

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF032119\  
 Data File : BF113224.D  
 Acq On : 21 Mar 2019 23:34  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 3/22/2019 3:36:05 PM

Quant Time: Mar 22 02:12:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 03:42:55 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 151346   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.01  | 136  | 599793   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.76  | 164  | 280429   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.24 | 188  | 478997   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.87 | 240  | 382525   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.28 | 264  | 331188   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.33  | 112 | 720067  | 74.01 | ng | -0.01 |
| 7) Phenol-d6             | 6.37  | 99  | 901482  | 73.76 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.29  | 82  | 832123  | 83.02 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.54 | 330 | 243972  | 81.95 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.09  | 172 | 1537001 | 93.17 | ng | 0.00  |
| 79) Terphenyl-d14        | 12.82 | 244 | 1349036 | 68.36 | ng | 0.00  |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.35 | 88  | 166412  | 34.121 | ng | 96     |
| 3) Pyridine                    | 3.06 | 79  | 416588  | 31.928 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.00 | 42  | 182919m | 32.047 | ng |        |
| 6) Aniline                     | 6.39 | 93  | 557798  | 33.156 | ng | # 38   |
| 8) 2-Chlorophenol              | 6.52 | 128 | 421957  | 38.960 | ng | 92     |
| 9) Benzaldehyde                | 6.27 | 77  | 253660  | 28.804 | ng | 98     |
| 10) Phenol                     | 6.39 | 94  | 506168  | 35.491 | ng | # 73   |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 407711  | 37.245 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146 | 448738  | 40.108 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146 | 455268  | 40.576 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 419424  | 40.777 | ng | 98     |
| 15) Benzyl Alcohol             | 6.87 | 79  | 334817  | 35.926 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45  | 642235  | 35.155 | ng | 85     |
| 17) 2-Methylphenol             | 6.99 | 107 | 329320  | 37.481 | ng | 96     |
| 18) Hexachloroethane           | 7.24 | 117 | 144927  | 33.720 | ng | # 86   |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 283542  | 36.631 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 407755  | 41.106 | ng | # 71   |
| 22) Acetophenone               | 7.13 | 105 | 586300  | 41.805 | ng | # 90   |
| 24) Nitrobenzene               | 7.31 | 77  | 438561  | 39.311 | ng | 95     |
| 25) Isophorone                 | 7.55 | 82  | 793211  | 36.732 | ng | 100    |
| 26) 2-Nitrophenol              | 7.62 | 139 | 214302  | 46.145 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 338634  | 39.194 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 511537  | 37.889 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 353205  | 42.156 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 383590  | 42.608 | ng | 99     |
| 31) Naphthalene                | 8.03 | 128 | 1177176 | 39.531 | ng | 100    |
| 32) Benzoic acid               | 7.79 | 122 | 192459m | 31.782 | ng |        |
| 33) 4-Chloroaniline            | 8.08 | 127 | 496670  | 39.379 | ng | 100    |
| 34) Hexachlorobutadiene        | 8.15 | 225 | 239485  | 47.169 | ng | 98     |
| 35) Caprolactam                | 8.45 | 113 | 117948  | 39.969 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 363520  | 39.204 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.72 | 142 | 799250  | 41.562 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.82 | 142 | 764150  | 41.021 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 382750  | 46.805 | ng | # 98   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF032119\  
 Data File : BF113224.D  
 Acq On : 21 Mar 2019 23:34  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDC0040

Manual Integrations  
 APPROVED

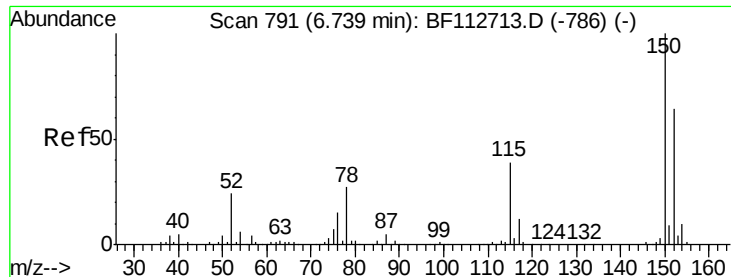
Sohil  
 3/22/2019 3:36:05 PM

Quant Time: Mar 22 02:12:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 03:42:55 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.87  | 237  | 10924    | 2.439  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.00  | 196  | 236298   | 41.986 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.05  | 196  | 253817   | 41.724 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.19  | 154  | 983875   | 43.014 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.21  | 162  | 726994   | 40.704 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.30  | 65   | 232792   | 42.881 | ng    | 95       |
| 49) Acenaphthylene             | 9.62  | 152  | 1178712  | 38.875 | ng    | 99       |
| 50) Dimethylphthalate          | 9.48  | 163  | 896084   | 43.336 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.55  | 165  | 187366   | 43.514 | ng #  | 83       |
| 52) Acenaphthene               | 9.79  | 154  | 644420   | 36.344 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.72  | 138  | 219609   | 41.856 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.83  | 184  | 4929     | 9.026  | ng    | 95       |
| 55) Dibenzofuran               | 9.96  | 168  | 1014004  | 39.347 | ng    | 97       |
| 56) 4-Nitrophenol              | 9.89  | 139  | 126891   | 29.758 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 9.95  | 165  | 235961   | 44.086 | ng #  | 83       |
| 58) Fluorene                   | 10.30 | 166  | 733520   | 40.103 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 191388   | 37.762 | ng #  | 91       |
| 60) Diethylphthalate           | 10.18 | 149  | 869108   | 39.797 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.30 | 204  | 384057   | 45.130 | ng    | 92       |
| 62) 4-Nitroaniline             | 10.32 | 138  | 207932   | 42.888 | ng    | 96       |
| 63) Azobenzene                 | 10.46 | 77   | 770764   | 34.457 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 10579    | 9.471  | ng    | 79       |
| 66) n-Nitrosodiphenylamine     | 10.42 | 169  | 669946   | 43.611 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.79 | 248  | 243338   | 48.231 | ng #  | 91       |
| 68) Hexachlorobenzene          | 10.86 | 284  | 255509   | 44.926 | ng    | 93       |
| 69) Atrazine                   | 10.94 | 200  | 196337   | 41.731 | ng    | 98       |
| 70) Pentachlorophenol          | 11.05 | 266  | 115095   | 34.383 | ng    | 98       |
| 71) Phenanthrene               | 11.26 | 178  | 979620   | 41.105 | ng    | 99       |
| 72) Anthracene                 | 11.32 | 178  | 999782   | 40.076 | ng    | 99       |
| 73) Carbazole                  | 11.47 | 167  | 919553   | 37.786 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.80 | 149  | 1247590  | 42.755 | ng    | 100      |
| 75) Fluoranthene               | 12.44 | 202  | 968128   | 37.916 | ng    | 97       |
| 77) Benzidine                  | 12.57 | 184  | 487209   | 24.549 | ng    | 99       |
| 78) Pyrene                     | 12.67 | 202  | 984704   | 30.536 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.29 | 149  | 451757   | 31.737 | ng    | 93       |
| 81) Benzo(a)anthracene         | 13.86 | 228  | 865903   | 32.661 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.82 | 252  | 371714   | 37.072 | ng    | 98       |
| 83) Chrysene                   | 13.90 | 228  | 899284   | 34.629 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.85 | 149  | 608153   | 36.425 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.46 | 149  | 1170065  | 40.812 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.65 | 276  | 664167   | 30.000 | ng    | 94       |
| 88) Benzo(b)fluoranthene       | 14.88 | 252  | 830087   | 38.749 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 14.91 | 252  | 790533m  | 40.740 | ng    |          |
| 90) Benzo(a)pyrene             | 15.22 | 252  | 720396   | 38.019 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 16.66 | 278  | 561795   | 34.745 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.06 | 276  | 532528   | 32.800 | ng    | 96       |

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





#1

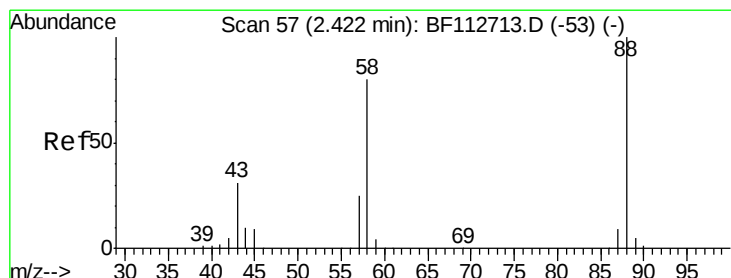
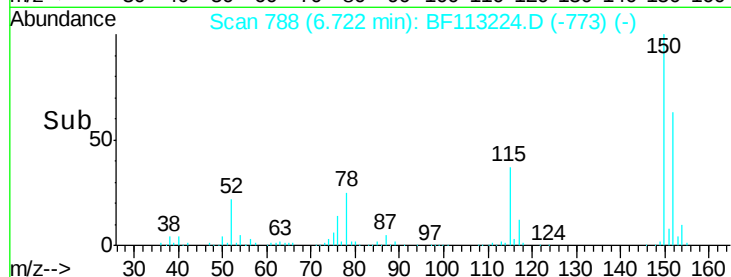
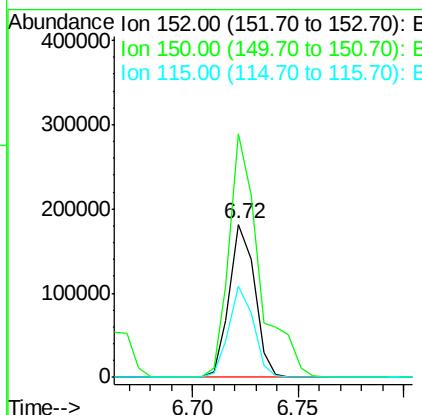
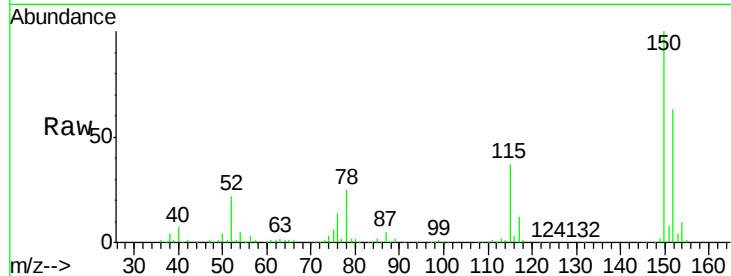
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.3 | 124.2 | 186.2 |
| 115     | 59.7  | 48.2  | 72.4  |

Manual Integrations  
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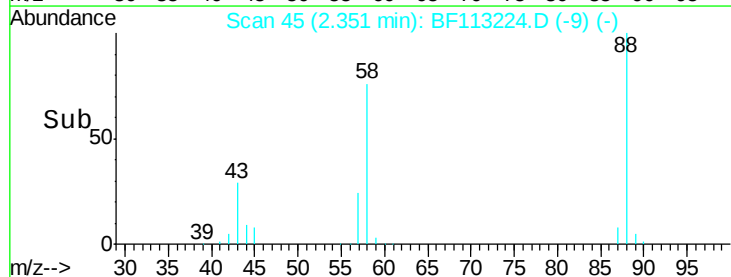
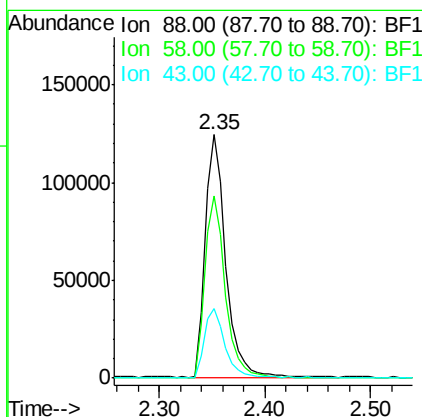
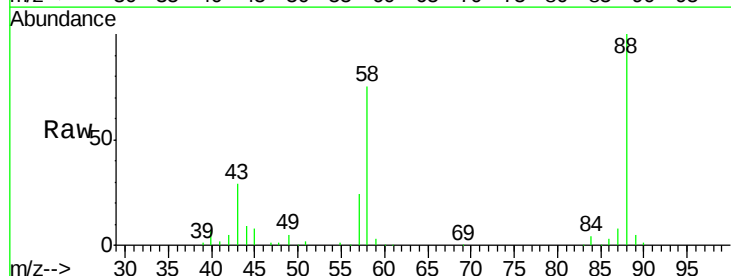
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3/22/2019 3:36:05 PM

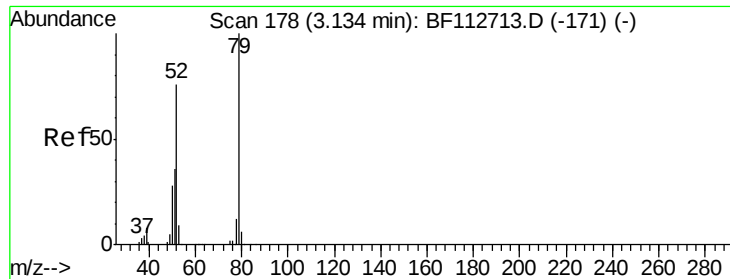


#2

1,4-Dioxane  
Concen: 34.121 ng  
RT: 2.35 min Scan# 45  
Delta R.T. -0.09 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.7  | 63.1  | 94.7  |
| 43      | 28.5  | 24.3  | 36.5  |





#3

Pyridine

Concen: 31.928 ng

RT: 3.06 min Scan# 166

Delta R.T. -0.08 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

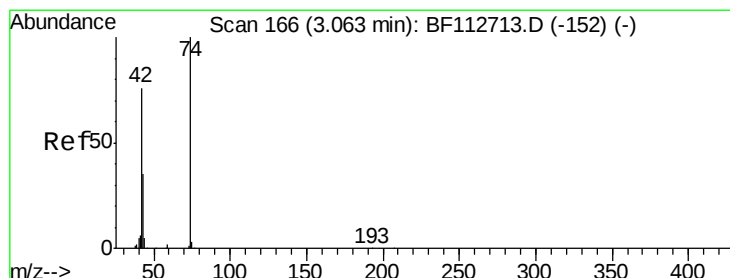
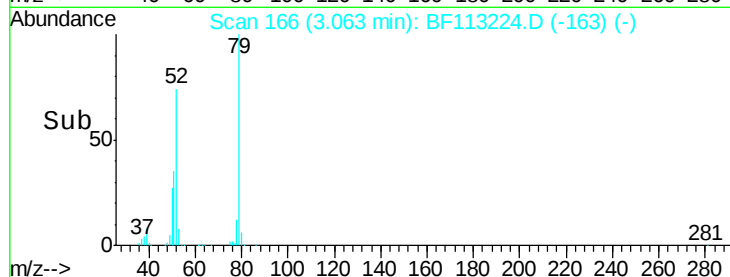
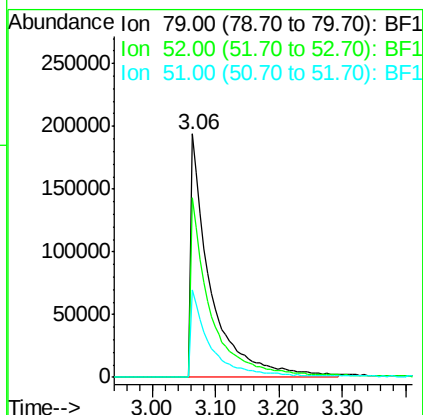
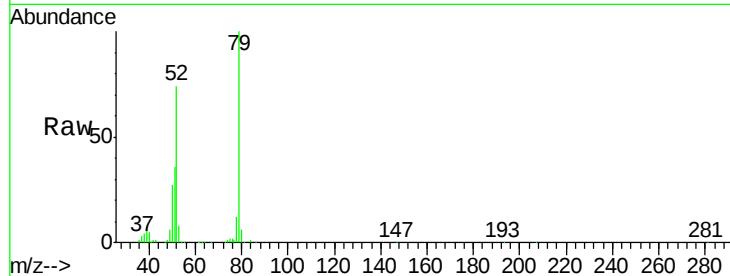
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 416588 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 73.6  | 60.5  | 90.7   |
| 51        | 35.7  | 28.8  | 43.2   |

Manual Integrations  
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3/22/2019 3:36:05 PM



#4

n-Nitrosodimethylamine

Concen: 32.047 ng m

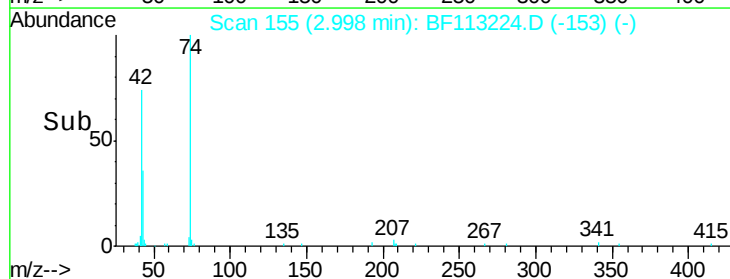
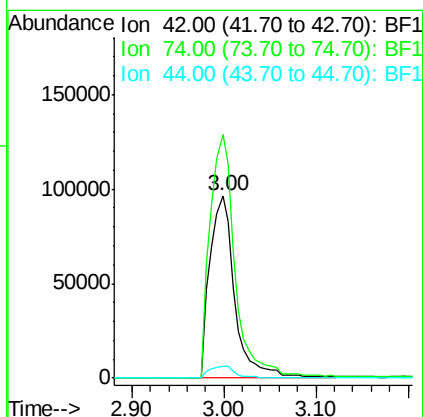
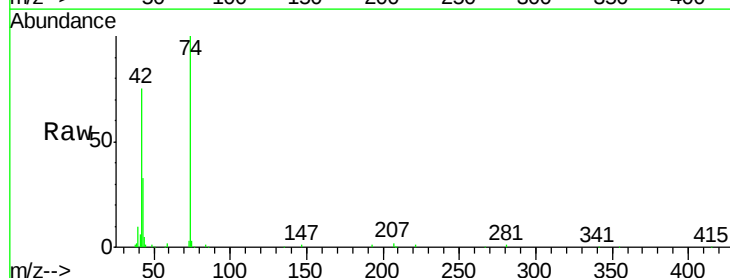
RT: 3.00 min Scan# 155

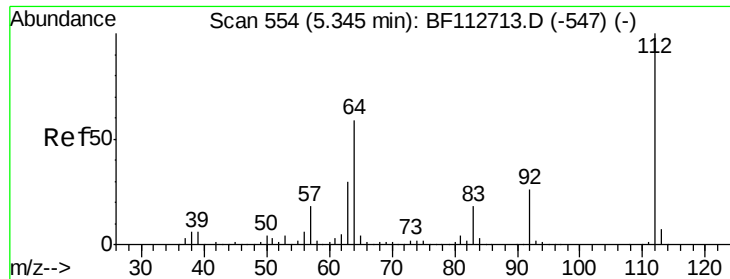
Delta R.T. -0.09 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 182919 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 133.4 | 105.8 | 158.8  |
| 44        | 6.4   | 6.2   | 9.2    |





#5

2-Fluorophenol

Concen: 74.009 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

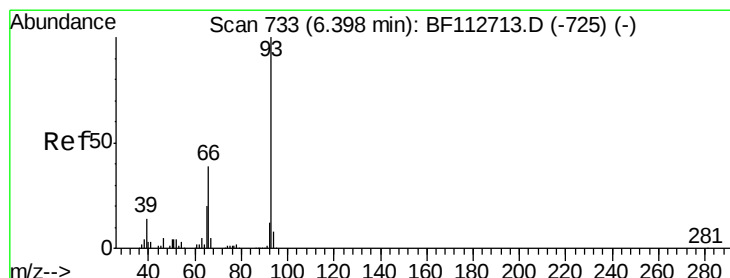
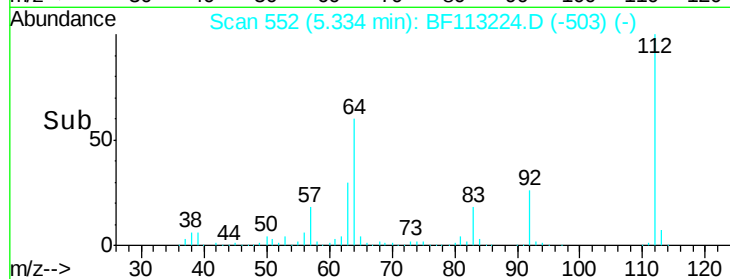
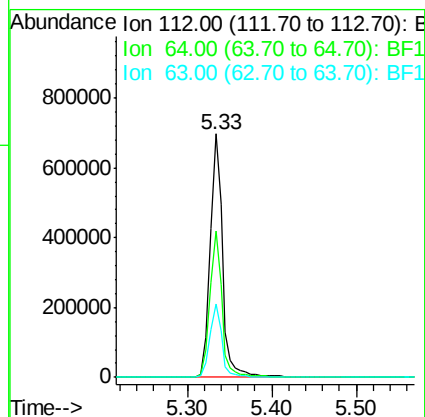
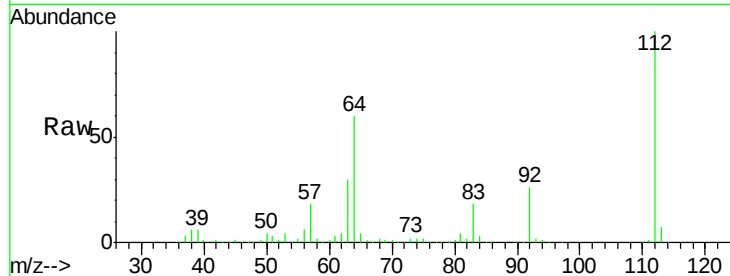
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 720067 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.9  | 47.6  | 71.4   |
| 63        | 30.0  | 24.4  | 36.6   |

Manual Integrations  
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3/22/2019 3:36:05 PM



#6

Aniline

Concen: 33.156 ng

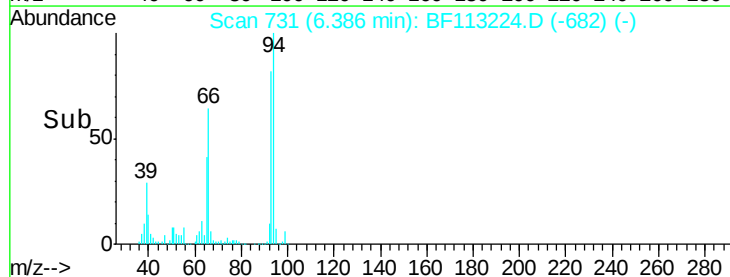
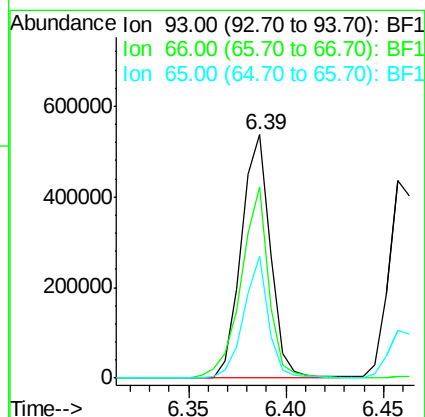
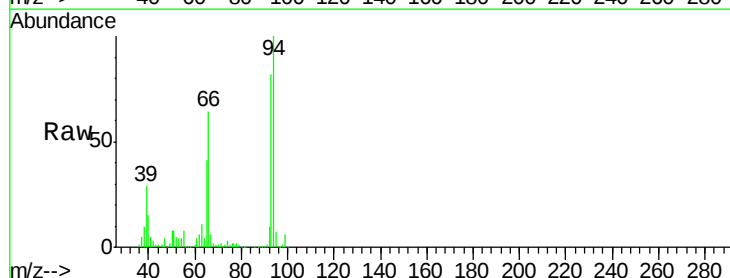
RT: 6.39 min Scan# 731

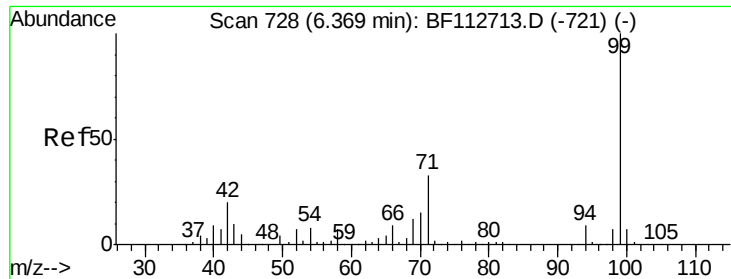
Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 557798 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 78.2  | 32.2  | 48.2#  |
| 65        | 49.9  | 16.2  | 24.4#  |





#7

Phenol-d6

Concen: 73.760 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

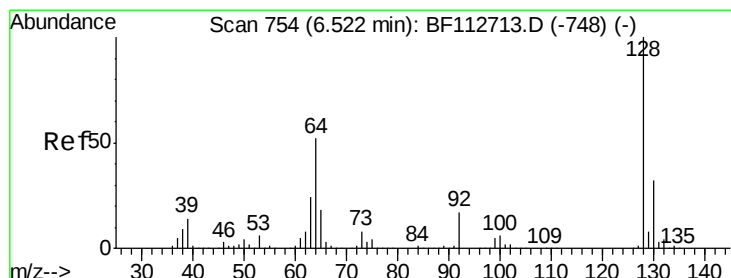
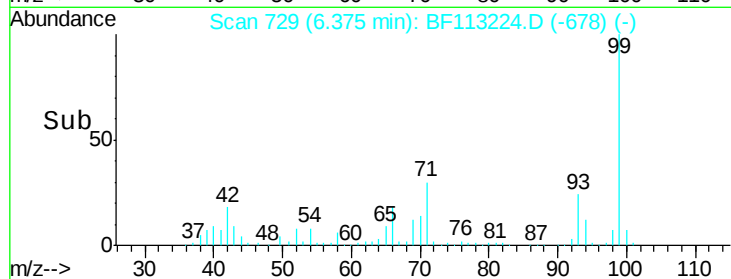
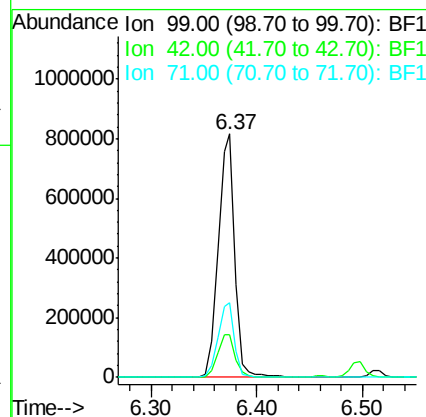
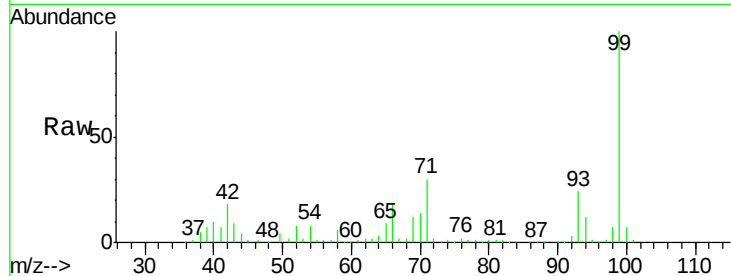
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 901482 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.6  | 16.3  | 24.5   |
| 71        | 30.5  | 26.2  | 39.4   |

Manual Integrations  
APPROVED

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3/22/2019 3:36:05 PM



#8

2-Chlorophenol

Concen: 38.960 ng

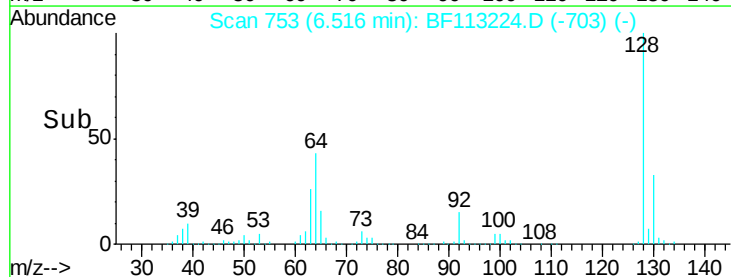
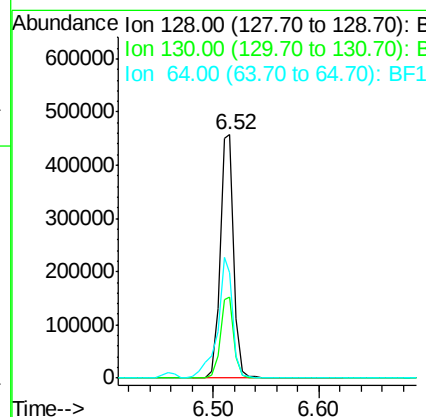
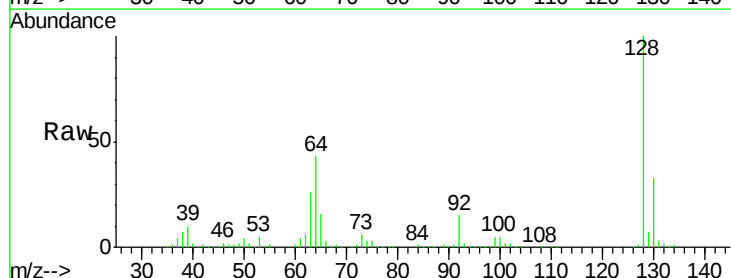
RT: 6.52 min Scan# 753

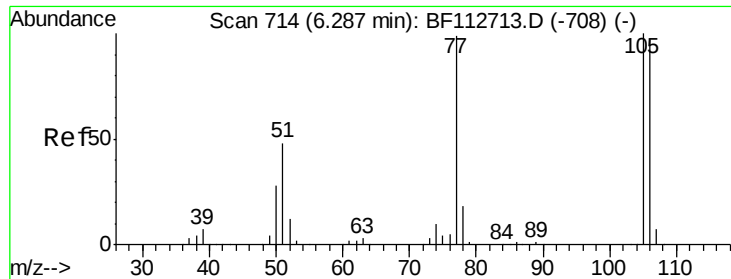
Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 421957 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.4  | 12.4  | 52.4   |
| 64        | 43.3  | 32.2  | 72.2   |





#9

Benzaldehyde

Concen: 28.804 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

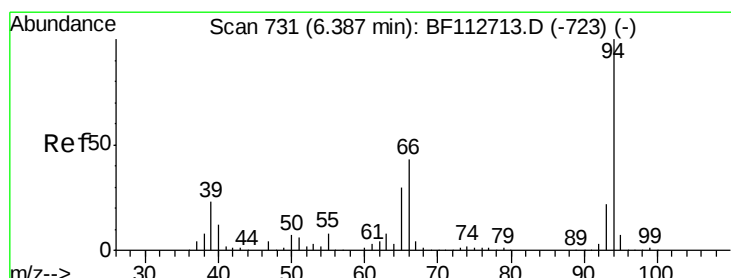
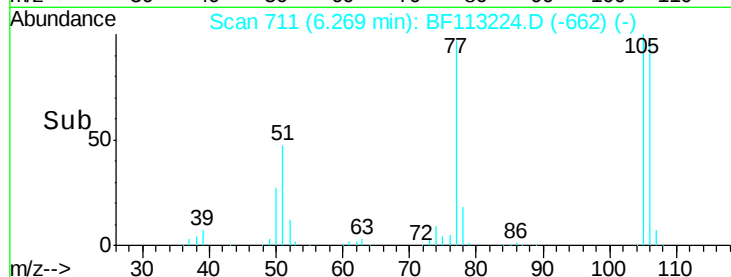
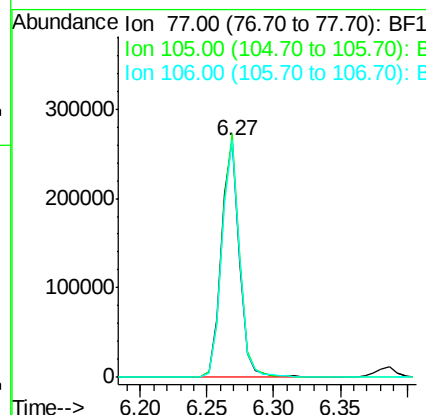
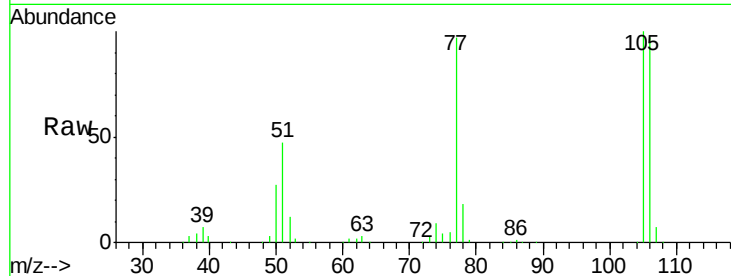
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 253660 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 102.7 | 81.4  | 121.4  |
| 106      | 100.0 | 78.3  | 118.3  |

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#10

Phenol

Concen: 35.491 ng

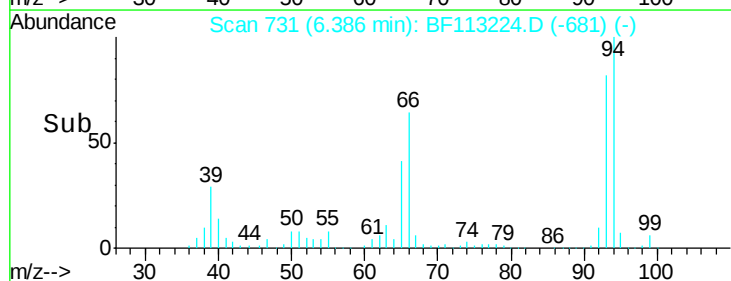
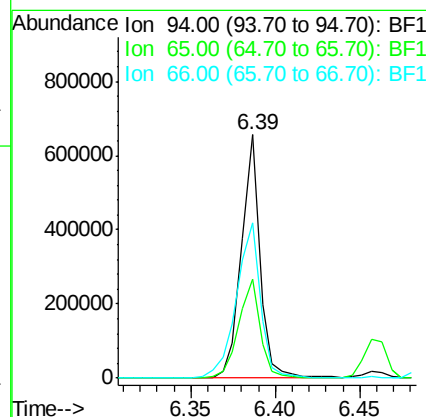
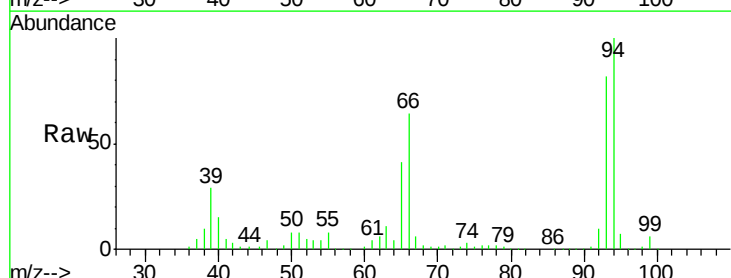
RT: 6.39 min Scan# 731

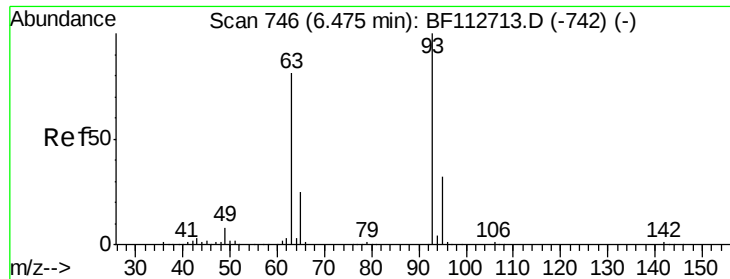
Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 506168 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 40.8  | 10.5  | 50.5   |
| 66       | 64.0  | 22.6  | 62.6#  |





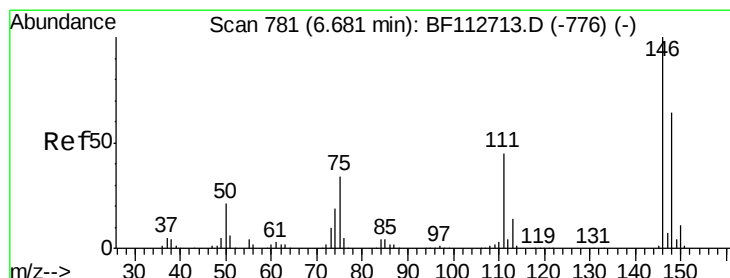
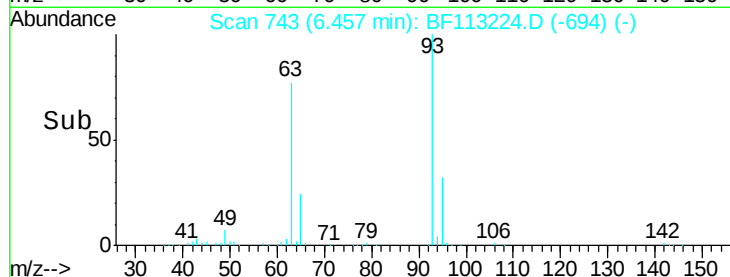
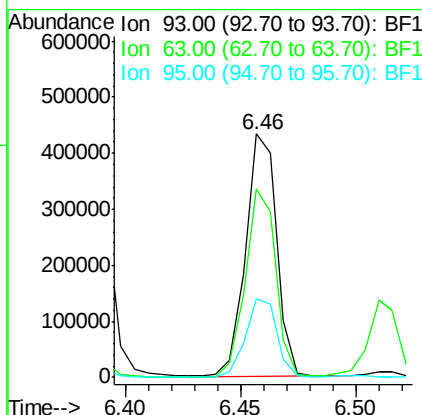
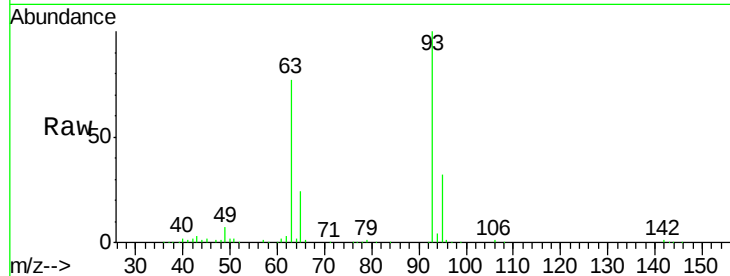
#11  
bis(2-Chloroethyl)ether  
Concen: 37.245 ng  
RT: 6.46 min Scan# 743  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 77.3  | 60.5  | 100.5 |
| 95      | 32.3  | 12.1  | 52.1  |

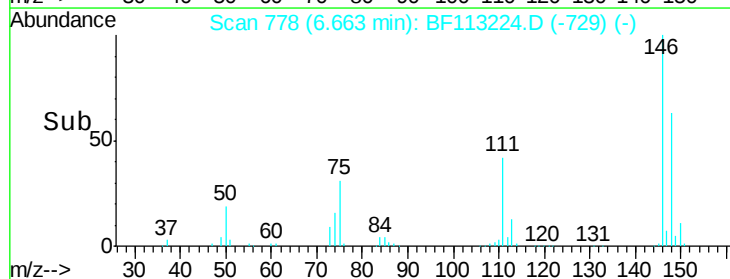
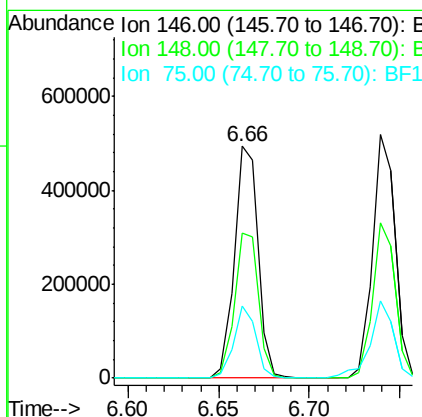
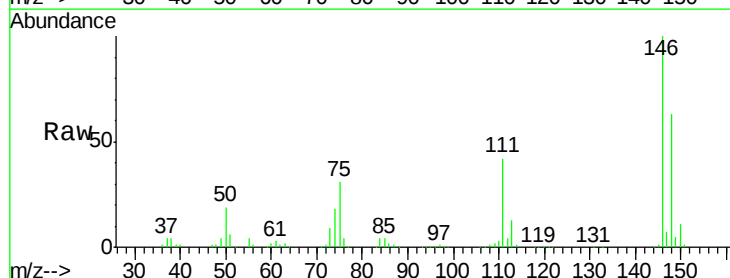
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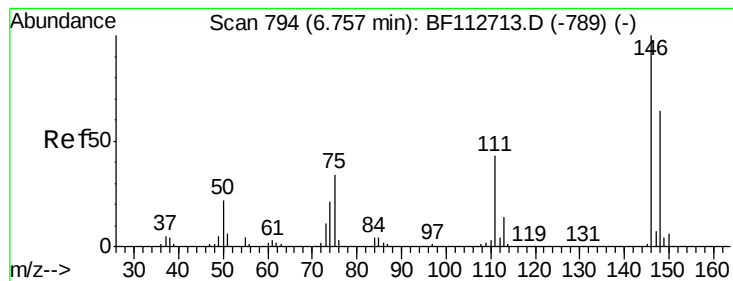
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#12  
1,3-Dichlorobenzene  
Concen: 40.108 ng  
RT: 6.66 min Scan# 778  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.9  | 50.9  | 76.3  |
| 75      | 31.4  | 26.9  | 40.3  |





#13

1,4-Dichlorobenzene

Concen: 40.576 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

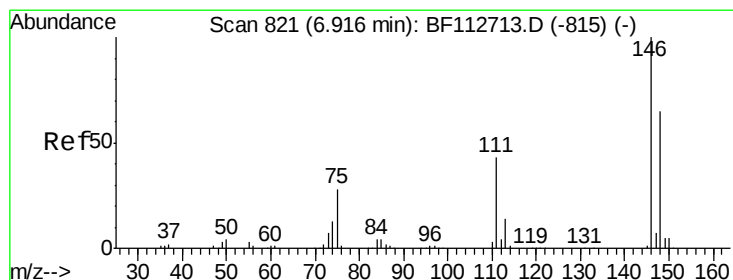
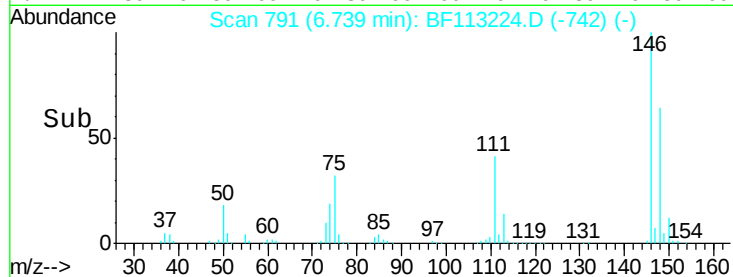
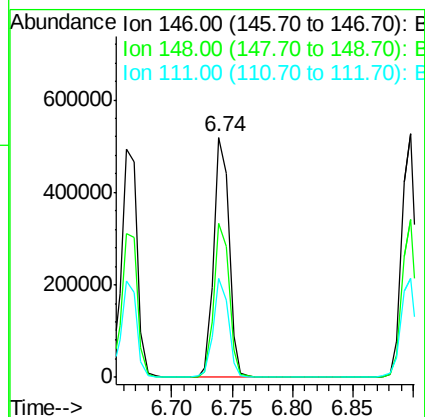
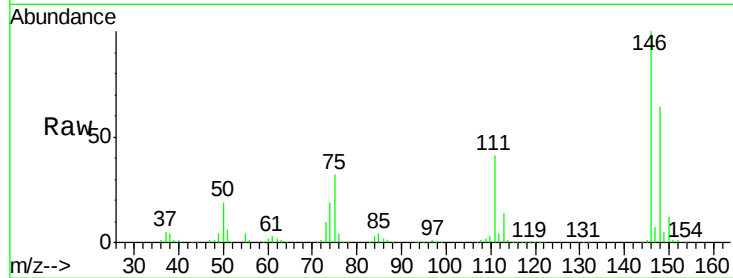
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 455268 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.9  | 51.0  | 76.4   |
| 111       | 41.4  | 34.5  | 51.7   |

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#14

1,2-Dichlorobenzene

Concen: 40.777 ng

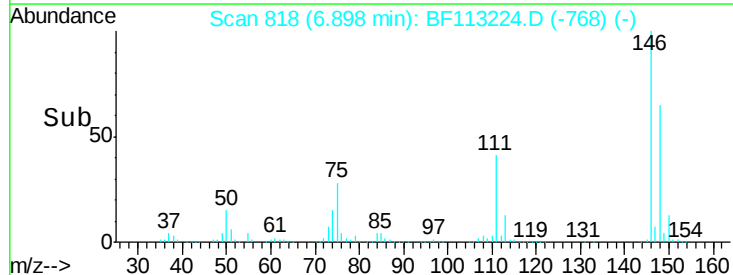
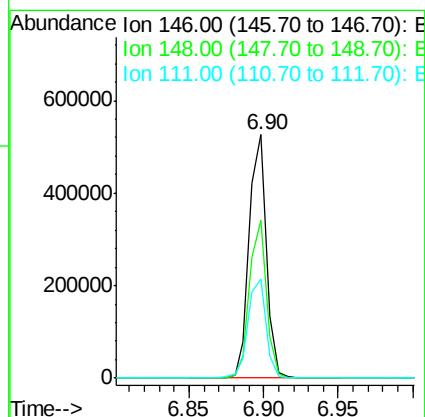
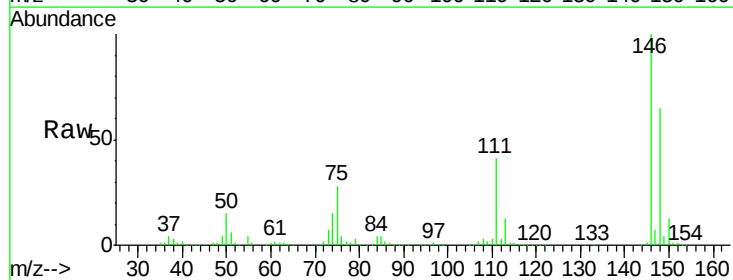
RT: 6.90 min Scan# 818

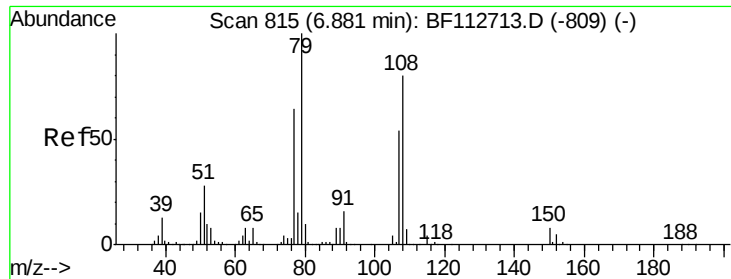
Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 419424 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.6  | 52.0  | 78.0   |
| 111       | 40.8  | 34.8  | 52.2   |





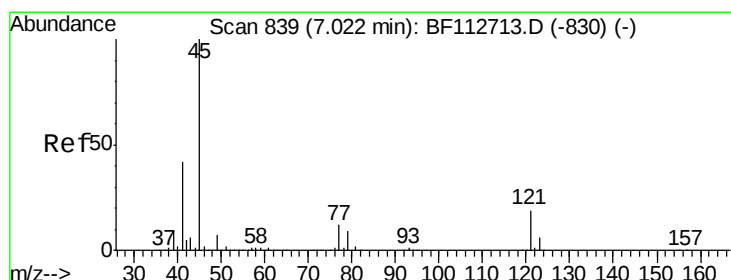
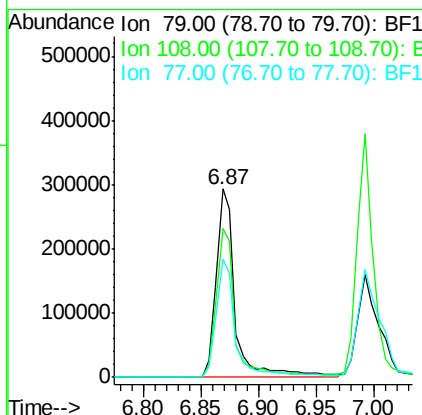
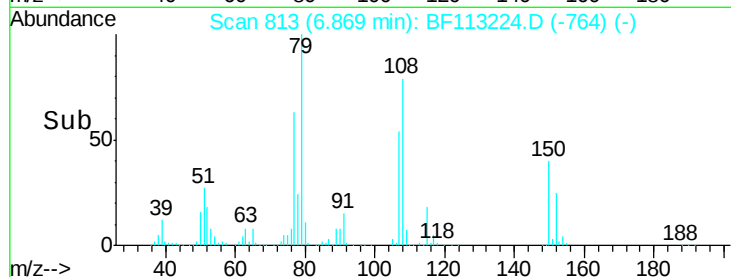
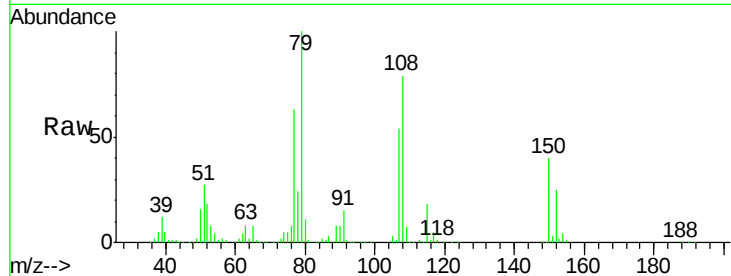
#15  
Benzyl Alcohol  
Concen: 35.926 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 79.1  | 64.2  | 96.4  |
| 77      | 62.9  | 51.1  | 76.7  |

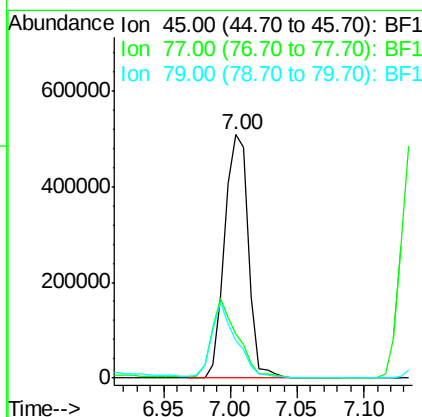
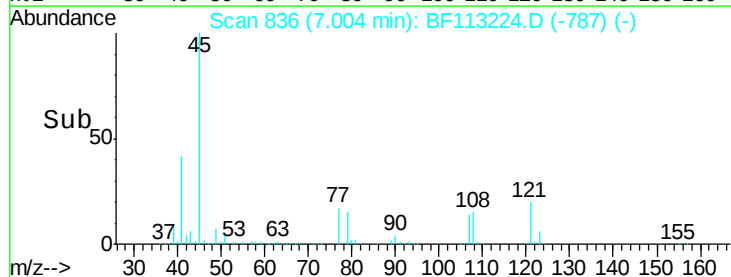
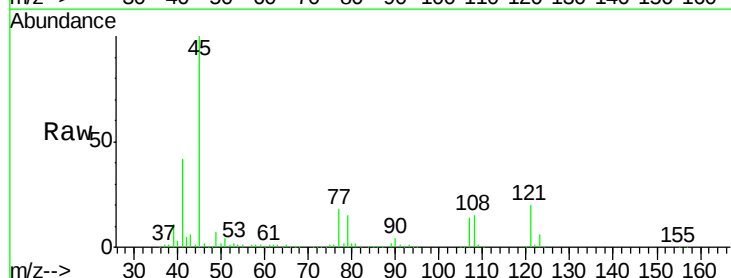
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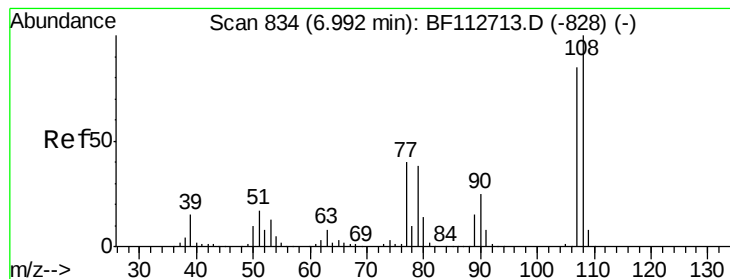
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 35.155 ng  
RT: 7.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.9  | 0.0   | 32.1  |
| 79      | 15.2  | 0.0   | 29.4  |





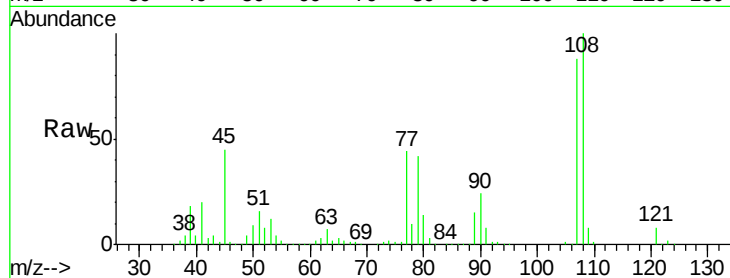
#17  
2-Methylphenol  
Concen: 37.481 ng  
RT: 6.99 min Scan# 834  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

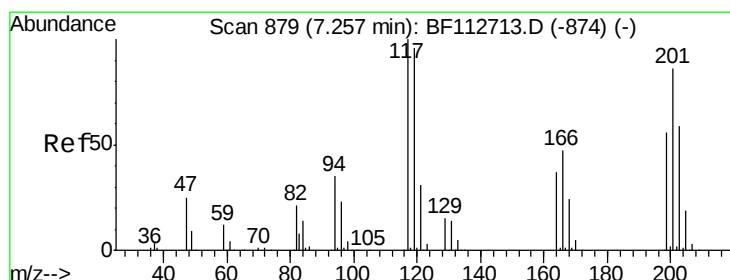
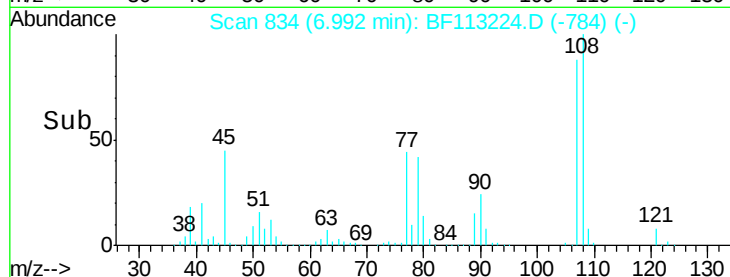
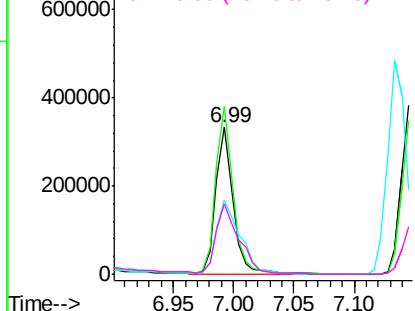
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 329320 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.7 | 94.6  | 142.0  |
| 77        | 50.2  | 37.8  | 56.8   |
| 79        | 47.8  | 36.2  | 54.2   |

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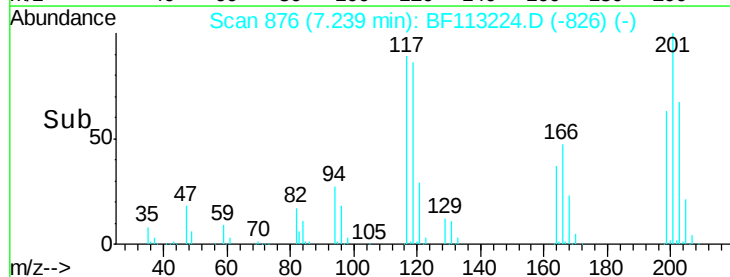
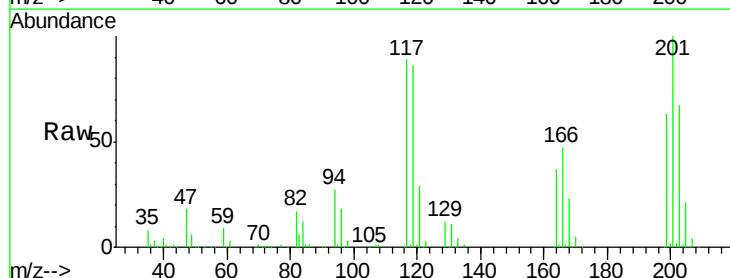
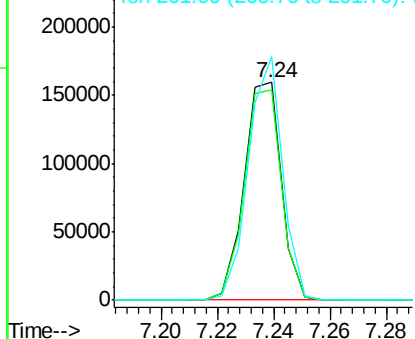
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

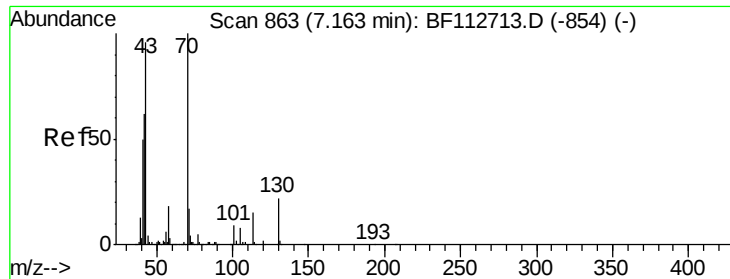


#18  
Hexachloroethane  
Concen: 33.720 ng  
RT: 7.24 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 144927 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.8  | 76.6  | 115.0  |
| 201       | 111.9 | 68.9  | 103.3# |

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





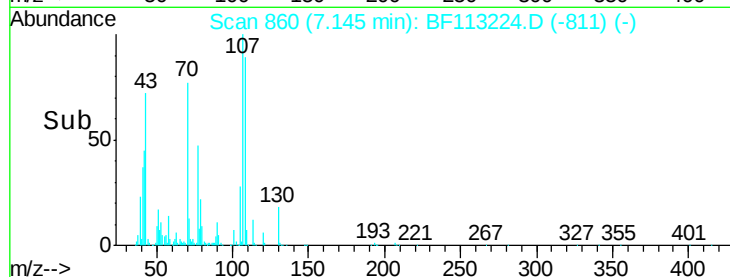
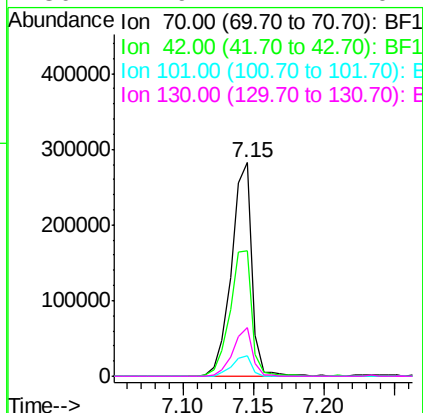
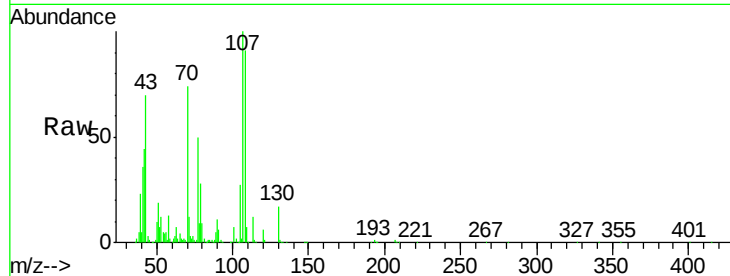
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.631 ng  
RT: 7.15 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 59.0  | 49.9  | 74.9  |
| 101     | 9.6   | 7.4   | 11.2  |
| 130     | 22.9  | 17.4  | 26.2  |

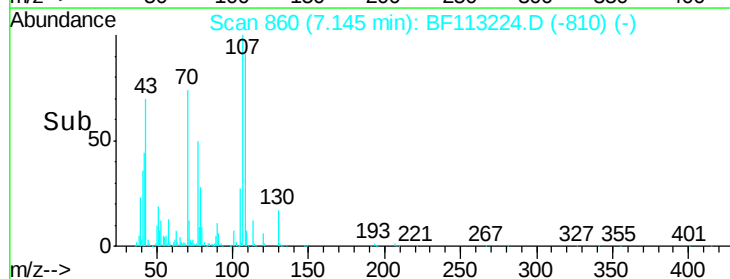
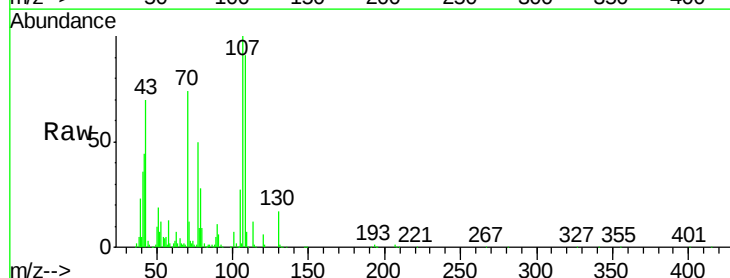
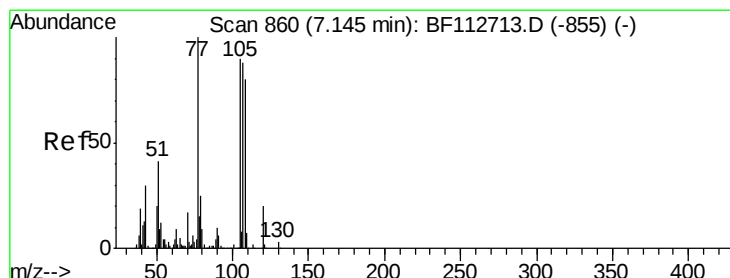
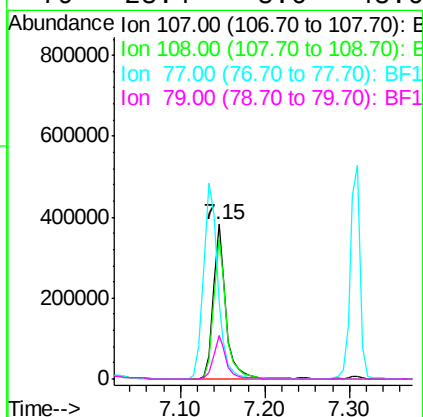
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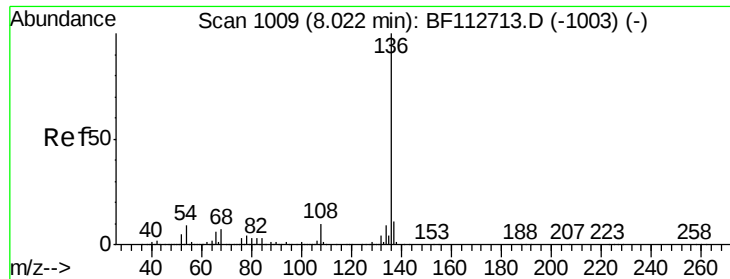
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#20  
3+4-Methylphenols  
Concen: 41.106 ng  
RT: 7.15 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 91.2  | 71.4  | 111.4  |
| 77      | 49.8  | 94.1  | 134.1# |
| 79      | 28.4  | 8.6   | 48.6   |





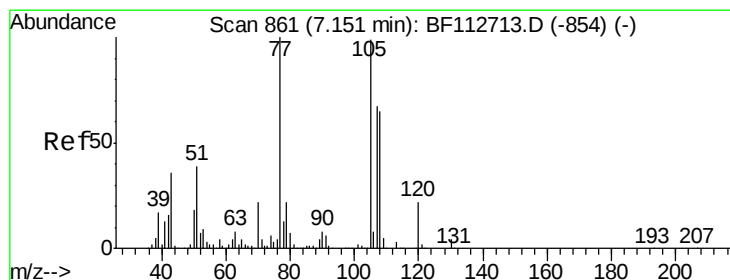
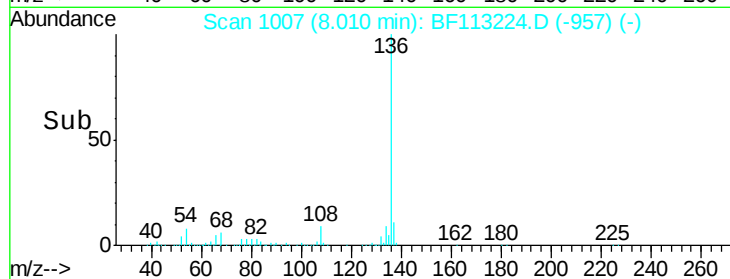
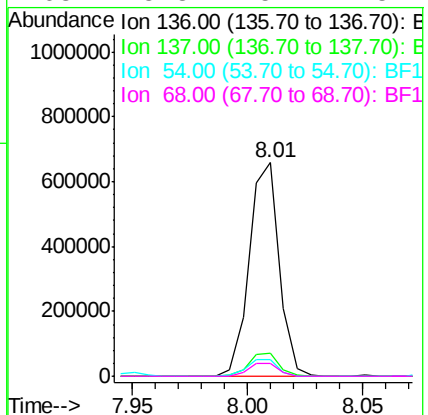
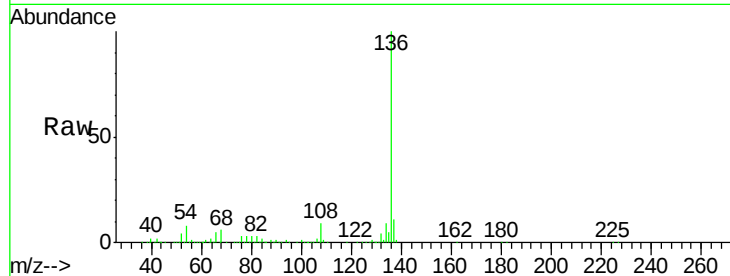
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 599793 |       |       |
| 137     | 10.9  | 8.9    | 13.3  |       |
| 54      | 7.7   | 7.3    | 10.9  |       |
| 68      | 5.8   | 5.4    | 8.2   |       |

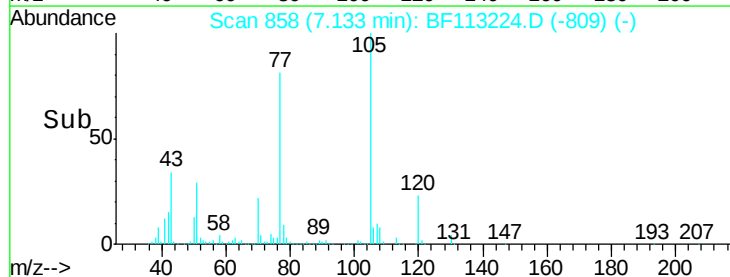
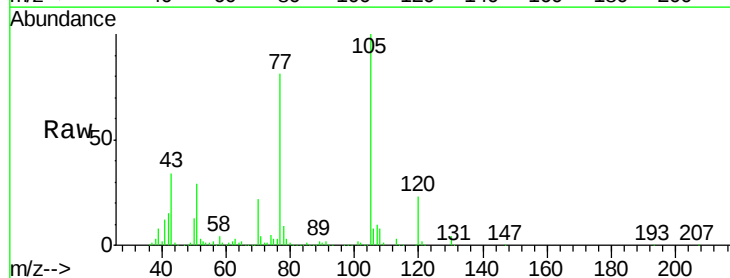
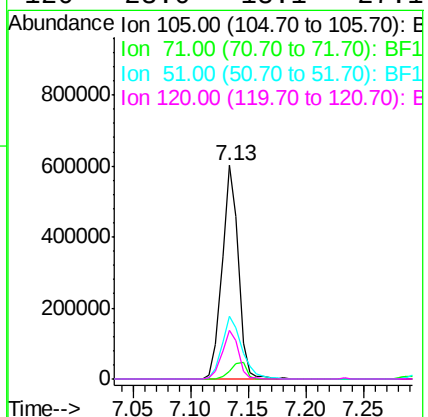
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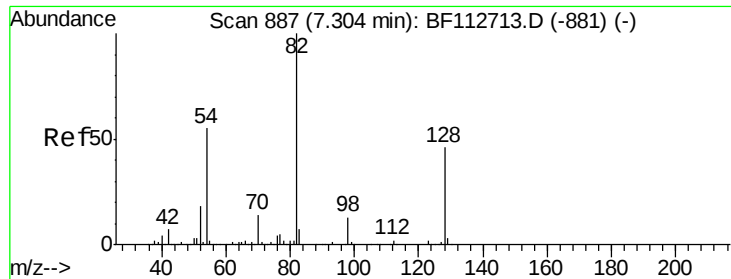
Sohil  
3/22/2019 3:36:05 PM



#22  
Acetophenone  
Concen: 41.805 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 586300 |       |       |
| 71      | 3.7   | 3.0    | 4.4   |       |
| 51      | 29.3  | 31.5   | 47.3  |       |
| 120     | 23.0  | 18.1   | 27.1  |       |





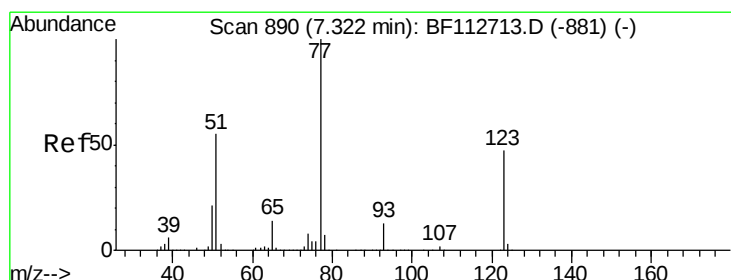
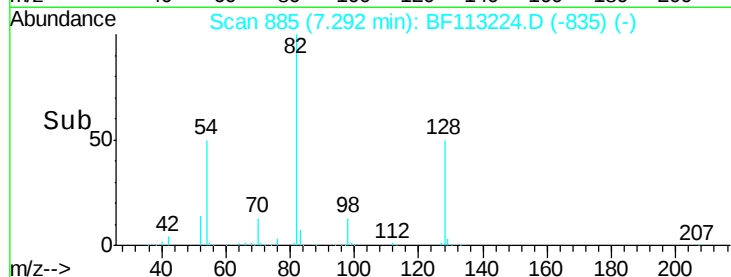
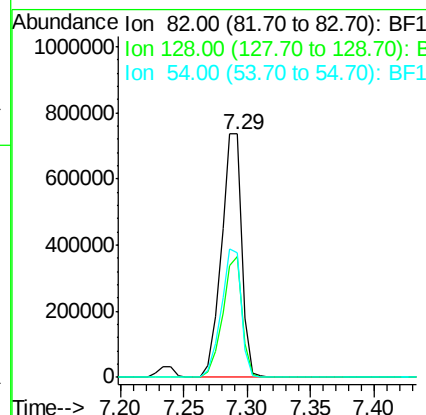
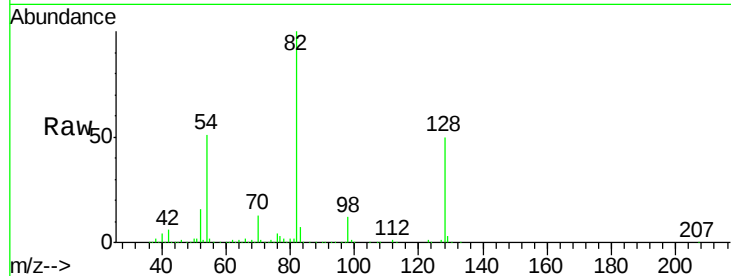
#23  
 Nitrobenzene-d5  
 Concen: 83.016 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 49.9  | 36.3  | 54.5  |
| 54      | 51.1  | 43.7  | 65.5  |

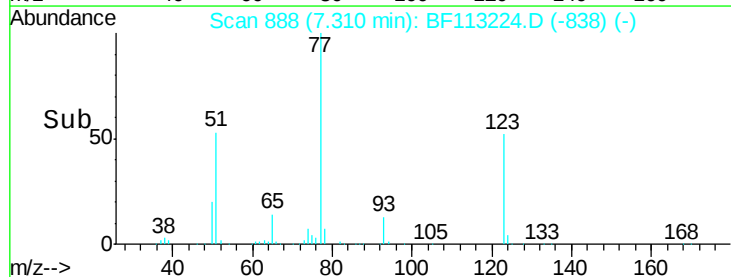
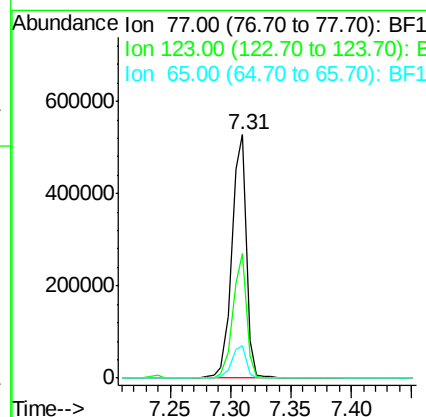
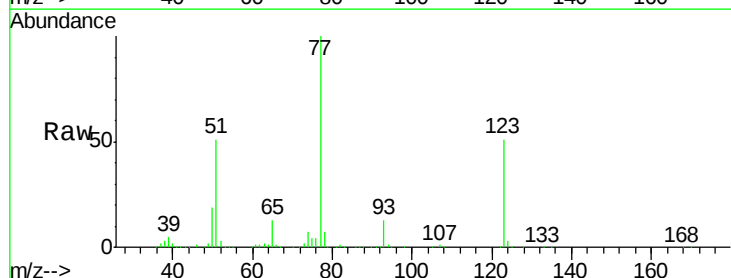
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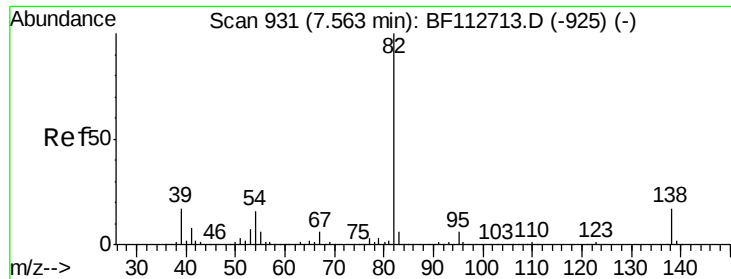
Sohil  
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#24  
 Nitrobenzene  
 Concen: 39.311 ng  
 RT: 7.31 min Scan# 888  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 51.2  | 37.8  | 56.6  |
| 65      | 13.4  | 11.1  | 16.7  |





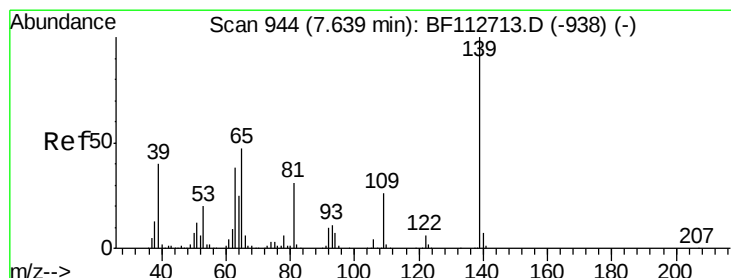
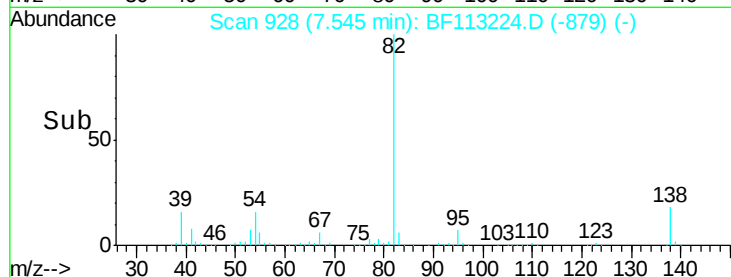
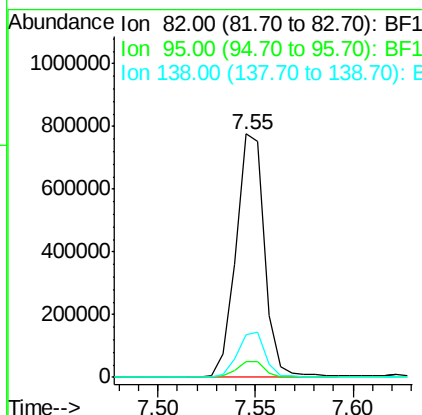
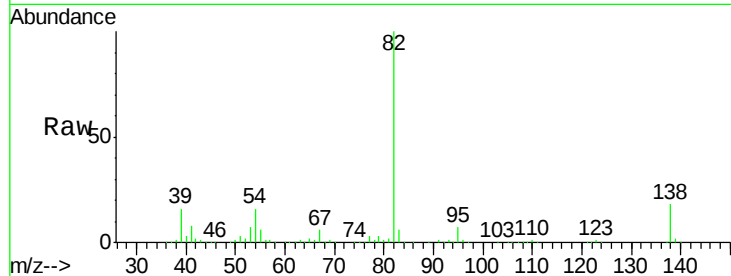
#25  
Isophorone  
Concen: 36.732 ng  
RT: 7.55 min Scan# 928  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 793211 |       |       |
| 95      | 6.6   | 5.2    | 7.8   |       |
| 138     | 17.5  | 13.8   | 20.8  |       |

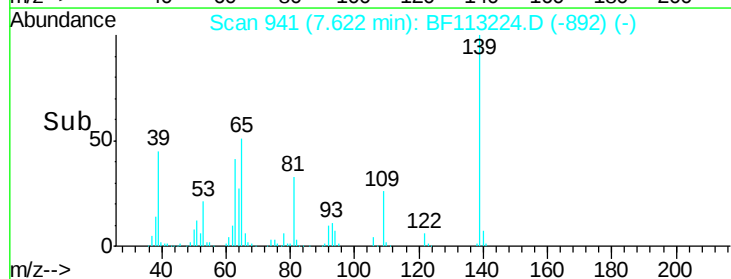
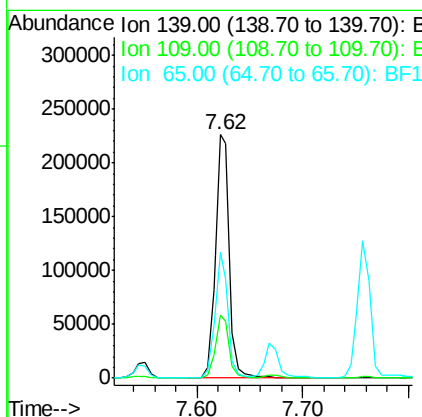
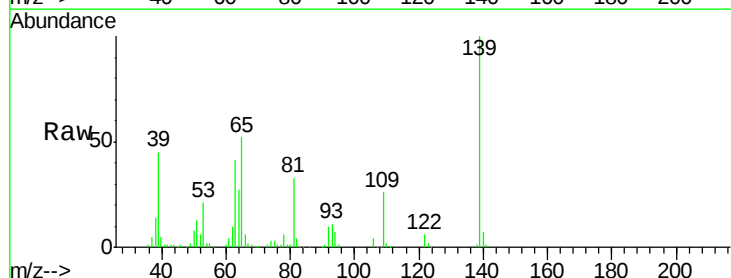
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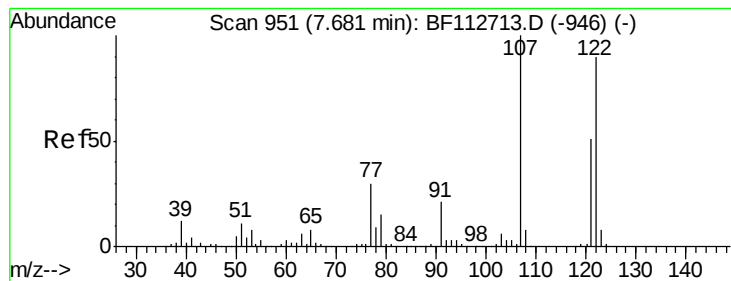
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#26  
2-Nitrophenol  
Concen: 46.145 ng  
RT: 7.62 min Scan# 941  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 214302 |       |       |
| 109     | 26.1  | 20.6   | 31.0  |       |
| 65      | 51.6  | 37.9   | 56.9  |       |





#27

2,4-Dimethylphenol

Concen: 39.194 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

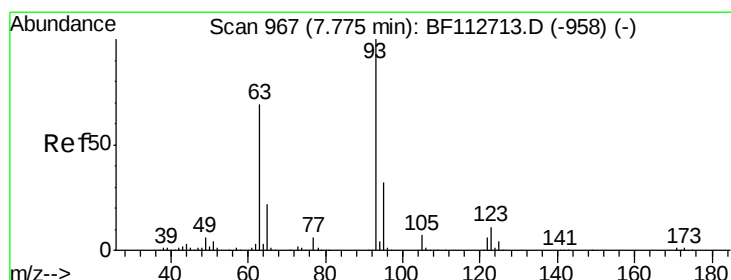
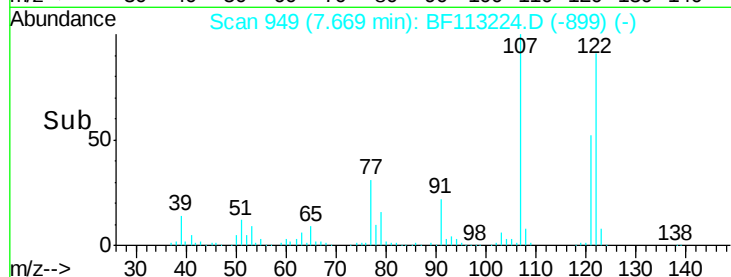
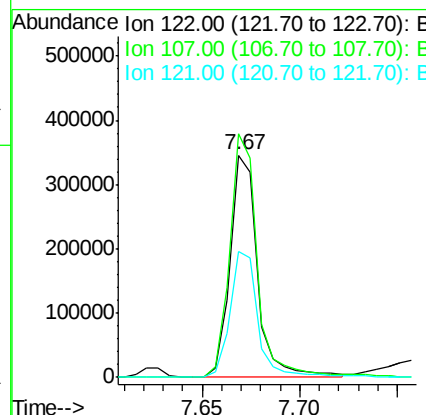
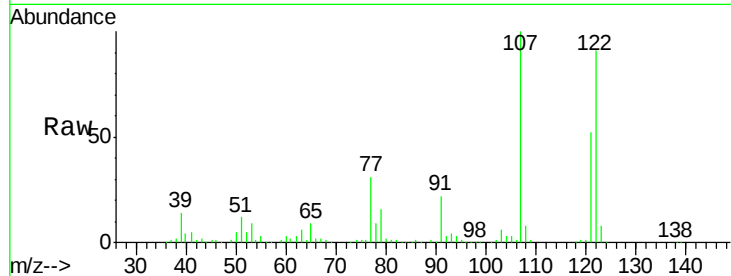
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 338634 |       |       |
| 107     | 109.5 | 89.4   | 134.0 |       |
| 121     | 56.7  | 45.5   | 68.3  |       |

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#28

bis(2-Chloroethoxy)methane

Concen: 37.889 ng

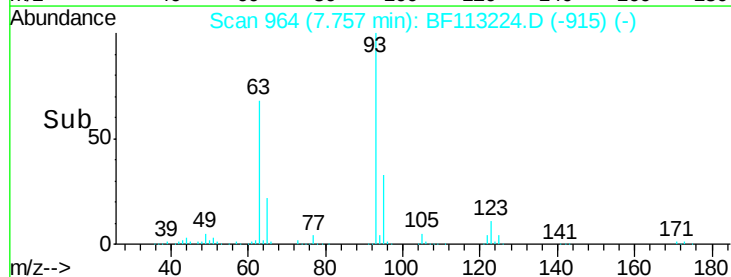
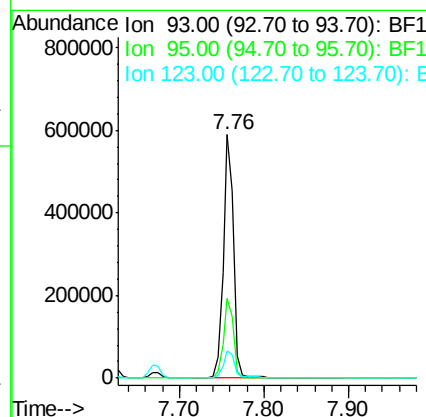
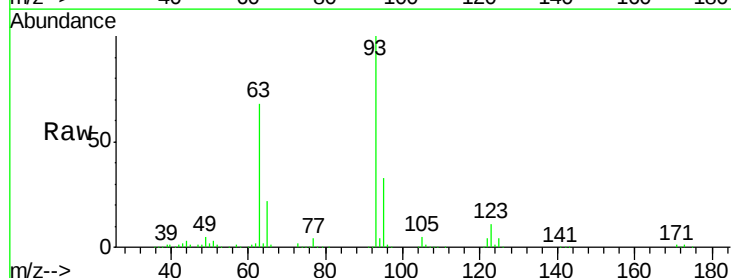
RT: 7.76 min Scan# 964

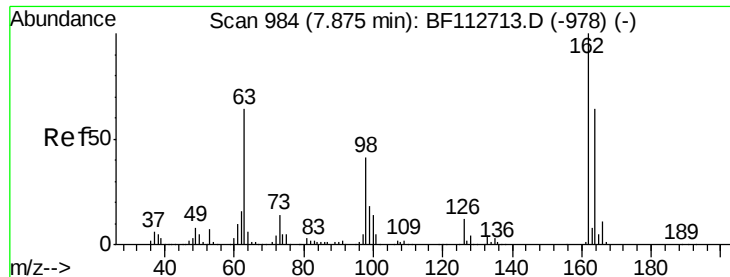
Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 511537 |       |       |
| 95      | 32.8  | 26.0   | 39.0  |       |
| 123     | 11.2  | 9.3    | 13.9  |       |





#29

2,4-Dichlorophenol

Concen: 42.156 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

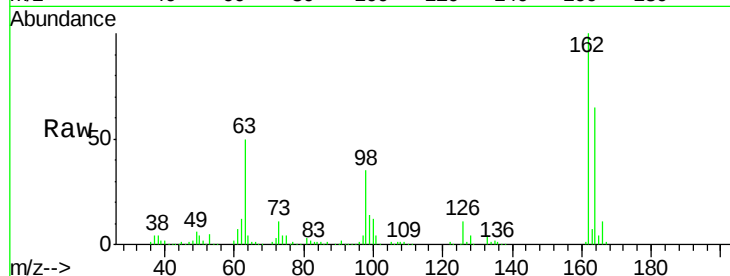
ClientSampleId :

SSTDCCC040

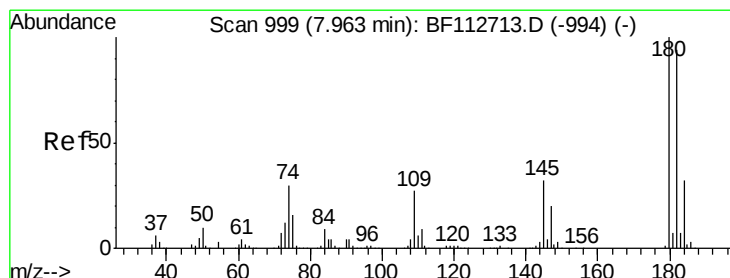
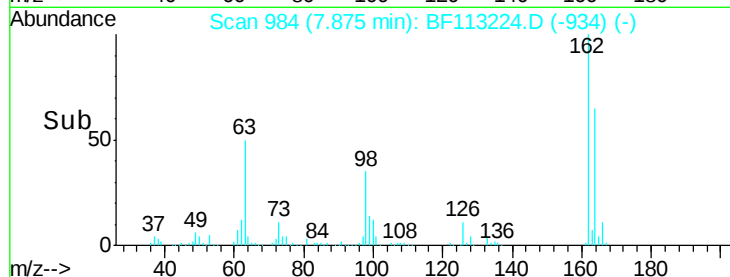
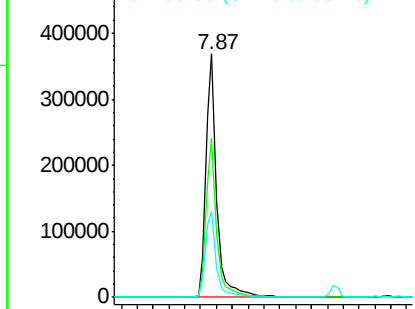
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 162  | Resp: | 353205 |
| Ion Ratio |      | Lower | Upper  |
| 162       | 100  |       |        |
| 164       | 65.2 | 44.0  | 84.0   |
| 98        | 35.5 | 20.7  | 60.7   |

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



#30

1,2,4-Trichlorobenzene

Concen: 42.608 ng

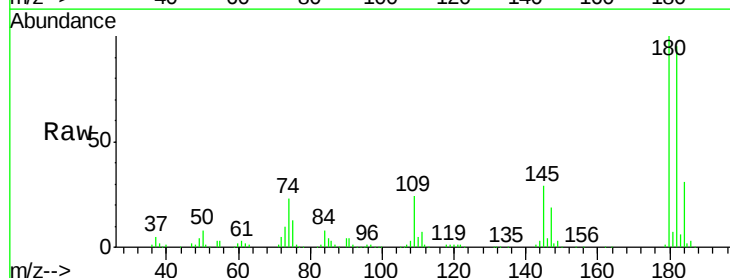
RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

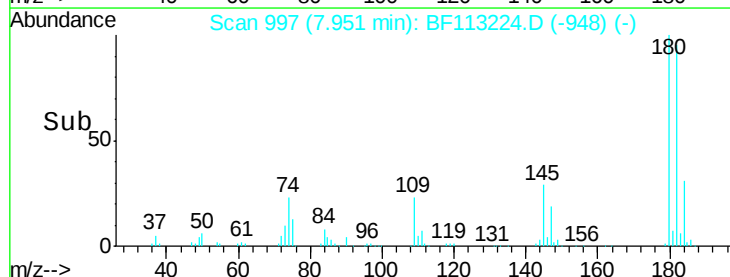
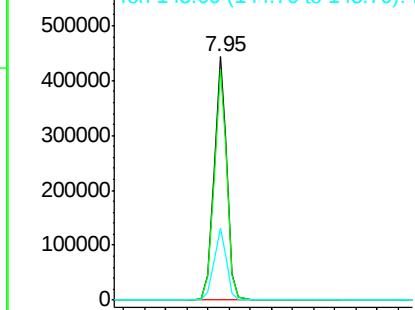
Lab File: BF113224.D

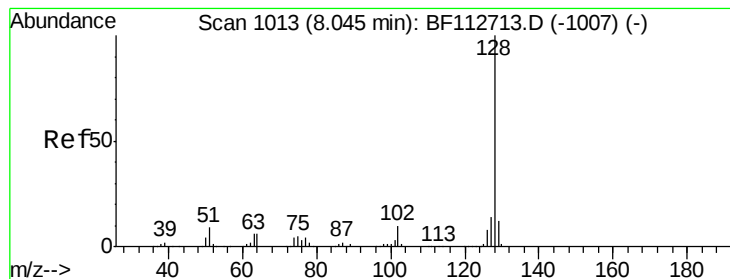
Acq: 21 Mar 2019 23:34

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 180  | Resp: | 383590 |
| Ion Ratio |      | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 94.6 | 75.2  | 112.8  |
| 145       | 29.5 | 25.4  | 38.0   |



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: 39.531 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1177176

Ion Ratio Lower Upper

128 100

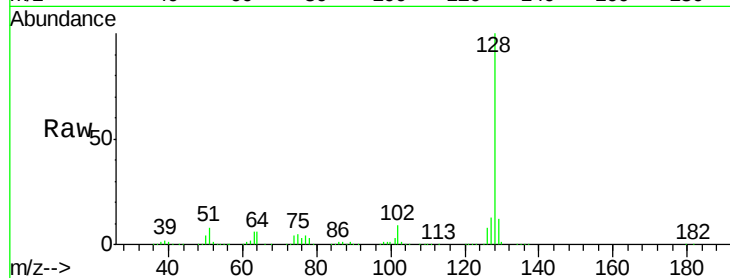
129 11.7 9.3 13.9

127 13.3 10.9 16.3

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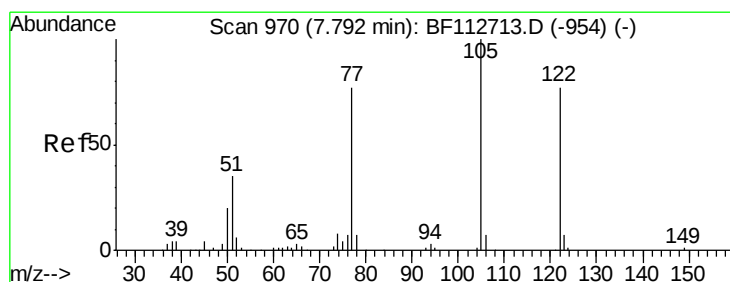
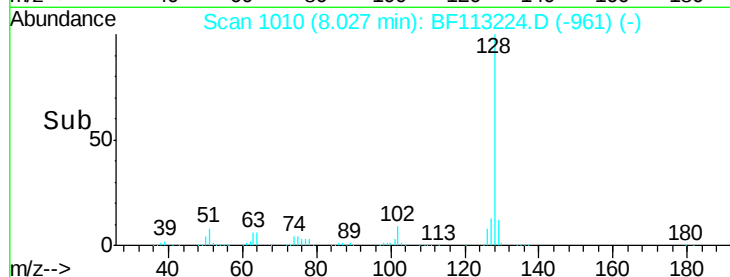
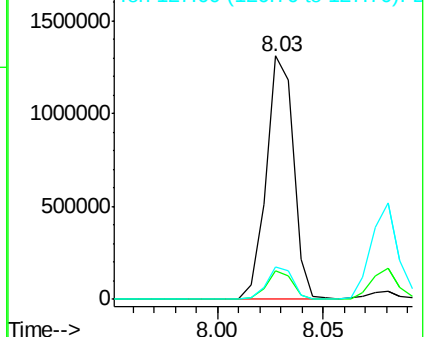
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.782 ng m

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

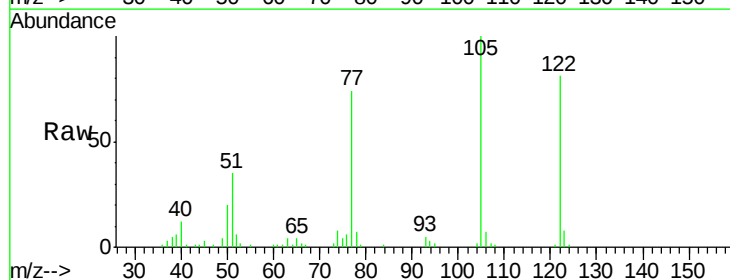
Tgt Ion:122 Resp: 192459

Ion Ratio Lower Upper

122 100

105 123.8 106.8 146.8

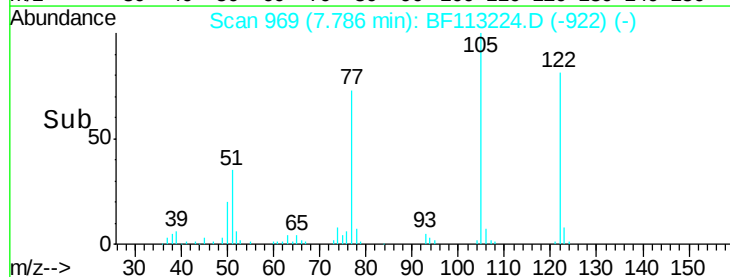
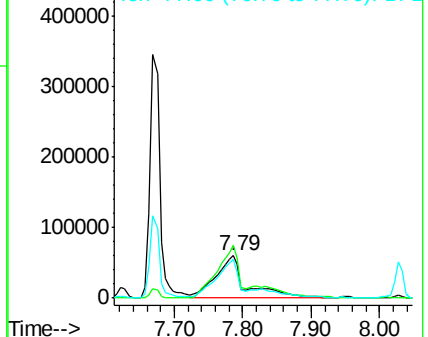
77 91.7 79.4 119.4

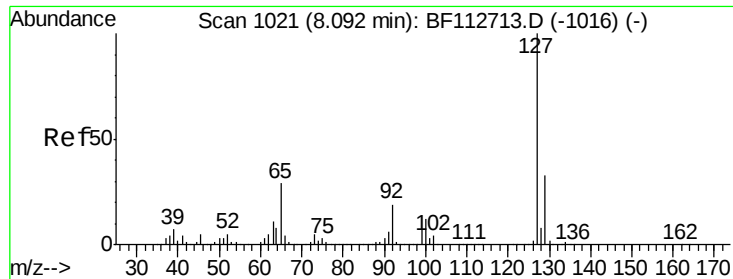


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





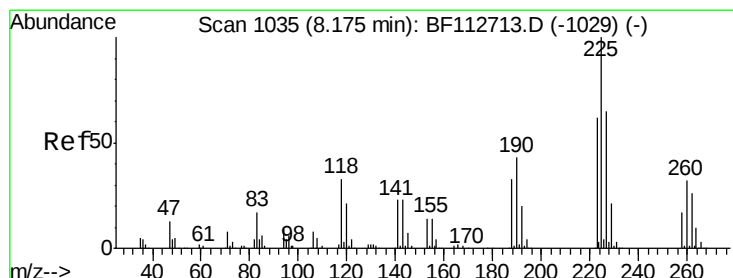
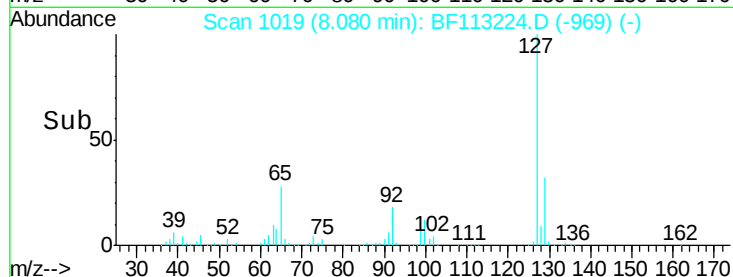
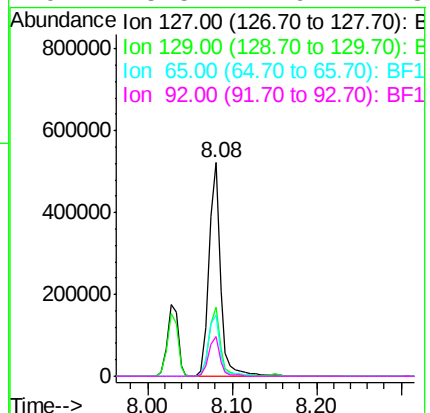
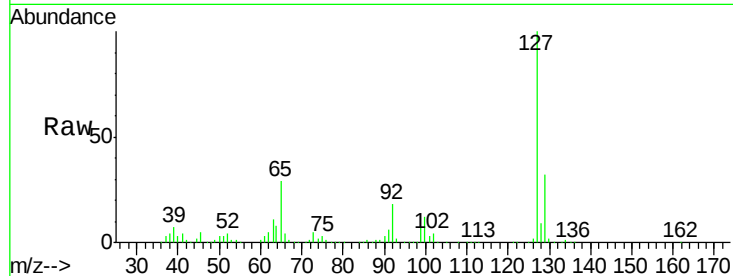
#33  
4-Chloroaniline  
Concen: 39.379 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 496670 |       |       |
| 129     | 32.5  | 26.4   | 39.6  |       |
| 65      | 28.9  | 23.1   | 34.7  |       |
| 92      | 18.5  | 14.9   | 22.3  |       |

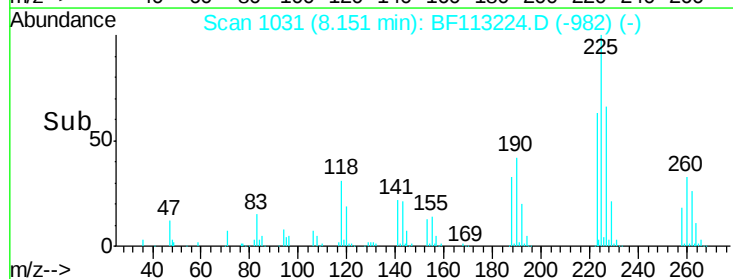
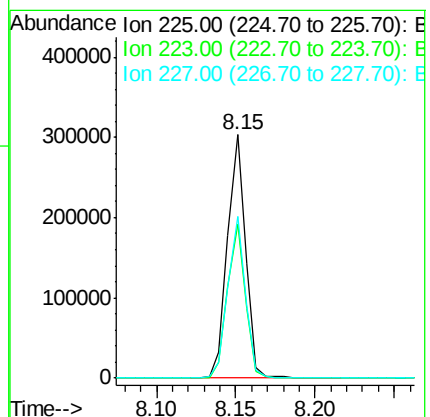
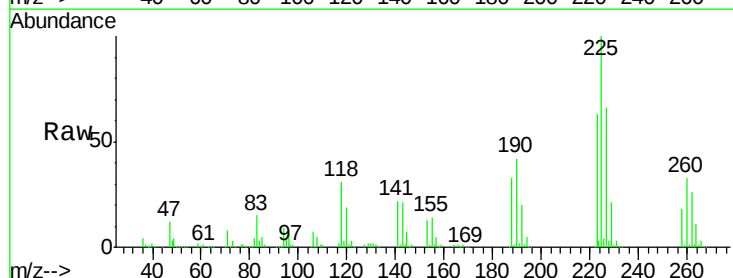
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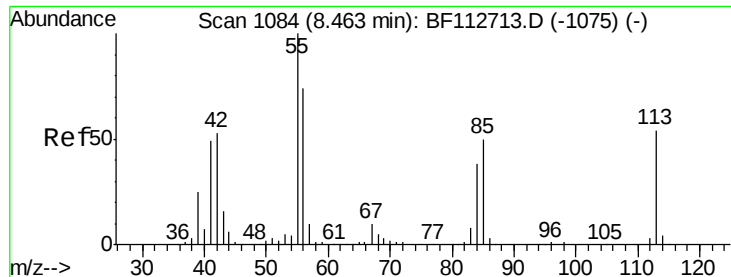
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#34  
Hexachlorobutadiene  
Concen: 47.169 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 239485 |       |       |
| 223     | 63.5  | 49.7   | 74.5  |       |
| 227     | 66.2  | 52.1   | 78.1  |       |





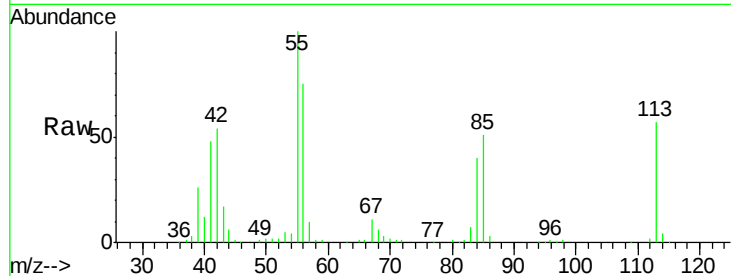
#35  
 Caprolactam  
 Concen: 39.969 ng  
 RT: 8.45 min Scan# 1082  
 Delta R.T. -0.02 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

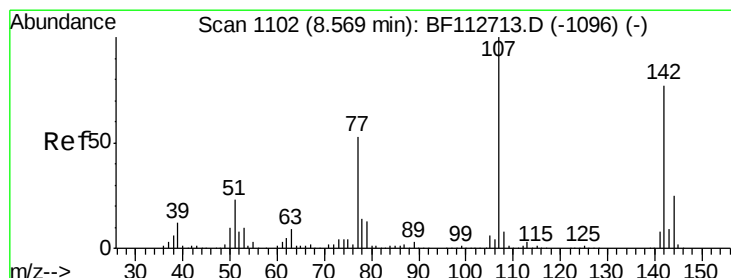
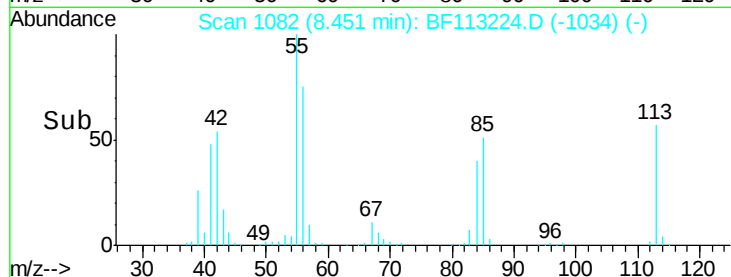
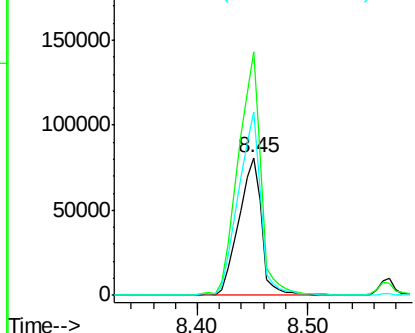
Tgt Ion: 113 Resp: 117948  
 Ion Ratio Lower Upper  
 113 100  
 55 176.6 163.5 203.5  
 56 132.8 115.3 155.3

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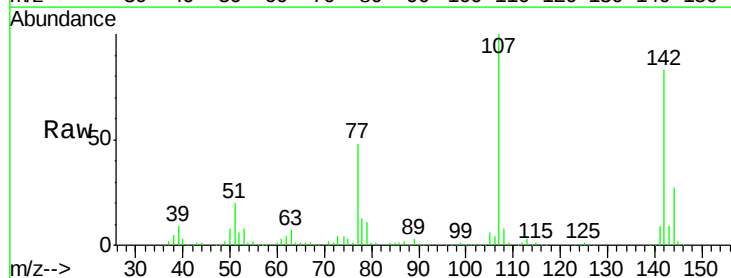


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

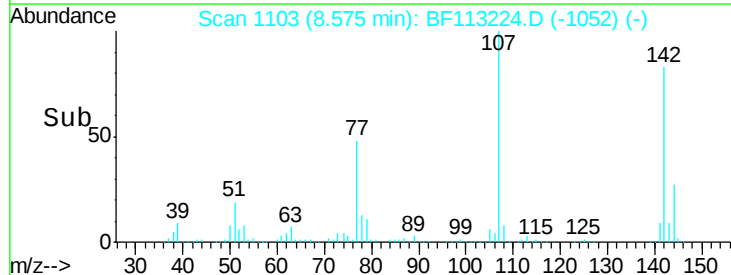
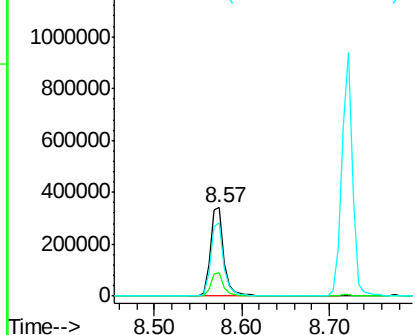


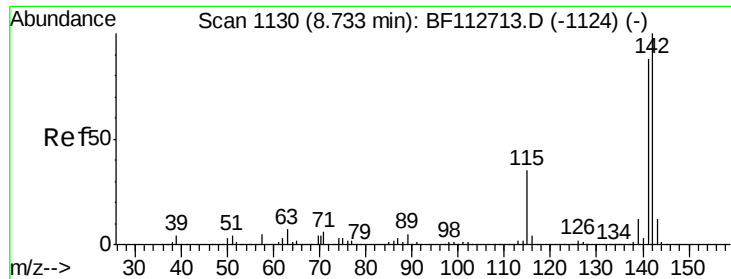
#36  
 4-Chloro-3-methylphenol  
 Concen: 39.204 ng  
 RT: 8.57 min Scan# 1103  
 Delta R.T. -0.00 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

Tgt Ion: 107 Resp: 363520  
 Ion Ratio Lower Upper  
 107 100  
 144 26.9 20.1 30.1  
 142 83.3 61.9 92.9



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





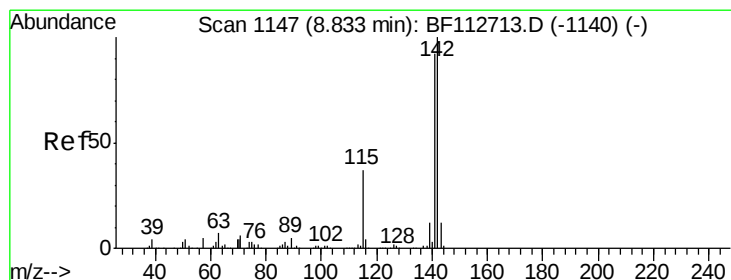
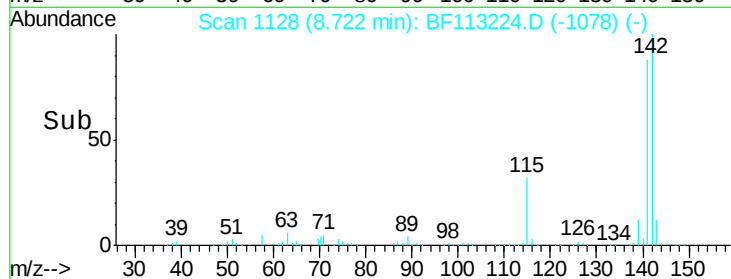
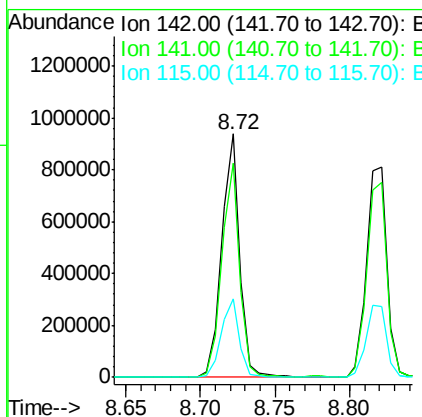
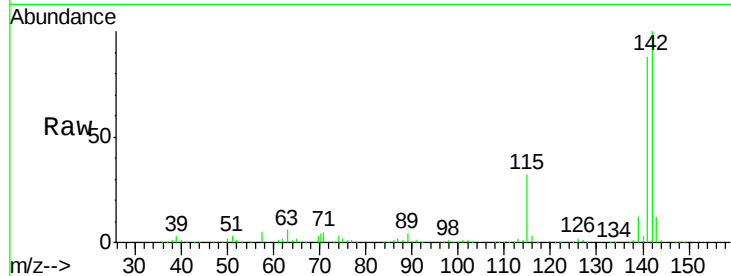
#37  
2-Methylnaphthalene  
Concen: 41.562 ng  
RT: 8.72 min Scan# 1128  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 70.3  | 105.5 |
| 115     | 32.3  | 27.8  | 41.6  |

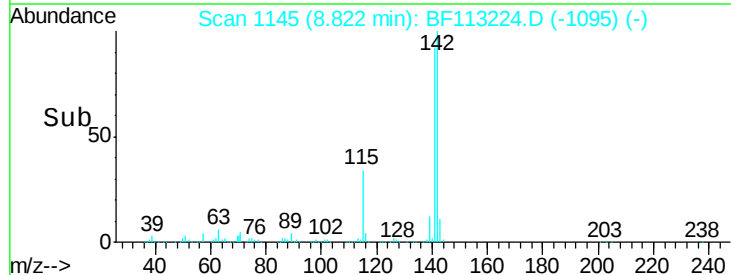
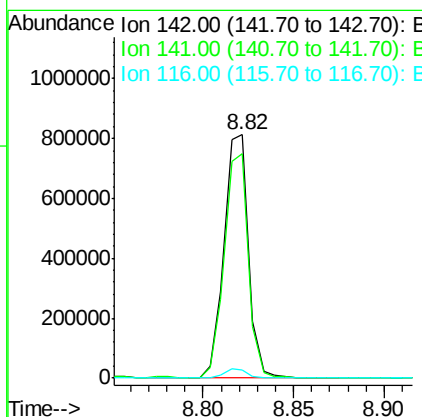
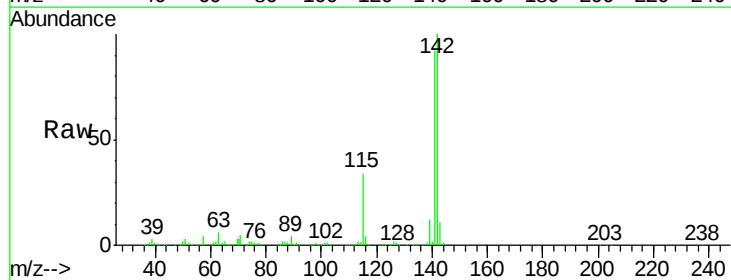
Manual Integrations  
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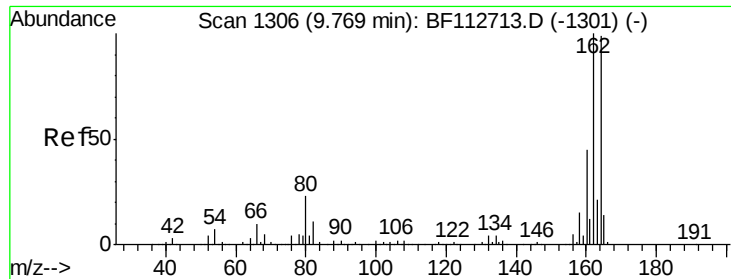
Sohil  
3/22/2019 3:36:05 PM



#38  
1-Methylnaphthalene  
Concen: 41.021 ng  
RT: 8.82 min Scan# 1145  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 73.7  | 110.5 |
| 116     | 3.5   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

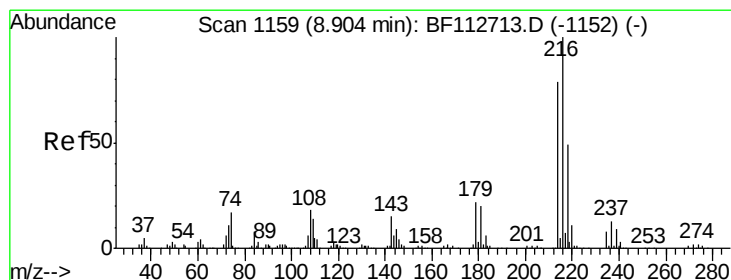
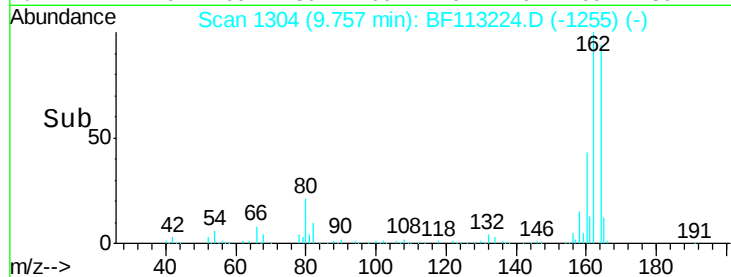
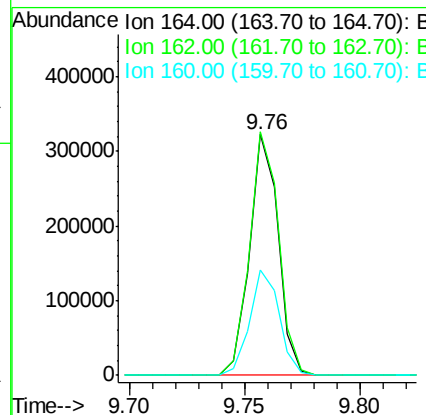
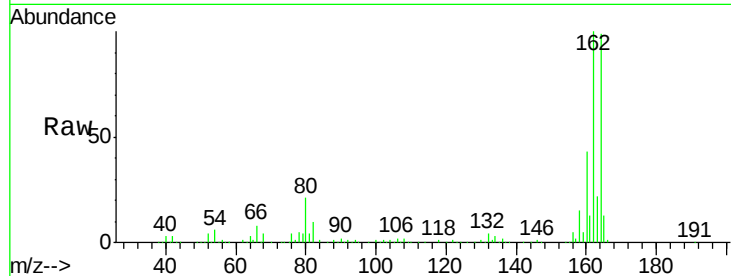
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 280429 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.1 | 80.6  | 120.8  |
| 160       | 43.8  | 36.0  | 54.0   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.805 ng

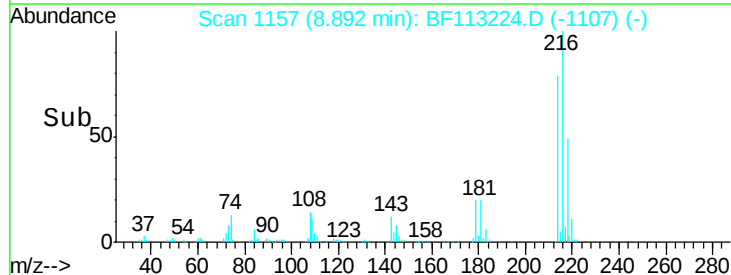
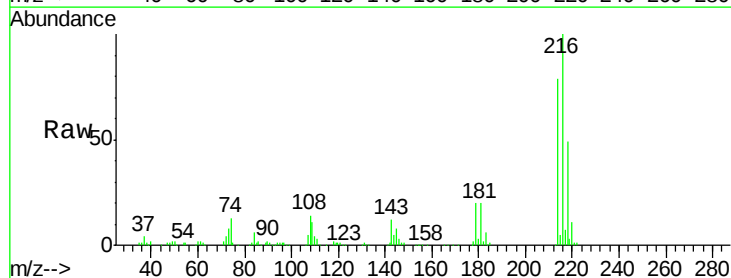
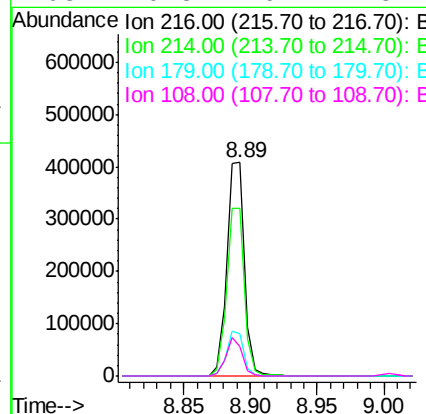
RT: 8.89 min Scan# 1157

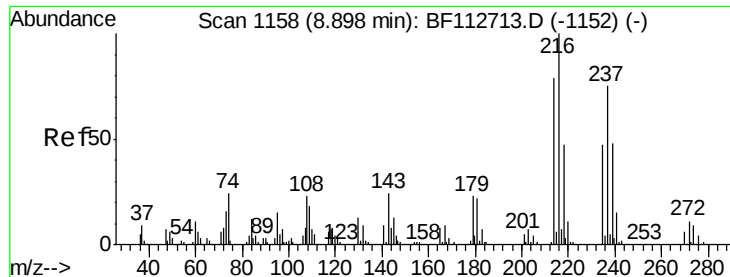
Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 382750 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.8  | 63.2  | 94.8   |
| 179       | 20.5  | 17.5  | 26.3   |
| 108       | 16.3  | 16.7  | 25.1#  |





#41

Hexachlorocyclopentadiene

Concen: 2.439 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

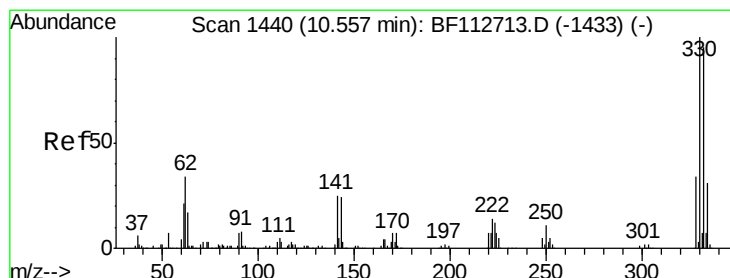
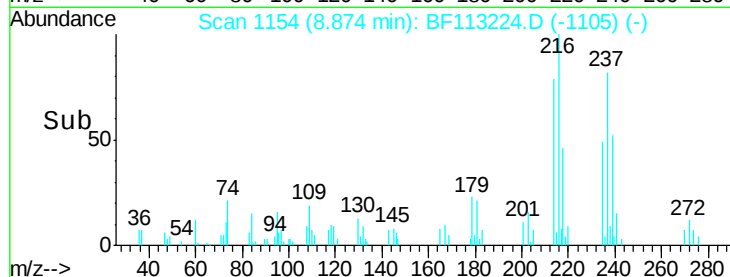
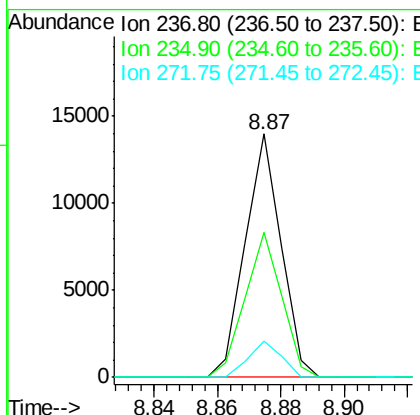
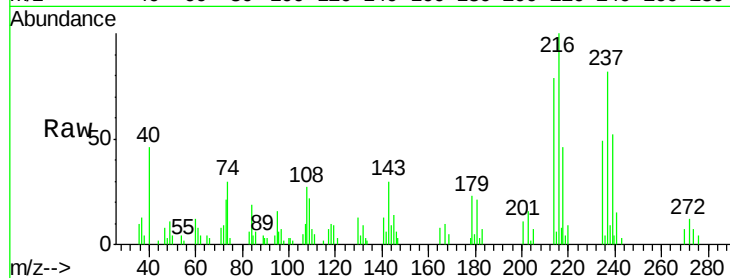
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 10924 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 59.8  | 42.2  | 82.2  |
| 272       | 14.7  | 0.0   | 34.0  |

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#42

2,4,6-Tribromophenol

Concen: 81.949 ng

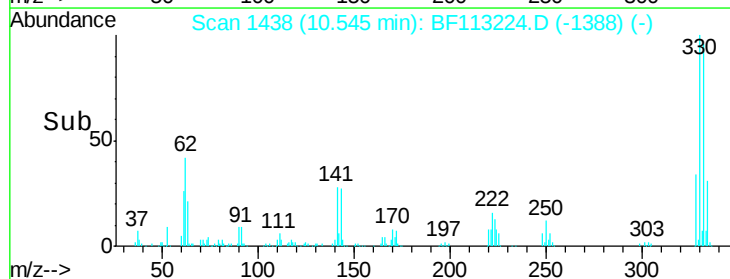
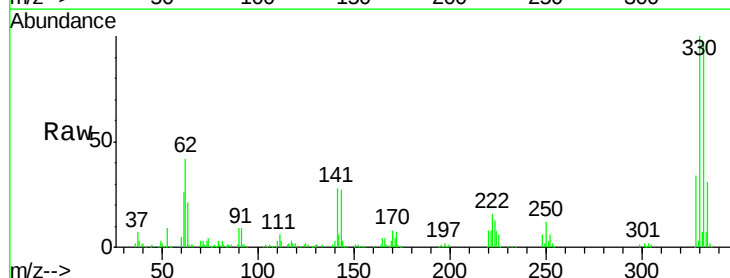
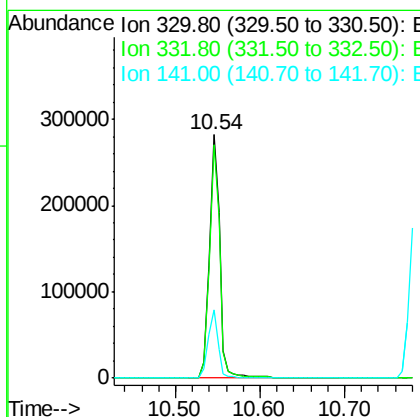
RT: 10.54 min Scan# 1438

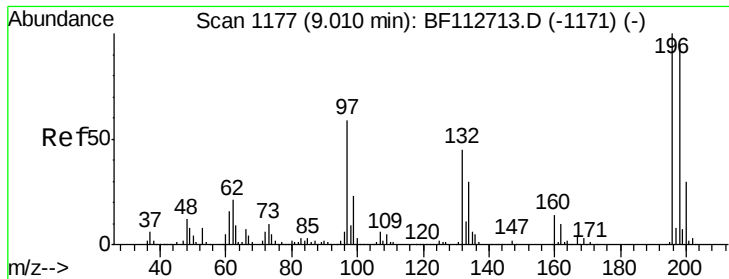
Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 243972 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.0  | 76.2  | 114.4  |
| 141       | 27.1  | 27.0  | 40.6   |





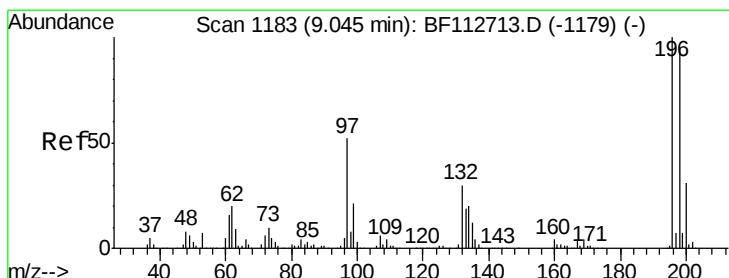
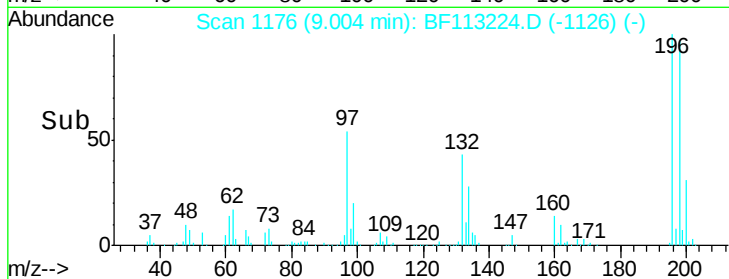
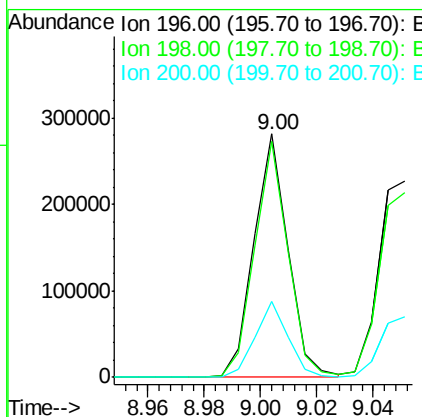
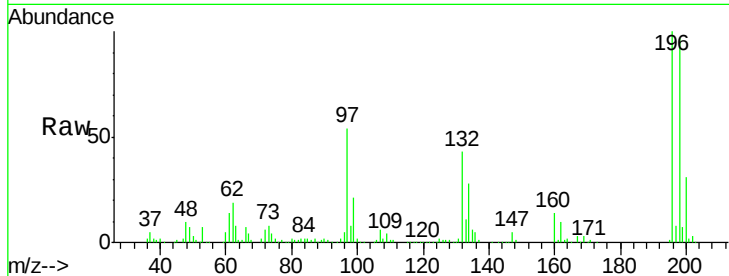
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.986 ng  
 RT: 9.00 min Scan# 1176  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 236298 |       |       |
| 198     | 97.1  | 75.8   | 113.8 |       |
| 200     | 31.0  | 24.3   | 36.5  |       |

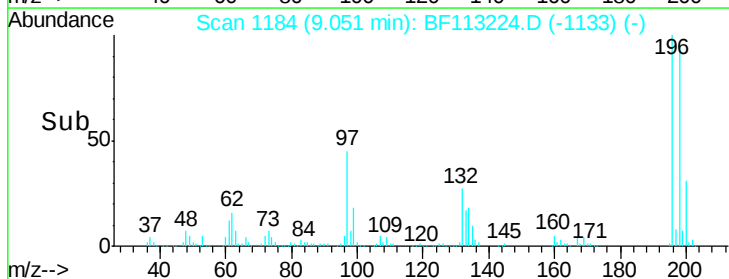
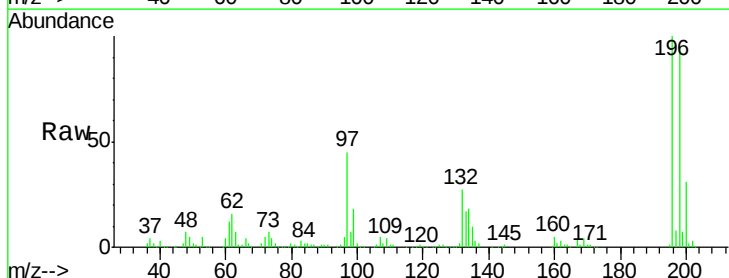
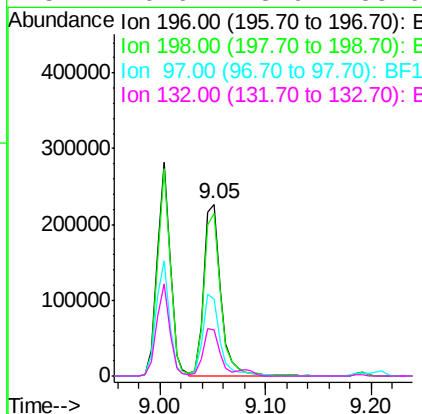
Manual Integrations  
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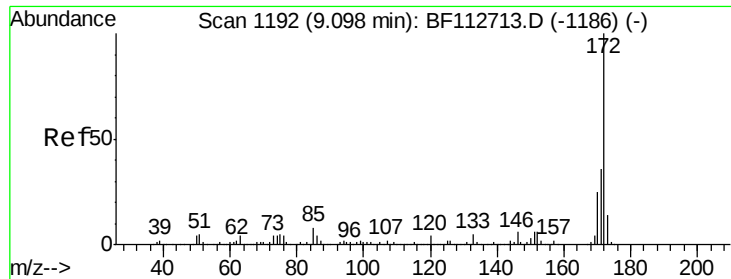
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#44  
 2,4,5-Trichlorophenol  
 Concen: 41.724 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.00 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 253817 |       |       |
| 198     | 94.7  | 76.2   | 114.2 |       |
| 97      | 44.8  | 41.5   | 62.3  |       |
| 132     | 26.6  | 23.9   | 35.9  |       |





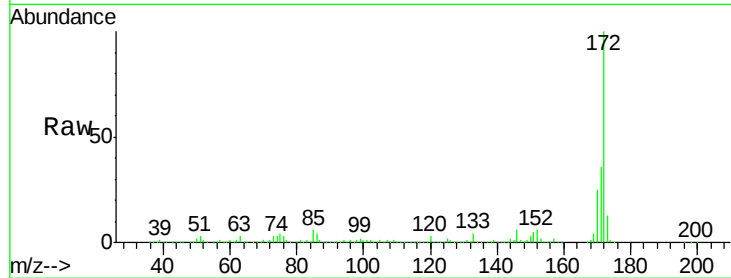
#45  
2-Fluorobiphenyl  
Concen: 93.167 ng  
RT: 9.09 min Scan# 1190  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 29.0  | 43.4  |
| 170     | 24.9  | 20.0  | 30.0  |

Manual Integrations  
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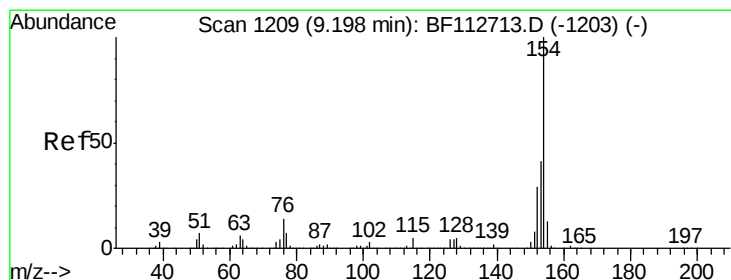
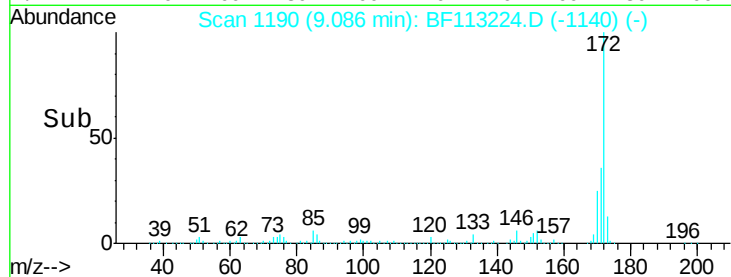
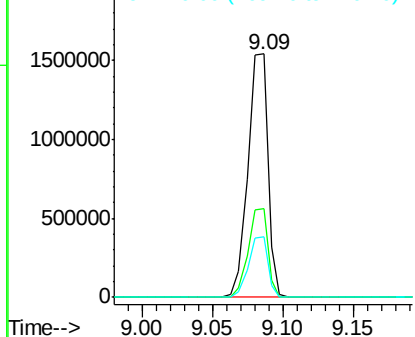


Abundance

Ion 172.00 (171.70 to 172.70): E

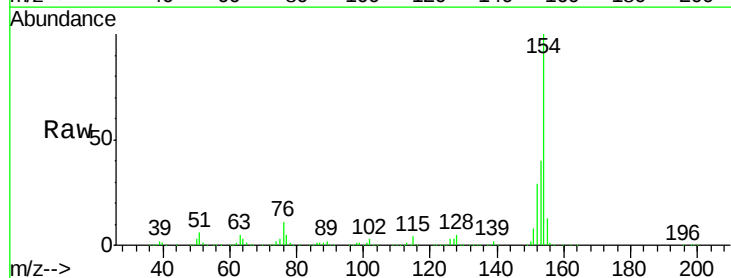
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 43.014 ng  
RT: 9.19 min Scan# 1207  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.2  | 20.8  | 60.8  |
| 76      | 11.4  | 0.0   | 33.8  |

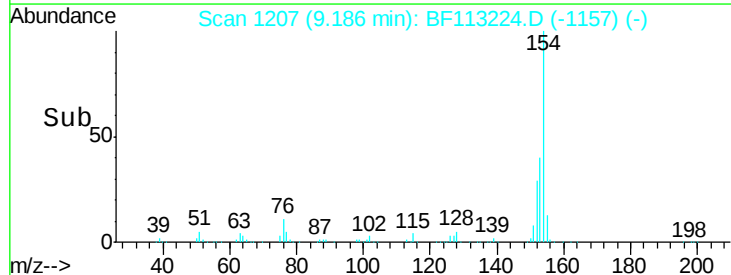
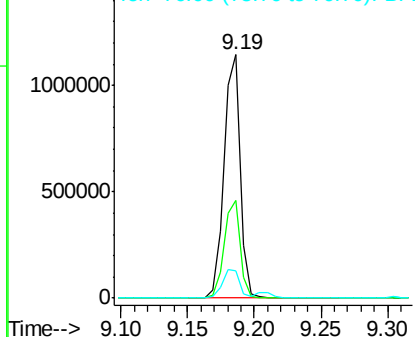


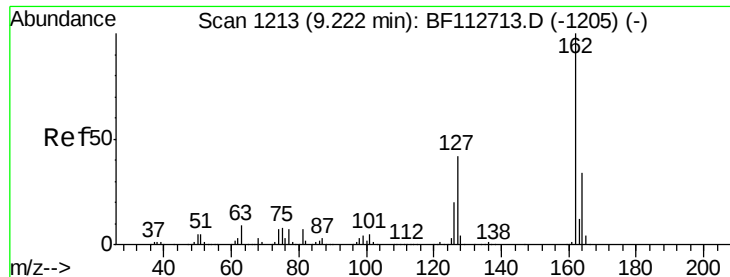
Abundance

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





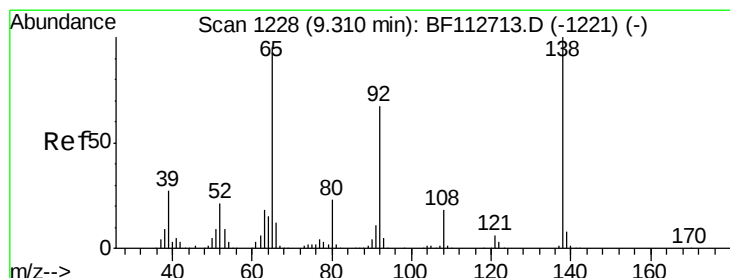
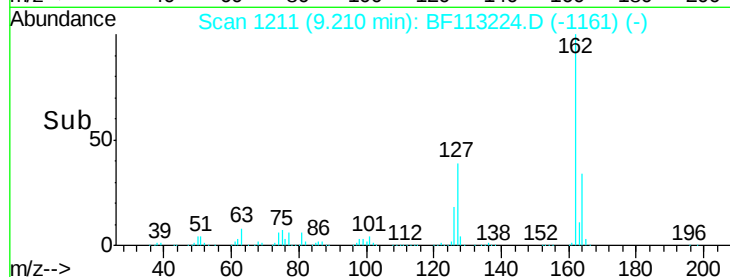
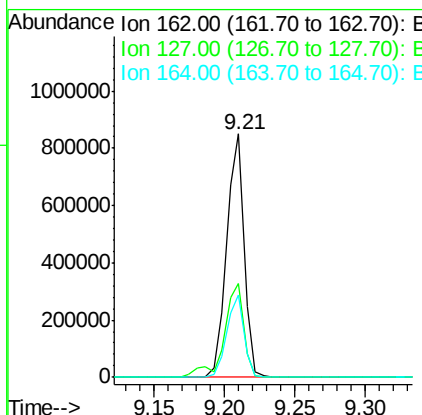
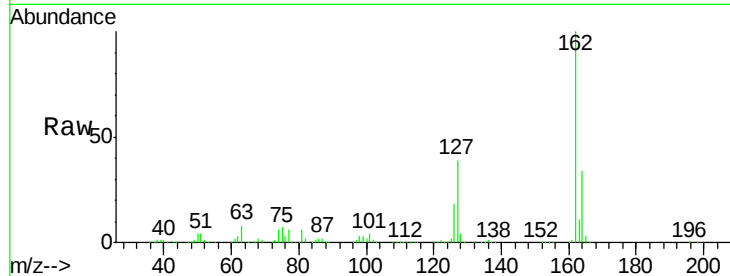
#47  
2-Chloronaphthalene  
Concen: 40.704 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 726994 |       |       |
| 127     | 38.8  | 33.4   | 50.2  |       |
| 164     | 33.8  | 26.9   | 40.3  |       |

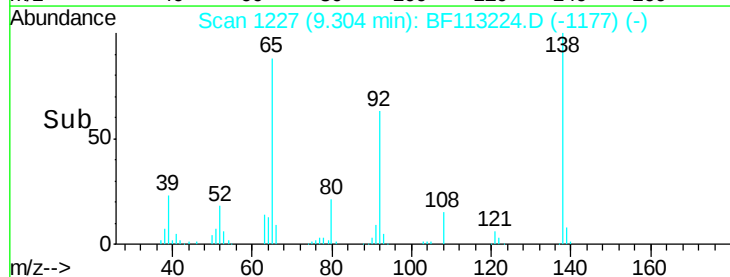
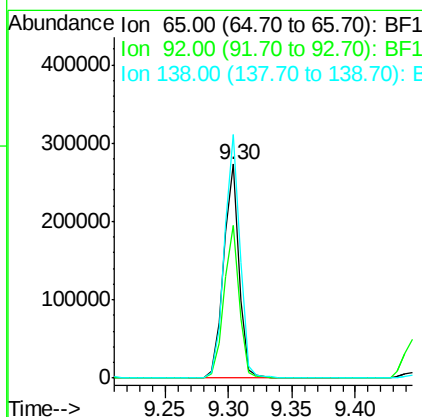
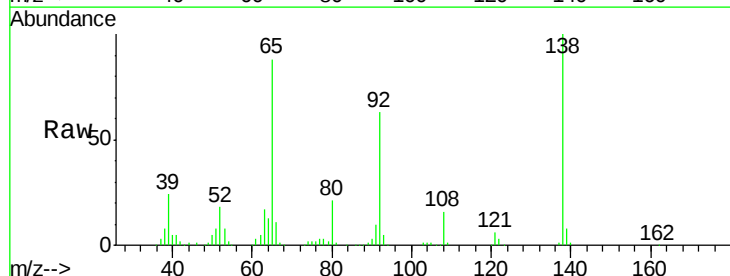
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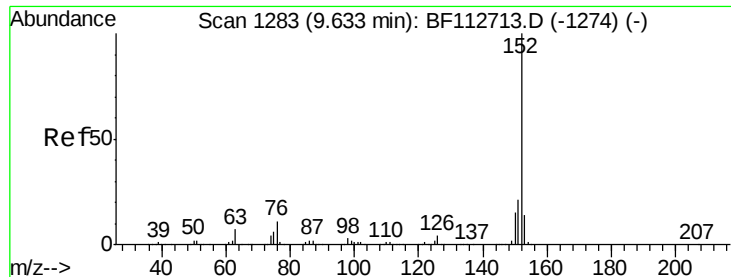
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#48  
2-Nitroaniline  
Concen: 42.881 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 232792 |       |       |
| 92      | 71.3  | 56.4   | 84.6  |       |
| 138     | 113.8 | 84.6   | 126.8 |       |





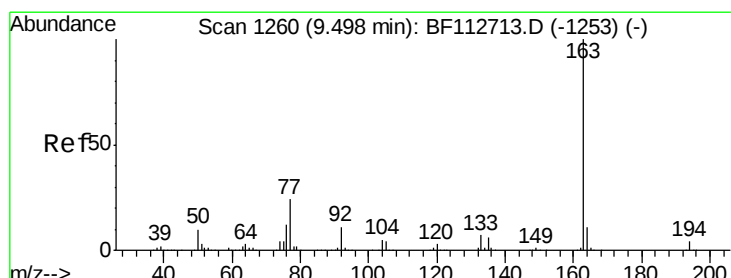
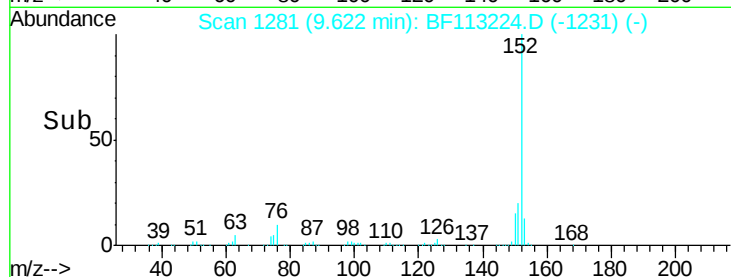
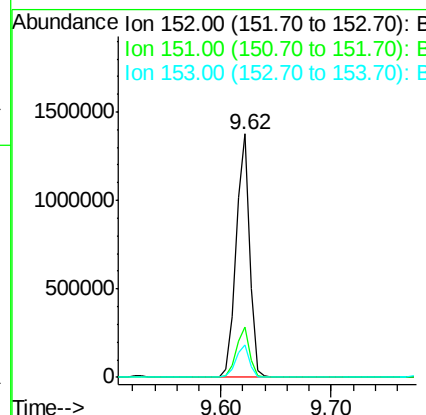
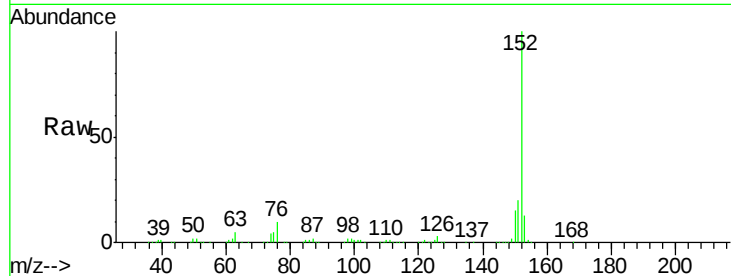
#49  
Acenaphthylene  
Concen: 38.875 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.9  | 25.3  |
| 153     | 13.4  | 11.0  | 16.6  |

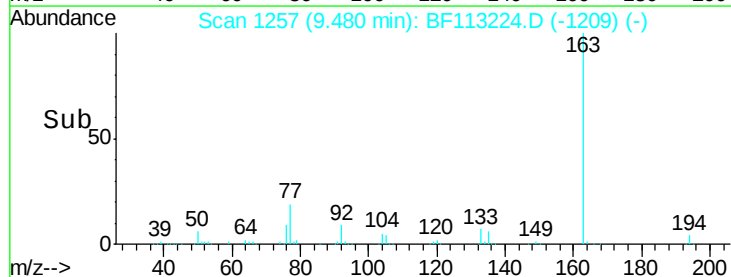
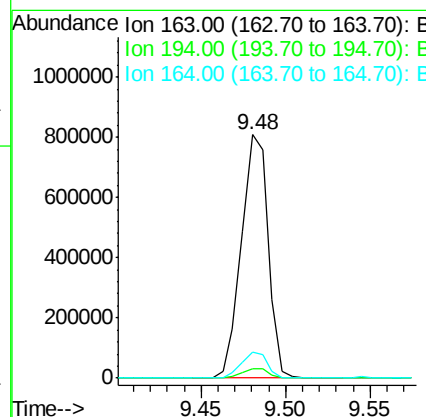
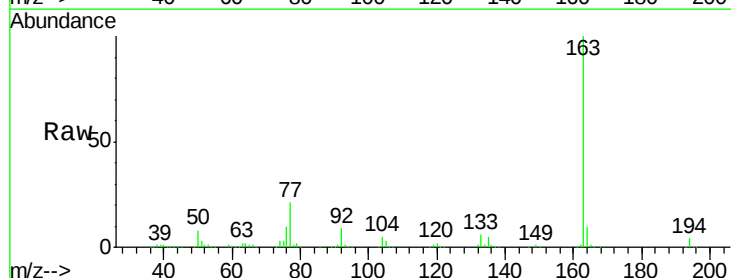
Manual Integrations  
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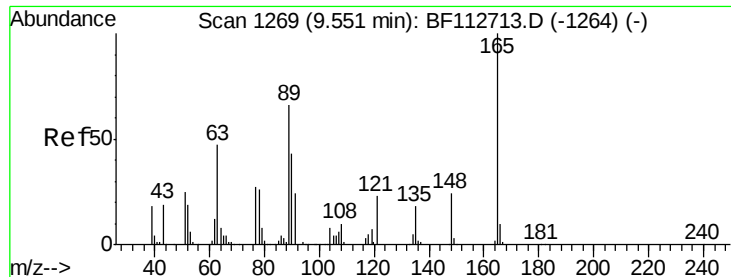
Sohil  
3/22/2019 3:36:05 PM



#50  
Dimethylphthalate  
Concen: 43.336 ng  
RT: 9.48 min Scan# 1257  
Delta R.T. -0.02 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.8   | 3.0   | 4.4   |
| 164     | 10.4  | 8.4   | 12.6  |





#51

2,6-Dinitrotoluene

Concen: 43.514 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 187366  
Ion Ratio Lower Upper

165 100

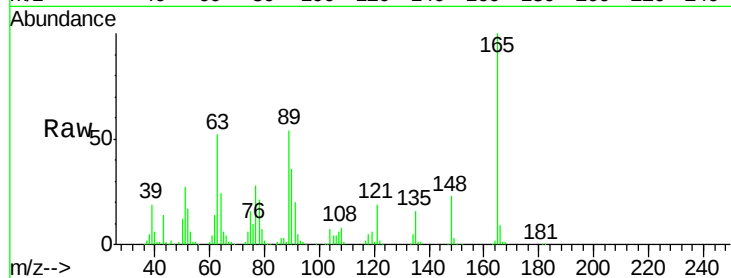
63 52.0 54.1 81.1#

89 53.7 52.8 79.2

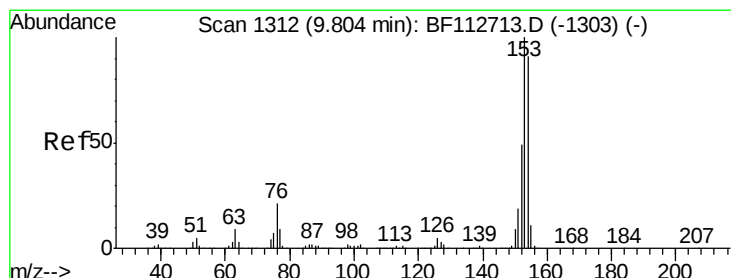
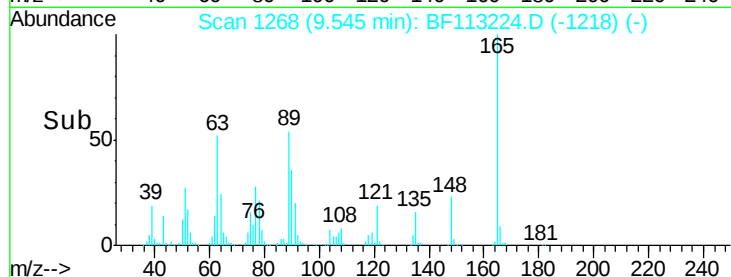
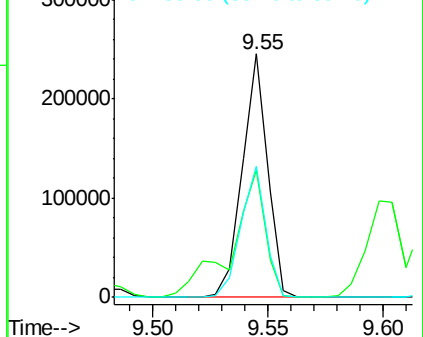
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Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.344 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF113224.D

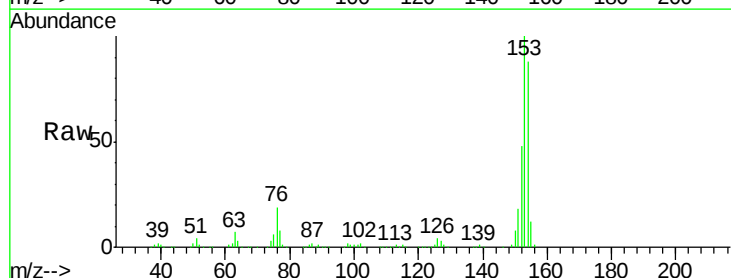
Acq: 21 Mar 2019 23:34

Tgt Ion:154 Resp: 644420  
Ion Ratio Lower Upper

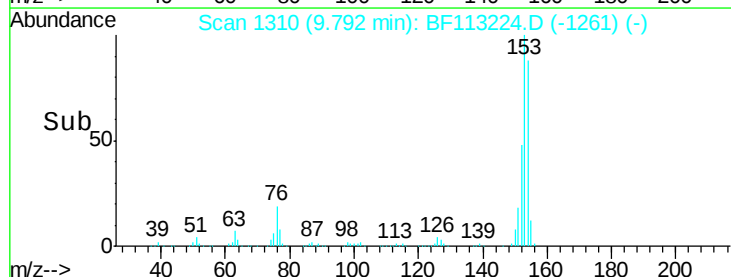
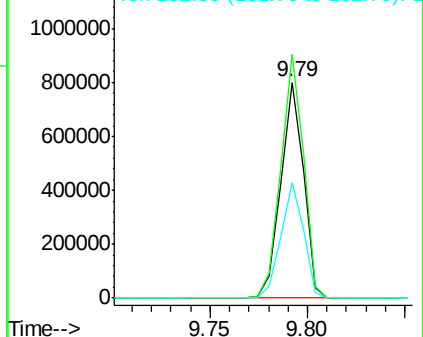
154 100

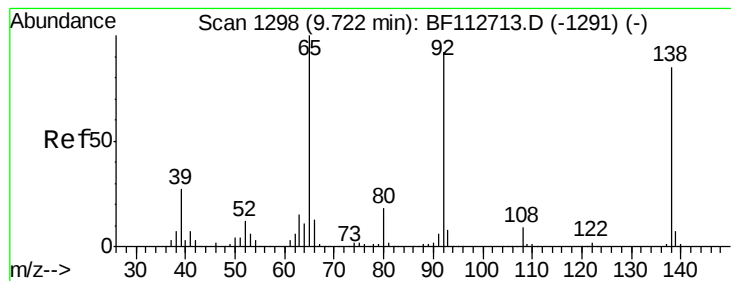
153 113.0 87.8 131.8

152 53.9 43.0 64.6



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





#53

3-Nitroaniline

Concen: 41.856 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

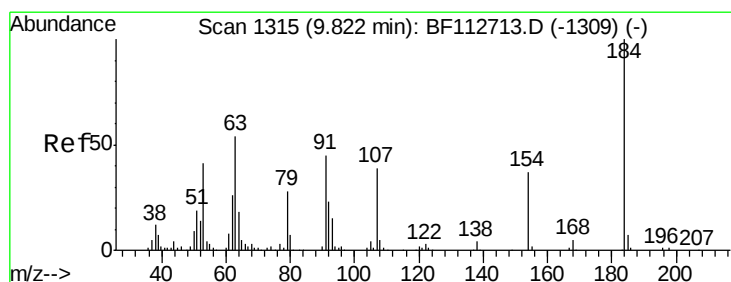
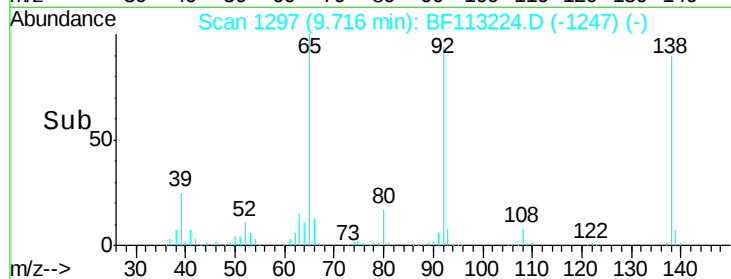
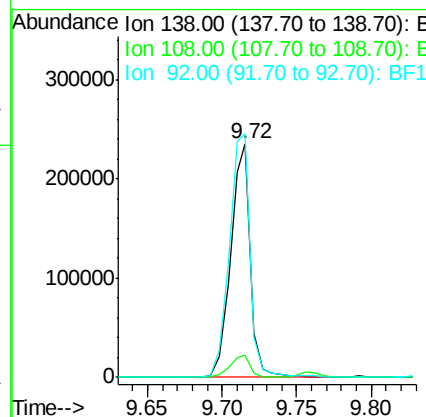
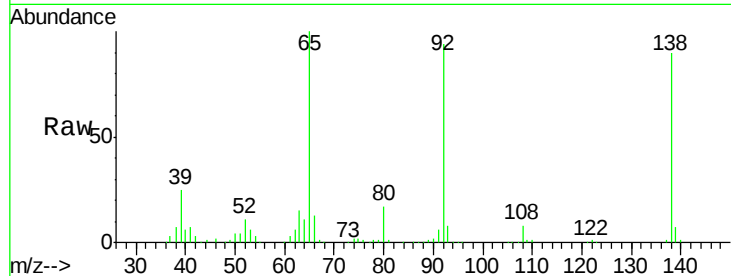
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 219609 |       |       |
| 108     | 9.3   | 8.6    | 13.0  |       |
| 92      | 104.1 | 86.6   | 129.8 |       |

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#54

2,4-Dinitrophenol

Concen: 9.026 ng

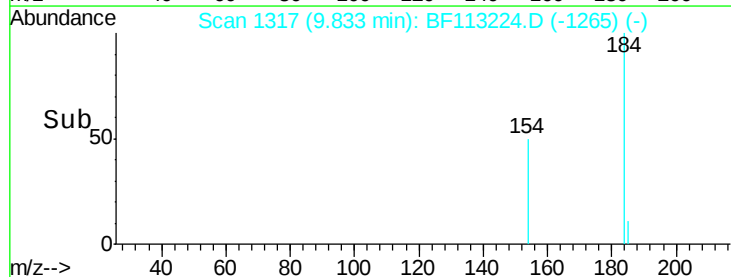
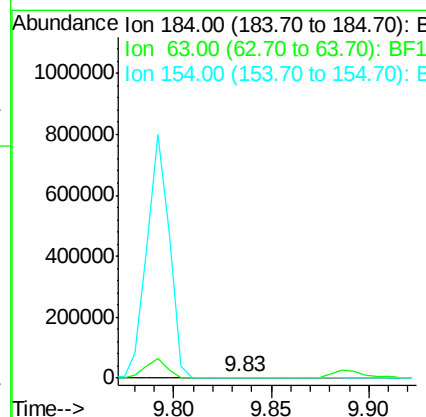
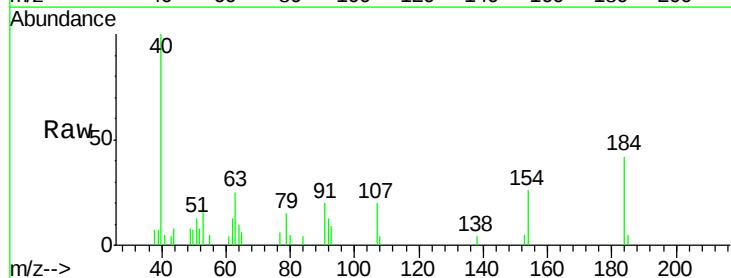
RT: 9.83 min Scan# 1317

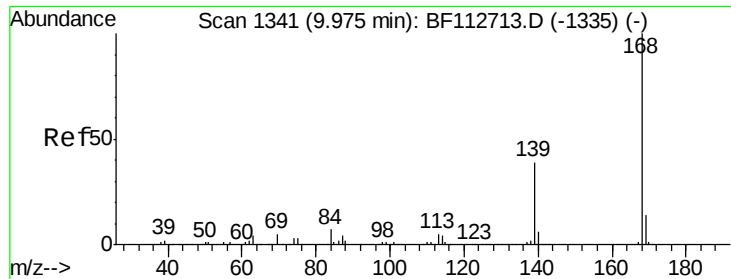
Delta R.T. 0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   | 4929 |       |       |
| 63      | 59.1  | 45.3 | 67.9  |       |
| 154     | 61.9  | 46.0 | 69.0  |       |





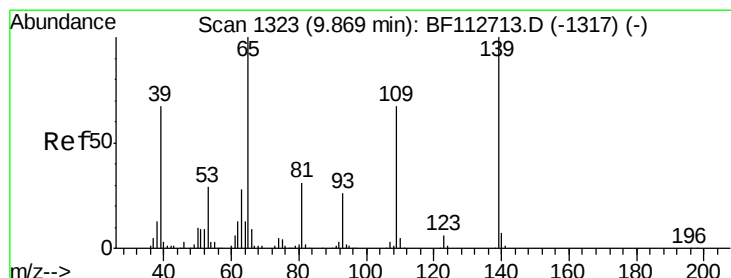
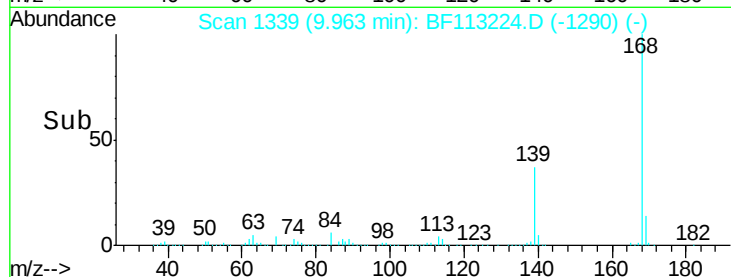
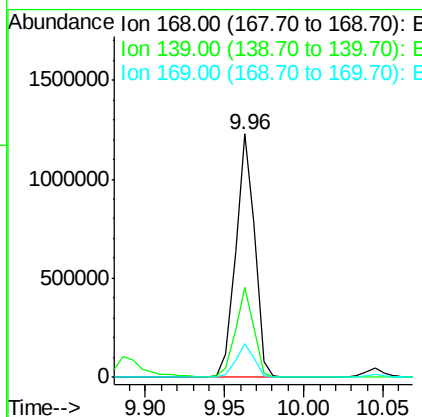
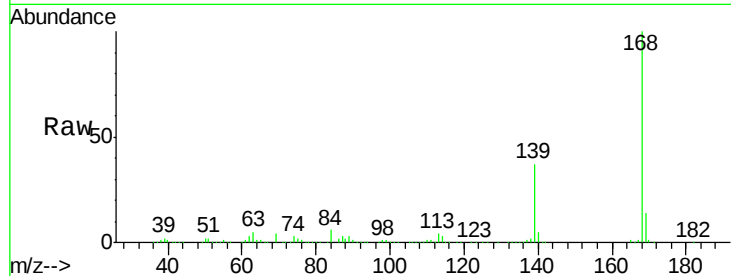
#55  
Dibenzenofuran  
Concen: 39.347 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:168 Resp: 1014004  
Ion Ratio Lower Upper  
168 100  
139 36.7 31.3 46.9  
169 13.9 11.3 16.9

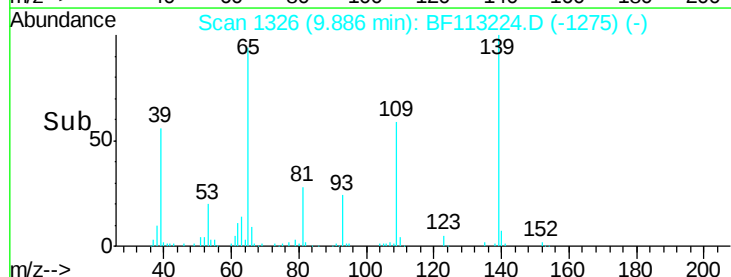
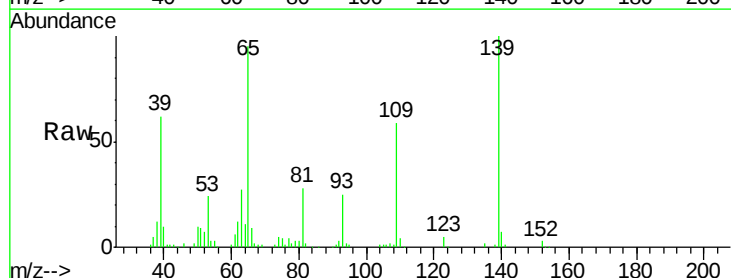
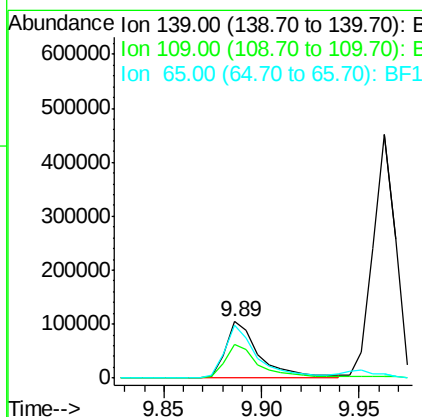
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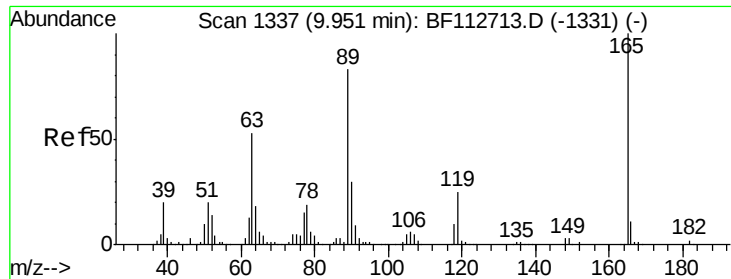
Sohil  
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#56  
4-Nitrophenol  
Concen: 29.758 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Tgt Ion:139 Resp: 126891  
Ion Ratio Lower Upper  
139 100  
109 59.4 46.8 86.8  
65 94.7 80.7 120.7





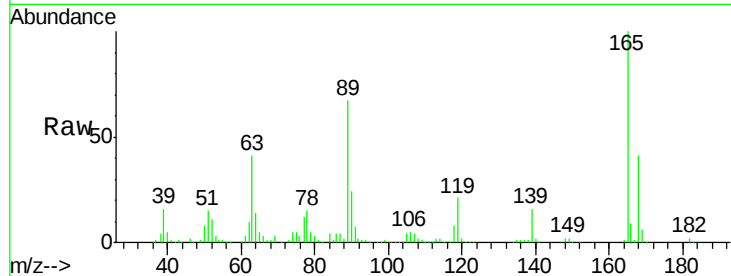
#57  
2,4-Dinitrotoluene  
Concen: 44.086 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

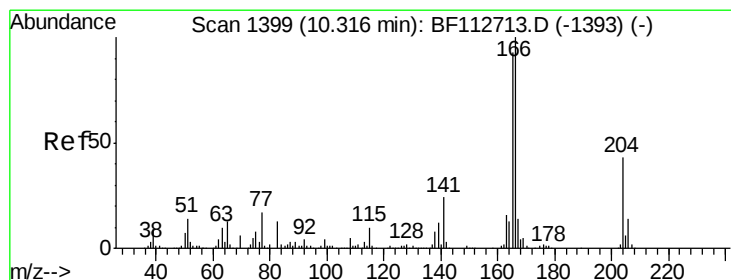
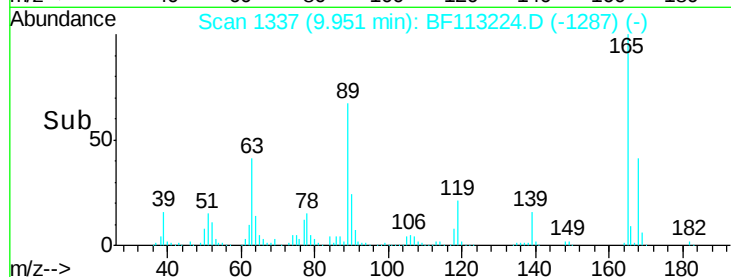
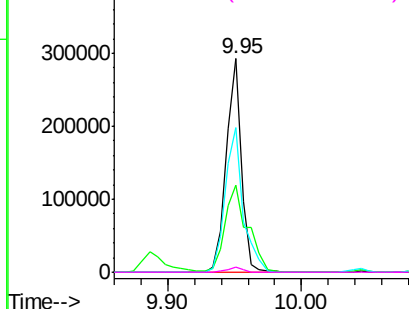
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 235961 |       |       |
| 63      | 41.0  | 42.2   | 63.2# |       |
| 89      | 67.5  | 66.2   | 99.4  |       |
| 182     | 2.5   | 1.8    | 2.6   |       |

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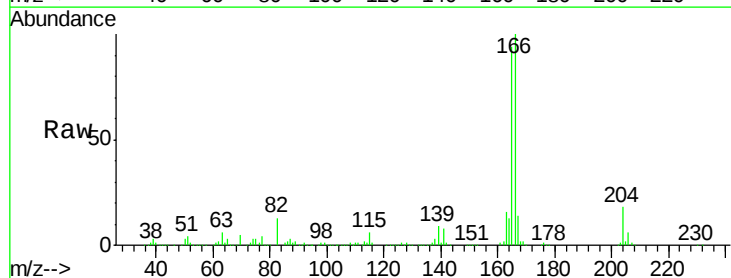


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

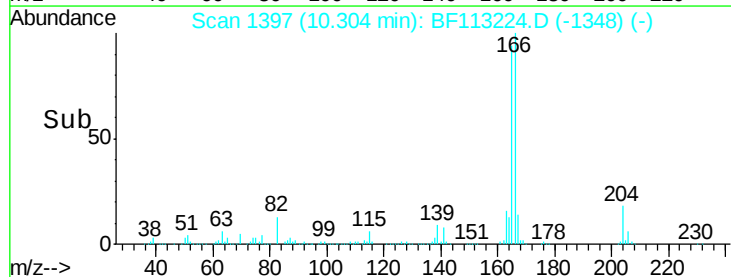
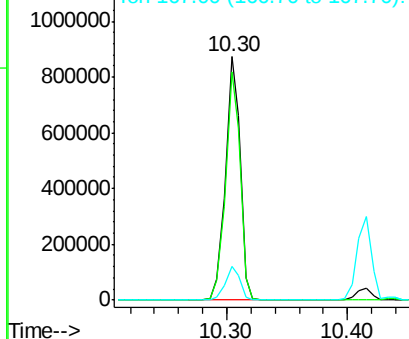


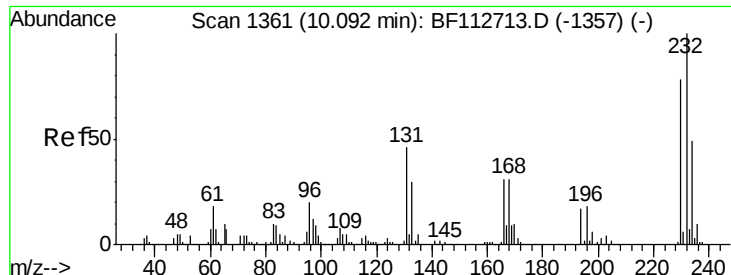
#58  
Fluorene  
Concen: 40.103 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 733520 |       |       |
| 165     | 93.9  | 74.7   | 112.1 |       |
| 167     | 13.7  | 11.0   | 16.6  |       |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





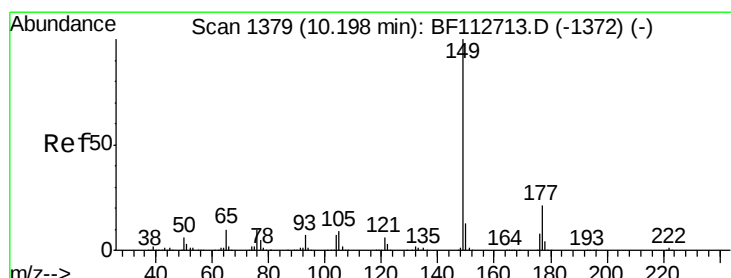
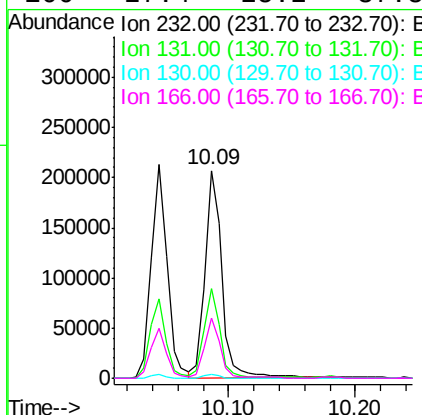
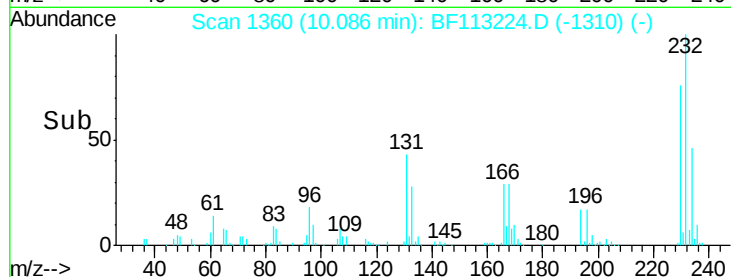
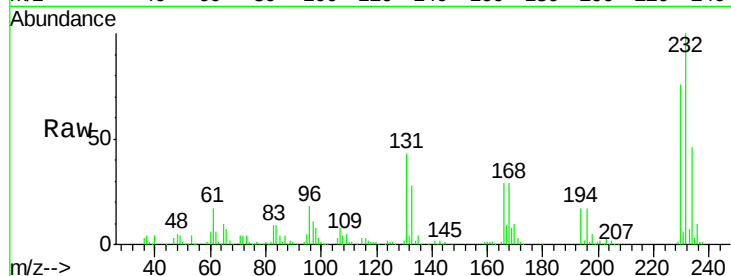
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.762 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 191388 |       |       |
| 131     | 40.9  | 38.7   | 58.1  |       |
| 130     | 1.9   | 1.9    | 2.9   |       |
| 166     | 27.4  | 25.2   | 37.8  |       |

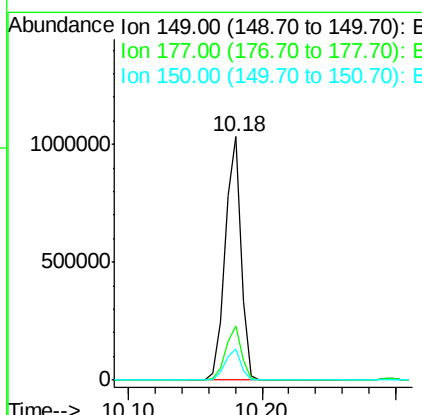
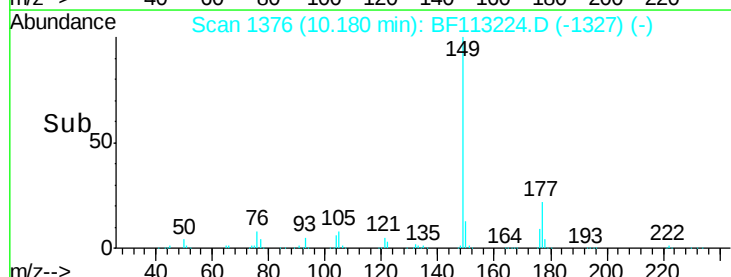
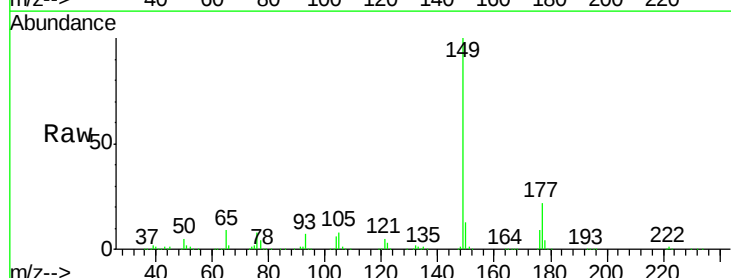
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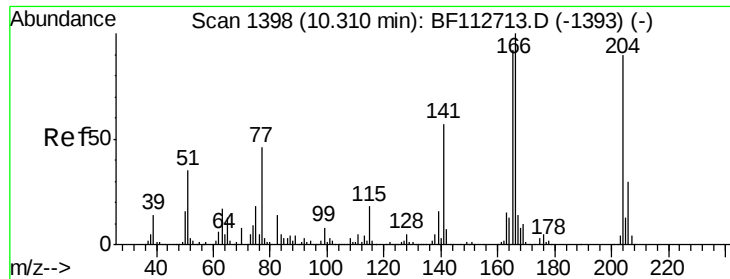
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#60  
Diethylphthalate  
Concen: 39.797 ng  
RT: 10.18 min Scan# 1376  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 869108 |       |       |
| 177     | 22.3  | 17.0   | 25.6  |       |
| 150     | 12.6  | 10.0   | 15.0  |       |





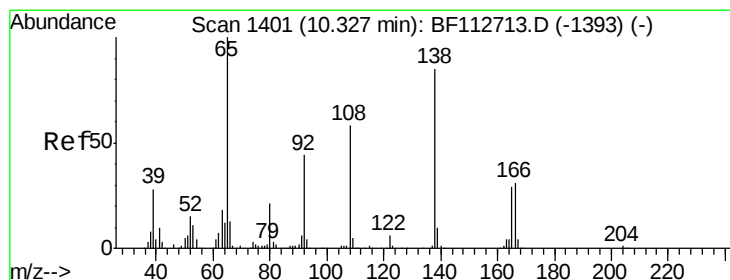
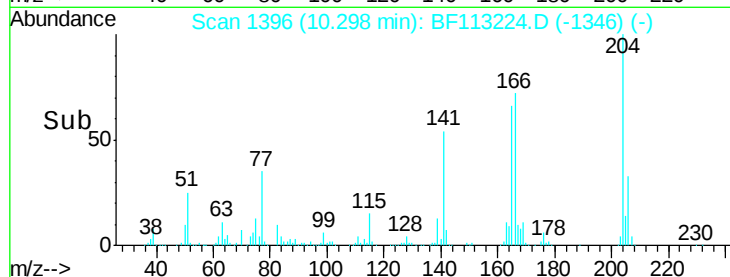
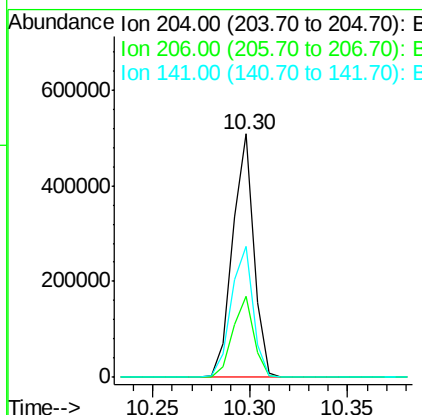
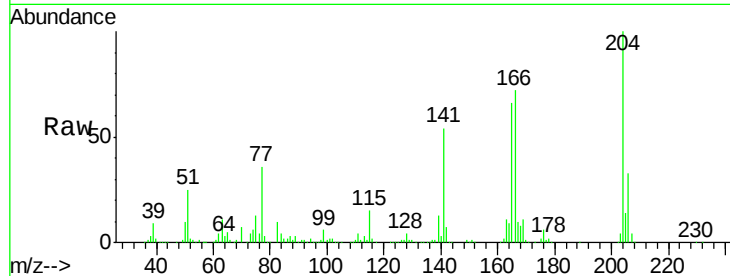
#61  
4-Chlorophenyl-phenylether  
Concen: 45.130 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 26.6  | 40.0  |
| 141     | 54.0  | 50.8  | 76.2  |

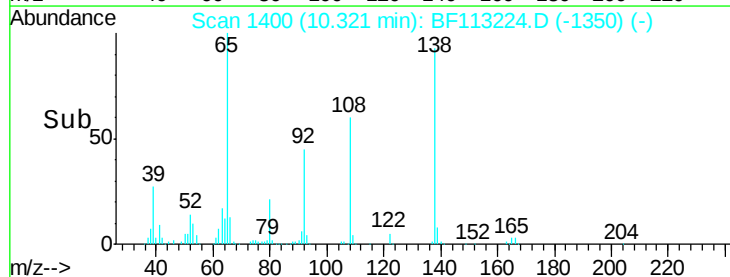
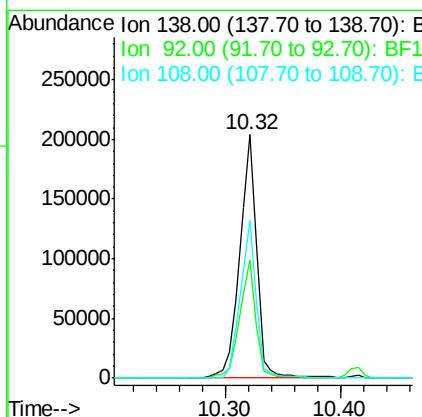
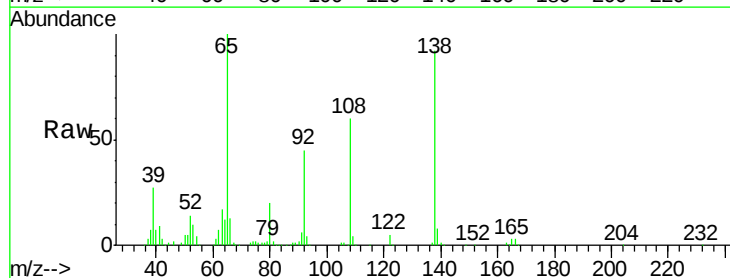
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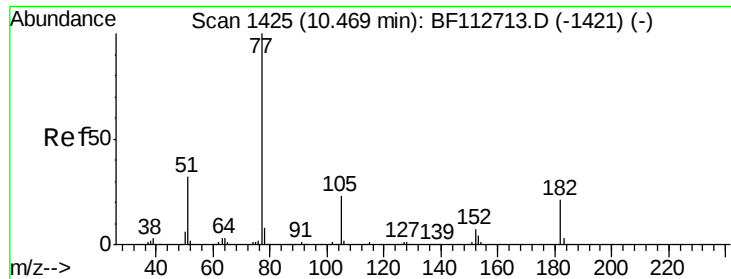
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#62  
4-Nitroaniline  
Concen: 42.888 ng  
RT: 10.32 min Scan# 1400  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.7  | 31.3  | 71.3  |
| 108     | 64.8  | 48.1  | 88.1  |





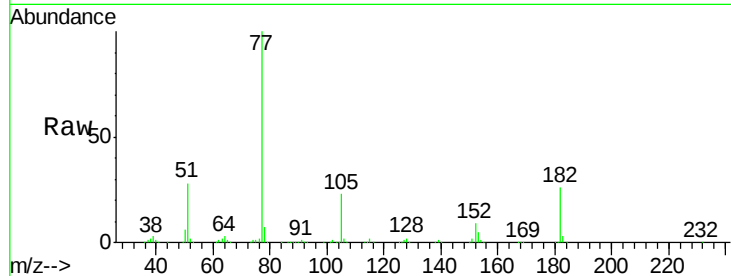
#63  
Azobenzene  
Concen: 34.457 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

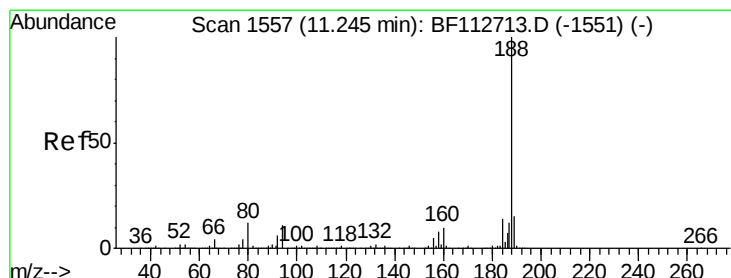
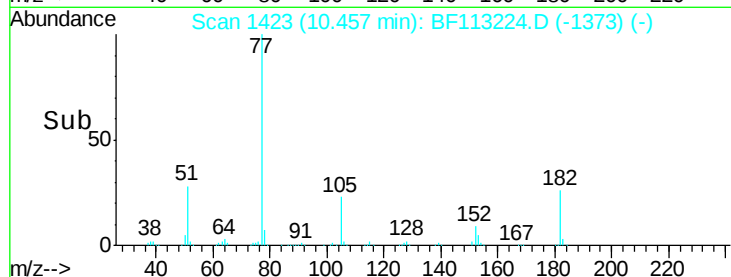
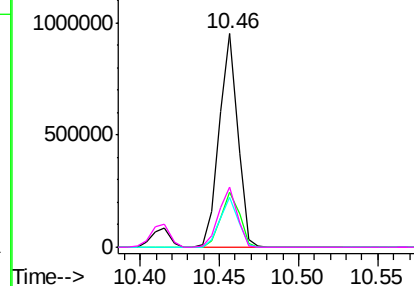
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.9  | 1.4   | 41.4  |
| 105     | 23.1  | 2.6   | 42.6  |
| 51      | 28.1  | 12.0  | 52.0  |

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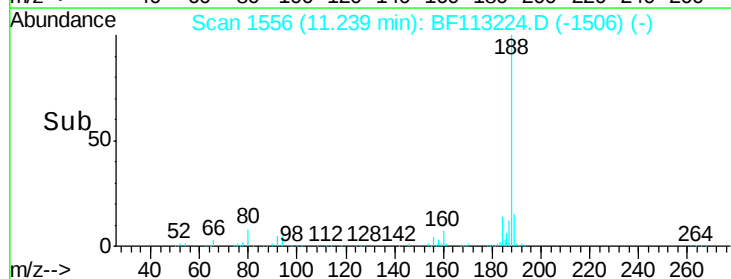
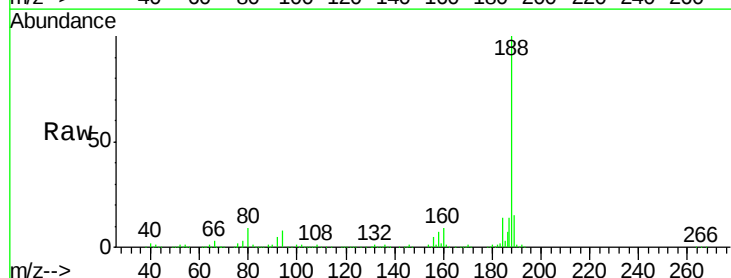
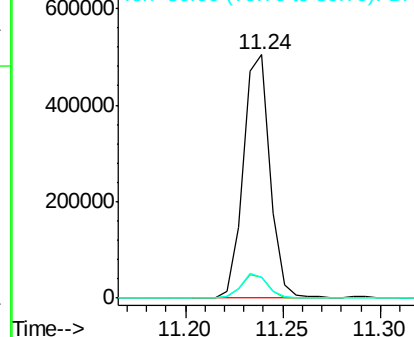
Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1

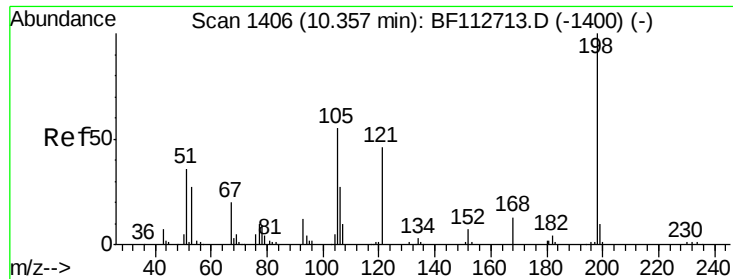


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.24 min Scan# 1556  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.4   | 9.0   | 13.4# |
| 80      | 8.6   | 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





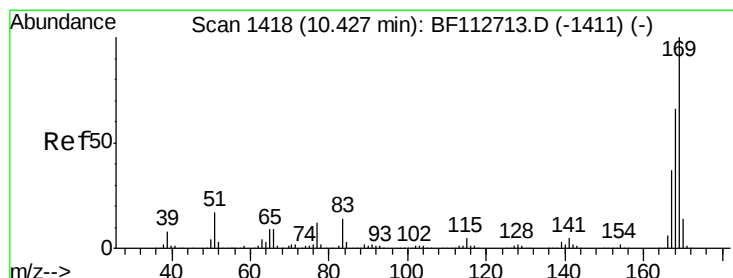
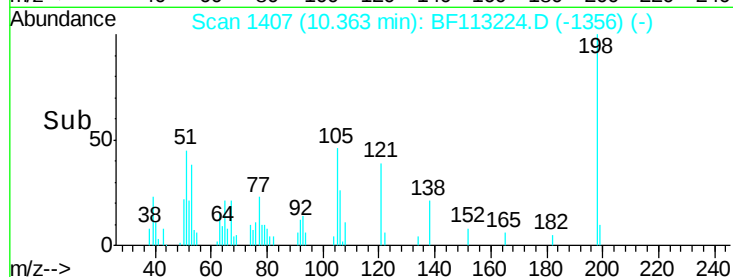
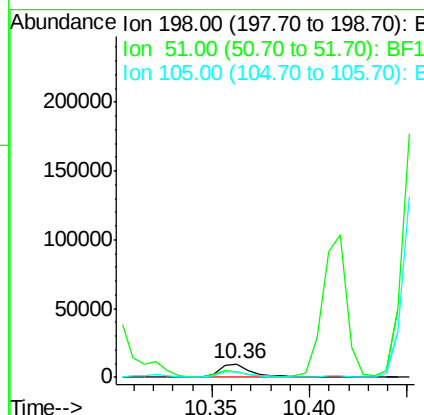
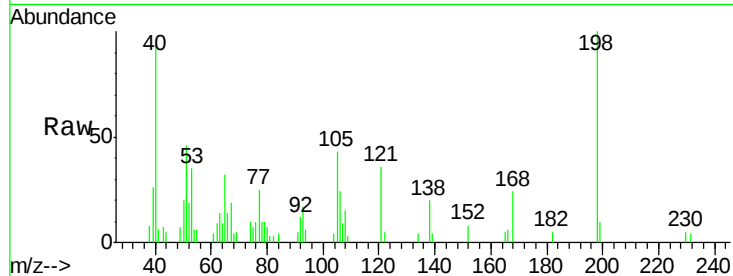
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 9.471 ng  
 RT: 10.36 min Scan# 1407  
 Delta R.T. -0.00 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 46.2  | 43.8  | 83.8  |
| 105     | 42.8  | 36.5  | 76.5  |

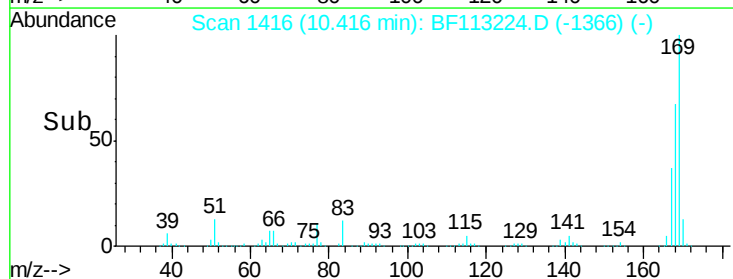
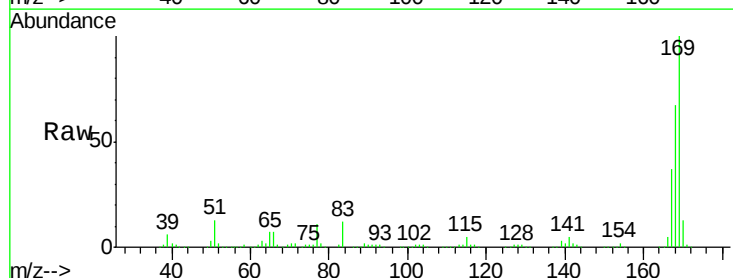
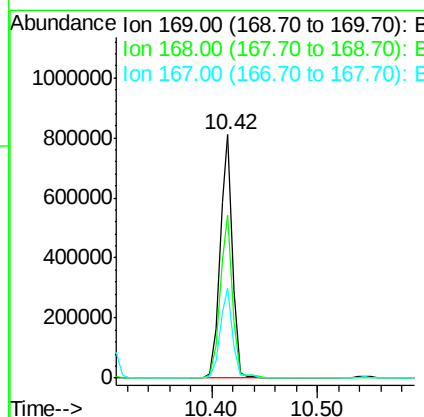
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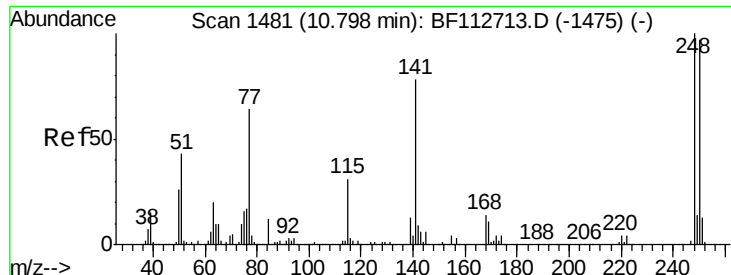
Sohil  
 3/22/2019 3:36:05 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 43.611 ng  
 RT: 10.42 min Scan# 1416  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.8  | 53.0  | 79.6  |
| 167     | 37.2  | 29.3  | 43.9  |





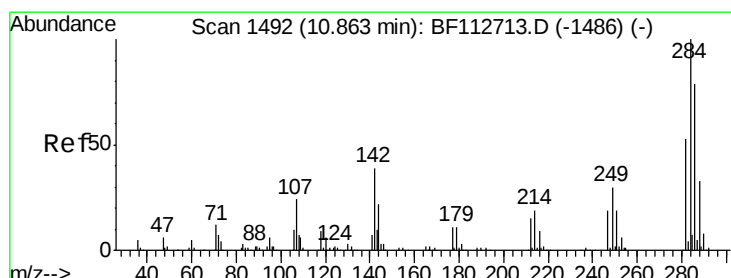
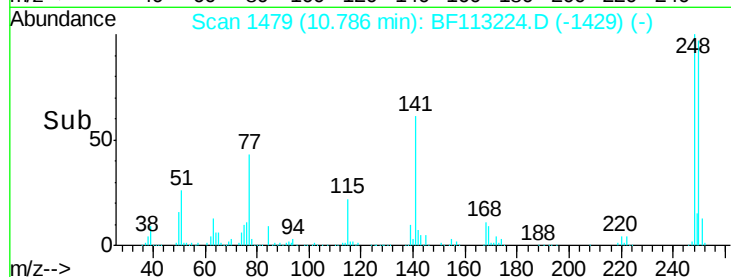
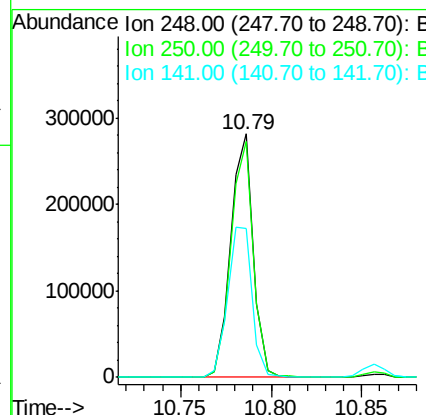
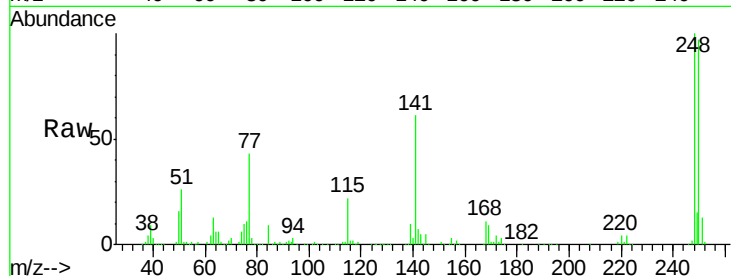
#67  
 4-Bromophenyl-phenylether  
 Concen: 48.231 ng  
 RT: 10.79 min Scan# 1479  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 243338 |       |       |
| 250     | 97.1  | 77.5   | 116.3 |       |
| 141     | 61.0  | 62.4   | 93.6  |       |

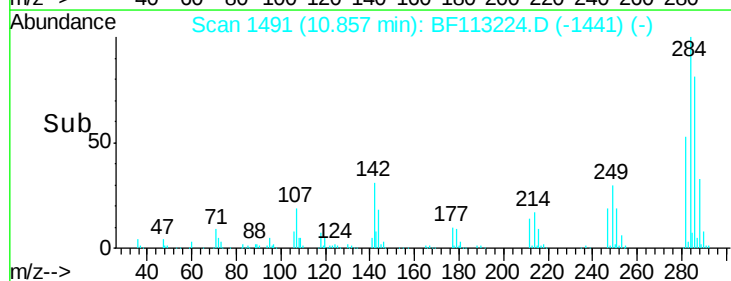
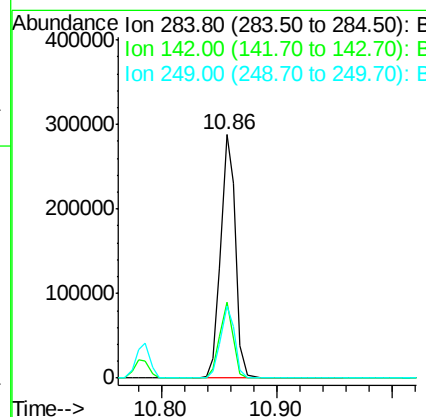
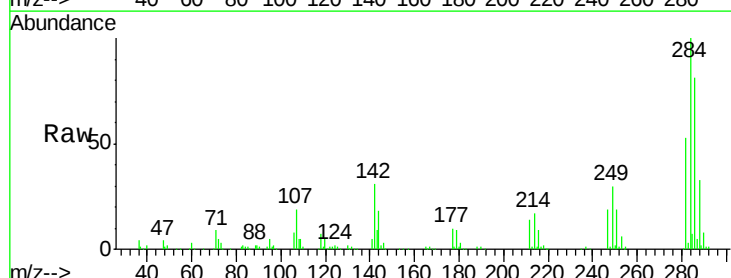
Manual Integrations  
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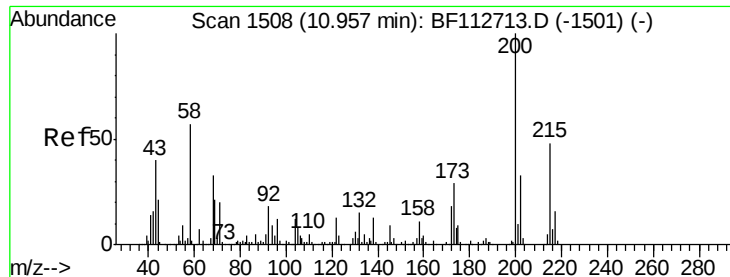
Sohil  
 3/22/2019 3:36:05 PM



#68  
 Hexachlorobenzene  
 Concen: 44.926 ng  
 RT: 10.86 min Scan# 1491  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 255509 |       |       |
| 142     | 31.3  | 31.0   | 46.6  |       |
| 249     | 29.5  | 23.6   | 35.4  |       |





#69

Atrazine

Concen: 41.731 ng

RT: 10.94 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

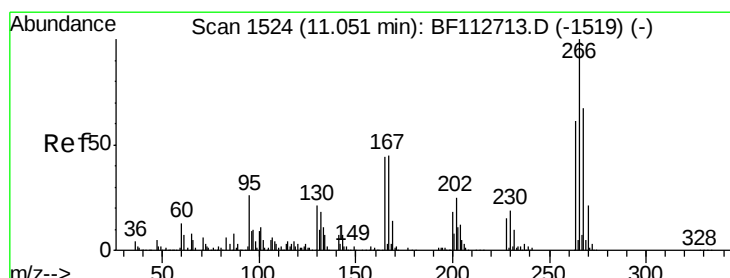
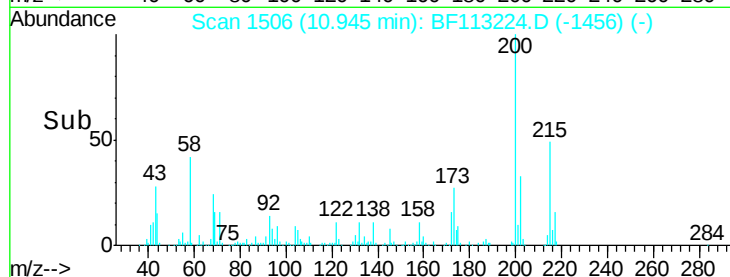
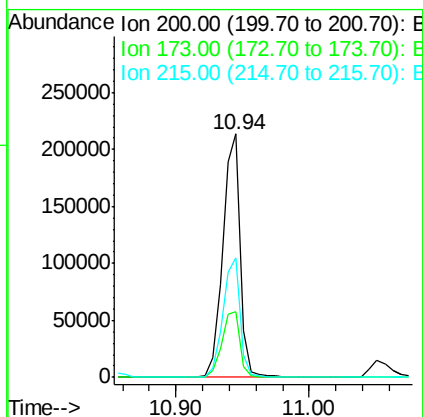
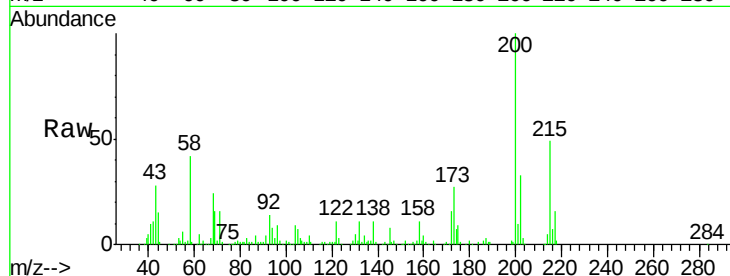
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 196337 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 27.1  | 9.1   | 49.1   |
| 215       | 49.1  | 28.2  | 68.2   |

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#70

Pentachlorophenol

Concen: 34.383 ng

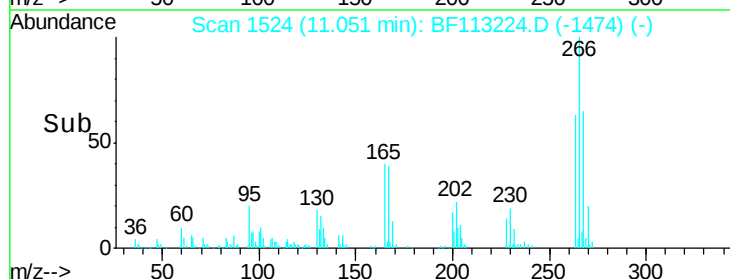
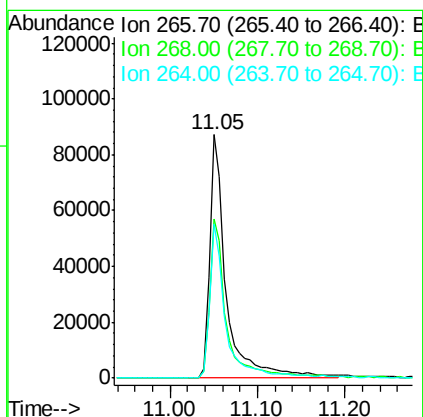
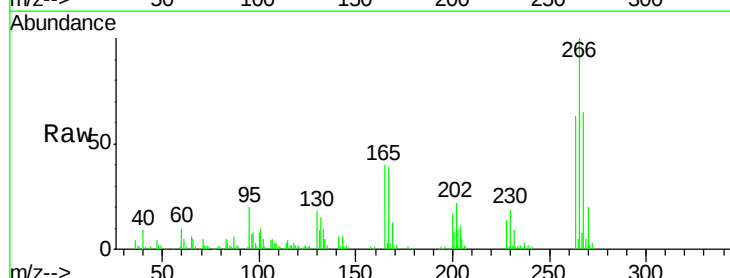
RT: 11.05 min Scan# 1524

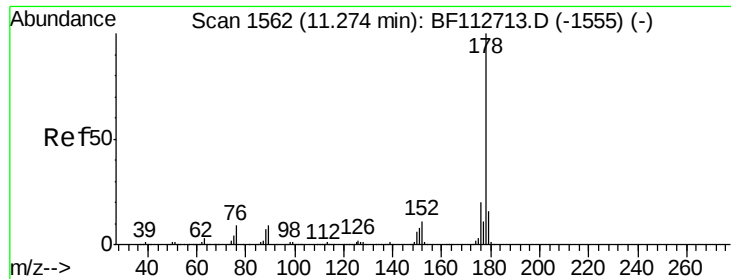
Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 115095 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 65.2  | 53.3  | 79.9   |
| 264       | 63.0  | 48.9  | 73.3   |





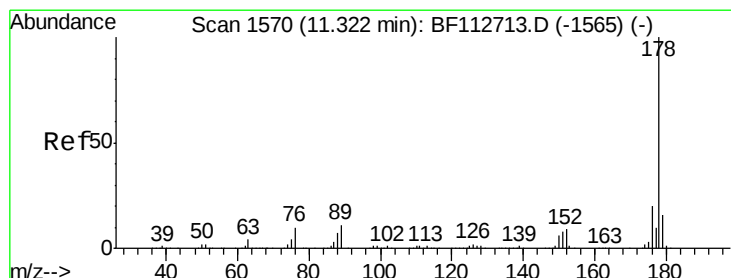
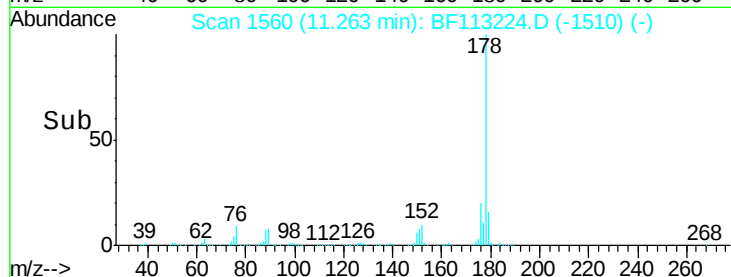
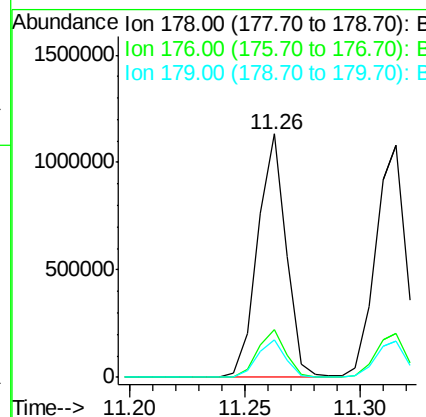
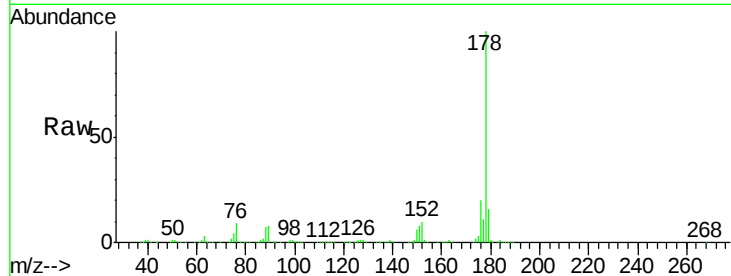
#71  
Phenanthrene  
Concen: 41.105 ng  
RT: 11.26 min Scan# 1560  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 16.3  | 24.5  |
| 179     | 15.6  | 12.7  | 19.1  |

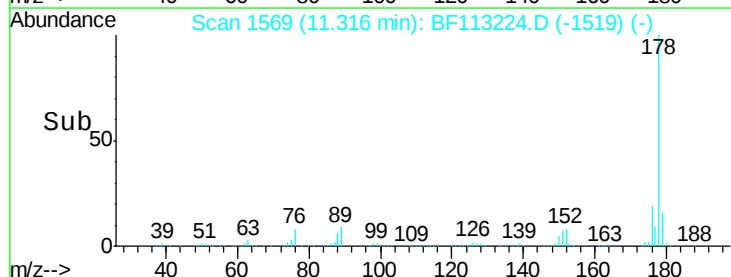
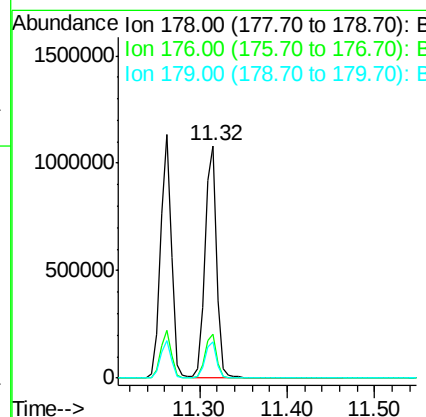
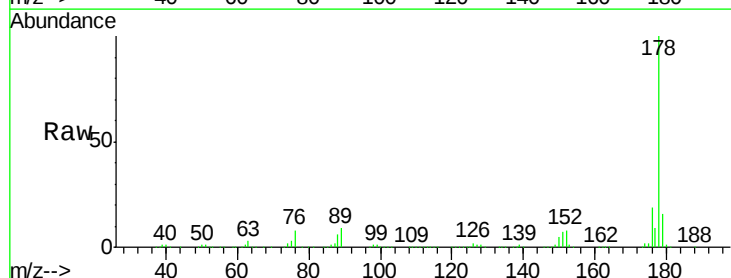
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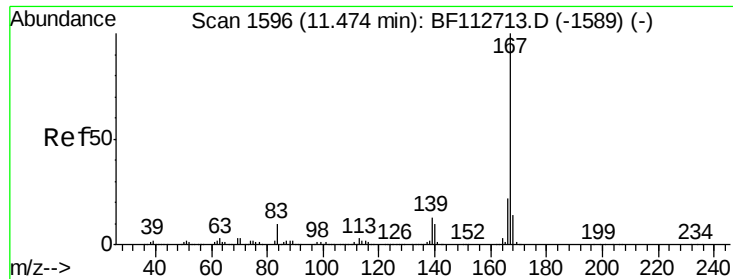
Sohil  
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#72  
Anthracene  
Concen: 40.076 ng  
RT: 11.32 min Scan# 1569  
Delta R.T. -0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.8  | 23.6  |
| 179     | 15.7  | 13.0  | 19.6  |





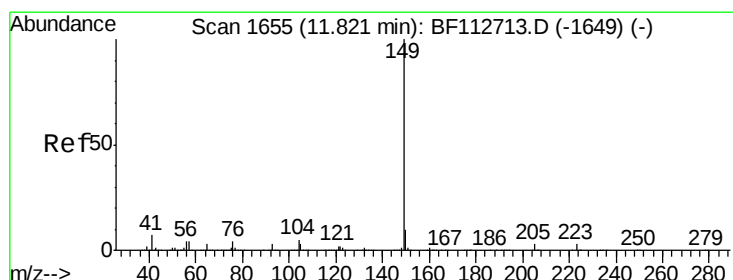
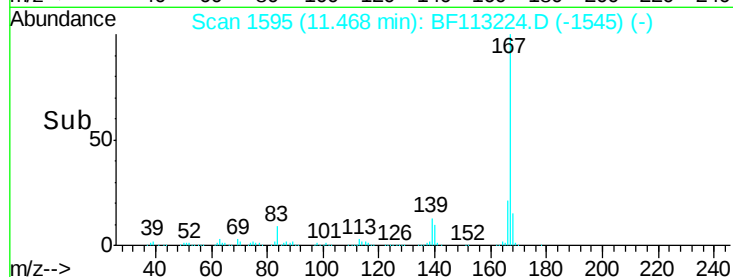
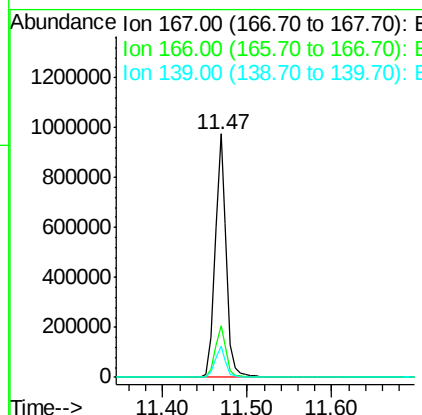
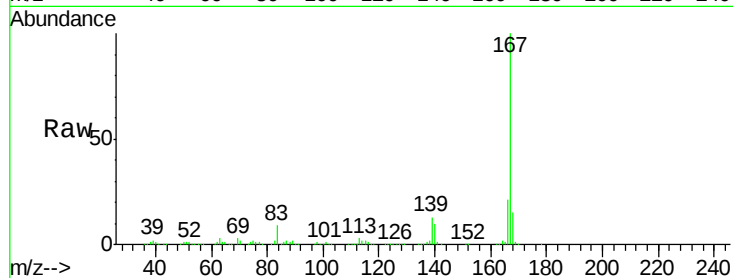
#73  
 Carbazole  
 Concen: 37.786 ng  
 RT: 11.47 min Scan# 1595  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 17.5  | 26.3  |
| 139     | 12.6  | 10.8  | 16.2  |

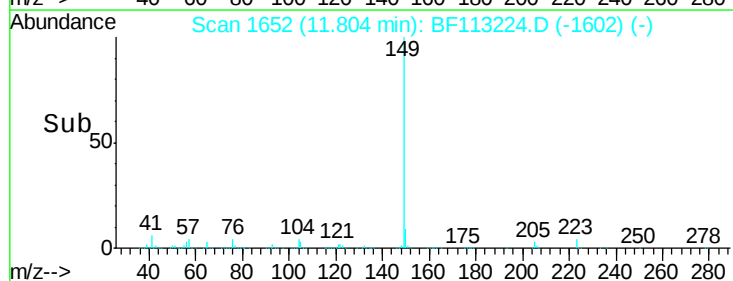
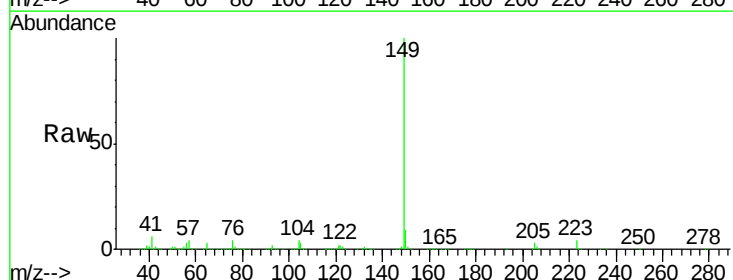
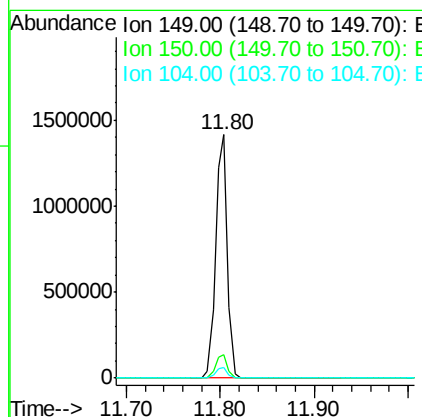
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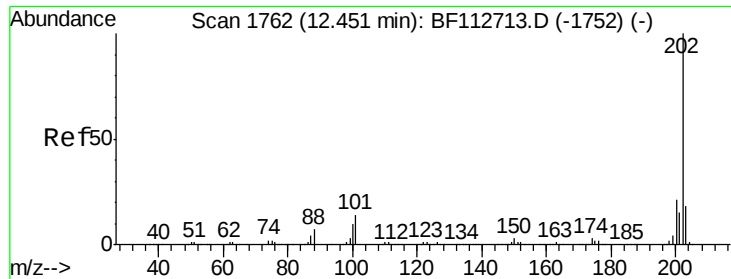
Sohil  
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#74  
 Di-n-butylphthalate  
 Concen: 42.755 ng  
 RT: 11.80 min Scan# 1652  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 7.6   | 11.4  |
| 104     | 4.2   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 37.916 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

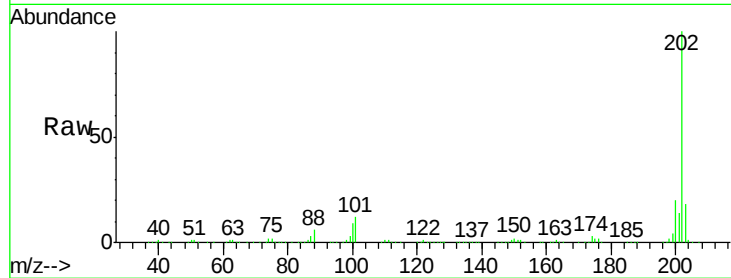
ClientSampleId :

SSTDCCC040

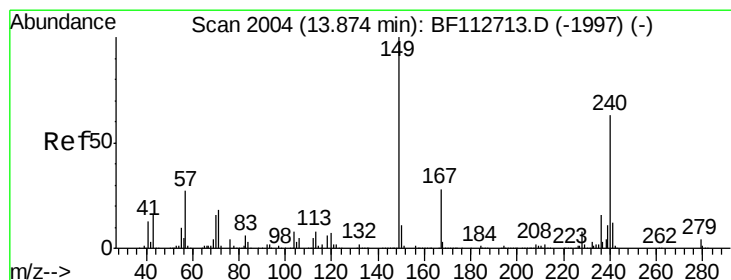
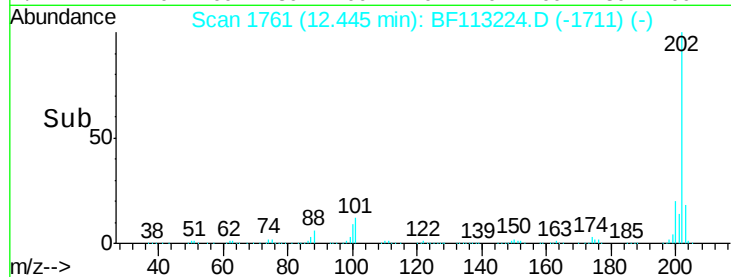
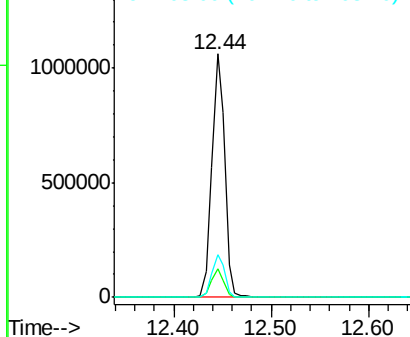
|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 202   | Resp: | 968128 |
| Ion | Ratio | Lower | Upper |        |
| 202 | 100   |       |       |        |
| 101 | 11.6  | 0.0   | 33.8  |        |
| 203 | 17.6  | 0.0   | 38.4  |        |

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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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

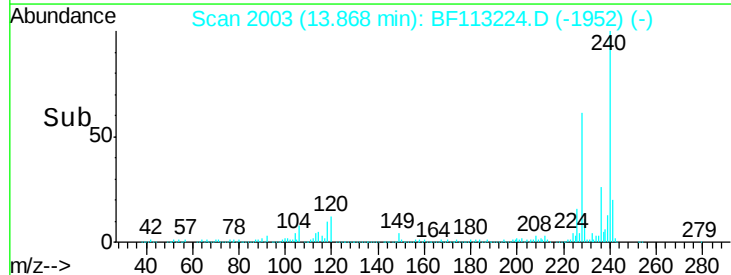
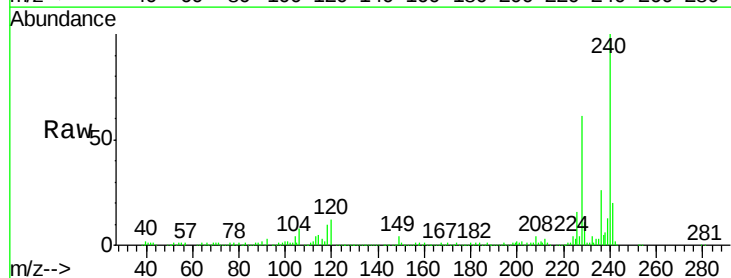
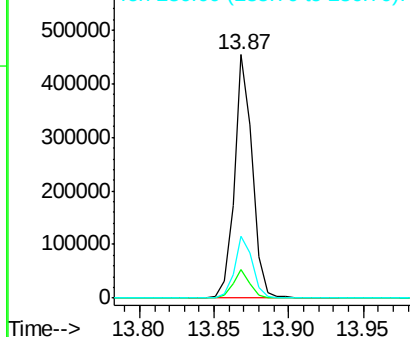
Delta R.T. -0.00 min

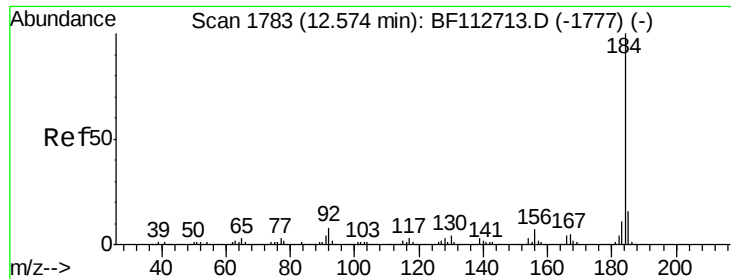
Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 240   | Resp: | 382525 |
| Ion | Ratio | Lower | Upper |        |
| 240 | 100   |       |       |        |
| 120 | 11.5  | 8.9   | 13.3  |        |
| 236 | 25.6  | 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





#77

Benzidine

Concen: 24.549 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

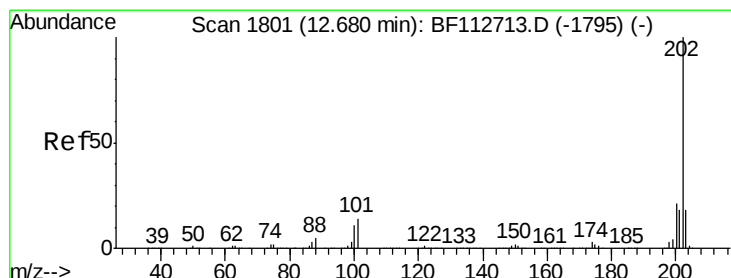
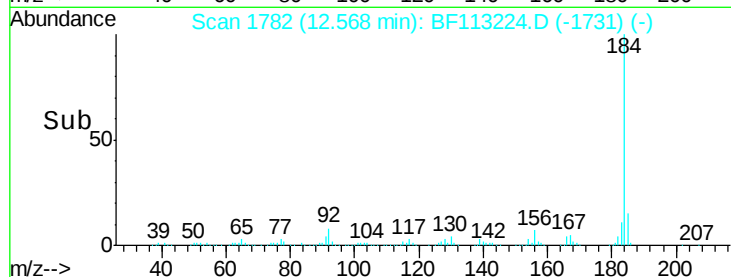
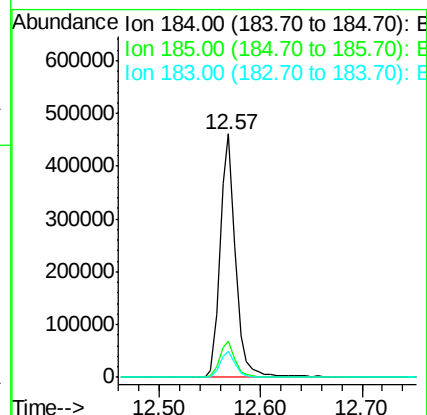
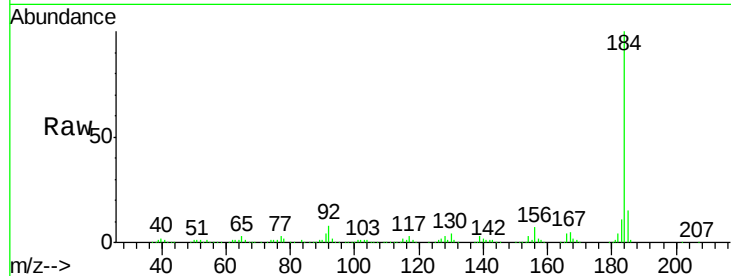
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 487209 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.8  | 12.6  | 18.8   |
| 183       | 10.9  | 8.6   | 12.8   |

Manual Integrations  
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#78

Pyrene

Concen: 30.536 ng

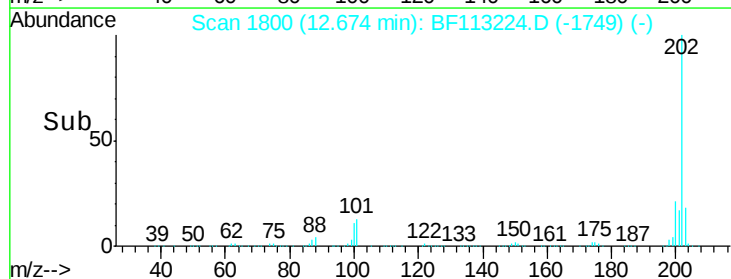
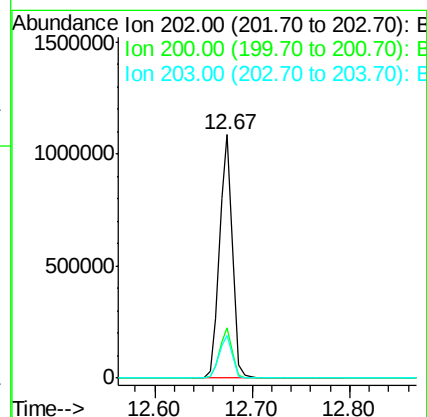
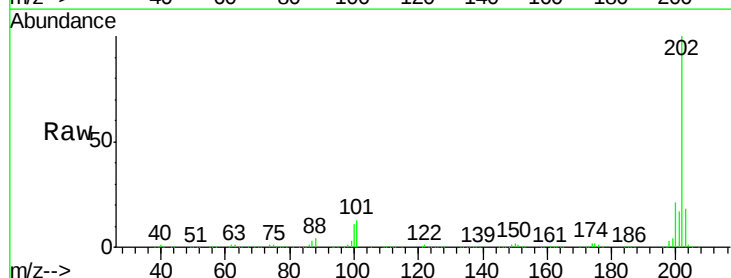
RT: 12.67 min Scan# 1800

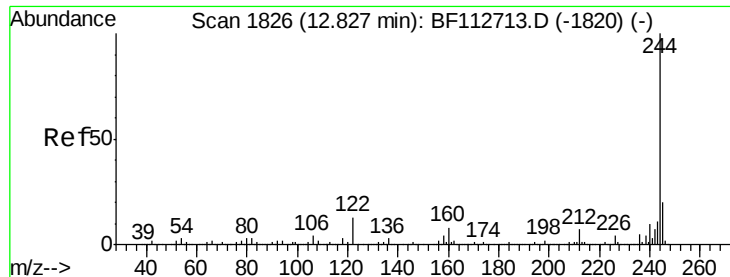
Delta R.T. -0.00 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 984704 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.8  | 17.0  | 25.4   |
| 203       | 17.7  | 14.4  | 21.6   |





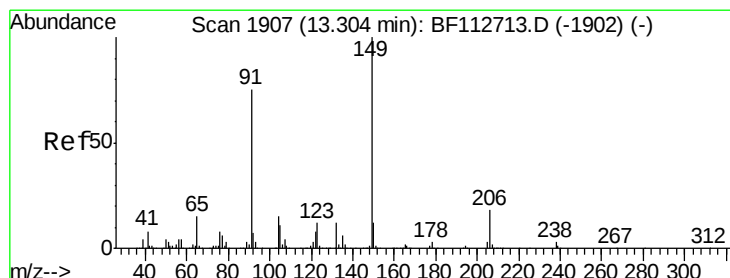
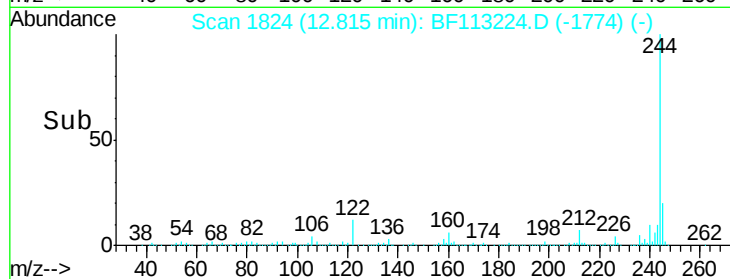
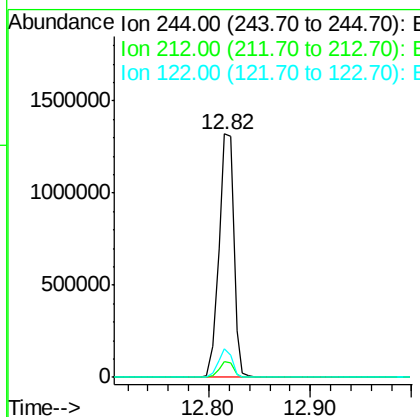
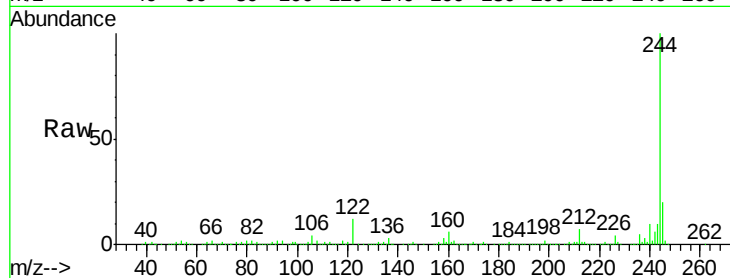
#79  
 Terphenyl-d14  
 Concen: 68.364 ng  
 RT: 12.82 min Scan# 1824  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 244 Resp: 1349036  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.6 8.4  
 122 11.8 10.5 15.7

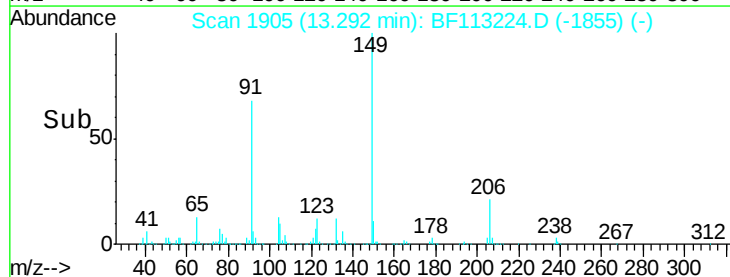
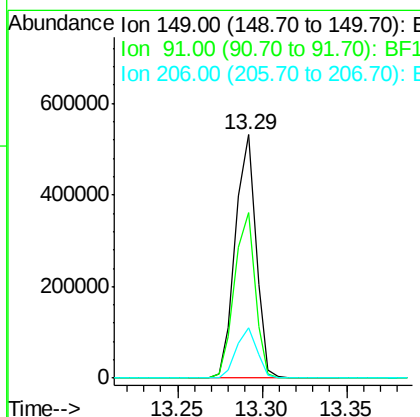
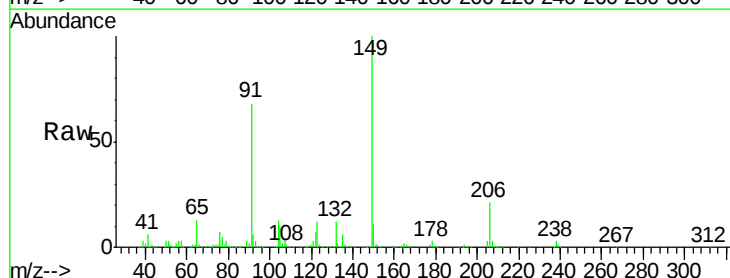
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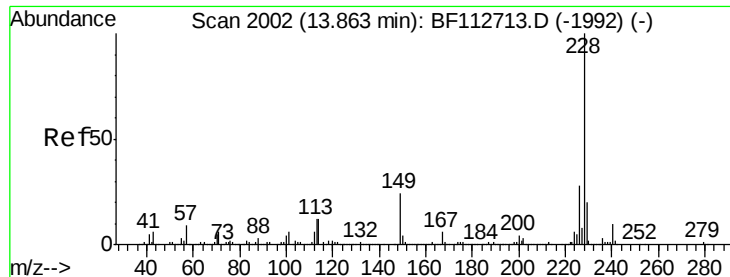
Sohil  
 3/22/2019 3:36:05 PM



#80  
 Butylbenzylphthalate  
 Concen: 31.737 ng  
 RT: 13.29 min Scan# 1905  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

Tgt Ion: 149 Resp: 451757  
 Ion Ratio Lower Upper  
 149 100  
 91 68.1 59.9 89.9  
 206 20.8 14.7 22.1





#81

Benzo(a)anthracene

Concen: 32.661 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

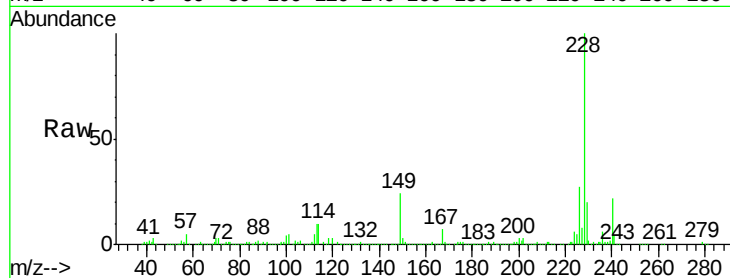
ClientSampleId :

SSTDCCC040

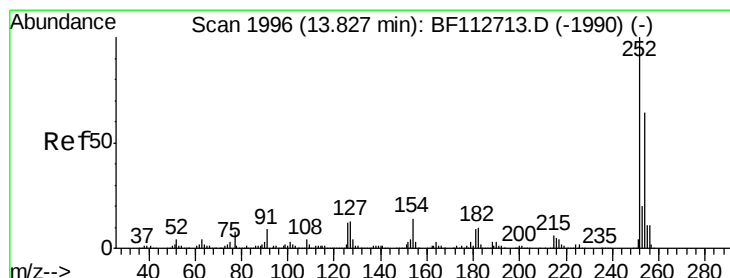
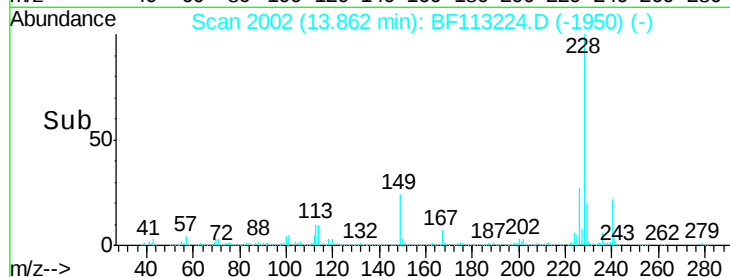
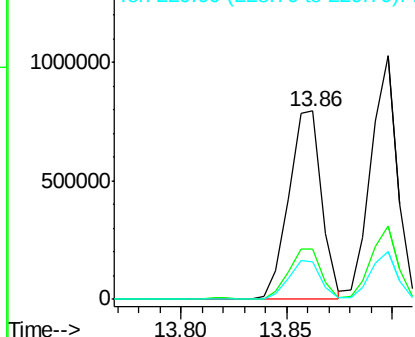
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 865903 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.7  | 22.2  | 33.4   |
| 229       | 19.8  | 16.0  | 24.0   |

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



#82

3,3'-Dichlorobenzidine

Concen: 37.072 ng

RT: 13.82 min Scan# 1995

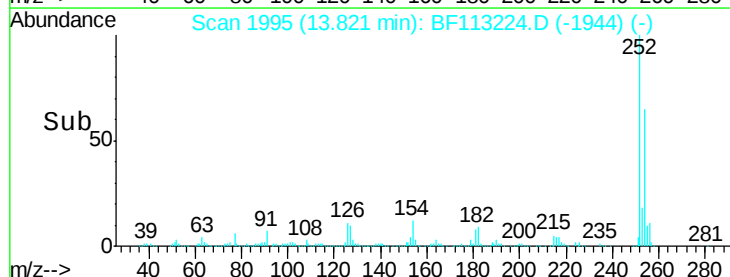
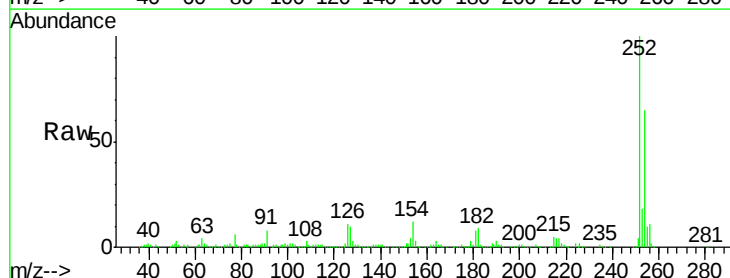
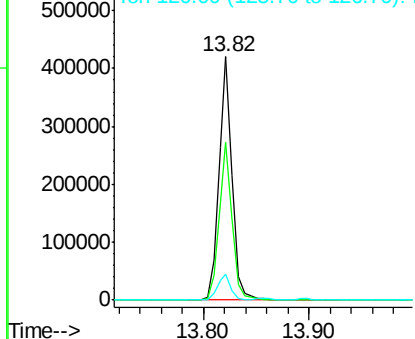
Delta R.T. -0.00 min

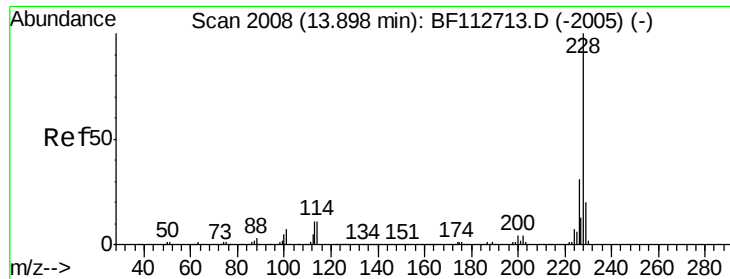
Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 371714 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 65.0  | 51.1  | 76.7   |
| 126       | 10.6  | 9.9   | 14.9   |

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





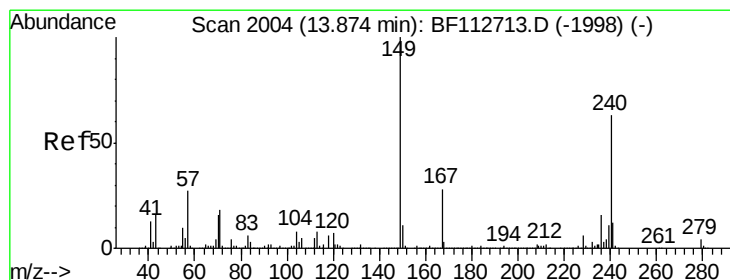
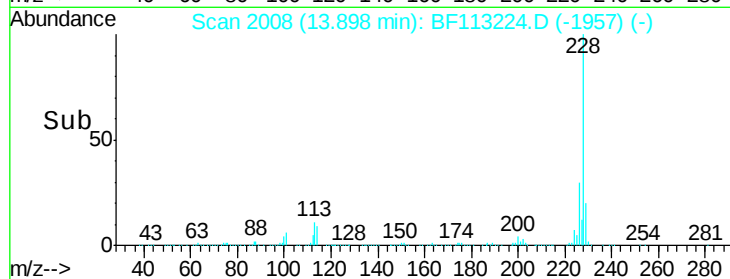
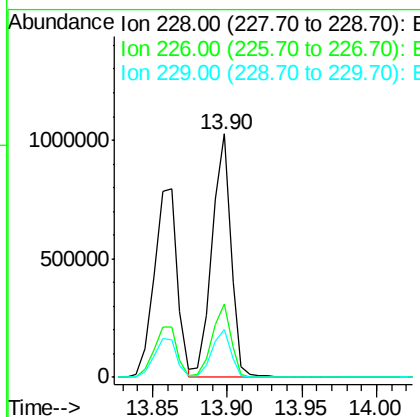
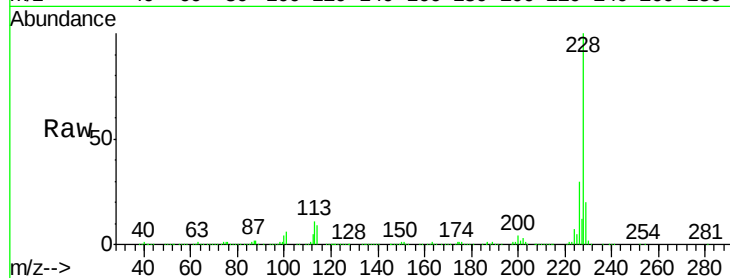
#83  
**Chrysene**  
 Concen: 34.629 ng  
 RT: 13.90 min Scan# 2008  
 Delta R.T. -0.00 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 899284 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.9  | 24.9  | 37.3   |
| 229       | 19.8  | 16.3  | 24.5   |

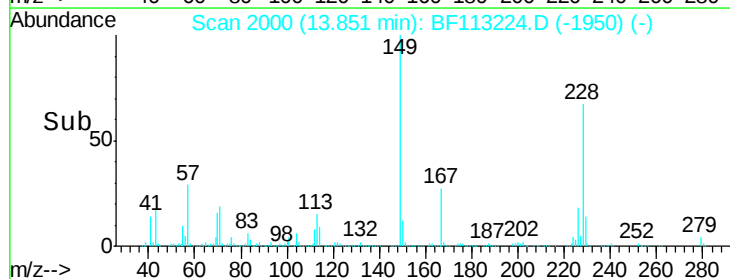
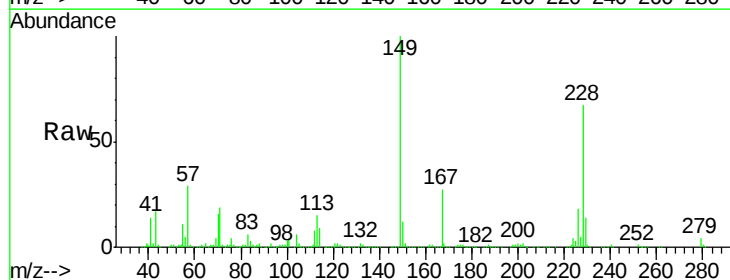
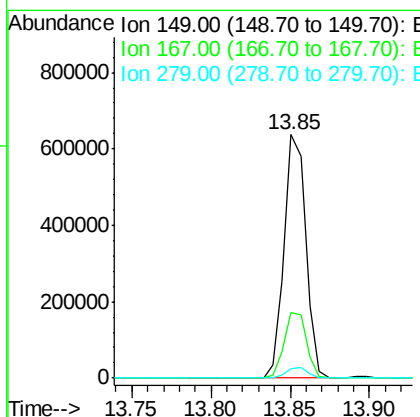
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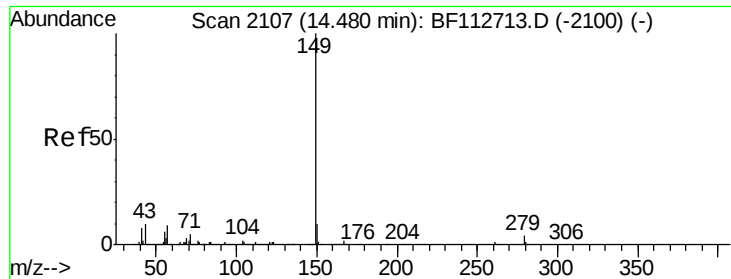
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#84  
**Bis(2-ethylhexyl)phthalate**  
 Concen: 36.425 ng  
 RT: 13.85 min Scan# 2000  
 Delta R.T. -0.01 min  
 Lab File: BF113224.D  
 Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 608153 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.2  | 22.4  | 33.6   |
| 279       | 3.8   | 3.3   | 4.9    |





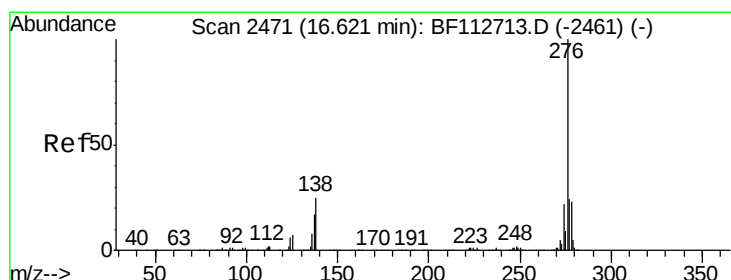
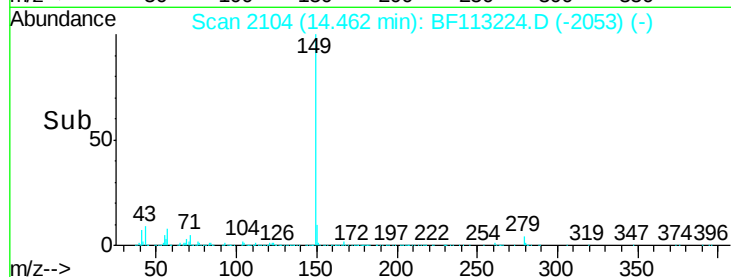
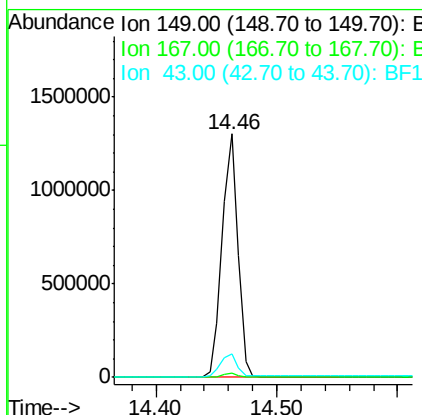
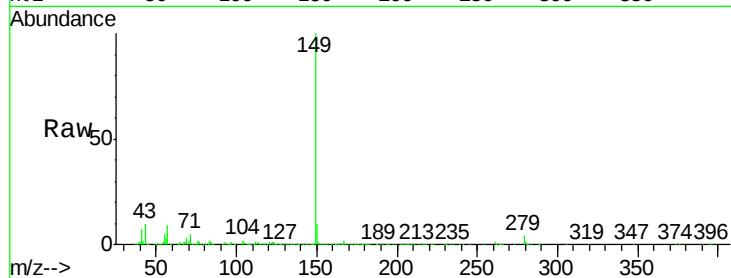
#85  
Di-n-octyl phthalate  
Concen: 40.812 ng  
RT: 14.46 min Scan# 2104  
Delta R.T. -0.00 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 9.8   | 9.0   | 13.4  |

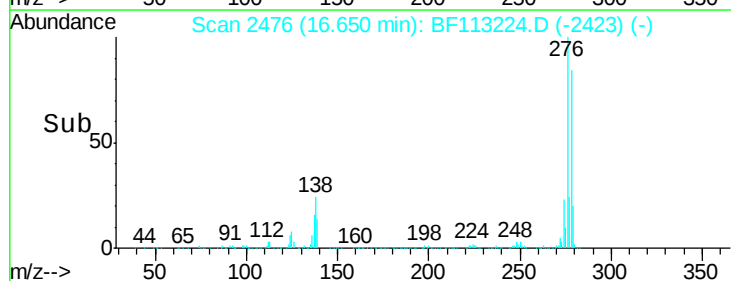
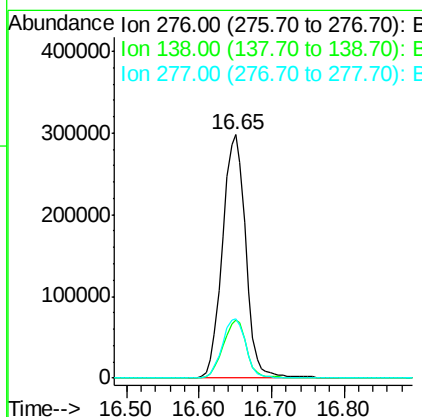
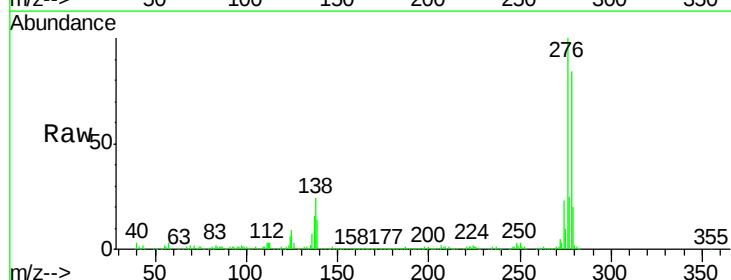
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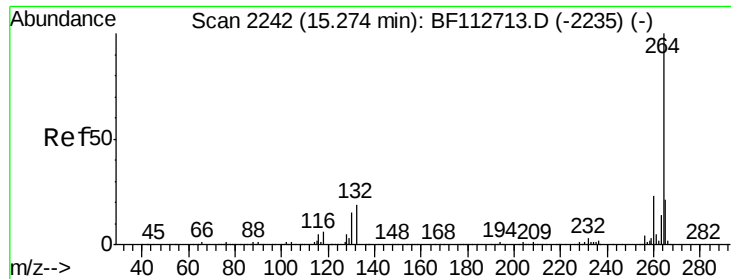
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 30.000 ng  
RT: 16.65 min Scan# 2476  
Delta R.T. 0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.6  | 23.2  | 34.8  |
| 277     | 25.1  | 19.9  | 29.9  |





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

Instrument :

BNA\_F

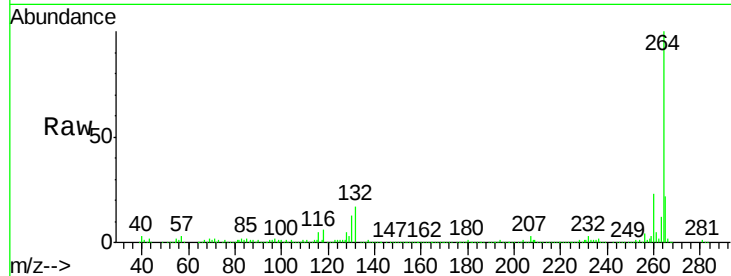
ClientSampleId :

SSTDCCC040

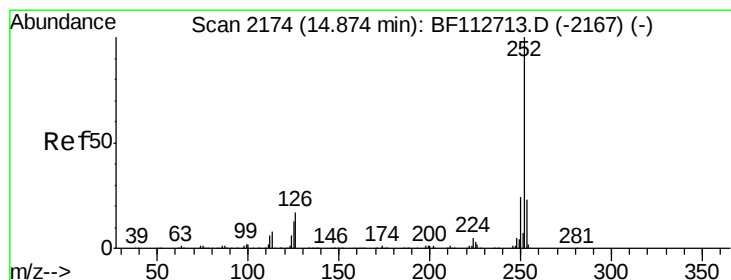
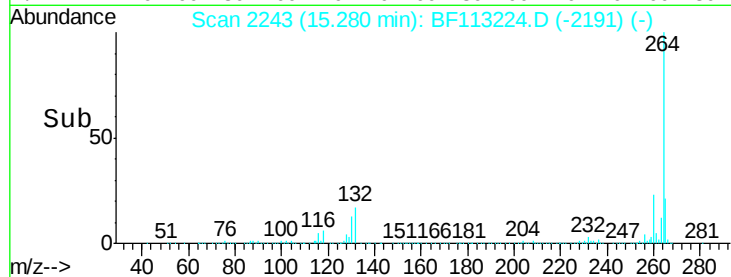
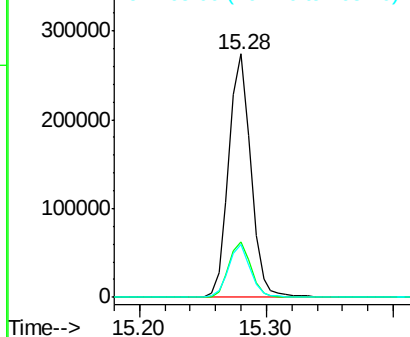
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 331188 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.6  | 18.7  | 28.1   |
| 265       | 21.5  | 17.2  | 25.8   |

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Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.749 ng

RT: 14.88 min Scan# 2175

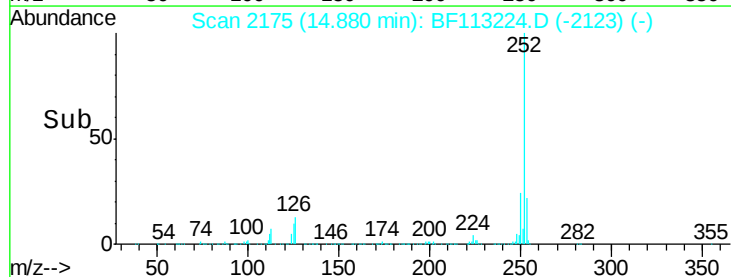
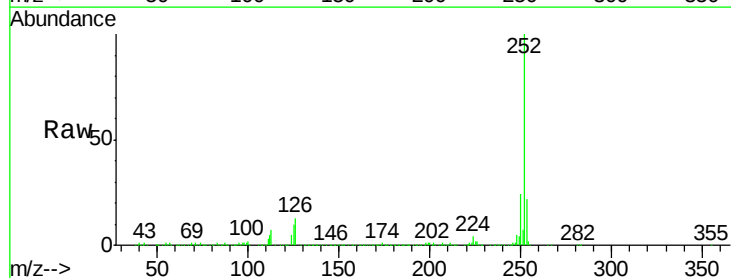
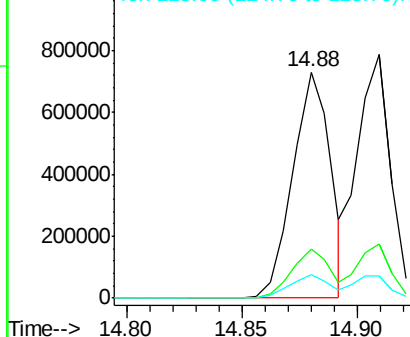
Delta R.T. 0.01 min

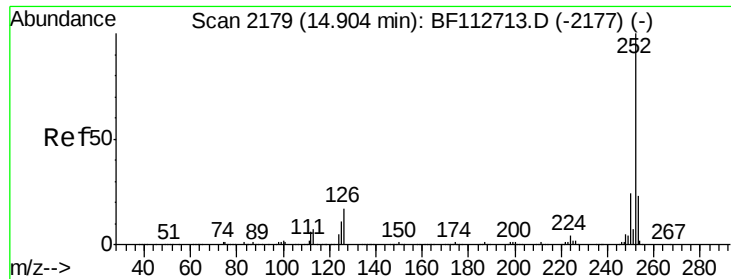
Lab File: BF113224.D

Acq: 21 Mar 2019 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 830087 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 18.0  | 27.0   |
| 125       | 10.4  | 10.2  | 15.2   |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





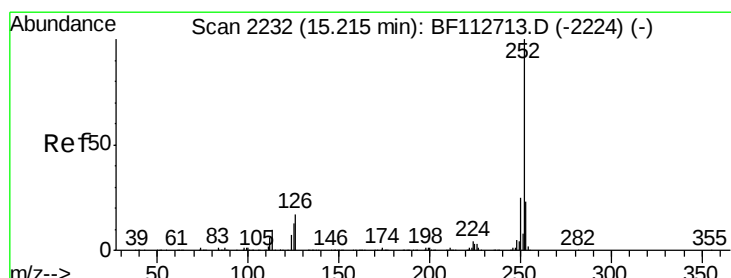
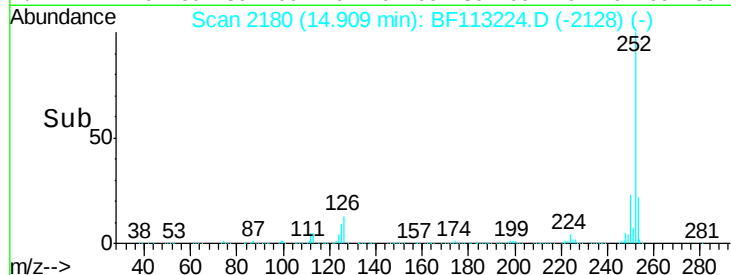
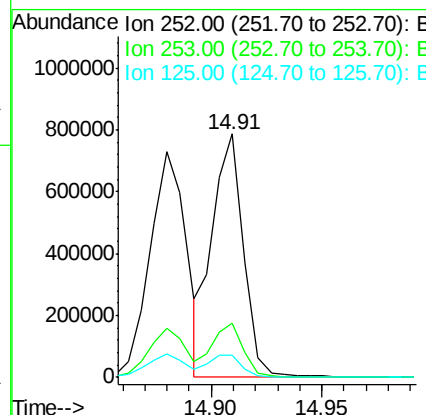
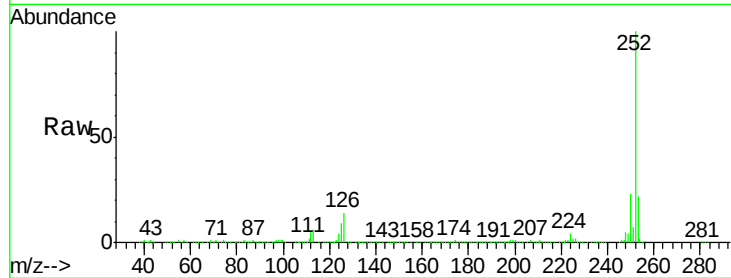
#89  
Benzo(k)fluoranthene  
Concen: 40.740 ng m  
RT: 14.91 min Scan# 2180  
Delta R.T. 0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.2  | 27.2  |
| 125     | 9.3   | 9.8   | 14.6  |

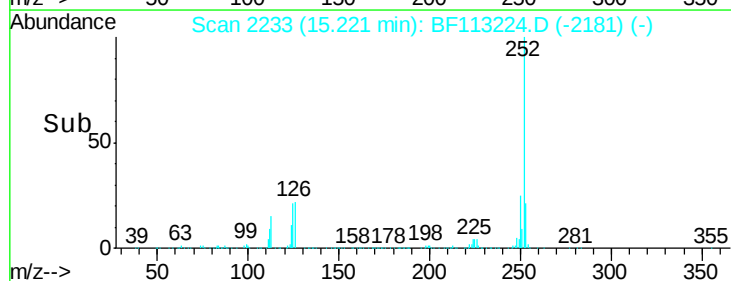
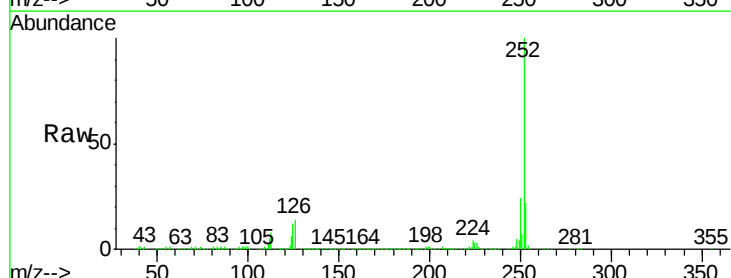
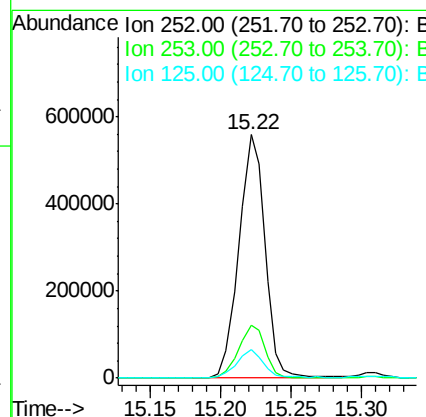
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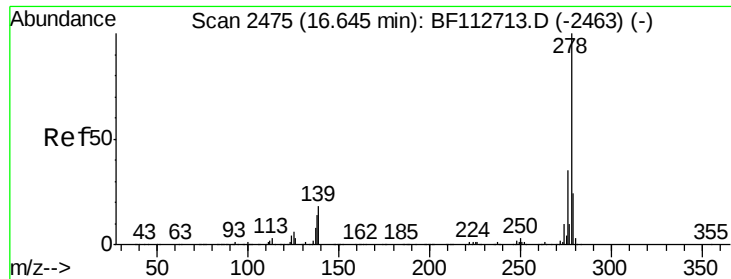
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#90  
Benzo(a)pyrene  
Concen: 38.019 ng  
RT: 15.22 min Scan# 2233  
Delta R.T. 0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.0  | 27.0  |
| 125     | 11.8  | 10.7  | 16.1  |





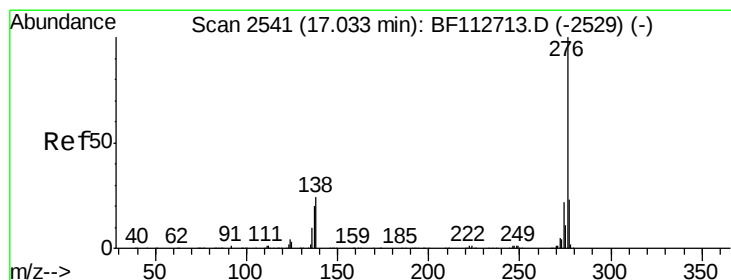
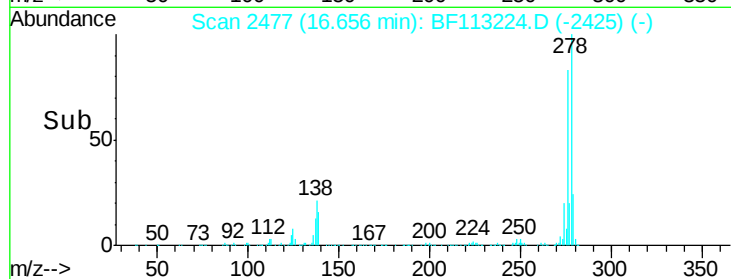
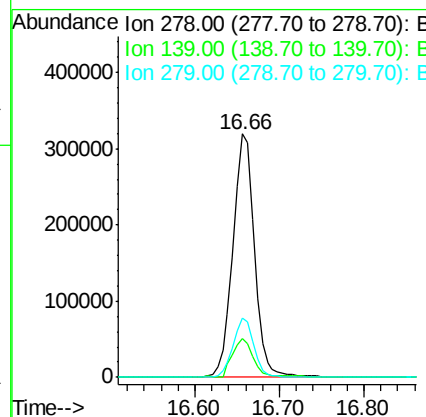
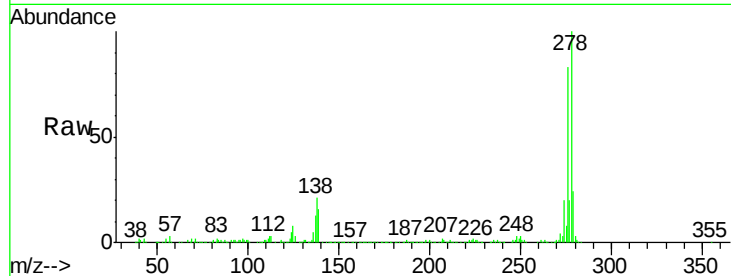
#91  
Dibenzo(a,h)anthracene  
Concen: 34.745 ng  
RT: 16.66 min Scan# 2477  
Delta R.T. 0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.0  | 14.3  | 21.5  |
| 279     | 24.5  | 19.4  | 29.0  |

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#92  
Benzo(g,h,i)perylene  
Concen: 32.800 ng  
RT: 17.06 min Scan# 2545  
Delta R.T. 0.01 min  
Lab File: BF113224.D  
Acq: 21 Mar 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 18.6  | 27.8  |
| 138     | 20.7  | 19.4  | 29.0  |

