

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\  
 Data File : BF107397.D  
 Acq On : 14 Jul 2018 5:47  
 Operator : JU/SJ  
 Sample : PB111110BS  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB111110BS

Manual Integrations  
 APPROVED

Sohil  
 7/16/2018 3:22:47 PM

Quant Time: Jul 14 06:53:08 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 13 11:54:53 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.92  | 152  | 45753    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.21  | 136  | 153576   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.98  | 164  | 69907    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.47 | 188  | 148019   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.13 | 240  | 131253   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.67 | 264  | 97171    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.57  | 112 | 272079 | 100.70 | ng | 0.00 |
| 7) Phenol-d6             | 6.58  | 99  | 305630 | 90.58  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.50  | 82  | 281045 | 101.70 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.78 | 330 | 84691  | 104.53 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.29  | 172 | 476904 | 121.87 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.06 | 244 | 625332 | 115.41 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.82 | 88  | 55146  | 39.698 | ng | 97     |
| 3) Pyridine                    | 3.60 | 79  | 153340 | 40.702 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.57 | 42  | 64011  | 40.004 | ng | 87     |
| 6) Aniline                     | 6.60 | 93  | 96170  | 21.011 | ng | # 66   |
| 8) 2-Chlorophenol              | 6.72 | 128 | 127961 | 43.178 | ng | 96     |
| 9) Benzaldehyde                | 6.48 | 77  | 78928  | 32.776 | ng | 98     |
| 10) Phenol                     | 6.59 | 94  | 156124 | 40.543 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 6.66 | 93  | 132468 | 41.669 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.87 | 146 | 155006 | 44.657 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.94 | 146 | 154084 | 43.909 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.10 | 146 | 143483 | 44.615 | ng | 97     |
| 15) Benzyl Alcohol             | 7.08 | 79  | 98951  | 36.522 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.20 | 45  | 181841 | 43.596 | ng | # 27   |
| 17) 2-Methylphenol             | 7.20 | 107 | 105184 | 41.474 | ng | # 88   |
| 18) Hexachloroethane           | 7.43 | 117 | 42869  | 34.739 | ng | # 87   |
| 19) n-Nitroso-di-n-propylamine | 7.34 | 70  | 89503  | 40.241 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.35 | 107 | 136323 | 52.075 | ng | 95     |
| 22) Acetophenone               | 7.34 | 105 | 176697 | 51.427 | ng | # 96   |
| 24) Nitrobenzene               | 7.52 | 77  | 130021 | 46.084 | ng | 98     |
| 25) Isophorone                 | 7.75 | 82  | 237218 | 48.714 | ng | 96     |
| 26) 2-Nitrophenol              | 7.83 | 139 | 53450  | 40.131 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 108251 | 52.584 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93  | 152744 | 46.716 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.08 | 162 | 101160 | 46.936 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 8.15 | 180 | 118418 | 49.875 | ng | 97     |
| 31) Naphthalene                | 8.23 | 128 | 344150 | 47.931 | ng | 98     |
| 32) Benzoic acid               | 8.00 | 122 | 35345m | 26.517 | ng |        |
| 33) 4-Chloroaniline            | 8.29 | 127 | 51670  | 17.150 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.34 | 225 | 81519  | 52.692 | ng | 99     |
| 35) Caprolactam                | 8.67 | 113 | 29929  | 42.600 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107 | 99778  | 43.983 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.93 | 142 | 239086 | 50.237 | ng | 93     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 123250 | 52.352 | ng | # 96   |
| 42) 2,4,6-Trichlorophenol      | 9.22 | 196 | 66774  | 42.670 | ng | 93     |

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 Sample : PB111110BS  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB111110BS

Manual Integrations  
 APPROVED

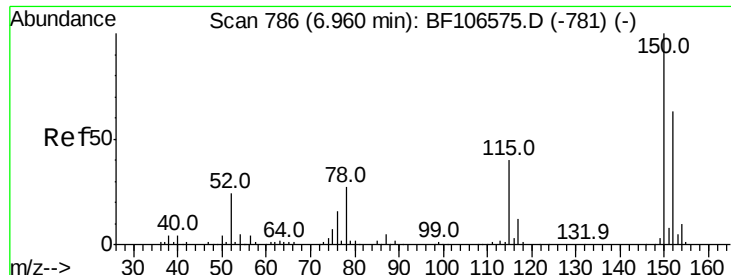
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 7/16/2018 3:22:47 PM

Quant Time: Jul 14 06:53:08 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 43) 2,4,5-Trichlorophenol      | 9.27  | 196  | 64903m   | 39.746 | nq    |          |
| 45) 1,1'-Biphenyl              | 9.39  | 154  | 279930   | 50.245 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.42  | 162  | 201718   | 45.998 | nq    | 94       |
| 47) 2-Nitroaniline             | 9.53  | 65   | 66914    | 45.376 | nq    | 98       |
| 48) Acenaphthylene             | 9.84  | 152  | 311956   | 45.057 | nq    | 99       |
| 49) Dimethylphthalate          | 9.69  | 163  | 230636   | 43.988 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.77  | 165  | 48246    | 43.455 | nq    | 90       |
| 51) Acenaphthene               | 10.01 | 154  | 190449   | 43.682 | nq    | 97       |
| 52) 3-Nitroaniline             | 9.94  | 138  | 51687    | 40.456 | nq    | 100      |
| 53) 2,4-Dinitrophenol          | 10.09 | 184  | 1753     | 8.187  | nq    | # 20     |
| 54) Dibenzofuran               | 10.18 | 168  | 288616   | 48.344 | nq    | 96       |
| 55) 4-Nitrophenol              | 10.13 | 139  | 35801    | 40.145 | nq    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.18 | 165  | 57737    | 39.841 | nq    | # 90     |
| 57) Fluorene                   | 10.53 | 166  | 231895   | 48.950 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.31 | 232  | 60340    | 46.485 | nq    | # 76     |
| 59) Diethylphthalate           | 10.39 | 149  | 221786   | 43.827 | nq    | # 93     |
| 60) 4-Chlorophenyl-phenylether | 10.51 | 204  | 121023   | 48.824 | nq    | # 83     |
| 61) 4-Nitroaniline             | 10.57 | 138  | 58328    | 46.002 | nq    | 90       |
| 62) Azobenzene                 | 10.68 | 77   | 212218   | 42.586 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 3848     | 4.206  | nq    | 84       |
| 65) n-Nitrosodiphenylamine     | 10.64 | 169  | 196448   | 39.458 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.01 | 248  | 79854    | 45.204 | nq    | # 76     |
| 67) Hexachlorobenzene          | 11.08 | 284  | 86674    | 46.878 | nq    | # 87     |
| 68) Atrazine                   | 11.16 | 200  | 67931    | 42.920 | nq    | 96       |
| 69) Pentachlorophenol          | 11.29 | 266  | 27706m   | 30.032 | nq    |          |
| 70) Phenanthrene               | 11.50 | 178  | 352280   | 49.344 | nq    | 99       |
| 71) Anthracene                 | 11.55 | 178  | 364788   | 50.060 | nq    | 99       |
| 72) Carbazole                  | 11.71 | 167  | 332873   | 48.791 | nq    | 98       |
| 73) Di-n-butylphthalate        | 12.01 | 149  | 366194   | 45.561 | nq    | 99       |
| 74) Fluoranthene               | 12.70 | 202  | 419944   | 53.368 | nq    | 96       |
| 76) Benzidine                  | 12.82 | 184  | 217597   | 58.211 | nq    | 98       |
| 77) Pyrene                     | 12.93 | 202  | 425391   | 49.148 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.52 | 149  | 166670   | 46.836 | nq    | # 92     |
| 80) Benzo(a)anthracene         | 14.12 | 228  | 385165   | 48.149 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 123597   | 43.961 | nq    | # 97     |
| 82) Chrysene                   | 14.16 | 228  | 353219   | 47.995 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.07 | 149  | 222681   | 48.946 | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 14.69 | 149  | 389042   | 52.460 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.26 | 276  | 270589   | 43.326 | nq    | # 90     |
| 87) Benzo(b)fluoranthene       | 15.21 | 252  | 302675   | 50.143 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 15.24 | 252  | 272028   | 47.324 | nq    | # 96     |
| 89) Benzo(a)pyrene             | 15.60 | 252  | 262437   | 48.907 | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 17.26 | 278  | 227211   | 49.962 | nq    | # 93     |
| 91) Benzo(g,h,i)perylene       | 17.74 | 276  | 226052   | 50.856 | nq    | # 90     |
| -----                          |       |      |          |        |       |          |

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





#1

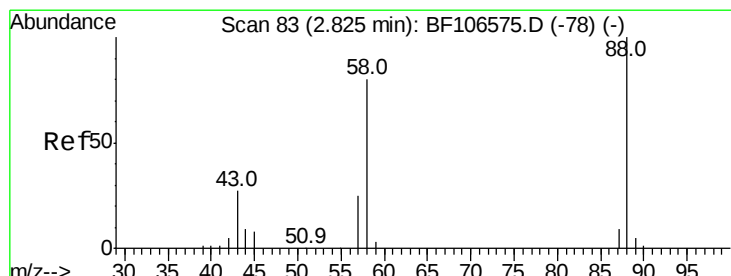
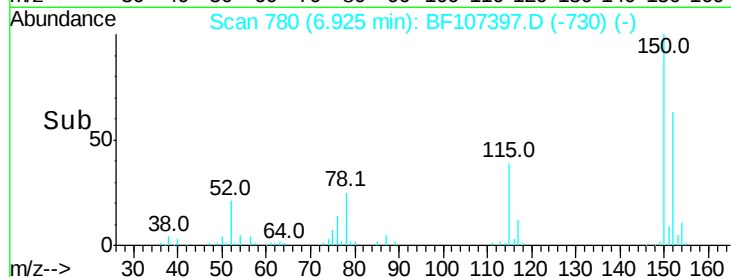
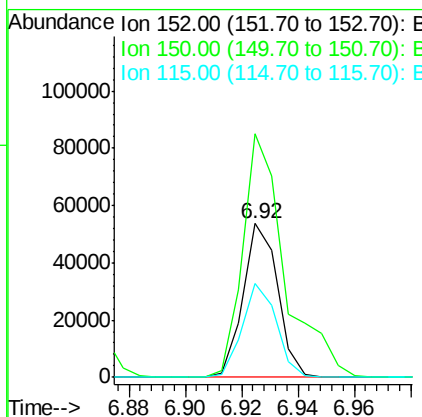
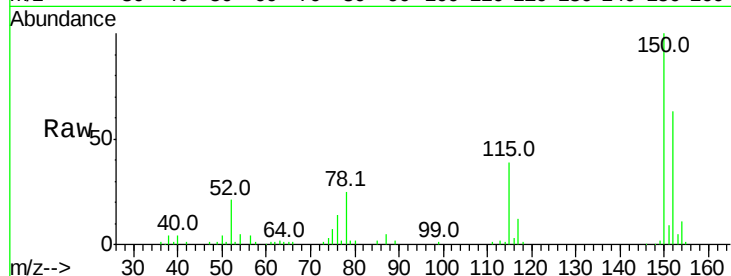
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.92 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampled :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.2 | 124.6 | 186.8 |
| 115     | 61.0  | 50.1  | 75.1  |

Manual Integrations  
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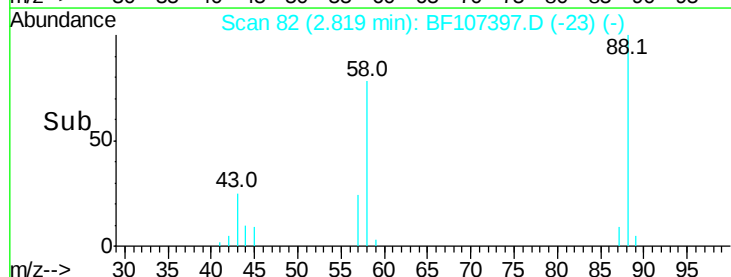
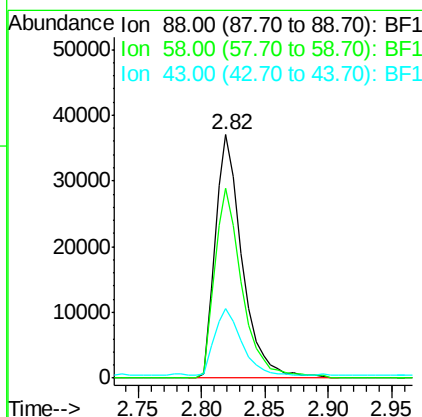
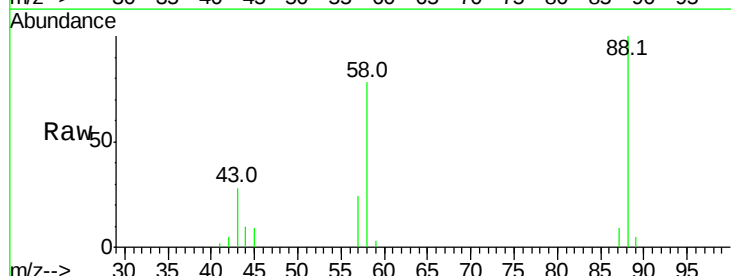
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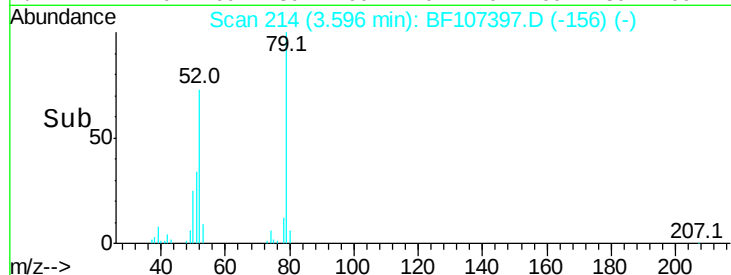
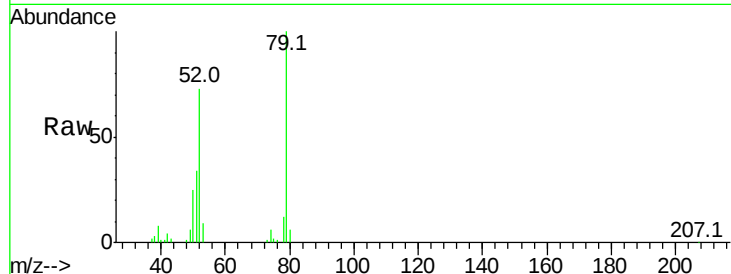
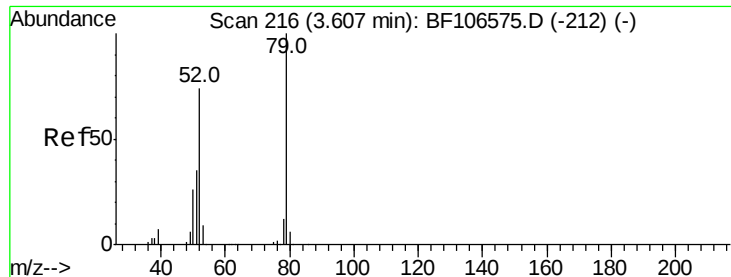


#2

1,4-Dioxane  
Concen: 39.698 ng  
RT: 2.82 min Scan# 82  
Delta R.T. 0.05 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 79.4  | 62.6  | 93.8  |
| 43      | 27.4  | 24.6  | 37.0  |





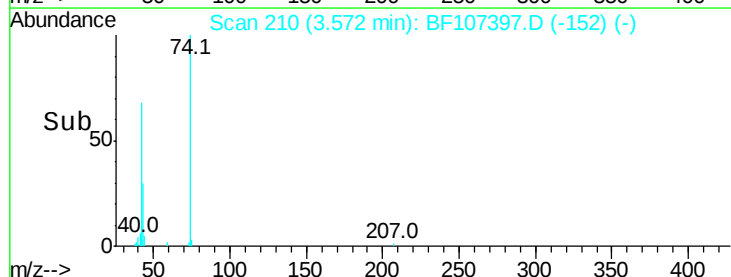
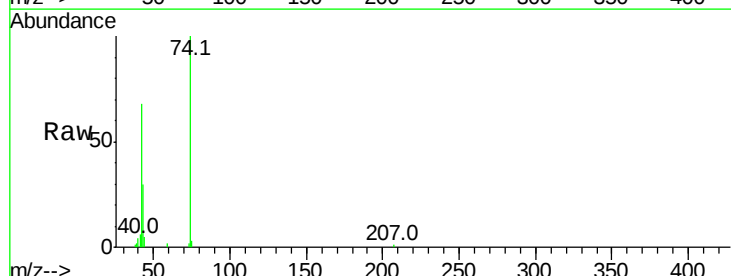
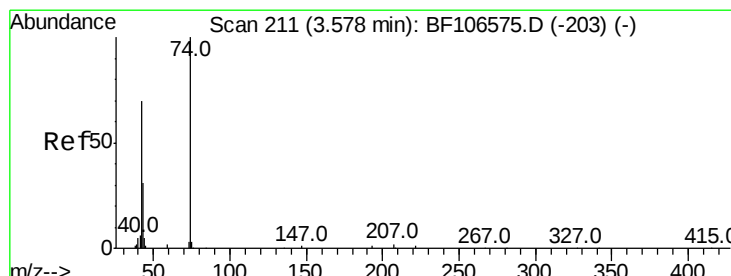
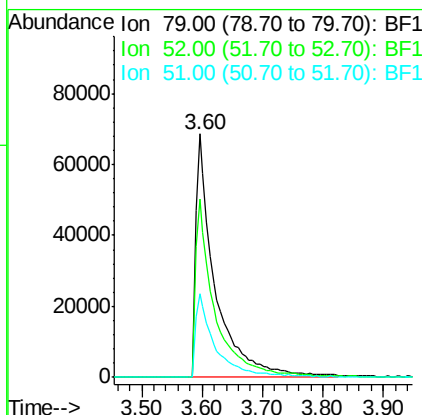
#3  
Pvridine  
Concen: 40.702 ng  
RT: 3.60 min Scan# 214  
Delta R.T. 0.04 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 79      | 100  |       |      |       |       |
| 52      | 73.1 | 59.8  |      | 89.6  |       |
| 51      | 34.3 | 29.8  |      | 44.8  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

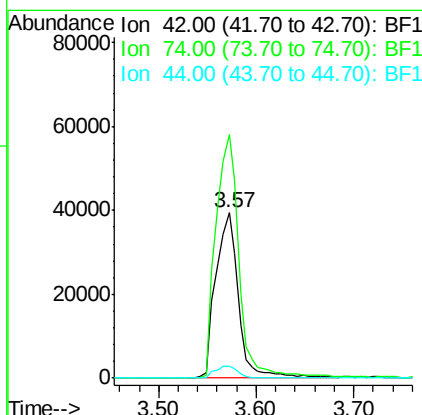
Manual Integrations  
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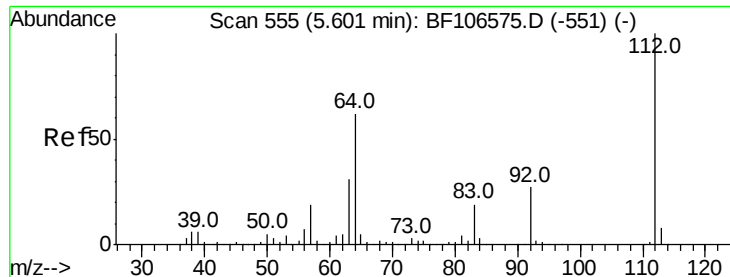
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7/16/2018 3:22:47 PM



#4  
n-Nitrosodimethylamine  
Concen: 40.004 ng  
RT: 3.57 min Scan# 210  
Delta R.T. 0.04 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ion   | Ratio | Resp | Lower | Upper |
|---------|-------|-------|------|-------|-------|
| 42      | 100   |       |      |       |       |
| 74      | 147.4 | 104.9 |      | 157.3 |       |
| 44      | 7.4   | 6.9   |      | 10.3  |       |





#5

2-Fluorophenol

Concen: 100.696 ng

RT: 5.57 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

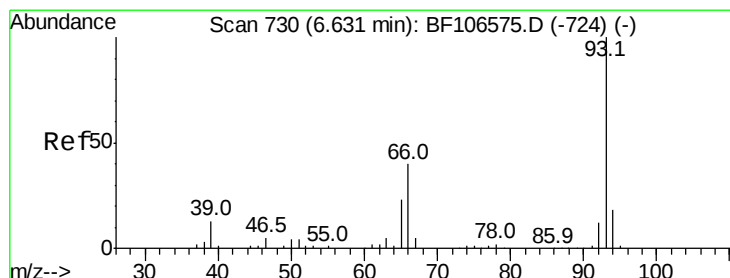
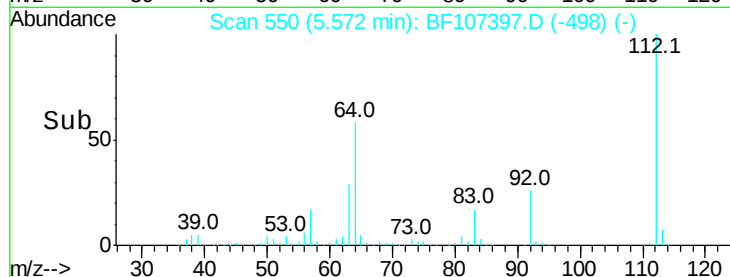
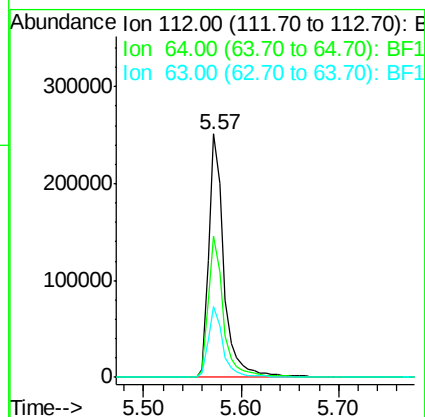
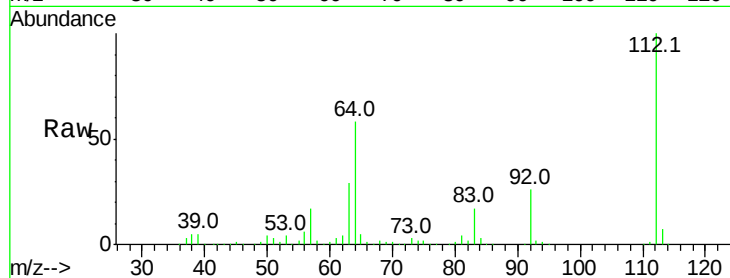
ClientSampleId :

PB111110BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 272079 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.2  | 47.9  | 71.9   |
| 63        | 29.0  | 23.7  | 35.5   |

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#6

Aniline

Concen: 21.011 ng

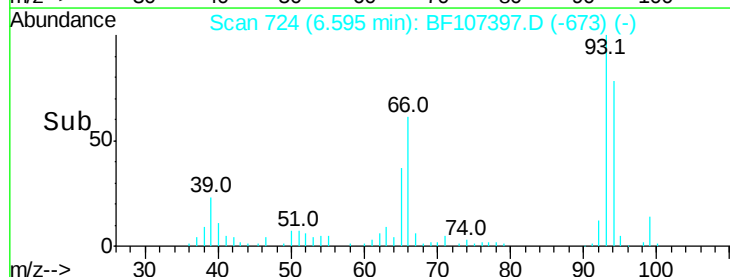
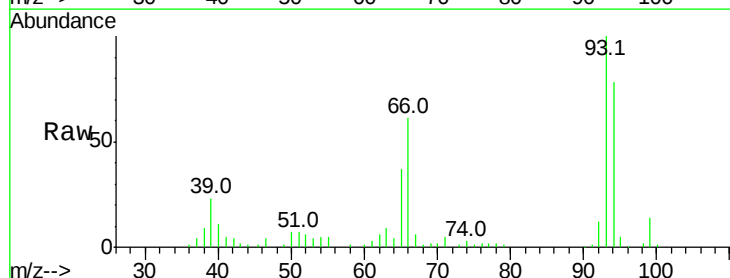
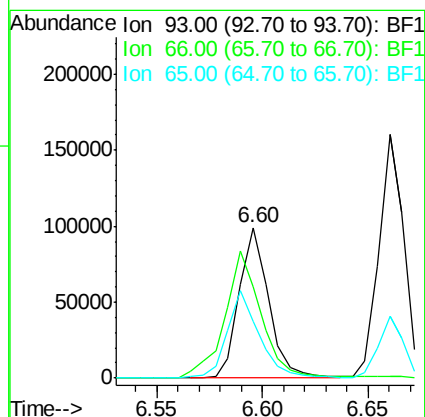
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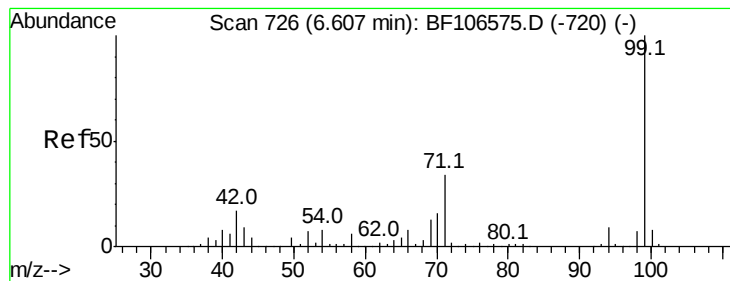
Delta R.T. 0.00 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 96170 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 60.9  | 32.2  | 48.2# |
| 65        | 37.5  | 16.4  | 24.6# |





#7

Phenol-d6

Concen: 90.577 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

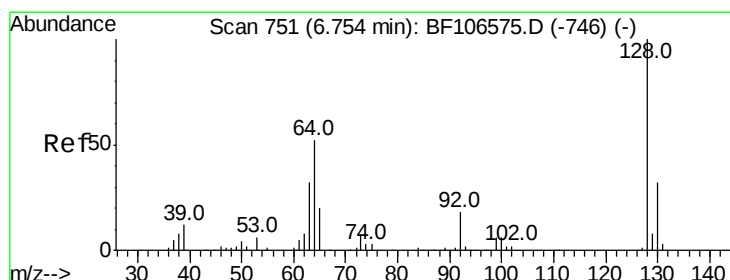
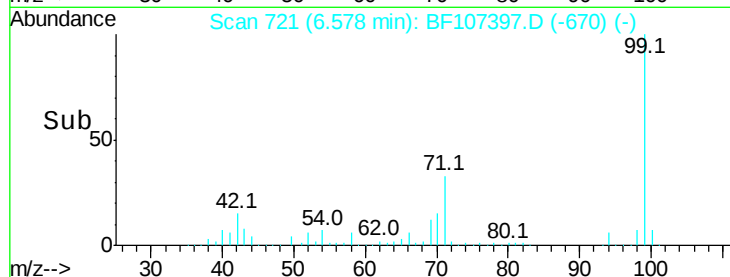
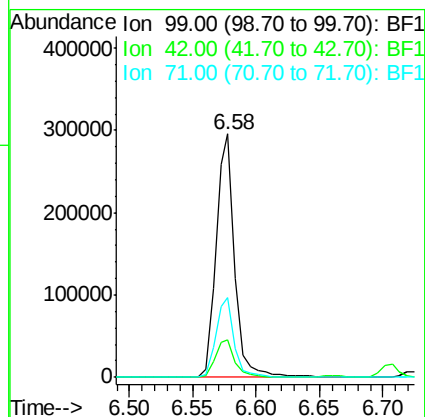
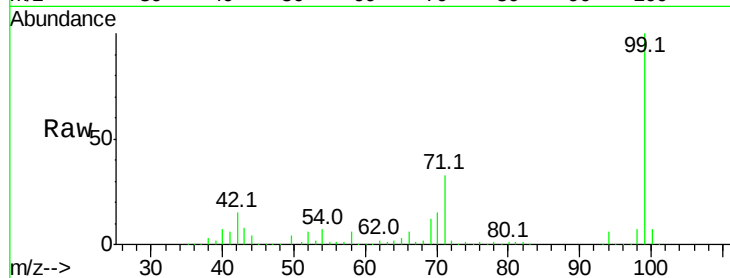
ClientSampleId :

PB111110BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 305630 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.3  | 14.5  | 21.7   |
| 71        | 32.8  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.178 ng

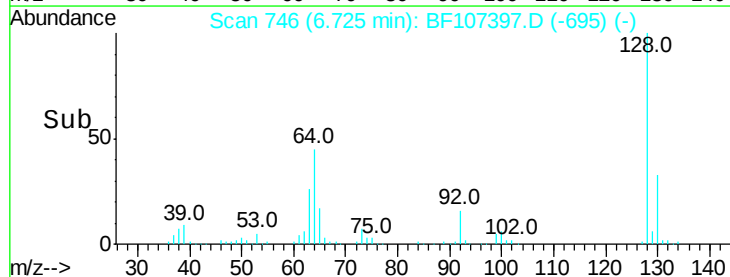
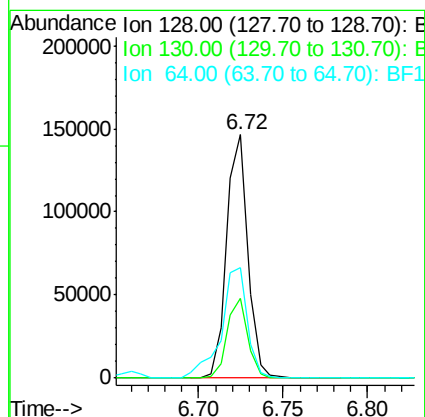
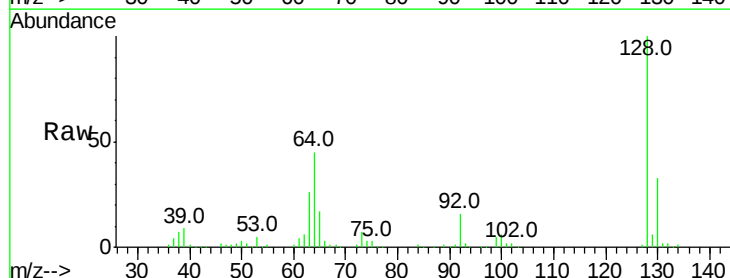
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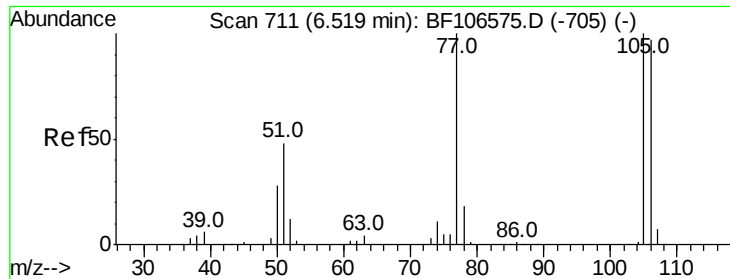
Delta R.T. 0.00 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 127961 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.9  | 13.0  | 53.0   |
| 64        | 45.4  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 32.776 ng

RT: 6.48 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

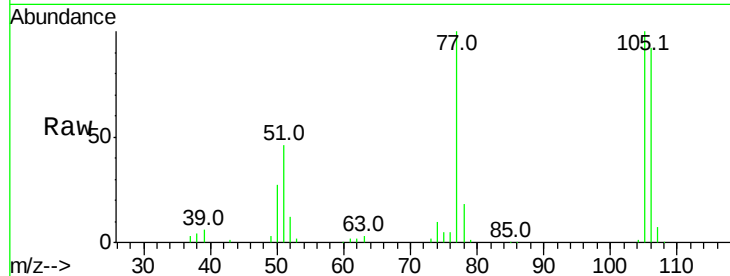
ClientSampleID :

PB111110BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 78928 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 100.0 | 81.1  | 121.1 |
| 106      | 92.4  | 74.5  | 114.5 |

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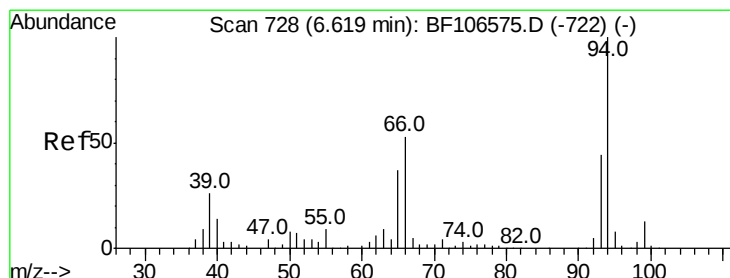
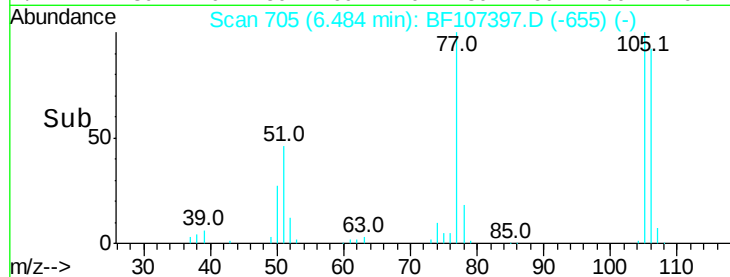
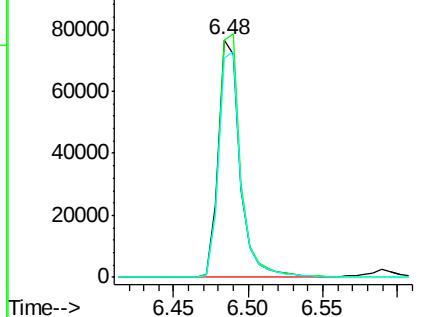
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.543 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF107397.D

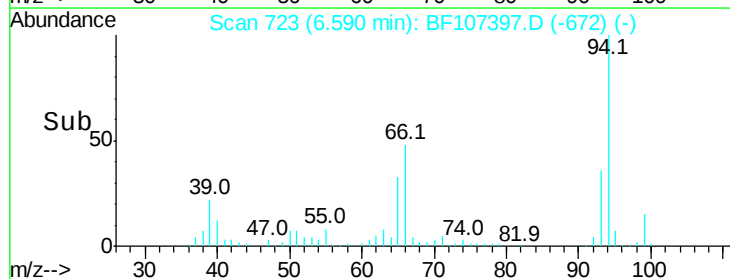
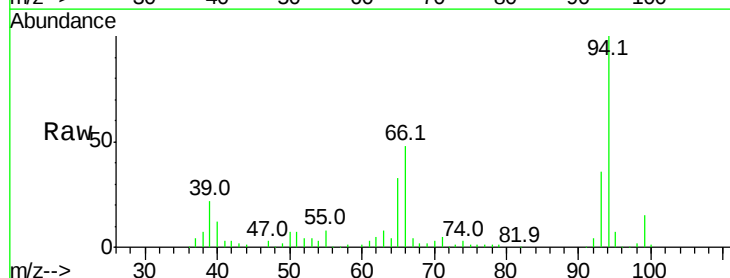
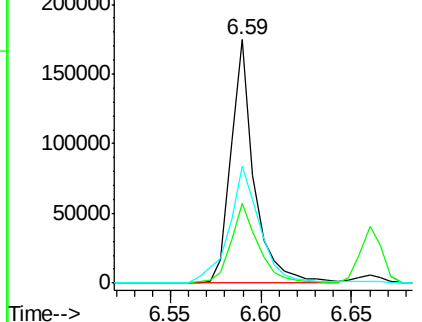
Acq: 14 Jul 2018 5:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 156124 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 32.7  | 7.9   | 47.9   |
| 66       | 47.9  | 16.2  | 56.2   |

Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.669 ng

RT: 6.66 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

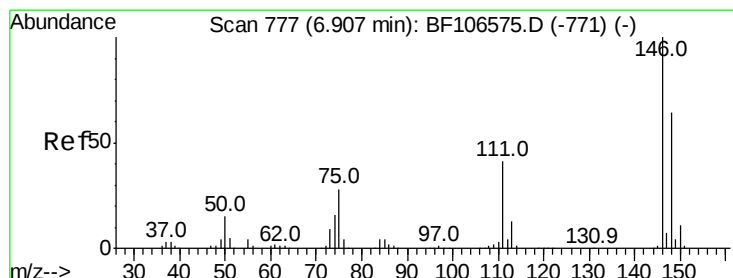
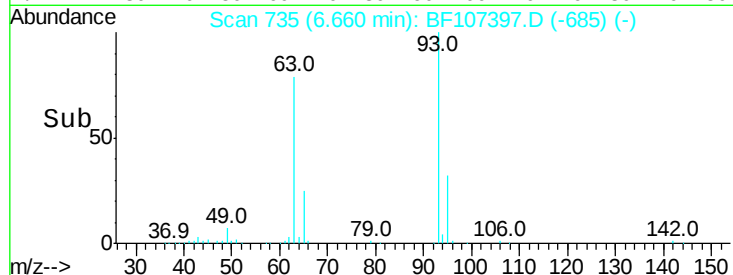
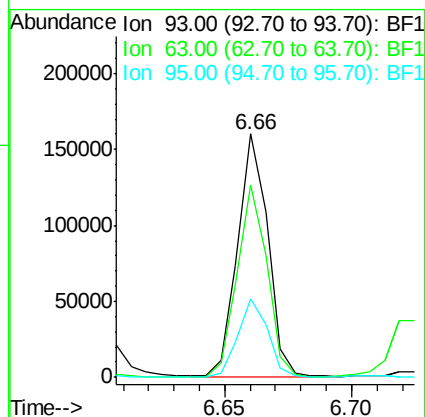
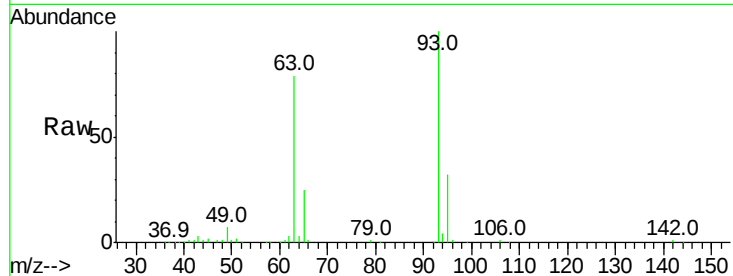
ClientSampleId :

PB111110BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 132468 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 79.0  | 58.6  | 98.6   |
| 95        | 32.1  | 11.8  | 51.8   |

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#12

1,3-Dichlorobenzene

Concen: 44.657 ng

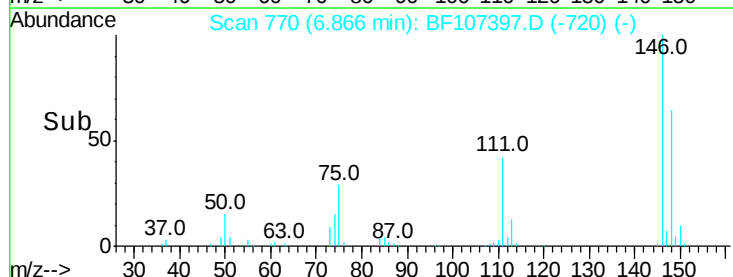
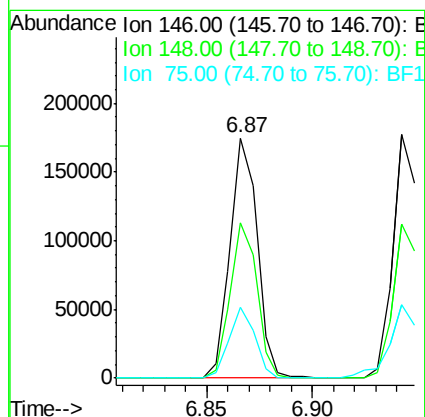
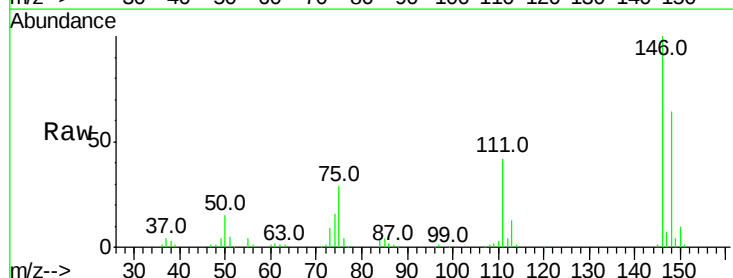
RT: 6.87 min Scan# 770

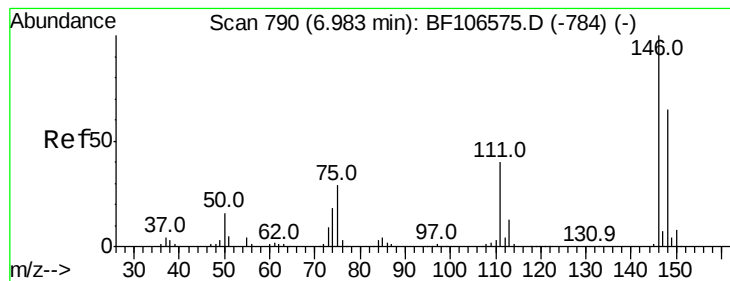
Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 155006 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.4  | 51.8  | 77.8   |
| 75        | 29.3  | 24.2  | 36.4   |





#13

1,4-Dichlorobenzene

Concen: 43.909 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

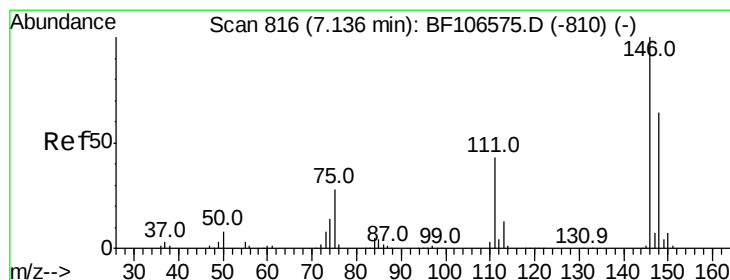
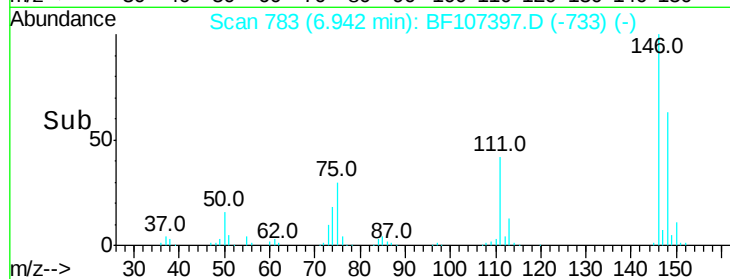
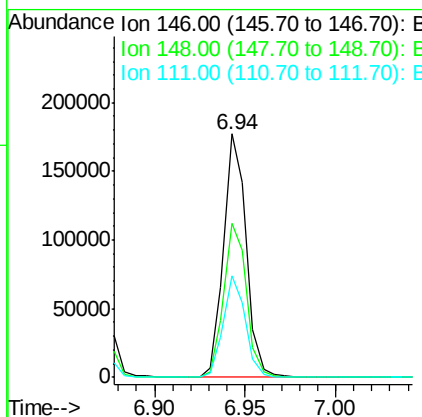
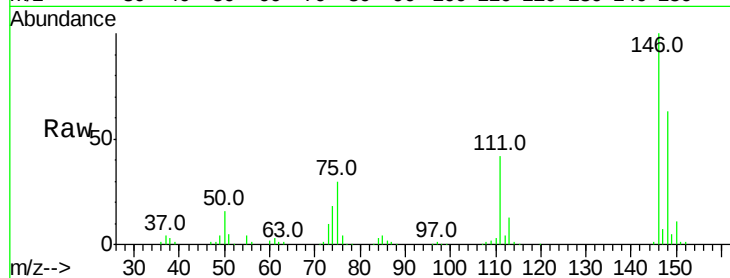
ClientSampleId :

PB111110BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 154084 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 50.8  | 76.2   |
| 111       | 41.6  | 34.2  | 51.2   |

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#14

1,2-Dichlorobenzene

Concen: 44.615 ng

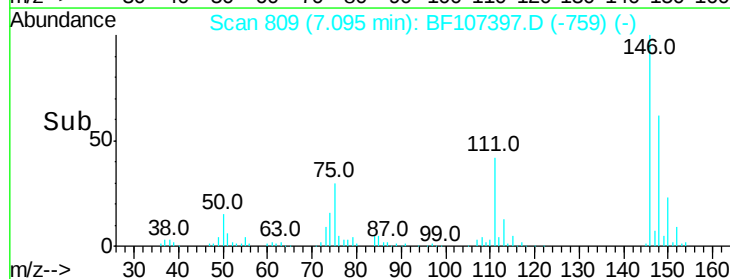
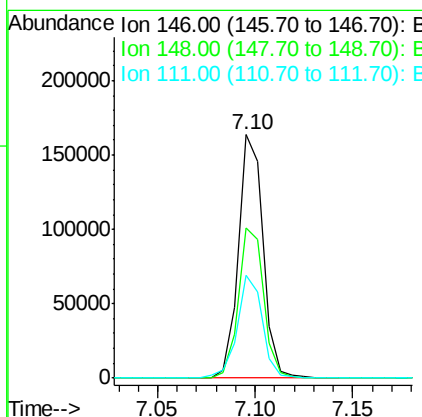
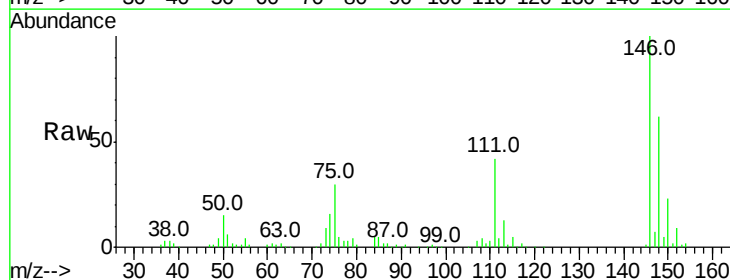
RT: 7.10 min Scan# 809

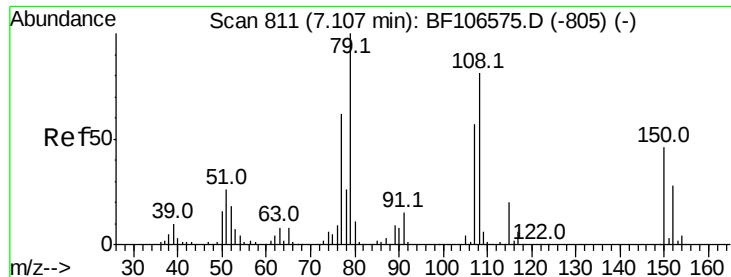
Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 143483 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.5  | 50.6  | 75.8   |
| 111       | 42.4  | 36.0  | 54.0   |





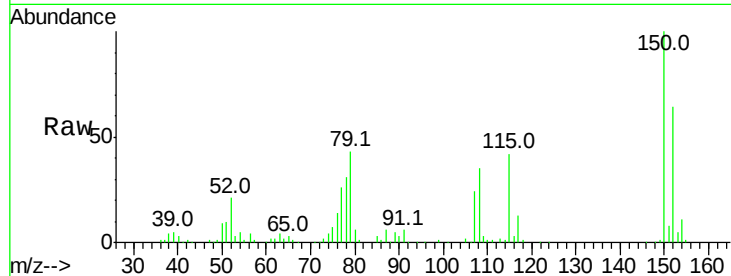
#15  
Benzyl Alcohol  
Concen: 36.522 ng  
RT: 7.08 min Scan# 806  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampled :  
PB111110BS

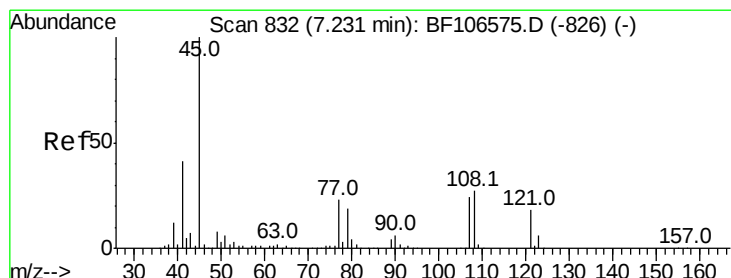
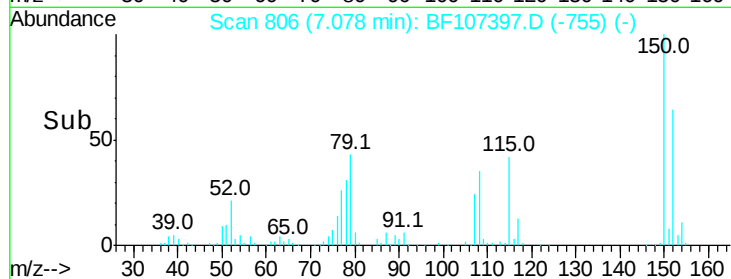
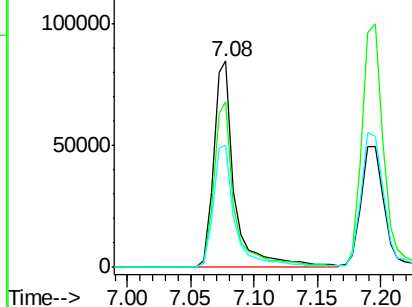
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 80.4  | 65.1  | 97.7  |
| 77      | 59.3  | 50.6  | 75.8  |

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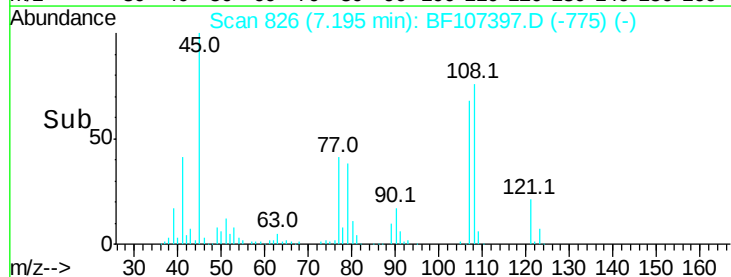
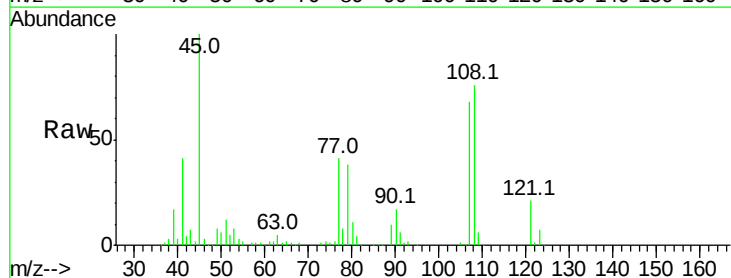
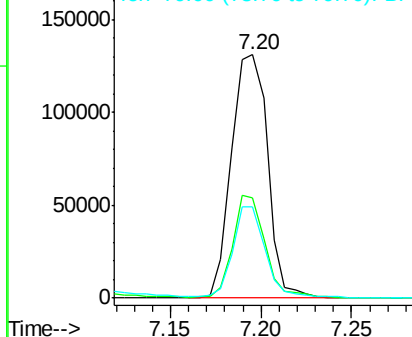
Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 108.00 (107.70 to 108.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1

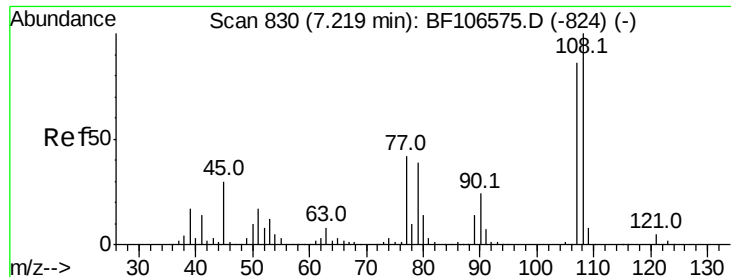


#16  
2,2'-oxybis(1-chloropropane)  
Concen: 43.596 ng  
RT: 7.20 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 41.0  | 0.0   | 32.9# |
| 79      | 37.7  | 0.0   | 29.6# |

Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





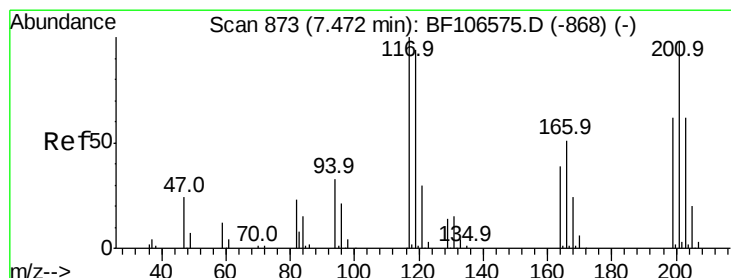
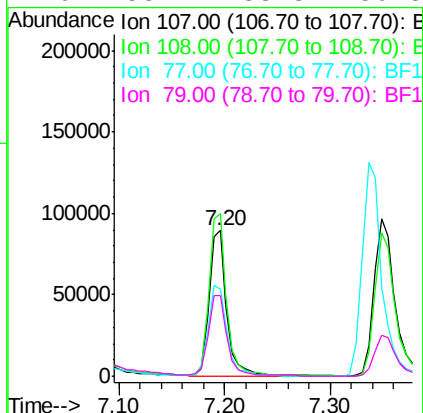
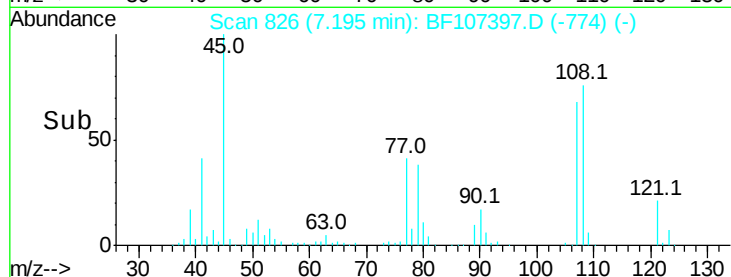
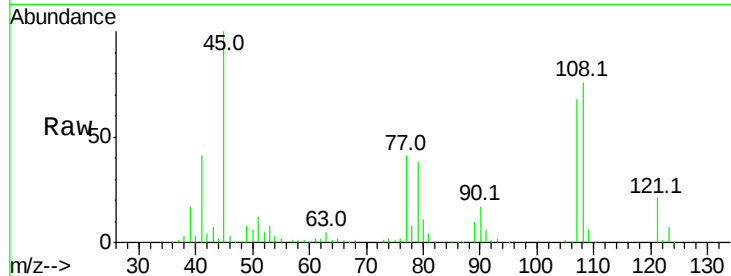
#17  
2-Methylphenol  
Concen: 41.474 ng  
RT: 7.20 min Scan# 826  
Delta R.T. 0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.0 | 91.7  | 137.5 |
| 77      | 60.3  | 33.8  | 50.8# |
| 79      | 55.4  | 33.8  | 50.8# |

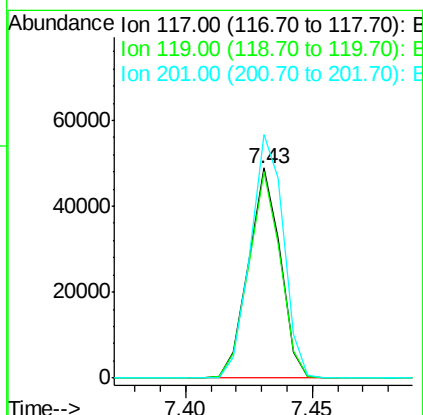
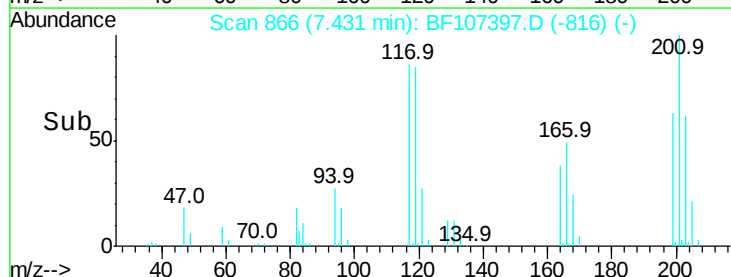
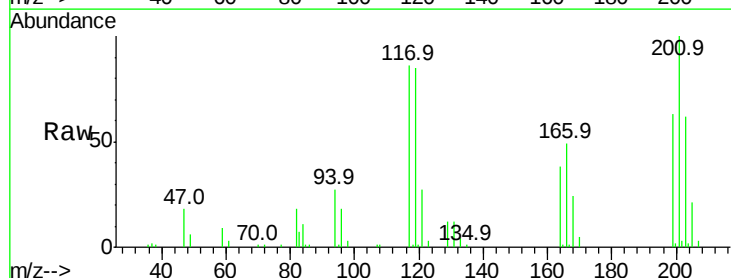
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#18  
Hexachloroethane  
Concen: 34.739 ng  
RT: 7.43 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 98.4  | 75.8  | 113.8  |
| 201     | 115.9 | 75.7  | 113.5# |





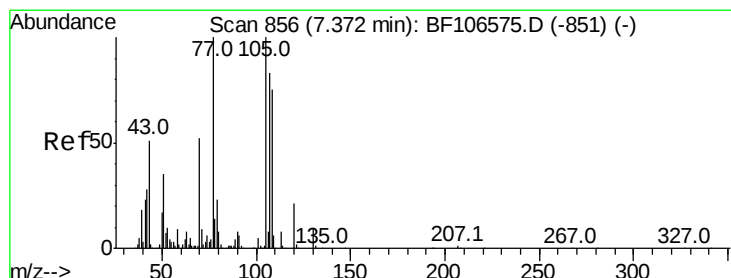
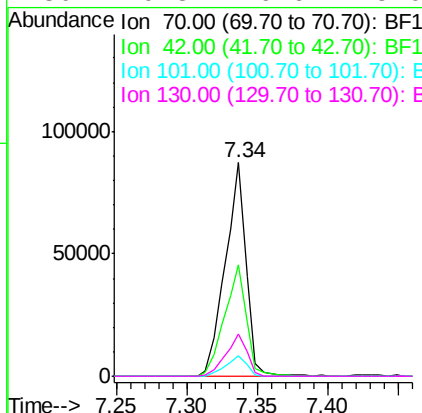
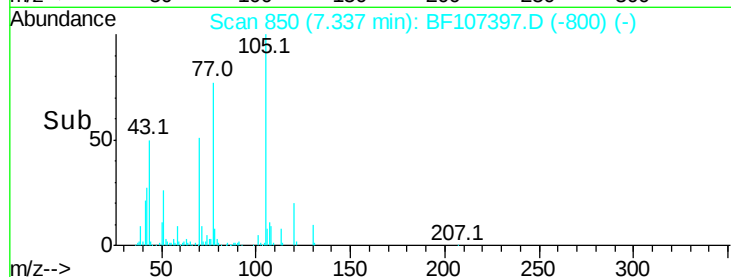
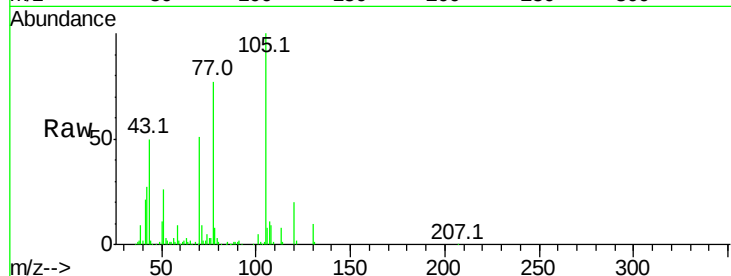
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.241 ng  
RT: 7.34 min Scan# 850  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampled :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 52.3  | 47.5  | 71.3  |
| 101     | 9.8   | 7.4   | 11.2  |
| 130     | 19.8  | 16.6  | 25.0  |

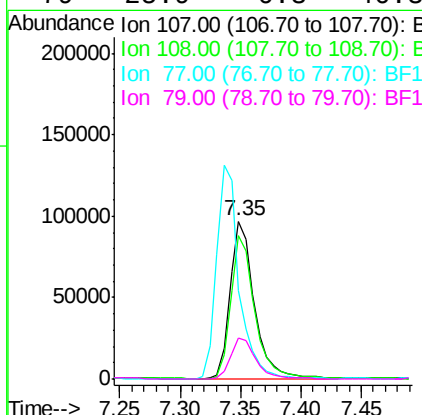
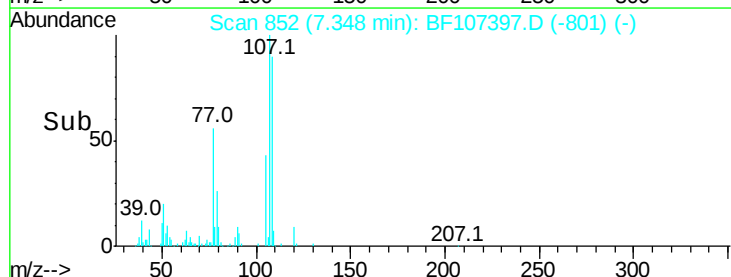
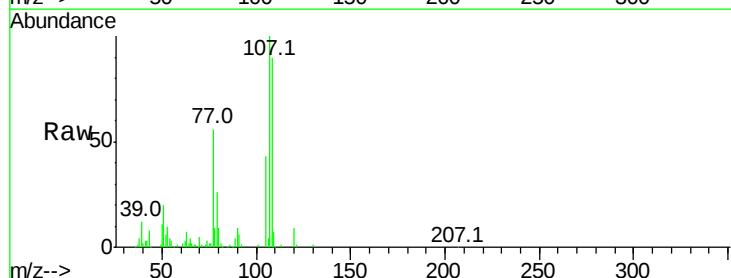
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#20  
3+4-Methylphenols  
Concen: 52.075 ng  
RT: 7.35 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.5  | 68.2  | 108.2 |
| 77      | 56.0  | 26.7  | 66.7  |
| 79      | 25.9  | 6.3   | 46.3  |





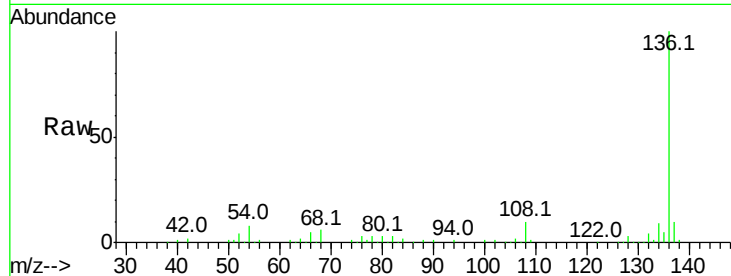
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.21 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

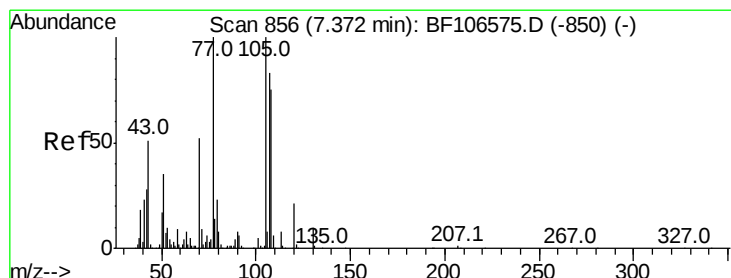
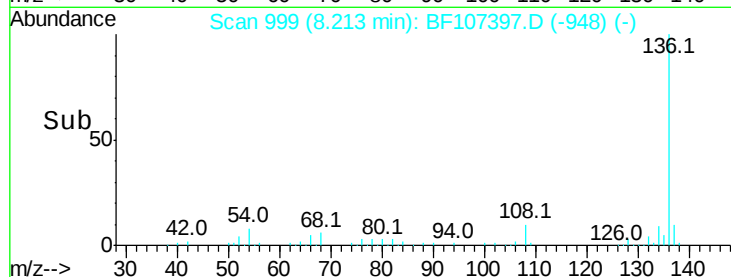
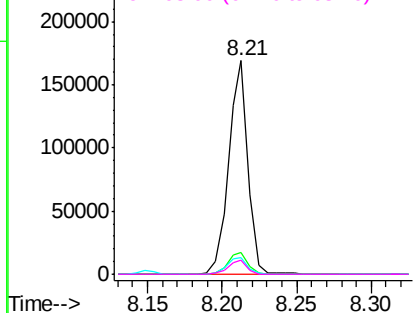
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.4  | 8.9  | 13.3  |       |
| 54      | 7.6   | 6.6  | 9.8   |       |
| 68      | 6.3   | 5.0  | 7.4   |       |

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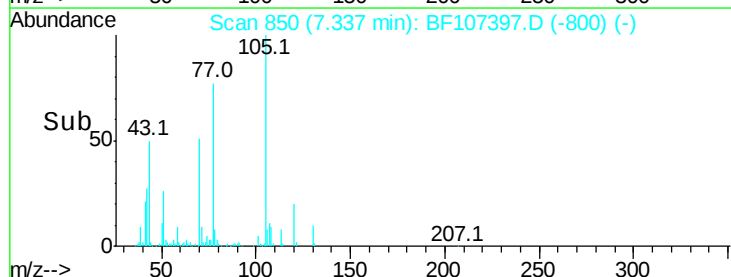
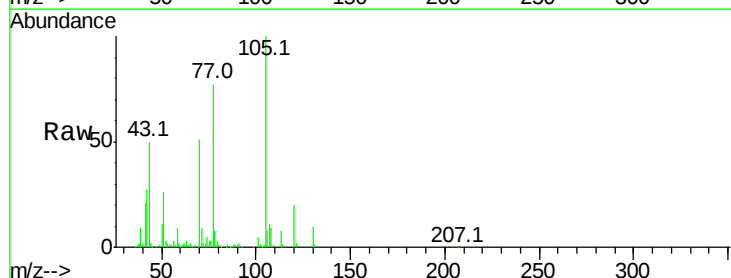
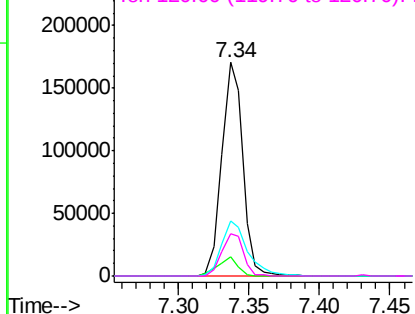
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

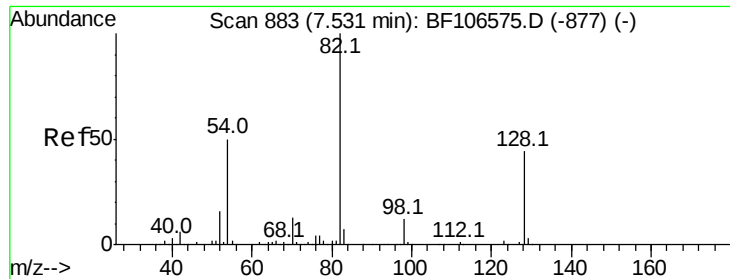


#22  
Acetophenone  
Concen: 51.427 ng  
RT: 7.34 min Scan# 850  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 8.8   | 4.4  | 6.6#  |       |
| 51      | 25.9  | 22.3 | 33.5  |       |
| 120     | 20.0  | 16.9 | 25.3  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E





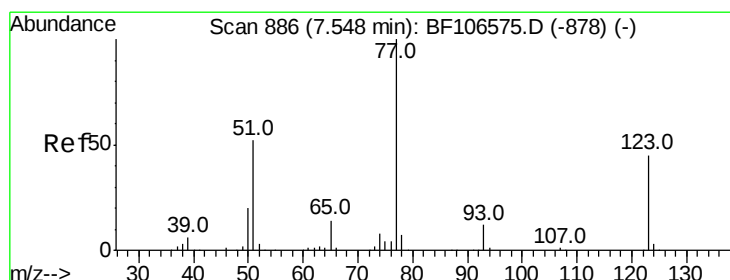
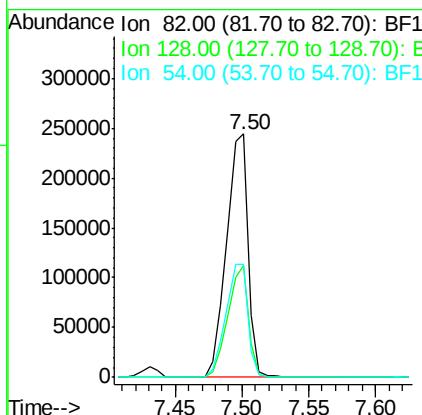
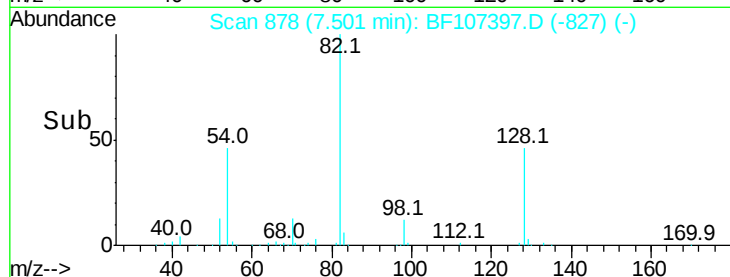
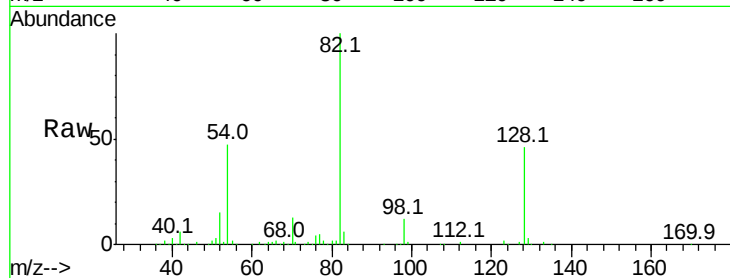
#23  
Nitrobenzene-d5  
Concen: 101.700 ng  
RT: 7.50 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.2  | 36.1  | 54.1  |
| 54      | 46.5  | 41.4  | 62.2  |

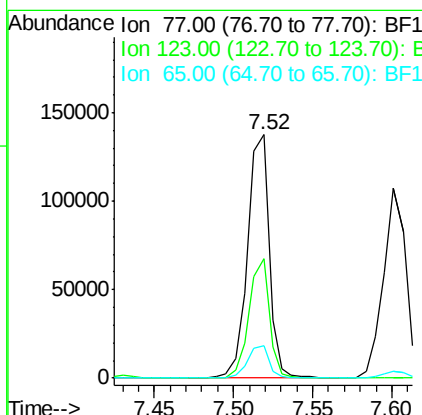
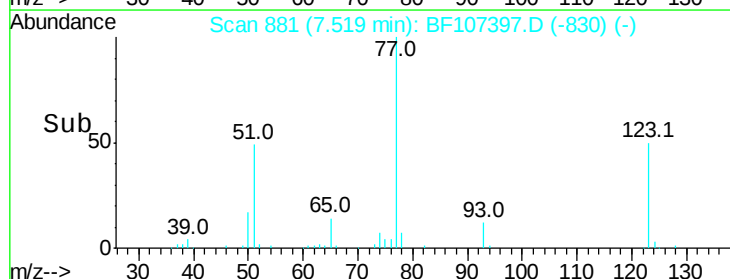
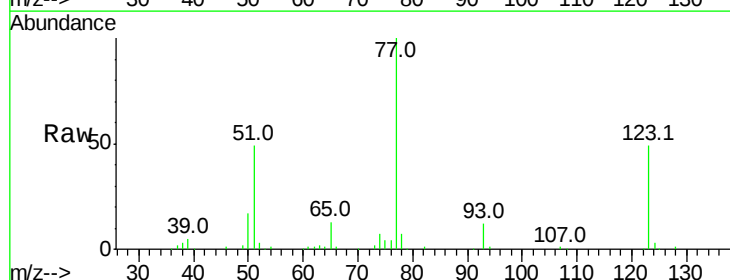
Manual Integrations  
APPROVED

Sohil  
7/16/2018 3:22:47 PM



#24  
Nitrobenzene  
Concen: 46.084 ng  
RT: 7.52 min Scan# 881  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.2  | 37.9  | 56.9  |
| 65      | 13.4  | 11.0  | 16.4  |





#25

Isophorone

Concen: 48.714 ng

RT: 7.75 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

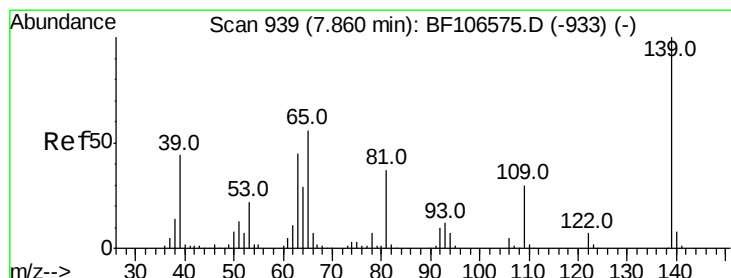
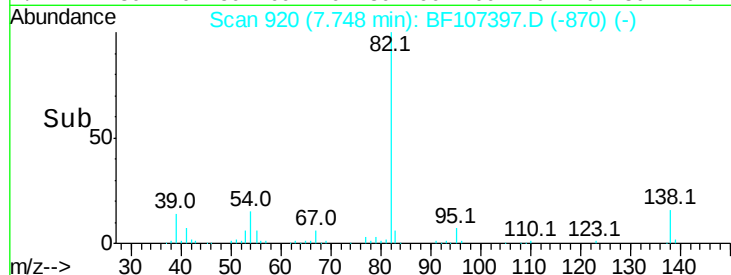
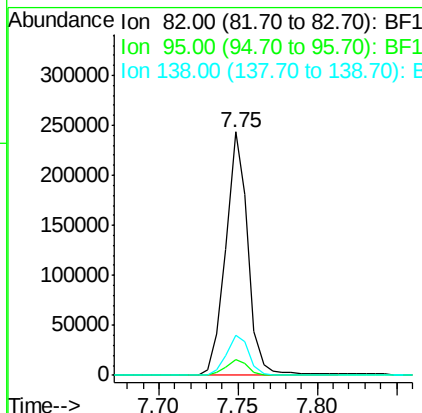
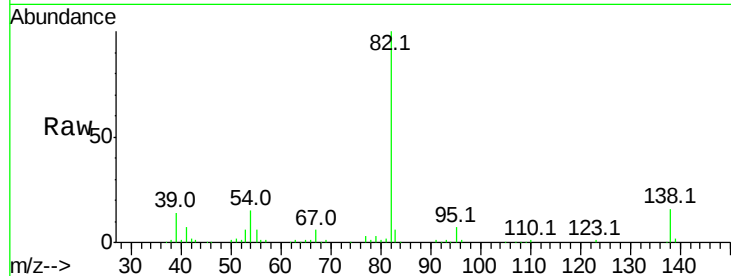
ClientSampleId :

PB111110BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 237218 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.6  | 5.2   | 7.8    |
| 138       | 16.5 | 14.9  | 22.3   |

Manual Integrations  
APPROVED

Sohil  
7/16/2018 3:22:47 PM



#26

2-Nitrophenol

Concen: 40.131 ng

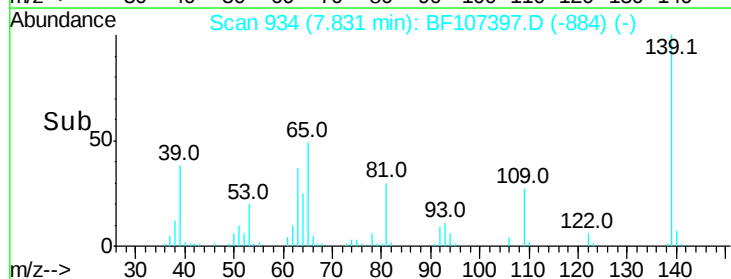
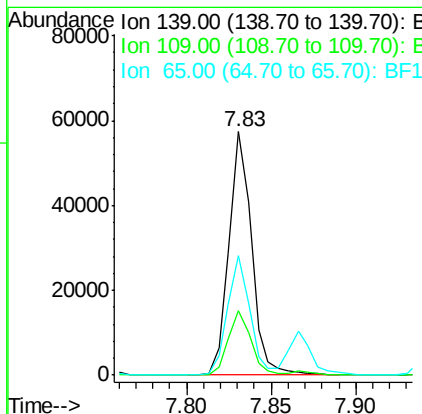
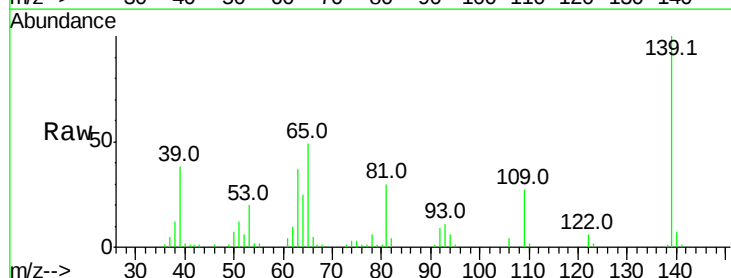
RT: 7.83 min Scan# 934

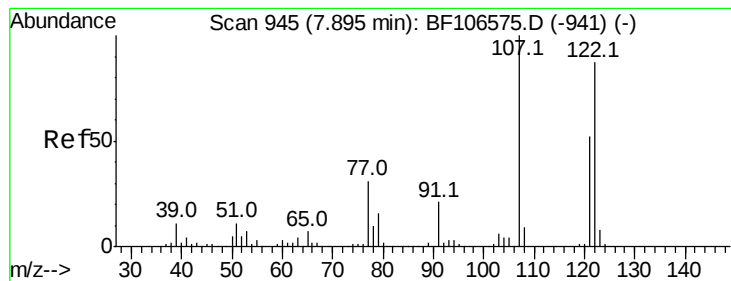
Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 53450 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 26.5 | 22.7  | 34.1  |
| 65        | 49.1 | 40.5  | 60.7  |





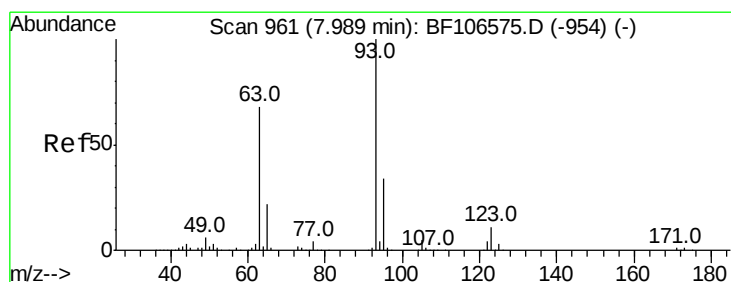
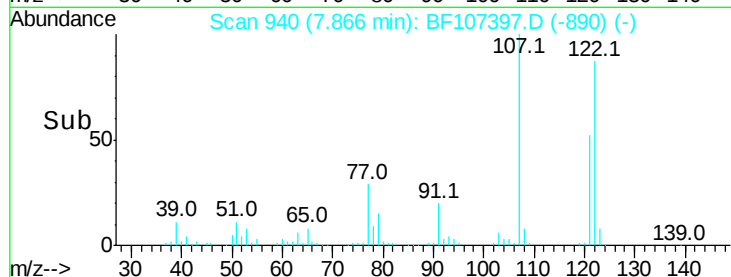
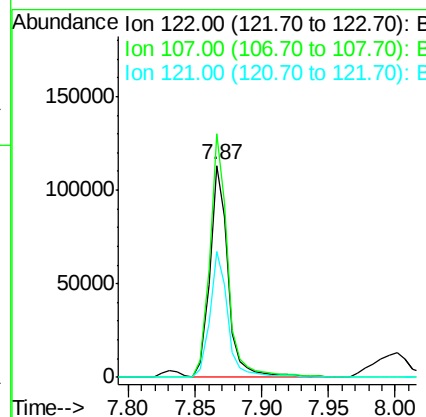
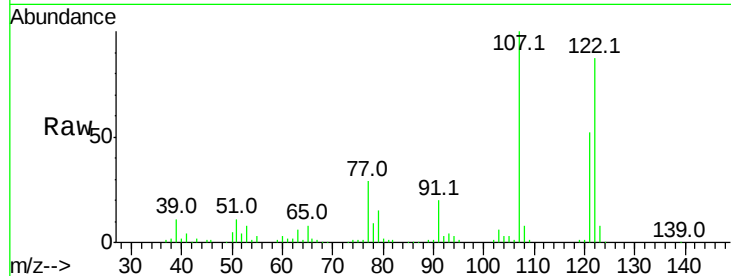
#27  
2,4-Dimethylphenol  
Concen: 52.584 ng  
RT: 7.87 min Scan# 940  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 108251 |       |       |
| 107     | 114.8 |        | 91.2  | 136.8 |
| 121     | 59.5  |        | 47.2  | 70.8  |

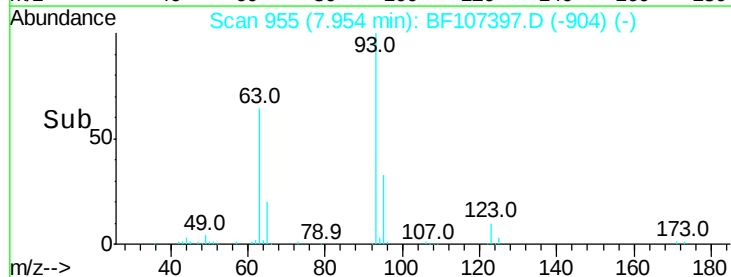
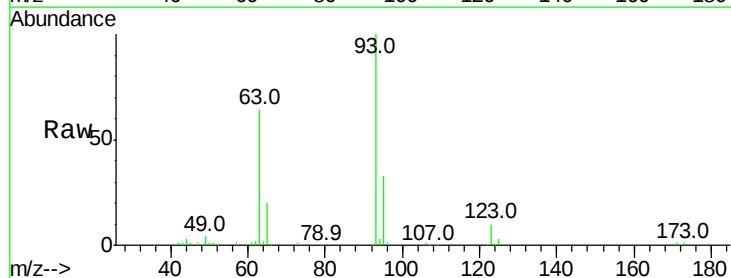
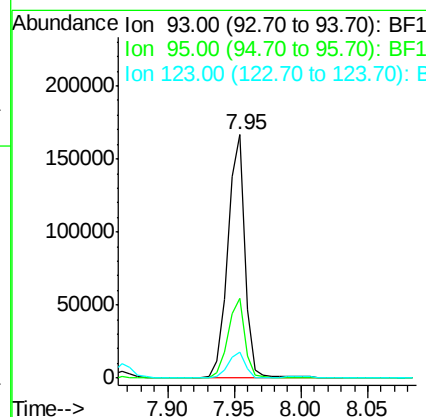
Manual Integrations  
APPROVED

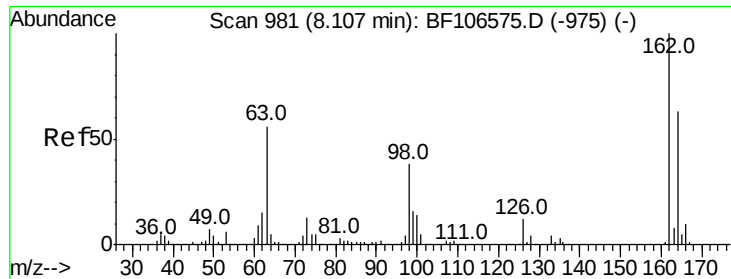
Sohil  
7/16/2018 3:22:47 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.716 ng  
RT: 7.95 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 152744 |       |       |
| 95      | 32.6  |        | 26.3  | 39.5  |
| 123     | 10.5  |        | 9.8   | 14.6  |





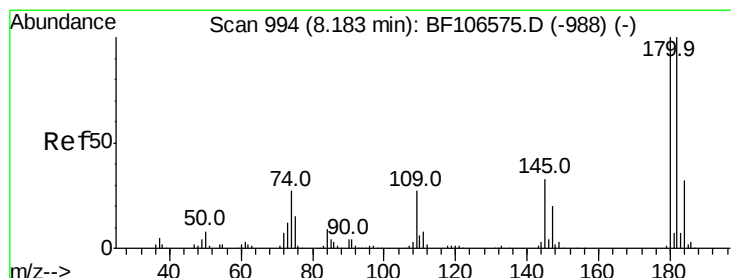
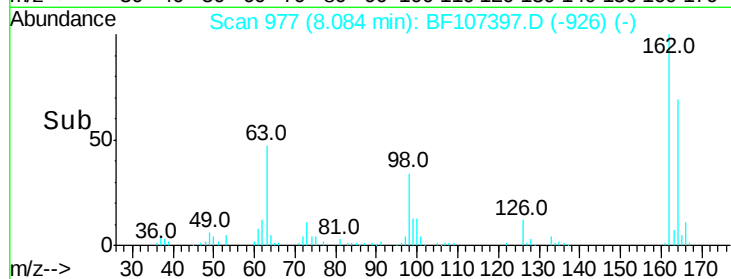
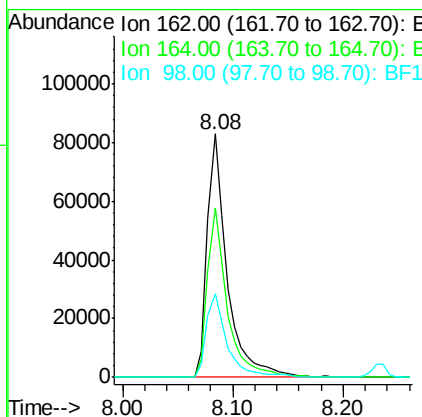
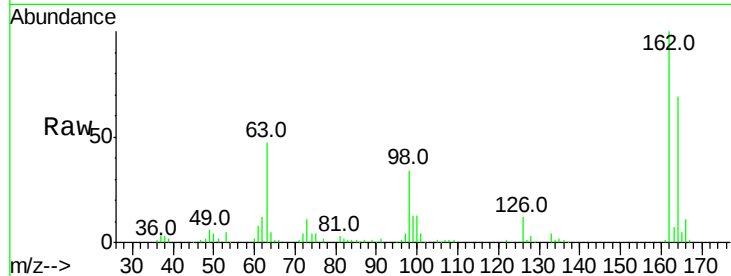
#29  
 2,4-Dichlorophenol  
 Concen: 46.936 ng  
 RT: 8.08 min Scan# 977  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB111110BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 69.4  | 42.7       | 82.7  |
| 98      | 34.1  | 18.1       | 58.1  |

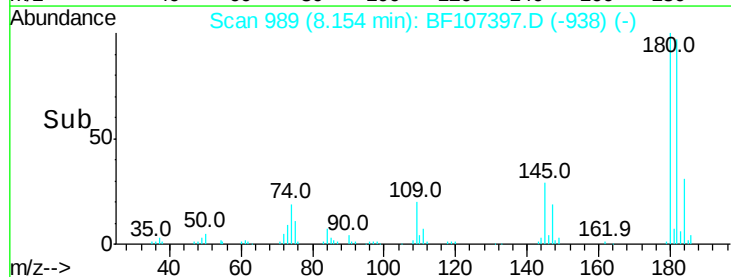
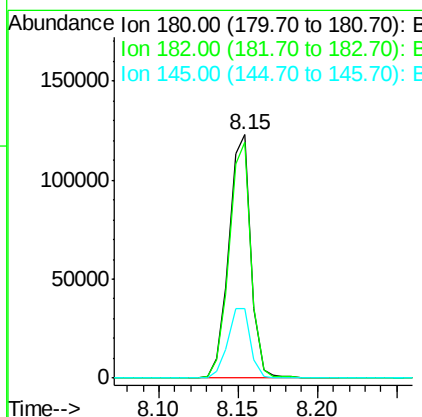
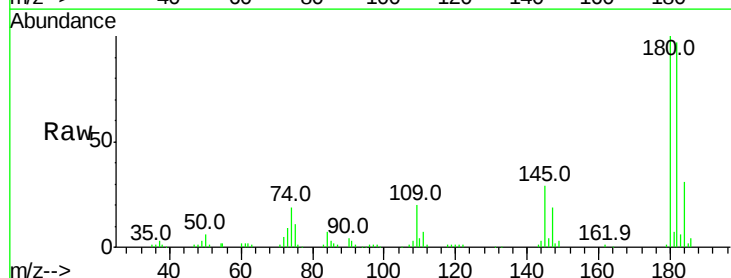
Manual Integrations  
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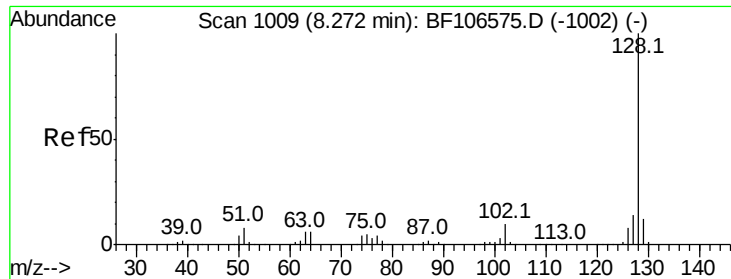
Sohil  
 7/16/2018 3:22:47 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 49.875 ng  
 RT: 8.15 min Scan# 989  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 96.9  | 76.8       | 115.2 |
| 145     | 28.7  | 26.5       | 39.7  |





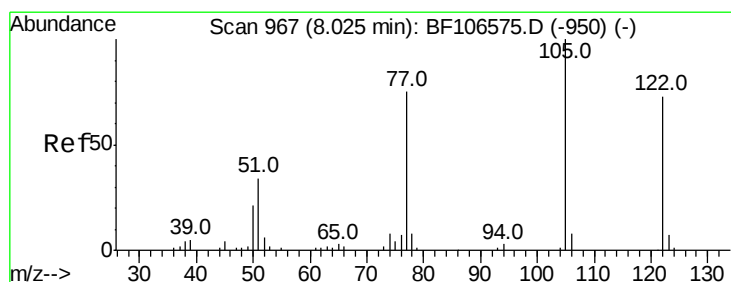
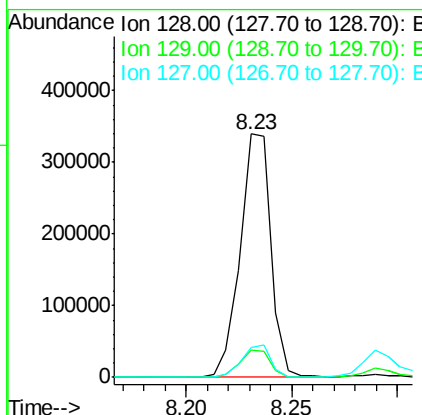
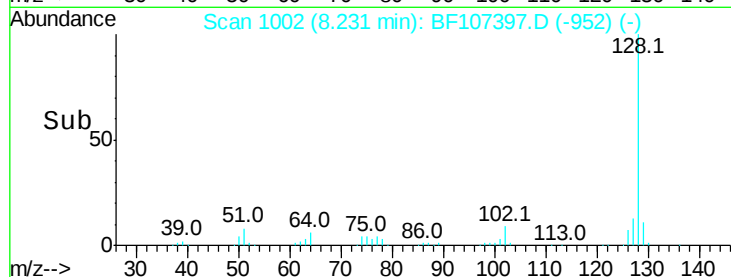
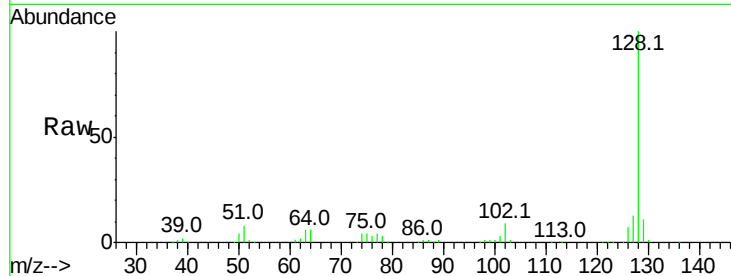
#31  
Naphthalene  
Concen: 47.931 ng  
RT: 8.23 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 344150 |       |       |
| 129     | 11.1  | 8.8    | 13.2  |       |
| 127     | 12.5  | 10.9   | 16.3  |       |

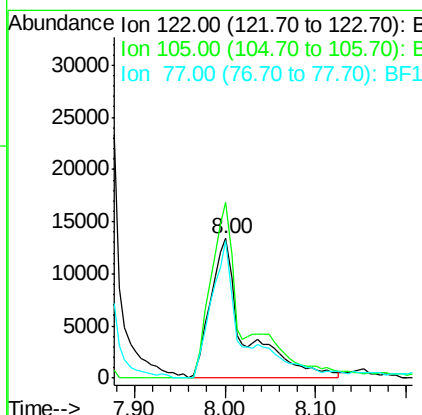
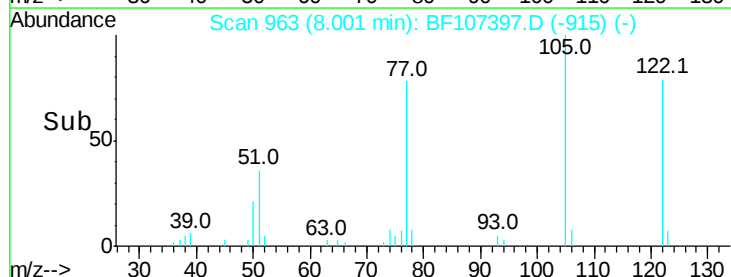
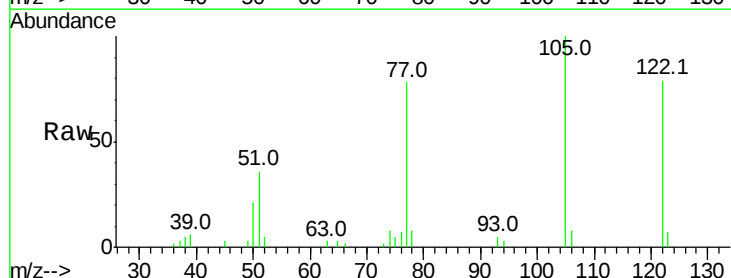
Manual Integrations  
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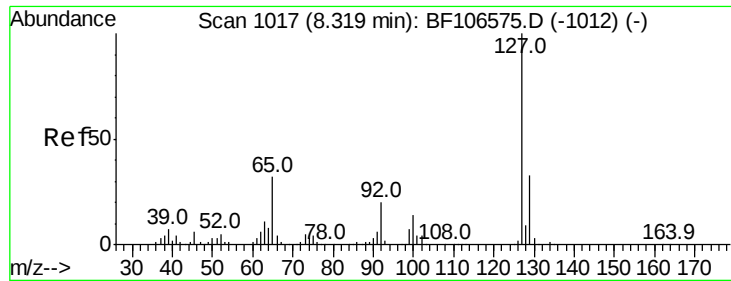
Sohil  
7/16/2018 3:22:47 PM



#32  
Benzoic acid  
Concen: 26.517 ng m  
RT: 8.00 min Scan# 963  
Delta R.T. -0.02 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 35345 |       |       |
| 105     | 126.0 | 101.1 | 141.1 |       |
| 77      | 98.4  | 70.7  | 110.7 |       |





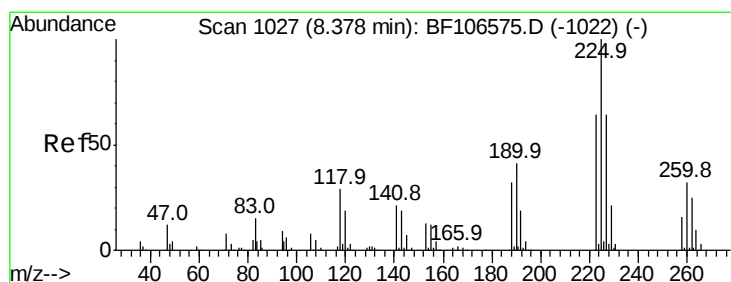
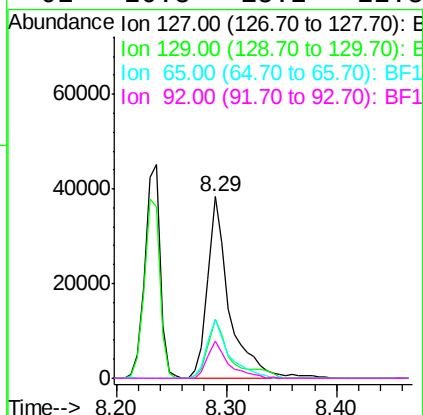
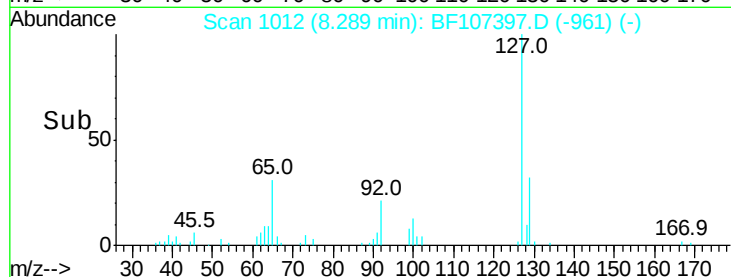
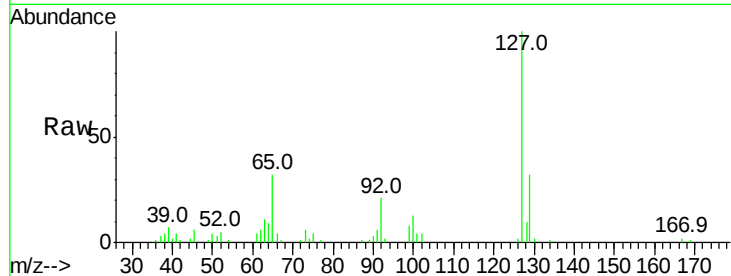
#33  
4-Chloroaniline  
Concen: 17.150 ng  
RT: 8.29 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.3  | 25.9  | 38.9  |
| 65      | 32.3  | 25.0  | 37.4  |
| 92      | 20.8  | 15.2  | 22.8  |

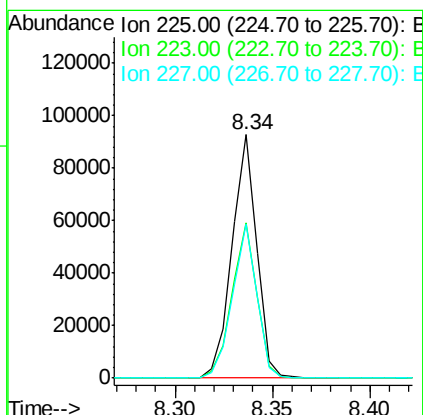
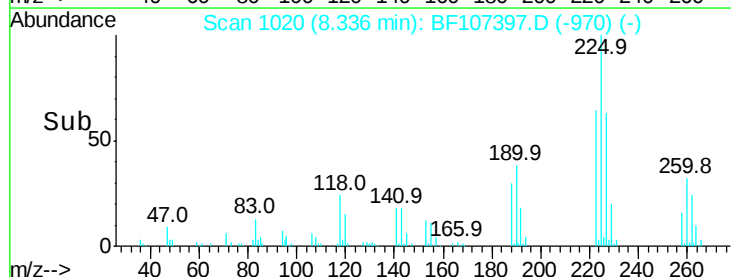
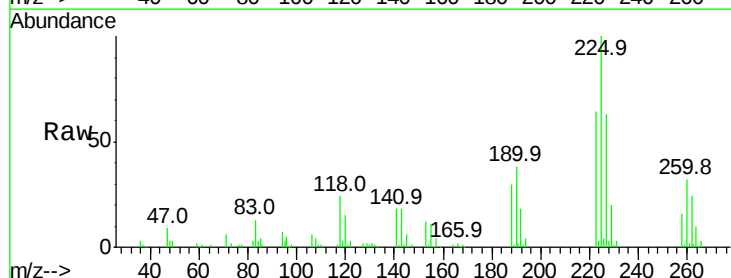
Manual Integrations  
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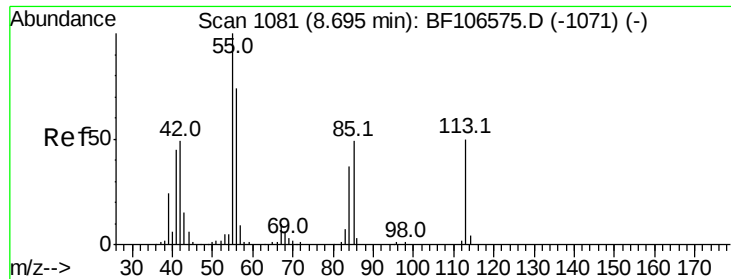
Sohil  
7/16/2018 3:22:47 PM



#34  
Hexachlorobutadiene  
Concen: 52.692 ng  
RT: 8.34 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.8  | 50.6  | 76.0  |
| 227     | 63.5  | 51.9  | 77.9  |





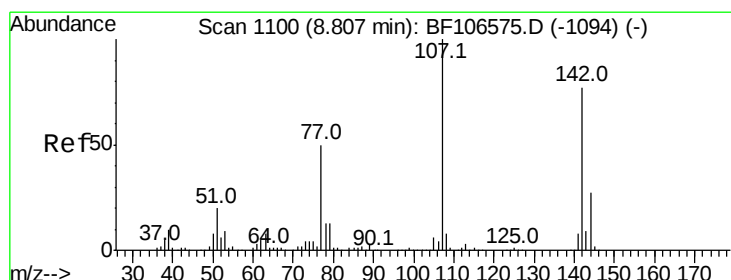
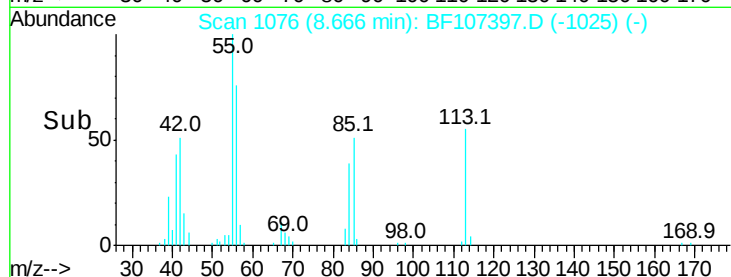
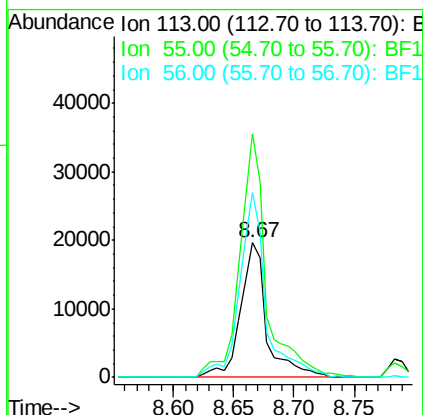
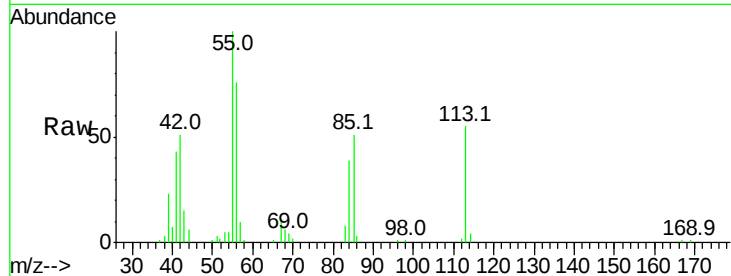
#35  
 Caprolactam  
 Concen: 42.600 ng  
 RT: 8.67 min Scan# 1076  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 180.8 | 163.3 | 203.3 |
| 56      | 137.2 | 115.7 | 155.7 |

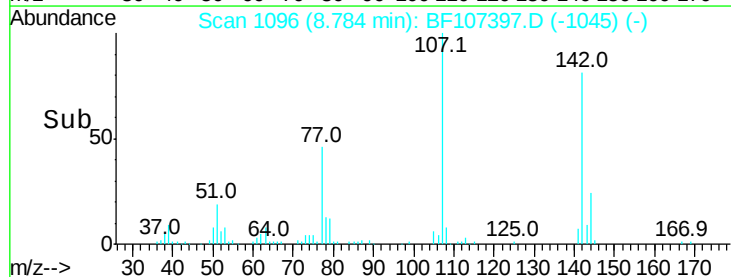
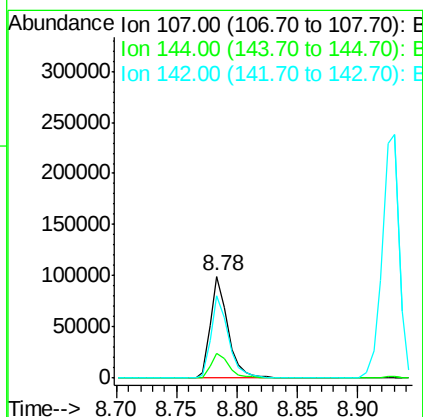
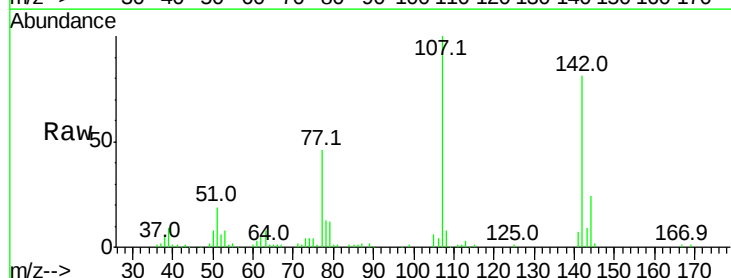
Manual Integrations  
 APPROVED

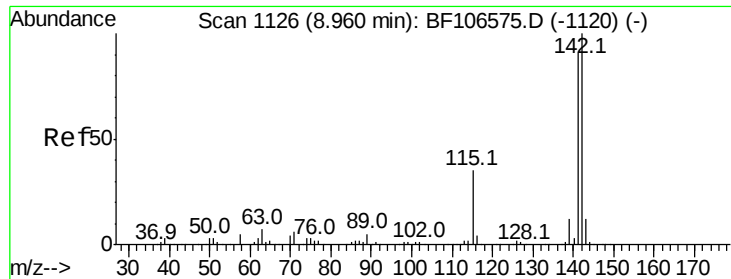
Sohil  
 7/16/2018 3:22:47 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.983 ng  
 RT: 8.78 min Scan# 1096  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.2  | 20.5  | 30.7  |
| 142     | 80.9  | 62.0  | 93.0  |





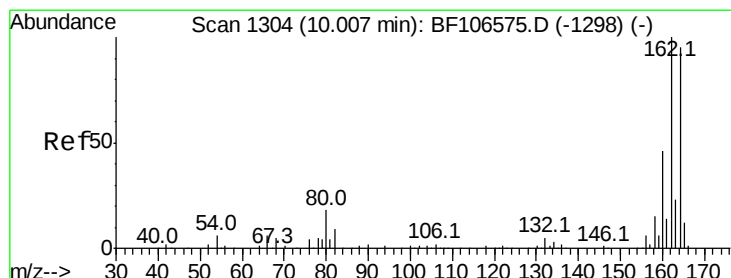
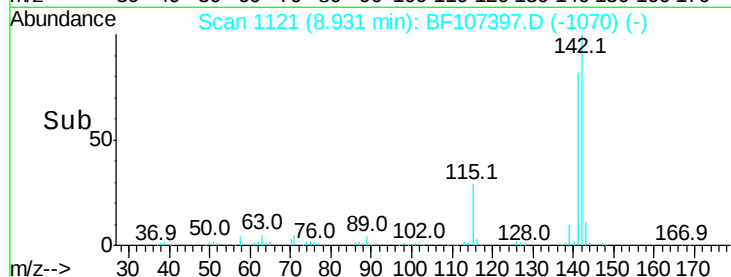
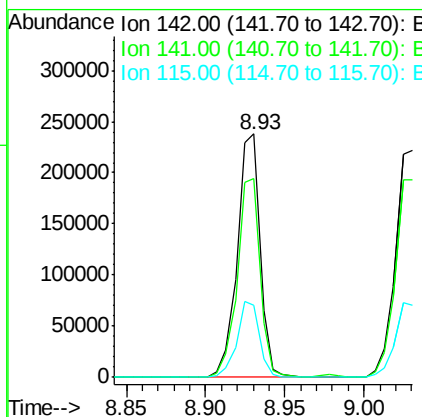
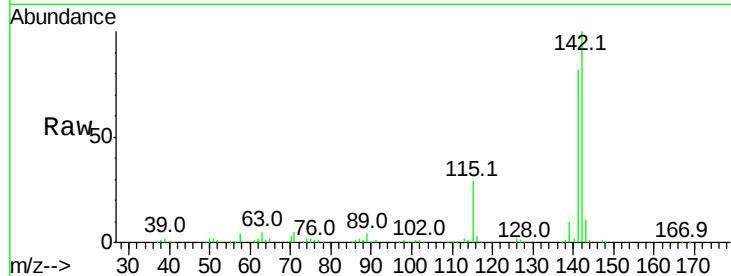
#37  
2-Methylnaphthalene  
Concen: 50.237 ng  
RT: 8.93 min Scan# 1121  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 81.6  | 70.8  | 106.2 |
| 115     | 29.4  | 26.1  | 39.1  |

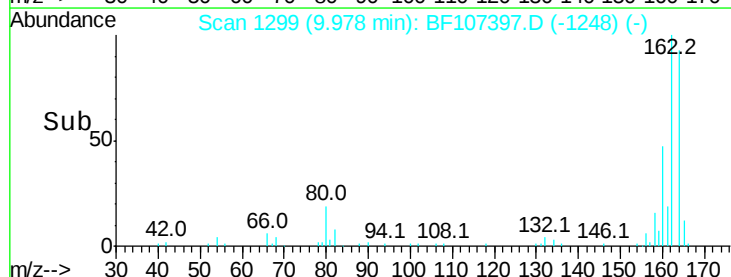
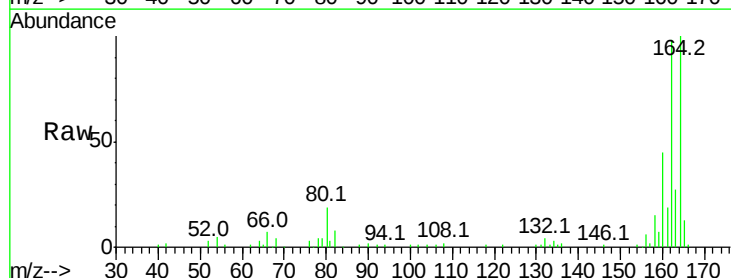
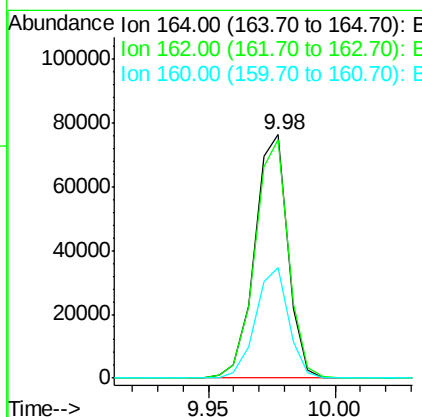
Manual Integrations  
APPROVED

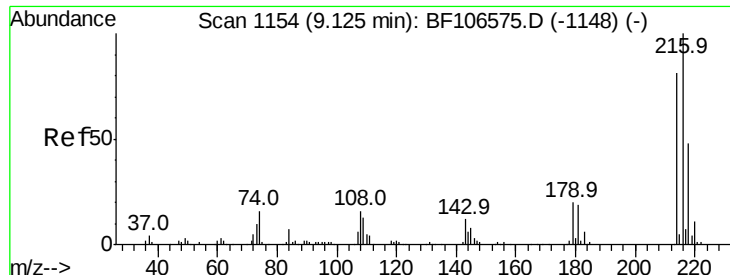
Sohil  
7/16/2018 3:22:47 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.98 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 97.8  | 86.1  | 129.1 |
| 160     | 45.2  | 38.3  | 57.5  |





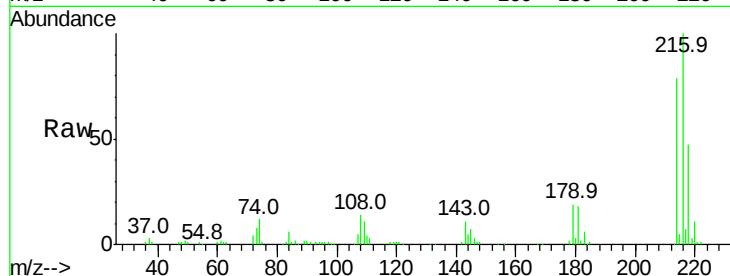
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 52.352 ng  
 RT: 9.10 min Scan# 1149  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB111110BS

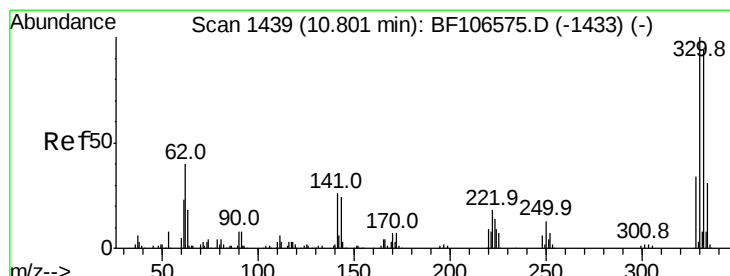
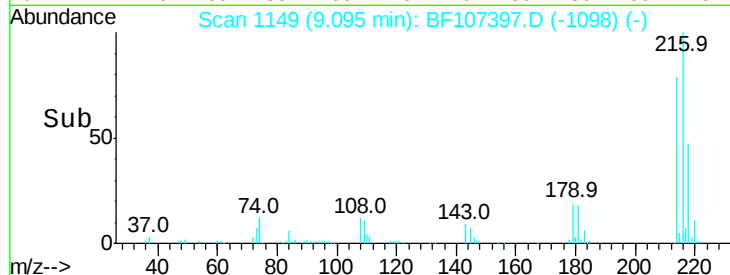
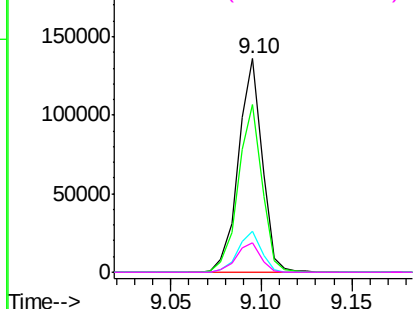
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 79.1  | 63.0       | 94.4  |
| 179     | 19.1  | 18.1       | 27.1  |
| 108     | 14.1  | 17.2       | 25.8# |

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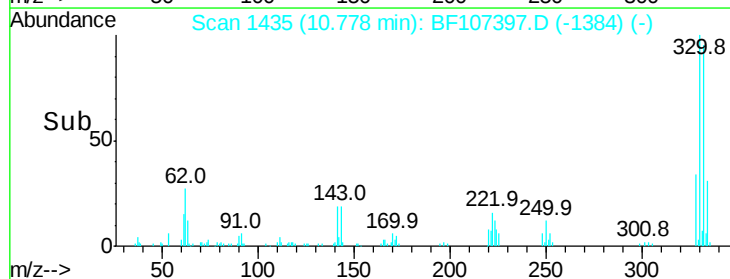
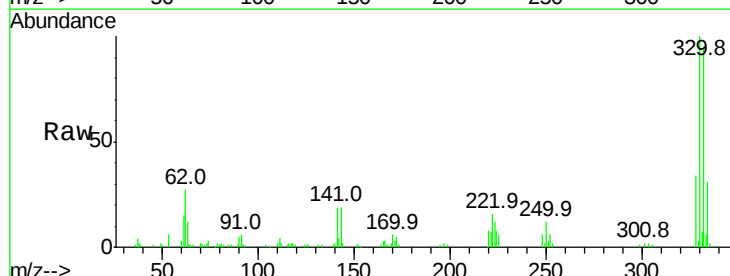
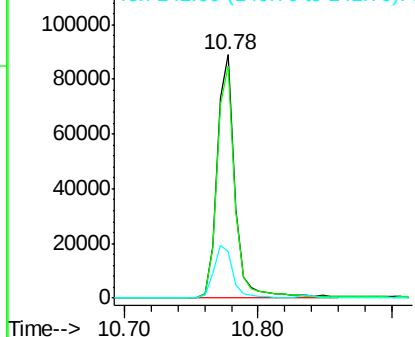
Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

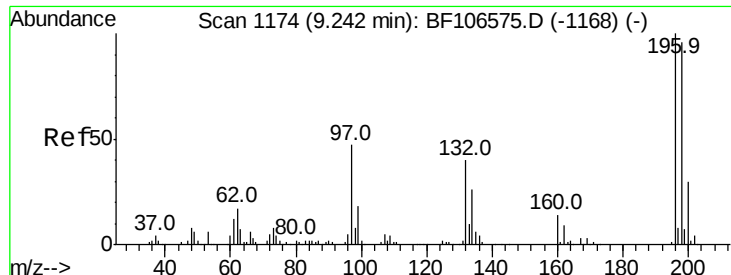


#41  
 2,4,6-Tribromophenol  
 Concen: 104.526 ng  
 RT: 10.78 min Scan# 1435  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 99.3  | 77.0       | 115.6 |
| 141     | 23.2  | 29.9       | 44.9# |

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





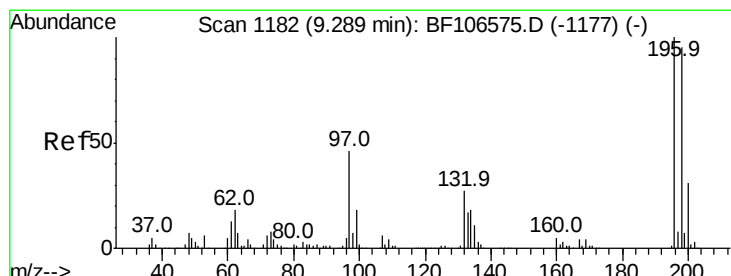
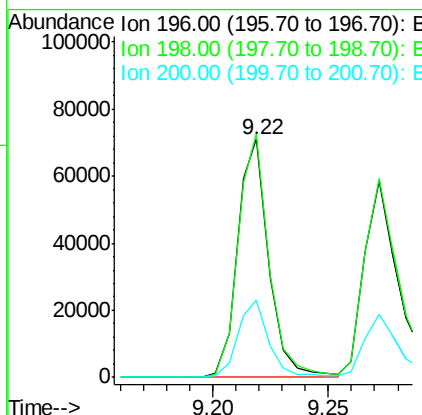
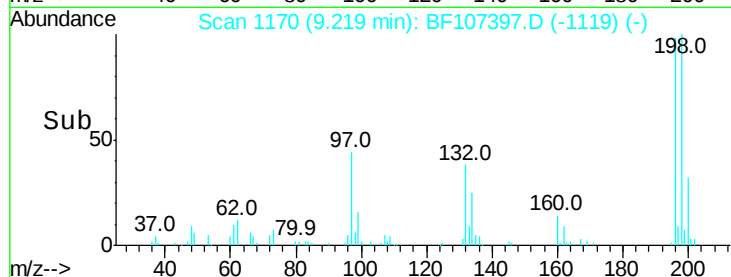
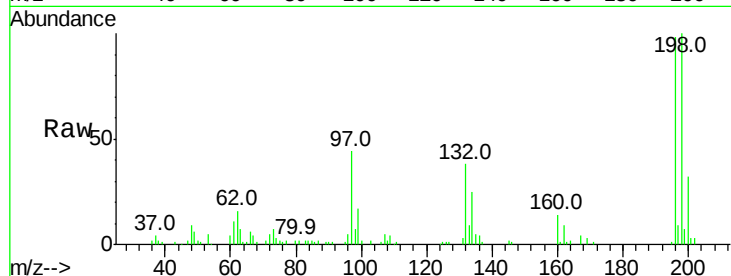
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.670 ng  
 RT: 9.22 min Scan# 1170  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB111110BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 196   | Resp: | 66774 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 102.1 | 75.7  | 113.5 |
| 200      | 32.7  | 24.5  | 36.7  |

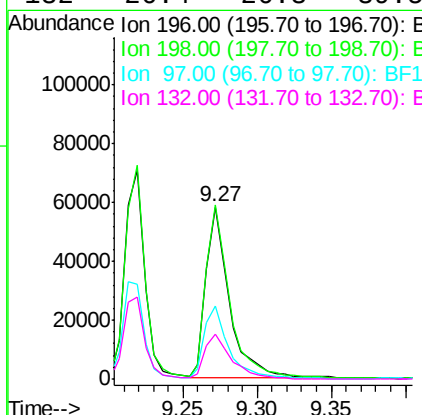
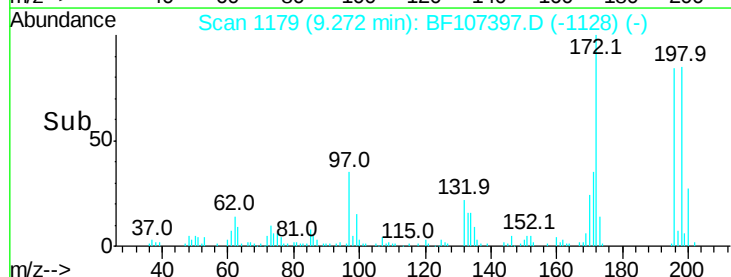
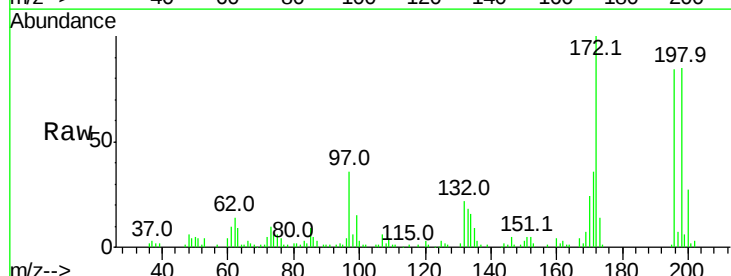
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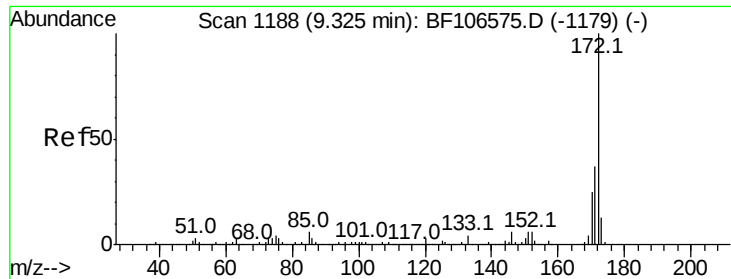
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#43  
 2,4,5-Trichlorophenol  
 Concen: 39.746 ng m  
 RT: 9.27 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 64903 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 101.4 | 74.6  | 112.0 |
| 97       | 42.7  | 42.9  | 64.3# |
| 132      | 26.4  | 26.3  | 39.5  |





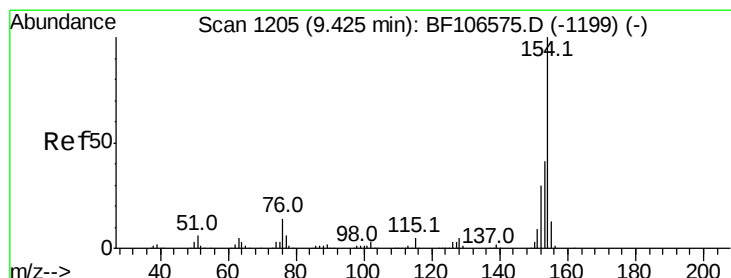
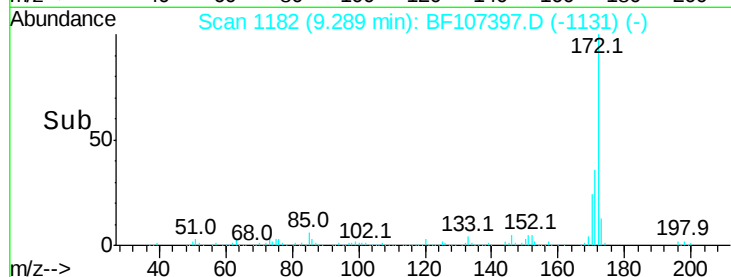
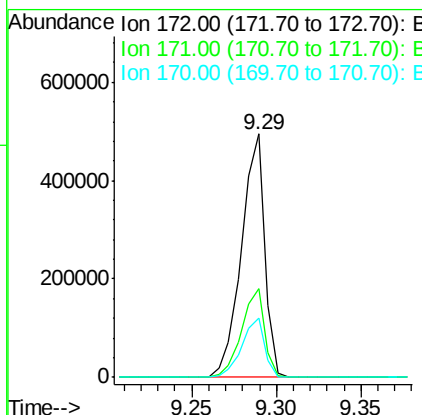
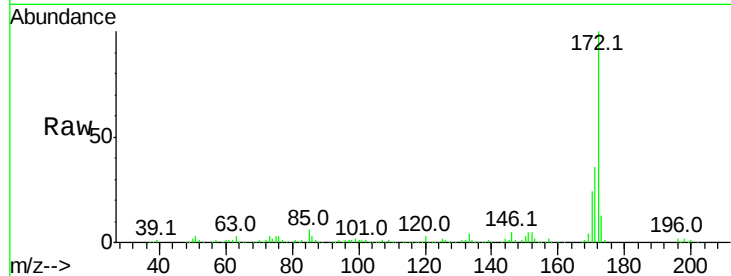
#44  
2-Fluorobiphenyl  
Concen: 121.869 ng  
RT: 9.29 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 476904 |       |       |
| 171     | 36.3  | 29.7   | 44.5  |       |
| 170     | 24.2  | 19.6   | 29.4  |       |

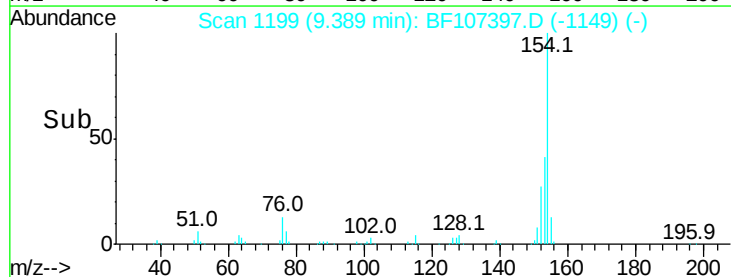
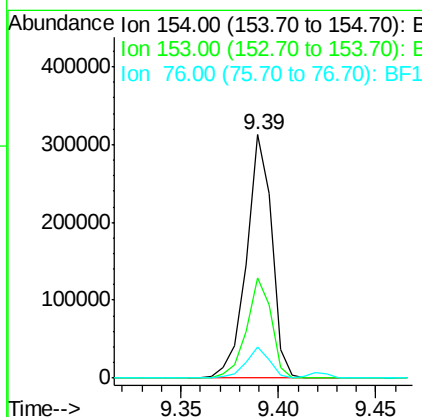
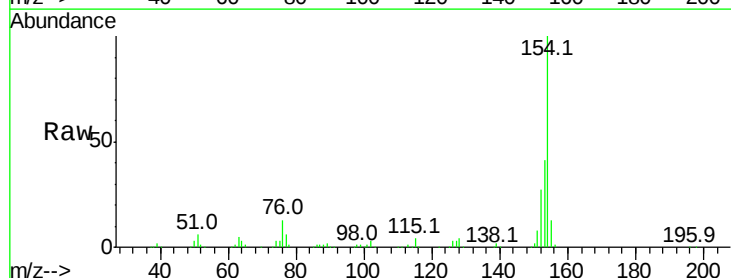
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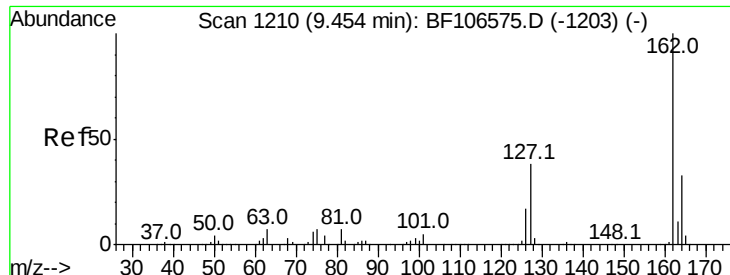
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#45  
1,1'-Biphenyl  
Concen: 50.245 ng  
RT: 9.39 min Scan# 1199  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 279930 |       |       |
| 153     | 41.3  | 21.3   | 61.3  |       |
| 76      | 12.7  | 0.0    | 34.0  |       |





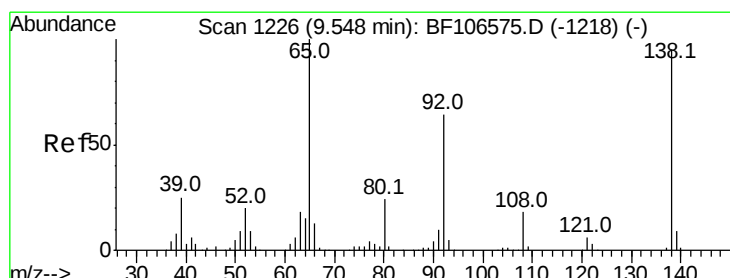
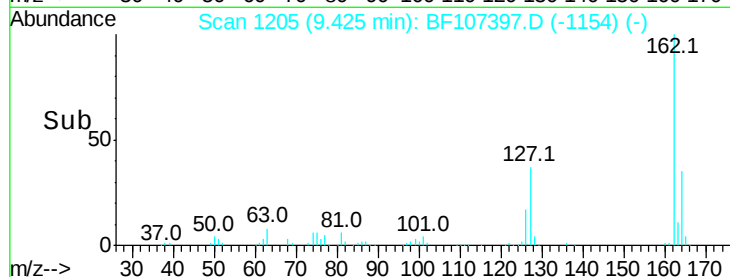
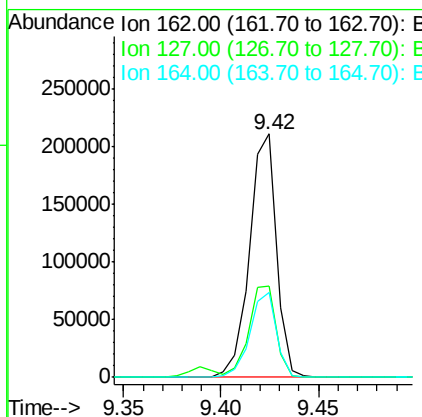
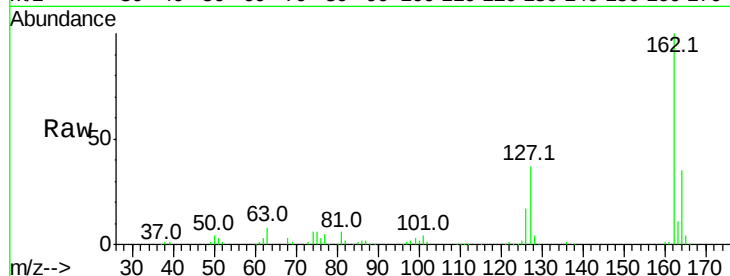
#46  
2-Chloronaphthalene  
Concen: 45.998 ng  
RT: 9.42 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 201718 |       |       |
| 127     | 37.3  |        | 33.9  | 50.9  |
| 164     | 35.0  |        | 26.5  | 39.7  |

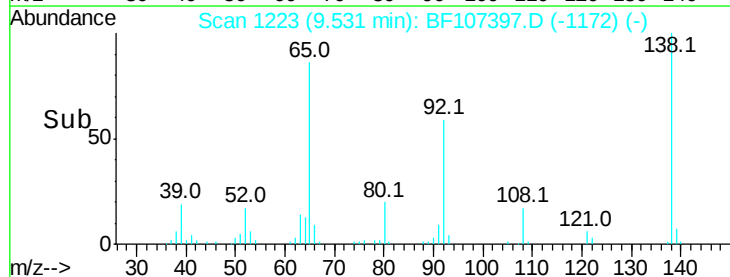
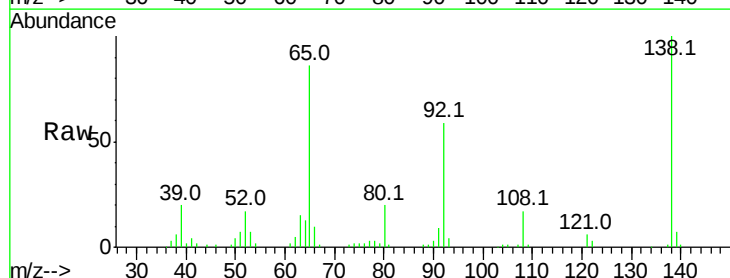
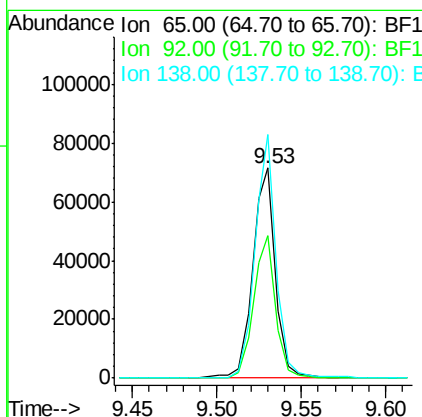
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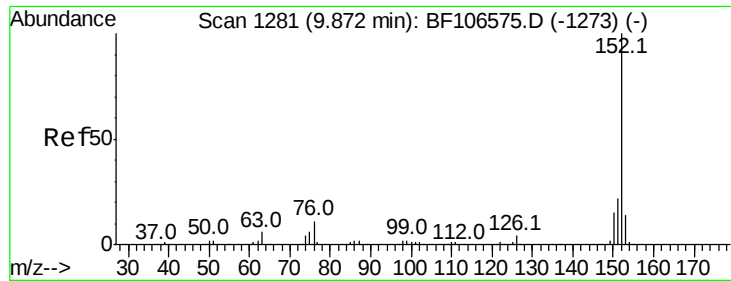
Sohil  
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#47  
2-Nitroaniline  
Concen: 45.376 ng  
RT: 9.53 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 66914 |       |       |
| 92      | 68.2  |       | 55.8  | 83.6  |
| 138     | 116.0 |       | 91.2  | 136.8 |





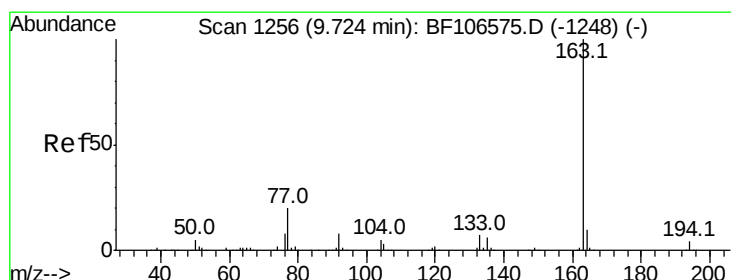
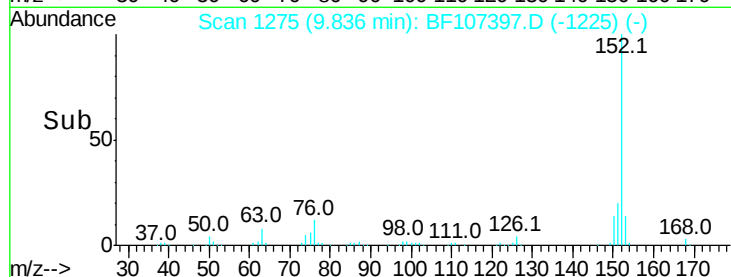
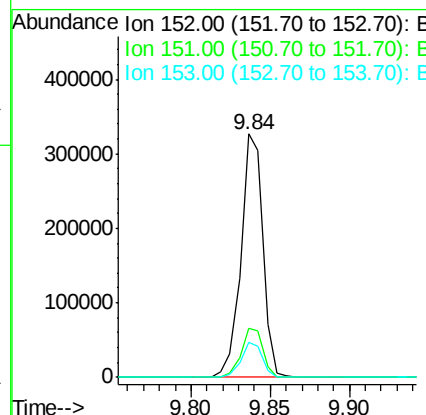
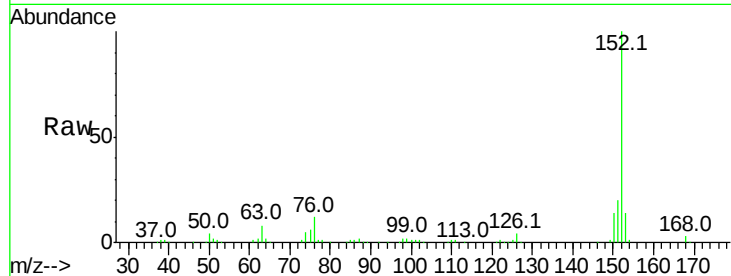
#48  
Acenaphthylene  
Concen: 45.057 ng  
RT: 9.84 min Scan# 1275  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 152     | 100   |      |       |       |
| 151     | 20.4  | 16.3 | 24.5  |       |
| 153     | 14.5  | 10.7 | 16.1  |       |

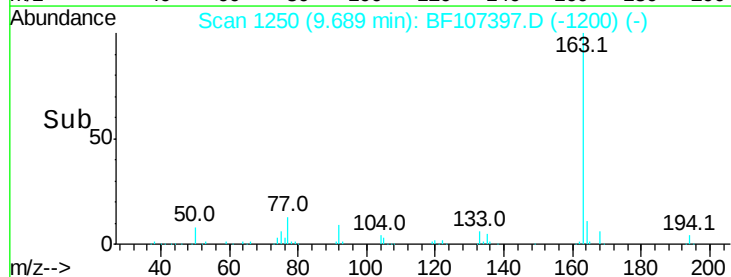
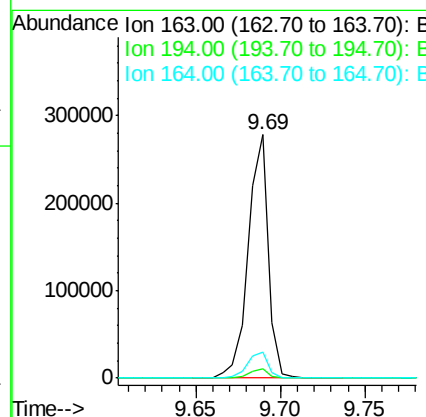
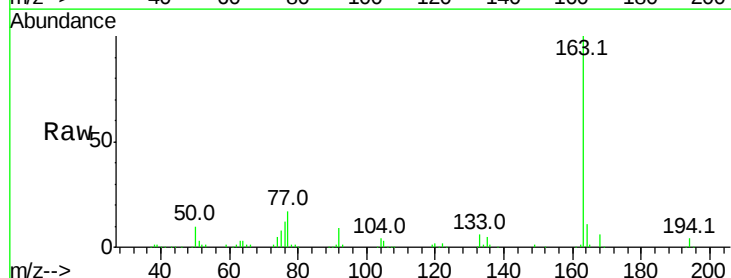
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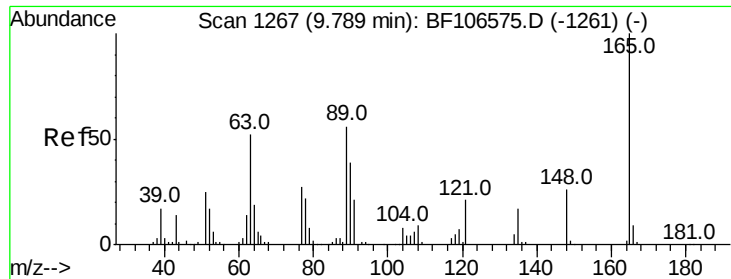
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#49  
Dimethylphthalate  
Concen: 43.988 ng  
RT: 9.69 min Scan# 1250  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 4.0   | 2.7  | 4.1   |       |
| 164     | 10.8  | 8.2  | 12.2  |       |





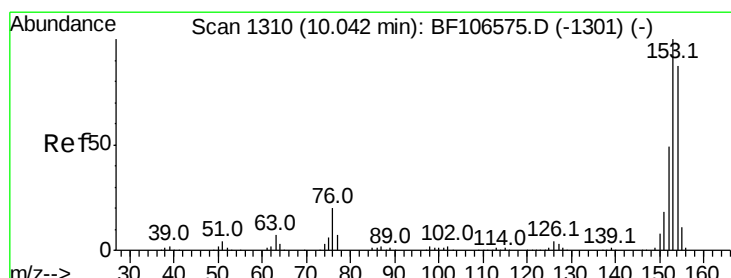
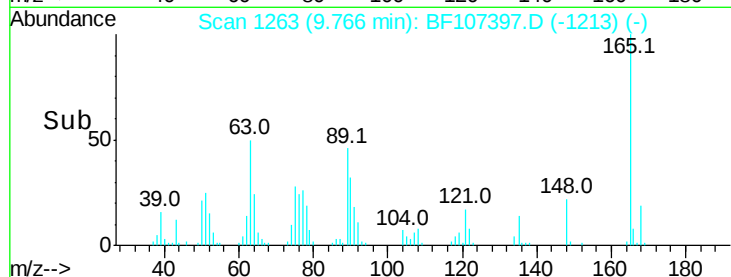
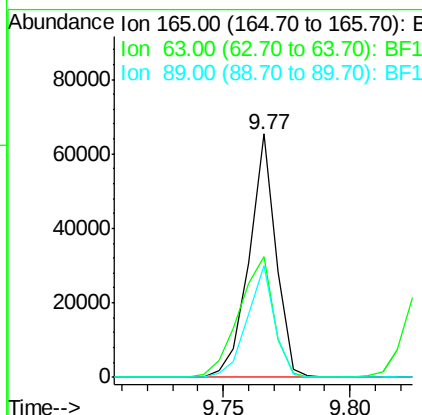
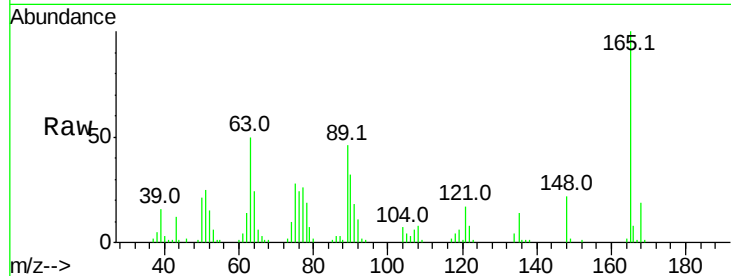
#50  
 2,6-Dinitrotoluene  
 Concen: 43.455 ng  
 RT: 9.77 min Scan# 1263  
 Delta R.T. -0.01 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB111110BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 48246 |       |       |
| 63      | 49.7  |       | 44.7  | 67.1  |
| 89      | 46.0  |       | 44.0  | 66.0  |

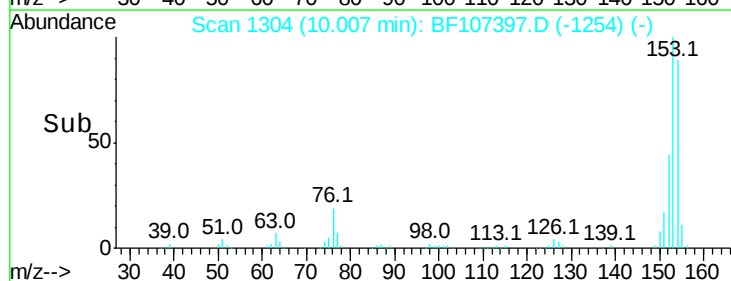
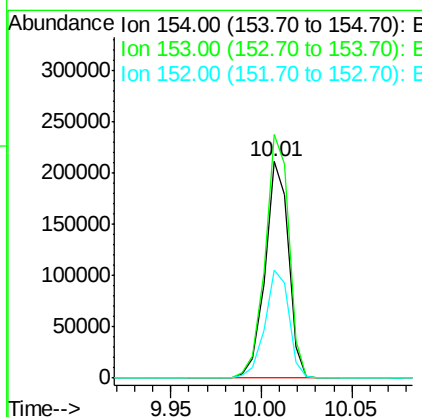
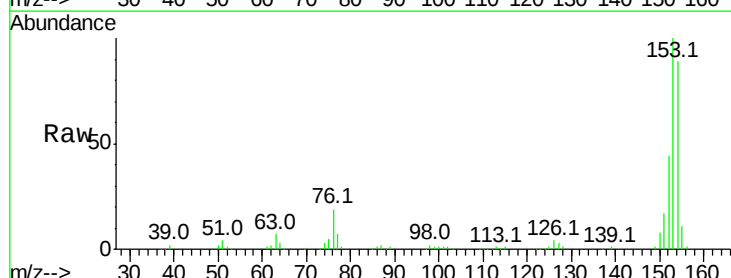
Manual Integrations  
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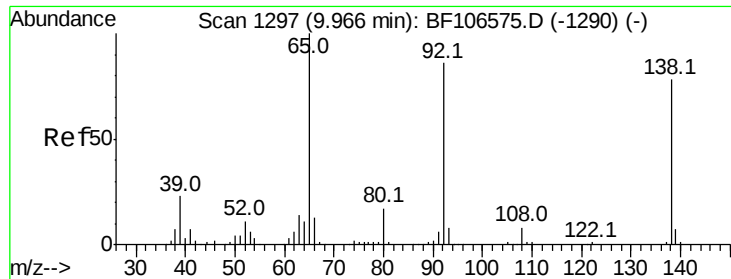
Sohil  
 7/16/2018 3:22:47 PM



#51  
 Acenaphthene  
 Concen: 43.682 ng  
 RT: 10.01 min Scan# 1304  
 Delta R.T. -0.01 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 190449 |       |       |
| 153     | 112.4 |        | 91.2  | 136.8 |
| 152     | 49.8  |        | 43.8  | 65.8  |





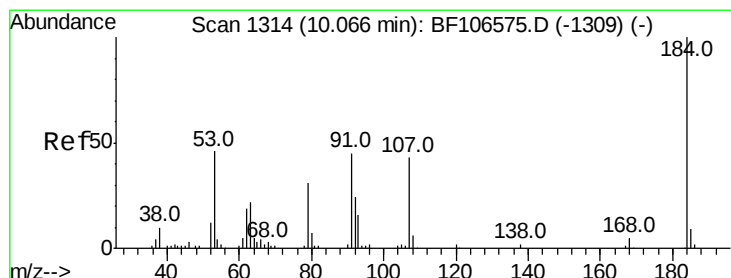
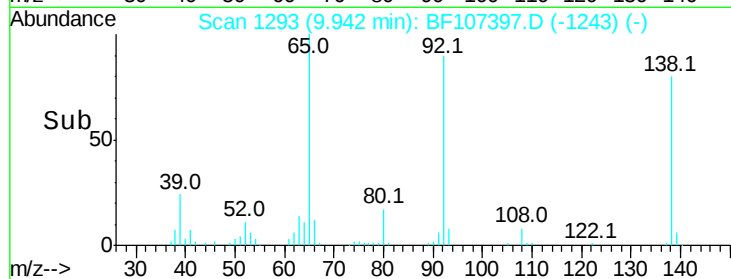
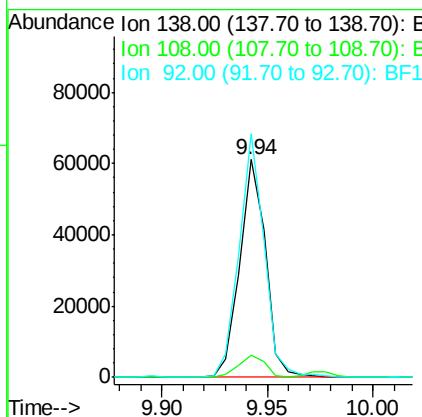
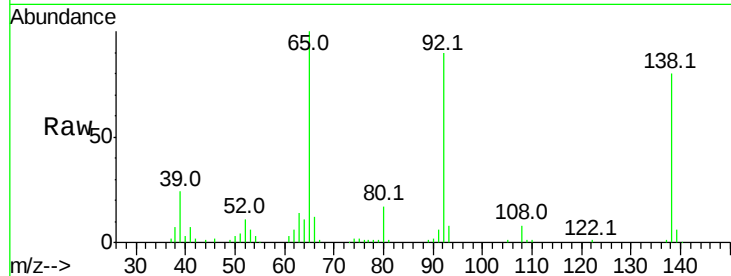
#52  
 3-Nitroaniline  
 Concen: 40.456 ng  
 RT: 9.94 min Scan# 1293  
 Delta R.T. -0.01 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.5  | 9.4   | 14.0  |
| 92      | 111.9 | 89.4  | 134.2 |

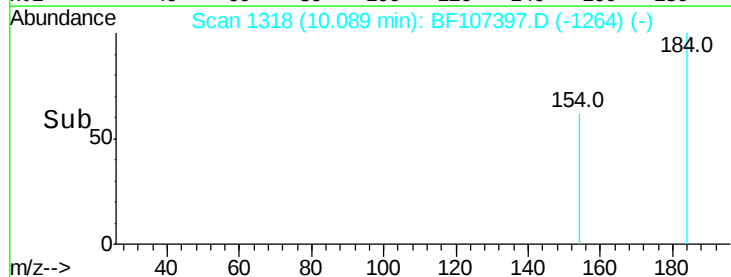
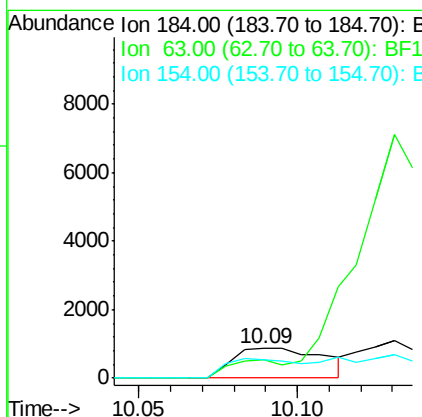
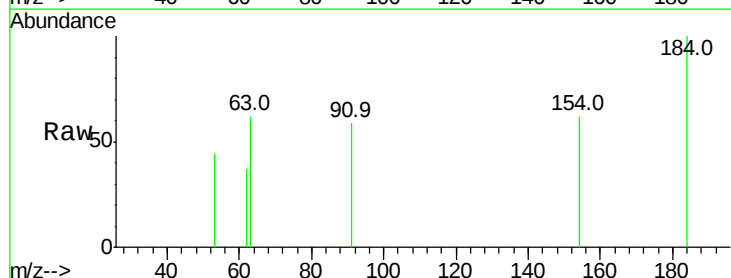
Manual Integrations  
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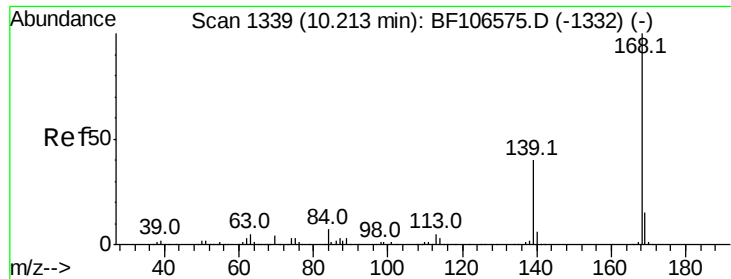
Sohil  
 7/16/2018 3:22:47 PM



#53  
 2,4-Dinitrophenol  
 Concen: 8.187 ng  
 RT: 10.09 min Scan# 1318  
 Delta R.T. 0.02 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 62.2  | 54.2  | 81.2   |
| 154     | 61.9  | 184.0 | 276.0# |





#54

Dibenzofuran

Concen: 48.344 ng

RT: 10.18 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

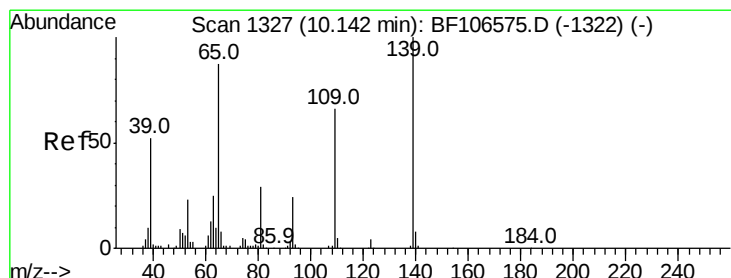
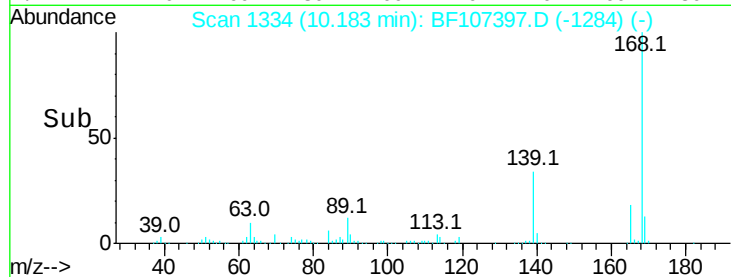
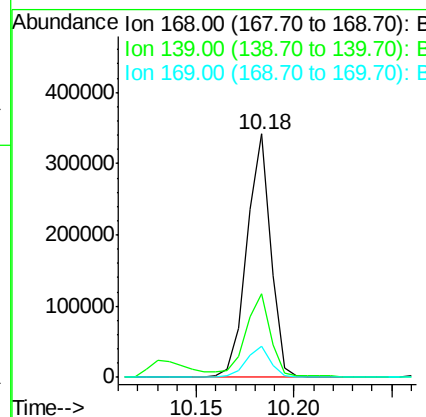
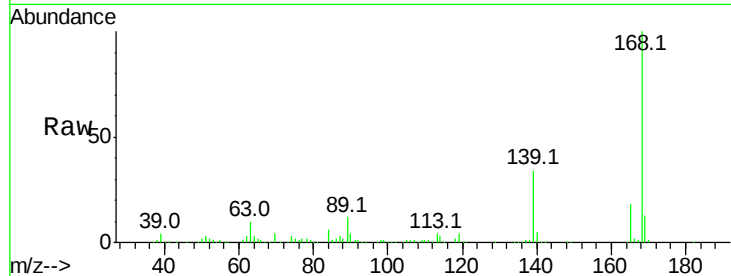
ClientSampleId :

PB111110BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 288616 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 34.2  | 30.1  | 45.1   |
| 169       | 13.1  | 10.9  | 16.3   |

Manual Integrations  
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#55

4-Nitrophenol

Concen: 40.145 ng

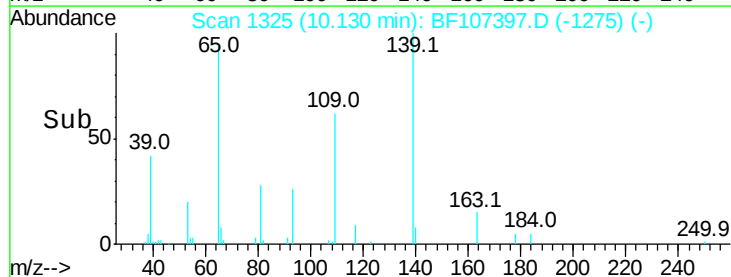
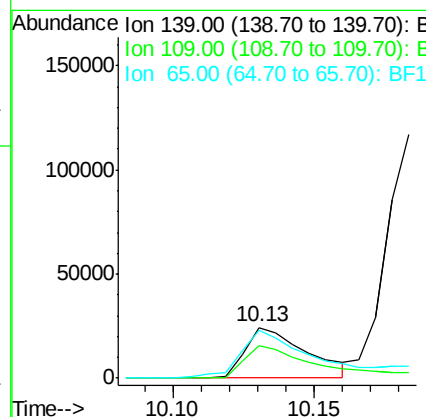
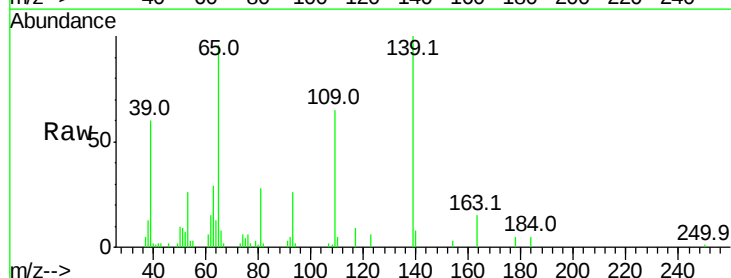
RT: 10.13 min Scan# 1325

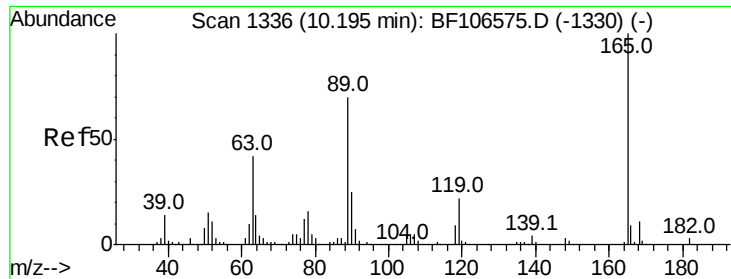
Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 35801 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 65.5  | 48.4  | 88.4  |
| 65        | 95.5  | 72.6  | 112.6 |





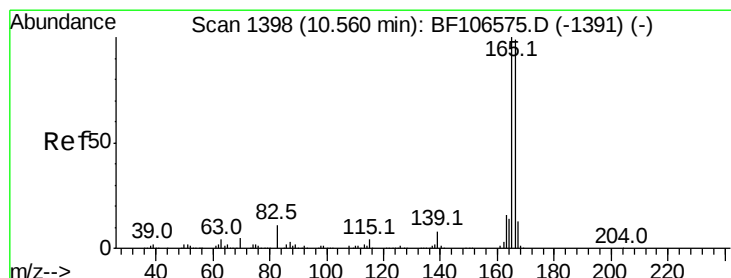
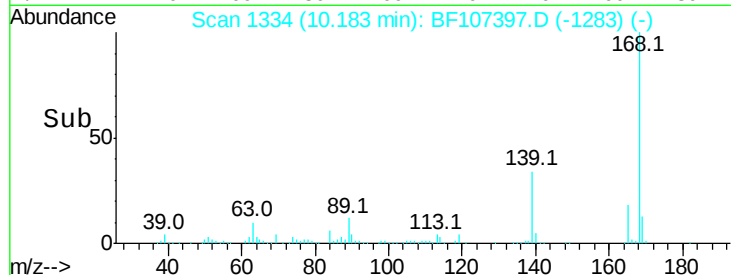
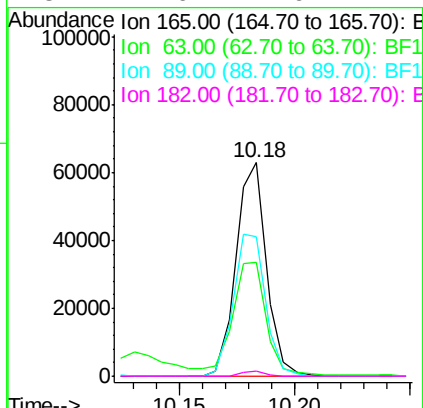
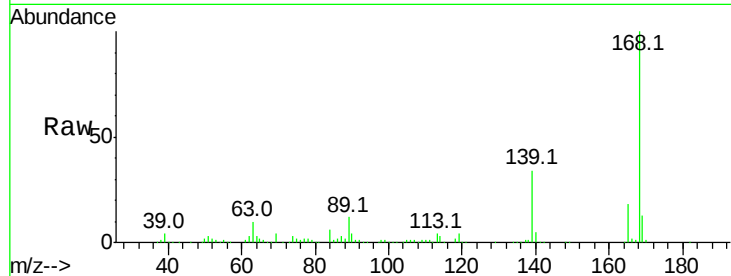
#56  
2,4-Dinitrotoluene  
Concen: 39.841 ng  
RT: 10.18 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampled :  
PB111110BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 57737 |       |       |
| 63      | 53.3  | 36.4  | 54.6  |       |
| 89      | 65.3  | 57.8  | 86.6  |       |
| 182     | 2.6   | 1.6   | 2.4   |       |

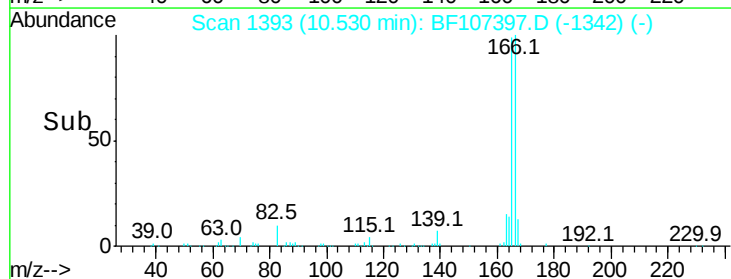
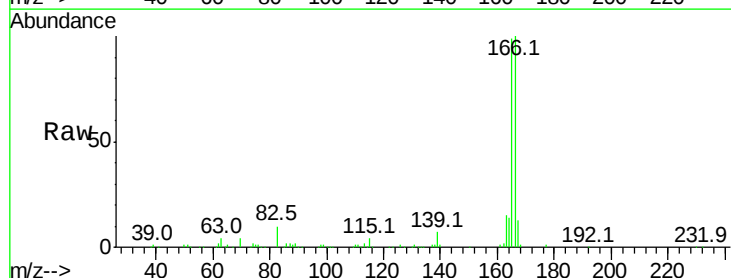
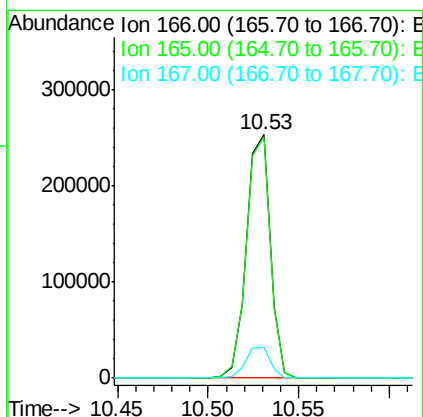
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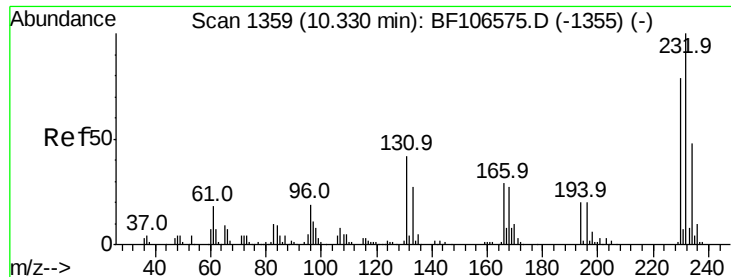
Sohil  
7/16/2018 3:22:47 PM



#57  
Fluorene  
Concen: 48.950 ng  
RT: 10.53 min Scan# 1393  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 231895 |       |       |
| 165     | 99.2  | 79.8   | 119.8 |       |
| 167     | 13.0  | 10.6   | 16.0  |       |





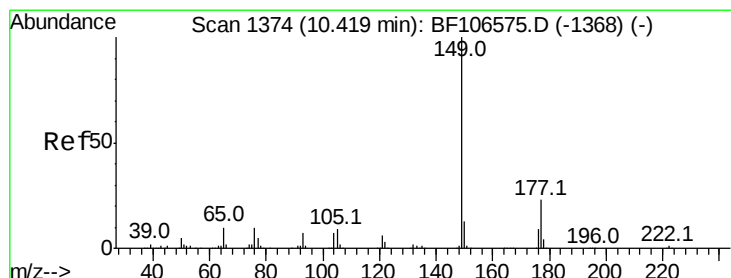
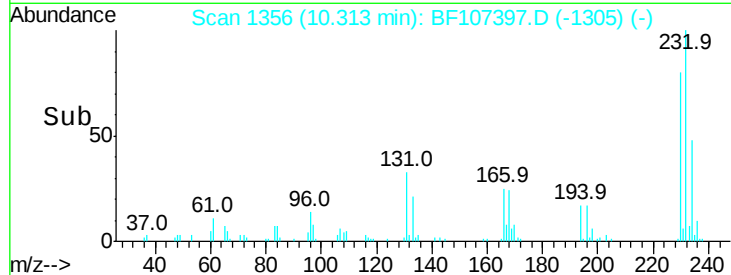
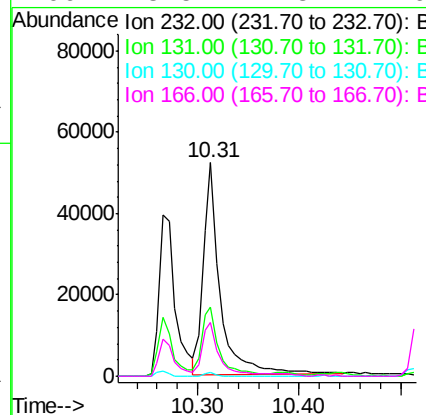
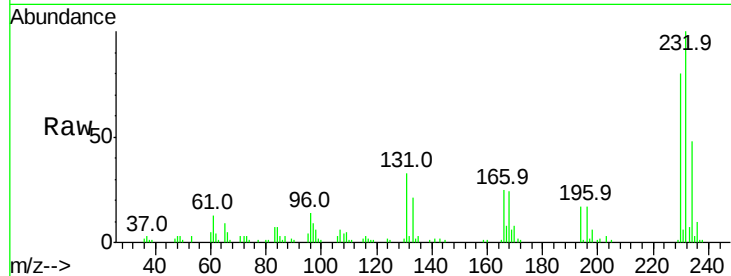
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.485 ng  
 RT: 10.31 min Scan# 1356  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 34.3  | 43.8  | 65.8# |
| 130     | 1.1   | 2.1   | 3.1#  |
| 166     | 23.5  | 27.8  | 41.6# |

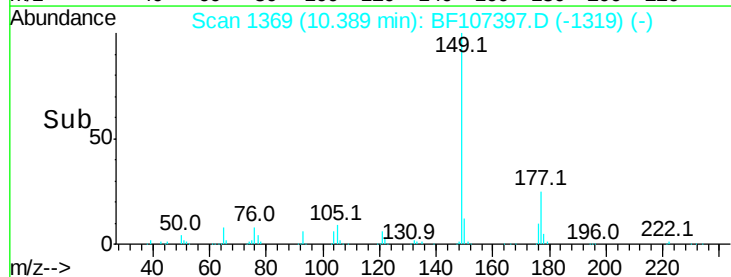
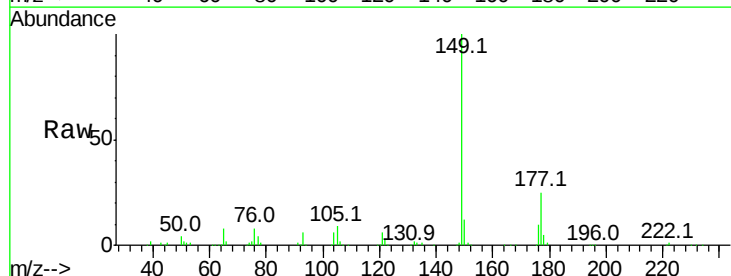
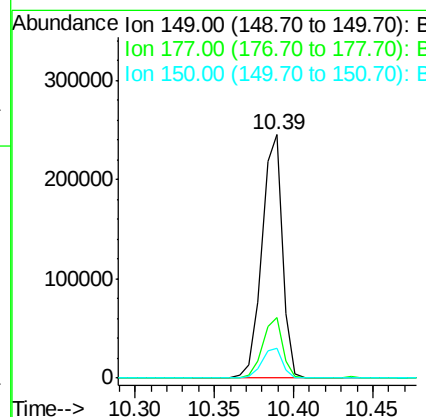
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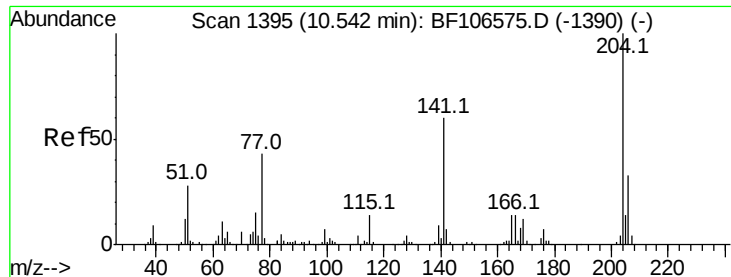
Sohil  
 7/16/2018 3:22:47 PM



#59  
 Diethylphthalate  
 Concen: 43.827 ng  
 RT: 10.39 min Scan# 1369  
 Delta R.T. -0.01 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.0  | 16.1  | 24.1# |
| 150     | 12.5  | 10.1  | 15.1  |





#60

4-Chlorophenyl-phenylether

Concen: 48.824 ng

RT: 10.51 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

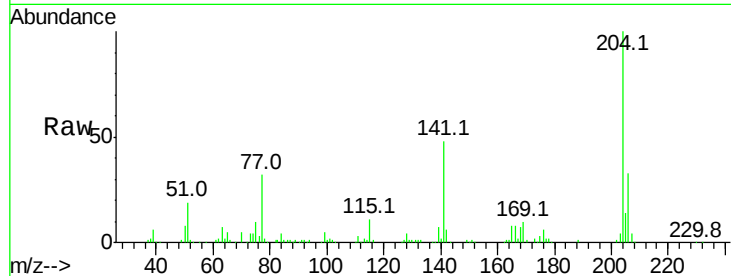
ClientSampled :

PB111110BS

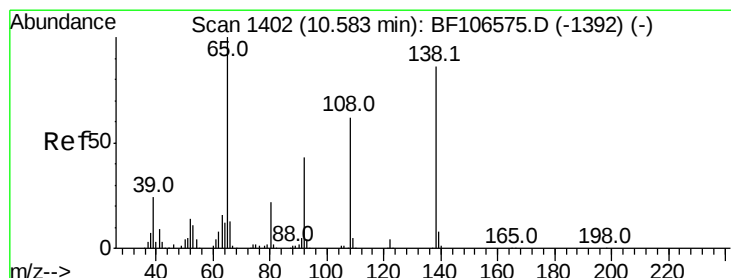
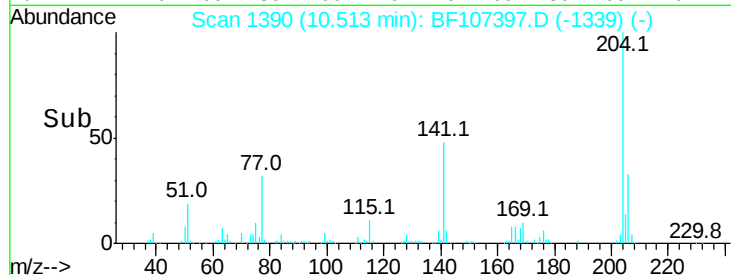
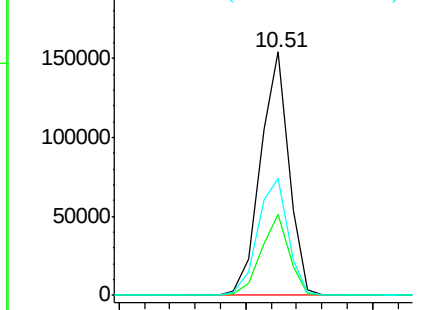
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 204  | Resp: | 121023 |
| Ion Ratio |      | Lower | Upper  |
| 204       | 100  |       |        |
| 206       | 33.1 | 26.5  | 39.7   |
| 141       | 47.8 | 54.6  | 81.8#  |

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Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 46.002 ng

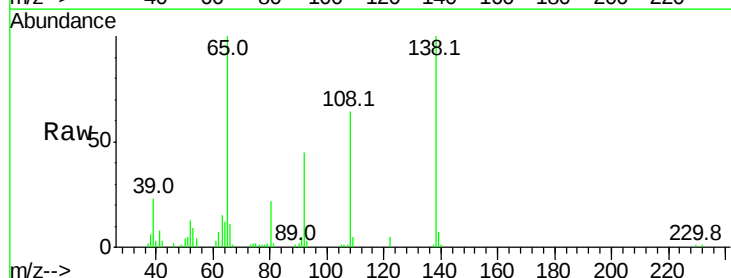
RT: 10.57 min Scan# 1399

Delta R.T. -0.01 min

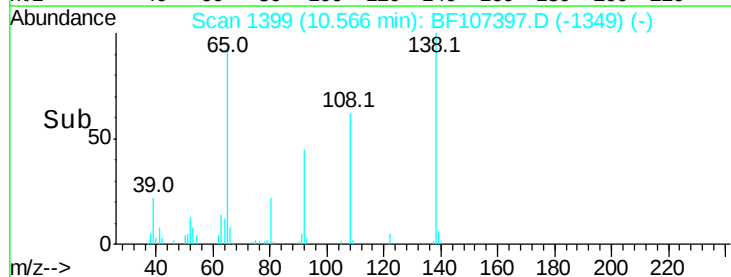
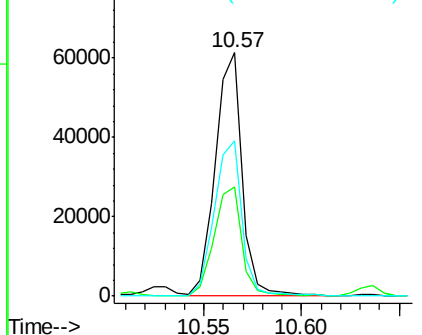
Lab File: BF107397.D

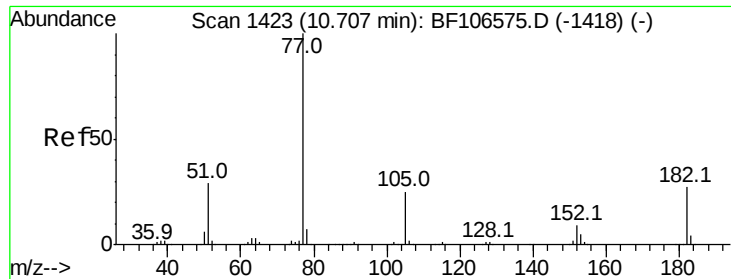
Acq: 14 Jul 2018 5:47

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 138  | Resp: | 58328 |
| Ion Ratio |      | Lower | Upper |
| 138       | 100  |       |       |
| 92        | 44.7 | 30.2  | 70.2  |
| 108       | 63.7 | 52.5  | 92.5  |



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





#62

Azobenzene

Concen: 42.586 ng

RT: 10.68 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

ClientSampleId :

PB111110BS

Tot Ion: 77 Resp: 212218

Ion Ratio Lower Upper

77 100

182 31.4 1.7 41.7

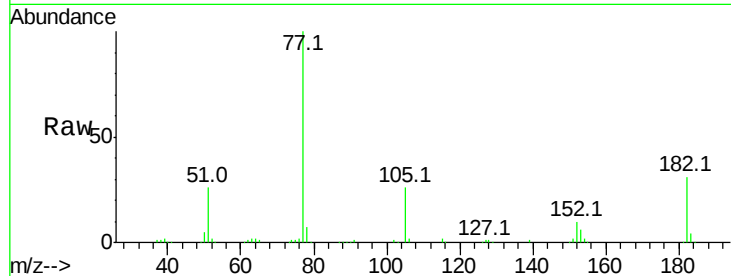
105 25.8 3.0 43.0

51 26.3 9.9 49.9

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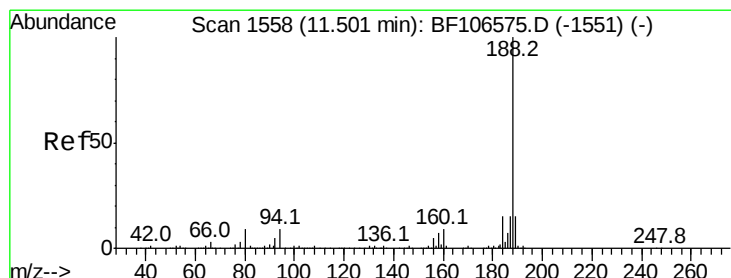
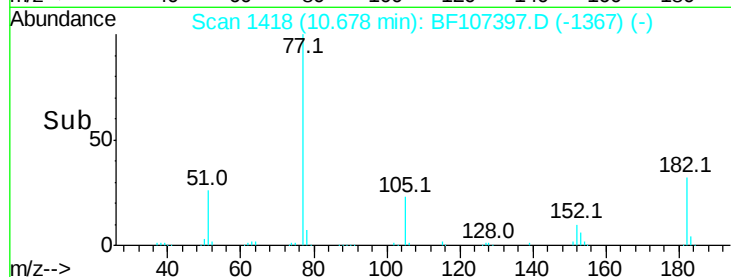
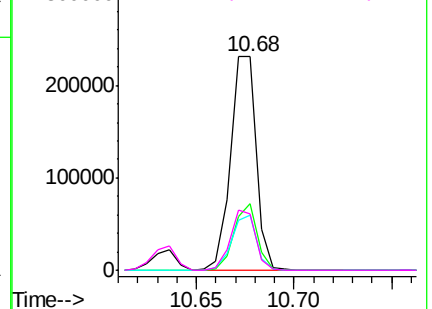


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

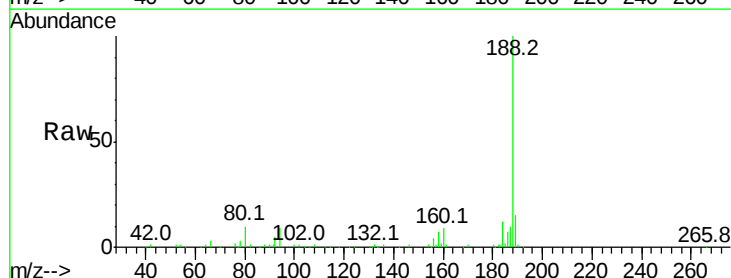
Tgt Ion: 188 Resp: 148019

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

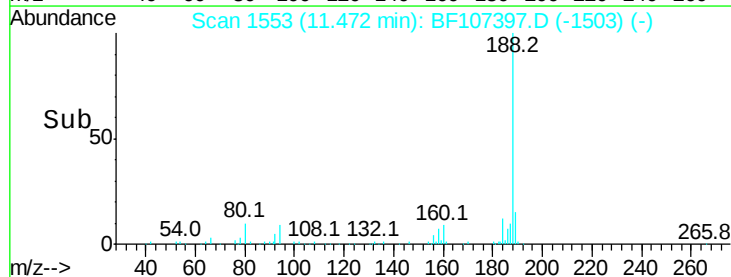
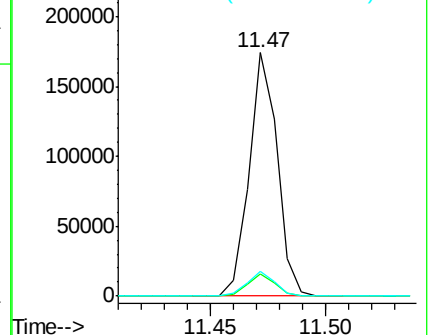
80 10.1 9.2 13.8

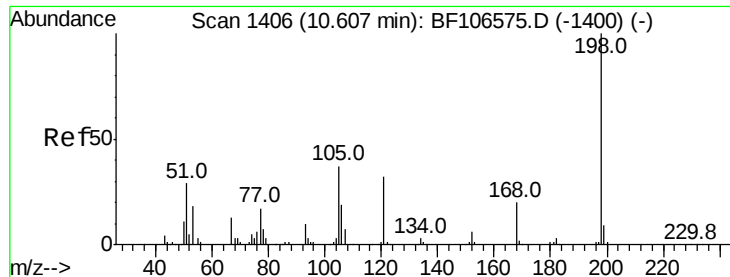


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 4.206 ng

RT: 10.60 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

ClientSampleId :

PB111110BS

Tot Ion:198 Resp: 3848

Ion Ratio Lower Upper

198 100

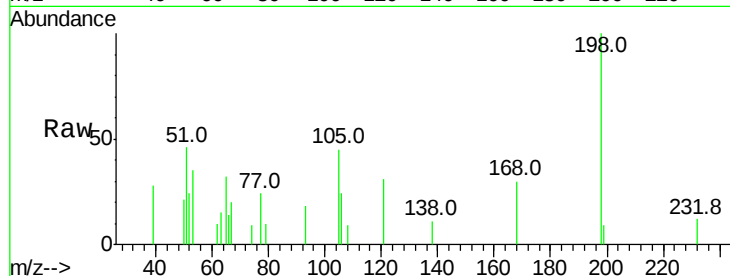
51 45.5 37.7 77.7

105 44.7 36.3 76.3

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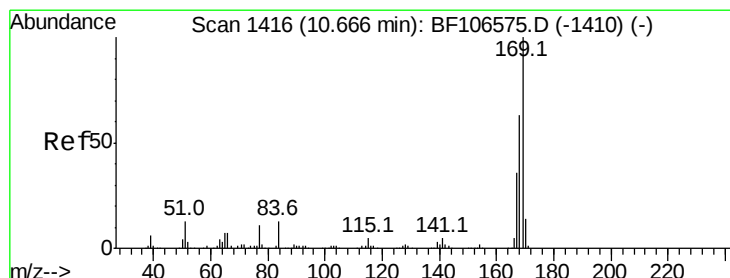
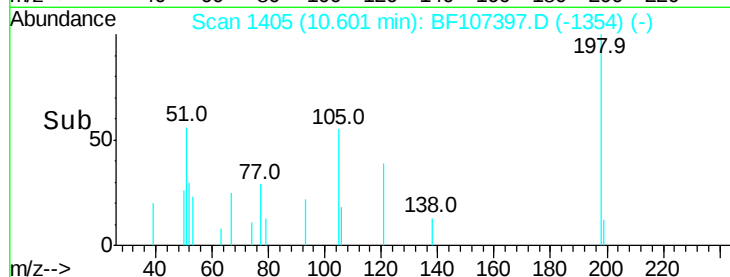
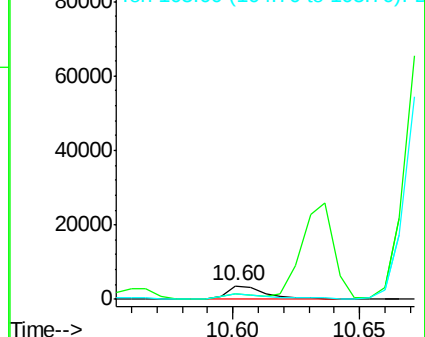
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.458 ng

RT: 10.64 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

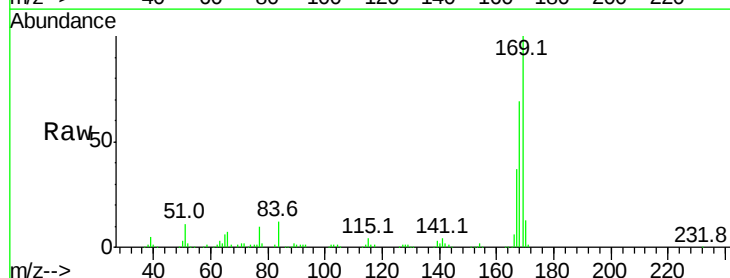
Tgt Ion:169 Resp: 196448

Ion Ratio Lower Upper

169 100

168 69.4 54.4 81.6

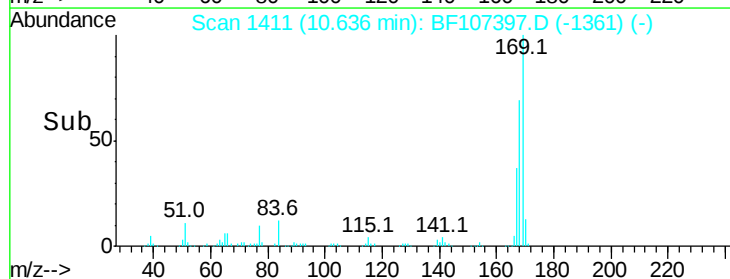
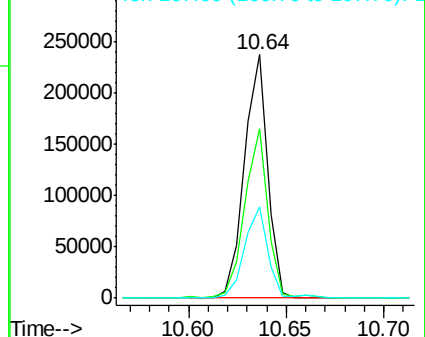
167 37.3 29.8 44.6

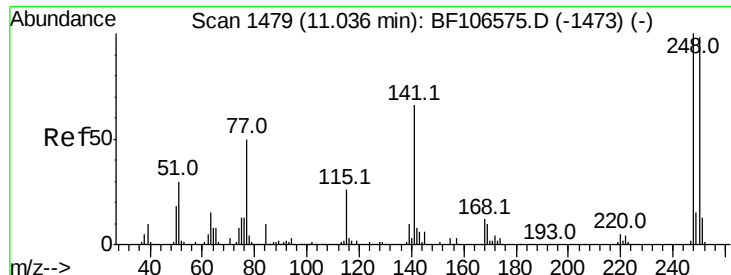


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





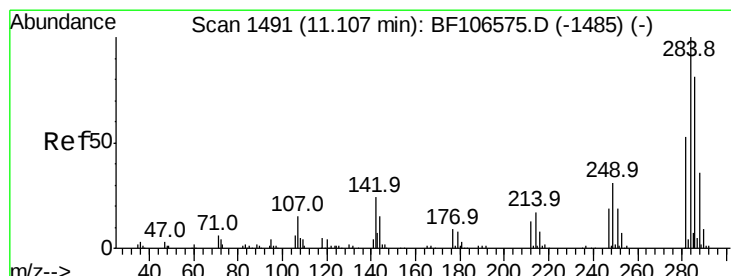
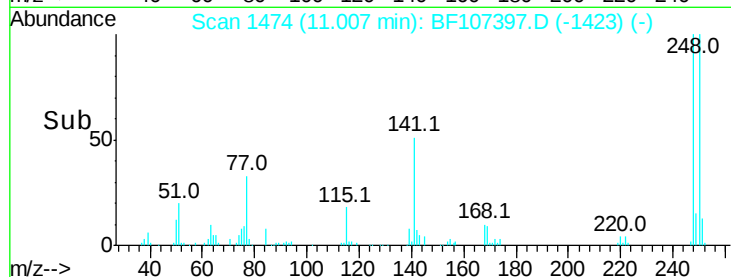
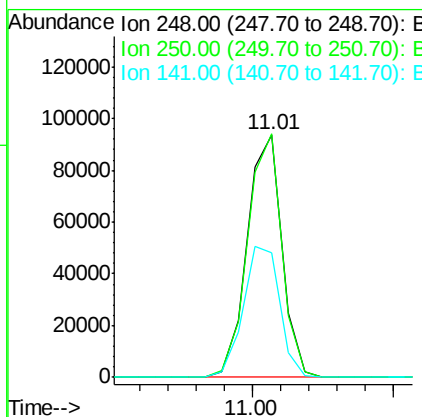
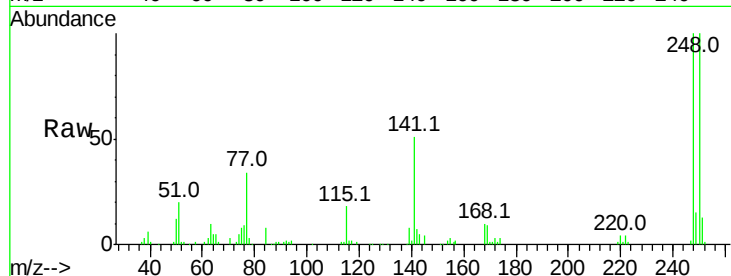
#66  
 4-Bromophenyl-phenylether  
 Concen: 45.204 ng  
 RT: 11.01 min Scan# 1474  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB111110BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 100.2 | 76.9  | 115.3  |
| 141     | 51.2  | 74.4  | 111.6# |

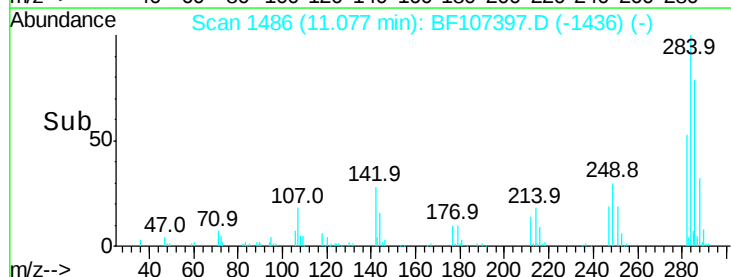
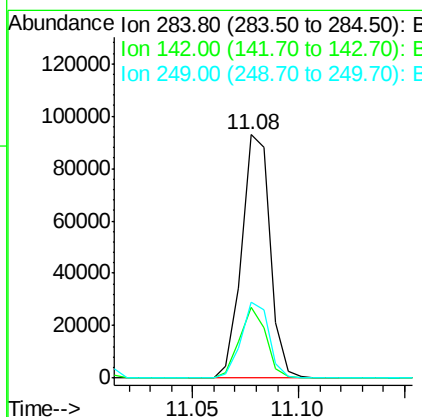
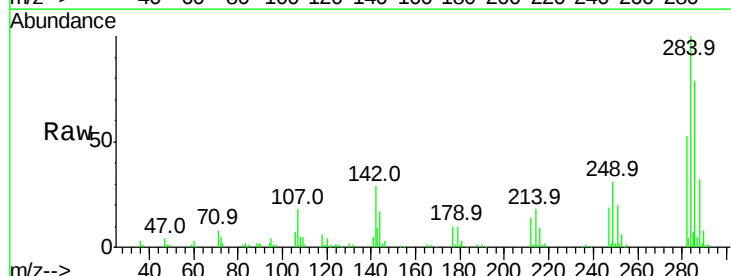
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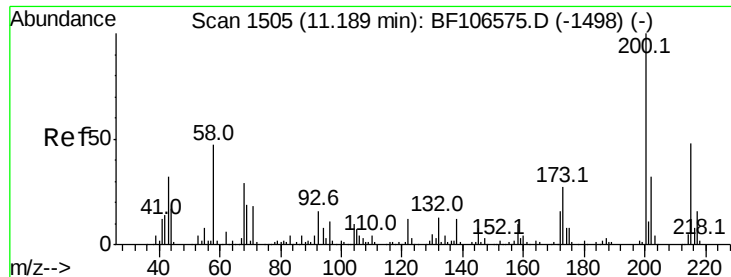
Sohil  
 7/16/2018 3:22:47 PM



#67  
 Hexachlorobenzene  
 Concen: 46.878 ng  
 RT: 11.08 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.0  | 34.6  | 52.0# |
| 249     | 31.1  | 24.8  | 37.2  |





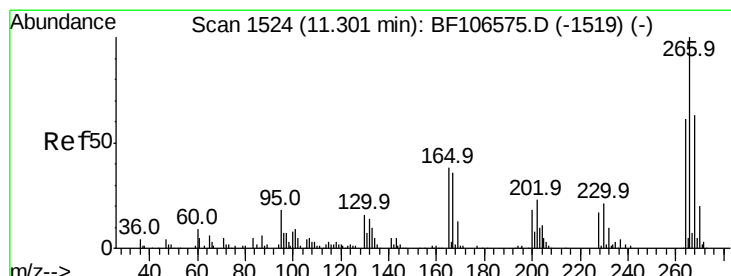
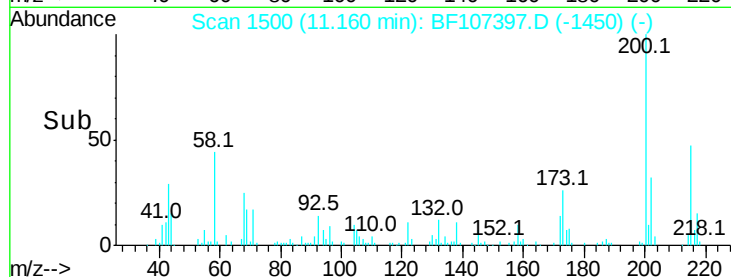
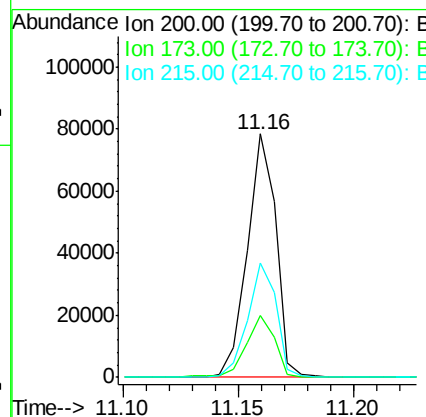
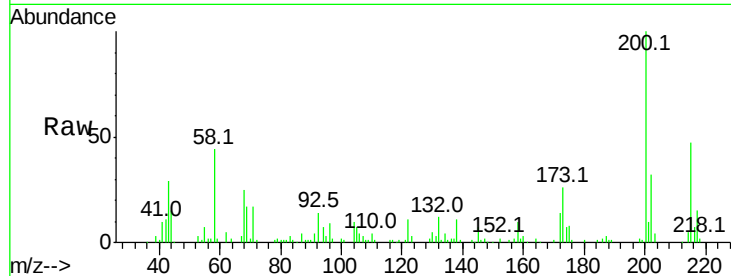
#68  
Atrazine  
Concen: 42.920 ng  
RT: 11.16 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.7  | 8.6   | 48.6  |
| 215     | 47.2  | 25.1  | 65.1  |

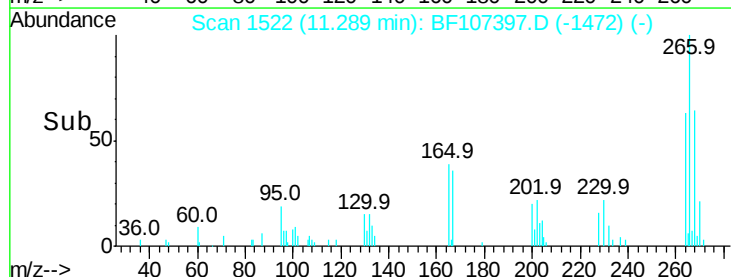
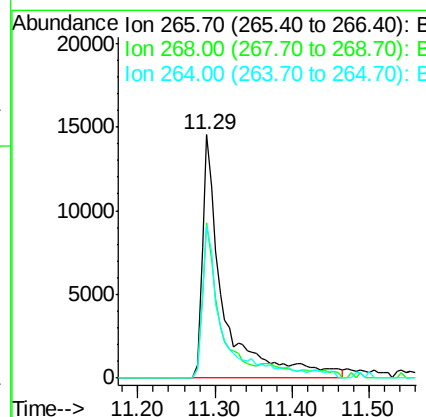
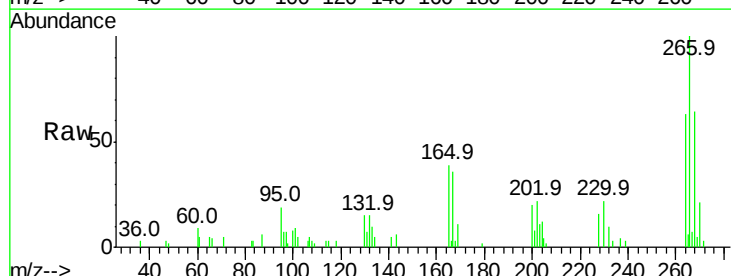
Manual Integrations  
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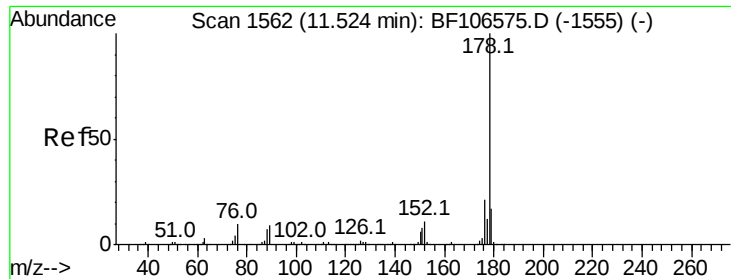
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7/16/2018 3:22:47 PM



#69  
Pentachlorophenol  
Concen: 30.032 ng m  
RT: 11.29 min Scan# 1522  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.0  | 51.1  | 76.7  |
| 264     | 62.9  | 49.5  | 74.3  |





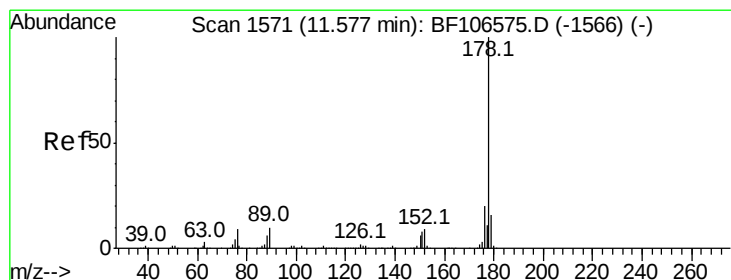
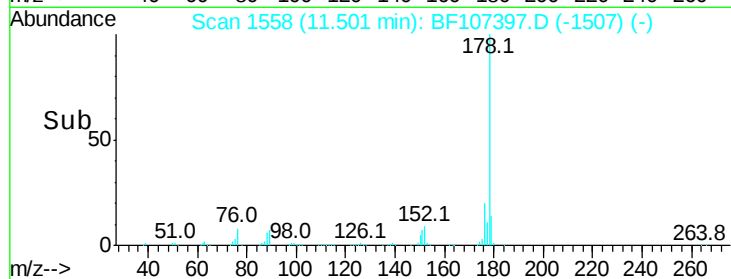
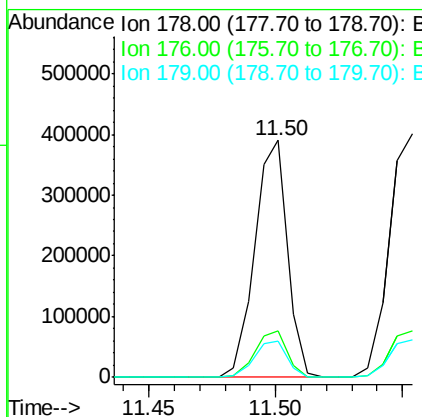
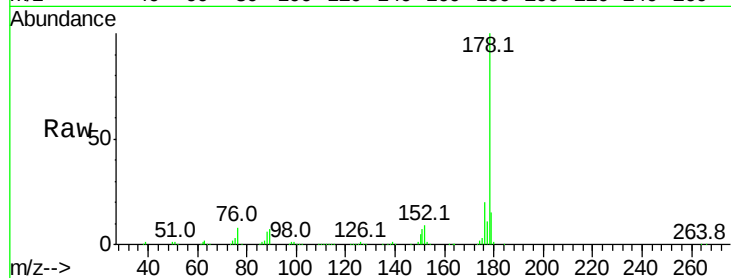
#70  
Phenanthrene  
Concen: 49.344 ng  
RT: 11.50 min Scan# 1558  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.8  | 23.8  |
| 179     | 15.3  | 13.0  | 19.6  |

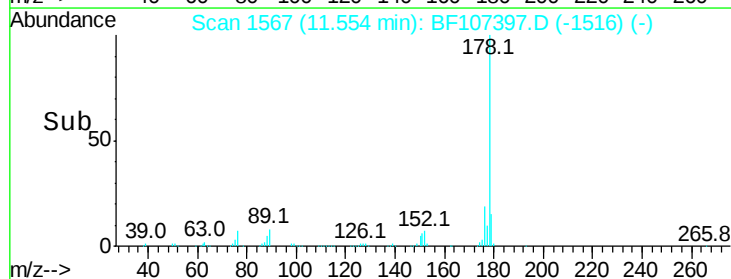
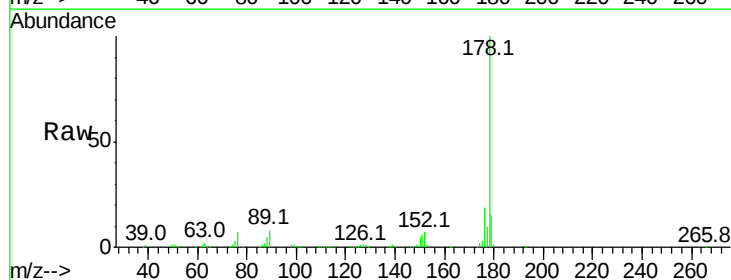
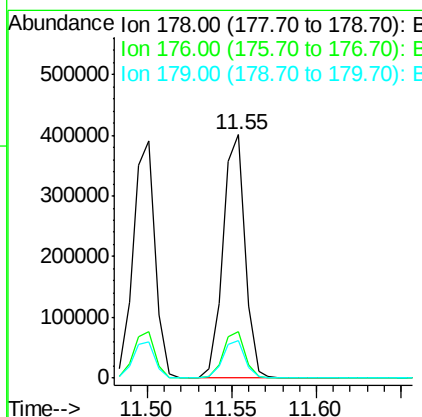
Manual Integrations  
APPROVED

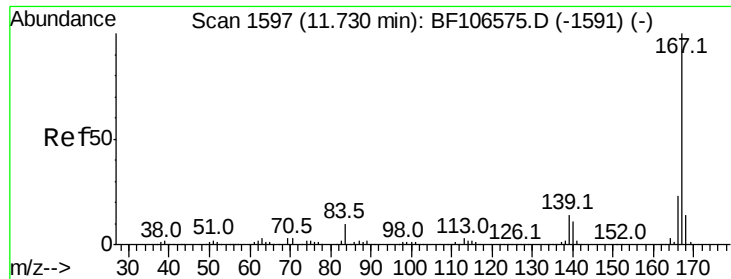
Sohil  
7/16/2018 3:22:47 PM



#71  
Anthracene  
Concen: 50.060 ng  
RT: 11.55 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.4  | 23.2  |
| 179     | 15.3  | 12.6  | 19.0  |





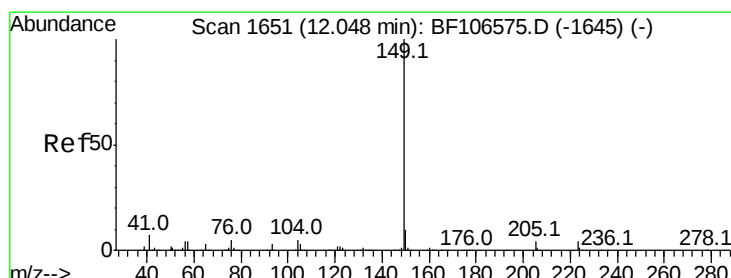
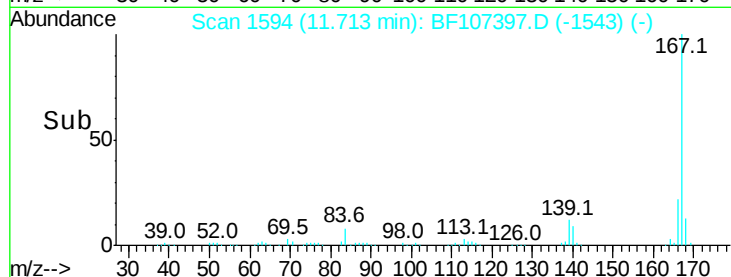
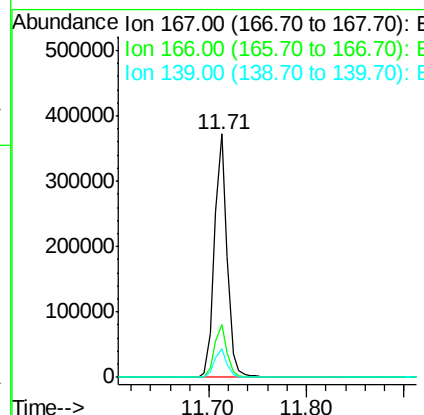
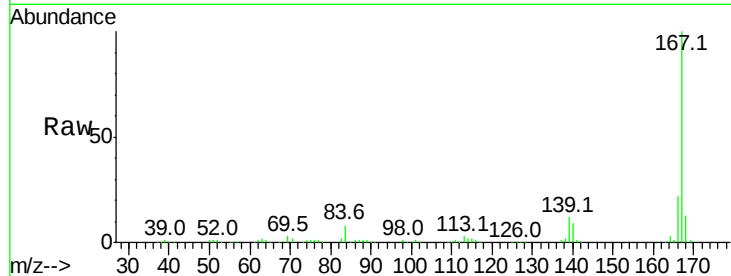
#72  
 Carbazole  
 Concen: 48.791 ng  
 RT: 11.71 min Scan# 1594  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB111110BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 167     | 100   |      |       |       |
| 166     | 21.9  | 17.6 | 26.4  |       |
| 139     | 11.8  | 10.9 | 16.3  |       |

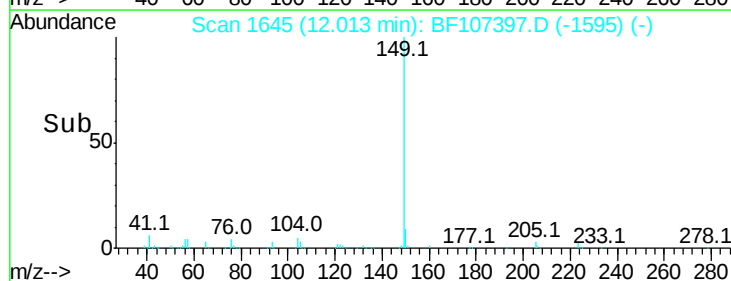
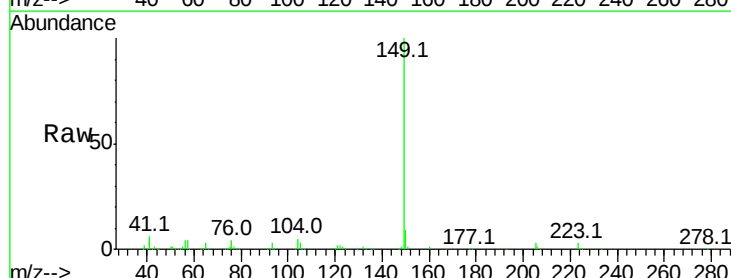
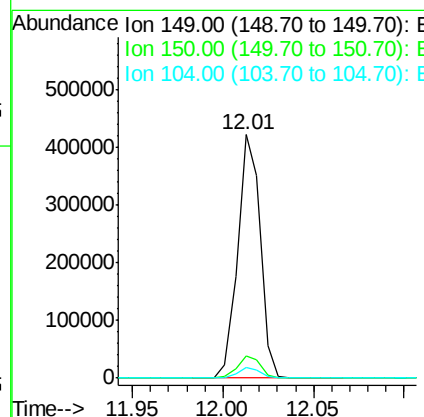
Manual Integrations  
 APPROVED

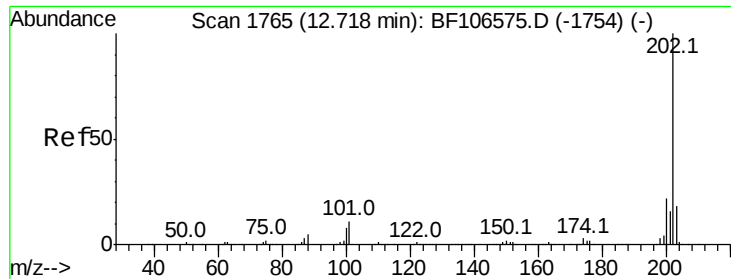
Sohil  
 7/16/2018 3:22:47 PM



#73  
 Di-n-butylphthalate  
 Concen: 45.561 ng  
 RT: 12.01 min Scan# 1645  
 Delta R.T. -0.01 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

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





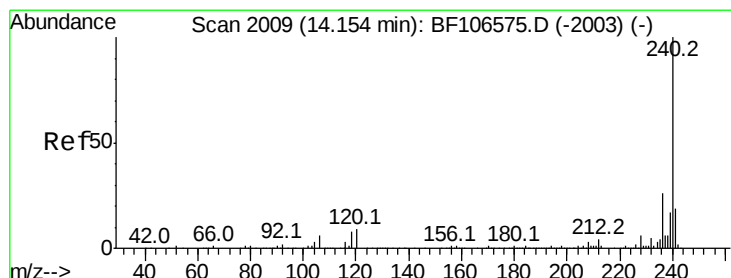
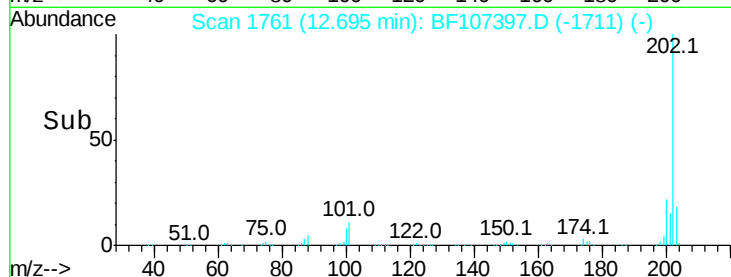
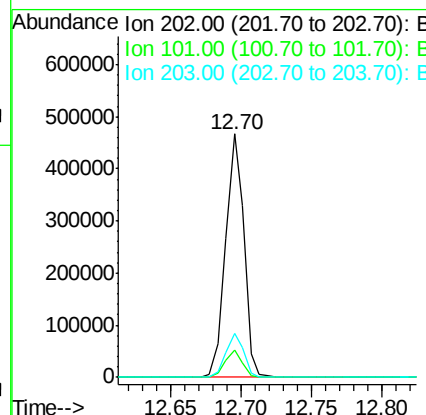
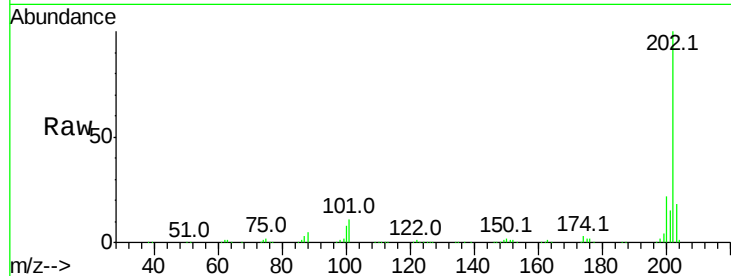
#74  
Fluoranthene  
Concen: 53.368 ng  
RT: 12.70 min Scan# 1761  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 11.0  | 0.0        | 34.1  |
| 203     | 17.9  | 0.0        | 38.1  |

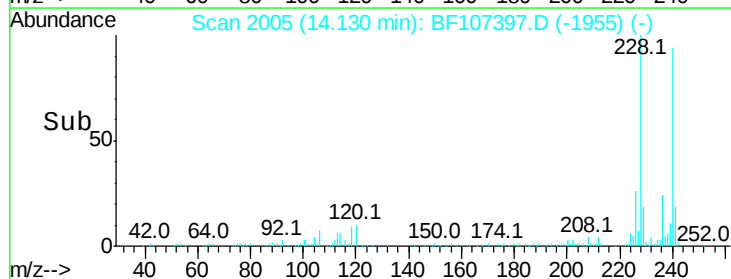
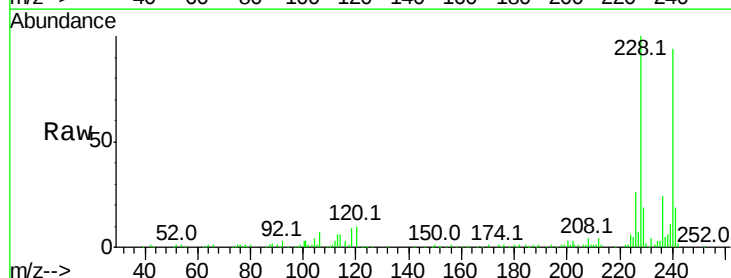
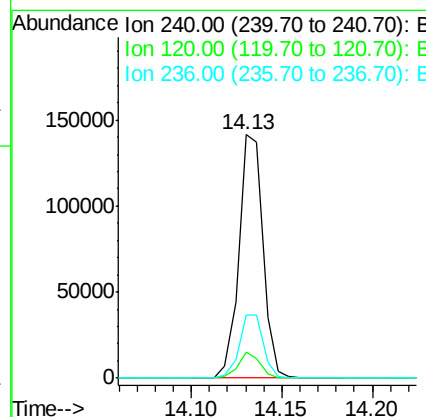
Manual Integrations  
APPROVED

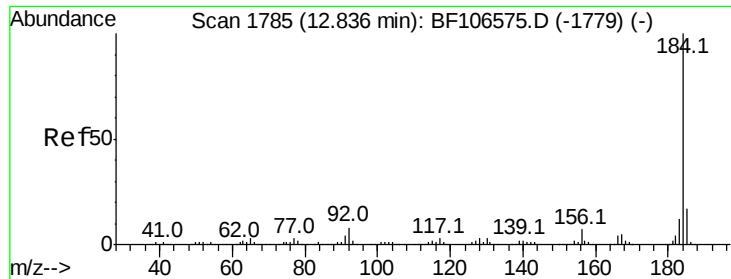
Sohil  
7/16/2018 3:22:47 PM



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.13 min Scan# 2005  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 10.9  | 9.5        | 14.3  |
| 236     | 25.9  | 20.7       | 31.1  |





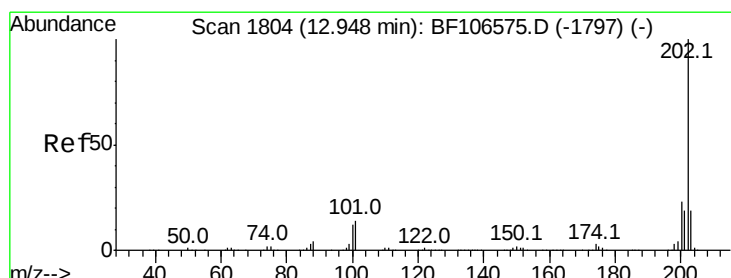
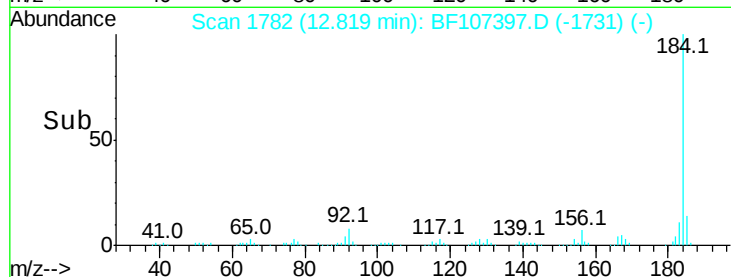
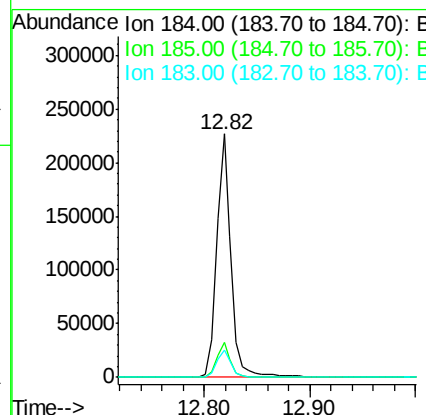
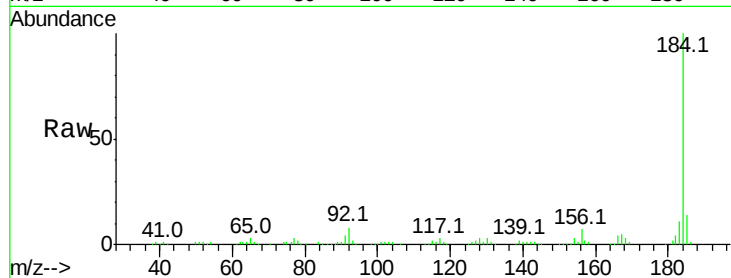
#76  
Benzidine  
Concen: 58.211 ng  
RT: 12.82 min Scan# 1782  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.3  | 12.6  | 18.8  |
| 183     | 11.2  | 9.3   | 13.9  |

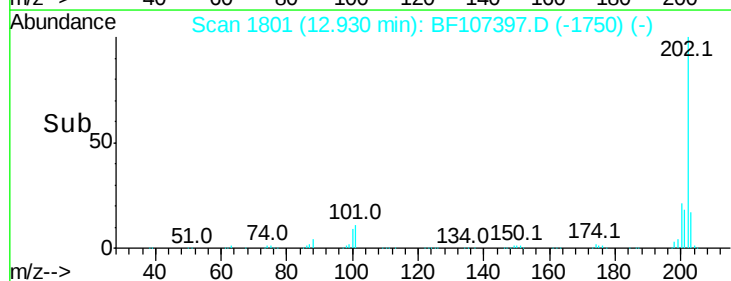
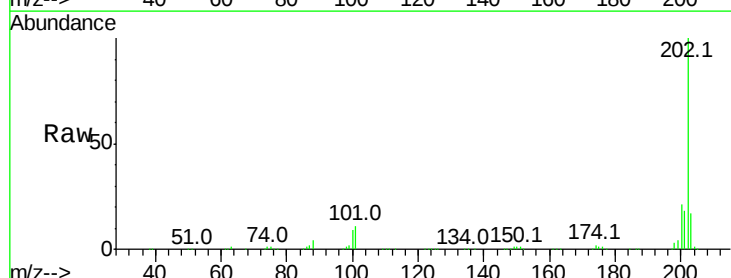
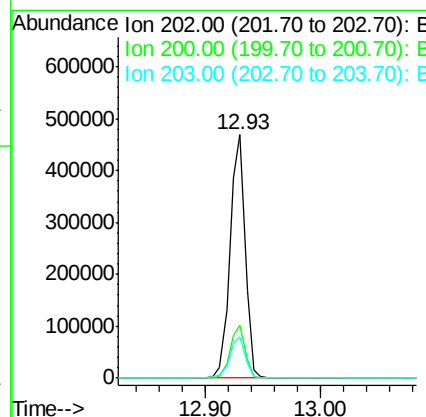
Manual Integrations  
APPROVED

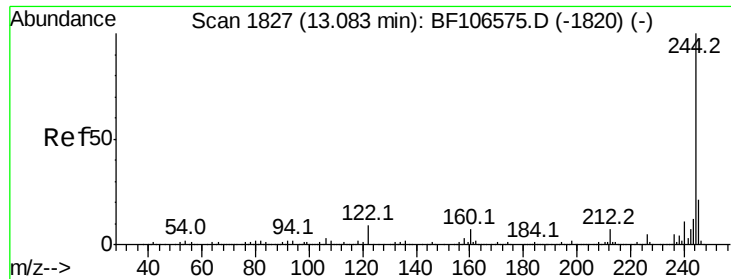
Sohil  
7/16/2018 3:22:47 PM



#77  
Pyrene  
Concen: 49.148 ng  
RT: 12.93 min Scan# 1801  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.5  | 17.4  | 26.2  |
| 203     | 17.2  | 14.3  | 21.5  |





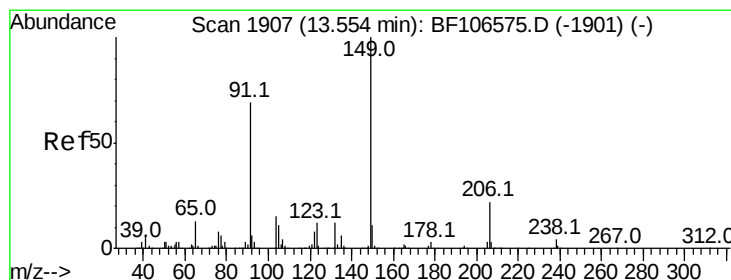
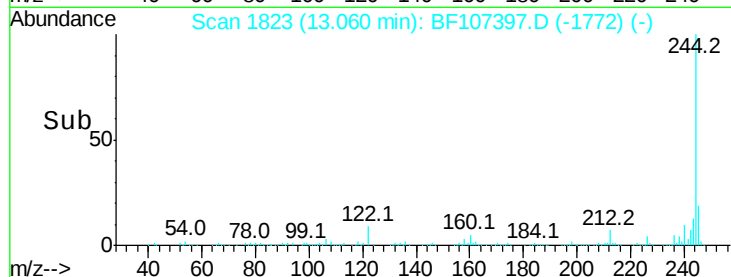
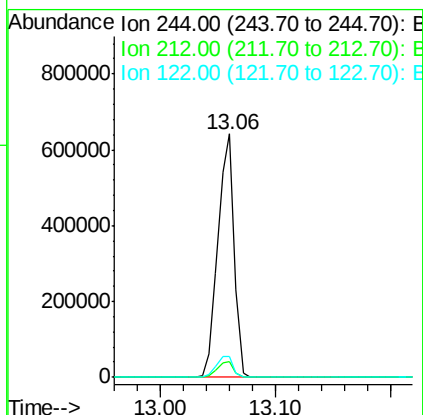
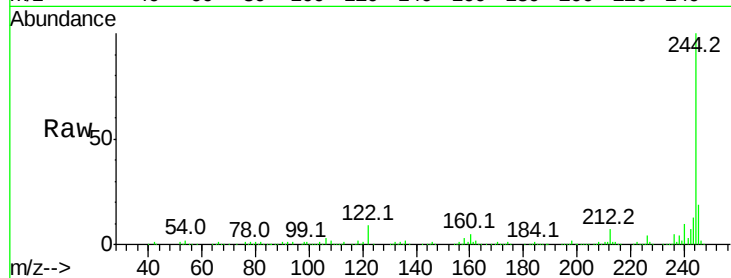
#78  
 Terphenyl-d14  
 Concen: 115.406 ng  
 RT: 13.06 min Scan# 1823  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.4   | 8.0   |
| 122     | 8.7   | 11.0  | 16.4  |

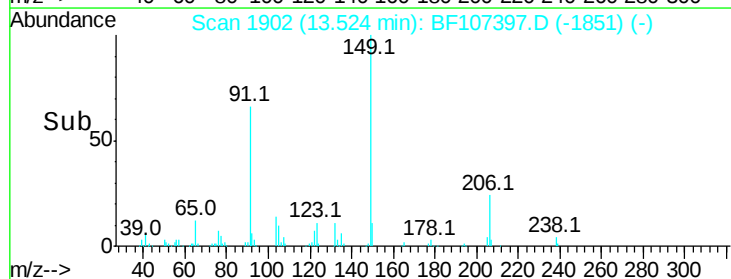
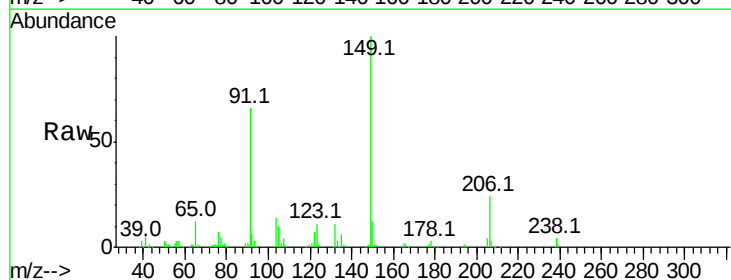
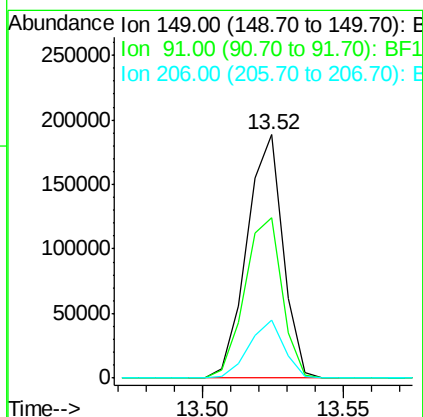
Manual Integrations  
 APPROVED

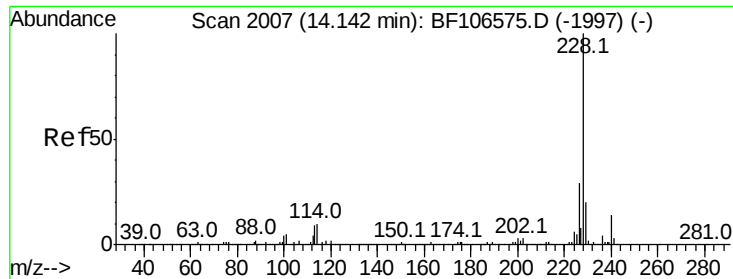
Sohil  
 7/16/2018 3:22:47 PM



#79  
 Butylbenzylphthalate  
 Concen: 46.836 ng  
 RT: 13.52 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: BF107397.D  
 Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.9  | 56.8  | 85.2  |
| 206     | 23.9  | 14.1  | 21.1  |





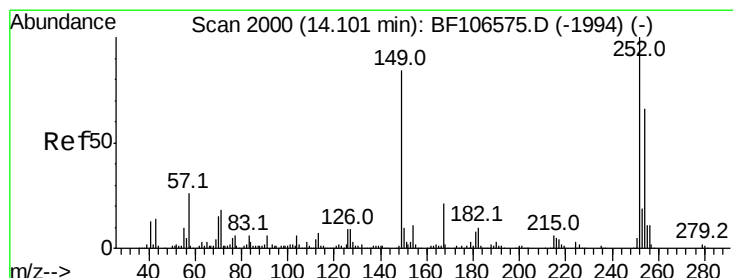
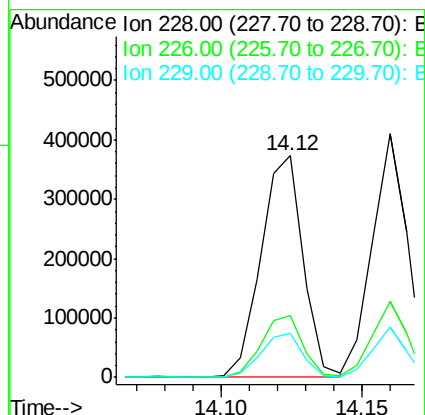
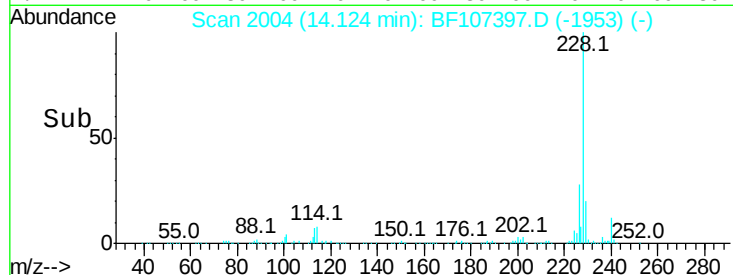
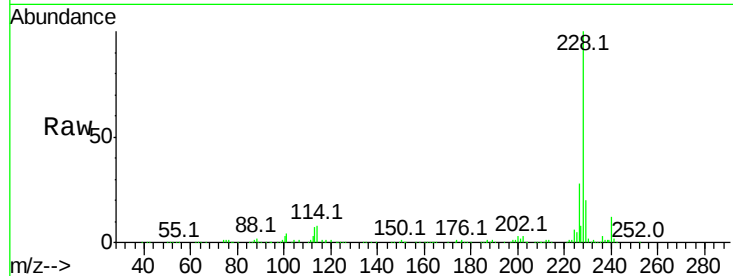
#80  
Benzo(a)anthracene  
Concen: 48.149 ng  
RT: 14.12 min Scan# 2004  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampled :  
PB111110BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 385165 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 27.9 | 22.6  | 33.8   |
| 229       | 19.6 | 15.8  | 23.6   |

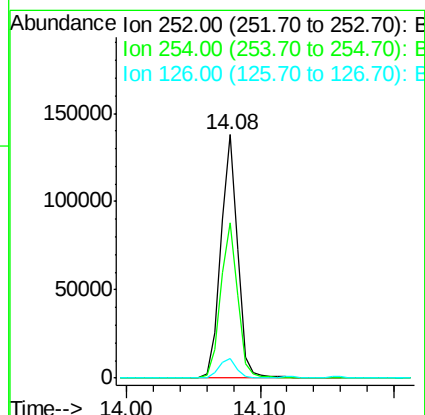
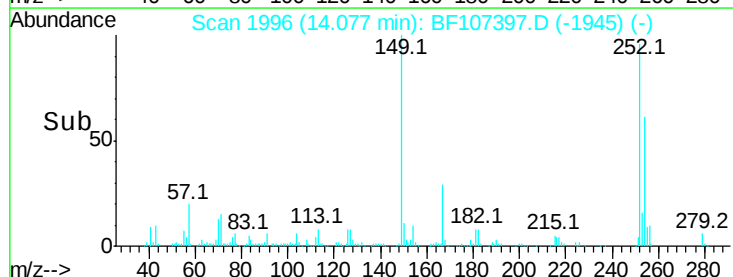
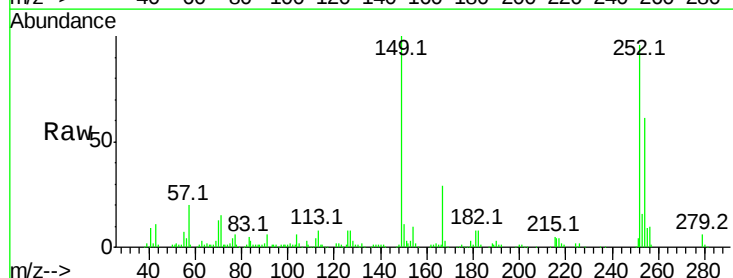
Manual Integrations  
APPROVED

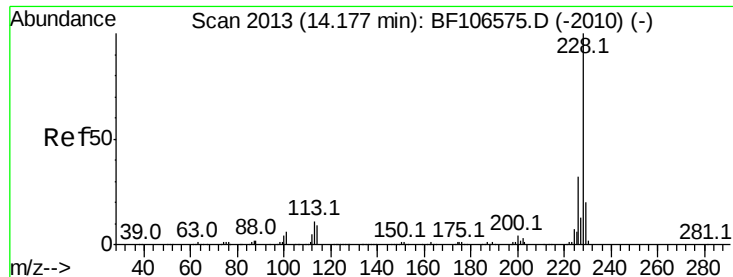
Sohil  
7/16/2018 3:22:47 PM



#81  
3,3'-Dichlorobenzidine  
Concen: 43.961 ng  
RT: 14.08 min Scan# 1996  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 123597 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 254       | 63.7 | 50.4  | 75.6   |
| 126       | 8.2  | 11.3  | 16.9#  |





#82

Chrvsene

Concen: 47.995 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

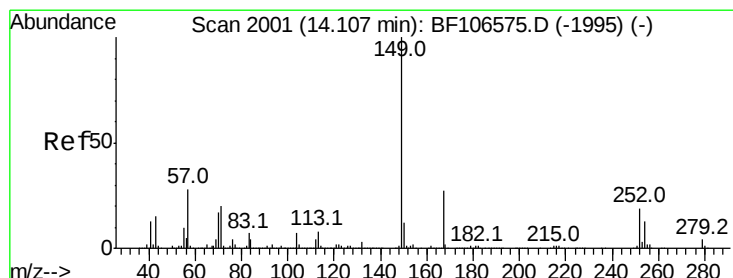
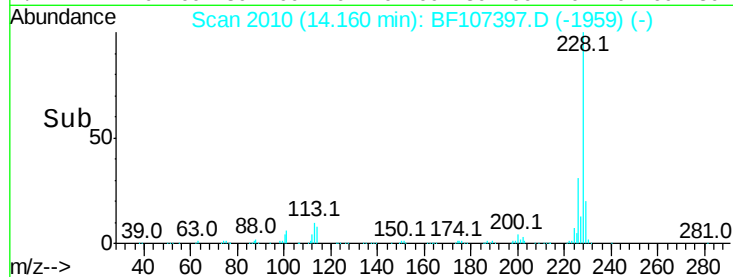
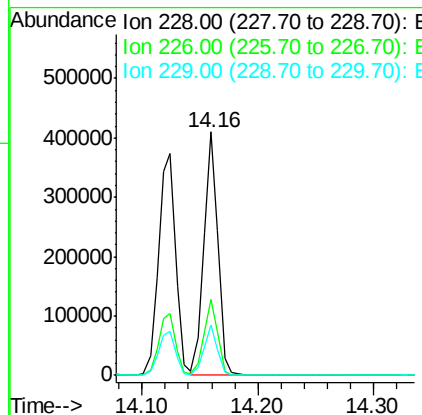
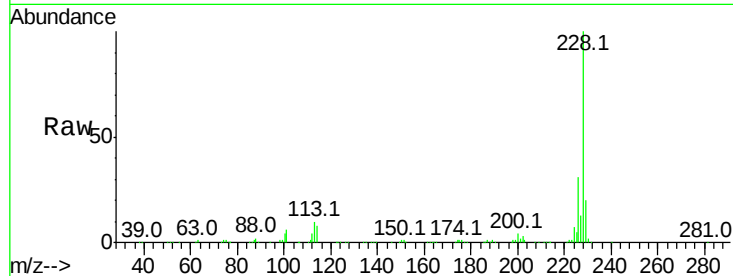
ClientSampleId :

PB111110BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 353219 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.0  | 25.0  | 37.6   |
| 229       | 20.5  | 16.2  | 24.4   |

Manual Integrations  
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7/16/2018 3:22:47 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.946 ng

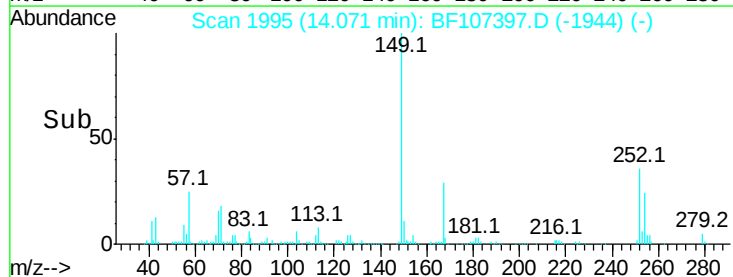
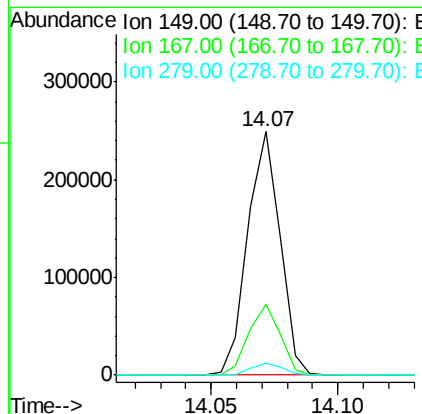
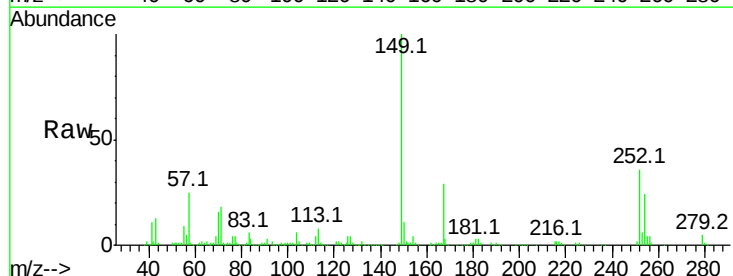
RT: 14.07 min Scan# 1995

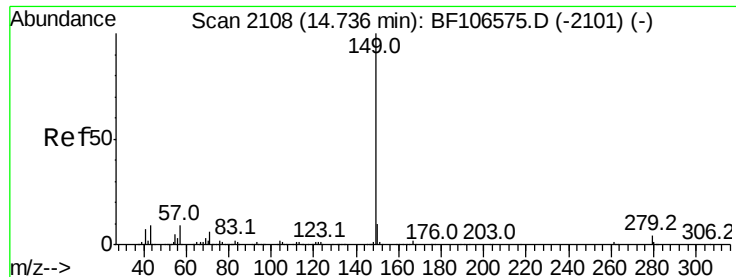
Delta R.T. 0.00 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 222681 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.9  | 21.3  | 31.9   |
| 279       | 5.0   | 3.0   | 4.4#   |





#84

Di-n-octyl phthalate

Concen: 52.460 ng

RT: 14.69 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

Instrument :

BNA\_F

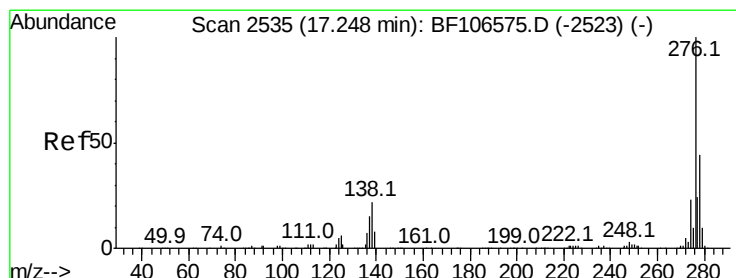
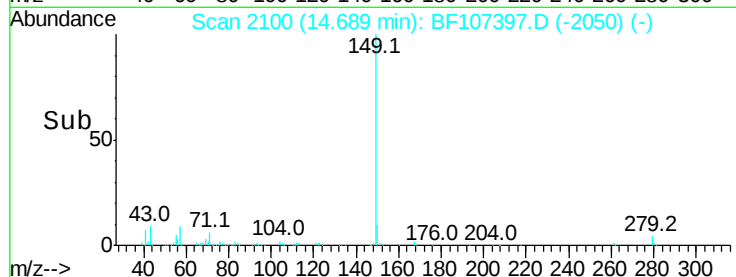
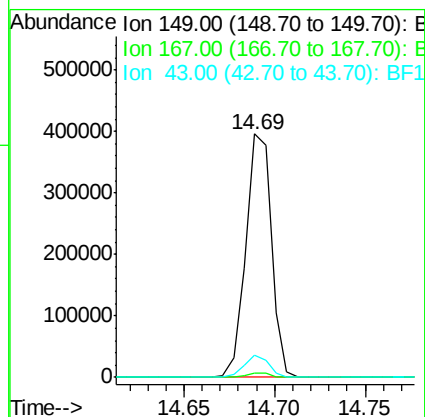
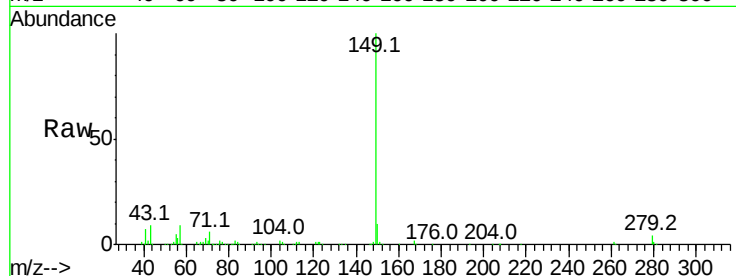
ClientSampled :

PB111110BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 389042 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.6   | 1.2   | 1.8    |
| 43        | 9.4   | 8.4   | 12.6   |

Manual Integrations  
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Sohil  
7/16/2018 3:22:47 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.326 ng

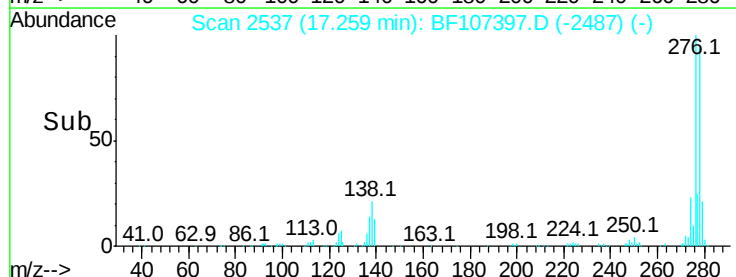
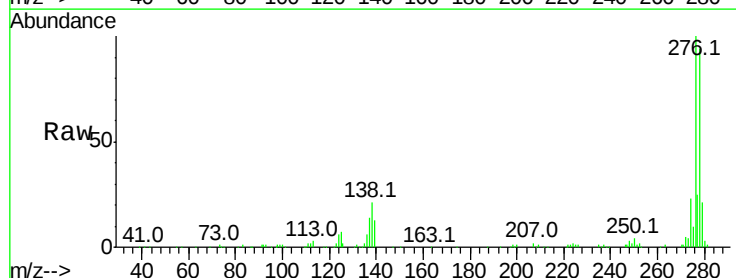
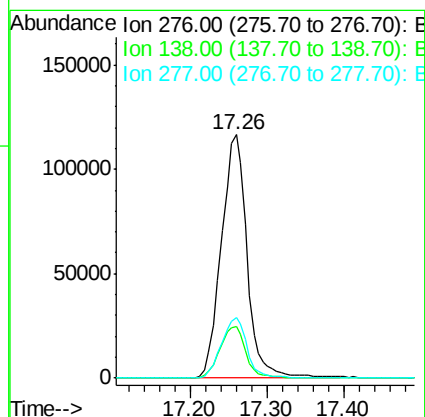
RT: 17.26 min Scan# 2537

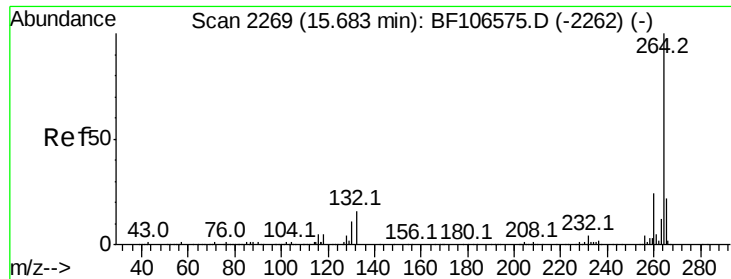
Delta R.T. -0.01 min

Lab File: BF107397.D

Acq: 14 Jul 2018 5:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 270589 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 21.4  | 25.0  | 37.6#  |
| 277       | 24.9  | 20.1  | 30.1   |





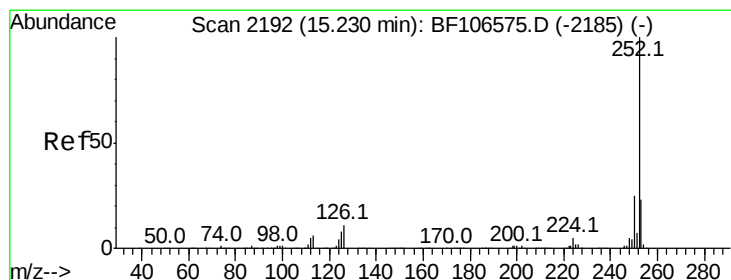
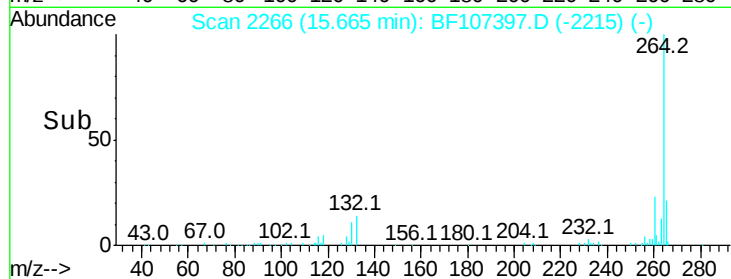
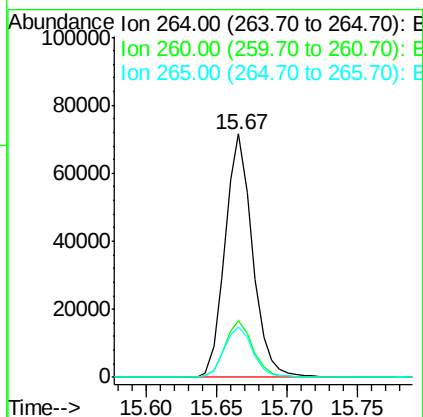
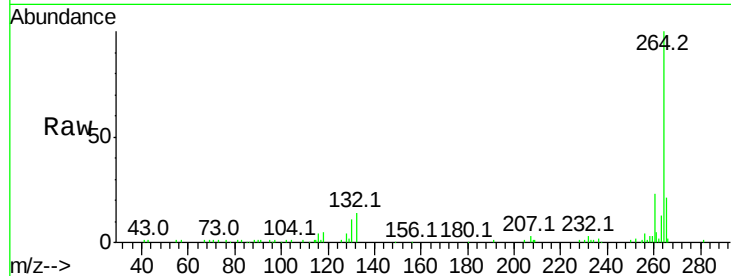
#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.67 min Scan# 2266  
Delta R.T. 0.00 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.2  | 28.8  |
| 265     | 20.7  | 17.5  | 26.3  |

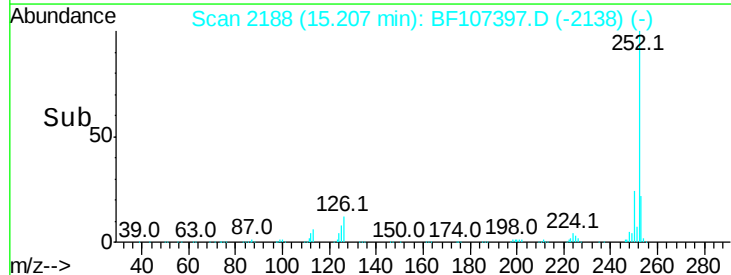
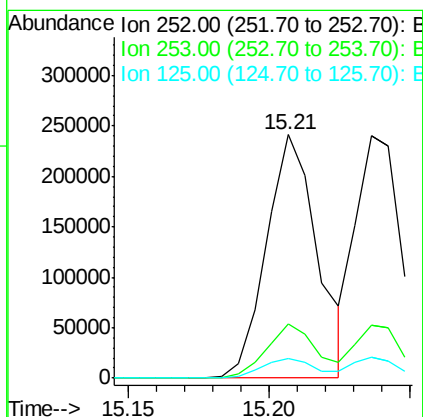
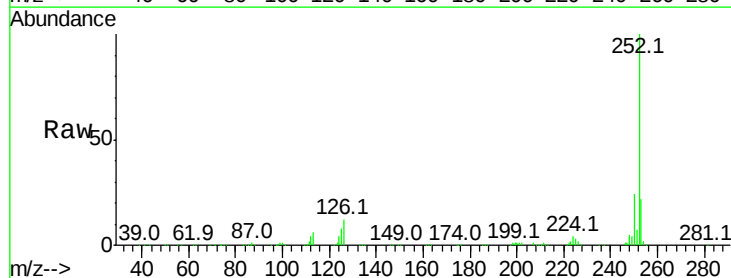
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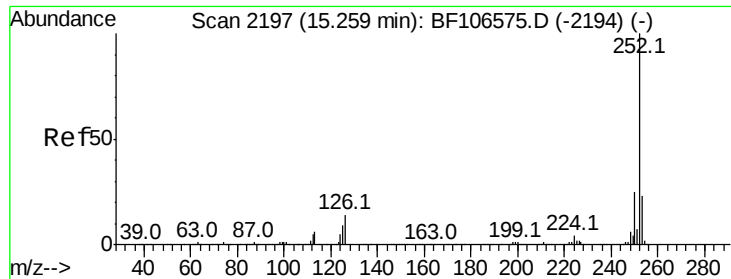
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7/16/2018 3:22:47 PM



#87  
Benzo(b)fluoranthene  
Concen: 50.143 ng  
RT: 15.21 min Scan# 2188  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.0  | 25.6  |
| 125     | 8.2   | 9.0   | 13.6  |





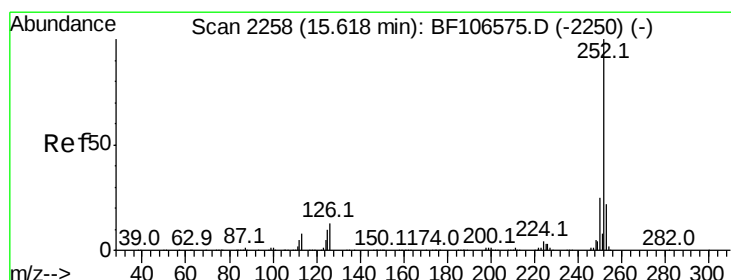
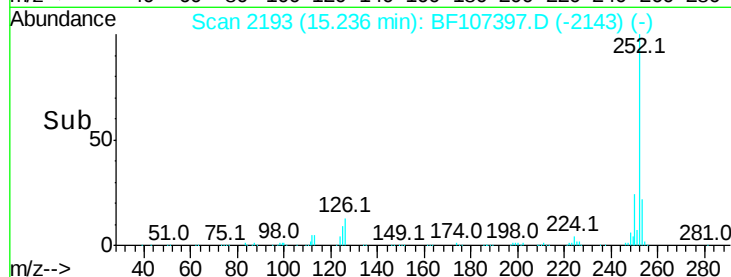
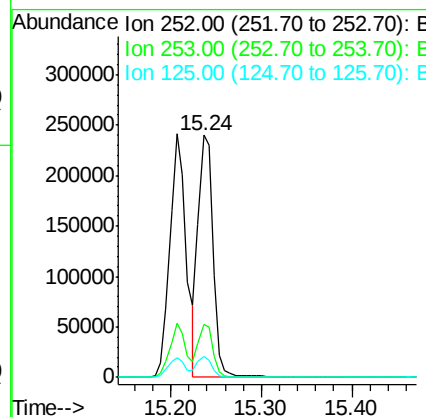
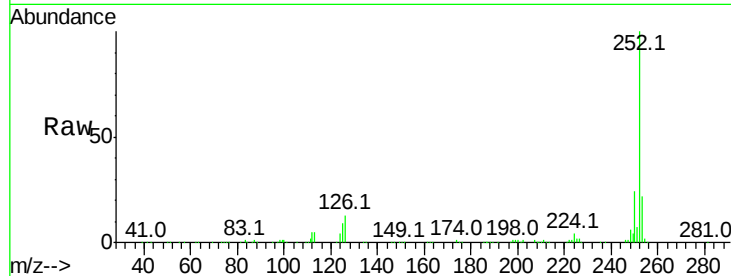
#88  
Benzo(k)fluoranthene  
Concen: 47.324 ng  
RT: 15.24 min Scan# 2193  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.9  | 26.9  |
| 125     | 8.7   | 10.2  | 15.2  |

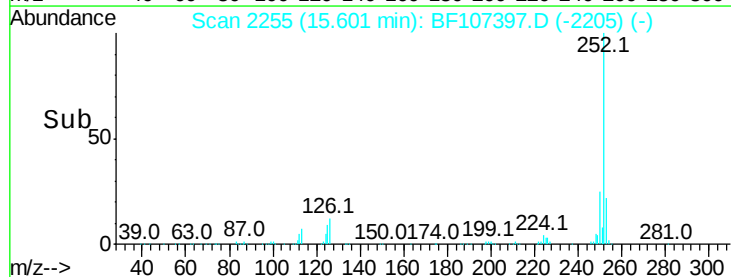
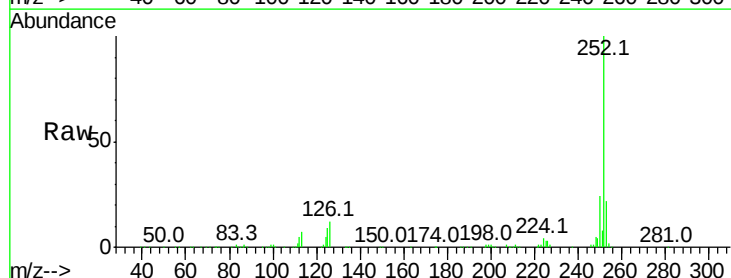
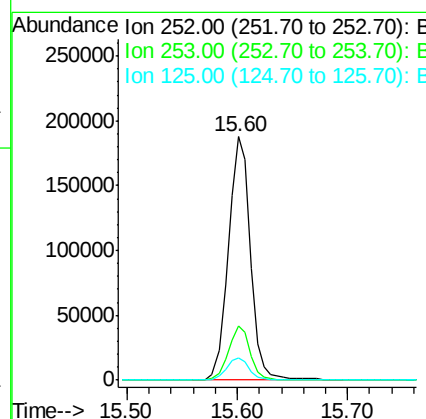
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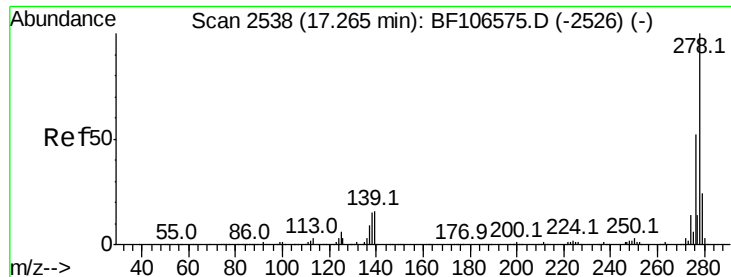
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#89  
Benzo(a)pyrene  
Concen: 48.907 ng  
RT: 15.60 min Scan# 2255  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.1  | 25.7  |
| 125     | 9.2   | 9.8   | 14.6  |





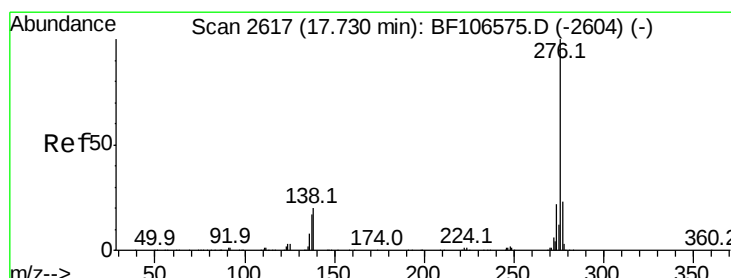
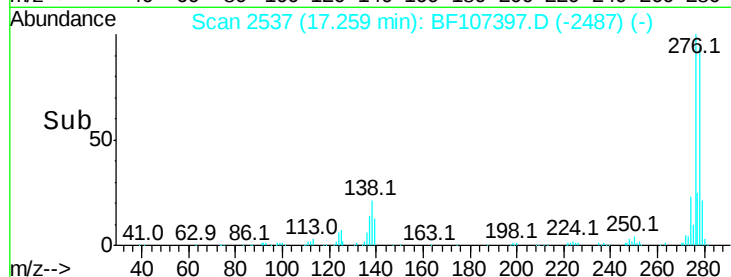
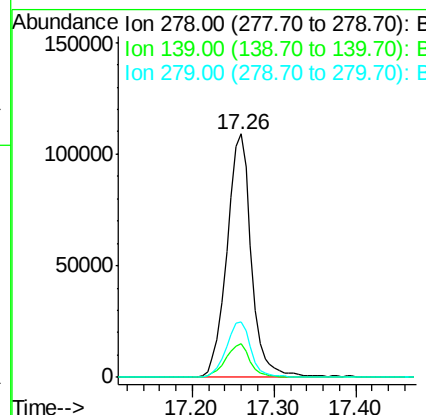
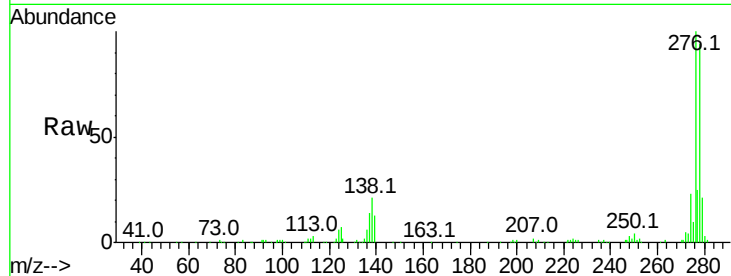
#90  
Dibenzo(a,h)anthracene  
Concen: 49.962 ng  
RT: 17.26 min Scan# 2537  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB111110BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.9  | 15.9  | 23.9# |
| 279     | 22.7  | 19.0  | 28.4  |

Manual Integrations  
APPROVED

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#91  
Benzo(g,h,i)perylene  
Concen: 50.856 ng  
RT: 17.74 min Scan# 2619  
Delta R.T. -0.01 min  
Lab File: BF107397.D  
Acq: 14 Jul 2018 5:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 17.9  | 26.9  |
| 138     | 18.2  | 21.8  | 32.8# |

