

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\  
 Data File : BF103295.D  
 Acq On : 28 Feb 2018 16:17  
 Operator : SJ/JU  
 Sample : PB106912BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB106912BS

Manual Integrations  
 APPROVED

Sohil  
 3/1/2018 11:42:59 AM

Quant Time: Mar 01 00:17:02 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 17:05:20 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 127130   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 544086   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.92  | 164  | 255314   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.40 | 188  | 451039   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.06 | 240  | 276776   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.56 | 264  | 218444   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.51  | 112 | 1095908 | 130.38 | ng | 0.02 |
| 7) Phenol-d6             | 6.52  | 99  | 1357510 | 131.98 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.44  | 82  | 807727  | 84.78  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.72 | 330 | 262954  | 121.68 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.23  | 172 | 1195567 | 79.40  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.99 | 244 | 1113767 | 96.73  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.72 | 88  | 218443  | 49.204 | ng | 92     |
| 3) Pyridine                    | 3.51 | 79  | 594843  | 50.188 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.45 | 42  | 303293  | 63.450 | ng | 89     |
| 6) Aniline                     | 6.54 | 93  | 437863  | 29.497 | ng | # 90   |
| 8) 2-Chlorophenol              | 6.66 | 128 | 420962  | 48.209 | ng | 93     |
| 9) Benzaldehyde                | 6.43 | 77  | 200574  | 29.807 | ng | 98     |
| 10) Phenol                     | 6.53 | 94  | 540397  | 45.258 | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 6.61 | 93  | 440931  | 48.654 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146 | 443568  | 44.451 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.89 | 146 | 446181  | 44.598 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146 | 410046  | 44.449 | ng | 98     |
| 15) Benzyl Alcohol             | 7.02 | 79  | 384986  | 49.671 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45  | 708078  | 45.500 | ng | 93     |
| 17) 2-Methylphenol             | 7.13 | 107 | 364352  | 45.914 | ng | # 94   |
| 18) Hexachloroethane           | 7.38 | 117 | 170796  | 46.895 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70  | 301880  | 47.158 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 428034  | 44.249 | ng | # 60   |
| 22) Acetophenone               | 7.28 | 105 | 563239  | 44.350 | ng | # 85   |
| 24) Nitrobenzene               | 7.46 | 77  | 496745  | 47.356 | ng | 94     |
| 25) Isophorone                 | 7.70 | 82  | 919294  | 48.992 | ng | 97     |
| 26) 2-Nitrophenol              | 7.77 | 139 | 240570  | 48.717 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.81 | 122 | 403091  | 53.404 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 551318  | 49.974 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 355799  | 49.235 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 336680  | 43.750 | ng | 99     |
| 31) Naphthalene                | 8.18 | 128 | 1203546 | 45.183 | ng | 100    |
| 32) Benzoic acid               | 7.96 | 122 | 292426  | 51.613 | ng | 94     |
| 33) 4-Chloroaniline            | 8.23 | 127 | 297345  | 25.868 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.29 | 225 | 170062  | 42.438 | ng | 99     |
| 35) Caprolactam                | 8.62 | 113 | 135790m | 53.465 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 407218  | 49.960 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.87 | 142 | 799179  | 46.423 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.04 | 216 | 290466  | 41.615 | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 9.02 | 237 | 205247  | 83.045 | ng | 98     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 17:05:20 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.15  | 196  | 219939   | 46.830 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.20  | 196  | 238289   | 44.114 | ng    | 96       |
| 45) 1,1'-Biphenyl              | 9.33  | 154  | 905168   | 42.309 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.36  | 162  | 722060   | 42.661 | ng    | 100      |
| 47) 2-Nitroaniline             | 9.46  | 65   | 305400   | 48.712 | ng    | 84       |
| 48) Acenaphthylene             | 9.78  | 152  | 1110047  | 42.626 | ng    | 100      |
| 49) Dimethylphthalate          | 9.63  | 163  | 899851   | 43.934 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.70  | 165  | 193277   | 44.967 | ng    | # 83     |
| 51) Acenaphthene               | 9.95  | 154  | 642736   | 42.326 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.87  | 138  | 168156   | 30.836 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 9.99  | 184  | 155694   | 97.844 | ng    | # 17     |
| 54) Dibenzofuran               | 10.12 | 168  | 949251   | 45.538 | ng    | 94       |
| 55) 4-Nitrophenol              | 10.05 | 139  | 273305   | 80.866 | ng    | # 84     |
| 56) 2,4-Dinitrotoluene         | 10.12 | 165  | 250013   | 45.992 | ng    | # 89     |
| 57) Fluorene                   | 10.47 | 166  | 740757   | 41.715 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.25 | 232  | 175206   | 48.284 | ng    | # 95     |
| 59) Diethylphthalate           | 10.33 | 149  | 933870   | 47.673 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204  | 333356   | 44.268 | ng    | 96       |
| 61) 4-Nitroaniline             | 10.50 | 138  | 225873   | 41.469 | ng    | 98       |
| 62) Azobenzene                 | 10.62 | 77   | 946501   | 47.469 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 113035   | 41.890 | ng    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.57 | 169  | 674206   | 42.931 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.95 | 248  | 199519   | 42.465 | ng    | 98       |
| 67) Hexachlorobenzene          | 11.02 | 284  | 208678   | 40.919 | ng    | 98       |
| 68) Atrazine                   | 11.10 | 200  | 218431   | 46.275 | ng    | 99       |
| 69) Pentachlorophenol          | 11.22 | 266  | 192117   | 77.912 | ng    | 98       |
| 70) Phenanthrene               | 11.43 | 178  | 1078072  | 43.432 | ng    | 99       |
| 71) Anthracene                 | 11.49 | 178  | 1100981  | 43.255 | ng    | 99       |
| 72) Carbazole                  | 11.65 | 167  | 1046868  | 41.301 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.96 | 149  | 1412194  | 44.525 | ng    | 99       |
| 74) Fluoranthene               | 12.63 | 202  | 1070263  | 42.908 | ng    | 98       |
| 76) Benzidine                  | 12.75 | 184  | 147161   | 14.222 | ng    | 98       |
| 77) Pyrene                     | 12.86 | 202  | 1048646  | 48.595 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.46 | 149  | 559759   | 49.097 | ng    | 96       |
| 80) Benzo(a)anthracene         | 14.04 | 228  | 818428   | 45.574 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 202619   | 31.615 | ng    | 97       |
| 82) Chrysene                   | 14.09 | 228  | 770748   | 44.202 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 733622   | 47.683 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 14.64 | 149  | 1161464  | 46.724 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 17.09 | 276  | 644724   | 46.704 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.12 | 252  | 683058   | 47.558 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 15.15 | 252  | 611727   | 45.231 | ng    | 98       |
| 89) Benzo(a)pyrene             | 15.50 | 252  | 605104   | 47.179 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.10 | 278  | 534537   | 53.936 | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 17.55 | 276  | 562222   | 58.045 | ng    | 97       |

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

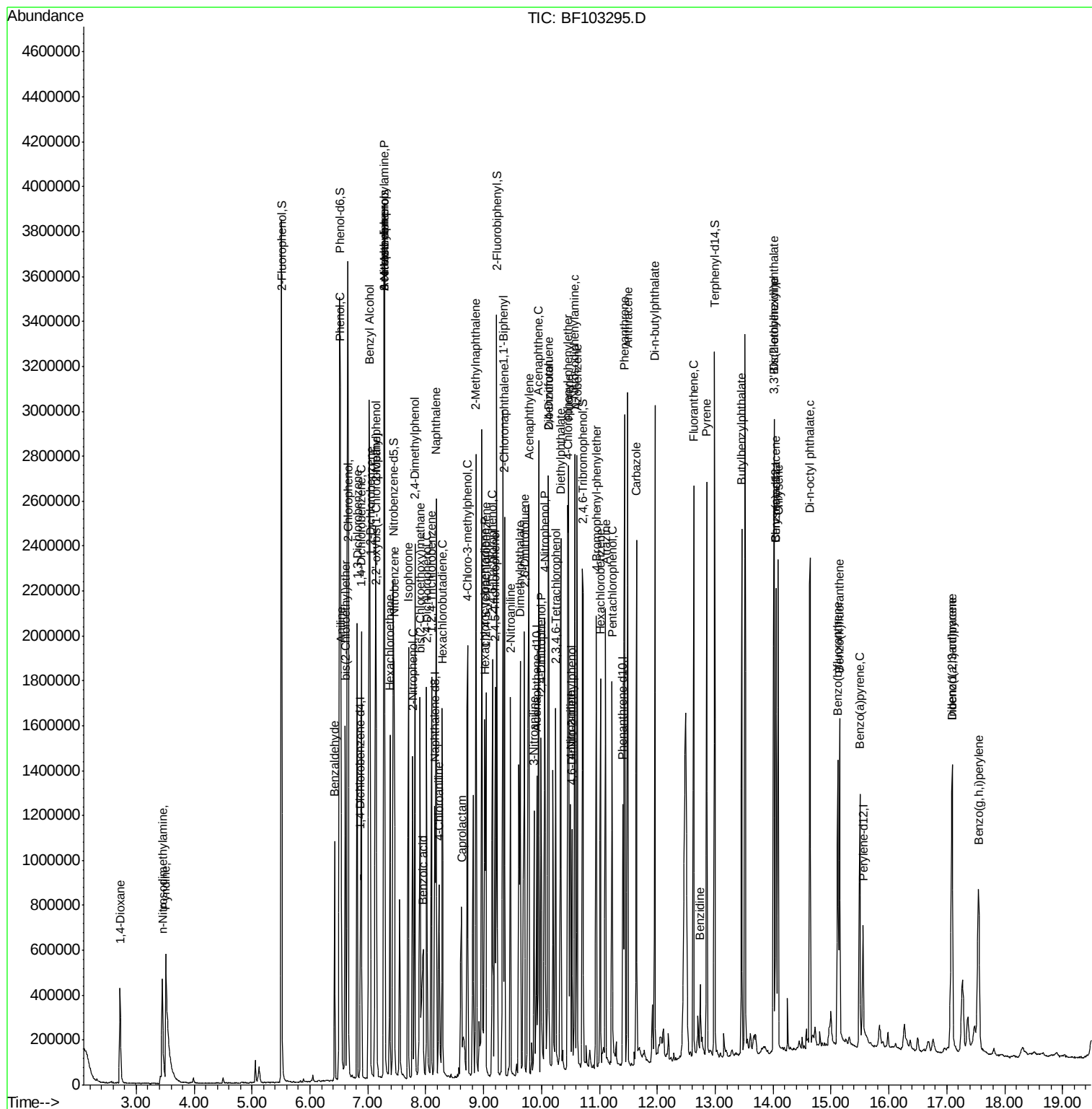
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\  
Data File : BF103295.D  
Acq On : 28 Feb 2018 16:17  
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Sample : PB106912BS  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

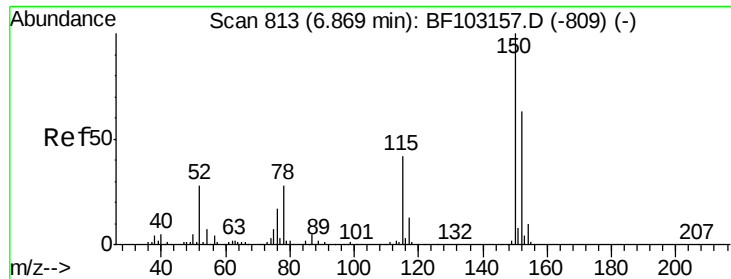
Instrument :  
BNA\_F  
ClientSampleId :  
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#1

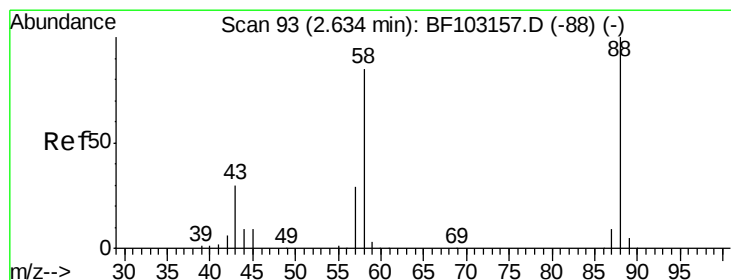
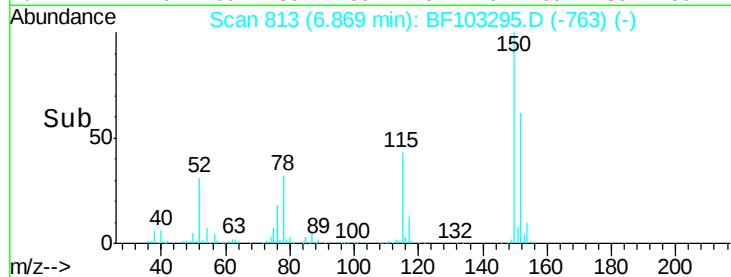
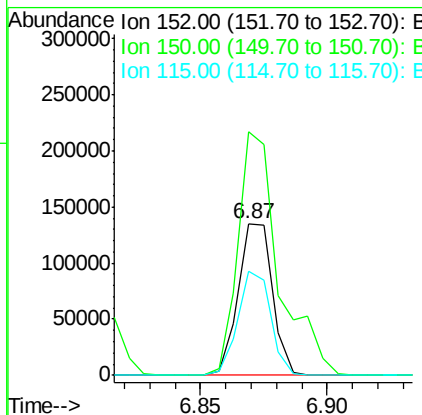
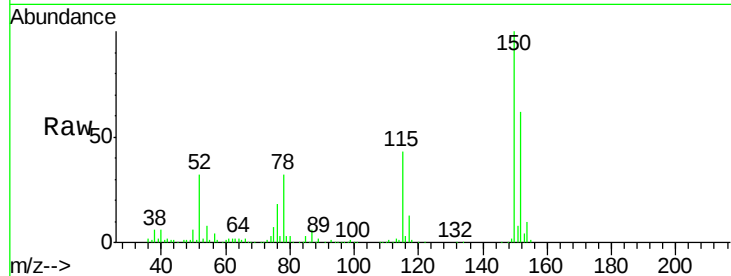
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.6 | 124.6 | 186.8 |
| 115     | 69.0  | 50.1  | 75.1  |

Manual Integrations  
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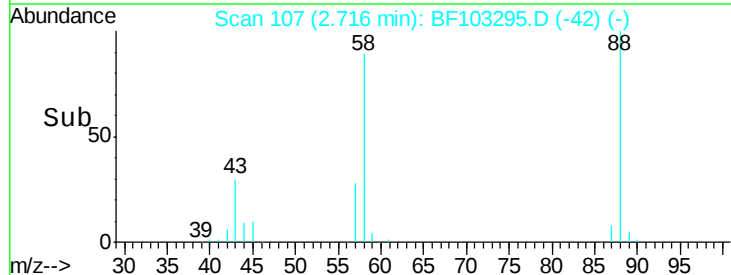
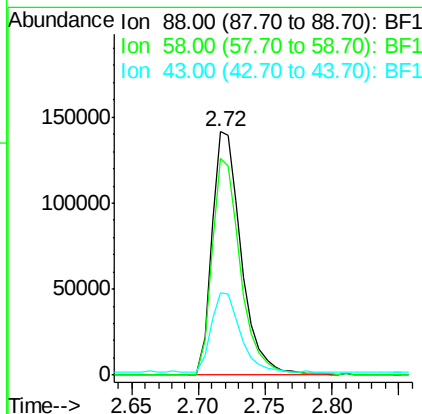
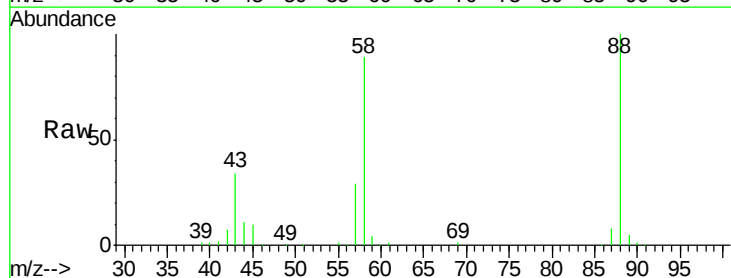
Sohil  
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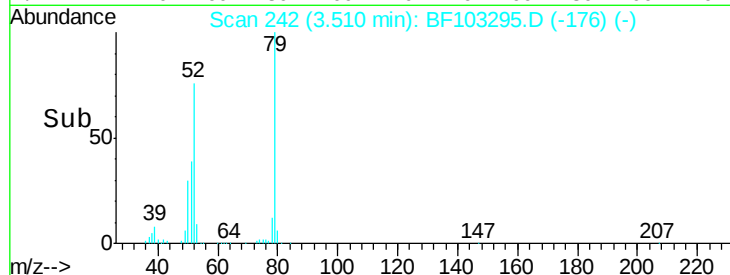
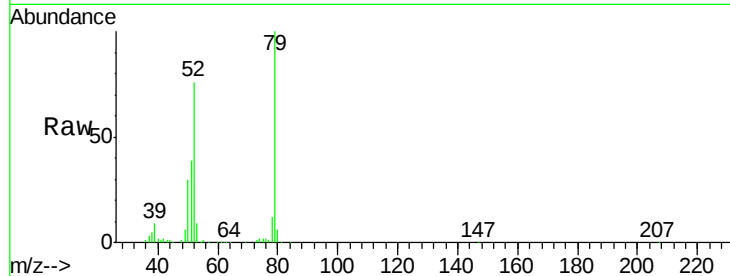


#2

1,4-Dioxane  
Concen: 49.204 ng  
RT: 2.72 min Scan# 107  
Delta R.T. 0.08 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 87.0  | 62.6  | 93.8  |
| 43      | 32.6  | 24.6  | 37.0  |





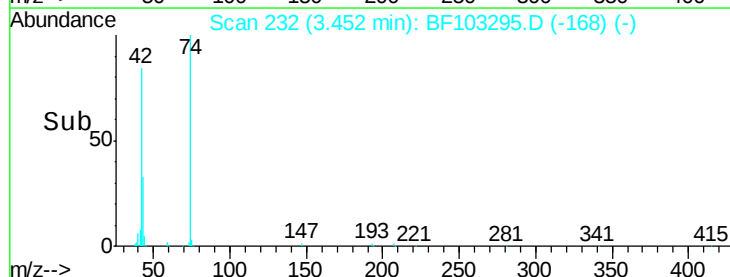
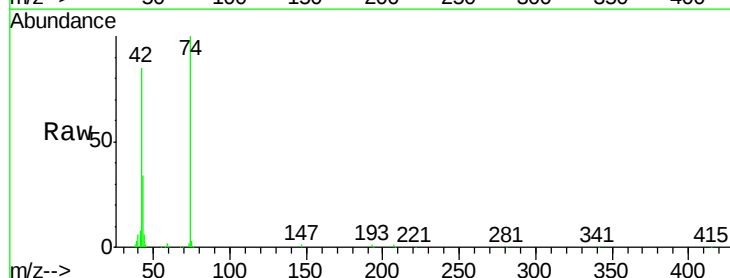
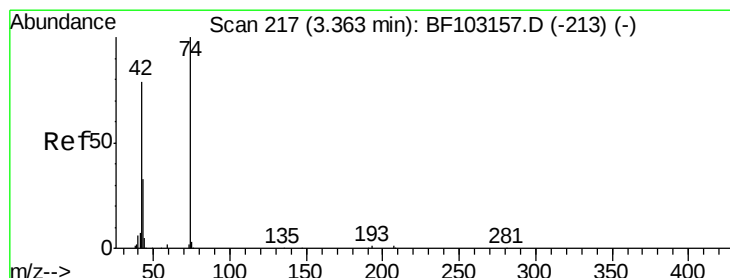
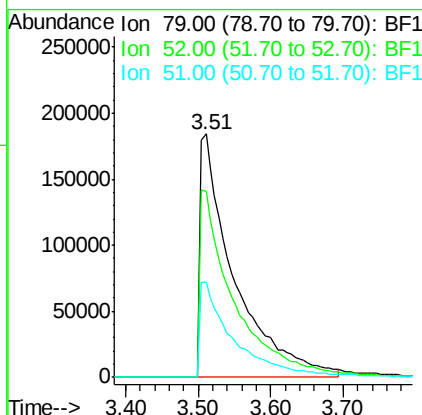
#3  
 Pvridine  
 Concen: 50.188 ng  
 RT: 3.51 min Scan# 242  
 Delta R.T. 0.09 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 76.3  | 59.8  | 89.6  |
| 51      | 39.3  | 29.8  | 44.8  |

Instrument :  
 BNA\_F  
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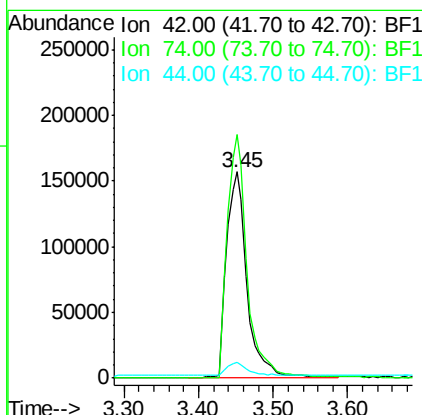
Manual Integrations  
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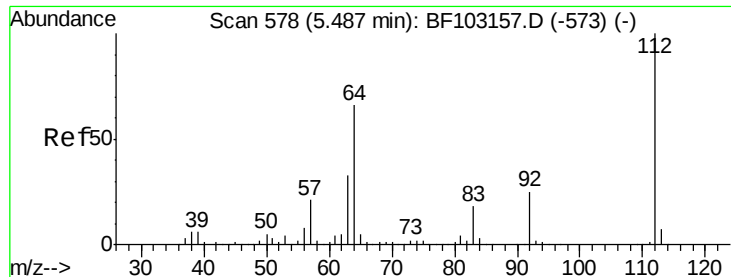
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 3/1/2018 11:42:59 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 63.450 ng  
 RT: 3.45 min Scan# 232  
 Delta R.T. 0.08 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 118.1 | 104.9 | 157.3 |
| 44      | 7.4   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 130.377 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

ClientSampleId :

PB106912BS

Tot Ion: 112 Resp: 1095908

Ion Ratio Lower Upper

112 100

64 63.8 47.9 71.9

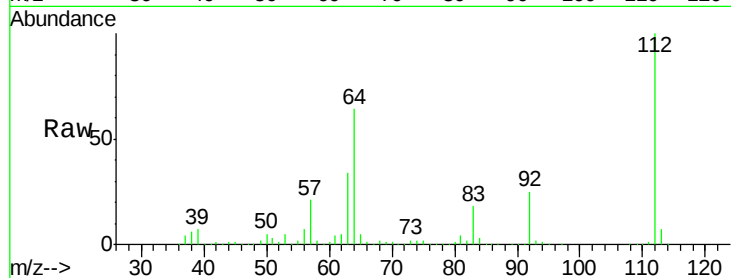
63 33.6 23.7 35.5

Manual Integrations

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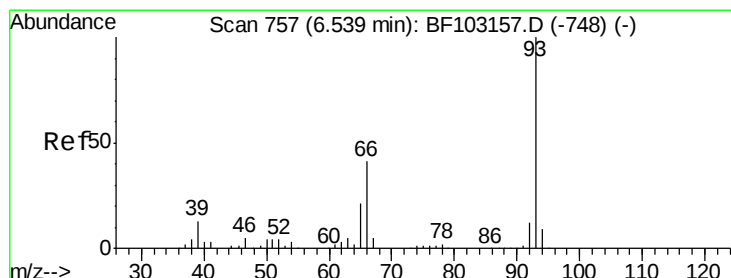
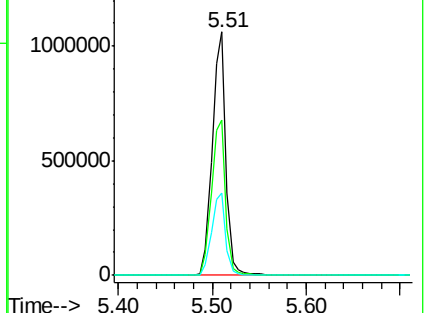
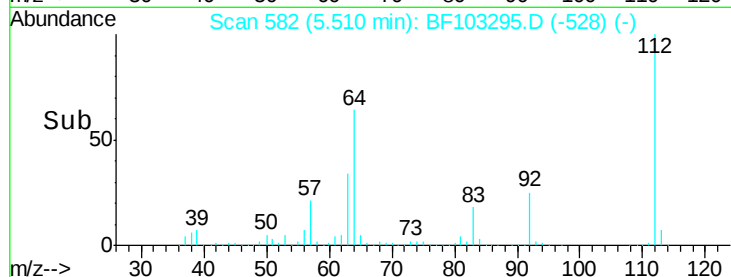
3/1/2018 11:42:59 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.497 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

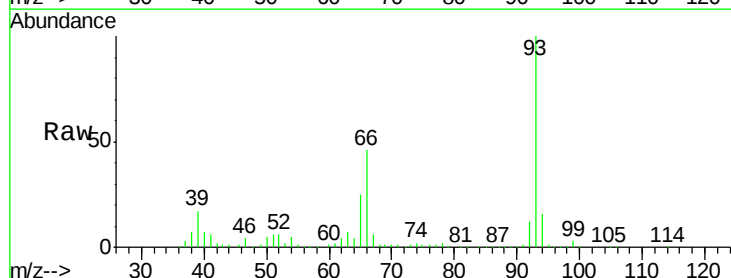
Tgt Ion: 93 Resp: 437863

Ion Ratio Lower Upper

93 100

66 46.1 32.2 48.2

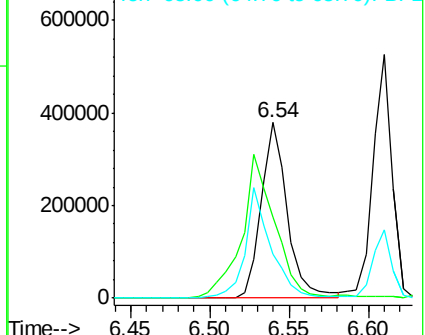
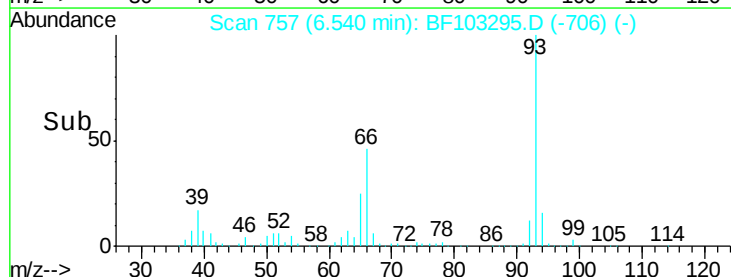
65 25.2 16.4 24.6#

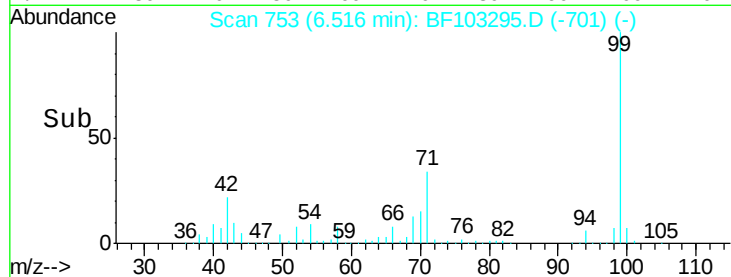
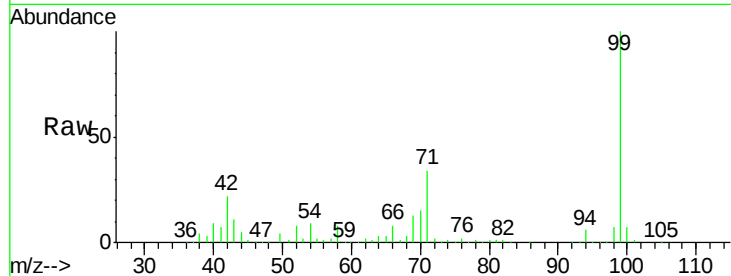
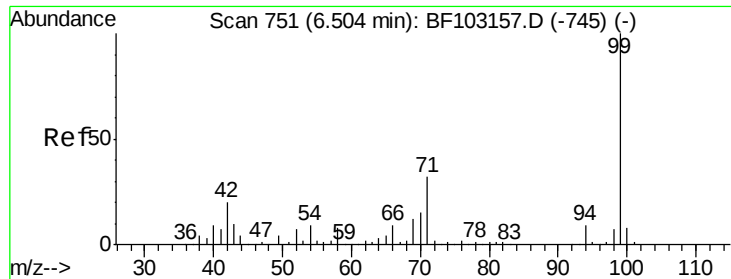


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.981 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1357510 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 21.6  | 14.5  | 21.7    |
| 71       | 34.1  | 25.4  | 38.0    |

Instrument :

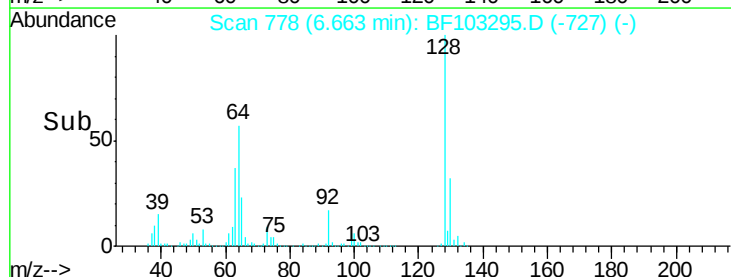
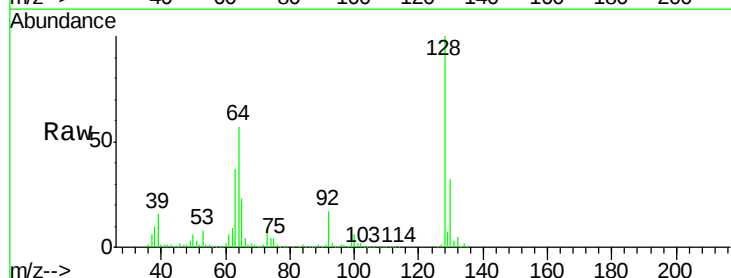
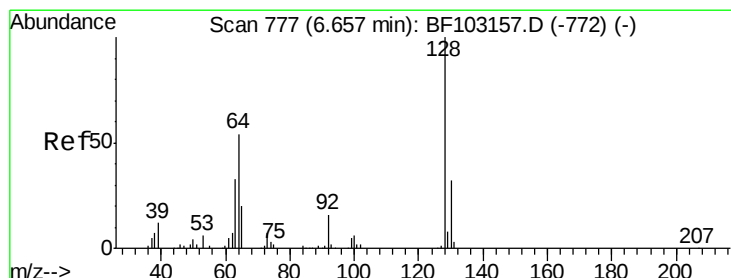
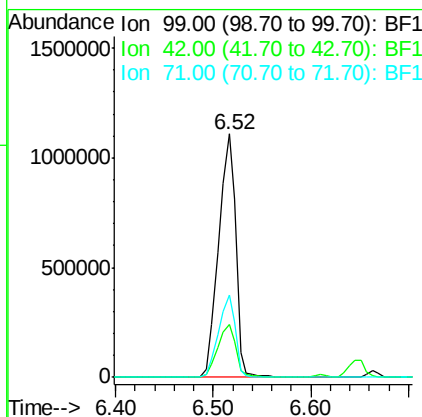
BNA\_F

ClientSampled :

PB106912BS

Manual Integrations  
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3/1/2018 11:42:59 AM



#8

2-Chlorophenol

Concen: 48.209 ng

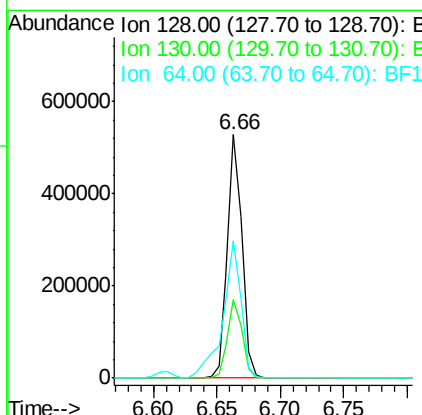
RT: 6.66 min Scan# 778

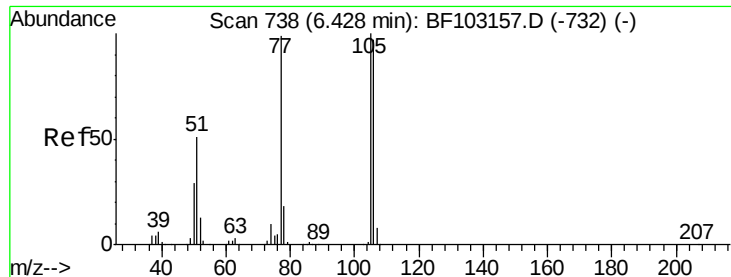
Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 420962 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.1  | 13.0  | 53.0   |
| 64       | 56.6  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 29.807 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

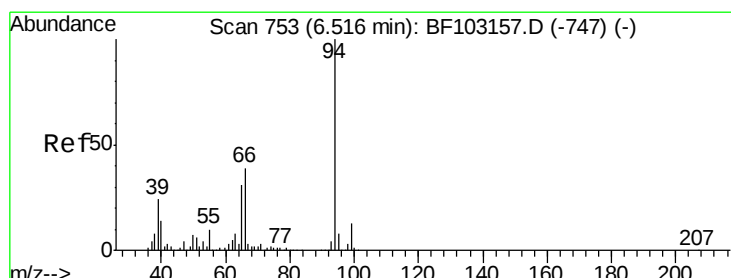
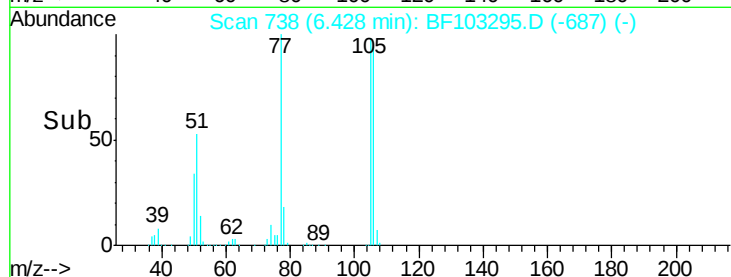
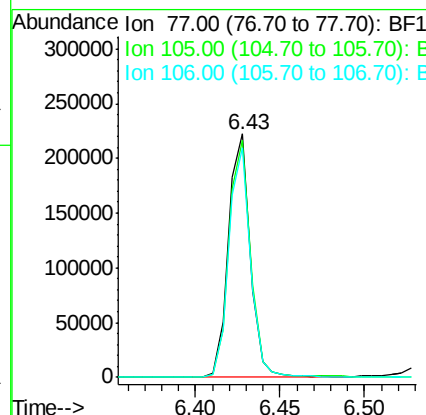
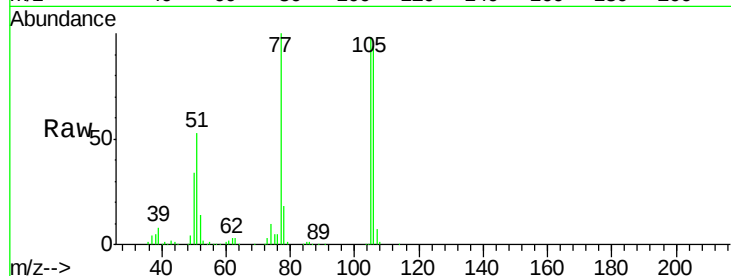
ClientSampleId :

PB106912BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 200574 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 97.7  | 81.1  | 121.1  |
| 106       | 94.4  | 74.5  | 114.5  |

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#10

Phenol

Concen: 45.258 ng

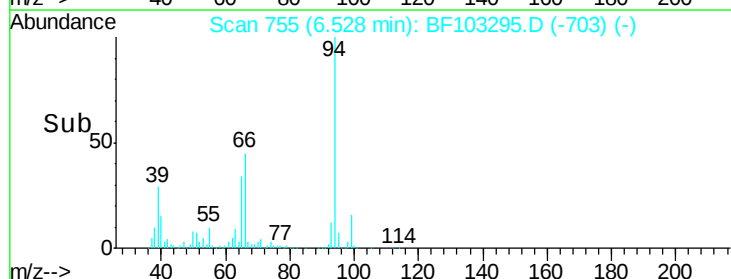
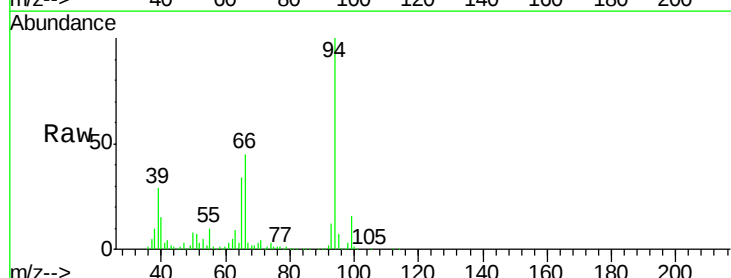
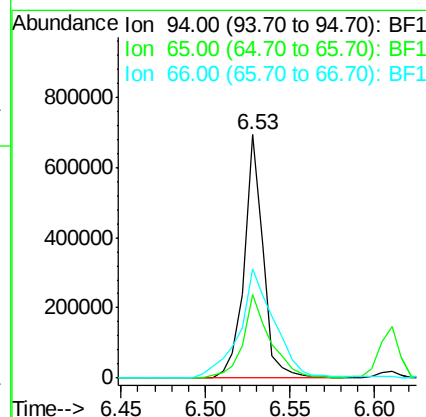
RT: 6.53 min Scan# 755

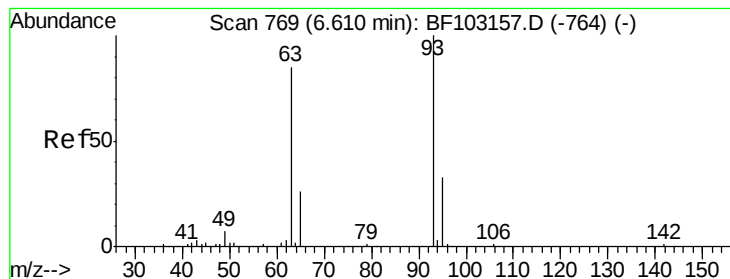
Delta R.T. 0.01 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 540397 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 34.2  | 7.9   | 47.9   |
| 66        | 44.6  | 16.2  | 56.2   |





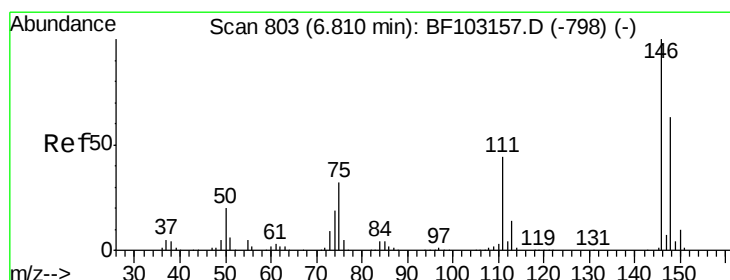
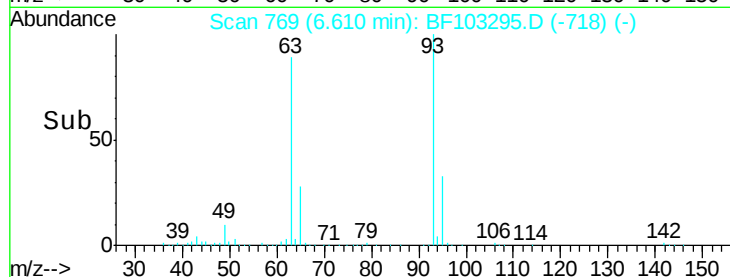
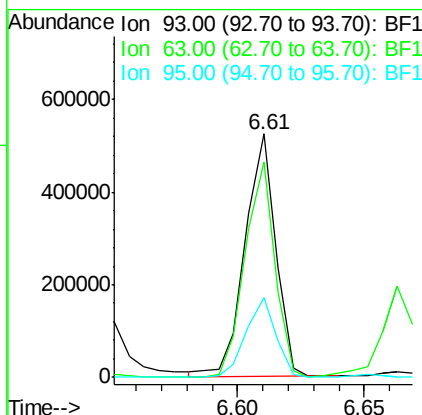
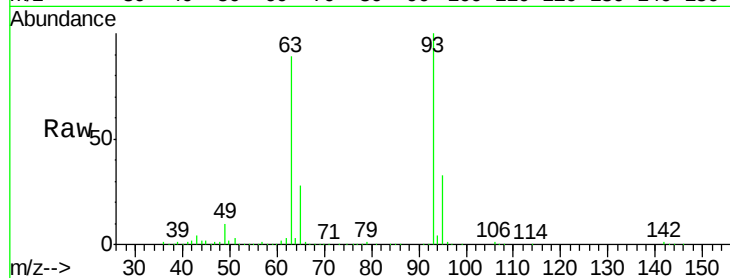
#11  
bis(2-Chloroethyl)ether  
Concen: 48.654 ng  
RT: 6.61 min Scan# 769  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 440931 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 88.6  | 58.6  | 98.6   |
| 95        | 32.7  | 11.8  | 51.8   |

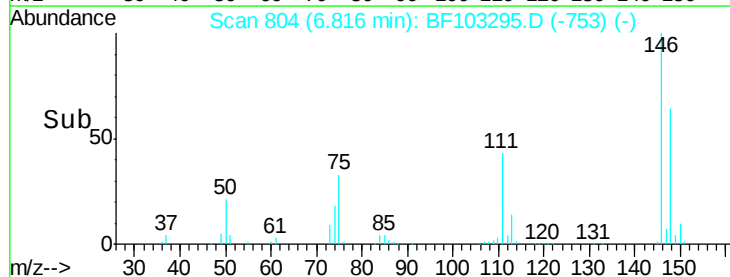
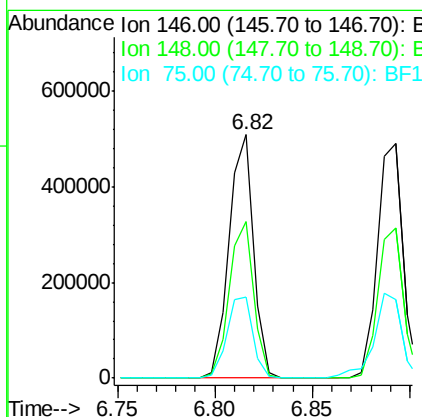
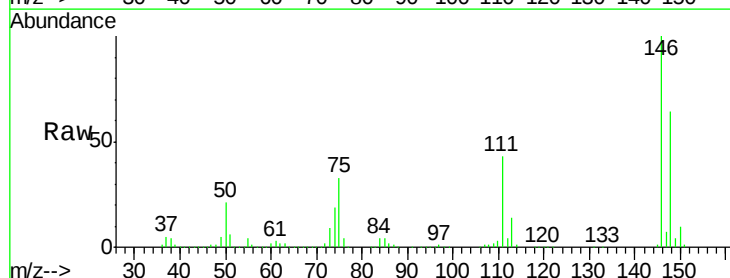
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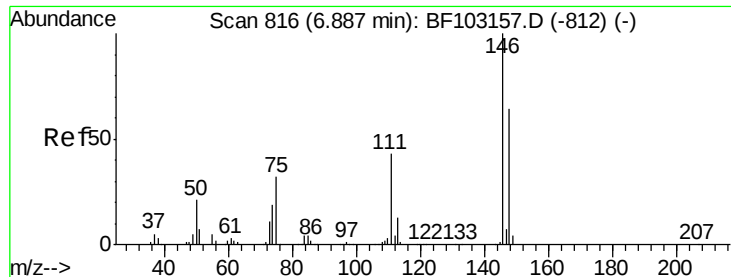
Sohil  
3/1/2018 11:42:59 AM



#12  
1,3-Dichlorobenzene  
Concen: 44.451 ng  
RT: 6.82 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 443568 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.3  | 51.8  | 77.8   |
| 75        | 33.3  | 24.2  | 36.4   |





#13

1,4-Dichlorobenzene

Concen: 44.598 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

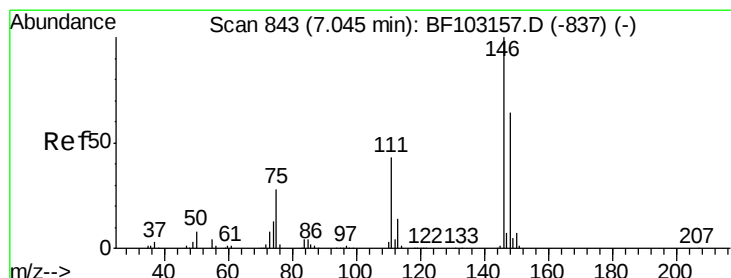
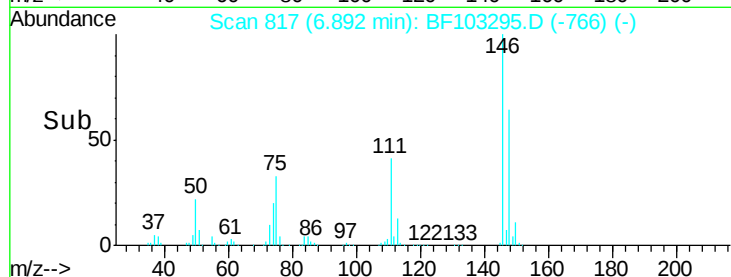
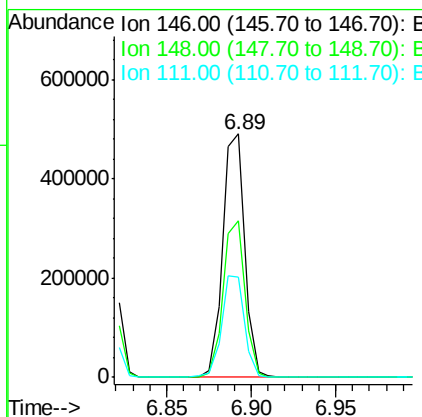
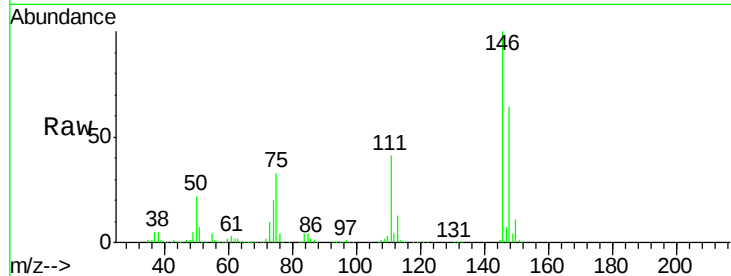
ClientSampleId :

PB106912BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 146  | Resp: | 446181 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 148       | 64.2 | 50.8  | 76.2   |
| 111       | 41.0 | 34.2  | 51.2   |

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#14

1,2-Dichlorobenzene

Concen: 44.449 ng

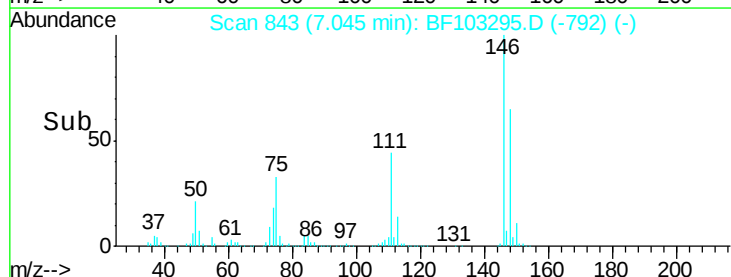
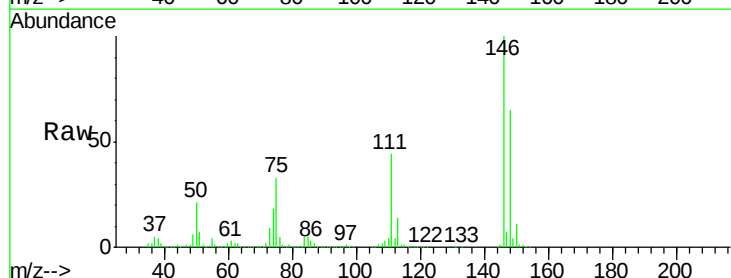
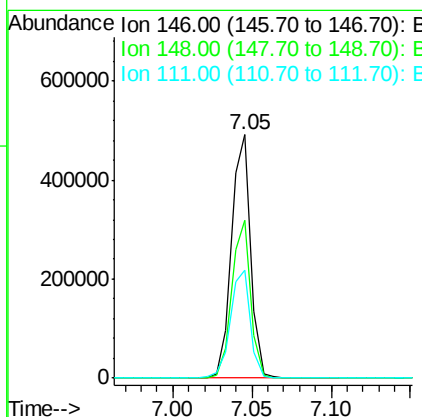
RT: 7.05 min Scan# 843

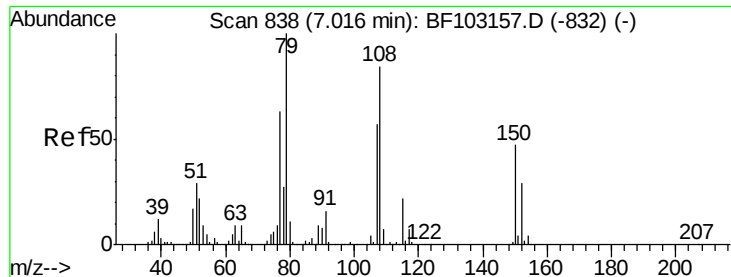
Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 146  | Resp: | 410046 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 148       | 65.0 | 50.6  | 75.8   |
| 111       | 44.3 | 36.0  | 54.0   |





#15

Benzyl Alcohol

Concen: 49.671 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

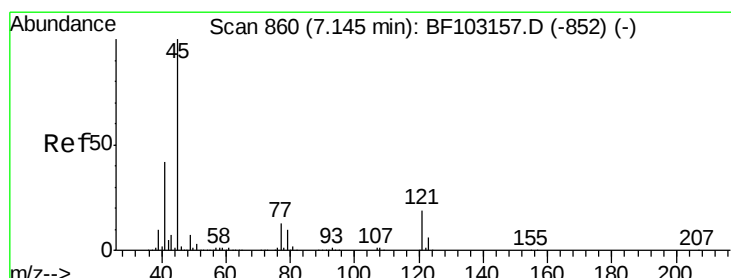
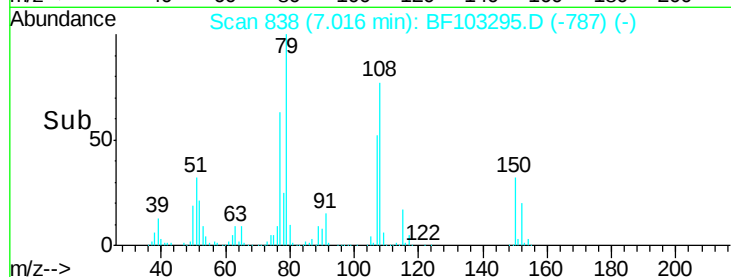
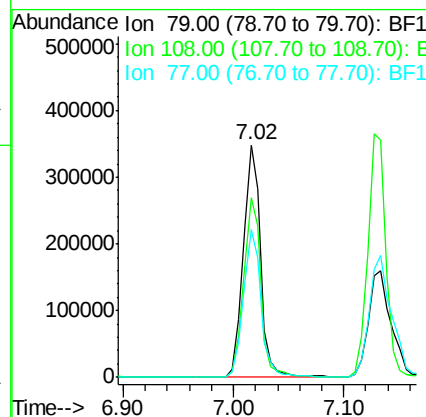
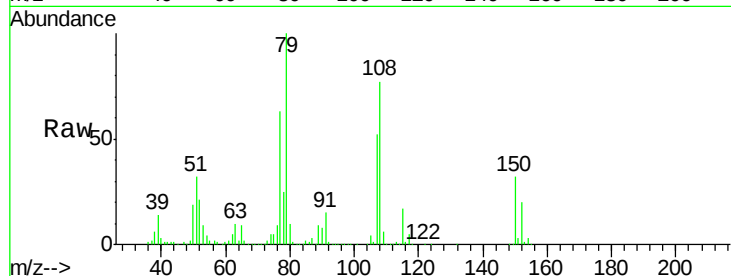
ClientSampled :

PB106912BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 384986 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.3  | 65.1  | 97.7   |
| 77        | 63.4  | 50.6  | 75.8   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.500 ng

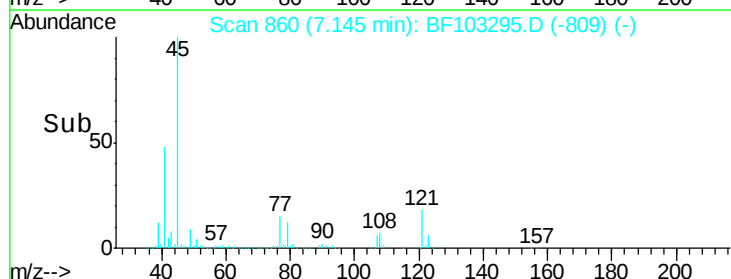
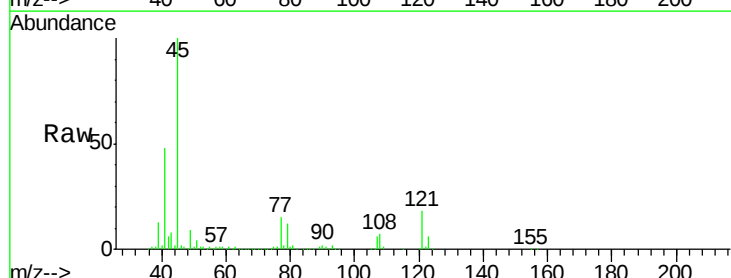
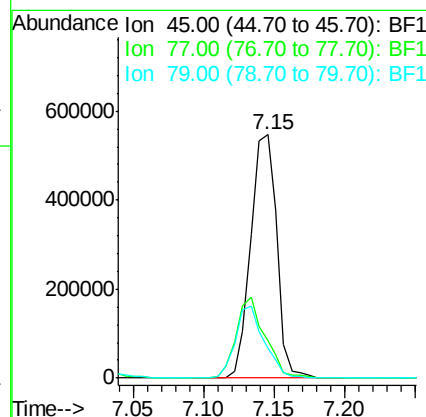
RT: 7.15 min Scan# 860

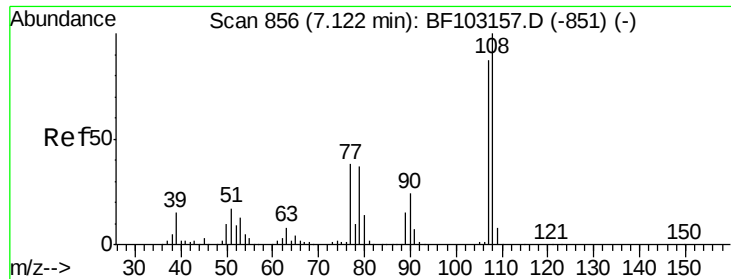
Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 708078 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.4  | 0.0   | 32.9   |
| 79        | 12.3  | 0.0   | 29.6   |





#17

2-Methylphenol

Concen: 45.914 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

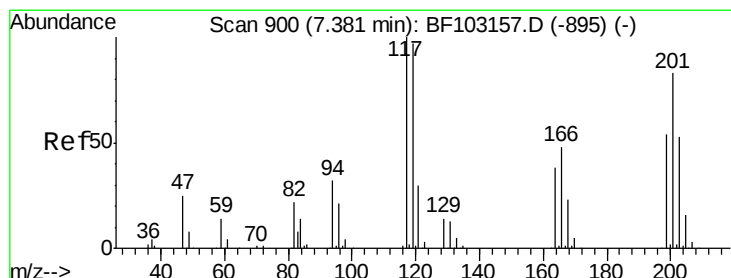
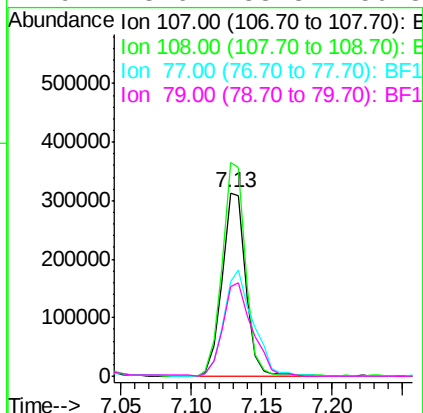
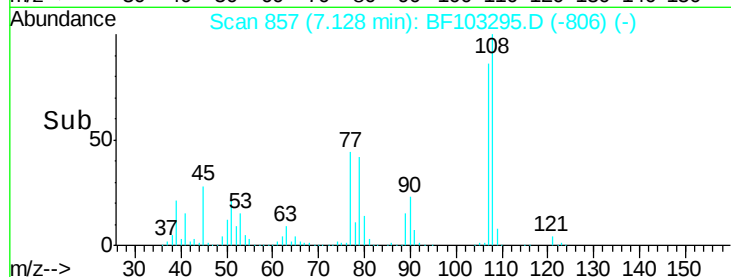
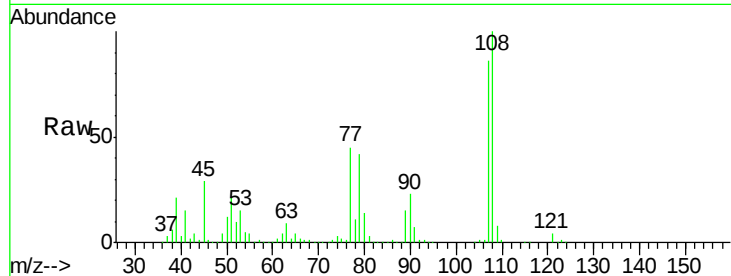
ClientSampleId :

PB106912BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 116.3 | 91.7 | 137.5 |       |
| 77      | 51.8  | 33.8 | 50.8  |       |
| 79      | 48.6  | 33.8 | 50.8  |       |

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#18

Hexachloroethane

Concen: 46.895 ng

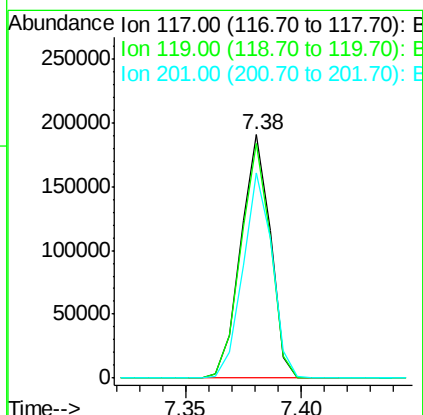
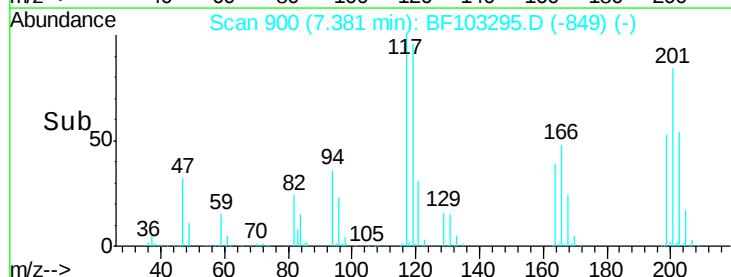
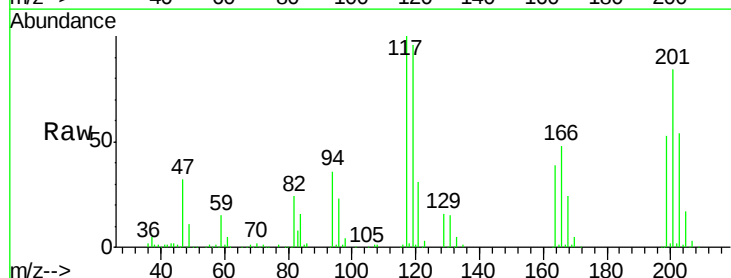
RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.3  | 75.8 | 113.8 |       |
| 201     | 84.4  | 75.7 | 113.5 |       |





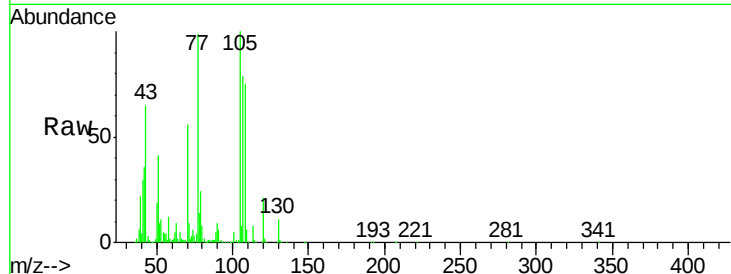
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.158 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

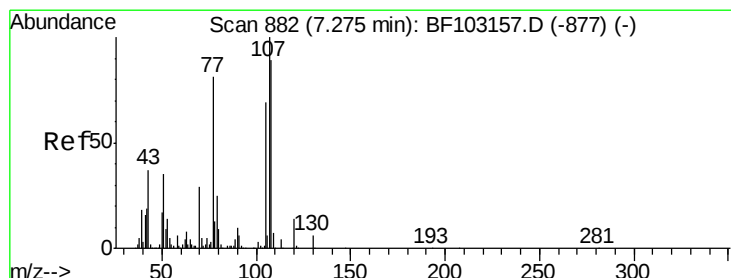
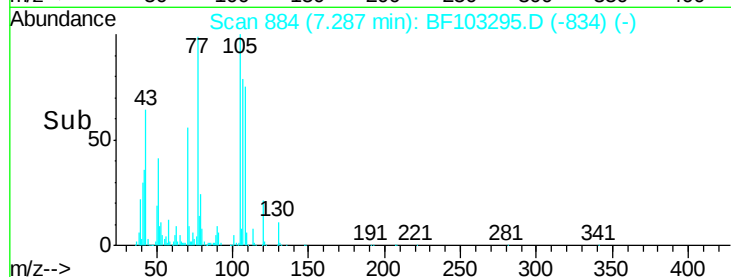
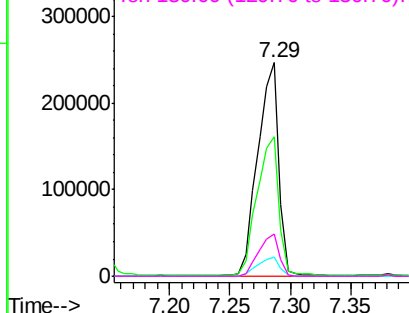
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 301880 |       |       |
| 42      | 65.1 | 47.5  | 71.3   |       |       |
| 101     | 9.3  | 7.4   | 11.2   |       |       |
| 130     | 19.6 | 16.6  | 25.0   |       |       |

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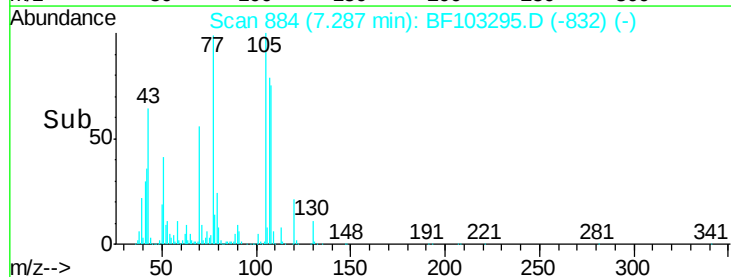
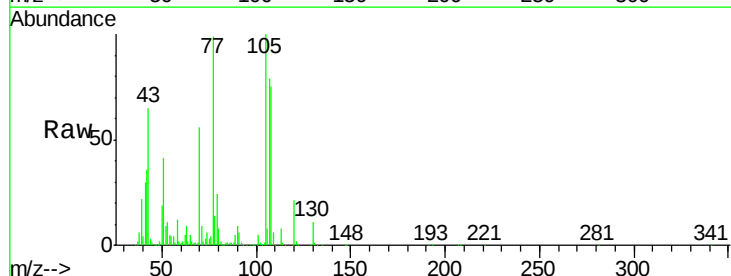
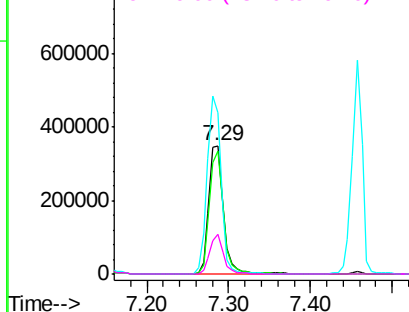
Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

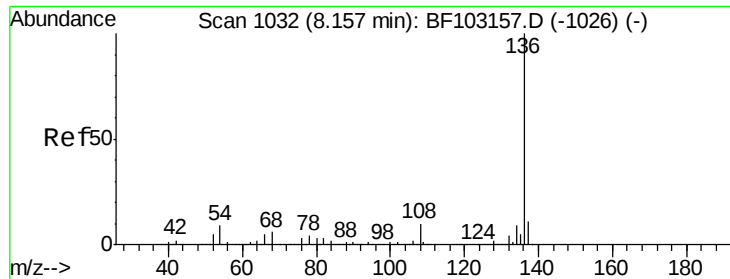


#20  
3+4-Methylphenols  
Concen: 44.249 ng  
RT: 7.29 min Scan# 884  
Delta R.T. 0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 107     | 100   |       | 428034 |       |       |
| 108     | 95.3  | 68.2  | 108.2  |       |       |
| 77      | 125.2 | 26.7  | 66.7#  |       |       |
| 79      | 30.6  | 6.3   | 46.3   |       |       |

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





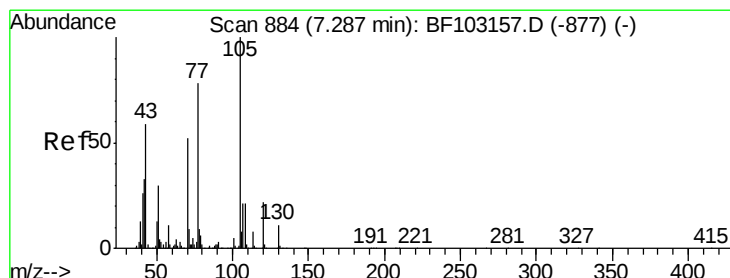
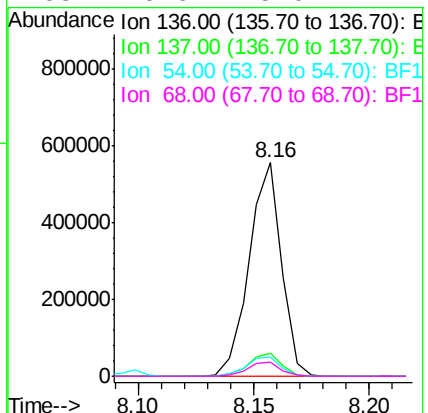
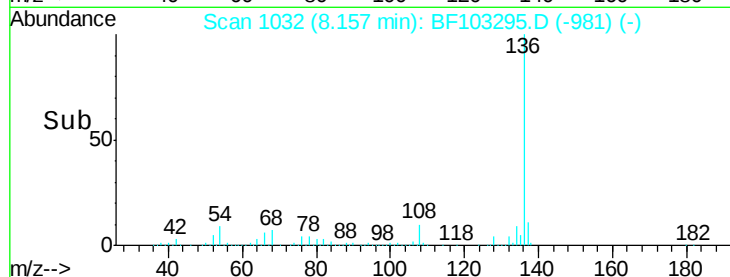
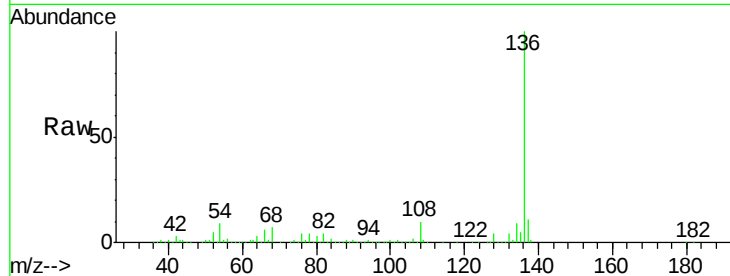
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 544086 |       |       |
| 137     | 11.0 |       | 8.9    | 13.3  |       |
| 54      | 9.2  |       | 6.6    | 9.8   |       |
| 68      | 6.6  |       | 5.0    | 7.4   |       |

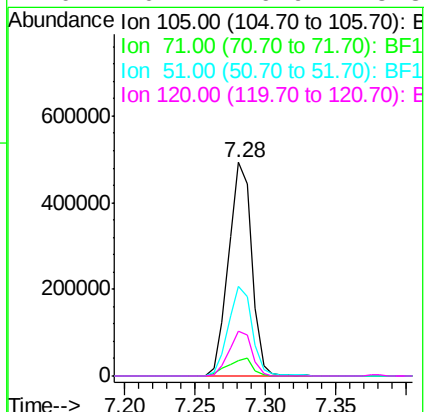
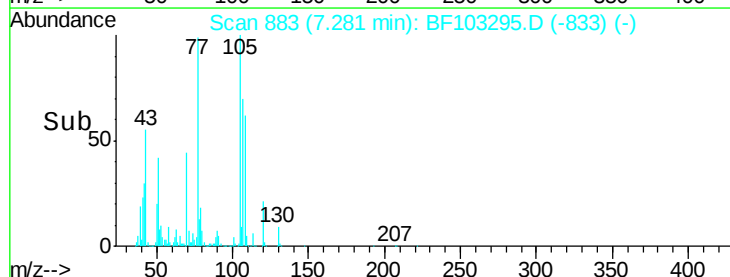
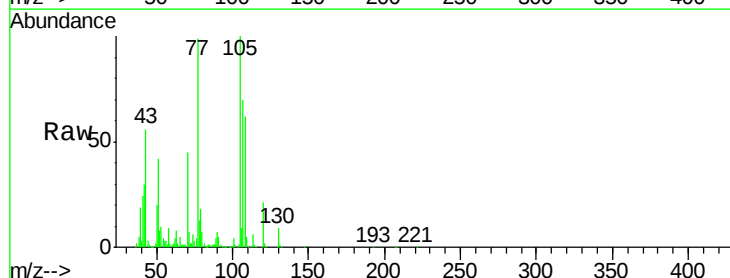
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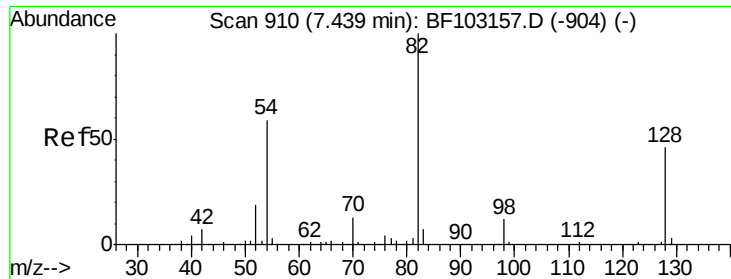
Sohil  
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#22  
Acetophenone  
Concen: 44.350 ng  
RT: 7.28 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 563239 |       |       |
| 71      | 7.1  |       | 4.4    | 6.6#  |       |
| 51      | 42.1 |       | 22.3   | 33.5# |       |
| 120     | 20.7 |       | 16.9   | 25.3  |       |





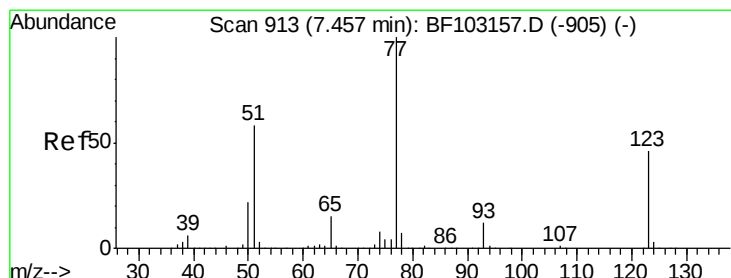
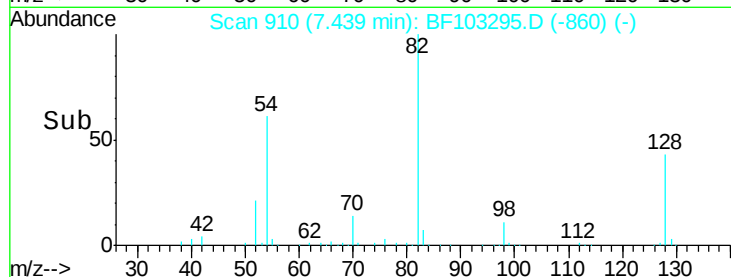
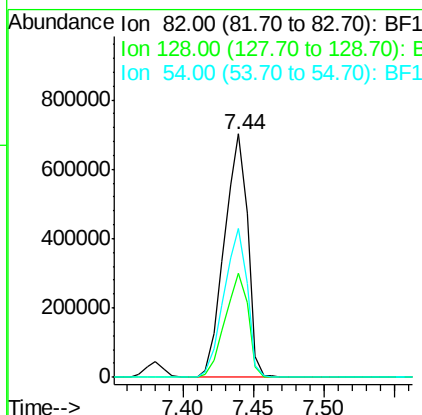
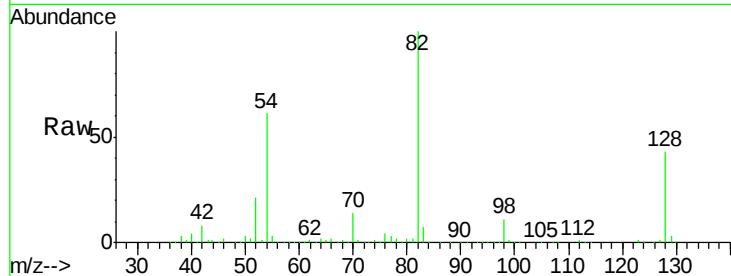
#23  
Nitrobenzene-d5  
Concen: 84.781 ng  
RT: 7.44 min Scan# 910  
Delta R.T. -0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 807727 |       |       |
| 128     | 42.9  |        | 36.1  | 54.1  |
| 54      | 61.0  |        | 41.4  | 62.2  |

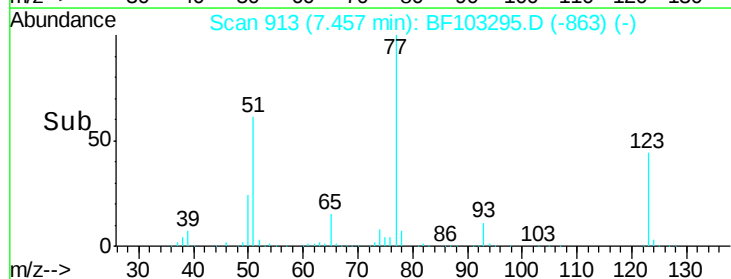
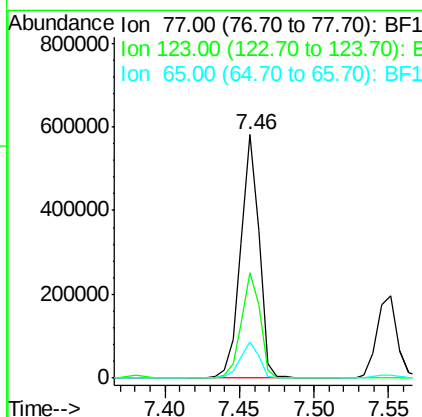
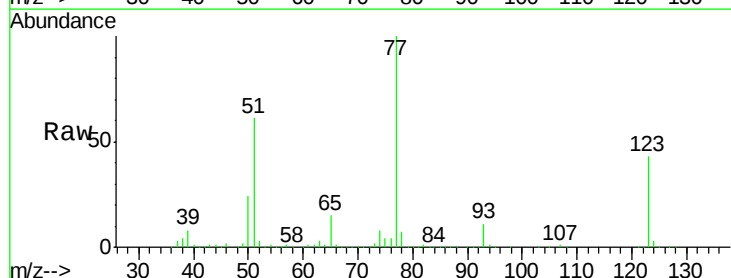
Manual Integrations  
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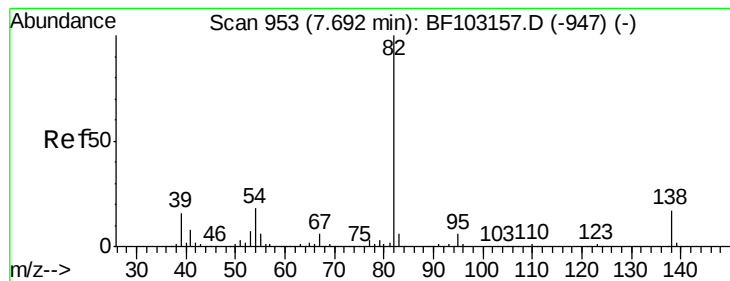
Sohil  
3/1/2018 11:42:59 AM



#24  
Nitrobenzene  
Concen: 47.356 ng  
RT: 7.46 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 496745 |       |       |
| 123     | 43.2  |        | 37.9  | 56.9  |
| 65      | 15.0  |        | 11.0  | 16.4  |





#25

Isophorone

Concen: 48.992 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

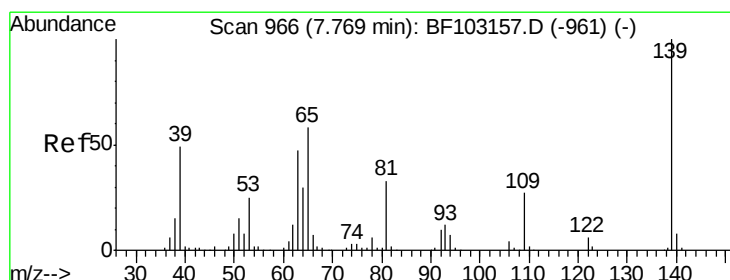
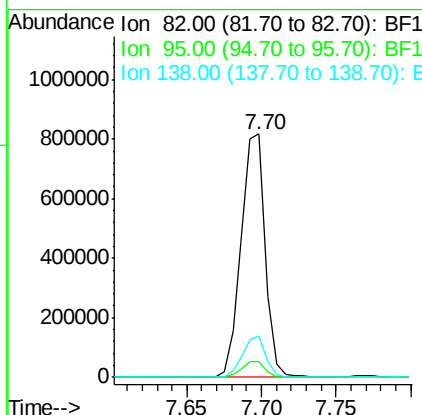
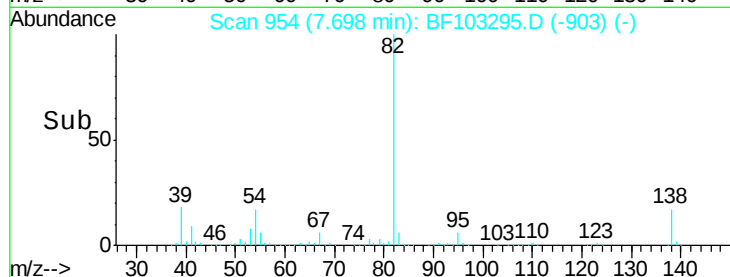
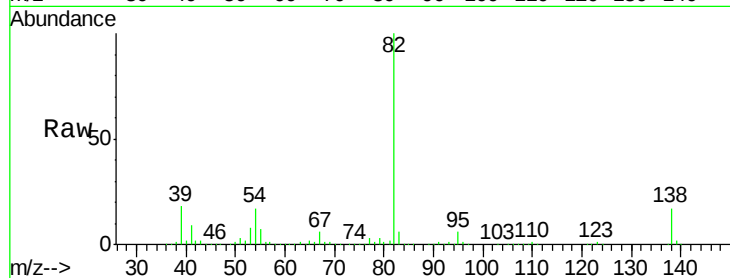
ClientSampleId :

PB106912BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 919294 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.5  | 5.2   | 7.8    |
| 138       | 16.9 | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 48.717 ng

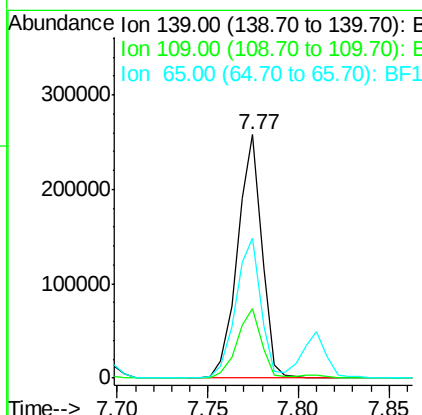
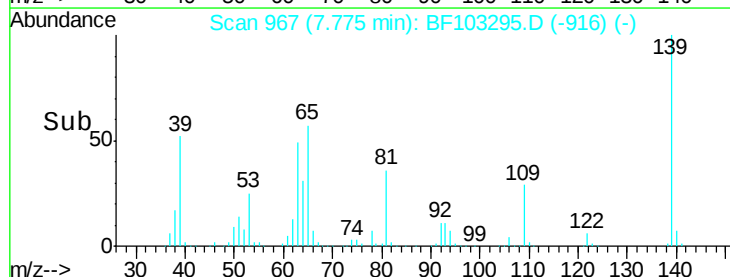
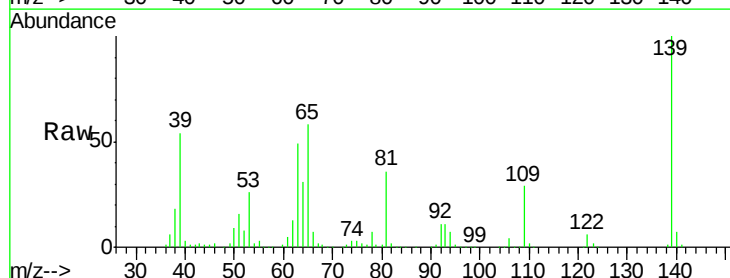
RT: 7.77 min Scan# 967

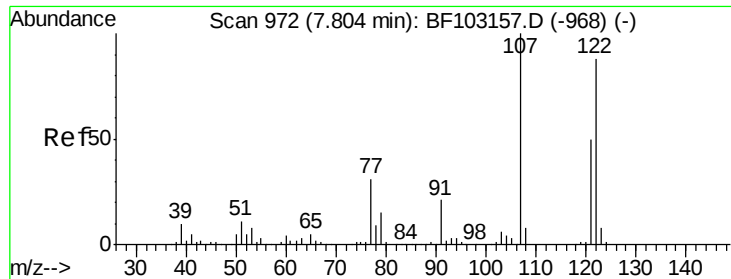
Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 240570 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 28.5 | 22.7  | 34.1   |
| 65        | 57.7 | 40.5  | 60.7   |





#27

2,4-Dimethylphenol

Concen: 53.404 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

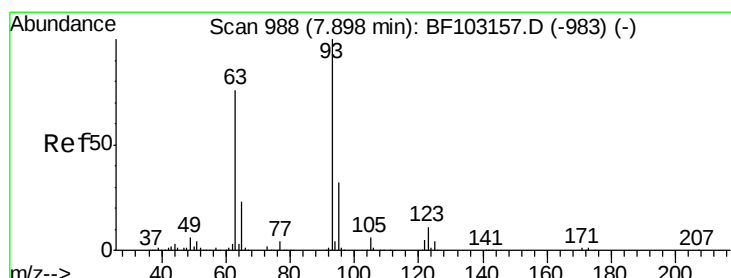
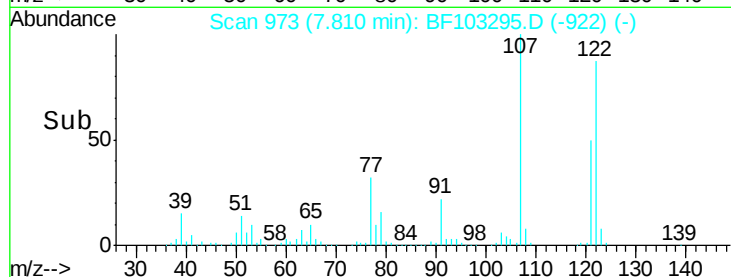
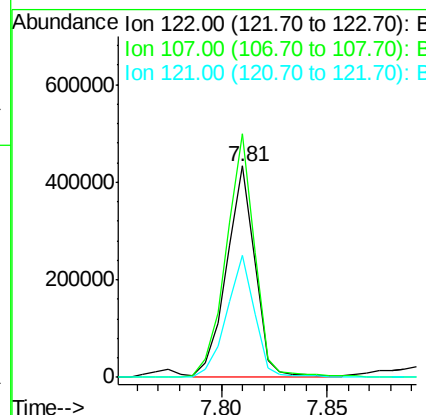
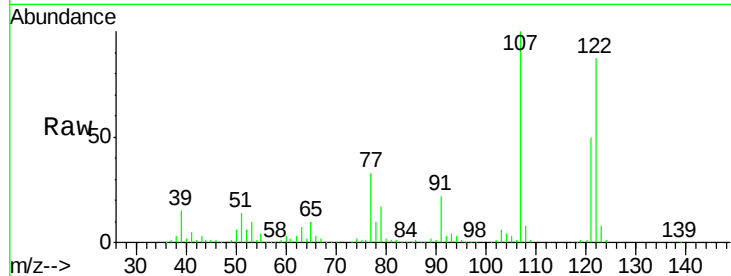
ClientSampleId :

PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.1 | 91.2  | 136.8 |
| 121     | 57.8  | 47.2  | 70.8  |

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#28

bis(2-Chloroethoxy)methane

Concen: 49.974 ng

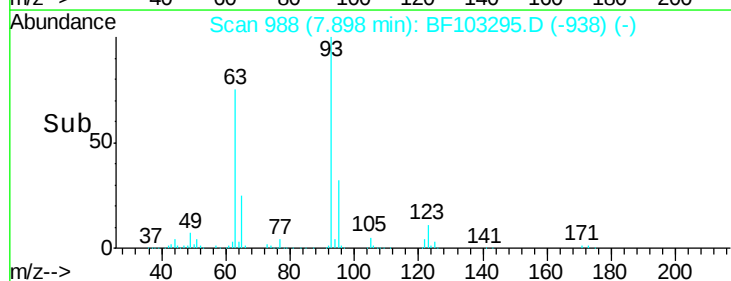
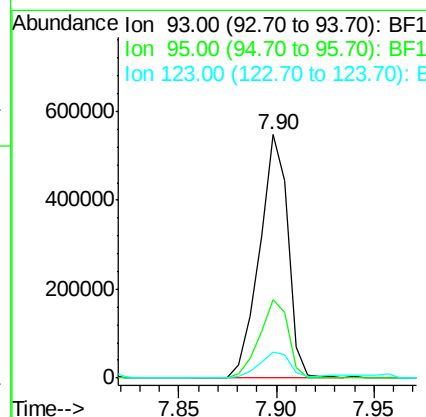
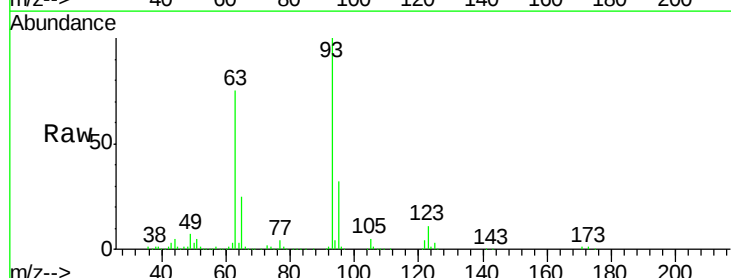
RT: 7.90 min Scan# 988

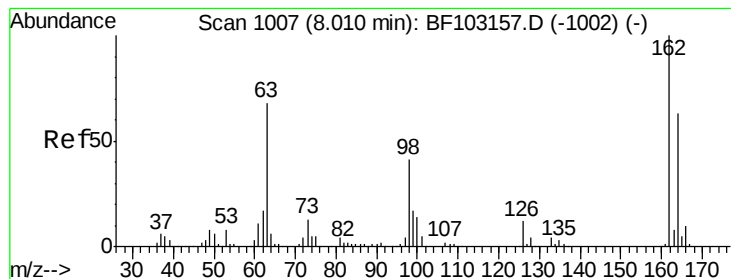
Delta R.T. -0.01 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 26.3  | 39.5  |
| 123     | 10.8  | 9.8   | 14.6  |





#29

2,4-Dichlorophenol

Concen: 49.235 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

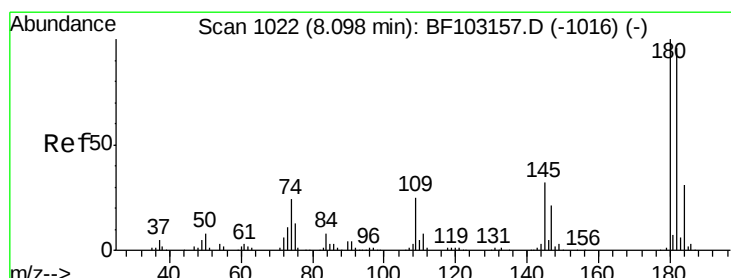
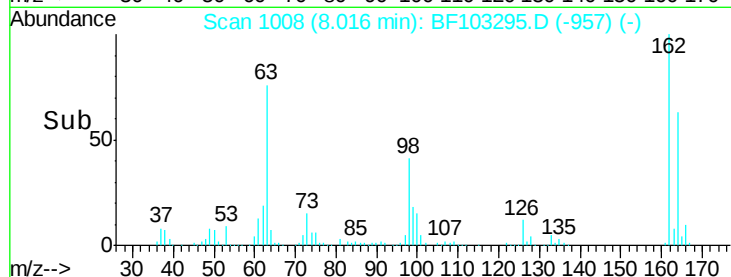
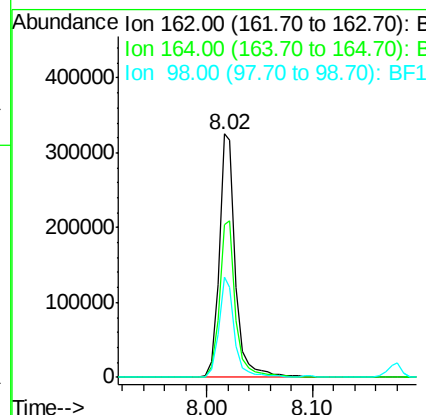
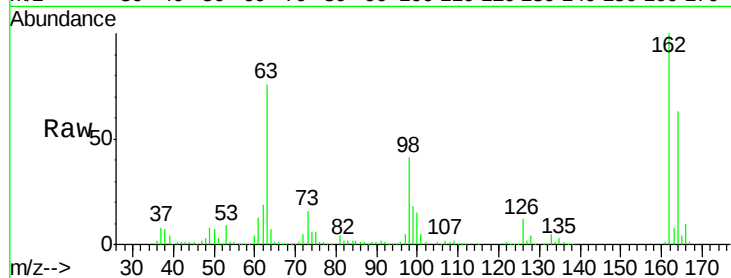
ClientSampled :

PB106912BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 355799 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.9  | 42.7  | 82.7   |
| 98        | 40.9  | 18.1  | 58.1   |

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#30

1,2,4-Trichlorobenzene

Concen: 43.750 ng

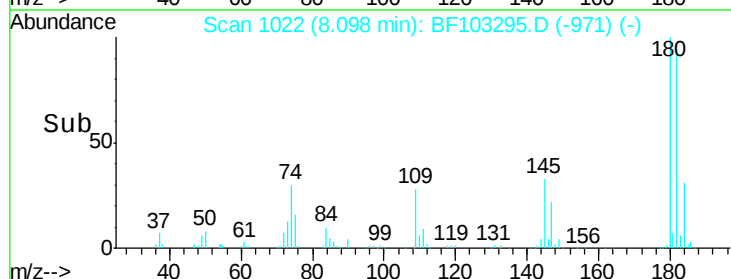
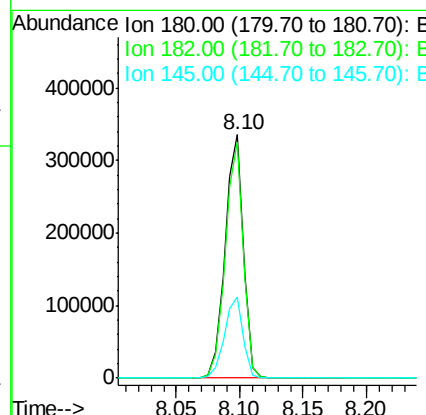
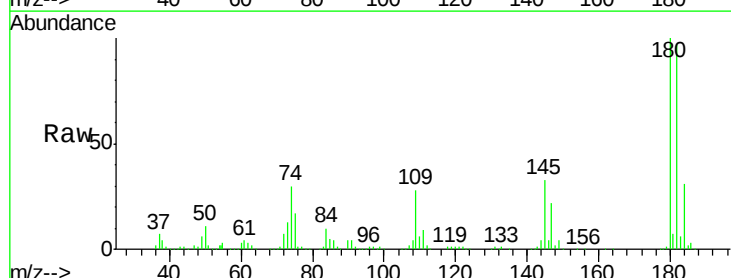
RT: 8.10 min Scan# 1022

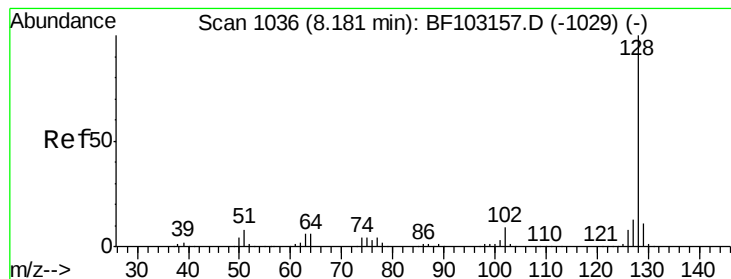
Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 336680 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.9  | 76.8  | 115.2  |
| 145       | 33.1  | 26.5  | 39.7   |





#31

Naphthalene

Concen: 45.183 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

ClientSampleId :

PB106912BS

Tot Ion:128 Resp: 1203546

Ion Ratio Lower Upper

128 100

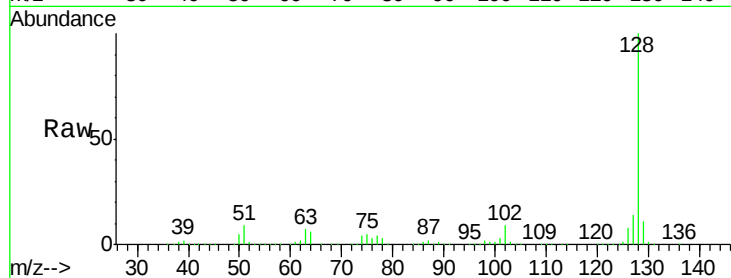
129 11.4 8.8 13.2

127 13.6 10.9 16.3

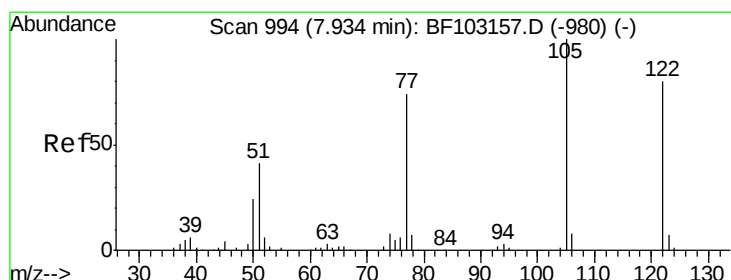
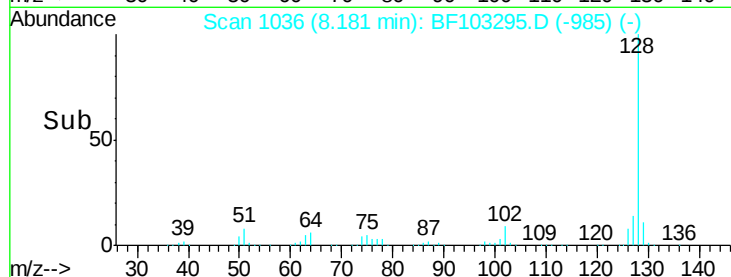
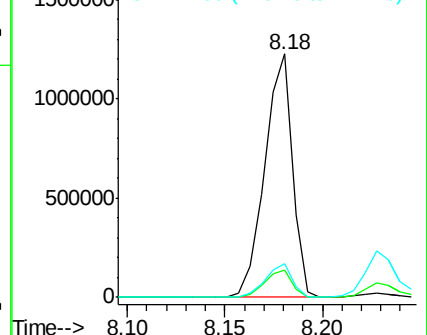
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Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.613 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

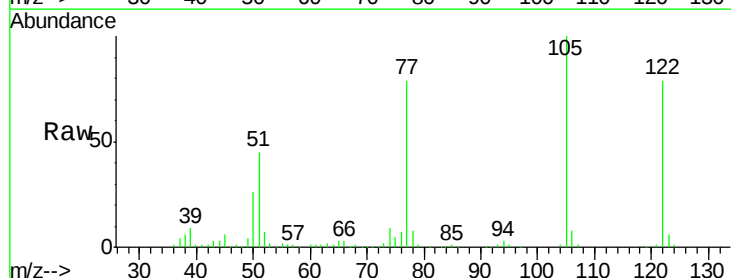
Tgt Ion:122 Resp: 292426

Ion Ratio Lower Upper

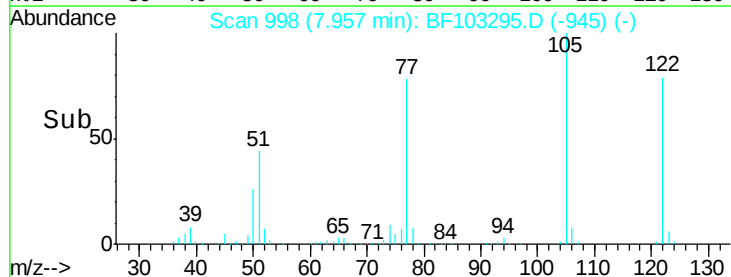
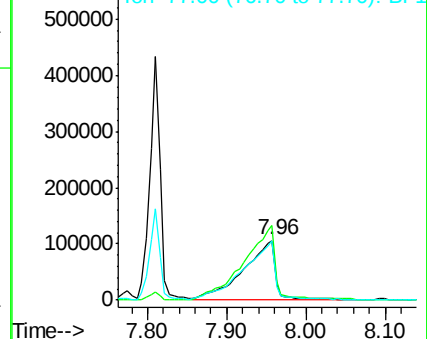
122 100

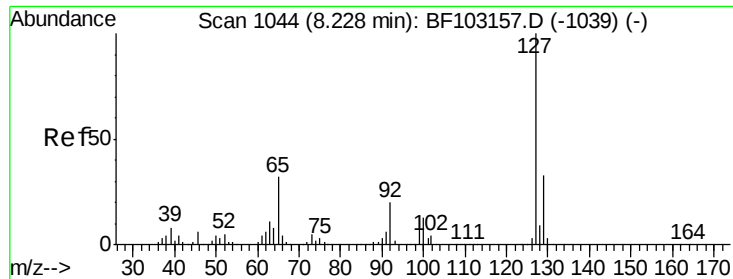
105 125.9 101.1 141.1

77 99.6 70.7 110.7



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





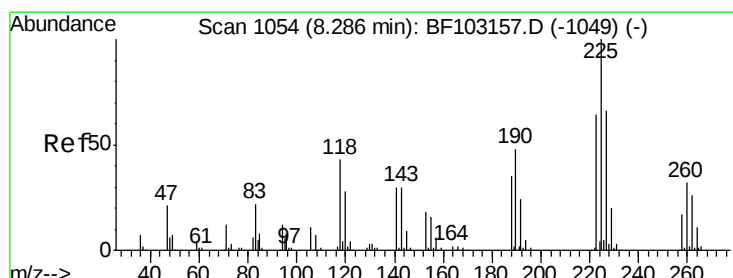
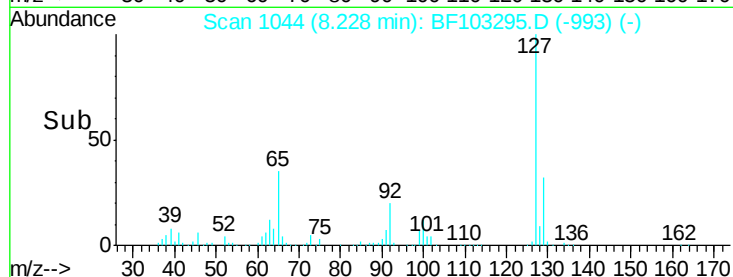
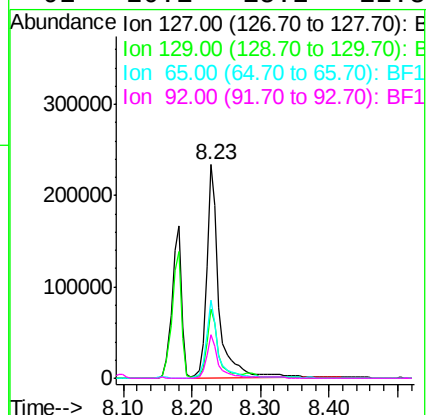
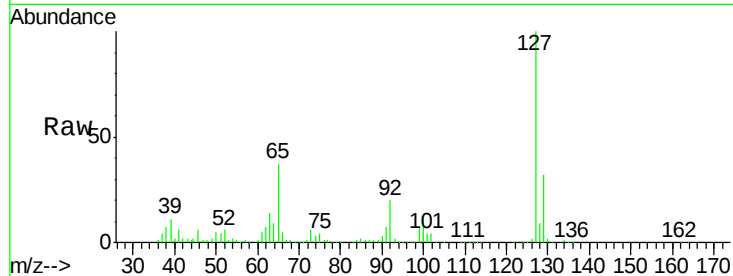
#33  
4-Chloroaniline  
Concen: 25.868 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 297345 |       |       |
| 129     | 32.4 | 25.9  | 38.9   |       |       |
| 65      | 36.8 | 25.0  | 37.4   |       |       |
| 92      | 20.1 | 15.2  | 22.8   |       |       |

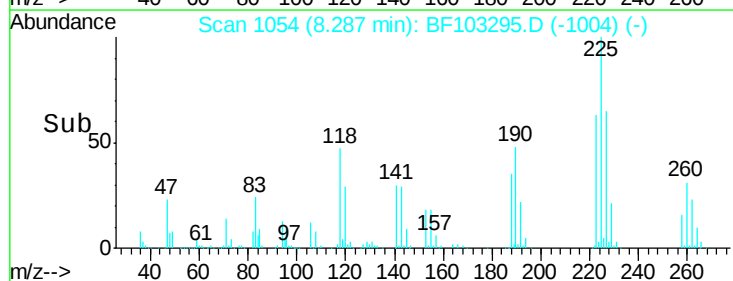
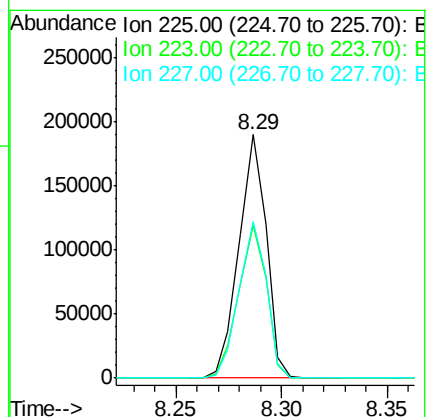
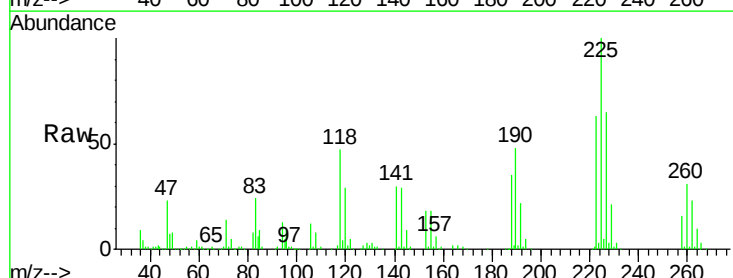
Manual Integrations  
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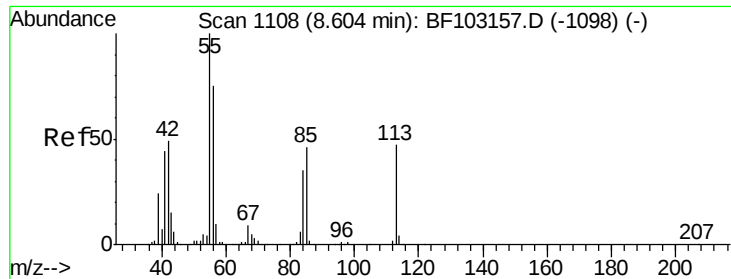
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 42.438 ng  
RT: 8.29 min Scan# 1054  
Delta R.T. -0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 170062 |       |       |
| 223     | 62.6 | 50.6  | 76.0   |       |       |
| 227     | 64.5 | 51.9  | 77.9   |       |       |





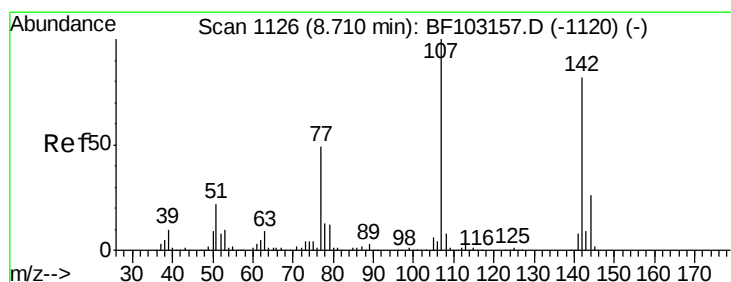
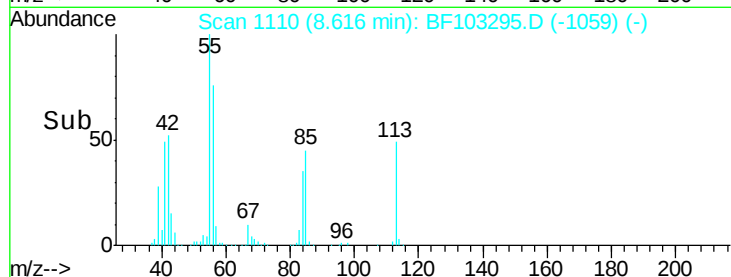
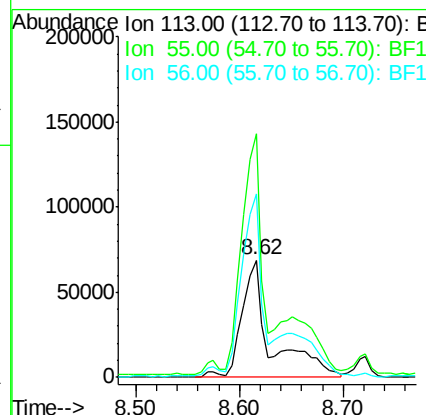
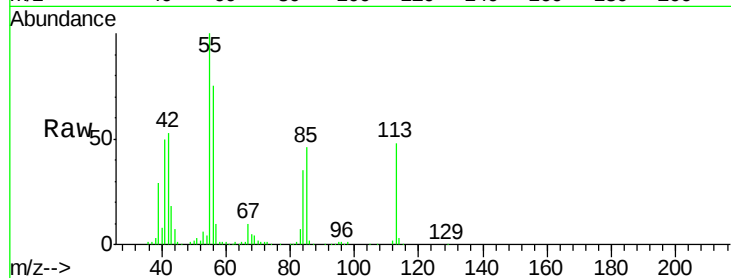
#35  
Caprolactam  
Concen: 53.465 ng/ml  
RT: 8.62 min Scan# 1110  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleID :  
PB106912BS

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 113     | 100   |       |        |       |
| 55      | 207.8 | 163.3 | 203.3# |       |
| 56      | 156.6 | 115.7 | 155.7# |       |

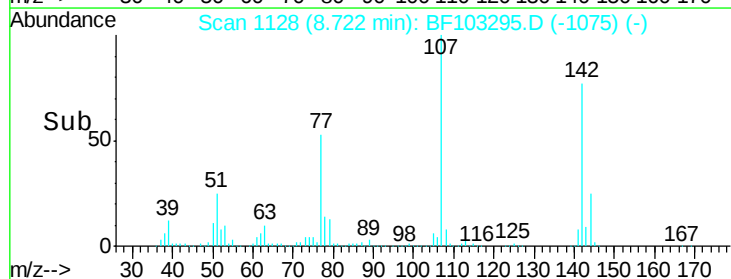
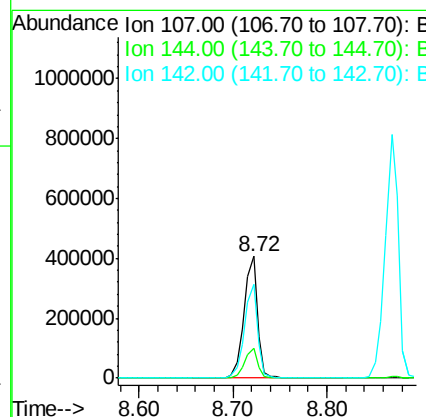
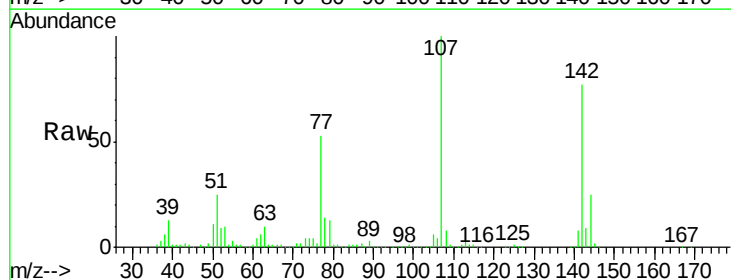
Manual Integrations  
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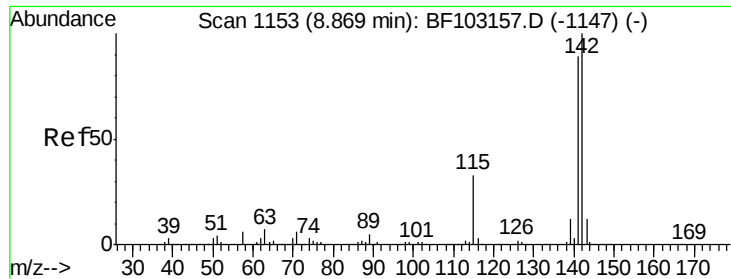
Sohil  
3/1/2018 11:42:59 AM



#36  
4-Chloro-3-methylphenol  
Concen: 49.960 ng/ml  
RT: 8.72 min Scan# 1128  
Delta R.T. 0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 144     | 25.0  | 20.5 | 30.7  |       |
| 142     | 77.4  | 62.0 | 93.0  |       |





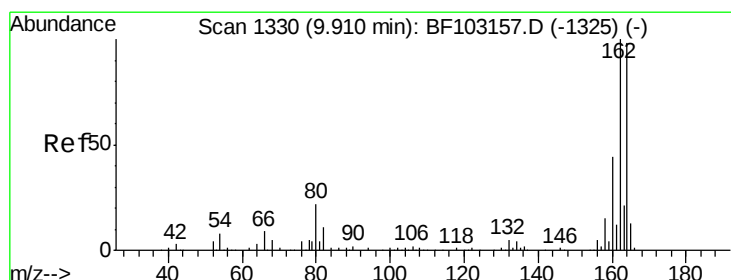
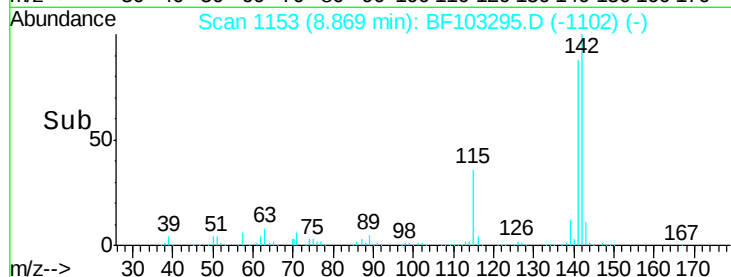
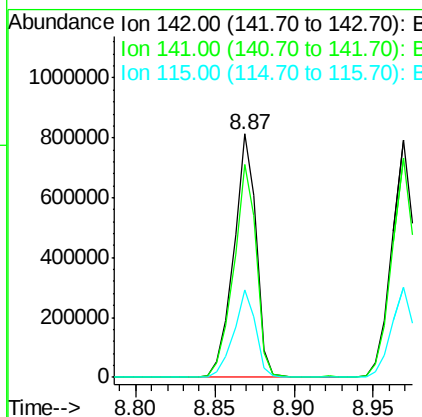
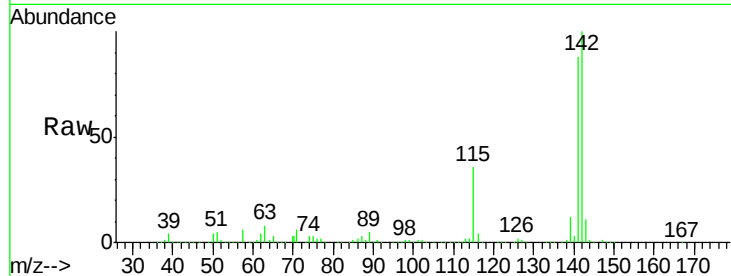
#37  
2-Methylnaphthalene  
Concen: 46.423 ng  
RT: 8.87 min Scan# 1153  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.5  | 70.8  | 106.2 |
| 115     | 35.7  | 26.1  | 39.1  |

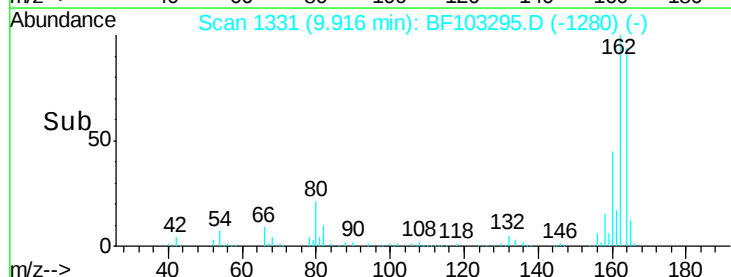
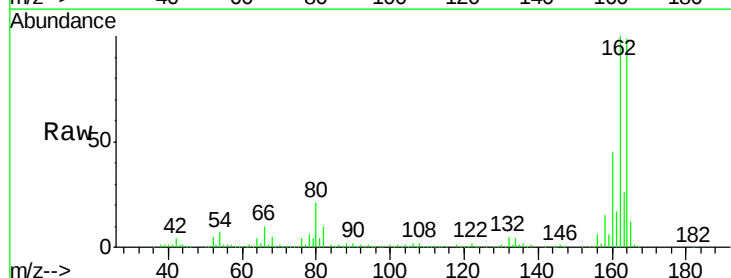
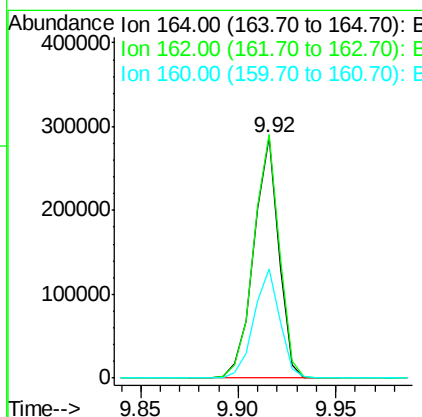
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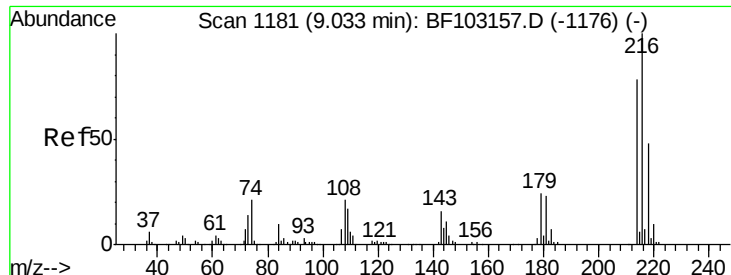
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.2 | 86.1  | 129.1 |
| 160     | 45.5  | 38.3  | 57.5  |





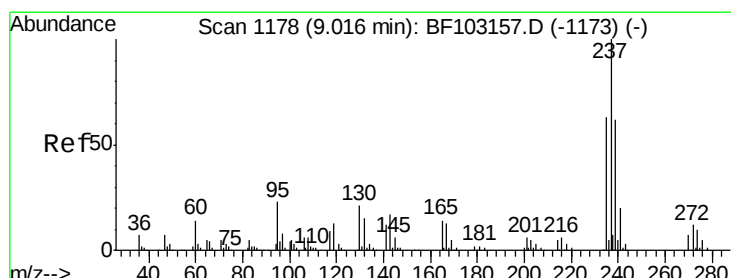
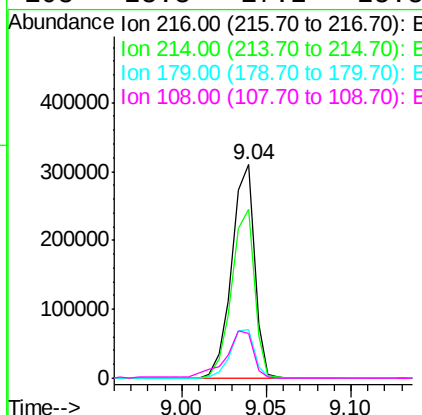
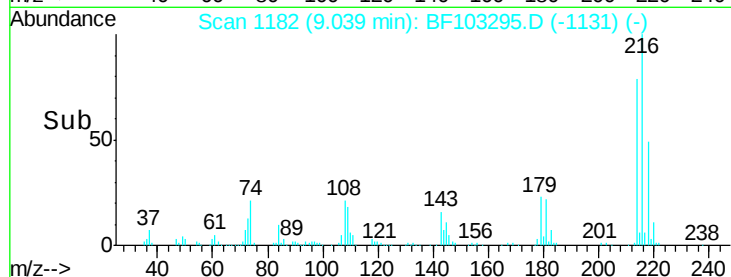
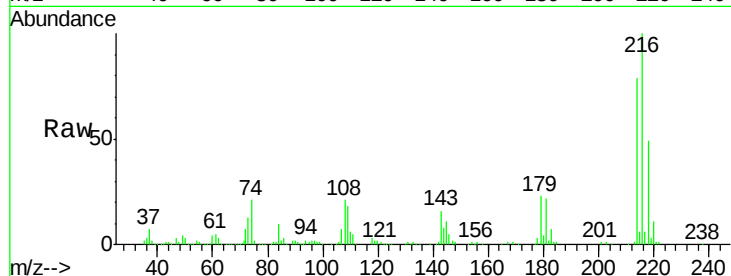
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.615 ng  
 RT: 9.04 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB106912BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 290466 |       |       |
| 214     | 79.6 | 63.0  | 94.4   |       |       |
| 179     | 23.6 | 18.1  | 27.1   |       |       |
| 108     | 28.3 | 17.2  | 25.8   |       |       |

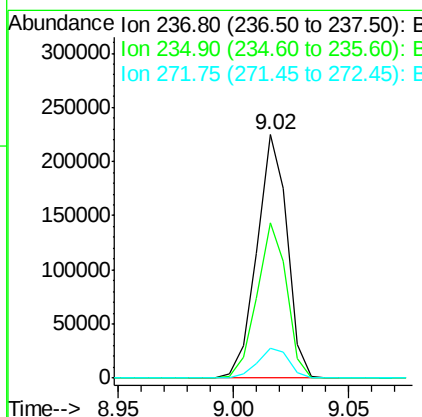
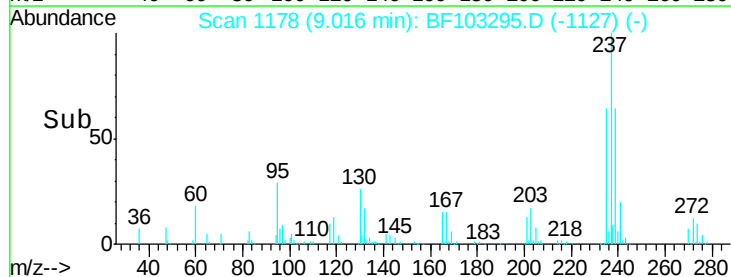
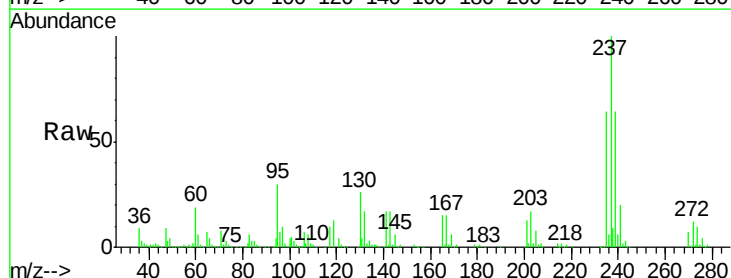
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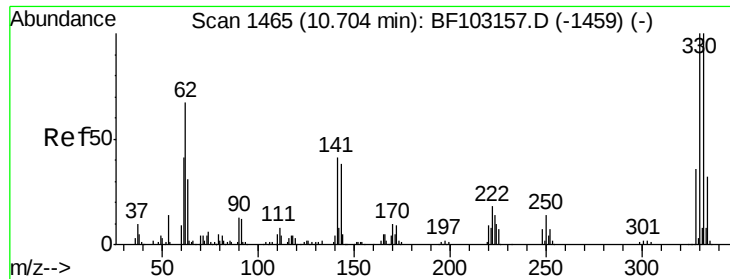
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#40  
 Hexachlorocyclopentadiene  
 Concen: 83.045 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. 0.00 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 205247 |       |       |
| 235     | 63.6 | 44.8  | 84.8   |       |       |
| 272     | 12.4 | 0.0   | 33.3   |       |       |





#41

2,4,6-Tribromophenol

Concen: 121.676 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

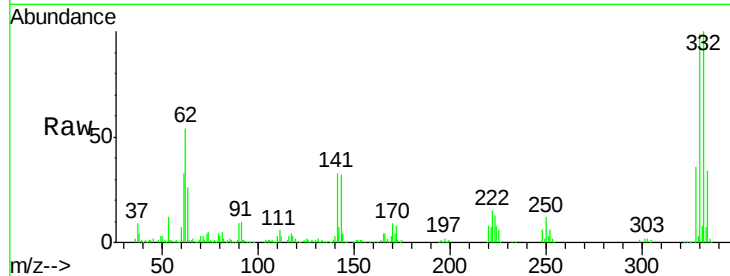
ClientSampled :

PB106912BS

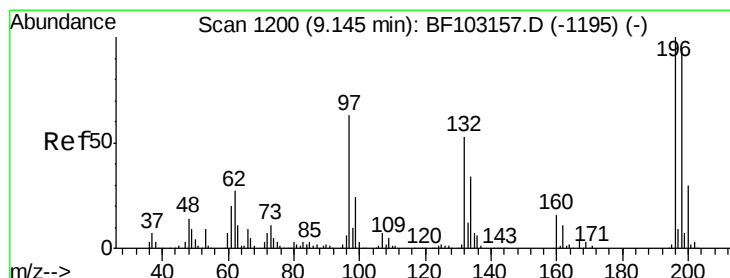
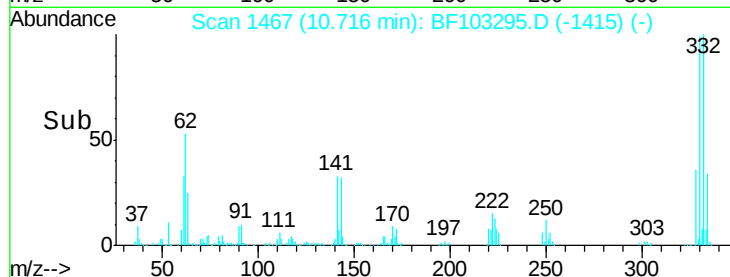
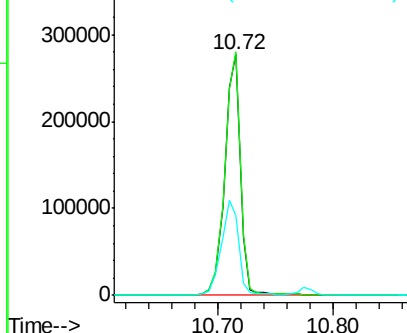
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 262954 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 101.9 | 77.0  | 115.6  |
| 141       | 43.4  | 29.9  | 44.9   |

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



#42

2,4,6-Trichlorophenol

Concen: 46.830 ng

RT: 9.15 min Scan# 1201

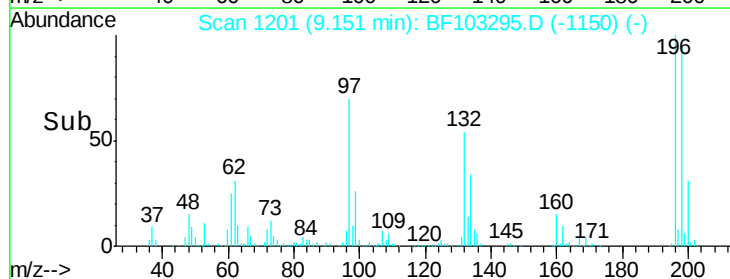
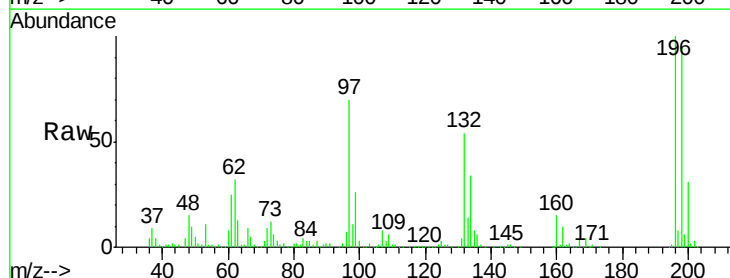
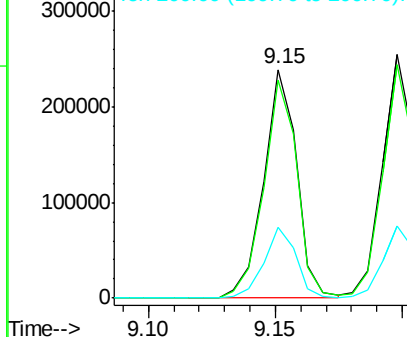
Delta R.T. 0.00 min

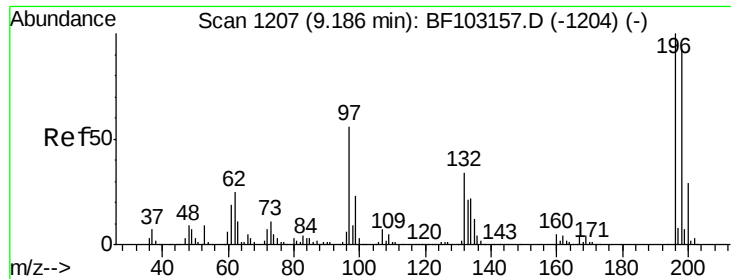
Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 219939 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.4  | 75.7  | 113.5  |
| 200       | 30.9  | 24.5  | 36.7   |

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





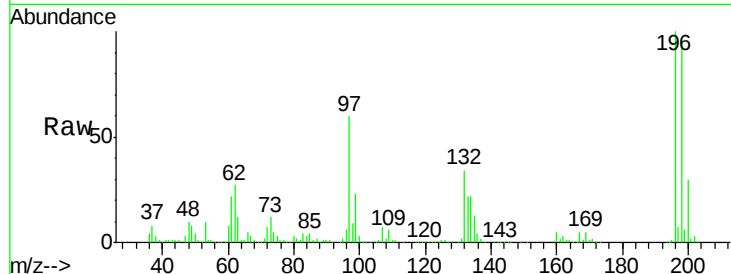
#43  
2,4,5-Trichlorophenol  
Concen: 44.114 ng  
RT: 9.20 min Scan# 1209  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

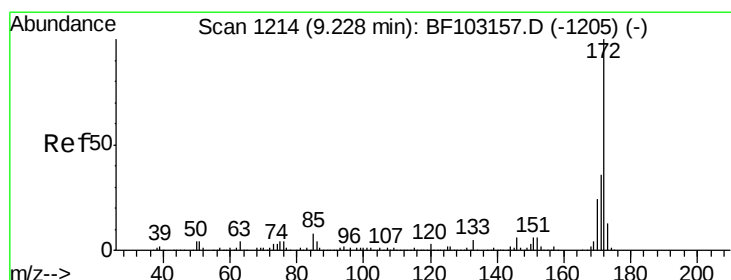
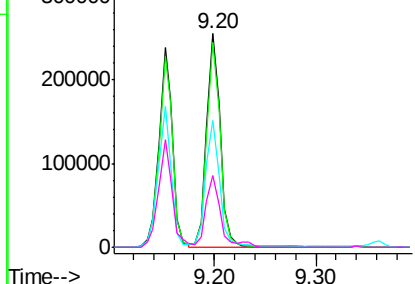
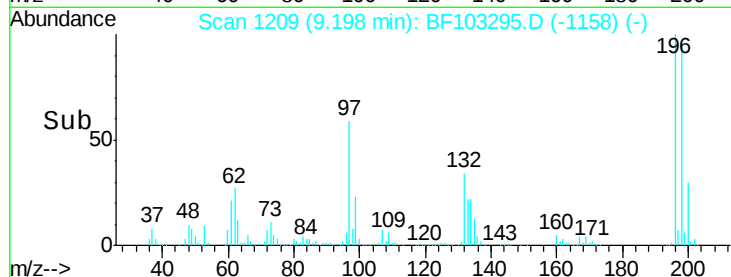
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 238289 |       |       |
| 198     | 96.0 |       | 74.6   | 112.0 |       |
| 97      | 59.6 |       | 42.9   | 64.3  |       |
| 132     | 33.8 |       | 26.3   | 39.5  |       |

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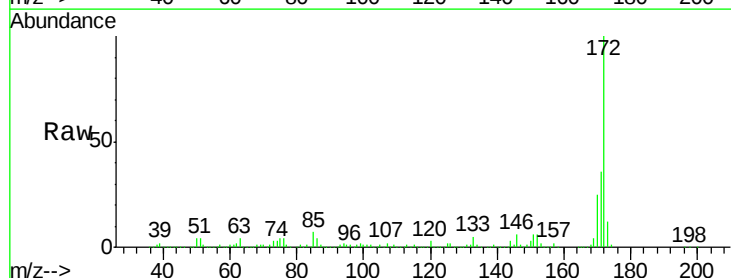


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BF1  
Ion 132.00 (131.70 to 132.70): E

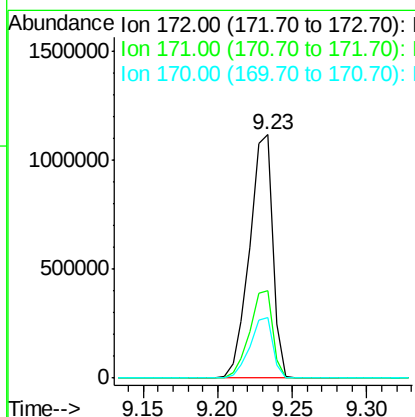
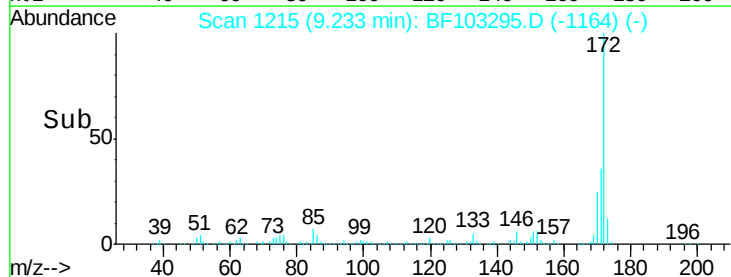


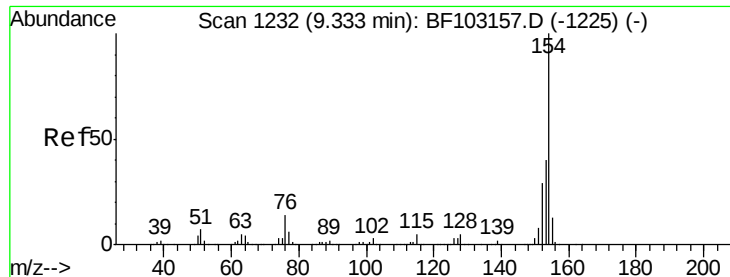
#44  
2-Fluorobiphenyl  
Concen: 79.401 ng  
RT: 9.23 min Scan# 1215  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 172     | 100  |       | 1195567 |       |       |
| 171     | 35.8 |       | 29.7    | 44.5  |       |
| 170     | 24.8 |       | 19.6    | 29.4  |       |



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





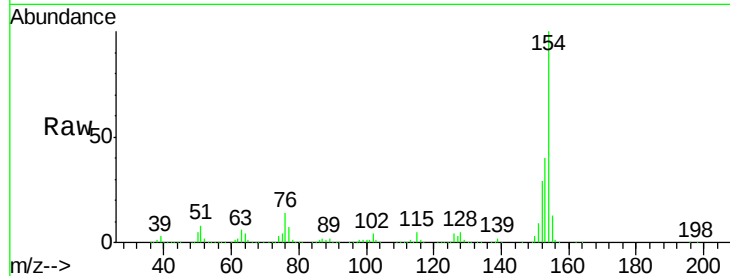
#45  
 1,1'-Biphenyl  
 Concen: 42.309 ng  
 RT: 9.33 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB106912BS

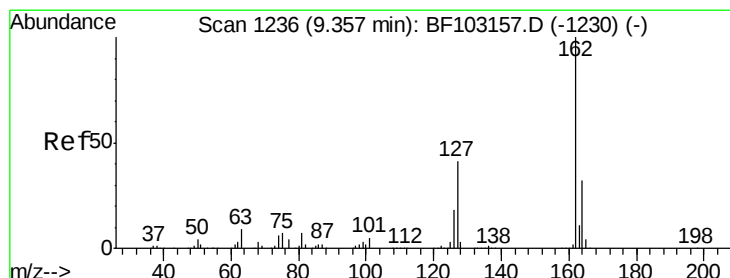
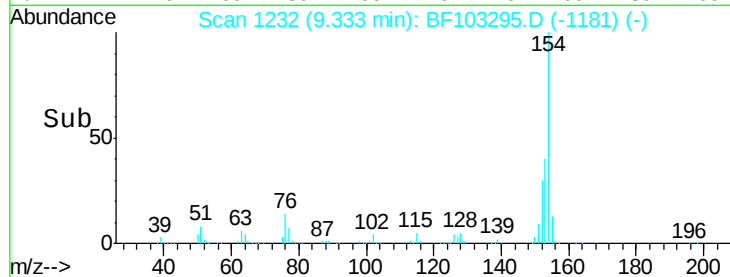
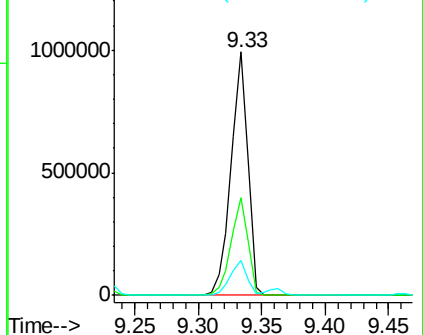
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 40.4  | 21.3       | 61.3  |
| 76      | 14.5  | 0.0        | 34.0  |

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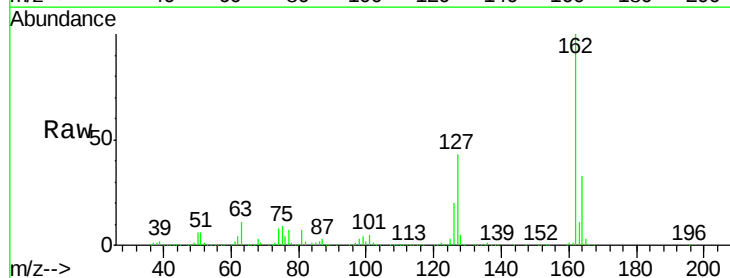


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

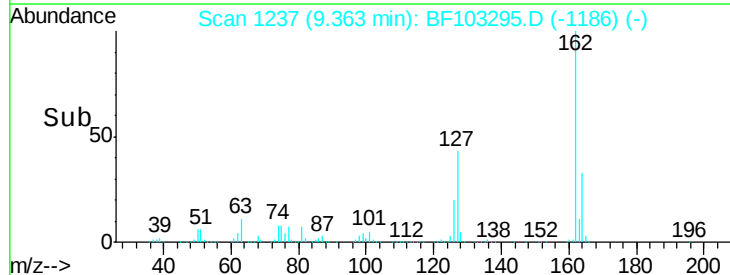
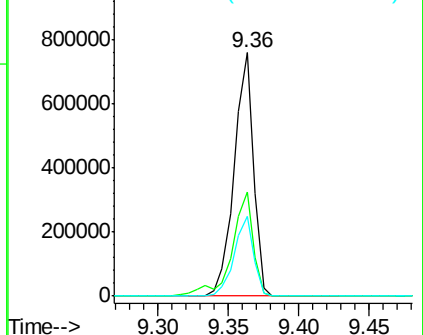


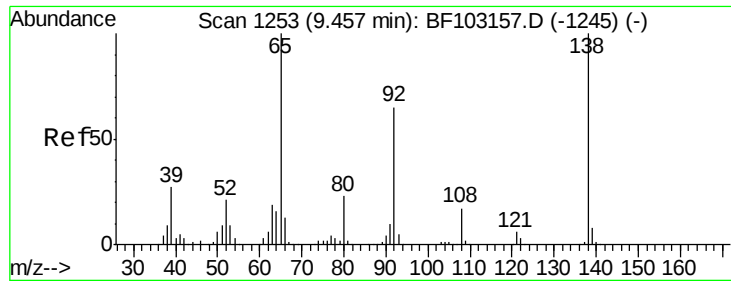
#46  
 2-Chloronaphthalene  
 Concen: 42.661 ng  
 RT: 9.36 min Scan# 1237  
 Delta R.T. 0.00 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 42.6  | 33.9       | 50.9  |
| 164     | 32.9  | 26.5       | 39.7  |



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





#47

2-Nitroaniline

Concen: 48.712 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

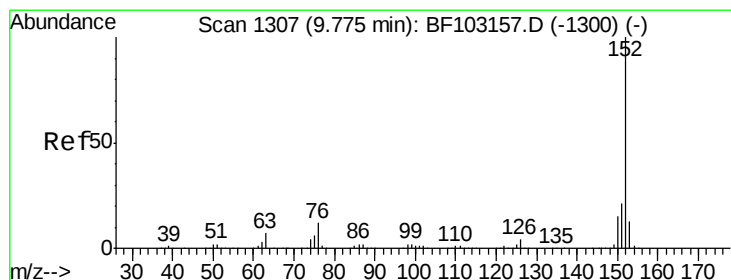
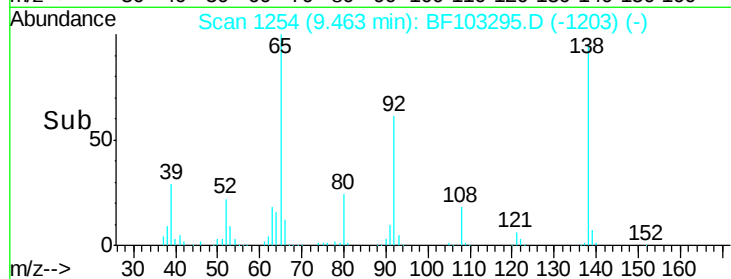
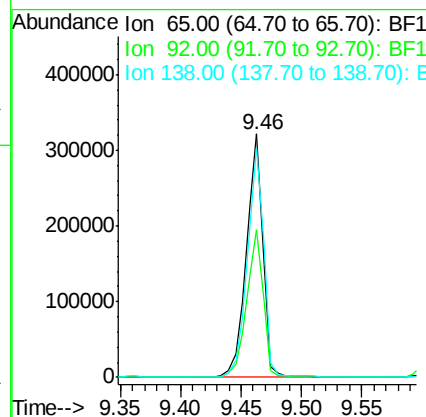
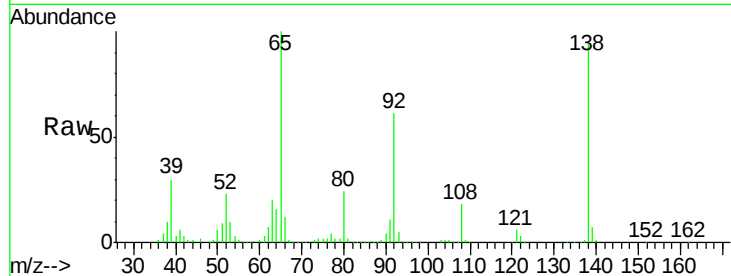
ClientSampleId :

PB106912BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 305400 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 60.6  | 55.8  | 83.6   |
| 138       | 94.2  | 91.2  | 136.8  |

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#48

Acenaphthylene

Concen: 42.626 ng

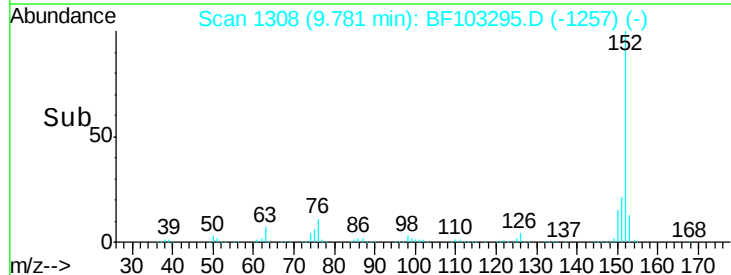
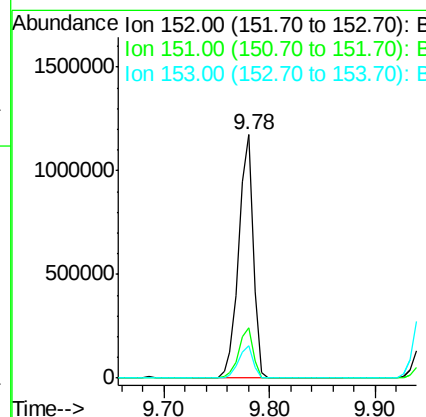
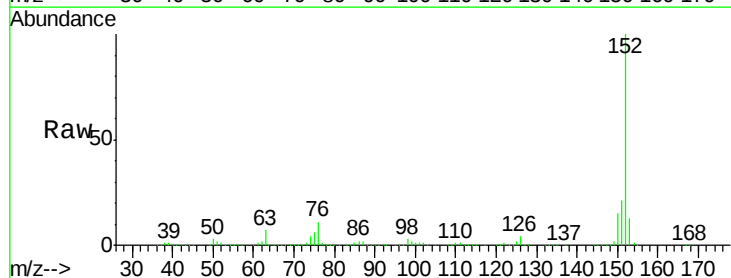
RT: 9.78 min Scan# 1308

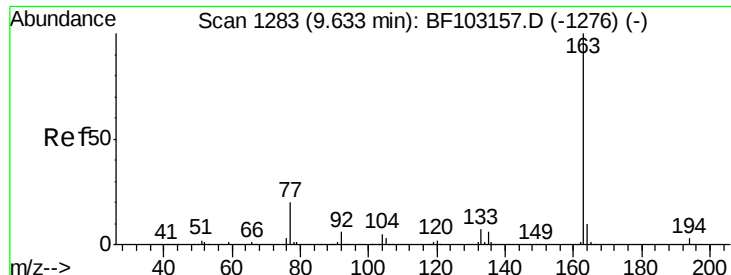
Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 1110047 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 20.6  | 16.3  | 24.5    |
| 153       | 13.2  | 10.7  | 16.1    |





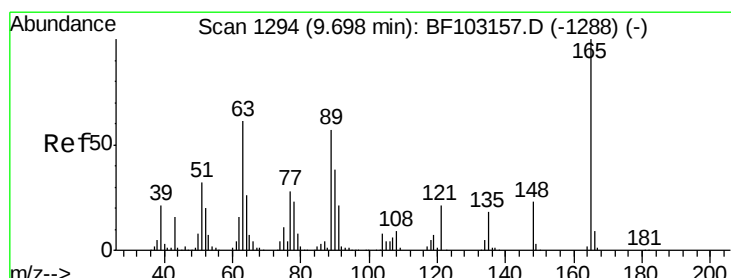
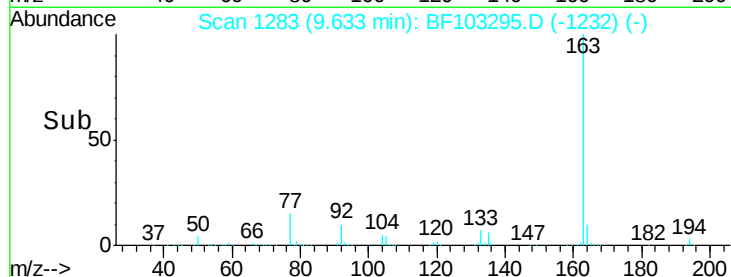
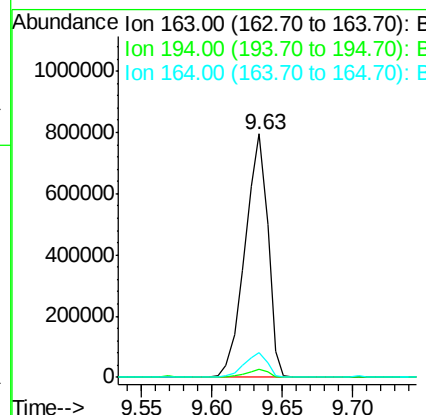
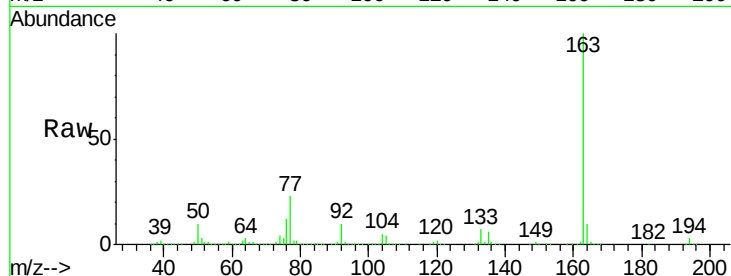
#49  
Dimethylphthalate  
Concen: 43.934 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampled :  
PB106912BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 899851 |       |       |
| 194     | 3.4   |        | 2.7   | 4.1   |
| 164     | 10.3  |        | 8.2   | 12.2  |

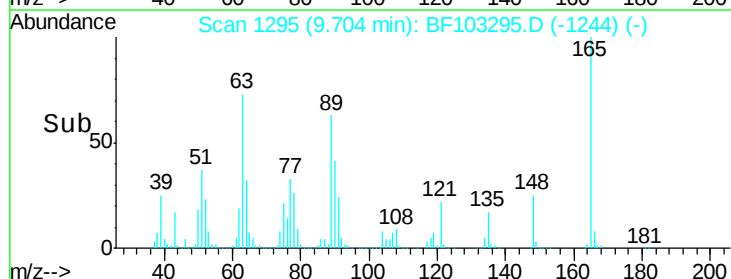
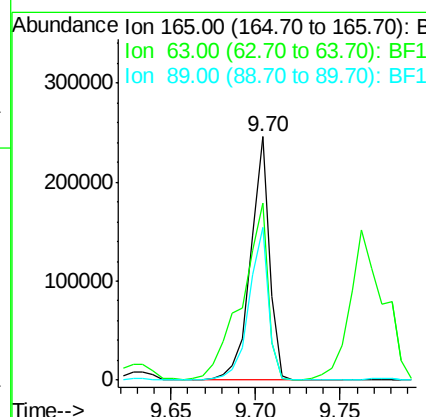
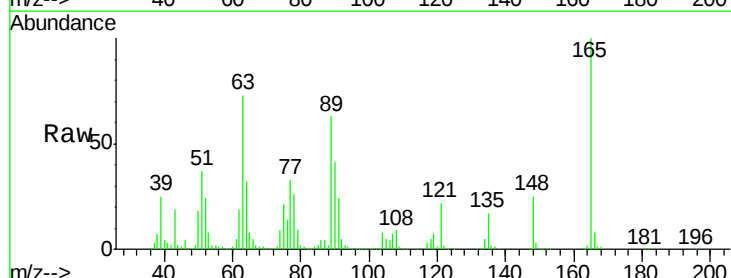
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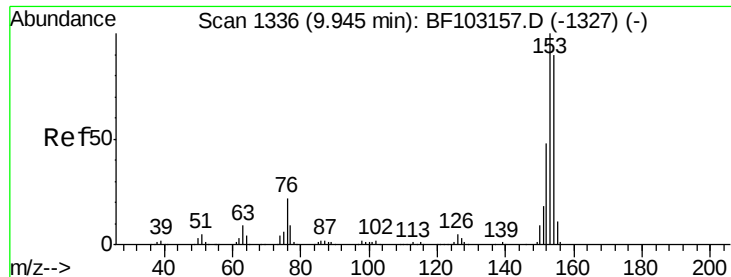
Sohil  
3/1/2018 11:42:59 AM



#50  
2,6-Dinitrotoluene  
Concen: 44.967 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 193277 |       |       |
| 63      | 72.7  |        | 44.7  | 67.1# |
| 89      | 62.8  |        | 44.0  | 66.0  |





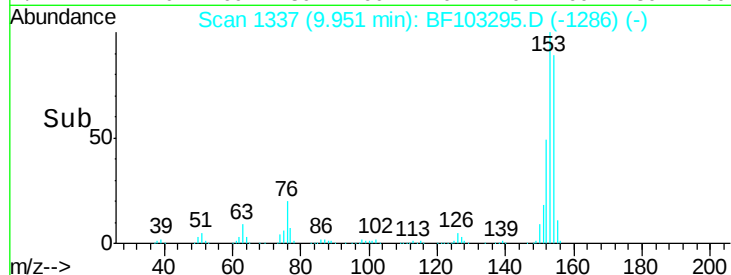
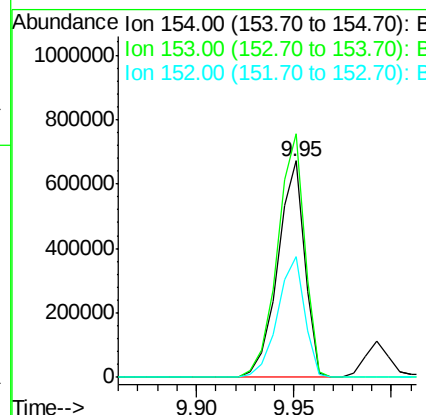
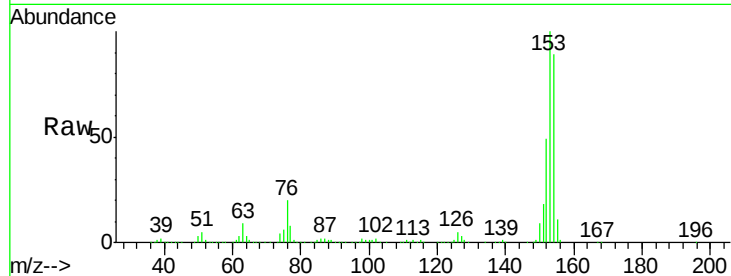
#51  
Acenaphthene  
Concen: 42.326 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.4 | 91.2  | 136.8 |
| 152     | 55.6  | 43.8  | 65.8  |

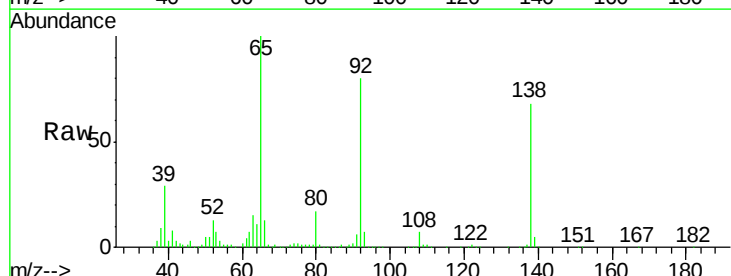
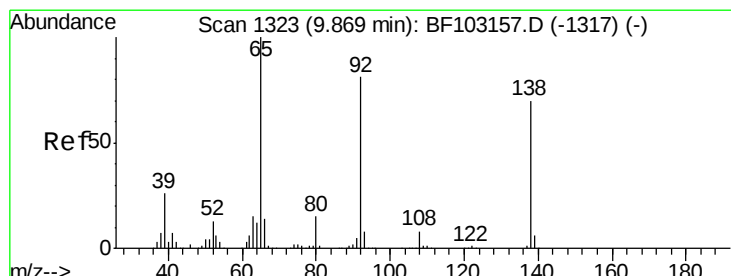
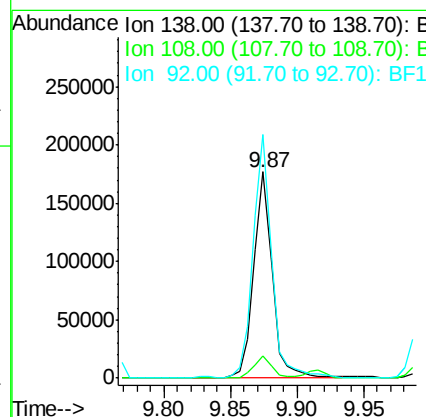
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#52  
3-Nitroaniline  
Concen: 30.836 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.6  | 9.4   | 14.0  |
| 92      | 118.0 | 89.4  | 134.2 |





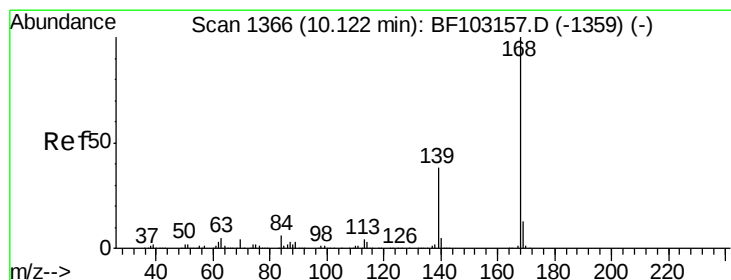
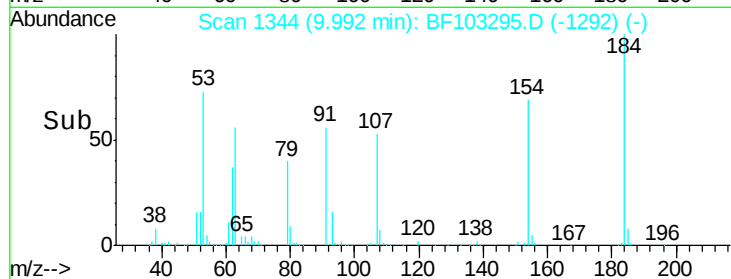
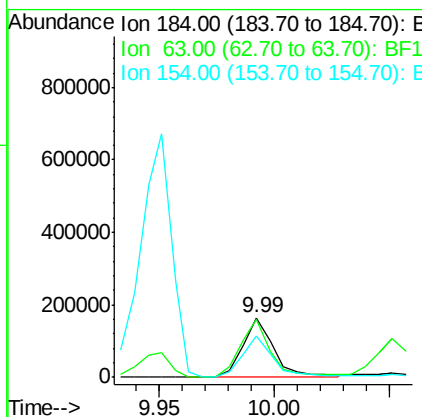
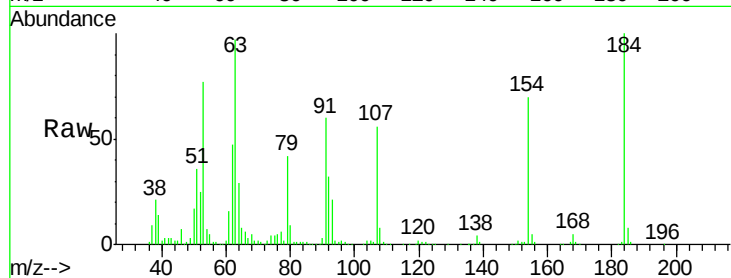
#53  
2,4-Dinitrophenol  
Concen: 97.844 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 184     | 100   |       |        |       |
| 63      | 96.7  | 54.2  | 81.2#  |       |
| 154     | 69.7  | 184.0 | 276.0# |       |

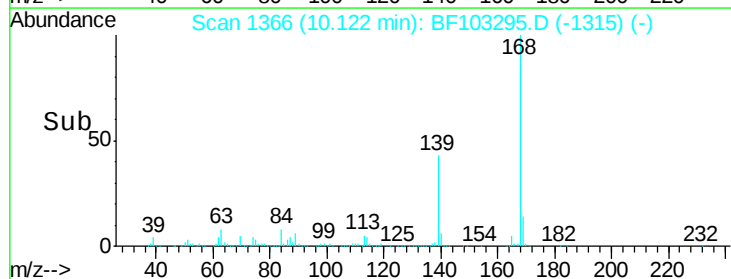
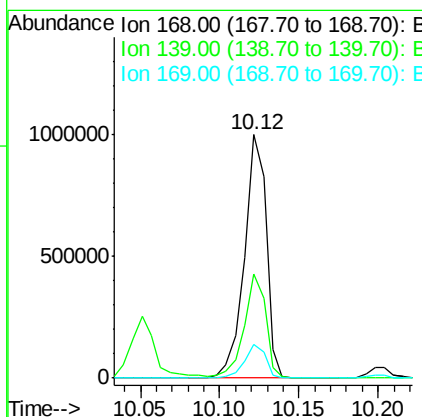
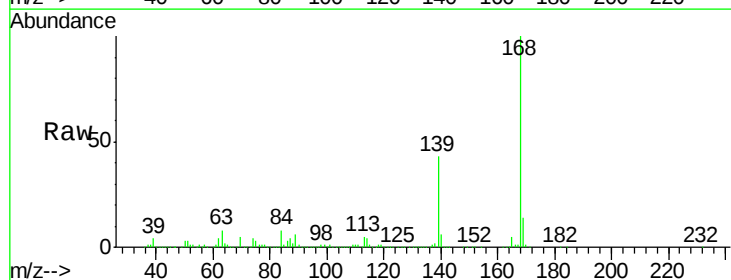
Manual Integrations  
APPROVED

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3/1/2018 11:42:59 AM



#54  
Dibenzofuran  
Concen: 45.538 ng  
RT: 10.12 min Scan# 1366  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 42.8  | 30.1 | 45.1  |       |
| 169     | 13.7  | 10.9 | 16.3  |       |





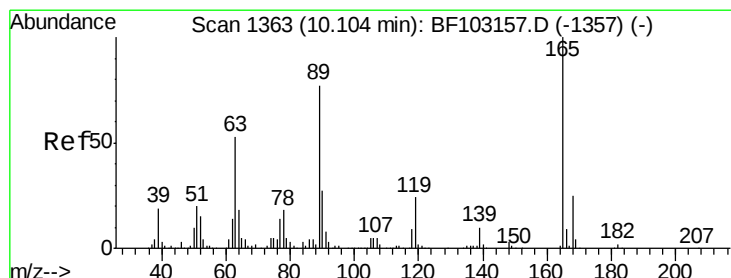
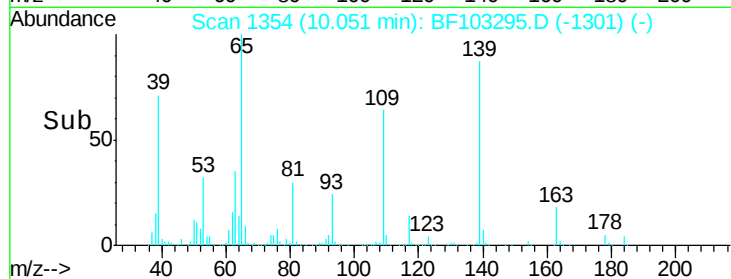
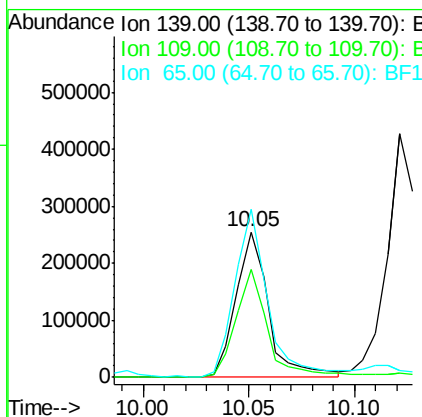
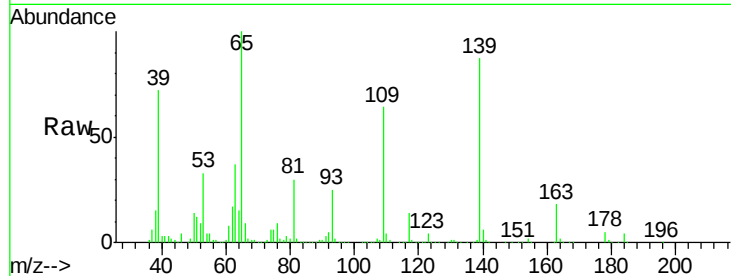
#55  
4-Nitrophenol  
Concen: 80.866 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. 0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampled :  
PB106912BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 273305 |       |       |
| 109     | 73.9  | 48.4   | 88.4  |       |
| 65      | 115.1 | 72.6   | 112.6 |       |

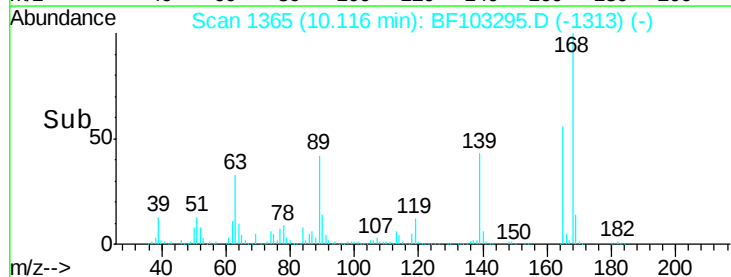
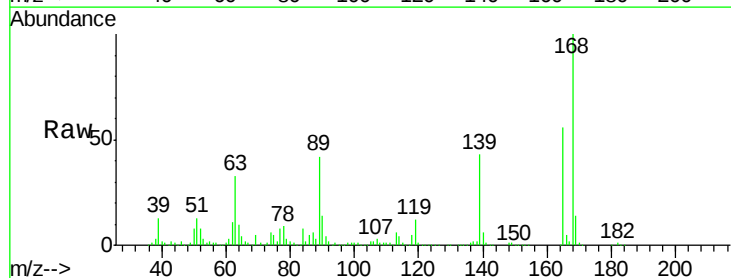
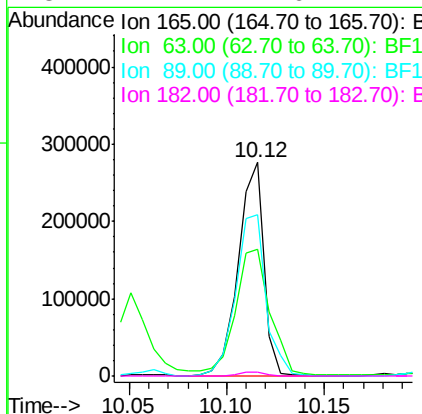
Manual Integrations  
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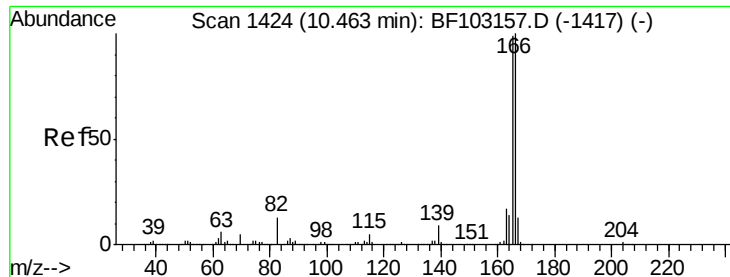
Sohil  
3/1/2018 11:42:59 AM



#56  
2,4-Dinitrotoluene  
Concen: 45.992 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. 0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 250013 |       |       |
| 63      | 59.3  | 36.4   | 54.6  |       |
| 89      | 75.7  | 57.8   | 86.6  |       |
| 182     | 2.1   | 1.6    | 2.4   |       |





#57

Fluorene

Concen: 41.715 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

ClientSampled :

PB106912BS

Tot Ion:166 Resp: 740757

Ion Ratio Lower Upper

166 100

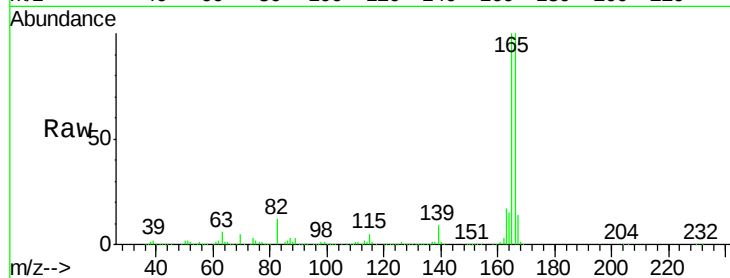
165 99.9 79.8 119.8

167 13.6 10.6 16.0

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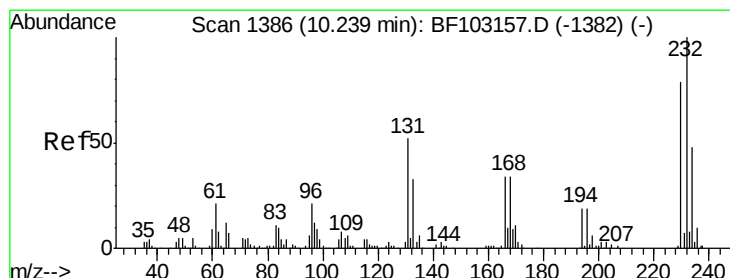
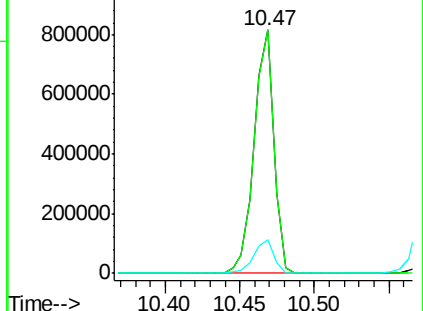
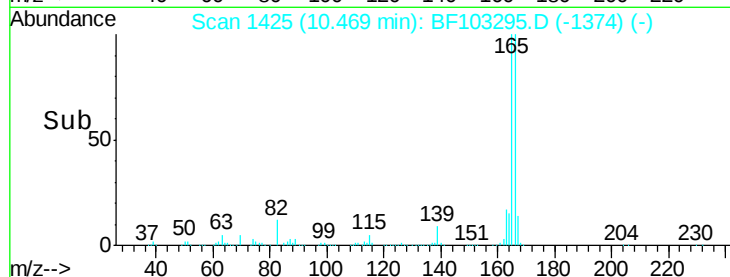
3/1/2018 11:42:59 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.284 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Tgt Ion:232 Resp: 175206

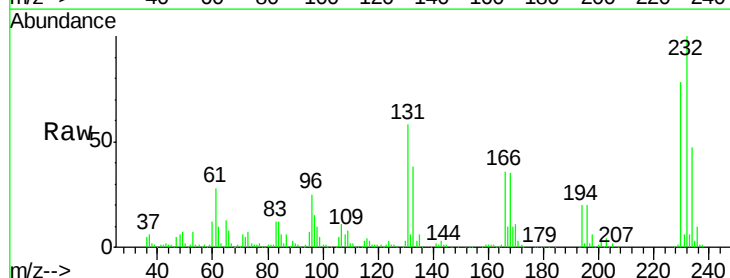
Ion Ratio Lower Upper

232 100

131 59.7 43.8 65.8

130 3.3 2.1 3.1#

166 35.4 27.8 41.6

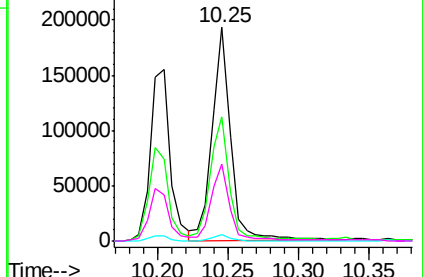
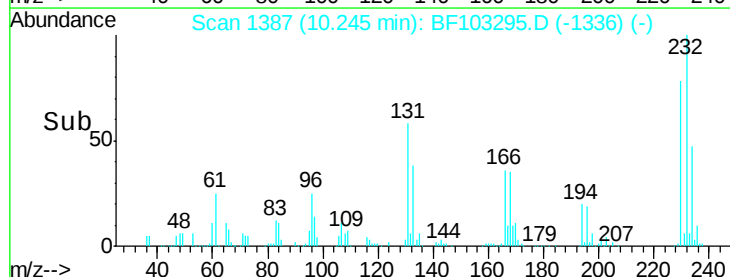


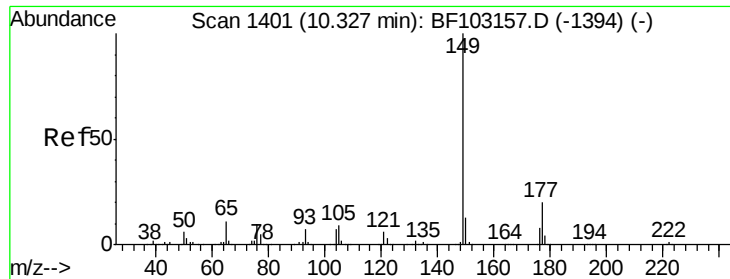
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





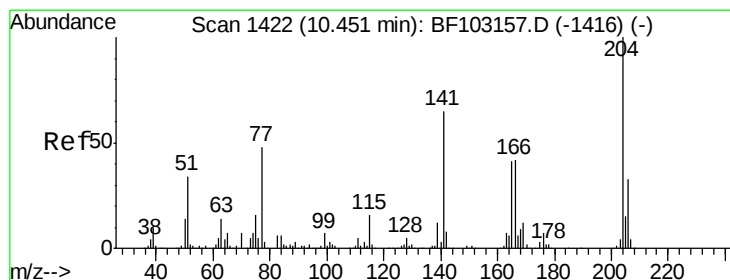
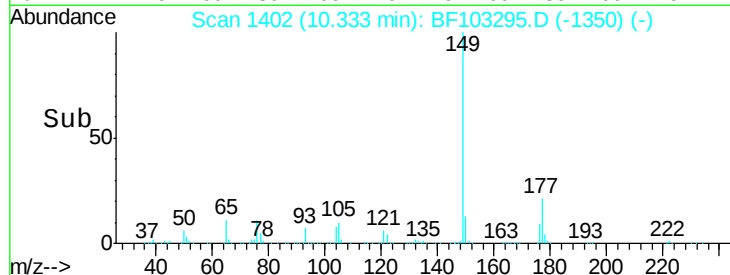
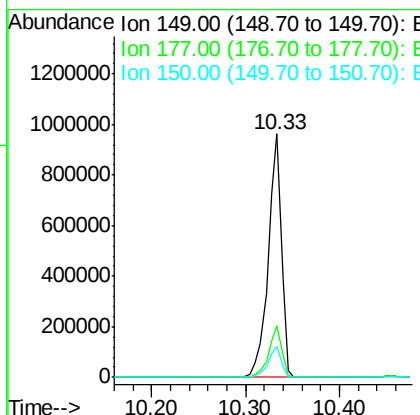
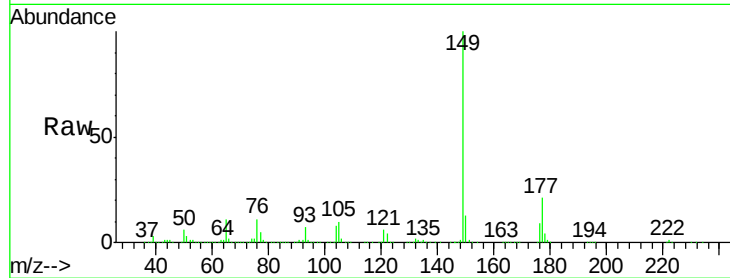
#59  
Diethylphthalate  
Concen: 47.673 ng  
RT: 10.33 min Scan# 1402  
Delta R.T. 0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.1  | 16.1  | 24.1  |
| 150     | 12.6  | 10.1  | 15.1  |

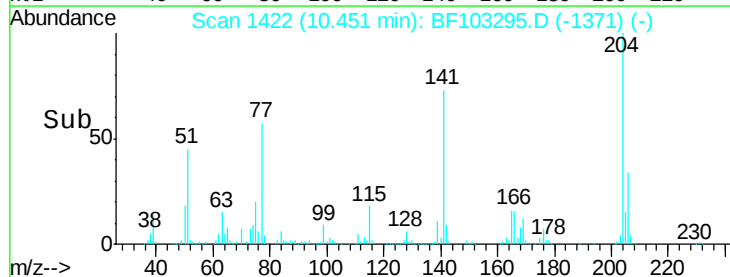
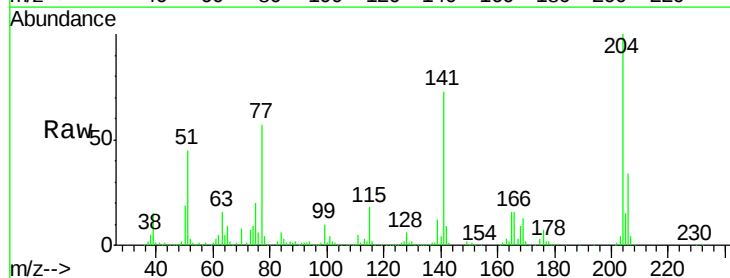
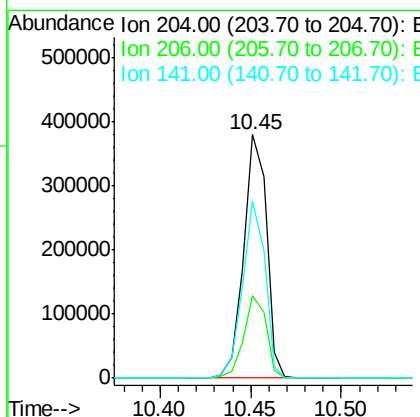
Manual Integrations  
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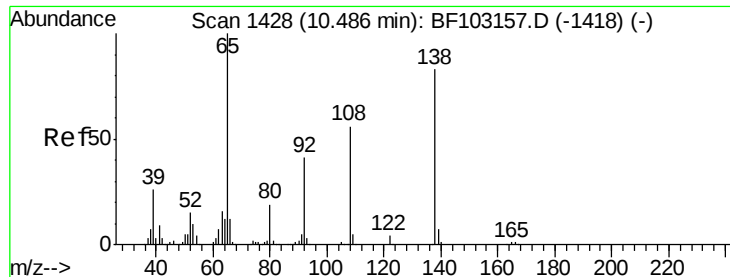
Sohil  
3/1/2018 11:42:59 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 44.268 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 26.5  | 39.7  |
| 141     | 72.5  | 54.6  | 81.8  |





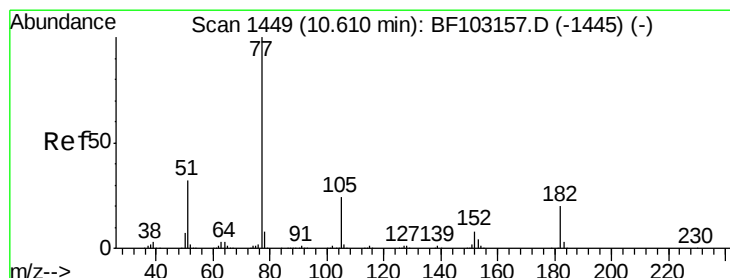
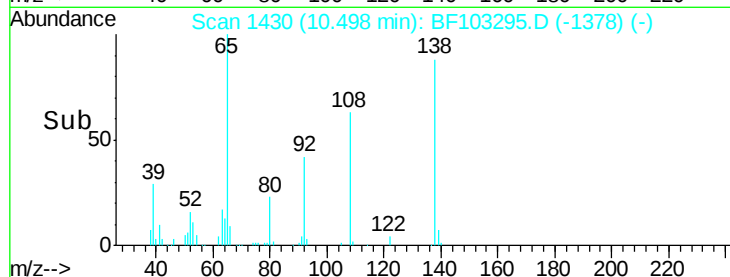
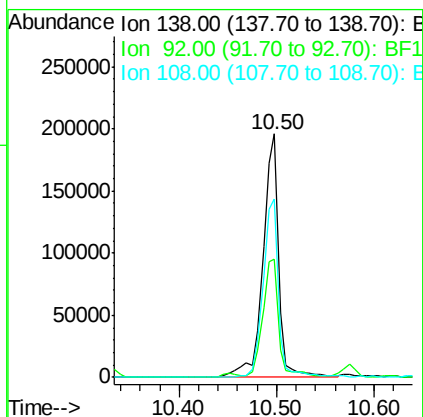
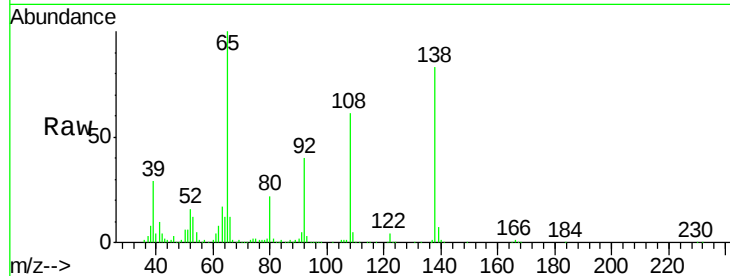
#61  
4-Nitroaniline  
Concen: 41.469 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. 0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampled :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.4  | 30.2  | 70.2  |
| 108     | 73.5  | 52.5  | 92.5  |

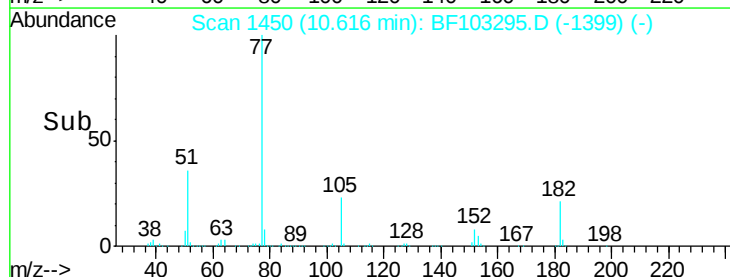
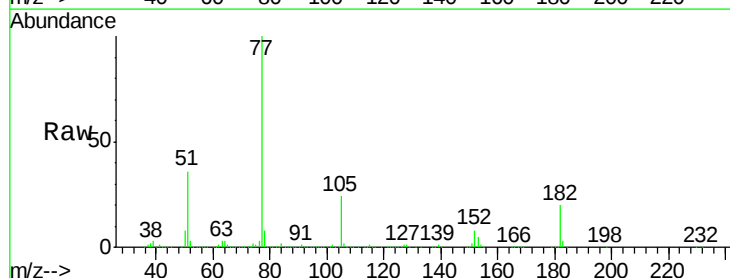
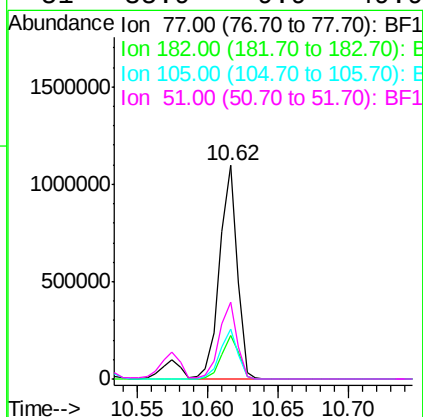
Manual Integrations  
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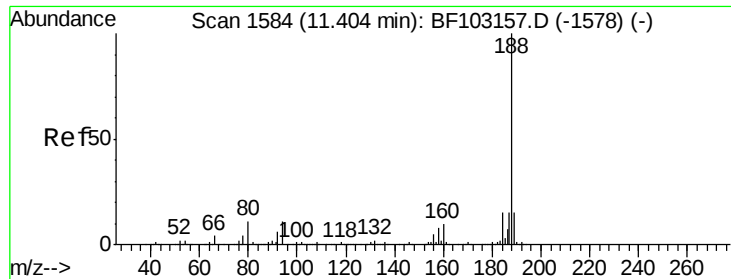
Sohil  
3/1/2018 11:42:59 AM



#62  
Azobenzene  
Concen: 47.469 ng  
RT: 10.62 min Scan# 1450  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 20.5  | 1.7   | 41.7  |
| 105     | 23.7  | 3.0   | 43.0  |
| 51      | 35.9  | 9.9   | 49.9  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

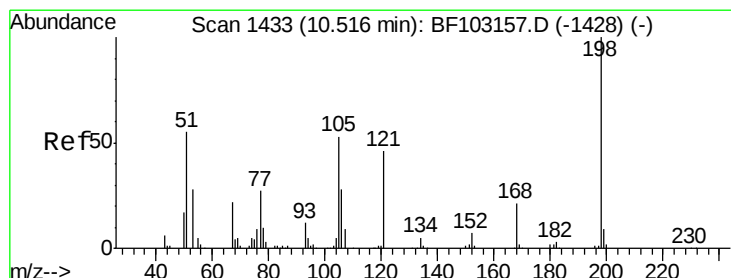
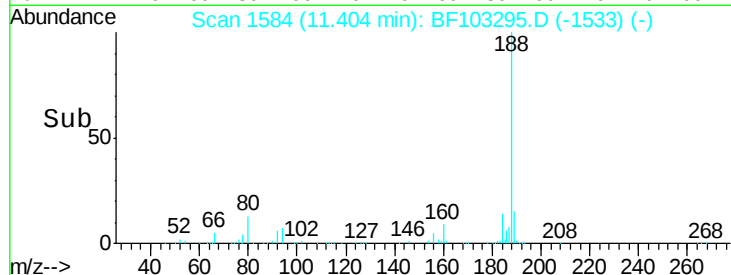
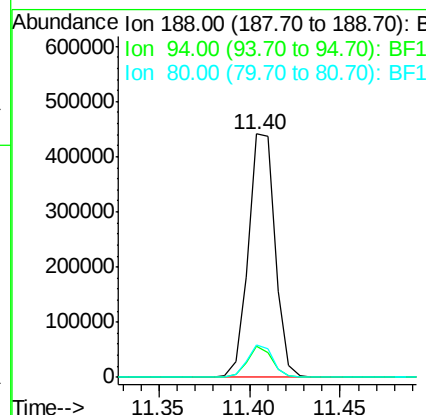
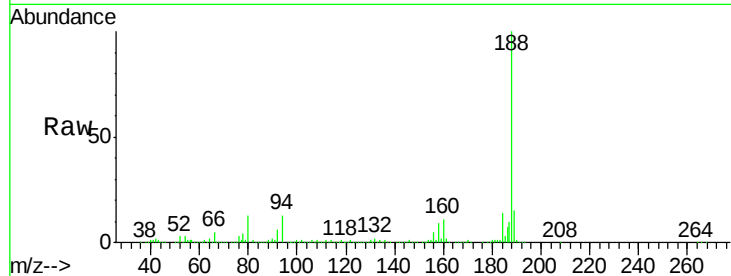
ClientSampleId :

PB106912BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 451039 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 12.7  | 8.5   | 12.7#  |
| 80        | 13.4  | 9.2   | 13.8   |

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.890 ng

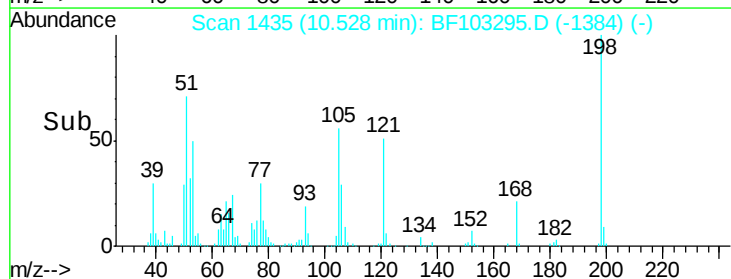
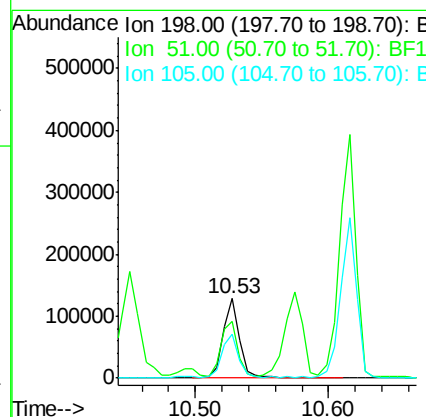
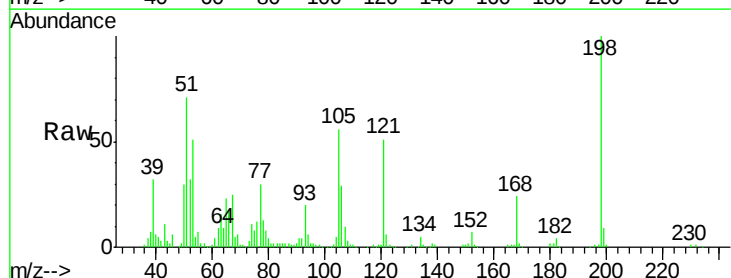
RT: 10.53 min Scan# 1435

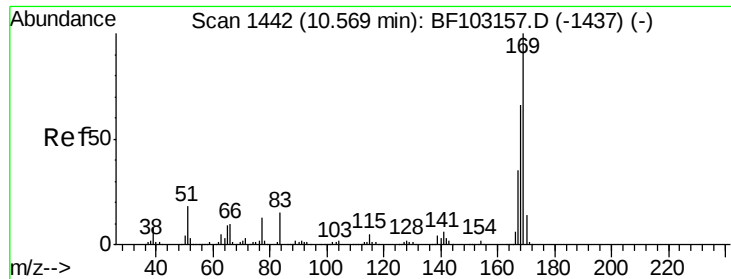
Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 113035 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 71.5  | 37.7  | 77.7   |
| 105       | 55.8  | 36.3  | 76.3   |





#65

n-Nitrosodiphenylamine

Concen: 42.931 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

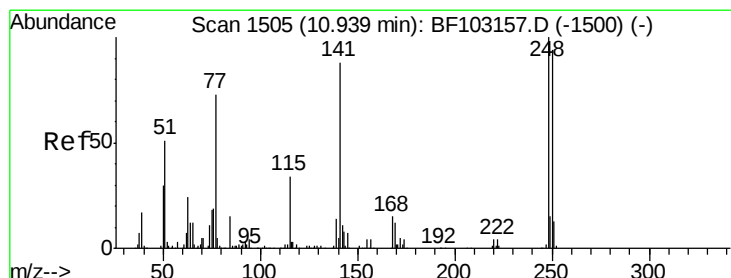
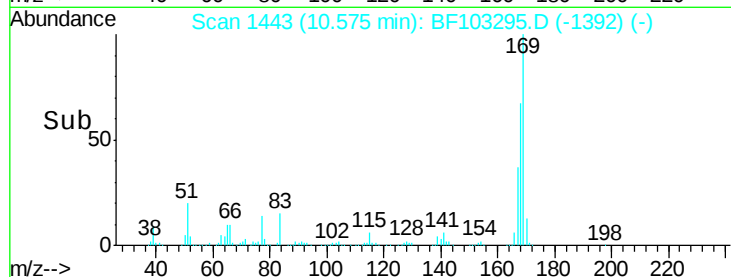
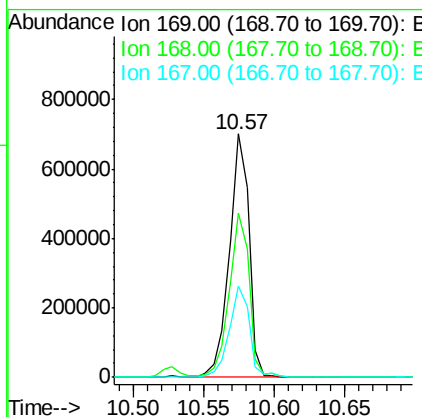
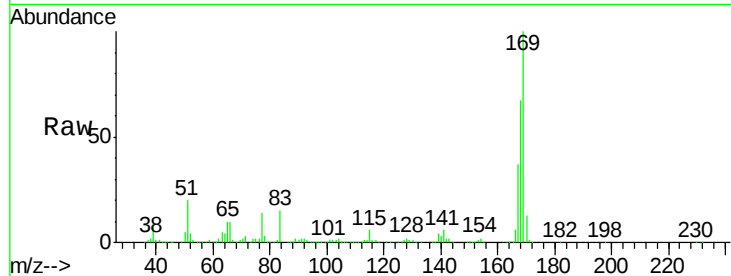
ClientSampleId :

PB106912BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 674206 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.5  | 54.4  | 81.6   |
| 167       | 37.4  | 29.8  | 44.6   |

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#66

4-Bromophenyl-phenylether

Concen: 42.465 ng

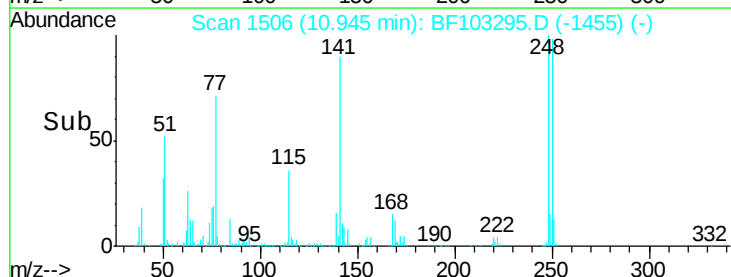
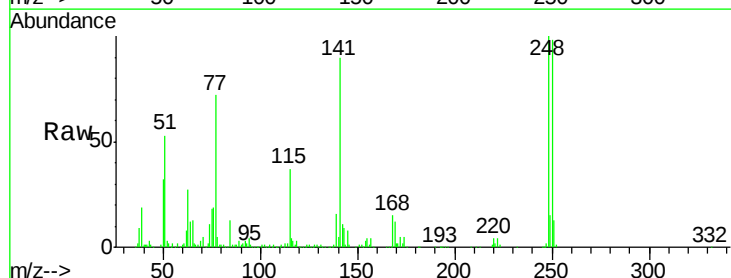
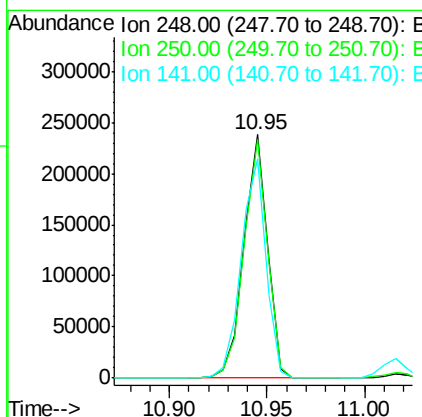
RT: 10.95 min Scan# 1506

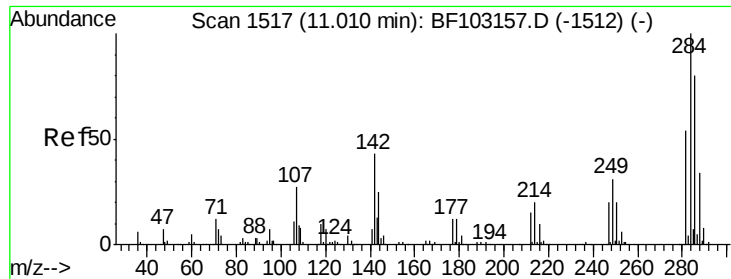
Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 199519 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.8  | 76.9  | 115.3  |
| 141       | 90.0  | 74.4  | 111.6  |





#67

Hexachlorobenzene

Concen: 40.919 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

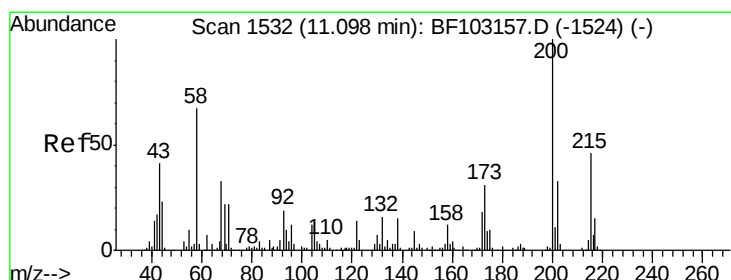
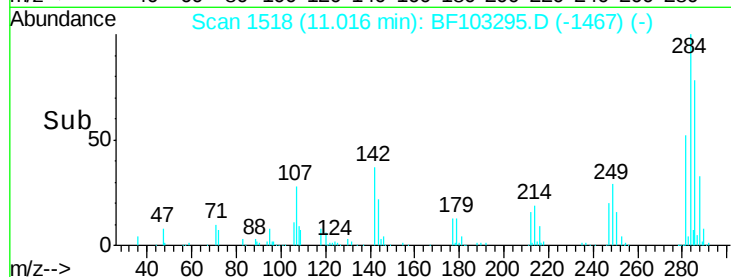
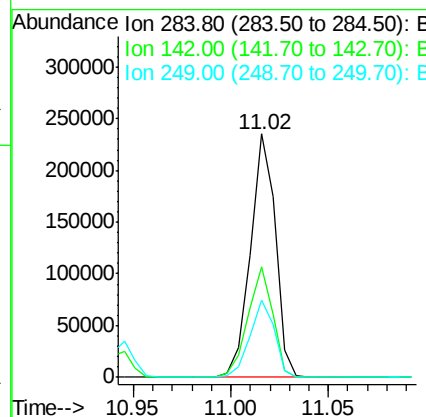
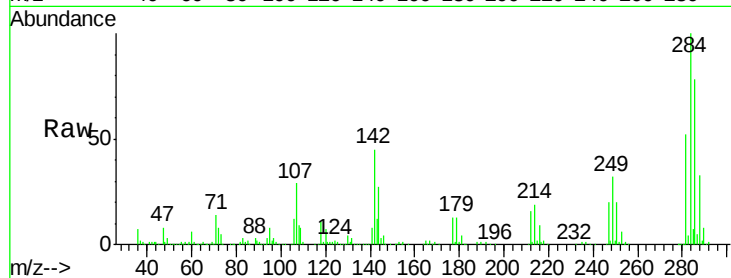
ClientSampleId :

PB106912BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 208678 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 45.3 | 34.6  | 52.0   |
| 249       | 31.8 | 24.8  | 37.2   |

Manual Integrations  
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3/1/2018 11:42:59 AM



#68

Atrazine

Concen: 46.275 ng

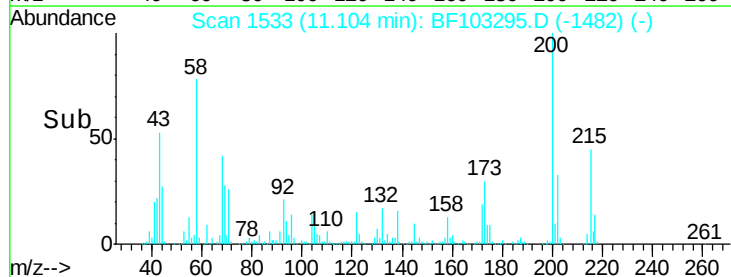
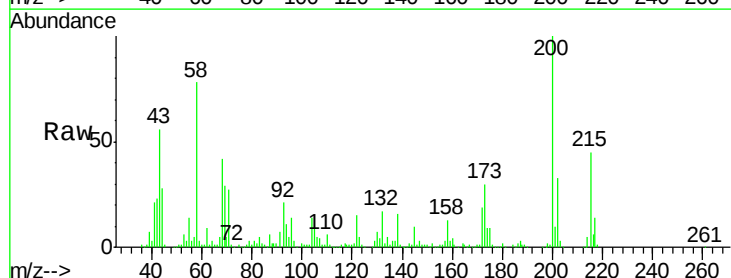
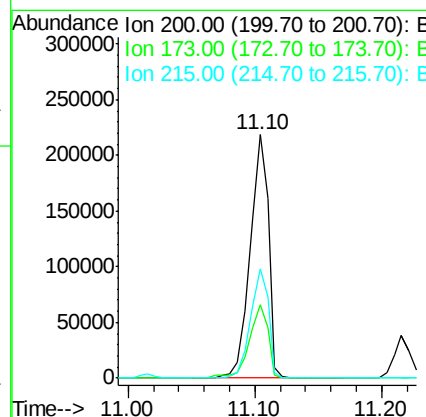
RT: 11.10 min Scan# 1533

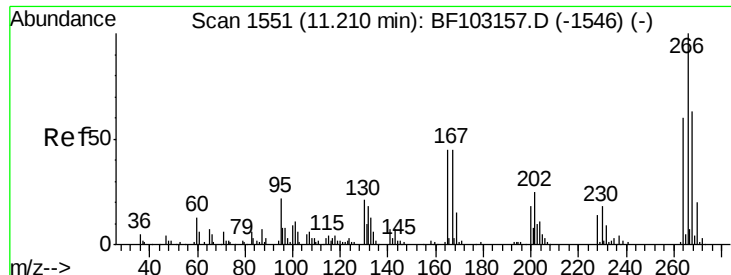
Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 218431 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 30.1 | 8.6   | 48.6   |
| 215       | 44.9 | 25.1  | 65.1   |





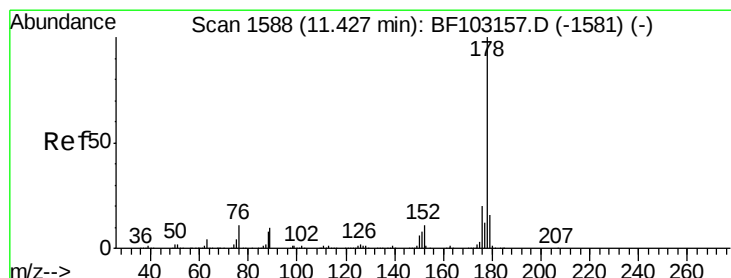
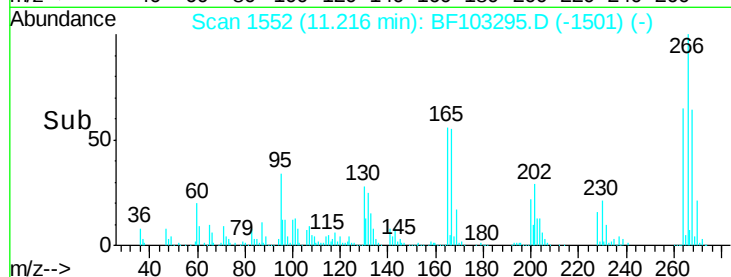
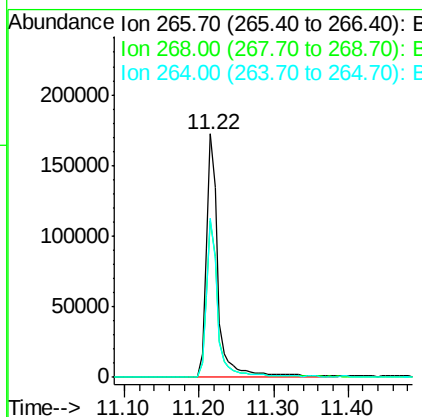
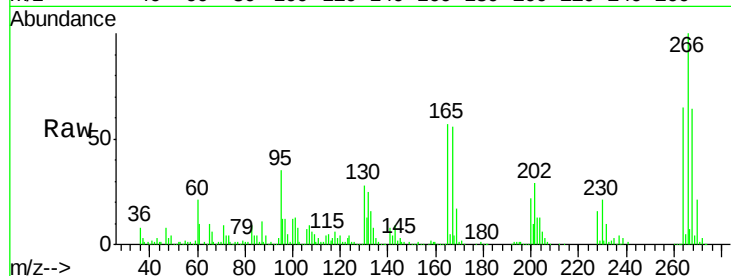
#69  
 Pentachlorophenol  
 Concen: 77.912 ng  
 RT: 11.22 min Scan# 1552  
 Delta R.T. 0.00 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 51.1  | 76.7  |
| 264     | 65.1  | 49.5  | 74.3  |

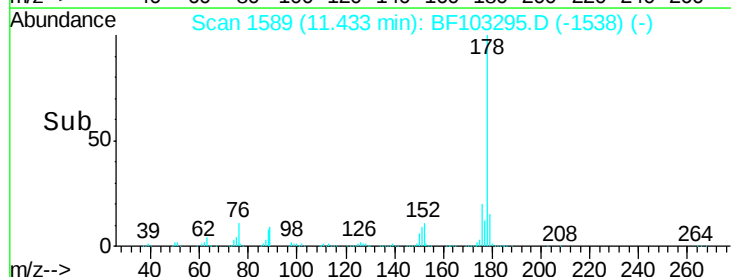
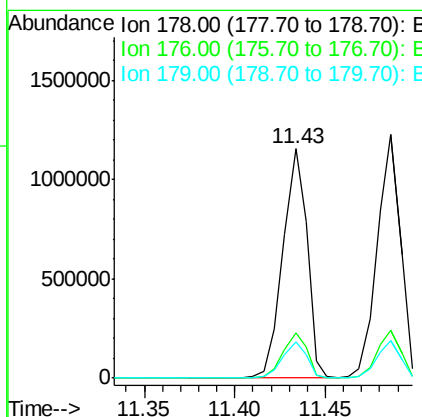
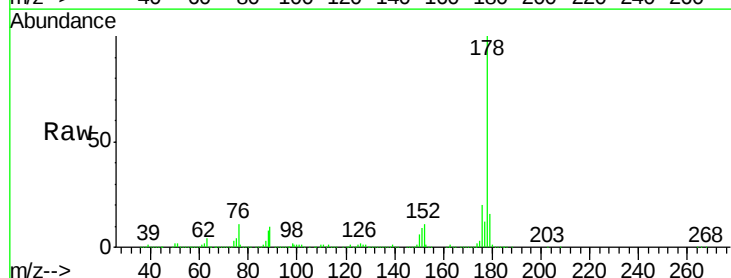
Manual Integrations  
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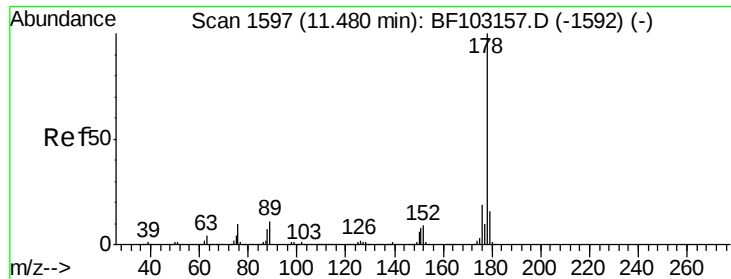
Sohil  
 3/1/2018 11:42:59 AM



#70  
 Phenanthrene  
 Concen: 43.432 ng  
 RT: 11.43 min Scan# 1589  
 Delta R.T. 0.00 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.8  | 23.8  |
| 179     | 15.6  | 13.0  | 19.6  |





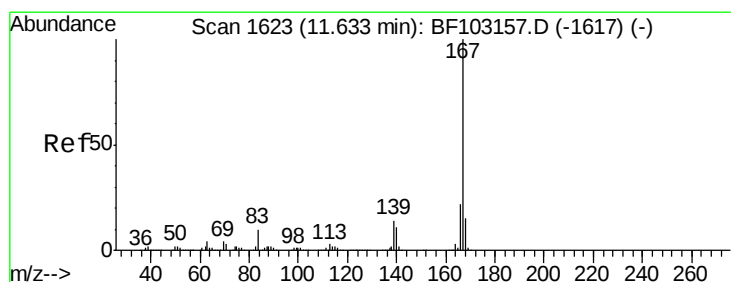
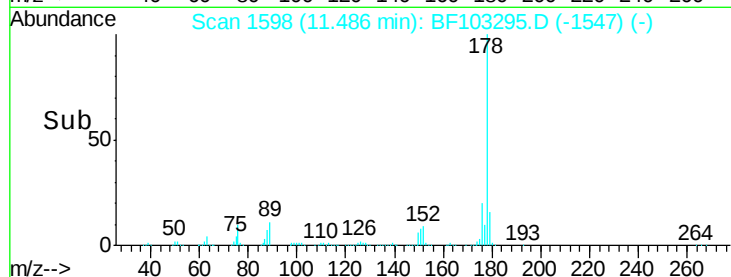
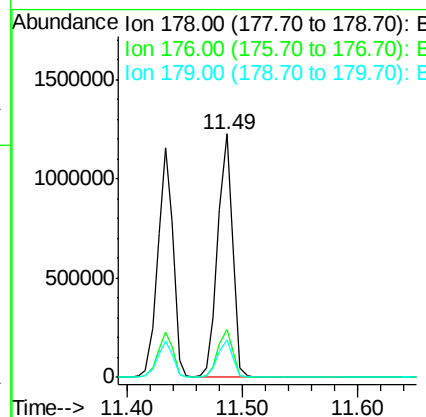
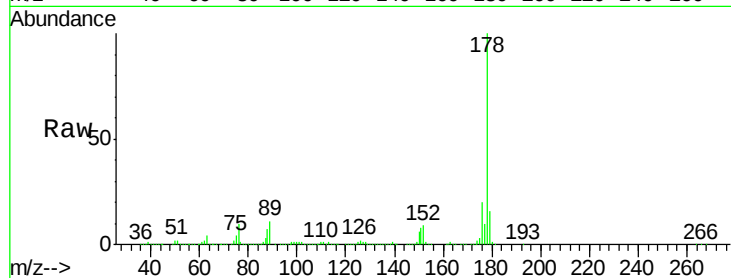
#71  
 Anthracene  
 Concen: 43.255 ng  
 RT: 11.49 min Scan# 1598  
 Delta R.T. 0.00 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB106912BS

Tot Ion:178 Resp: 1100981  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 15.4 23.2  
 179 15.7 12.6 19.0

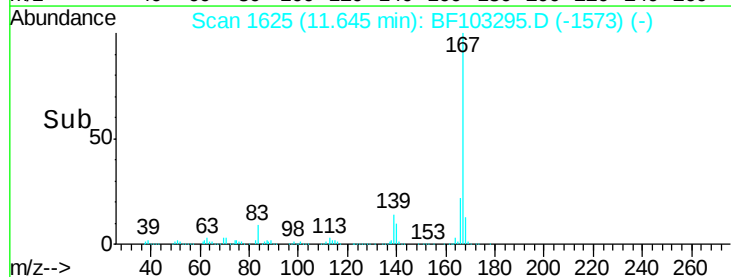
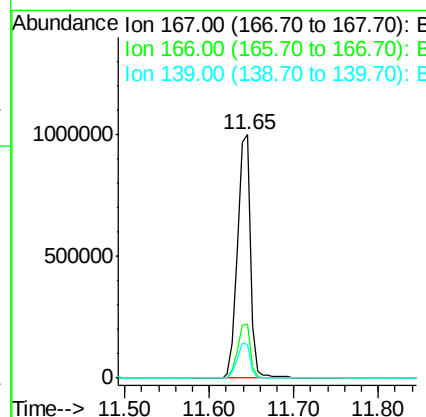
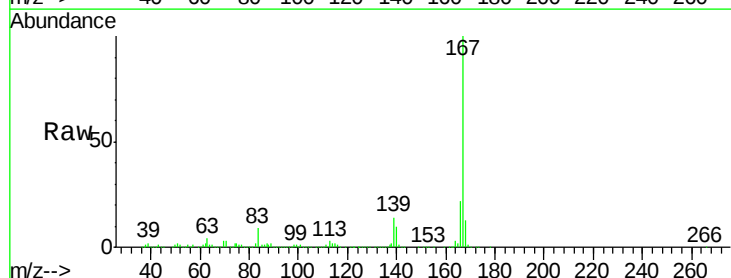
Manual Integrations  
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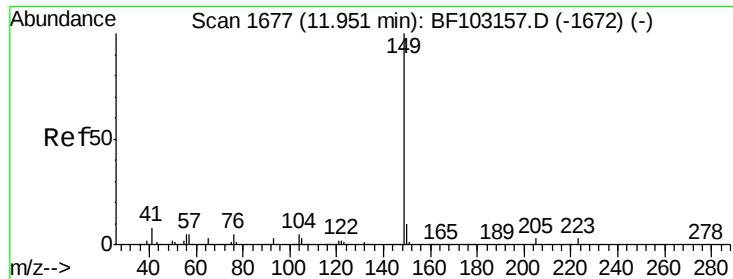
Sohil  
 3/1/2018 11:42:59 AM



#72  
 Carbazole  
 Concen: 41.301 ng  
 RT: 11.65 min Scan# 1625  
 Delta R.T. 0.01 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

Tgt Ion:167 Resp: 1046868  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.6 26.4  
 139 14.1 10.9 16.3





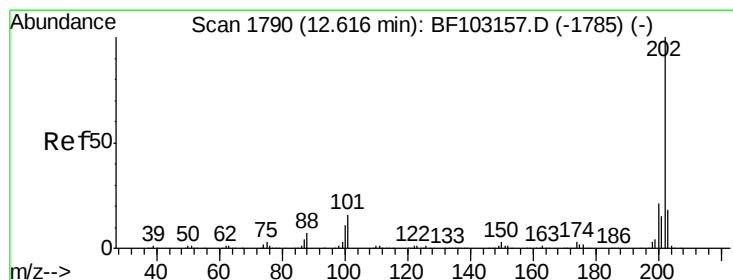
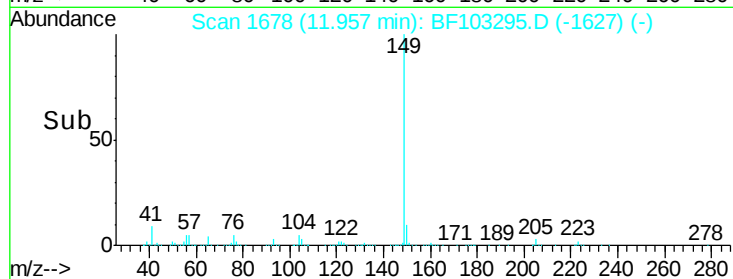
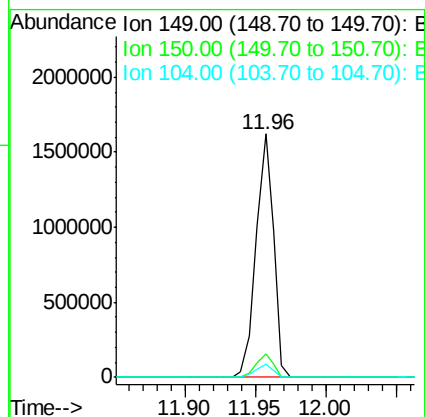
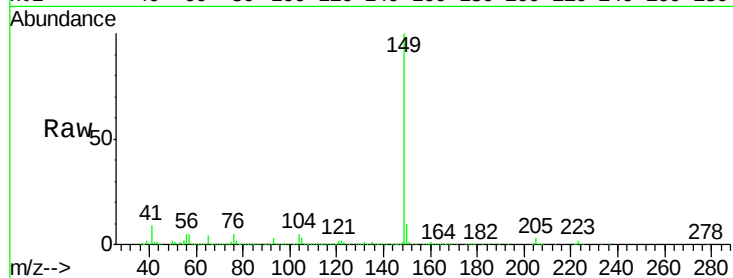
#73  
Di-n-butylphthalate  
Concen: 44.525 ng  
RT: 11.96 min Scan# 1678  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 7.8   | 11.6  |
| 104     | 5.4   | 3.8   | 5.8   |

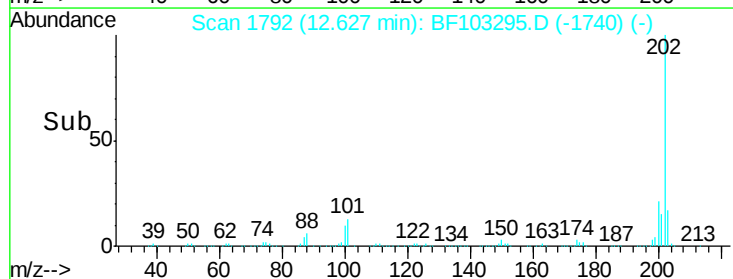
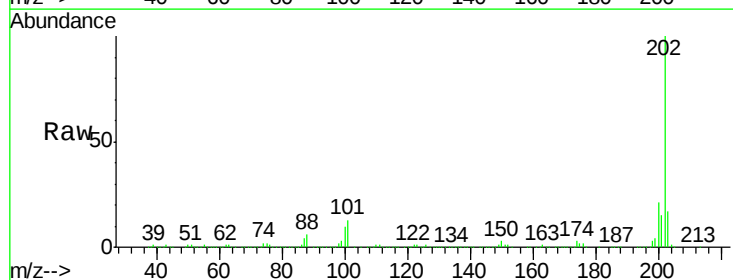
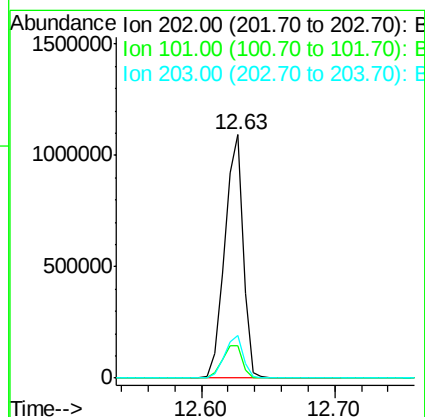
Manual Integrations  
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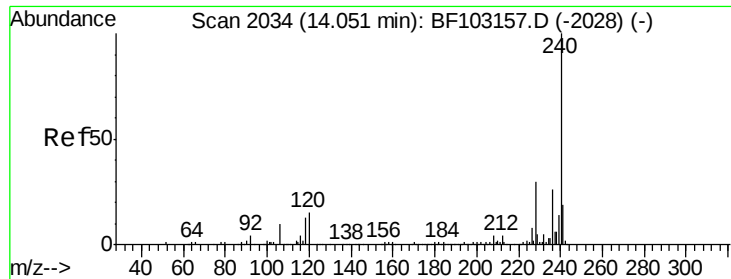
Sohil  
3/1/2018 11:42:59 AM



#74  
Fluoranthene  
Concen: 42.908 ng  
RT: 12.63 min Scan# 1792  
Delta R.T. 0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.3  | 0.0   | 34.1  |
| 203     | 17.3  | 0.0   | 38.1  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

Instrument :

BNA\_F

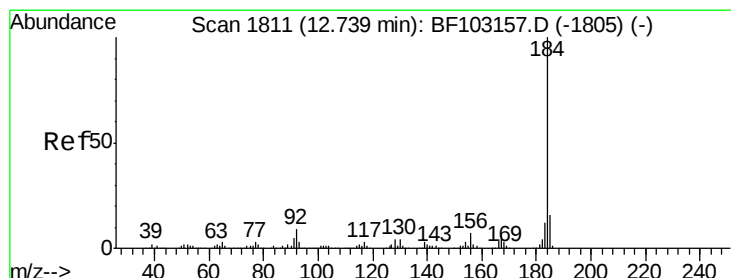
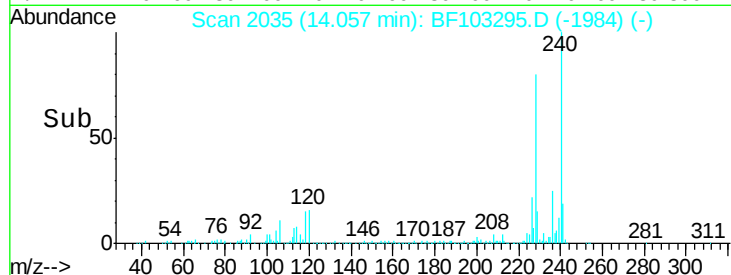
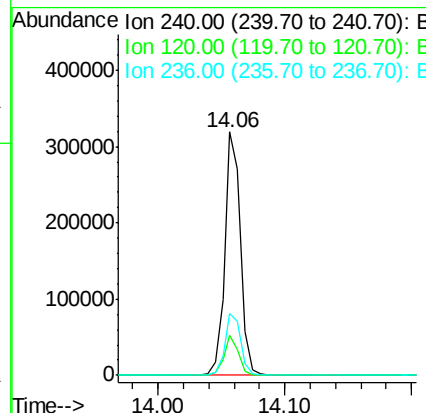
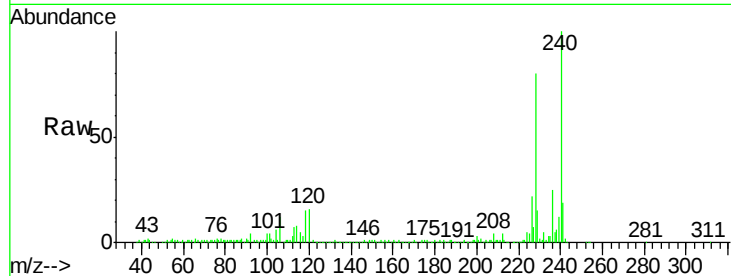
ClientSampleId :

PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 16.5  | 9.5   | 14.3# |
| 236     | 25.3  | 20.7  | 31.1  |

Manual Integrations  
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#76

Benzidine

Concen: 14.222 ng

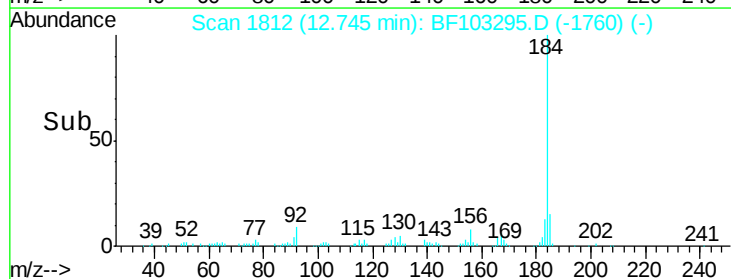
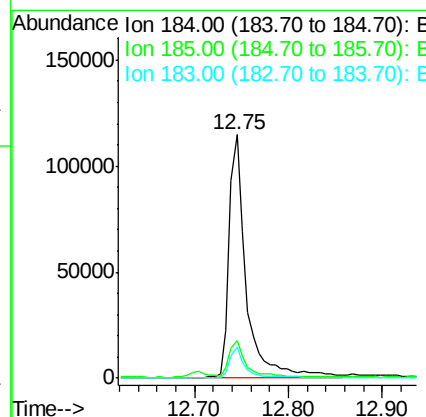
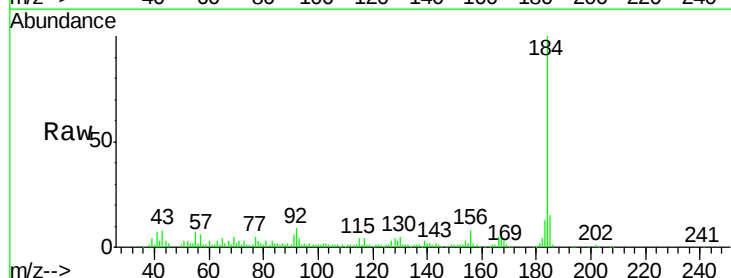
RT: 12.75 min Scan# 1812

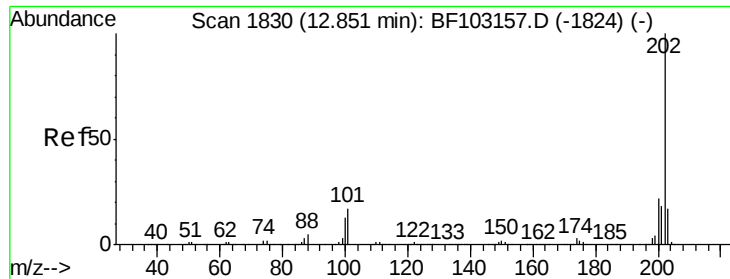
Delta R.T. 0.01 min

Lab File: BF103295.D

Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.3  | 12.6  | 18.8  |
| 183     | 12.7  | 9.3   | 13.9  |





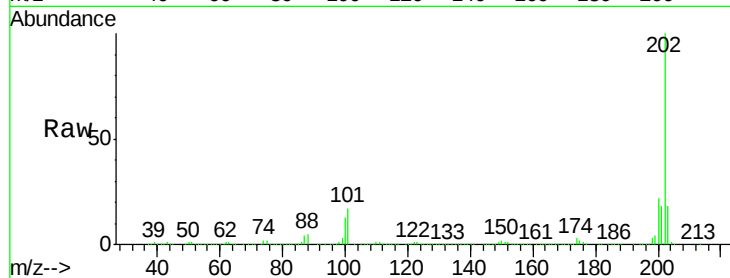
#77  
Pvrene  
Concen: 48.595 ng  
RT: 12.86 min Scan# 1831  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.4  | 17.4  | 26.2  |
| 203     | 17.8  | 14.3  | 21.5  |

Manual Integrations  
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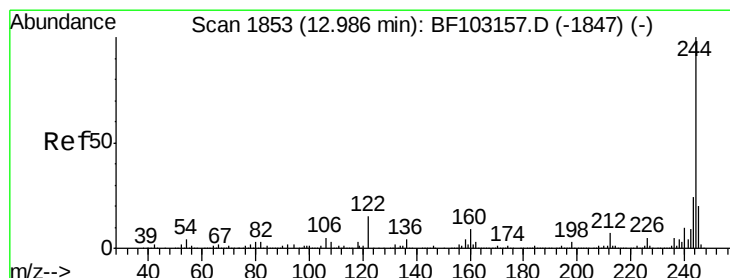
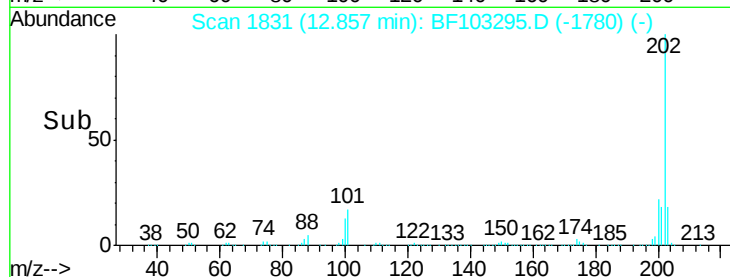
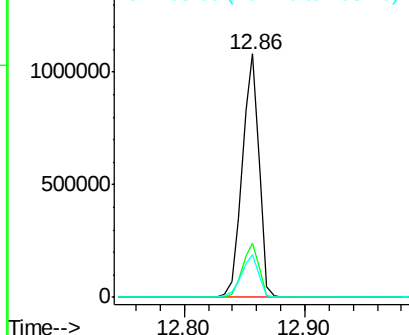


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78  
Terphenyl-d14  
Concen: 96.733 ng  
RT: 12.99 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

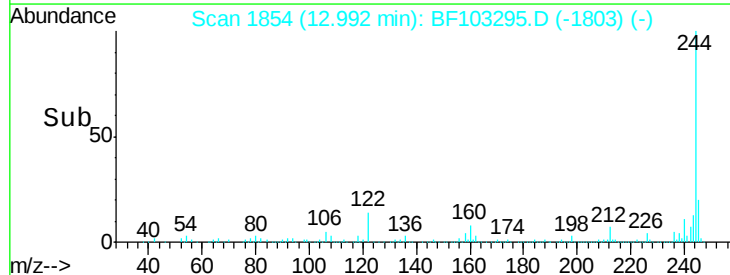
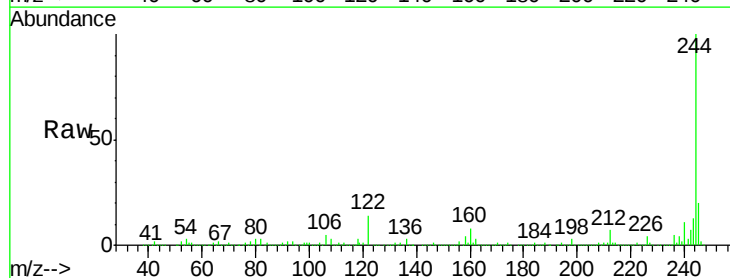
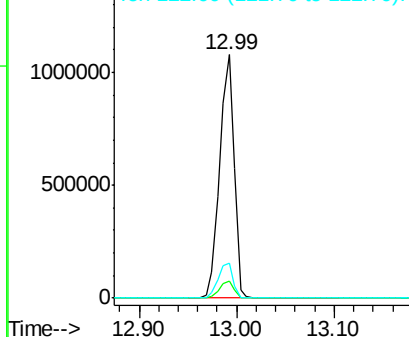
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.4   | 8.0   |
| 122     | 14.4  | 11.0  | 16.4  |

Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





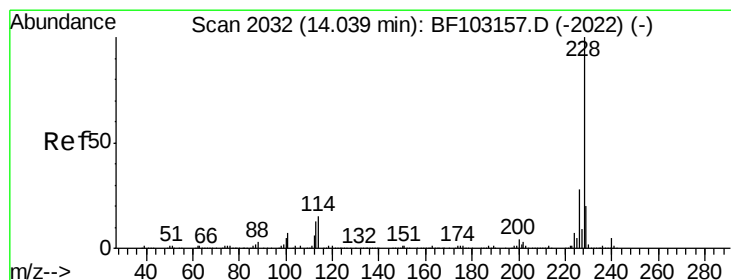
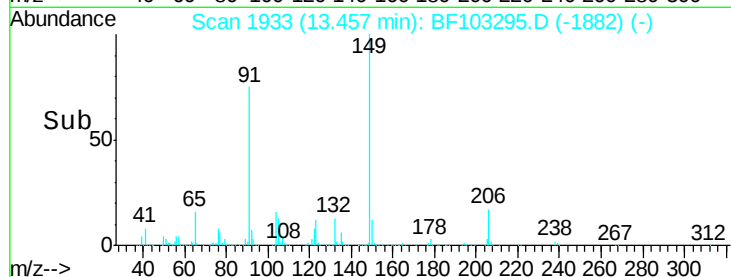
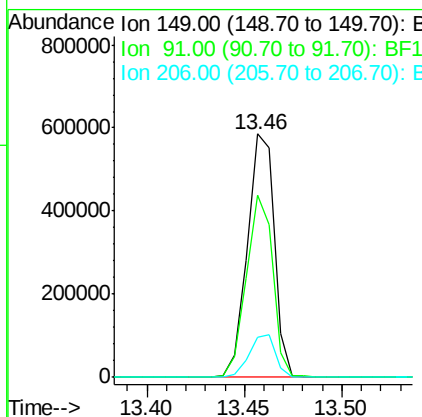
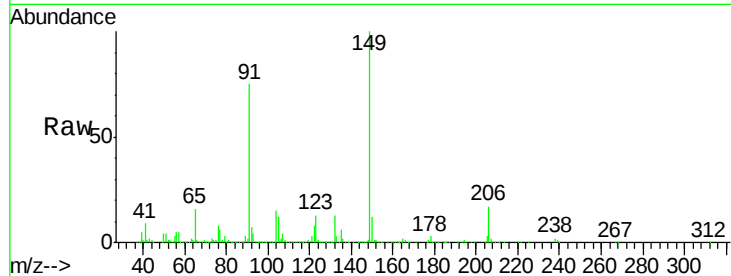
#79  
Butylbenzylphthalate  
Concen: 49.097 ng  
RT: 13.46 min Scan# 1933  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 559759 |       |       |
| 91      | 75.1  | 56.8   | 85.2  |       |
| 206     | 16.6  | 14.1   | 21.1  |       |

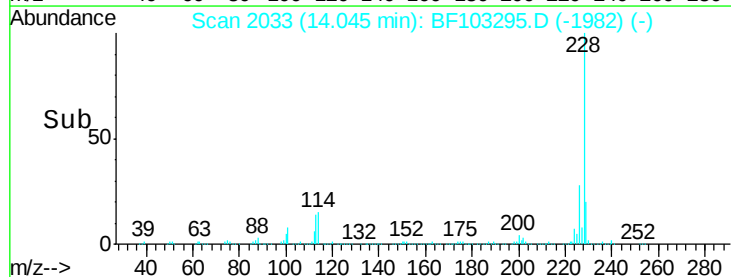
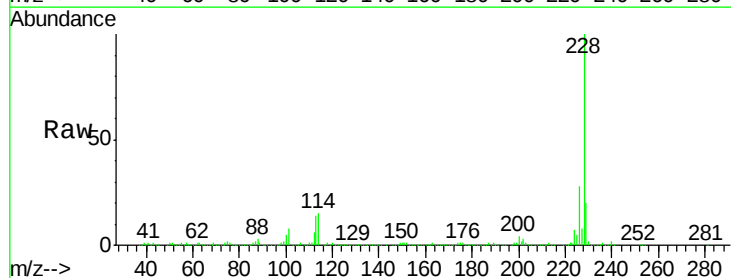
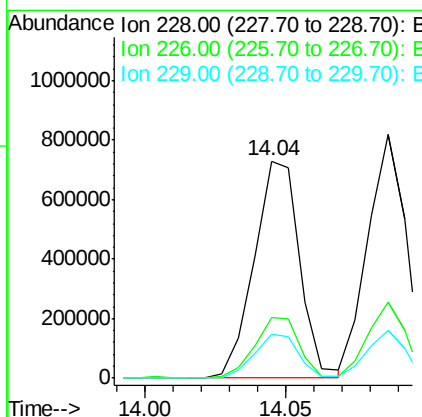
Manual Integrations  
APPROVED

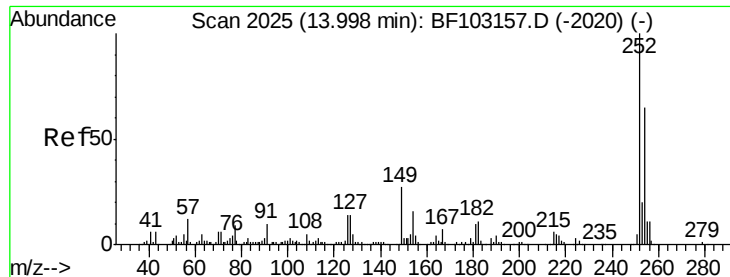
Sohil  
3/1/2018 11:42:59 AM



#80  
Benzo(a)anthracene  
Concen: 45.574 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 818428 |       |       |
| 226     | 27.9  | 22.6   | 33.8  |       |
| 229     | 20.3  | 15.8   | 23.6  |       |





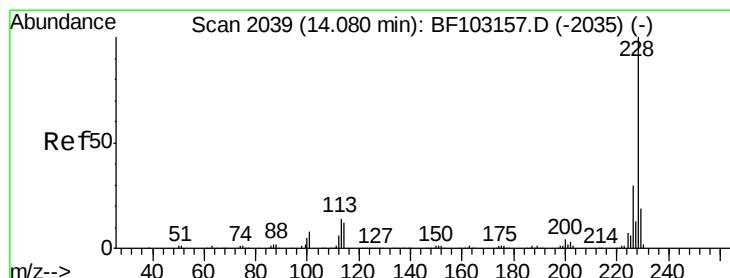
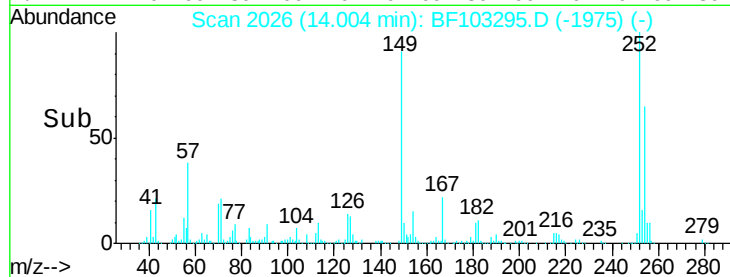
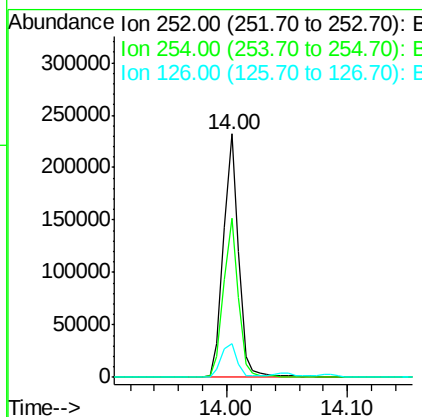
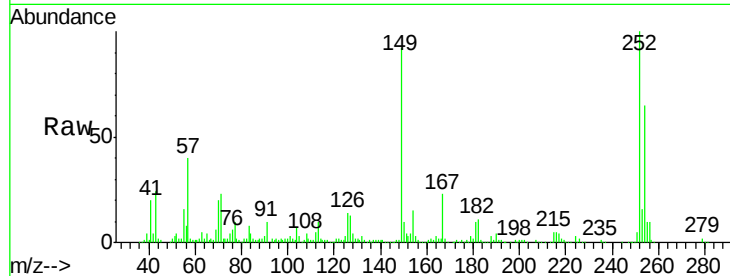
#81  
3,3'-Dichlorobenzidine  
Concen: 31.615 ng  
RT: 14.00 min Scan# 2026  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.5  | 50.4  | 75.6  |
| 126     | 13.8  | 11.3  | 16.9  |

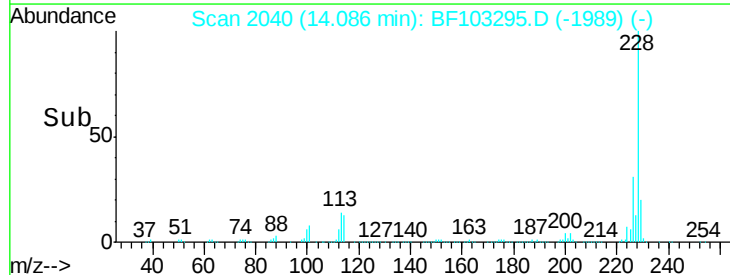
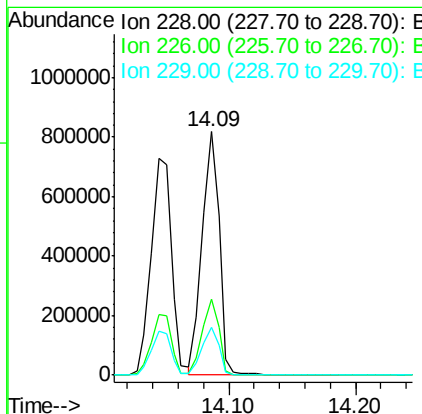
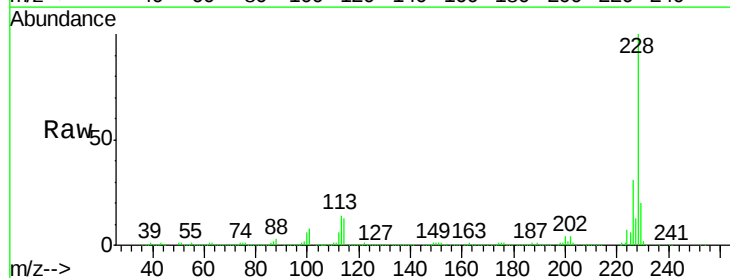
Manual Integrations  
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3/1/2018 11:42:59 AM



#82  
Chrysene  
Concen: 44.202 ng  
RT: 14.09 min Scan# 2040  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.1  | 25.0  | 37.6  |
| 229     | 19.6  | 16.2  | 24.4  |





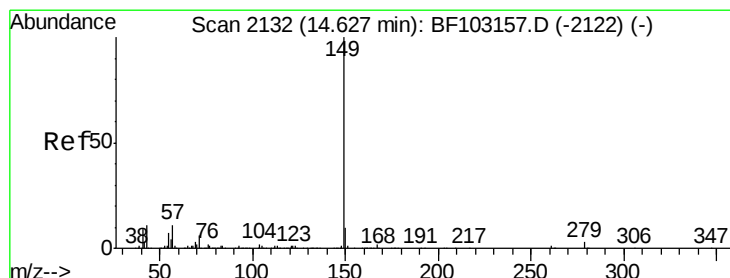
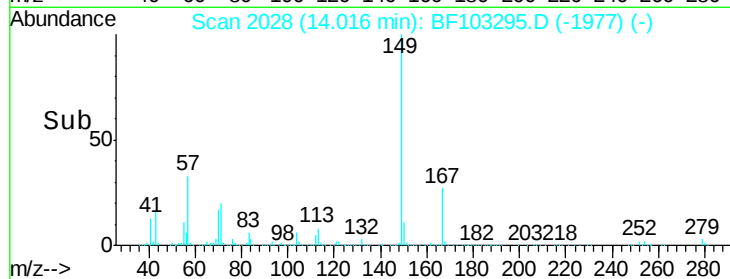
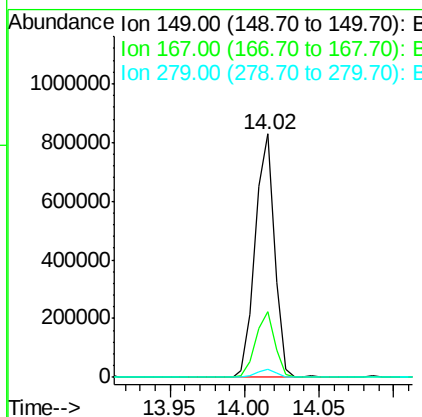
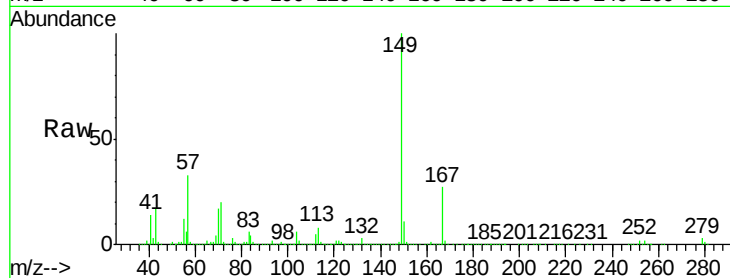
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 47.683 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.0  | 21.3  | 31.9  |
| 279     | 3.1   | 3.0   | 4.4   |

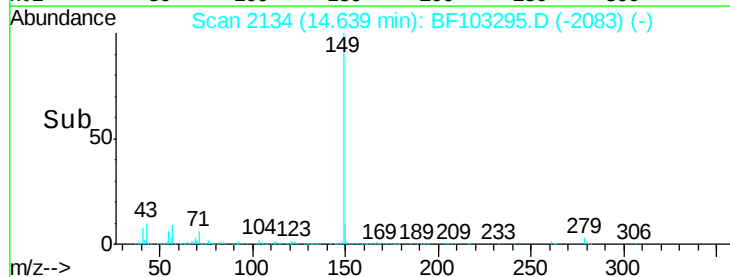
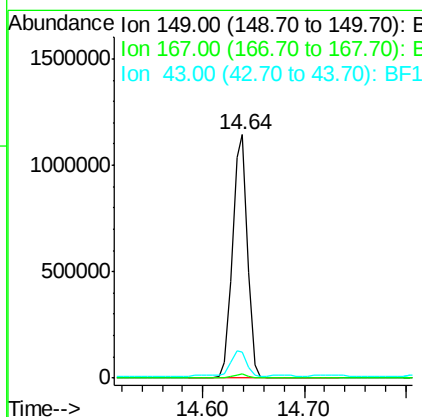
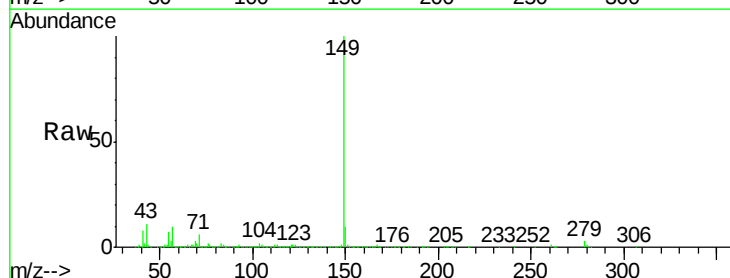
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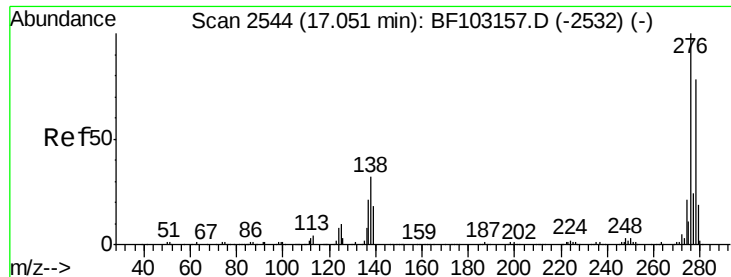
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#84  
Di-n-octyl phthalate  
Concen: 46.724 ng  
RT: 14.64 min Scan# 2134  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 10.5  | 8.4   | 12.6  |





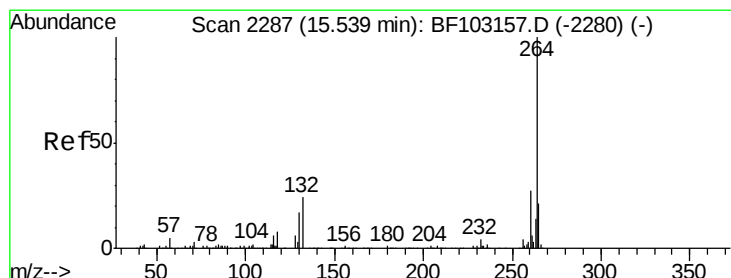
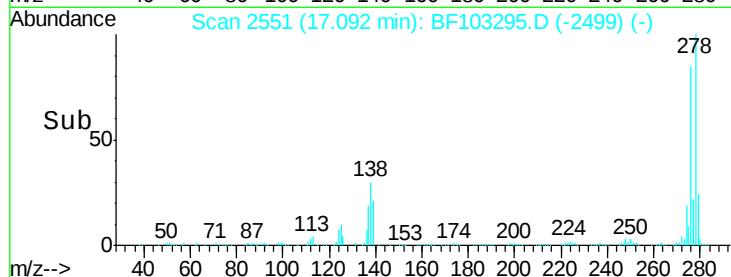
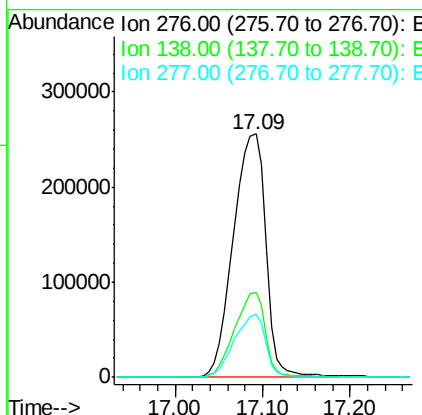
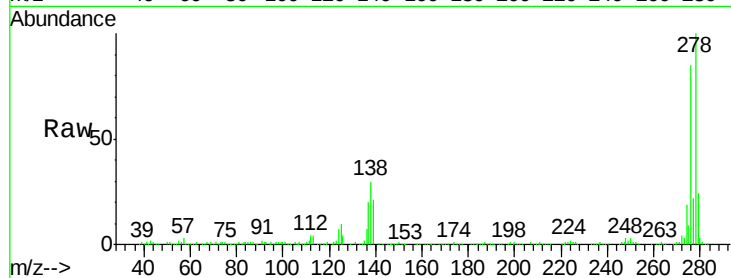
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 46.704 ng  
RT: 17.09 min Scan# 2551  
Delta R.T. 0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.6  | 25.0  | 37.6  |
| 277     | 25.0  | 20.1  | 30.1  |

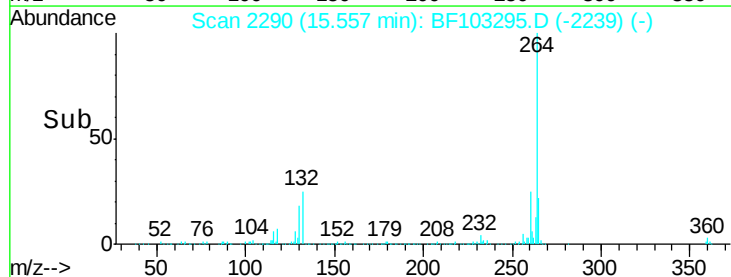
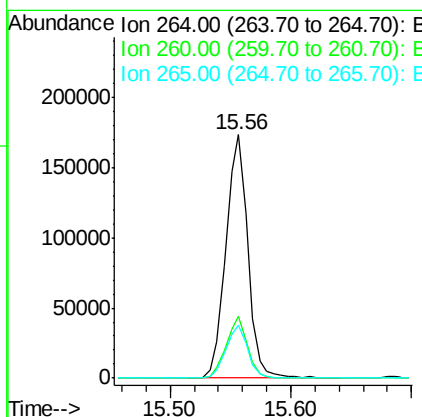
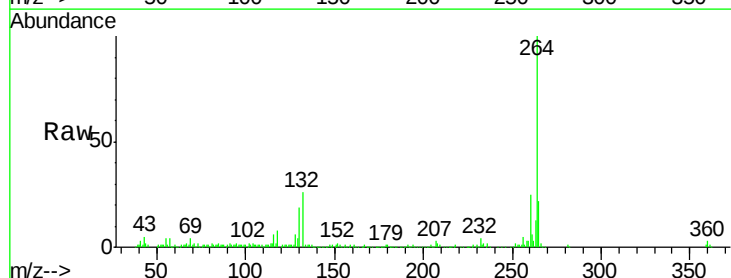
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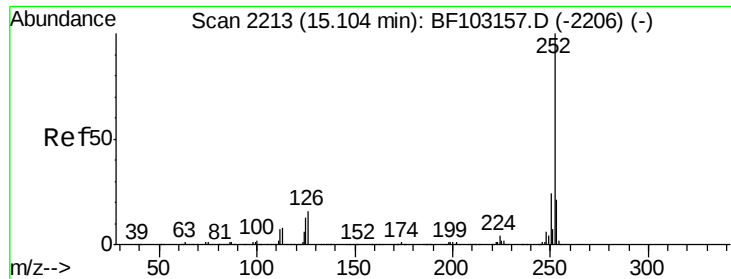
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.56 min Scan# 2290  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.3  | 19.2  | 28.8  |
| 265     | 21.6  | 17.5  | 26.3  |





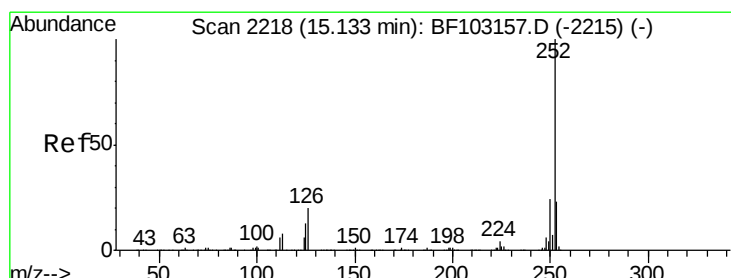
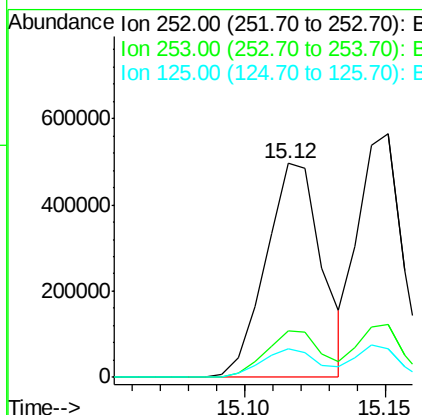
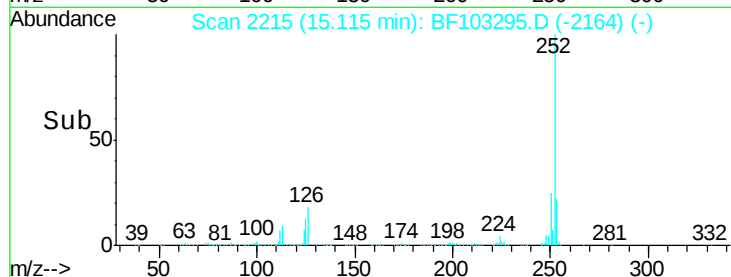
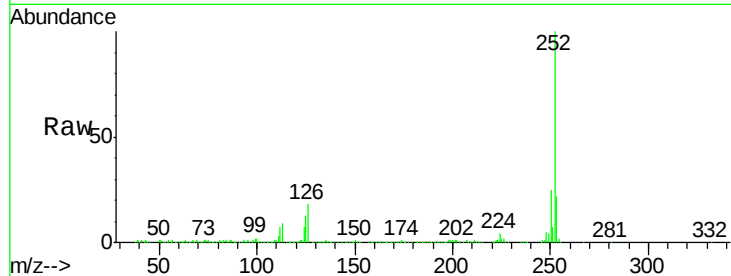
#87  
Benzo(b)fluoranthene  
Concen: 47.558 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.0  | 25.6  |
| 125     | 13.3  | 9.0   | 13.6  |

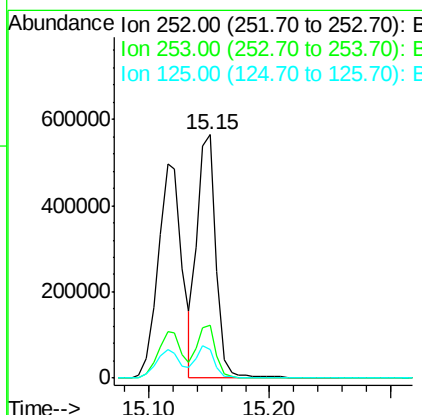
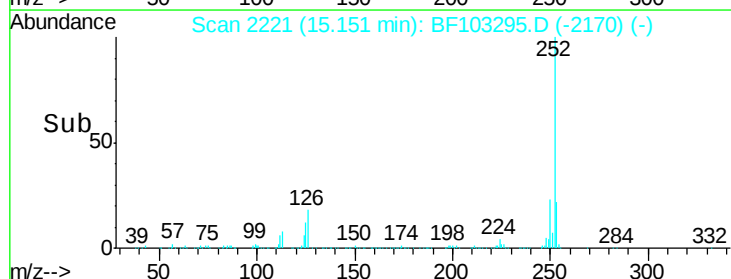
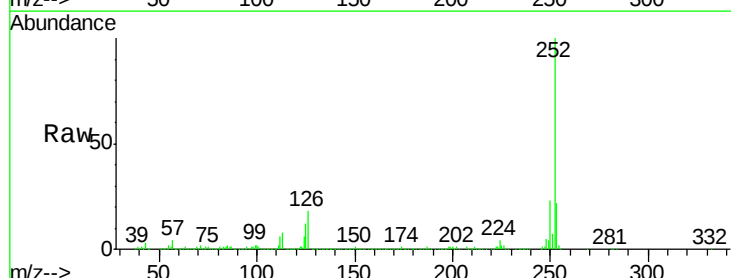
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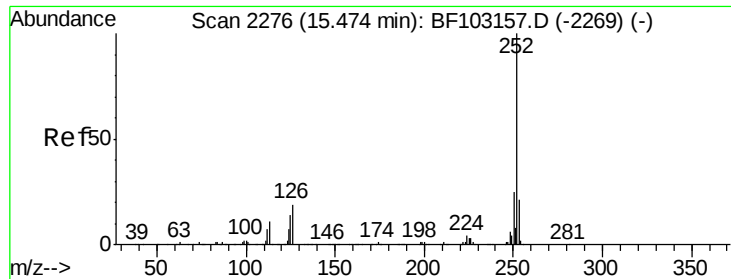
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#88  
Benzo(k)fluoranthene  
Concen: 45.231 ng  
RT: 15.15 min Scan# 2221  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.9  | 26.9  |
| 125     | 11.7  | 10.2  | 15.2  |





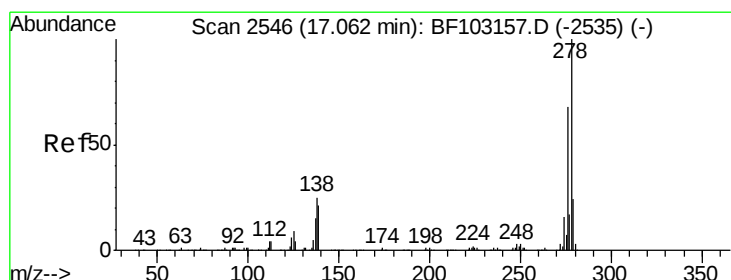
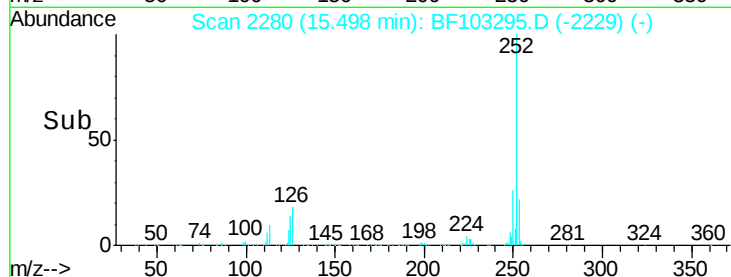
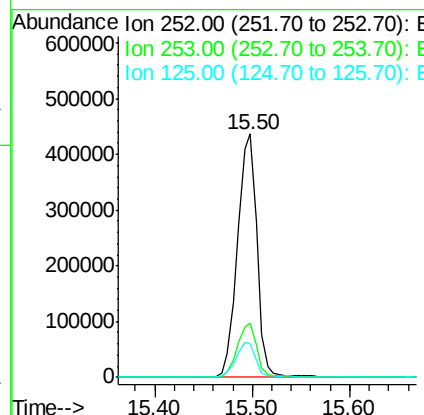
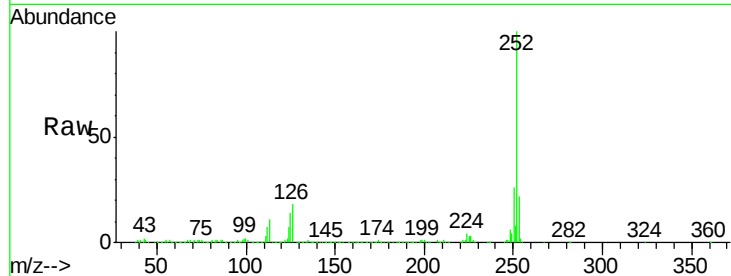
#89  
Benzo(a)pyrene  
Concen: 47.179 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. 0.00 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.1  | 25.7  |
| 125     | 13.8  | 9.8   | 14.6  |

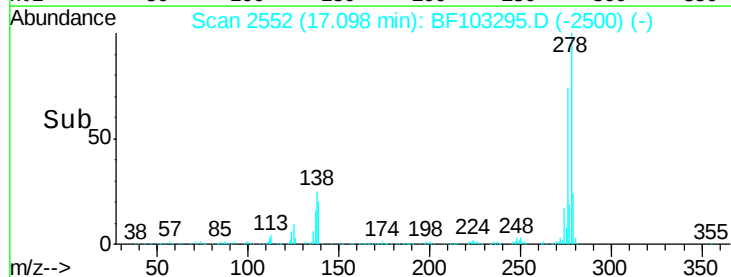
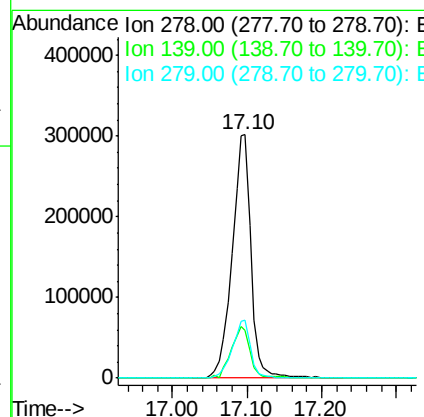
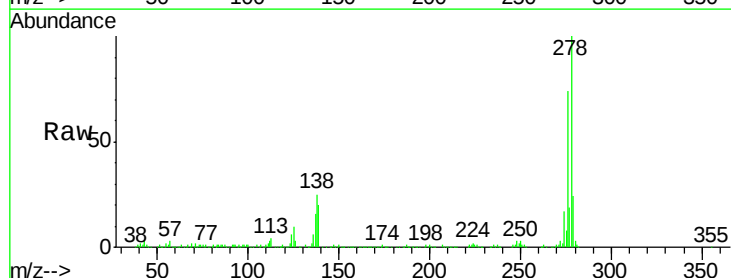
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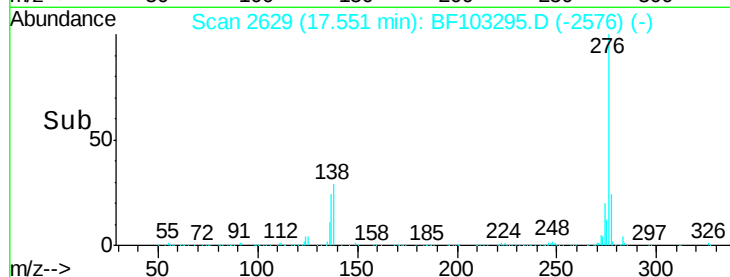
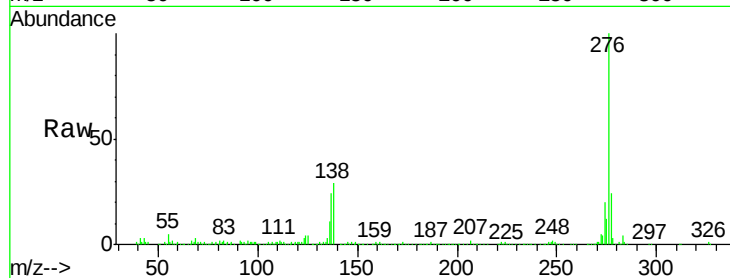
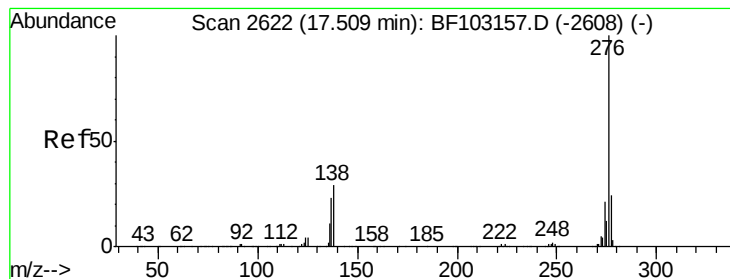
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#90  
Dibenzo(a,h)anthracene  
Concen: 53.936 ng  
RT: 17.10 min Scan# 2552  
Delta R.T. 0.01 min  
Lab File: BF103295.D  
Acq: 28 Feb 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.8  | 15.9  | 23.9  |
| 279     | 23.7  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 58.045 ng  
 RT: 17.55 min Scan# 2629  
 Delta R.T. 0.01 min  
 Lab File: BF103295.D  
 Acq: 28 Feb 2018 16:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB106912BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 17.9  | 26.9  |
| 138     | 28.8  | 21.8  | 32.8  |

Manual Integrations  
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