

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\  
 Data File : BF100998.D  
 Acq On : 30 Nov 2017 1:13  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Quant Time: Nov 30 04:25:58 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 15:21:02 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 49919    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 181534   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.89  | 164  | 71921    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.38 | 188  | 124986   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.03 | 240  | 107128   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.50 | 264  | 81299    | 20.00 | ng    | 0.00     |

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## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 259565 | 83.35  | ng | 0.00 |
| 7) Phenol-d6             | 6.49  | 99  | 307527 | 80.08  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 261499 | 95.24  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 63393  | 86.50  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.21  | 172 | 497276 | 105.28 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.96 | 244 | 431781 | 92.61  | ng | 0.00 |

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## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.60 | 88  | 53783   | 35.439 | ng | 98     |
| 3) Pyridine                    | 3.37 | 79  | 142680  | 34.460 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.33 | 42  | 73158   | 36.393 | ng | 92     |
| 6) Aniline                     | 6.52 | 93  | 198875  | 36.658 | ng | 100    |
| 8) 2-Chlorophenol              | 6.64 | 128 | 135938  | 41.263 | ng | 99     |
| 9) Benzaldehyde                | 6.41 | 77  | 114223  | 41.651 | ng | 92     |
| 10) Phenol                     | 6.50 | 94  | 167805  | 41.625 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 129123  | 38.133 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 158707  | 41.784 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 163226  | 42.459 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 152830  | 42.998 | ng | 96     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 113431  | 37.848 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 173146m | 31.971 | ng |        |
| 17) 2-Methylphenol             | 7.11 | 107 | 107362  | 38.135 | ng | 96     |
| 18) Hexachloroethane           | 7.36 | 117 | 33724   | 26.606 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 96698   | 36.310 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.26 | 107 | 135036m | 37.904 | ng |        |
| 22) Acetophenone               | 7.27 | 105 | 190096  | 42.943 | ng | # 95   |
| 24) Nitrobenzene               | 7.44 | 77  | 127468  | 45.104 | ng | 98     |
| 25) Isophorone                 | 7.67 | 82  | 216592  | 37.537 | ng | 99     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 56268   | 43.085 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 7.79 | 122 | 104894  | 40.553 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 151351  | 40.100 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 107314  | 43.459 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 121332  | 45.425 | ng | 96     |
| 31) Naphthalene                | 8.16 | 128 | 366358  | 41.900 | ng | 98     |
| 32) Benzoic acid               | 7.90 | 122 | 65042   | 35.798 | ng | 94     |
| 33) 4-Chloroaniline            | 8.21 | 127 | 146937  | 40.372 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 73293   | 46.151 | ng | 98     |
| 35) Caprolactam                | 8.58 | 113 | 28645   | 33.803 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107 | 99958   | 37.691 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 233824  | 40.280 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 123047  | 51.586 | ng | # 95   |
| 42) 2,4,6-Trichlorophenol      | 9.13 | 196 | 69040   | 45.669 | ng | 98     |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |                       |
|--------------------------------|-------|------|----------|--------|-------|----------|-----------------------|
| 43) 2,4,5-Trichlorophenol      | 9.17  | 196  | 71895    | 45.902 | nq    | 93       |                       |
| 45) 1,1'-Biphenyl              | 9.32  | 154  | 299041   | 48.074 | nq    | 97       |                       |
| 46) 2-Chloronaphthalene        | 9.34  | 162  | 208158   | 46.127 | nq    | 96       |                       |
| 47) 2-Nitroaniline             | 9.44  | 65   | 63445    | 47.605 | nq    | 96       |                       |
| 48) Acenaphthylene             | 9.76  | 152  | 321018   | 42.925 | nq    | 100      |                       |
| 49) Dimethylphthalate          | 9.61  | 163  | 260147   | 47.375 | nq    | 100      |                       |
| 50) 2,6-Dinitrotoluene         | 9.68  | 165  | 44564    | 40.999 | nq    | 86       | Sohil                 |
| 51) Acenaphthene               | 9.93  | 154  | 190452   | 41.873 | nq    | 98       |                       |
| 52) 3-Nitroaniline             | 9.85  | 138  | 61058    | 47.570 | nq    | 92       |                       |
| 53) 2,4-Dinitrophenol          | 9.96  | 184  | 444      | 9.103  | nq    | #        | 40                    |
| 54) Dibenzofuran               | 10.10 | 168  | 271609   | 42.607 | nq    | 98       |                       |
| 55) 4-Nitrophenol              | 10.01 | 139  | 32674    | 31.350 | nq    | 90       | 11/30/2017 4:32:26 PM |
| 56) 2,4-Dinitrotoluene         | 10.09 | 165  | 51231    | 37.361 | nq    | #        | 79                    |
| 57) Fluorene                   | 10.45 | 166  | 210246   | 45.021 | nq    | 96       |                       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 49511    | 38.570 | nq    | #        | 85                    |
| 59) Diethylphthalate           | 10.31 | 149  | 241961   | 44.031 | nq    | 96       |                       |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204  | 110211   | 48.108 | nq    | 89       |                       |
| 61) 4-Nitroaniline             | 10.46 | 138  | 59661    | 49.020 | nq    | 91       |                       |
| 62) Azobenzene                 | 10.59 | 77   | 180940   | 34.960 | nq    | 94       |                       |
| 64) 4,6-Dinitro-2-methylphenol | 10.50 | 198  | 2450     | 11.759 | nq    | 74       |                       |
| 65) n-Nitrosodiphenylamine     | 10.55 | 169  | 199029   | 45.797 | nq    | 94       |                       |
| 66) 4-Bromophenyl-phenylether  | 10.92 | 248  | 61656    | 46.018 | nq    | #        | 88                    |
| 67) Hexachlorobenzene          | 10.99 | 284  | 63196    | 45.098 | nq    | #        | 88                    |
| 68) Atrazine                   | 11.07 | 200  | 49165    | 37.373 | nq    | 99       |                       |
| 69) Pentachlorophenol          | 11.19 | 266  | 33624    | 33.463 | nq    | 99       |                       |
| 70) Phenanthrene               | 11.40 | 178  | 288783   | 43.883 | nq    | 98       |                       |
| 71) Anthracene                 | 11.46 | 178  | 291185   | 43.614 | nq    | 99       |                       |
| 72) Carbazole                  | 11.62 | 167  | 261940   | 42.520 | nq    | 98       |                       |
| 73) Di-n-butylphthalate        | 11.93 | 149  | 339419   | 47.082 | nq    | 98       |                       |
| 74) Fluoranthene               | 12.60 | 202  | 314275   | 45.062 | nq    | 94       |                       |
| 76) Benzidine                  | 12.72 | 184  | 228118   | 53.171 | nq    | 98       |                       |
| 77) Pyrene                     | 12.83 | 202  | 323582   | 42.373 | nq    | 99       |                       |
| 79) Butylbenzylphthalate       | 13.43 | 149  | 142575   | 45.781 | nq    | 93       |                       |
| 80) Benzo(a)anthracene         | 14.02 | 228  | 280784   | 43.524 | nq    | 97       |                       |
| 81) 3,3'-Dichlorobenzidine     | 13.97 | 252  | 110848   | 47.957 | nq    | #        | 97                    |
| 82) Chrysene                   | 14.05 | 228  | 256384   | 41.040 | nq    | 99       |                       |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 197840   | 48.301 | nq    | 98       |                       |
| 84) Di-n-octyl phthalate       | 14.60 | 149  | 337607   | 47.978 | nq    | 99       |                       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.98 | 276  | 186047   | 36.819 | nq    | #        | 93                    |
| 87) Benzo(b)fluoranthene       | 15.07 | 252  | 215134   | 44.666 | nq    | #        | 97                    |
| 88) Benzo(k)fluoranthene       | 15.10 | 252  | 198657   | 43.652 | nq    | #        | 94                    |
| 89) Benzo(a)pyrene             | 15.43 | 252  | 181223   | 42.441 | nq    | 98       |                       |
| 90) Dibenzo(a,h)anthracene     | 16.99 | 278  | 160921   | 46.082 | nq    | #        | 95                    |
| 91) Benzo(g,h,i)perylene       | 17.43 | 276  | 147237   | 43.072 | nq    | #        | 91                    |

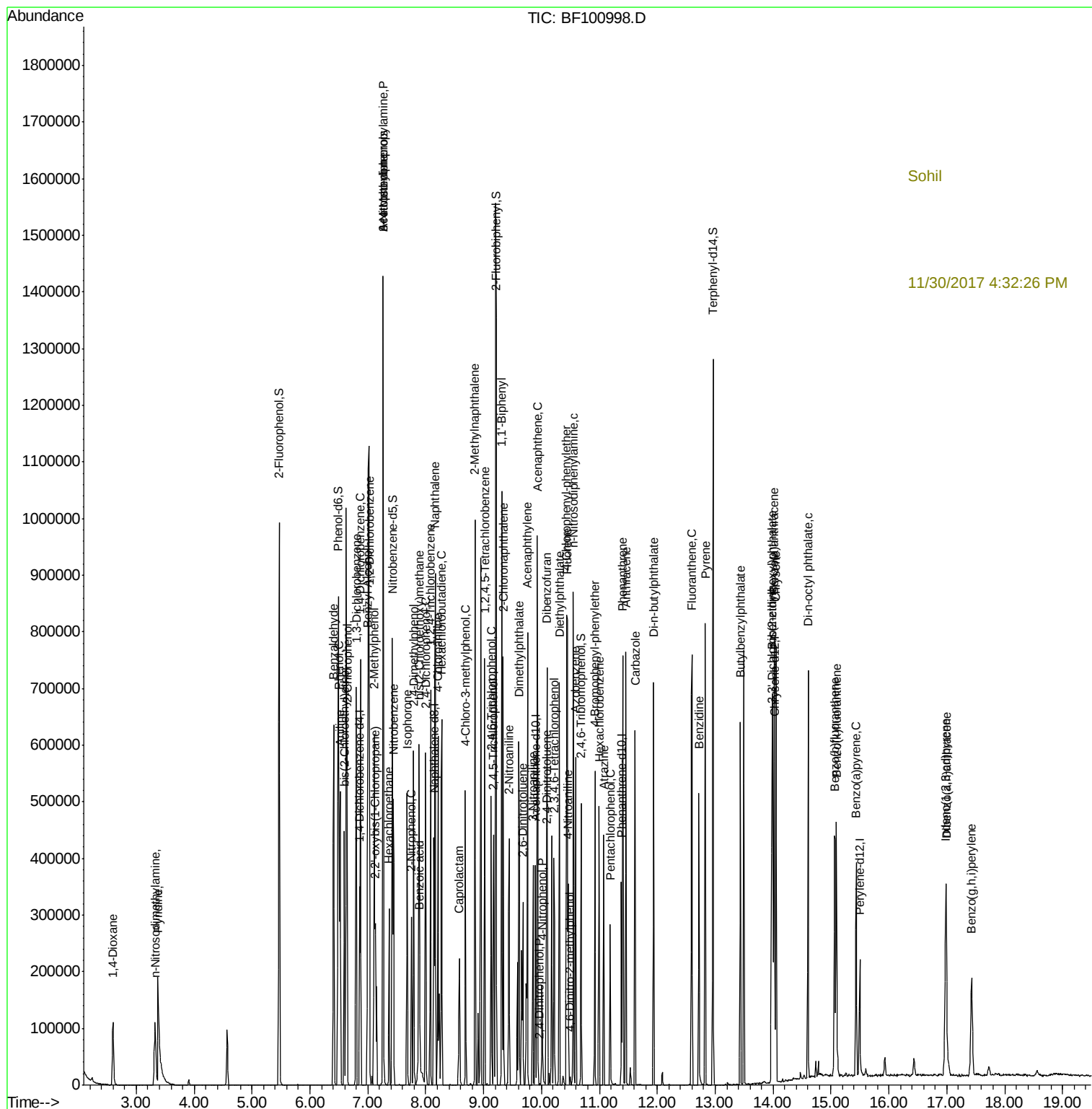
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

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BNA\_F  
ClientSampled :  
SSTDCCC040

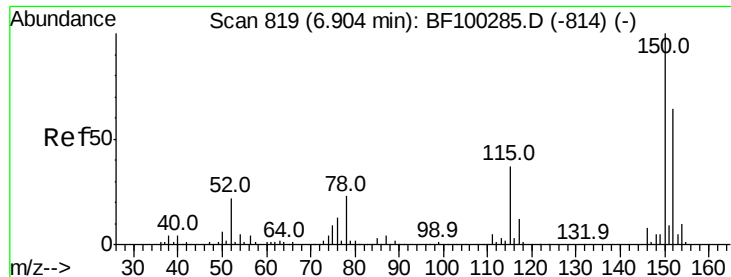
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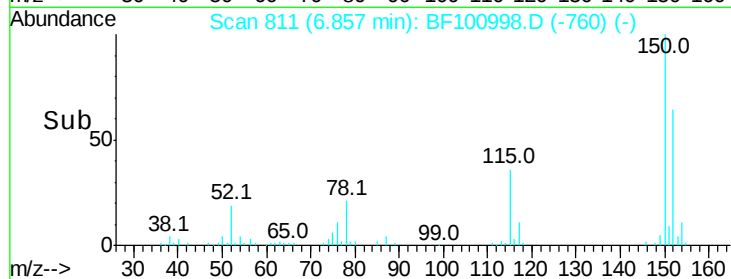
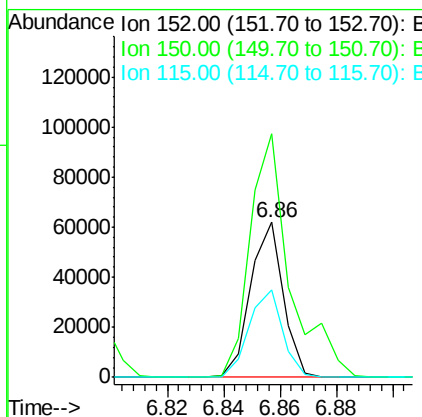
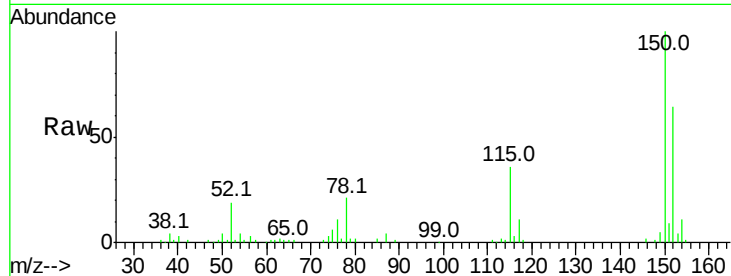
#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

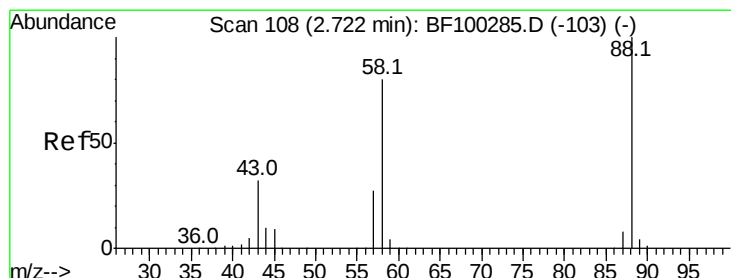
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.9 | 124.6 | 186.8 |
| 115     | 56.7  | 50.1  | 75.1  |

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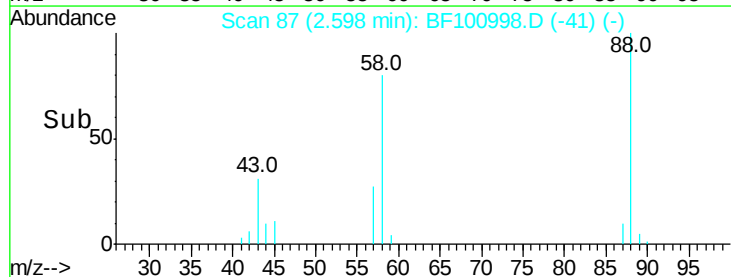
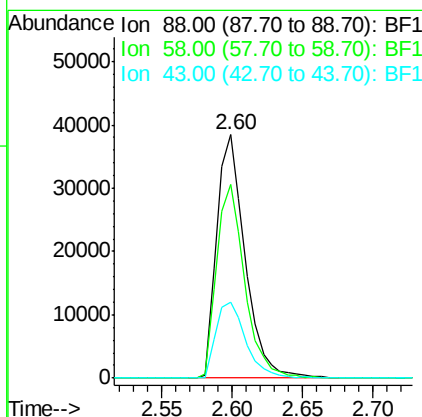
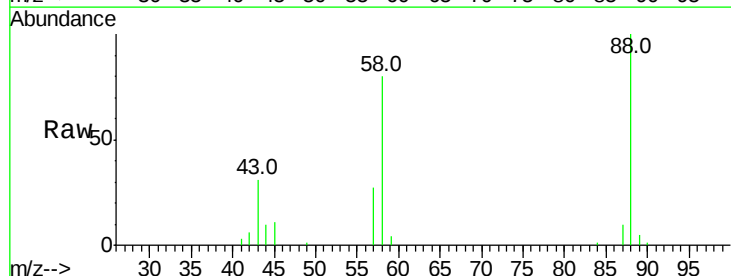
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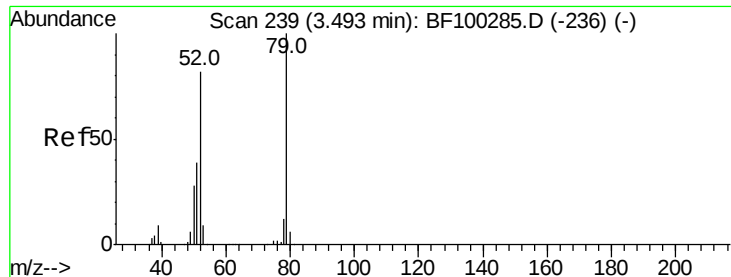


#2

1,4-Dioxane  
Concen: 35.439 ng  
RT: 2.60 min Scan# 87  
Delta R.T. -0.03 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 78.9  | 62.6  | 93.8  |
| 43      | 32.7  | 24.6  | 37.0  |





#3

Pvridine

Concen: 34.460 ng

RT: 3.37 min Scan# 219

Delta R.T. -0.02 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

Instrument :

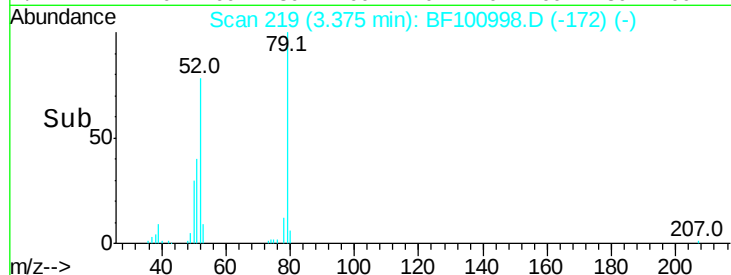
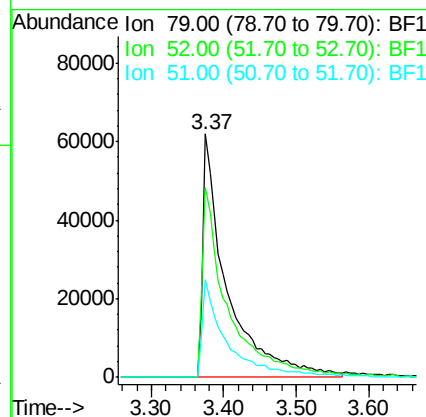
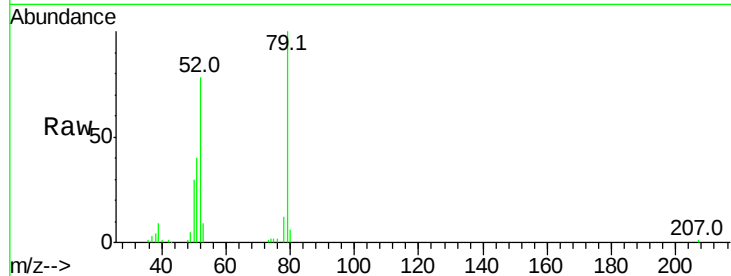
BNA\_F

ClientSampleId :

SSTDCCC040

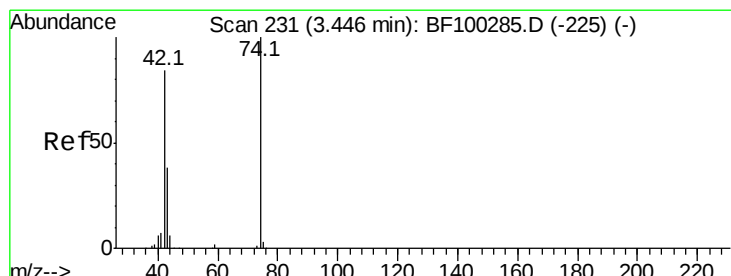
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 142680 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 77.9  | 59.8  | 89.6   |
| 51        | 39.9  | 29.8  | 44.8   |

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#4

n-Nitrosodimethylamine

Concen: 36.393 ng

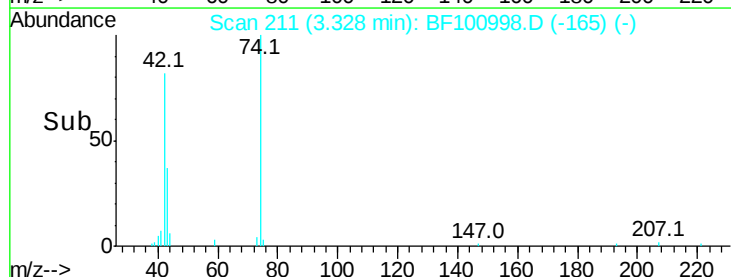
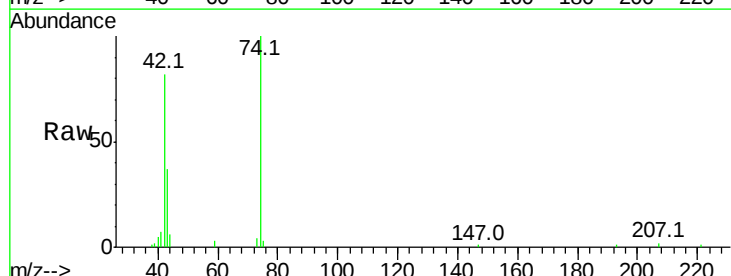
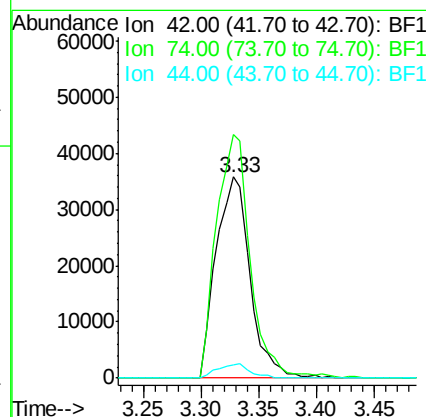
RT: 3.33 min Scan# 211

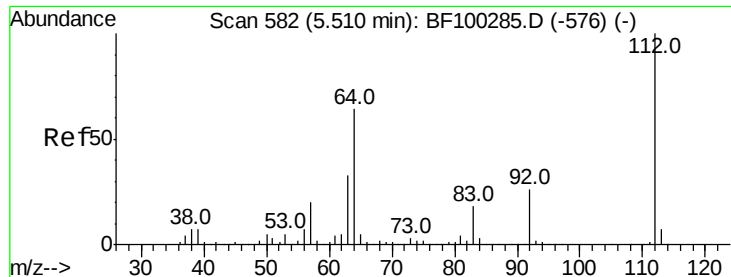
Delta R.T. -0.03 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 73158 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 121.3 | 104.9 | 157.3 |
| 44        | 6.9   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 83.351 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

Instrument :

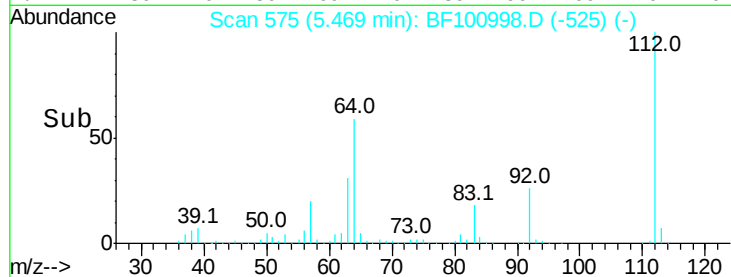
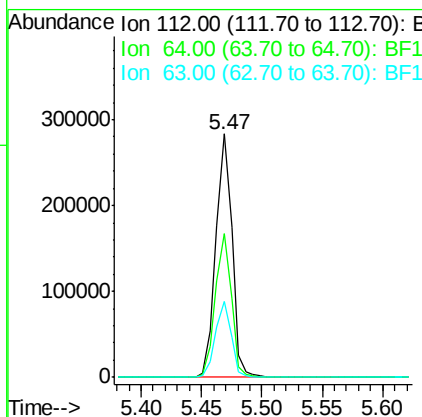
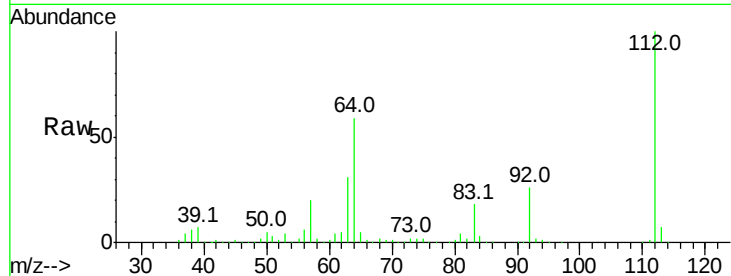
BNA\_F

ClientSampleId :

SSTDCCC040

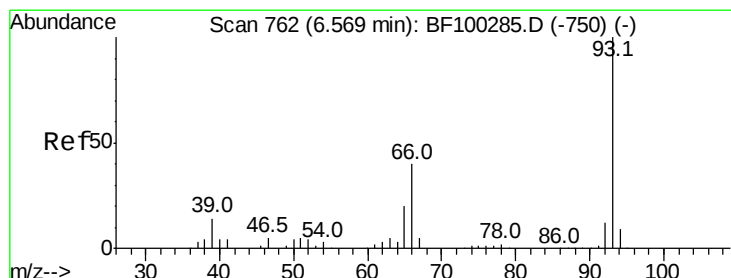
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 112  | Resp: | 259565 |
| Ion Ratio |      | Lower | Upper  |
| 112       | 100  |       |        |
| 64        | 59.1 | 47.9  | 71.9   |
| 63        | 31.4 | 23.7  | 35.5   |

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#6

Aniline

Concen: 36.658 ng

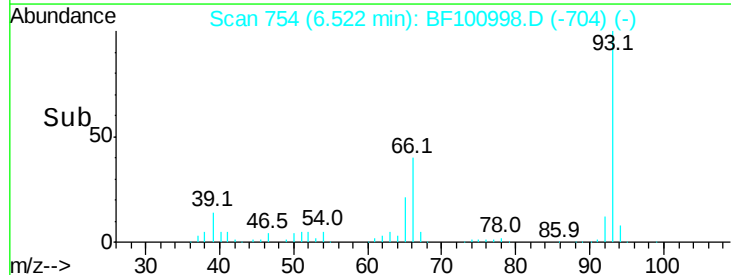
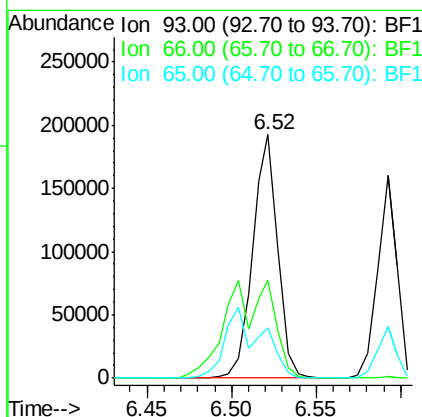
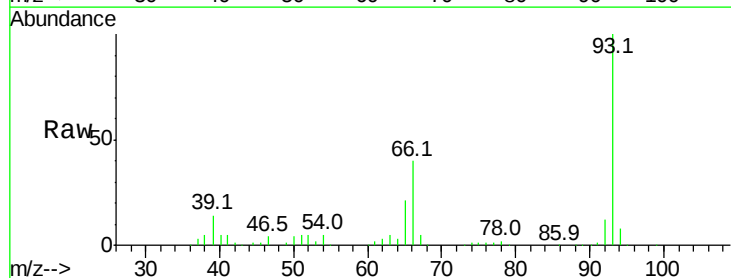
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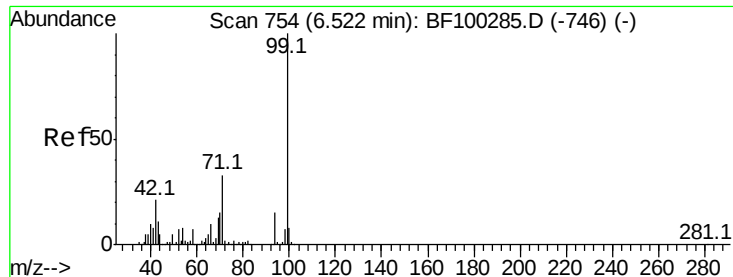
Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 93   | Resp: | 198875 |
| Ion Ratio |      | Lower | Upper  |
| 93        | 100  |       |        |
| 66        | 40.2 | 32.2  | 48.2   |
| 65        | 20.5 | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 80.083 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

Instrument :

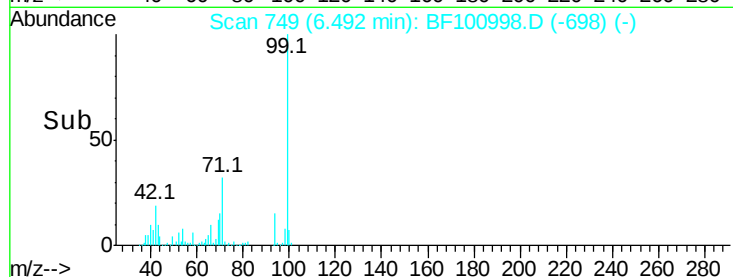
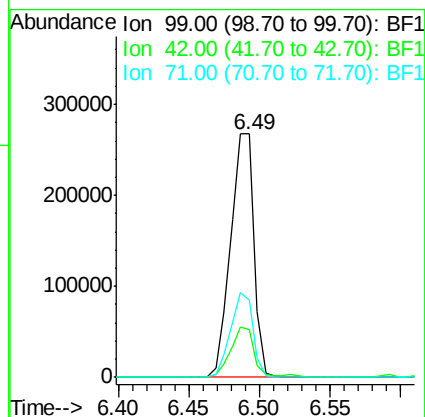
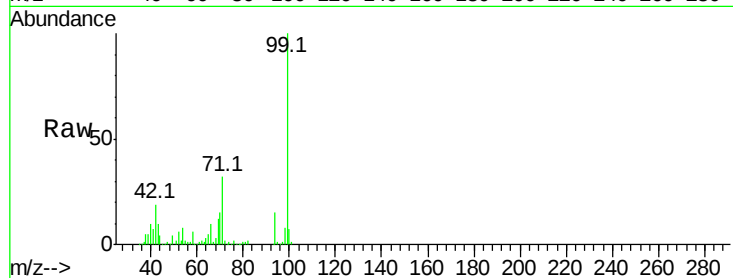
BNA\_F

ClientSampleId :

SSTDCCC040

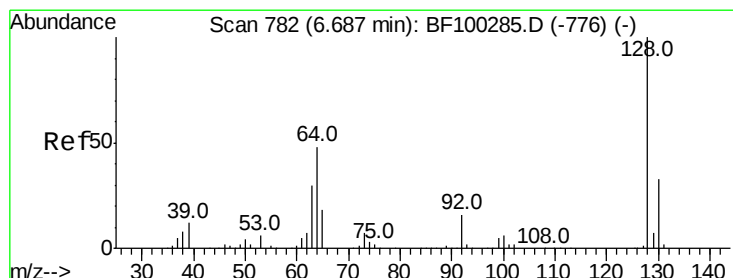
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 307527 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.5  | 14.5  | 21.7   |
| 71        | 31.7  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.263 ng

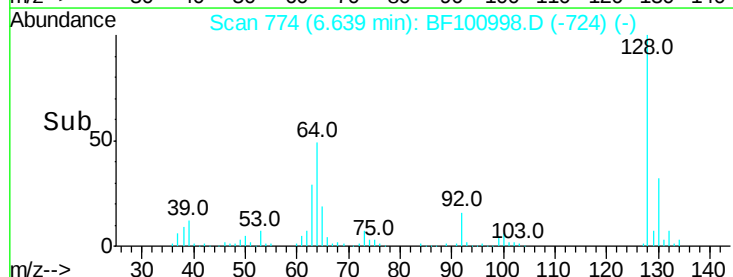
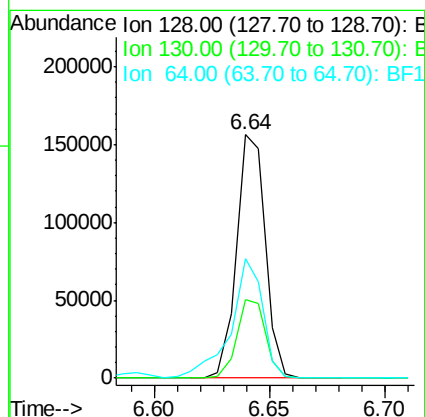
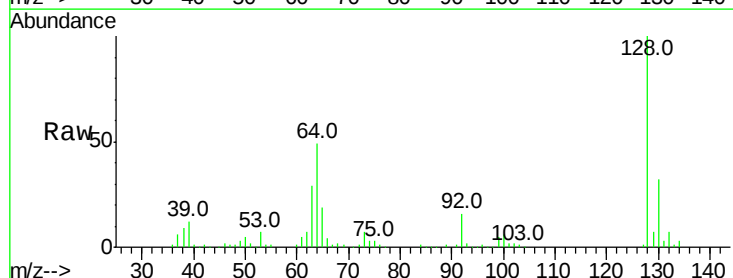
RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 135938 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.2  | 13.0  | 53.0   |
| 64        | 49.3  | 29.4  | 69.4   |



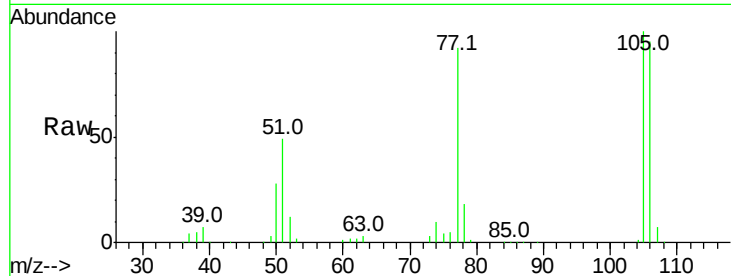


#9  
Benzaldehyde  
Concen: 41.651 ng  
RT: 6.41 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

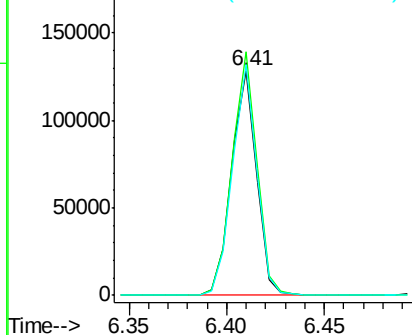
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

Tot Ion: 77 Resp: 114223  
Ion Ratio Lower Upper  
77 100  
105 108.3 81.1 121.1  
106 102.7 74.5 114.5

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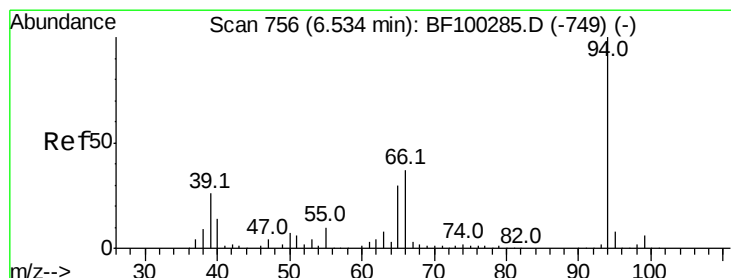
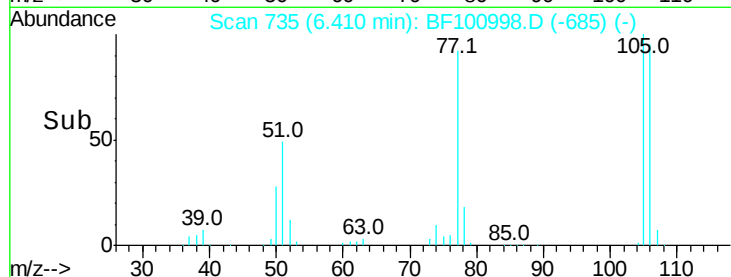


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 106.00 (105.70 to 106.70): BF1



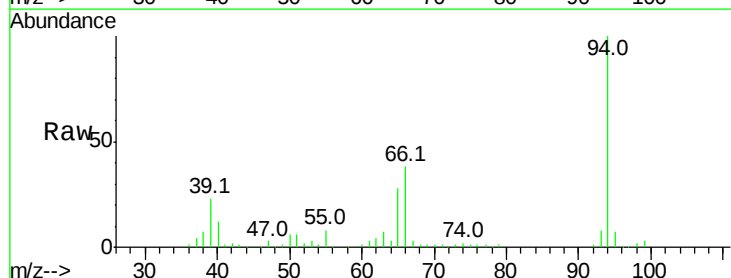
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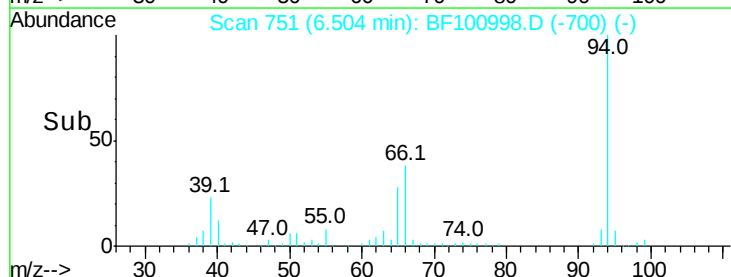
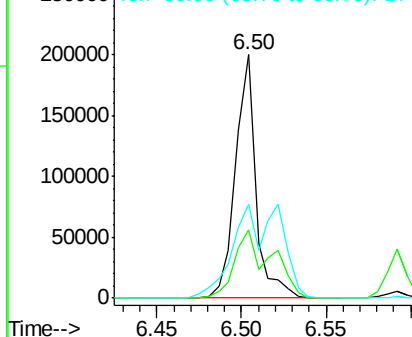


#10  
Phenol  
Concen: 41.625 ng  
RT: 6.50 min Scan# 751  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Tgt Ion: 94 Resp: 167805  
Ion Ratio Lower Upper  
94 100  
65 28.2 7.9 47.9  
66 38.5 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



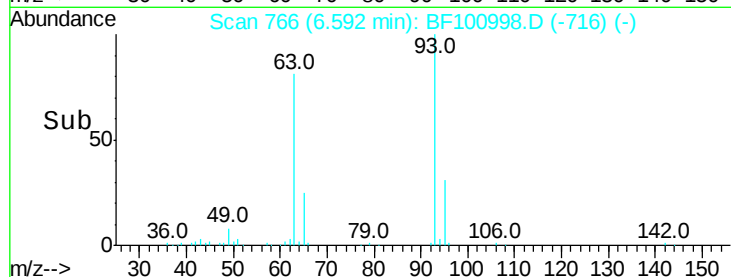
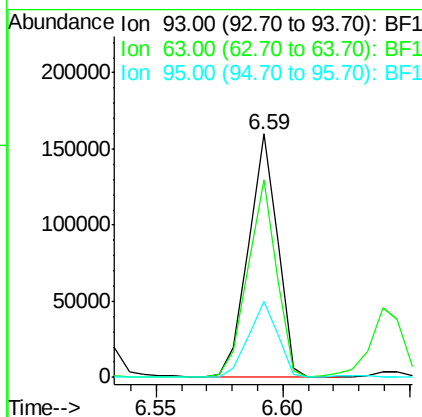
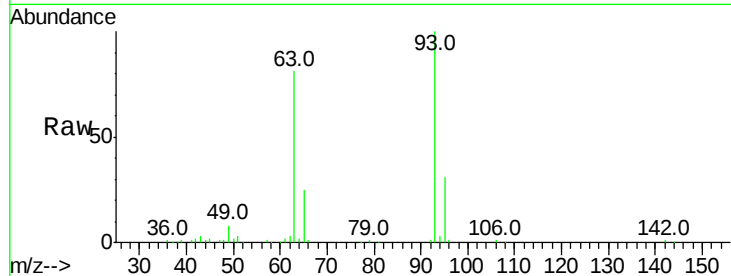


#11  
bis(2-Chloroethyl)ether  
Concen: 38.133 ng  
RT: 6.59 min Scan# 766  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

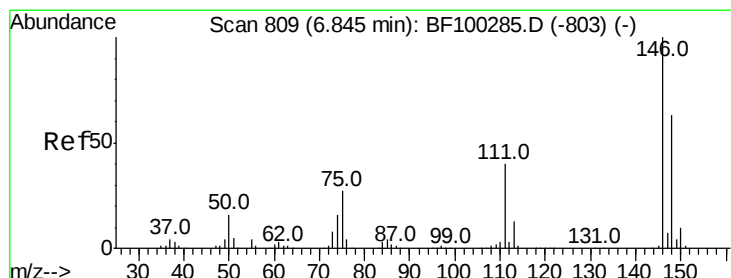
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 129123 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 81.1  | 58.6  | 98.6   |
| 95        | 31.2  | 11.8  | 51.8   |

Manual Integrations  
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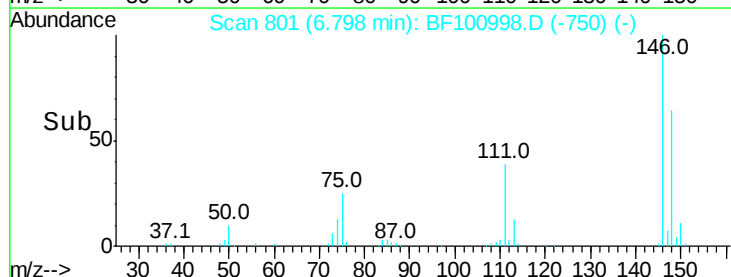
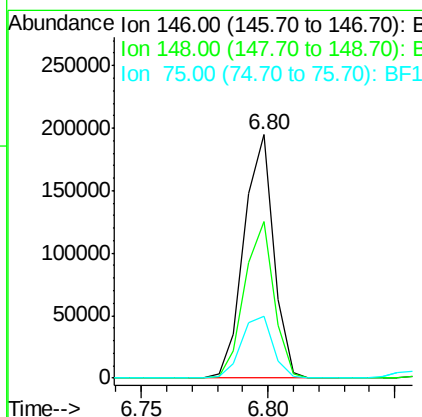
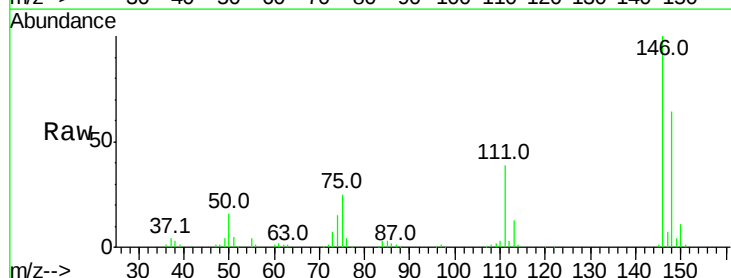
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#12  
1,3-Dichlorobenzene  
Concen: 41.784 ng  
RT: 6.80 min Scan# 801  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 158707 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.4  | 51.8  | 77.8   |
| 75        | 25.5  | 24.2  | 36.4   |



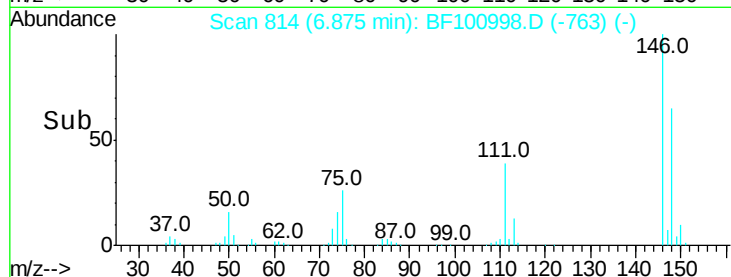
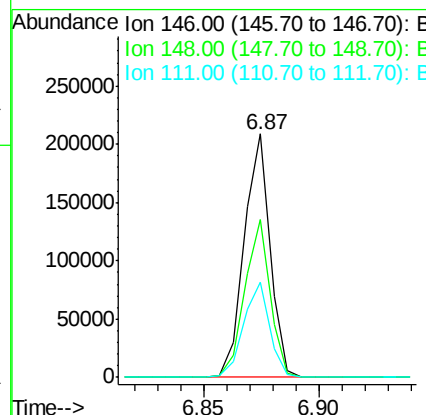
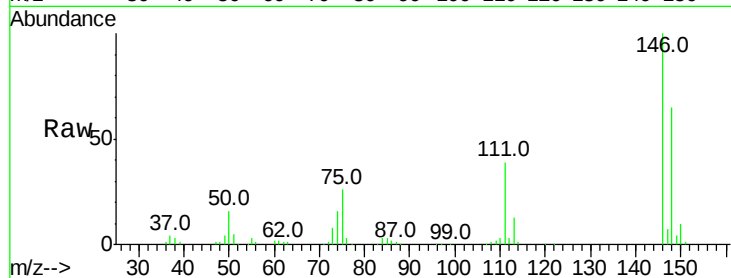


#13  
 1,4-Dichlorobenzene  
 Concen: 42.459 ng  
 RT: 6.87 min Scan# 814  
 Delta R.T. -0.00 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

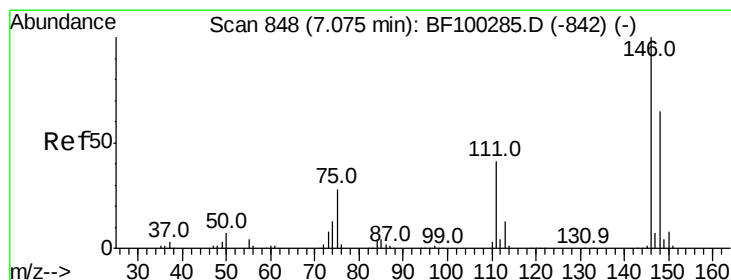
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 50.8  | 76.2  |
| 111     | 38.9  | 34.2  | 51.2  |

Manual Integrations  
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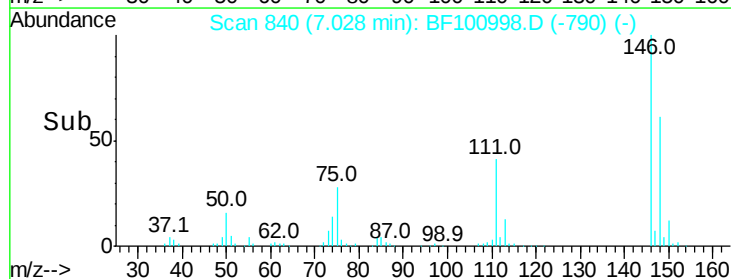
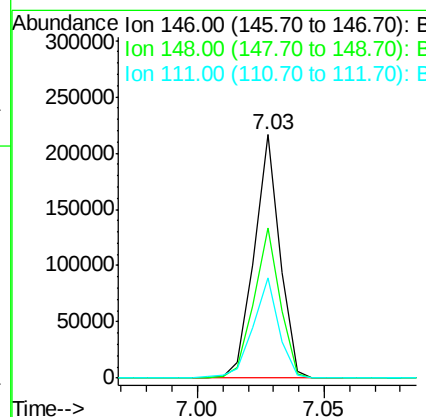
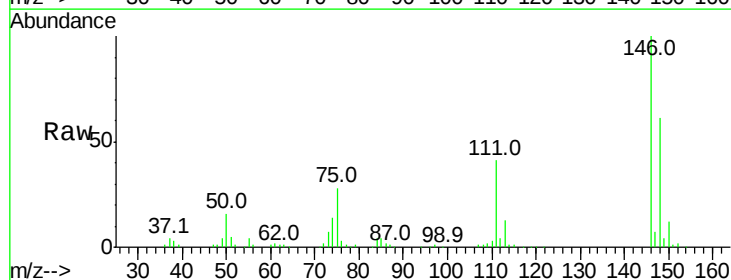
Sohil

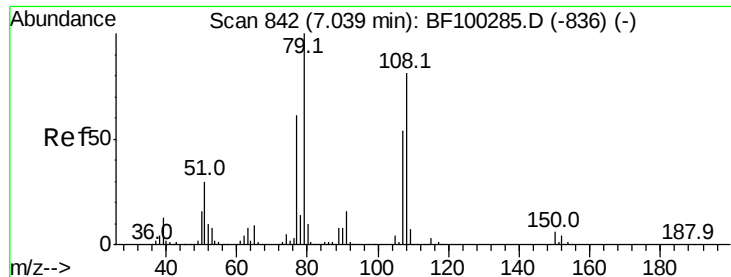
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#14  
 1,2-Dichlorobenzene  
 Concen: 42.998 ng  
 RT: 7.03 min Scan# 840  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.4  | 50.6  | 75.8  |
| 111     | 41.2  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 37.848 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

Instrument :

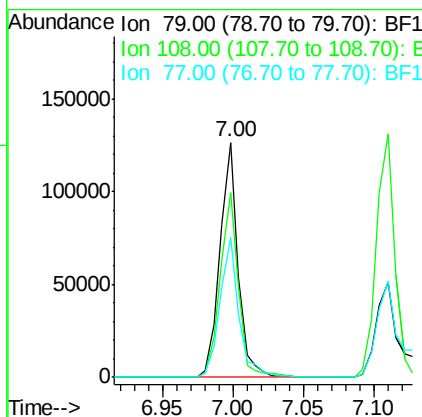
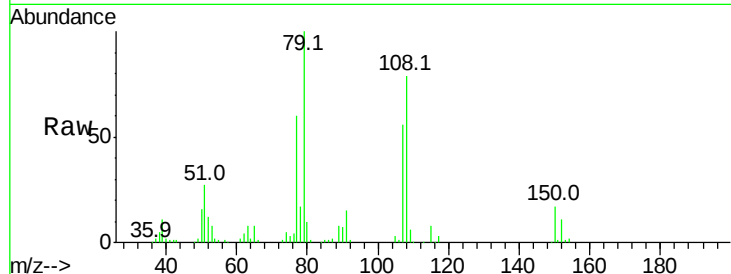
BNA\_F

ClientSampleId :

SSTDCCC040

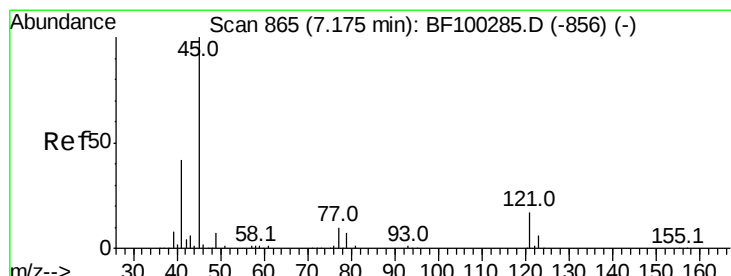
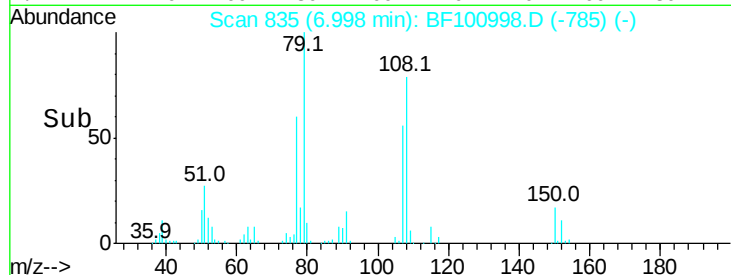
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 113431 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 78.7  | 65.1  | 97.7   |
| 77        | 59.7  | 50.6  | 75.8   |

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.971 ng m

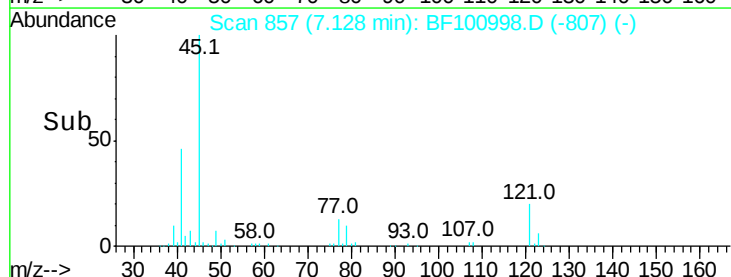
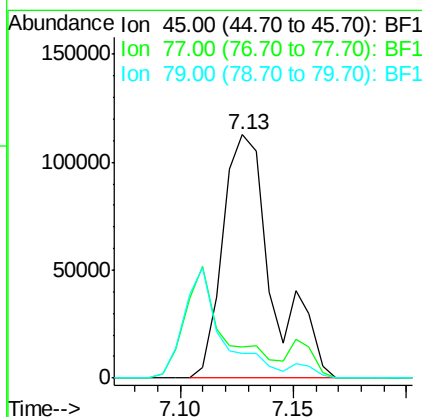
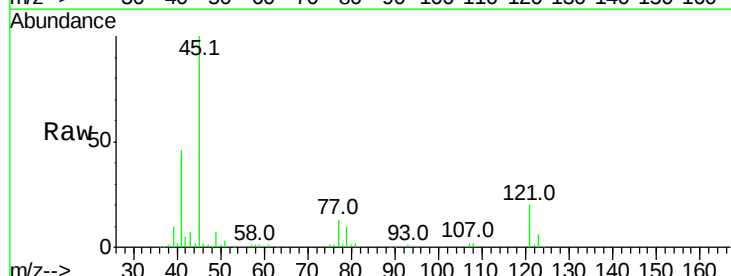
RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 173146 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.0  | 0.0   | 32.9   |
| 79        | 10.0  | 0.0   | 29.6   |



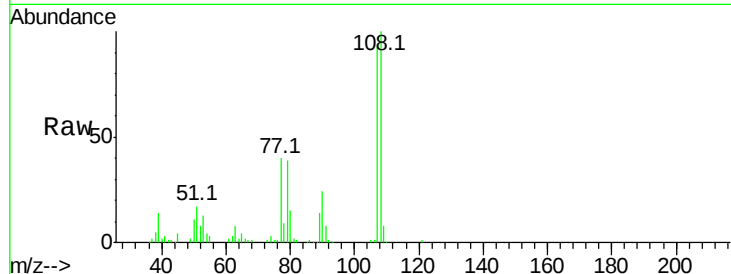


#17  
2-Methylphenol  
Concen: 38.135 ng  
RT: 7.11 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

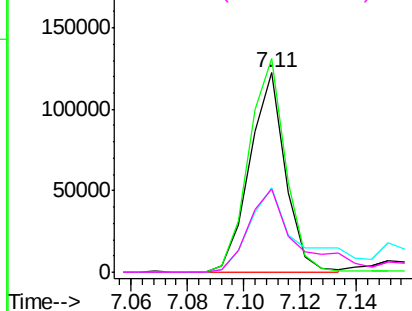
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 107   | Resp  | 107362 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 107.2 | 91.7  | 137.5  |
| 77        | 42.3  | 33.8  | 50.8   |
| 79        | 41.8  | 33.8  | 50.8   |

Manual Integrations  
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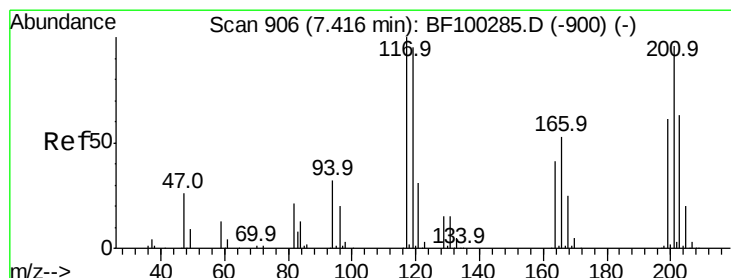
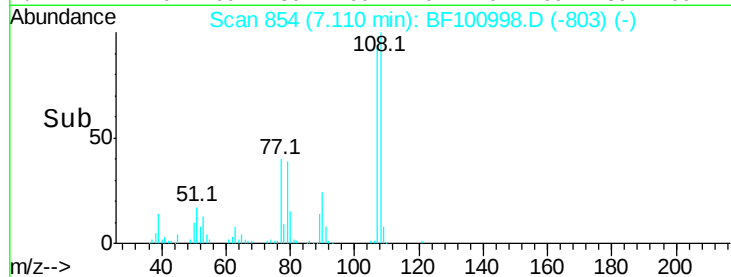


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1



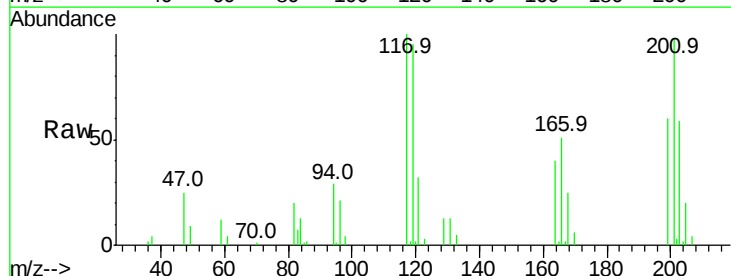
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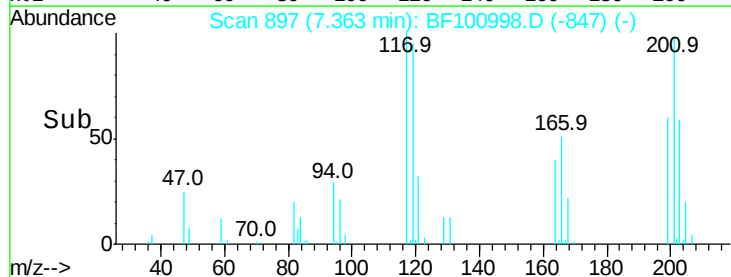
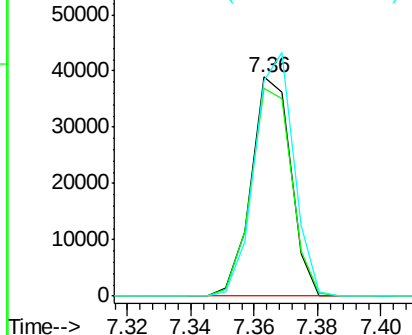


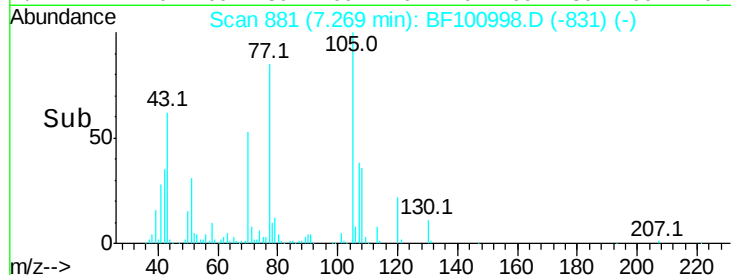
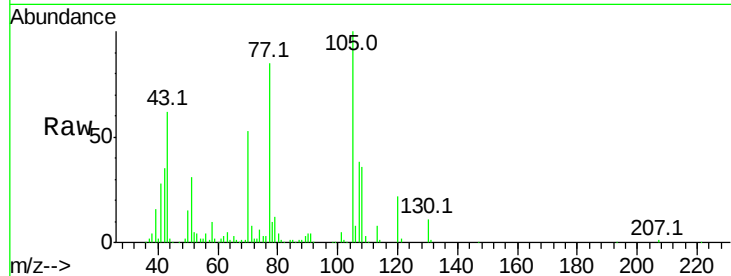
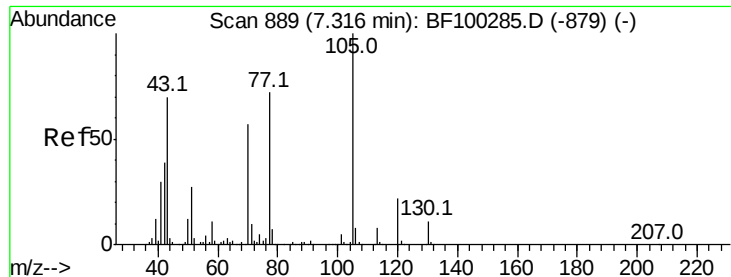
#18  
Hexachloroethane  
Concen: 26.606 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion   | 117   | Resp  | 33724 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 94.8  | 75.8  | 113.8 |
| 201       | 98.2  | 75.7  | 113.5 |



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



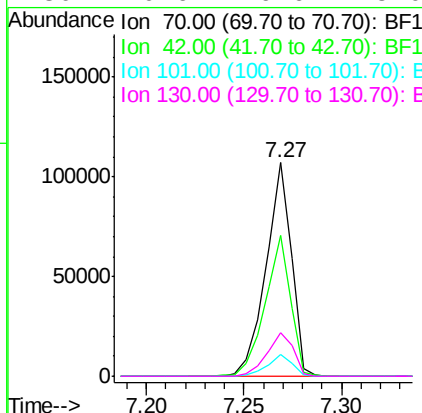


#19  
n-Nitroso-di-n-propylamine  
Concen: 36.310 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

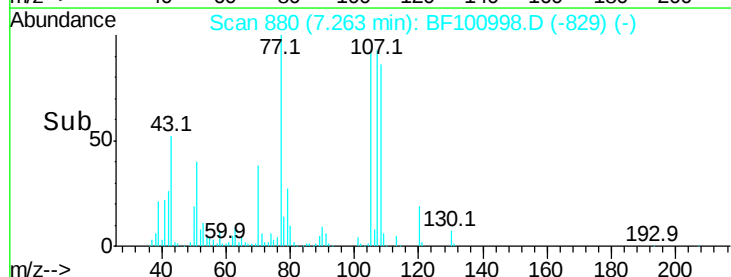
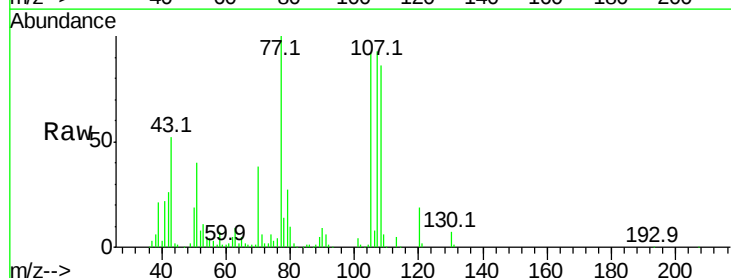
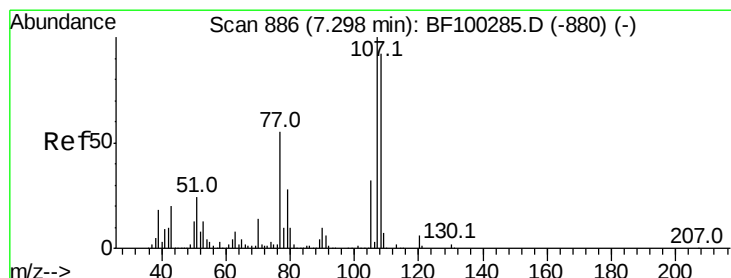
| Tot Ion   | 70    | Resp: | 96698 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 65.9  | 47.5  | 71.3  |
| 101       | 10.4  | 7.4   | 11.2  |
| 130       | 20.6  | 16.6  | 25.0  |

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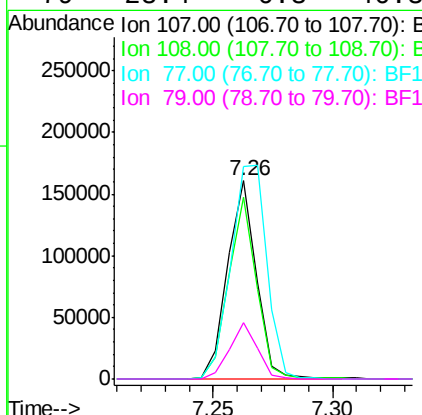
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#20  
3+4-Methylphenols  
Concen: 37.904 ng m  
RT: 7.26 min Scan# 880  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion   | 107   | Resp: | 135036 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 91.7  | 68.2  | 108.2  |
| 77        | 107.0 | 26.7  | 66.7#  |
| 79        | 28.4  | 6.3   | 46.3   |



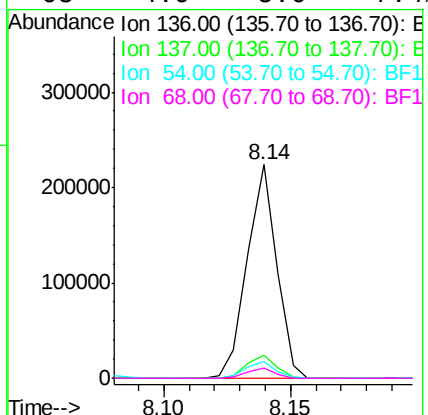
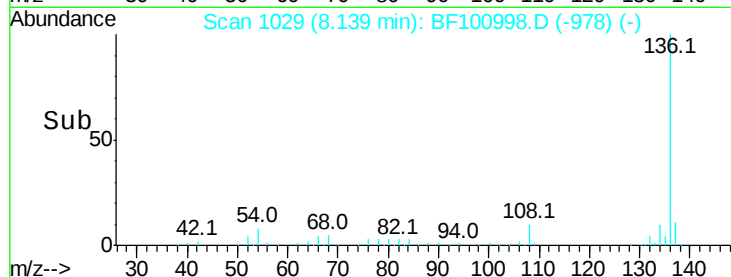
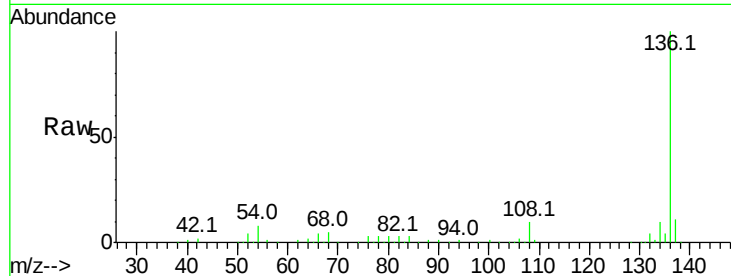


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

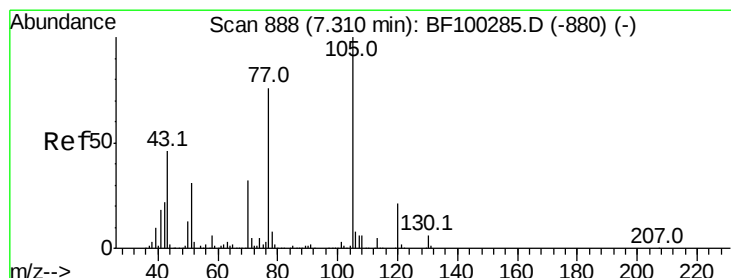
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.9  | 8.9  | 13.3  |       |
| 54      | 7.9   | 6.6  | 9.8   |       |
| 68      | 4.9   | 5.0  | 7.4   |       |

Manual Integrations  
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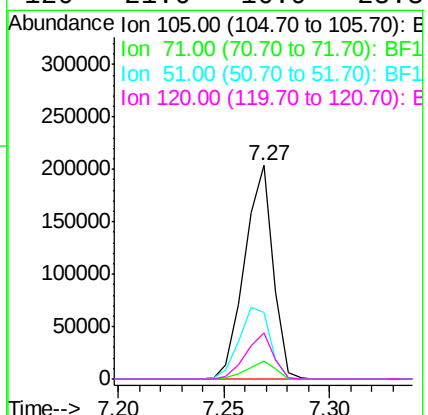
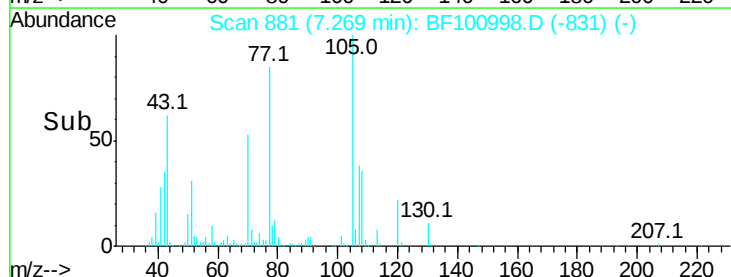
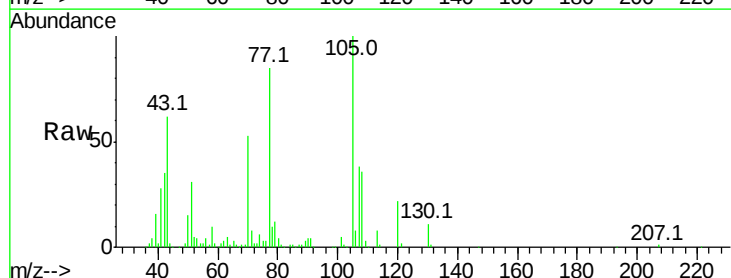
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#22  
Acetophenone  
Concen: 42.943 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 8.3   | 4.4  | 6.6   |       |
| 51      | 31.4  | 22.3 | 33.5  |       |
| 120     | 21.6  | 16.9 | 25.3  |       |



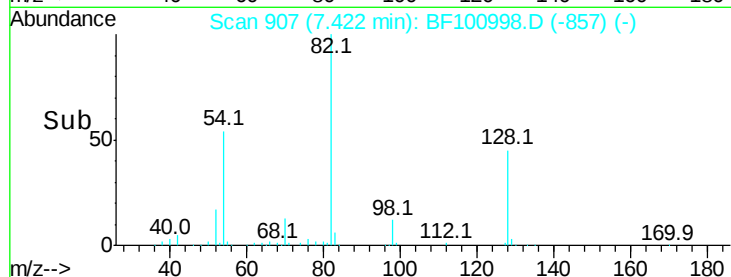
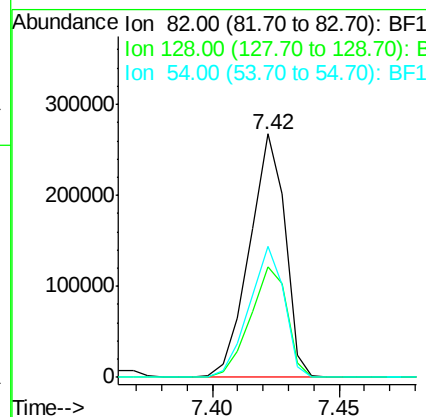
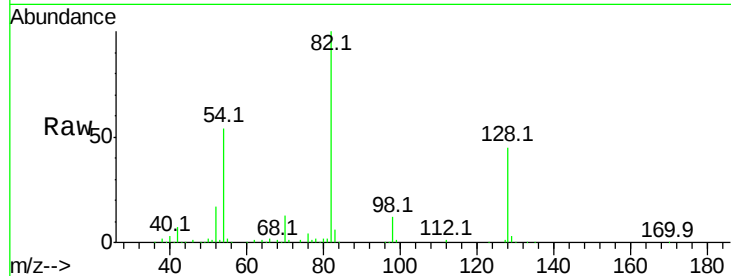


#23  
Nitrobenzene-d5  
Concen: 95.236 ng  
RT: 7.42 min Scan# 907  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

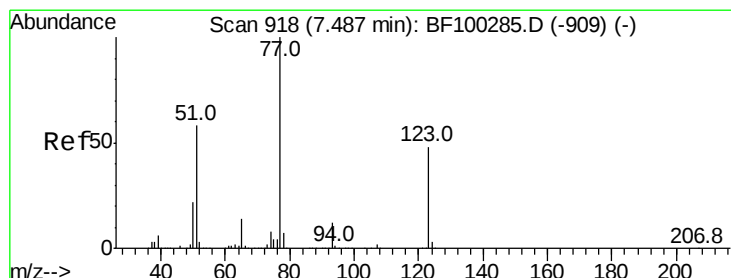
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.1  | 36.1  | 54.1  |
| 54      | 54.0  | 41.4  | 62.2  |

Manual Integrations  
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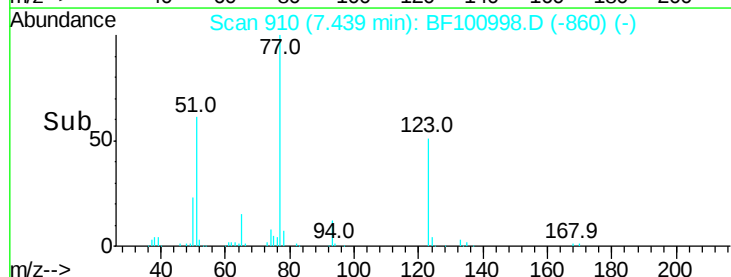
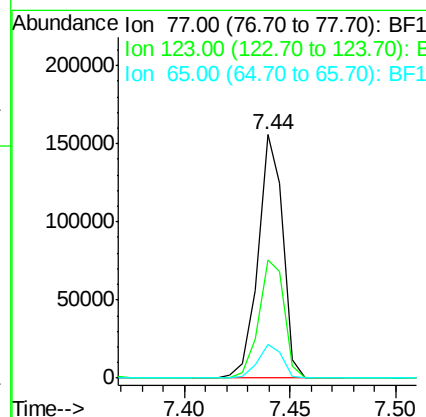
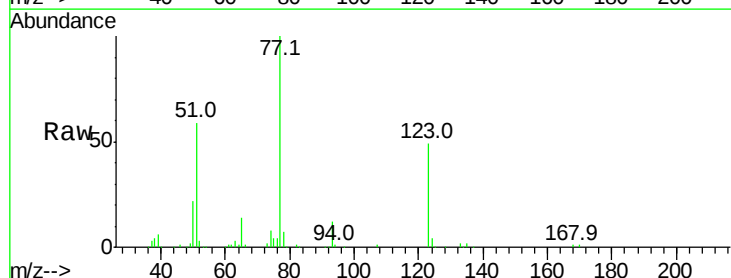
Sohil

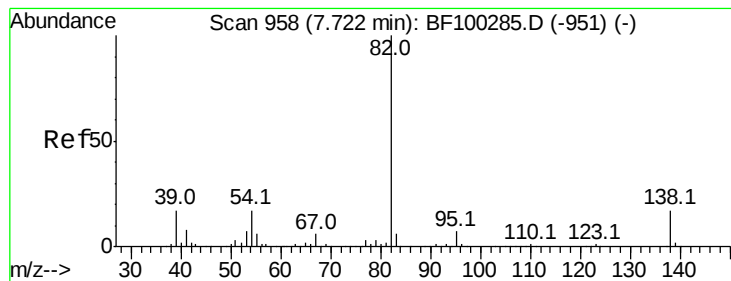
11/30/2017 4:32:26 PM



#24  
Nitrobenzene  
Concen: 45.104 ng  
RT: 7.44 min Scan# 910  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.6  | 37.9  | 56.9  |
| 65      | 13.9  | 11.0  | 16.4  |





#25

Isophorone

Concen: 37.537 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

Instrument :

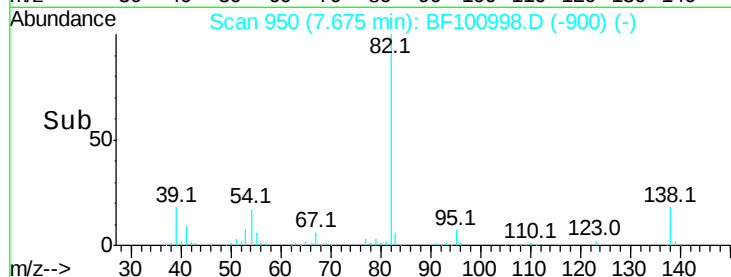
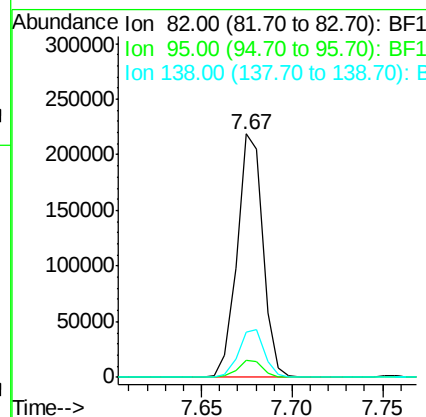
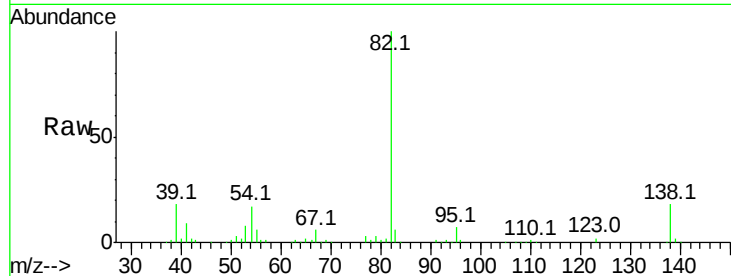
BNA\_F

ClientSampleId :

SSTDCCC040

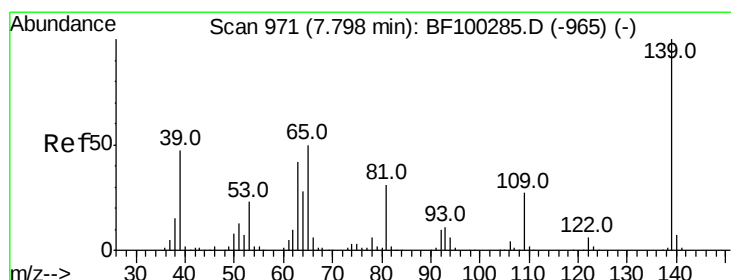
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 216592 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.9  | 5.2   | 7.8    |
| 138       | 18.4 | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 43.085 ng

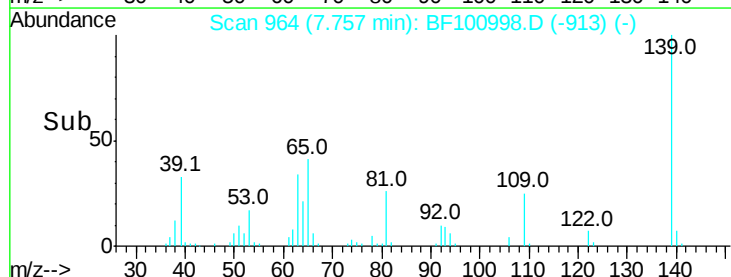
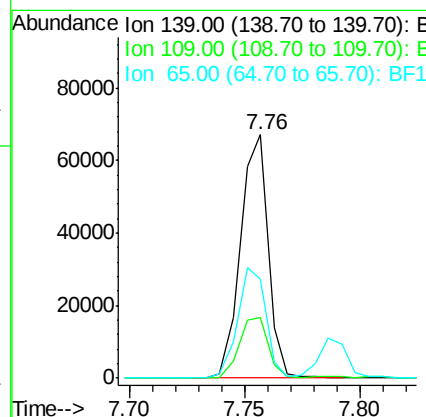
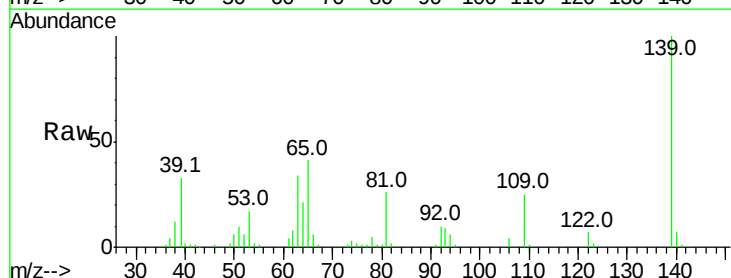
RT: 7.76 min Scan# 964

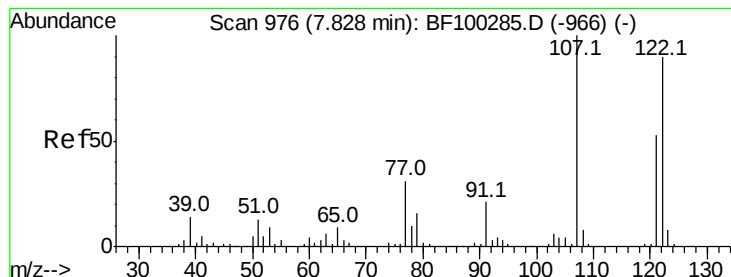
Delta R.T. -0.00 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 56268 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 25.1 | 22.7  | 34.1  |
| 65        | 40.6 | 40.5  | 60.7  |





#27

2,4-Dimethylphenol

Concen: 40.553 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

Instrument :

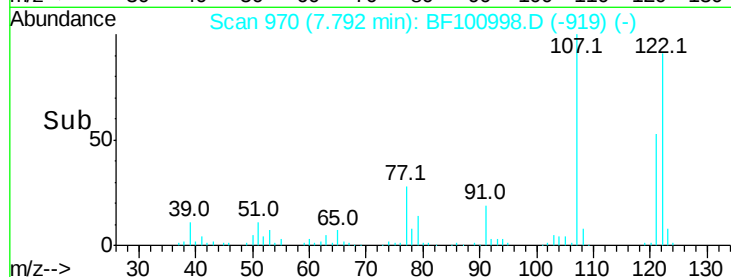
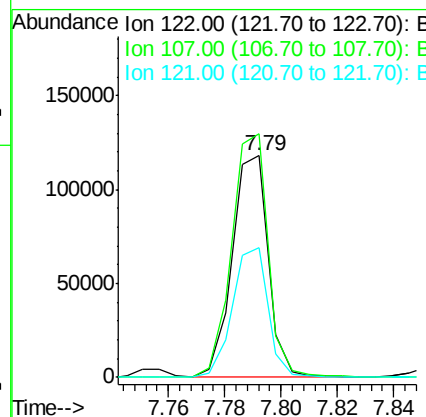
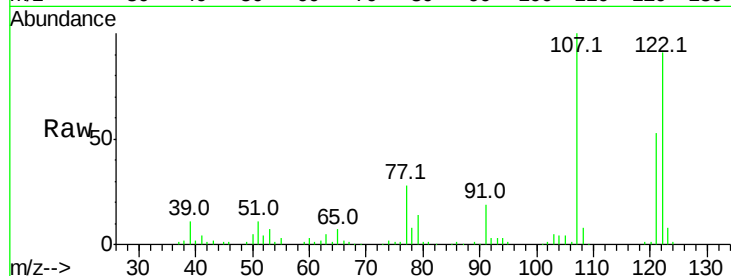
BNA\_F

ClientSampleId :

SSTDCCC040

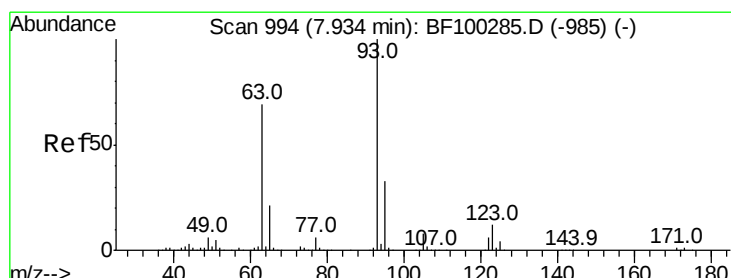
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.0 | 91.2  | 136.8 |
| 121     | 58.5  | 47.2  | 70.8  |

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 40.100 ng

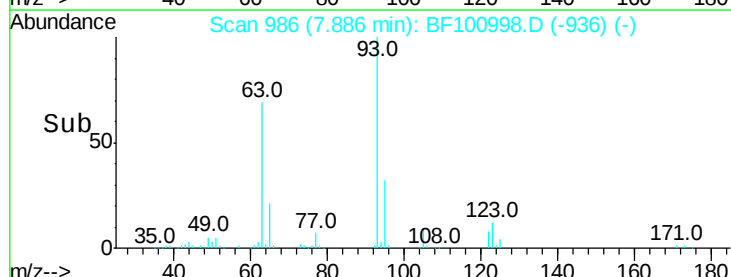
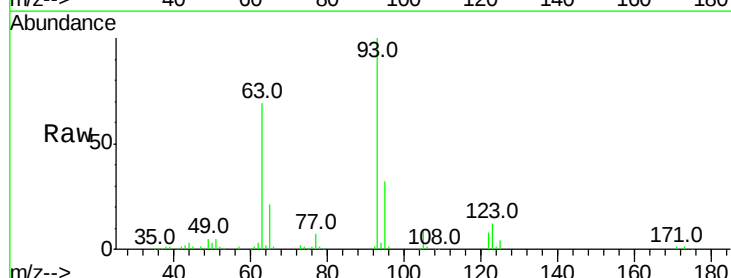
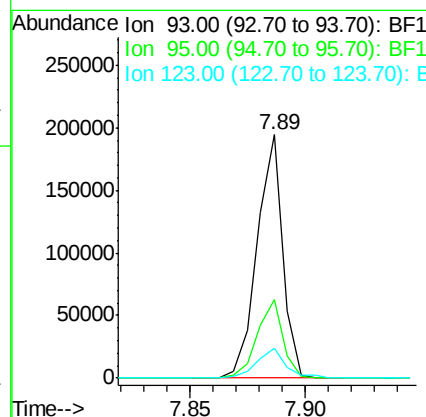
RT: 7.89 min Scan# 986

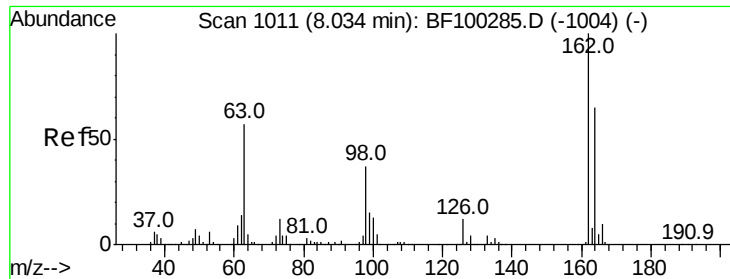
Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 26.3  | 39.5  |
| 123     | 12.2  | 9.8   | 14.6  |



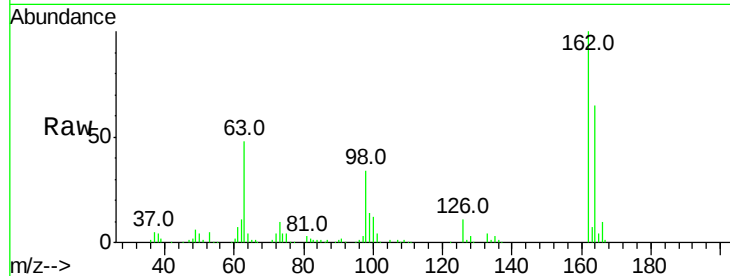


#29  
2,4-Dichlorophenol  
Concen: 43.459 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

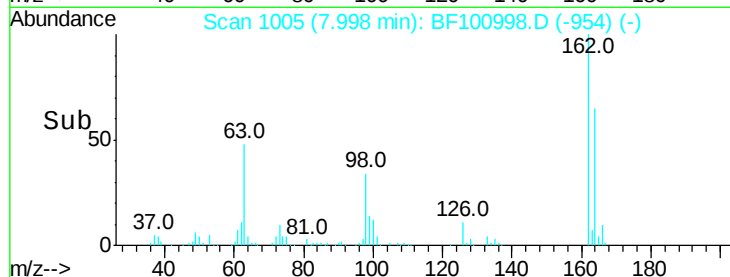
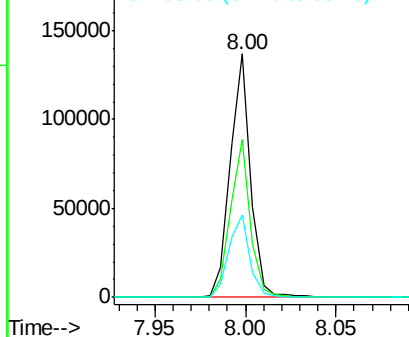
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 64.8  | 42.7 | 82.7  |       |
| 98      | 33.7  | 18.1 | 58.1  |       |

Manual Integrations  
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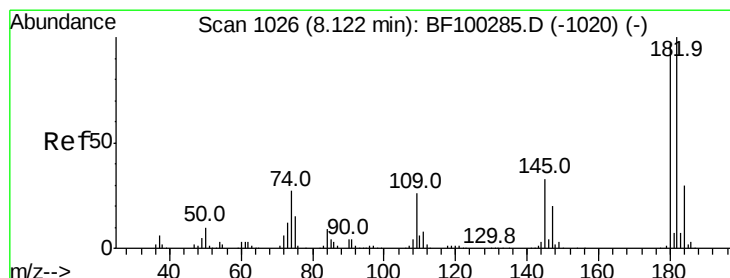


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1



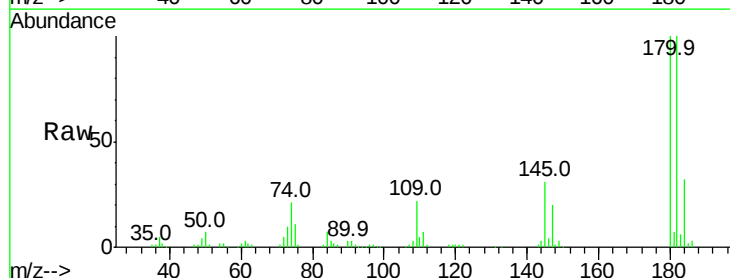
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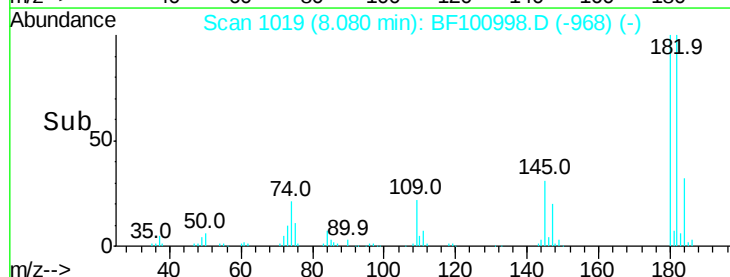
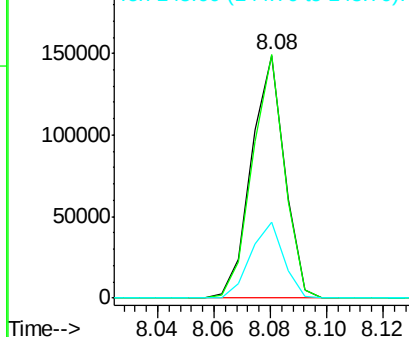


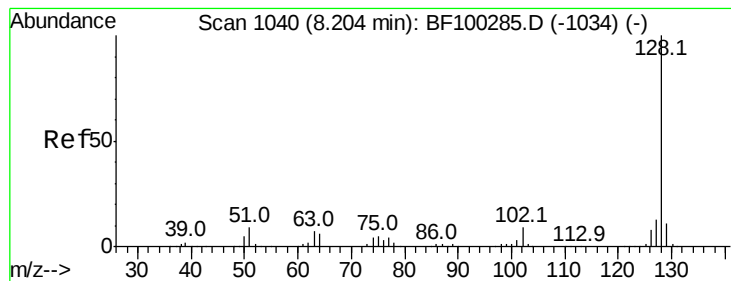
#30  
1,2,4-Trichlorobenzene  
Concen: 45.425 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 100.3 | 76.8 | 115.2 |       |
| 145     | 31.1  | 26.5 | 39.7  |       |



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





#31

Naphthalene

Concen: 41.900 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

Instrument :

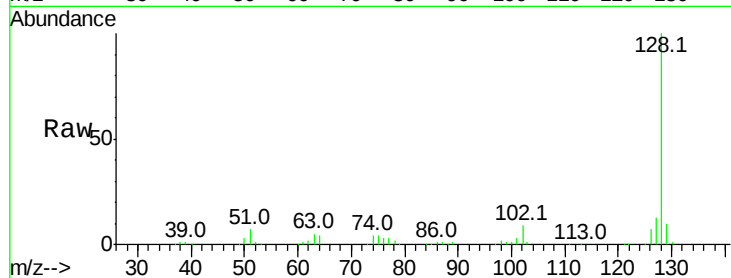
BNA\_F

ClientSampleId :

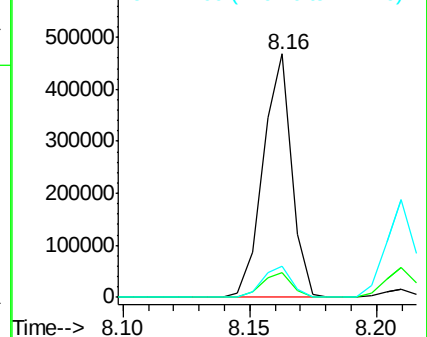
SSTDCCC040

|             |       |        |
|-------------|-------|--------|
| Tot Ion:128 | Resp: | 366358 |
| Ion Ratio   | Lower | Upper  |
| 128 100     |       |        |
| 129 10.3    | 8.8   | 13.2   |
| 127 12.8    | 10.9  | 16.3   |

Manual Integrations  
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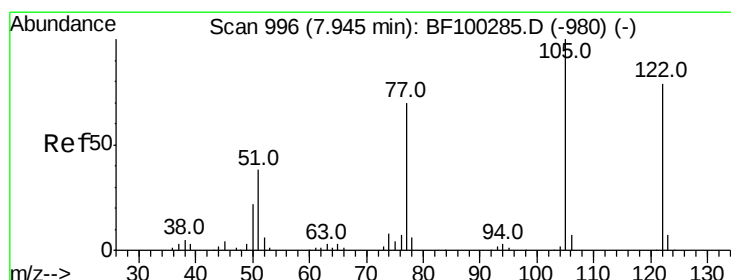
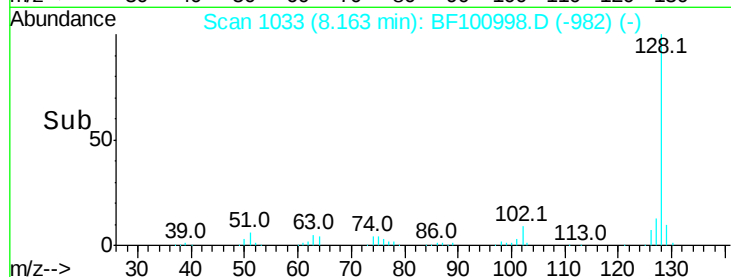


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 35.798 ng

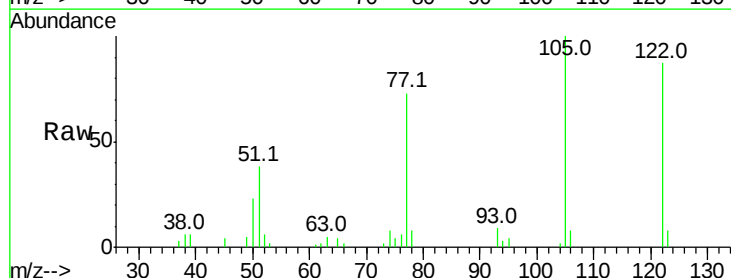
RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

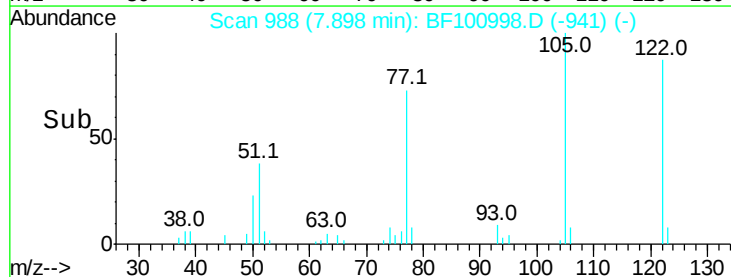
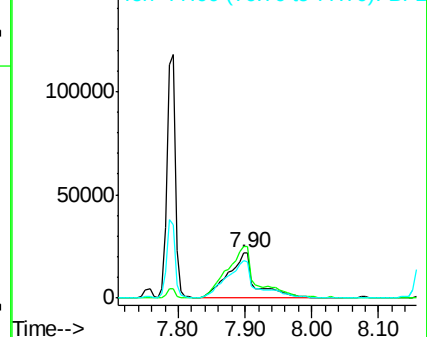
Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:122 | Resp: | 65042 |
| Ion Ratio   | Lower | Upper |
| 122 100     |       |       |
| 105 114.7   | 101.1 | 141.1 |
| 77 83.8     | 70.7  | 110.7 |



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



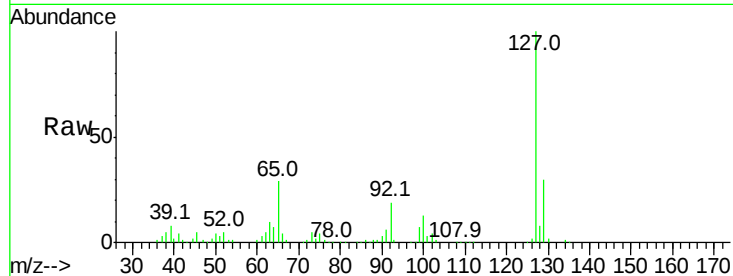


#33  
4-Chloroaniline  
Concen: 40.372 ng  
RT: 8.21 min Scan# 1041  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

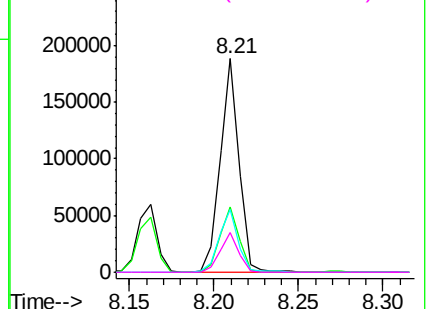
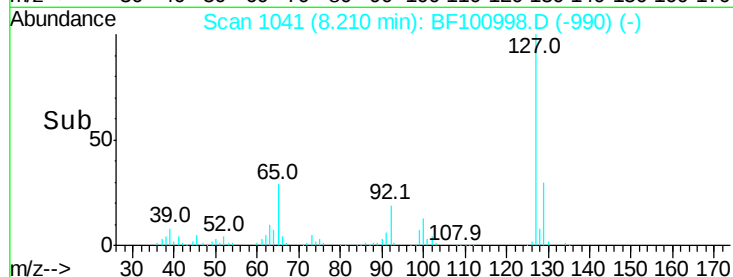
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 30.4  | 25.9 | 38.9  |       |
| 65      | 29.3  | 25.0 | 37.4  |       |
| 92      | 18.6  | 15.2 | 22.8  |       |

Manual Integrations  
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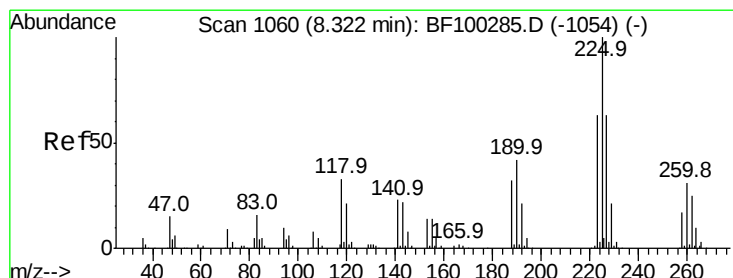


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1



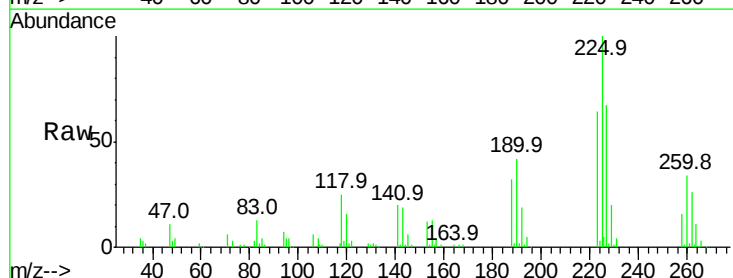
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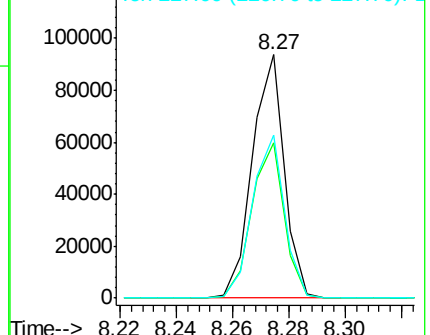
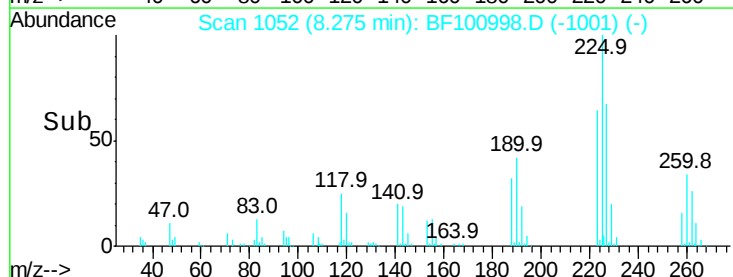


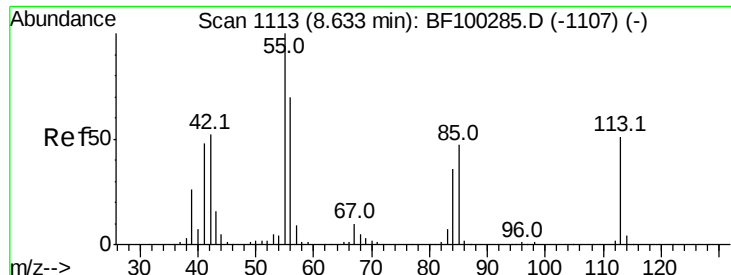
#34  
Hexachlorobutadiene  
Concen: 46.151 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.9  | 50.6 | 76.0  |       |
| 227     | 67.0  | 51.9 | 77.9  |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E



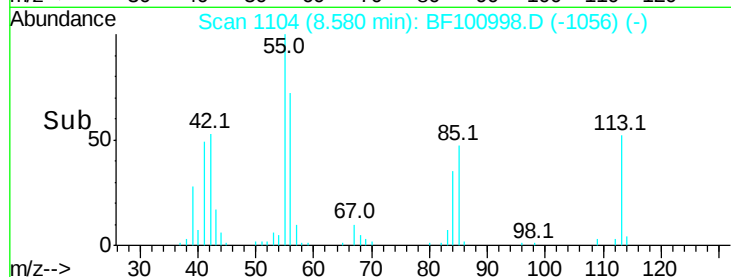
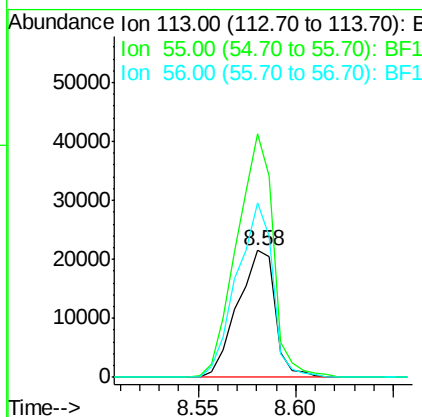
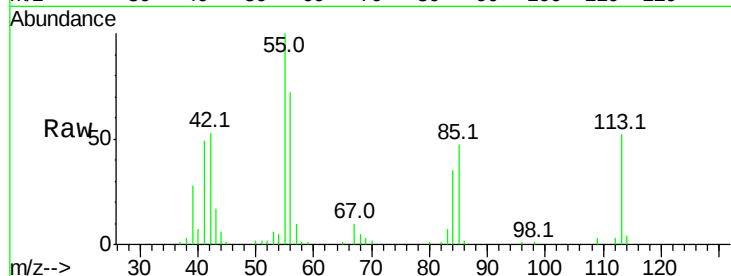


#35  
Caprolactam  
Concen: 33.803 ng  
RT: 8.58 min Scan# 1104  
Delta R.T. -0.02 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

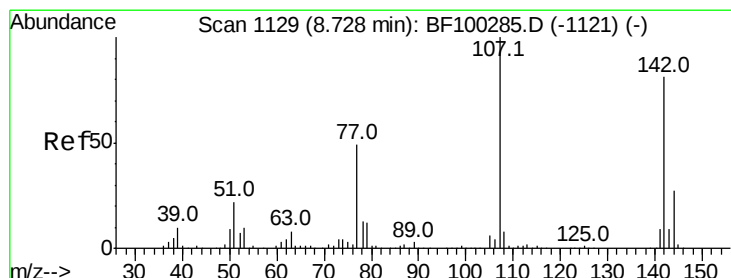
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 192.4 | 163.3 | 203.3 |
| 56      | 138.2 | 115.7 | 155.7 |

Manual Integrations  
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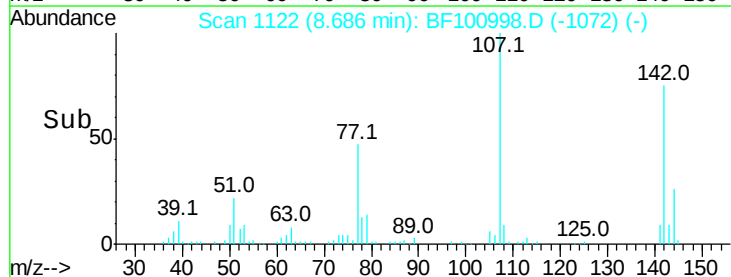
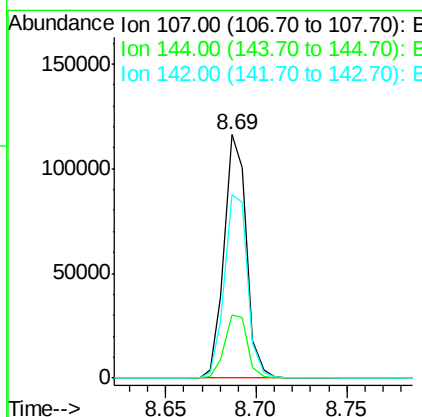
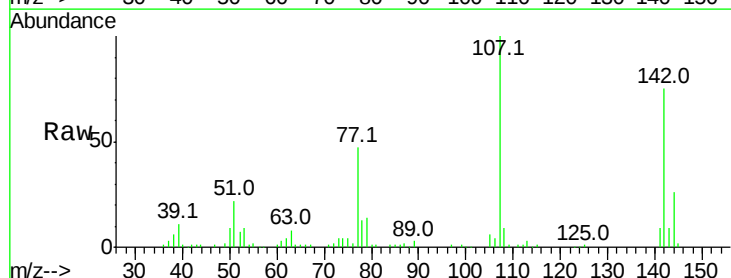
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#36  
4-Chloro-3-methylphenol  
Concen: 37.691 ng  
RT: 8.69 min Scan# 1122  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.9  | 20.5  | 30.7  |
| 142     | 75.3  | 62.0  | 93.0  |



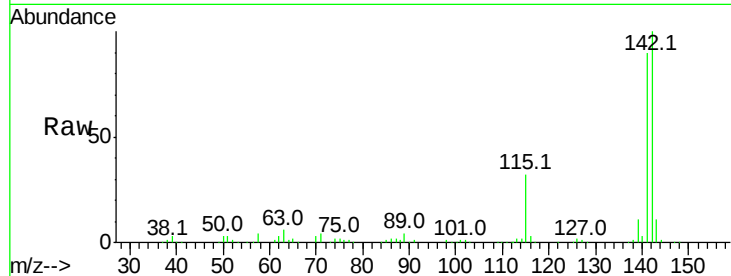


#37  
2-Methylnaphthalene  
Concen: 40.280 ng  
RT: 8.85 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

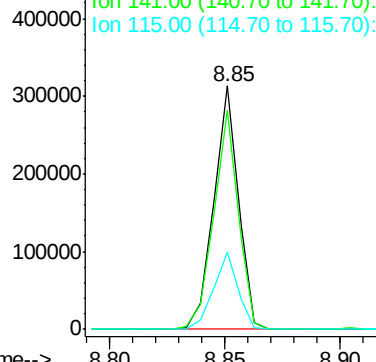
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 70.8  | 106.2 |
| 115     | 31.8  | 26.1  | 39.1  |

Manual Integrations  
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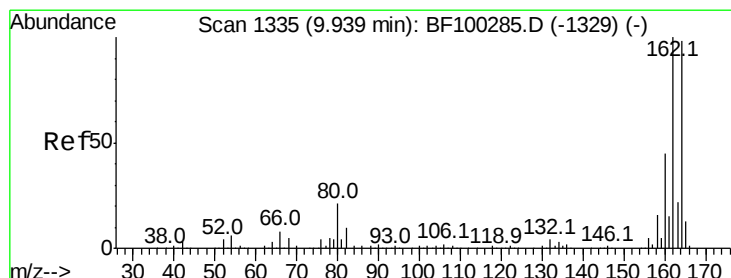
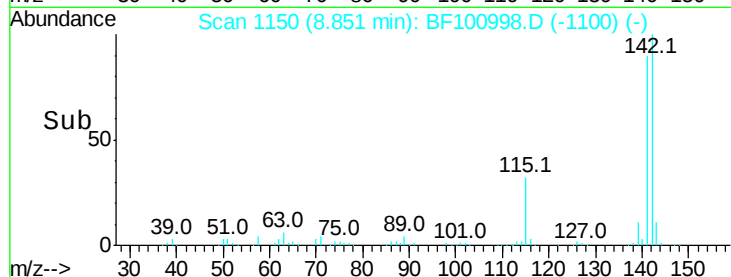


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



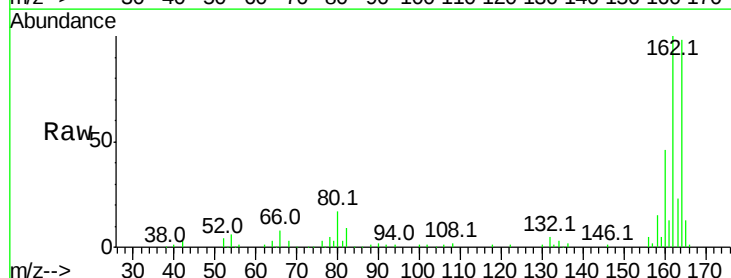
Sohil

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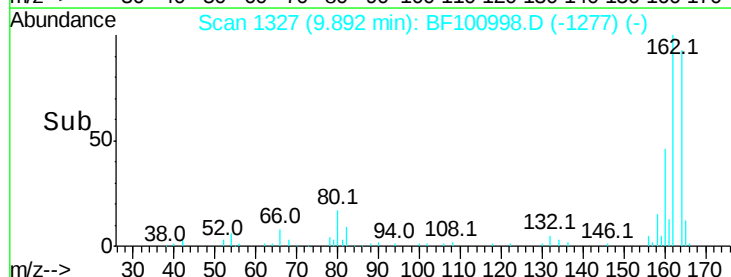
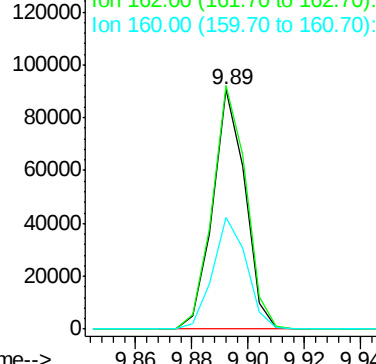


#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.8 | 86.1  | 129.1 |
| 160     | 46.9  | 38.3  | 57.5  |



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E



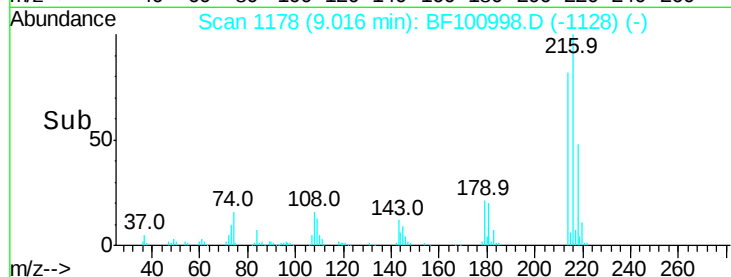
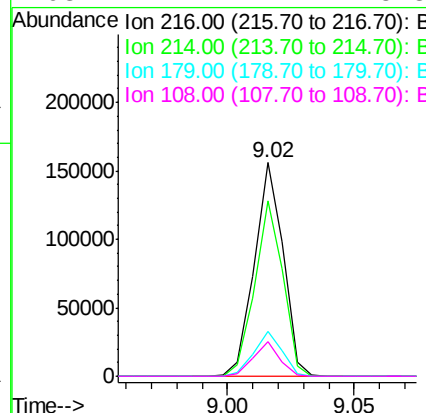
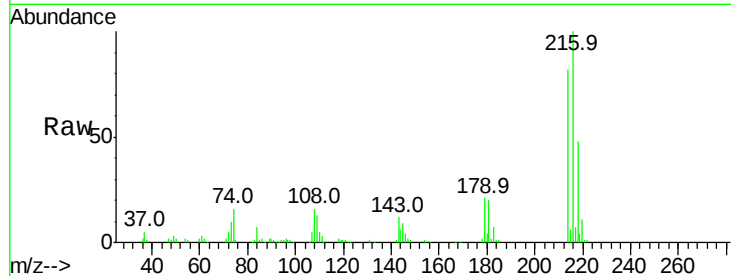


#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 51.586 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

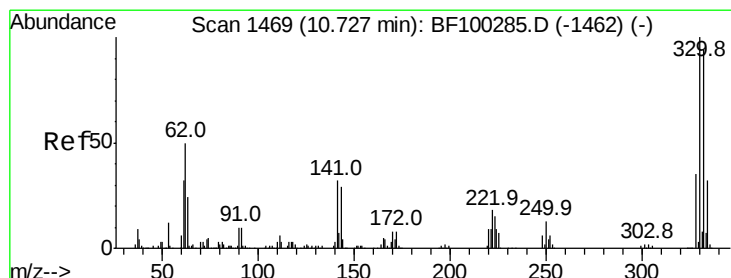
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 80.4  | 63.0       | 94.4  |
| 179     | 20.5  | 18.1       | 27.1  |
| 108     | 14.7  | 17.2       | 25.8  |

Manual Integrations  
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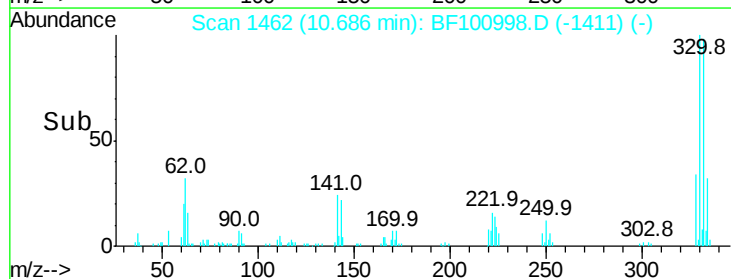
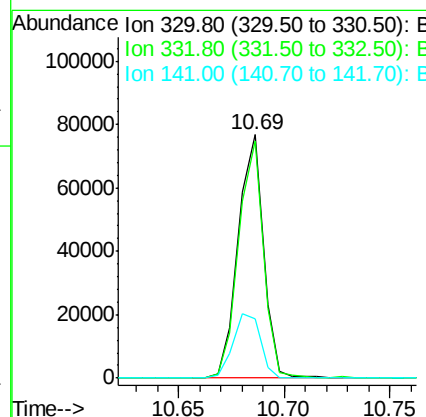
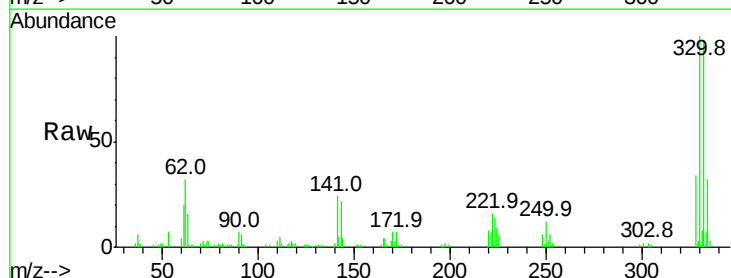
Sohil

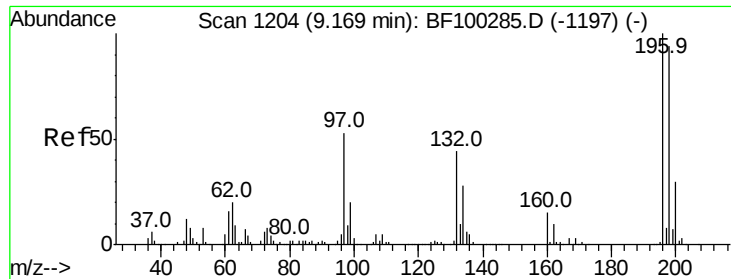
11/30/2017 4:32:26 PM



#41  
 2,4,6-Tribromophenol  
 Concen: 86.499 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. -0.00 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 95.4  | 77.0       | 115.6 |
| 141     | 28.7  | 29.9       | 44.9  |



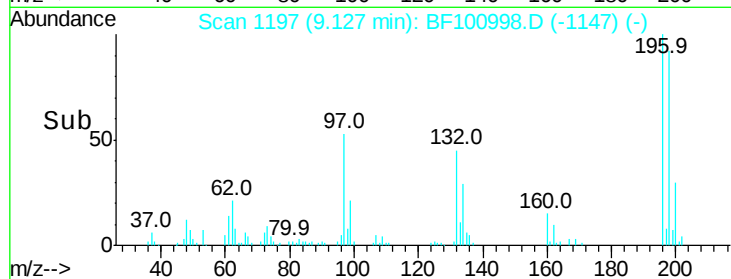
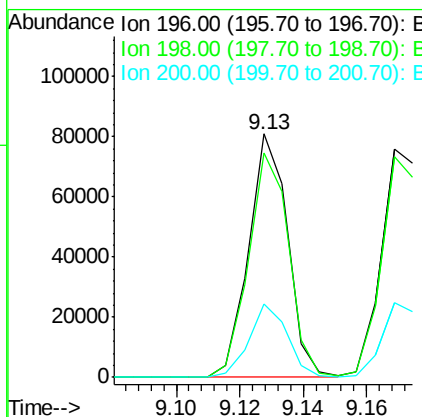
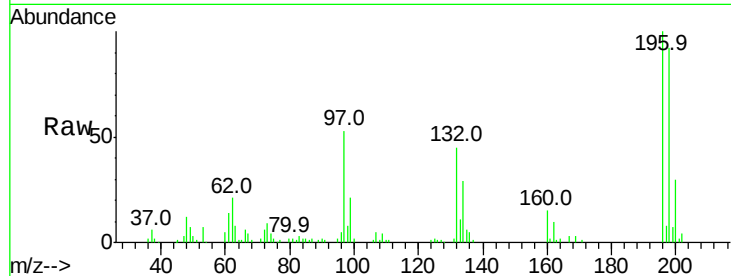


#42  
 2,4,6-Trichlorophenol  
 Concen: 45.669 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

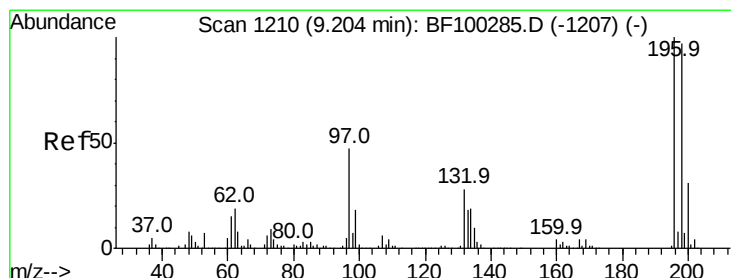
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 69040 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 92.2  | 75.7  | 113.5 |
| 200       | 29.9  | 24.5  | 36.7  |

Manual Integrations  
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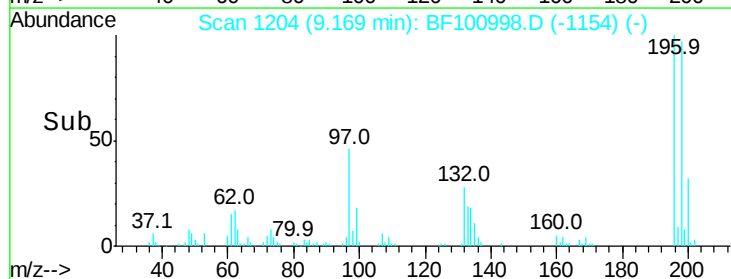
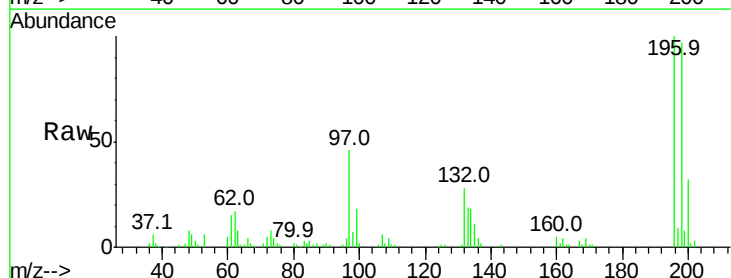
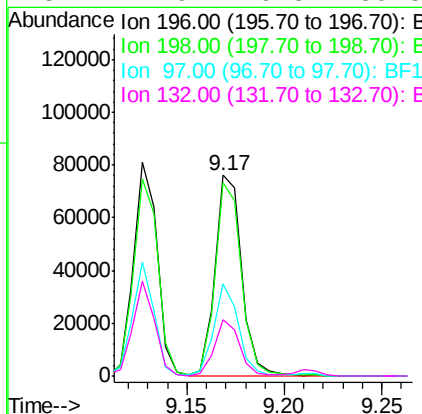
Sohil

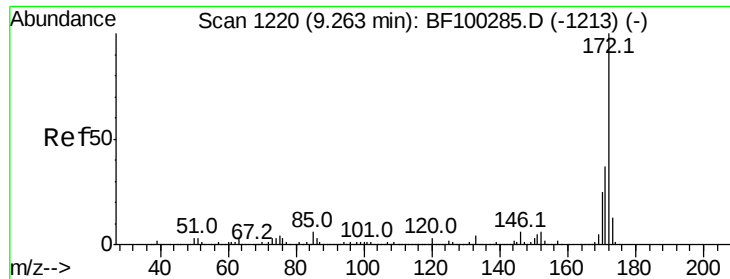
11/30/2017 4:32:26 PM



#43  
 2,4,5-Trichlorophenol  
 Concen: 45.902 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 71895 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 96.7  | 74.6  | 112.0 |
| 97        | 46.0  | 42.9  | 64.3  |
| 132       | 27.9  | 26.3  | 39.5  |





#44

2-Fluorobiphenyl

Concen: 105.283 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

Instrument :

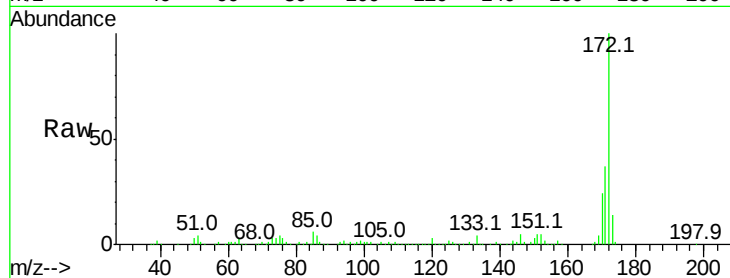
BNA\_F

ClientSampleId :

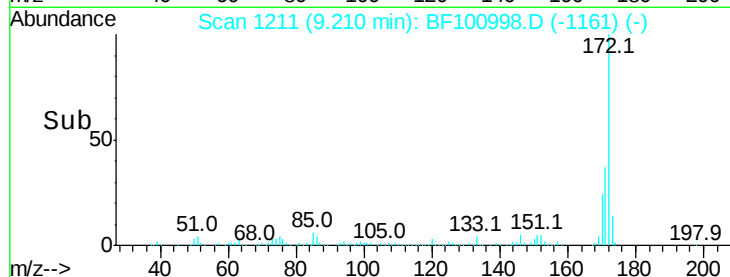
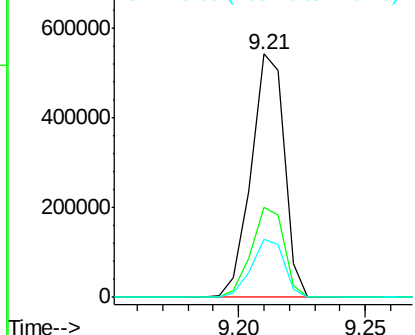
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 172   | Resp: | 497276 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 36.8  | 29.7  | 44.5   |
| 170       | 24.1  | 19.6  | 29.4   |

Manual Integrations  
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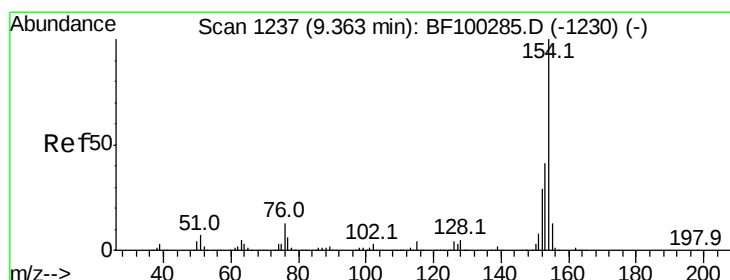


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E



Sohil

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#45

1,1'-Biphenyl

Concen: 48.074 ng

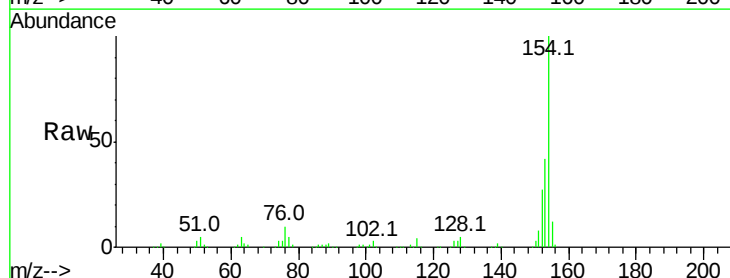
RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

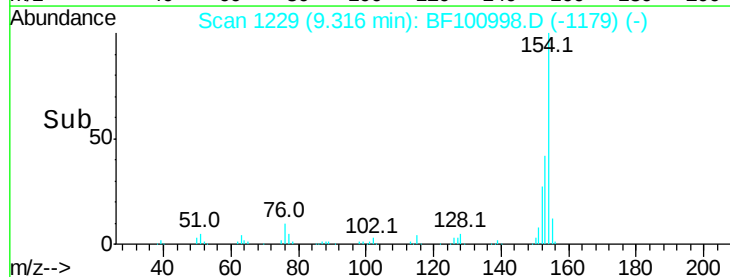
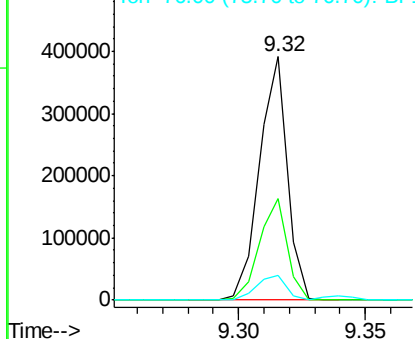
Lab File: BF100998.D

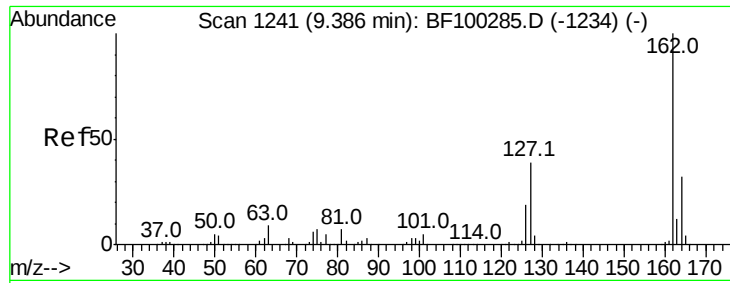
Acq: 30 Nov 2017 1:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 299041 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.5  | 21.3  | 61.3   |
| 76        | 10.3  | 0.0   | 34.0   |



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



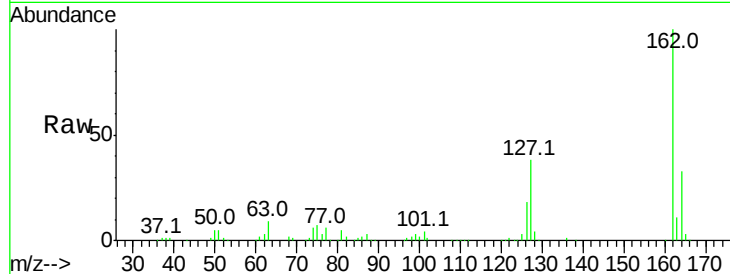


#46  
 2-Chloronaphthalene  
 Concen: 46.127 ng  
 RT: 9.34 min Scan# 1233  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

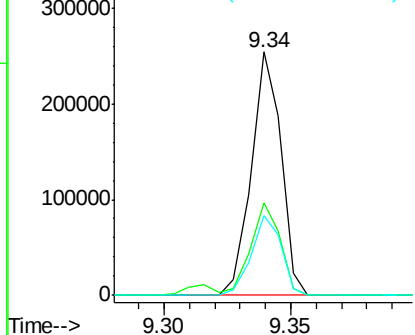
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 38.1  | 33.9       | 50.9  |
| 164     | 32.8  | 26.5       | 39.7  |

Manual Integrations  
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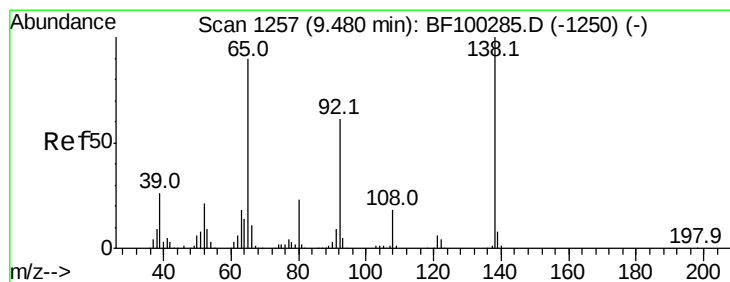
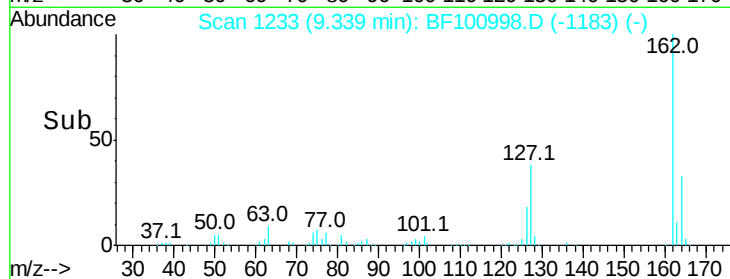


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E



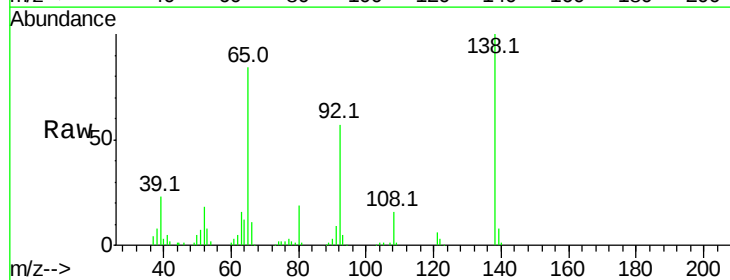
Sohil

11/30/2017 4:32:26 PM

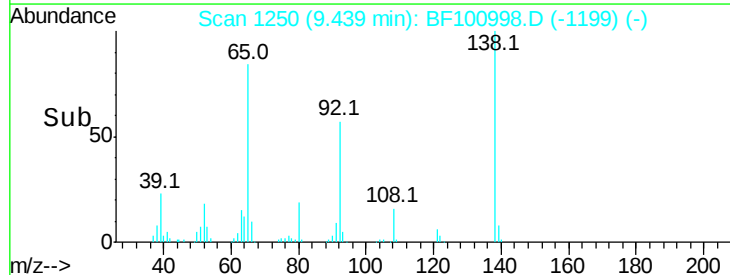
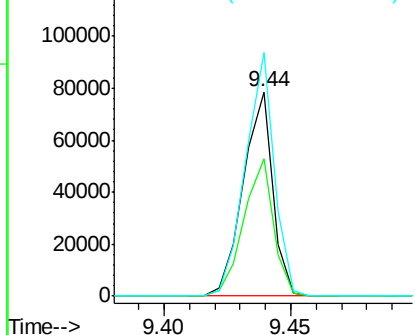


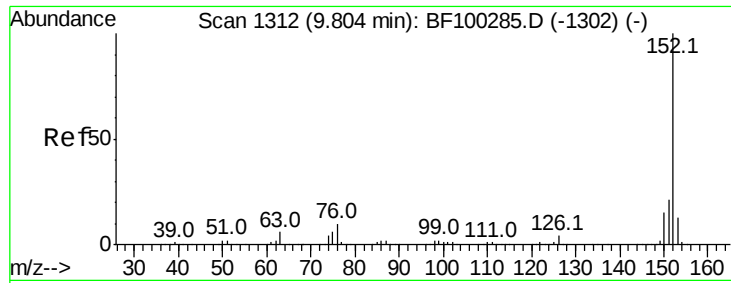
#47  
 2-Nitroaniline  
 Concen: 47.605 ng  
 RT: 9.44 min Scan# 1250  
 Delta R.T. -0.00 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 67.5  | 55.8       | 83.6  |
| 138     | 119.3 | 91.2       | 136.8 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 138.00 (137.70 to 138.70): E



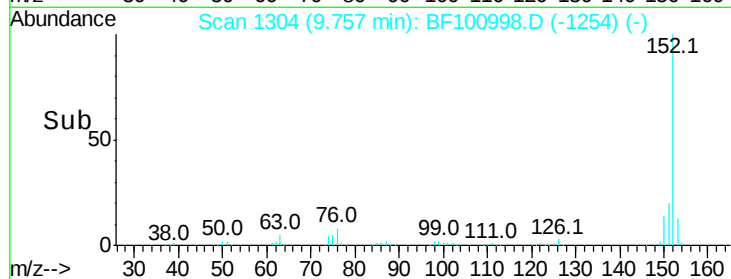
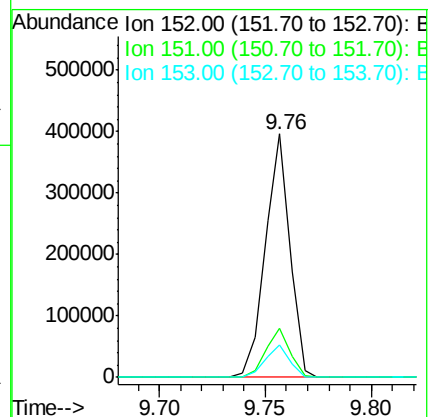
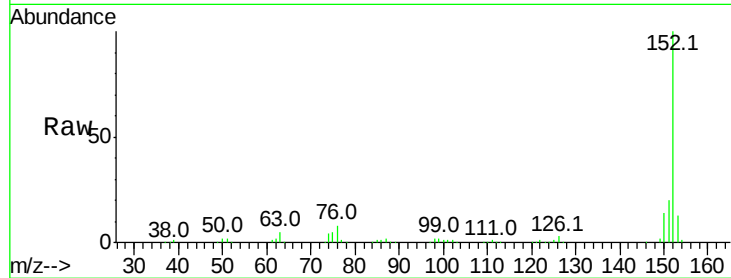


#48  
Acenaphthylene  
Concen: 42.925 ng  
RT: 9.76 min Scan# 1304  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

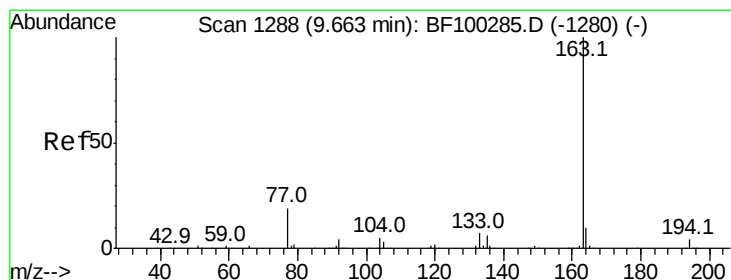
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.3  | 24.5  |
| 153     | 13.4  | 10.7  | 16.1  |

Manual Integrations  
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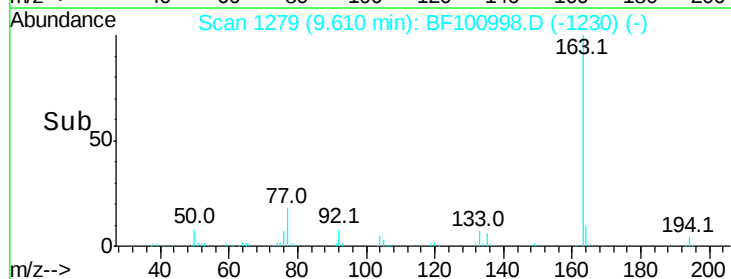
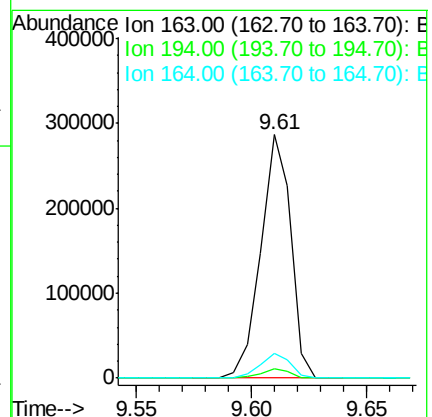
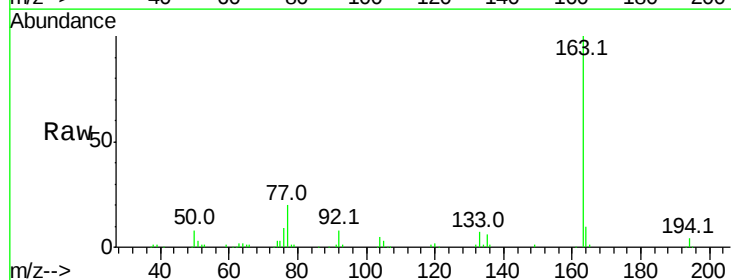
Sohil

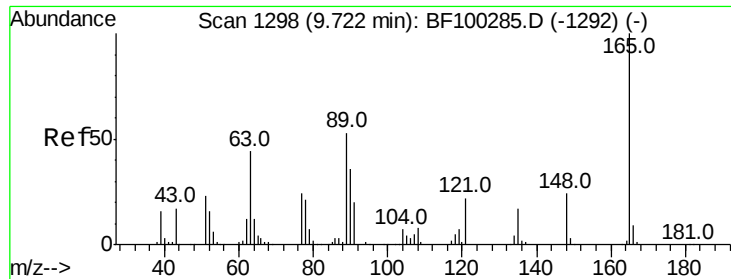
11/30/2017 4:32:26 PM



#49  
Dimethylphthalate  
Concen: 47.375 ng  
RT: 9.61 min Scan# 1279  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.6   | 2.7   | 4.1   |
| 164     | 10.1  | 8.2   | 12.2  |



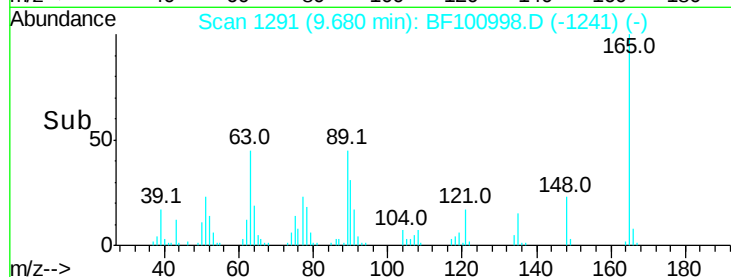
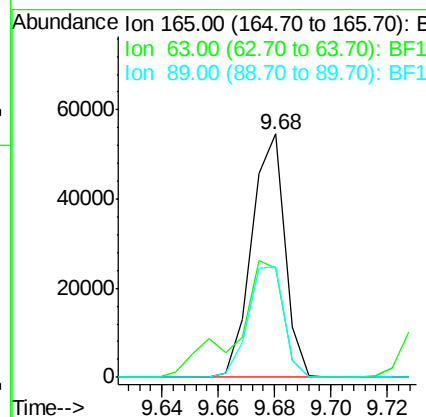
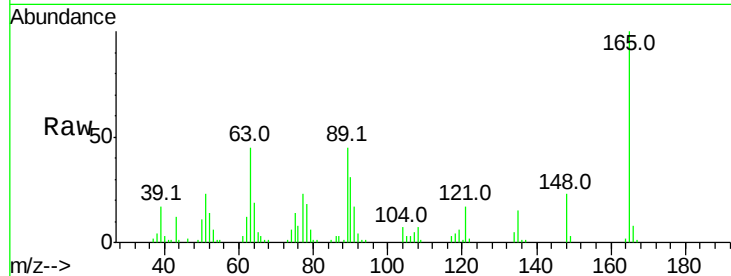


#50  
2,6-Dinitrotoluene  
Concen: 40.999 ng  
RT: 9.68 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

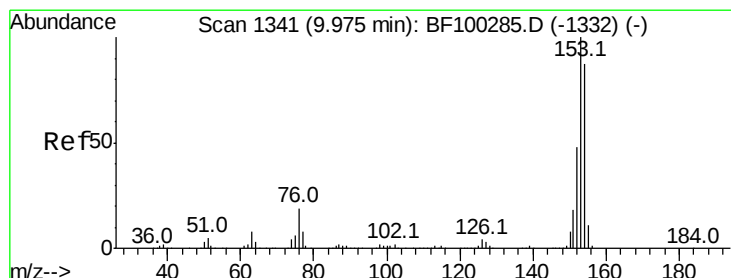
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 44.8  |      | 44.7  | 67.1  |
| 89      | 45.2  |      | 44.0  | 66.0  |

Manual Integrations  
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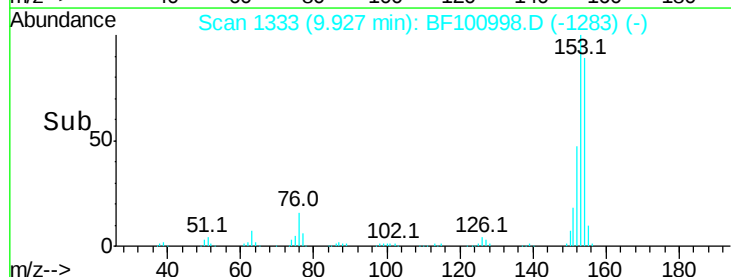
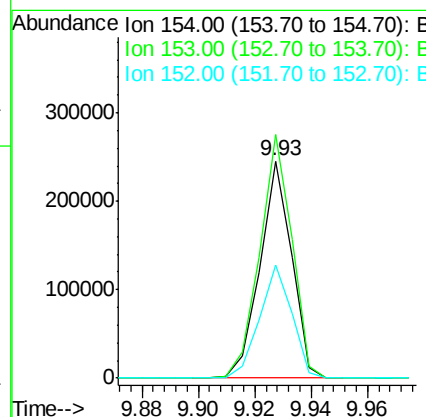
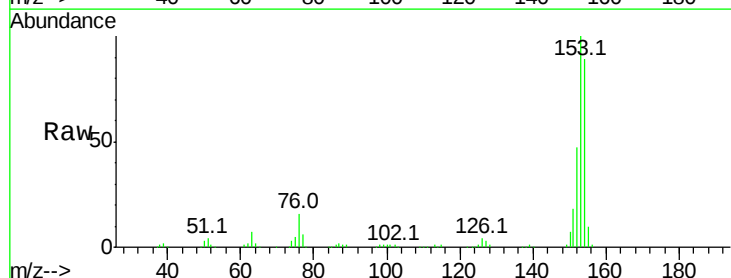
Sohil

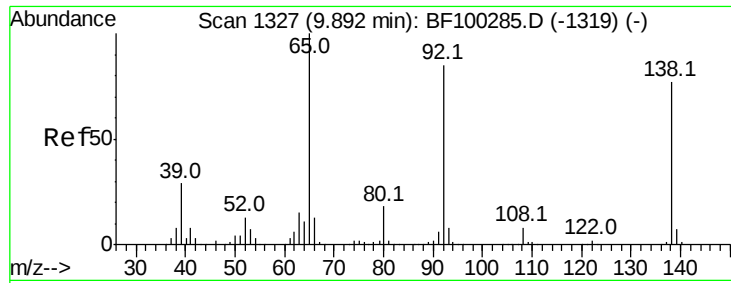
11/30/2017 4:32:26 PM



#51  
Acenaphthene  
Concen: 41.873 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 112.1 |      | 91.2  | 136.8 |
| 152     | 52.3  |      | 43.8  | 65.8  |



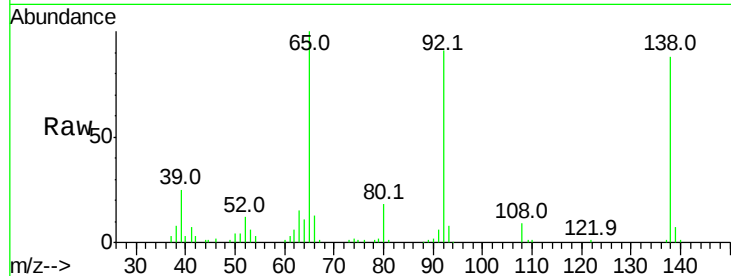


#52  
3-Nitroaniline  
Concen: 47.570 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

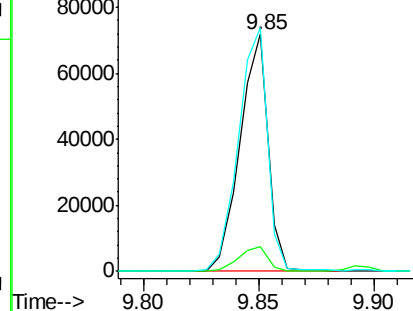
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.5  | 9.4   | 14.0  |
| 92      | 102.7 | 89.4  | 134.2 |

Manual Integrations  
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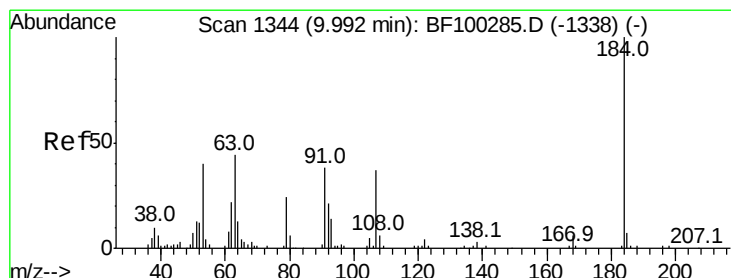
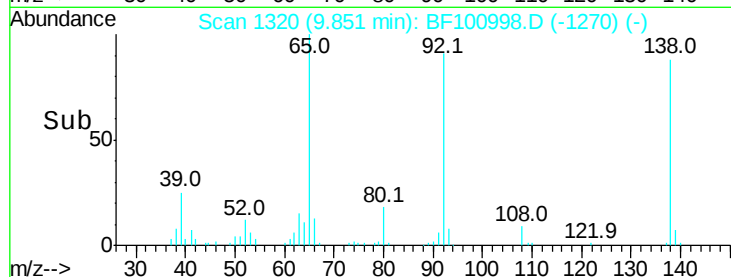


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1



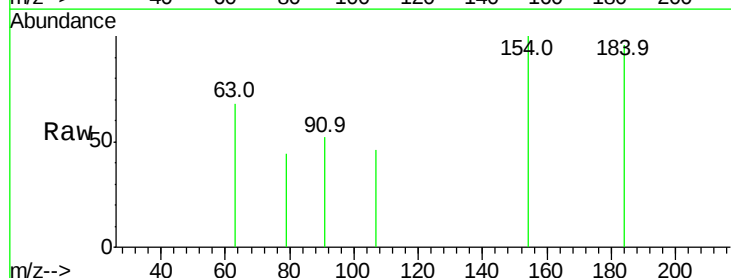
Sohil

11/30/2017 4:32:26 PM

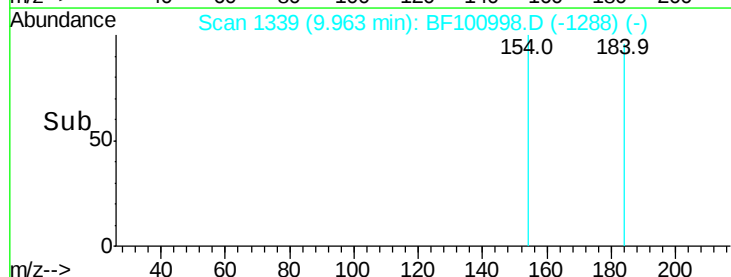
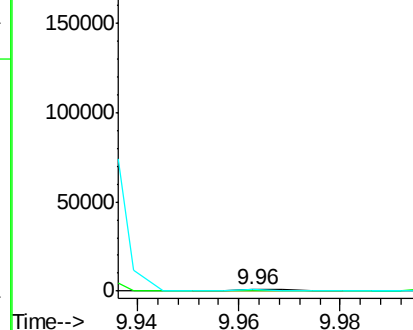


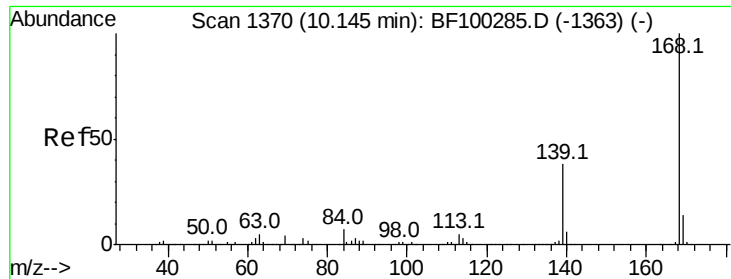
#53  
2,4-Dinitrophenol  
Concen: 9.103 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 70.2  | 54.2  | 81.2   |
| 154     | 104.0 | 184.0 | 276.0# |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E



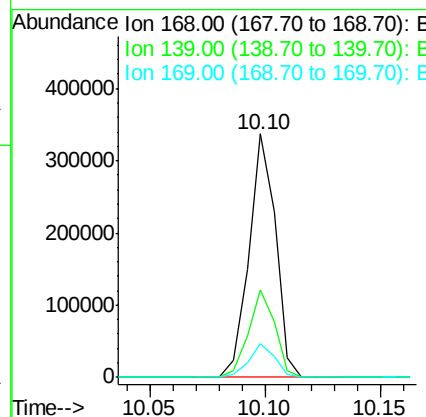
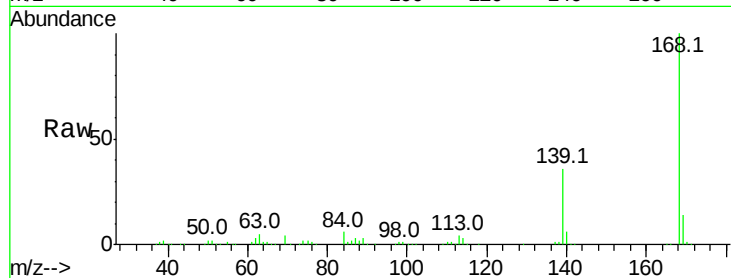


#54  
Dibenzenofuran  
Concen: 42.607 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

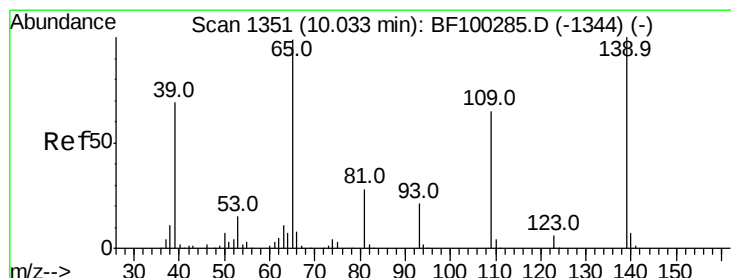
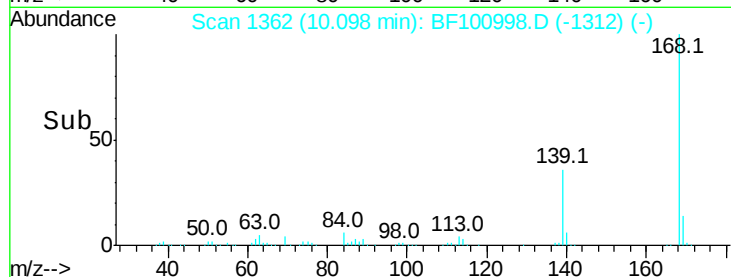
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 36.1  | 30.1 | 45.1  |       |
| 169     | 14.1  | 10.9 | 16.3  |       |

Manual Integrations  
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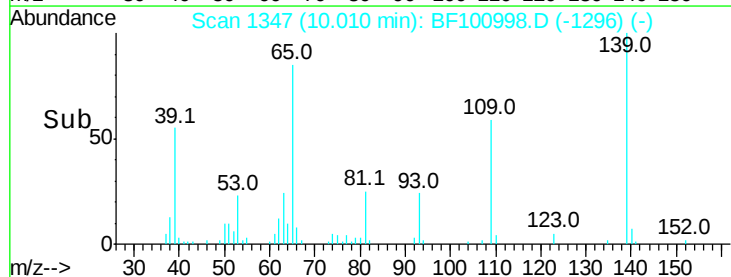
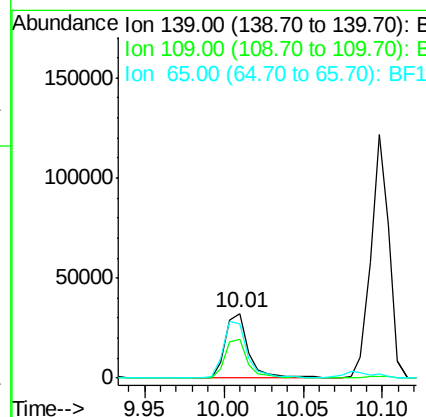
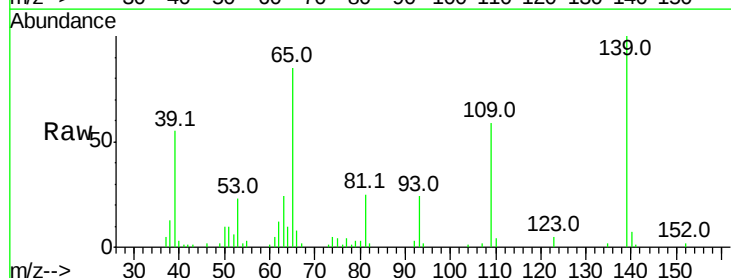
Sohil

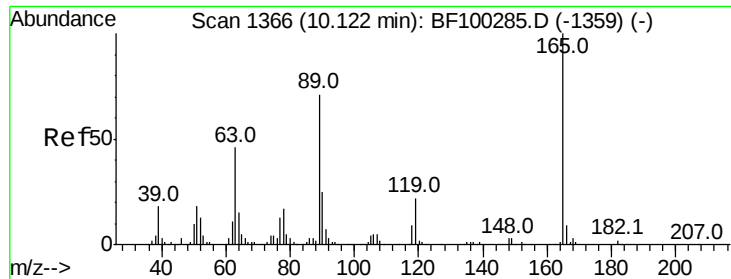
11/30/2017 4:32:26 PM



#55  
4-Nitrophenol  
Concen: 31.350 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 59.0  | 48.4 | 88.4  |       |
| 65      | 84.6  | 72.6 | 112.6 |       |



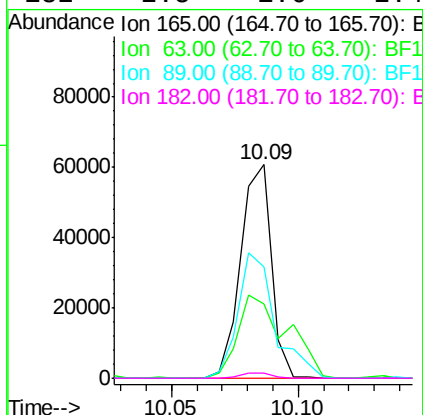
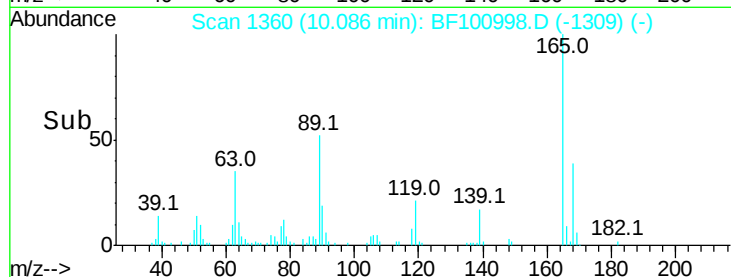
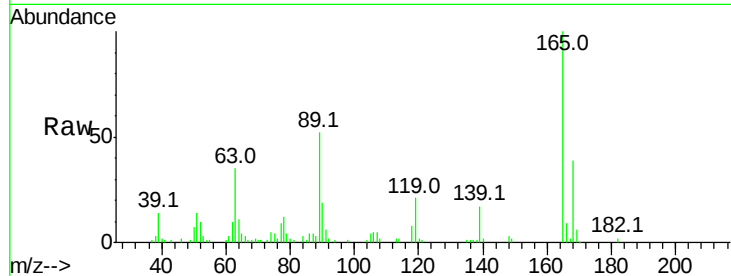


#56  
2,4-Dinitrotoluene  
Concen: 37.361 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

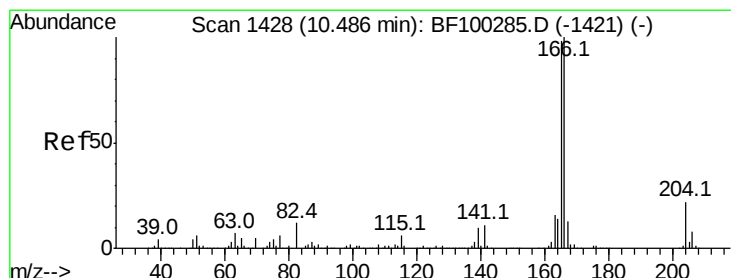
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 34.8  | 36.4       | 54.6# |
| 89      | 52.4  | 57.8       | 86.6# |
| 182     | 2.5   | 1.6        | 2.4#  |

Manual Integrations  
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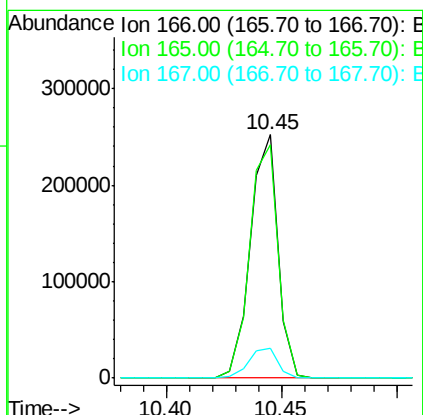
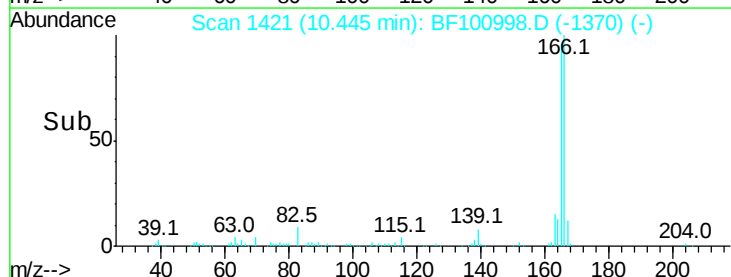
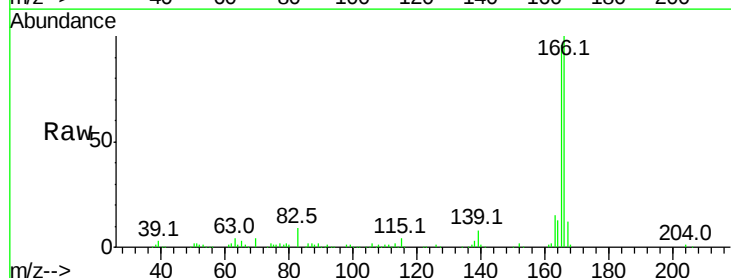
Sohil

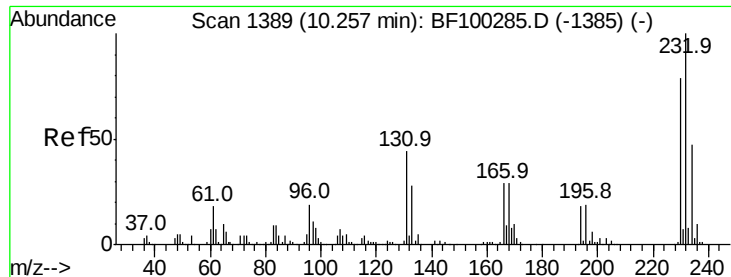
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#57  
Fluorene  
Concen: 45.021 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 96.1  | 79.8       | 119.8 |
| 167     | 12.5  | 10.6       | 16.0  |





#58

2,3,4,6-Tetrachlorophenol

Concen: 38.570 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 49511

Ion Ratio Lower Upper

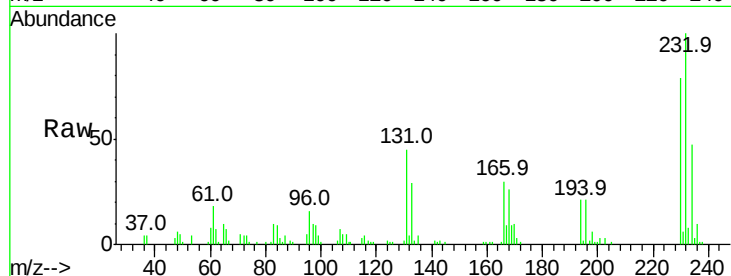
232 100

131 41.1 43.8 65.8#

130 1.8 2.1 3.1#

166 29.0 27.8 41.6

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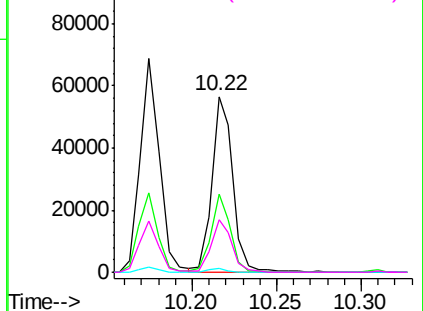


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

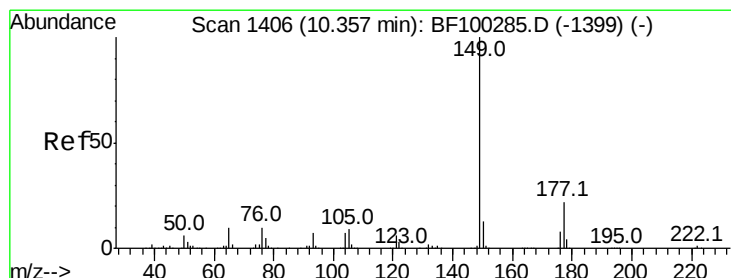
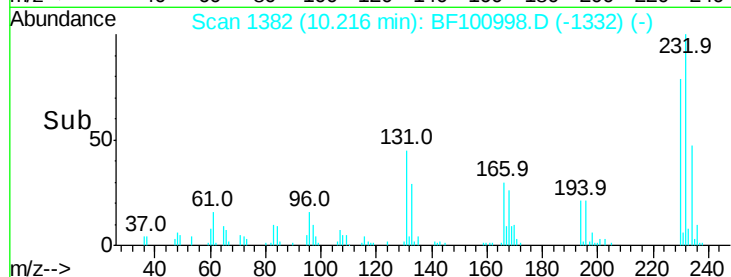
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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#59

Diethylphthalate

Concen: 44.031 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

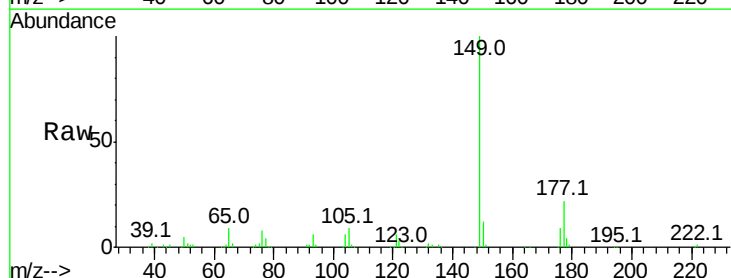
Tgt Ion:149 Resp: 241961

Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

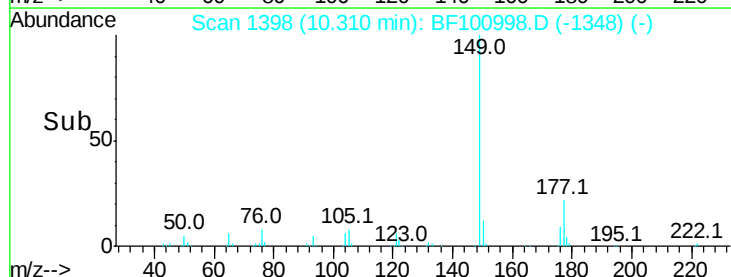
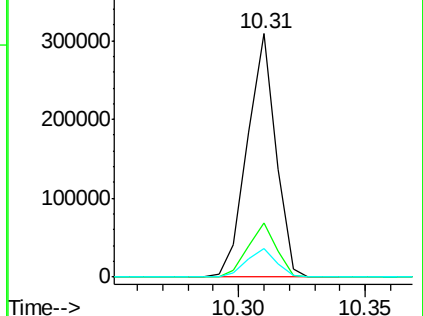
150 12.0 10.1 15.1

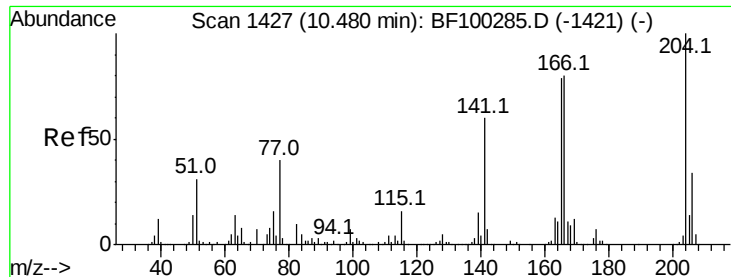


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



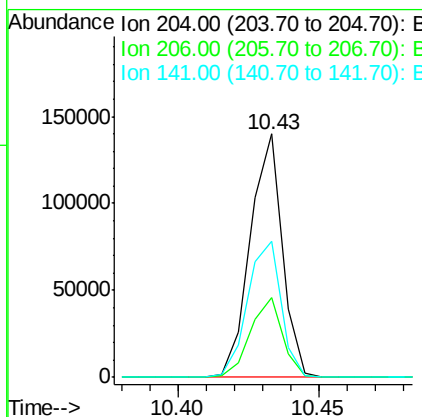
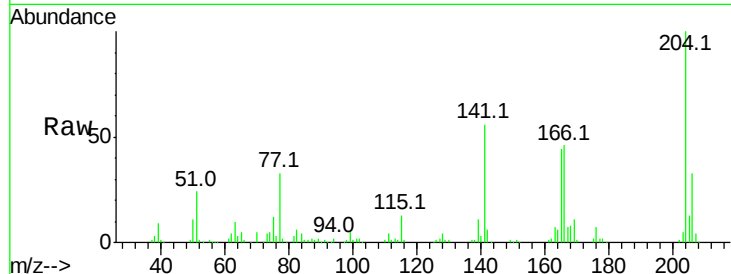


#60  
 4-Chlorophenyl-phenylether  
 Concen: 48.108 ng  
 RT: 10.43 min Scan# 1419  
 Delta R.T. -0.00 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

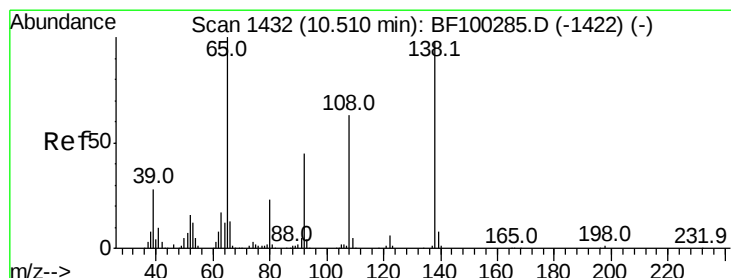
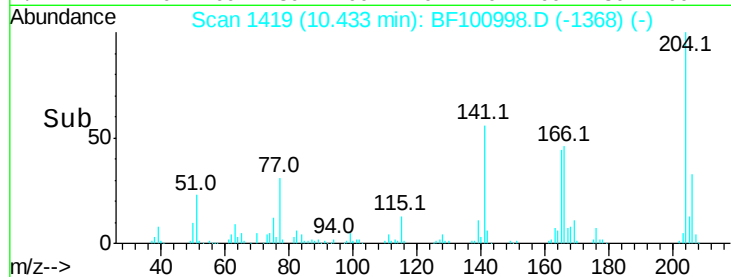
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 204  | Resp: | 110211 |
| Ion Ratio |      | Lower | Upper  |
| 204       | 100  |       |        |
| 206       | 32.5 | 26.5  | 39.7   |
| 141       | 55.9 | 54.6  | 81.8   |

Manual Integrations  
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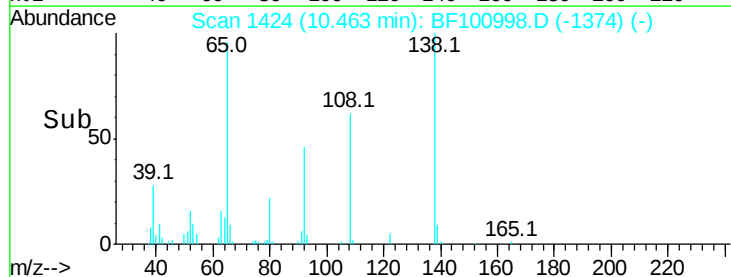
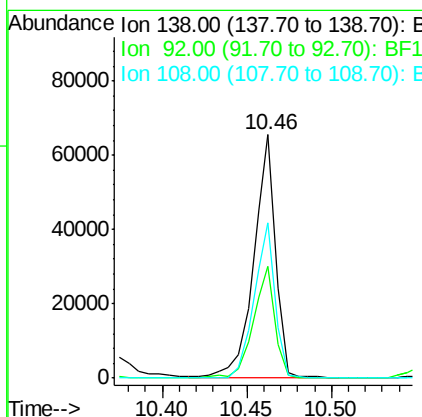
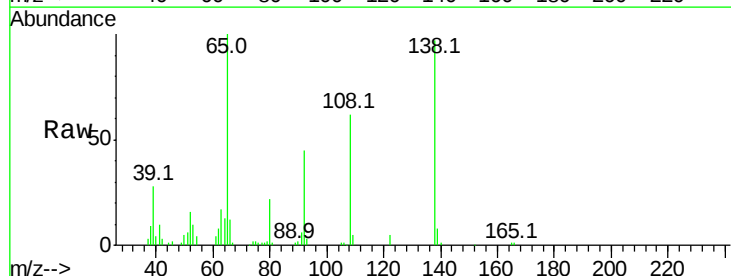
Sohil

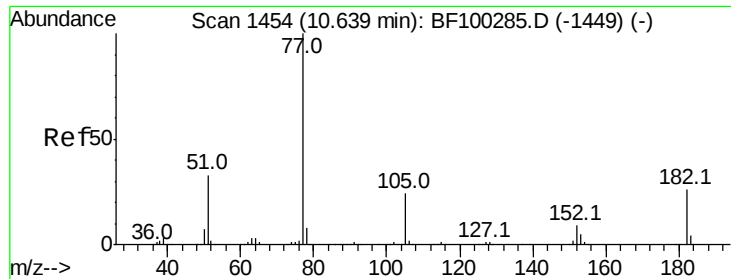
11/30/2017 4:32:26 PM



#61  
 4-Nitroaniline  
 Concen: 49.020 ng  
 RT: 10.46 min Scan# 1424  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 138  | Resp: | 59661 |
| Ion Ratio |      | Lower | Upper |
| 138       | 100  |       |       |
| 92        | 46.0 | 30.2  | 70.2  |
| 108       | 63.8 | 52.5  | 92.5  |





#62

Azobenzene

Concen: 34.960 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF100998.D

Acq: 30 Nov 2017 1:13

Instrument :

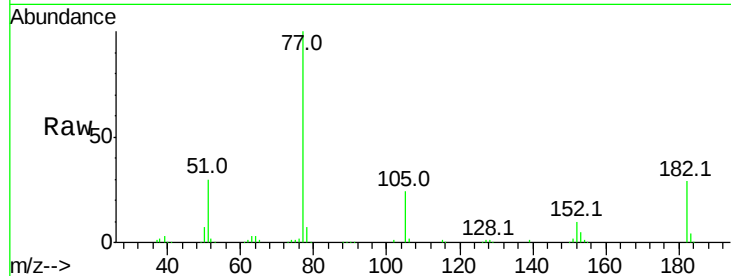
BNA\_F

ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 28.9 | 1.7   | 41.7 |       |       |
| 105     | 24.4 | 3.0   | 43.0 |       |       |
| 51      | 30.4 | 9.9   | 49.9 |       |       |

Manual Integrations  
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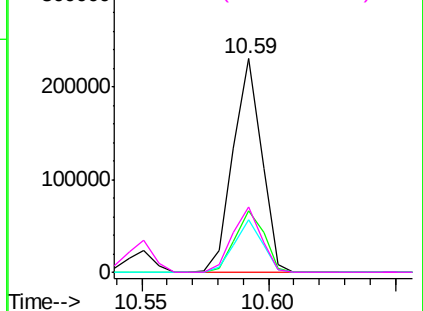


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

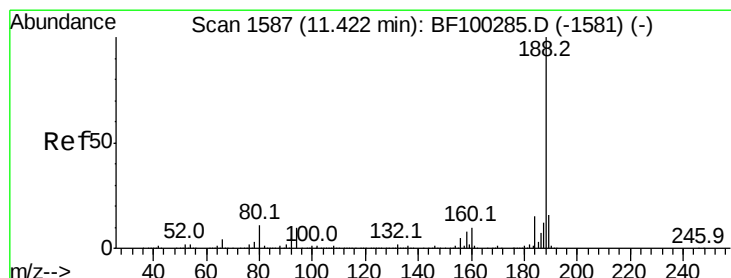
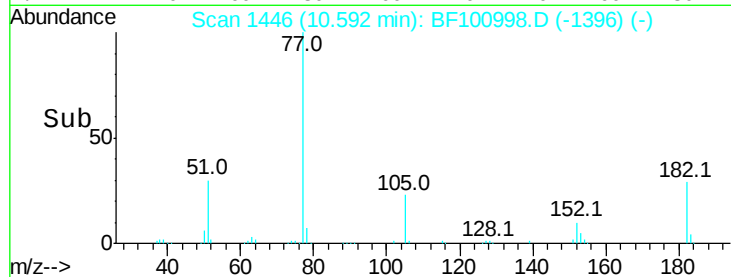
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF100998.D

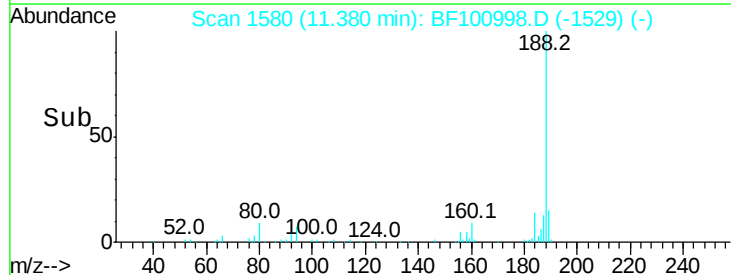
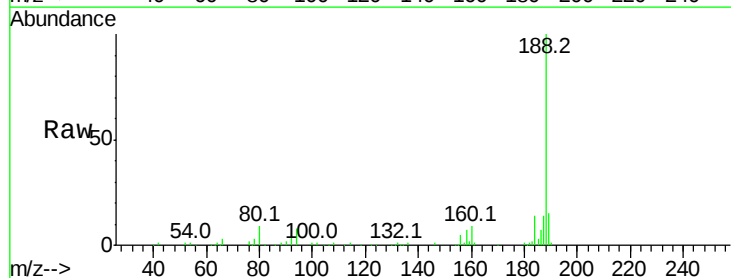
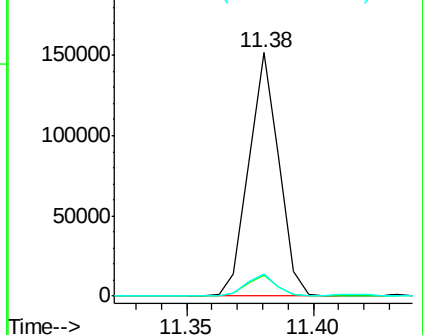
Acq: 30 Nov 2017 1:13

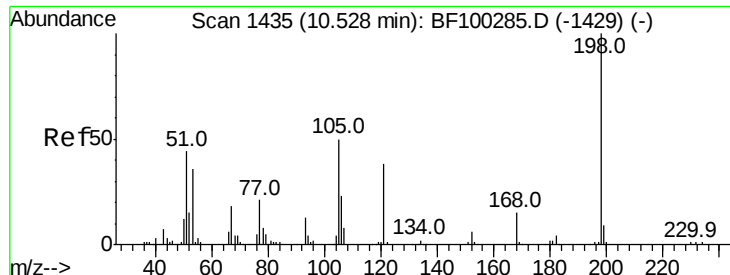
| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 188     | 100 |       |       |       |       |
| 94      | 8.4 | 8.5   | 12.7# |       |       |
| 80      | 9.1 | 9.2   | 13.8# |       |       |

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



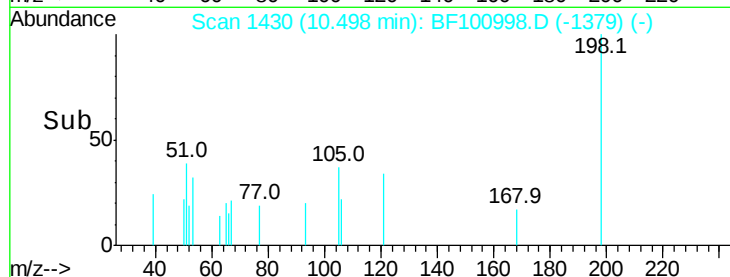
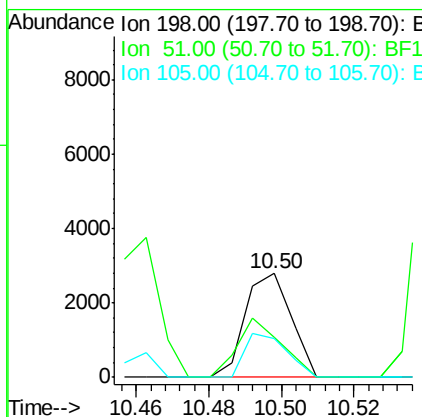
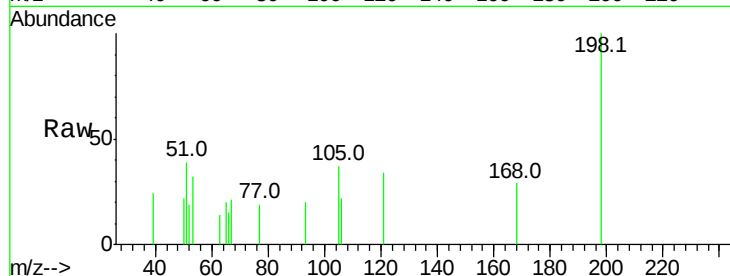


#64  
4,6-Dinitro-2-methylphenol  
Concen: 11.759 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

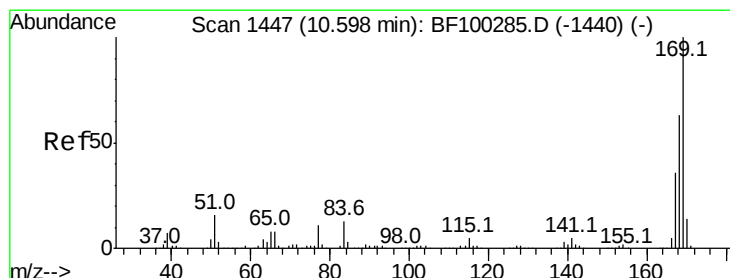
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 39.0  | 37.7  | 77.7  |
| 105     | 37.0  | 36.3  | 76.3  |

Manual Integrations  
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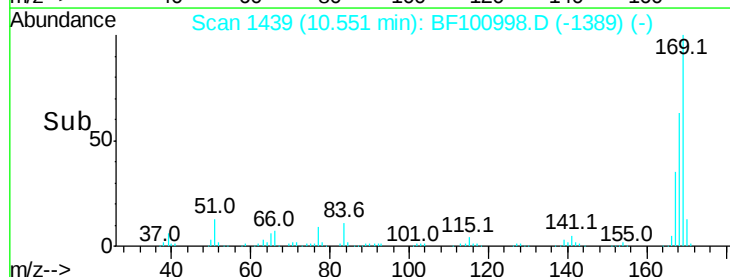
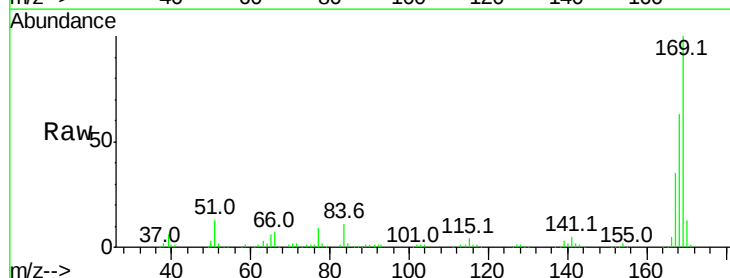
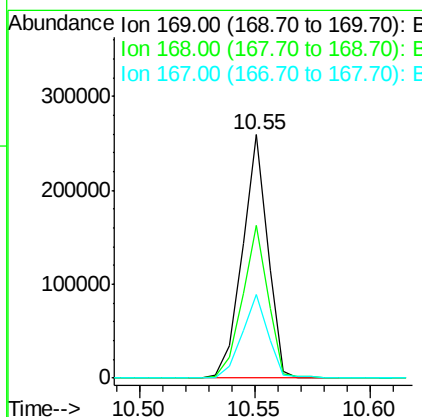
Sohil

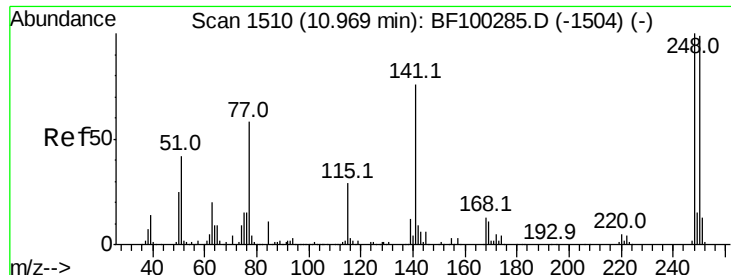
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#65  
n-Nitrosodiphenylamine  
Concen: 45.797 ng  
RT: 10.55 min Scan# 1439  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 62.8  | 54.4  | 81.6  |
| 167     | 34.5  | 29.8  | 44.6  |



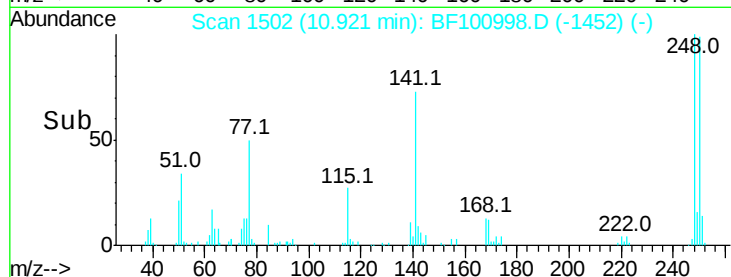
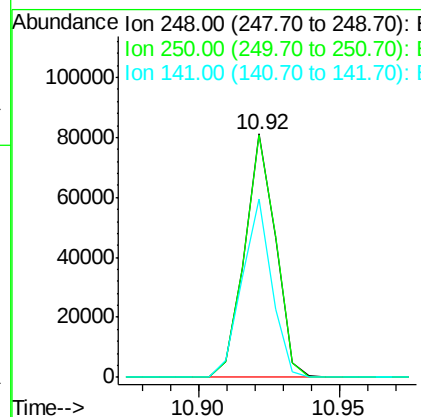
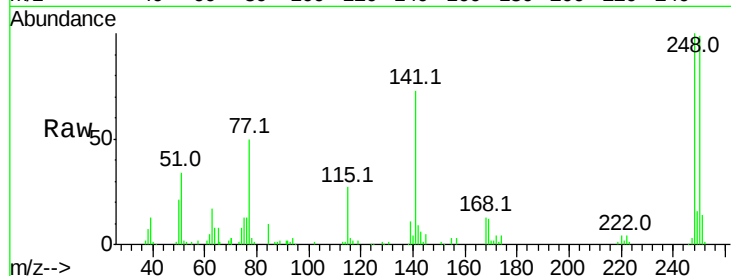


#66  
 4-Bromophenyl-phenylether  
 Concen: 46.018 ng  
 RT: 10.92 min Scan# 1502  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

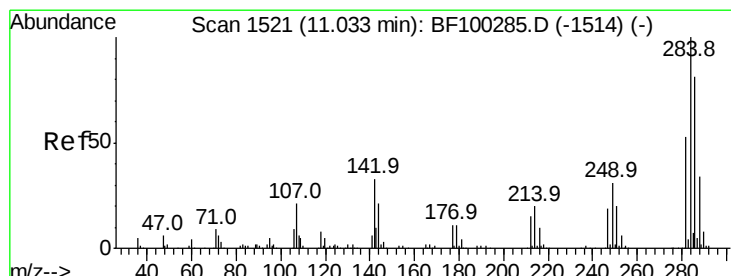
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 248   | Resp: | 61656 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 99.4  | 76.9  | 115.3 |
| 141       | 73.5  | 74.4  | 111.6 |

Manual Integrations  
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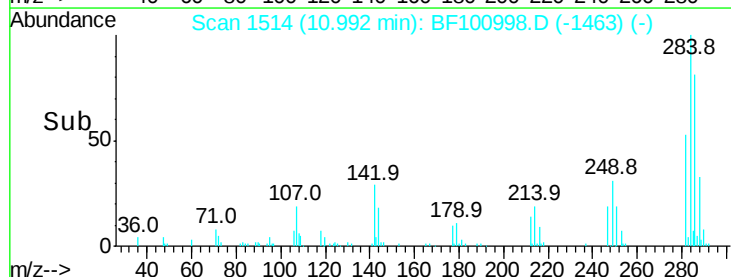
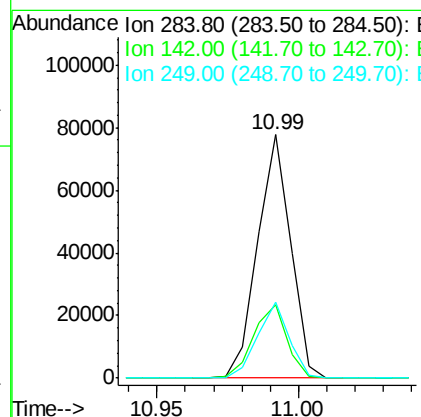
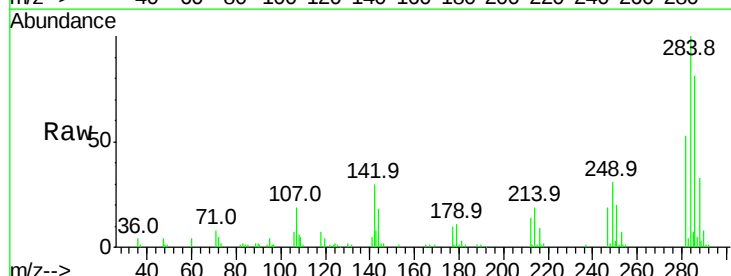
Sohil

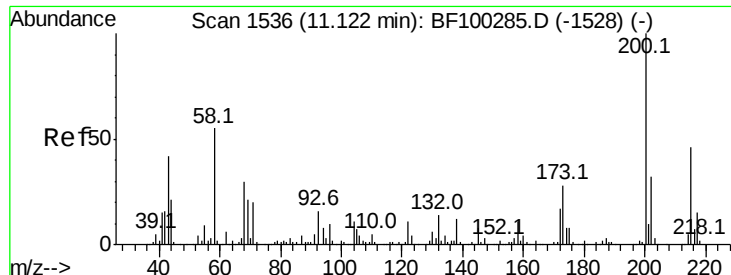
11/30/2017 4:32:26 PM



#67  
 Hexachlorobenzene  
 Concen: 45.098 ng  
 RT: 10.99 min Scan# 1514  
 Delta R.T. -0.00 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 63196 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 30.0  | 34.6  | 52.0  |
| 249       | 31.3  | 24.8  | 37.2  |



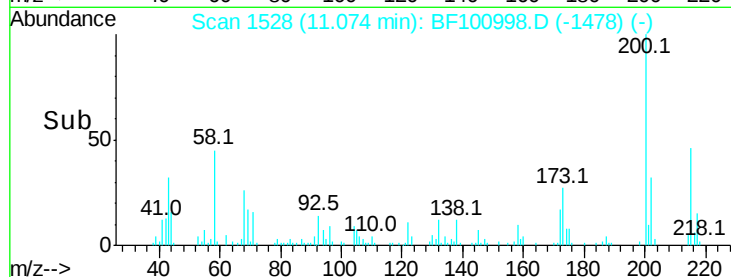
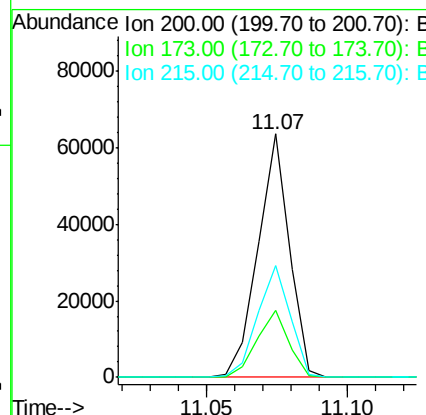
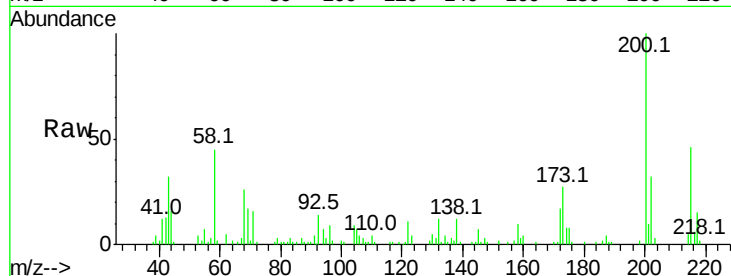


#68  
Atrazine  
Concen: 37.373 ng  
RT: 11.07 min Scan# 1528  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

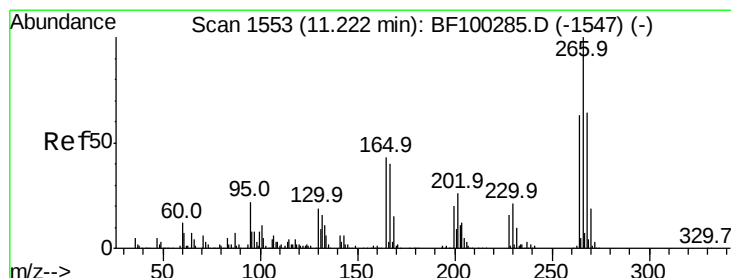
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.4  | 8.6   | 48.6  |
| 215     | 45.7  | 25.1  | 65.1  |

Manual Integrations  
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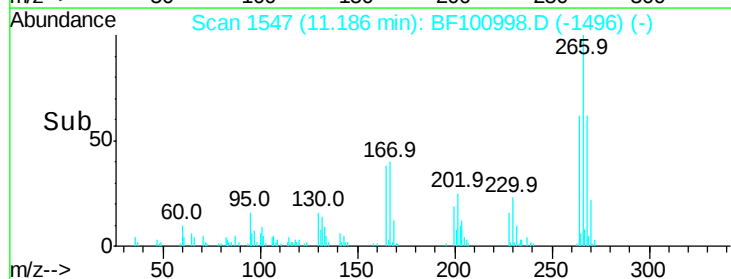
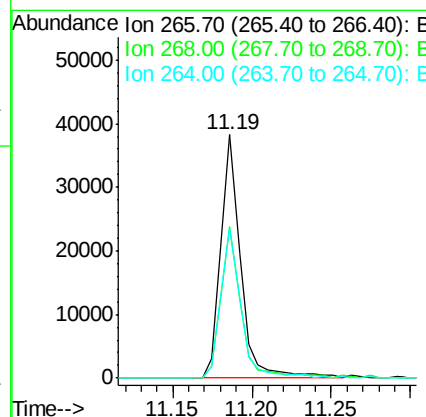
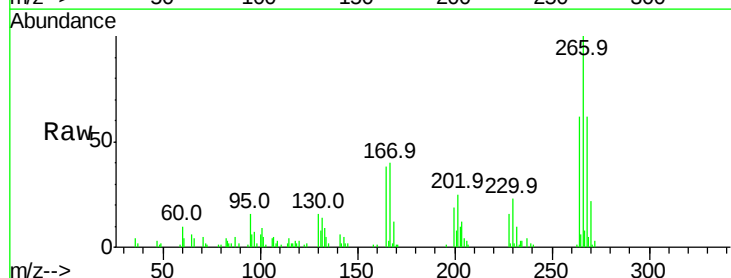
Sohil

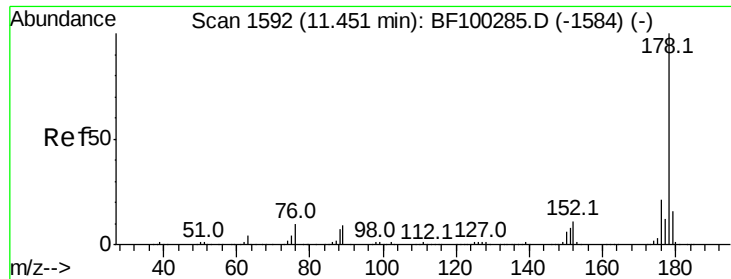
11/30/2017 4:32:26 PM



#69  
Pentachlorophenol  
Concen: 33.463 ng  
RT: 11.19 min Scan# 1547  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.1  | 51.1  | 76.7  |
| 264     | 61.5  | 49.5  | 74.3  |



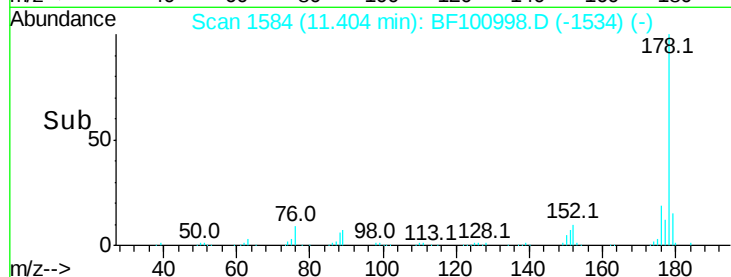
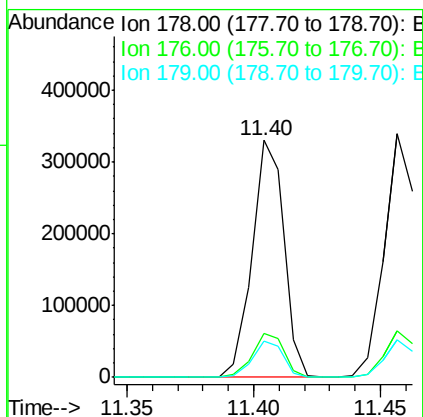
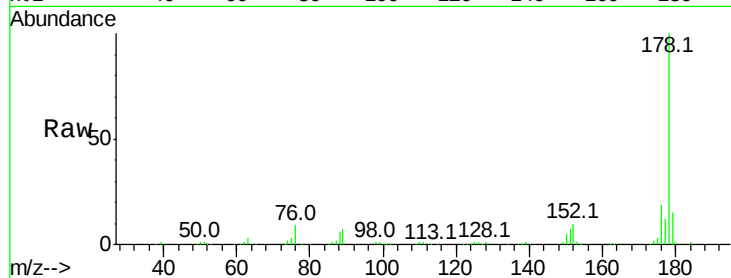


#70  
Phenanthrene  
Concen: 43.883 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

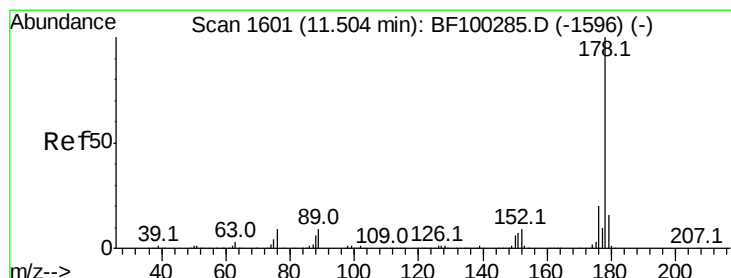
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.8  | 23.8  |
| 179     | 15.4  | 13.0  | 19.6  |

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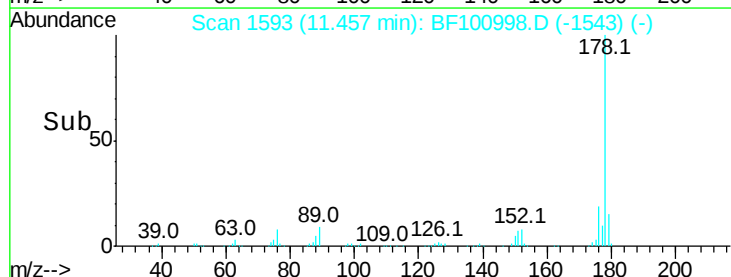
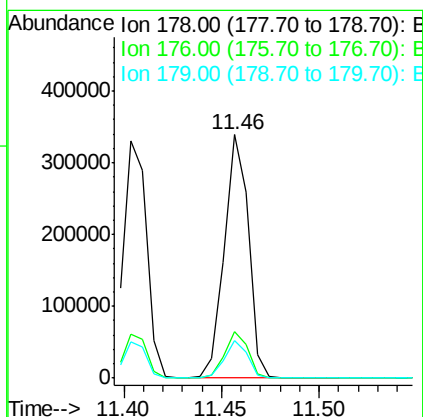
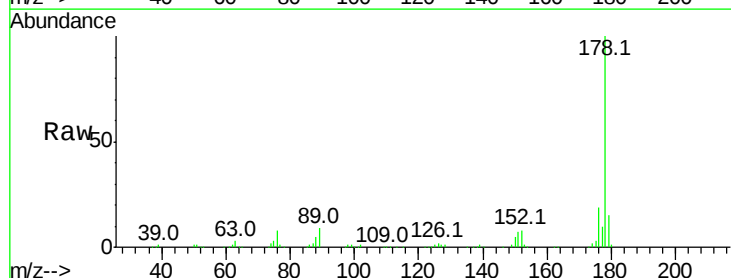
Sohil

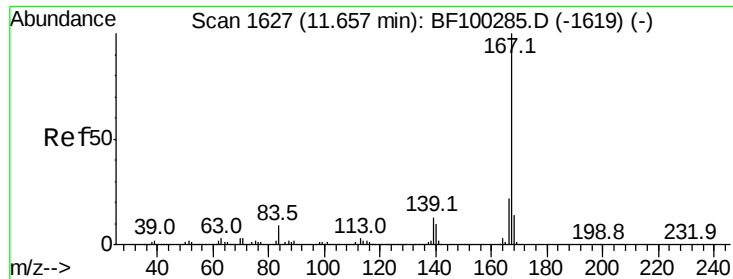
11/30/2017 4:32:26 PM



#71  
Anthracene  
Concen: 43.614 ng  
RT: 11.46 min Scan# 1593  
Delta R.T. -0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.4  | 23.2  |
| 179     | 15.5  | 12.6  | 19.0  |



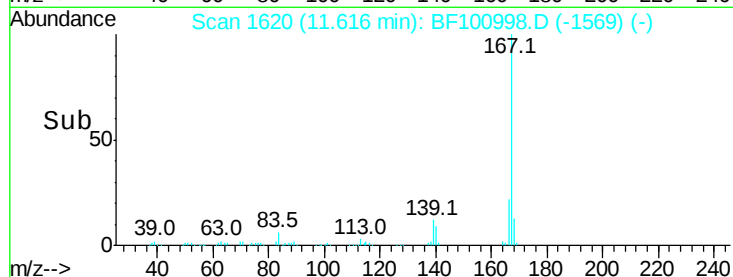
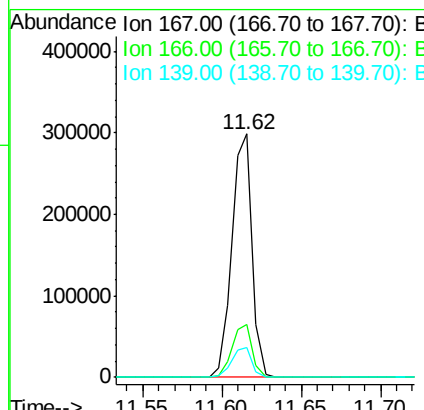
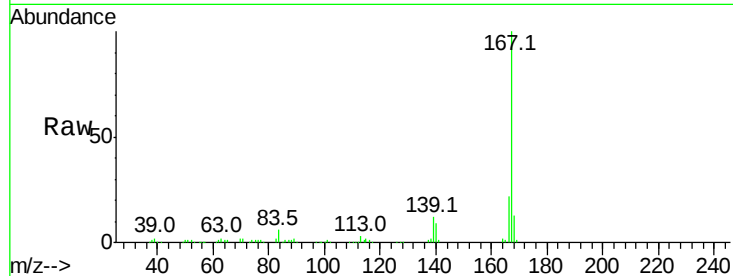


#72  
 Carbazole  
 Concen: 42.520 ng  
 RT: 11.62 min Scan# 1620  
 Delta R.T. -0.00 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

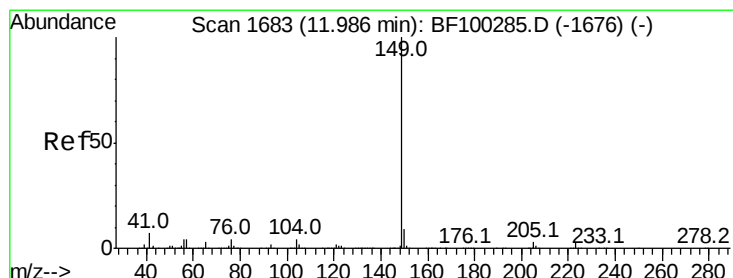
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 261940 |       |       |
| 166     | 21.5  |        | 17.6  | 26.4  |
| 139     | 12.1  |        | 10.9  | 16.3  |

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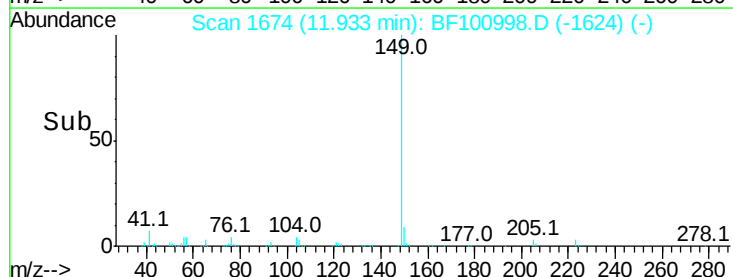
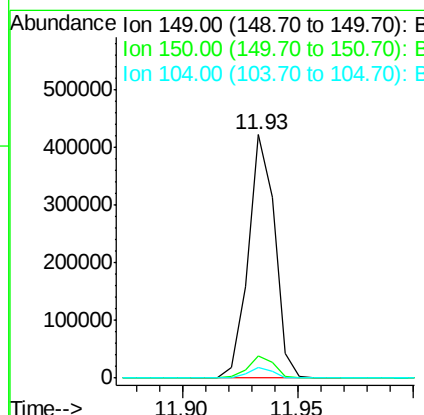
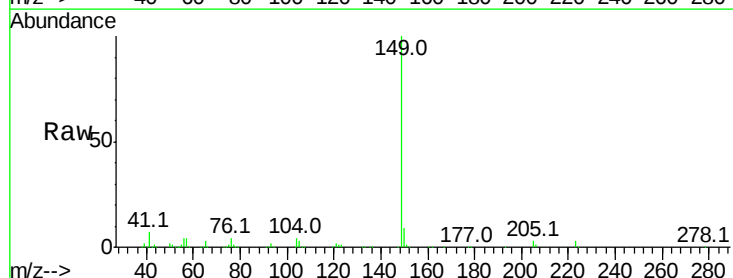
Sohil

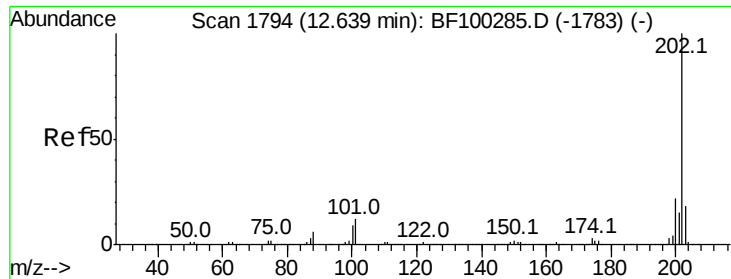
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#73  
 Di-n-butylphthalate  
 Concen: 47.082 ng  
 RT: 11.93 min Scan# 1674  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 339419 |       |       |
| 150     | 9.1   |        | 7.8   | 11.6  |
| 104     | 4.3   |        | 3.8   | 5.8   |



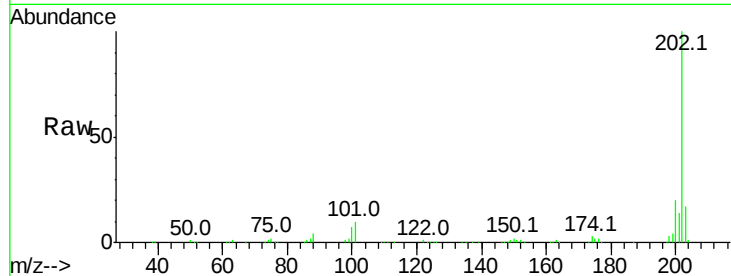


#74  
**Fluoranthene**  
 Concen: 45.062 ng  
 RT: 12.60 min Scan# 1787  
 Delta R.T. -0.00 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

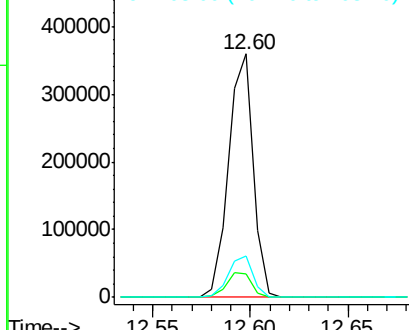
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 9.6   | 0.0        | 34.1  |
| 203     | 17.1  | 0.0        | 38.1  |

Manual Integrations  
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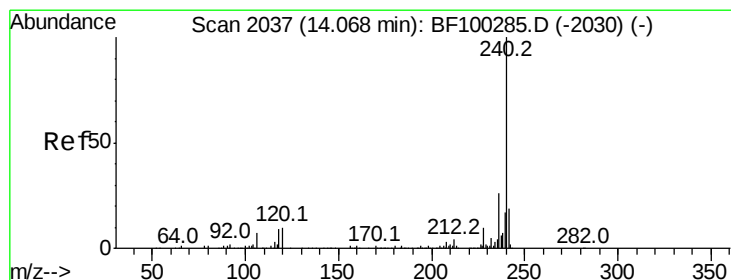
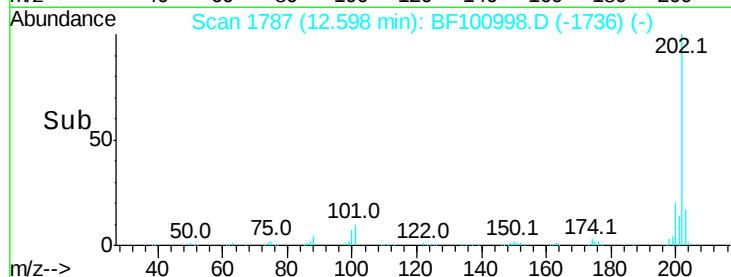


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E



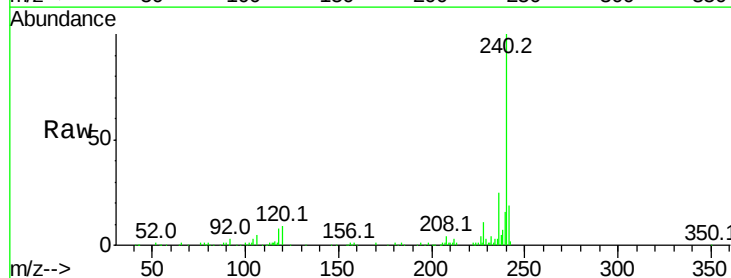
Sohil

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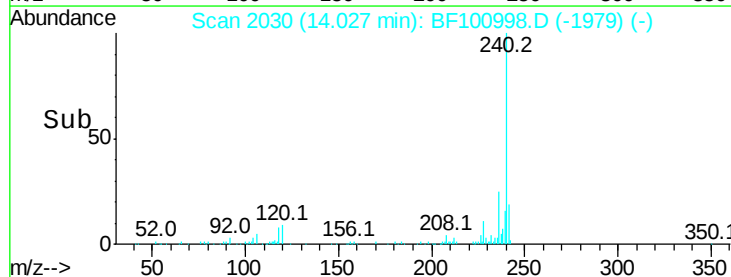
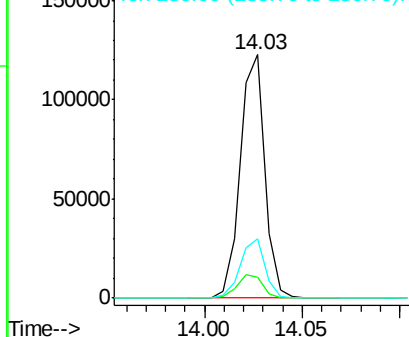


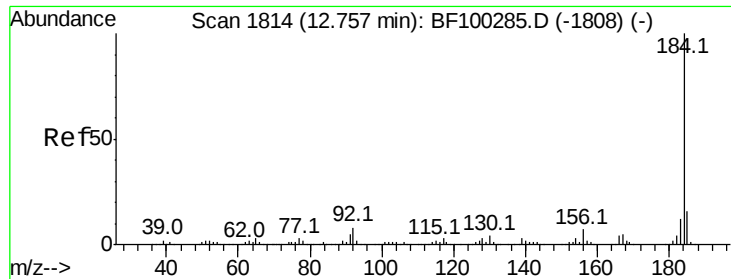
#75  
**Chrysene-d12**  
 Concen: 20.000 ng  
 RT: 14.03 min Scan# 2030  
 Delta R.T. -0.00 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 8.7   | 9.5        | 14.3# |
| 236     | 24.5  | 20.7       | 31.1  |



Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E



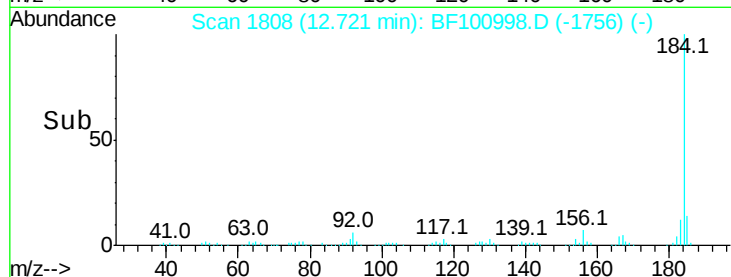
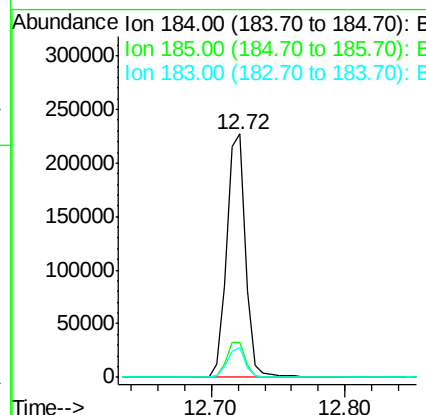
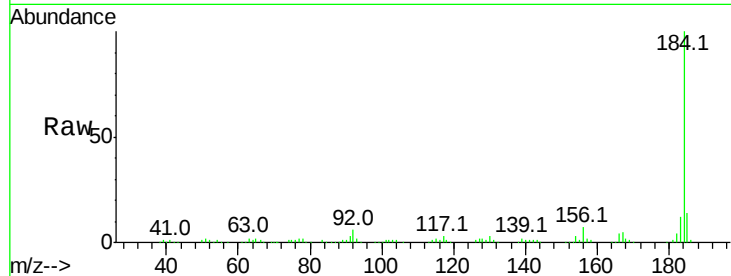


#76  
Benzidine  
Concen: 53.171 ng  
RT: 12.72 min Scan# 1808  
Delta R.T. 0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

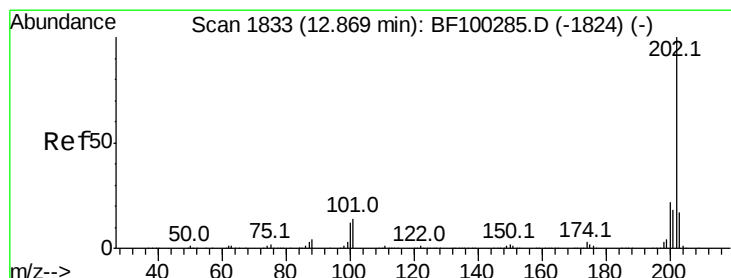
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 14.5  | 12.6 | 18.8  |       |
| 183     | 12.0  | 9.3  | 13.9  |       |

Manual Integrations  
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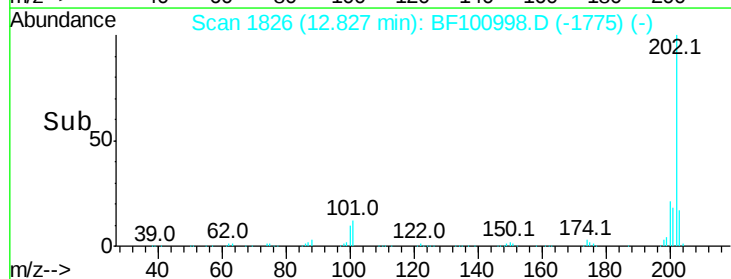
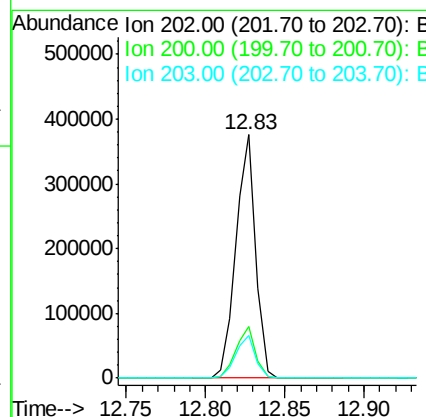
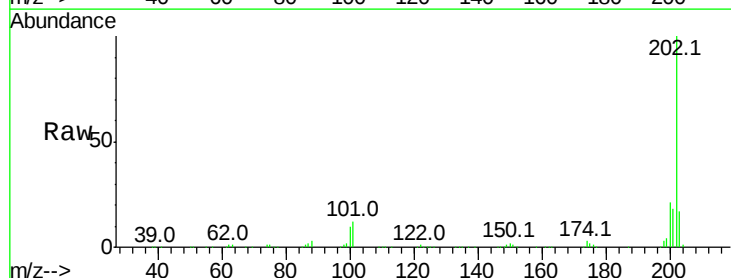
Sohil

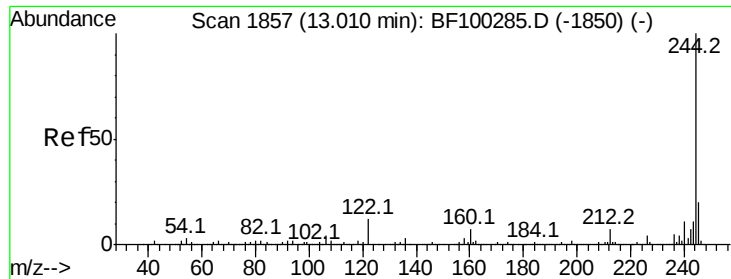
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#77  
Pyrene  
Concen: 42.373 ng  
RT: 12.83 min Scan# 1826  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 21.3  | 17.4 | 26.2  |       |
| 203     | 17.4  | 14.3 | 21.5  |       |



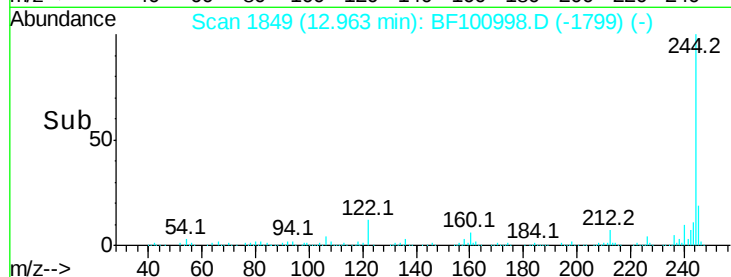
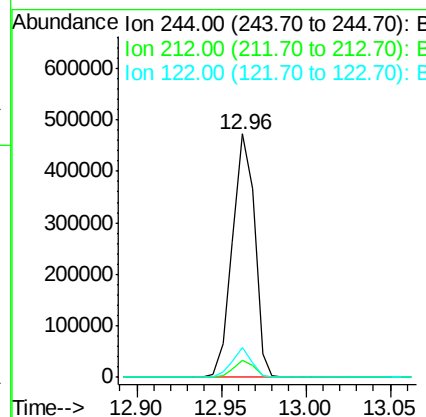
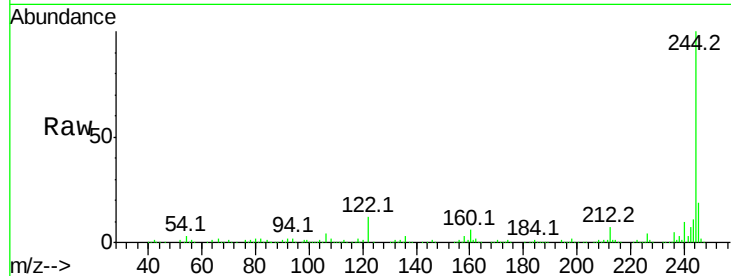


#78  
 Terphenyl-d14  
 Concen: 92.609 ng  
 RT: 12.96 min Scan# 1849  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

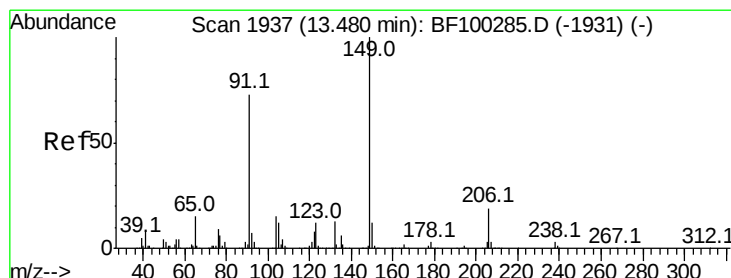
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.4   | 8.0   |
| 122     | 12.1  | 11.0  | 16.4  |

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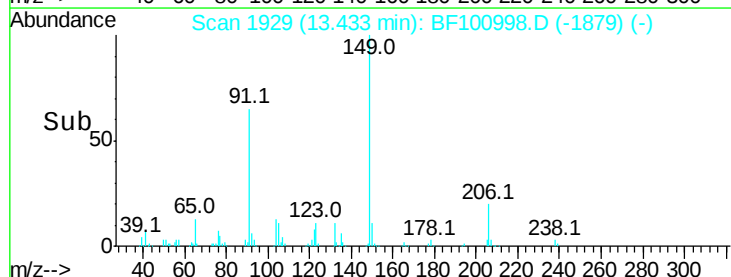
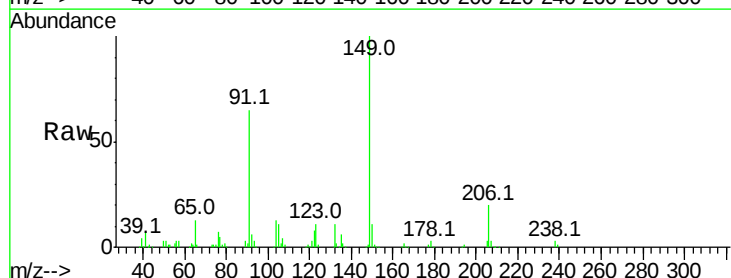
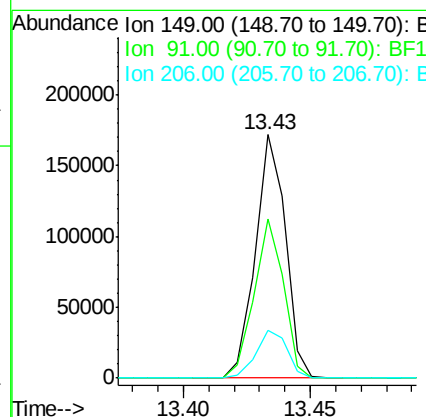
Sohil

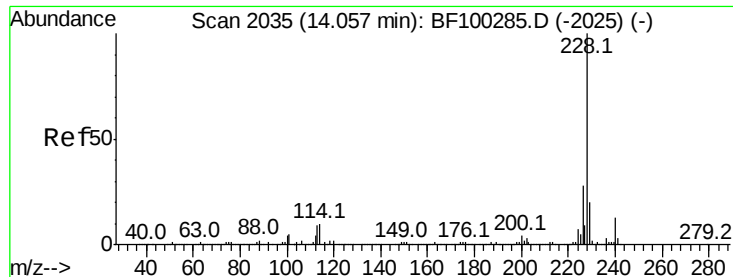
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#79  
 Butylbenzylphthalate  
 Concen: 45.781 ng  
 RT: 13.43 min Scan# 1929  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.2  | 56.8  | 85.2  |
| 206     | 19.7  | 14.1  | 21.1  |



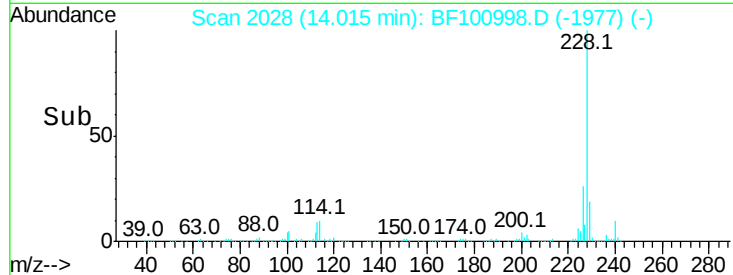
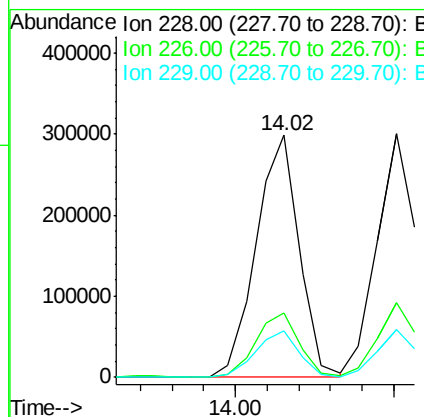
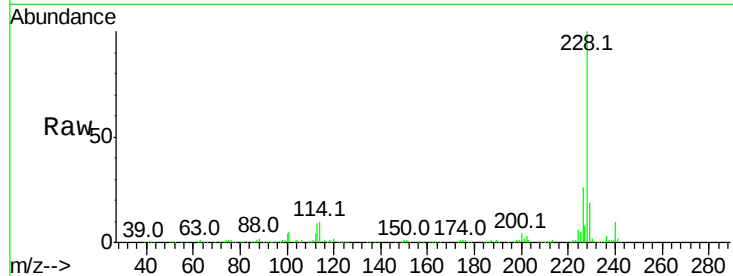


#80  
Benzo(a)anthracene  
Concen: 43.524 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

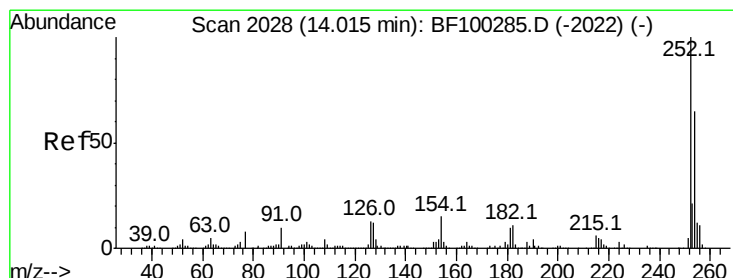
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.4  | 22.6  | 33.8  |
| 229     | 19.0  | 15.8  | 23.6  |

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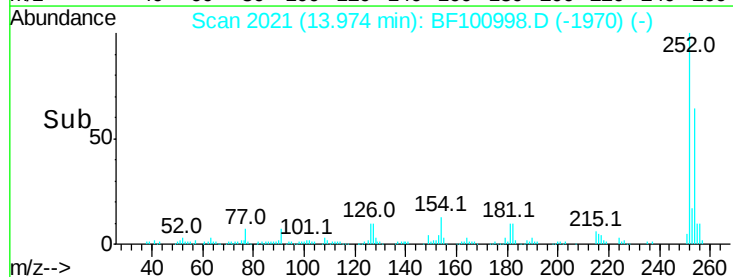
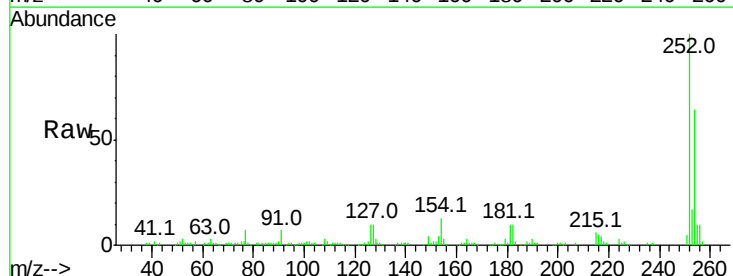
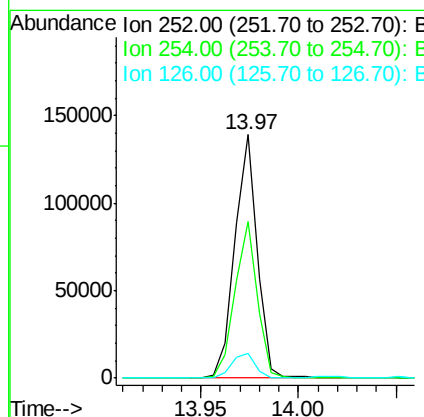
Sohil

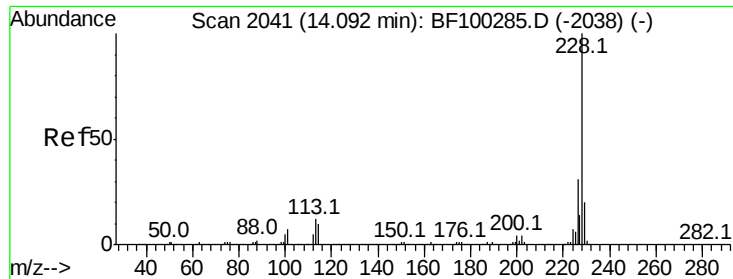
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#81  
3,3'-Dichlorobenzidine  
Concen: 47.957 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.2  | 50.4  | 75.6  |
| 126     | 10.1  | 11.3  | 16.9# |



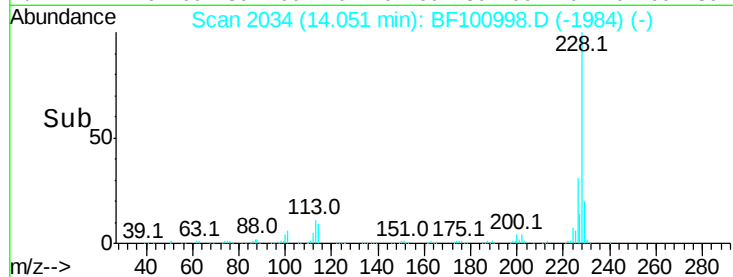
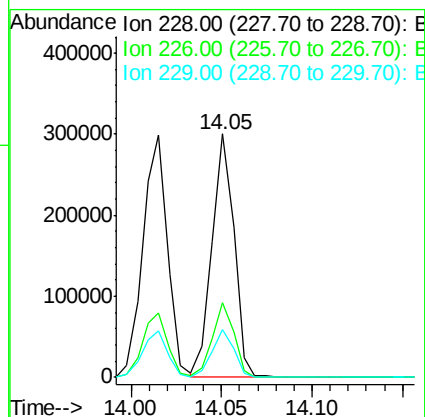
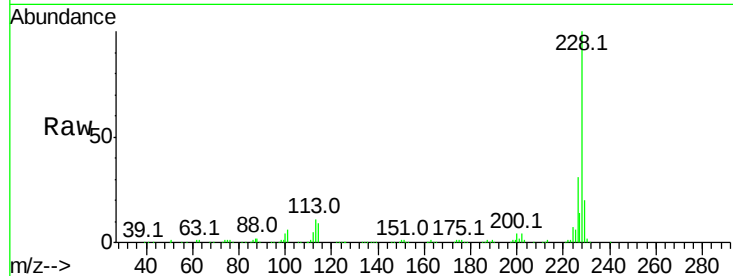


#82  
 Chrvsene  
 Concen: 41.040 ng  
 RT: 14.05 min Scan# 2034  
 Delta R.T. -0.01 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

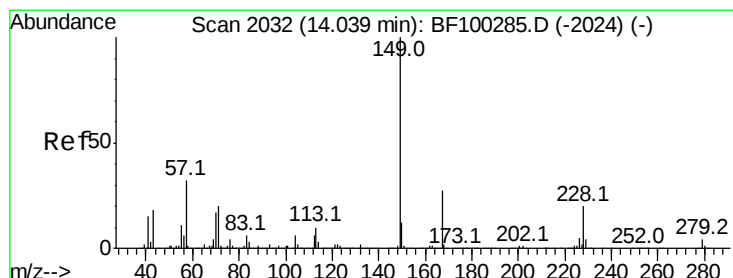
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 256384 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.7  | 25.0  | 37.6   |
| 229       | 19.7  | 16.2  | 24.4   |

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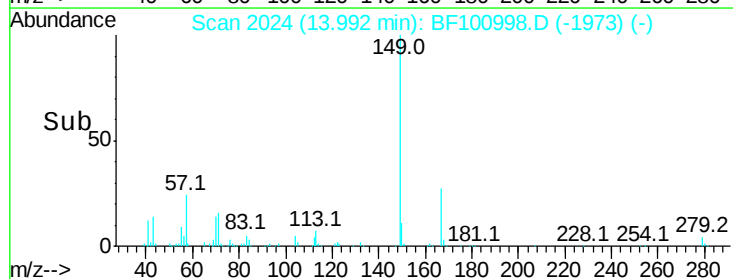
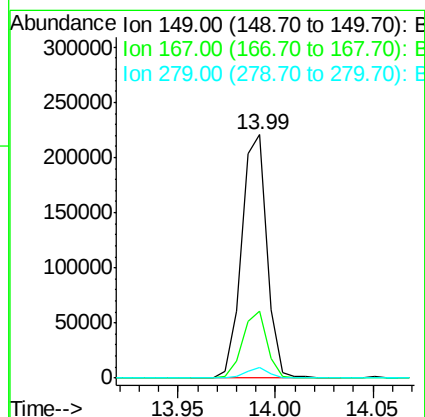
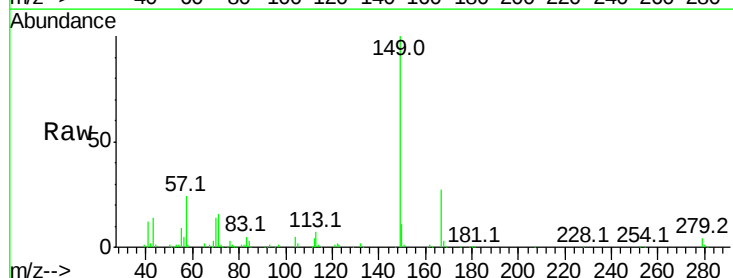
Sohil

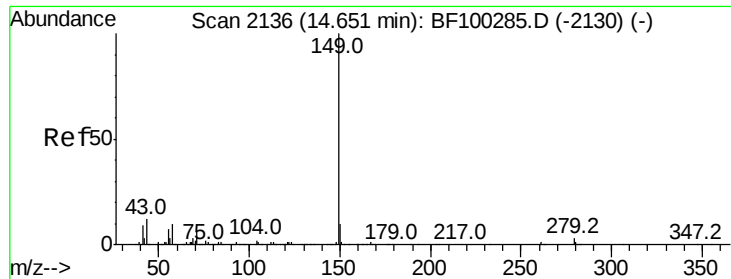
11/30/2017 4:32:26 PM



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.301 ng  
 RT: 13.99 min Scan# 2024  
 Delta R.T. -0.00 min  
 Lab File: BF100998.D  
 Acq: 30 Nov 2017 1:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 197840 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.4  | 21.3  | 31.9   |
| 279       | 4.4   | 3.0   | 4.4    |



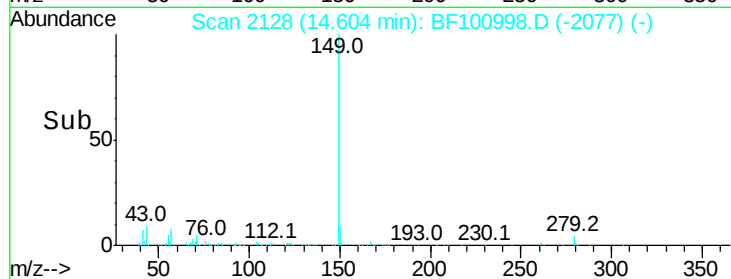
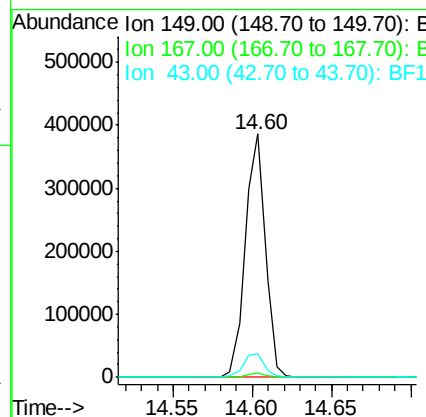
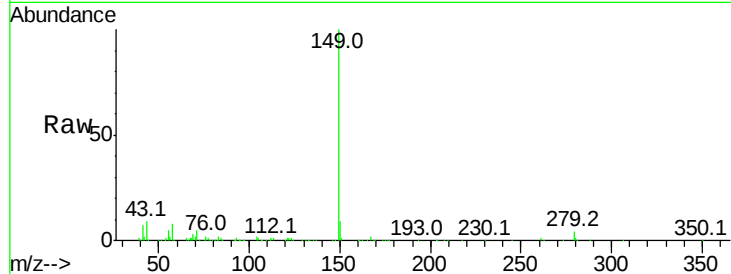


#84  
Di-n-octyl phthalate  
Concen: 47.978 ng  
RT: 14.60 min Scan# 2128  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

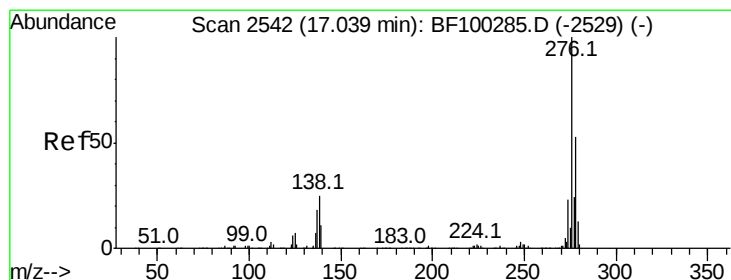
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.5   | 1.2        | 1.8   |
| 43      | 9.9   | 8.4        | 12.6  |

Manual Integrations  
APPROVED



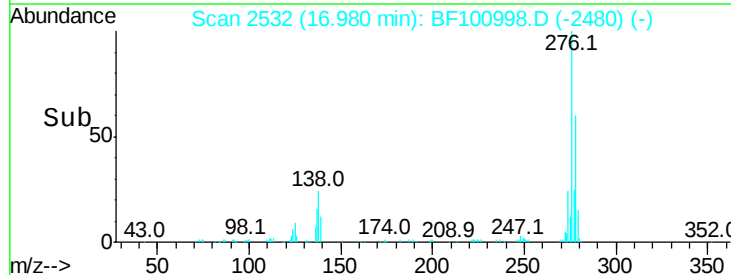
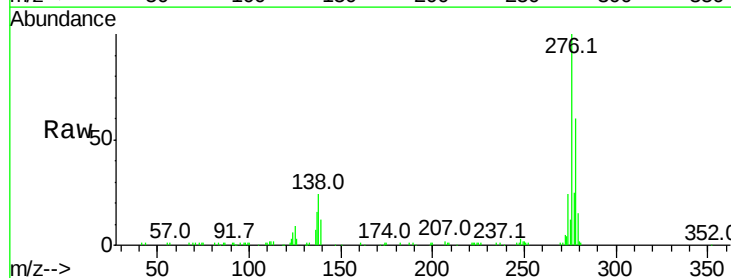
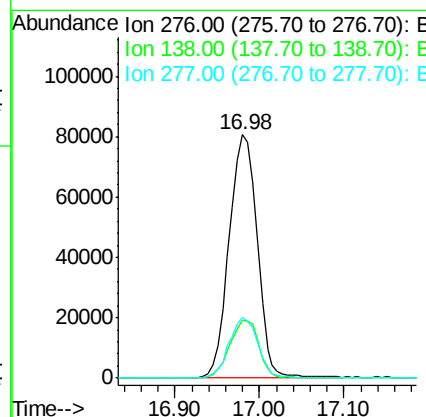
Sohil

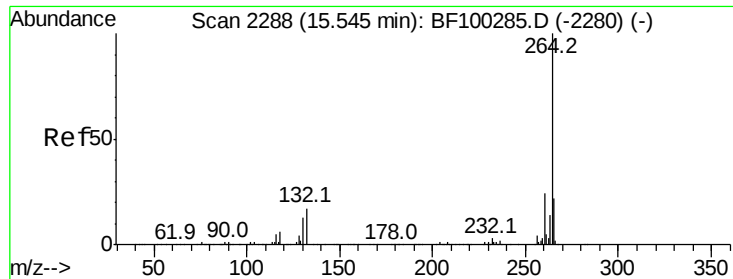
11/30/2017 4:32:26 PM



#85  
Indeno(1,2,3-cd)pyrene  
Concen: 36.819 ng  
RT: 16.98 min Scan# 2532  
Delta R.T. 0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 24.5  | 25.0       | 37.6# |
| 277     | 25.3  | 20.1       | 30.1  |



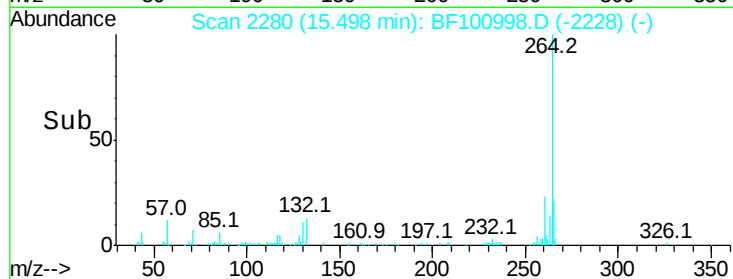
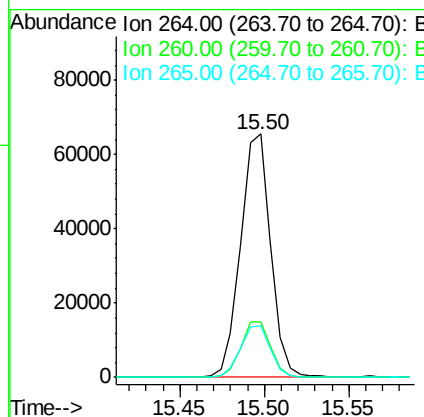
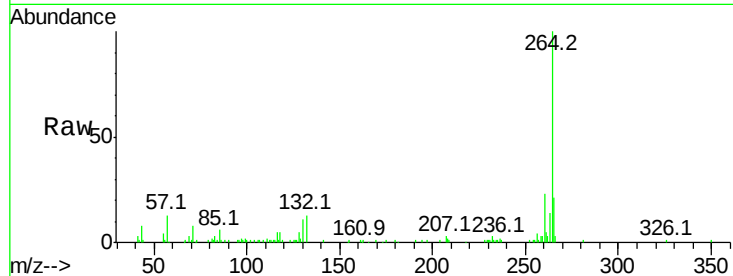


#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. 0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

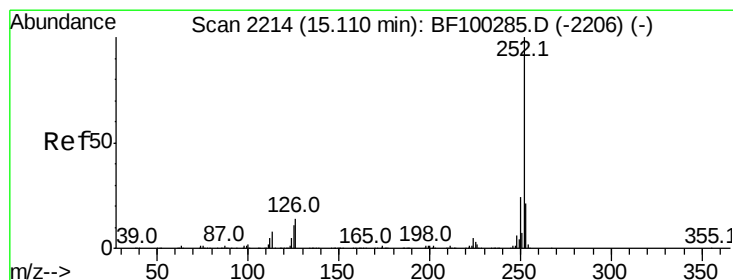
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.5  | 19.2  | 28.8  |
| 265     | 21.1  | 17.5  | 26.3  |

Manual Integrations  
APPROVED



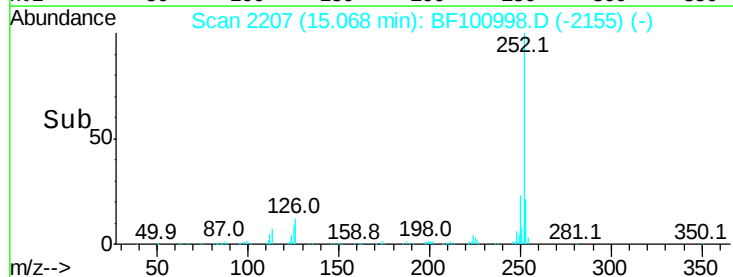
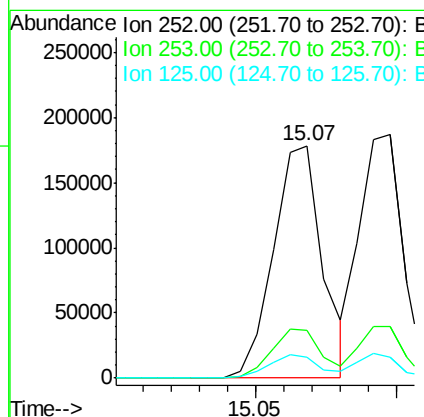
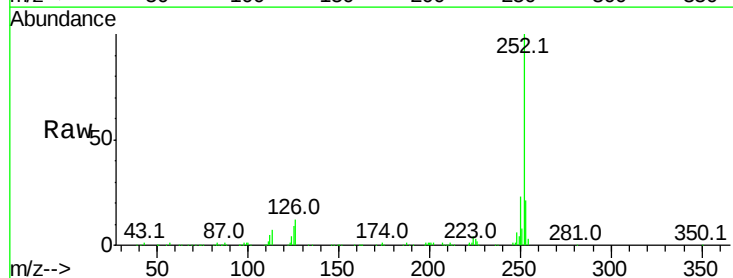
Sohil

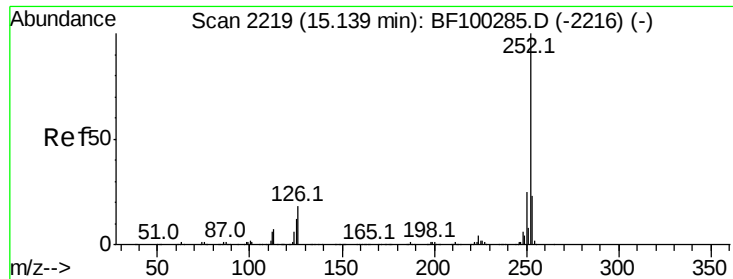
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#87  
Benzo(b)fluoranthene  
Concen: 44.666 ng  
RT: 15.07 min Scan# 2207  
Delta R.T. 0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.6  | 17.0  | 25.6  |
| 125     | 8.8   | 9.0   | 13.6  |



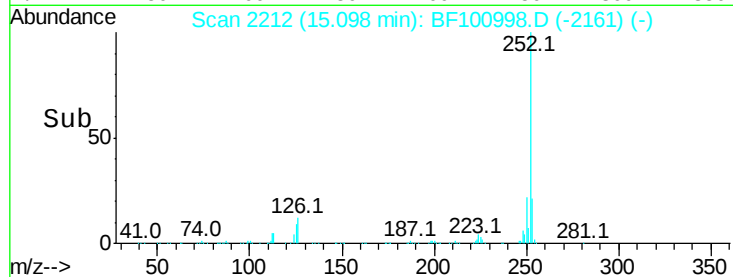
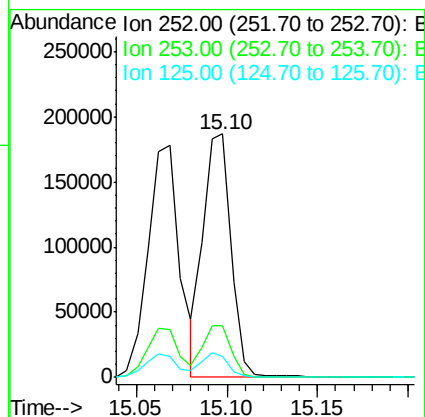
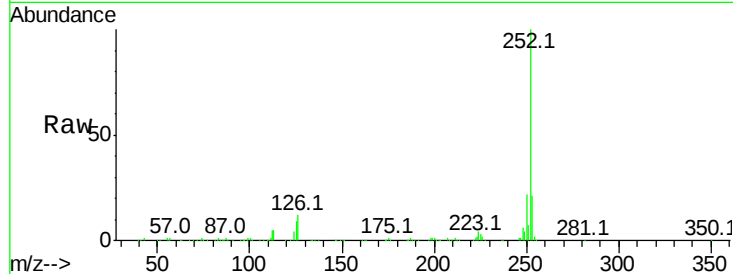


#88  
Benzo(k)fluoranthene  
Concen: 43.652 ng  
RT: 15.10 min Scan# 2212  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

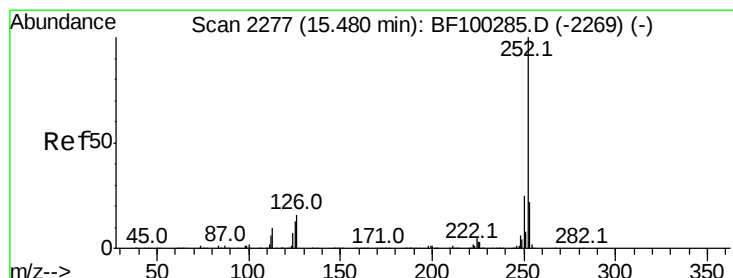
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.9  | 17.9  | 26.9  |
| 125     | 8.8   | 10.2  | 15.2  |

Manual Integrations  
APPROVED



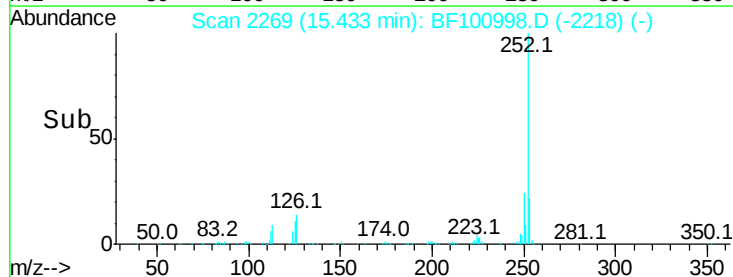
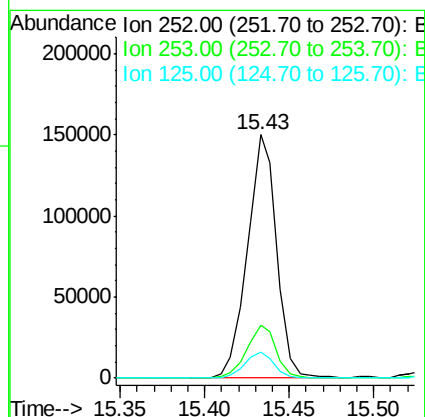
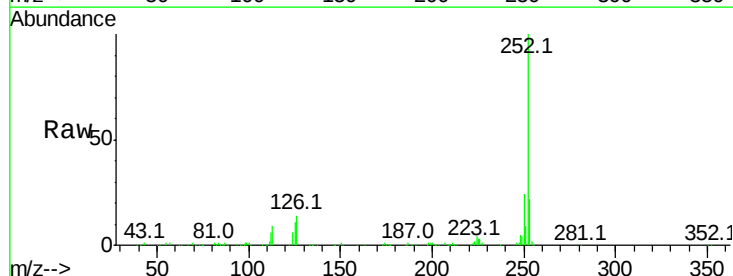
Sohil

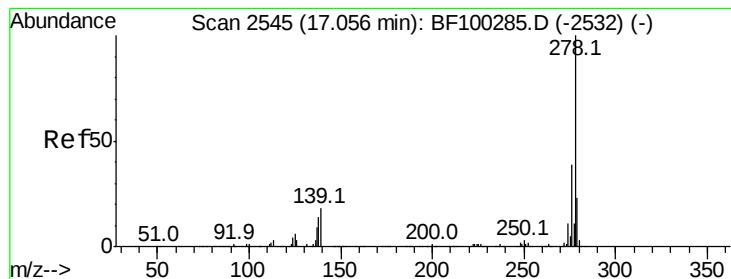
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#89  
Benzo(a)pyrene  
Concen: 42.441 ng  
RT: 15.43 min Scan# 2269  
Delta R.T. -0.00 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.1  | 25.7  |
| 125     | 10.8  | 9.8   | 14.6  |



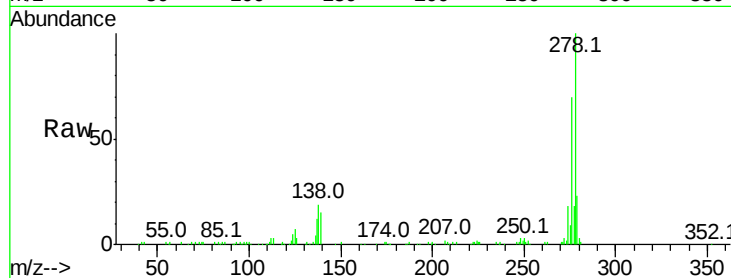


#90  
Dibenzo(a,h)anthracene  
Concen: 46.082 ng  
RT: 16.99 min Scan# 2534  
Delta R.T. 0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

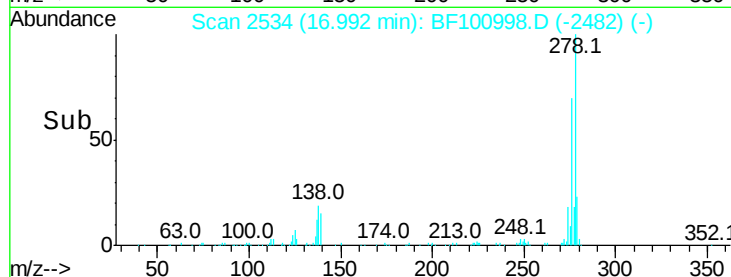
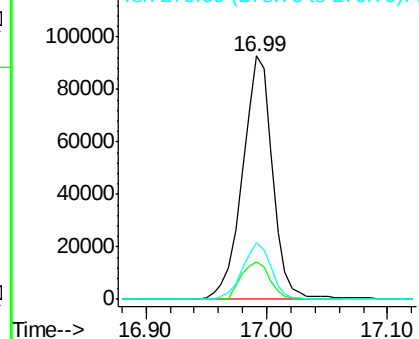
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.5  | 15.9  | 23.9# |
| 279     | 23.1  | 19.0  | 28.4  |

Manual Integrations  
APPROVED

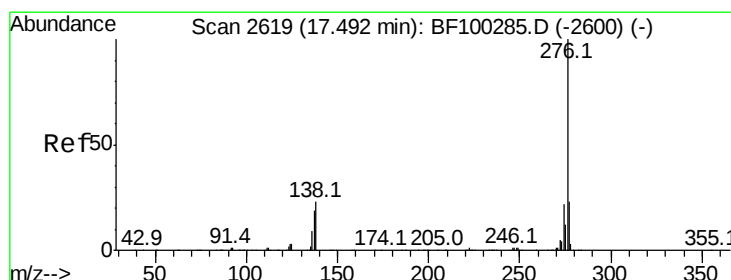


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



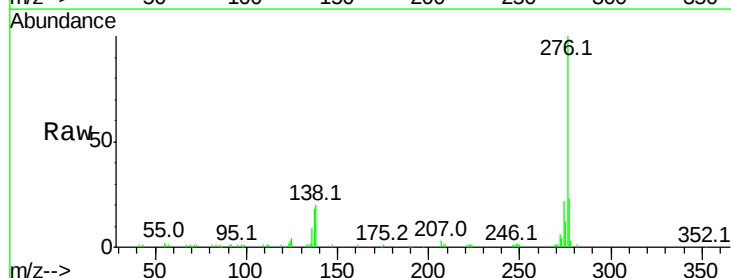
Sohil

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#91  
Benzo(g,h,i)perylene  
Concen: 43.072 ng  
RT: 17.43 min Scan# 2609  
Delta R.T. 0.01 min  
Lab File: BF100998.D  
Acq: 30 Nov 2017 1:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 17.9  | 26.9  |
| 138     | 20.0  | 21.8  | 32.8# |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

