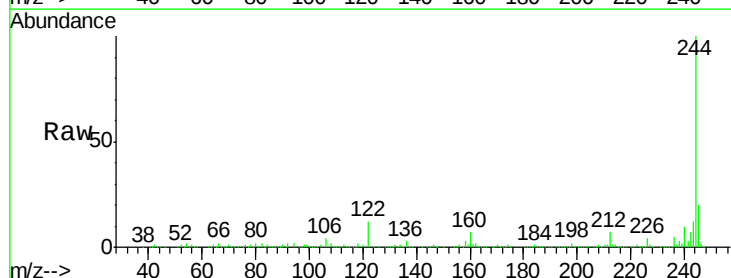
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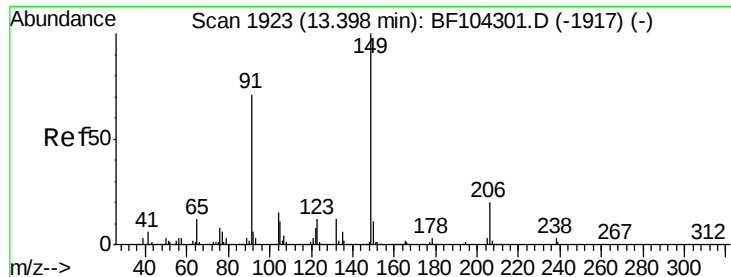
Sohil  
4/20/2018 3:05:39 PM



#78  
Terphenyl-d14  
Concen: 86.620 ng  
RT: 12.92 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.0   | 5.4        | 8.0   |
| 122     | 12.3  | 11.0       | 16.4  |





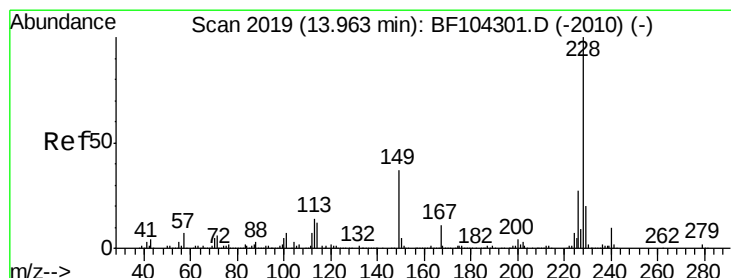
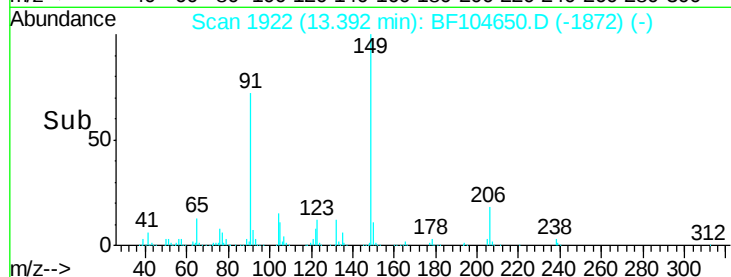
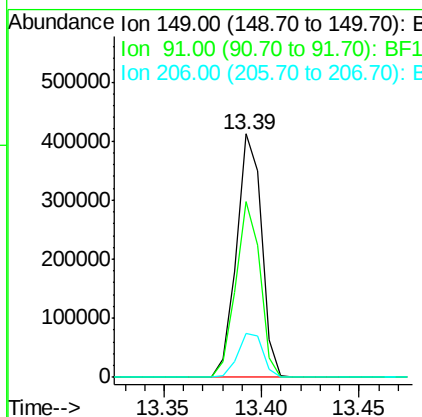
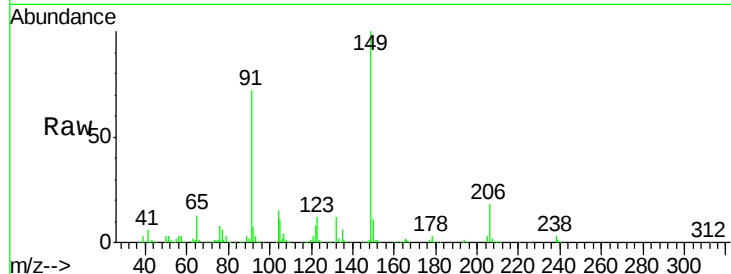
#79  
Butylbenzylphthalate  
Concen: 39.362 ng  
RT: 13.39 min Scan# 1922  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampled :  
PB108340BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 366891 |       |       |
| 91      | 72.3  | 56.8   | 85.2  |       |
| 206     | 17.9  | 14.1   | 21.1  |       |

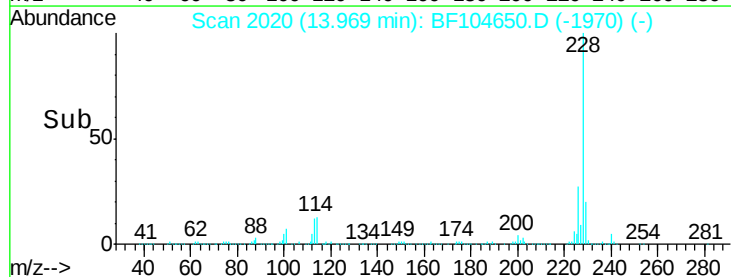
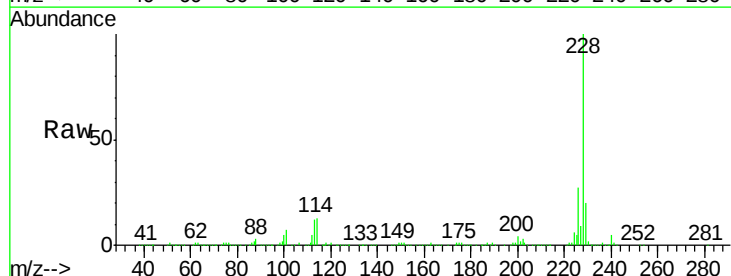
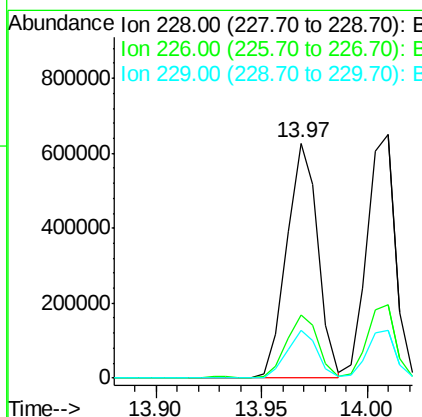
Manual Integrations  
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4/20/2018 3:05:39 PM



#80  
Benzo(a)anthracene  
Concen: 40.319 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 642932 |       |       |
| 226     | 26.8  | 22.6   | 33.8  |       |
| 229     | 20.1  | 15.8   | 23.6  |       |





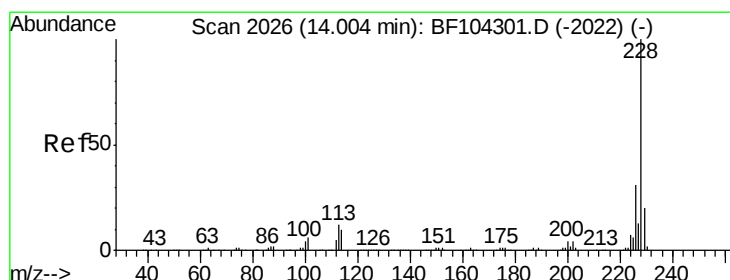
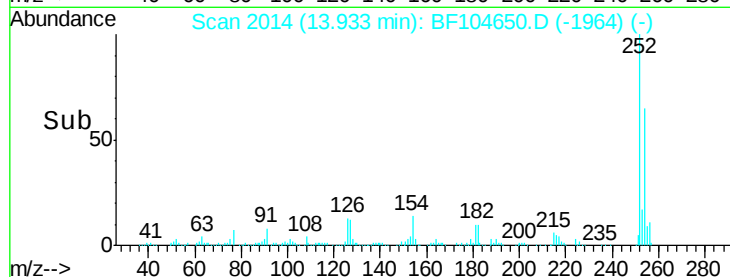
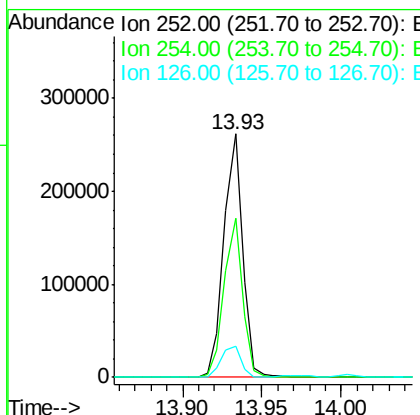
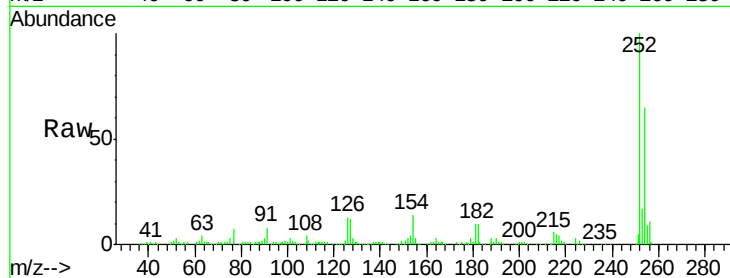
#81  
 3,3'-Dichlorobenzidine  
 Concen: 36.429 ng  
 RT: 13.93 min Scan# 2014  
 Delta R.T. -0.01 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 216589 |       |       |
| 254     | 65.1  |        | 50.4  | 75.6  |
| 126     | 12.6  |        | 11.3  | 16.9  |

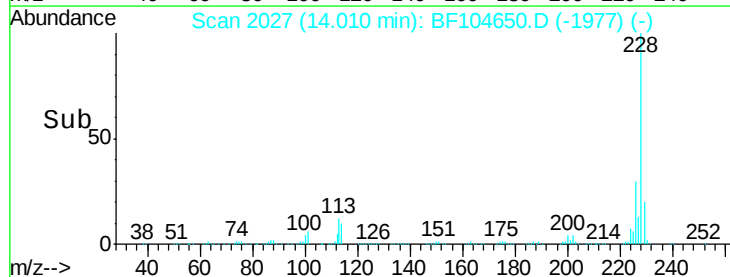
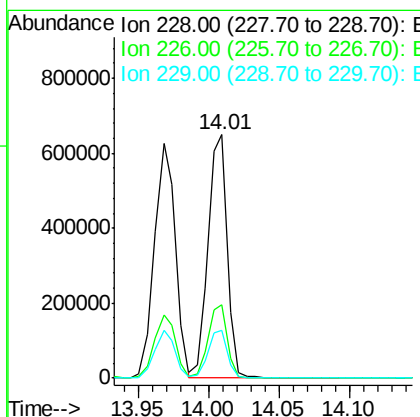
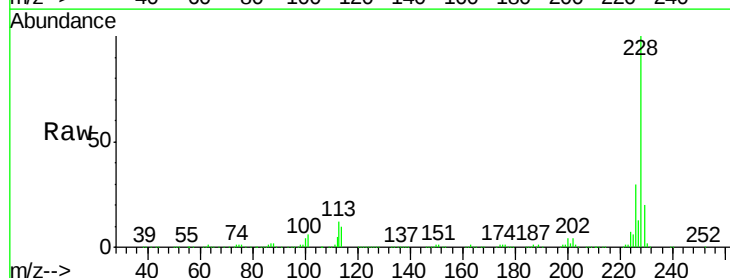
Manual Integrations  
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Sohil  
 4/20/2018 3:05:39 PM



#82  
 Chrysene  
 Concen: 37.419 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.01 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 612877 |       |       |
| 226     | 30.2  |        | 25.0  | 37.6  |
| 229     | 19.9  |        | 16.2  | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.323 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

Instrument :

BNA\_F

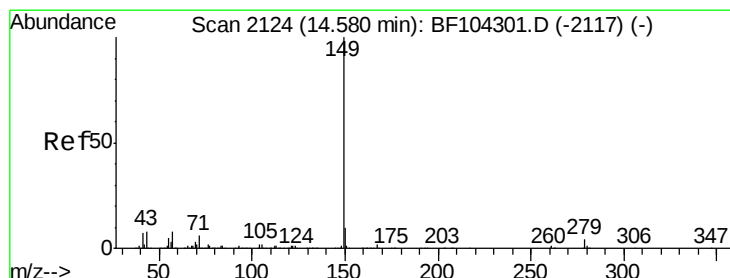
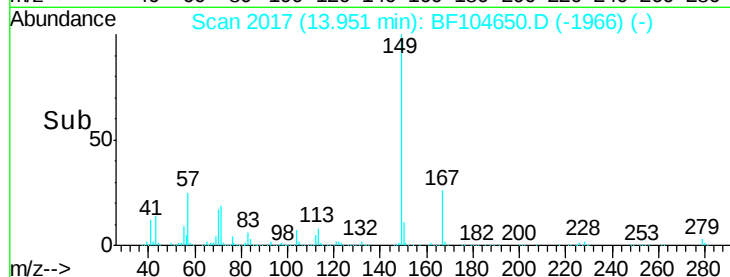
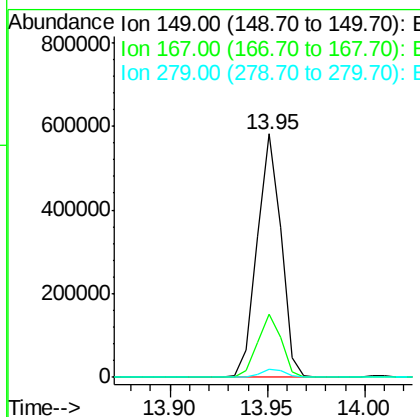
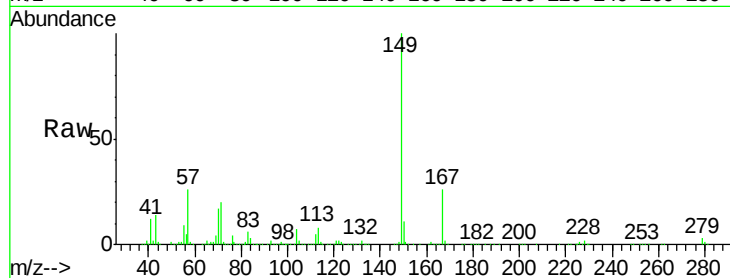
ClientSampleId :

PB108340BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 495428 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.2  | 21.3  | 31.9   |
| 279       | 3.4   | 3.0   | 4.4    |

Manual Integrations  
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Sohil  
4/20/2018 3:05:39 PM



#84

Di-n-octyl phthalate

Concen: 40.462 ng

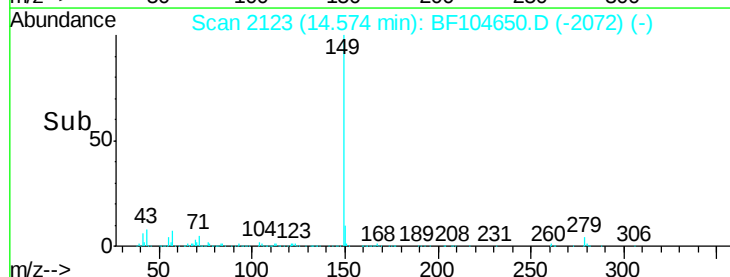
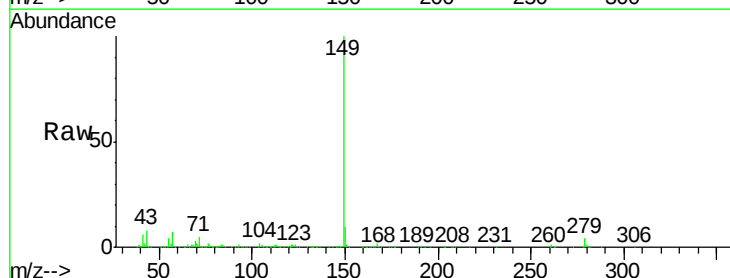
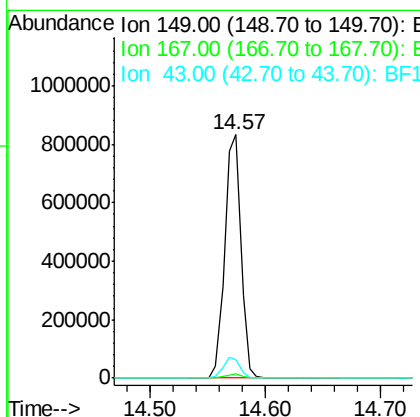
RT: 14.57 min Scan# 2123

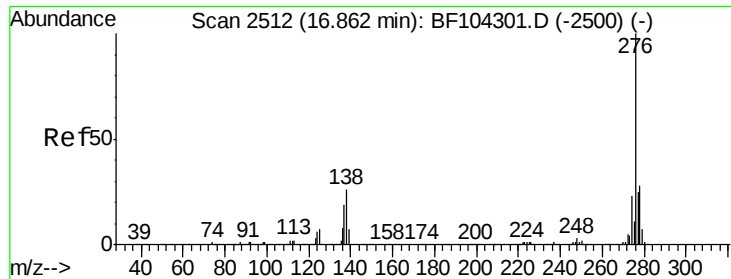
Delta R.T. 0.00 min

Lab File: BF104650.D

Acq: 20 Apr 2018 1:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 810569 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.6   | 1.2   | 1.8    |
| 43        | 8.4   | 8.4   | 12.6   |





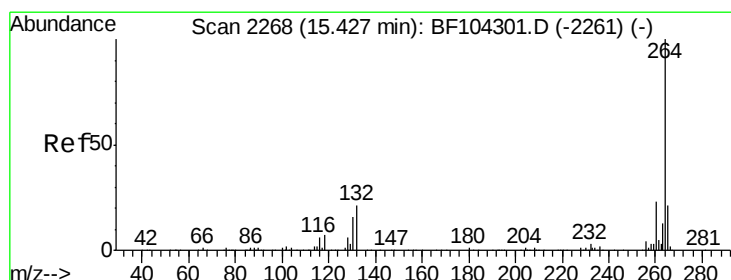
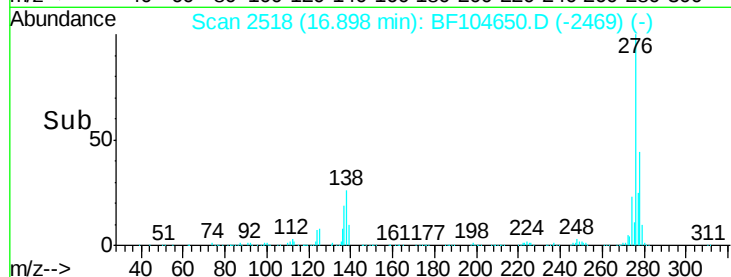
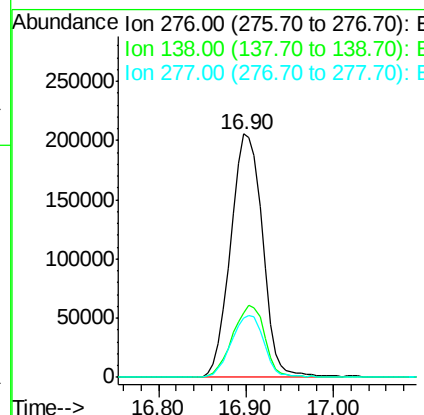
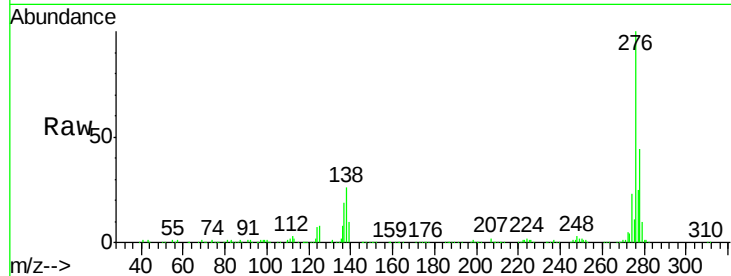
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 36.844 ng  
RT: 16.90 min Scan# 2518  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampled :  
PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 30.0  | 25.0  | 37.6  |
| 277     | 26.0  | 20.1  | 30.1  |

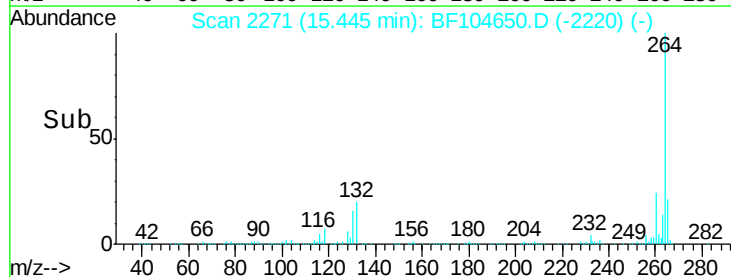
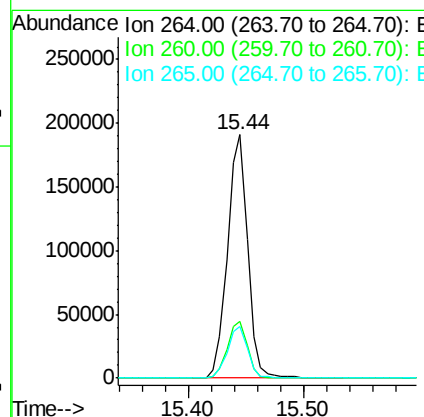
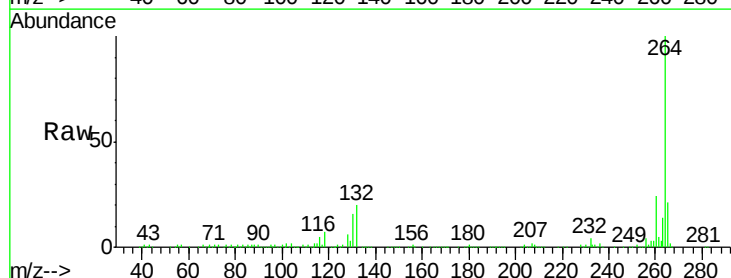
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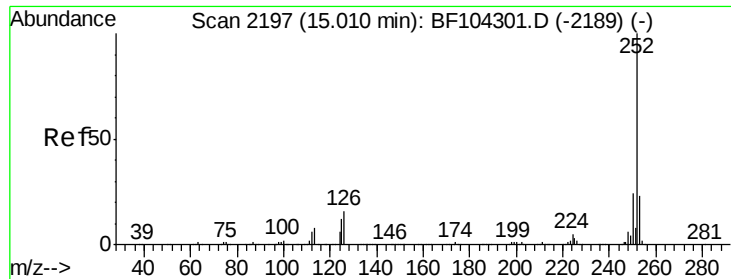
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.44 min Scan# 2271  
Delta R.T. 0.00 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.2  | 28.8  |
| 265     | 21.1  | 17.5  | 26.3  |





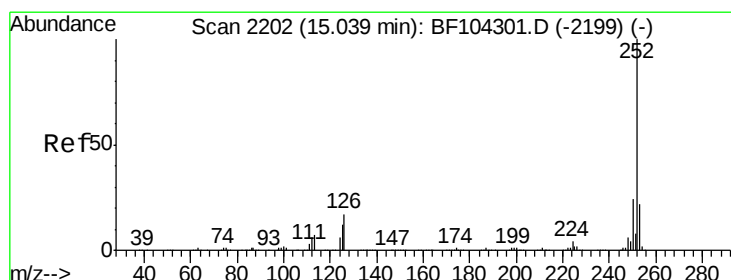
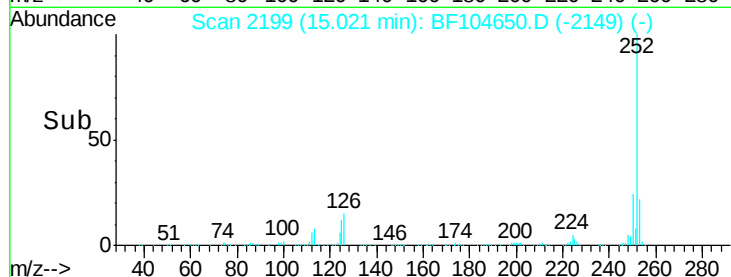
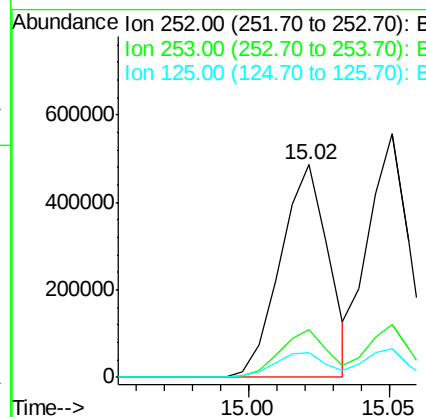
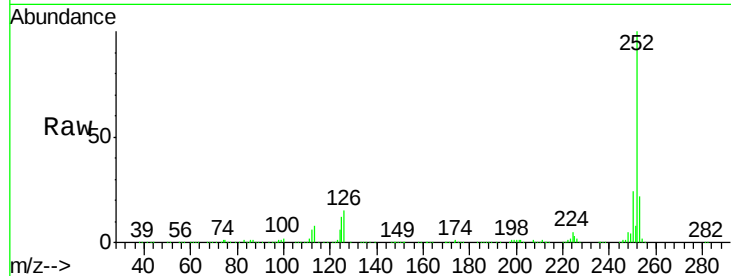
#87  
Benzo(b)fluoranthene  
Concen: 39.502 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.0  | 25.6  |
| 125     | 11.8  | 9.0   | 13.6  |

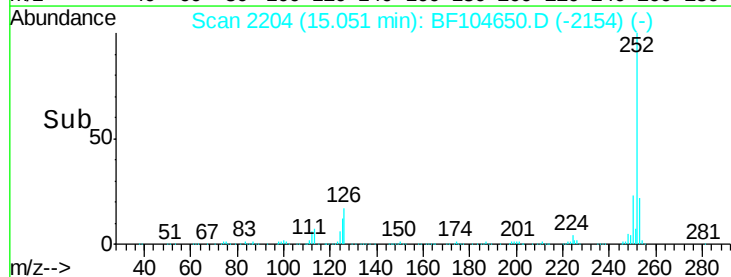
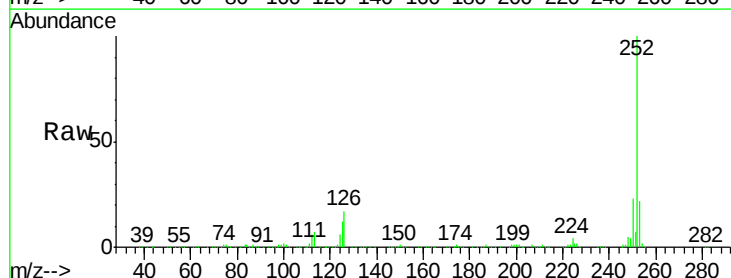
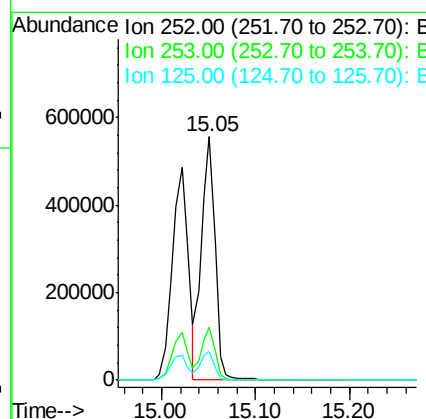
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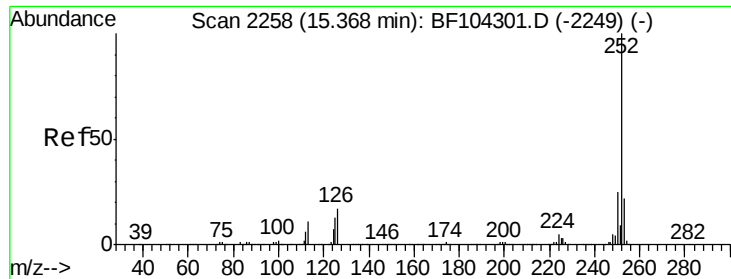
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#88  
Benzo(k)fluoranthene  
Concen: 40.698 ng  
RT: 15.05 min Scan# 2204  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.9  | 26.9  |
| 125     | 11.9  | 10.2  | 15.2  |





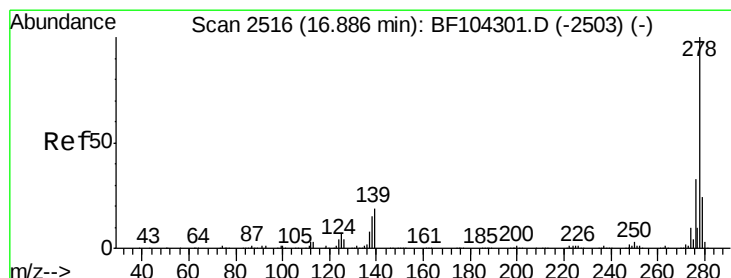
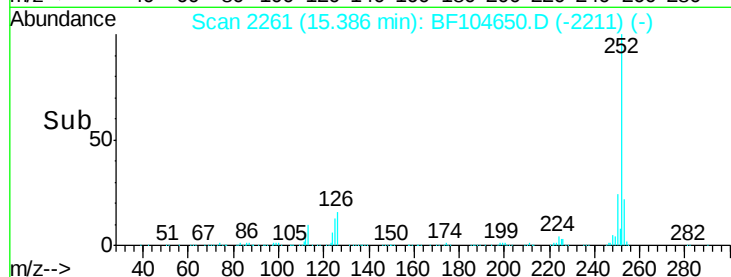
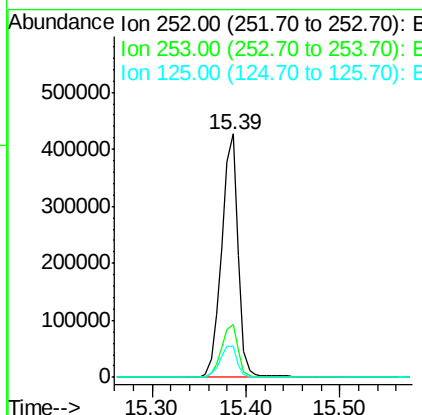
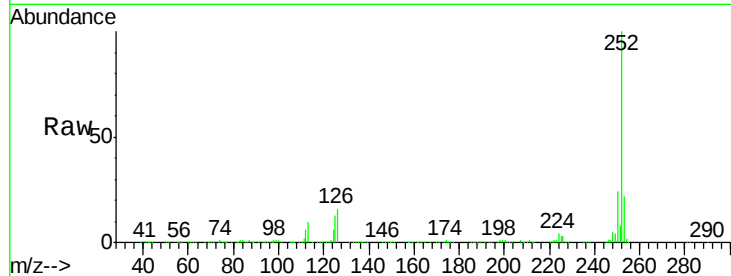
#89  
Benzo(a)pyrene  
Concen: 40.162 ng  
RT: 15.39 min Scan# 2261  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

Instrument :  
BNA\_F  
ClientSampled :  
PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.1  | 25.7  |
| 125     | 12.9  | 9.8   | 14.6  |

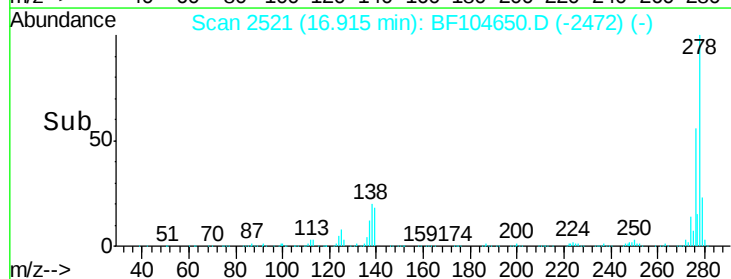
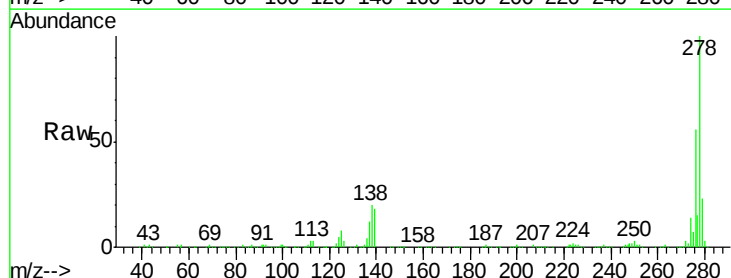
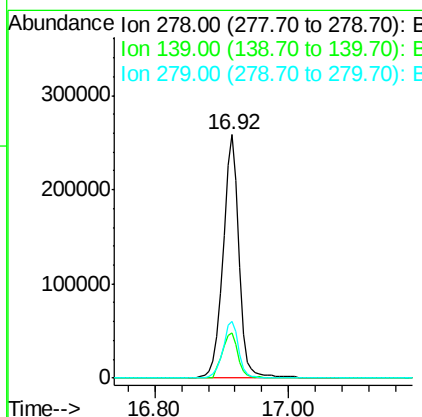
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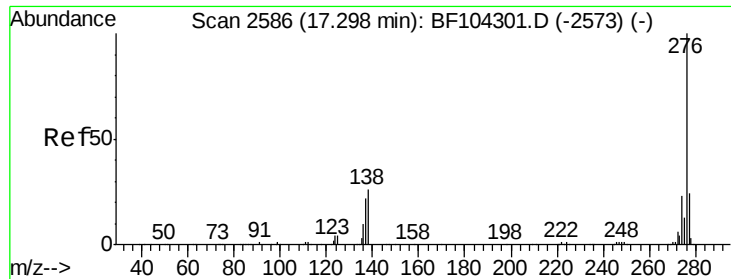
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#90  
Dibenzo(a,h)anthracene  
Concen: 40.853 ng  
RT: 16.92 min Scan# 2521  
Delta R.T. -0.01 min  
Lab File: BF104650.D  
Acq: 20 Apr 2018 1:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.4  | 15.9  | 23.9  |
| 279     | 23.3  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 40.178 ng  
 RT: 17.34 min Scan# 2593  
 Delta R.T. -0.01 min  
 Lab File: BF104650.D  
 Acq: 20 Apr 2018 1:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108340BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 17.9  | 26.9  |
| 138     | 24.6  | 21.8  | 32.8  |

Manual Integrations  
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