

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\  
 Data File : BF104628.D  
 Acq On : 19 Apr 2018 13:52  
 Operator : JU/SJ  
 Sample : PB108328BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

Manual Integrations  
 APPROVED

Sohil  
 4/20/2018 3:05:08 PM

Quant Time: Apr 19 15:31:58 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  | 131278   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 514850   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 206755   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 307882   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.98 | 240  | 264534   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.44 | 264  | 296317   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 645488  | 75.18 | ng | 0.01 |
| 7) Phenol-d6             | 6.45  | 99  | 742021  | 70.34 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 691337  | 87.68 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.63 | 330 | 151723  | 70.74 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.16  | 172 | 1150481 | 87.90 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 889314  | 76.64 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.59 | 88  | 137504  | 34.372 | ng | 88     |
| 3) Pyridine                    | 3.32 | 79  | 386557  | 34.368 | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.29 | 42  | 149872  | 38.118 | ng | 79     |
| 6) Aniline                     | 6.47 | 93  | 154206  | 10.522 | ng | 95     |
| 8) 2-Chlorophenol              | 6.59 | 128 | 342528  | 37.799 | ng | 95     |
| 9) Benzaldehyde                | 6.36 | 77  | 209091  | 38.795 | ng | 93     |
| 10) Phenol                     | 6.46 | 94  | 389137  | 34.767 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 330126  | 36.960 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 372882  | 36.322 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 372018  | 36.353 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 346874  | 36.577 | ng | 99     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 264105  | 32.963 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 414860  | 34.586 | ng | 86     |
| 17) 2-Methylphenol             | 7.07 | 107 | 270893  | 34.390 | ng | # 93   |
| 18) Hexachloroethane           | 7.32 | 117 | 138631  | 37.995 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 228284  | 33.117 | ng | 91     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 324787  | 33.246 | ng | # 85   |
| 22) Acetophenone               | 7.22 | 105 | 455176  | 35.910 | ng | 98     |
| 24) Nitrobenzene               | 7.39 | 77  | 350679  | 40.284 | ng | 96     |
| 25) Isophorone                 | 7.63 | 82  | 629915  | 37.780 | ng | 99     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 180310  | 50.879 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 277321  | 37.688 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 401662  | 39.401 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 254228  | 36.210 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 286049  | 37.124 | ng | 99     |
| 31) Naphthalene                | 8.11 | 128 | 951020  | 37.096 | ng | 99     |
| 32) Benzoic acid               | 7.86 | 122 | 154812m | 26.368 | ng |        |
| 33) 4-Chloroaniline            | 8.16 | 127 | 59261   | 5.396  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 157189  | 37.244 | ng | 98     |
| 35) Caprolactam                | 8.53 | 113 | 81964   | 33.465 | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 241856  | 32.126 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 611105  | 36.851 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 259378  | 43.825 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.95 | 237 | 219467  | 66.236 | ng | 99     |

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Instrument :  
 BNA\_F  
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 PB108328BS

Manual Integrations  
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Quant Time: Apr 19 15:31:58 2018  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.08  | 196  | 162434   | 39.536 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 157284   | 34.210 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.26  | 154  | 693570   | 39.932 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 543251   | 39.598 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 138846   | 40.924 | nq    | 90       |
| 48) Acenaphthylene             | 9.70  | 152  | 795068   | 36.937 | nq    | 100      |
| 49) Dimethylphthalate          | 9.57  | 163  | 599098   | 36.745 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 128118   | 42.467 | nq    | # 87     |
| 51) Acenaphthene               | 9.88  | 154  | 464767   | 35.389 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.80  | 138  | 57563    | 16.298 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 9.91  | 184  | 51277    | 50.507 | nq    | # 17     |
| 54) Dibenzofuran               | 10.05 | 168  | 679374   | 37.119 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 177399   | 63.941 | nq    | 99       |
| 56) 2,4-Dinitrotoluene         | 10.03 | 165  | 162796   | 41.138 | nq    | # 95     |
| 57) Fluorene                   | 10.39 | 166  | 515021   | 38.660 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 121374   | 35.386 | nq    | 93       |
| 59) Diethylphthalate           | 10.26 | 149  | 558640   | 34.403 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.39 | 204  | 233083   | 39.287 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.42 | 138  | 99361    | 28.772 | nq    | 93       |
| 62) Azobenzene                 | 10.55 | 77   | 522966   | 33.710 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 43671    | 32.014 | nq    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.50 | 169  | 430233   | 40.303 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.87 | 248  | 137191   | 41.892 | nq    | 92       |
| 67) Hexachlorobenzene          | 10.94 | 284  | 161068   | 43.710 | nq    | 93       |
| 68) Atrazine                   | 11.03 | 200  | 127484   | 39.564 | nq    | 98       |
| 69) Pentachlorophenol          | 11.14 | 266  | 133621   | 58.614 | nq    | 96       |
| 70) Phenanthrene               | 11.36 | 178  | 670305   | 39.095 | nq    | 99       |
| 71) Anthracene                 | 11.41 | 178  | 686533   | 39.391 | nq    | 99       |
| 72) Carbazole                  | 11.56 | 167  | 602926   | 35.402 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 763391   | 36.694 | nq    | 99       |
| 74) Fluoranthene               | 12.54 | 202  | 665846   | 37.169 | nq    | 98       |
| 76) Benzidine                  | 12.67 | 184  | 227600   | 21.745 | nq    | 98       |
| 77) Pyrene                     | 12.77 | 202  | 670614   | 34.201 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 325848   | 35.274 | nq    | 98       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 648156   | 41.013 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 166053   | 28.181 | nq    | 100      |
| 82) Chrysene                   | 14.00 | 228  | 621063   | 38.260 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 447801   | 37.687 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.57 | 149  | 809032   | 40.750 | nq    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.90 | 276  | 709661   | 51.464 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 15.02 | 252  | 704705   | 37.655 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 651738   | 36.887 | nq    | 98       |
| 89) Benzo(a)pyrene             | 15.38 | 252  | 673769   | 40.237 | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 16.91 | 278  | 578742   | 42.082 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.34 | 276  | 578954   | 43.451 | nq    | 97       |

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

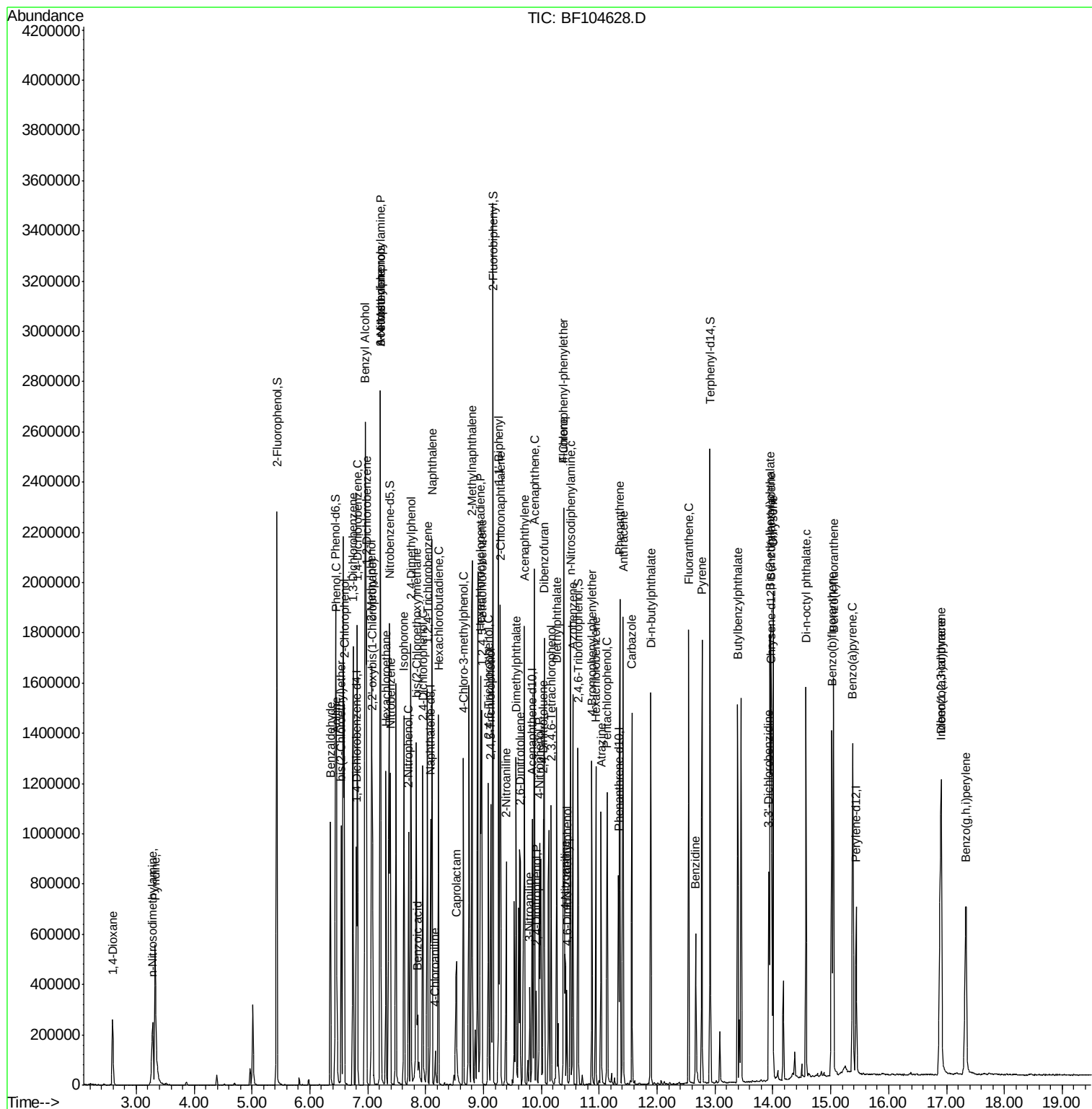
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\  
 Data File : BF104628.D  
 Acq On : 19 Apr 2018 13:52  
 Operator : JU/SJ  
 Sample : PB108328BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

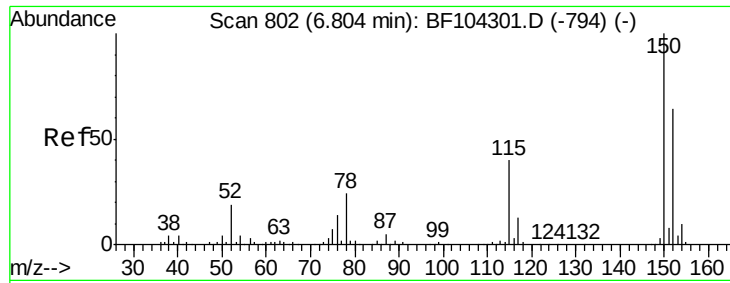
Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB108328BS

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#1

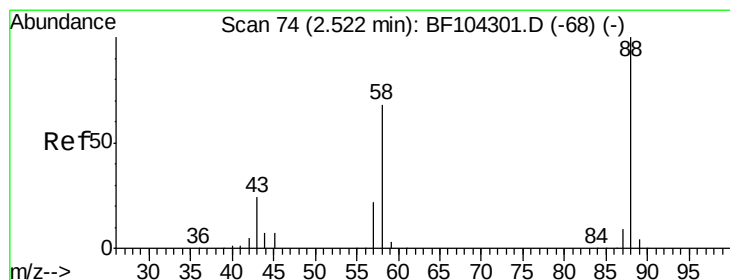
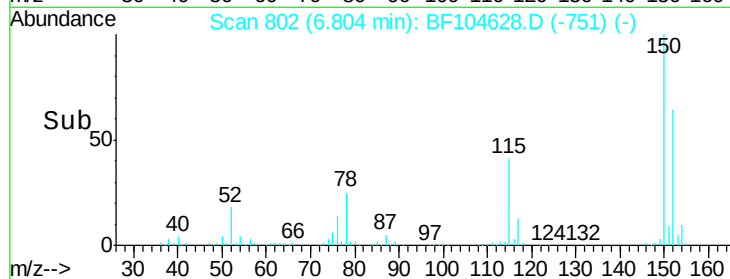
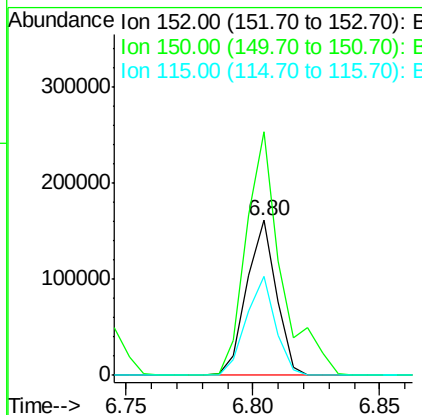
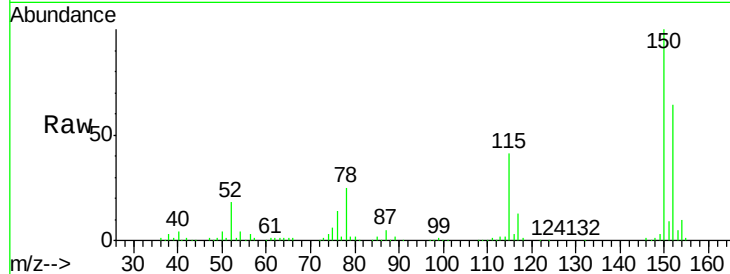
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.4 | 124.6 | 186.8 |
| 115     | 64.3  | 50.1  | 75.1  |

Manual Integrations  
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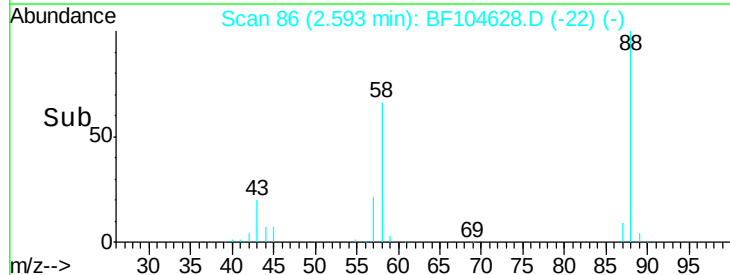
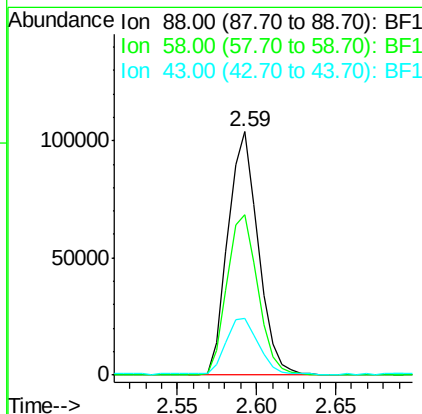
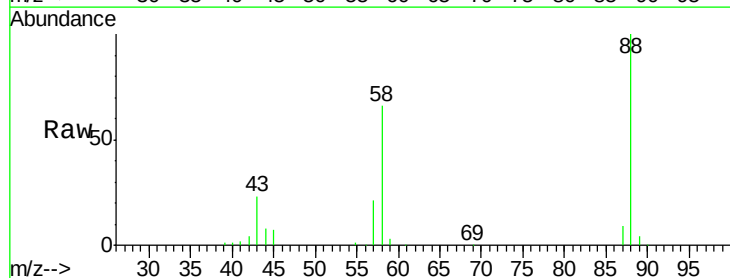
Sohil  
4/20/2018 3:05:08 PM

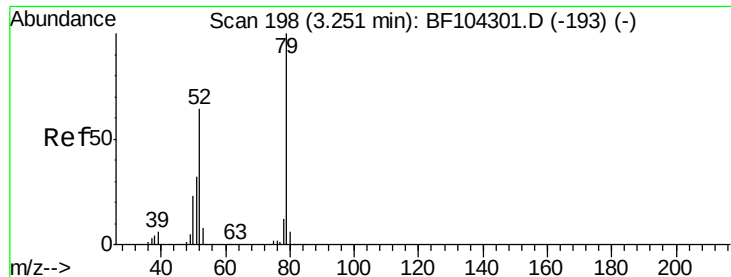


#2

1,4-Dioxane  
Concen: 34.372 ng  
RT: 2.59 min Scan# 86  
Delta R.T. 0.08 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 67.9  | 62.6  | 93.8  |
| 43      | 24.8  | 24.6  | 37.0  |





#3

Pvridine

Concen: 34.368 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.07 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

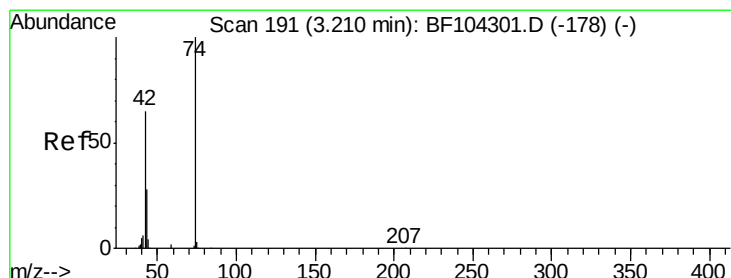
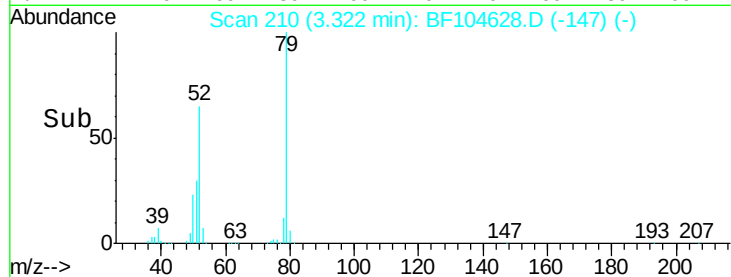
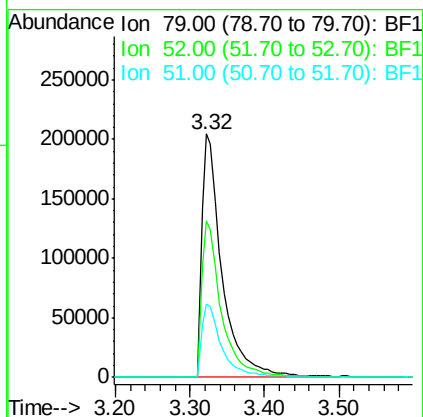
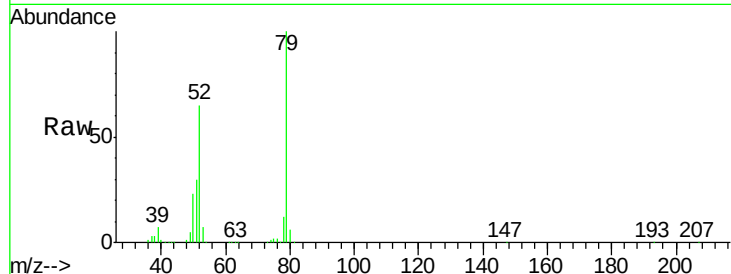
ClientSampled :

PB108328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 386557 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 64.5  | 59.8  | 89.6   |
| 51        | 30.3  | 29.8  | 44.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 38.118 ng

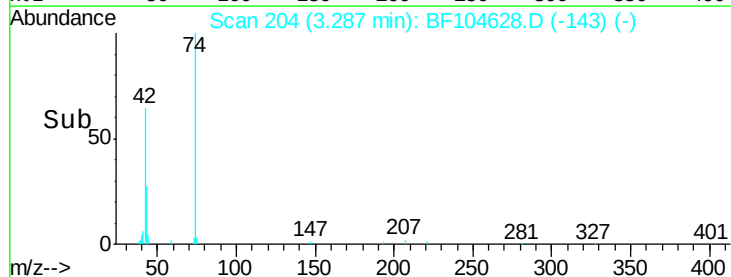
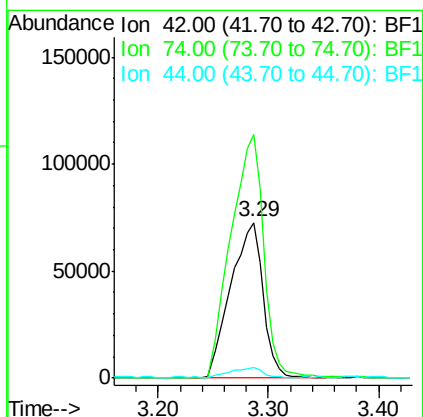
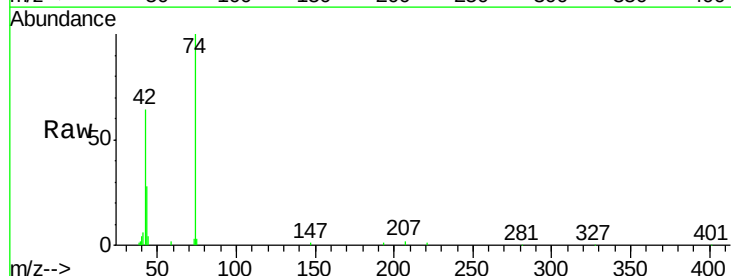
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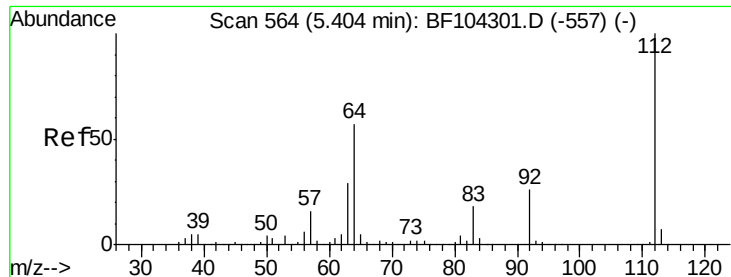
Delta R.T. 0.06 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 149872 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 156.7 | 104.9 | 157.3  |
| 44        | 7.0   | 6.9   | 10.3   |





#5

2-Fluorophenol

Concen: 75.183 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

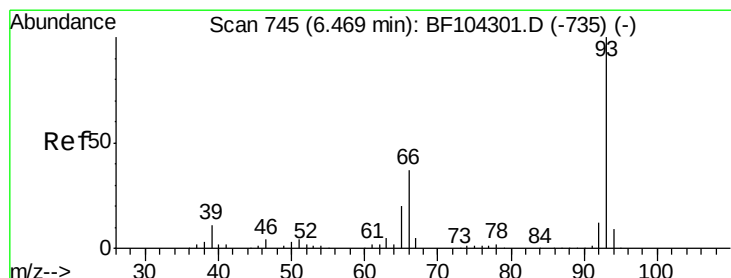
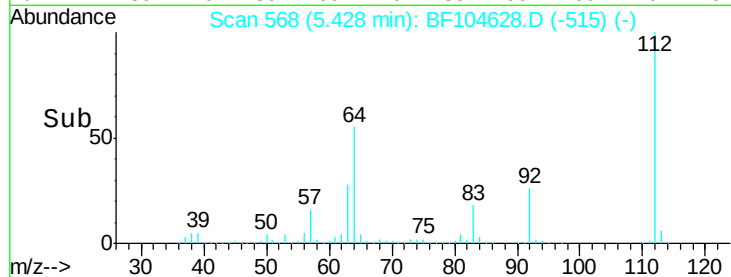
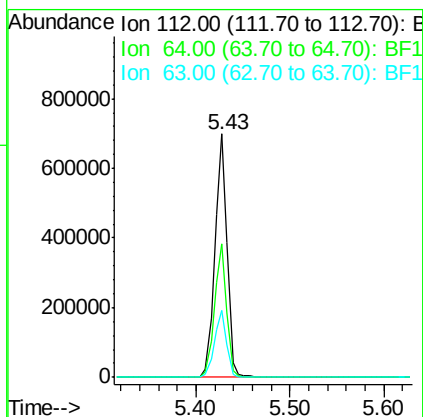
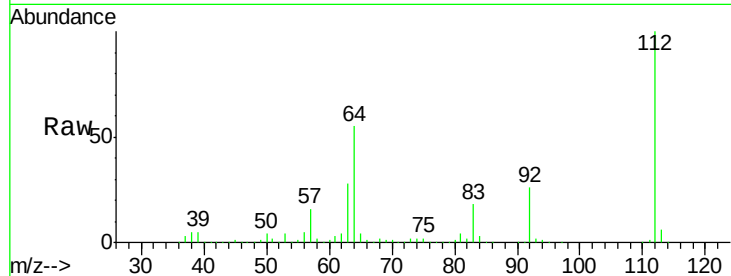
ClientSampleId :

PB108328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 645488 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 55.0  | 47.9  | 71.9   |
| 63        | 27.7  | 23.7  | 35.5   |

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#6

Aniline

Concen: 10.522 ng

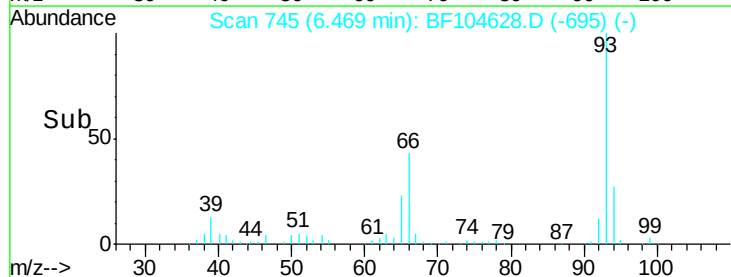
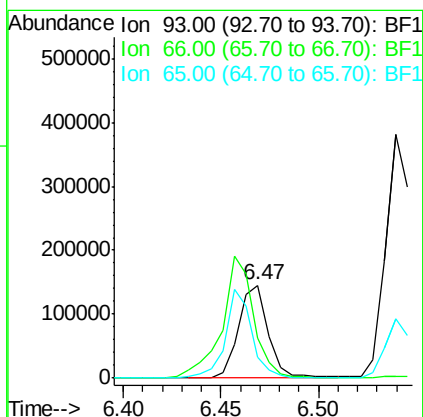
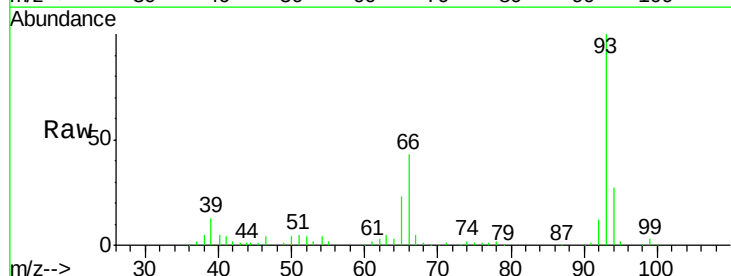
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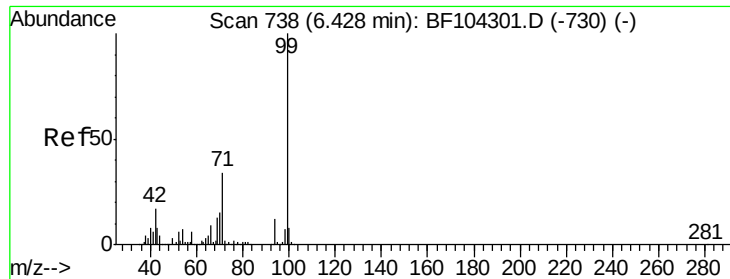
Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 154206 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 43.1  | 32.2  | 48.2   |
| 65        | 23.1  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 70.341 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

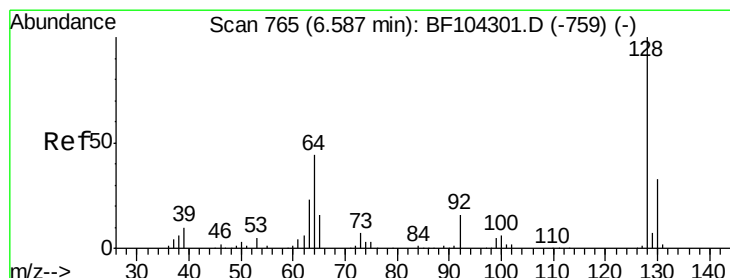
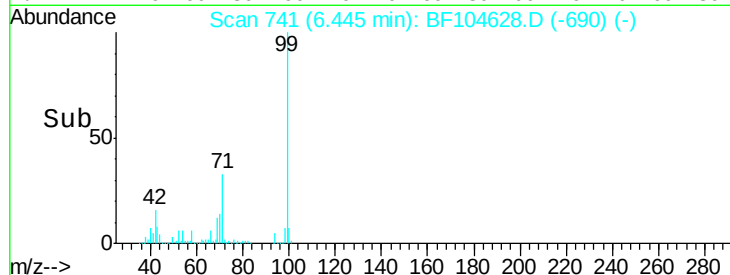
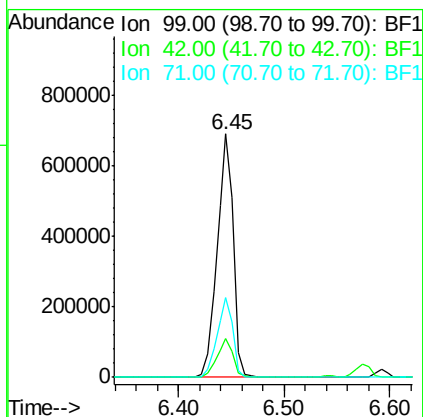
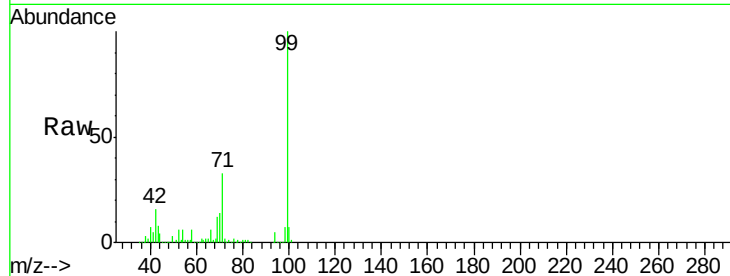
ClientSampleId :

PB108328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 742021 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.2  | 14.5  | 21.7   |
| 71        | 32.8  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 37.799 ng

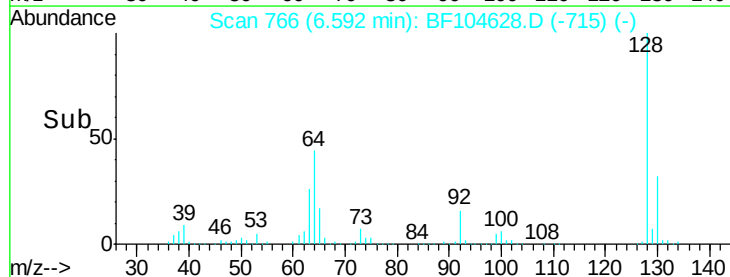
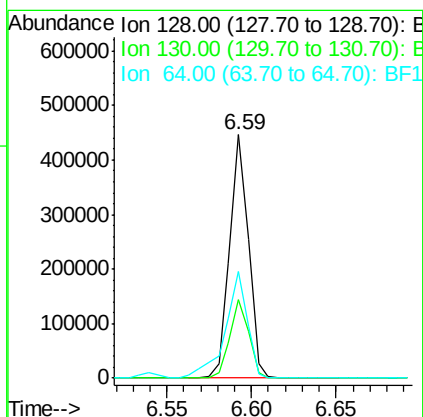
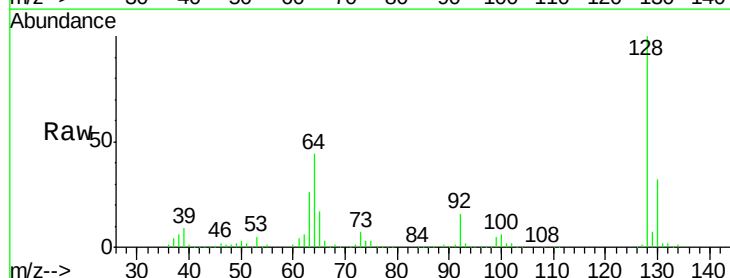
RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

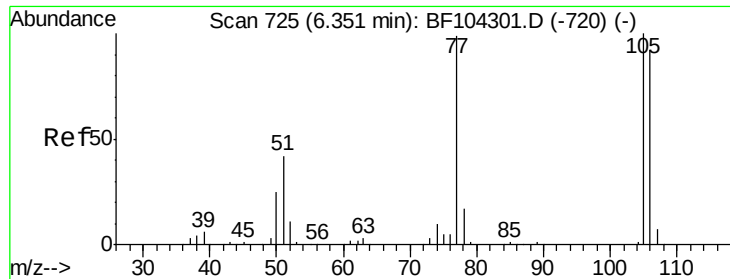
Lab File: BF104628.D

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 342528 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.3  | 13.0  | 53.0   |
| 64        | 44.0  | 29.4  | 69.4   |







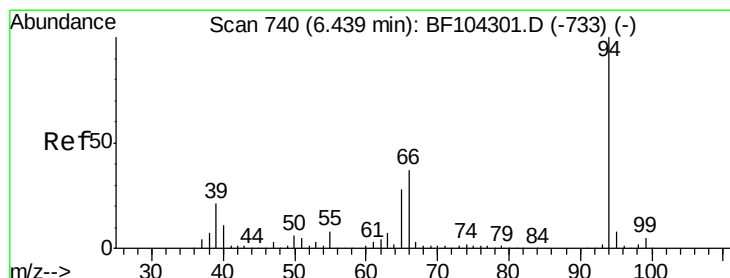
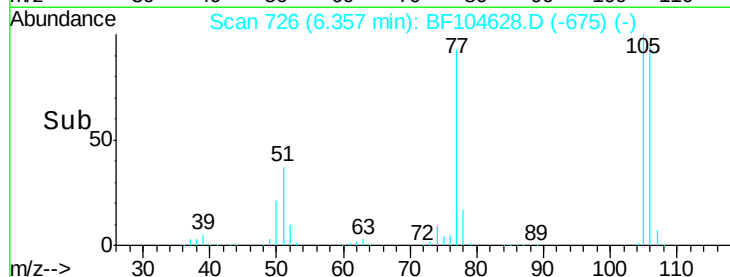
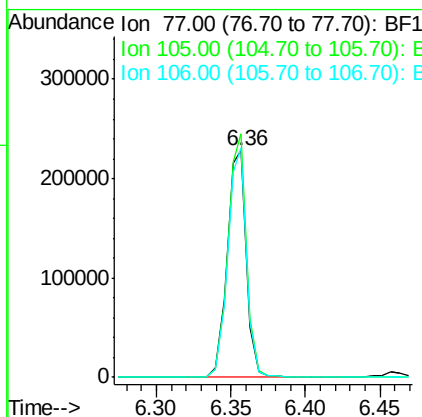
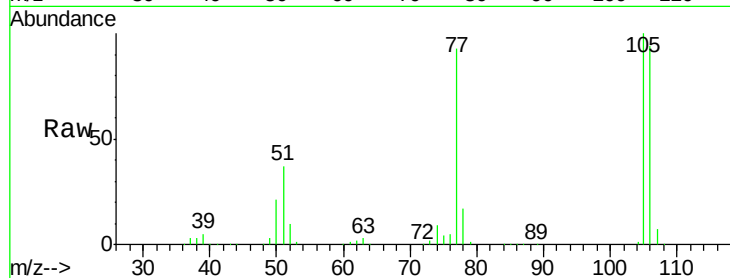
#9  
Benzaldehyde  
Concen: 38.795 ng  
RT: 6.36 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 107.5 | 81.1  | 121.1 |
| 106     | 101.0 | 74.5  | 114.5 |

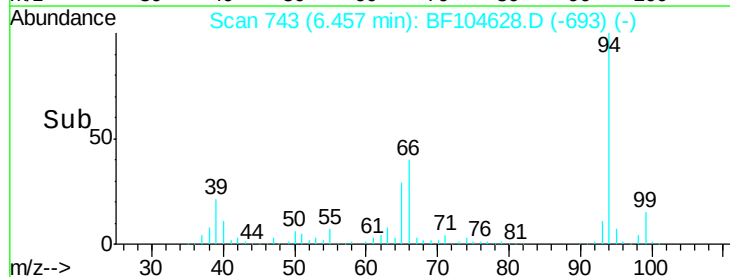
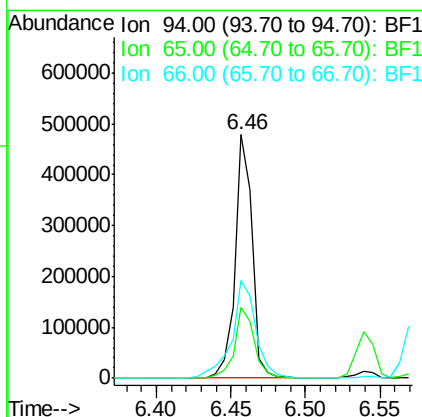
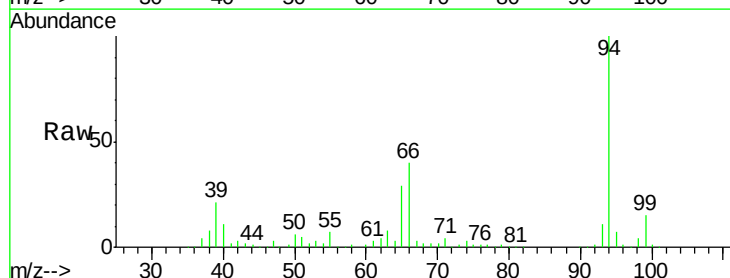
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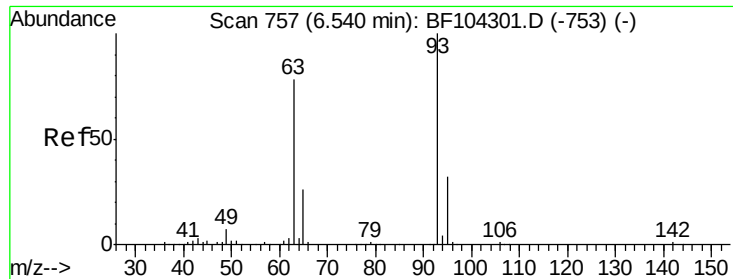


#10  
Phenol  
Concen: 34.767 ng  
RT: 6.46 min Scan# 743  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 28.9  | 7.9   | 47.9  |
| 66      | 39.9  | 16.2  | 56.2  |







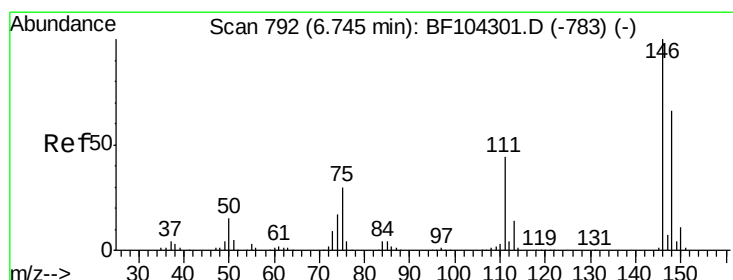
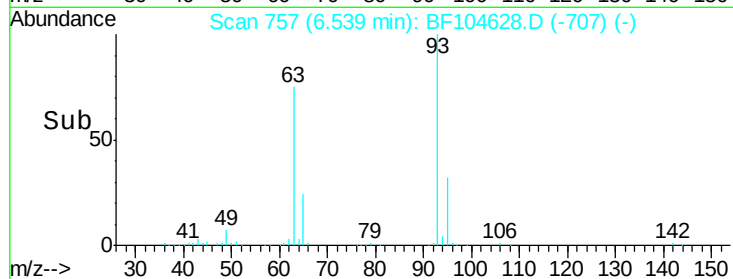
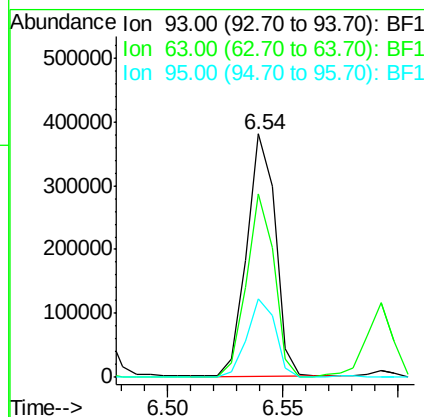
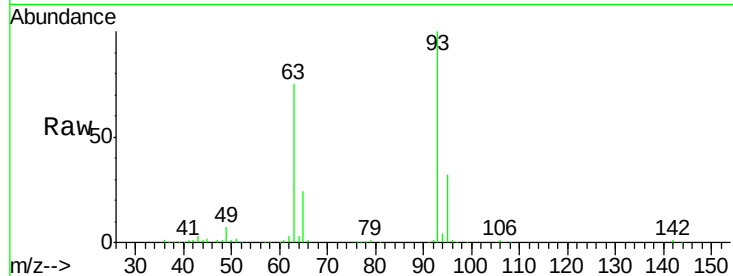
#11  
bis(2-Chloroethyl)ether  
Concen: 36.960 ng  
RT: 6.54 min Scan# 757  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 330126 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 75.3  | 58.6  | 98.6   |
| 95        | 32.5  | 11.8  | 51.8   |

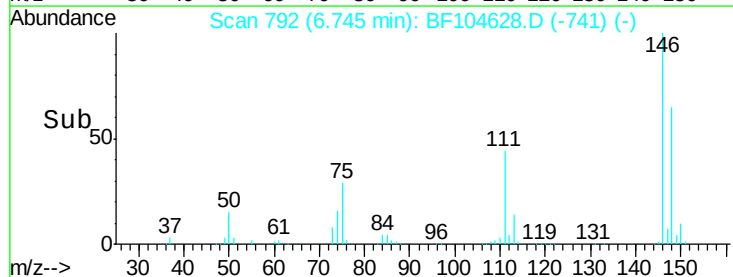
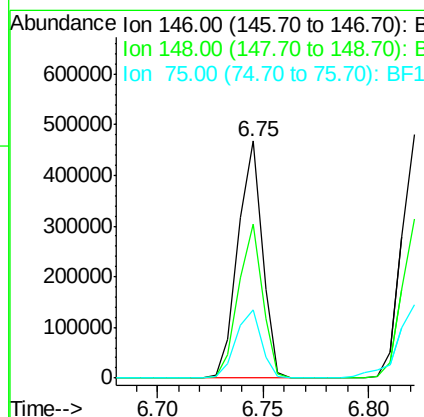
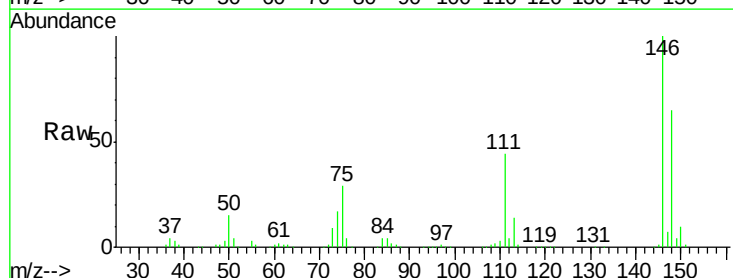
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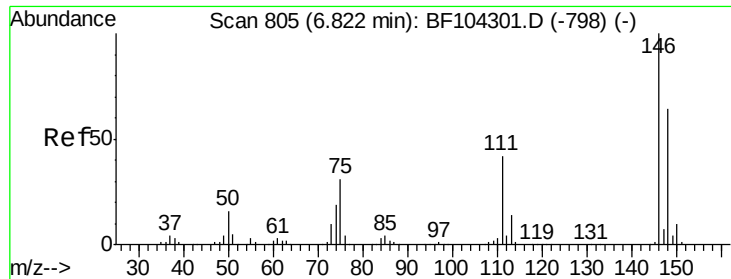
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#12  
1,3-Dichlorobenzene  
Concen: 36.322 ng  
RT: 6.75 min Scan# 792  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 372882 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.7  | 51.8  | 77.8   |
| 75        | 28.7  | 24.2  | 36.4   |





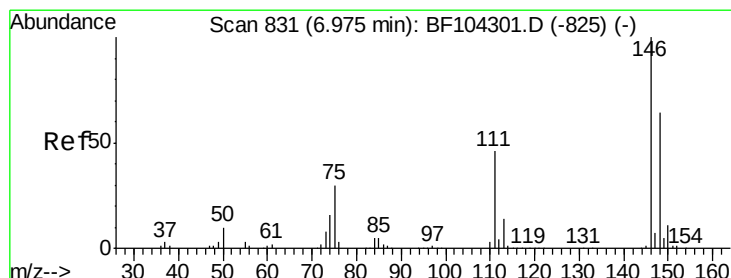
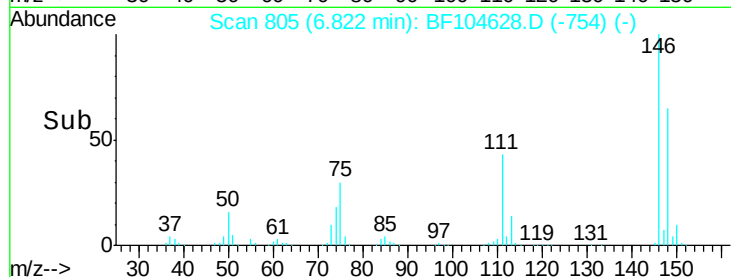
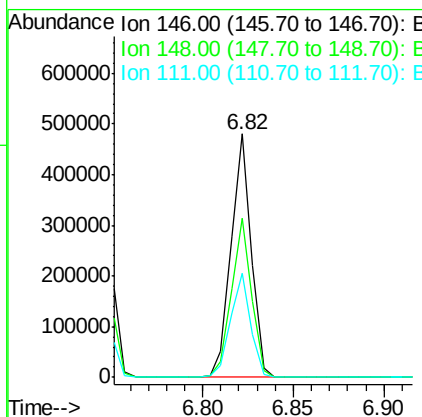
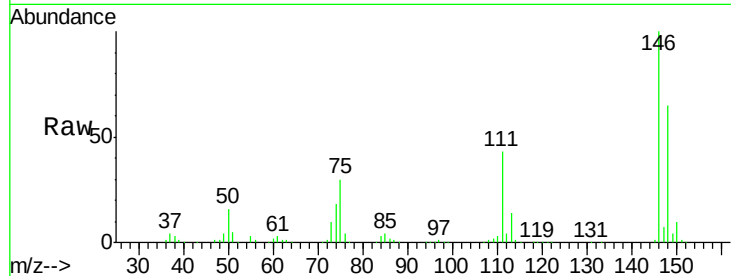
#13  
 1,4-Dichlorobenzene  
 Concen: 36.353 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 50.8  | 76.2  |
| 111     | 42.7  | 34.2  | 51.2  |

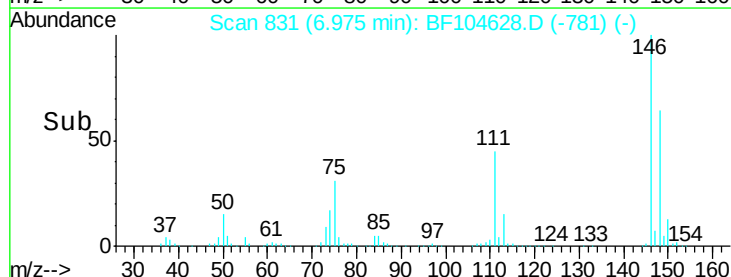
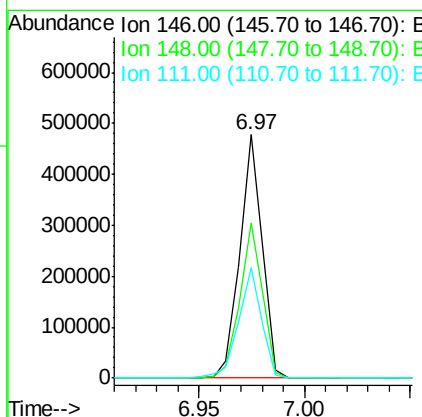
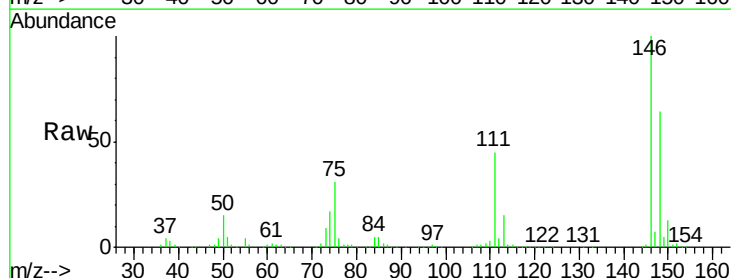
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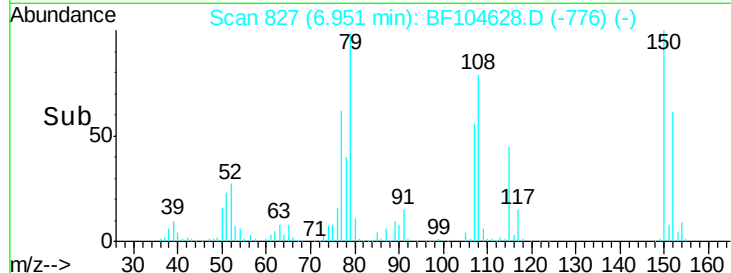
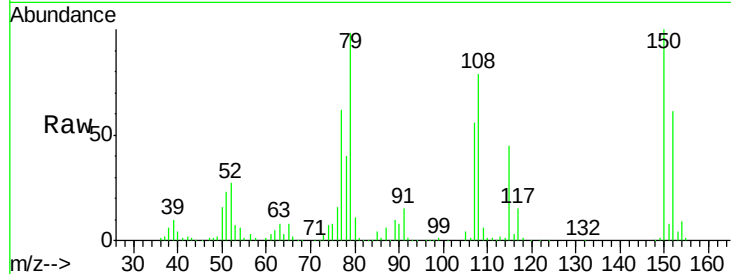
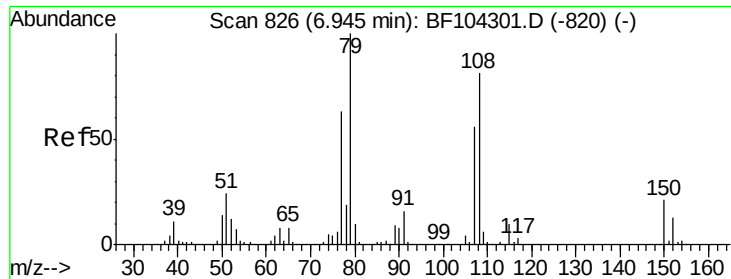
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#14  
 1,2-Dichlorobenzene  
 Concen: 36.577 ng  
 RT: 6.97 min Scan# 831  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 50.6  | 75.8  |
| 111     | 45.3  | 36.0  | 54.0  |





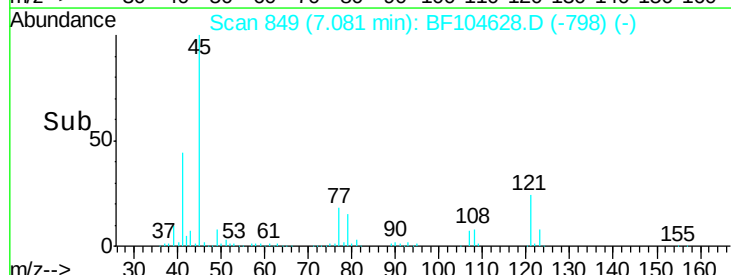
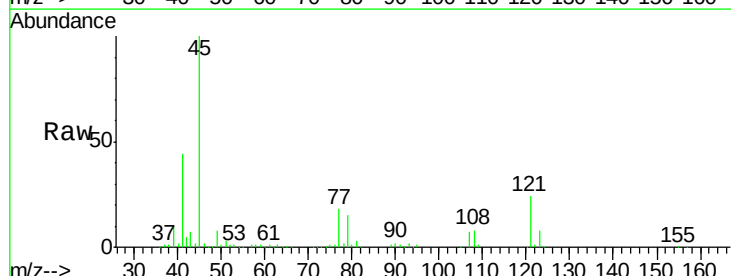
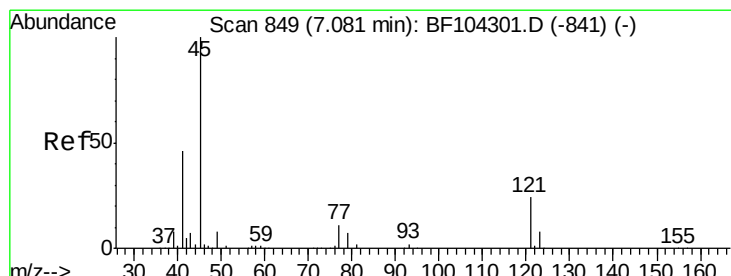
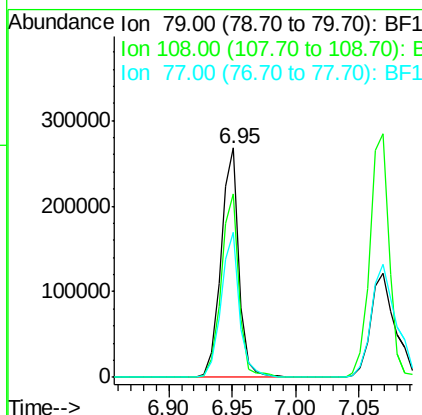
#15  
Benzyl Alcohol  
Concen: 32.963 ng  
RT: 6.95 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 264105 |       |       |
| 108     | 80.2  | 65.1   | 97.7  |       |
| 77      | 63.1  | 50.6   | 75.8  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

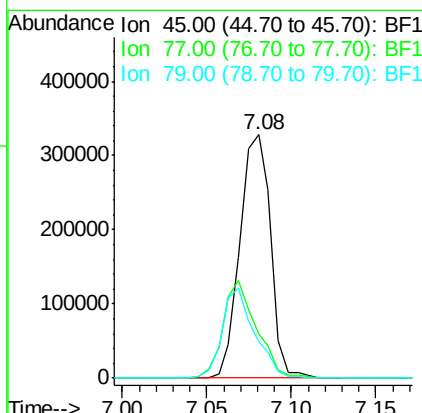
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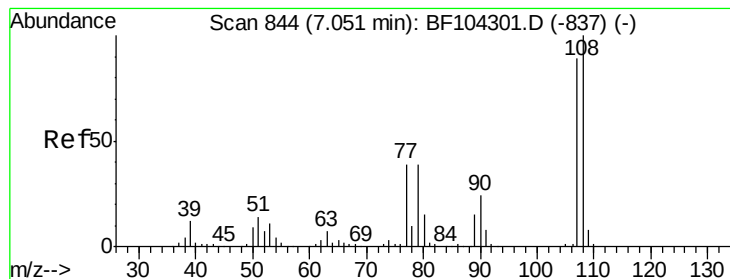
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.586 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 414860 |       |       |
| 77      | 18.1  | 0.0    | 32.9  |       |
| 79      | 15.0  | 0.0    | 29.6  |       |





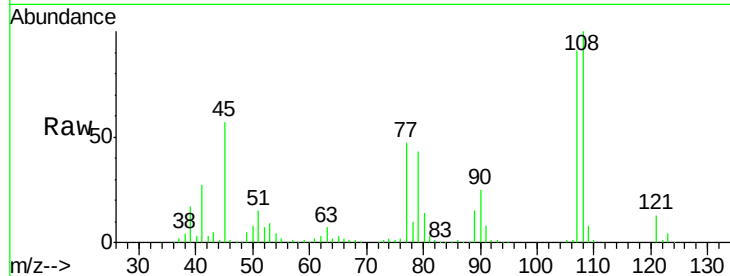
#17  
2-Methylphenol  
Concen: 34.390 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

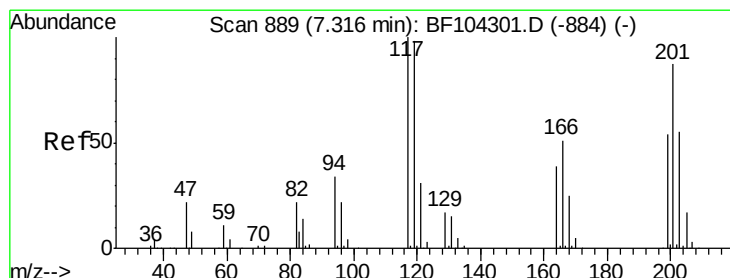
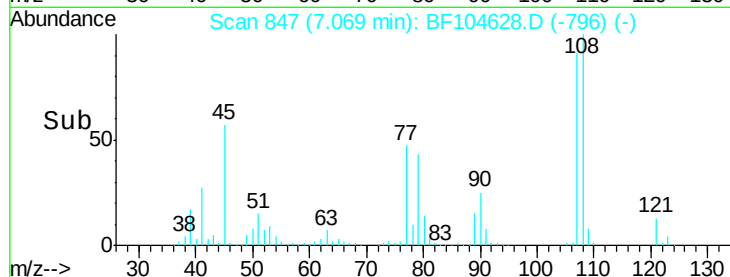
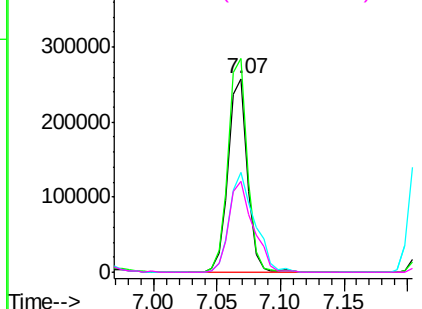
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.5 | 91.7 | 137.5 |       |
| 77      | 51.5  | 33.8 | 50.8  |       |
| 79      | 47.0  | 33.8 | 50.8  |       |

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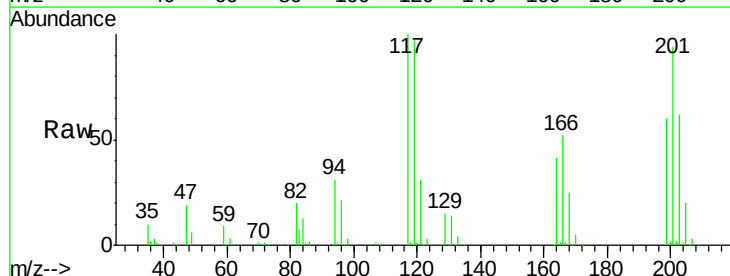


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

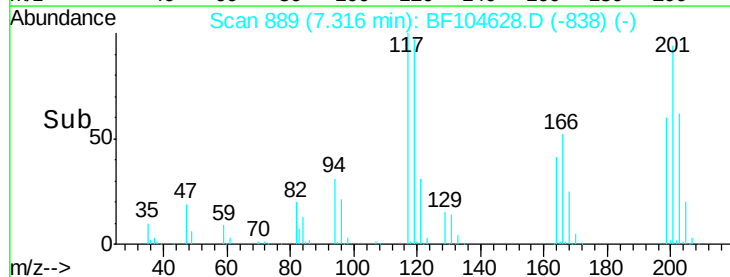
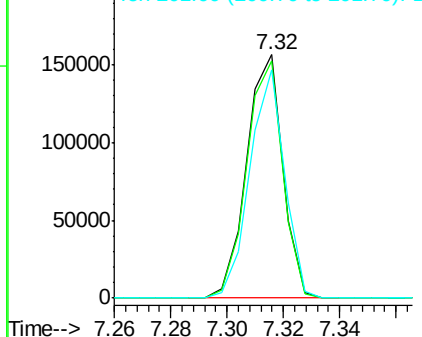


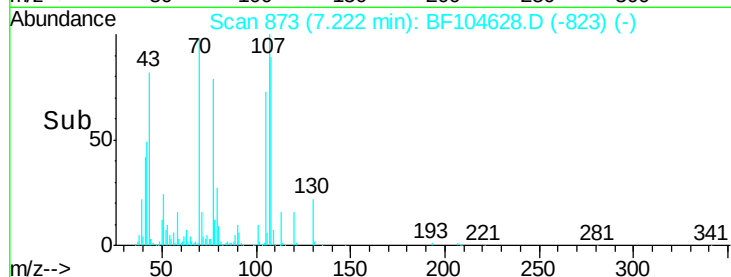
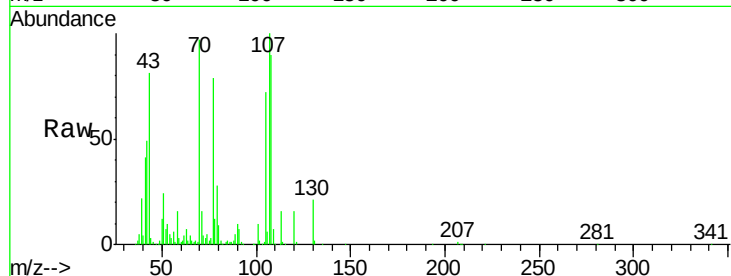
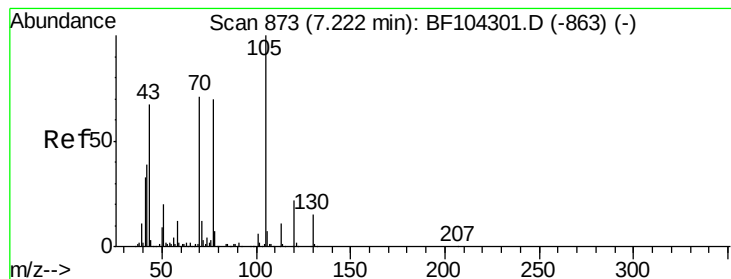
#18  
Hexachloroethane  
Concen: 37.995 ng  
RT: 7.32 min Scan# 889  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 97.2  | 75.8 | 113.8 |       |
| 201     | 93.9  | 75.7 | 113.5 |       |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.117 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

ClientSampleId :

PB108328BS

Tot Ion: 70 Resp: 228284

Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 9.9 7.4 11.2

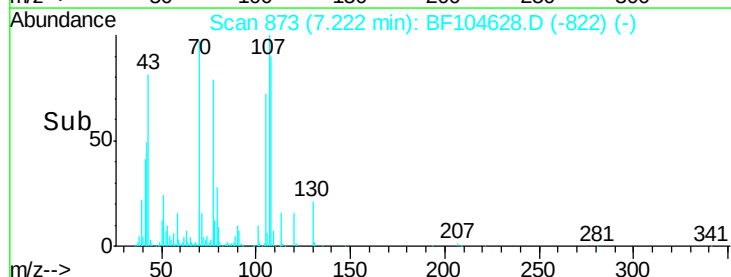
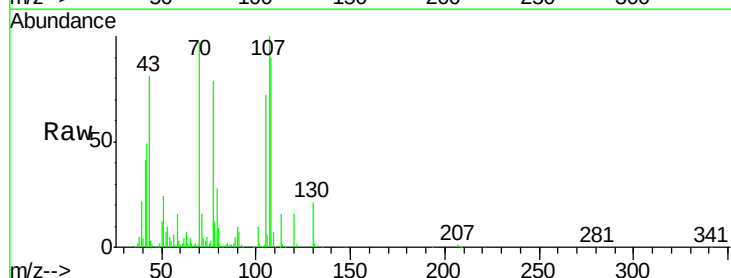
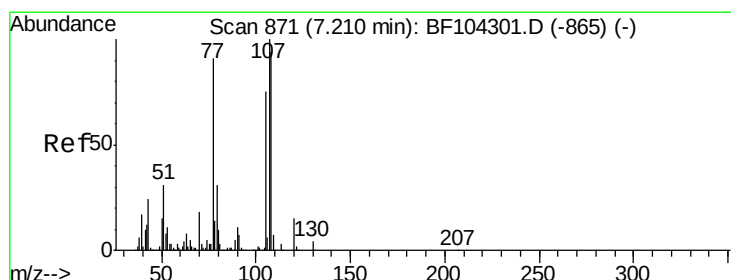
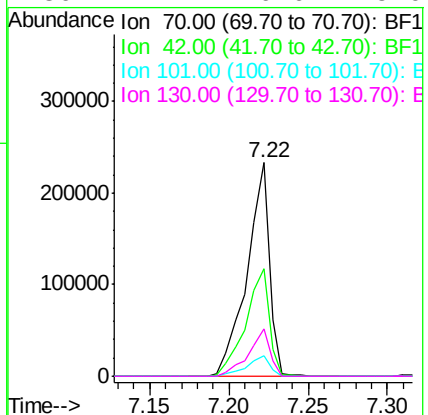
130 22.1 16.6 25.0

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#20

3+4-Methylphenols

Concen: 33.246 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Tgt Ion: 107 Resp: 324787

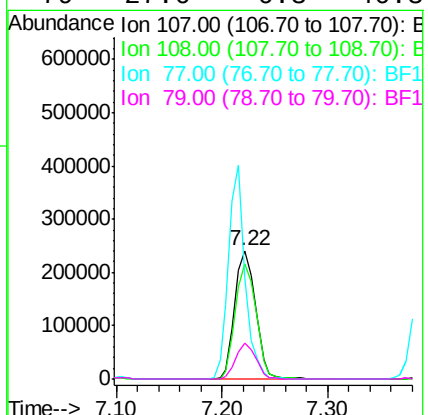
Ion Ratio Lower Upper

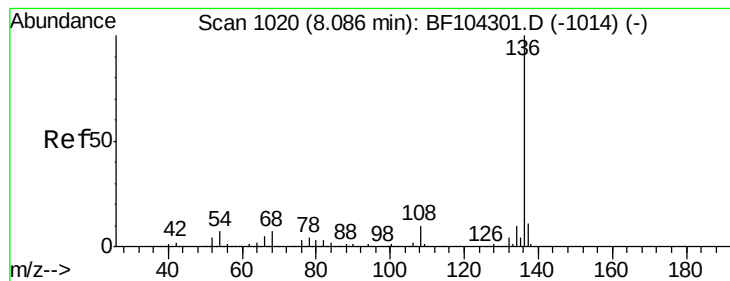
107 100

108 89.8 68.2 108.2

77 79.1 26.7 66.7#

79 27.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

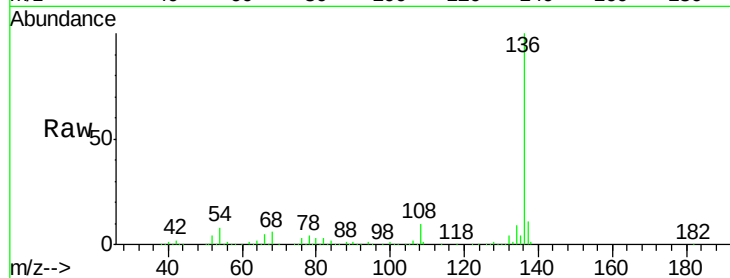
ClientSampleId :

PB108328BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 514850 |       |       |
| 137     | 11.0 |       | 8.9    | 13.3  |       |
| 54      | 7.6  |       | 6.6    | 9.8   |       |
| 68      | 6.3  |       | 5.0    | 7.4   |       |

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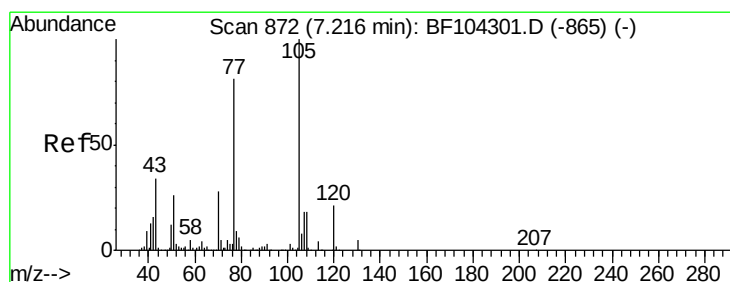
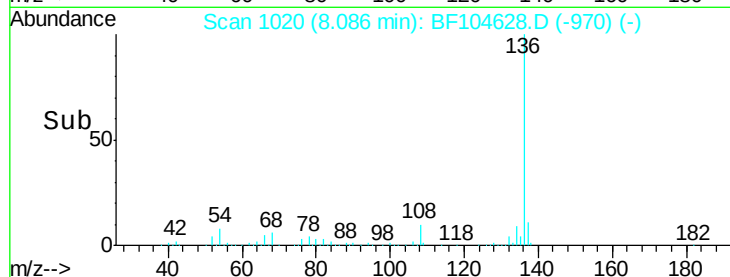
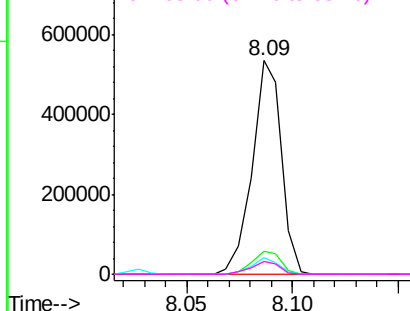


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.910 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

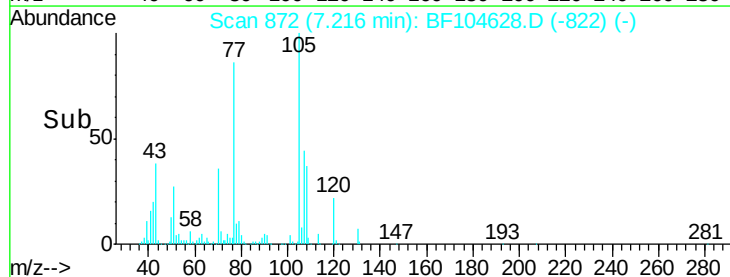
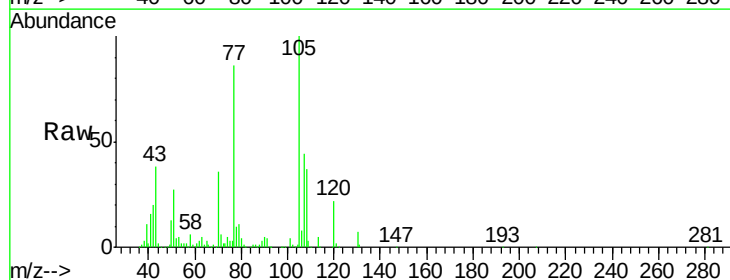
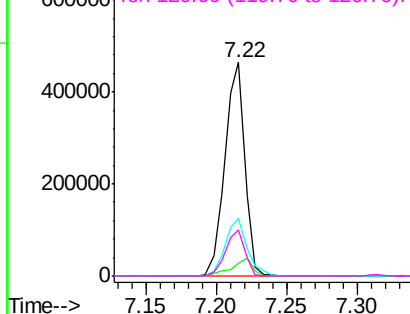
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 455176 |       |       |
| 71      | 6.3  |       | 4.4    | 6.6   |       |
| 51      | 27.1 |       | 22.3   | 33.5  |       |
| 120     | 21.8 |       | 16.9   | 25.3  |       |

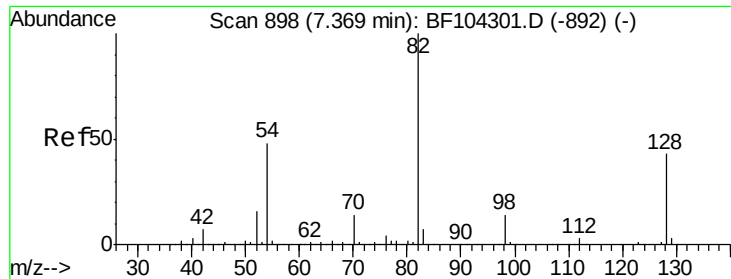
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





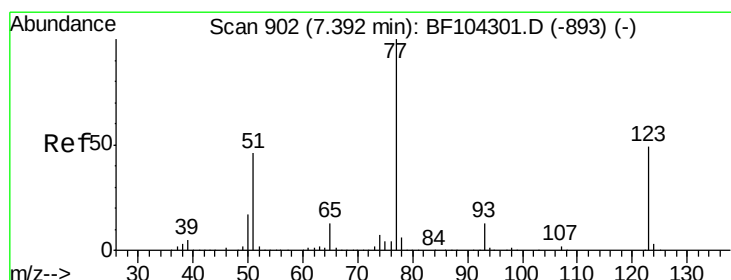
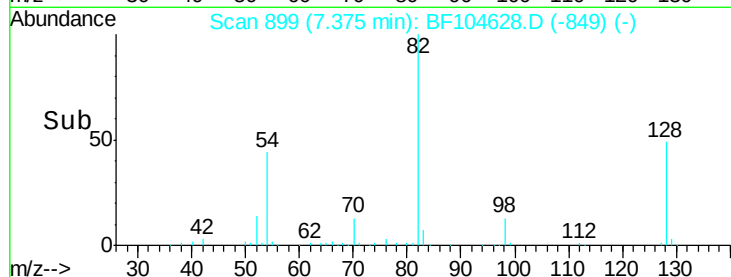
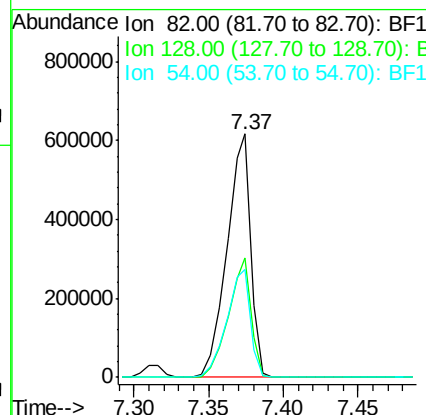
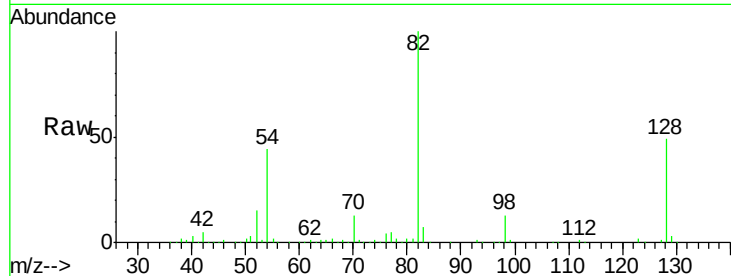
#23  
Nitrobenzene-d5  
Concen: 87.682 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 691337 |       |       |
| 128     | 49.0  | 36.1   | 54.1  |       |
| 54      | 44.2  | 41.4   | 62.2  |       |

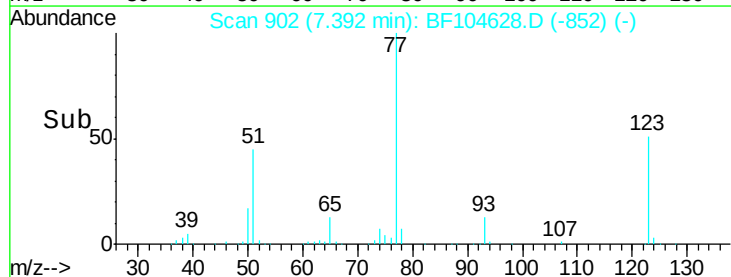
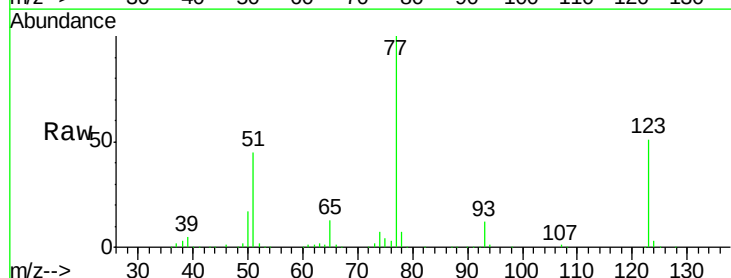
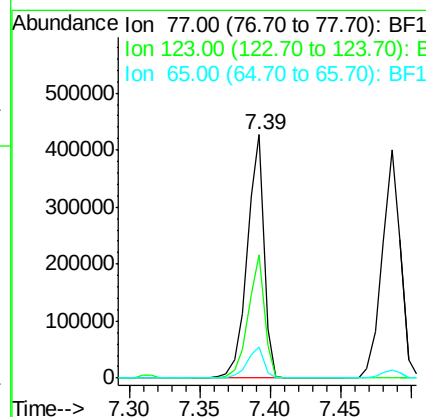
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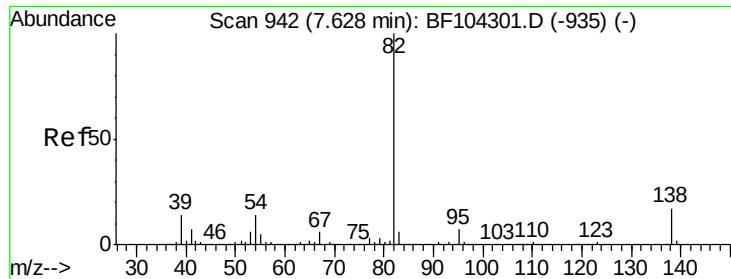


#24  
Nitrobenzene  
Concen: 40.284 ng  
RT: 7.39 min Scan# 902  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 350679 |       |       |
| 123     | 50.7  | 37.9   | 56.9  |       |
| 65      | 12.8  | 11.0   | 16.4  |       |







#25

Isophorone

Concen: 37.780 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

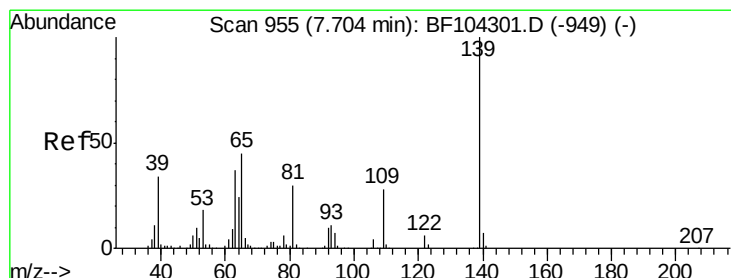
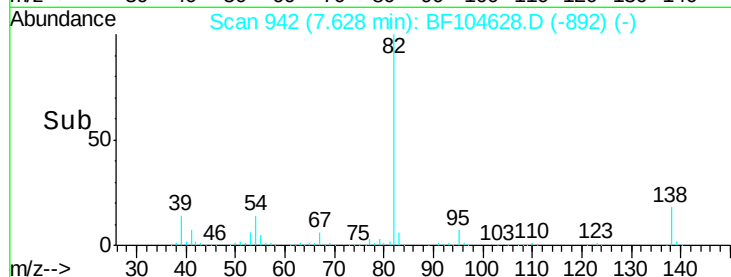
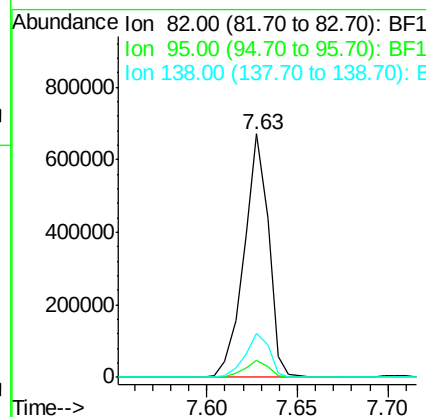
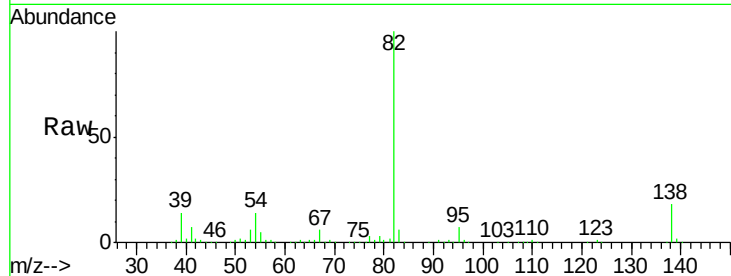
ClientSampleId :

PB108328BS

| Tot Ion | 82    | Resp  | 629915 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 95      | 6.9   | 5.2   | 7.8    |
| 138     | 18.3  | 14.9  | 22.3   |

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#26

2-Nitrophenol

Concen: 50.879 ng

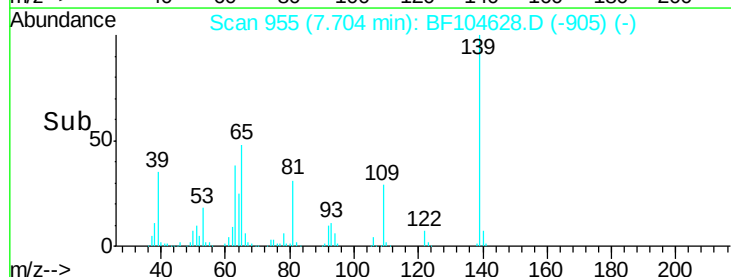
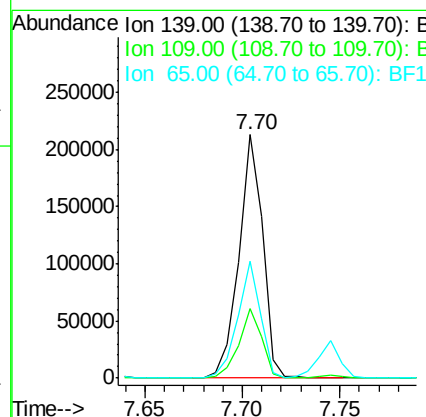
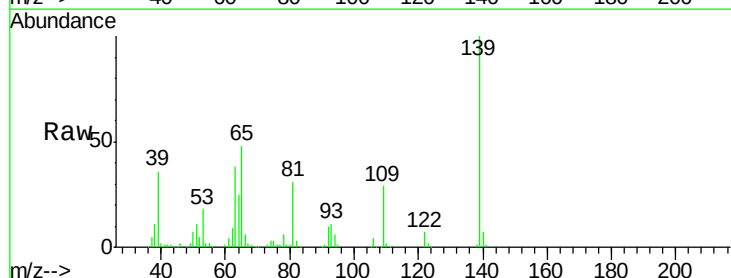
RT: 7.70 min Scan# 955

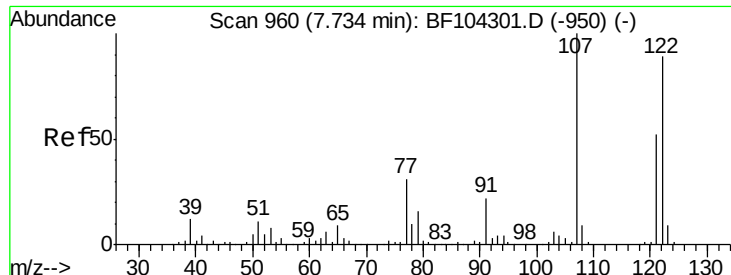
Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

| Tgt Ion | 139   | Resp  | 180310 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 139     | 100   |       |        |
| 109     | 28.6  | 22.7  | 34.1   |
| 65      | 47.9  | 40.5  | 60.7   |





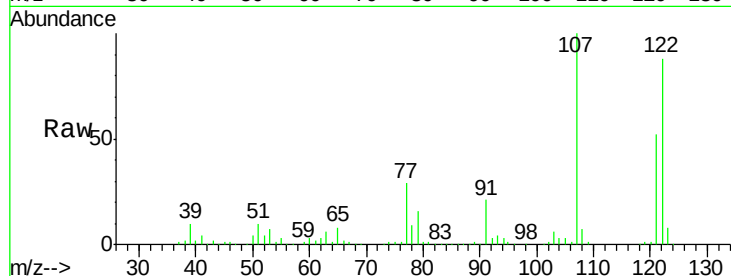
#27  
 2,4-Dimethylphenol  
 Concen: 37.688 ng  
 RT: 7.75 min Scan# 962  
 Delta R.T. -0.00 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.0 | 91.2  | 136.8 |
| 121     | 59.3  | 47.2  | 70.8  |

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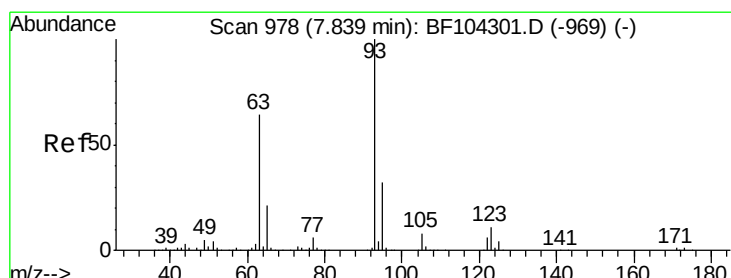
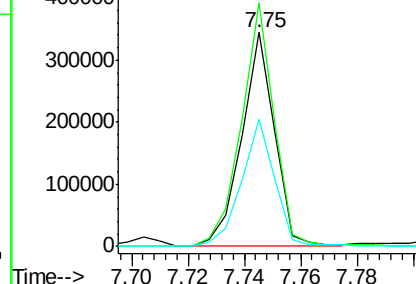
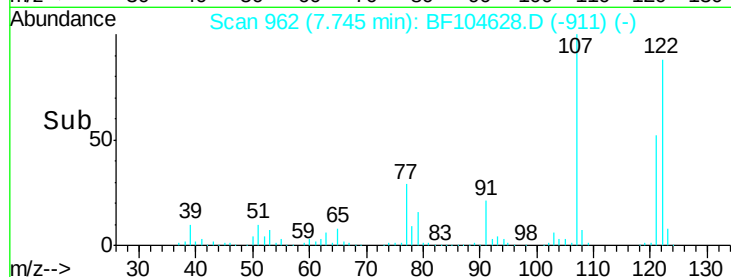


Abundance

Ion 122.00 (121.70 to 122.70): E

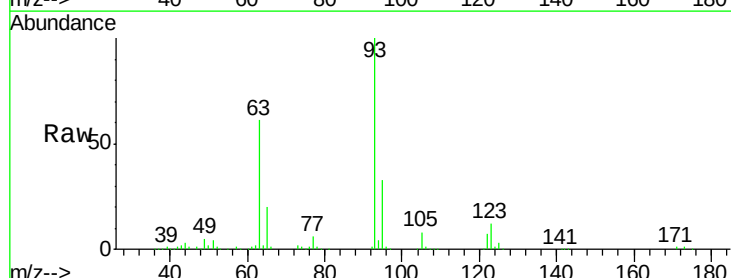
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.401 ng  
 RT: 7.84 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 26.3  | 39.5  |
| 123     | 11.5  | 9.8   | 14.6  |

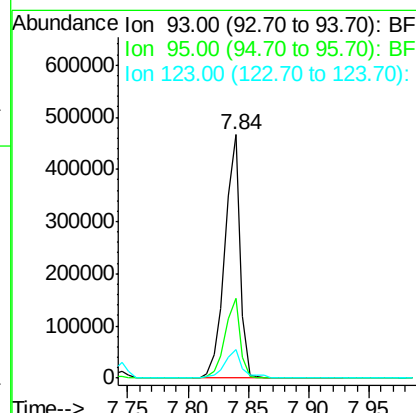
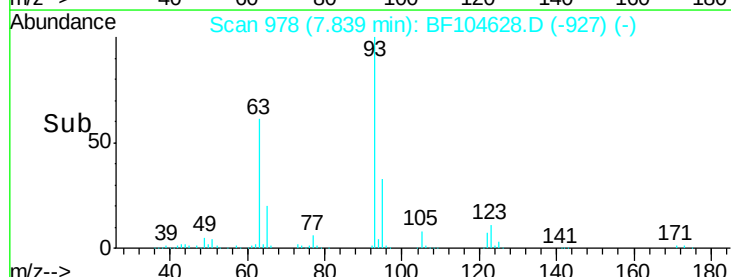


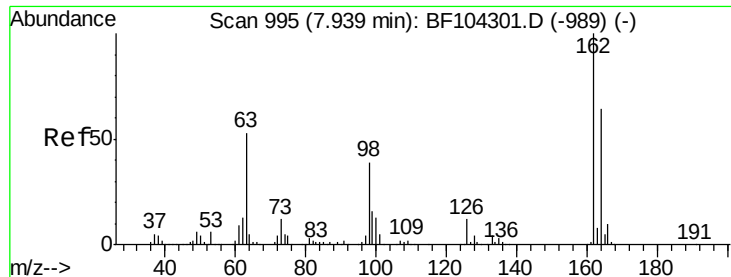
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.210 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

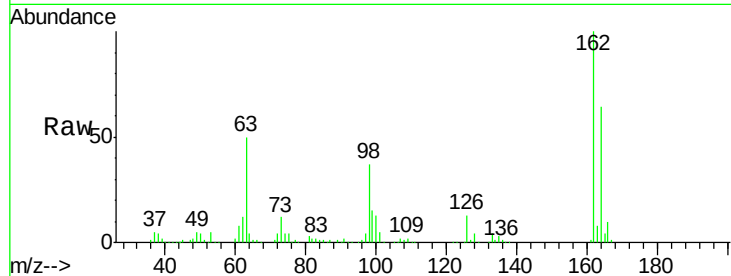
ClientSampleId :

PB108328BS

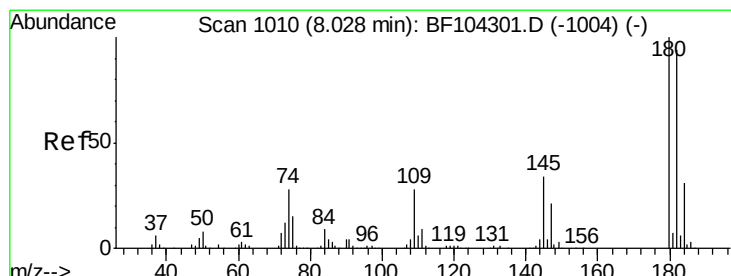
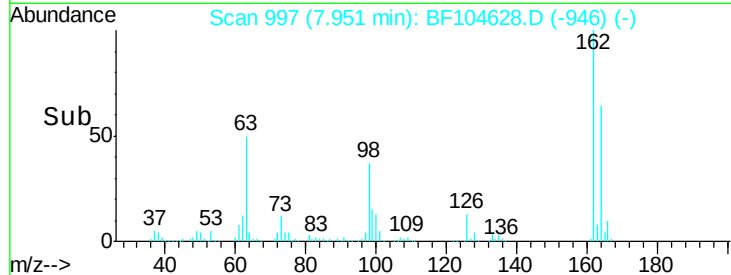
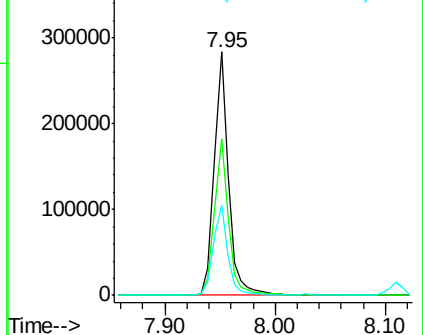
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 162  | Resp: | 254228 |
| Ion Ratio |      | Lower | Upper  |
| 162       | 100  |       |        |
| 164       | 64.5 | 42.7  | 82.7   |
| 98        | 36.7 | 18.1  | 58.1   |

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Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.124 ng

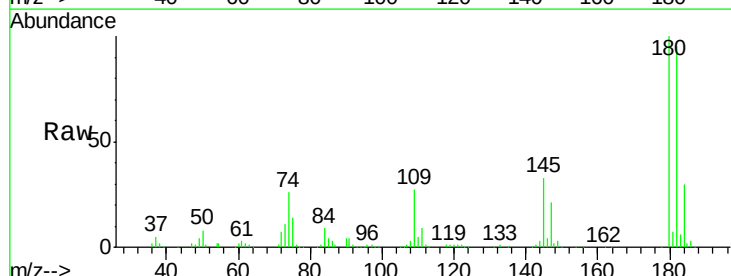
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

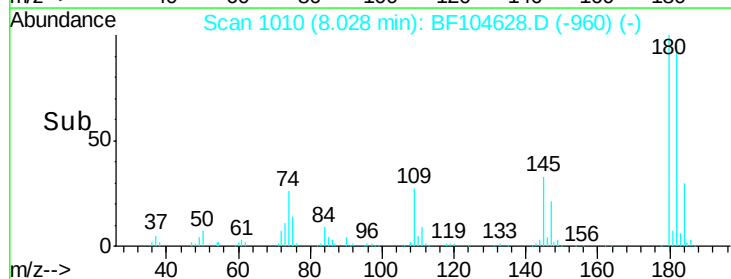
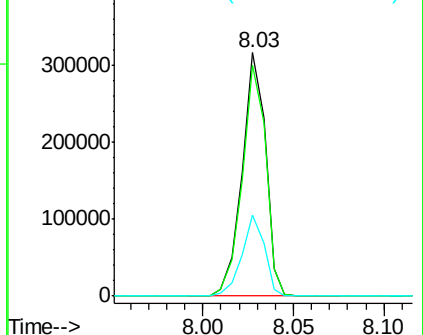
Lab File: BF104628.D

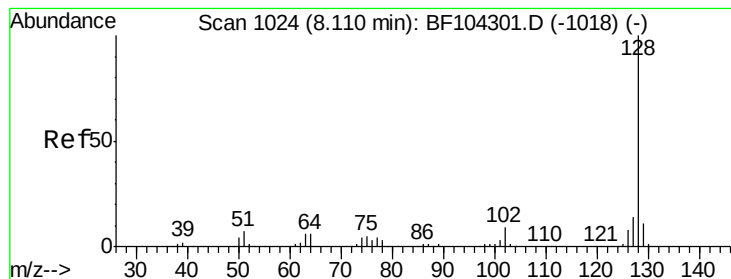
Acq: 19 Apr 2018 13:52

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 180  | Resp: | 286049 |
| Ion Ratio |      | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 95.0 | 76.8  | 115.2  |
| 145       | 33.4 | 26.5  | 39.7   |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.096 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

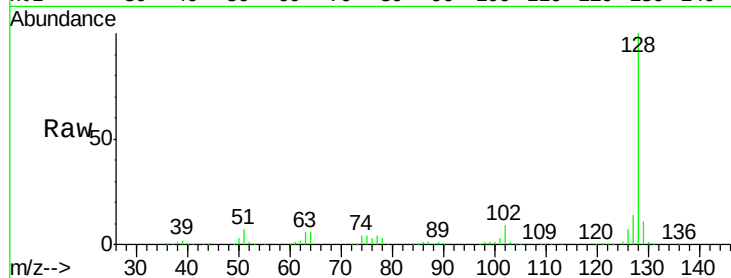
ClientSampled :

PB108328BS

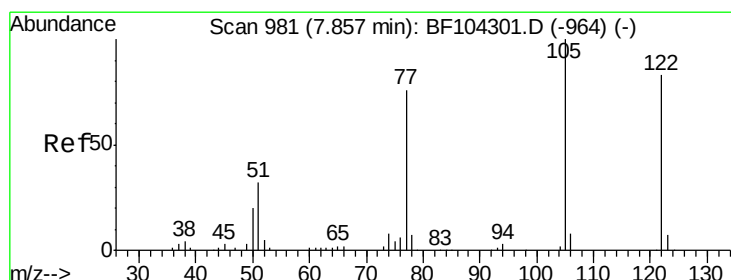
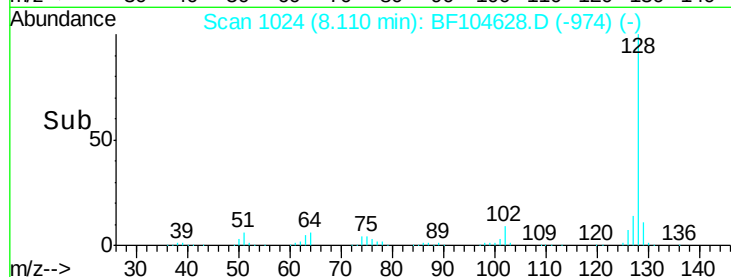
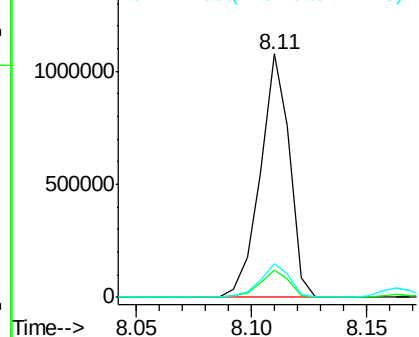
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 951020 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.4  | 8.8   | 13.2   |
| 127       | 13.7  | 10.9  | 16.3   |

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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: 26.368 ng m

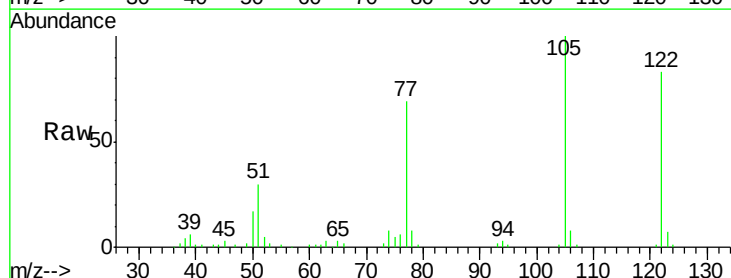
RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

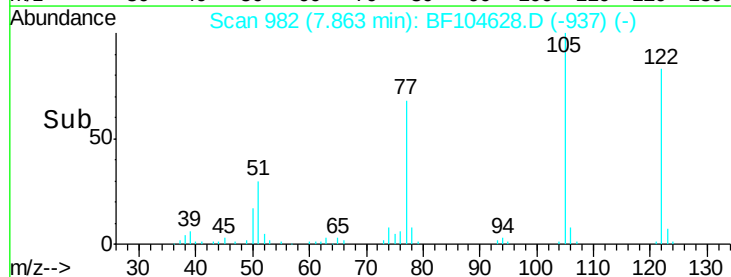
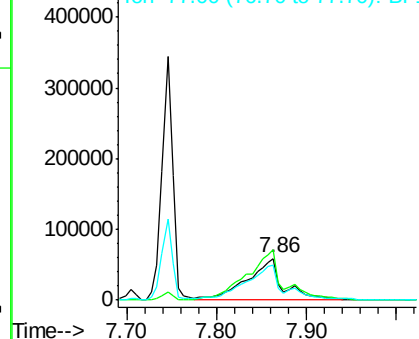
Lab File: BF104628.D

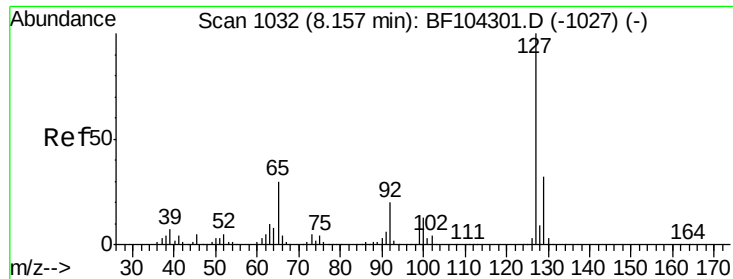
Acq: 19 Apr 2018 13:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 154812 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 120.1 | 101.1 | 141.1  |
| 77        | 82.9  | 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





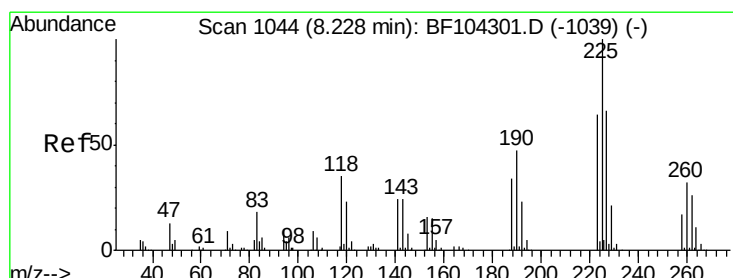
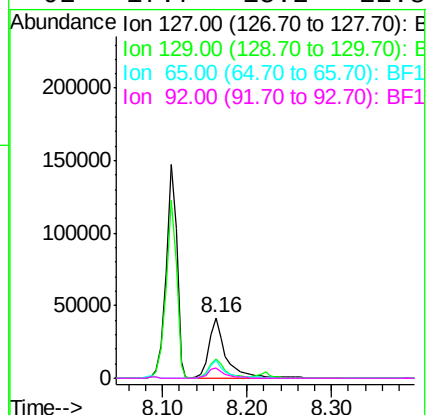
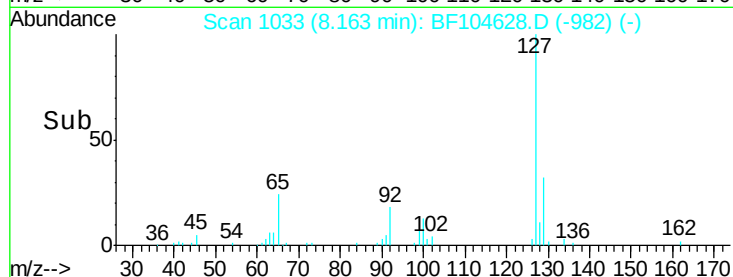
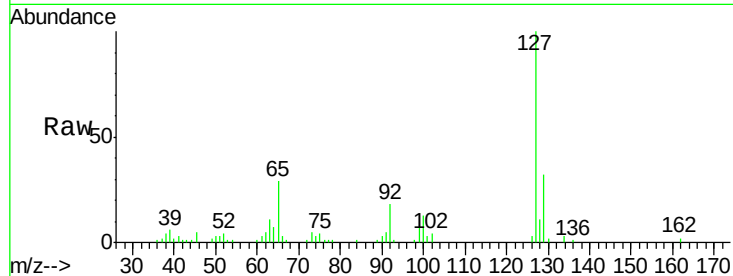
#33  
4-Chloroaniline  
Concen: 5.396 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.3 |       | 25.9 | 38.9  |       |
| 65      | 29.2 |       | 25.0 | 37.4  |       |
| 92      | 17.7 |       | 15.2 | 22.8  |       |

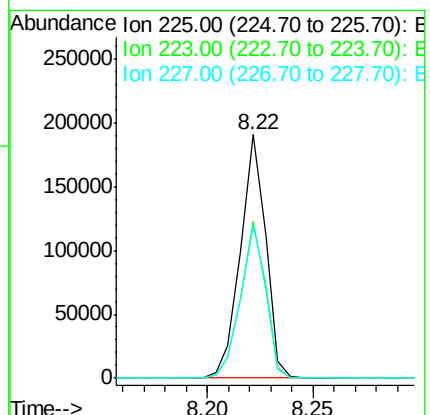
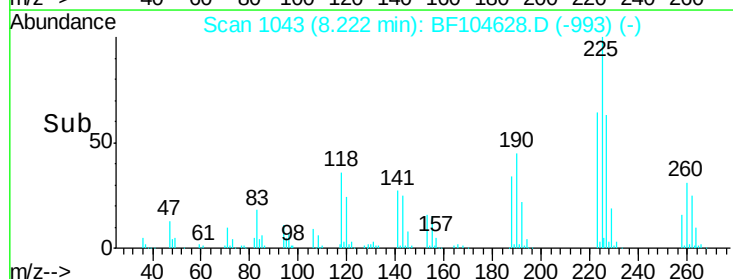
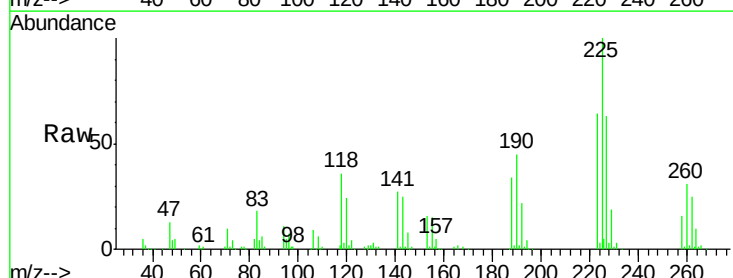
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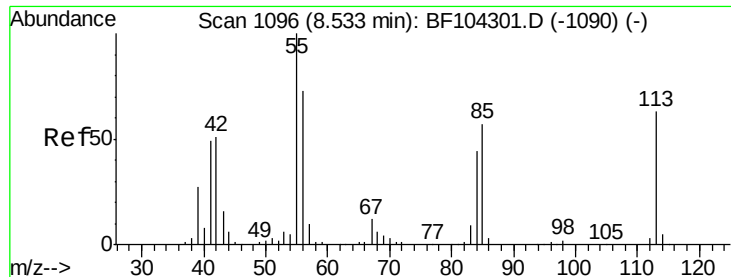
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#34  
Hexachlorobutadiene  
Concen: 37.244 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.1 |       | 50.6 | 76.0  |       |
| 227     | 62.6 |       | 51.9 | 77.9  |       |





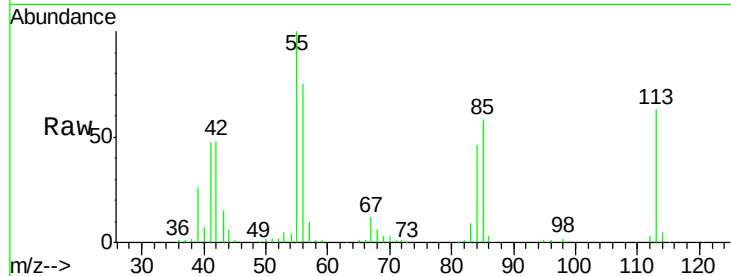
#35  
 Caprolactam  
 Concen: 33.465 ng  
 RT: 8.53 min Scan# 1096  
 Delta R.T. -0.02 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB108328BS

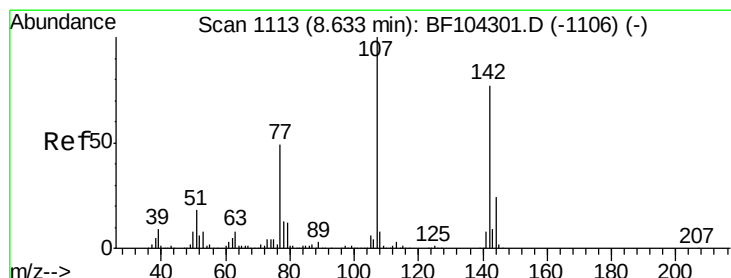
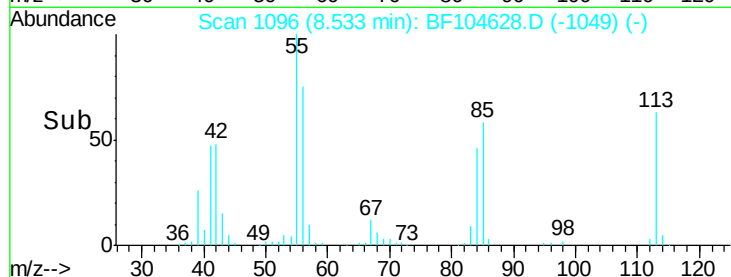
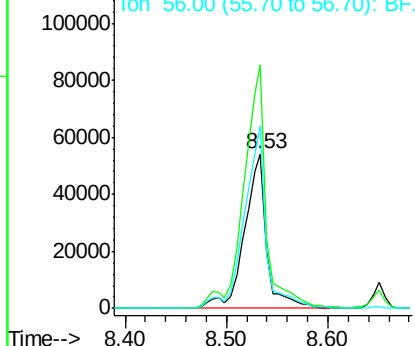
Tot Ion:113 Resp: 81964  
 Ion Ratio Lower Upper  
 113 100  
 55 157.8 163.3 203.3#  
 56 118.3 115.7 155.7

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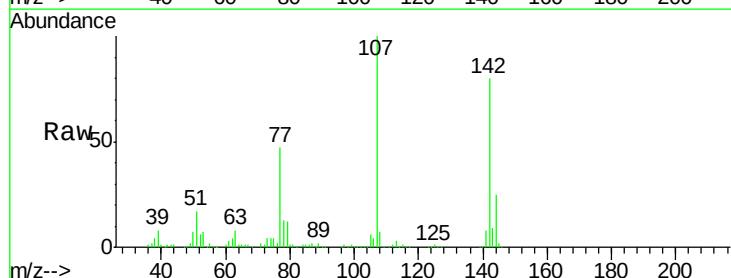


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

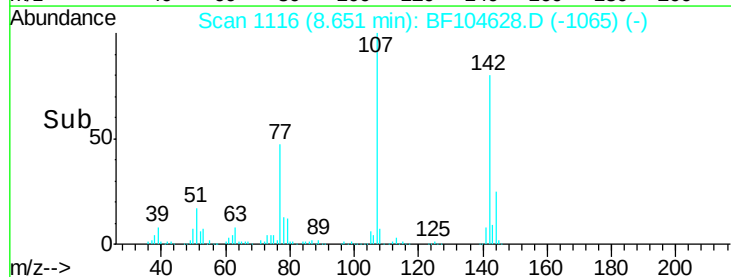
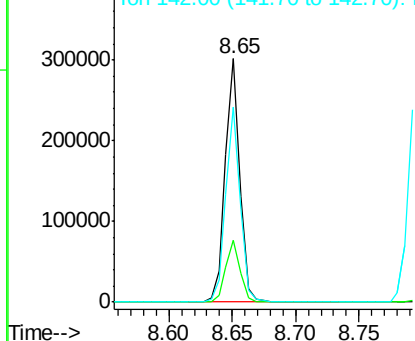


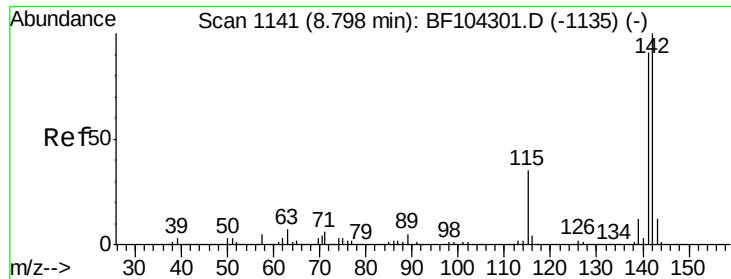
#36  
 4-Chloro-3-methylphenol  
 Concen: 32.126 ng  
 RT: 8.65 min Scan# 1116  
 Delta R.T. -0.00 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Tgt Ion:107 Resp: 241856  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 20.5 30.7  
 142 79.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E





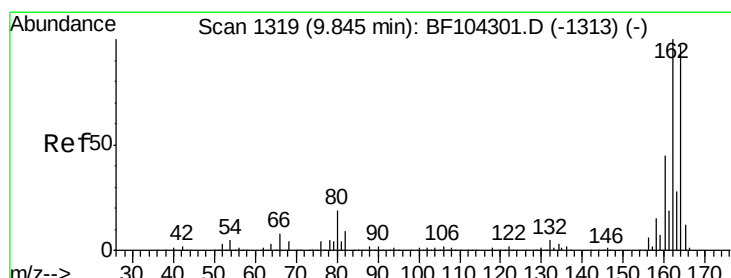
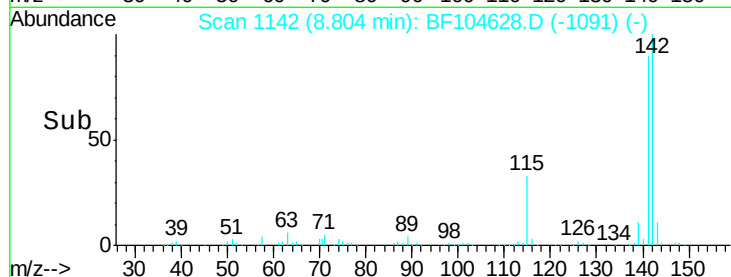
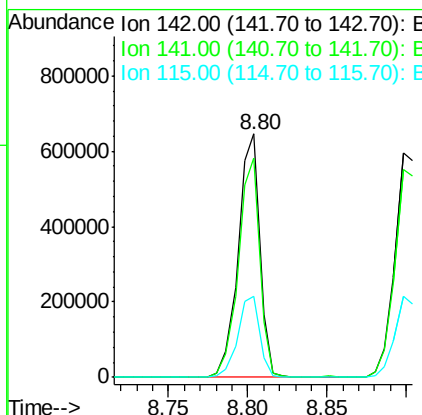
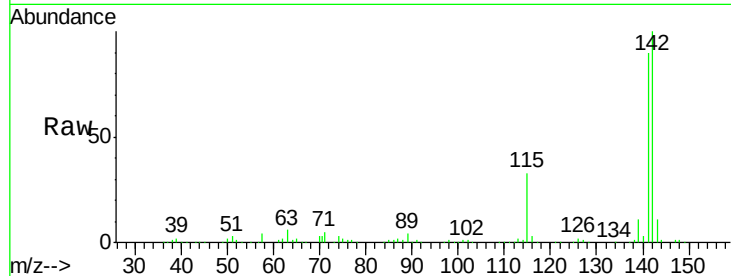
#37  
2-Methylnaphthalene  
Concen: 36.851 ng  
RT: 8.80 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampled :  
PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 70.8  | 106.2 |
| 115     | 33.1  | 26.1  | 39.1  |

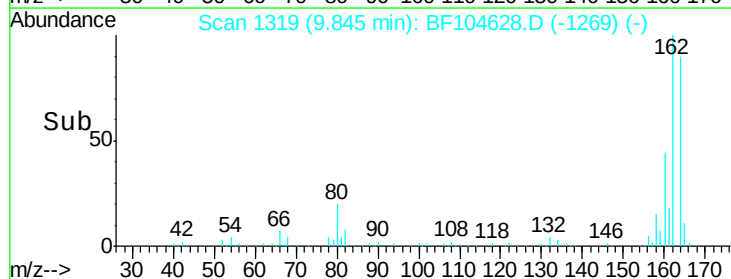
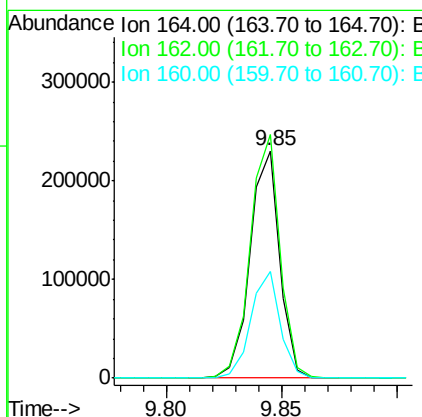
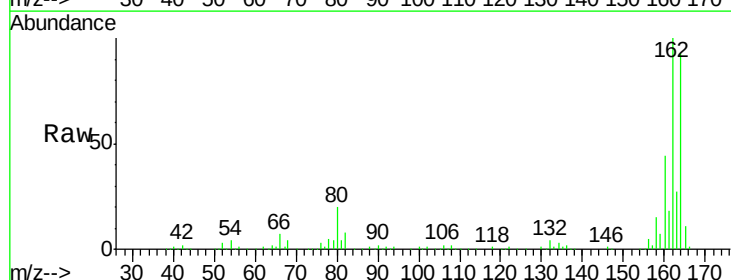
Manual Integrations  
APPROVED

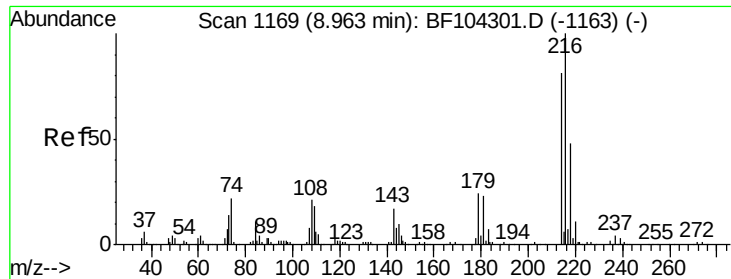
Sohil  
4/20/2018 3:05:08 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 107.1 | 86.1  | 129.1 |
| 160     | 47.1  | 38.3  | 57.5  |





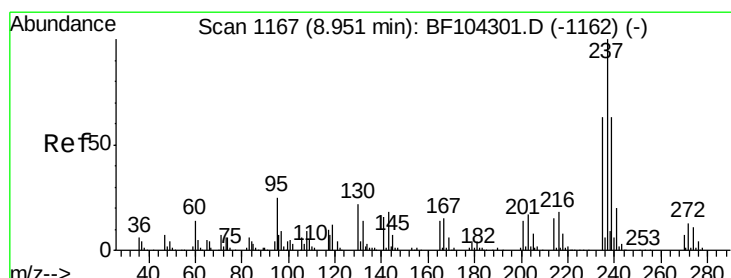
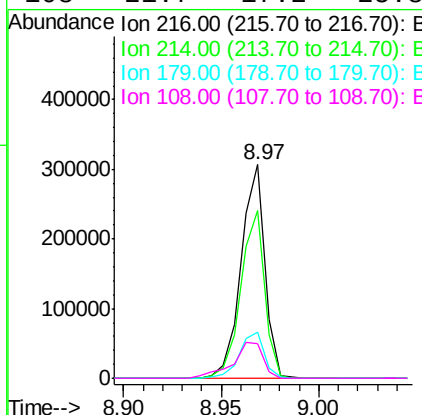
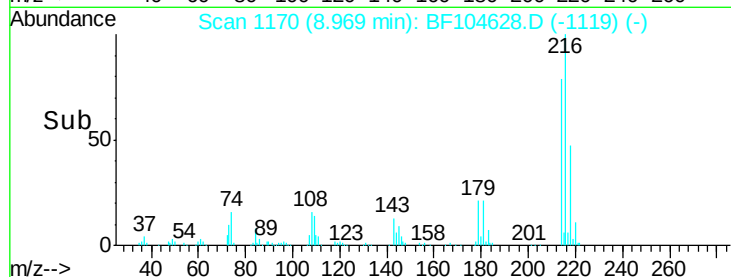
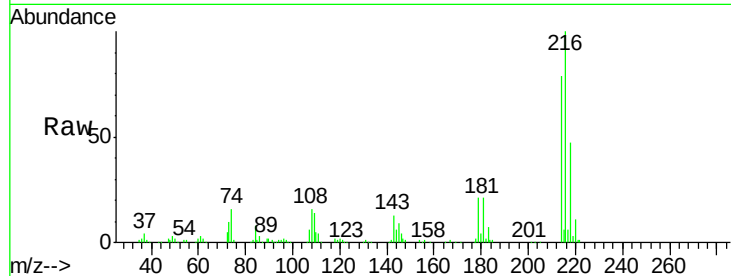
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.825 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. -0.00 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 259378 |       |       |
| 214     | 79.0  | 63.0   | 94.4  |       |
| 179     | 22.0  | 18.1   | 27.1  |       |
| 108     | 21.7  | 17.2   | 25.8  |       |

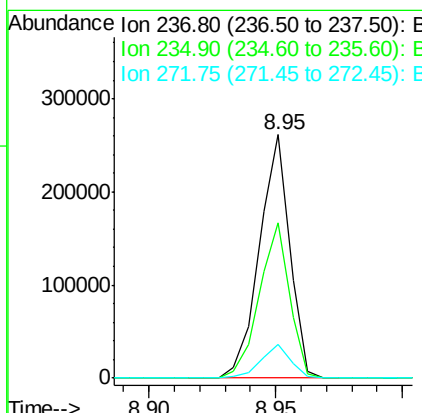
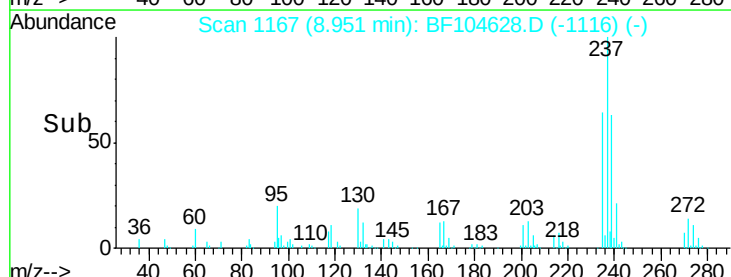
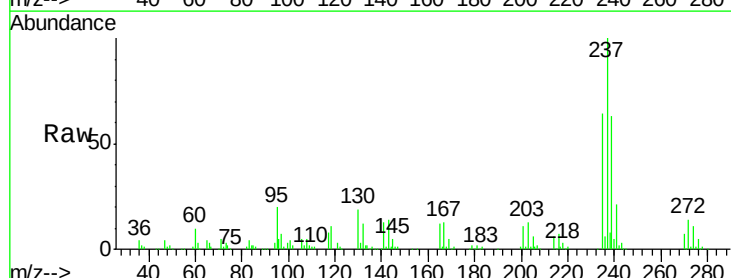
Manual Integrations  
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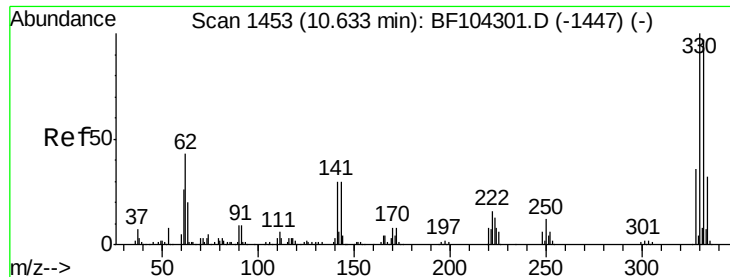


#40  
 Hexachlorocyclopentadiene  
 Concen: 66.236 ng  
 RT: 8.95 min Scan# 1167  
 Delta R.T. -0.00 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 219467 |       |       |
| 235     | 63.8  | 44.8   | 84.8  |       |
| 272     | 14.0  | 0.0    | 33.3  |       |







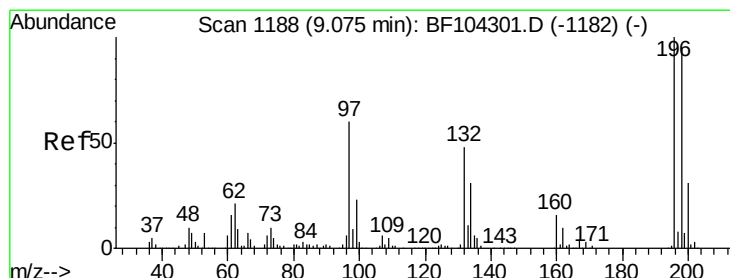
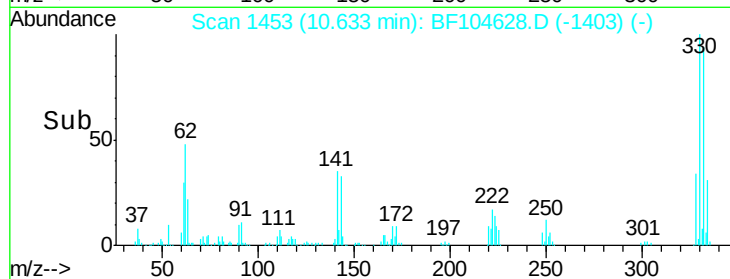
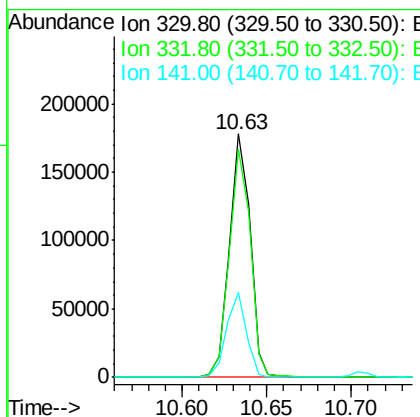
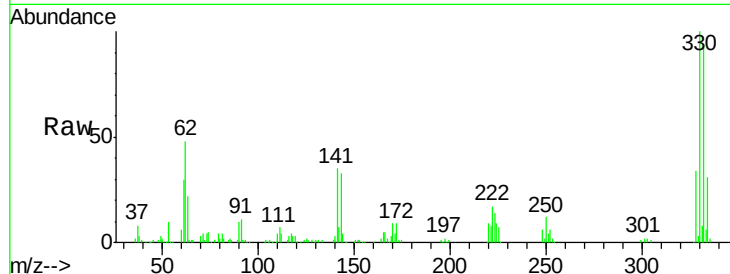
#41  
 2,4,6-Tribromophenol  
 Concen: 70.742 ng  
 RT: 10.63 min Scan# 1453  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 151723 |       |       |
| 332     | 95.5  | 77.0   | 115.6 |       |
| 141     | 33.5  | 29.9   | 44.9  |       |

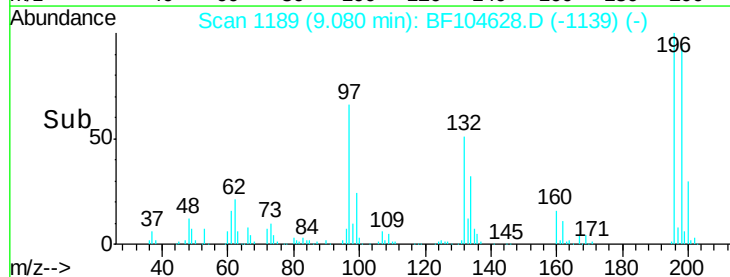
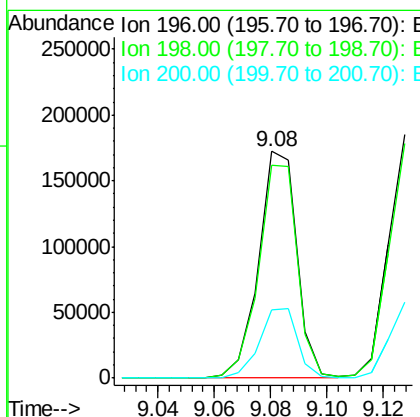
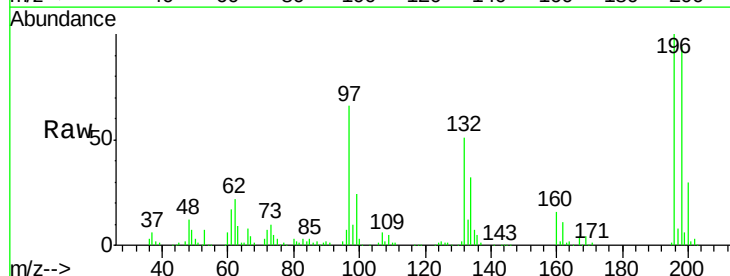
Manual Integrations  
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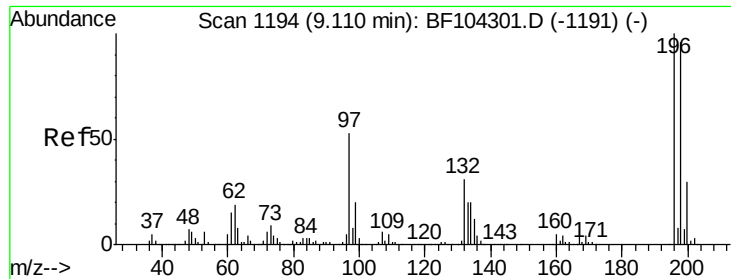
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#42  
 2,4,6-Trichlorophenol  
 Concen: 39.536 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 162434 |       |       |
| 198     | 94.1  | 75.7   | 113.5 |       |
| 200     | 30.1  | 24.5   | 36.7  |       |





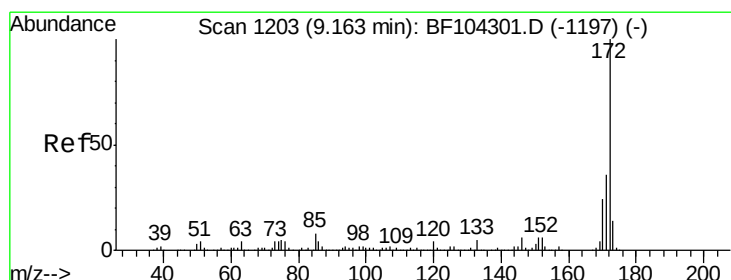
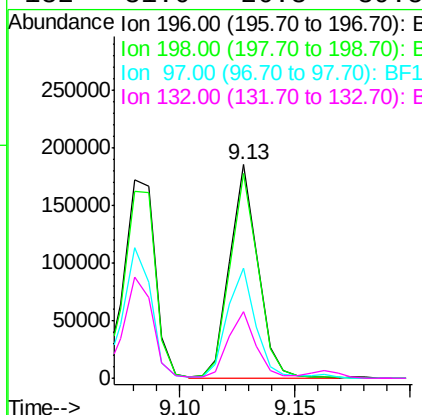
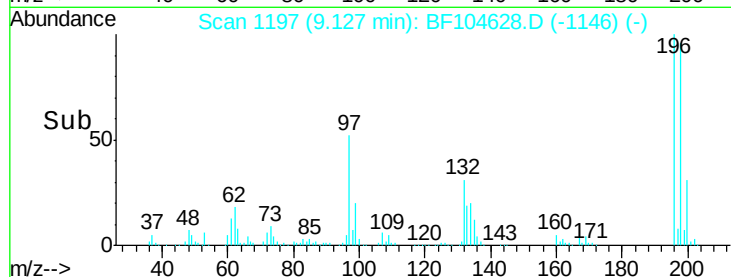
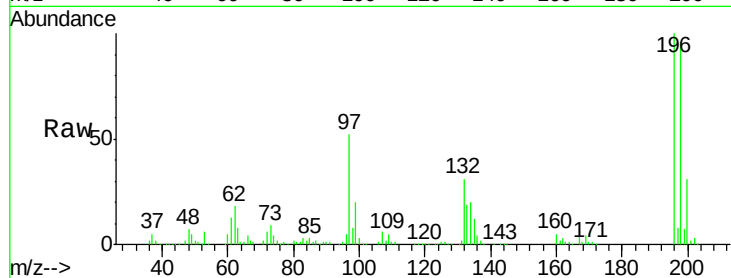
#43  
 2,4,5-Trichlorophenol  
 Concen: 34.210 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. -0.00 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 157284 |       |       |
| 198     | 96.2 | 74.6  | 112.0  |       |       |
| 97      | 51.5 | 42.9  | 64.3   |       |       |
| 132     | 31.0 | 26.3  | 39.5   |       |       |

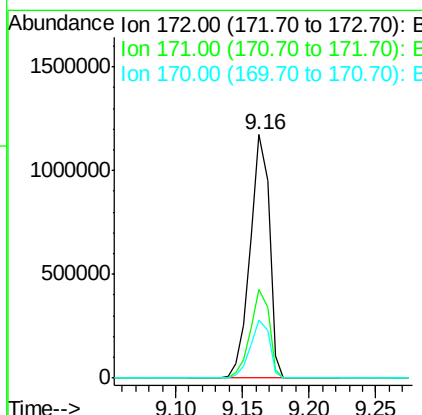
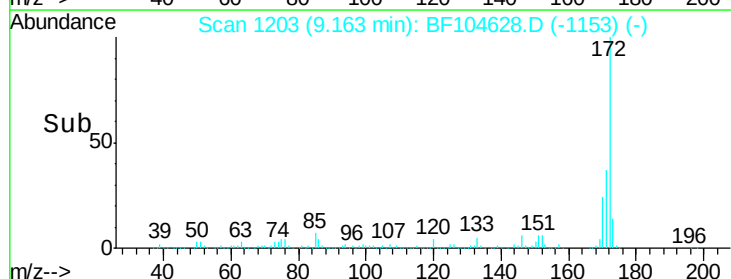
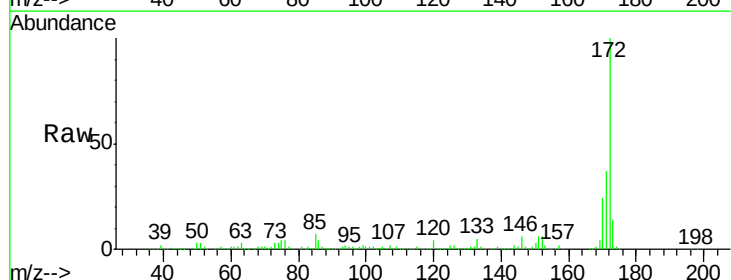
Manual Integrations  
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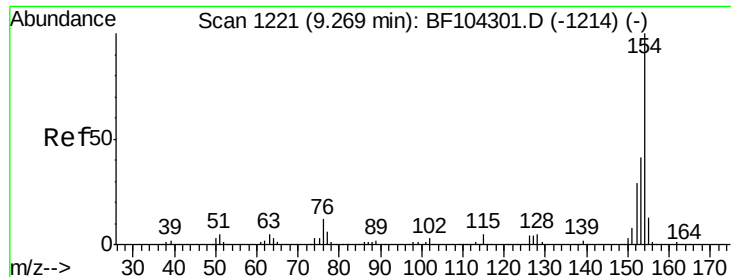
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 4/20/2018 3:05:08 PM



#44  
 2-Fluorobiphenyl  
 Concen: 87.905 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 172     | 100  |       | 1150481 |       |       |
| 171     | 36.5 | 29.7  | 44.5    |       |       |
| 170     | 24.0 | 19.6  | 29.4    |       |       |





#45

1,1'-Biphenyl

Concen: 39.932 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

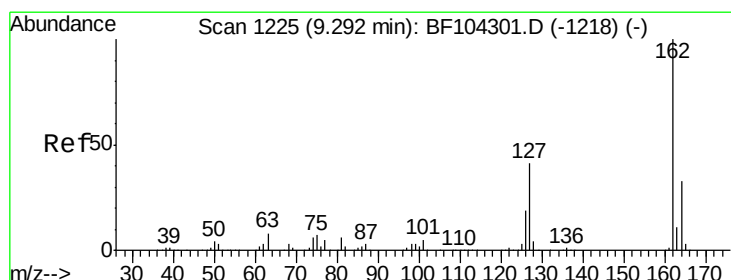
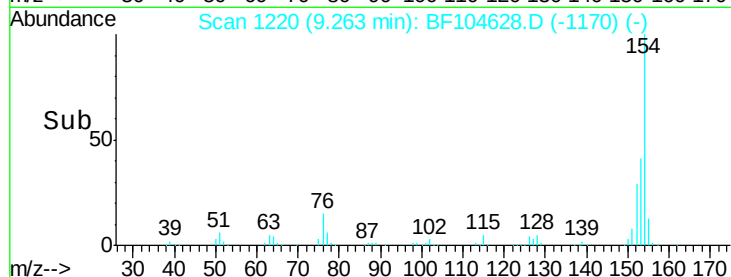
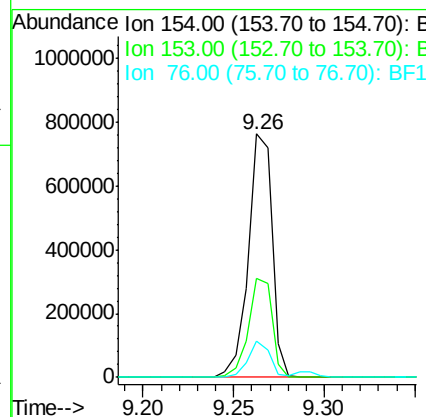
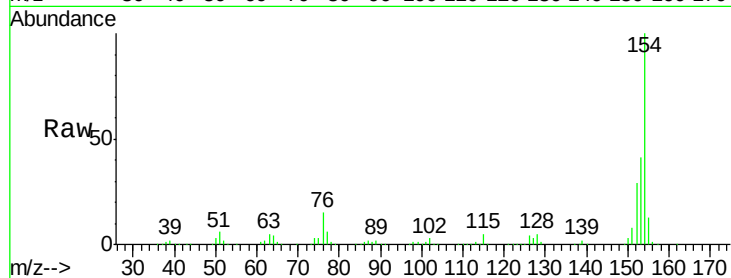
ClientSampled :

PB108328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 693570 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.8  | 21.3  | 61.3   |
| 76        | 14.8  | 0.0   | 34.0   |

Manual Integrations  
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#46

2-Chloronaphthalene

Concen: 39.598 ng

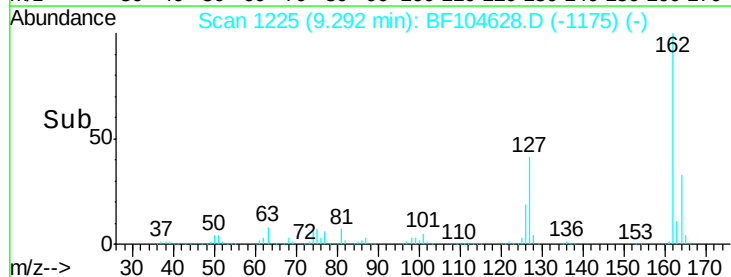
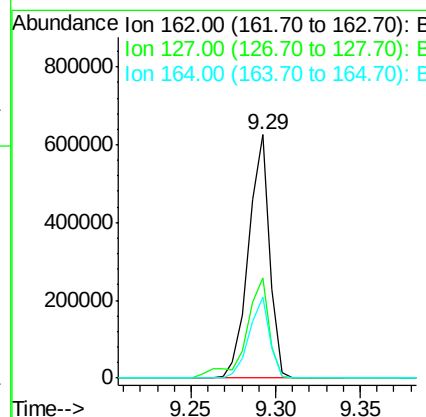
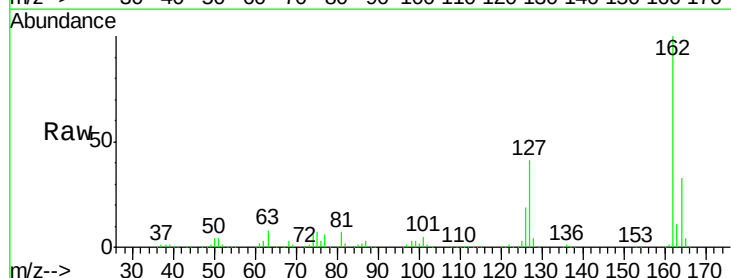
RT: 9.29 min Scan# 1225

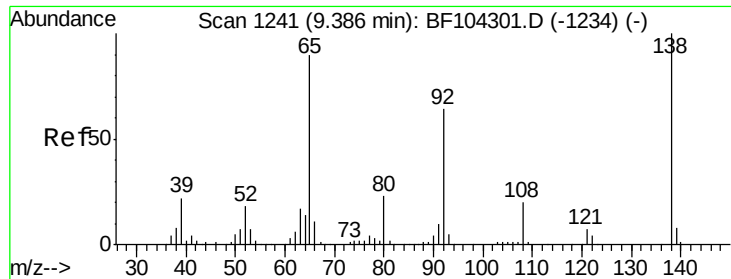
Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 543251 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.0  | 33.9  | 50.9   |
| 164       | 33.2  | 26.5  | 39.7   |





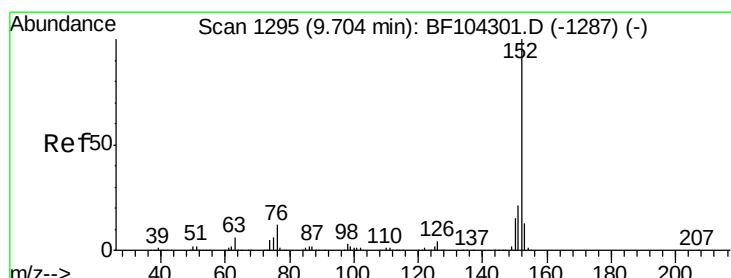
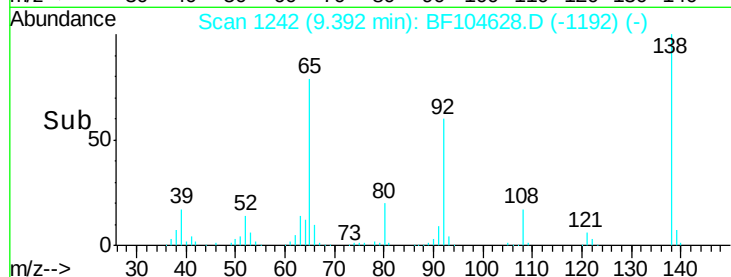
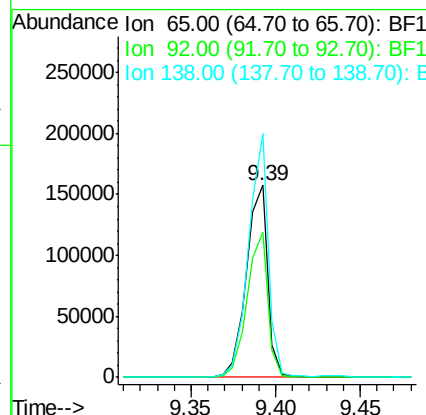
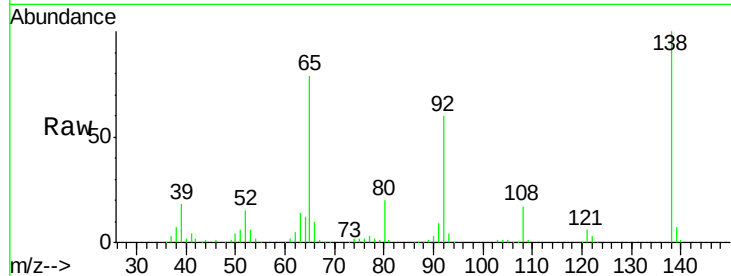
#47  
 2-Nitroaniline  
 Concen: 40.924 ng  
 RT: 9.39 min Scan# 1242  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 138846 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 75.6  | 55.8  | 83.6   |
| 138       | 126.7 | 91.2  | 136.8  |

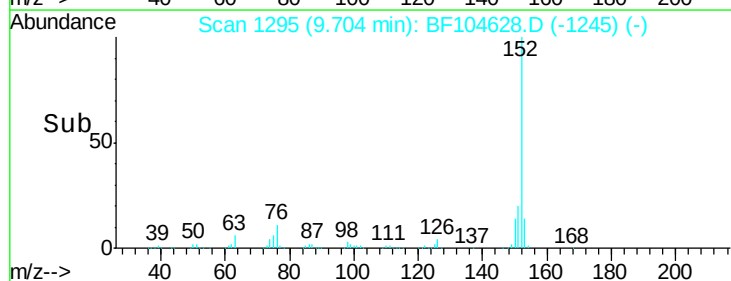
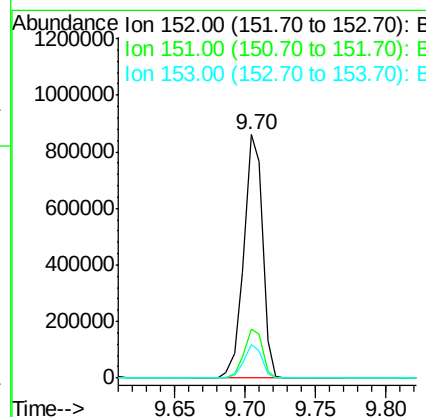
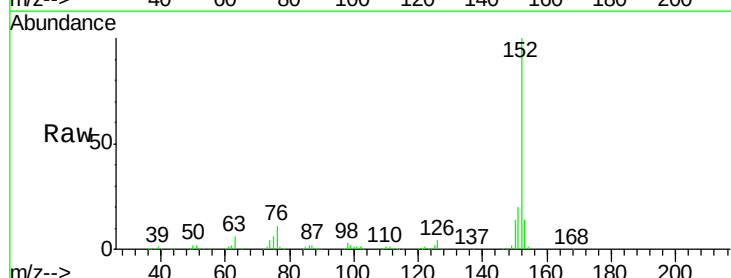
Manual Integrations  
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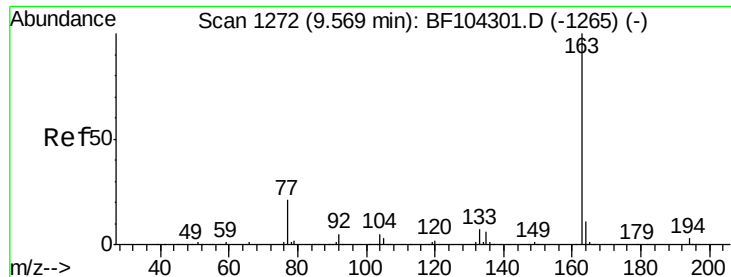
Sohil  
 4/20/2018 3:05:08 PM



#48  
 Acenaphthylene  
 Concen: 36.937 ng  
 RT: 9.70 min Scan# 1295  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 795068 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.2  | 16.3  | 24.5   |
| 153       | 13.6  | 10.7  | 16.1   |





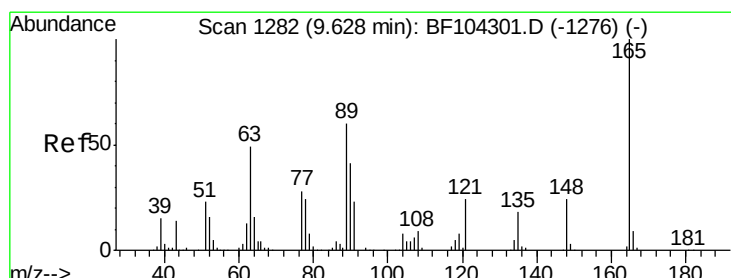
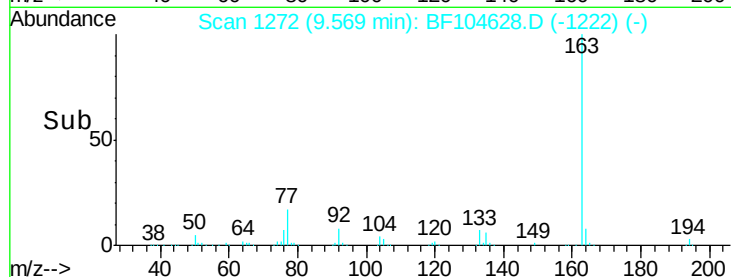
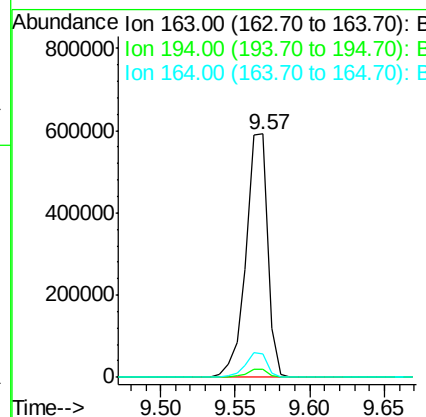
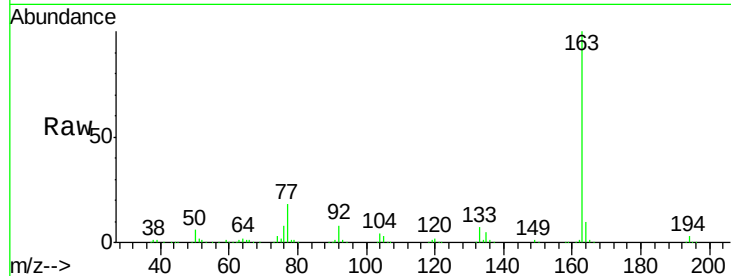
#49  
Dimethylphthalate  
Concen: 36.745 ng  
RT: 9.57 min Scan# 1272  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.5   | 2.7  | 4.1   |       |
| 164     | 9.6   | 8.2  | 12.2  |       |

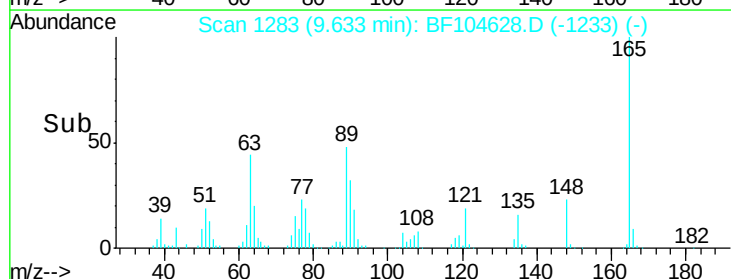
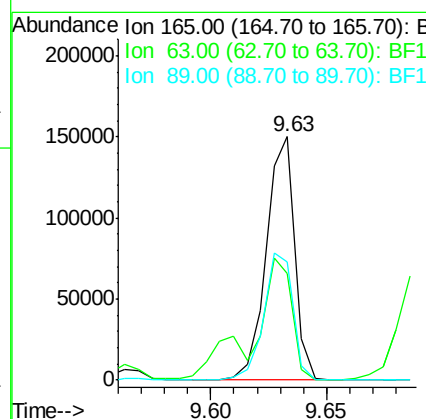
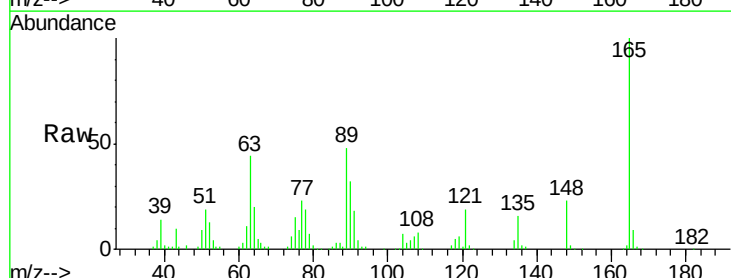
Manual Integrations  
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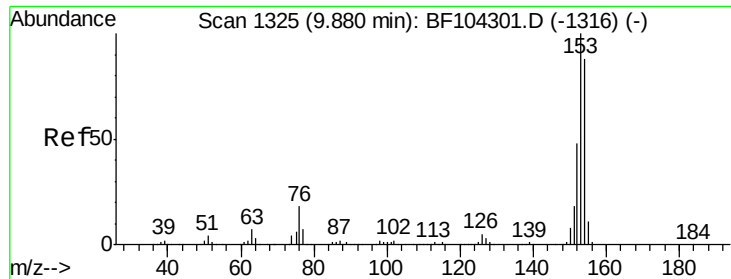
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4/20/2018 3:05:08 PM



#50  
2,6-Dinitrotoluene  
Concen: 42.467 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 44.0  | 44.7 | 67.1# |       |
| 89      | 48.3  | 44.0 | 66.0  |       |





#51

Acenaphthene

Concen: 35.389 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

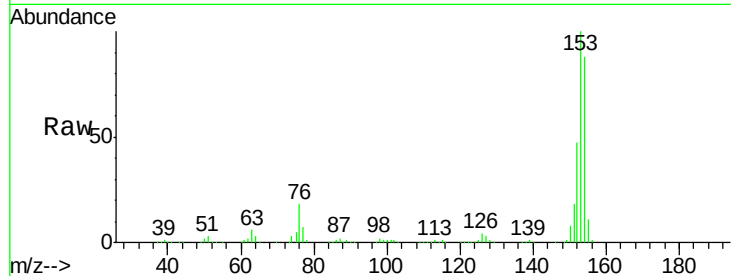
ClientSampleId :

PB108328BS

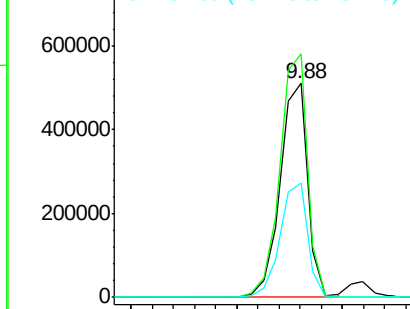
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 464767 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.8 | 91.2  | 136.8  |
| 152       | 53.3  | 43.8  | 65.8   |

Manual Integrations  
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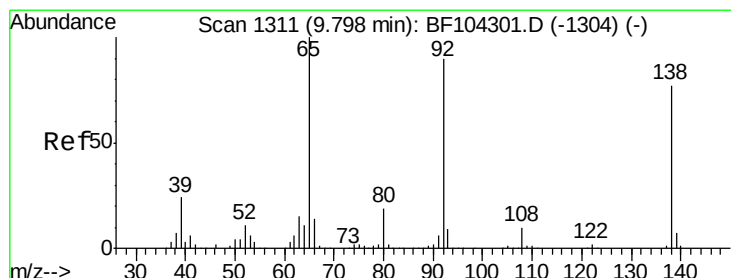
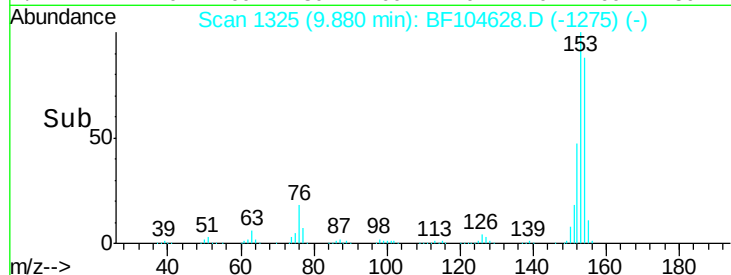
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4/20/2018 3:05:08 PM



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 16.298 ng

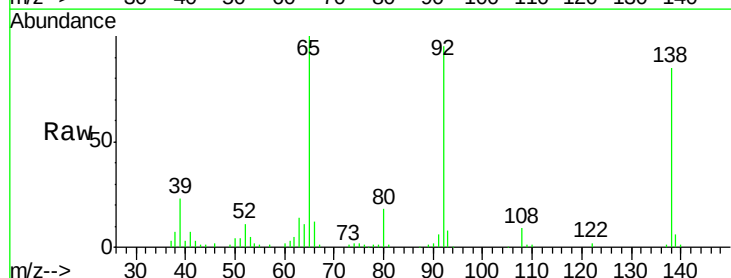
RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

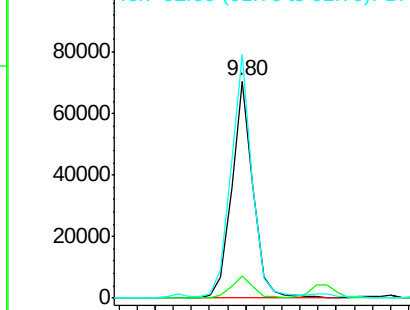
Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

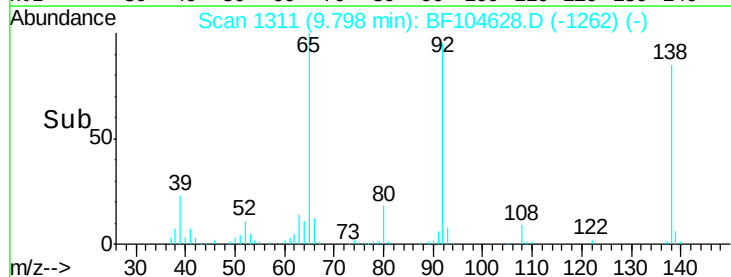
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 57563 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.3  | 9.4   | 14.0  |
| 92        | 112.2 | 89.4  | 134.2 |

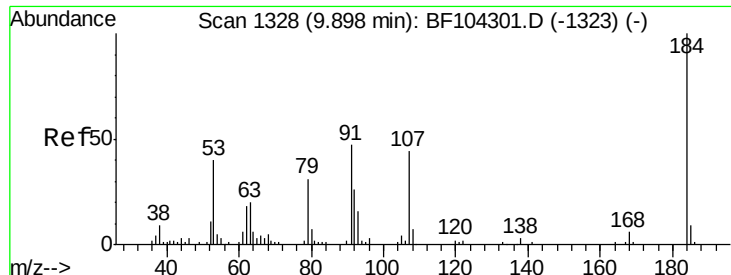


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1



Time-->





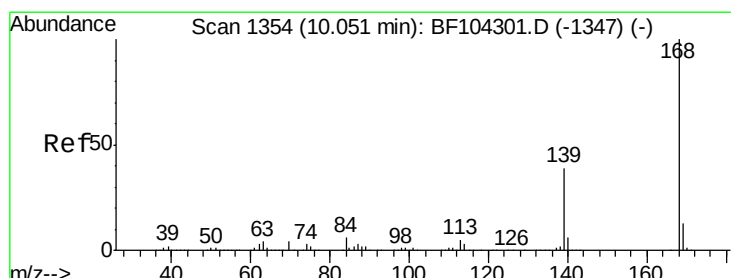
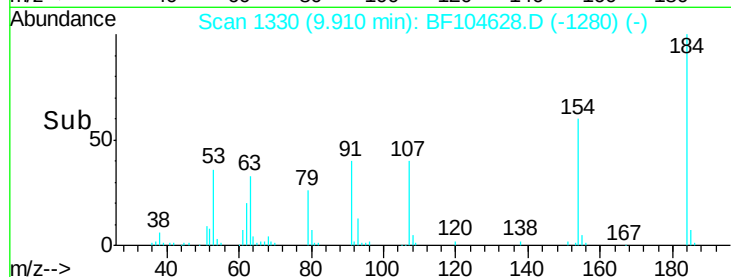
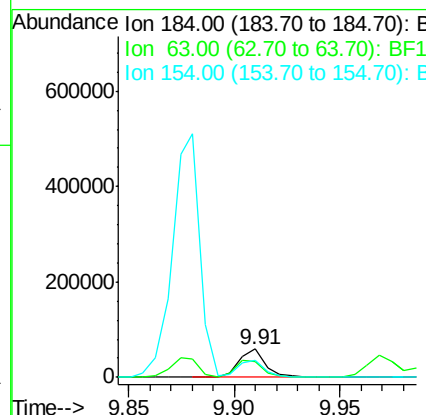
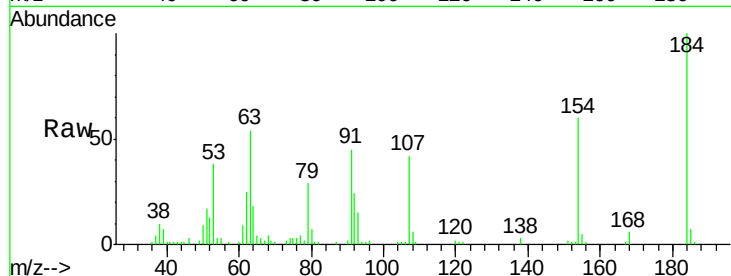
#53  
 2,4-Dinitrophenol  
 Concen: 50.507 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

Tot Ion:184 Resp: 51277  
 Ion Ratio Lower Upper  
 184 100  
 63 53.8 54.2 81.2#  
 154 60.5 184.0 276.0#

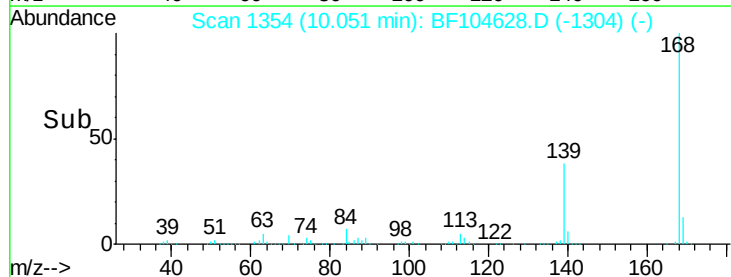
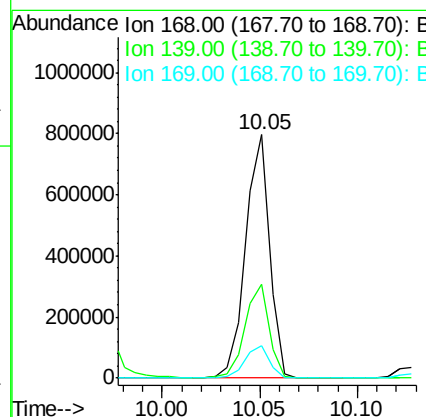
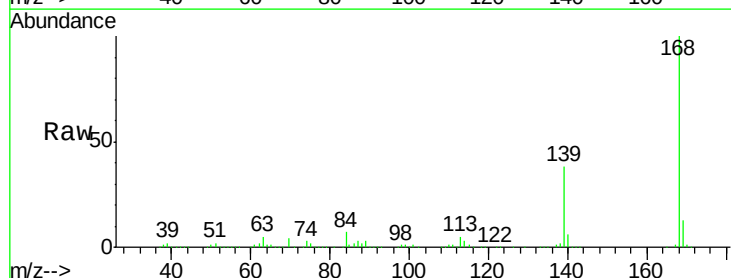
Manual Integrations  
 APPROVED

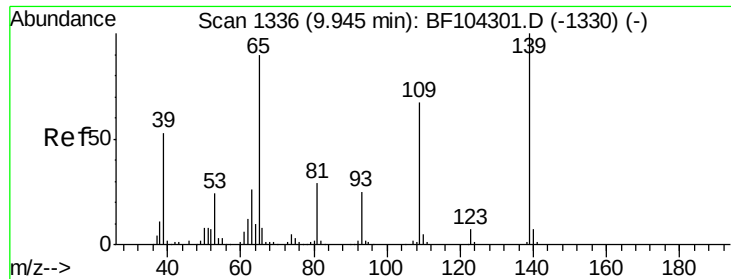
Sohil  
 4/20/2018 3:05:08 PM



#54  
 Dibenzofuran  
 Concen: 37.119 ng  
 RT: 10.05 min Scan# 1354  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Tgt Ion:168 Resp: 679374  
 Ion Ratio Lower Upper  
 168 100  
 139 38.3 30.1 45.1  
 169 13.3 10.9 16.3





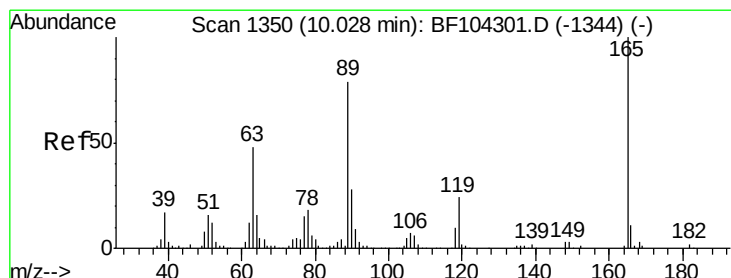
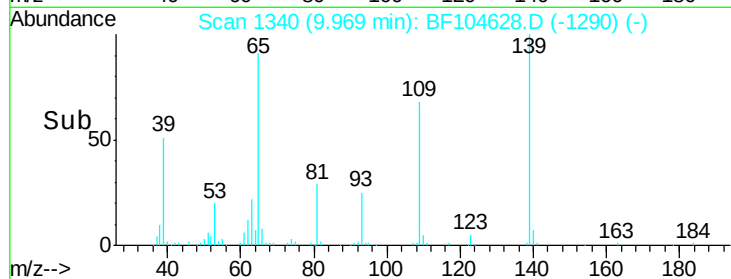
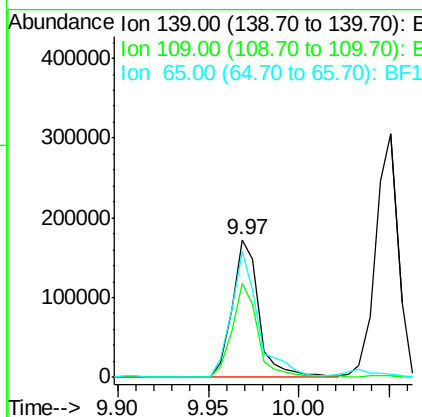
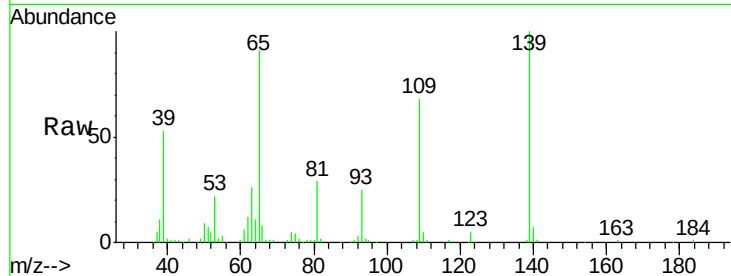
#55  
4-Nitrophenol  
Concen: 63.941 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 177399 |       |       |
| 109     | 67.8  | 48.4   | 88.4  |       |
| 65      | 91.5  | 72.6   | 112.6 |       |

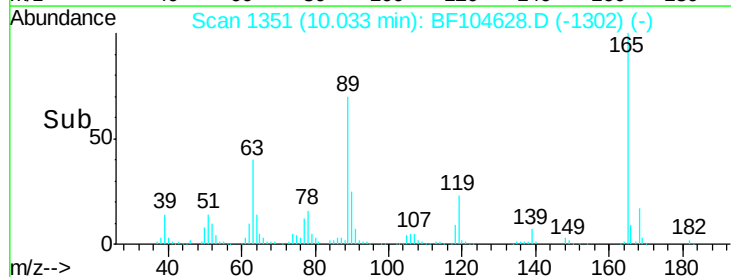
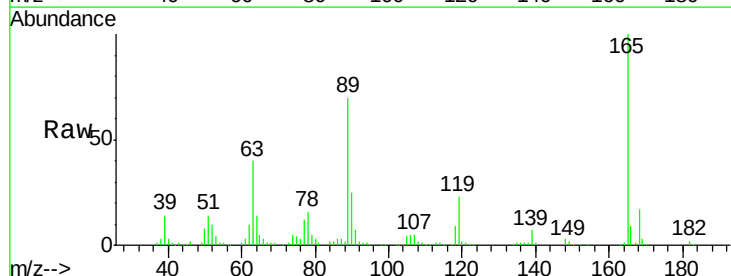
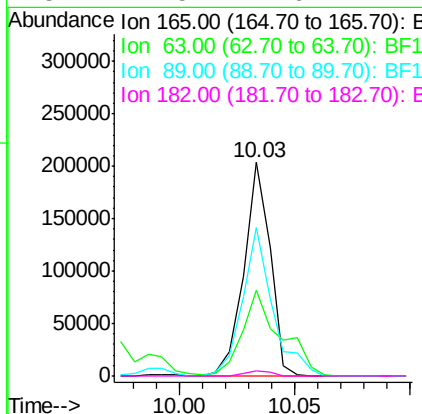
Manual Integrations  
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4/20/2018 3:05:08 PM

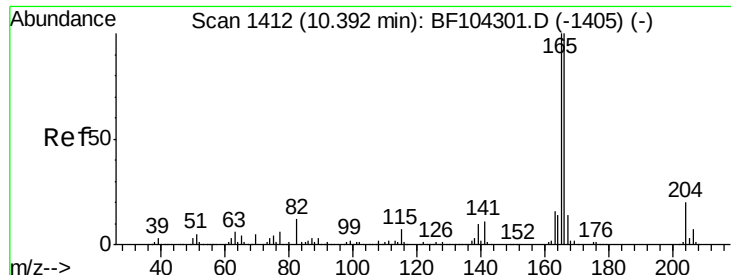


#56  
2,4-Dinitrotoluene  
Concen: 41.138 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 162796 |       |       |
| 63      | 40.2  | 36.4   | 54.6  |       |
| 89      | 69.7  | 57.8   | 86.6  |       |
| 182     | 2.5   | 1.6    | 2.4#  |       |







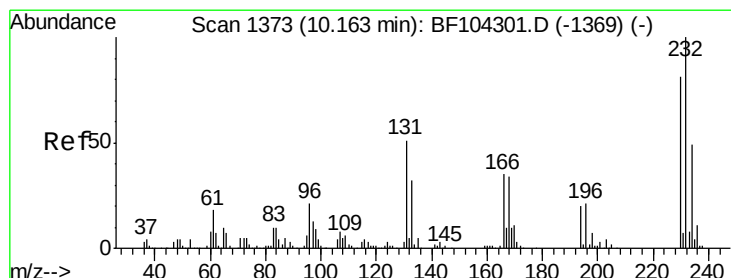
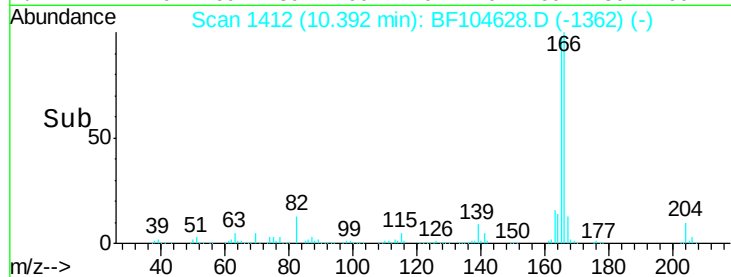
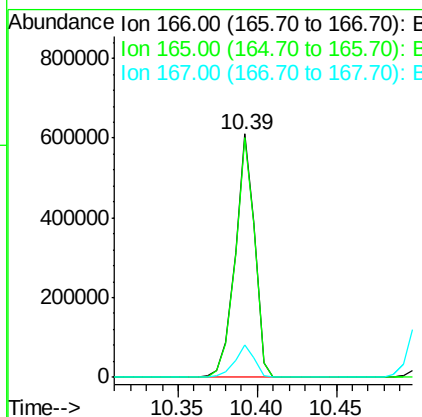
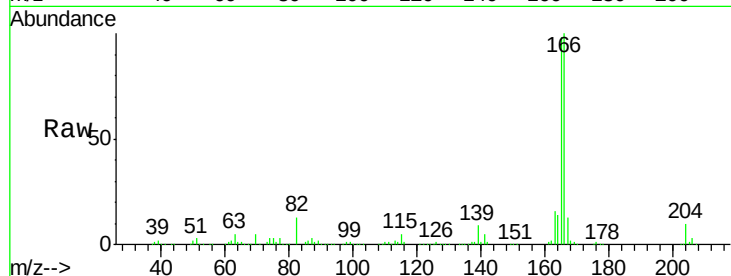
#57  
 Fluorene  
 Concen: 38.660 ng  
 RT: 10.39 min Scan# 1412  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 515021 |       |       |
| 165     | 98.4  | 79.8   | 119.8 |       |
| 167     | 13.4  | 10.6   | 16.0  |       |

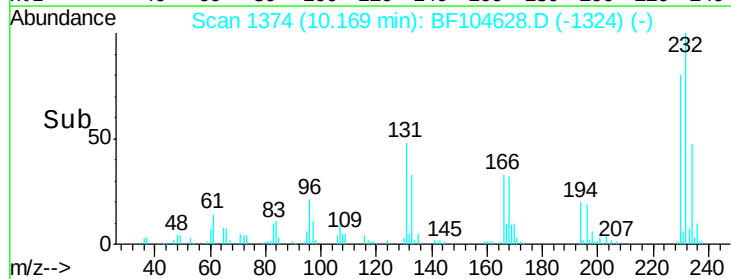
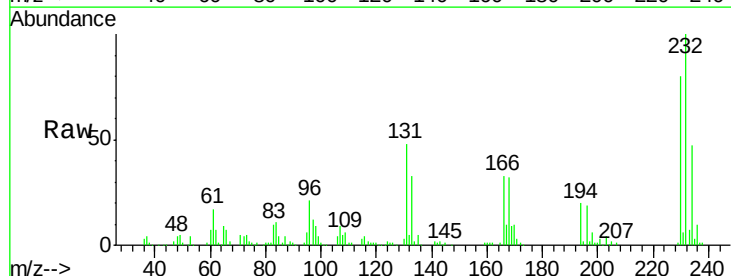
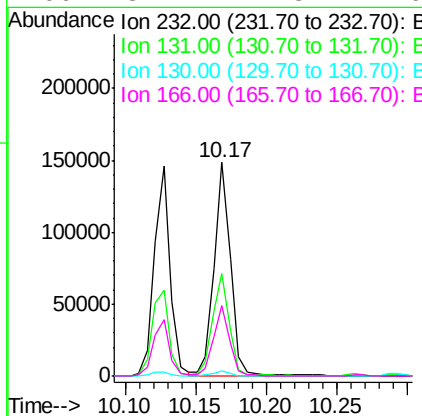
Manual Integrations  
 APPROVED

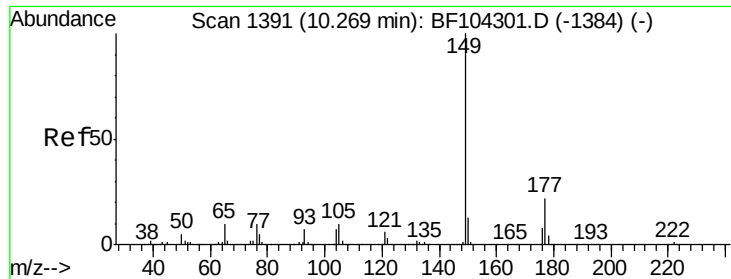
Sohil  
 4/20/2018 3:05:08 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.386 ng  
 RT: 10.17 min Scan# 1374  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 121374 |       |       |
| 131     | 48.9  | 43.8   | 65.8  |       |
| 130     | 2.5   | 2.1    | 3.1   |       |
| 166     | 32.1  | 27.8   | 41.6  |       |





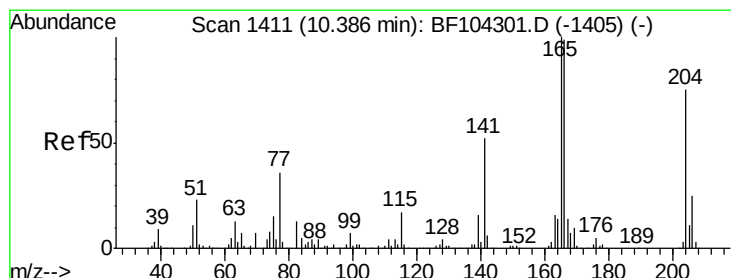
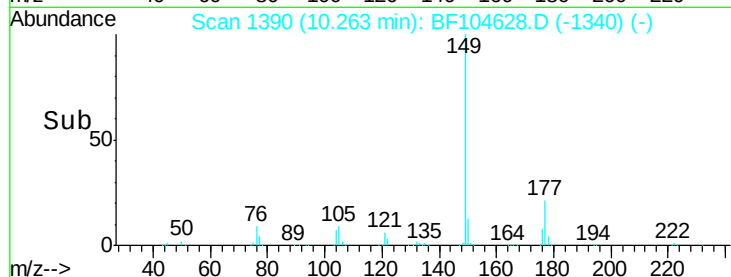
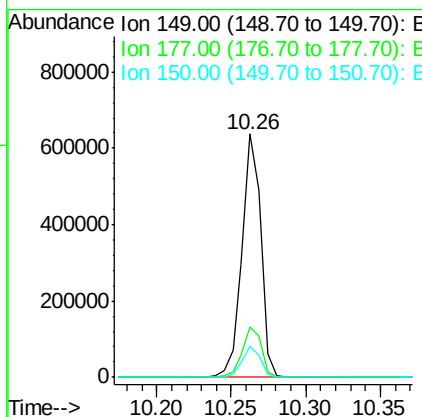
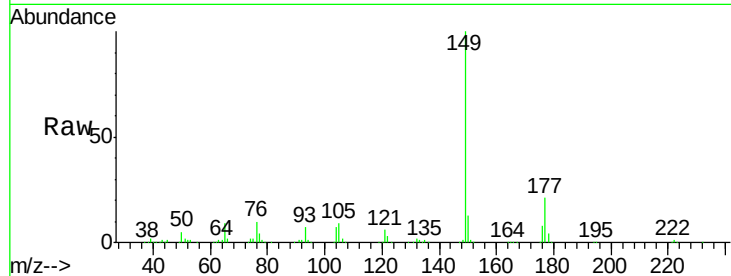
#59  
Diethylphthalate  
Concen: 34.403 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.5  | 16.1  | 24.1  |
| 150     | 12.7  | 10.1  | 15.1  |

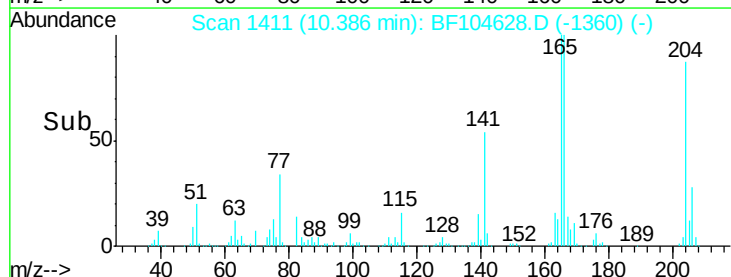
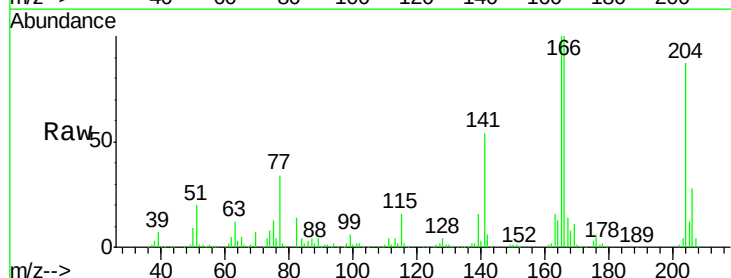
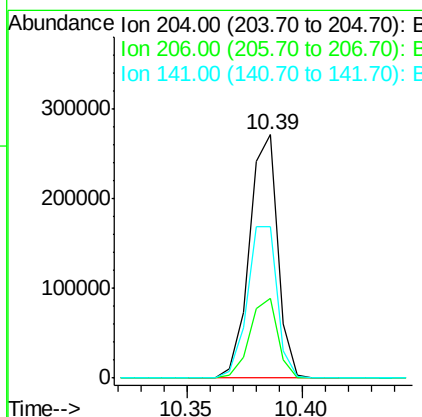
Manual Integrations  
APPROVED

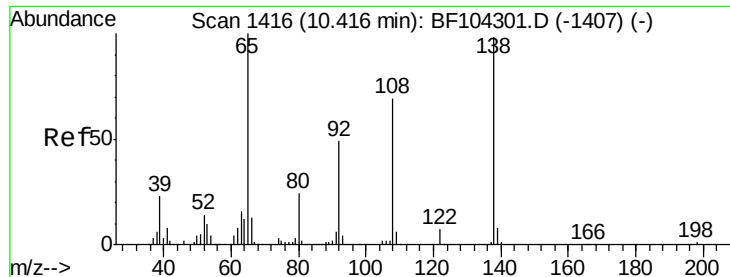
Sohil  
4/20/2018 3:05:08 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 39.287 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.6  | 26.5  | 39.7  |
| 141     | 62.2  | 54.6  | 81.8  |





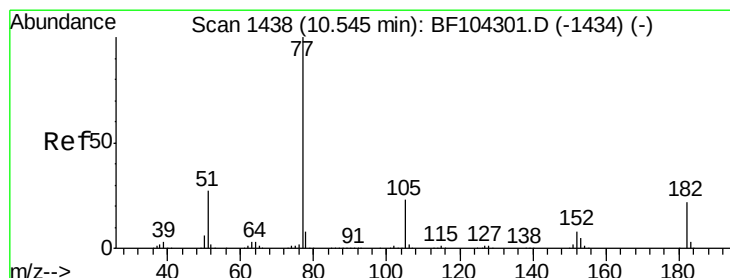
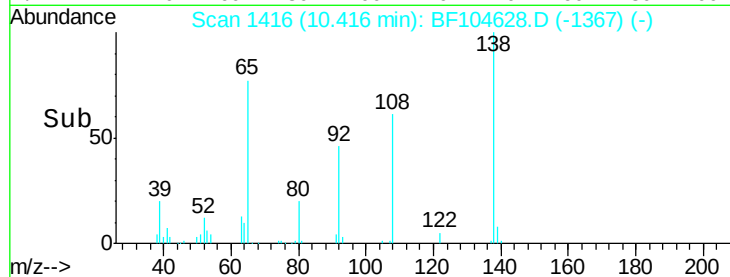
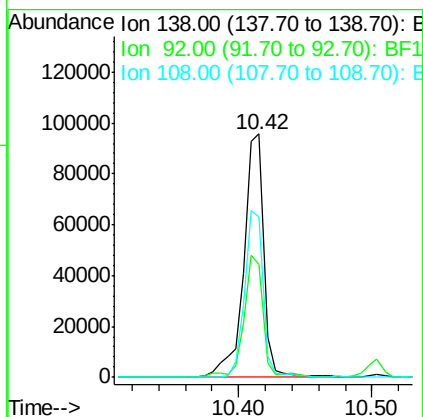
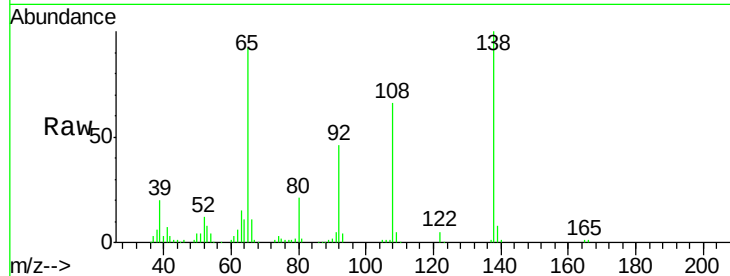
#61  
4-Nitroaniline  
Concen: 28.772 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.4  | 30.2  | 70.2  |
| 108     | 66.1  | 52.5  | 92.5  |

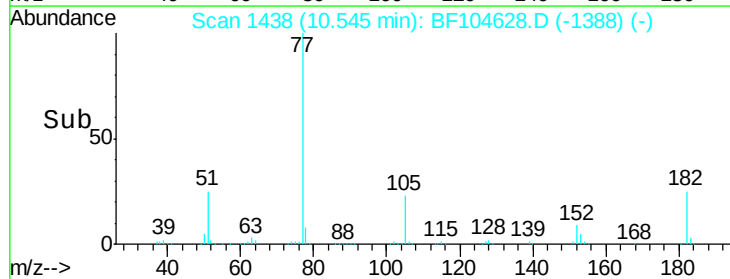
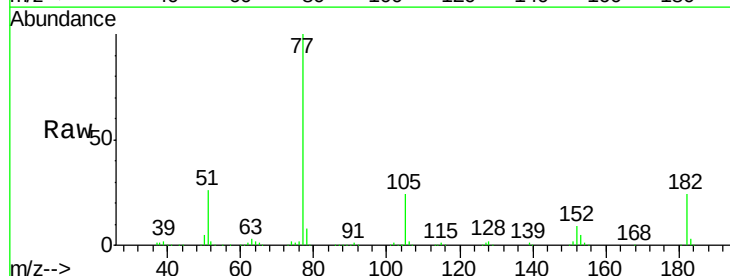
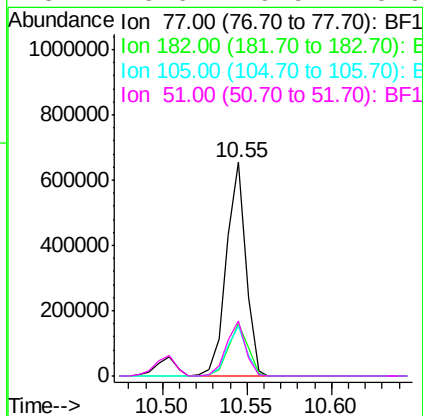
Manual Integrations  
APPROVED

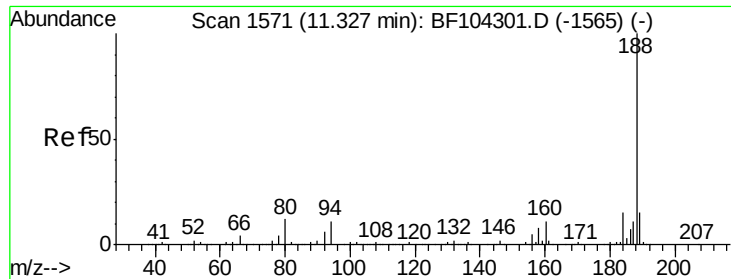
Sohil  
4/20/2018 3:05:08 PM



#62  
Azobenzene  
Concen: 33.710 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.4  | 1.7   | 41.7  |
| 105     | 23.6  | 3.0   | 43.0  |
| 51      | 25.6  | 9.9   | 49.9  |





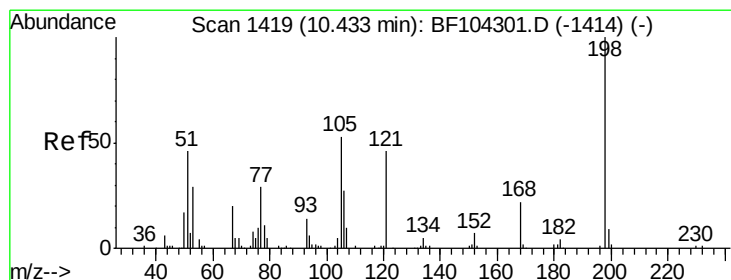
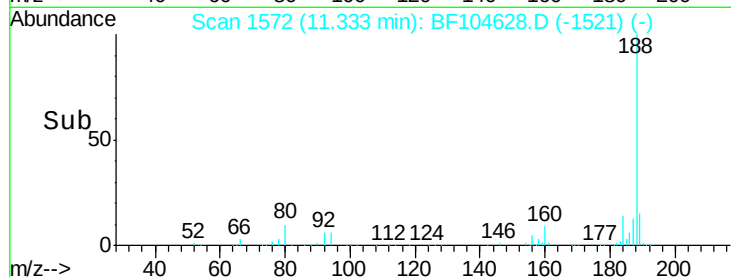
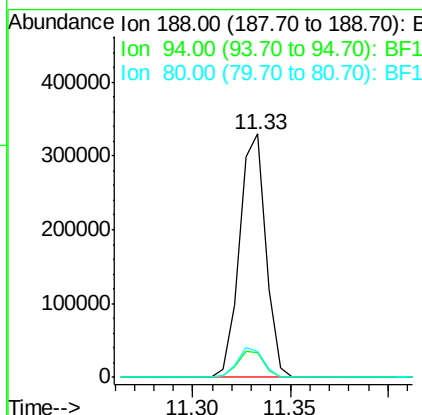
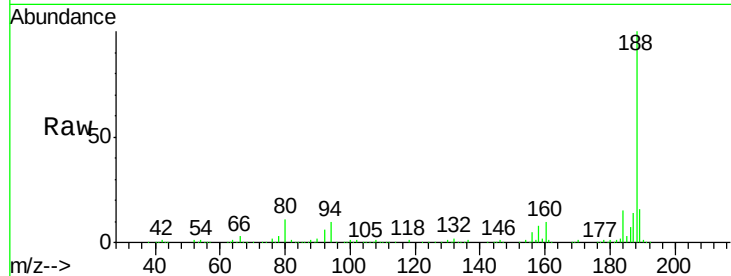
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. -0.00 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 10.1  | 8.5        | 12.7  |
| 80      | 10.8  | 9.2        | 13.8  |

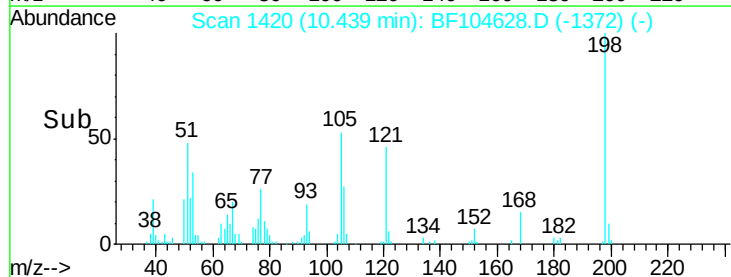
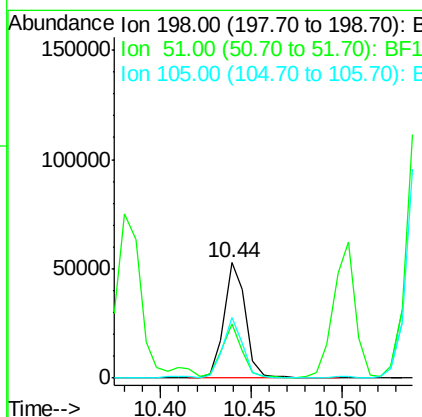
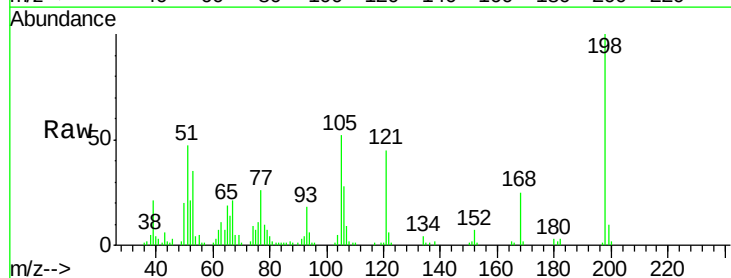
Manual Integrations  
APPROVED

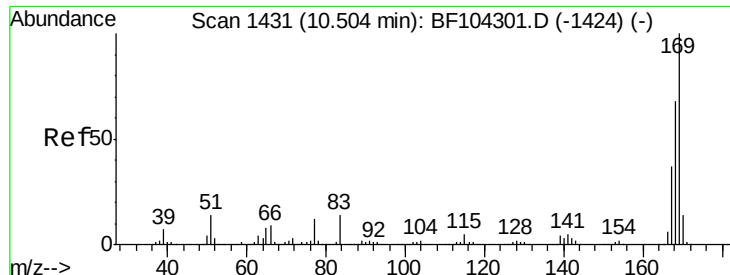
Sohil  
4/20/2018 3:05:08 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 32.014 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. -0.02 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 47.1  | 37.7       | 77.7  |
| 105     | 52.1  | 36.3       | 76.3  |





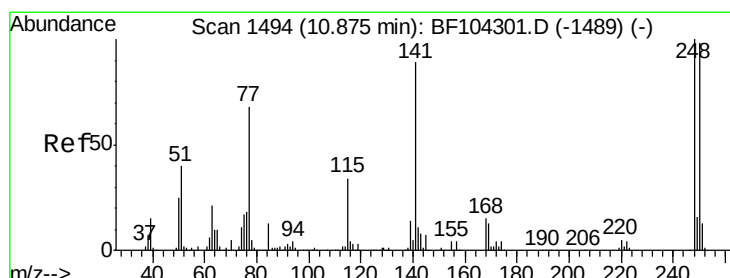
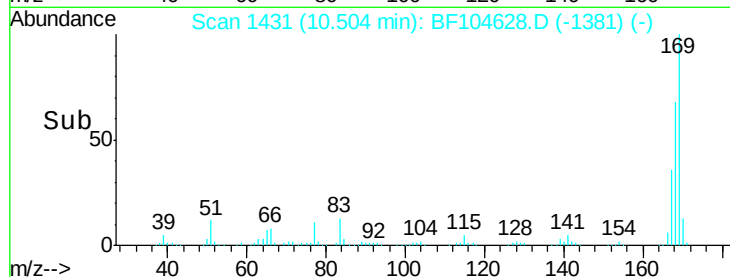
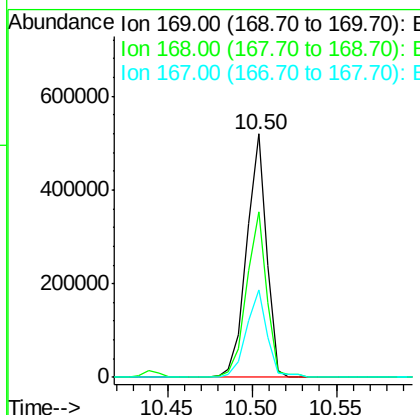
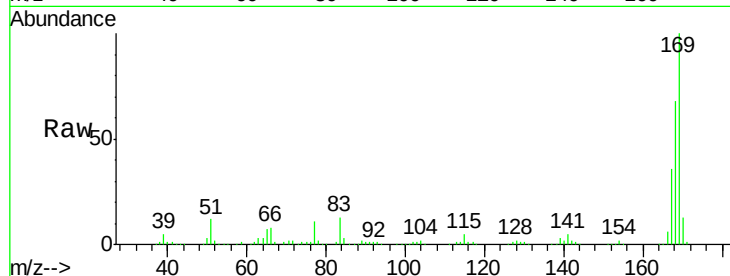
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.303 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 430233 |       |       |
| 168     | 68.1  |        | 54.4  | 81.6  |
| 167     | 36.0  |        | 29.8  | 44.6  |

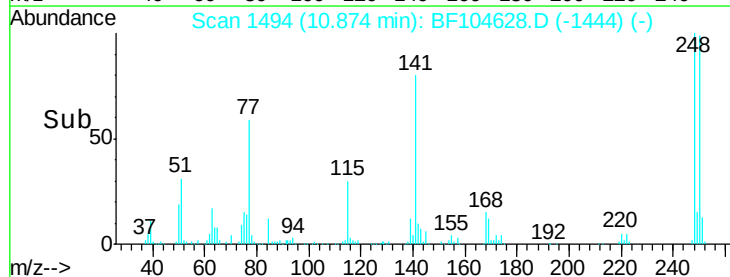
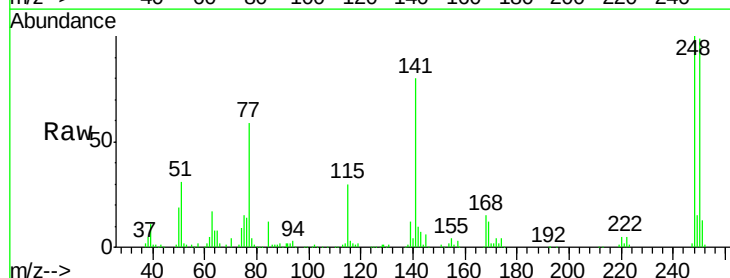
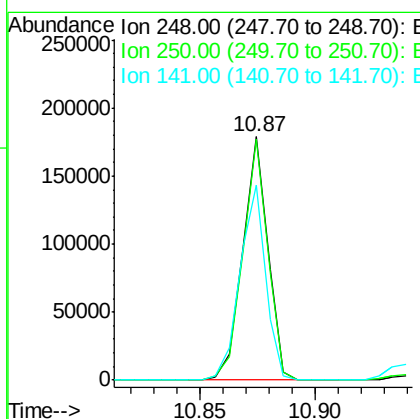
Manual Integrations  
 APPROVED

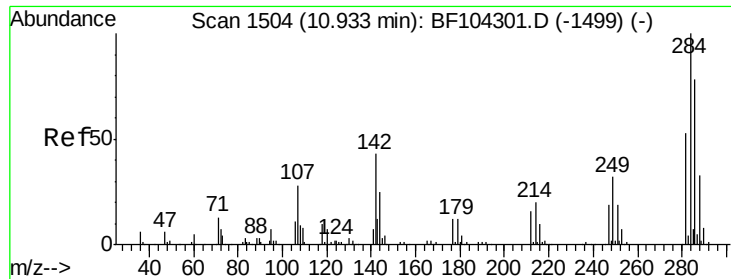
Sohil  
 4/20/2018 3:05:08 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 41.892 ng  
 RT: 10.87 min Scan# 1494  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 137191 |       |       |
| 250     | 98.9  |        | 76.9  | 115.3 |
| 141     | 80.0  |        | 74.4  | 111.6 |





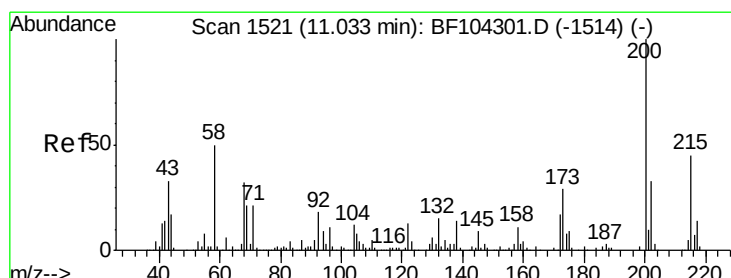
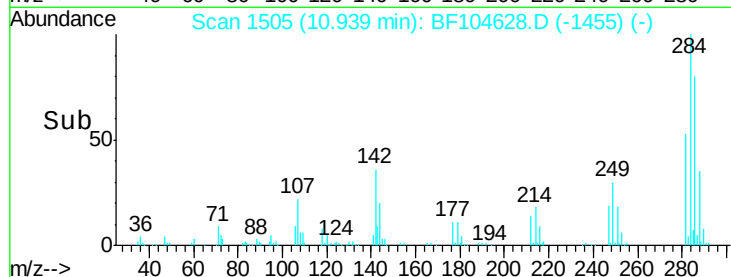
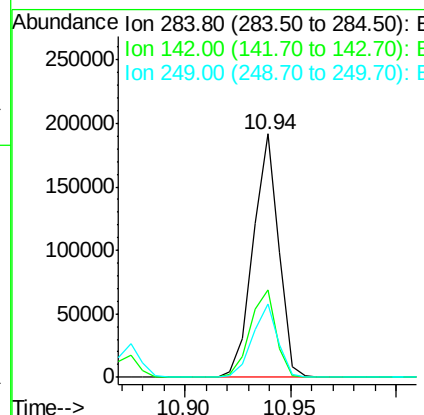
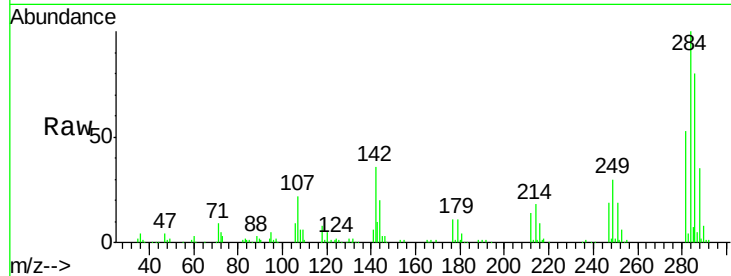
#67  
Hexachlorobenzene  
Concen: 43.710 ng  
RT: 10.94 min Scan# 1505  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampled :  
PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 161068 |       |       |
| 142     | 35.9  | 34.6   | 52.0  |       |
| 249     | 30.3  | 24.8   | 37.2  |       |

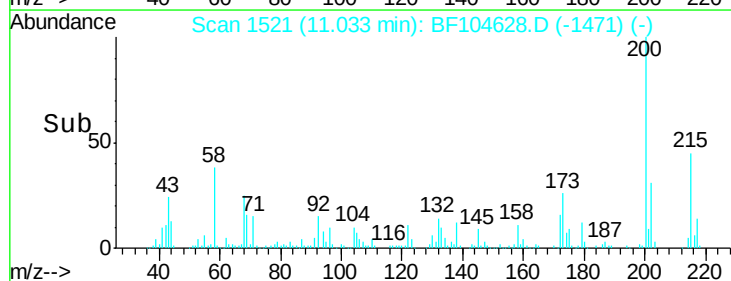
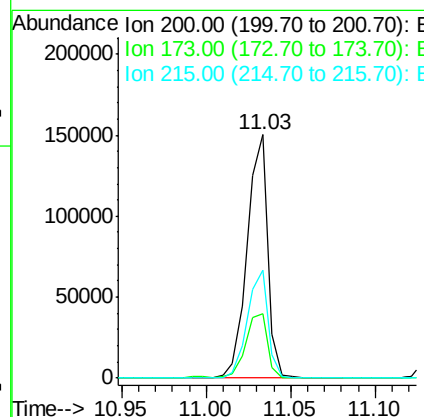
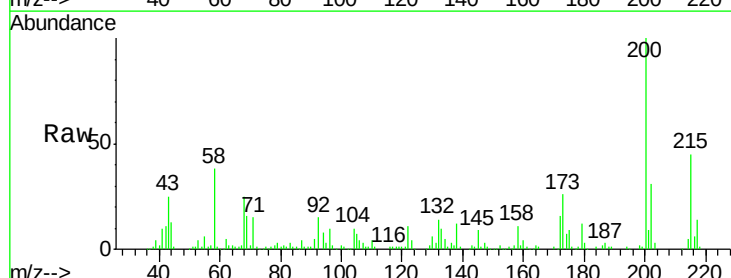
Manual Integrations  
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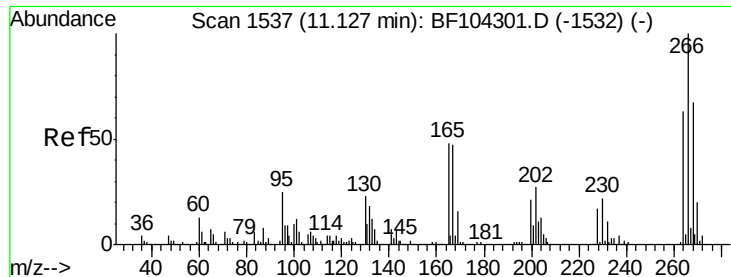
Sohil  
4/20/2018 3:05:08 PM



#68  
Atrazine  
Concen: 39.564 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 127484 |       |       |
| 173     | 26.3  | 8.6    | 48.6  |       |
| 215     | 44.6  | 25.1   | 65.1  |       |





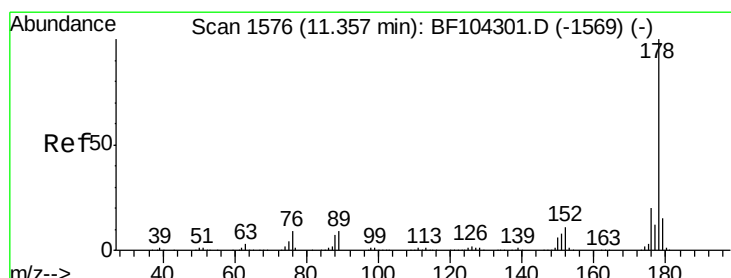
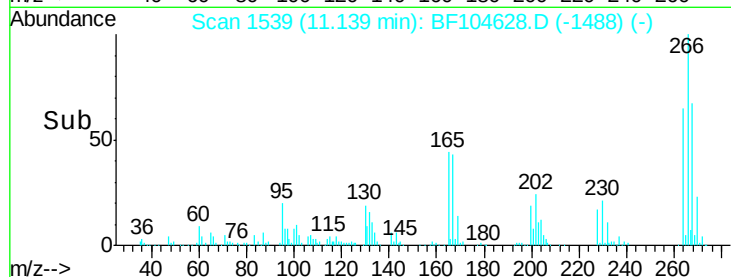
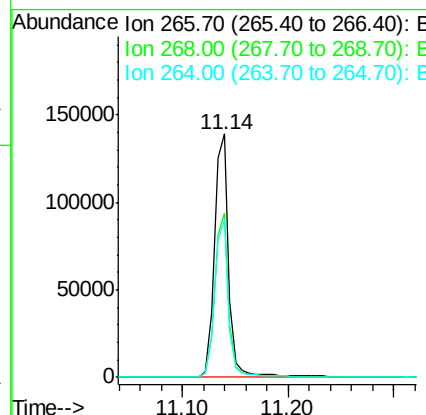
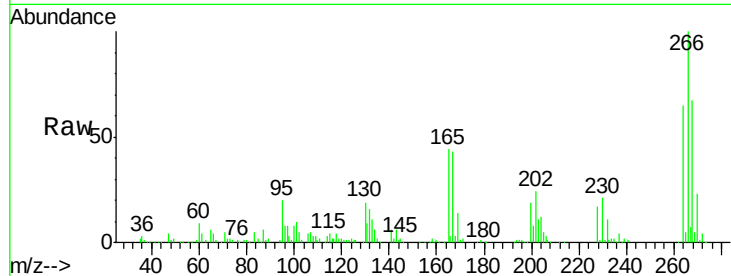
#69  
 Pentachlorophenol  
 Concen: 58.614 ng  
 RT: 11.14 min Scan# 1539  
 Delta R.T. -0.00 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 133621 |       |       |
| 268     | 67.4  | 51.1   | 76.7  |       |
| 264     | 65.0  | 49.5   | 74.3  |       |

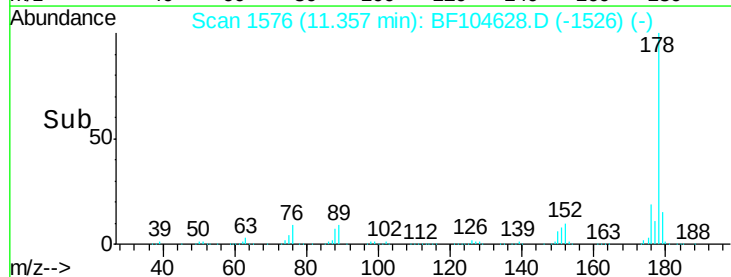
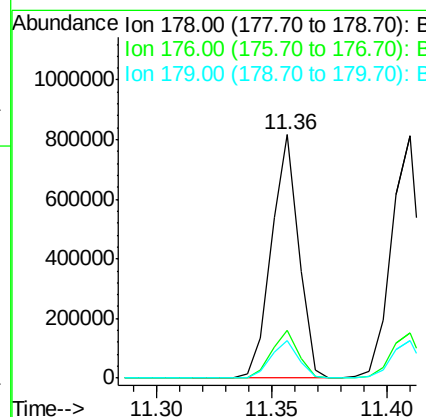
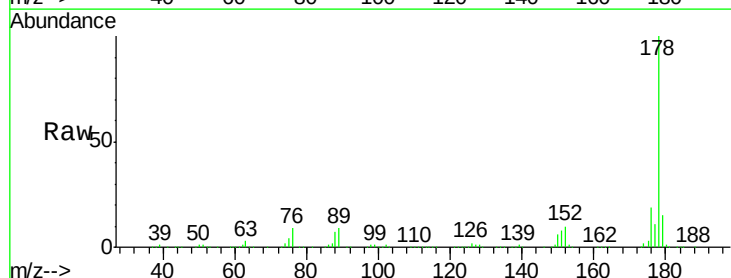
Manual Integrations  
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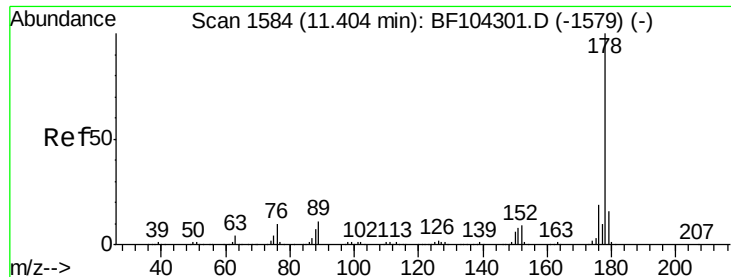
Sohil  
 4/20/2018 3:05:08 PM



#70  
 Phenanthrene  
 Concen: 39.095 ng  
 RT: 11.36 min Scan# 1576  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 670305 |       |       |
| 176     | 19.4  | 15.8   | 23.8  |       |
| 179     | 15.4  | 13.0   | 19.6  |       |





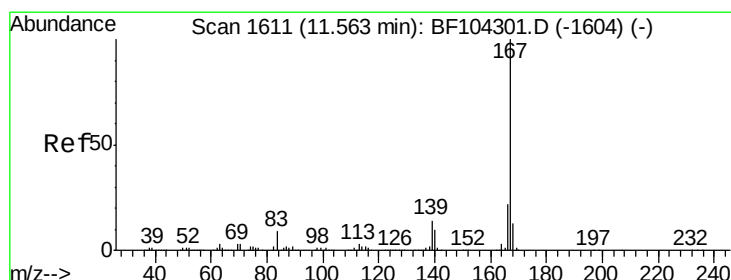
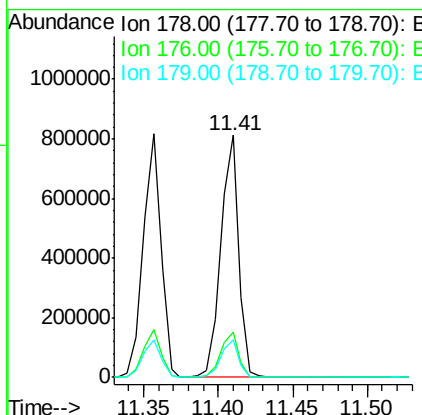
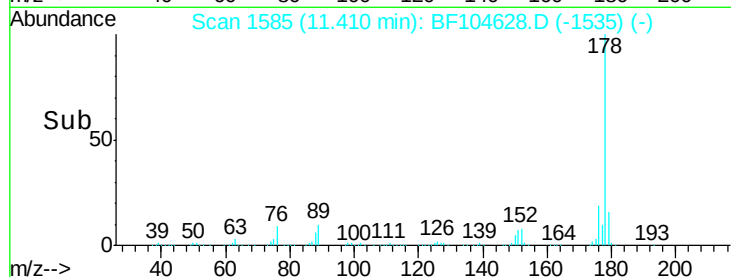
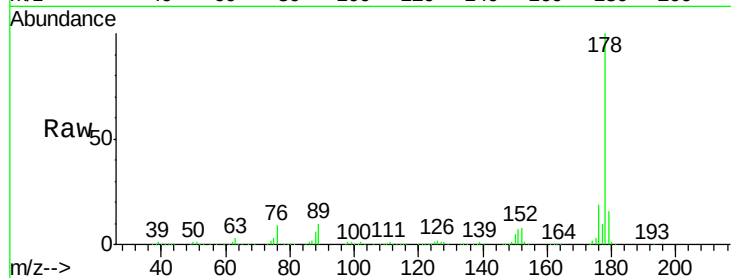
#71  
 Anthracene  
 Concen: 39.391 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.4  | 23.2  |
| 179     | 15.6  | 12.6  | 19.0  |

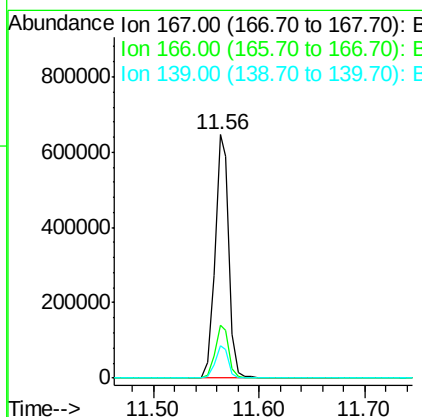
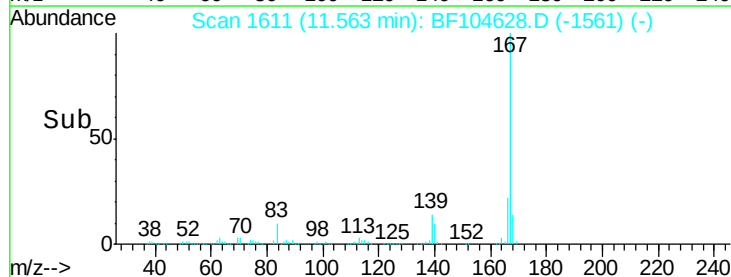
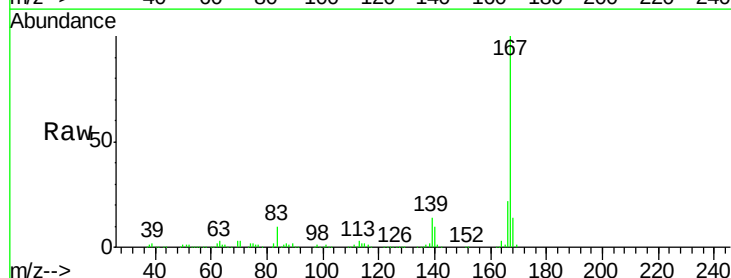
Manual Integrations  
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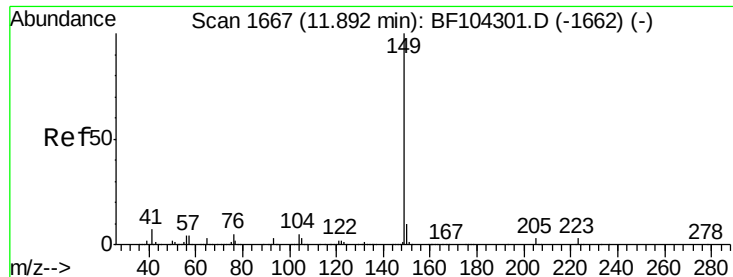


#72  
 Carbazole  
 Concen: 35.402 ng  
 RT: 11.56 min Scan# 1611  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 17.6  | 26.4  |
| 139     | 13.5  | 10.9  | 16.3  |







#73

Di-n-butylphthalate

Concen: 36.694 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

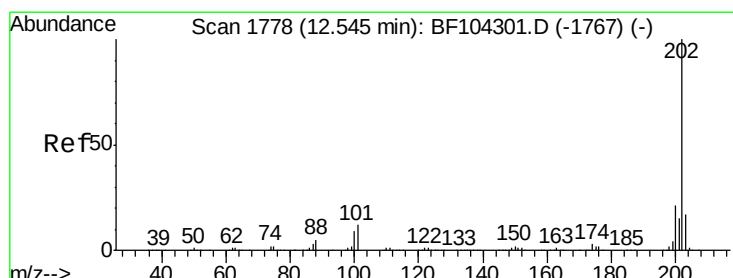
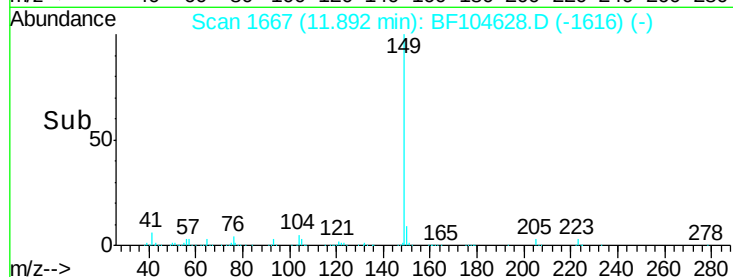
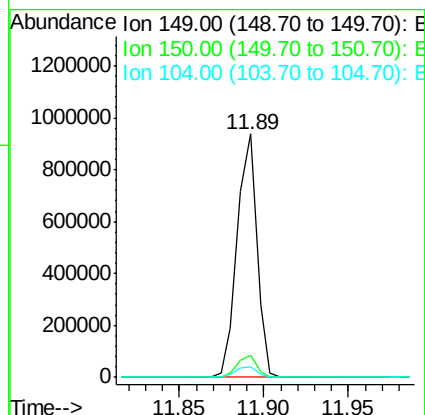
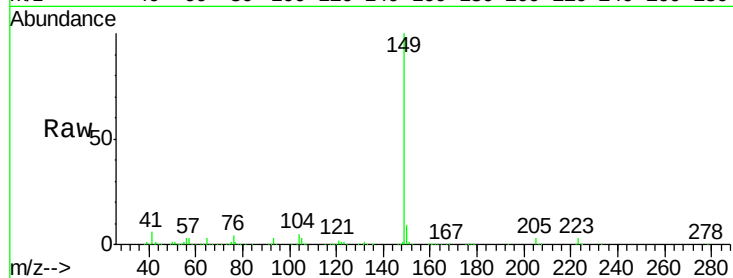
ClientSampleId :

PB108328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 763391 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.1   | 7.8   | 11.6   |
| 104       | 4.5   | 3.8   | 5.8    |

Manual Integrations  
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4/20/2018 3:05:08 PM



#74

Fluoranthene

Concen: 37.169 ng

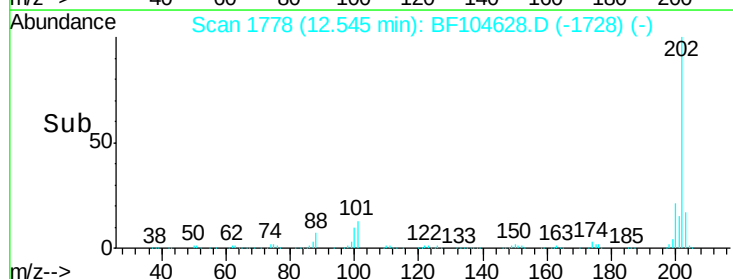
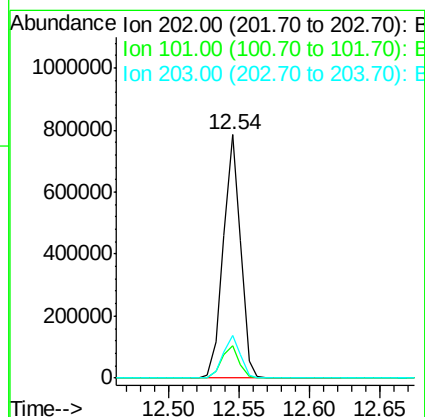
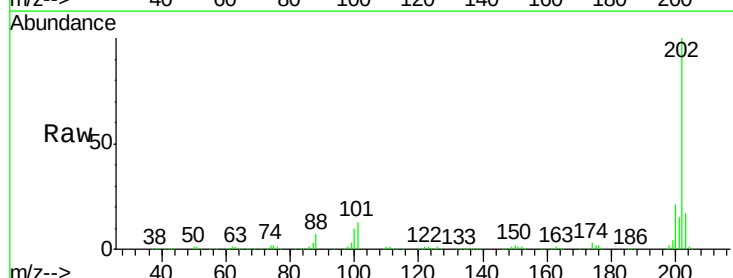
RT: 12.54 min Scan# 1778

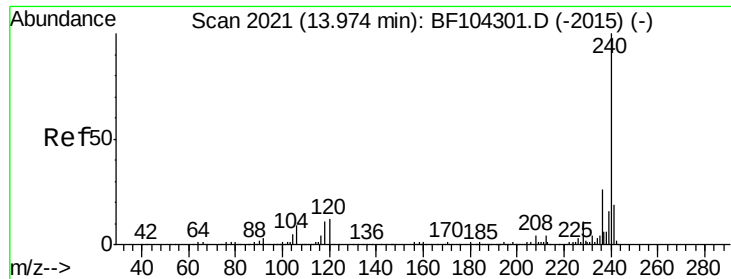
Delta R.T. -0.01 min

Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 665846 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.3  | 0.0   | 34.1   |
| 203       | 17.4  | 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: BF104628.D

Acq: 19 Apr 2018 13:52

Instrument :

BNA\_F

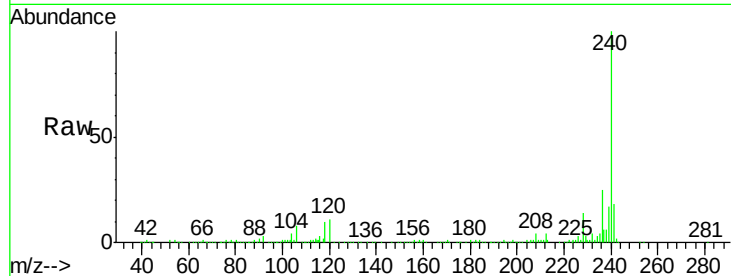
ClientSampleId :

PB108328BS

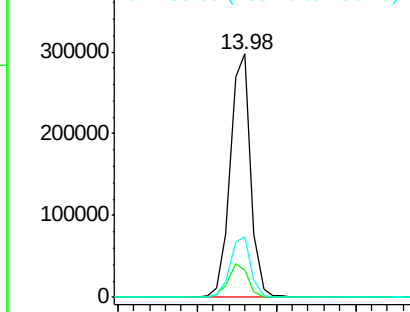
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 264534 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.4  | 9.5   | 14.3   |
| 236       | 25.0  | 20.7  | 31.1   |

Manual Integrations  
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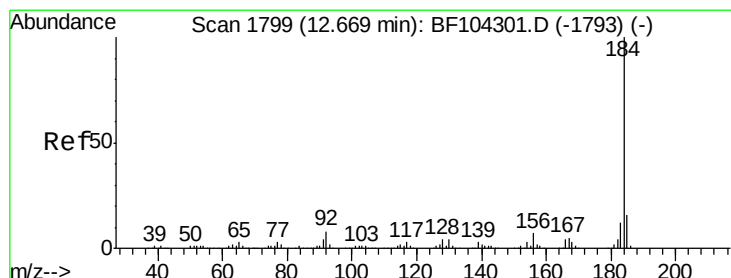
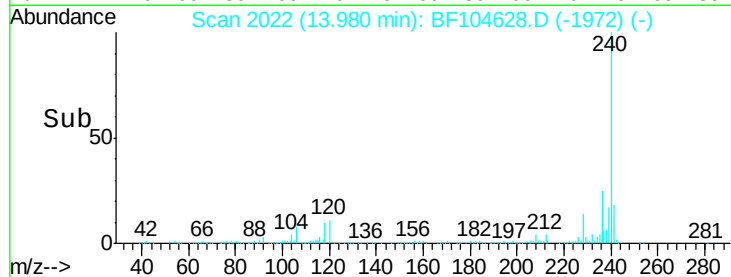
Sohil  
4/20/2018 3:05:08 PM



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



Time--> 13.90 13.95 14.00 14.05



#76

Benzidine

Concen: 21.745 ng

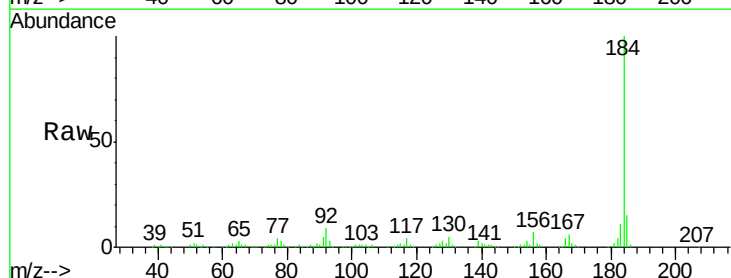
RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

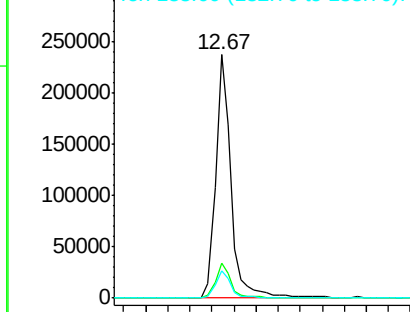
Lab File: BF104628.D

Acq: 19 Apr 2018 13:52

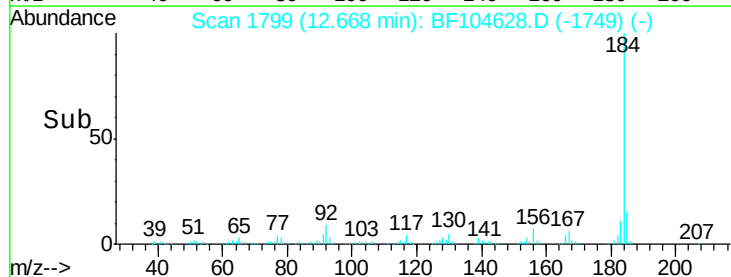
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 227600 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.6  | 12.6  | 18.8   |
| 183       | 11.1  | 9.3   | 13.9   |

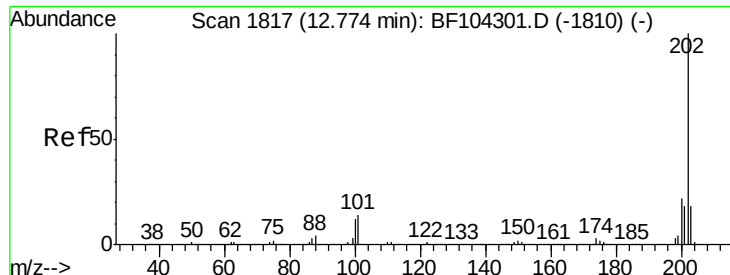


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.70 12.80





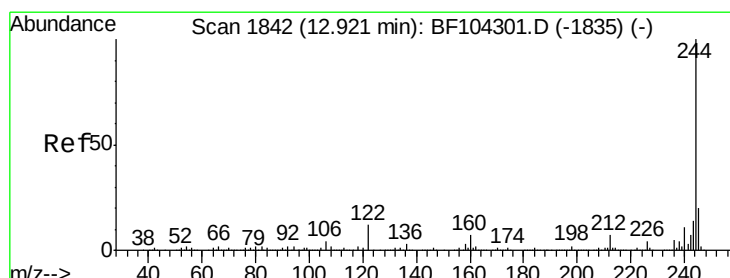
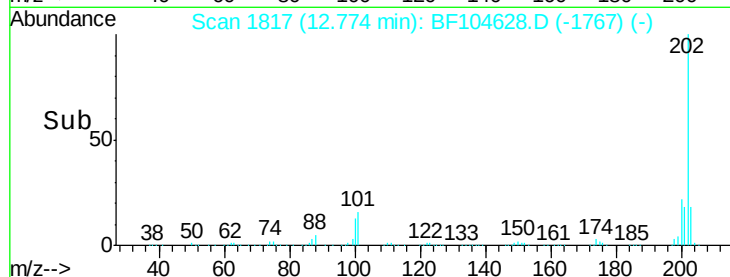
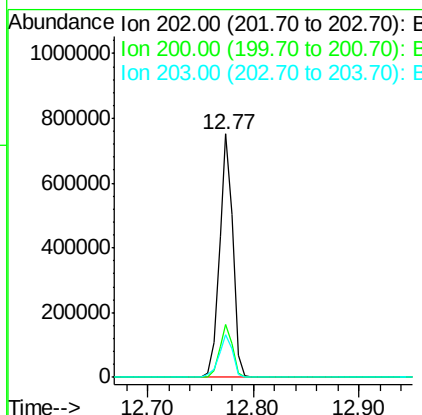
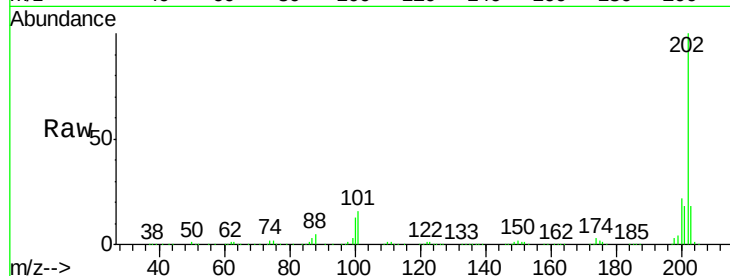
#77  
Pvrene  
Concen: 34.201 ng  
RT: 12.77 min Scan# 1817  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 670614 |       |       |
| 200     | 21.6  |        | 17.4  | 26.2  |
| 203     | 17.5  |        | 14.3  | 21.5  |

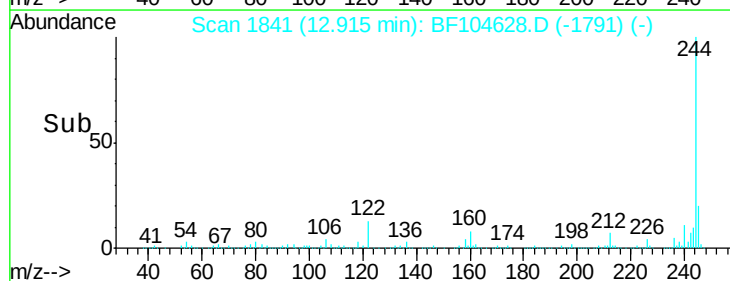
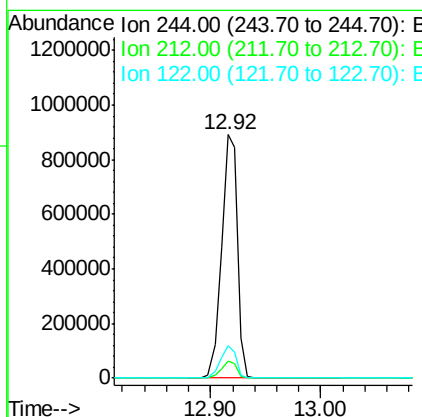
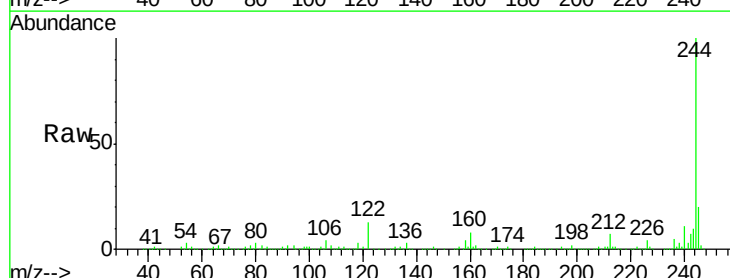
Manual Integrations  
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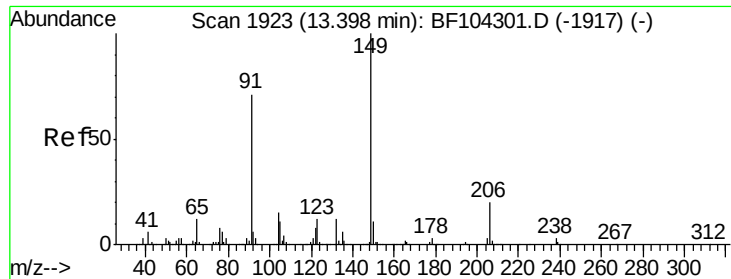
Sohil  
4/20/2018 3:05:08 PM



#78  
Terphenyl-d14  
Concen: 76.644 ng  
RT: 12.92 min Scan# 1841  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 889314 |       |       |
| 212     | 7.0   |        | 5.4   | 8.0   |
| 122     | 13.4  |        | 11.0  | 16.4  |





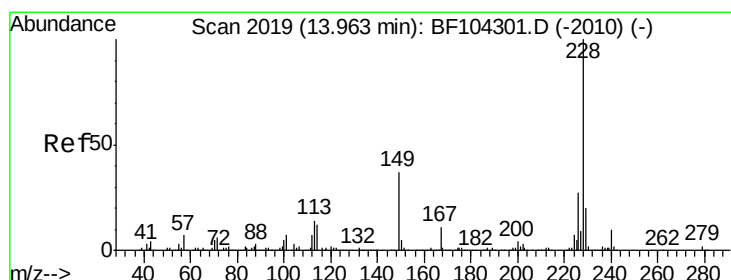
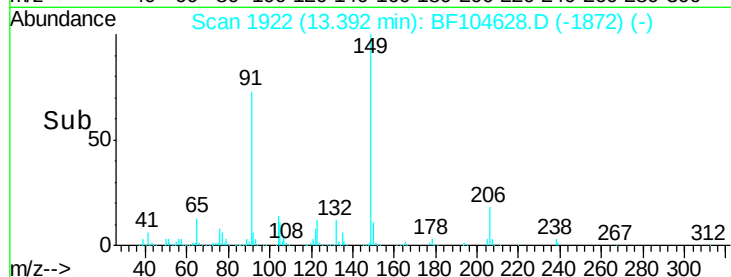
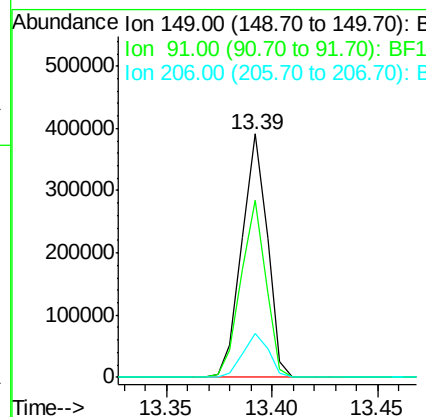
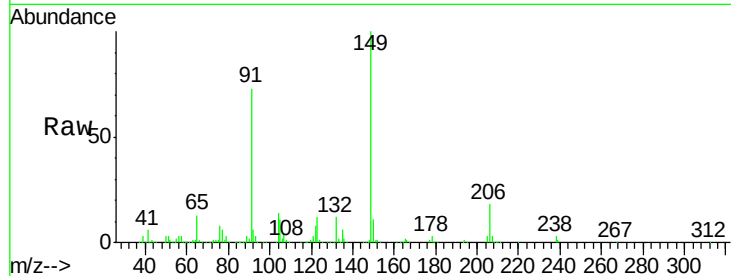
#79  
Butylbenzylphthalate  
Concen: 35.274 ng  
RT: 13.39 min Scan# 1922  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampled :  
PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 325848 |       |       |
| 91      | 72.9  | 56.8   | 85.2  |       |
| 206     | 18.1  | 14.1   | 21.1  |       |

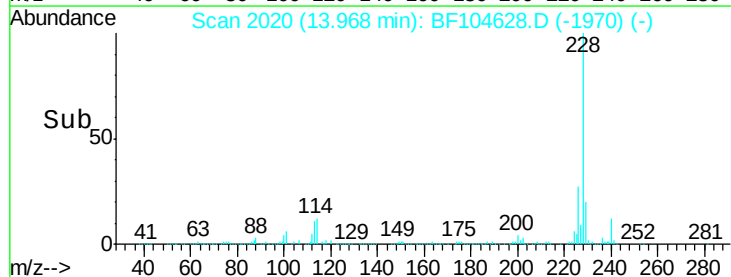
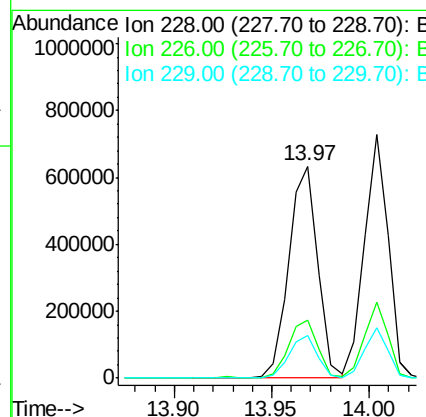
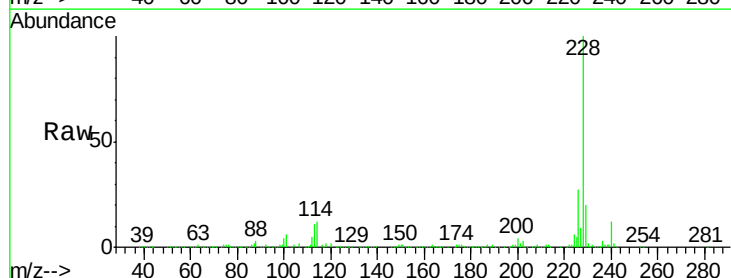
Manual Integrations  
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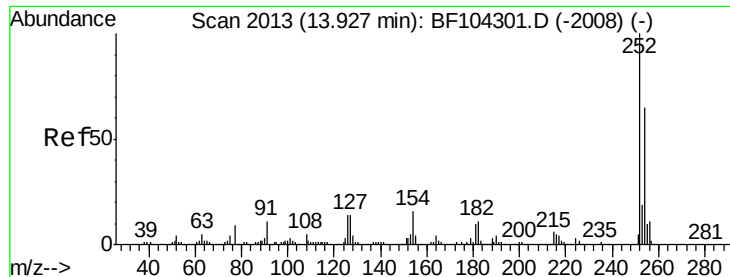
Sohil  
4/20/2018 3:05:08 PM



#80  
Benzo(a)anthracene  
Concen: 41.013 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 648156 |       |       |
| 226     | 27.1  | 22.6   | 33.8  |       |
| 229     | 19.9  | 15.8   | 23.6  |       |





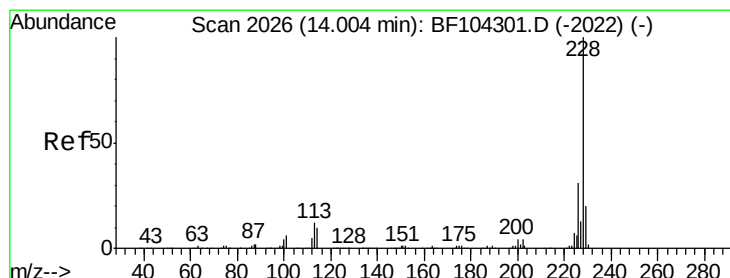
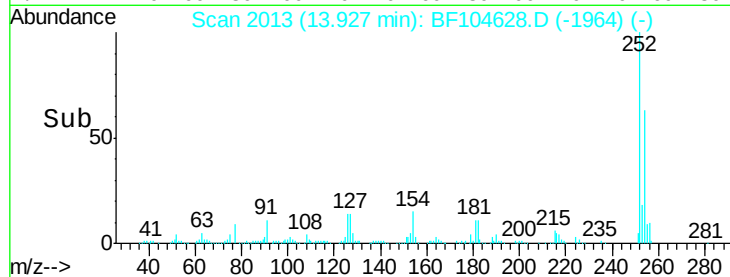
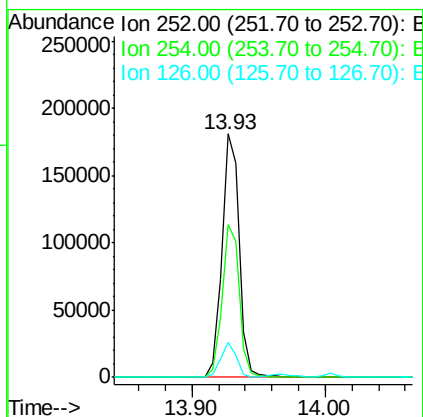
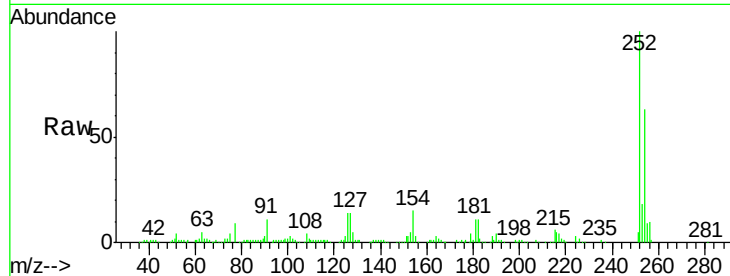
#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.181 ng  
 RT: 13.93 min Scan# 2013  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 166053 |       |       |
| 254     | 62.6  |        | 50.4  | 75.6  |
| 126     | 14.3  |        | 11.3  | 16.9  |

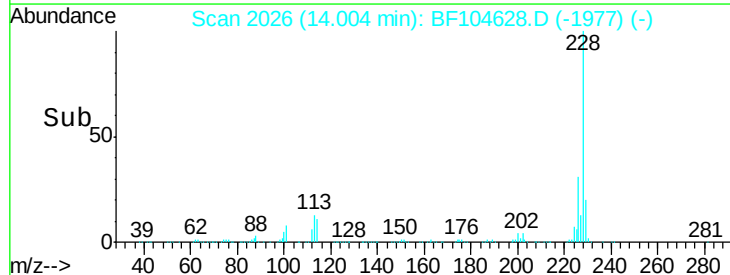
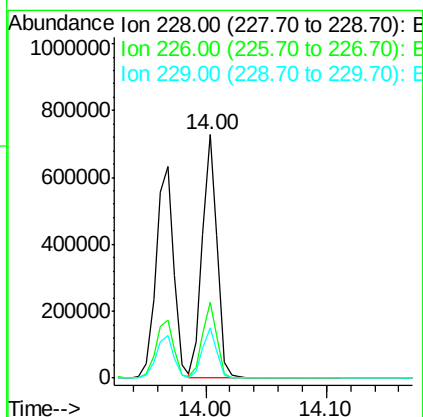
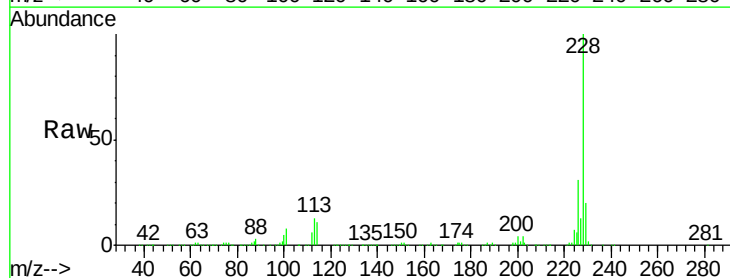
Manual Integrations  
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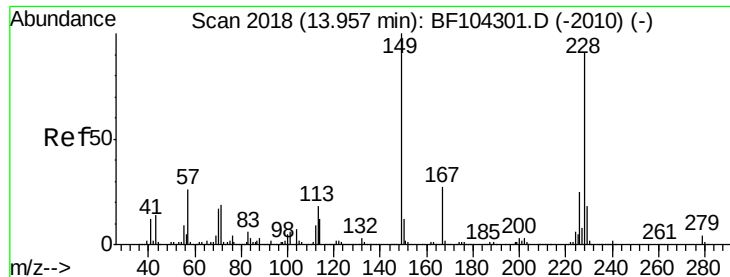
Sohil  
 4/20/2018 3:05:08 PM



#82  
 Chrysene  
 Concen: 38.260 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 621063 |       |       |
| 226     | 31.0  |        | 25.0  | 37.6  |
| 229     | 20.4  |        | 16.2  | 24.4  |





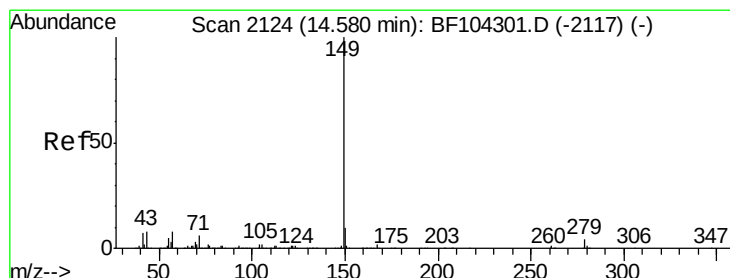
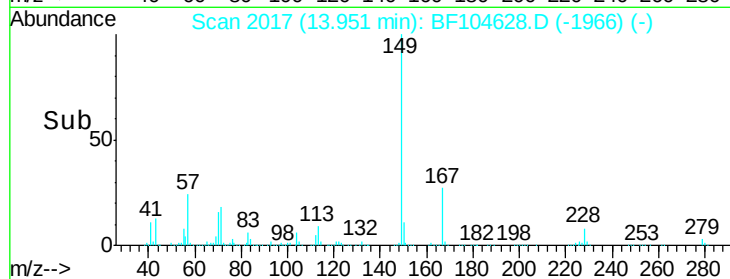
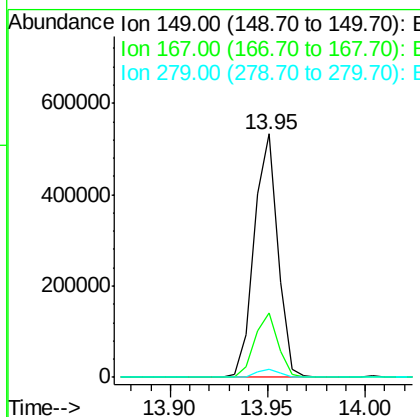
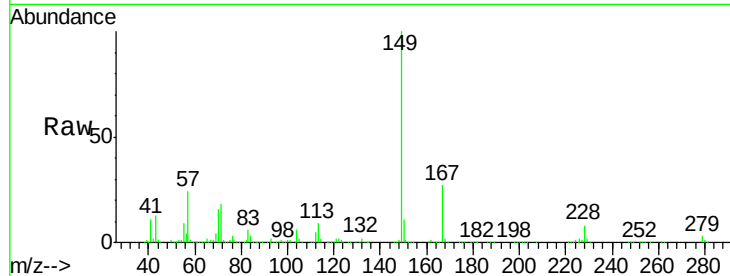
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.687 ng  
 RT: 13.95 min Scan# 2017  
 Delta R.T. -0.00 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 447801 |       |       |
| 167     | 26.7  | 21.3   | 31.9  |       |
| 279     | 3.5   | 3.0    | 4.4   |       |

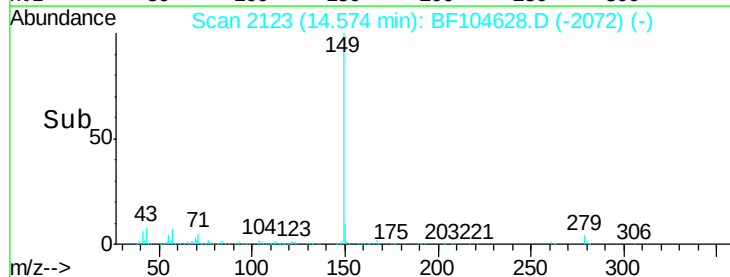
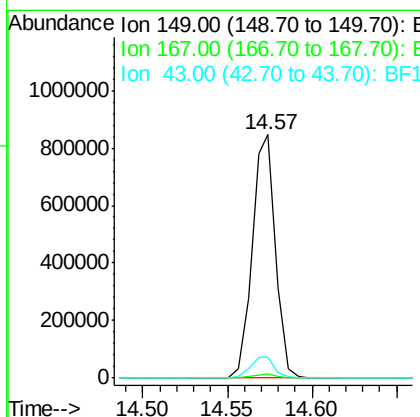
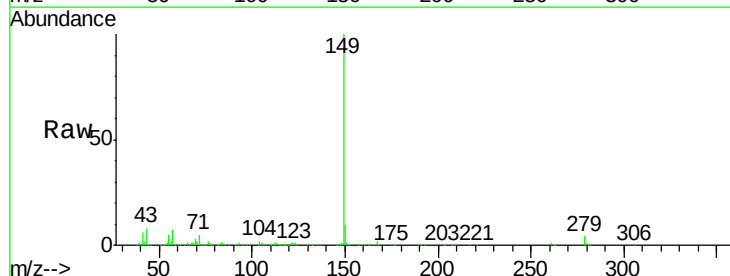
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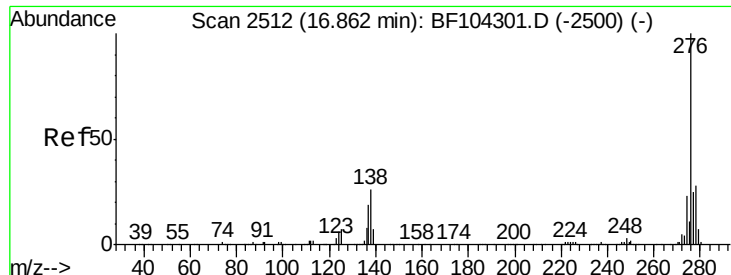
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#84  
 Di-n-octyl phthalate  
 Concen: 40.750 ng  
 RT: 14.57 min Scan# 2123  
 Delta R.T. -0.00 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 809032 |       |       |
| 167     | 1.6   | 1.2    | 1.8   |       |
| 43      | 8.5   | 8.4    | 12.6  |       |





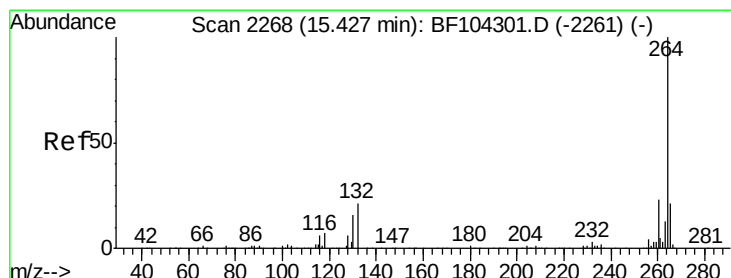
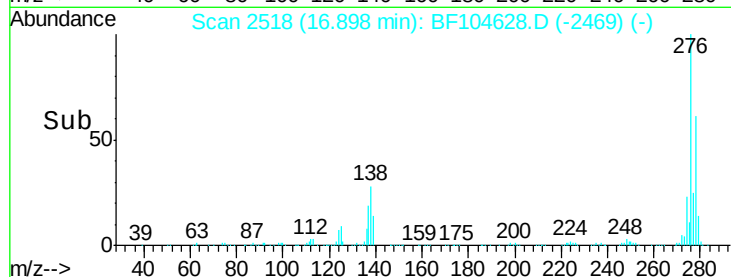
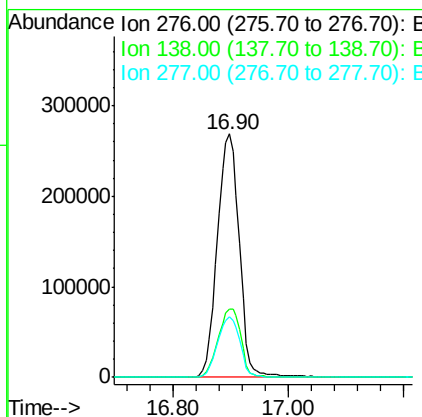
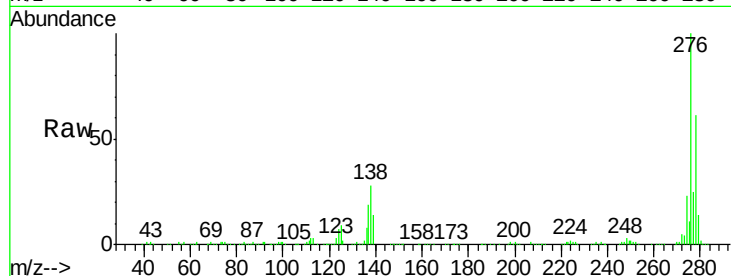
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 51.464 ng  
RT: 16.90 min Scan# 2518  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.2  | 25.0  | 37.6  |
| 277     | 25.6  | 20.1  | 30.1  |

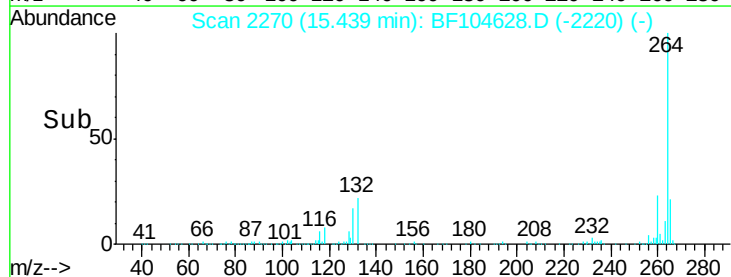
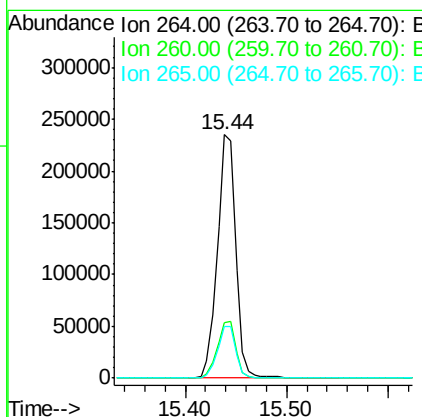
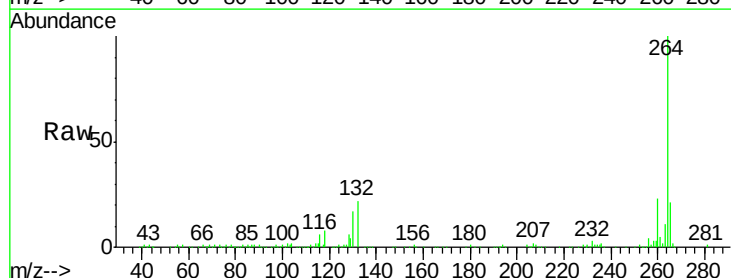
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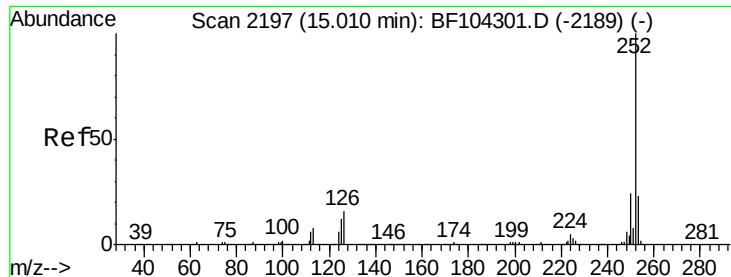
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.44 min Scan# 2270  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.2  | 28.8  |
| 265     | 21.0  | 17.5  | 26.3  |





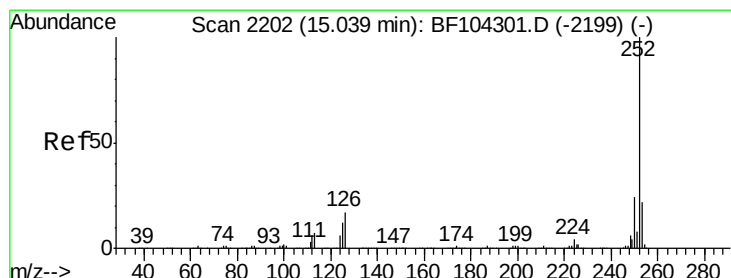
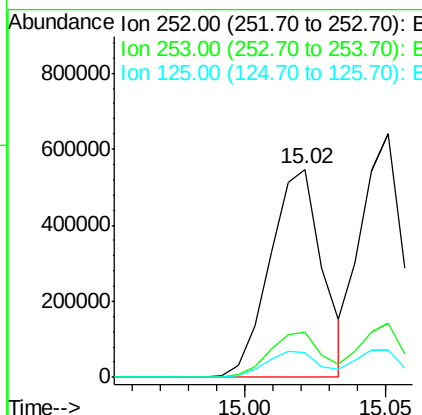
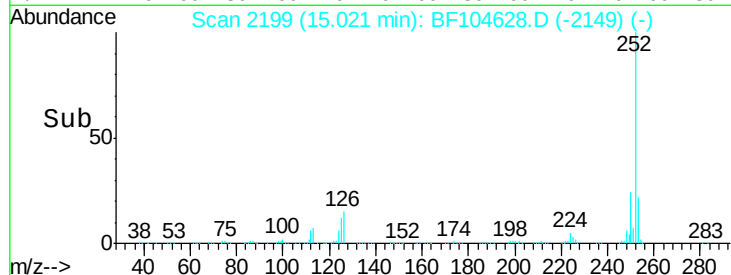
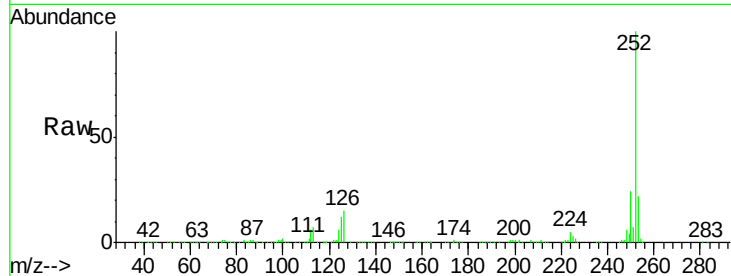
#87  
Benzo(b)fluoranthene  
Concen: 37.655 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.0  | 25.6  |
| 125     | 11.8  | 9.0   | 13.6  |

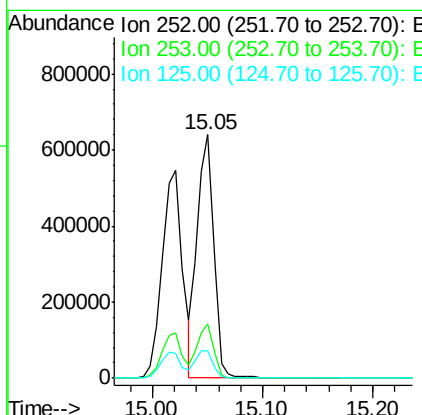
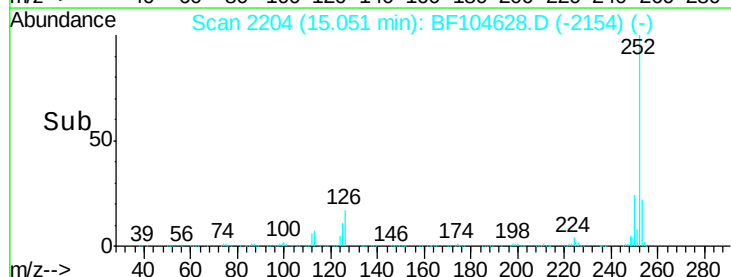
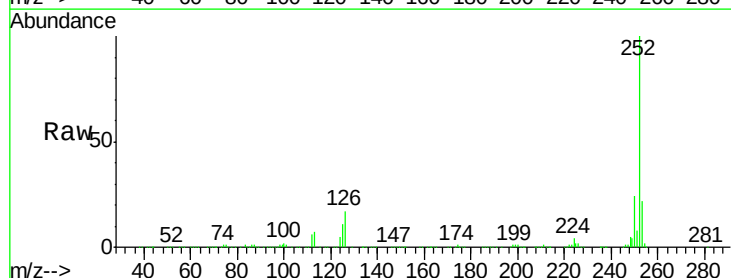
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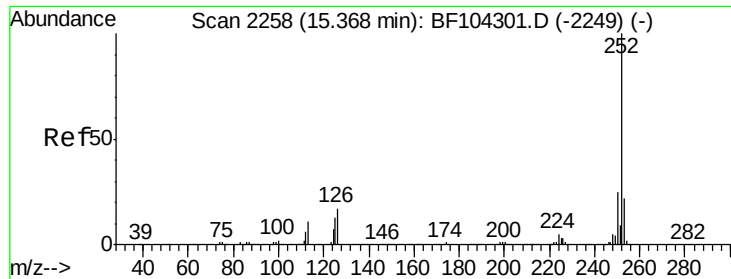


#88  
Benzo(k)fluoranthene  
Concen: 36.887 ng  
RT: 15.05 min Scan# 2204  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.9  | 26.9  |
| 125     | 11.3  | 10.2  | 15.2  |







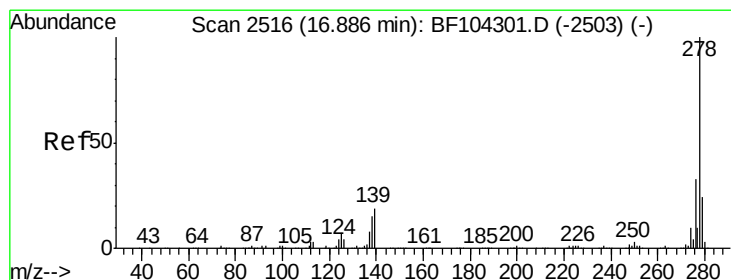
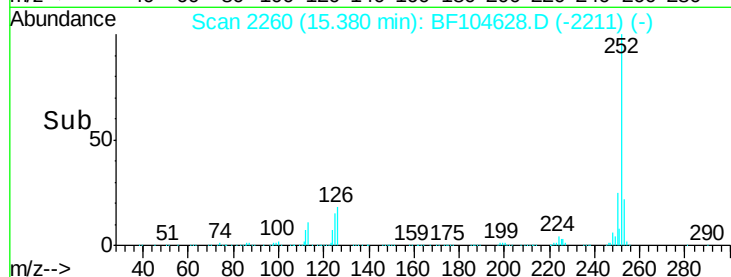
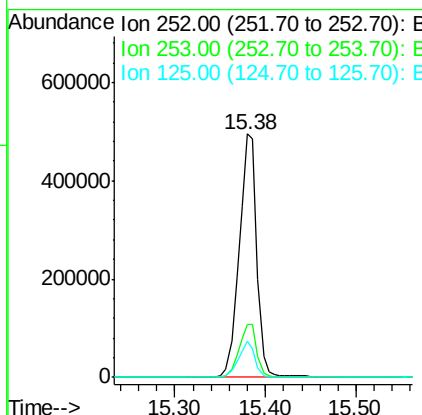
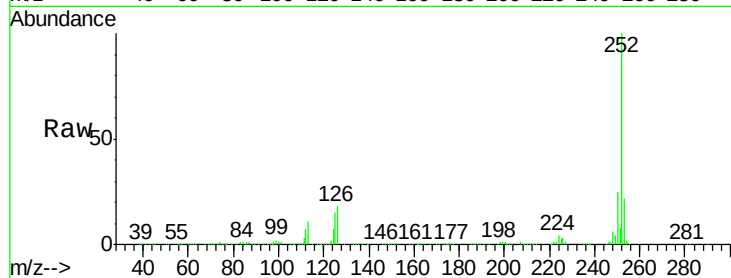
#89  
Benzo(a)pyrene  
Concen: 40.237 ng  
RT: 15.38 min Scan# 2260  
Delta R.T. -0.01 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB108328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.1  | 25.7  |
| 125     | 14.9  | 9.8   | 14.6  |

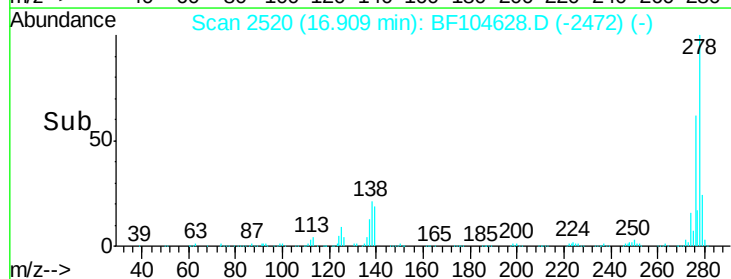
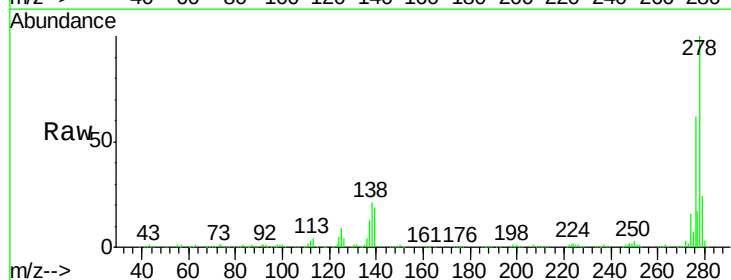
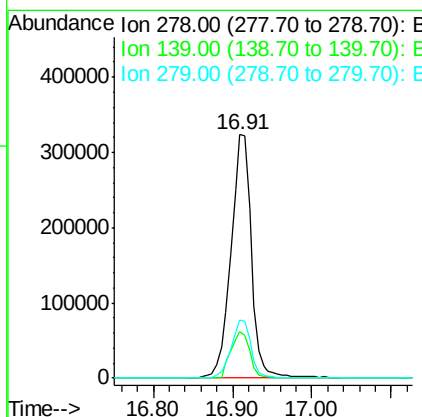
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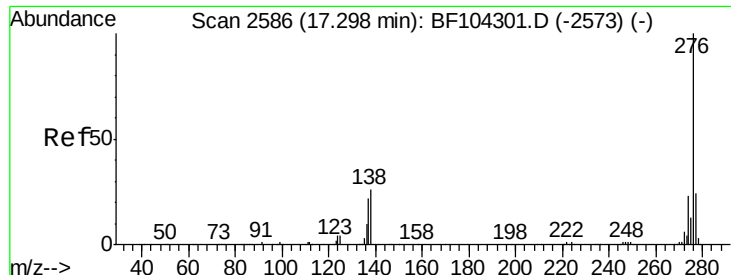
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#90  
Dibenzo(a,h)anthracene  
Concen: 42.082 ng  
RT: 16.91 min Scan# 2520  
Delta R.T. -0.02 min  
Lab File: BF104628.D  
Acq: 19 Apr 2018 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.1  | 15.9  | 23.9  |
| 279     | 24.1  | 19.0  | 28.4  |





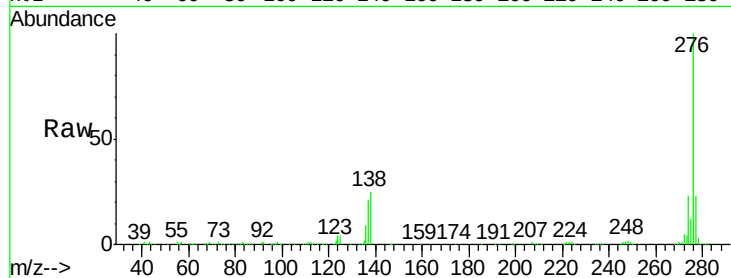
#91  
 Benzo(a,h,i)perylene  
 Concen: 43.451 ng  
 RT: 17.34 min Scan# 2593  
 Delta R.T. -0.01 min  
 Lab File: BF104628.D  
 Acq: 19 Apr 2018 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108328BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 578954 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 22.9 | 17.9  | 26.9   |
| 138       | 24.6 | 21.8  | 32.8   |

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

