

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\  
 Data File : BF103659.D  
 Acq On : 14 Mar 2018 23:32  
 Operator : SJ/JU  
 Sample : PB107370BSD  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

Manual Integrations  
 APPROVED

Sohil  
 3/15/2018 6:58:00 PM

Quant Time: Mar 15 11:16:45 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 14 18:08:29 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 123061   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 522542   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.90  | 164  | 225935   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.40 | 188  | 350042   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.06 | 240  | 192132   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.57 | 264  | 188372   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 719548  | 88.43  | ng | 0.00 |
| 7) Phenol-d6             | 6.50  | 99  | 854950  | 85.87  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.43  | 82  | 797487  | 87.16  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 140348  | 73.39  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.22  | 172 | 1183086 | 91.95  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.98 | 244 | 820356  | 102.64 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.70 | 88  | 149852  | 34.870 | ng | 96     |
| 3) Pyridine                    | 3.51 | 79  | 286840  | 25.001 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.48 | 42  | 192501m | 41.603 | ng |        |
| 6) Aniline                     | 6.53 | 93  | 266350  | 18.536 | ng | # 51   |
| 8) 2-Chlorophenol              | 6.65 | 128 | 370734  | 43.860 | ng | 89     |
| 9) Benzaldehyde                | 6.43 | 77  | 139423  | 19.933 | ng | 97     |
| 10) Phenol                     | 6.52 | 94  | 505078  | 43.698 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 424036m | 48.337 | ng |        |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 371411  | 38.450 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 415721  | 42.927 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 338532  | 37.910 | ng | 99     |
| 15) Benzyl Alcohol             | 7.02 | 79  | 276338  | 36.832 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 590317  | 39.187 | ng | 54     |
| 17) 2-Methylphenol             | 7.12 | 107 | 293634  | 38.226 | ng | # 76   |
| 18) Hexachloroethane           | 7.36 | 117 | 124585  | 35.338 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 279205  | 45.058 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 400692  | 42.792 | ng | # 75   |
| 22) Acetophenone               | 7.27 | 105 | 529765  | 43.434 | ng | 94     |
| 24) Nitrobenzene               | 7.45 | 77  | 400956  | 39.801 | ng | 97     |
| 25) Isophorone                 | 7.68 | 82  | 772180  | 42.849 | ng | 97     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 184295  | 38.860 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 329282  | 45.424 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 486686  | 45.934 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 301154  | 43.392 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 288977  | 39.100 | ng | 99     |
| 31) Naphthalene                | 8.16 | 128 | 1055670 | 41.265 | ng | 99     |
| 32) Benzoic acid               | 7.95 | 122 | 118346m | 25.749 | ng |        |
| 33) 4-Chloroaniline            | 8.25 | 127 | 125769  | 11.393 | ng | # 95   |
| 34) Hexachlorobutadiene        | 8.26 | 225 | 138526  | 35.993 | ng | 99     |
| 35) Caprolactam                | 8.60 | 113 | 90488m  | 37.097 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 333601  | 42.615 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 663578  | 40.135 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 249710  | 40.428 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.99 | 237 | 17300   | 15.946 | ng | 98     |

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 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

Manual Integrations  
 APPROVED

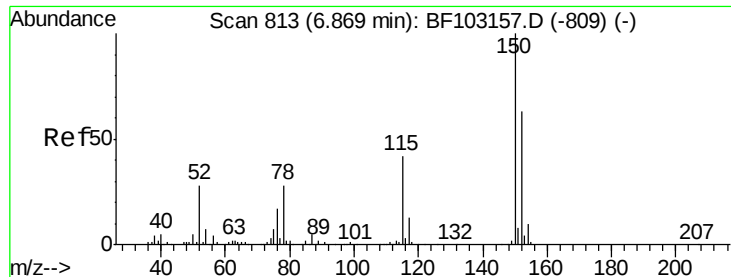
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 3/15/2018 6:58:00 PM

Quant Time: Mar 15 11:16:45 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 14 18:08:29 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.15  | 196  | 166847   | 40.145 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.20  | 196  | 163919   | 34.292 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.32  | 154  | 762412   | 40.271 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.35  | 162  | 603353   | 40.283 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.46  | 65   | 246144   | 44.365 | nq    | 89       |
| 48) Acenaphthylene             | 9.76  | 152  | 887638   | 38.517 | nq    | 100      |
| 49) Dimethylphthalate          | 9.62  | 163  | 699370   | 38.586 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.69  | 165  | 146394   | 38.489 | nq    | # 73     |
| 51) Acenaphthene               | 9.93  | 154  | 509859   | 37.942 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.88  | 138  | 117758   | 24.402 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 10.02 | 184  | 20371    | 22.665 | nq    | # 30     |
| 54) Dibenzofuran               | 10.10 | 168  | 756180   | 40.993 | nq    | 92       |
| 55) 4-Nitrophenol              | 10.07 | 139  | 76387    | 25.540 | nq    | 90       |
| 56) 2,4-Dinitrotoluene         | 10.12 | 165  | 181911   | 37.816 | nq    | # 84     |
| 57) Fluorene                   | 10.45 | 166  | 593332   | 37.758 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 125035   | 38.938 | nq    | # 96     |
| 59) Diethylphthalate           | 10.31 | 149  | 684611   | 39.493 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204  | 274137   | 41.138 | nq    | 96       |
| 61) 4-Nitroaniline             | 10.50 | 138  | 152052   | 31.546 | nq    | 99       |
| 62) Azobenzene                 | 10.60 | 77   | 777487   | 44.063 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 29784    | 17.489 | nq    | # 80     |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 553625   | 45.424 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.93 | 248  | 153509   | 42.099 | nq    | 96       |
| 67) Hexachlorobenzene          | 11.00 | 284  | 153890   | 38.883 | nq    | 97       |
| 68) Atrazine                   | 11.09 | 200  | 155067   | 42.330 | nq    | 98       |
| 69) Pentachlorophenol          | 11.21 | 266  | 90249    | 47.160 | nq    | 97       |
| 70) Phenanthrene               | 11.42 | 178  | 763587   | 39.638 | nq    | 98       |
| 71) Anthracene                 | 11.47 | 178  | 842675   | 42.659 | nq    | 99       |
| 72) Carbazole                  | 11.64 | 167  | 800034   | 40.670 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.94 | 149  | 1038748  | 42.200 | nq    | 99       |
| 74) Fluoranthene               | 12.62 | 202  | 716042   | 36.989 | nq    | 99       |
| 76) Benzdine                   | 12.75 | 184  | 443198   | 61.702 | nq    | 97       |
| 77) Pyrene                     | 12.85 | 202  | 684050   | 45.665 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.44 | 149  | 390658   | 49.360 | nq    | 97       |
| 80) Benzo(a)anthracene         | 14.04 | 228  | 476622   | 38.233 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 180536   | 40.580 | nq    | 98       |
| 82) Chrysene                   | 14.08 | 228  | 516824   | 42.697 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 504994   | 47.283 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 14.62 | 149  | 816538   | 47.319 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.12 | 276  | 444354   | 46.370 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 15.12 | 252  | 445968   | 36.008 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.14 | 252  | 497441   | 42.652 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.50 | 252  | 452963   | 40.955 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.11 | 278  | 381063   | 44.588 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.59 | 276  | 354796   | 42.477 | nq    | 97       |

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





#1

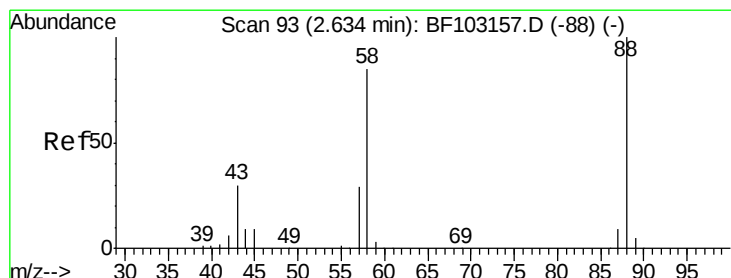
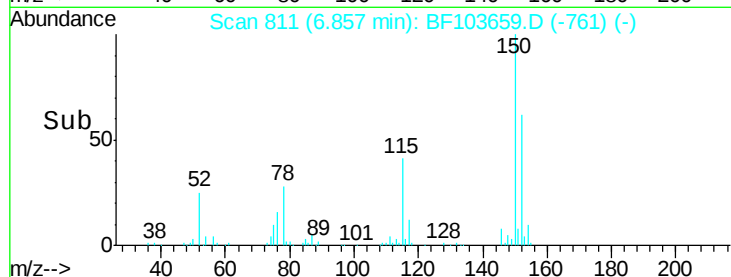
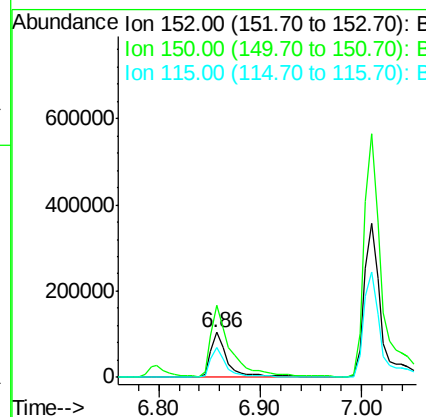
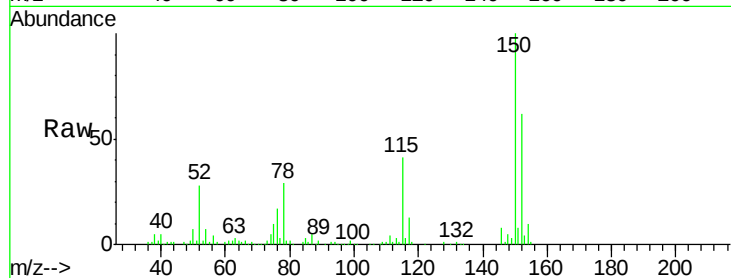
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.3 | 124.6 | 186.8 |
| 115     | 65.9  | 50.1  | 75.1  |

Manual Integrations  
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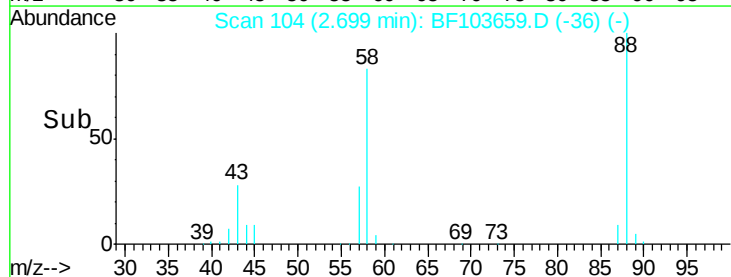
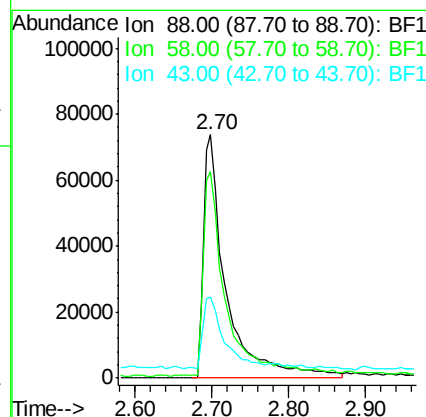
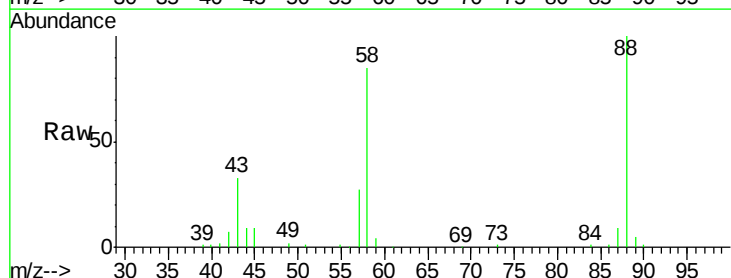
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3/15/2018 6:58:00 PM

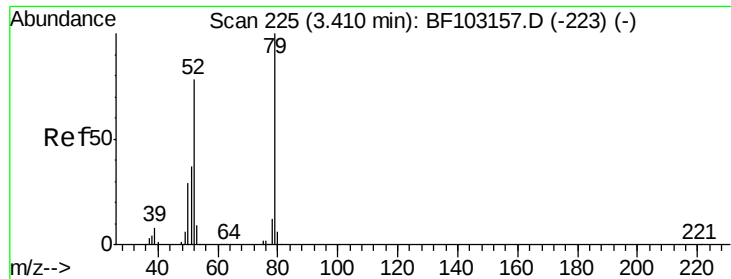


#2

1,4-Dioxane  
Concen: 34.870 ng  
RT: 2.70 min Scan# 104  
Delta R.T. 0.10 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.5  | 62.6  | 93.8  |
| 43      | 28.0  | 24.6  | 37.0  |





#3

Pvridine

Concen: 25.001 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.07 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

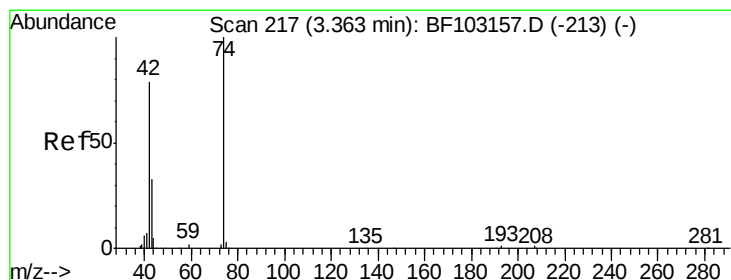
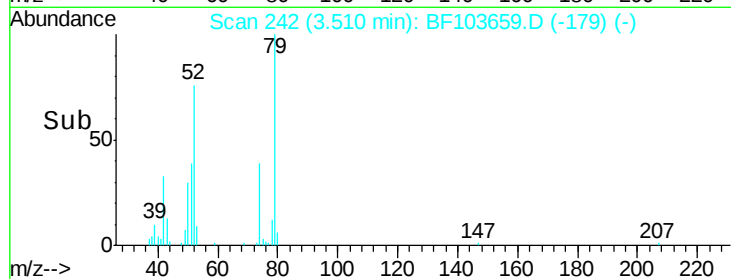
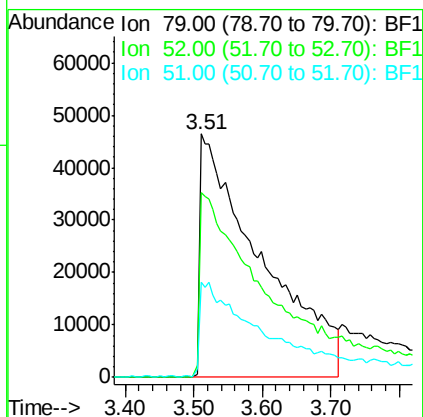
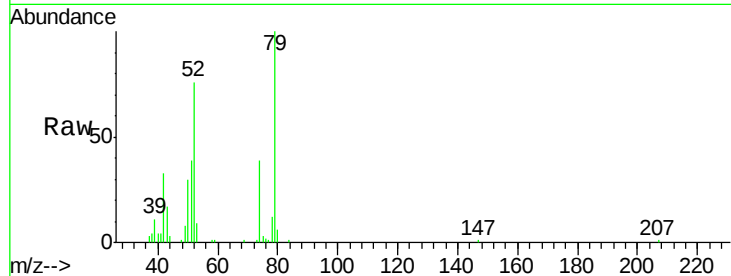
ClientSampleId :

PB107370BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 286840 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 75.8  | 59.8  | 89.6   |
| 51        | 38.9  | 29.8  | 44.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 41.603 ng m

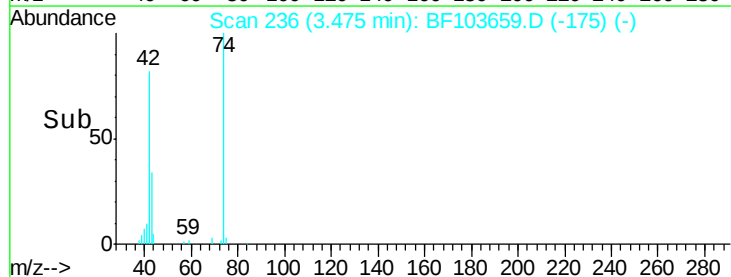
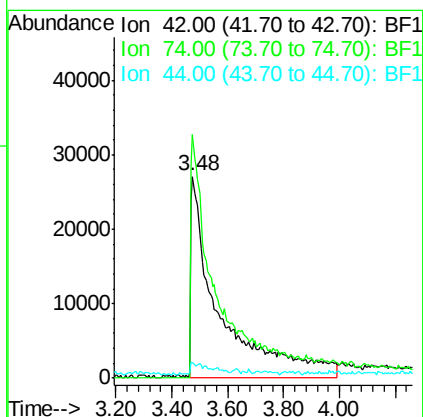
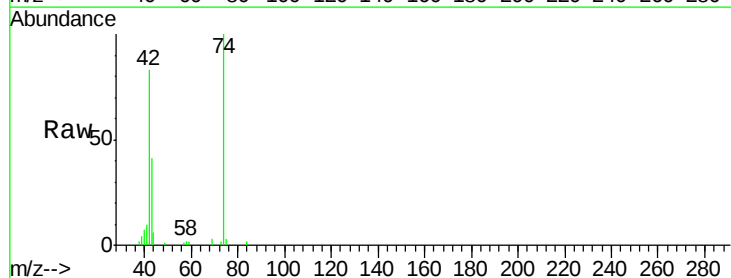
RT: 3.48 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 192501 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 120.8 | 104.9 | 157.3  |
| 44        | 7.8   | 6.9   | 10.3   |





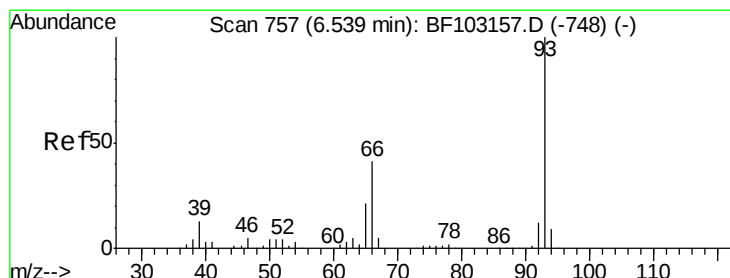
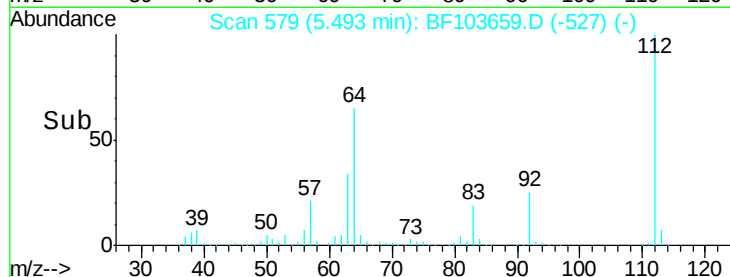
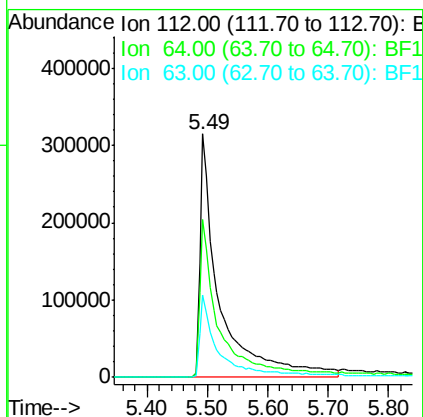
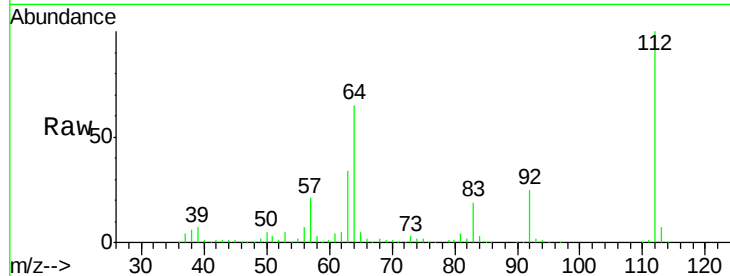
#5  
2-Fluorophenol  
Concen: 88.433 ng  
RT: 5.49 min Scan# 579  
Delta R.T. 0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 719548 |       |       |
| 64      | 64.7  | 47.9   | 71.9  |       |
| 63      | 34.0  | 23.7   | 35.5  |       |

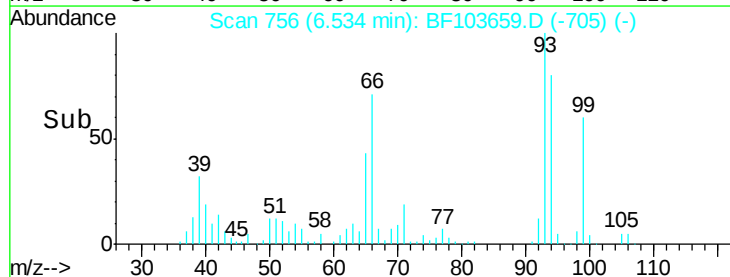
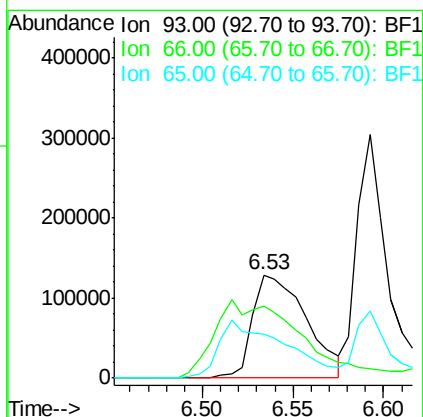
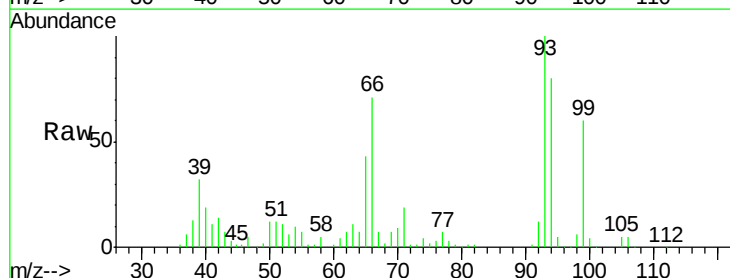
Manual Integrations  
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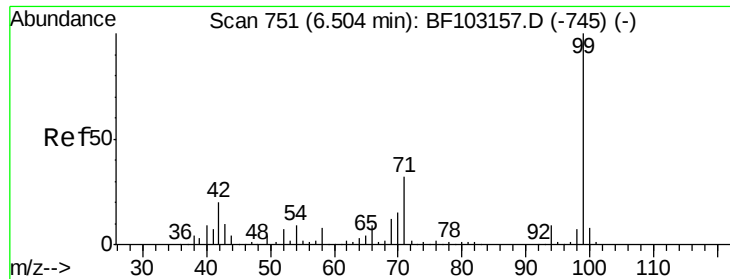
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3/15/2018 6:58:00 PM



#6  
Aniline  
Concen: 18.536 ng  
RT: 6.53 min Scan# 756  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 266350 |       |       |
| 66      | 70.6  | 32.2   | 48.2# |       |
| 65      | 42.8  | 16.4   | 24.6# |       |





#7

Phenol-d6

Concen: 85.869 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

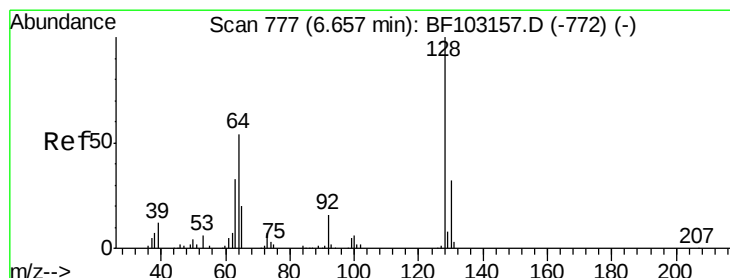
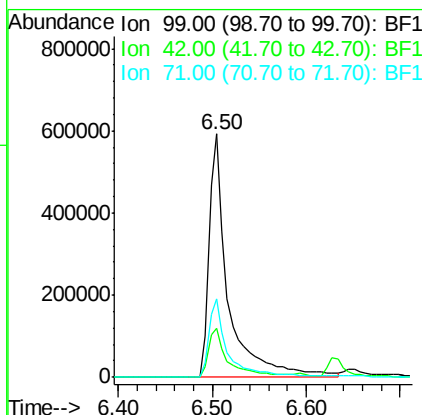
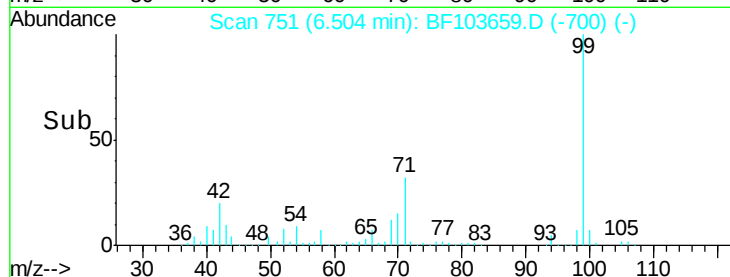
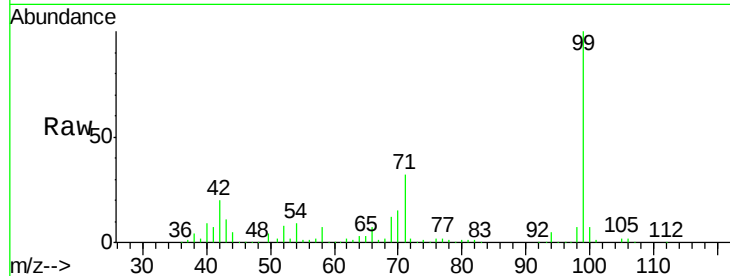
ClientSampleId :

PB107370BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 854950 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.1  | 14.5  | 21.7   |
| 71        | 32.1  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.860 ng

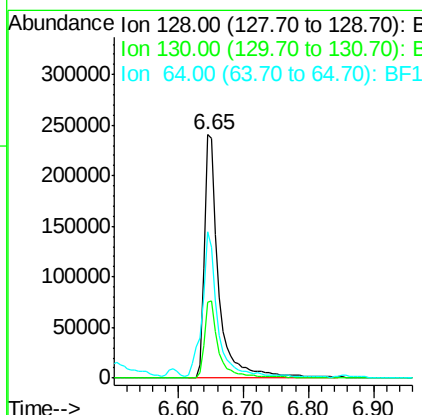
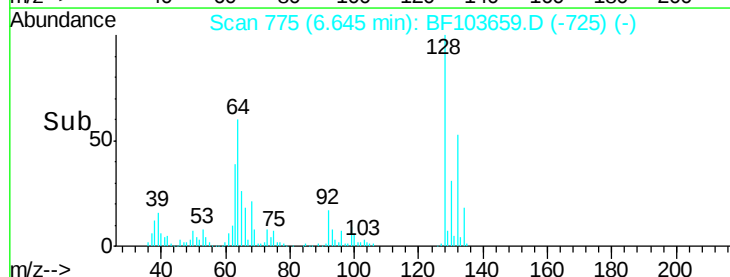
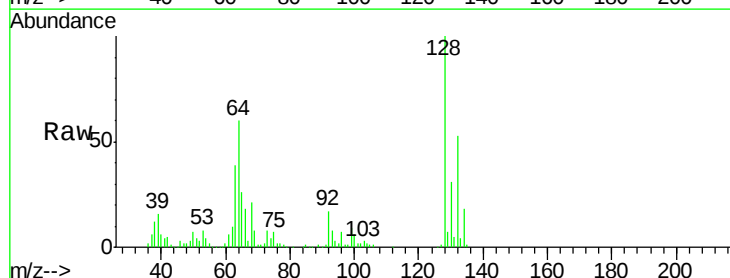
RT: 6.65 min Scan# 775

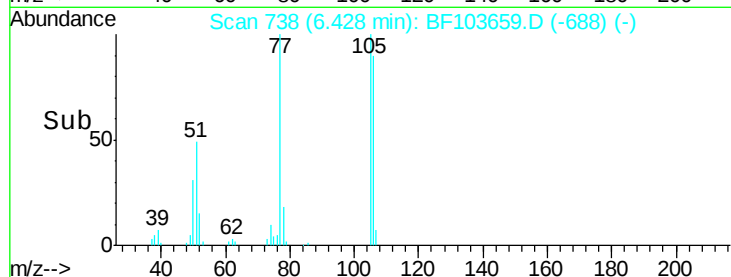
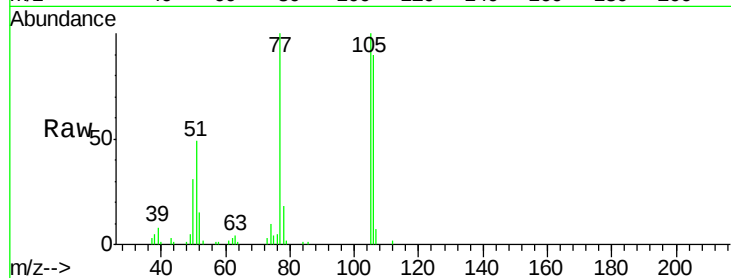
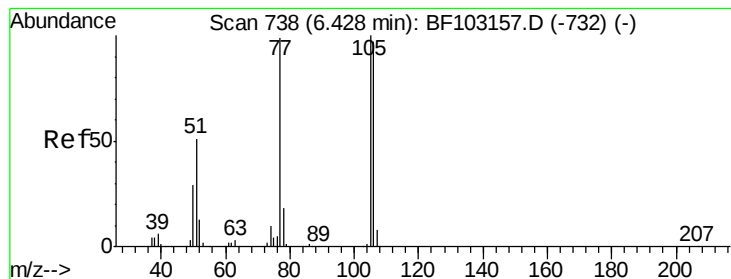
Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 370734 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.3  | 13.0  | 53.0   |
| 64        | 60.4  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 19.933 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 139423 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 100.1 | 81.1  | 121.1  |
| 106       | 90.1  | 74.5  | 114.5  |

Instrument :

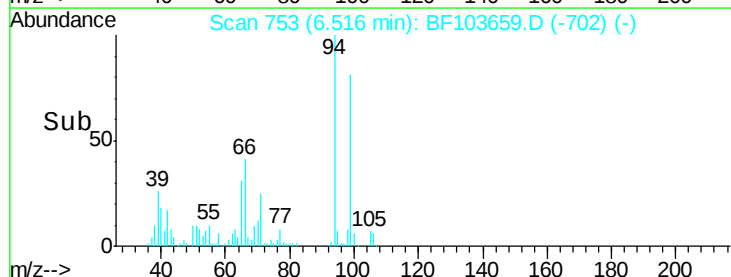
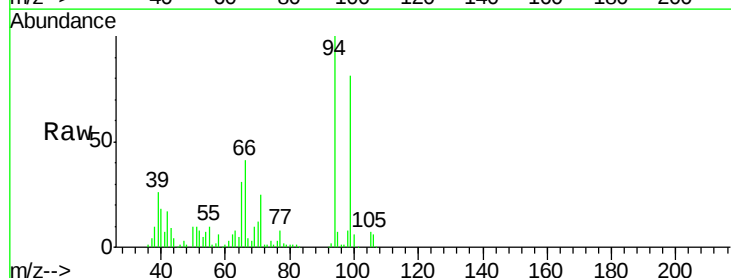
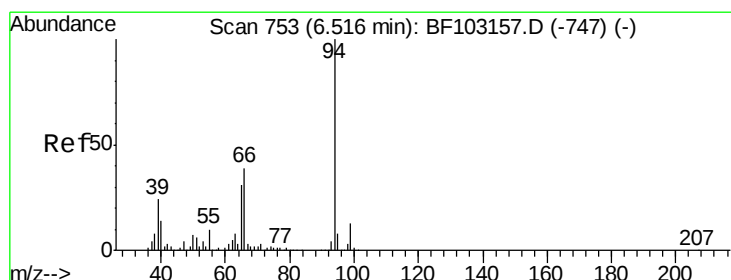
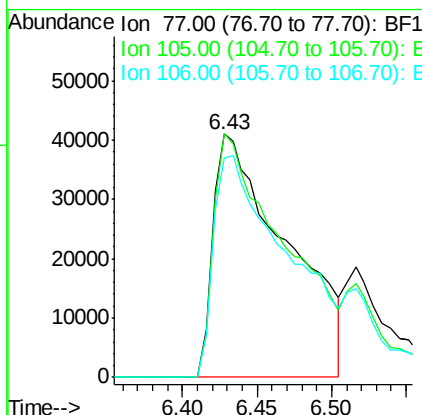
BNA\_F

ClientSampled :

PB107370BSD

Manual Integrations  
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3/15/2018 6:58:00 PM



#10

Phenol

Concen: 43.698 ng

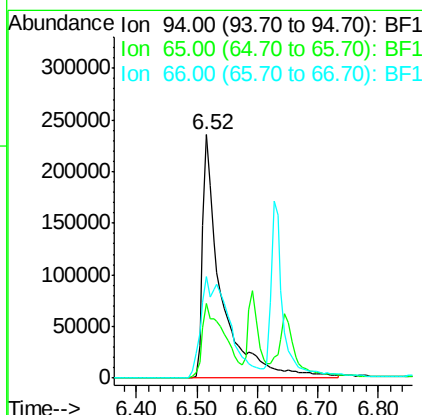
RT: 6.52 min Scan# 753

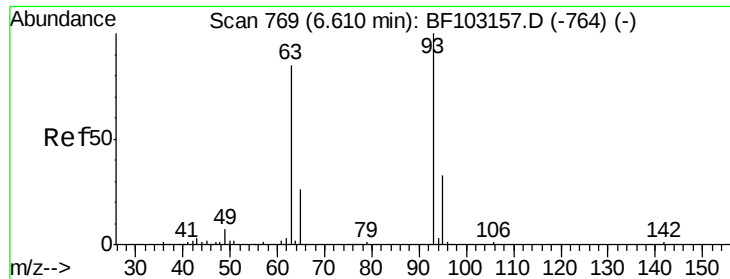
Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 505078 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 30.6  | 7.9   | 47.9   |
| 66        | 41.5  | 16.2  | 56.2   |





#11

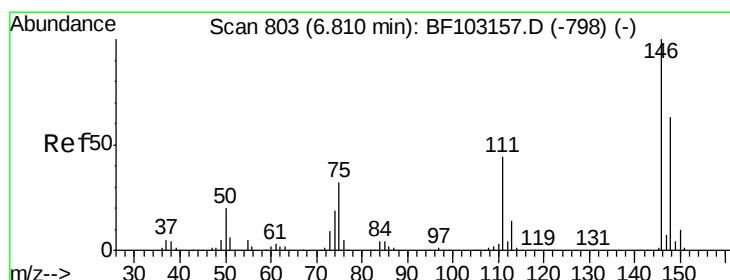
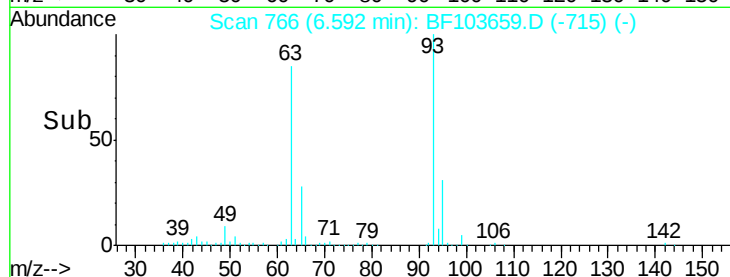
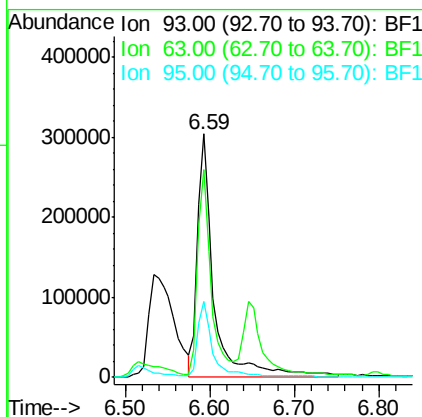
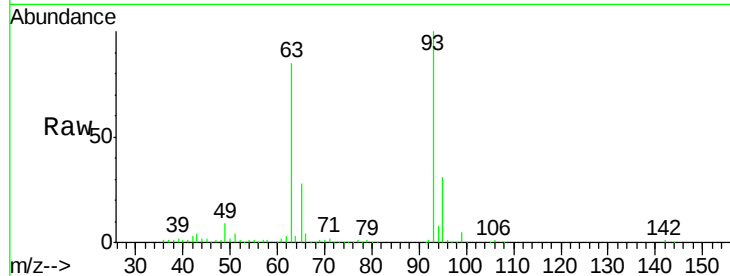
bis(2-Chloroethyl)ether  
Concen: 48.337 ng/mL  
RT: 6.59 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 85.3  | 58.6  | 98.6  |
| 95      | 31.4  | 11.8  | 51.8  |

Manual Integrations  
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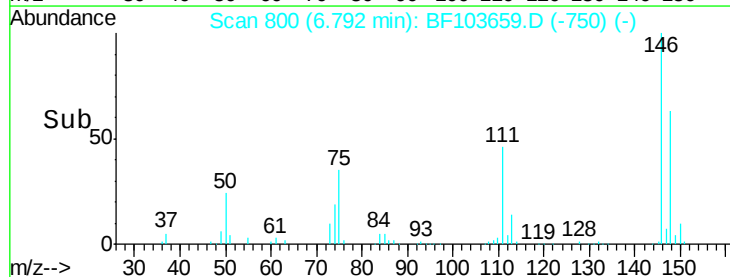
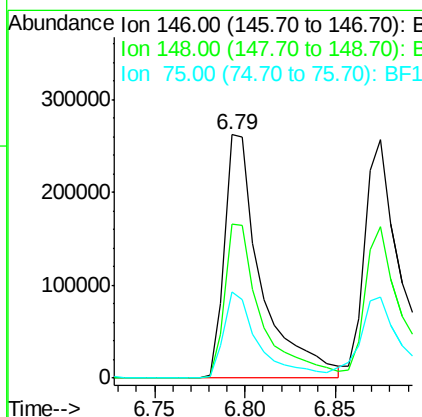
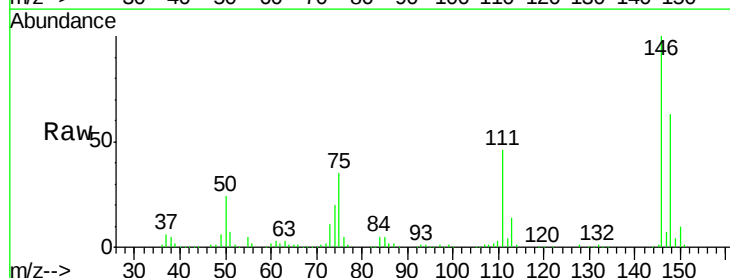
Sohil  
3/15/2018 6:58:00 PM

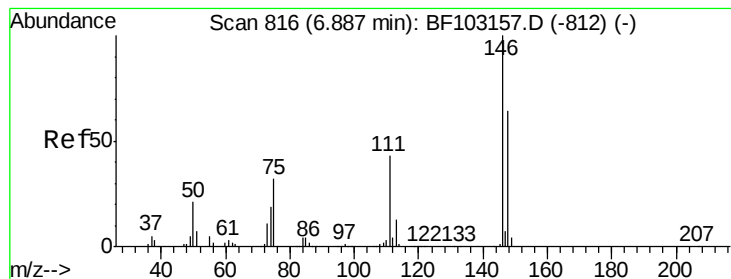


#12

1,3-Dichlorobenzene  
Concen: 38.450 ng/mL  
RT: 6.79 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 51.8  | 77.8  |
| 75      | 35.3  | 24.2  | 36.4  |





#13

1,4-Dichlorobenzene

Concen: 42.927 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

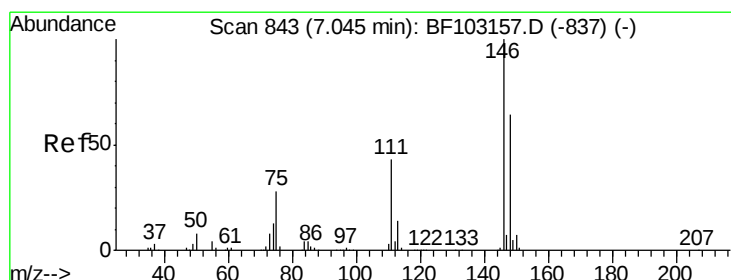
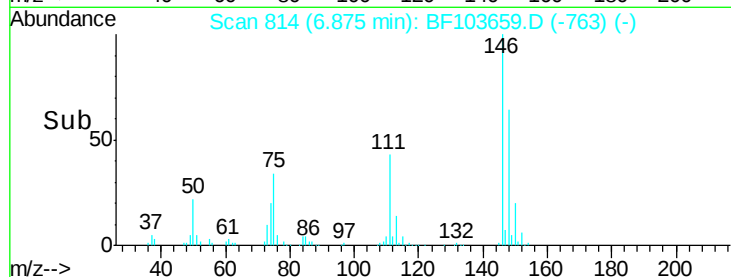
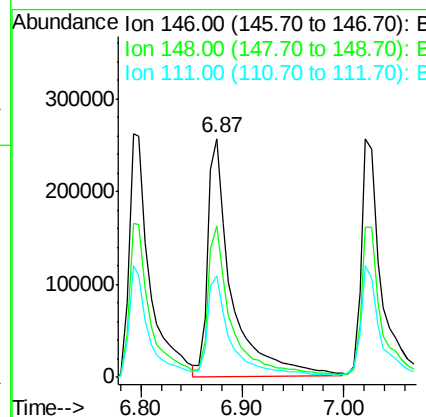
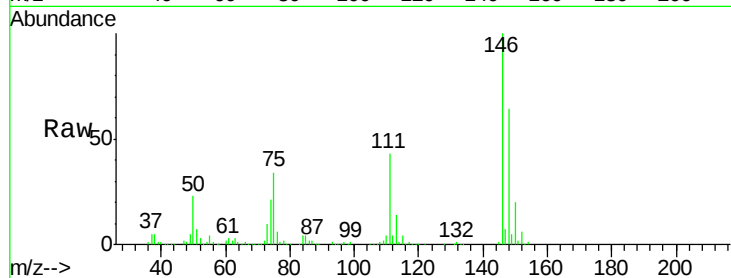
ClientSampleId :

PB107370BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 415721 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.5  | 50.8  | 76.2   |
| 111       | 42.6  | 34.2  | 51.2   |

Manual Integrations  
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3/15/2018 6:58:00 PM



#14

1,2-Dichlorobenzene

Concen: 37.910 ng

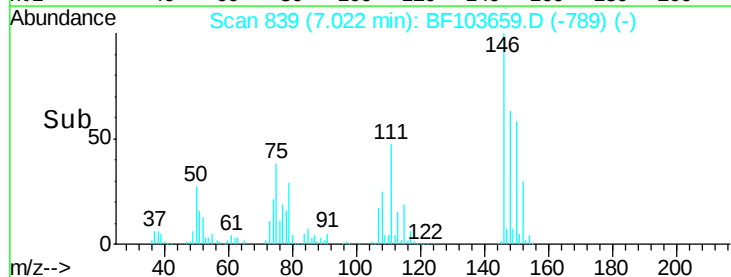
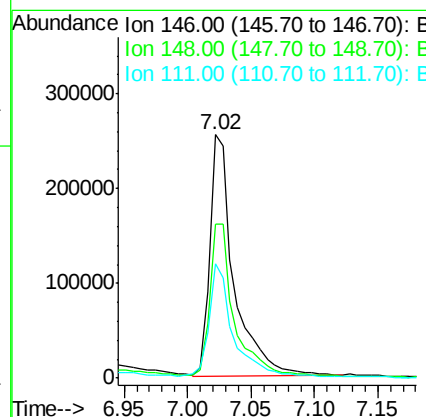
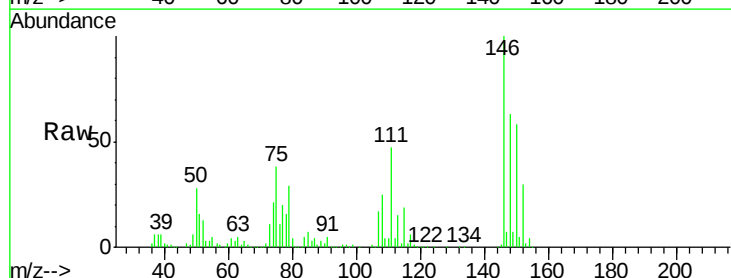
RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 338532 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.1  | 50.6  | 75.8   |
| 111       | 47.0  | 36.0  | 54.0   |





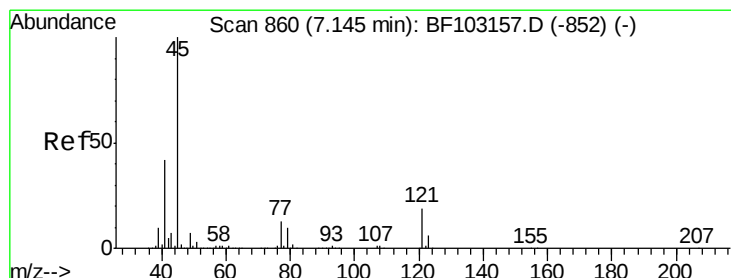
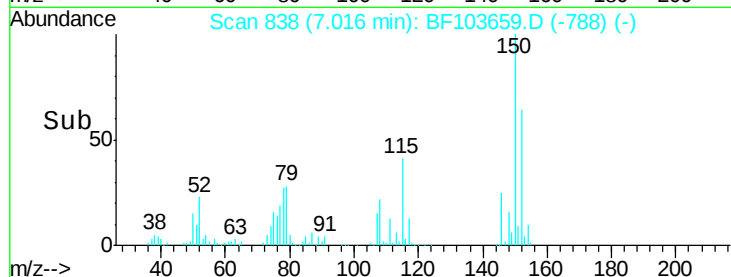
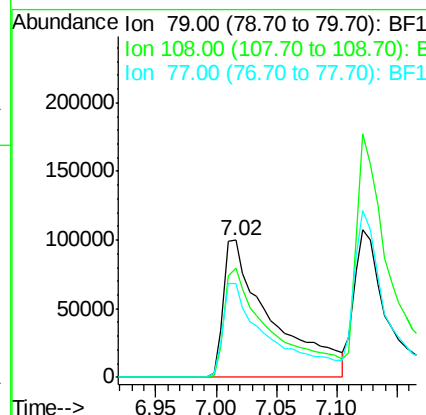
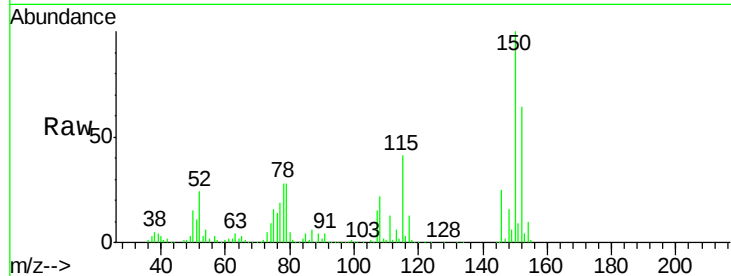
#15  
Benzyl Alcohol  
Concen: 36.832 ng  
RT: 7.02 min Scan# 838  
Delta R.T. -0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 79.4  | 65.1  | 97.7  |
| 77      | 68.2  | 50.6  | 75.8  |

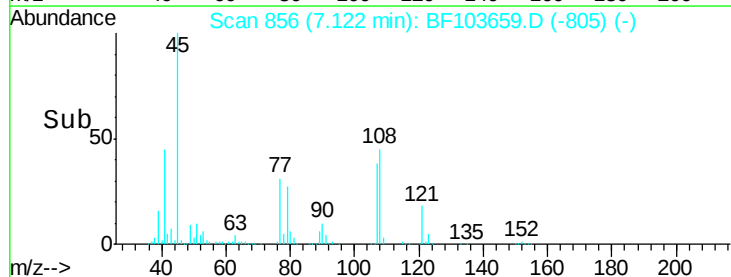
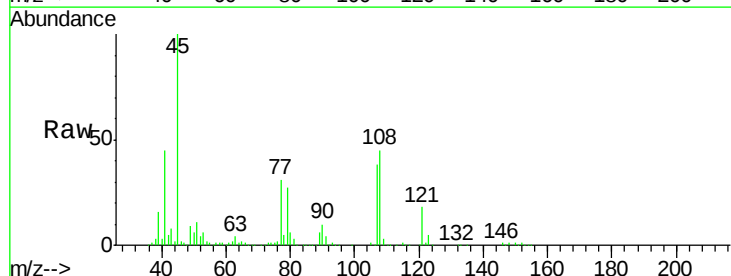
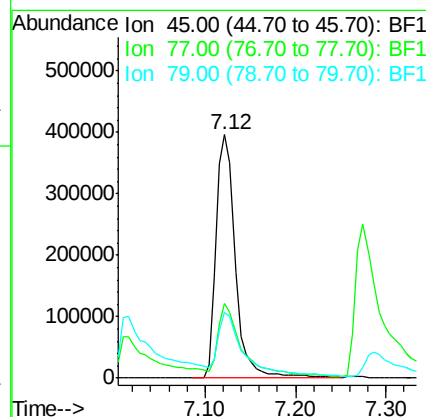
Manual Integrations  
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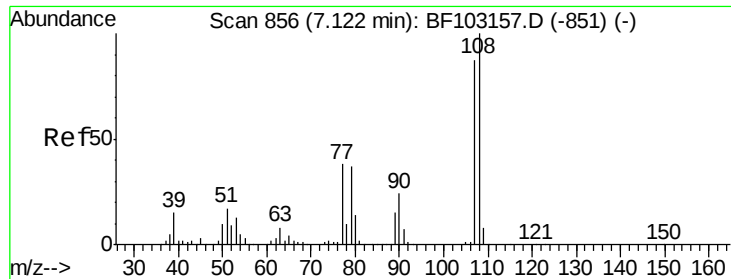
Sohil  
3/15/2018 6:58:00 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.187 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 30.8  | 0.0   | 32.9  |
| 79      | 27.1  | 0.0   | 29.6  |





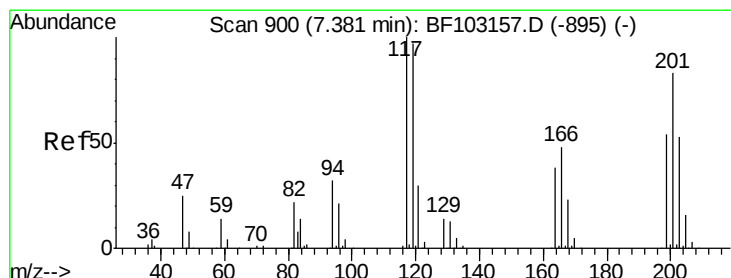
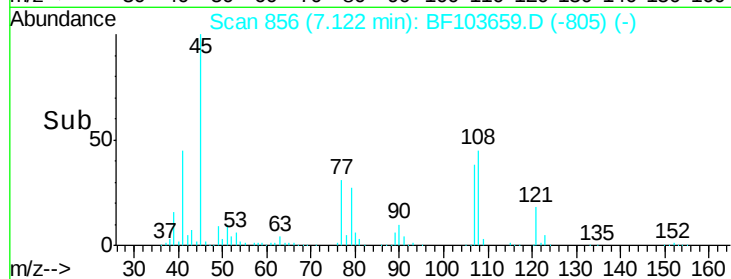
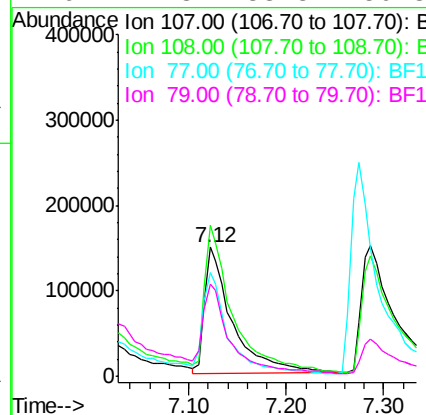
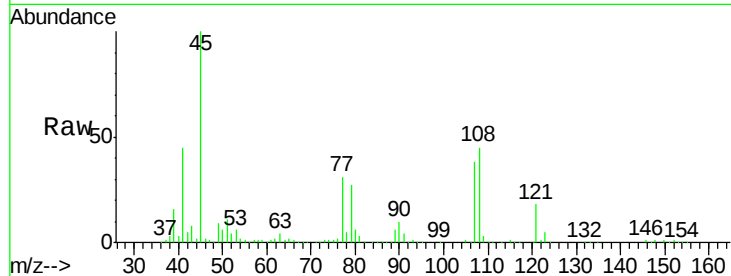
#17  
2-Methylphenol  
Concen: 38.226 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion   | 107   | Resp  | 293634 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 117.5 | 91.7  | 137.5  |
| 77        | 80.8  | 33.8  | 50.8#  |
| 79        | 71.3  | 33.8  | 50.8#  |

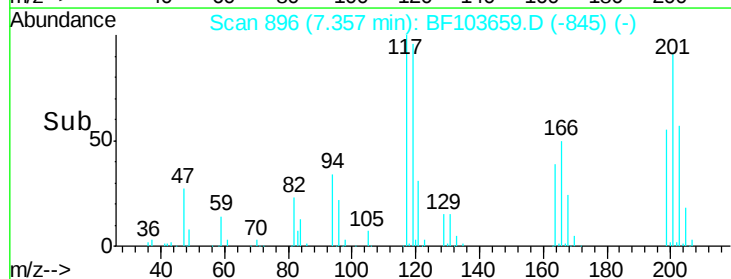
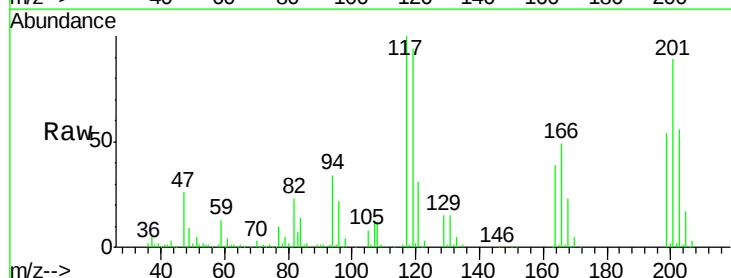
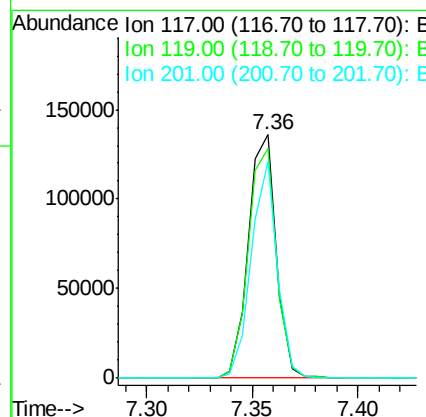
Manual Integrations  
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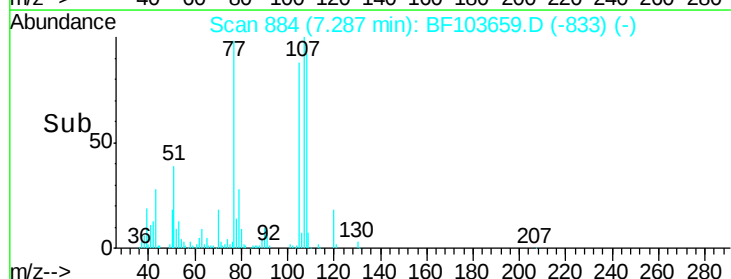
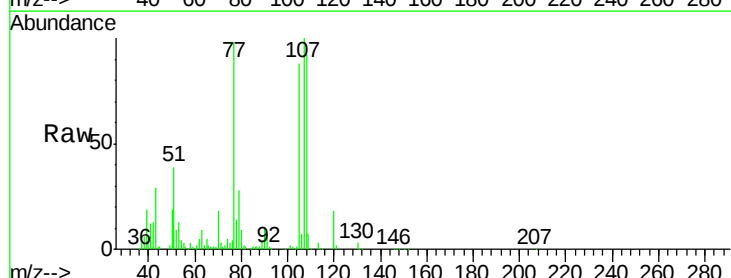
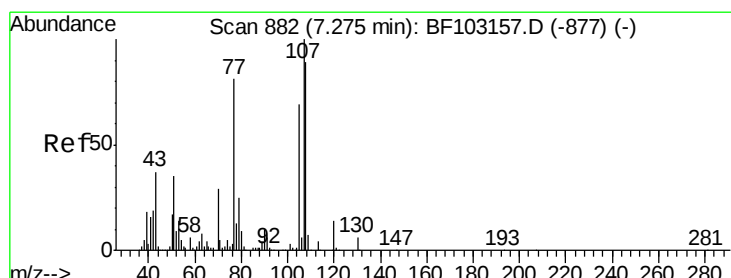
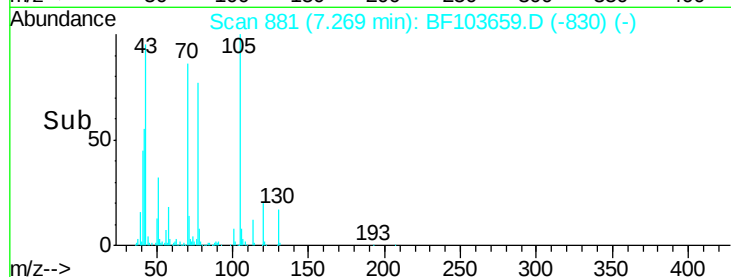
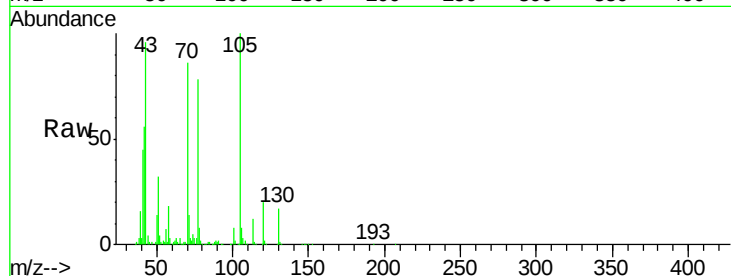
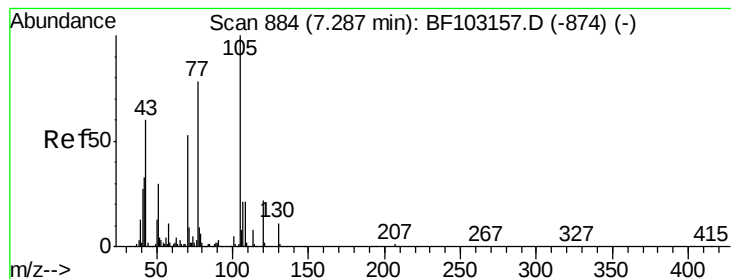
Sohil  
3/15/2018 6:58:00 PM



#18  
Hexachloroethane  
Concen: 35.338 ng  
RT: 7.36 min Scan# 896  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion   | 117   | Resp  | 124585 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.2  | 75.8  | 113.8  |
| 201       | 89.1  | 75.7  | 113.5  |





#19

n-Nitroso-di-n-propylamine

Concen: 45.058 ng

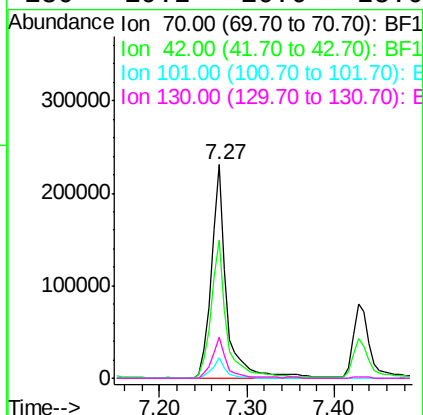
RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 64.6  | 47.5  | 71.3  |
| 101     | 9.6   | 7.4   | 11.2  |
| 130     | 19.2  | 16.6  | 25.0  |



Instrument :

BNA\_F

ClientSampleId :

PB107370BSD

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#20

3+4-Methylphenols

Concen: 42.792 ng

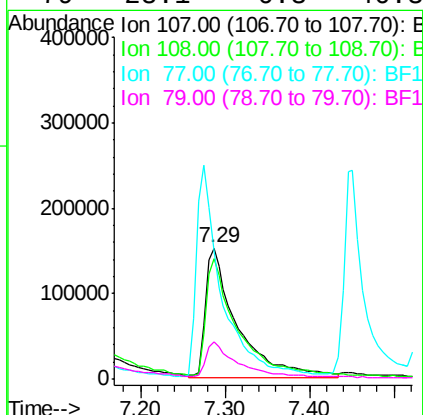
RT: 7.29 min Scan# 884

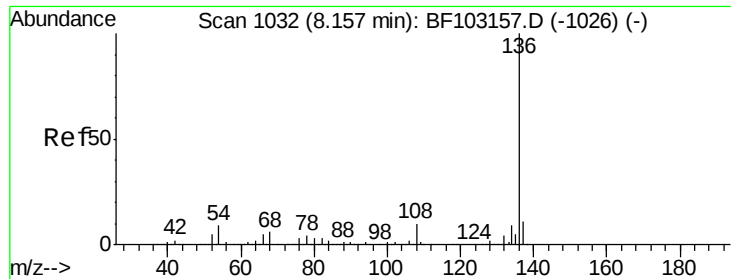
Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.9  | 68.2  | 108.2 |
| 77      | 98.0  | 26.7  | 66.7# |
| 79      | 28.1  | 6.3   | 46.3  |





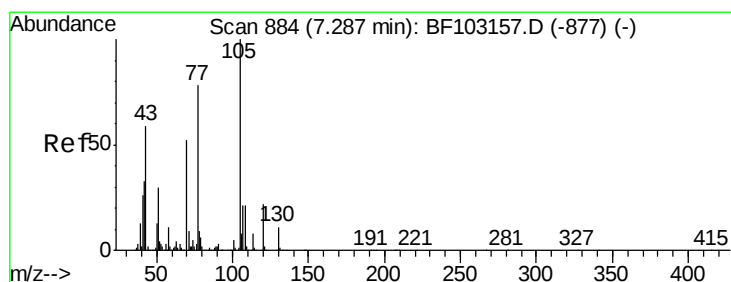
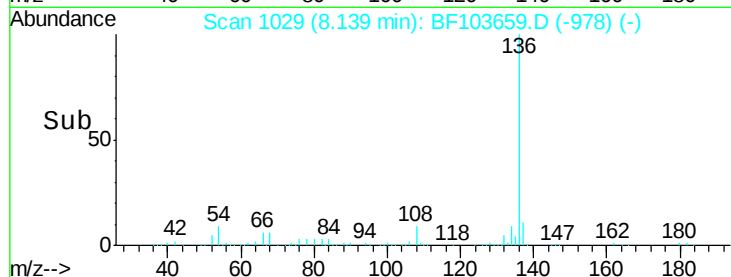
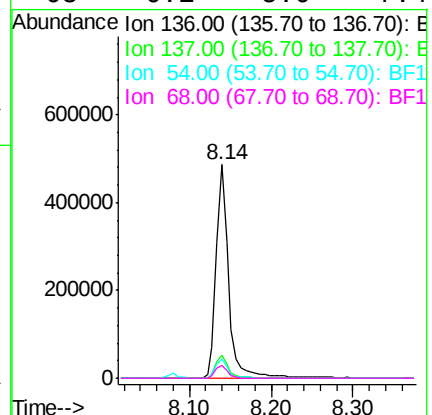
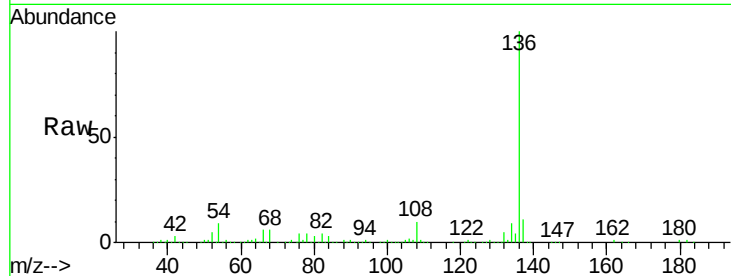
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 522542 |       |       |
| 137     | 10.5  | 8.9    | 13.3  |       |
| 54      | 9.1   | 6.6    | 9.8   |       |
| 68      | 6.1   | 5.0    | 7.4   |       |

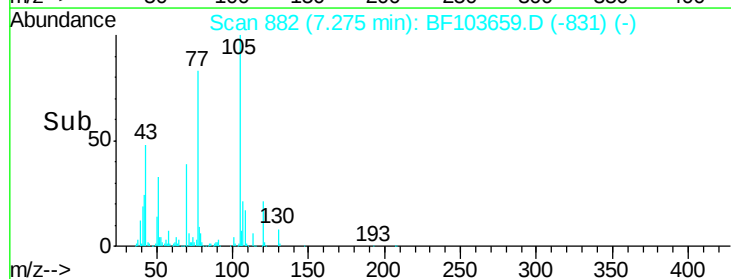
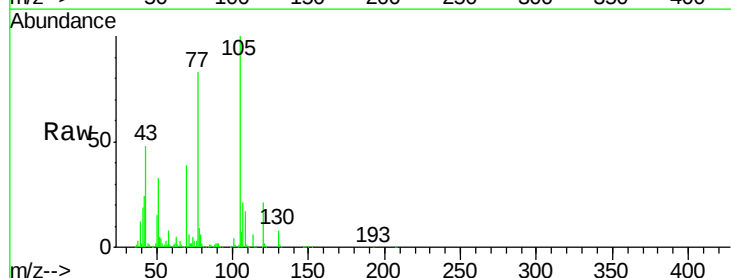
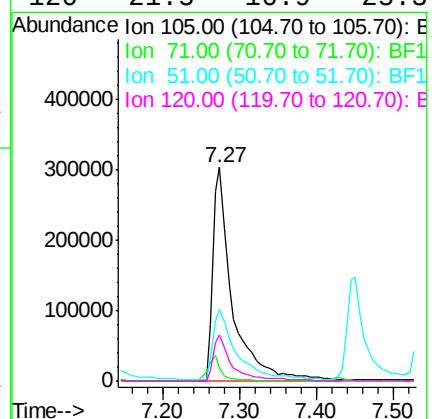
Manual Integrations  
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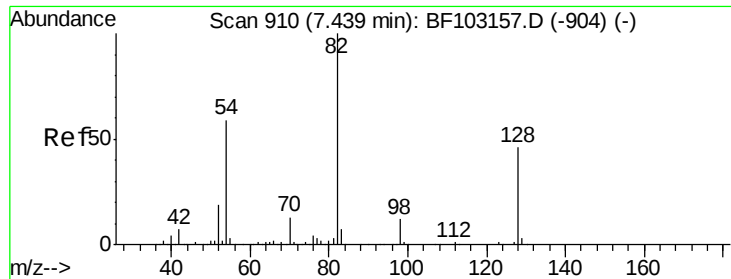
Sohil  
3/15/2018 6:58:00 PM



#22  
Acetophenone  
Concen: 43.434 ng  
RT: 7.27 min Scan# 882  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 529765 |       |       |
| 71      | 6.2   | 4.4    | 6.6   |       |
| 51      | 33.3  | 22.3   | 33.5  |       |
| 120     | 21.5  | 16.9   | 25.3  |       |





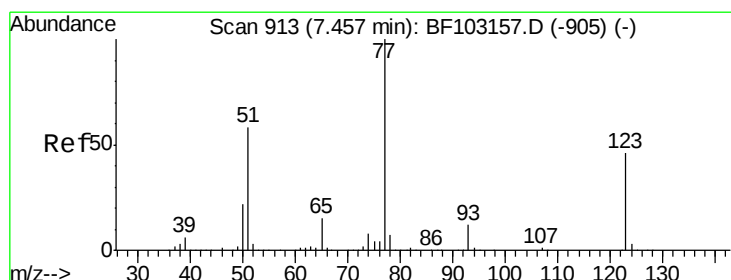
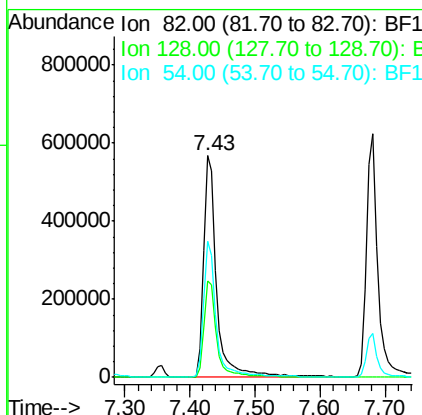
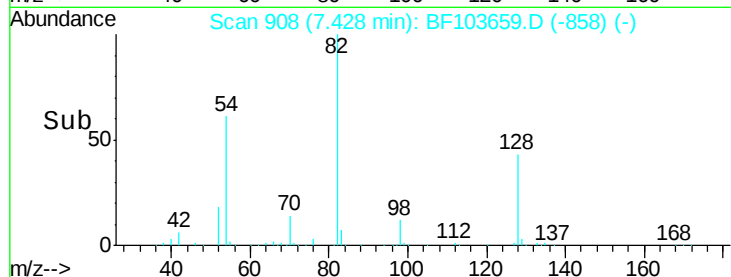
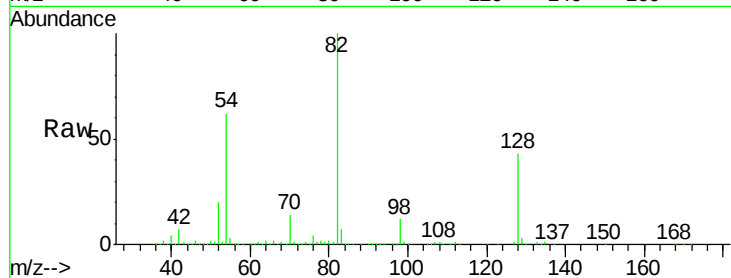
#23  
Nitrobenzene-d5  
Concen: 87.157 ng  
RT: 7.43 min Scan# 908  
Delta R.T. -0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.4  | 36.1  | 54.1  |
| 54      | 61.5  | 41.4  | 62.2  |

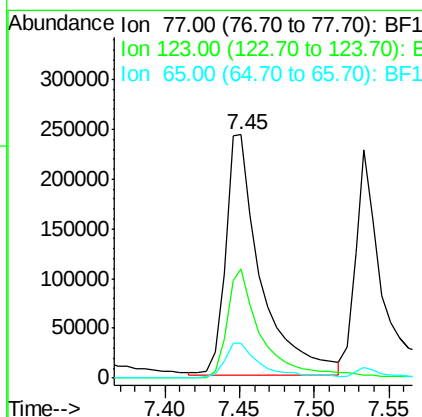
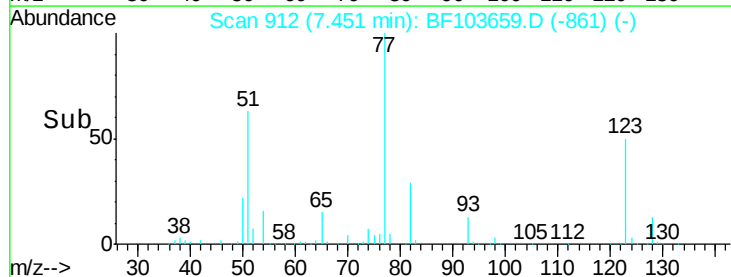
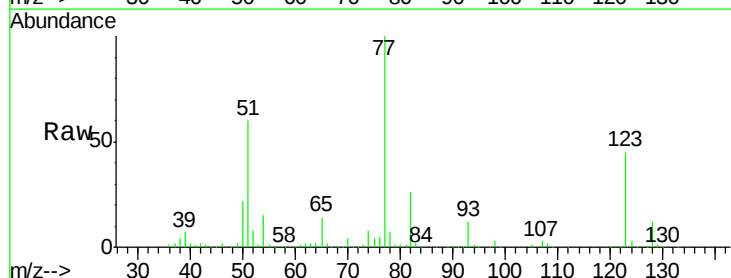
Manual Integrations  
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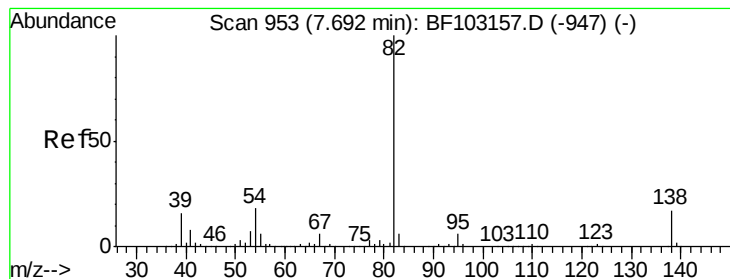
Sohil  
3/15/2018 6:58:00 PM



#24  
Nitrobenzene  
Concen: 39.801 ng  
RT: 7.45 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.9  | 37.9  | 56.9  |
| 65      | 14.3  | 11.0  | 16.4  |





#25

Isophorone

Concen: 42.849 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

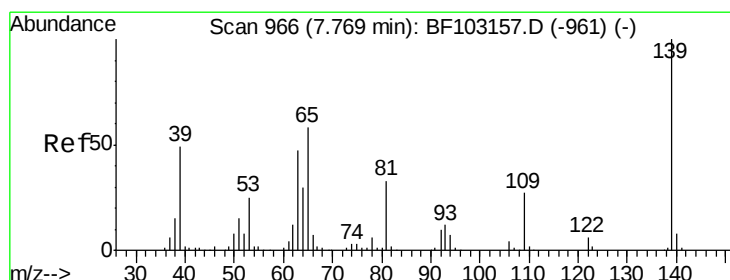
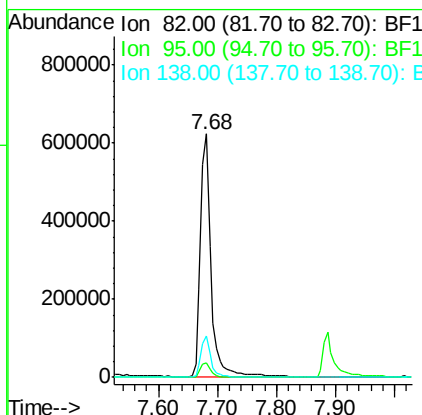
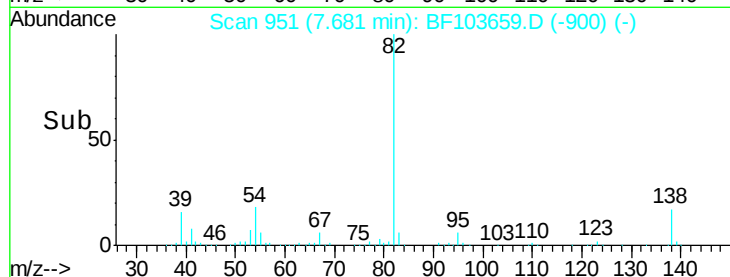
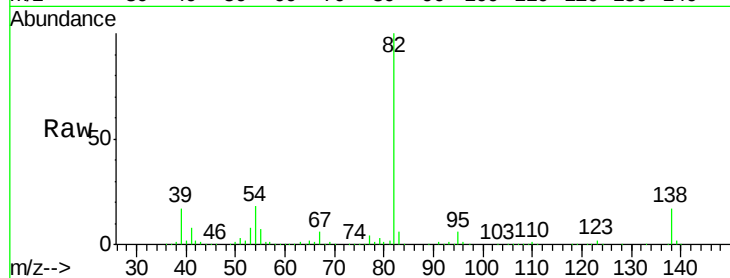
ClientSampleId :

PB107370BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 772180 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.2   | 5.2   | 7.8    |
| 138       | 17.2  | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 38.860 ng

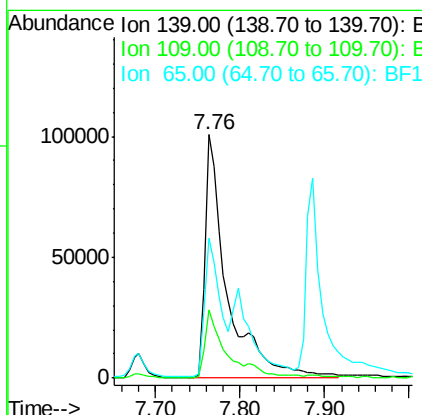
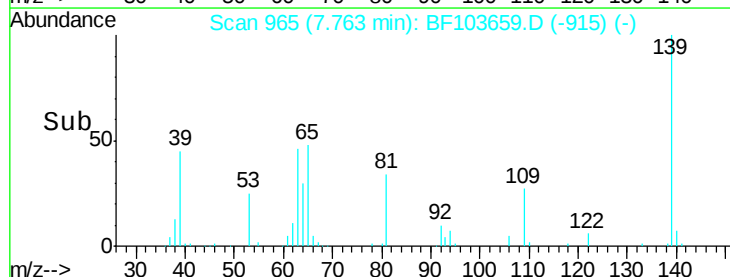
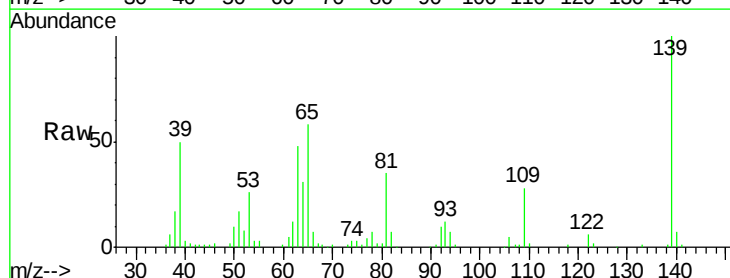
RT: 7.76 min Scan# 965

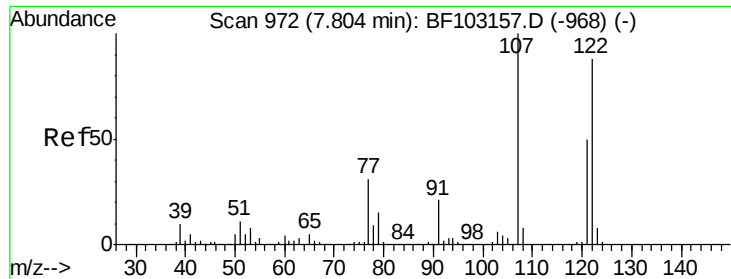
Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 184295 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 27.9  | 22.7  | 34.1   |
| 65        | 57.6  | 40.5  | 60.7   |





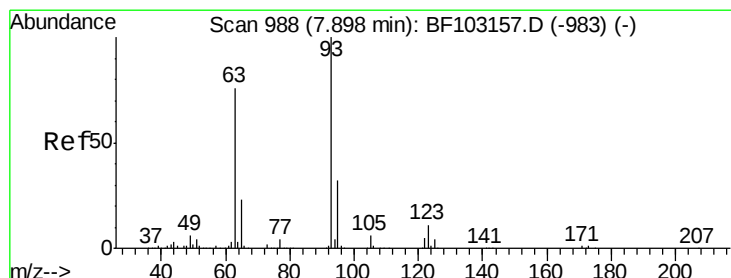
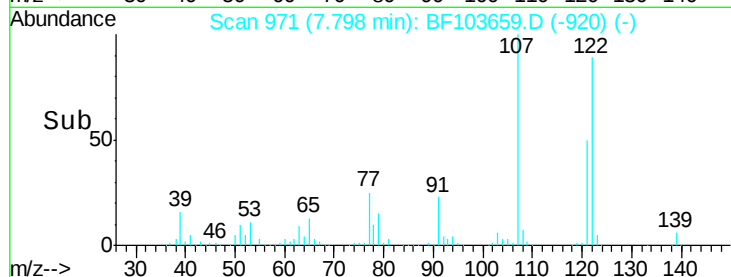
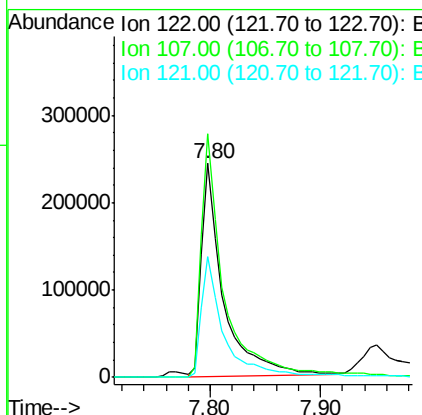
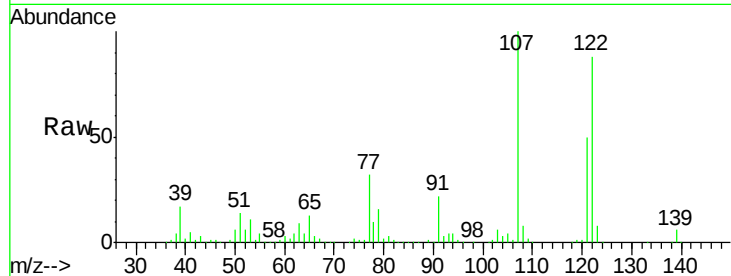
#27  
2,4-Dimethylphenol  
Concen: 45.424 ng  
RT: 7.80 min Scan# 971  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 329282 |       |       |
| 107     | 113.9 |        | 91.2  | 136.8 |
| 121     | 56.6  |        | 47.2  | 70.8  |

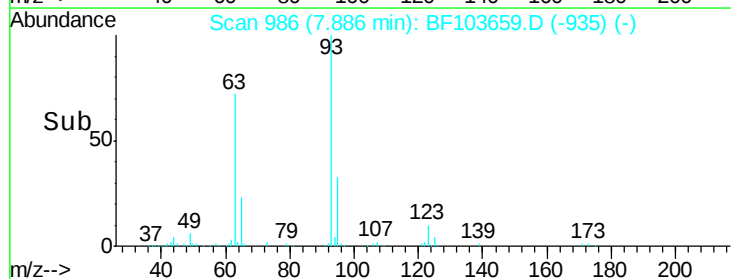
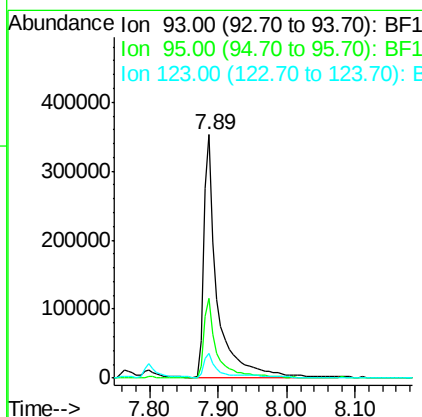
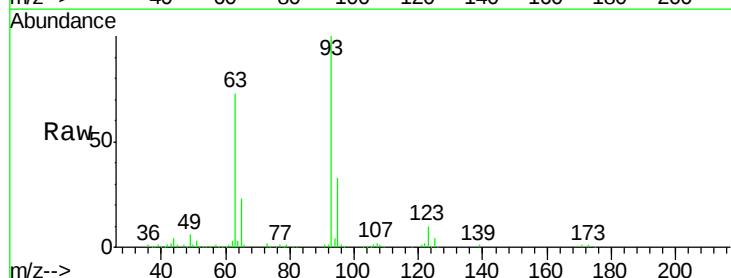
Manual Integrations  
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3/15/2018 6:58:00 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.934 ng  
RT: 7.89 min Scan# 986  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 486686 |       |       |
| 95      | 32.6  |        | 26.3  | 39.5  |
| 123     | 10.2  |        | 9.8   | 14.6  |





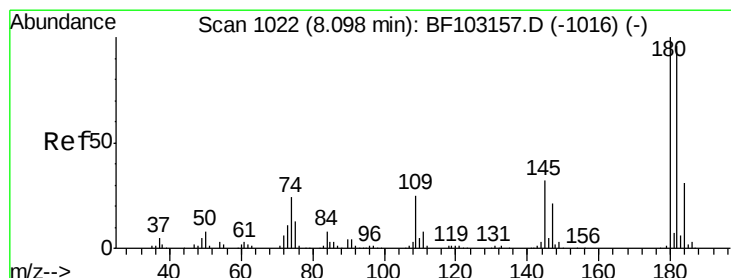
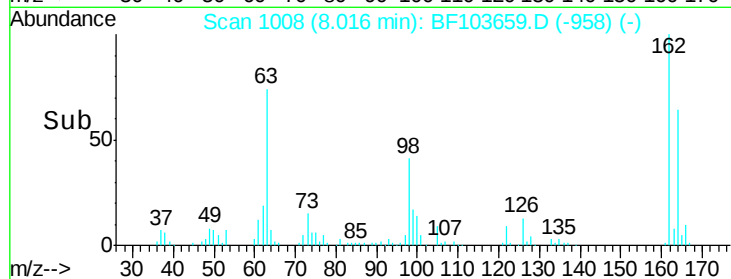
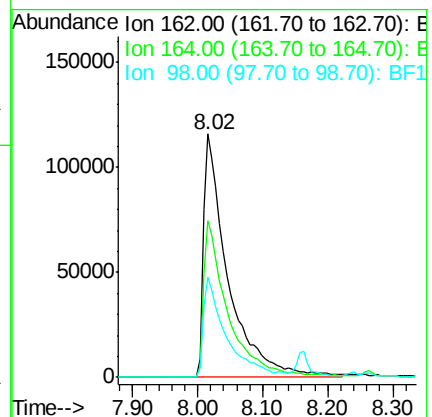
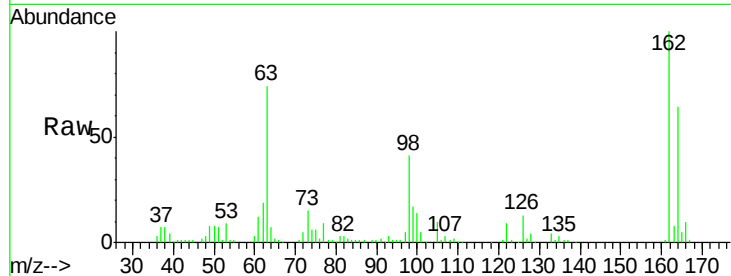
#29  
2,4-Dichlorophenol  
Concen: 43.392 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 301154 |       |       |
| 164     | 64.2  | 42.7   | 82.7  |       |
| 98      | 41.2  | 18.1   | 58.1  |       |

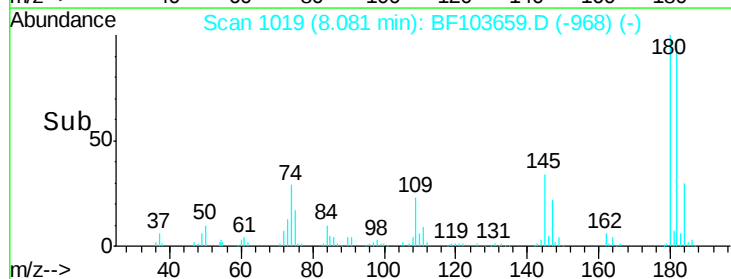
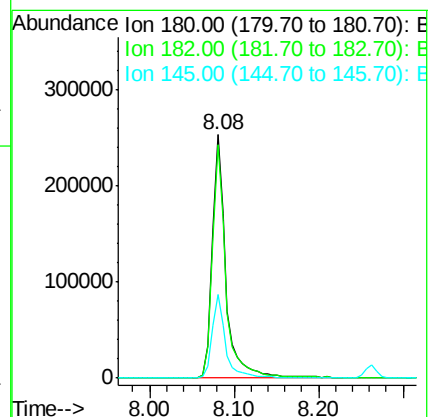
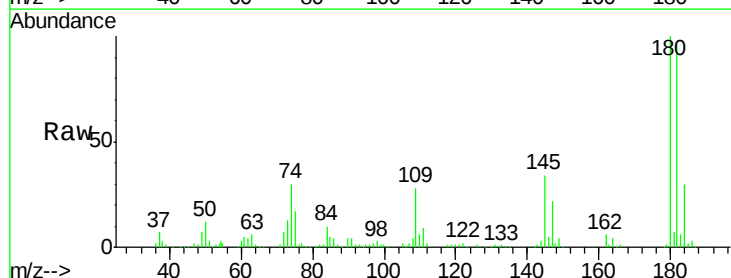
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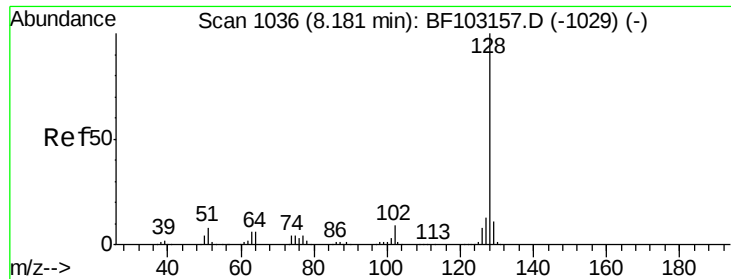
Sohil  
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.100 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 288977 |       |       |
| 182     | 95.8  | 76.8   | 115.2 |       |
| 145     | 34.2  | 26.5   | 39.7  |       |





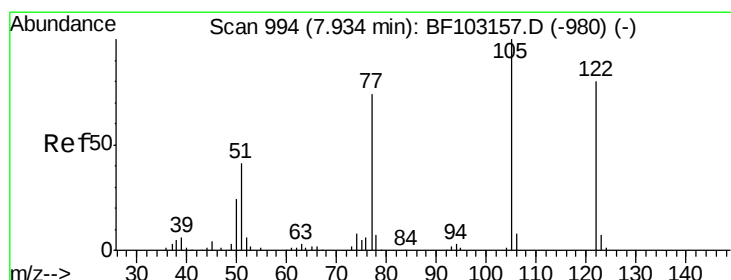
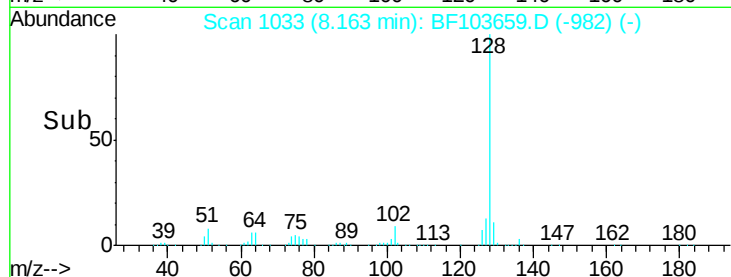
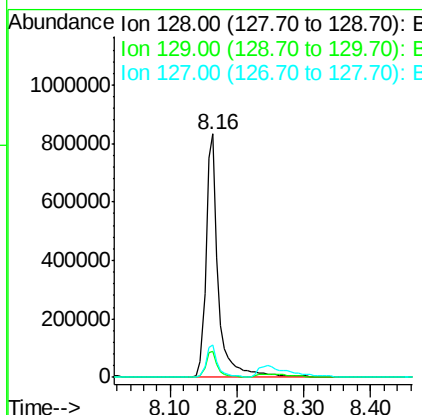
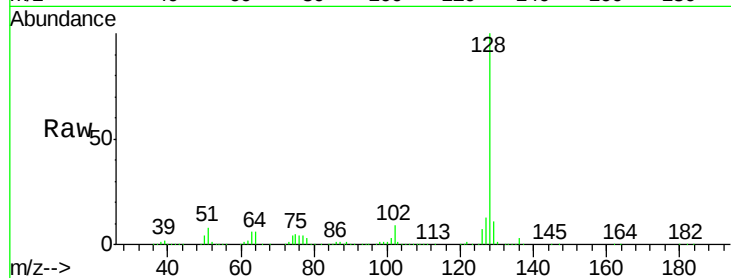
#31  
Naphthalene  
Concen: 41.265 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

Tot Ion:128 Resp: 1055670  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.8 13.2  
127 13.4 10.9 16.3

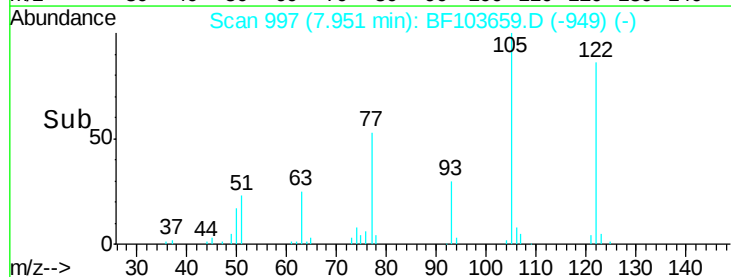
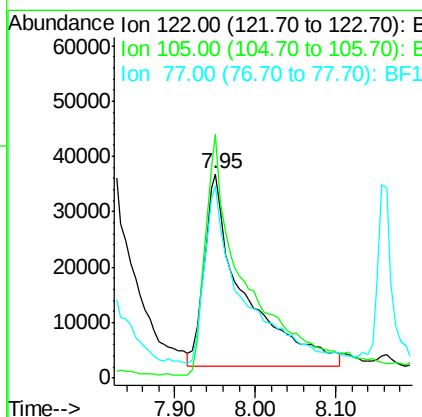
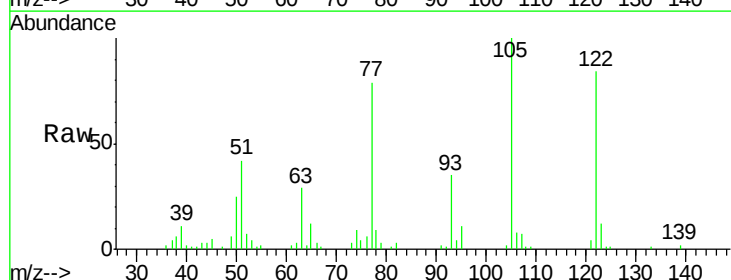
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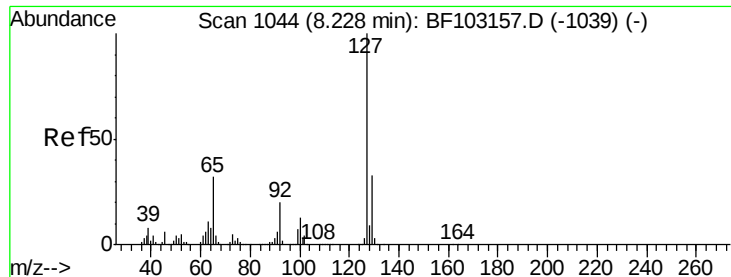
Sohil  
3/15/2018 6:58:00 PM



#32  
Benzoic acid  
Concen: 25.749 ng m  
RT: 7.95 min Scan# 997  
Delta R.T. -0.02 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Tgt Ion:122 Resp: 118346  
Ion Ratio Lower Upper  
122 100  
105 119.2 101.1 141.1  
77 94.0 70.7 110.7





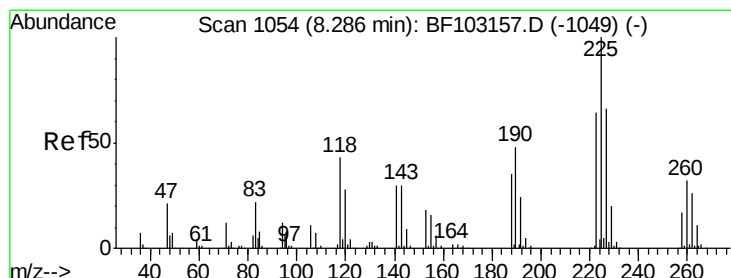
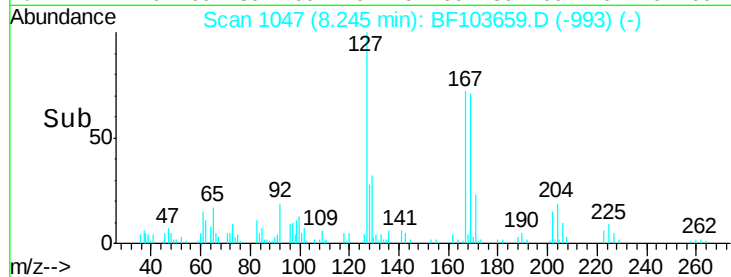
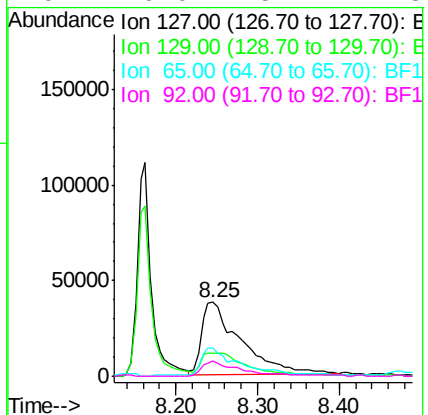
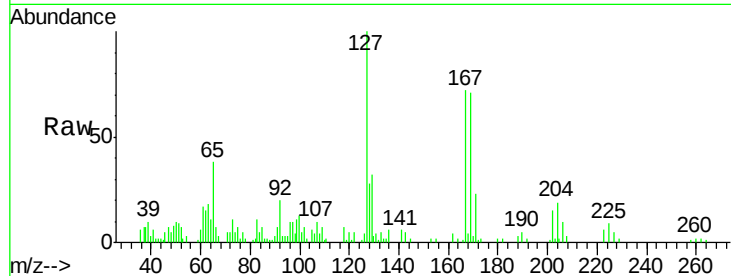
#33  
 4-Chloroaniline  
 Concen: 11.393 ng  
 RT: 8.25 min Scan# 1047  
 Delta R.T. 0.02 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.7 | 25.9  | 38.9 |       |       |
| 65      | 37.7 | 25.0  | 37.4 |       |       |
| 92      | 20.0 | 15.2  | 22.8 |       |       |

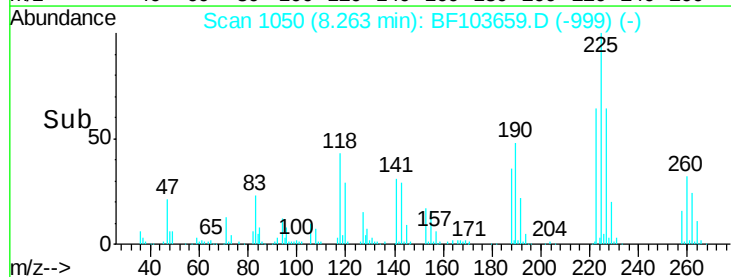
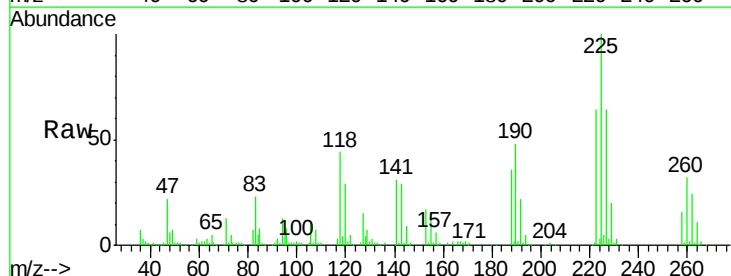
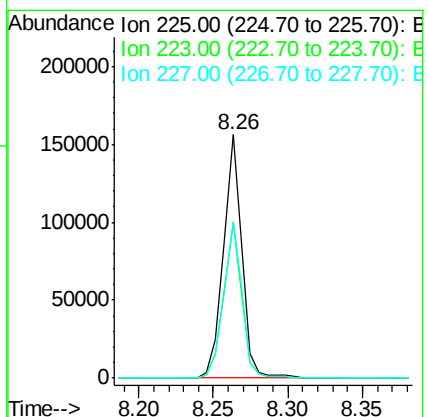
Manual Integrations  
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#34  
 Hexachlorobutadiene  
 Concen: 35.993 ng  
 RT: 8.26 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.6 | 50.6  | 76.0 |       |       |
| 227     | 64.1 | 51.9  | 77.9 |       |       |





#35

Caprolactam

Concen: 37.097 ng/ml

RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

ClientSampleId :

PB107370BSD

Tot Ion:113 Resp: 90488

Ion Ratio Lower Upper

113 100

55 218.8 163.3 203.3#

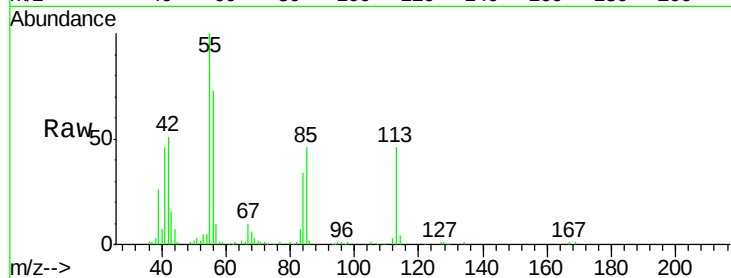
56 159.0 115.7 155.7#

Manual Integrations

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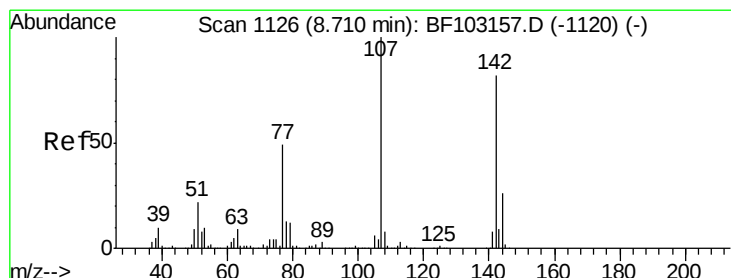
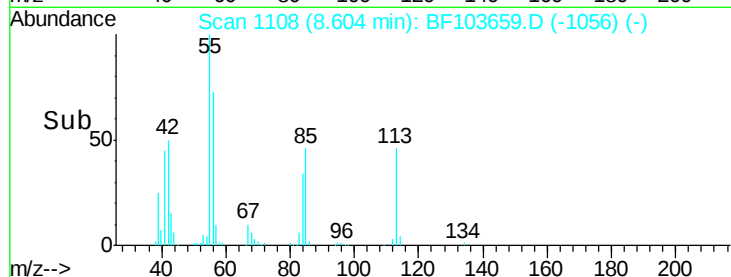
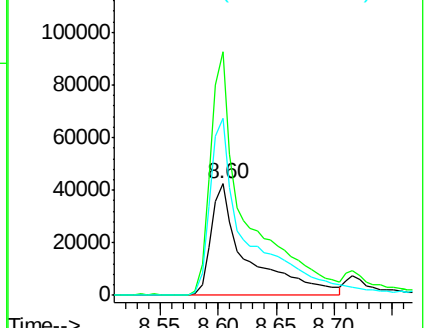
3/15/2018 6:58:00 PM



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: 42.615 ng/ml

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

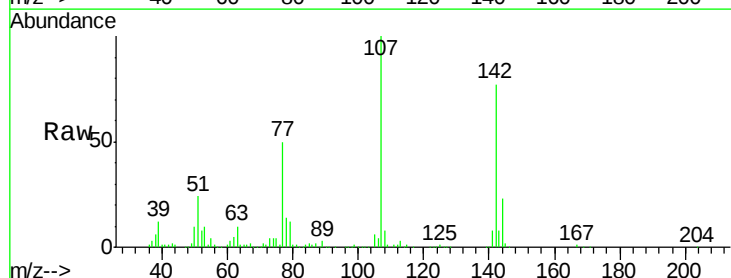
Tgt Ion:107 Resp: 333601

Ion Ratio Lower Upper

107 100

144 23.4 20.5 30.7

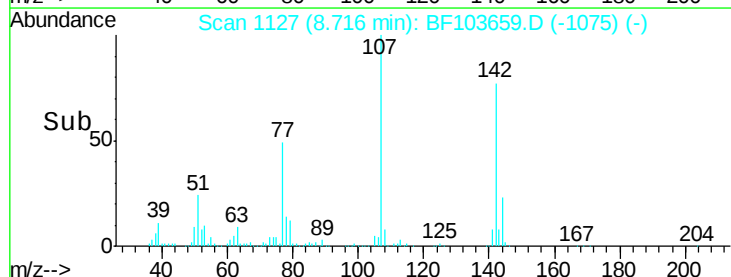
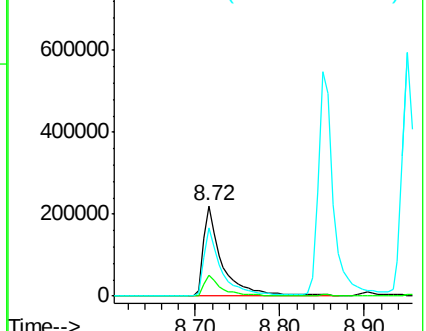
142 76.6 62.0 93.0

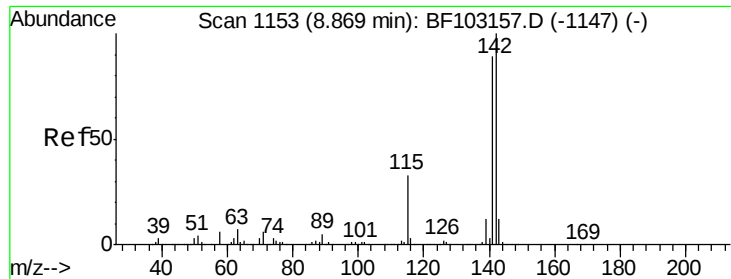


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





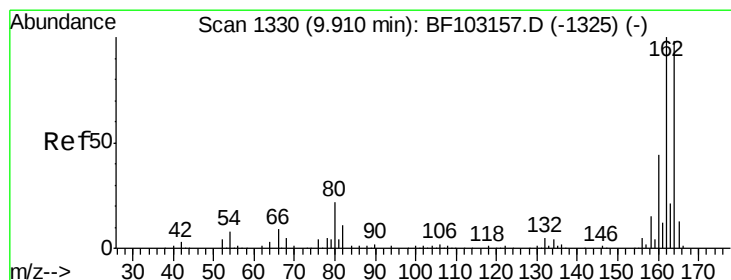
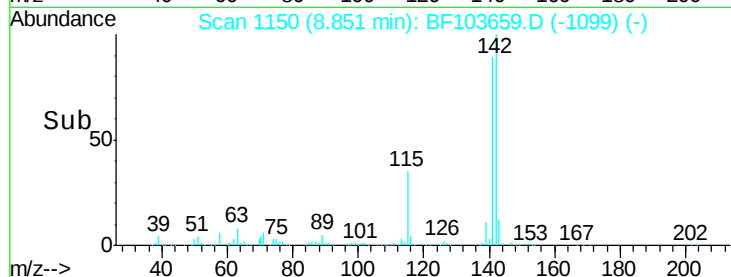
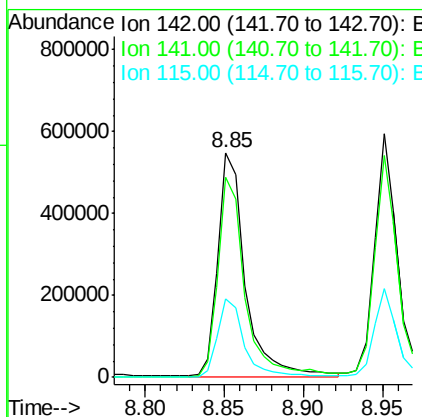
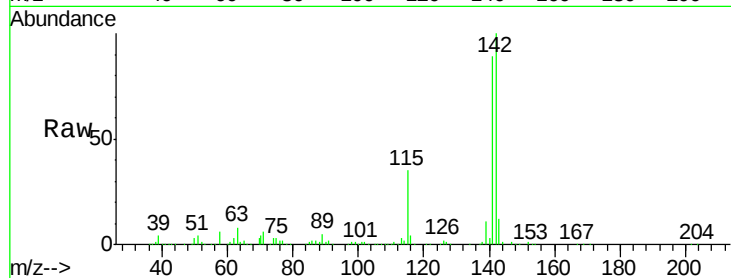
#37  
2-Methylnaphthalene  
Concen: 40.135 ng  
RT: 8.85 min Scan# 1150  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 70.8  | 106.2 |
| 115     | 34.7  | 26.1  | 39.1  |

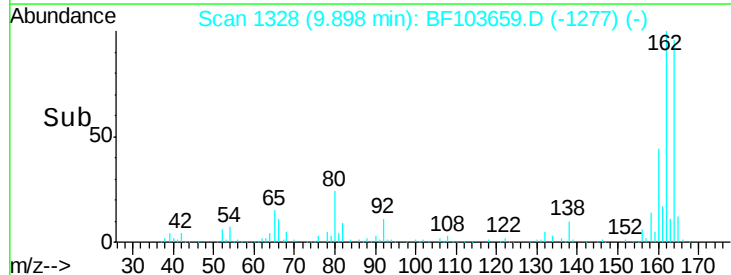
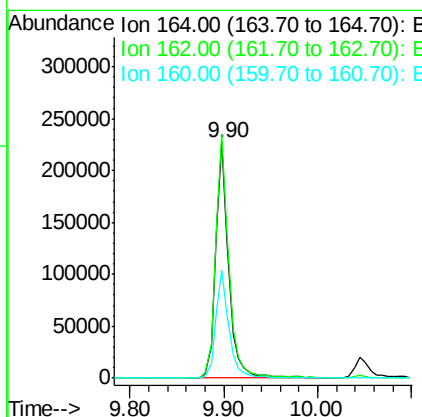
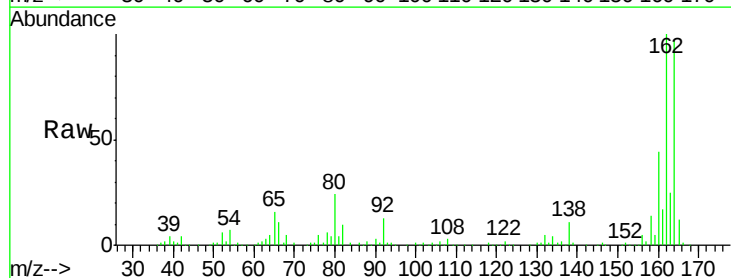
Manual Integrations  
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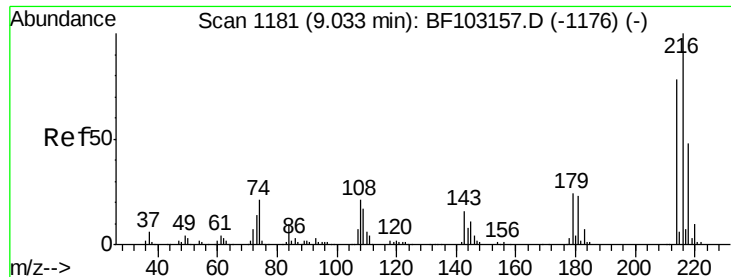
Sohil  
3/15/2018 6:58:00 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.2 | 86.1  | 129.1 |
| 160     | 45.6  | 38.3  | 57.5  |





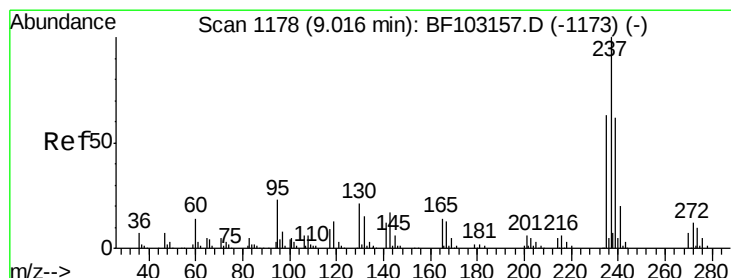
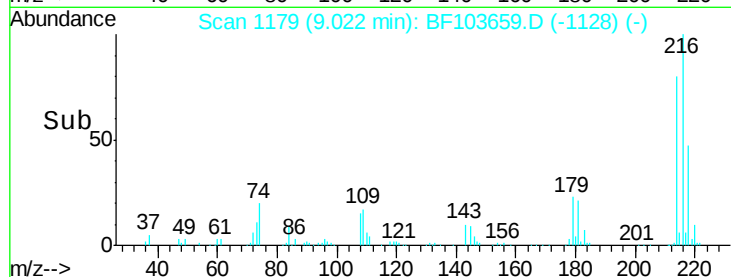
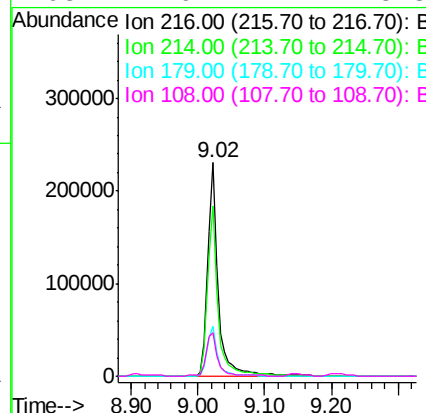
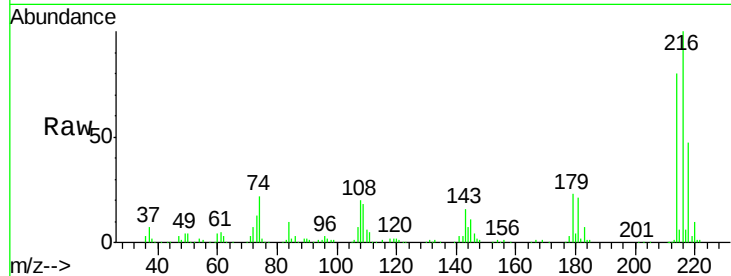
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.428 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 249710 |       |       |
| 214     | 79.0  | 63.0   | 94.4  |       |
| 179     | 23.1  | 18.1   | 27.1  |       |
| 108     | 21.9  | 17.2   | 25.8  |       |

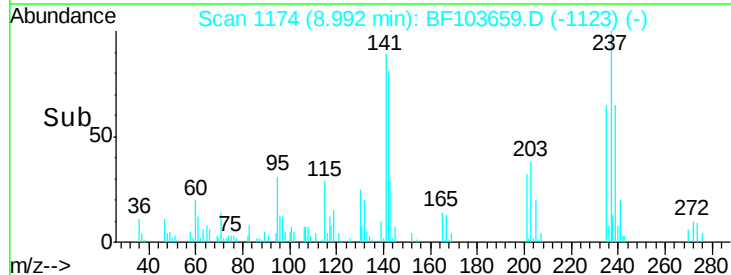
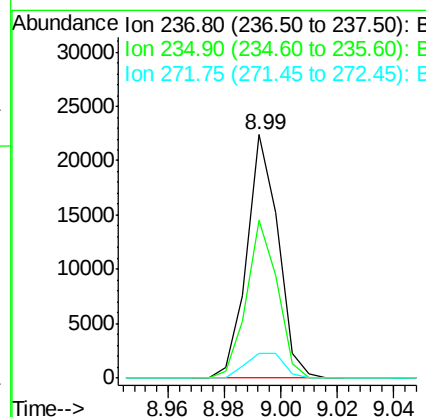
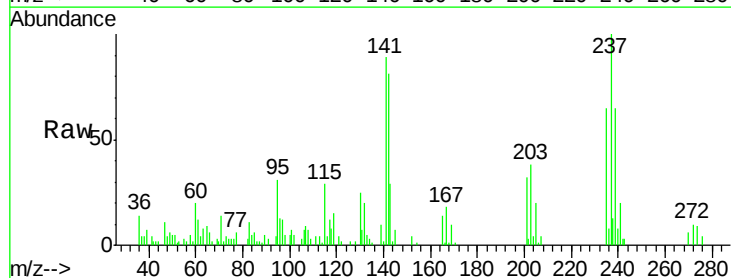
Manual Integrations  
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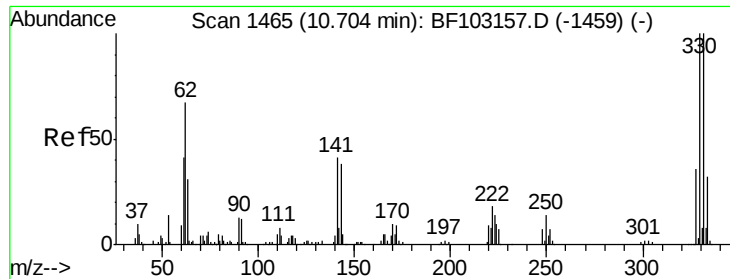
Sohil  
 3/15/2018 6:58:00 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 15.946 ng  
 RT: 8.99 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 17300 |       |       |
| 235     | 64.6  | 44.8  | 84.8  |       |
| 272     | 10.1  | 0.0   | 33.3  |       |





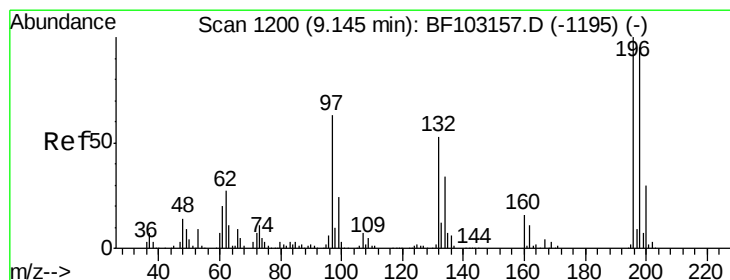
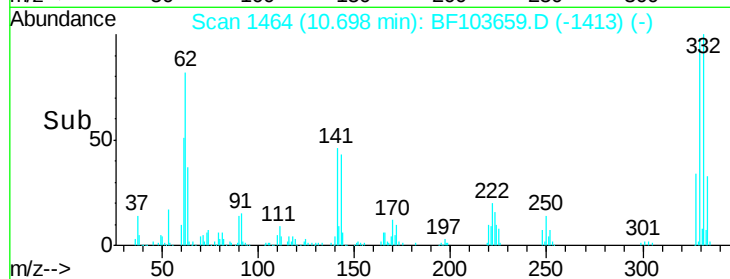
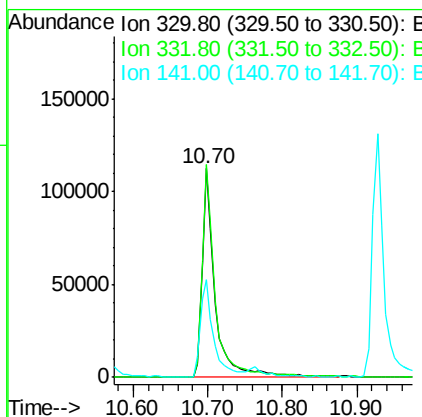
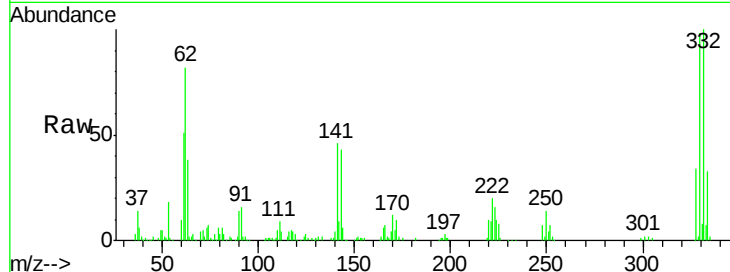
#41  
 2,4,6-Tribromophenol  
 Concen: 73.388 ng  
 RT: 10.70 min Scan# 1464  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 140348 |       |       |
| 332     | 101.6 | 77.0   | 115.6 |       |
| 141     | 45.8  | 29.9   | 44.9  |       |

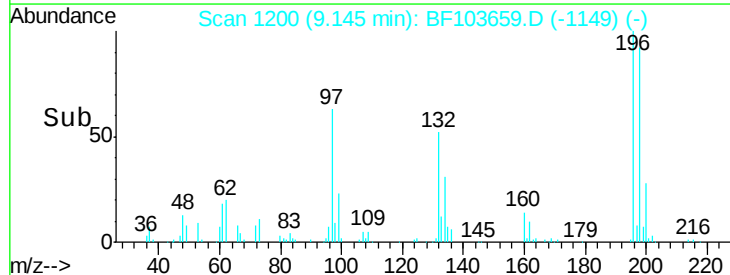
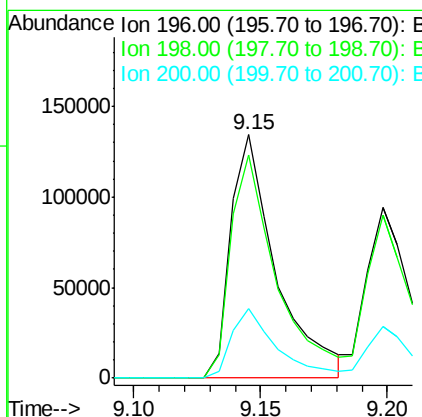
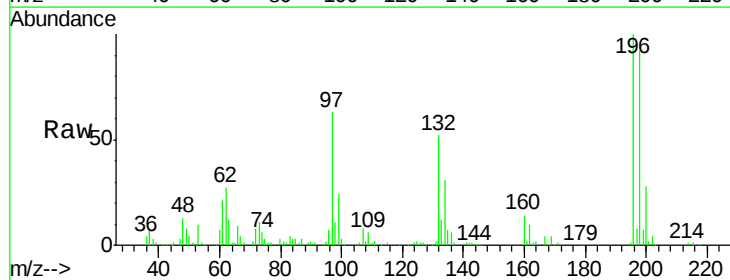
Manual Integrations  
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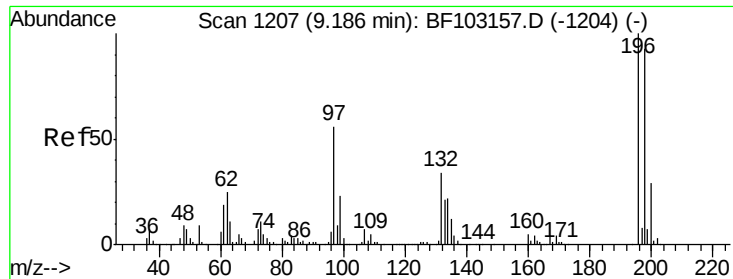
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#42  
 2,4,6-Trichlorophenol  
 Concen: 40.145 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 166847 |       |       |
| 198     | 91.7  | 75.7   | 113.5 |       |
| 200     | 28.4  | 24.5   | 36.7  |       |





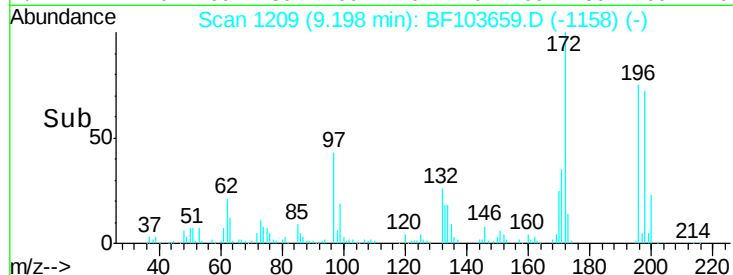
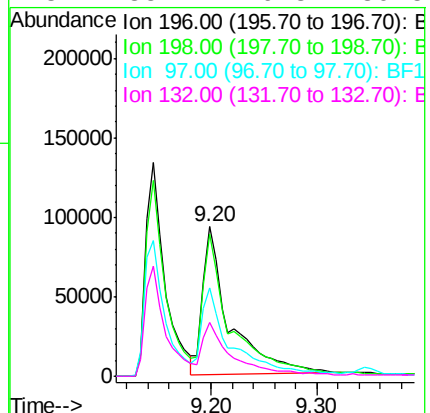
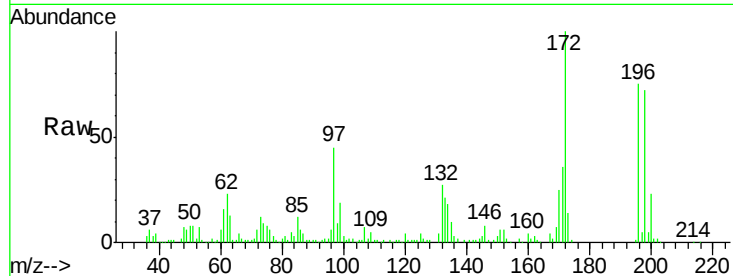
#43  
 2,4,5-Trichlorophenol  
 Concen: 34.292 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 163919 |       |       |
| 198     | 95.5 | 74.6  | 112.0  |       |       |
| 97      | 59.5 | 42.9  | 64.3   |       |       |
| 132     | 35.7 | 26.3  | 39.5   |       |       |

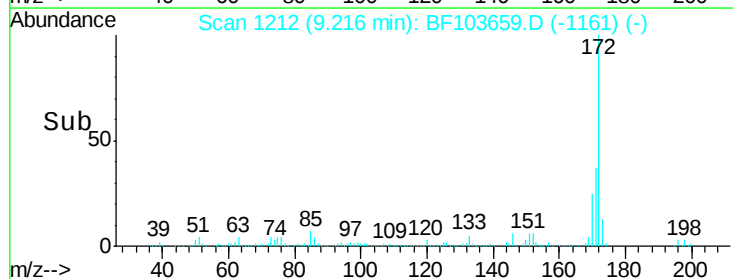
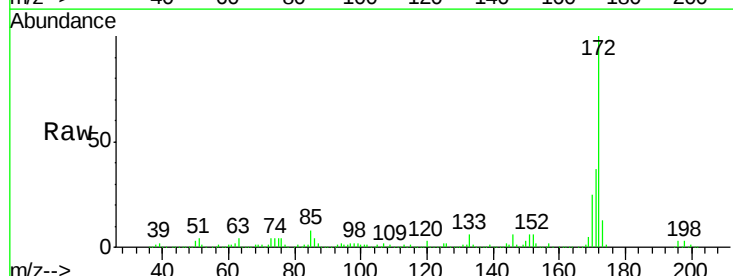
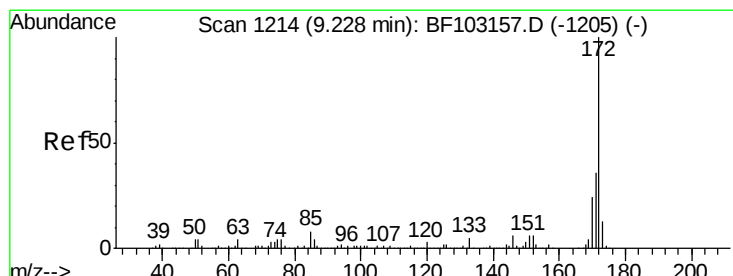
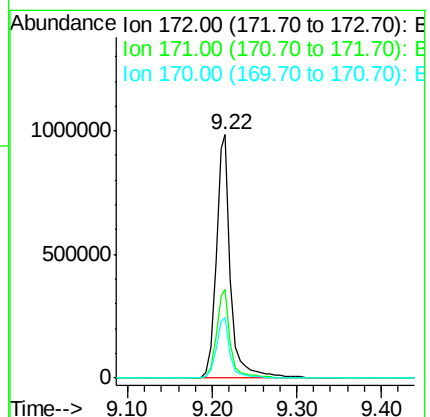
Manual Integrations  
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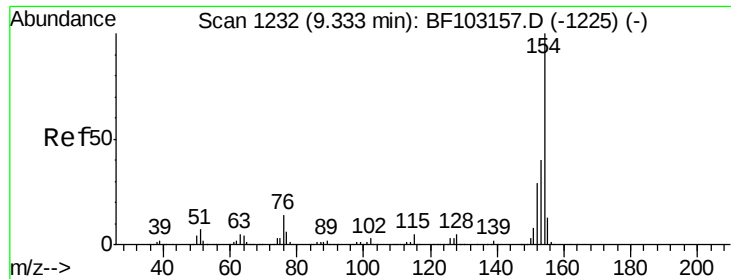
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 3/15/2018 6:58:00 PM



#44  
 2-Fluorobiphenyl  
 Concen: 91.952 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 172     | 100  |       | 1183086 |       |       |
| 171     | 36.7 | 29.7  | 44.5    |       |       |
| 170     | 24.7 | 19.6  | 29.4    |       |       |





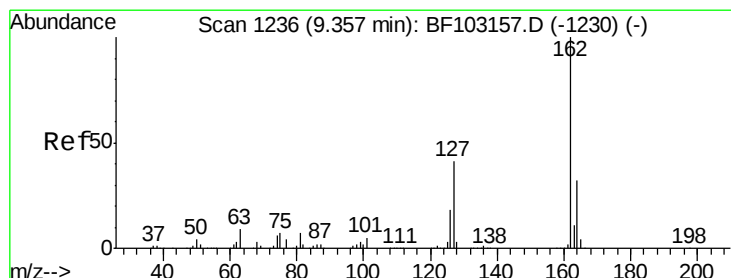
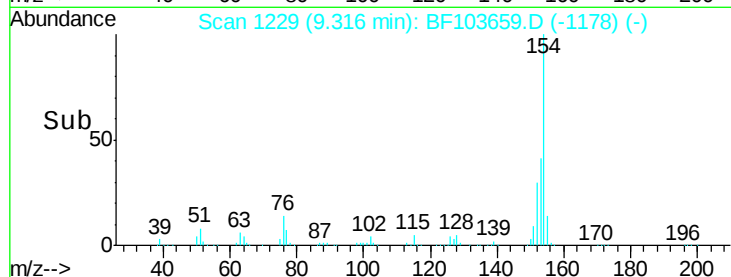
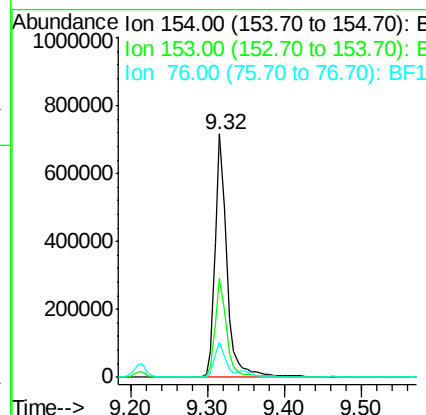
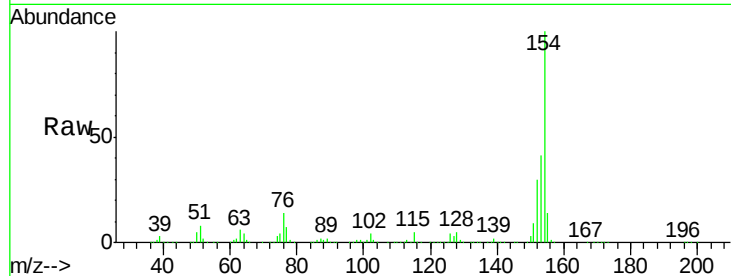
#45  
 1,1'-Biphenyl  
 Concen: 40.271 ng  
 RT: 9.32 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 154     | 100  |       |      |       |       |
| 153     | 40.7 | 21.3  | 61.3 |       |       |
| 76      | 14.3 | 0.0   | 34.0 |       |       |

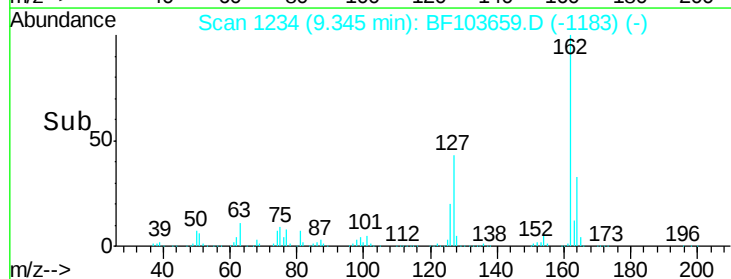
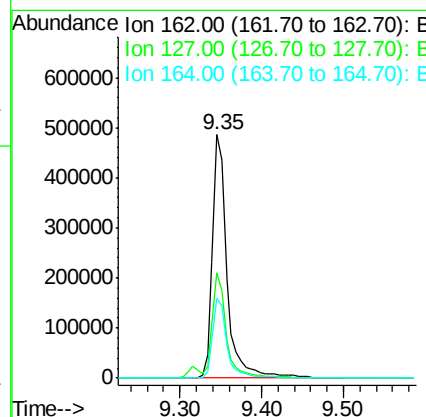
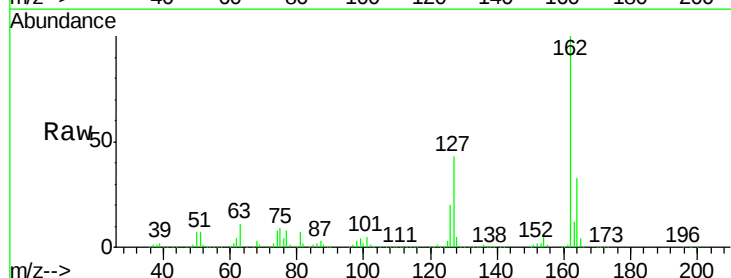
Manual Integrations  
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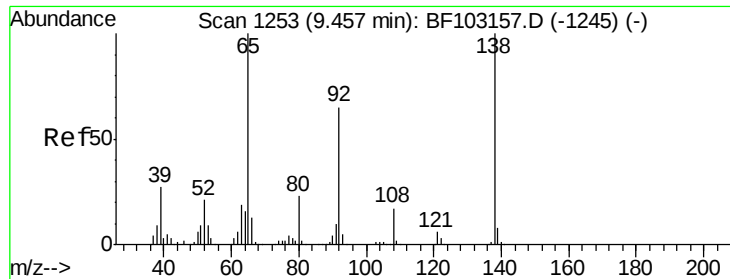
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#46  
 2-Chloronaphthalene  
 Concen: 40.283 ng  
 RT: 9.35 min Scan# 1234  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 162     | 100  |       |      |       |       |
| 127     | 43.1 | 33.9  | 50.9 |       |       |
| 164     | 32.7 | 26.5  | 39.7 |       |       |





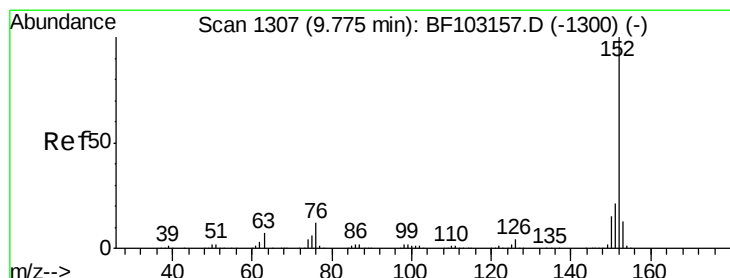
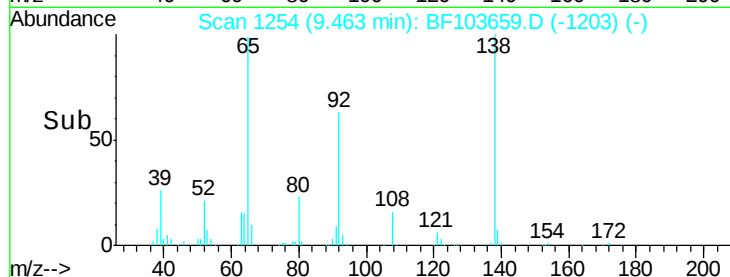
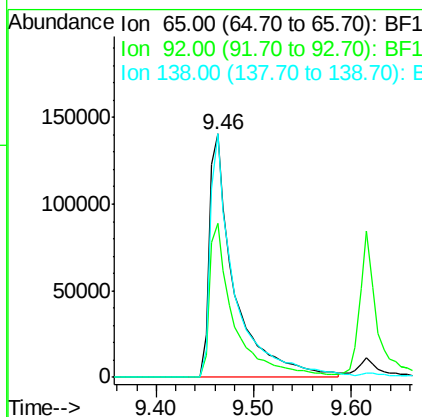
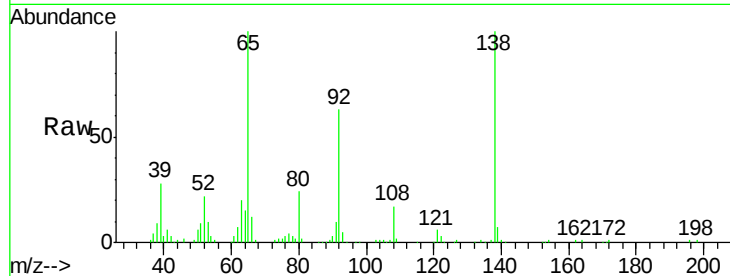
#47  
2-Nitroaniline  
Concen: 44.365 ng  
RT: 9.46 min Scan# 1254  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.4  | 55.8  | 83.6  |
| 138     | 100.0 | 91.2  | 136.8 |

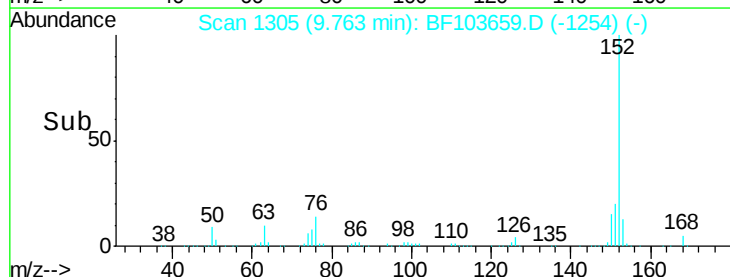
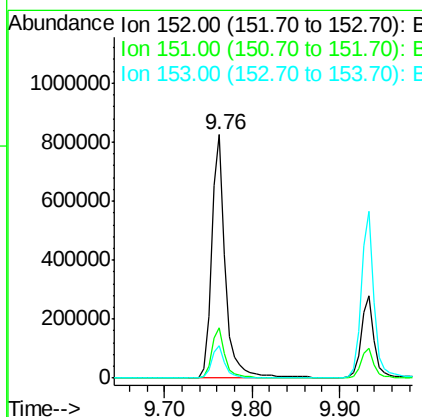
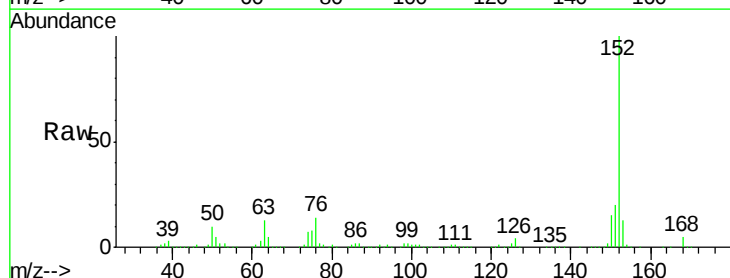
Manual Integrations  
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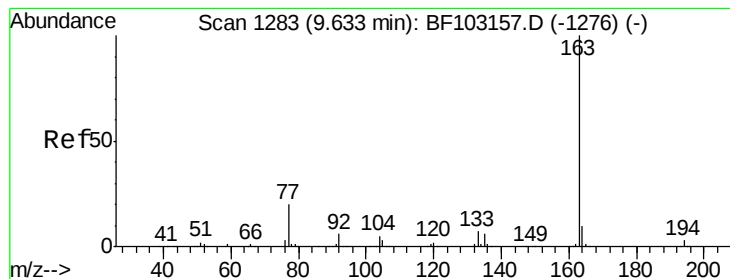
Sohil  
3/15/2018 6:58:00 PM



#48  
Acenaphthylene  
Concen: 38.517 ng  
RT: 9.76 min Scan# 1305  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.3  | 24.5  |
| 153     | 13.4  | 10.7  | 16.1  |





#49

Dimethylphthalate

Concen: 38.586 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

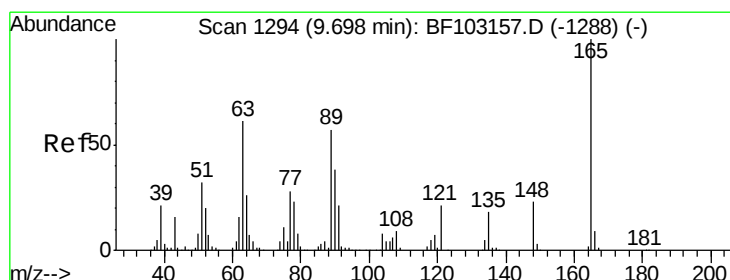
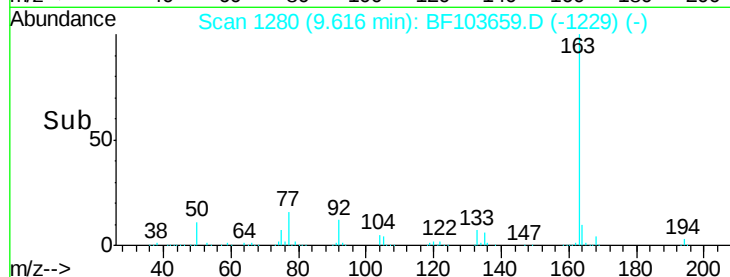
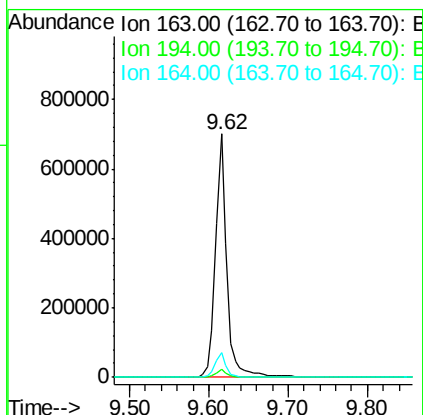
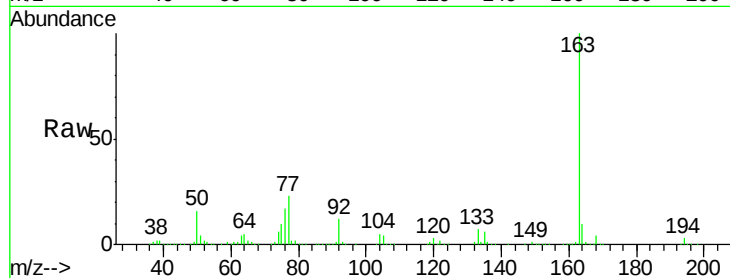
ClientSampleId :

PB107370BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 699370 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.2   | 2.7   | 4.1    |
| 164       | 10.2  | 8.2   | 12.2   |

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#50

2,6-Dinitrotoluene

Concen: 38.489 ng

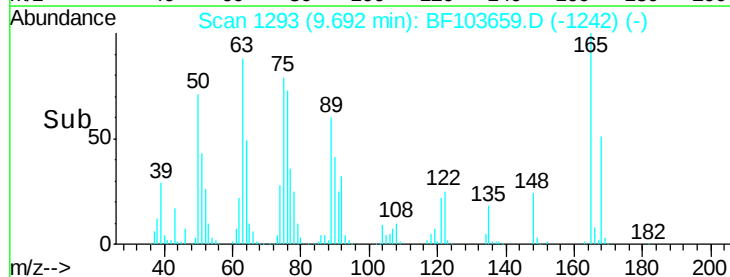
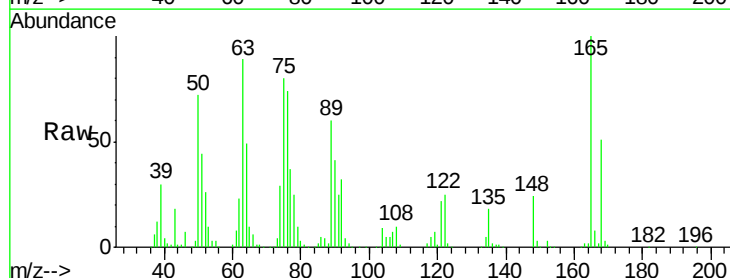
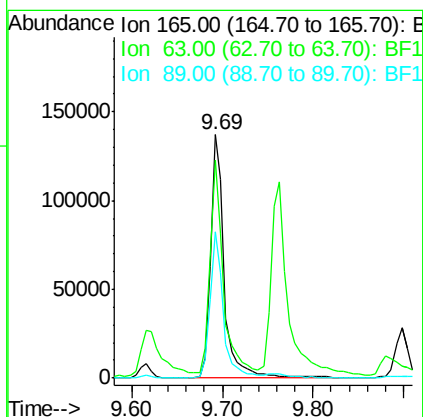
RT: 9.69 min Scan# 1293

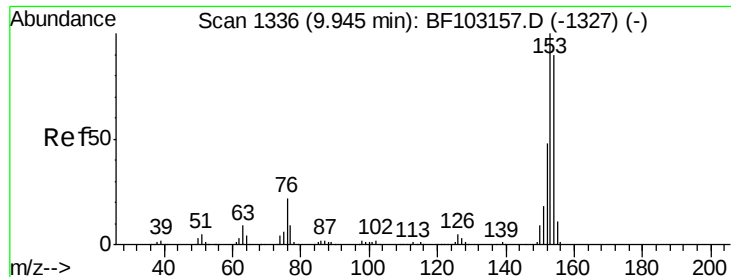
Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 146394 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 89.4  | 44.7  | 67.1#  |
| 89        | 60.1  | 44.0  | 66.0   |





#51

Acenaphthene

Concen: 37.942 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

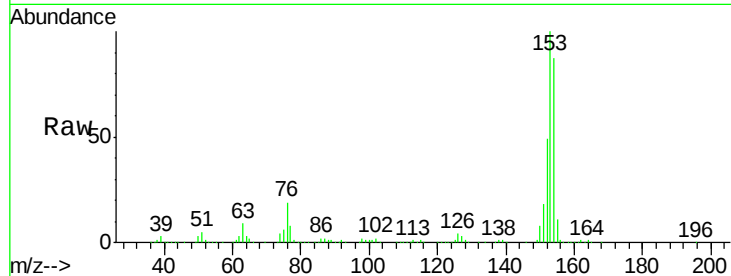
ClientSampleId :

PB107370BSD

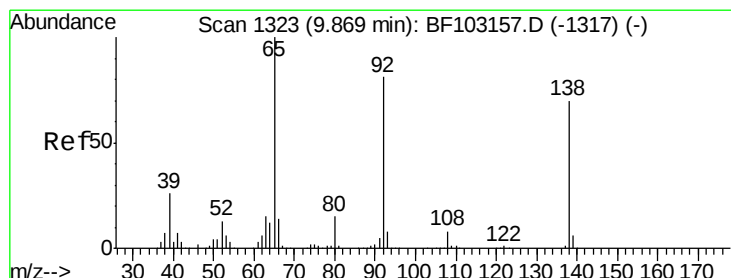
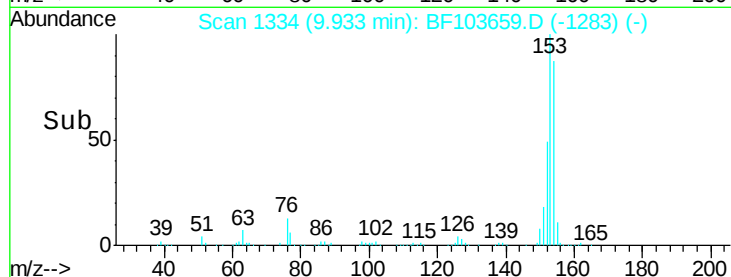
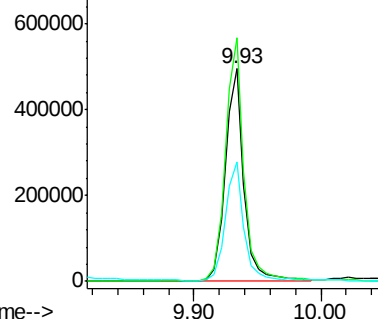
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 509859 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.6 | 91.2  | 136.8  |
| 152       | 56.0  | 43.8  | 65.8   |

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



#52

3-Nitroaniline

Concen: 24.402 ng

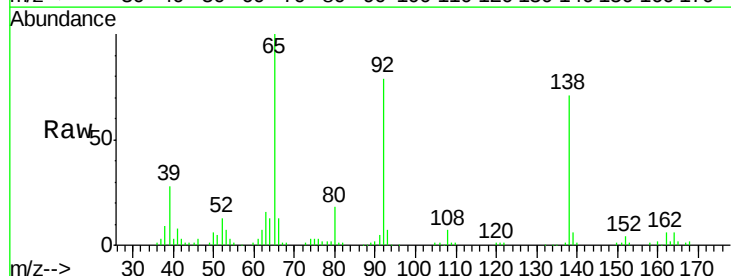
RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

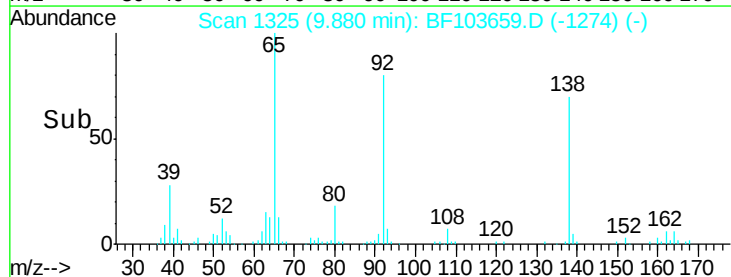
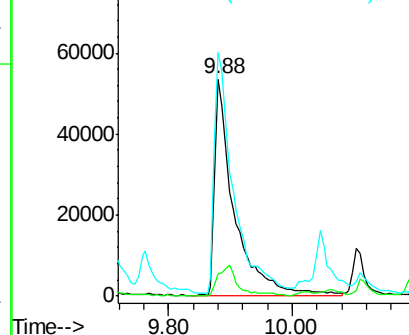
Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 117758 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.1  | 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





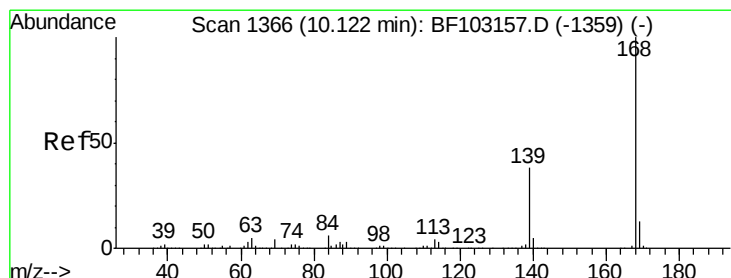
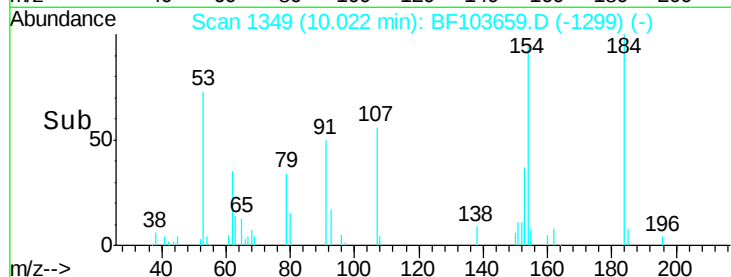
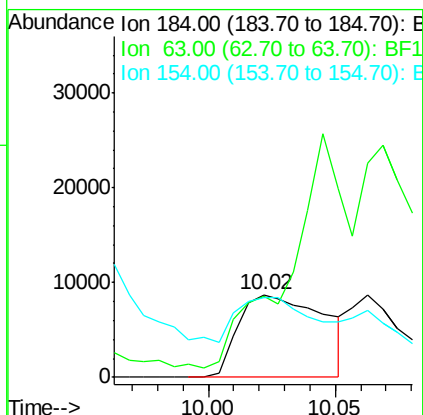
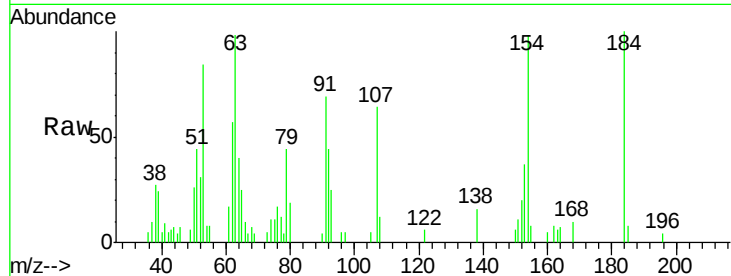
#53  
2,4-Dinitrophenol  
Concen: 22.665 ng  
RT: 10.02 min Scan# 1349  
Delta R.T. -0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

Tot Ion:184 Resp: 20371  
Ion Ratio Lower Upper  
184 100  
63 98.1 54.2 81.2#  
154 97.6 184.0 276.0#

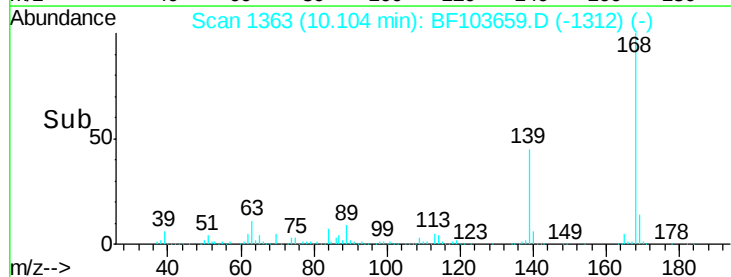
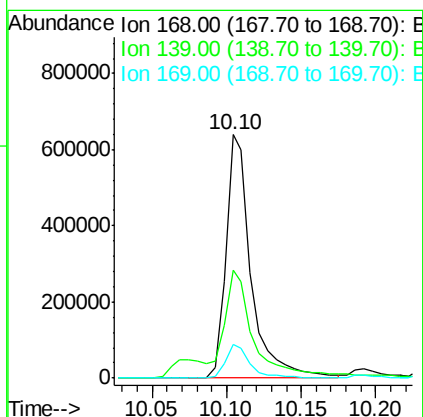
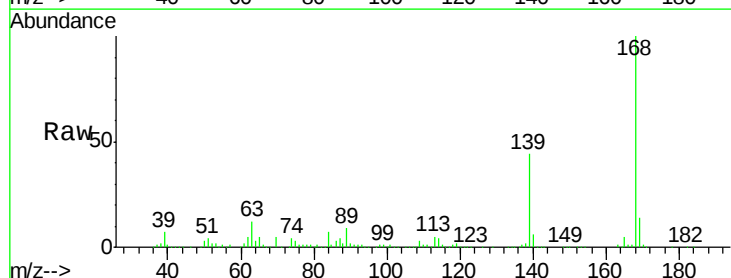
Manual Integrations  
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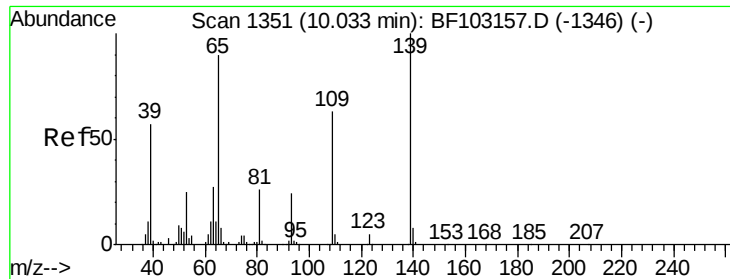
Sohil  
3/15/2018 6:58:00 PM



#54  
Dibenzofuran  
Concen: 40.993 ng  
RT: 10.10 min Scan# 1363  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Tgt Ion:168 Resp: 756180  
Ion Ratio Lower Upper  
168 100  
139 44.3 30.1 45.1  
169 13.8 10.9 16.3





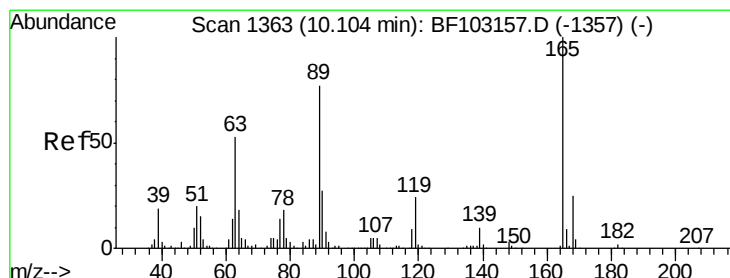
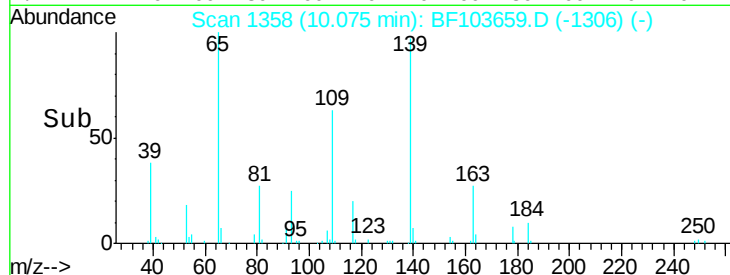
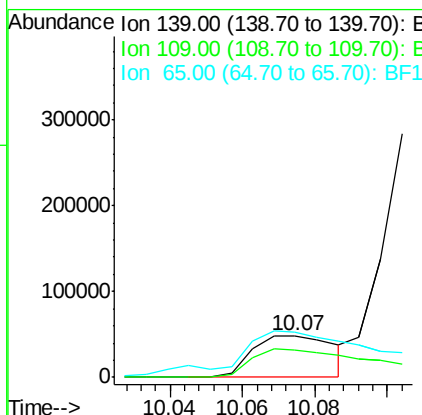
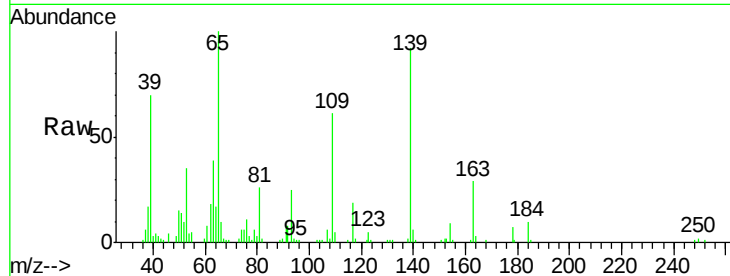
#55  
4-Nitrophenol  
Concen: 25.540 ng  
RT: 10.07 min Scan# 1358  
Delta R.T. 0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.5  | 48.4  | 88.4  |
| 65      | 108.4 | 72.6  | 112.6 |

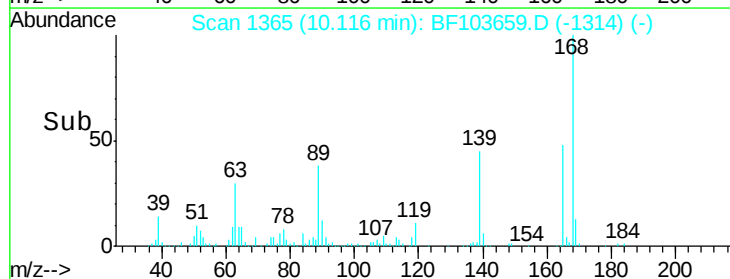
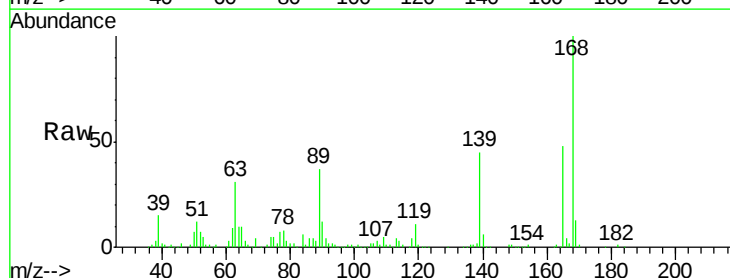
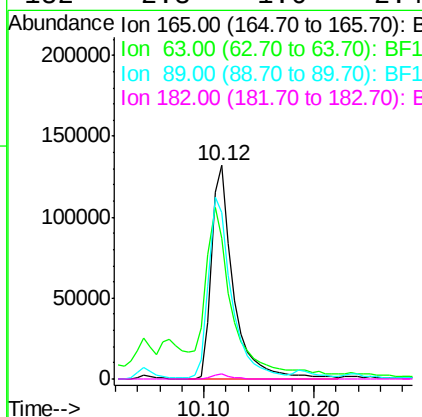
Manual Integrations  
APPROVED

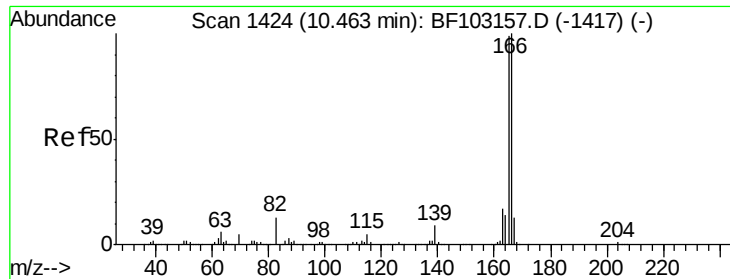
Sohil  
3/15/2018 6:58:00 PM



#56  
2,4-Dinitrotoluene  
Concen: 37.816 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 65.7  | 36.4  | 54.6# |
| 89      | 78.2  | 57.8  | 86.6  |
| 182     | 2.3   | 1.6   | 2.4   |





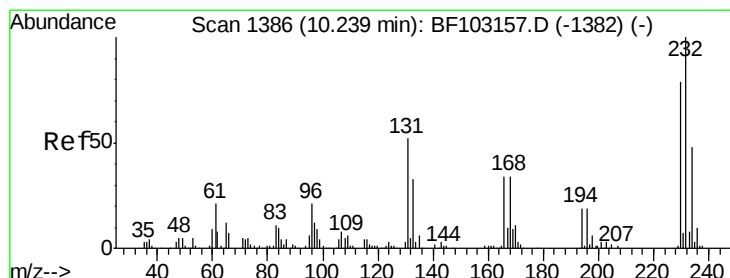
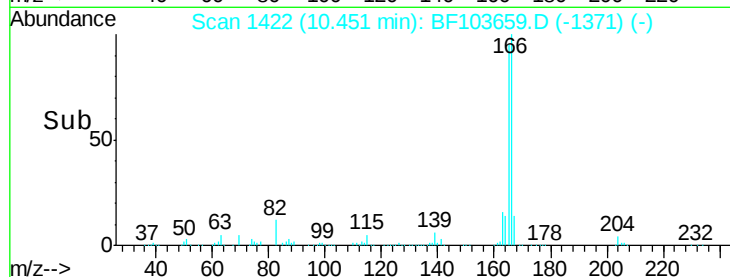
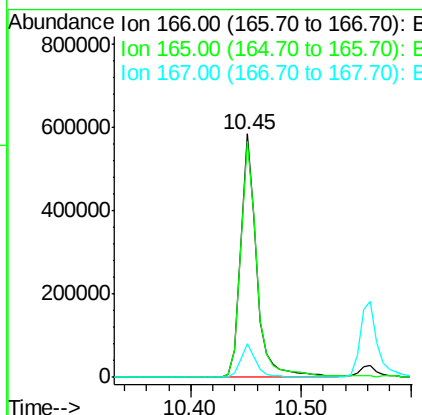
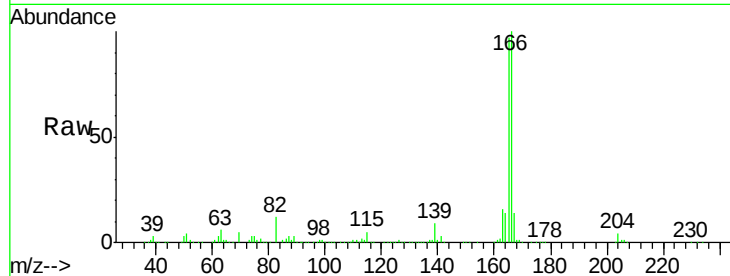
#57  
 Fluorene  
 Concen: 37.758 ng  
 RT: 10.45 min Scan# 1422  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.7  | 79.8  | 119.8 |
| 167     | 13.7  | 10.6  | 16.0  |

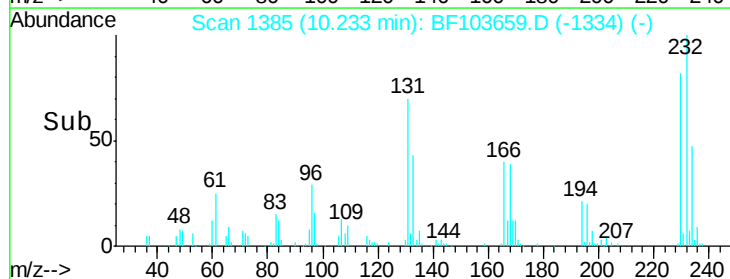
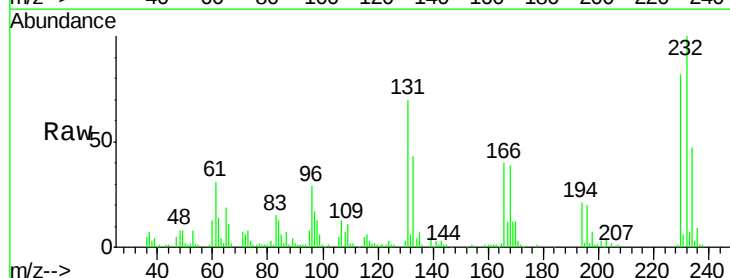
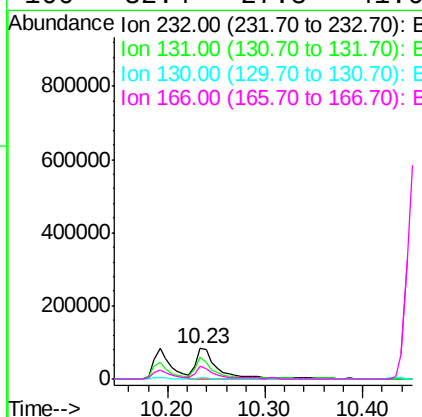
Manual Integrations  
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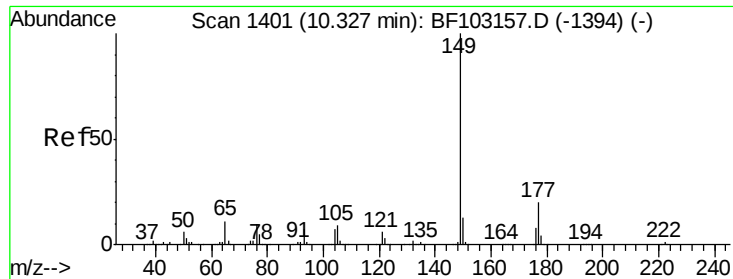
Sohil  
 3/15/2018 6:58:00 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.938 ng  
 RT: 10.23 min Scan# 1385  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 58.0  | 43.8  | 65.8  |
| 130     | 3.2   | 2.1   | 3.1#  |
| 166     | 32.4  | 27.8  | 41.6  |





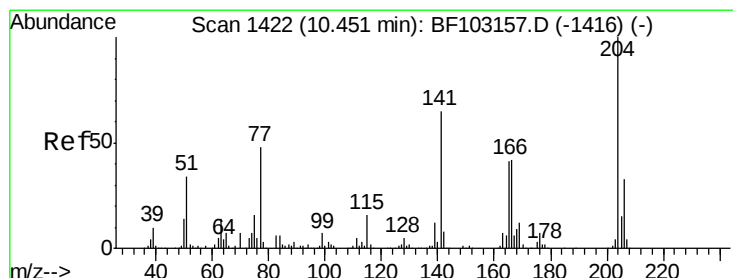
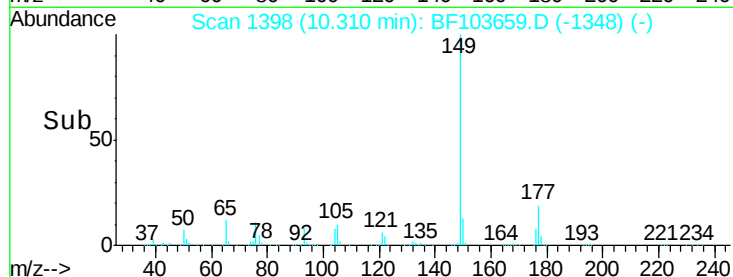
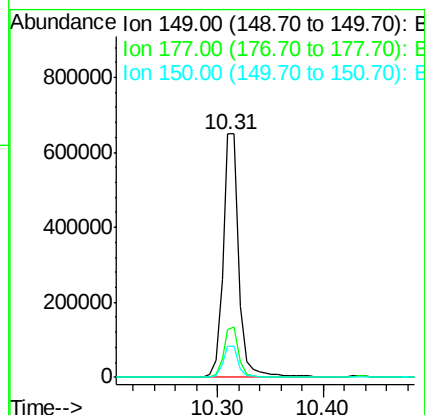
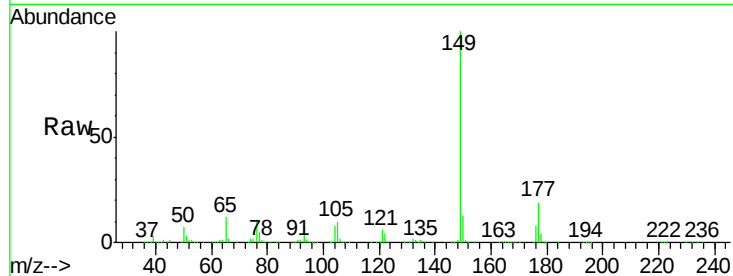
#59  
Diethylphthalate  
Concen: 39.493 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. -0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 684611 |       |       |
| 177     | 19.4  | 16.1   | 24.1  |       |
| 150     | 12.8  | 10.1   | 15.1  |       |

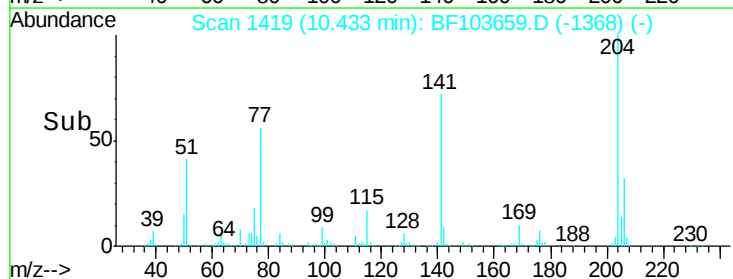
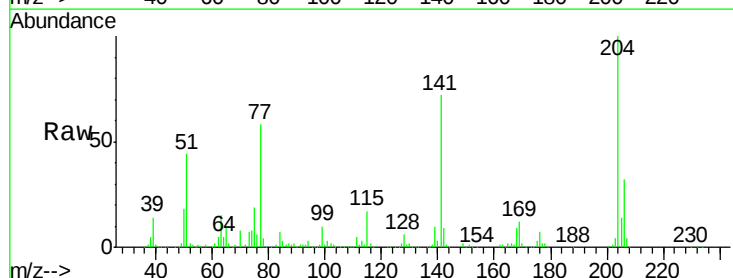
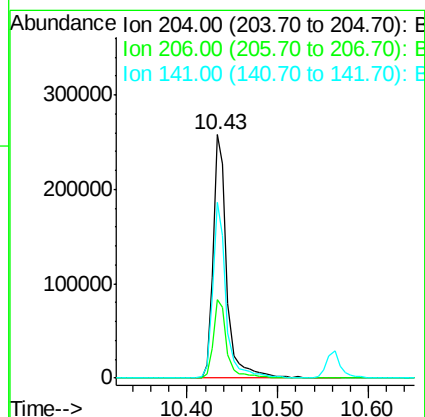
Manual Integrations  
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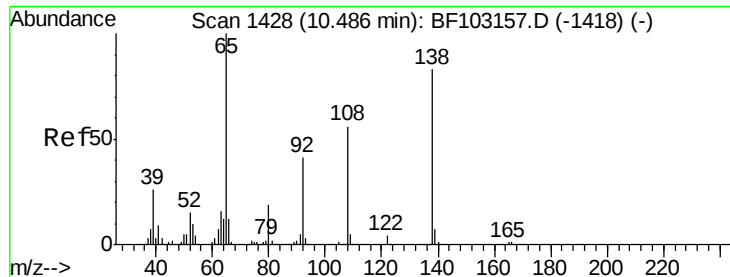
Sohil  
3/15/2018 6:58:00 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 41.138 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 274137 |       |       |
| 206     | 32.4  | 26.5   | 39.7  |       |
| 141     | 72.3  | 54.6   | 81.8  |       |





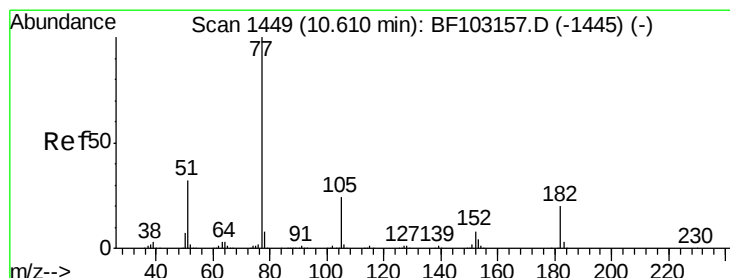
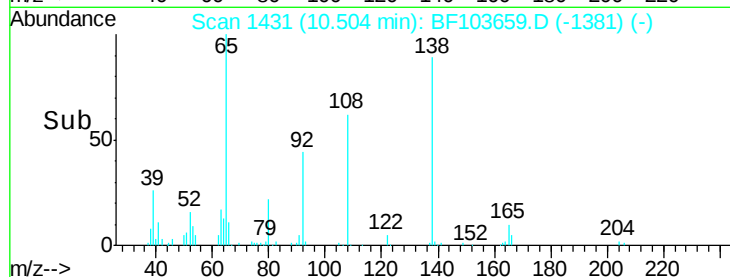
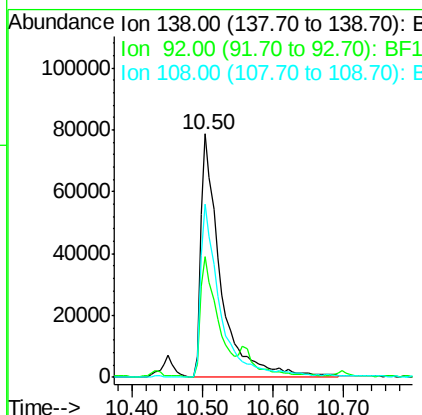
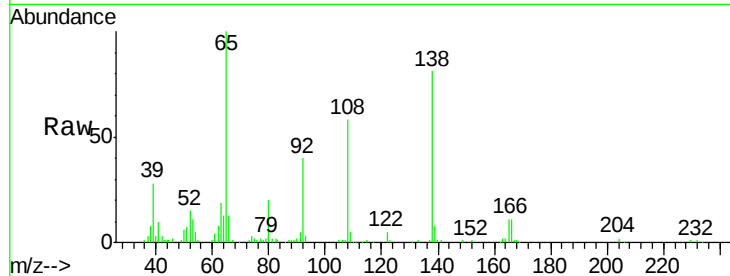
#61  
4-Nitroaniline  
Concen: 31.546 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. -0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.6  | 30.2  | 70.2  |
| 108     | 71.0  | 52.5  | 92.5  |

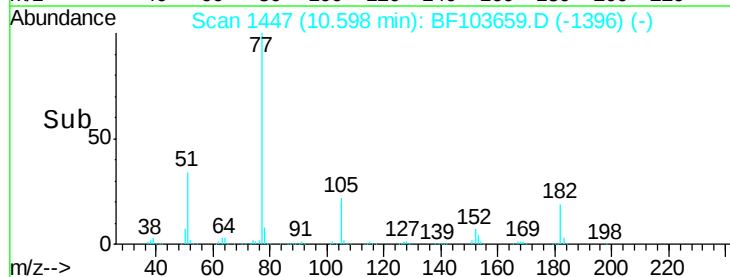
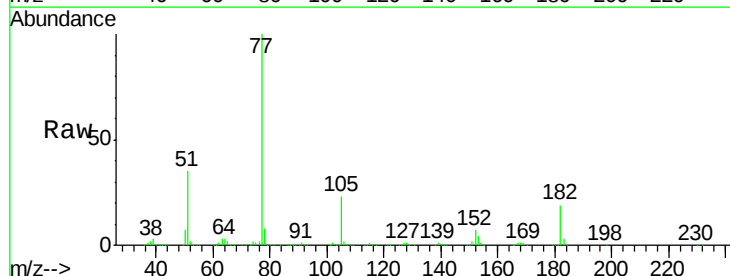
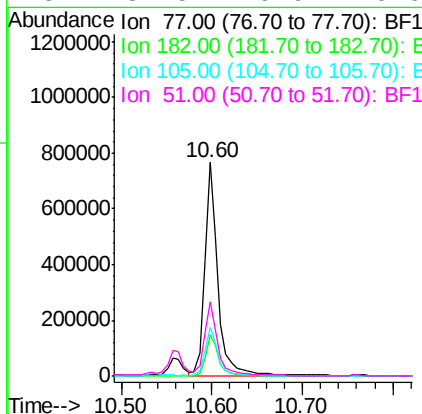
Manual Integrations  
APPROVED

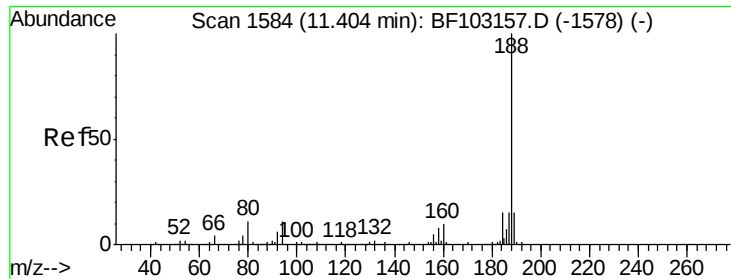
Sohil  
3/15/2018 6:58:00 PM



#62  
Azobenzene  
Concen: 44.063 ng  
RT: 10.60 min Scan# 1447  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 19.2  | 1.7   | 41.7  |
| 105     | 23.0  | 3.0   | 43.0  |
| 51      | 34.5  | 9.9   | 49.9  |





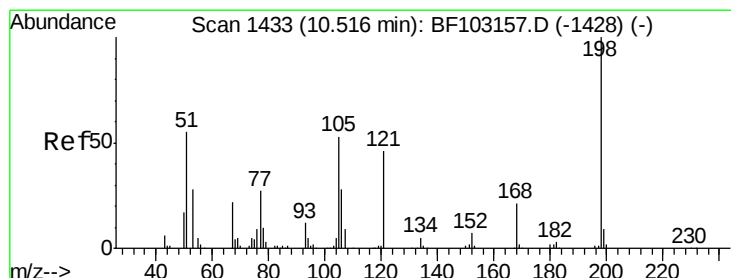
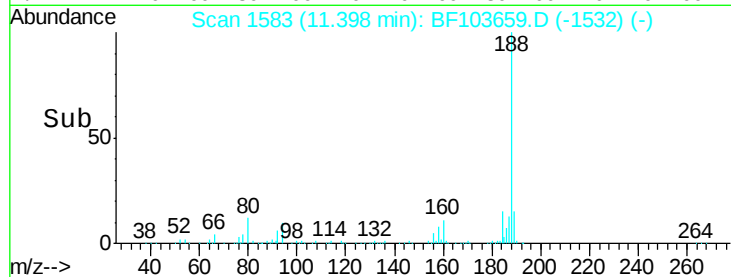
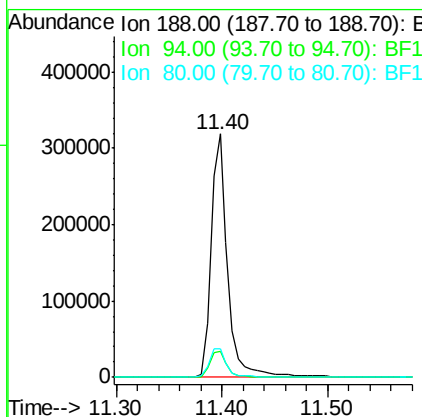
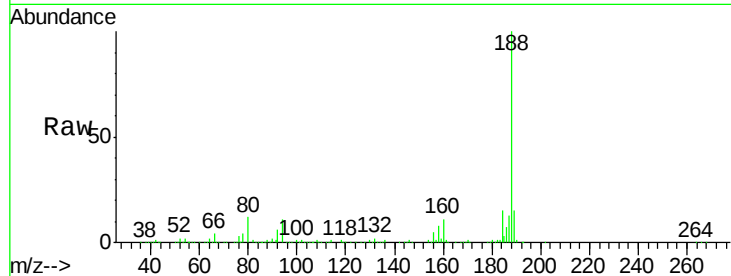
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 350042 |       |       |
| 94      | 10.6  |        | 8.5   | 12.7  |
| 80      | 11.8  |        | 9.2   | 13.8  |

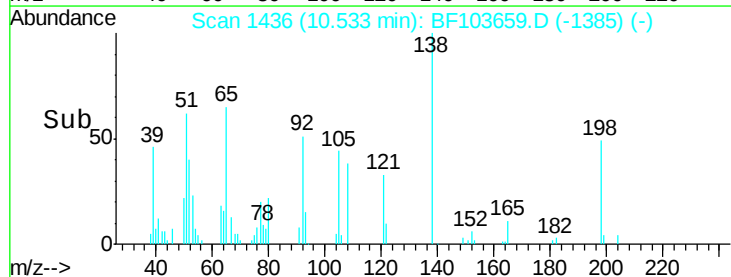
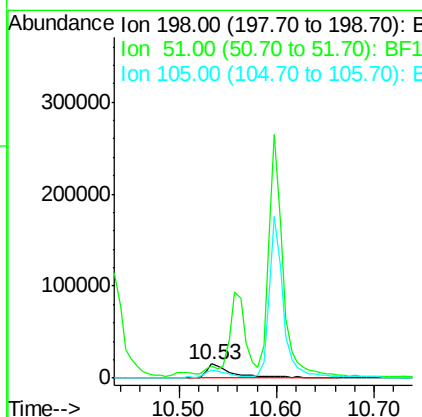
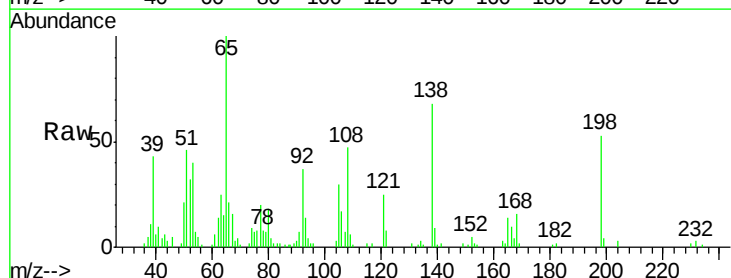
Manual Integrations  
APPROVED

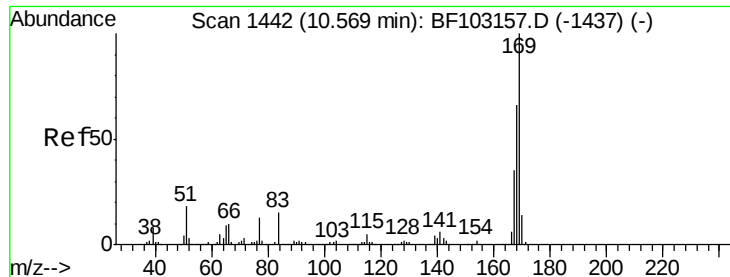
Sohil  
3/15/2018 6:58:00 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 17.489 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 29784 |       |       |
| 51      | 86.7  |       | 37.7  | 77.7# |
| 105     | 56.3  |       | 36.3  | 76.3  |





#65

n-Nitrosodiphenylamine

Concen: 45.424 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

ClientSampleId :

PB107370BSD

Tot Ion:169 Resp: 553625

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

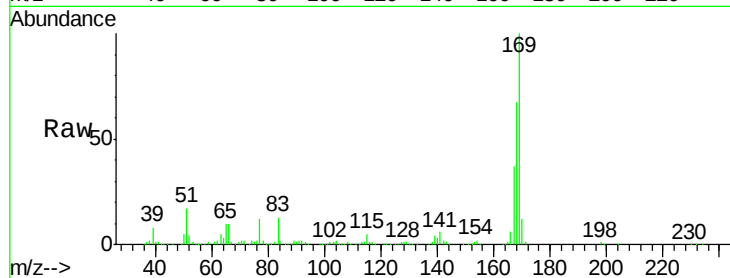
167 36.5 29.8 44.6

Manual Integrations

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Sohil

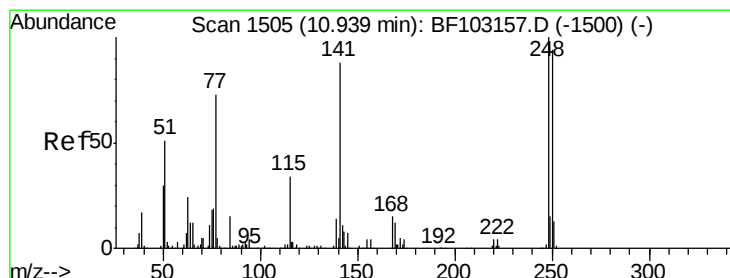
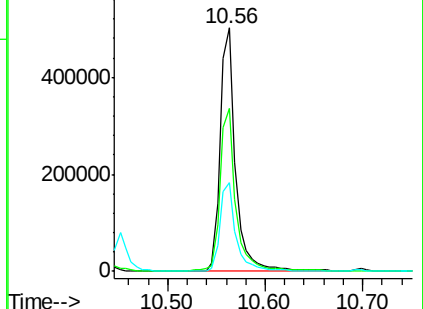
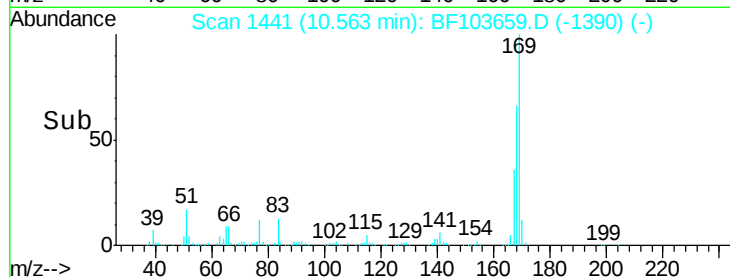
3/15/2018 6:58:00 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.099 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

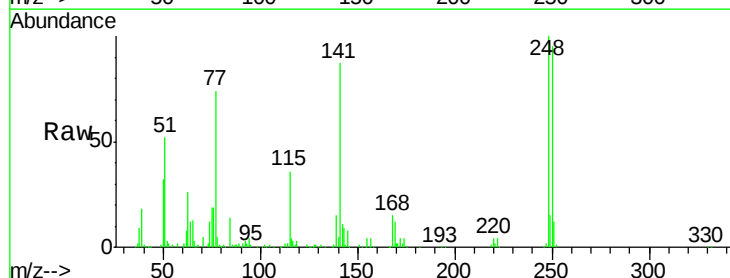
Tgt Ion:248 Resp: 153509

Ion Ratio Lower Upper

248 100

250 94.6 76.9 115.3

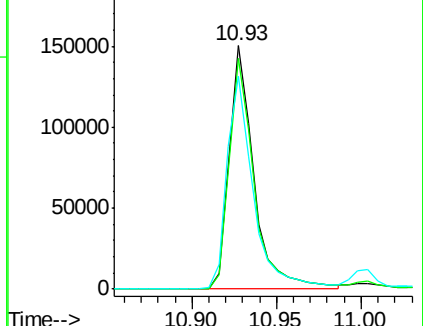
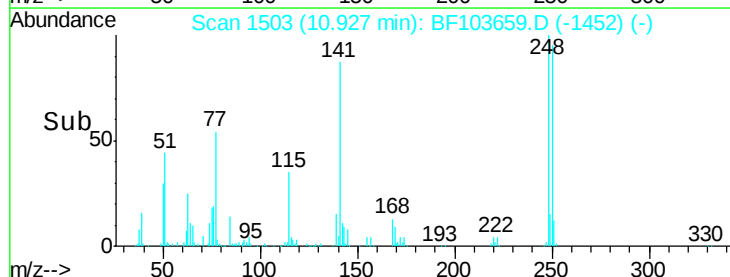
141 87.3 74.4 111.6

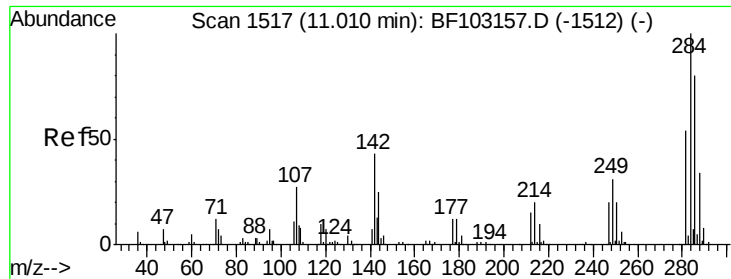


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





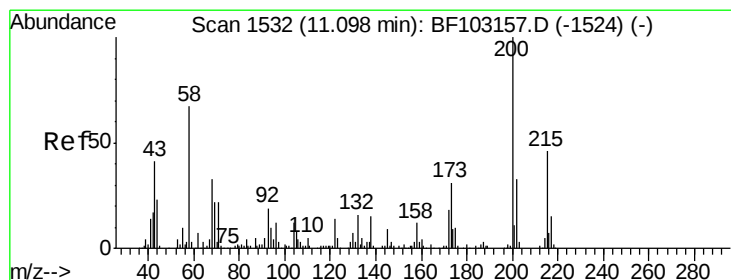
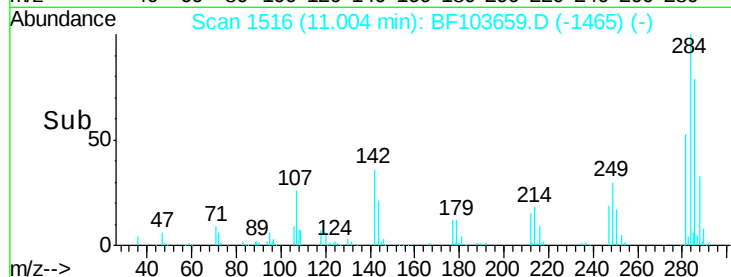
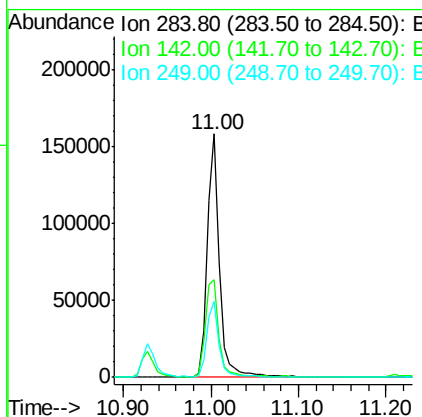
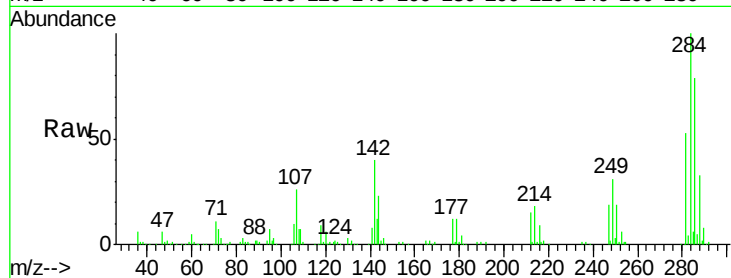
#67  
Hexachlorobenzene  
Concen: 38.883 ng  
RT: 11.00 min Scan# 1516  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 153890 |       |       |
| 142     | 40.2  | 34.6   | 52.0  |       |
| 249     | 31.2  | 24.8   | 37.2  |       |

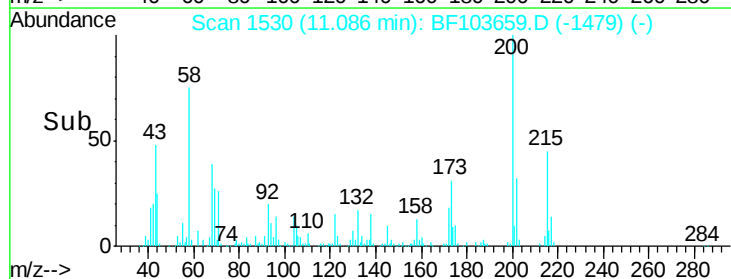
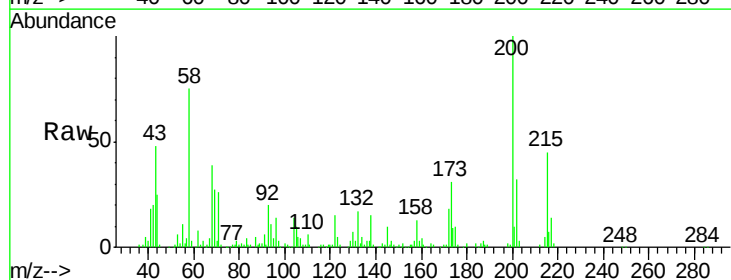
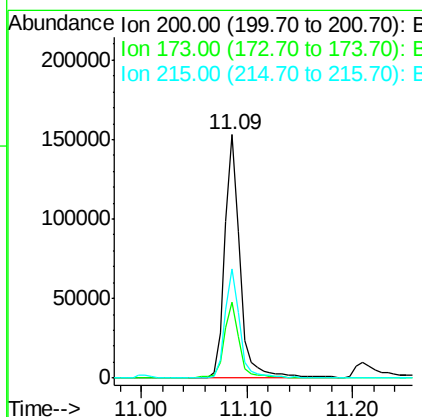
Manual Integrations  
APPROVED

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3/15/2018 6:58:00 PM



#68  
Atrazine  
Concen: 42.330 ng  
RT: 11.09 min Scan# 1530  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 155067 |       |       |
| 173     | 31.0  | 8.6    | 48.6  |       |
| 215     | 44.7  | 25.1   | 65.1  |       |





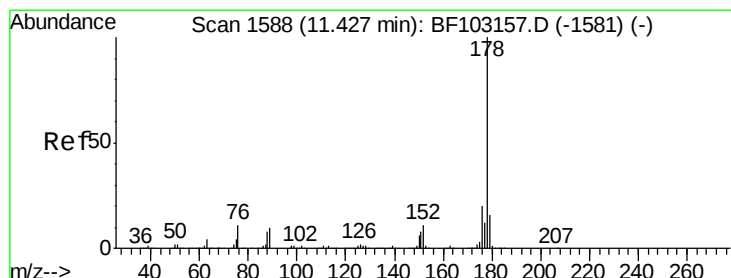
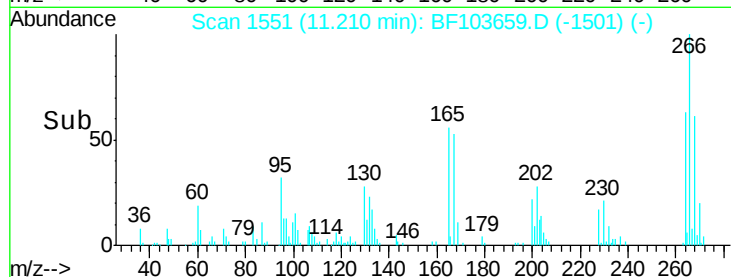
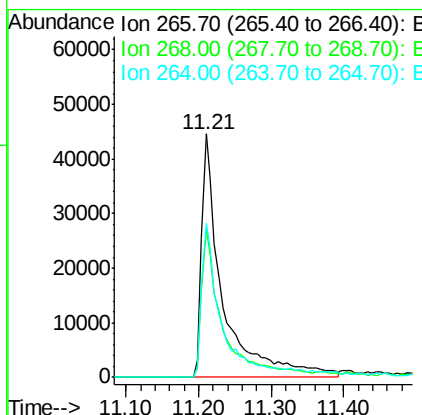
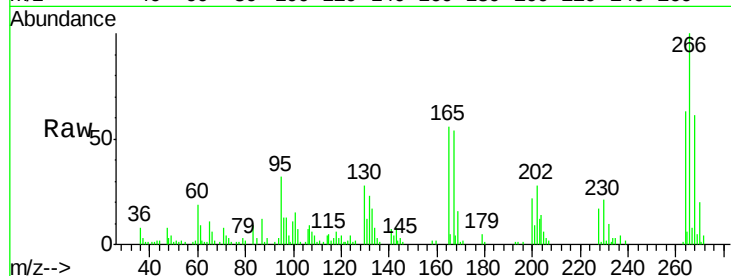
#69  
 Pentachlorophenol  
 Concen: 47.160 ng  
 RT: 11.21 min Scan# 1551  
 Delta R.T. -0.01 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 60.9  | 51.1  | 76.7  |
| 264     | 63.1  | 49.5  | 74.3  |

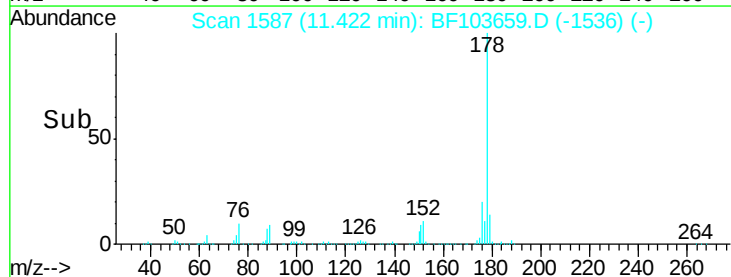
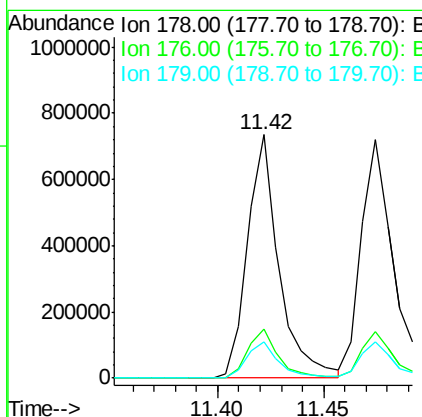
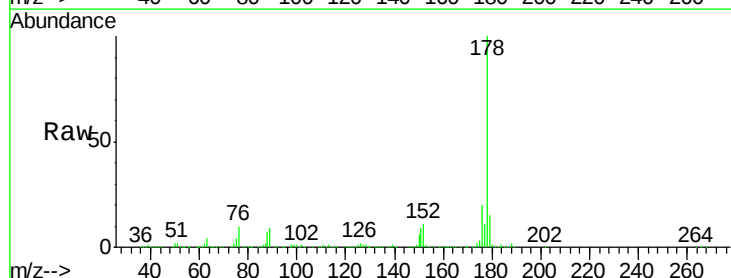
Manual Integrations  
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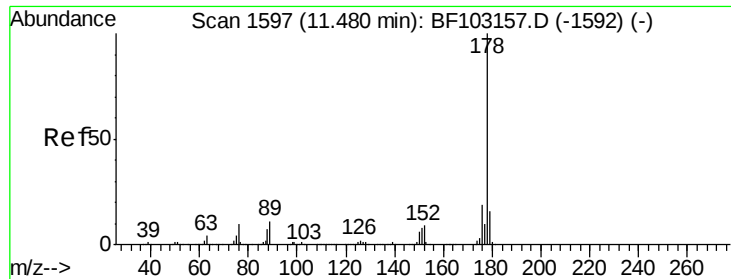
Sohil  
 3/15/2018 6:58:00 PM



#70  
 Phenanthrene  
 Concen: 39.638 ng  
 RT: 11.42 min Scan# 1587  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 15.8  | 23.8  |
| 179     | 14.9  | 13.0  | 19.6  |





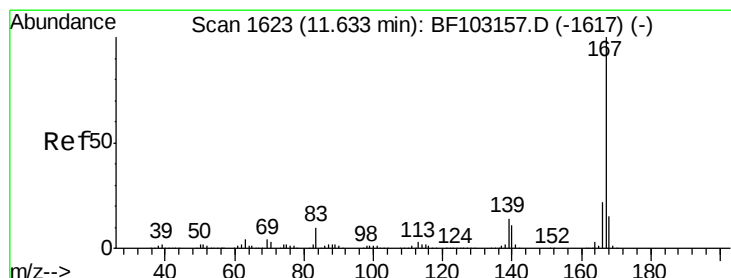
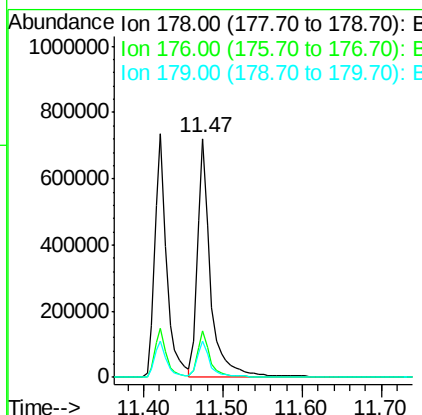
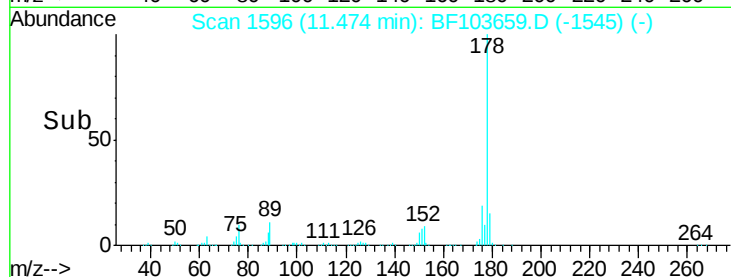
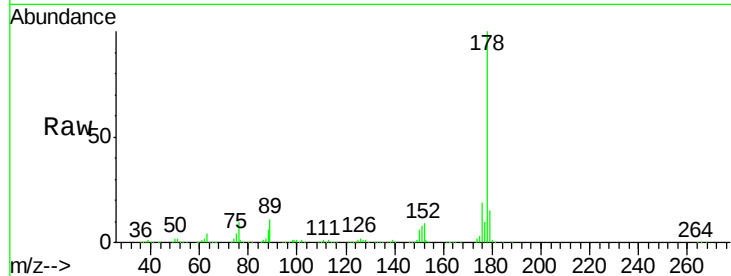
#71  
 Anthracene  
 Concen: 42.659 ng  
 RT: 11.47 min Scan# 1596  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.4  | 23.2  |
| 179     | 15.0  | 12.6  | 19.0  |

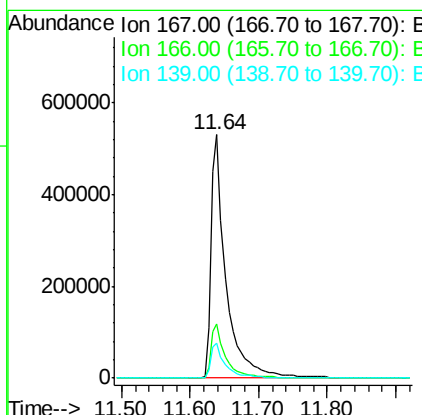
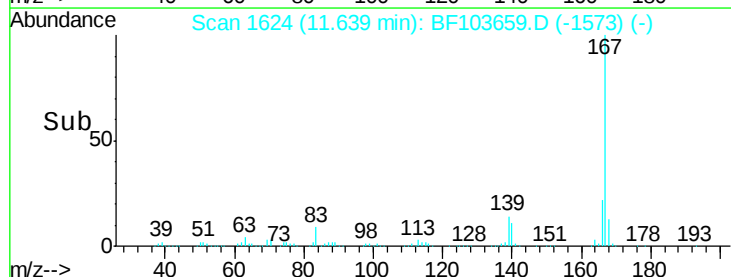
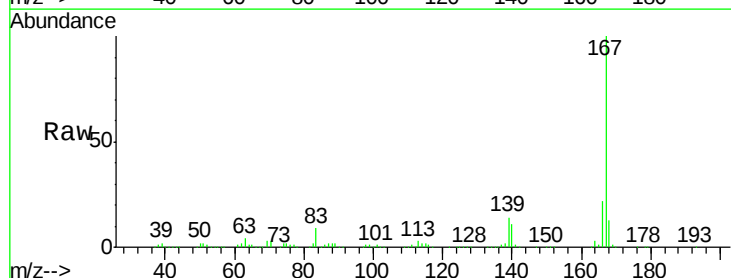
Manual Integrations  
 APPROVED

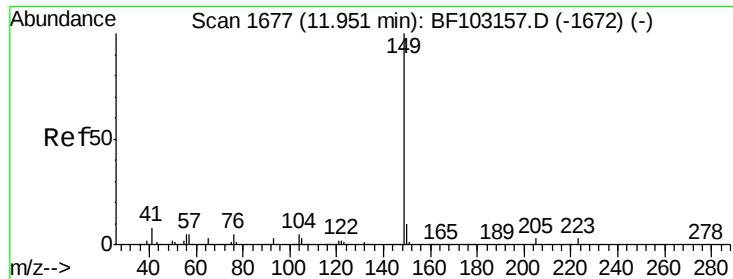
Sohil  
 3/15/2018 6:58:00 PM



#72  
 Carbazole  
 Concen: 40.670 ng  
 RT: 11.64 min Scan# 1624  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.6  | 26.4  |
| 139     | 14.4  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 42.200 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

ClientSampled :

PB107370BSD

Tot Ion:149 Resp: 1038748

Ion Ratio Lower Upper

149 100

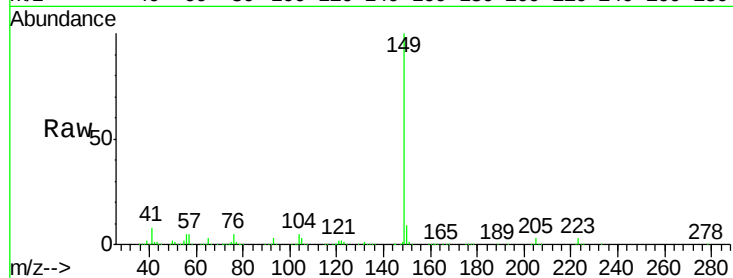
150 9.4 7.8 11.6

104 5.1 3.8 5.8

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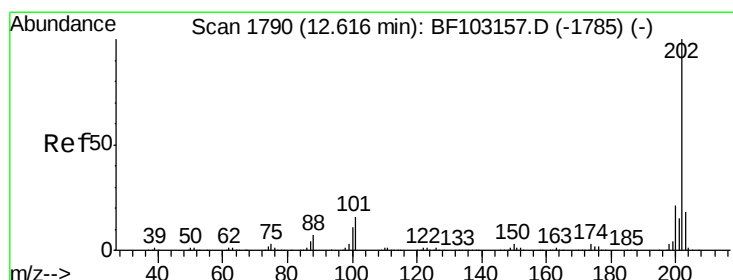
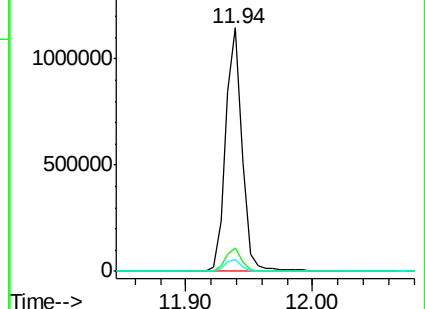
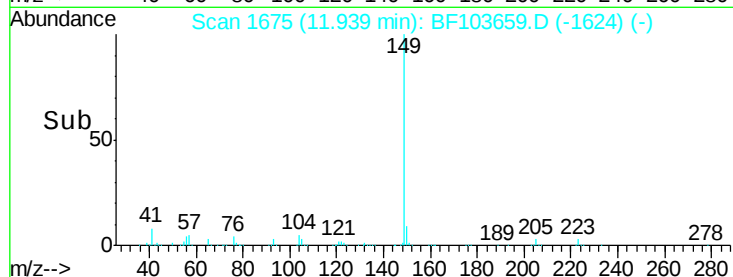
3/15/2018 6:58:00 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.989 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

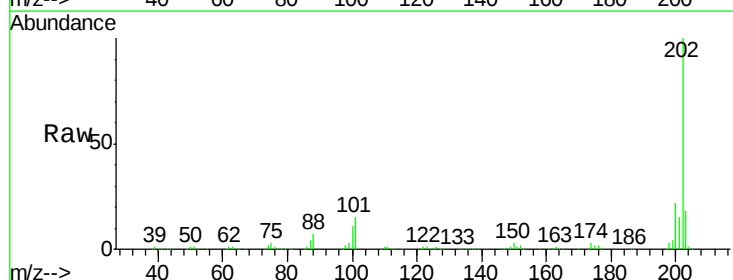
Tgt Ion:202 Resp: 716042

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

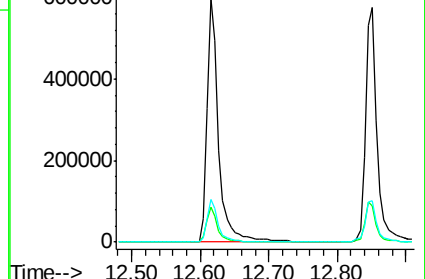
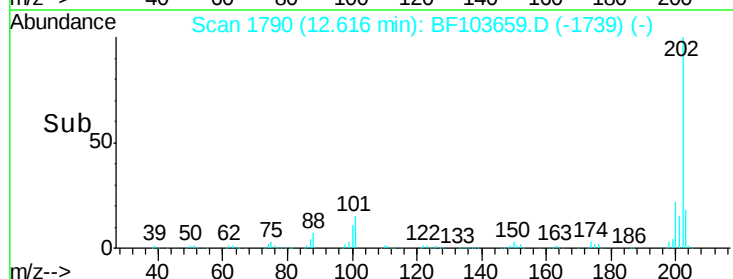
203 17.7 0.0 38.1

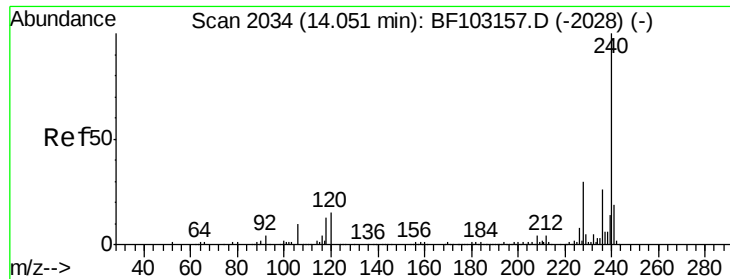


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

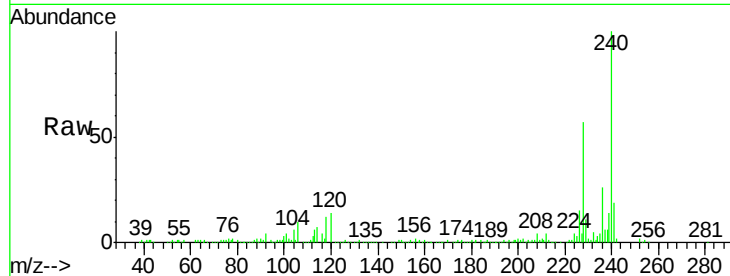
ClientSampleId :

PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.6  | 9.5   | 14.3  |
| 236     | 25.8  | 20.7  | 31.1  |

Manual Integrations  
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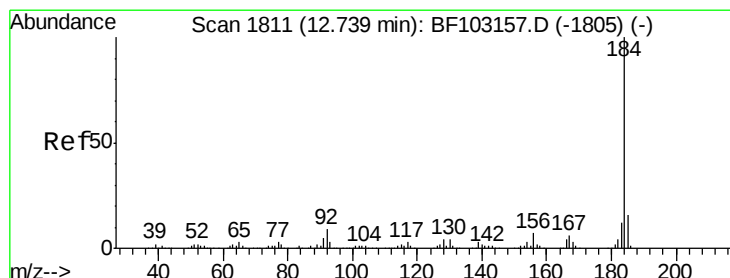
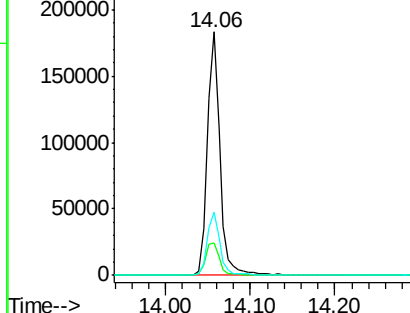
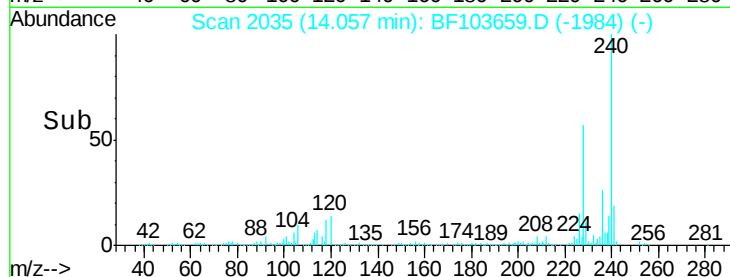
Sohil  
3/15/2018 6:58:00 PM



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



#76

Benzidine

Concen: 61.702 ng

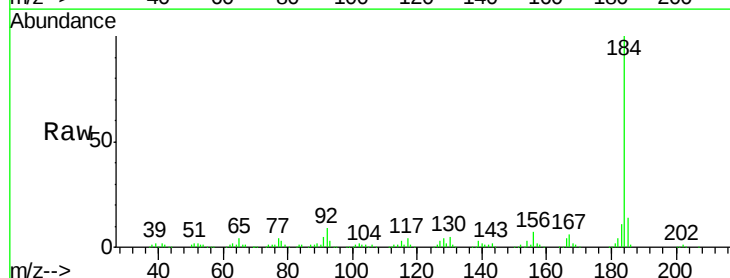
RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

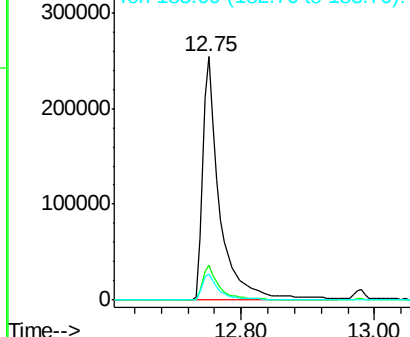
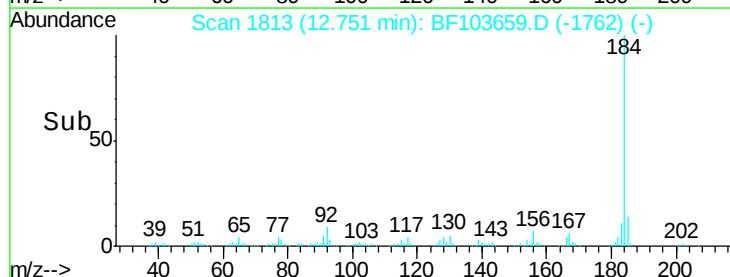
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.4  | 12.6  | 18.8  |
| 183     | 10.5  | 9.3   | 13.9  |

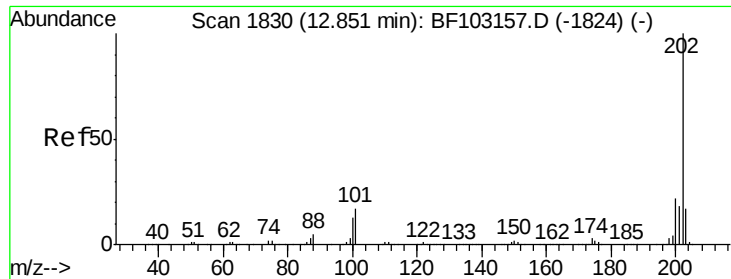


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





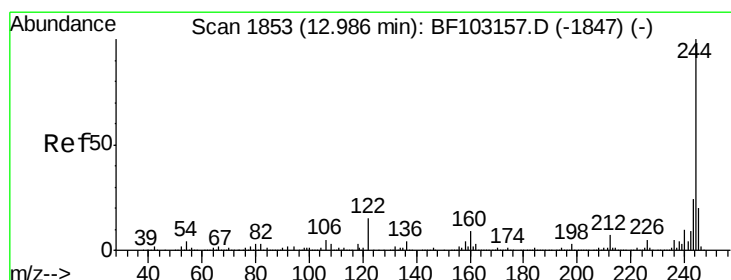
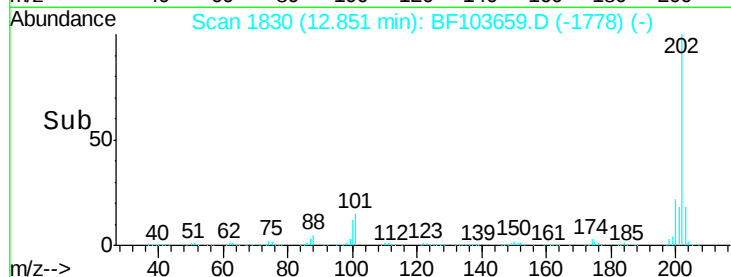
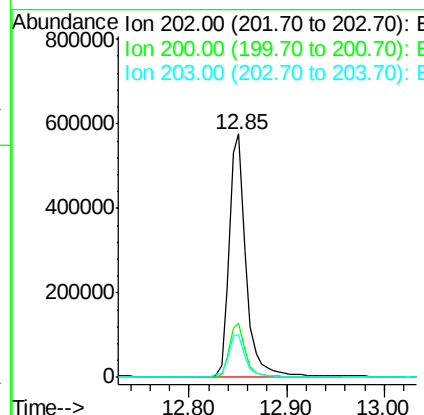
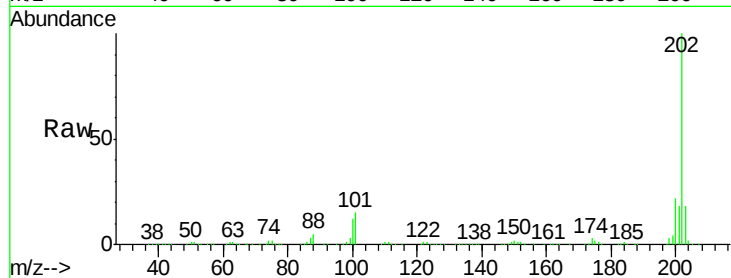
#77  
Pvrene  
Concen: 45.665 ng  
RT: 12.85 min Scan# 1830  
Delta R.T. 0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 22.4  | 17.4       | 26.2  |
| 203     | 17.6  | 14.3       | 21.5  |

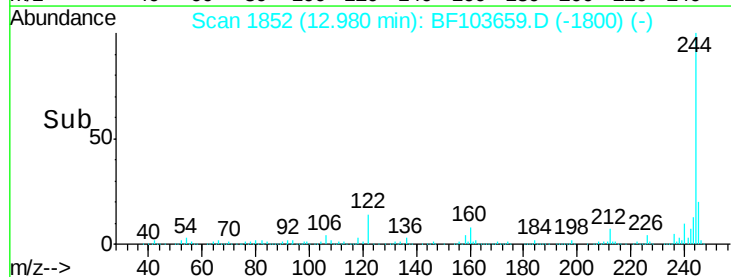
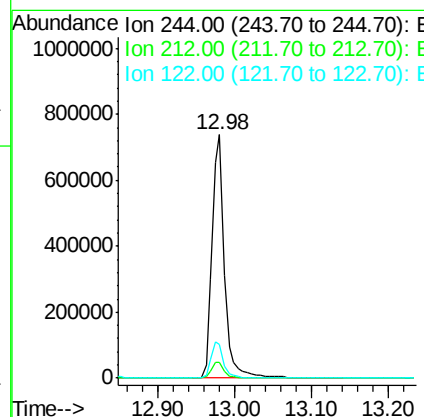
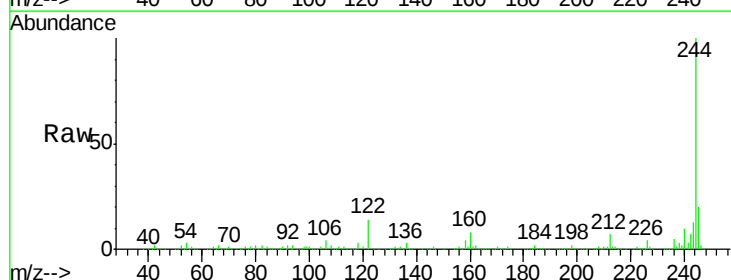
Manual Integrations  
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3/15/2018 6:58:00 PM



#78  
Terphenyl-d14  
Concen: 102.639 ng  
RT: 12.98 min Scan# 1852  
Delta R.T. 0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 6.7   | 5.4        | 8.0   |
| 122     | 13.8  | 11.0       | 16.4  |





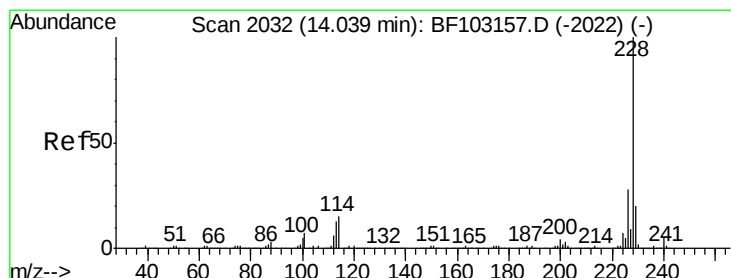
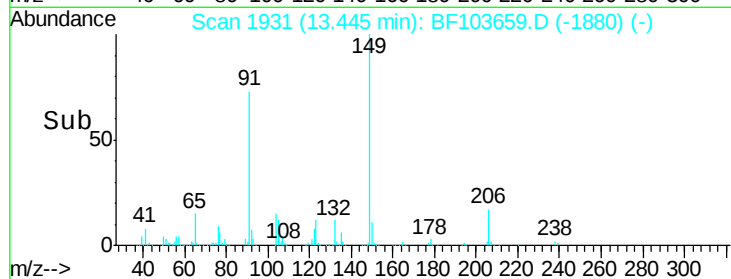
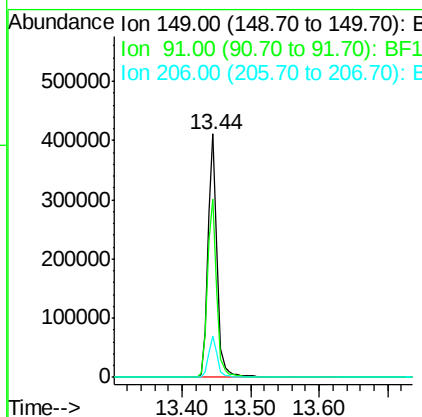
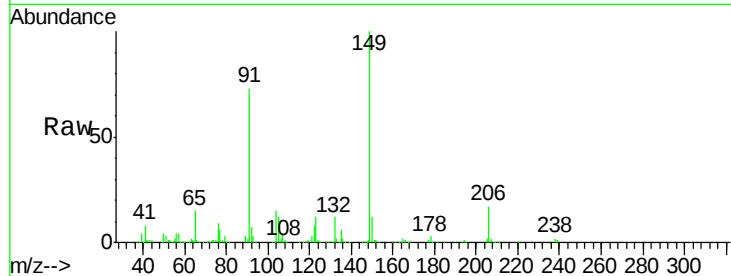
#79  
Butylbenzylphthalate  
Concen: 49.360 ng  
RT: 13.44 min Scan# 1931  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleID :  
PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 73.4  | 56.8  | 85.2  |
| 206     | 16.8  | 14.1  | 21.1  |

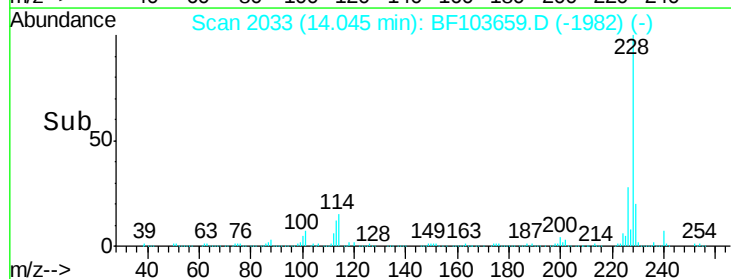
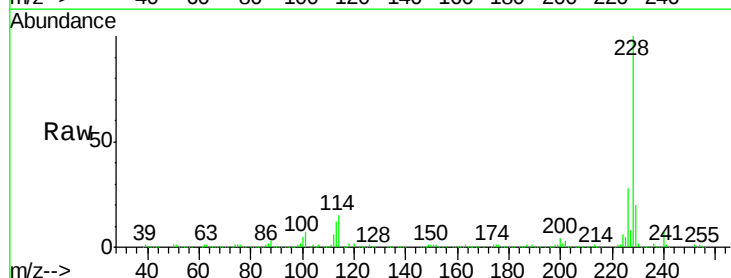
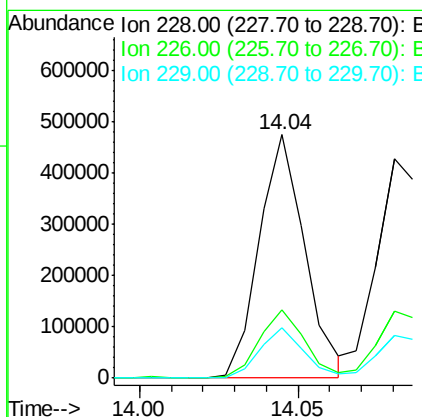
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3/15/2018 6:58:00 PM



#80  
Benzo(a)anthracene  
Concen: 38.233 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.1  | 22.6  | 33.8  |
| 229     | 20.5  | 15.8  | 23.6  |





#81

3,3'-Dichlorobenzidine

Concen: 40.580 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA\_F

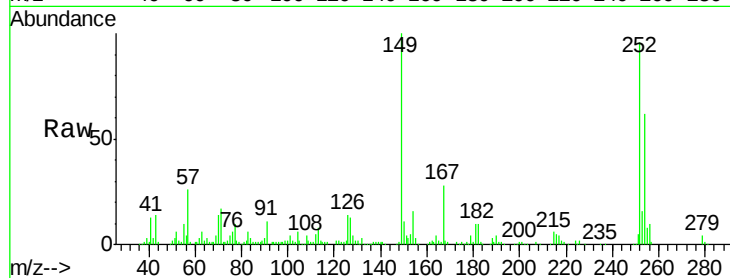
ClientSampleId :

PB107370BSD

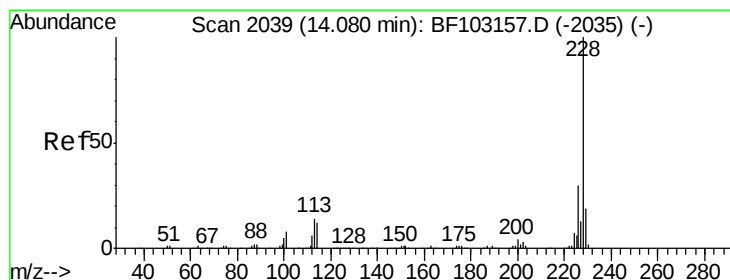
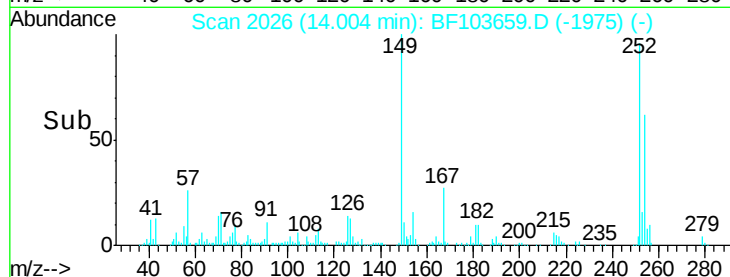
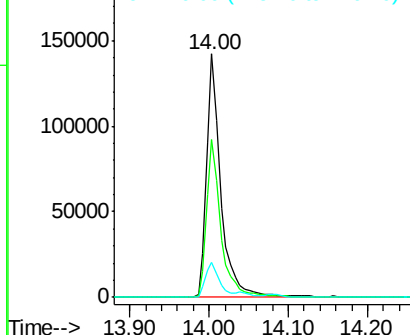
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 180536 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.7  | 50.4  | 75.6   |
| 126       | 14.2  | 11.3  | 16.9   |

Manual Integrations  
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3/15/2018 6:58:00 PM



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



#82

Chrysene

Concen: 42.697 ng

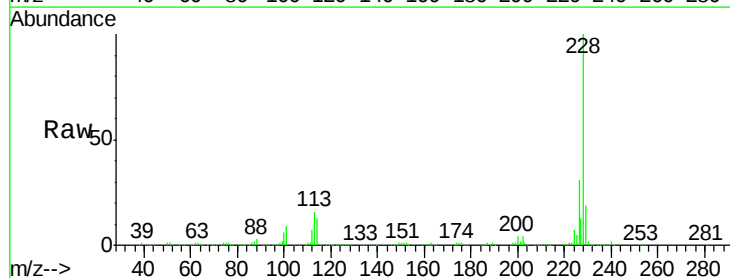
RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

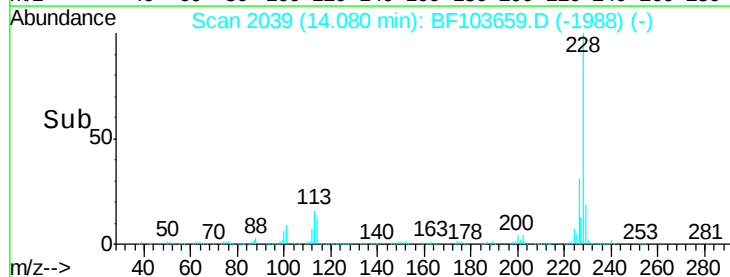
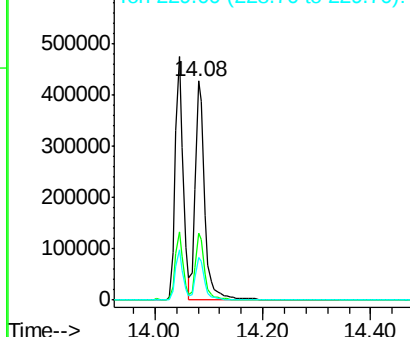
Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 516824 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.5  | 25.0  | 37.6   |
| 229       | 19.5  | 16.2  | 24.4   |



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





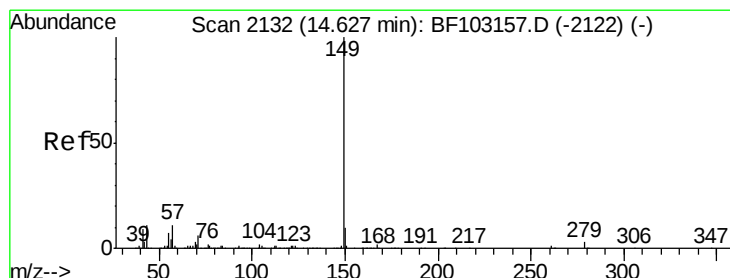
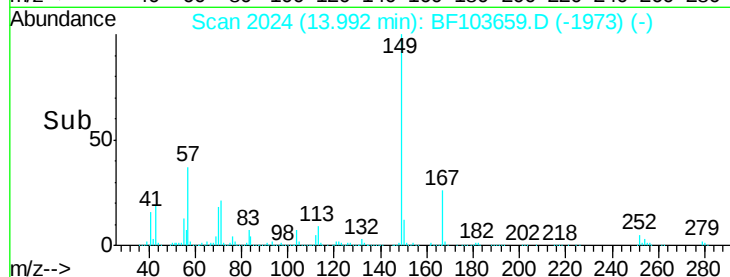
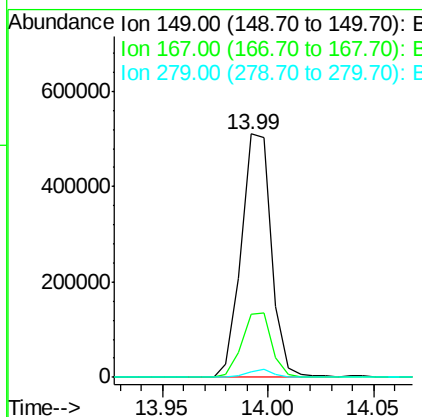
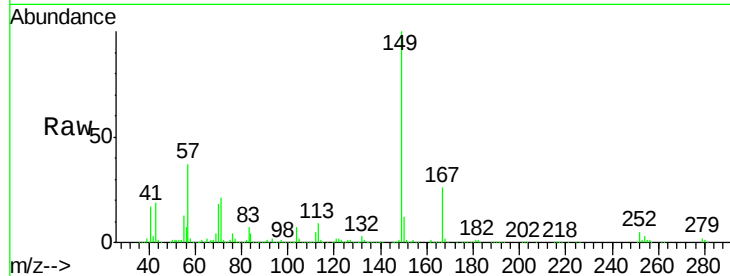
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.283 ng  
 RT: 13.99 min Scan# 2024  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.9  | 21.3  | 31.9  |
| 279     | 2.4   | 3.0   | 4.4   |

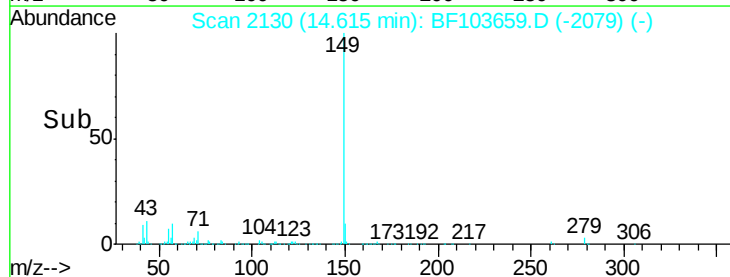
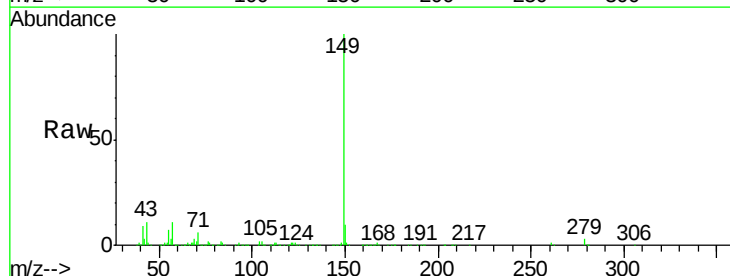
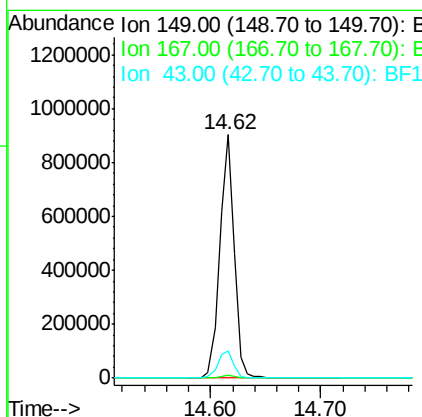
Manual Integrations  
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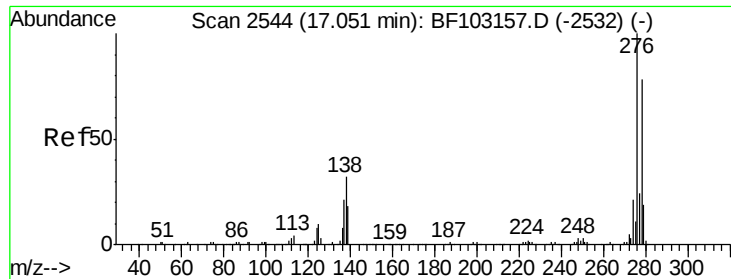
Sohil  
 3/15/2018 6:58:00 PM



#84  
 Di-n-octyl phthalate  
 Concen: 47.319 ng  
 RT: 14.62 min Scan# 2130  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 11.7  | 8.4   | 12.6  |





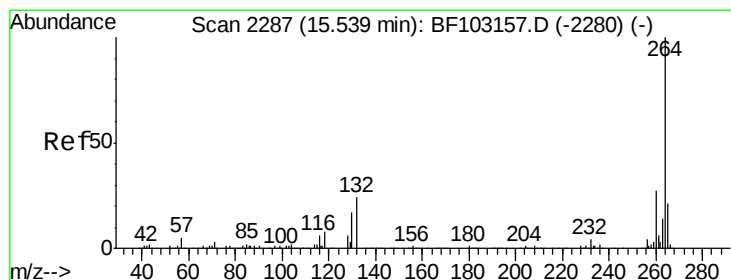
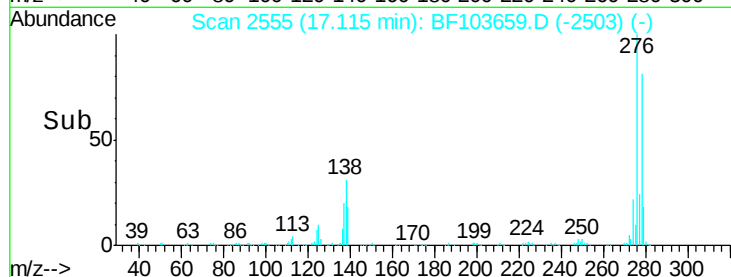
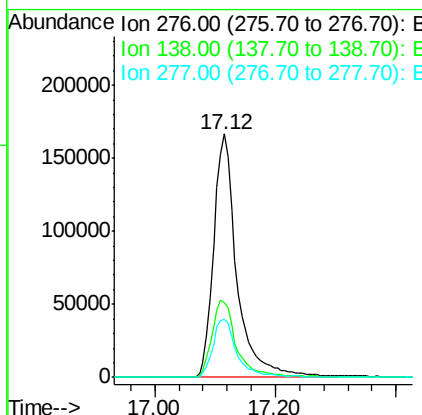
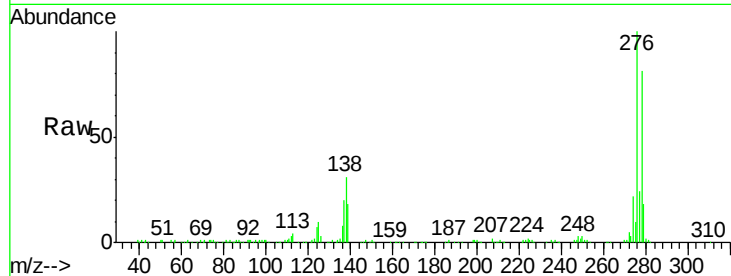
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 46.370 ng  
RT: 17.12 min Scan# 2555  
Delta R.T. 0.01 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 33.0  | 25.0  | 37.6  |
| 277     | 24.5  | 20.1  | 30.1  |

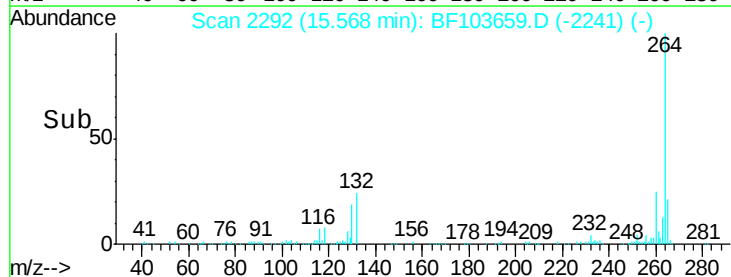
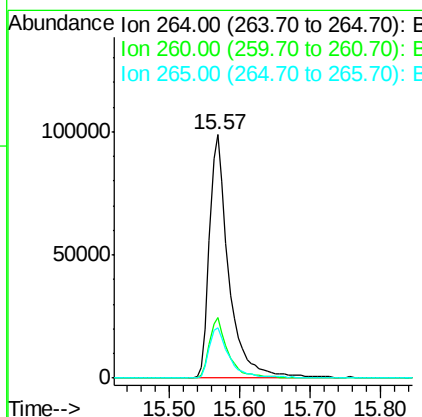
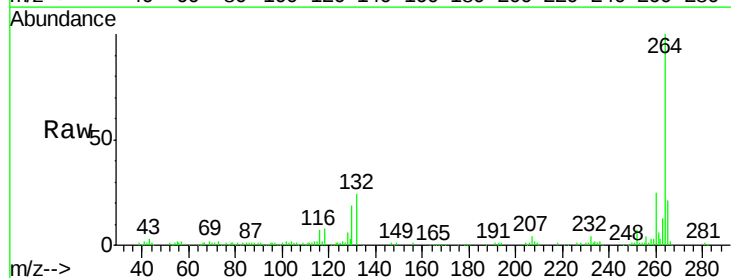
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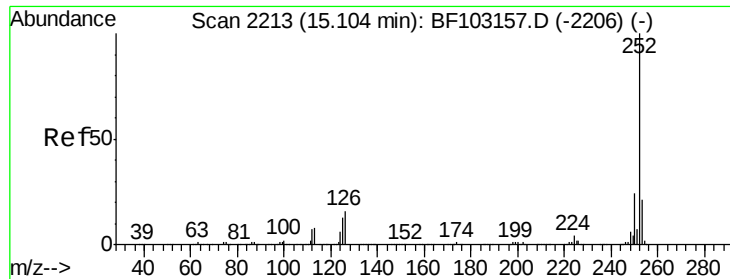
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.57 min Scan# 2292  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.1  | 19.2  | 28.8  |
| 265     | 20.9  | 17.5  | 26.3  |





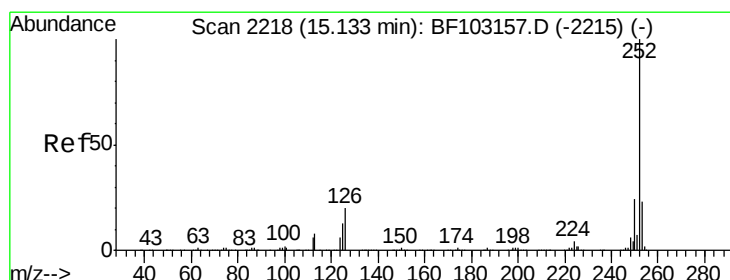
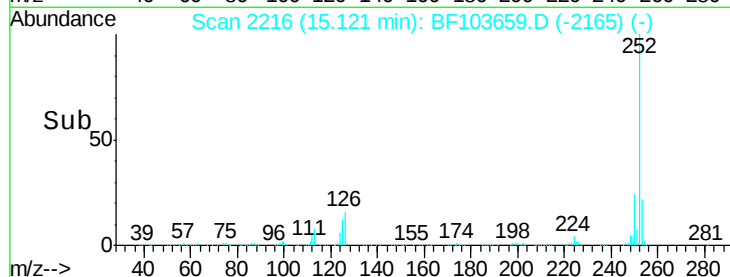
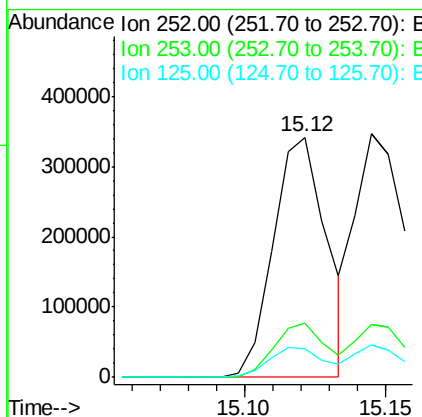
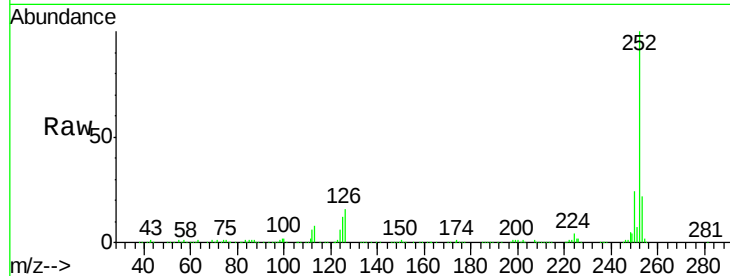
#87  
Benzo(b)fluoranthene  
Concen: 36.008 ng  
RT: 15.12 min Scan# 2216  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

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

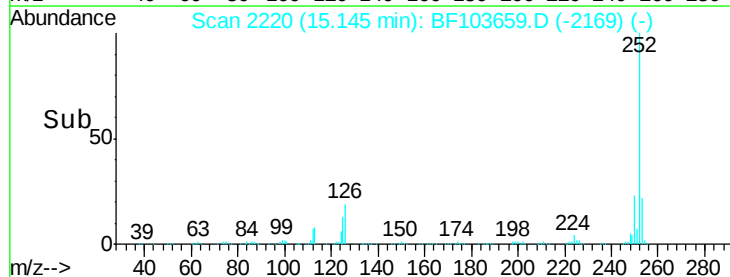
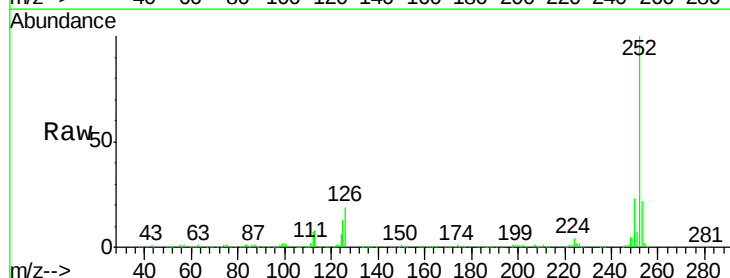
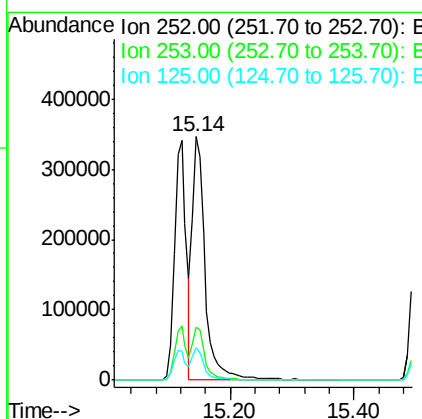
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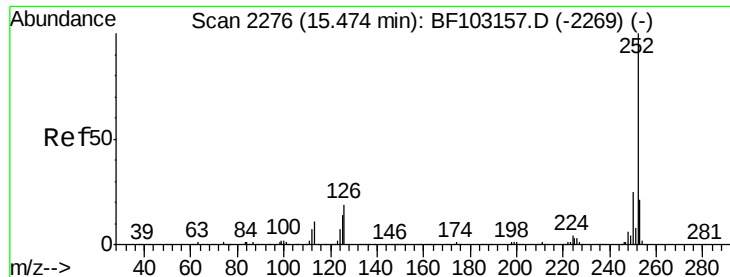
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#88  
Benzo(k)fluoranthene  
Concen: 42.652 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.9  | 26.9  |
| 125     | 13.3  | 10.2  | 15.2  |





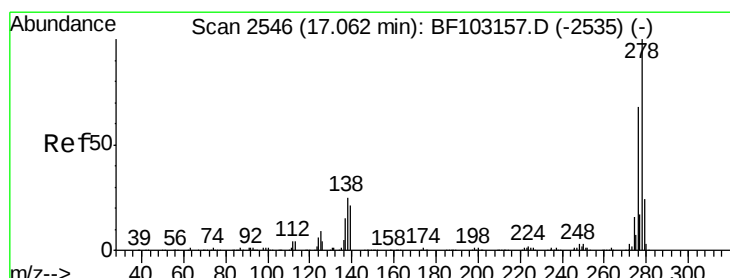
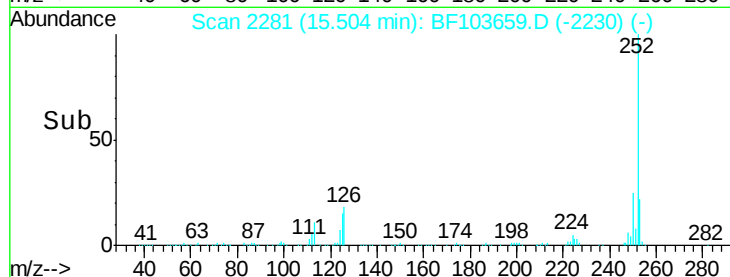
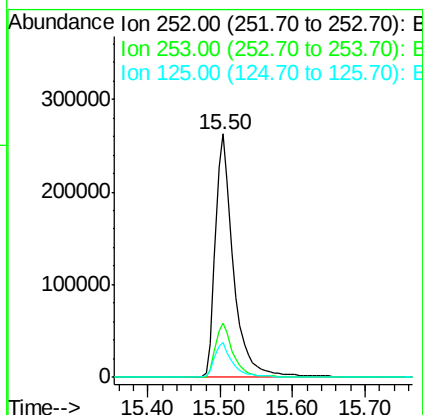
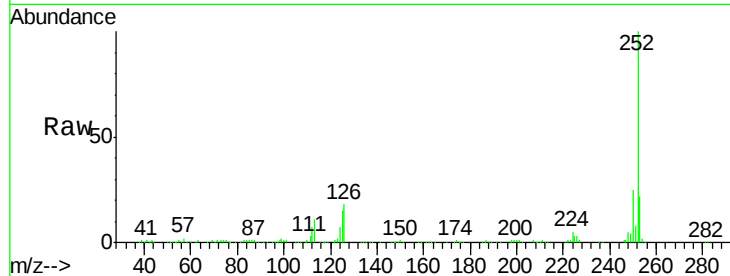
#89  
Benzo(a)pyrene  
Concen: 40.955 ng  
RT: 15.50 min Scan# 2281  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB107370BSD

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

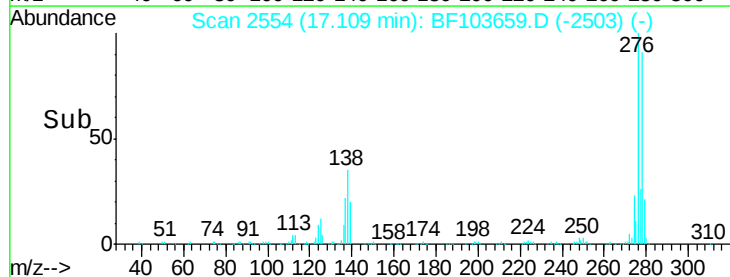
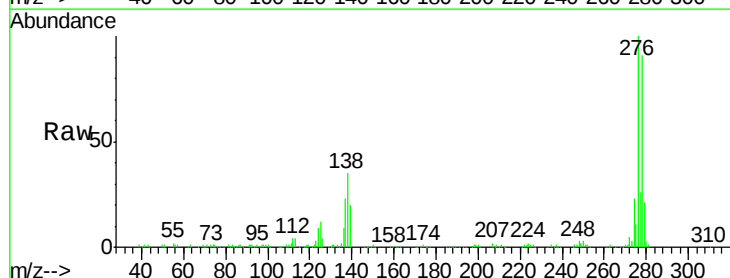
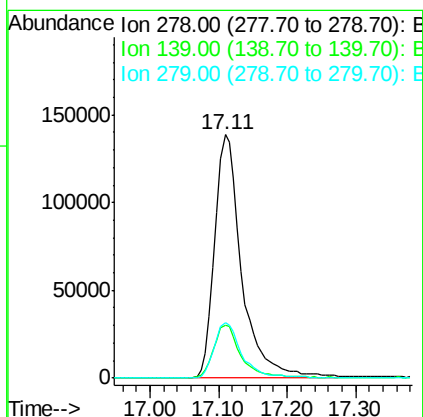
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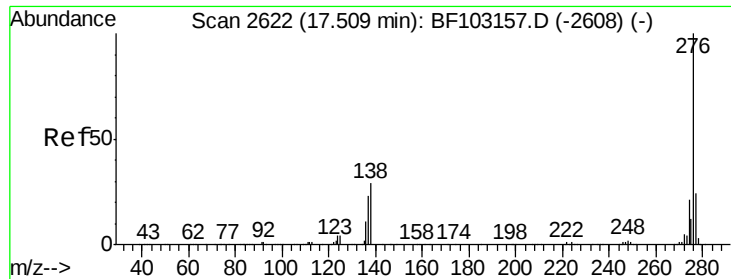
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#90  
Dibenzo(a,h)anthracene  
Concen: 44.588 ng  
RT: 17.11 min Scan# 2554  
Delta R.T. 0.00 min  
Lab File: BF103659.D  
Acq: 14 Mar 2018 23:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.6  | 15.9  | 23.9  |
| 279     | 23.0  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 42.477 ng  
 RT: 17.59 min Scan# 2635  
 Delta R.T. 0.00 min  
 Lab File: BF103659.D  
 Acq: 14 Mar 2018 23:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107370BSD

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 354796  | 276 | 100   |      |       |       |
|         | 277 | 24.4  |      | 17.9  | 26.9  |
|         | 138 | 28.2  |      | 21.8  | 32.8  |

Manual Integrations  
 APPROVED

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