

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\  
 Data File : BF086657.D  
 Acq On : 3 May 2016 21:14  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

sohil  
 5/4/2016 6:53:42 PM

Quant Time: May 04 05:15:19 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 27 14:20:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 186140   | 20.00 | ng    | -0.06    |
| 21) Naphthalene-d8        | 8.04  | 136  | 737343   | 20.00 | ng    | -0.06    |
| 38) Acenaphthene-d10      | 9.79  | 164  | 291978   | 20.00 | ng    | -0.06    |
| 63) Phenanthrene-d10      | 11.28 | 188  | 429434   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 13.91 | 240  | 358169   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 15.30 | 264  | 327729   | 20.00 | ng    | -0.06    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.34  | 112 | 974693  | 90.32  | ng | -0.04 |
| 7) Phenol-d6             | 6.40  | 99  | 1233961 | 81.93  | ng | -0.05 |
| 23) Nitrobenzene-d5      | 7.32  | 82  | 1201945 | 87.86  | ng | -0.06 |
| 41) 2,4,6-Tribromophenol | 10.58 | 330 | 195811  | 63.59  | ng | -0.06 |
| 44) 2-Fluorobiphenyl     | 9.13  | 172 | 1645103 | 103.01 | ng | -0.05 |
| 78) Terphenyl-d14        | 12.85 | 244 | 1130881 | 69.56  | ng | -0.06 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.28 | 88  | 229938  | 40.56 | ng | # 74   |
| 3) Pyridine                    | 2.97 | 79  | 550088  | 41.00 | ng | # 73   |
| 4) n-Nitrosodimethylamine      | 2.92 | 42  | 376435  | 49.23 | ng | # 55   |
| 6) Aniline                     | 6.42 | 93  | 718822  | 39.44 | ng | # 60   |
| 8) 2-Chlorophenol              | 6.54 | 128 | 526373  | 39.16 | ng | 95     |
| 9) Benzaldehyde                | 6.29 | 77  | 297961  | 34.00 | ng | 95     |
| 10) Phenol                     | 6.42 | 94  | 649288  | 38.64 | ng | # 42   |
| 11) bis(2-Chloroethyl)ether    | 6.50 | 93  | 595748  | 41.01 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 6.69 | 146 | 558601  | 38.64 | ng | # 93   |
| 13) 1,4-Dichlorobenzene        | 6.77 | 146 | 586733  | 39.33 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 6.92 | 146 | 486611m | 35.57 | ng |        |
| 15) Benzyl Alcohol             | 6.91 | 79  | 393191  | 41.27 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.04 | 45  | 1177731 | 40.50 | ng | 93     |
| 17) 2-Methylphenol             | 7.02 | 107 | 422269  | 38.87 | ng | # 92   |
| 18) Hexachloroethane           | 7.26 | 117 | 185460  | 33.27 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.18 | 70  | 410948  | 41.28 | ng | # 75   |
| 20) 3+4-Methylphenols          | 7.18 | 107 | 520040  | 41.93 | ng | # 63   |
| 22) Acetophenone               | 7.17 | 105 | 692260  | 42.82 | ng | # 92   |
| 24) Nitrobenzene               | 7.34 | 77  | 602938  | 42.85 | ng | 97     |
| 25) Isophorone                 | 7.58 | 82  | 1030946 | 39.16 | ng | 99     |
| 26) 2-Nitrophenol              | 7.66 | 139 | 204463  | 31.56 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.71 | 122 | 489495  | 43.06 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 7.80 | 93  | 626460  | 43.68 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.90 | 162 | 381134  | 39.74 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 7.98 | 180 | 437202  | 39.29 | ng | 96     |
| 31) Naphthalene                | 8.06 | 128 | 1397192 | 37.24 | ng | 98     |
| 32) Benzoic acid               | 7.82 | 122 | 139224  | 25.31 | ng | # 82   |
| 33) 4-Chloroaniline            | 8.12 | 127 | 591210  | 42.08 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.19 | 225 | 250352  | 40.14 | ng | 99     |
| 35) Caprolactam                | 8.50 | 113 | 115356  | 36.05 | ng | # 54   |
| 36) 4-Chloro-3-methylphenol    | 8.60 | 107 | 406023  | 36.97 | ng | 86     |
| 37) 2-Methylnaphthalene        | 8.75 | 142 | 817675  | 36.93 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.92 | 216 | 376559  | 45.06 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.91 | 237 | 33914   | 8.17  | ng | 92     |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

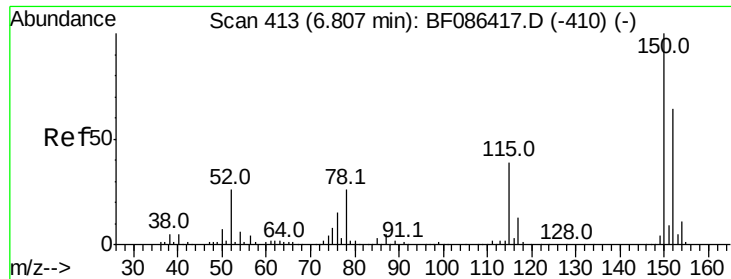
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 5/4/2016 6:53:42 PM

Quant Time: May 04 05:15:19 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 27 14:20:52 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.04  | 196  | 227504   | 43.06 | nq    | 94       |
| 43) 2,4,5-Trichlorophenol      | 9.08  | 196  | 230928   | 40.10 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.22  | 154  | 984280   | 40.33 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.24  | 162  | 738196   | 39.78 | nq    | 93       |
| 47) 2-Nitroaniline             | 9.34  | 65   | 319232   | 53.65 | nq    | 88       |
| 48) Acenaphthylene             | 9.65  | 152  | 1102976  | 38.03 | nq    | 99       |
| 49) Dimethylphthalate          | 9.53  | 163  | 1022261  | 46.51 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.58  | 165  | 174385   | 38.40 | nq    | # 84     |
| 51) Acenaphthene               | 9.82  | 154  | 662815   | 35.58 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.76  | 138  | 233139   | 45.14 | nq    | 98       |
| 53) 2,4-Dinitrophenol          | 9.87  | 184  | 2850     | 8.87  | nq    | # 1      |
| 54) Dibenzofuran               | 10.00 | 168  | 883179   | 37.93 | nq    | 96       |
| 55) 4-Nitrophenol              | 9.92  | 139  | 98910    | 29.25 | nq    | # 52     |
| 56) 2,4-Dinitrotoluene         | 9.98  | 165  | 206169   | 35.62 | nq    | # 92     |
| 57) Fluorene                   | 10.34 | 166  | 681256   | 33.70 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.12 | 232  | 162148   | 36.02 | nq    | 94       |
| 59) Diethylphthalate           | 10.22 | 149  | 926852   | 44.54 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.34 | 204  | 364080   | 39.67 | nq    | # 82     |
| 61) 4-Nitroaniline             | 10.36 | 138  | 213197   | 42.23 | nq    | # 75     |
| 62) Azobenzene                 | 10.49 | 77   | 870098   | 38.18 | nq    | 83       |
| 64) 4,6-Dinitro-2-methylphenol | 10.40 | 198  | 8330     | 3.30  | nq    | # 61     |
| 65) n-Nitrosodiphenylamine     | 10.45 | 169  | 619306   | 46.14 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.82 | 248  | 189698   | 42.87 | nq    | 91       |
| 67) Hexachlorobenzene          | 10.89 | 284  | 220864   | 43.12 | nq    | # 85     |
| 68) Atrazine                   | 10.98 | 200  | 160846   | 39.91 | nq    | 94       |
| 69) Pentachlorophenol          | 11.08 | 266  | 109645   | 40.60 | nq    | 97       |
| 70) Phenanthrene               | 11.30 | 178  | 966060   | 42.87 | nq    | 100      |
| 71) Anthracene                 | 11.35 | 178  | 977002   | 40.62 | nq    | 100      |
| 72) Carbazole                  | 11.51 | 167  | 845979   | 39.69 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.85 | 149  | 1167646  | 48.35 | nq    | 99       |
| 74) Fluoranthene               | 12.48 | 202  | 922486   | 40.55 | nq    | 99       |
| 76) Benzidine                  | 12.61 | 184  | 458530   | 37.25 | nq    | 96       |
| 77) Pyrene                     | 12.71 | 202  | 902827   | 34.98 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.33 | 149  | 443926   | 39.72 | nq    | # 75     |
| 80) Benzo(a)anthracene         | 13.89 | 228  | 784547   | 41.08 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.87 | 252  | 566015   | 44.34 | nq    | # 94     |
| 82) Chrysene                   | 13.93 | 228  | 835091   | 40.23 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.89 | 149  | 570111   | 41.09 | nq    | # 94     |
| 84) Di-n-octyl phthalate       | 14.51 | 149  | 1135658  | 52.27 | nq    | # 88     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 691991   | 44.99 | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 14.91 | 252  | 836393m  | 43.38 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.93 | 252  | 707925m  | 35.20 | nq    |          |
| 89) Benzo(a)pyrene             | 15.24 | 252  | 710023   | 39.01 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.65 | 278  | 588029   | 39.48 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 17.03 | 276  | 555258   | 37.20 | nq    | 95       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

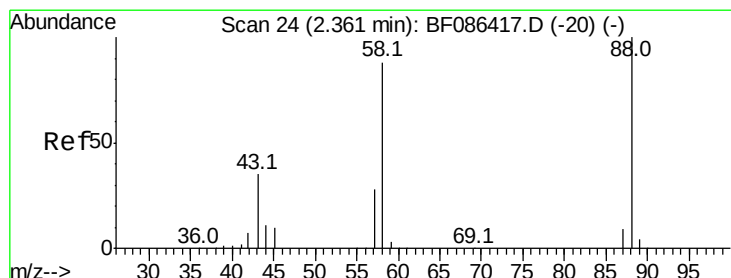
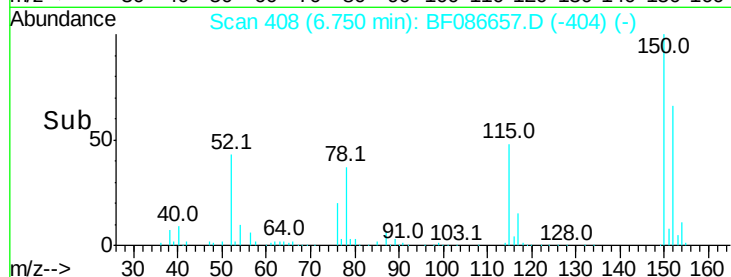
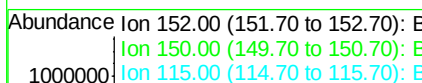
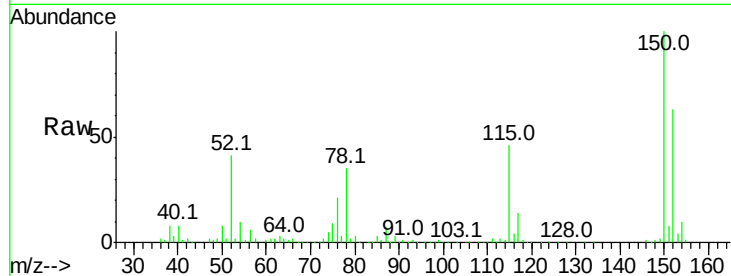
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 186140 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 159.5 | 125.8 | 188.6  |
| 115       | 73.3  | 51.5  | 77.3   |

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#2

1,4-Dioxane

Concen: 40.56 ng

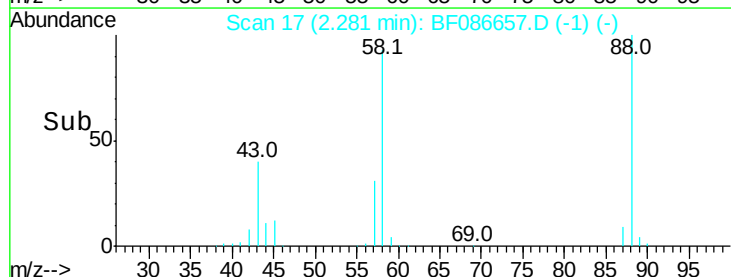
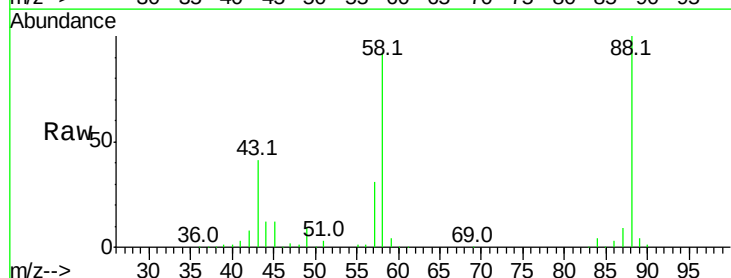
RT: 2.28 min Scan# 17

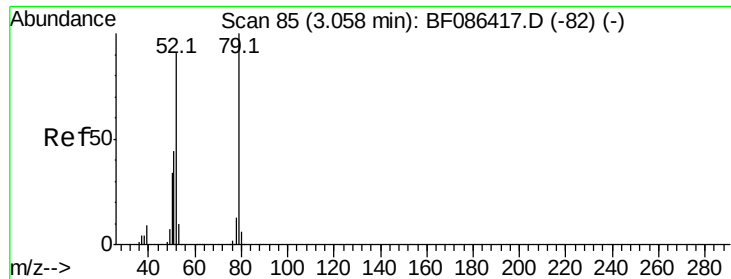
Delta R.T. -0.08 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 229938 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 95.9  | 59.6  | 89.4#  |
| 43        | 41.8  | 21.8  | 32.6#  |





#3

Pvridine

Concen: 41.00 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.09 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

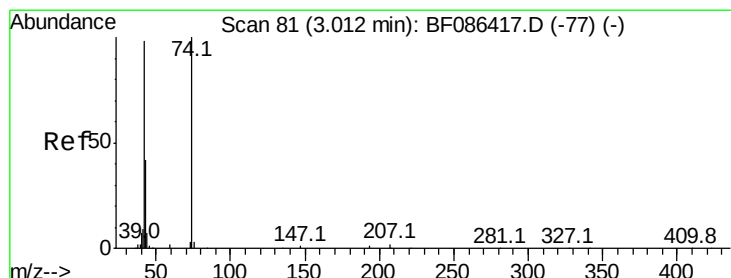
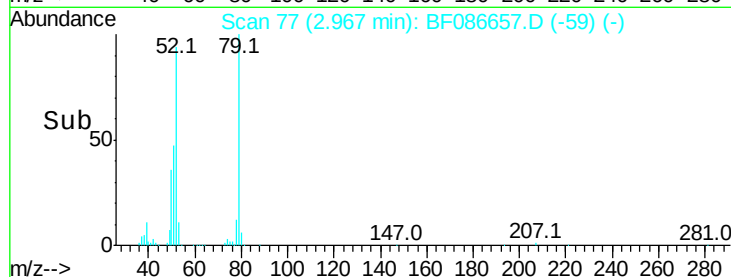
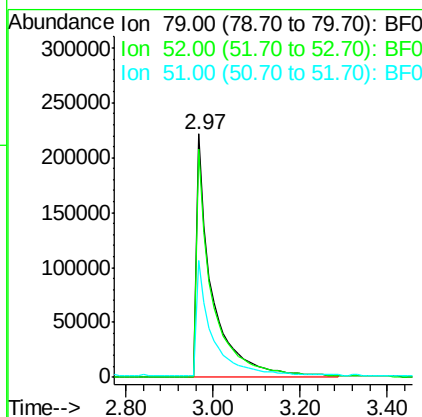
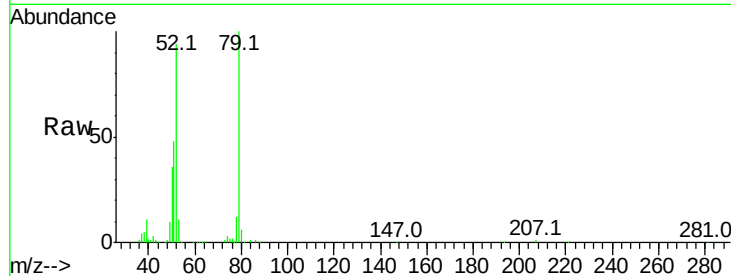
ClientSampleId :

SSTDCCC040EC

Manual Integrations  
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| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 79      | 100  |       |       |       |       |
| 52      | 93.7 | 55.9  | 83.9# |       |       |
| 51      | 47.9 | 28.1  | 42.1# |       |       |



#4

n-Nitrosodimethylamine

Concen: 49.23 ng

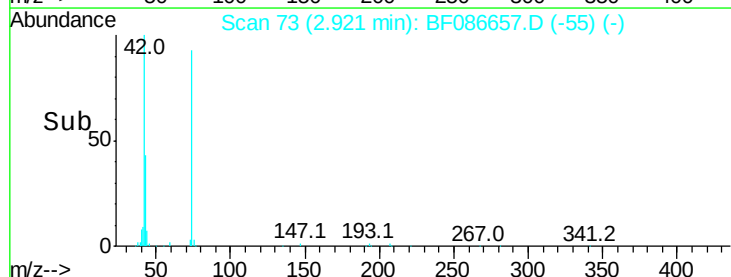
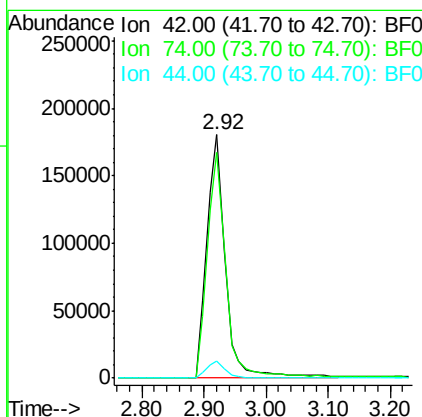
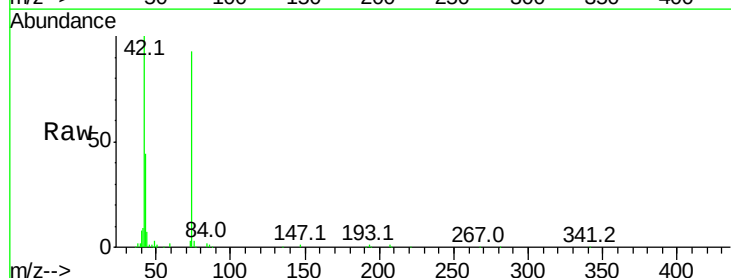
RT: 2.92 min Scan# 73

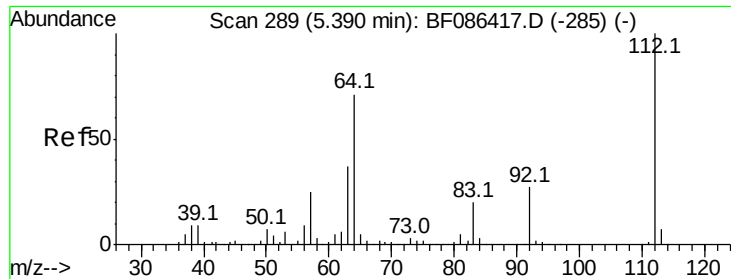
Delta R.T. -0.09 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 42      | 100  |       |        |       |       |
| 74      | 92.9 | 123.4 | 185.0# |       |       |
| 44      | 6.8  | 5.8   | 8.6    |       |       |





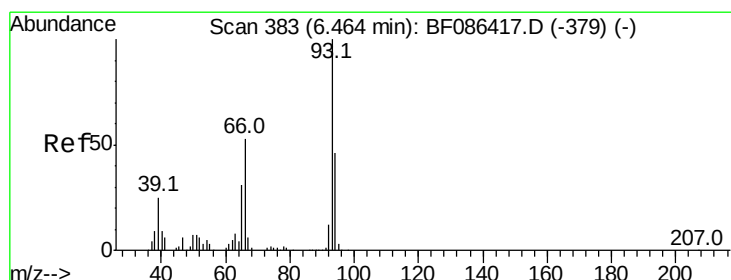
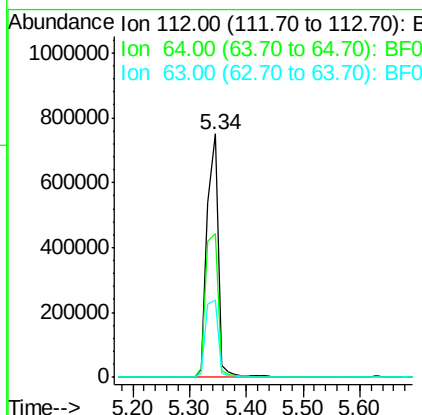
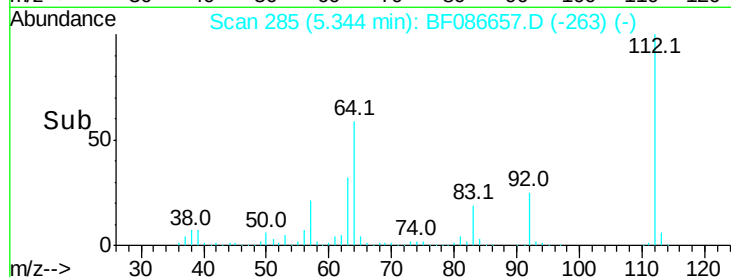
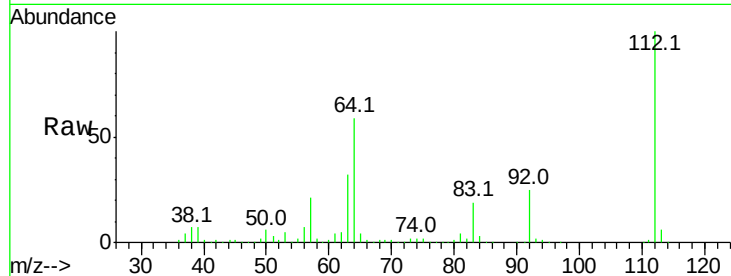
#5  
 2-Fluorophenol  
 Concen: 90.32 ng  
 RT: 5.34 min Scan# 285  
 Delta R.T. -0.04 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 974693 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.1  | 52.1  | 78.1   |
| 63        | 31.9  | 25.7  | 38.5   |

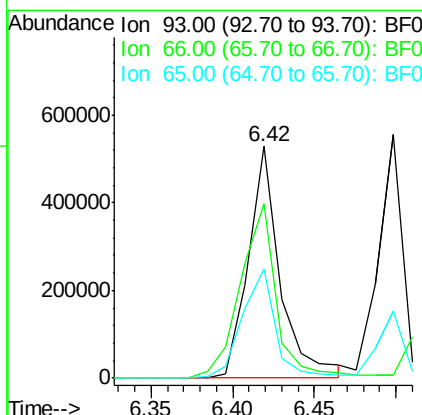
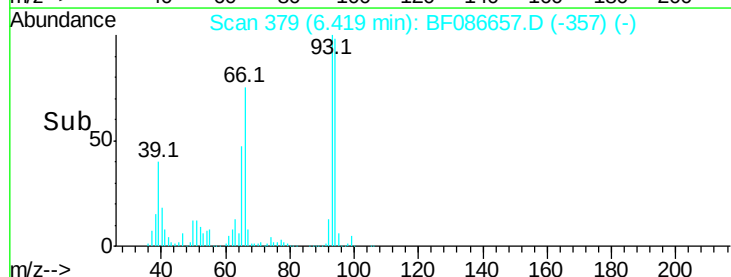
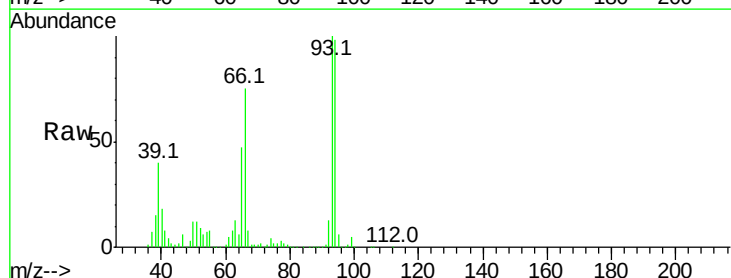
Manual Integrations  
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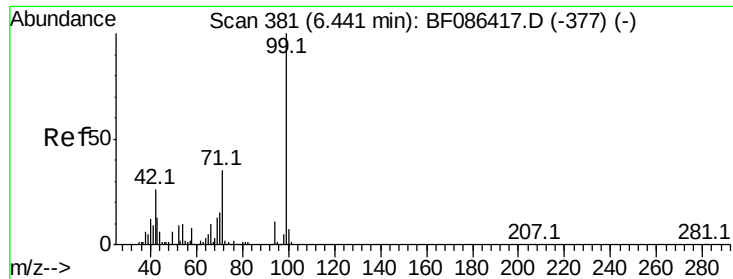
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 5/4/2016 6:53:42 PM



#6  
 Aniline  
 Concen: 39.44 ng  
 RT: 6.42 min Scan# 379  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 718822 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 75.3  | 39.0  | 58.6#  |
| 65        | 47.2  | 20.6  | 31.0#  |





#7

Phenol-d6

Concen: 81.93 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

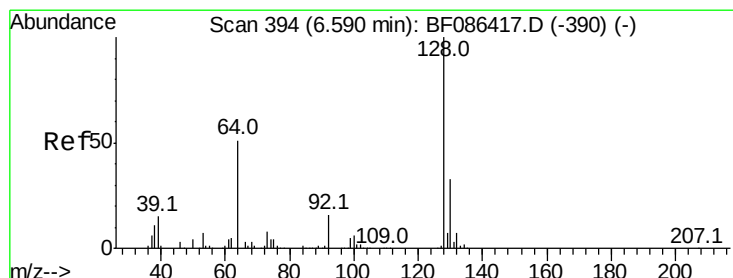
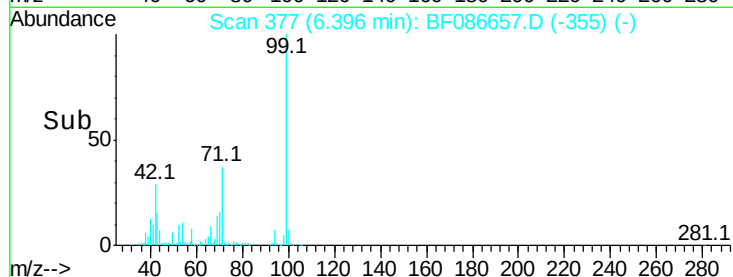
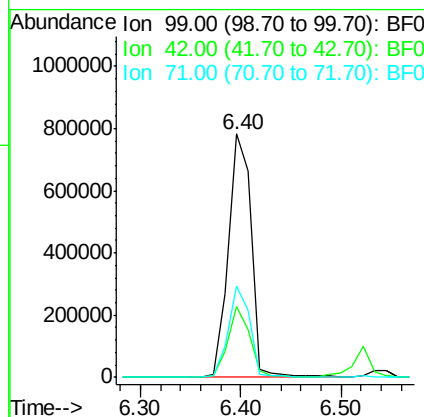
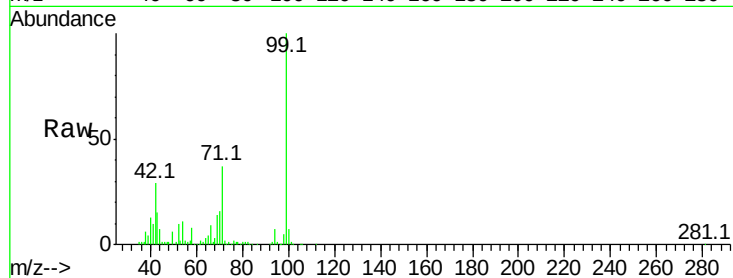
ClientSampleId :

SSTDCCC040EC

Manual Integrations  
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| Tot Ion | 99    | Resp  | 1233961 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 99      | 100   |       |         |
| 42      | 29.3  | 13.6  | 20.4#   |
| 71      | 37.5  | 24.6  | 36.8#   |



#8

2-Chlorophenol

Concen: 39.16 ng

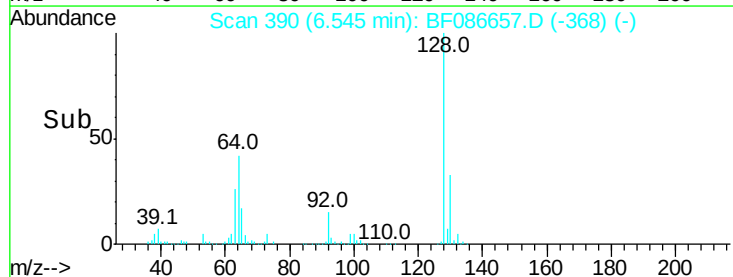
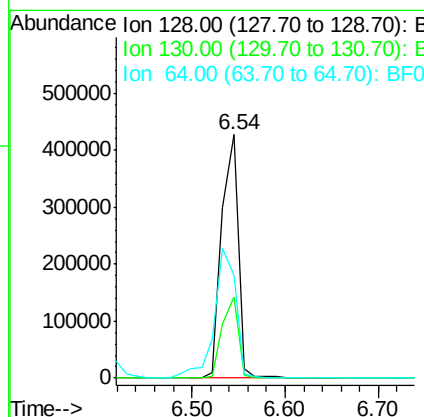
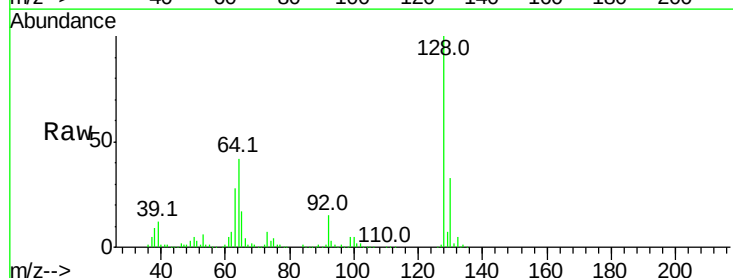
RT: 6.54 min Scan# 390

Delta R.T. -0.05 min

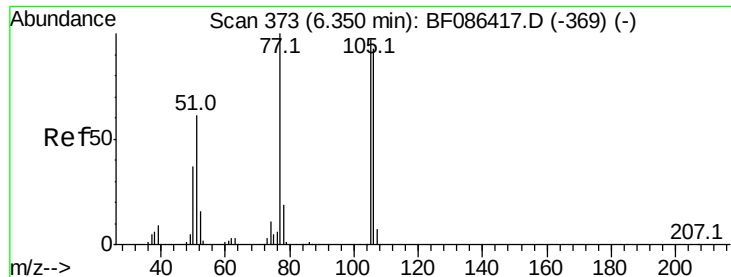
Lab File: BF086657.D

Acq: 3 May 2016 21:14

| Tgt Ion | 128   | Resp  | 526373 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 128     | 100   |       |        |
| 130     | 33.3  | 12.5  | 52.5   |
| 64      | 42.5  | 27.3  | 67.3   |







#9

Benzaldehyde

Concen: 34.00 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

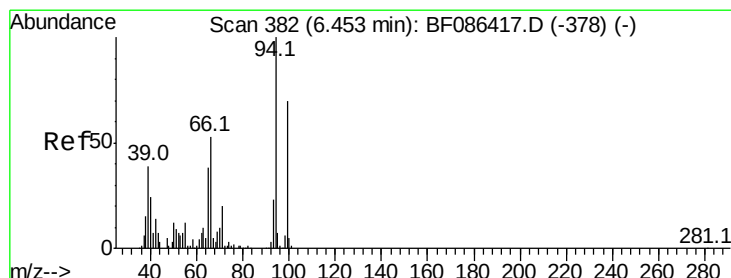
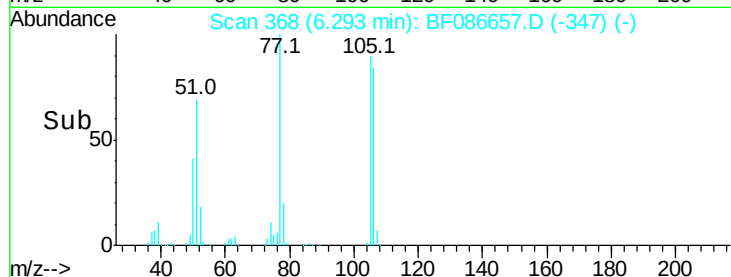
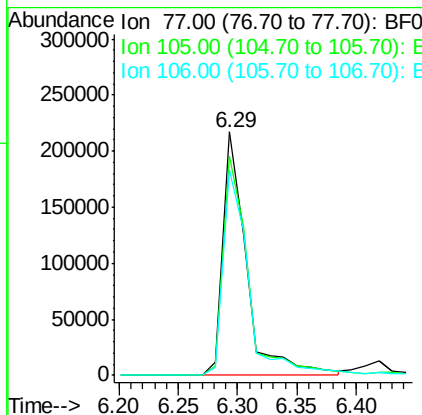
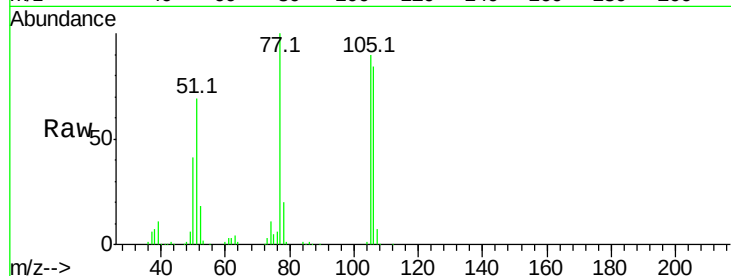
ClientSampleId :

SSTDCCC040EC

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 297961 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 90.2  | 72.7  | 112.7  |
| 106       | 84.5  | 70.8  | 110.8  |



#10

Phenol

Concen: 38.64 ng

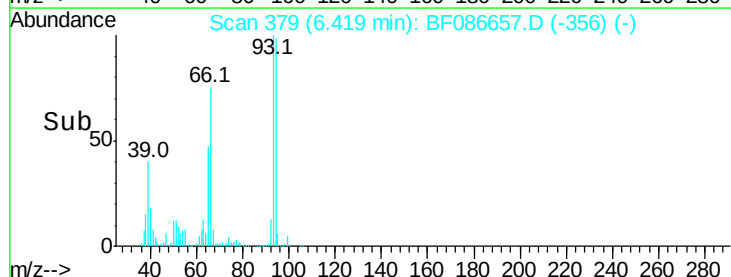
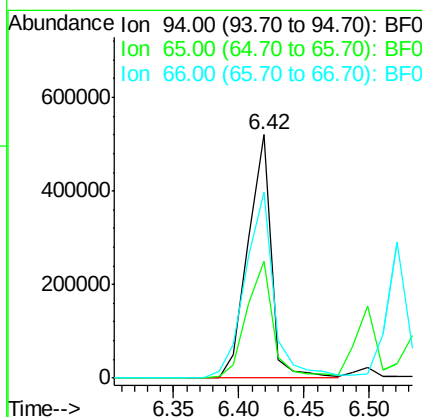
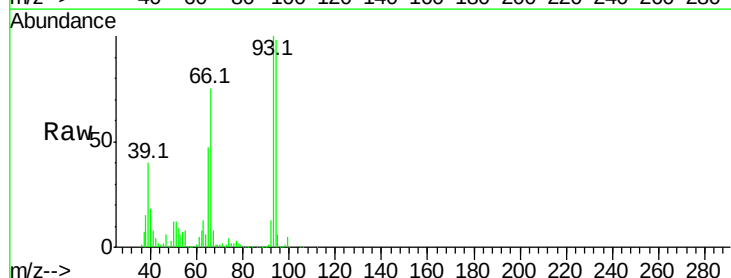
RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

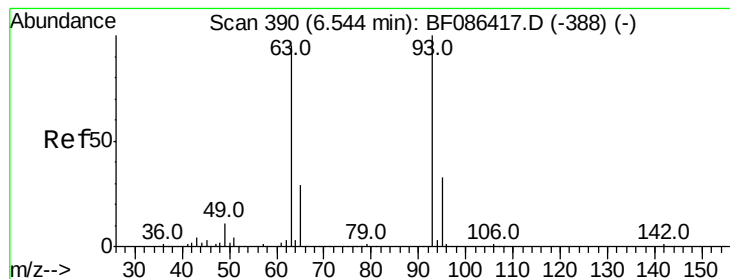
Lab File: BF086657.D

Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 649288 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 48.0  | 7.2   | 47.2#  |
| 66        | 76.5  | 14.9  | 54.9#  |







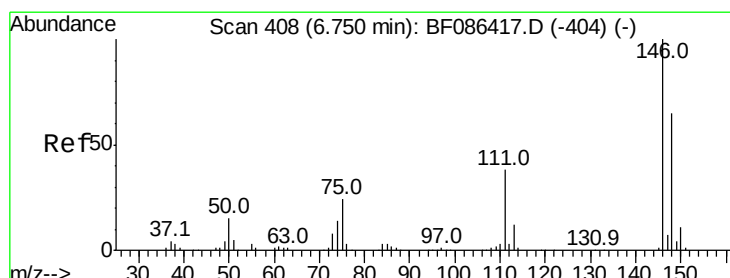
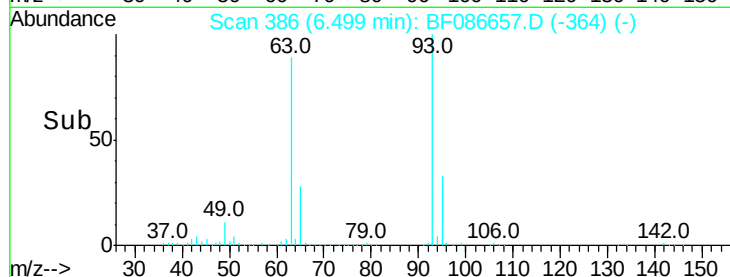
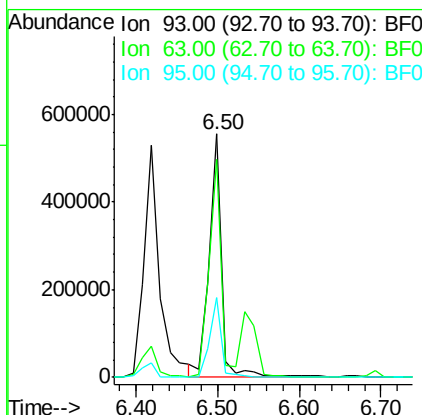
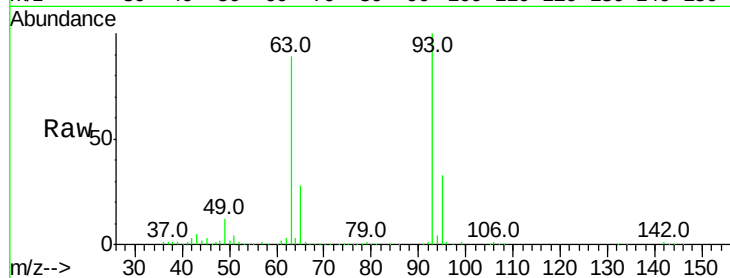
#11  
bis(2-Chloroethyl)ether  
Concen: 41.01 ng  
RT: 6.50 min Scan# 386  
Delta R.T. -0.05 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 89.4  | 58.0  | 98.0  |
| 95      | 32.6  | 11.9  | 51.9  |

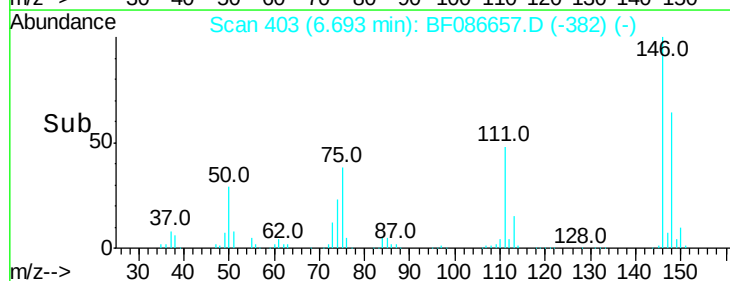
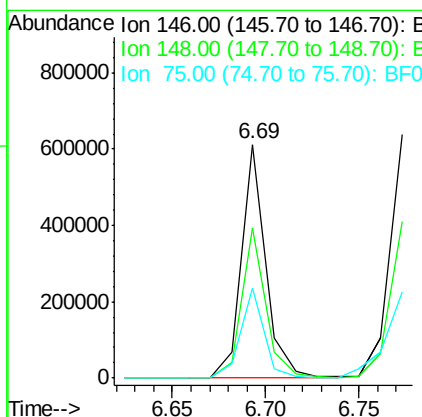
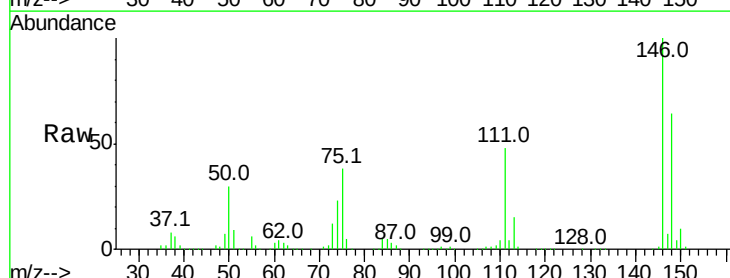
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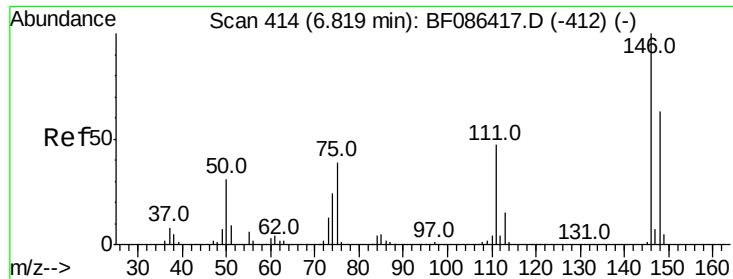
sohil  
5/4/2016 6:53:42 PM



#12  
1,3-Dichlorobenzene  
Concen: 38.64 ng  
RT: 6.69 min Scan# 403  
Delta R.T. -0.06 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 52.4  | 78.6  |
| 75      | 38.4  | 22.8  | 34.2# |





#13

1,4-Dichlorobenzene

Concen: 39.33 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

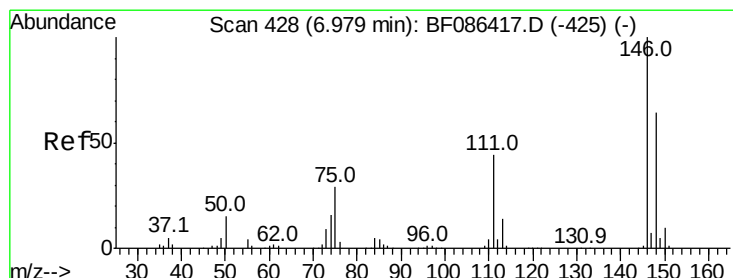
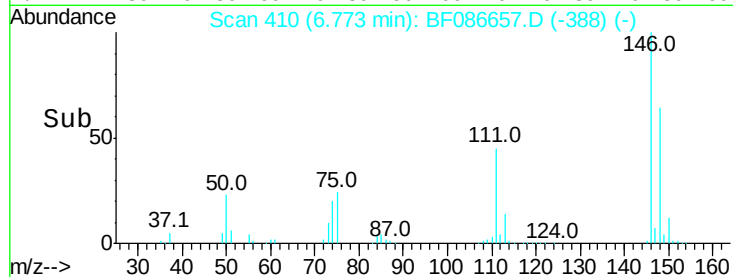
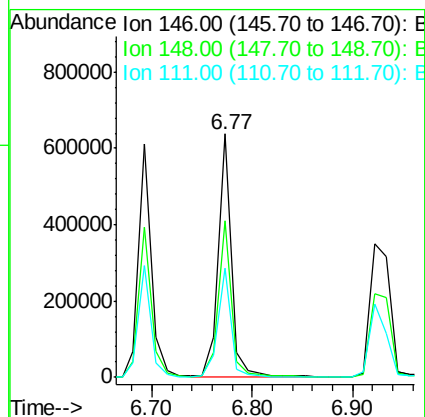
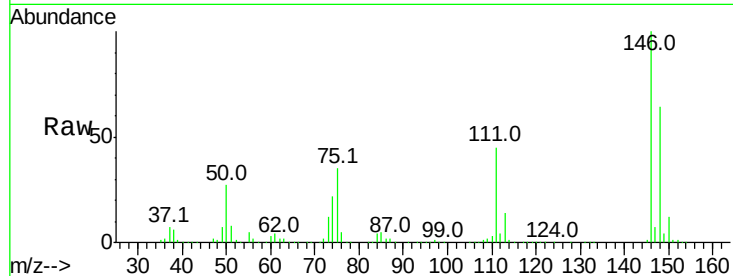
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 586733 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.5  | 52.2  | 78.4   |
| 111       | 44.7  | 30.7  | 46.1   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 35.57 ng m

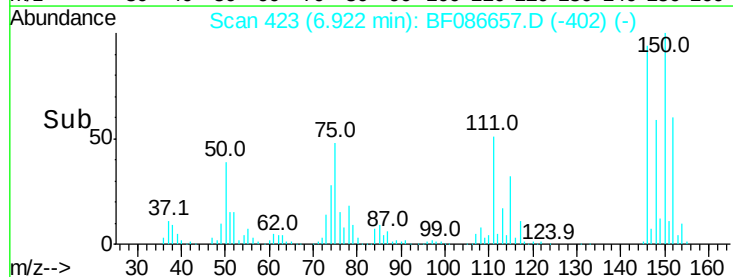
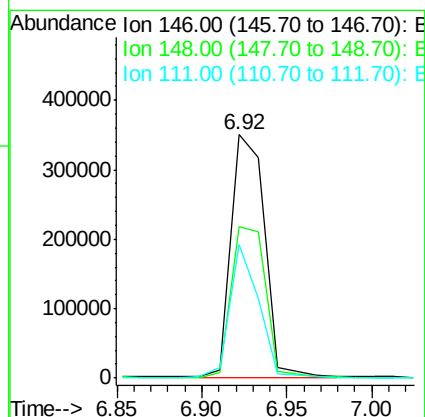
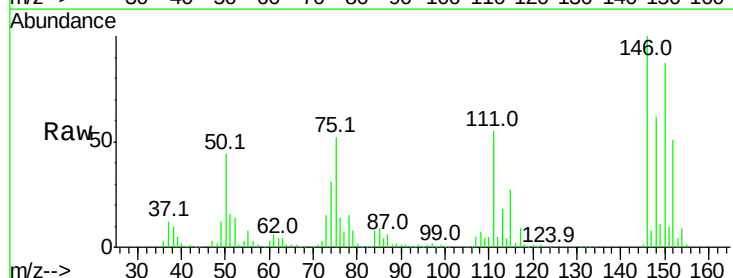
RT: 6.92 min Scan# 423

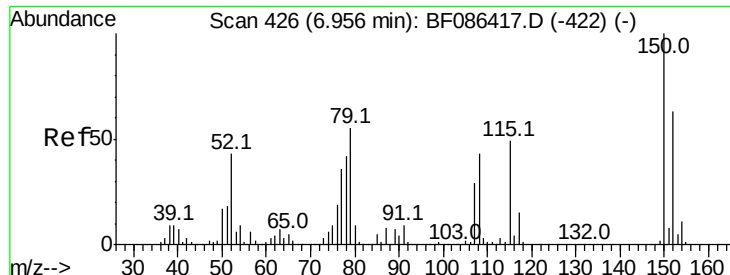
Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 486611 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.4  | 51.0  | 76.6   |
| 111       | 54.6  | 36.2  | 54.4#  |





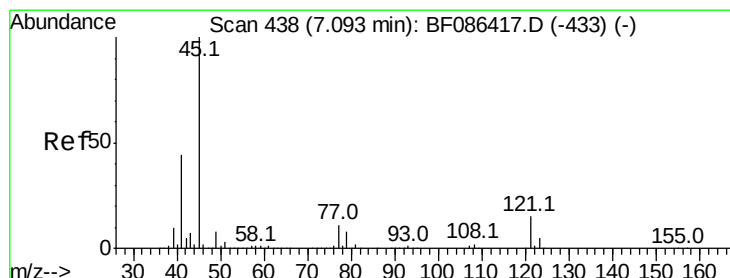
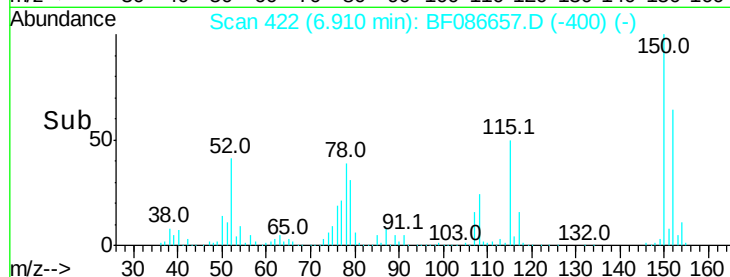
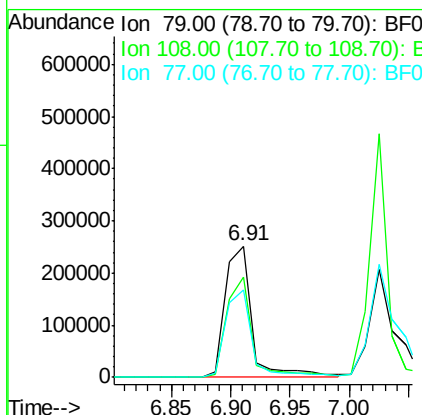
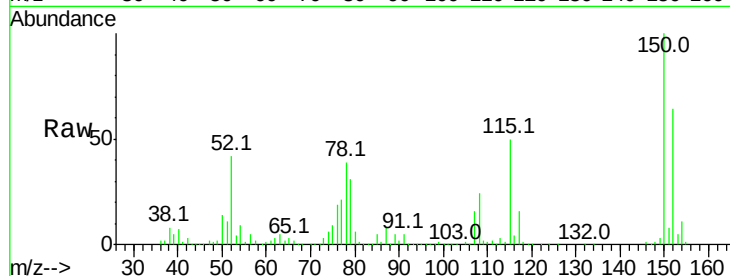
#15  
Benzyl Alcohol  
Concen: 41.27 ng  
RT: 6.91 min Scan# 422  
Delta R.T. -0.05 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 76.1  | 68.4  | 102.6 |
| 77      | 67.0  | 50.6  | 76.0  |

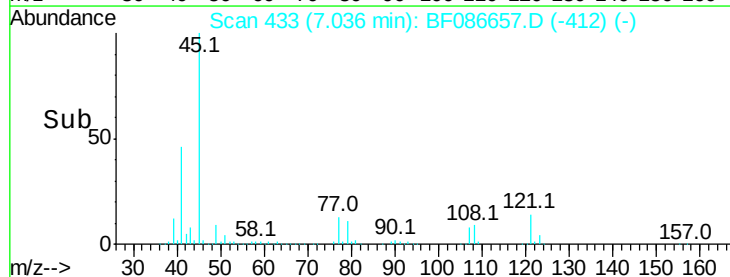
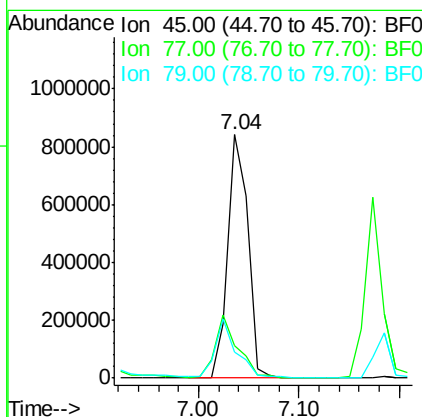
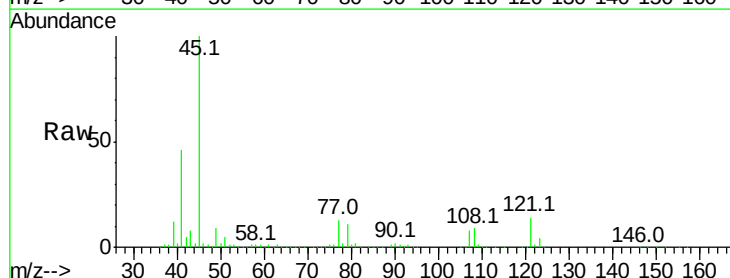
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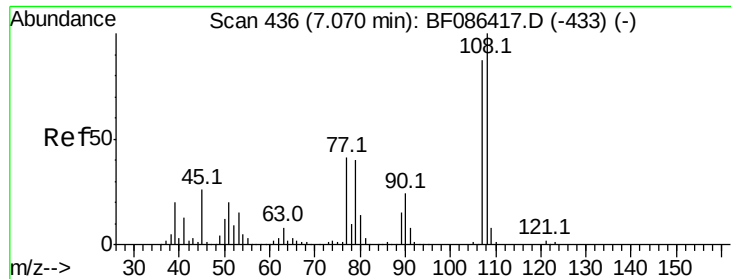
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.50 ng  
RT: 7.04 min Scan# 433  
Delta R.T. -0.06 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.2  | 0.0   | 36.4  |
| 79      | 10.6  | 0.0   | 33.4  |





#17

2-Methylphenol

Concen: 38.87 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

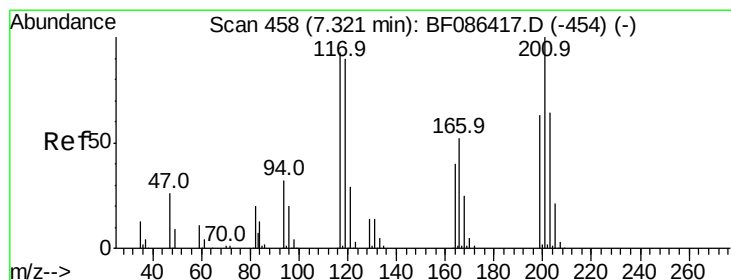
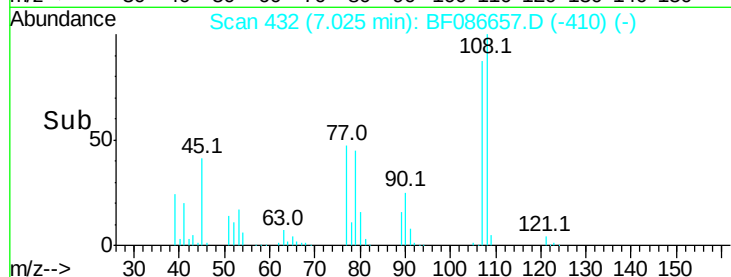
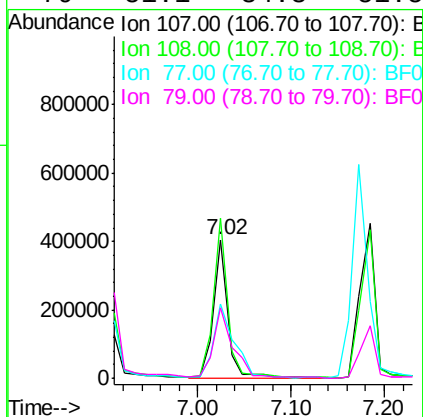
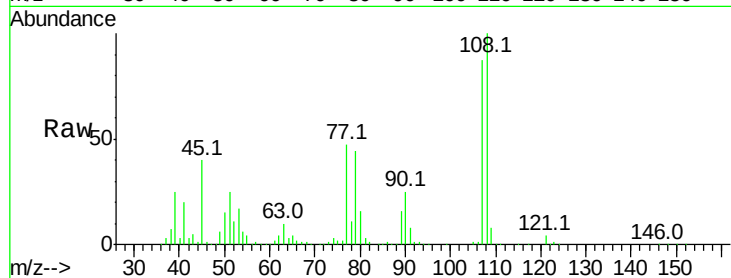
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 422269 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 115.4 | 93.7  | 140.5  |
| 77        | 53.7  | 33.4  | 50.0#  |
| 79        | 51.1  | 34.3  | 51.5   |

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#18

Hexachloroethane

Concen: 33.27 ng

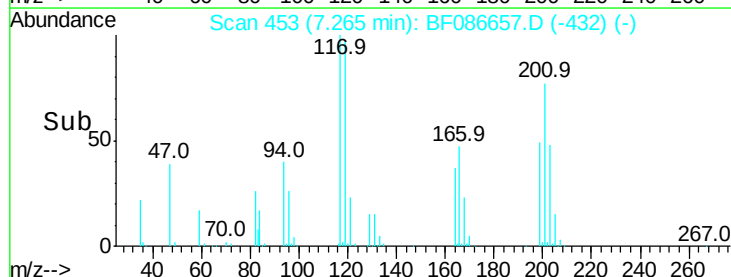
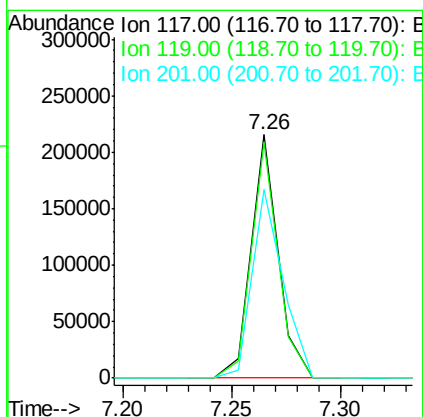
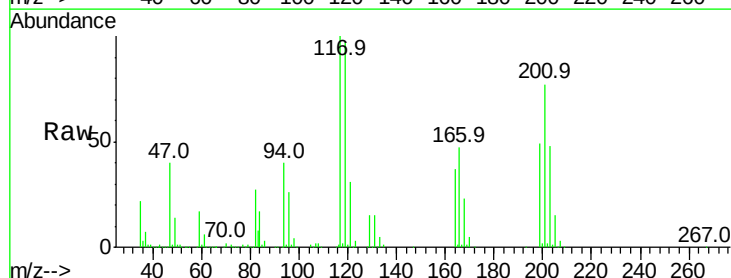
RT: 7.26 min Scan# 453

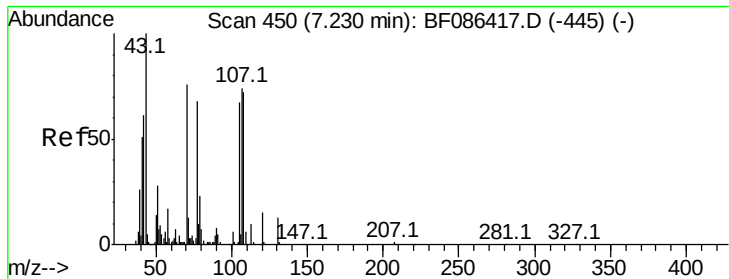
Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 185460 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.7  | 76.5  | 114.7  |
| 201       | 77.2  | 63.0  | 94.6   |





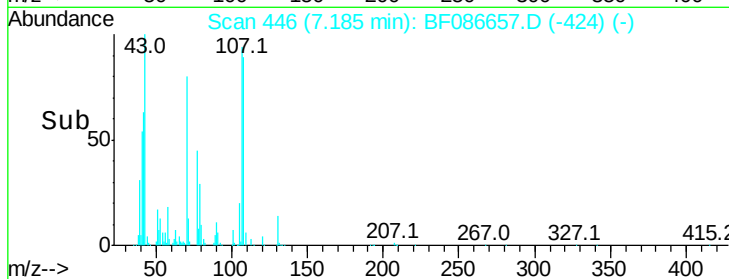
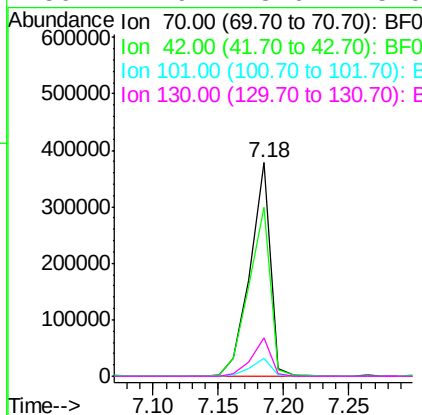
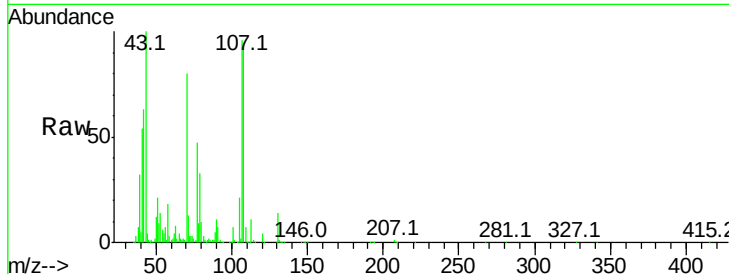
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.28 ng  
RT: 7.18 min Scan# 446  
Delta R.T. -0.05 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 79.3  | 43.1  | 64.7# |
| 101     | 8.7   | 8.1   | 12.1  |
| 130     | 17.9  | 18.6  | 28.0# |

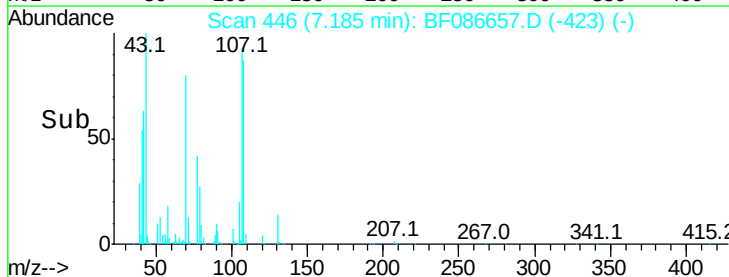
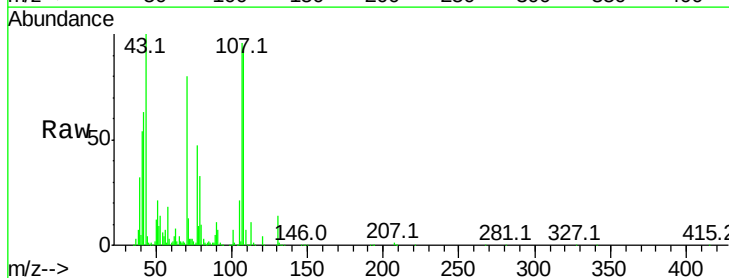
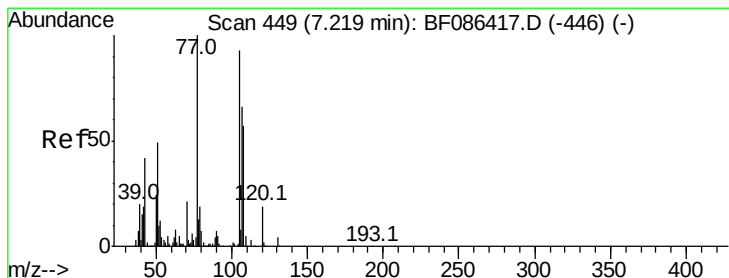
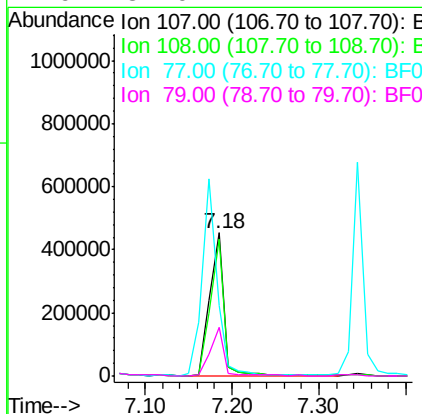
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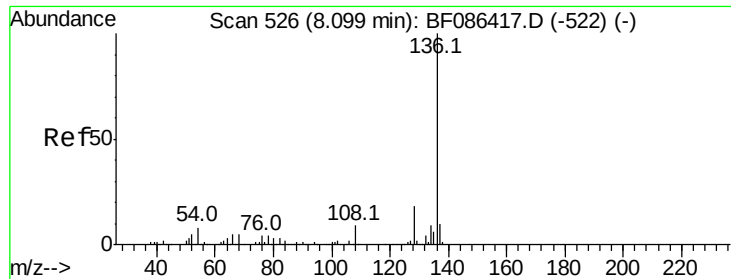
sohil  
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#20  
3+4-Methylphenols  
Concen: 41.93 ng  
RT: 7.18 min Scan# 446  
Delta R.T. -0.03 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 95.9  | 68.5  | 108.5  |
| 77      | 49.3  | 101.6 | 141.6# |
| 79      | 34.0  | 7.4   | 47.4   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

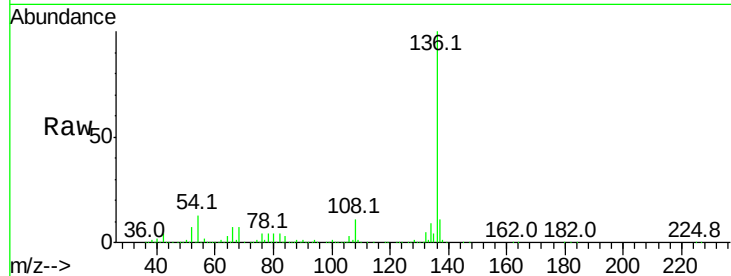
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 737343 |       |       |
| 137     | 11.2  | 8.8    | 13.2  |       |
| 54      | 12.7  | 5.0    | 7.4#  |       |
| 68      | 7.2   | 4.4    | 6.6#  |       |

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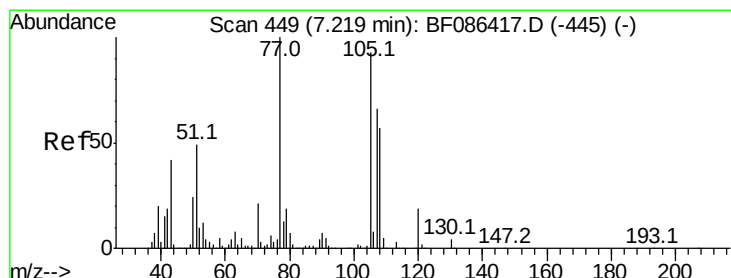
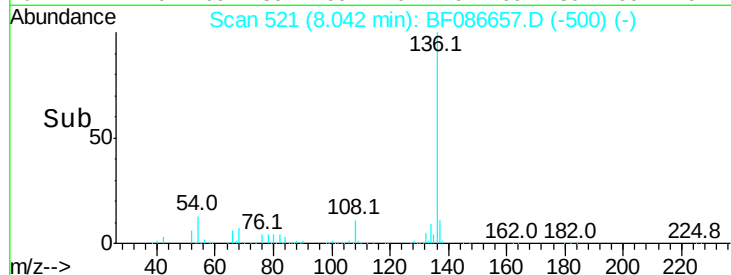
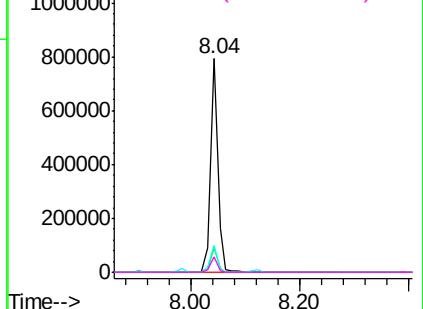


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.82 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

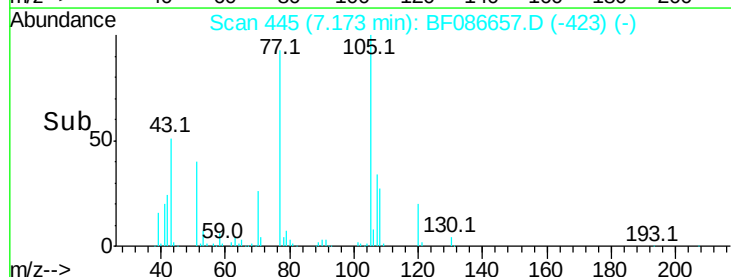
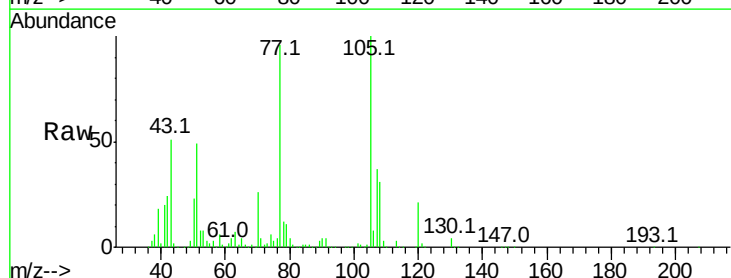
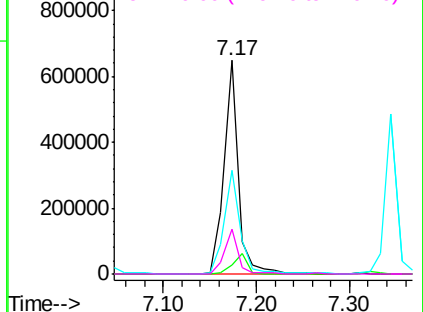
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 692260 |       |       |
| 71      | 4.4   | 4.8    | 7.2#  |       |
| 51      | 48.5  | 32.6   | 49.0  |       |
| 120     | 20.7  | 16.5   | 24.7  |       |

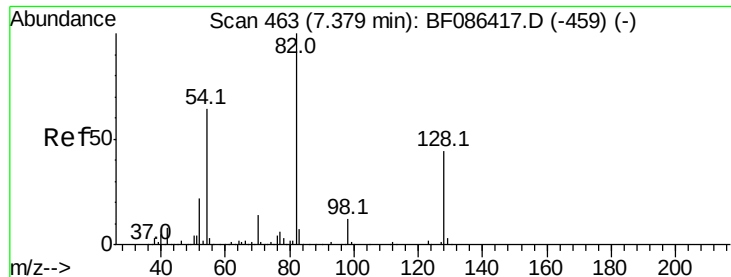
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





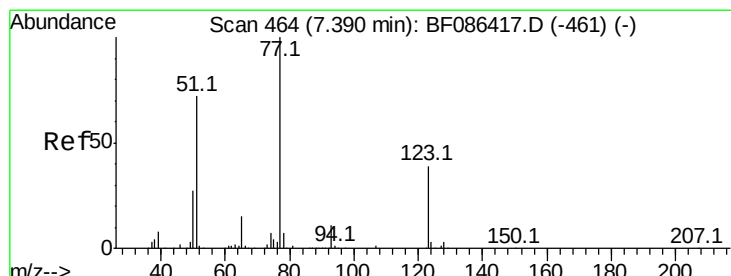
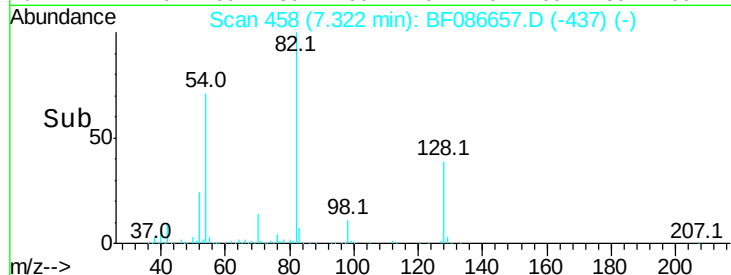
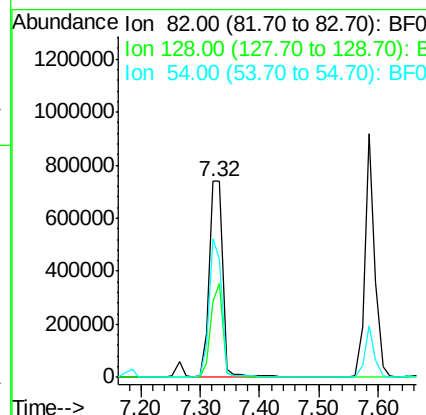
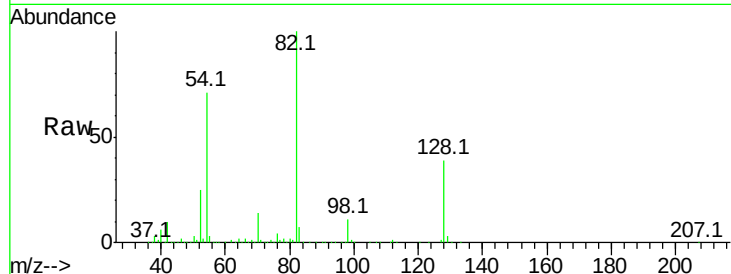
#23  
 Nitrobenzene-d5  
 Concen: 87.86 ng  
 RT: 7.32 min Scan# 458  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion: 82 Resp: 1201945  
 Ion Ratio Lower Upper  
 82 100  
 128 38.9 40.6 61.0#  
 54 70.8 38.1 57.1#

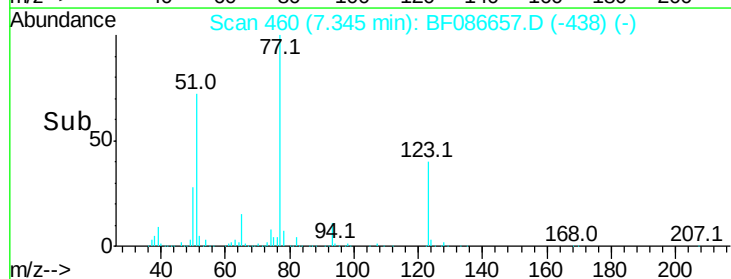
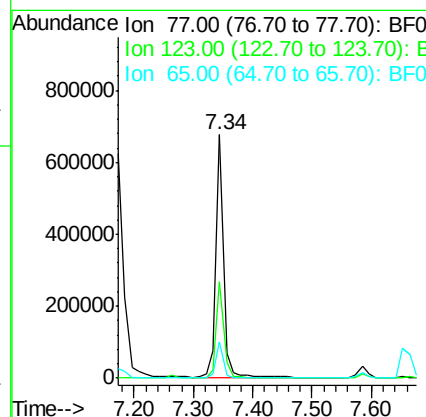
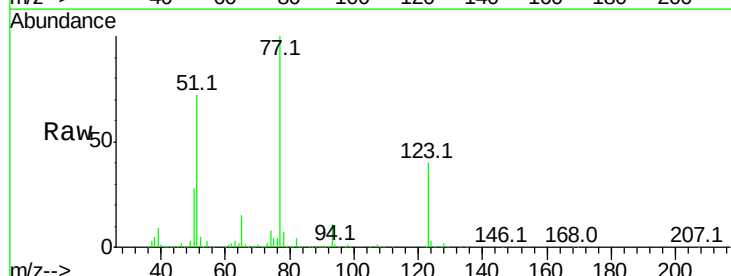
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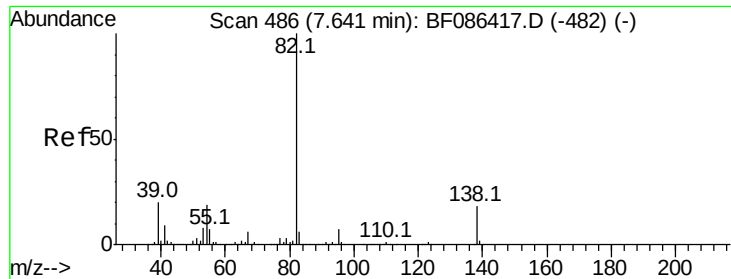


#24  
 Nitrobenzene  
 Concen: 42.85 ng  
 RT: 7.34 min Scan# 460  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Tgt Ion: 77 Resp: 602938  
 Ion Ratio Lower Upper  
 77 100  
 123 39.5 33.0 49.4  
 65 15.0 10.8 16.2







#25

Isophorone

Concen: 39.16 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1030946

Ion Ratio Lower Upper

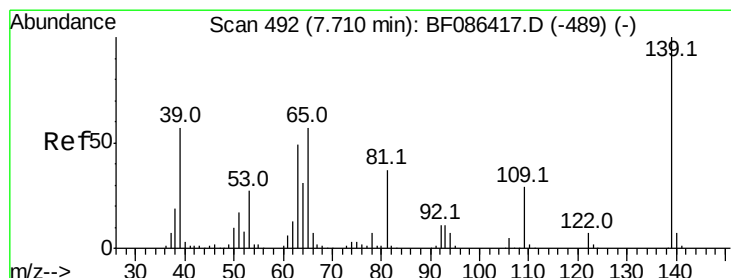
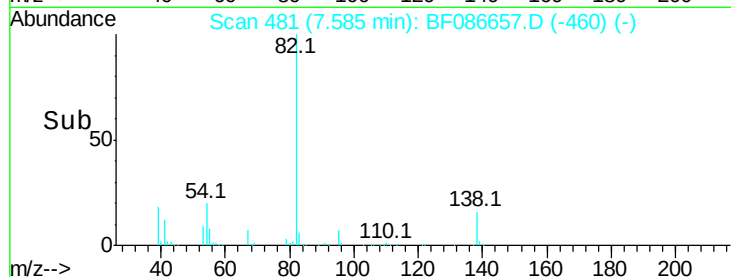
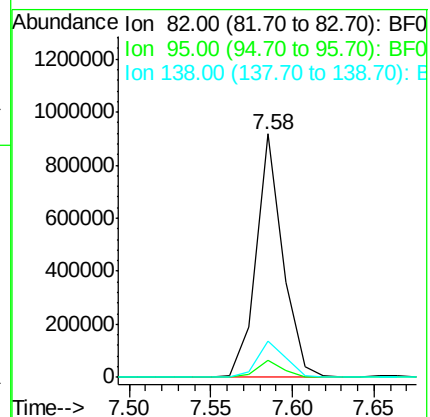
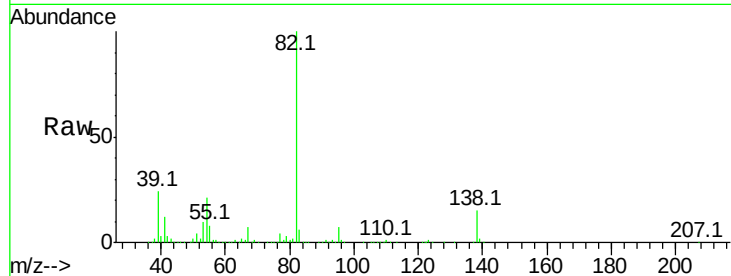
82 100

95 6.8 5.1 7.7

138 15.1 12.4 18.6

Manual Integrations  
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#26

2-Nitrophenol

Concen: 31.56 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

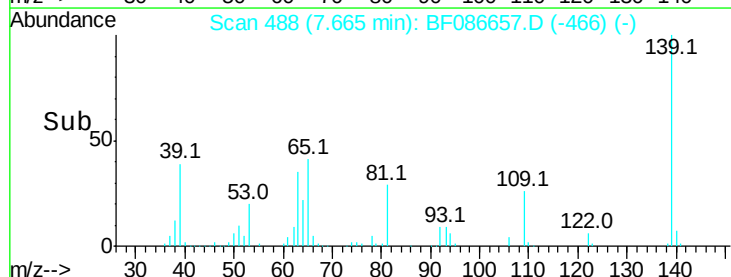
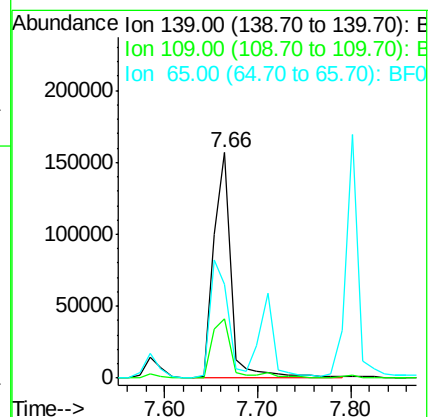
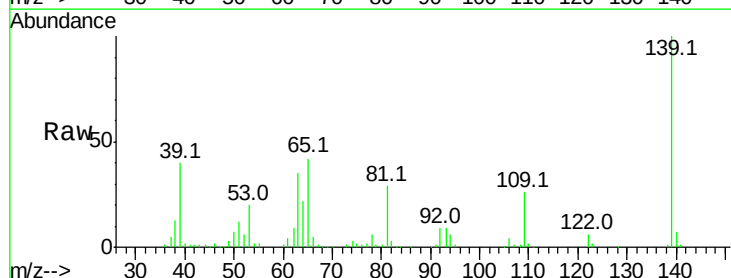
Tgt Ion: 139 Resp: 204463

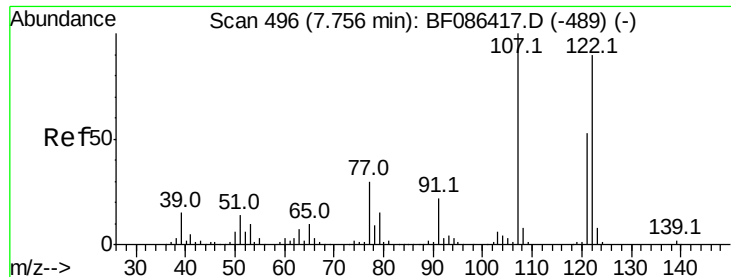
Ion Ratio Lower Upper

139 100

109 26.2 19.5 29.3

65 41.7 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 43.06 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

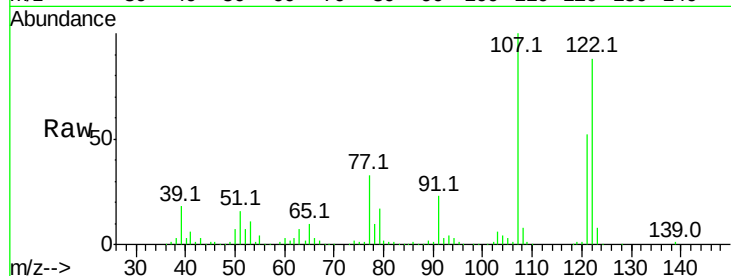
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 489495 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 114.0 | 82.0  | 123.0  |
| 121       | 59.2  | 46.1  | 69.1   |

Manual Integrations  
APPROVED

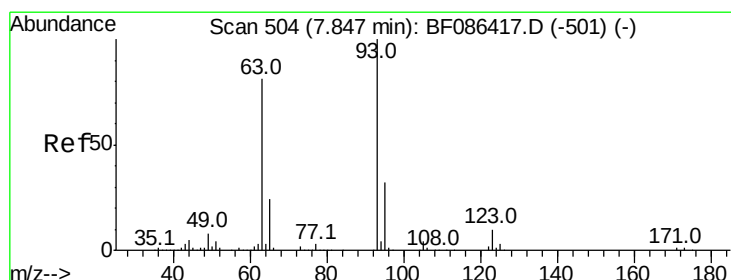
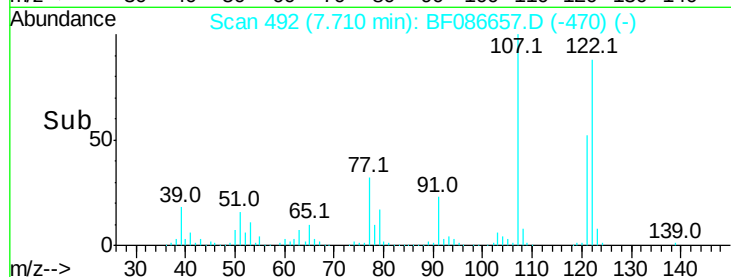
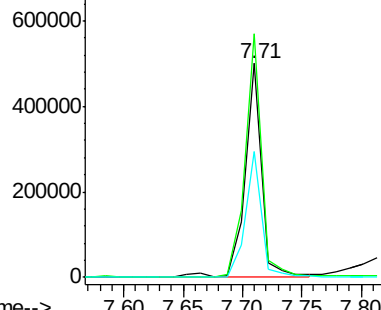
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.68 ng

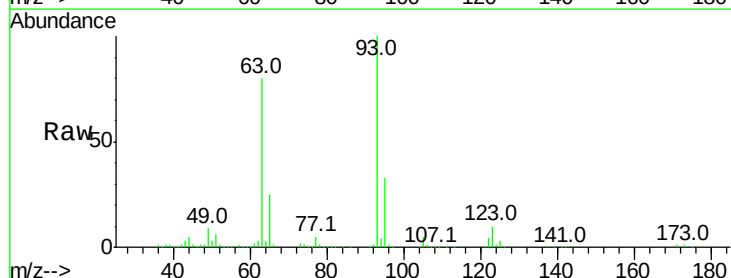
RT: 7.80 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

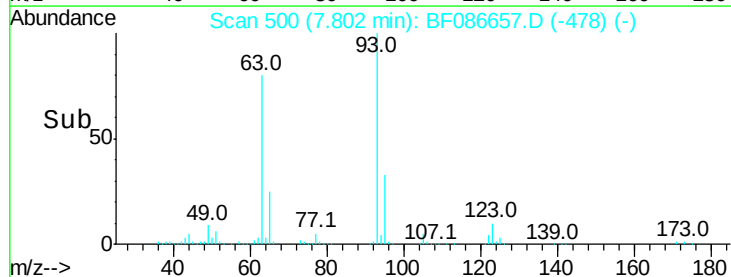
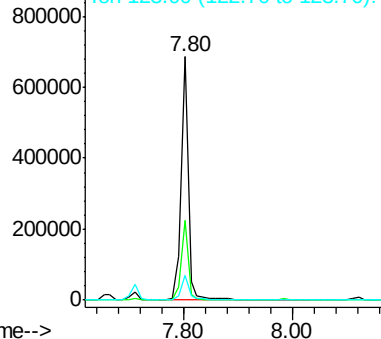
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 626460 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.6  | 26.0  | 39.0   |
| 123       | 10.2  | 9.5   | 14.3   |

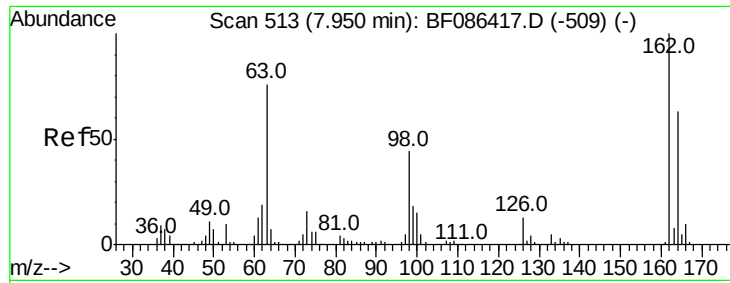


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





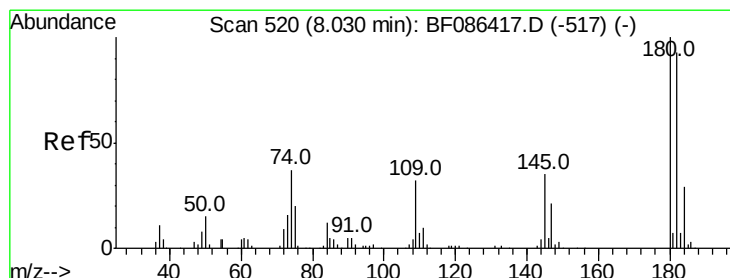
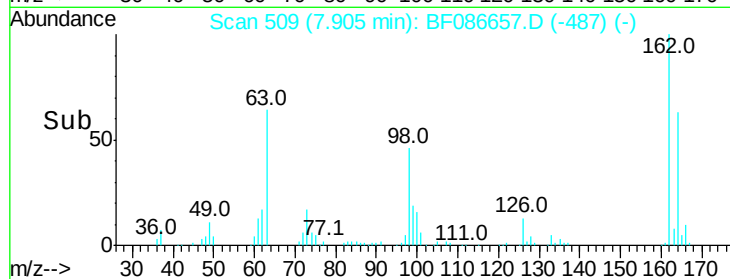
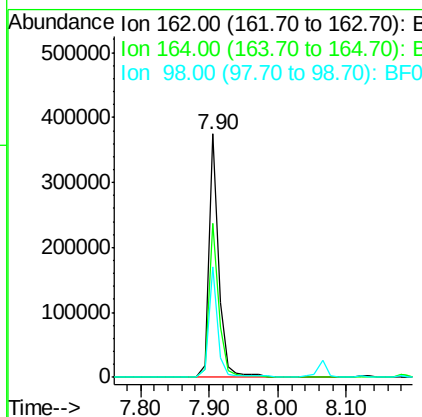
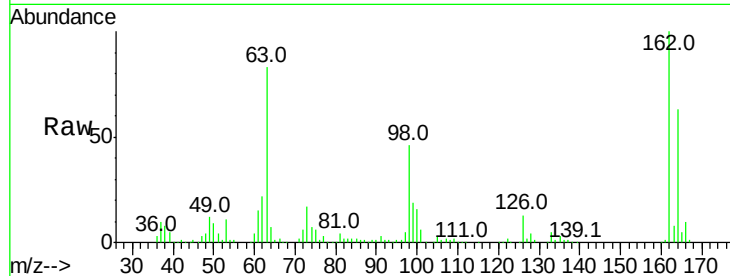
#29  
 2,4-Dichlorophenol  
 Concen: 39.74 ng  
 RT: 7.90 min Scan# 509  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 381134 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.5  | 42.2  | 82.2   |
| 98        | 45.6  | 19.0  | 59.0   |

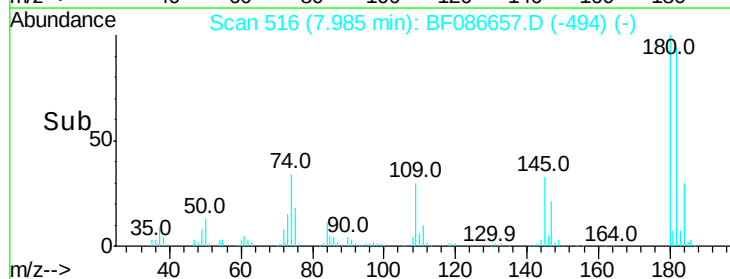
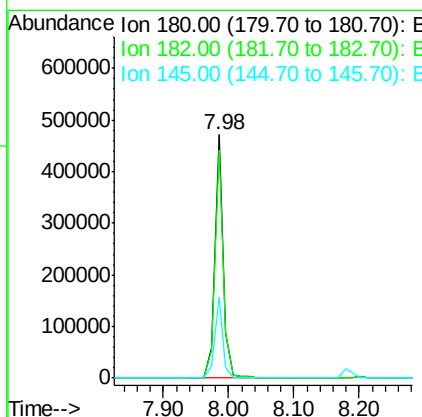
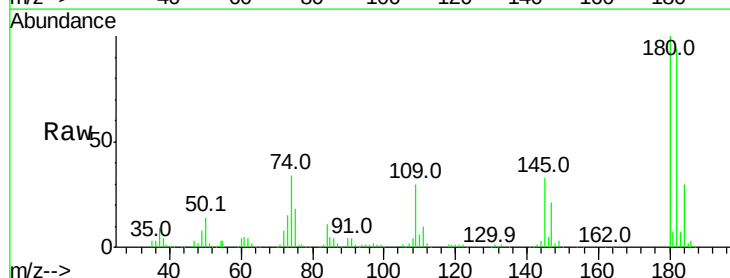
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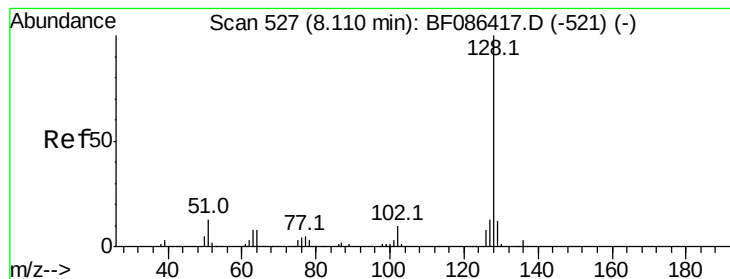
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.29 ng  
 RT: 7.98 min Scan# 516  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 437202 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.0  | 78.0  | 117.0  |
| 145       | 33.4  | 24.2  | 36.2   |





#31

Naphthalene

Concen: 37.24 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1397192

Ion Ratio Lower Upper

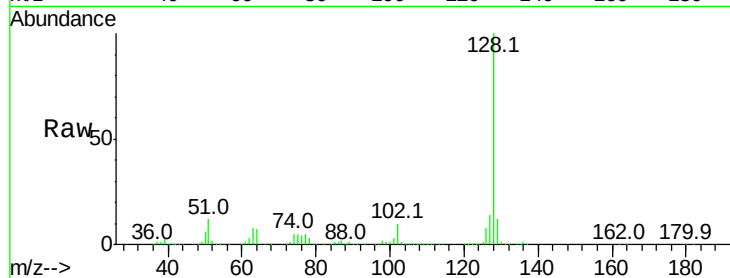
128 100

129 11.7 8.6 13.0

127 13.9 10.8 16.2

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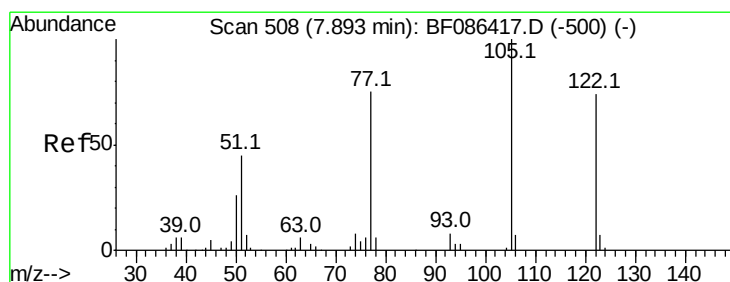
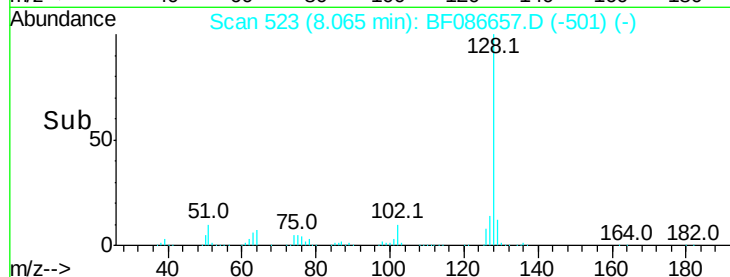
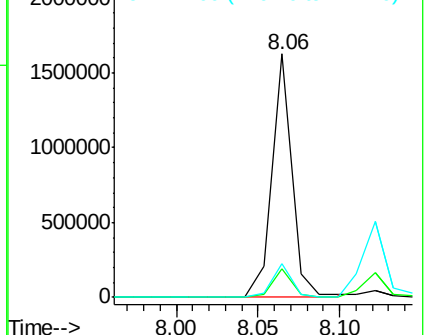
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.31 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.07 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

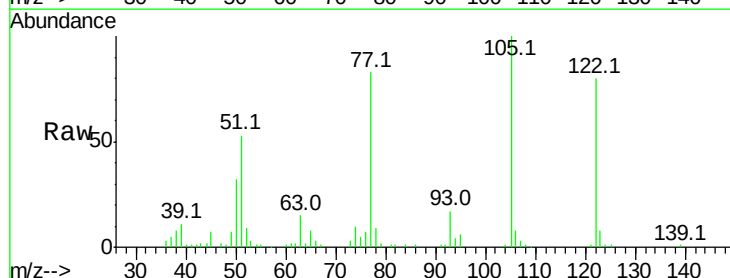
Tgt Ion:122 Resp: 139224

Ion Ratio Lower Upper

122 100

105 125.7 92.6 132.6

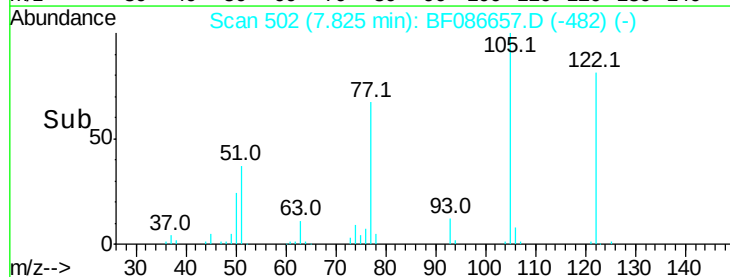
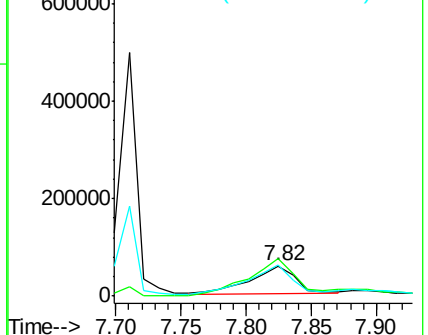
77 103.7 60.0 100.0#

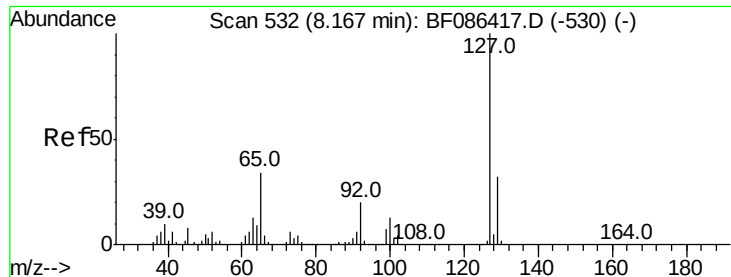


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





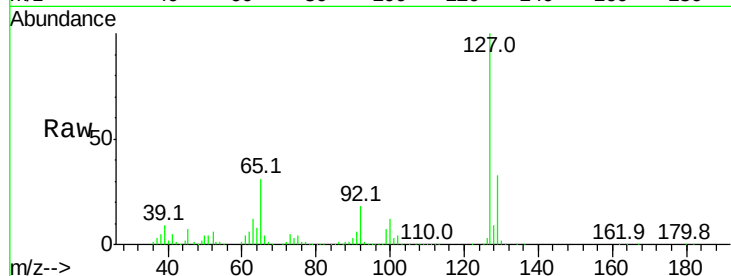
#33  
4-Chloroaniline  
Concen: 42.08 ng  
RT: 8.12 min Scan# 528  
Delta R.T. -0.05 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

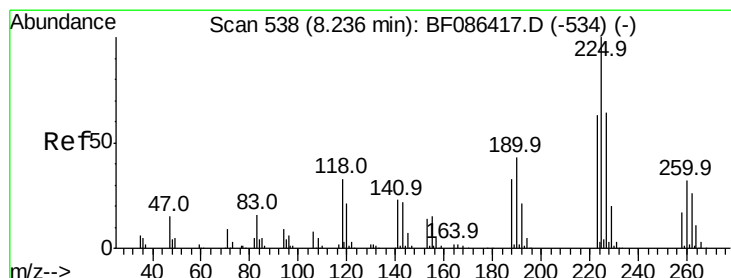
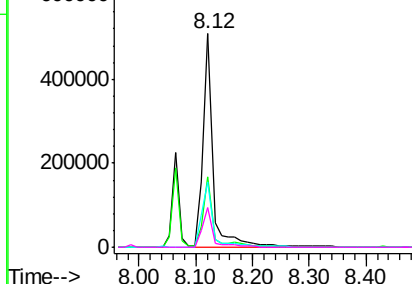
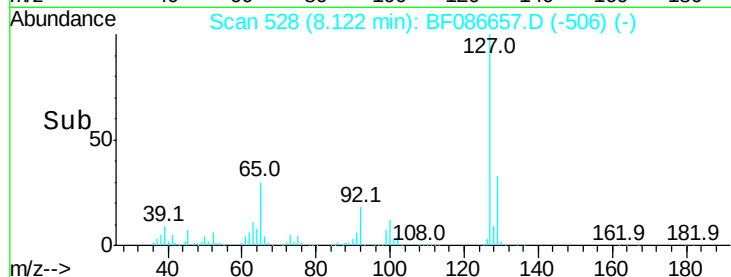
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 32.8  | 26.2       | 39.4  |
| 65      | 30.5  | 23.0       | 34.4  |
| 92      | 18.4  | 15.1       | 22.7  |

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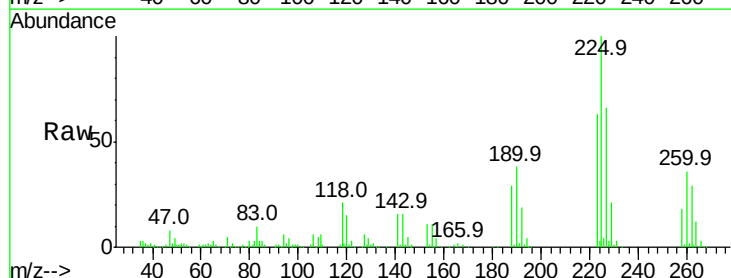


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

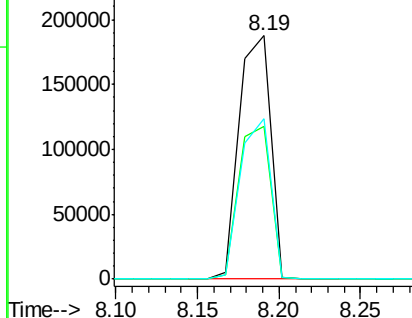
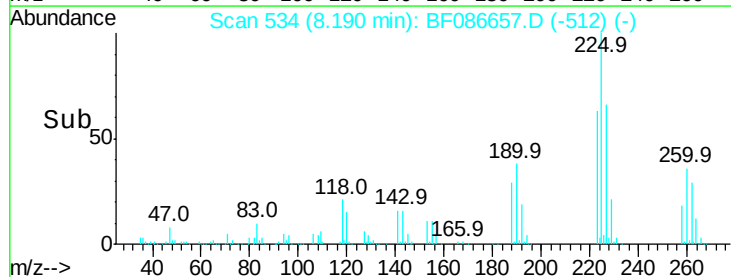


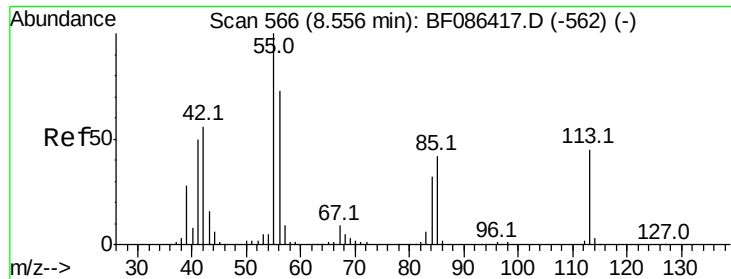
#34  
Hexachlorobutadiene  
Concen: 40.14 ng  
RT: 8.19 min Scan# 534  
Delta R.T. -0.05 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 62.8  | 51.5       | 77.3  |
| 227     | 65.8  | 52.2       | 78.2  |



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





#35

Caprolactam

Concen: 36.05 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

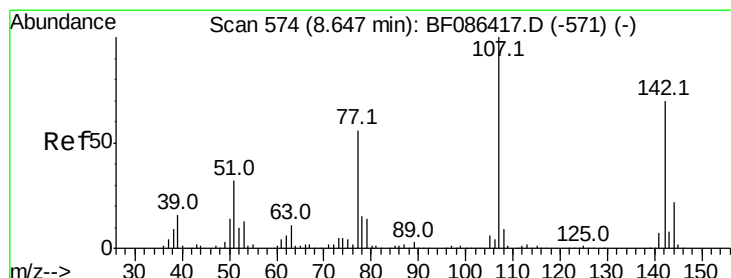
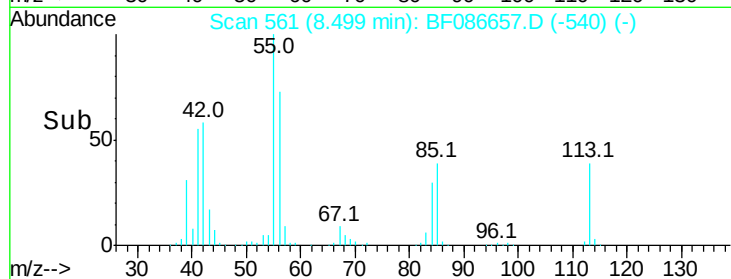
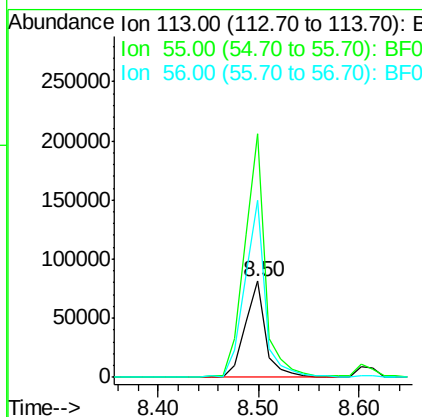
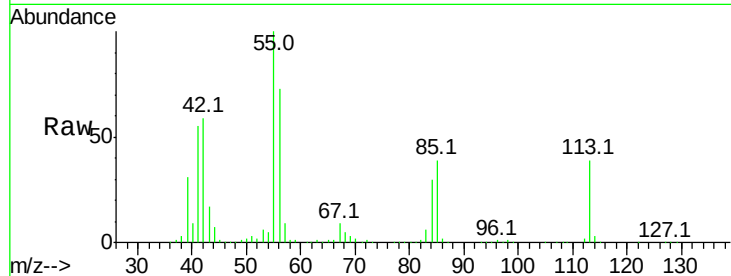
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 113     | 100   |       |        |       |
| 55      | 253.6 | 162.0 | 202.0# |       |
| 56      | 184.2 | 115.3 | 155.3# |       |

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#36

4-Chloro-3-methylphenol

Concen: 36.97 ng

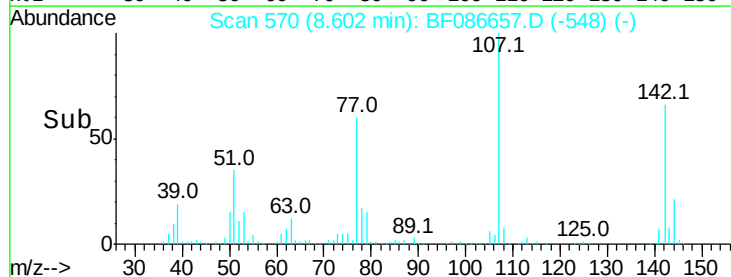
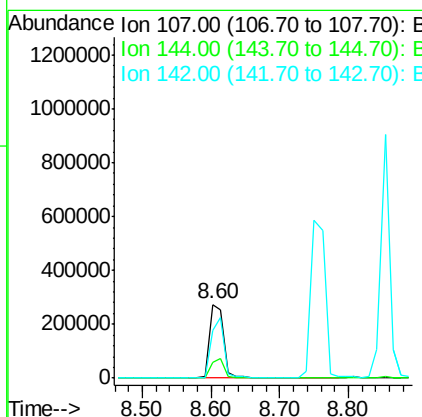
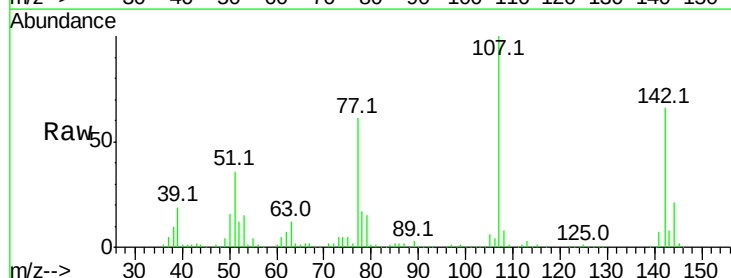
RT: 8.60 min Scan# 570

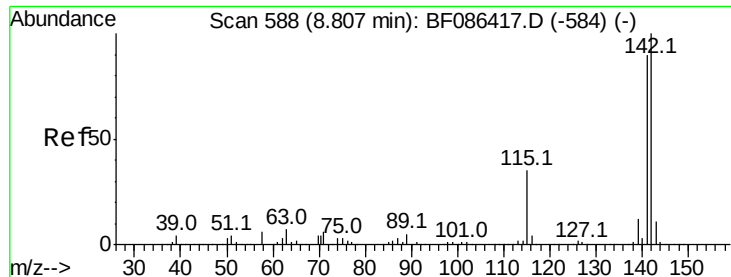
Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 144     | 21.0  | 20.7 | 31.1  |       |
| 142     | 65.7  | 63.2 | 94.8  |       |





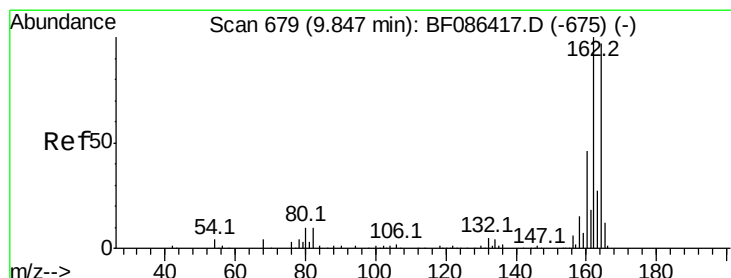
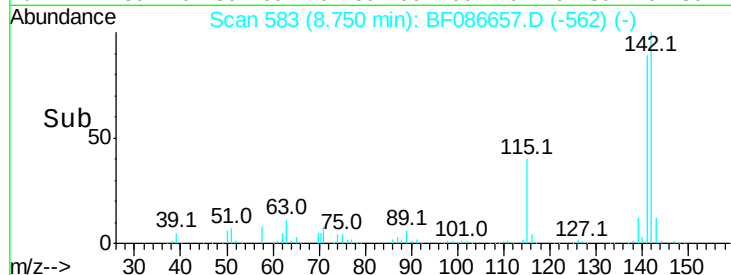
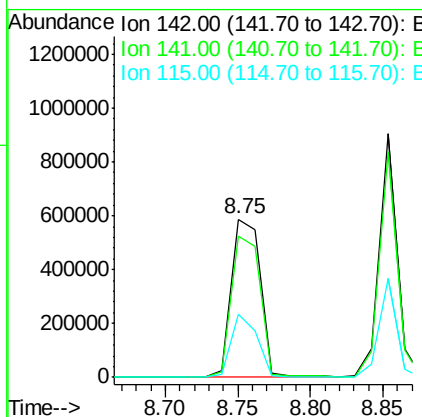
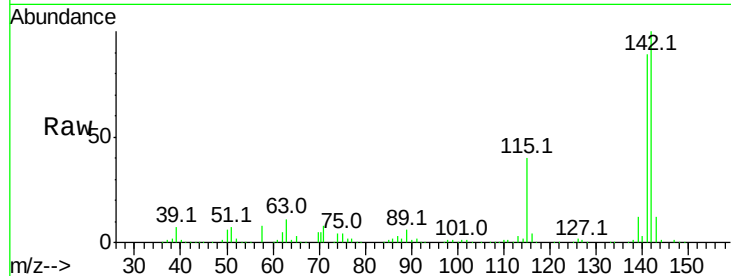
#37  
 2-Methylnaphthalene  
 Concen: 36.93 ng  
 RT: 8.75 min Scan# 583  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 817675 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.9  | 71.0  | 106.6  |
| 115       | 39.7  | 26.6  | 39.8   |

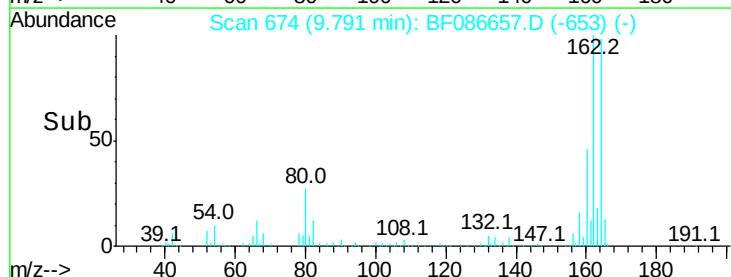
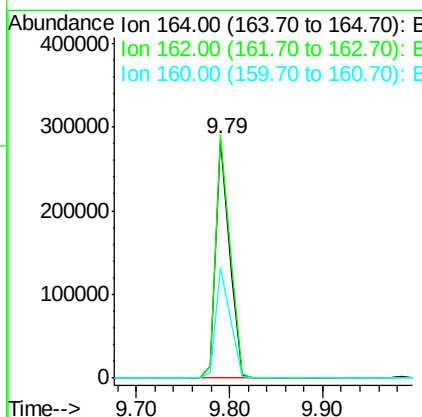
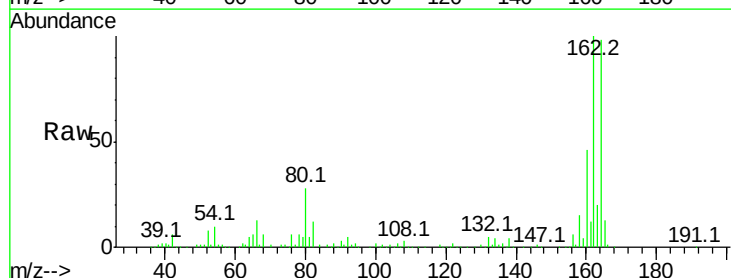
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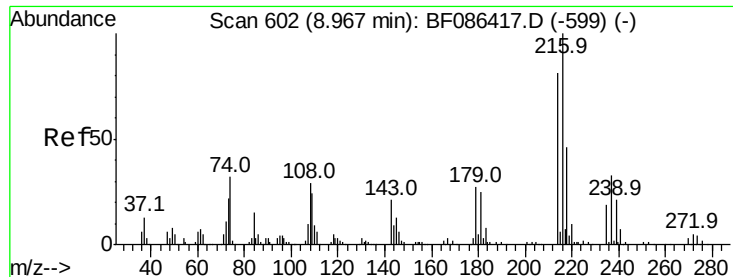
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.79 min Scan# 674  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 291978 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.9 | 82.8  | 124.2  |
| 160       | 46.4  | 36.9  | 55.3   |





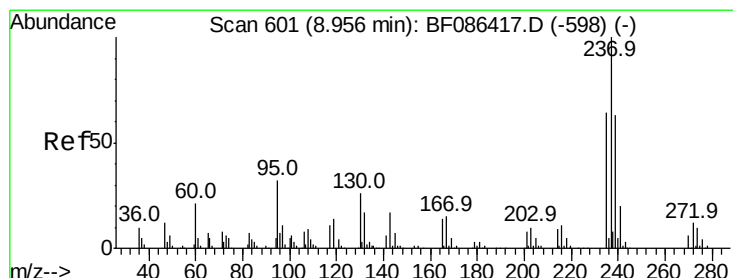
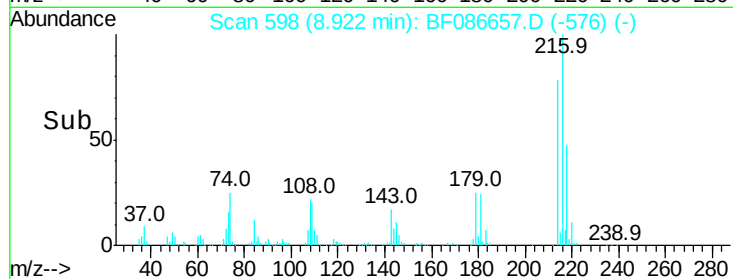
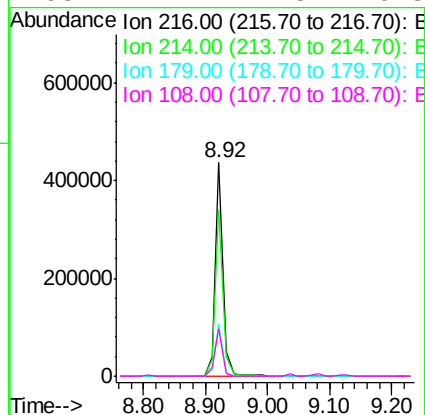
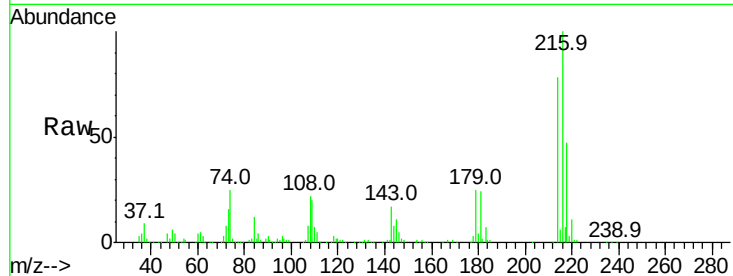
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.06 ng  
 RT: 8.92 min Scan# 598  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC040EC

Manual Integrations  
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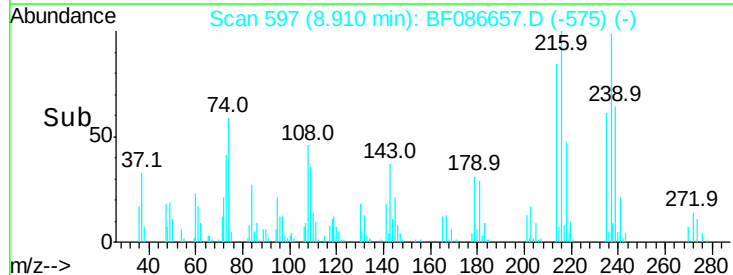
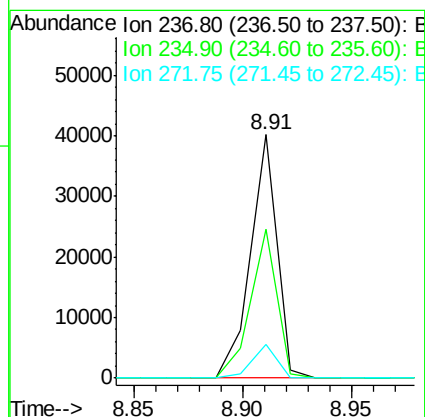
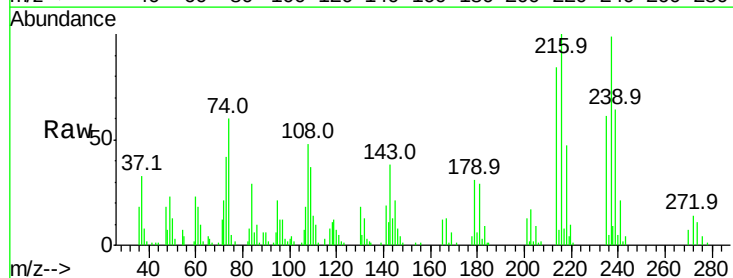
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 216   | Resp: | 376559 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.0  | 62.6  | 93.8   |
| 179       | 24.1  | 18.2  | 27.4   |
| 108       | 22.7  | 17.5  | 26.3   |

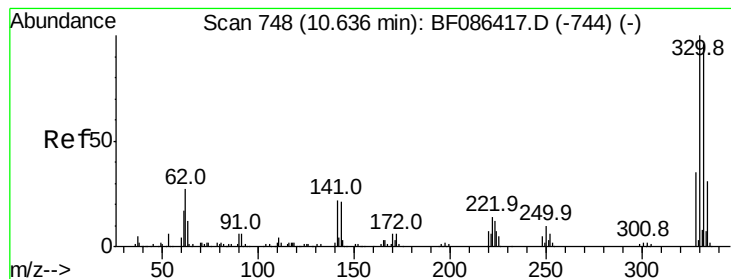


#40  
 Hexachlorocyclopentadiene  
 Concen: 8.17 ng  
 RT: 8.91 min Scan# 597  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 33914 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 61.0  | 47.2  | 87.2  |
| 272       | 13.7  | 0.0   | 31.1  |







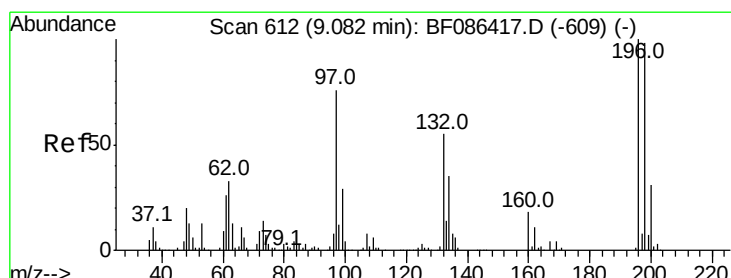
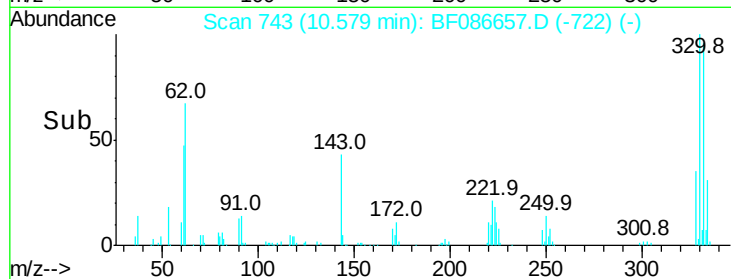
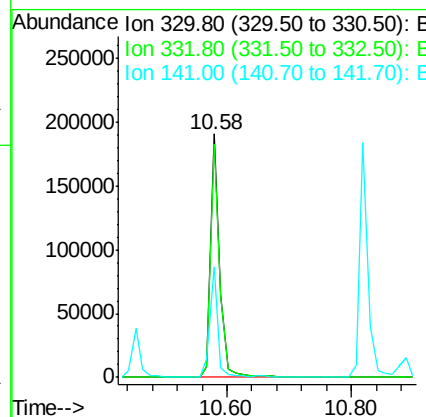
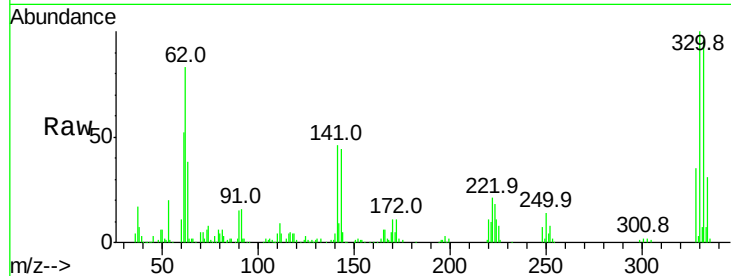
#41  
 2,4,6-Tribromophenol  
 Concen: 63.59 ng  
 RT: 10.58 min Scan# 743  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 195811 |       |       |
| 332     | 96.6  | 79.0   | 118.4 |       |
| 141     | 39.2  | 31.2   | 46.8  |       |

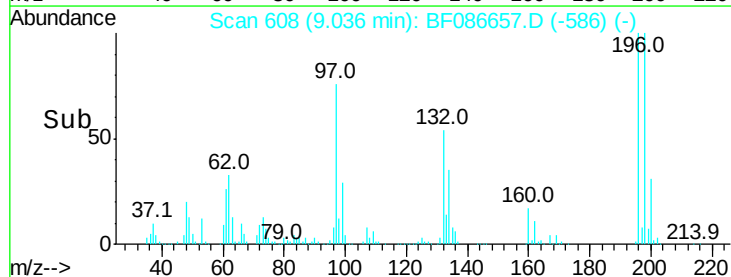
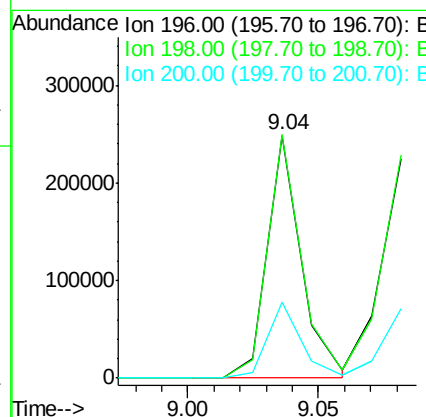
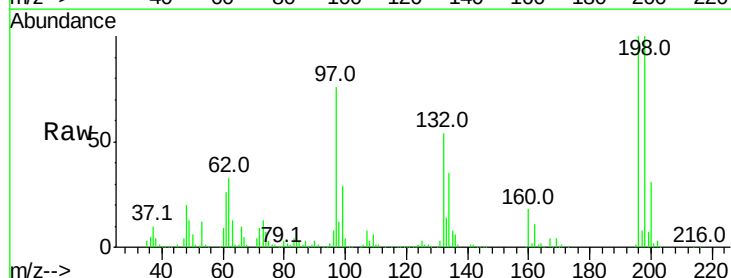
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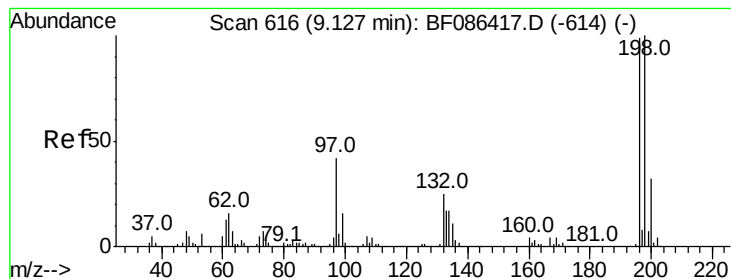
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#42  
 2,4,6-Trichlorophenol  
 Concen: 43.06 ng  
 RT: 9.04 min Scan# 608  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 227504 |       |       |
| 198     | 100.2 | 74.7   | 112.1 |       |
| 200     | 31.4  | 23.8   | 35.6  |       |





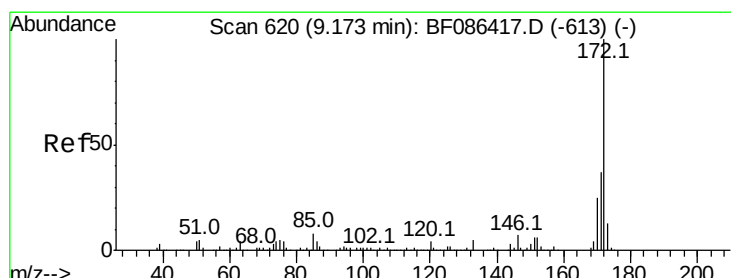
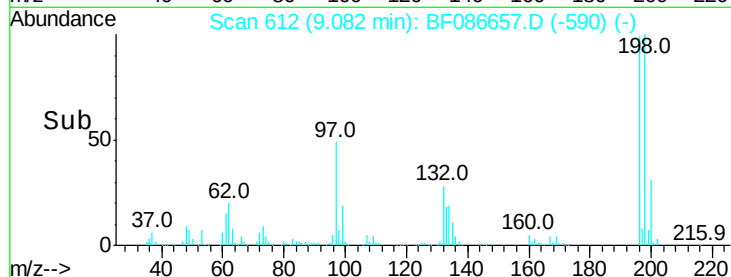
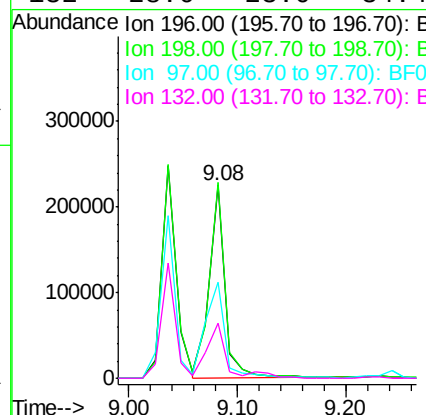
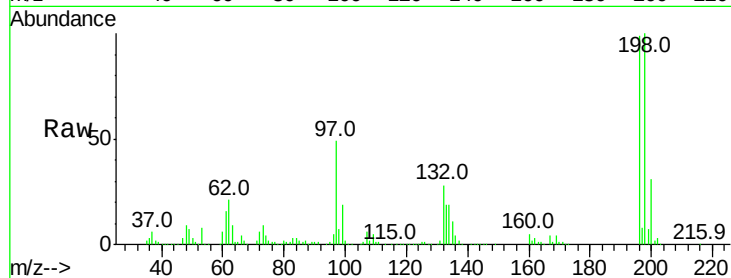
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.10 ng  
 RT: 9.08 min Scan# 612  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion   | 196   | Resp  | 230928 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 101.4 | 77.5  | 116.3  |
| 97        | 50.0  | 34.8  | 52.2   |
| 132       | 28.6  | 23.0  | 34.4   |

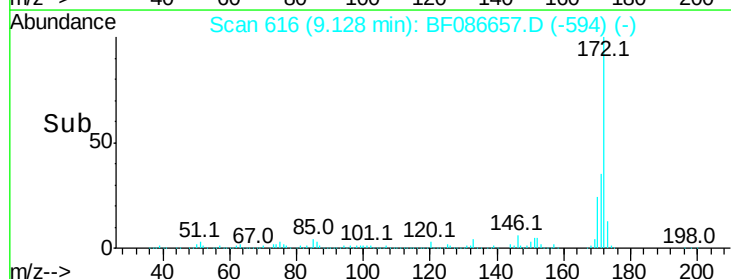
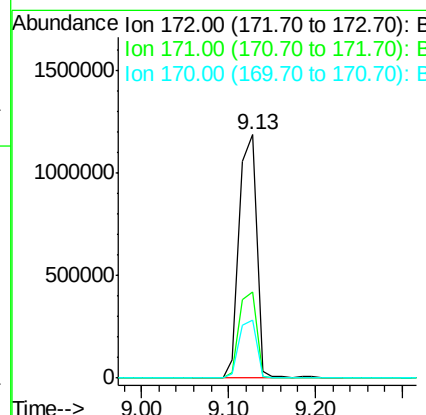
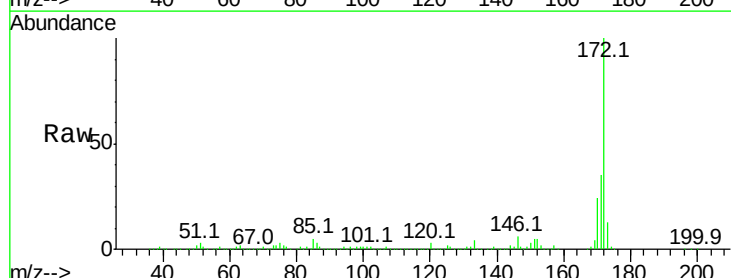
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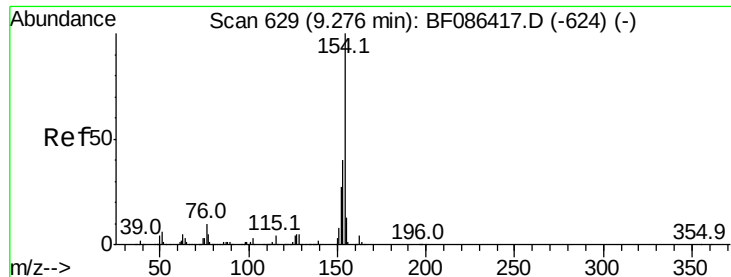
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#44  
 2-Fluorobiphenyl  
 Concen: 103.01 ng  
 RT: 9.13 min Scan# 616  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

| Tgt Ion   | 172   | Resp  | 1645103 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 35.2  | 29.0  | 43.6    |
| 170       | 23.9  | 19.8  | 29.8    |





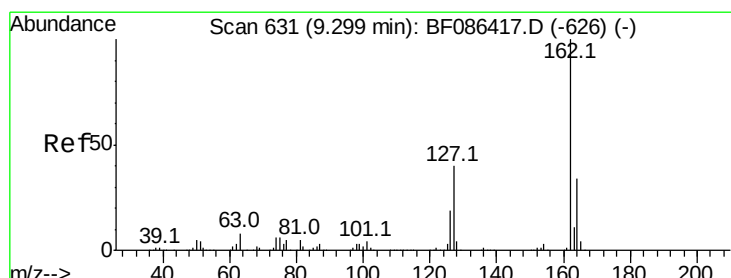
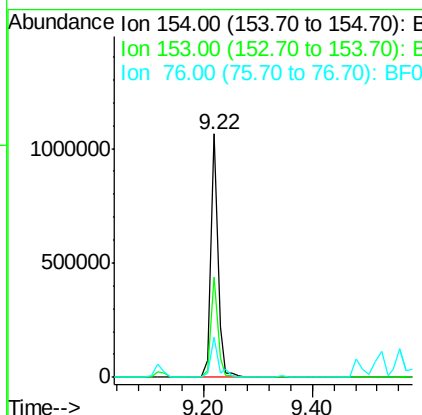
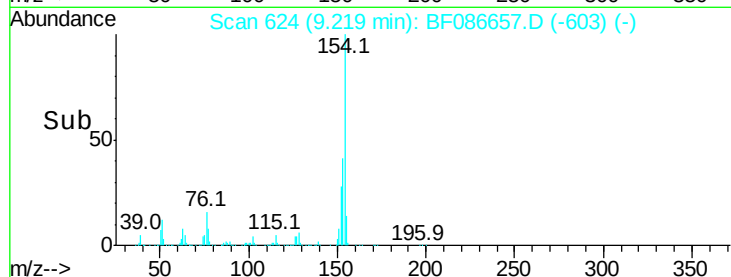
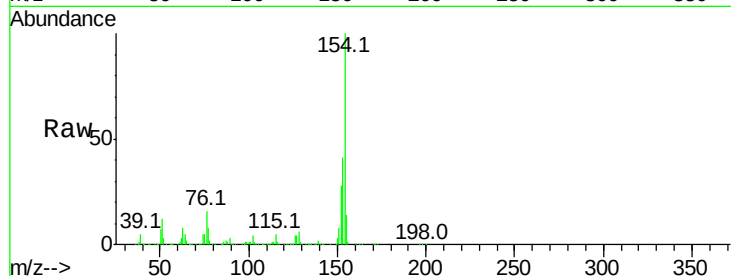
#45  
 1,1'-Biphenyl  
 Concen: 40.33 ng  
 RT: 9.22 min Scan# 624  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 41.2  | 20.3 | 60.3  |       |
| 76      | 16.3  | 0.0  | 30.2  |       |

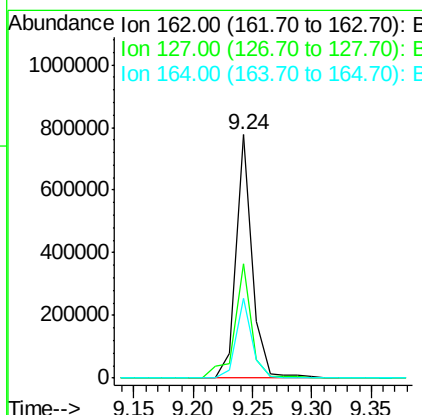
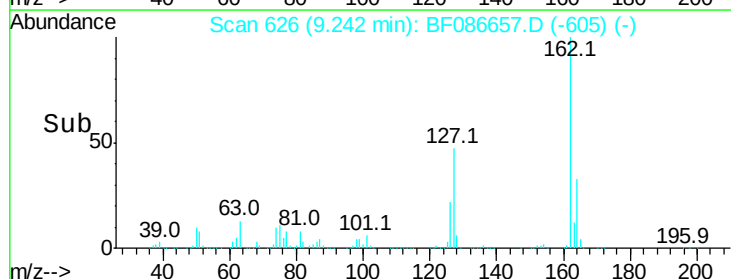
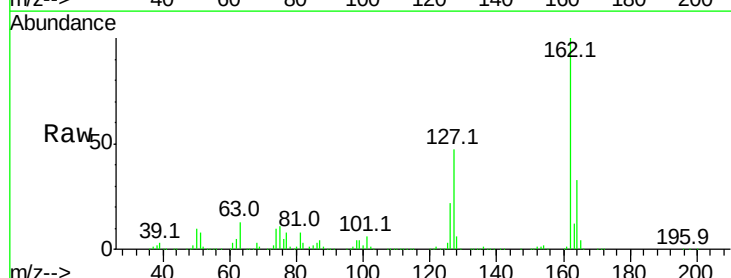
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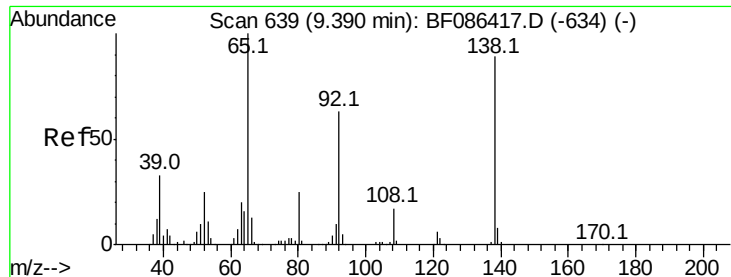
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#46  
 2-Chloronaphthalene  
 Concen: 39.78 ng  
 RT: 9.24 min Scan# 626  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 46.8  | 31.8 | 47.6  |       |
| 164     | 32.7  | 27.0 | 40.6  |       |





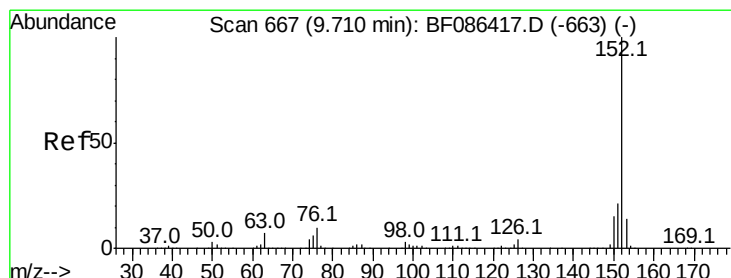
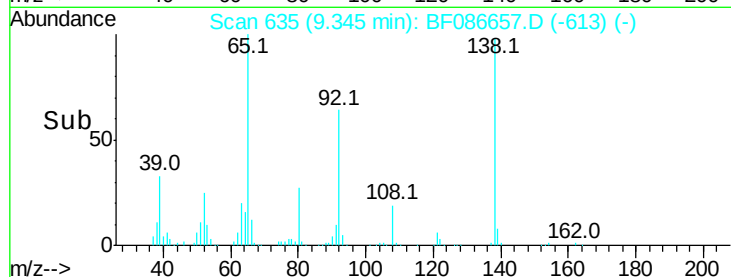
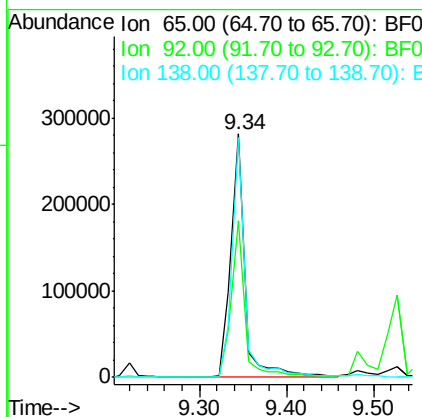
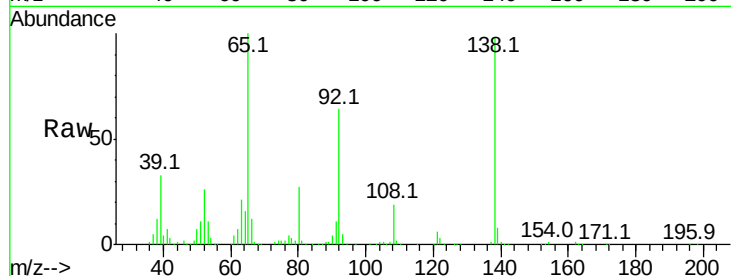
#47  
2-Nitroaniline  
Concen: 53.65 ng  
RT: 9.34 min Scan# 635  
Delta R.T. -0.05 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.3  | 57.4  | 86.2  |
| 138     | 98.3  | 90.1  | 135.1 |

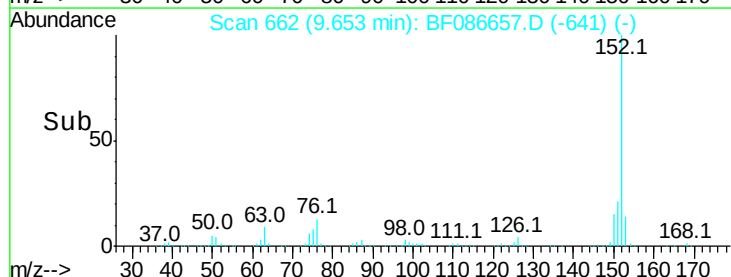
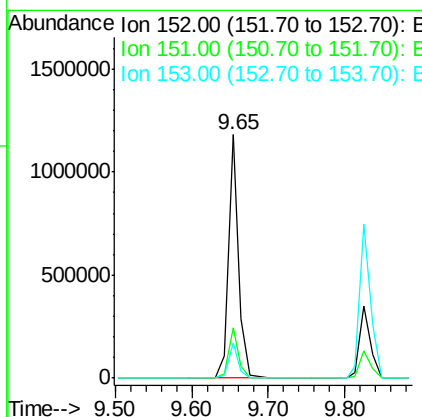
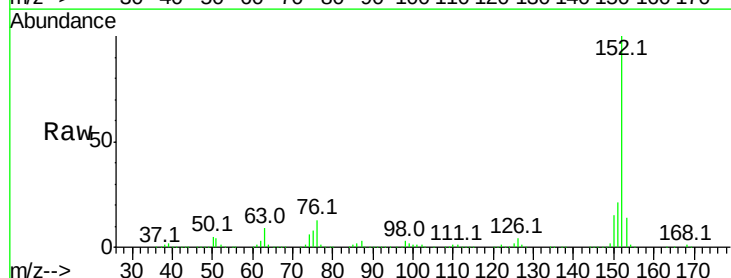
Manual Integrations  
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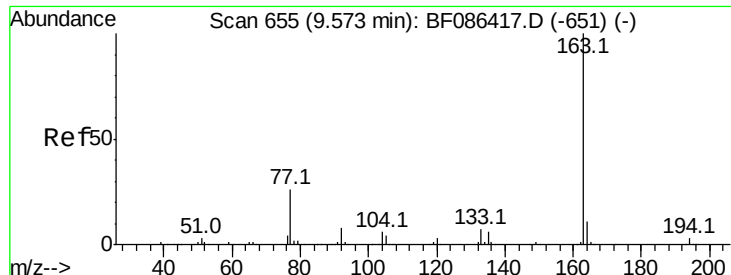
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#48  
Acenaphthylene  
Concen: 38.03 ng  
RT: 9.65 min Scan# 662  
Delta R.T. -0.06 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.7  | 16.8  | 25.2  |
| 153     | 14.4  | 10.9  | 16.3  |





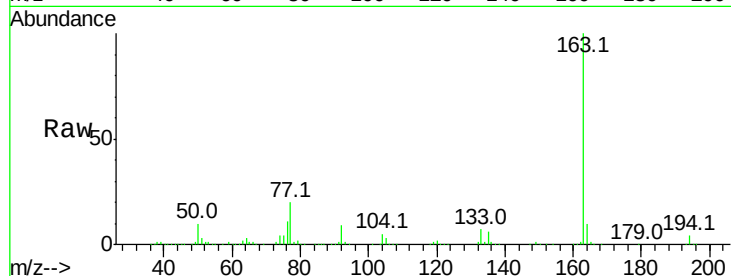
#49  
Dimethylphthalate  
Concen: 46.51 ng  
RT: 9.53 min Scan# 651  
Delta R.T. -0.05 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

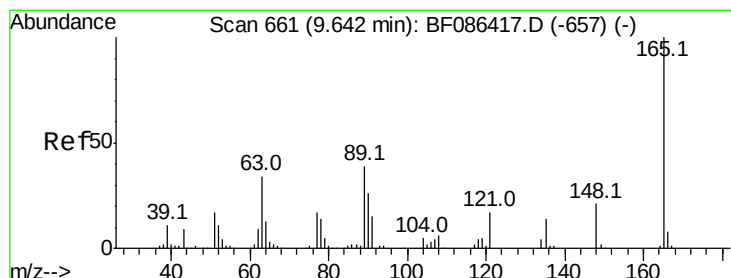
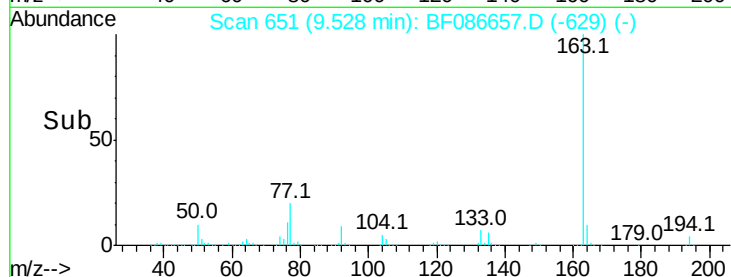
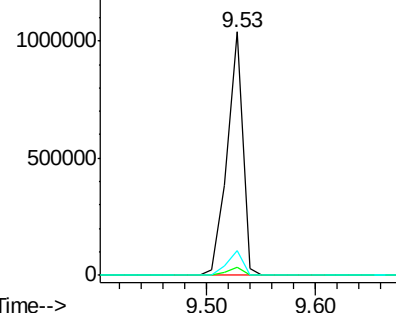
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.5   | 2.6   | 4.0   |
| 164     | 10.1  | 8.2   | 12.4  |

Manual Integrations  
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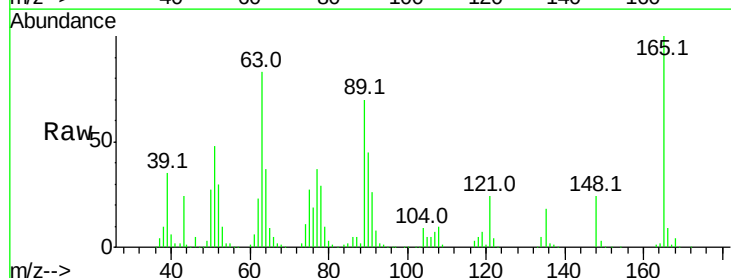


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

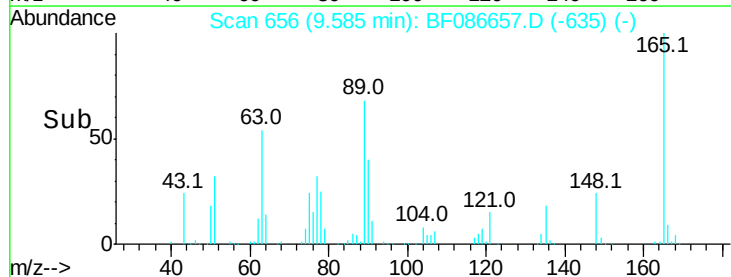
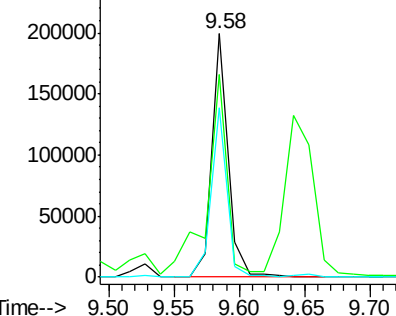


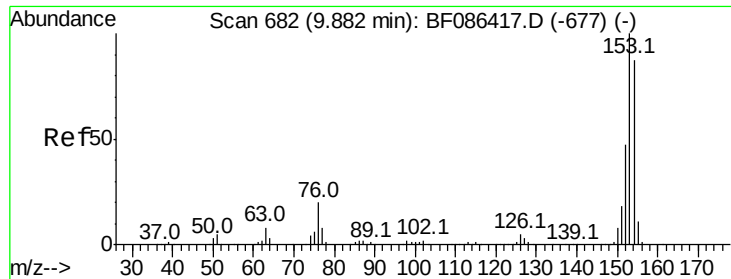
#50  
2,6-Dinitrotoluene  
Concen: 38.40 ng  
RT: 9.58 min Scan# 656  
Delta R.T. -0.06 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 83.4  | 51.8  | 77.8# |
| 89      | 69.5  | 50.7  | 76.1  |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.58 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

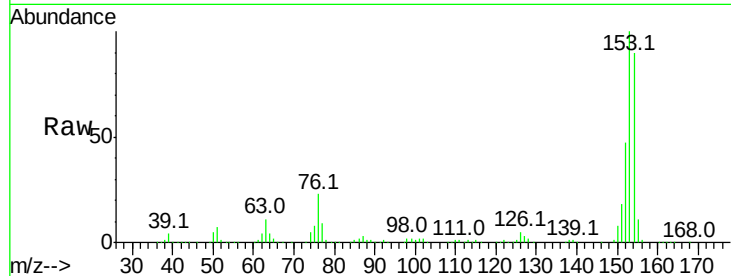
ClientSampleId :

SSTDCCC040EC

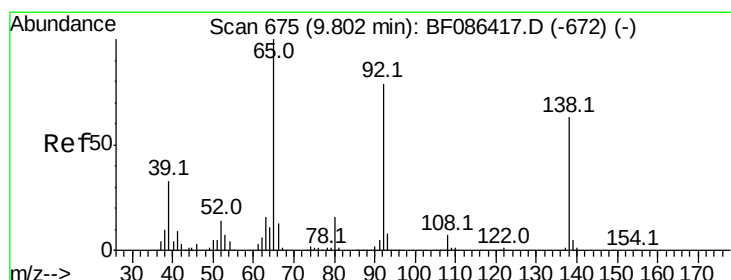
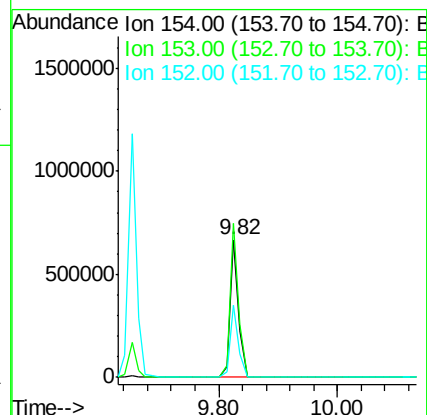
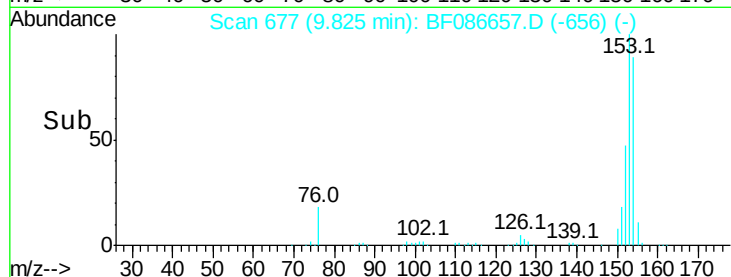
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 662815 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.7 | 89.8  | 134.6  |
| 152       | 52.3  | 43.4  | 65.0   |

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



#52

3-Nitroaniline

Concen: 45.14 ng

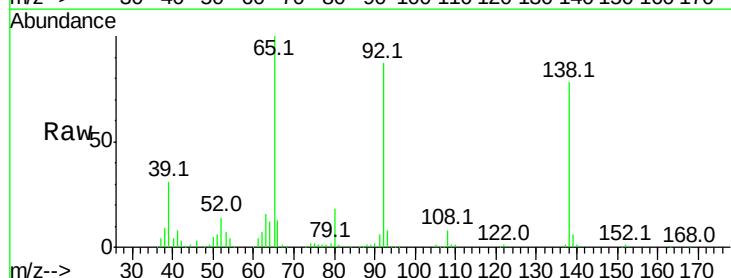
RT: 9.76 min Scan# 671

Delta R.T. -0.05 min

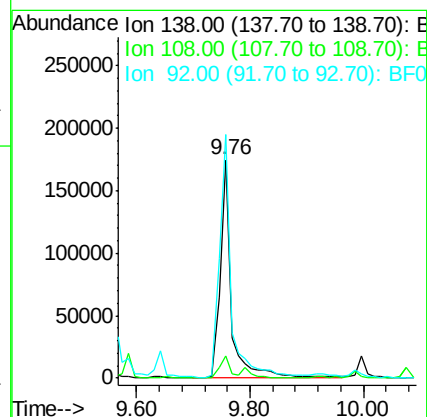
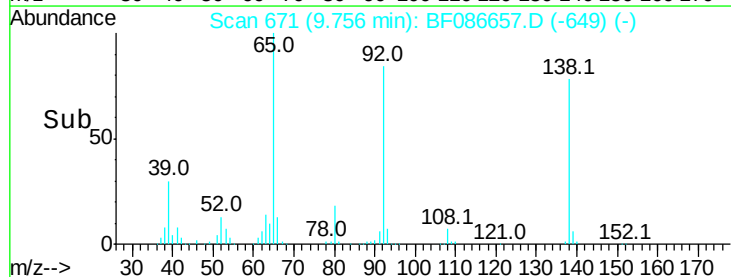
Lab File: BF086657.D

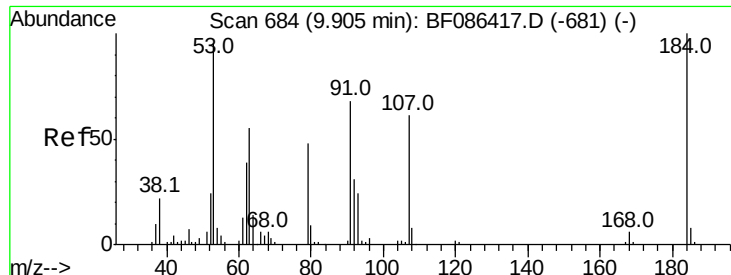
Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 233139 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.9   | 7.8   | 11.6   |
| 92        | 111.7 | 87.8  | 131.8  |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0





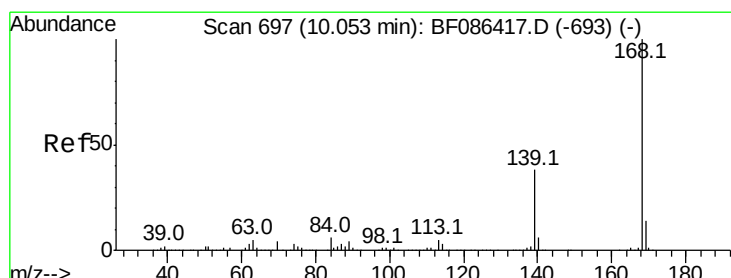
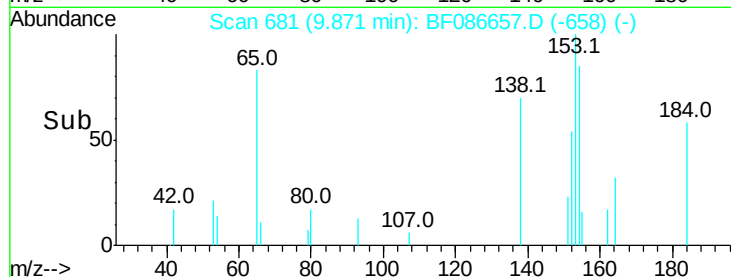
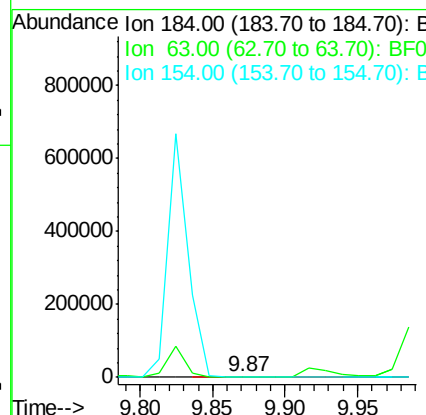
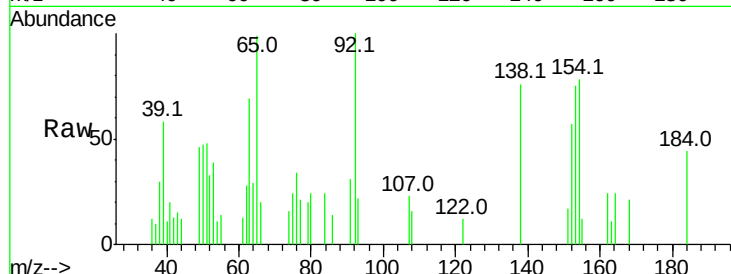
#53  
 2,4-Dinitrophenol  
 Concen: 8.87 ng  
 RT: 9.87 min Scan# 681  
 Delta R.T. -0.03 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   | 2850 |       |       |
| 63      | 157.3 |      | 55.8  | 83.8# |
| 154     | 178.3 |      | 62.4  | 93.6# |

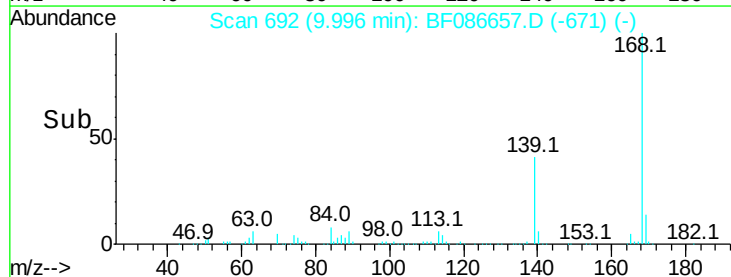
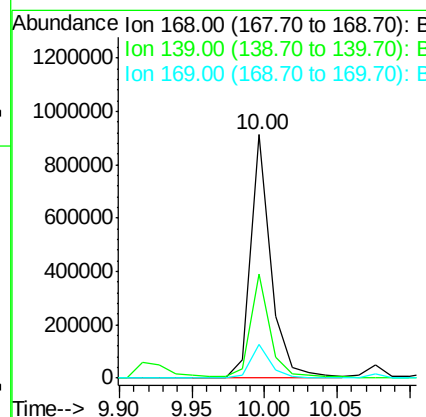
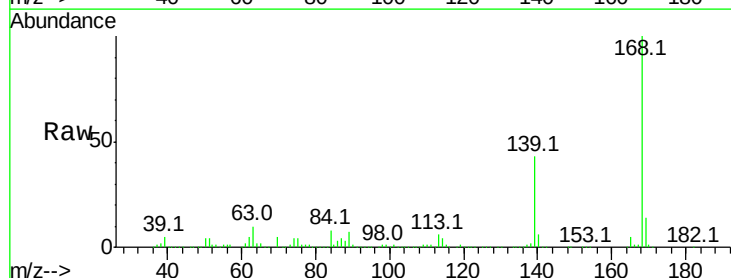
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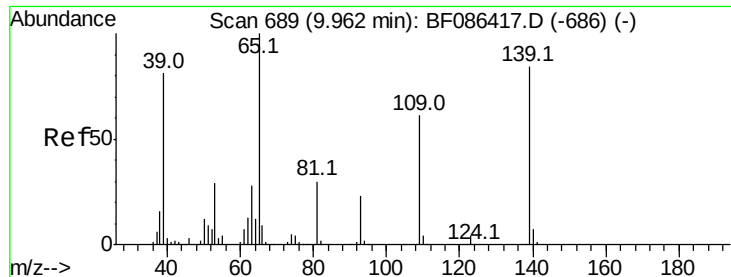
sohil  
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#54  
 Dibenzofuran  
 Concen: 37.93 ng  
 RT: 10.00 min Scan# 692  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 883179 |       |       |
| 139     | 42.5  |        | 31.4  | 47.0  |
| 169     | 14.0  |        | 10.7  | 16.1  |





#55

4-Nitrophenol

Concen: 29.25 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

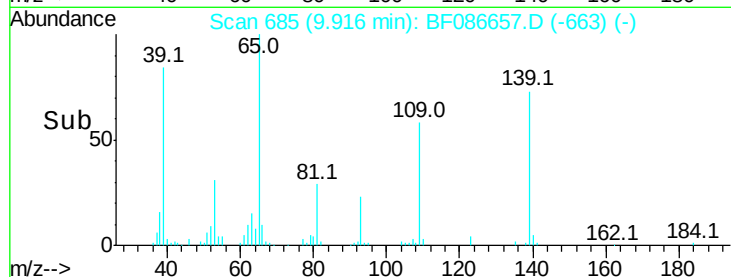
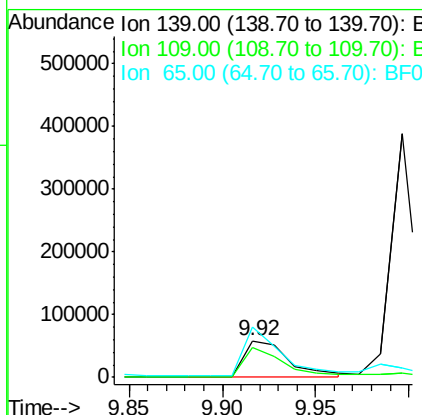
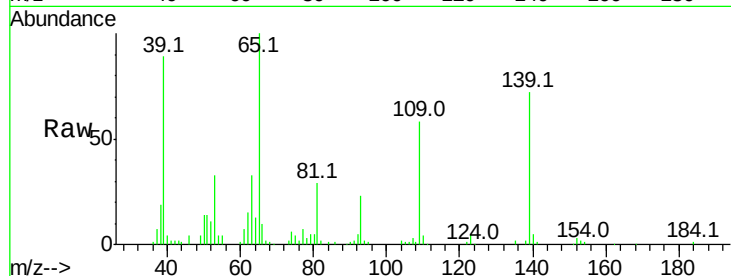
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 98910  |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 80.2  | 36.9  | 76.9#  |
| 65        | 138.1 | 64.0  | 104.0# |

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#56

2,4-Dinitrotoluene

Concen: 35.62 ng

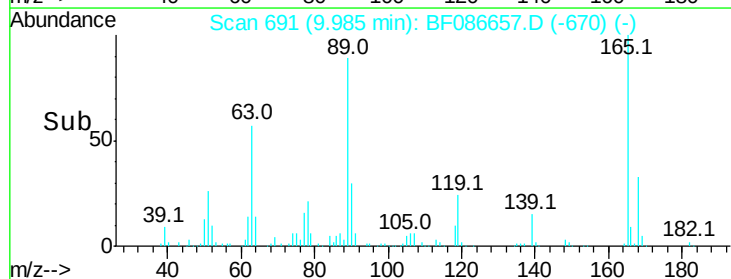
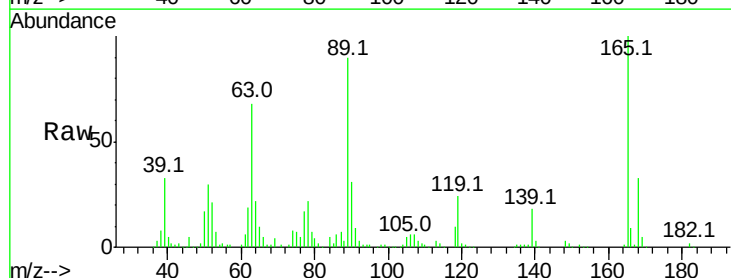
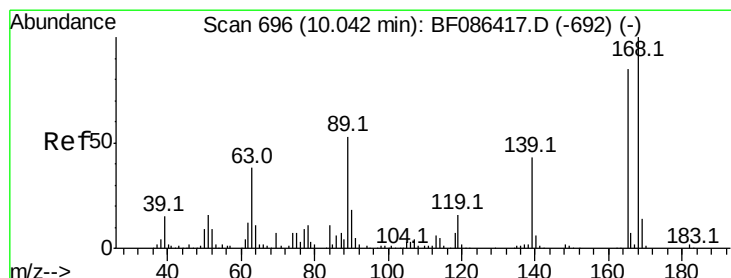
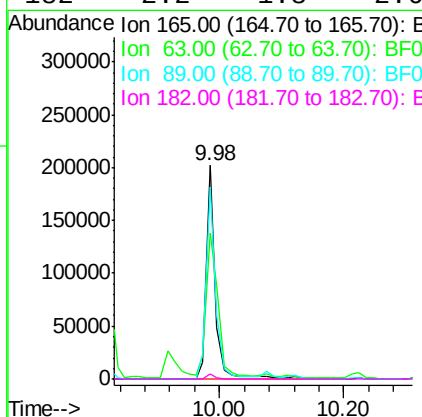
RT: 9.98 min Scan# 691

Delta R.T. -0.06 min

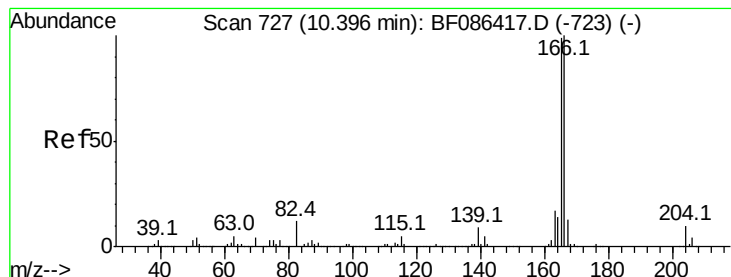
Lab File: BF086657.D

Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 206169 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 68.2  | 44.3  | 66.5#  |
| 89        | 89.8  | 70.0  | 105.0  |
| 182       | 2.2   | 1.8   | 2.6    |







#57

Fluorene

Concen: 33.70 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

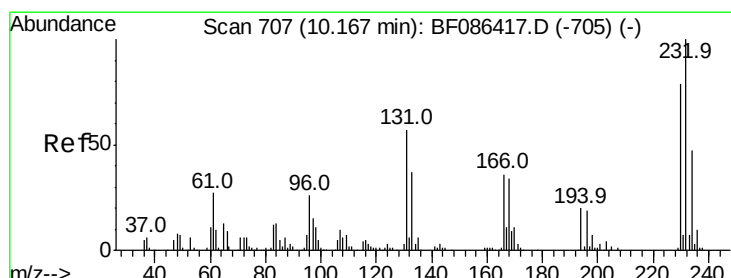
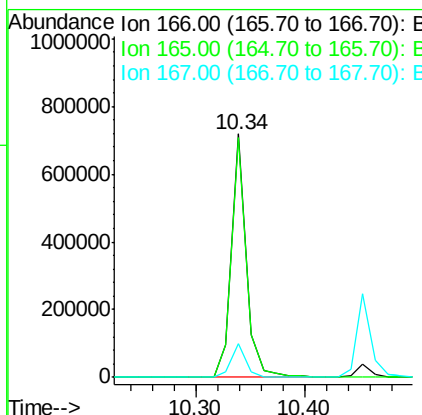
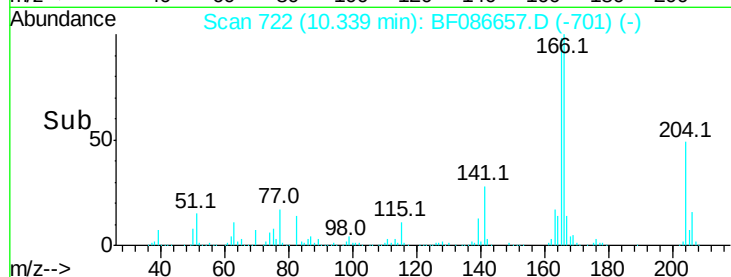
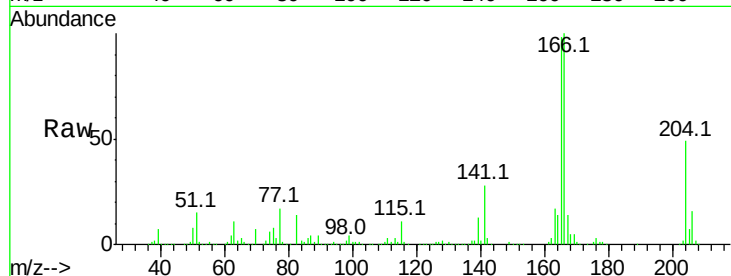
ClientSampleId :

SSTDCCC040EC

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| Tot Ion   | 166   | Resp  | 681256 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.4  | 79.0  | 118.6  |
| 167       | 14.0  | 10.6  | 15.8   |



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.02 ng

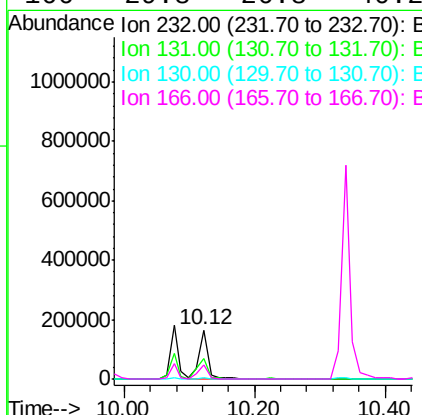
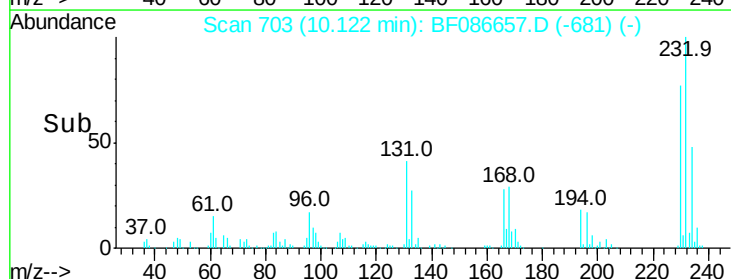
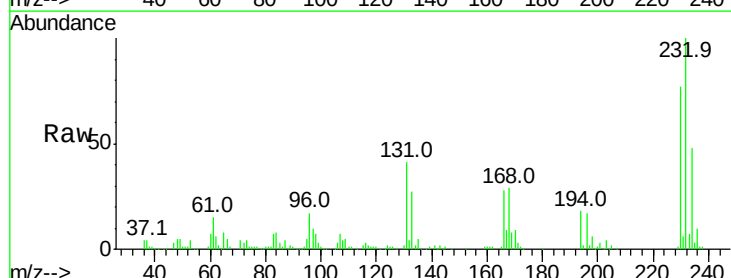
RT: 10.12 min Scan# 703

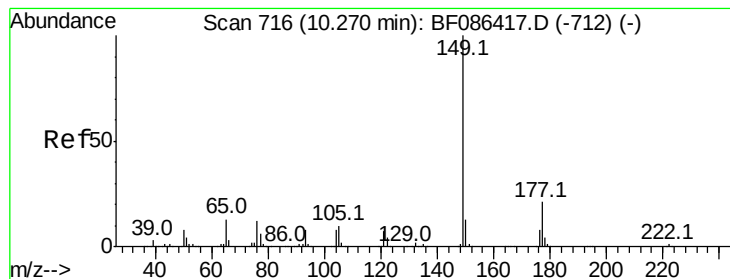
Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

| Tgt Ion   | 232   | Resp  | 162148 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 48.7  | 41.9  | 62.9   |
| 130       | 2.3   | 2.2   | 3.4    |
| 166       | 29.8  | 26.8  | 40.2   |





#59

Diethylphthalate

Concen: 44.54 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

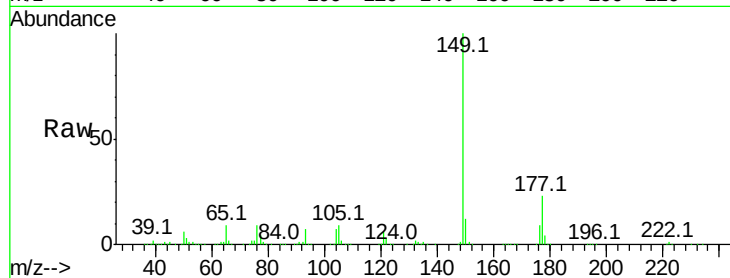
ClientSampleId :

SSTDCCC040EC

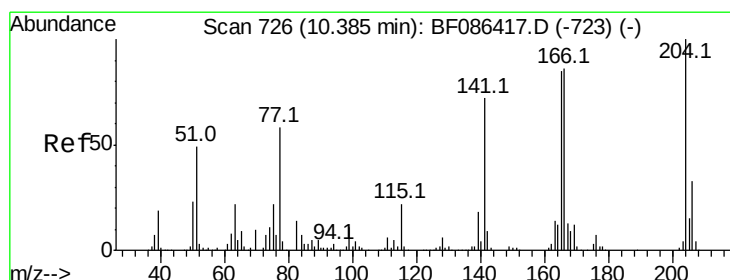
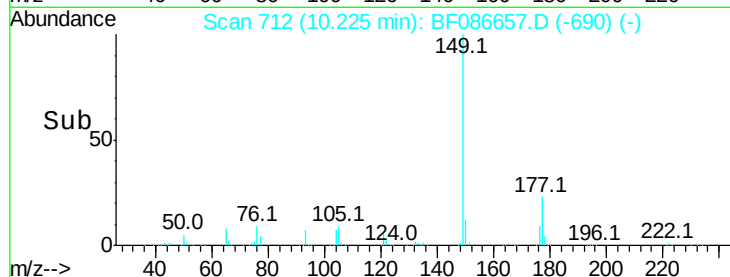
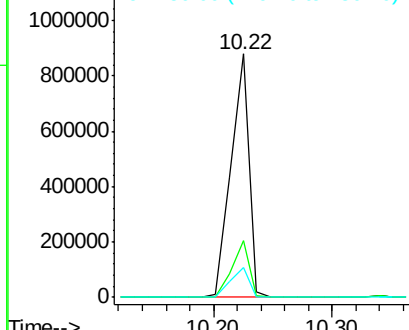
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 926852 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 23.4  | 16.6  | 24.8   |
| 150       | 12.4  | 10.0  | 15.0   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.67 ng

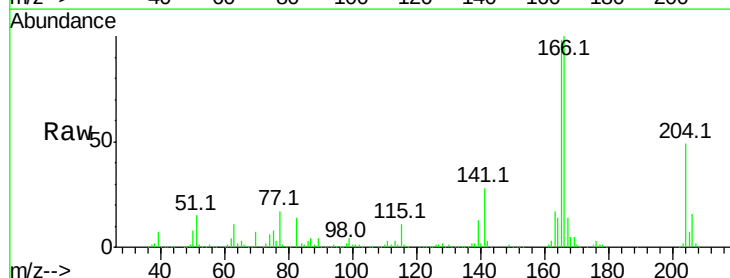
RT: 10.34 min Scan# 722

Delta R.T. -0.05 min

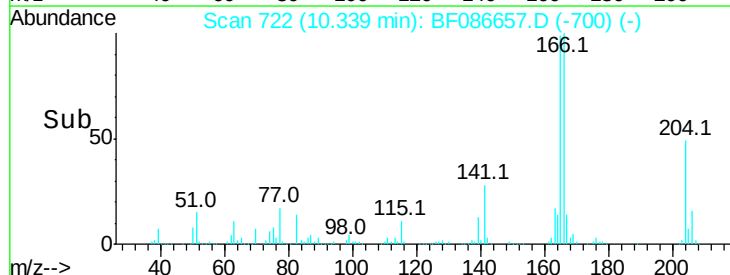
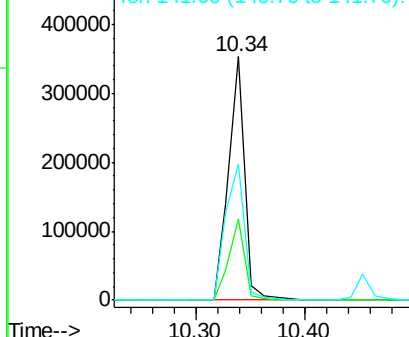
Lab File: BF086657.D

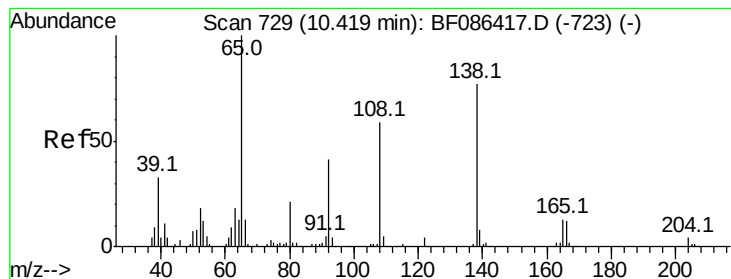
Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 364080 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.3  | 25.4  | 38.0   |
| 141       | 56.0  | 61.6  | 92.4#  |



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





#61

4-Nitroaniline

Concen: 42.23 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:138 Resp: 213197  
Ion Ratio Lower Upper

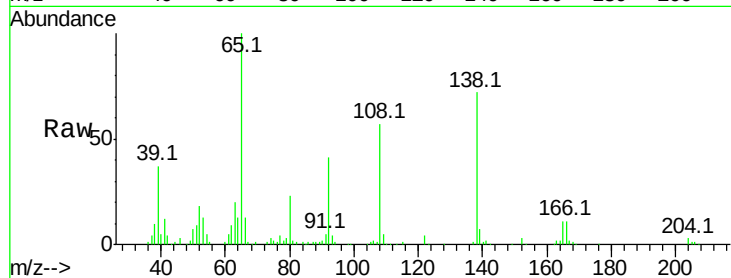
138 100

92 56.6 24.7 64.7

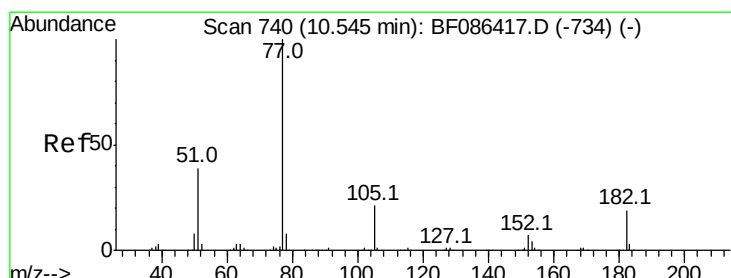
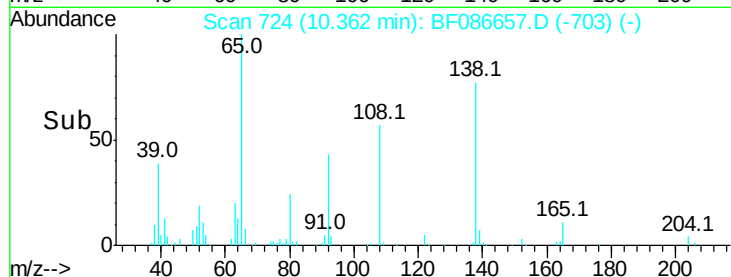
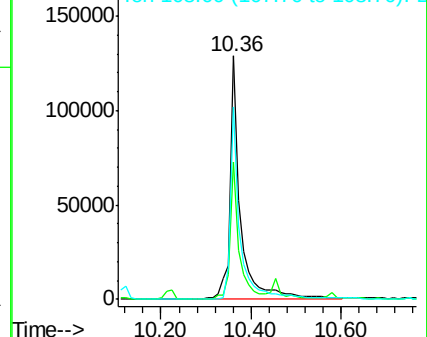
108 79.2 37.4 77.4#

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Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.18 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Tgt Ion: 77 Resp: 870098  
Ion Ratio Lower Upper

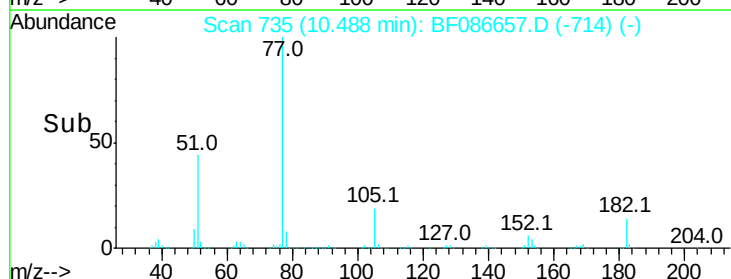
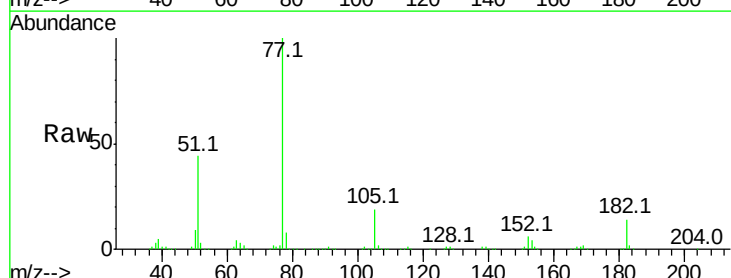
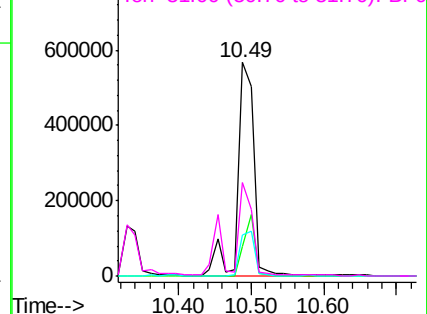
77 100

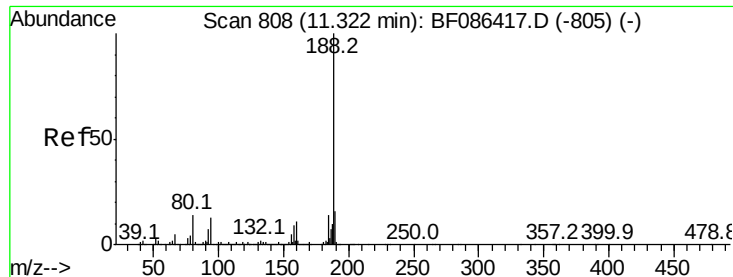
182 14.0 0.0 38.8

105 19.1 3.2 43.2

51 43.7 8.8 48.8

Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0





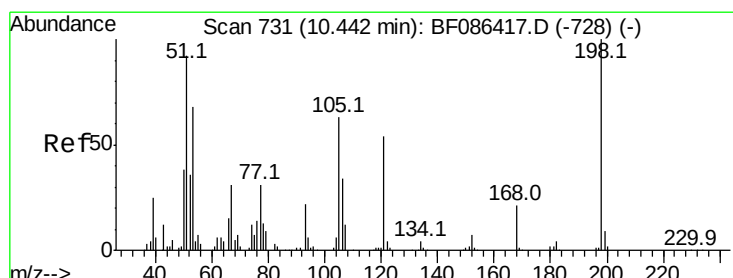
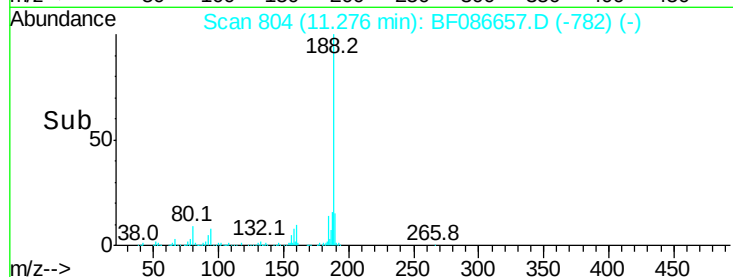
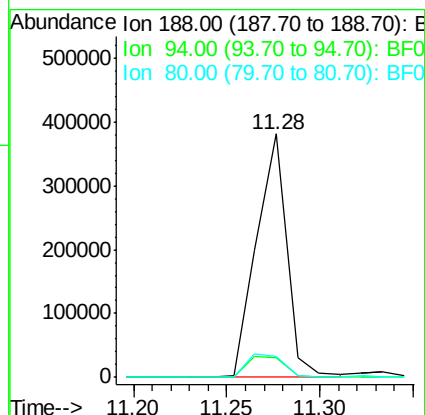
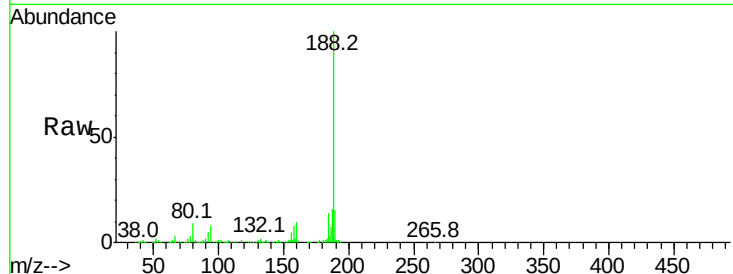
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.28 min Scan# 804  
Delta R.T. -0.05 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 8.0   | 6.8  | 10.2  |       |
| 80      | 8.5   | 7.1  | 10.7  |       |

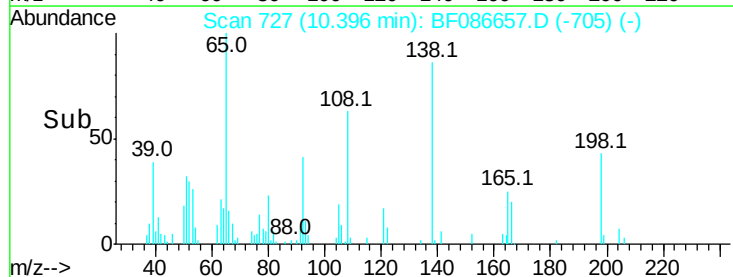
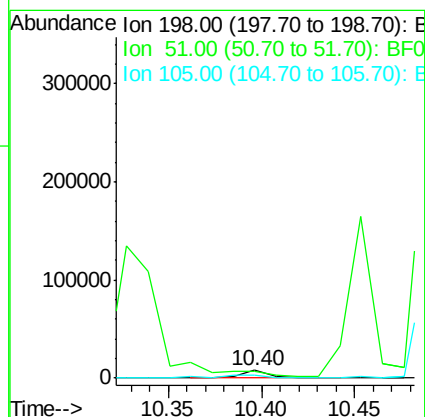
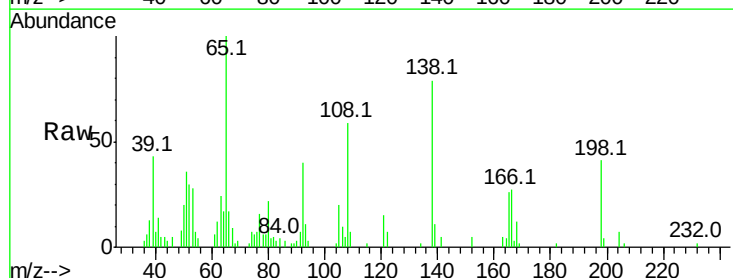
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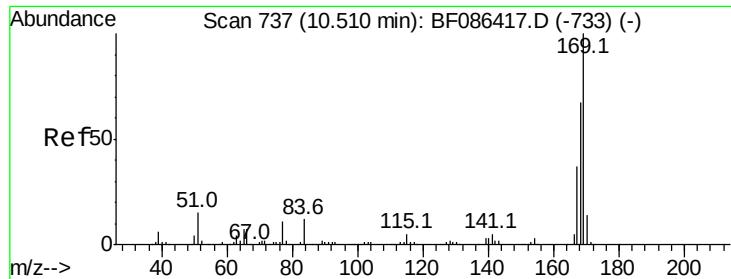
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.30 ng  
RT: 10.40 min Scan# 727  
Delta R.T. -0.05 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 87.3  | 20.5 | 60.5# |       |
| 105     | 47.9  | 24.5 | 64.5  |       |





#65

n-Nitrosodiphenylamine

Concen: 46.14 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

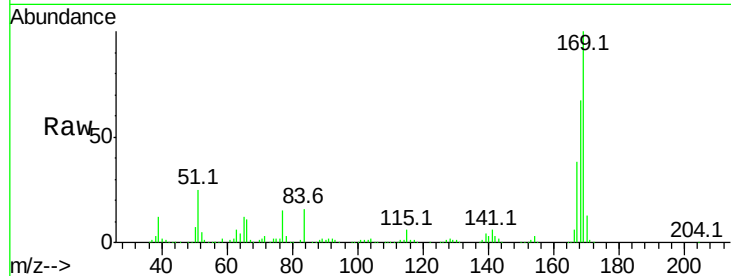
ClientSampleId :

SSTDCCC040EC

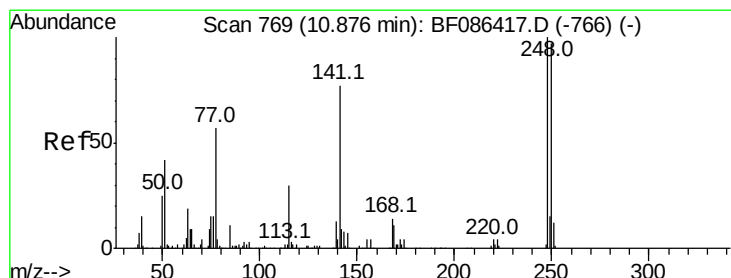
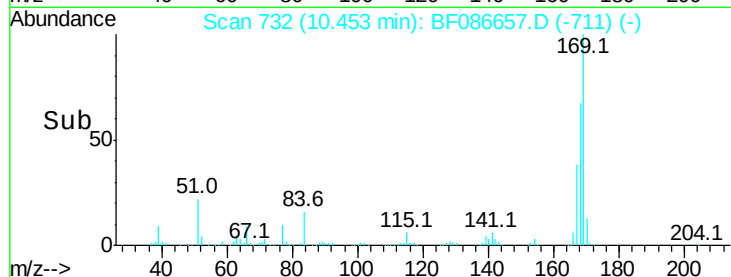
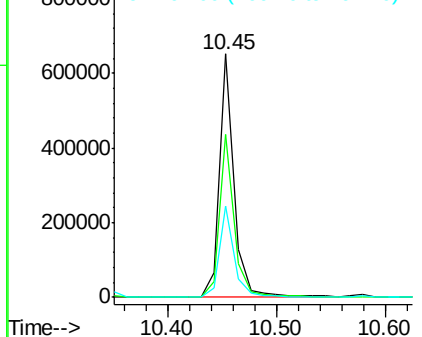
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 619306 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.1  | 53.8  | 80.6   |
| 167       | 37.7  | 29.5  | 44.3   |

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Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.87 ng

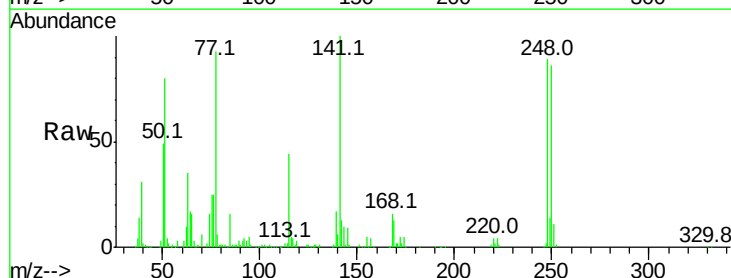
RT: 10.82 min Scan# 764

Delta R.T. -0.06 min

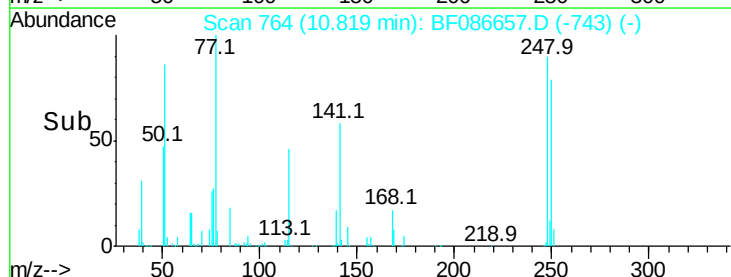
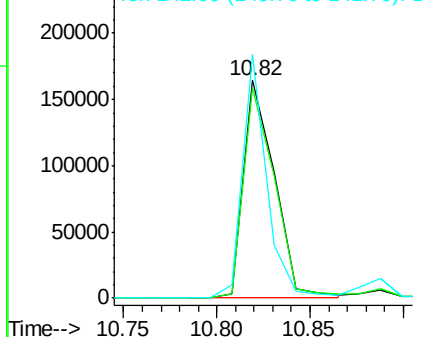
Lab File: BF086657.D

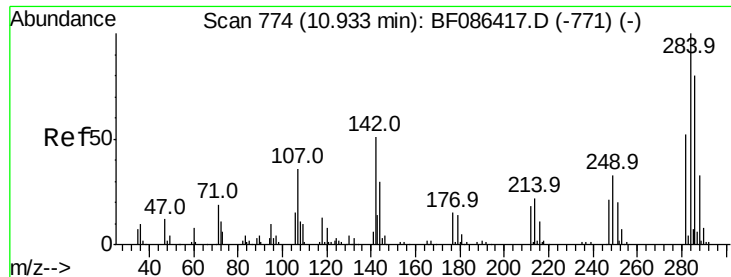
Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 189698 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.3  | 78.6  | 117.8  |
| 141       | 111.8 | 76.0  | 114.0  |



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





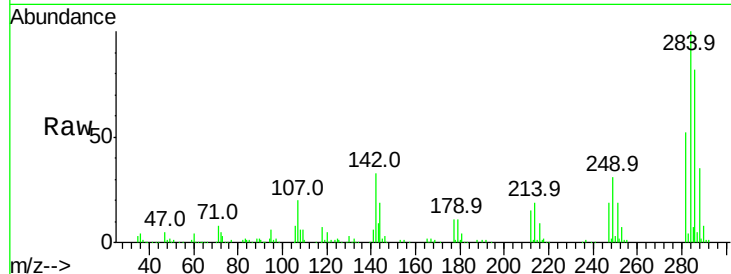
#67  
Hexachlorobenzene  
Concen: 43.12 ng  
RT: 10.89 min Scan# 770  
Delta R.T. -0.05 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

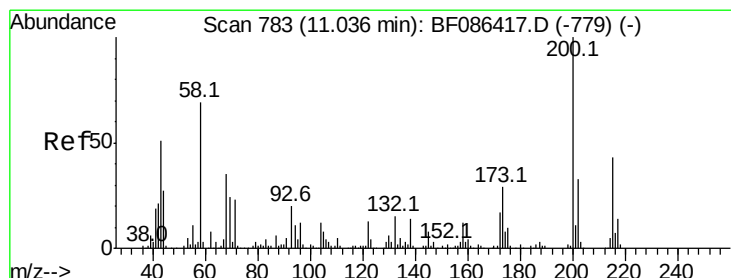
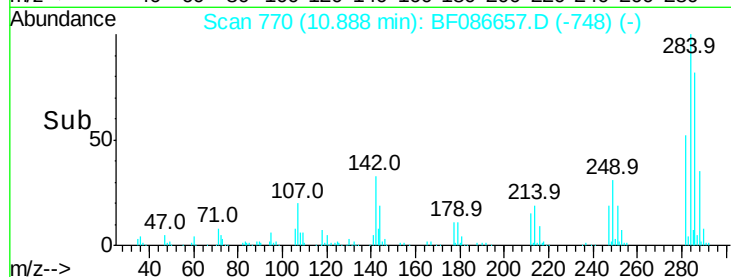
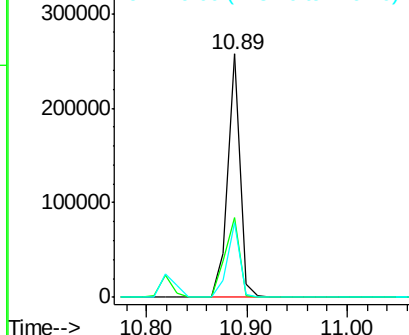
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 32.6  | 16.7 | 25.1  |       |
| 249     | 30.5  | 21.3 | 31.9  |       |

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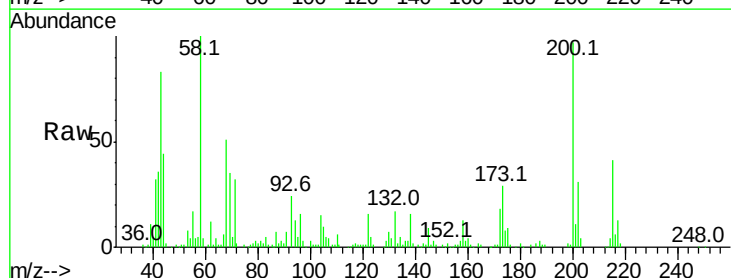


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

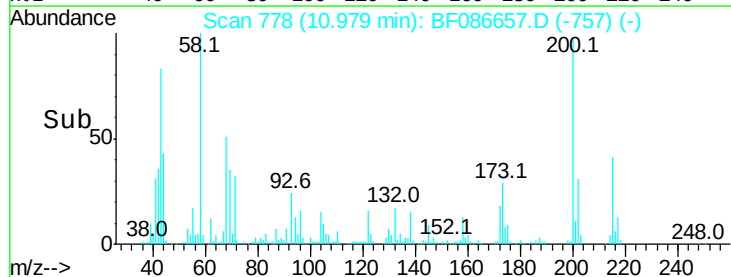
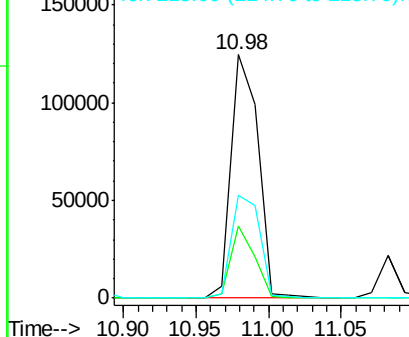


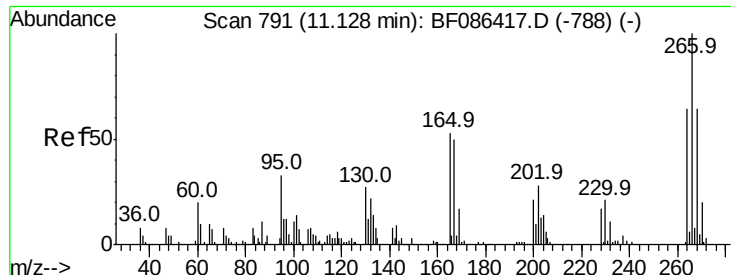
#68  
Atrazine  
Concen: 39.91 ng  
RT: 10.98 min Scan# 778  
Delta R.T. -0.06 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 29.8  | 8.5  | 48.5  |       |
| 215     | 42.1  | 27.2 | 67.2  |       |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





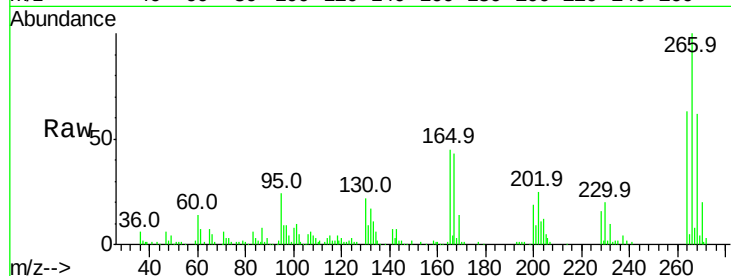
#69  
 Pentachlorophenol  
 Concen: 40.60 ng  
 RT: 11.08 min Scan# 787  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

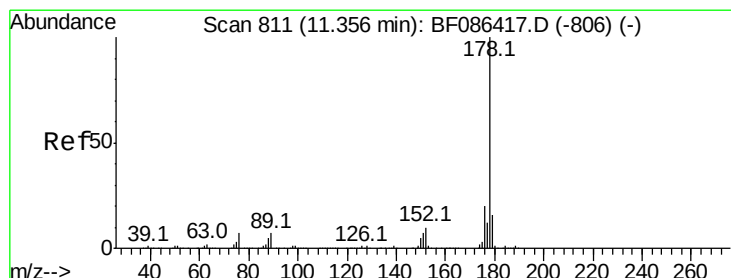
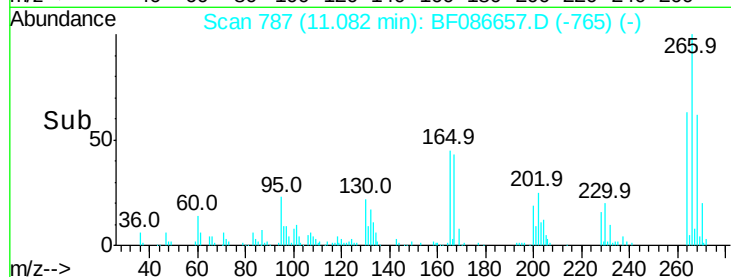
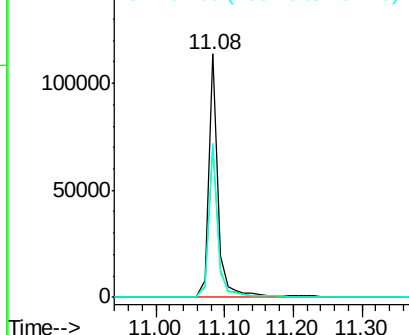
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 109645 |       |       |
| 268     | 62.2  | 51.5   | 77.3  |       |
| 264     | 63.3  | 52.9   | 79.3  |       |

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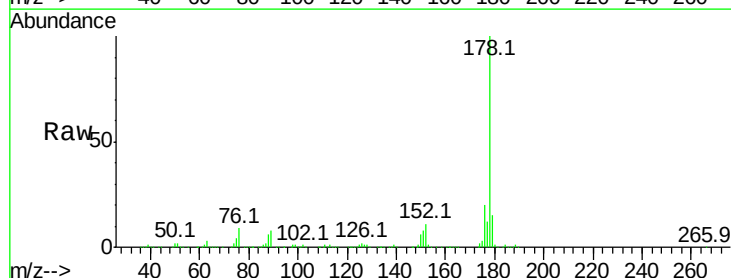


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

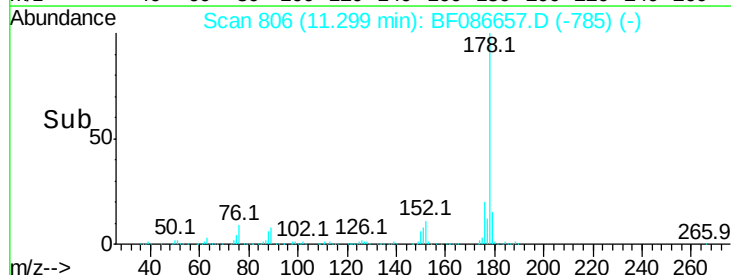
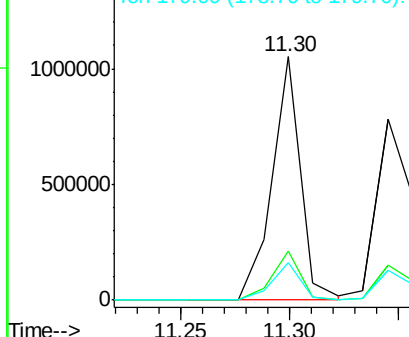


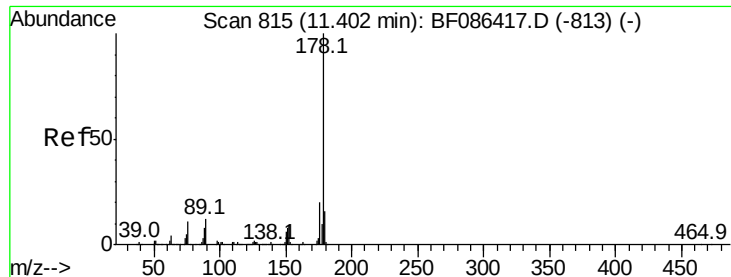
#70  
 Phenanthrene  
 Concen: 42.87 ng  
 RT: 11.30 min Scan# 806  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 966060 |       |       |
| 176     | 19.9  | 16.0   | 24.0  |       |
| 179     | 15.4  | 12.6   | 18.8  |       |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





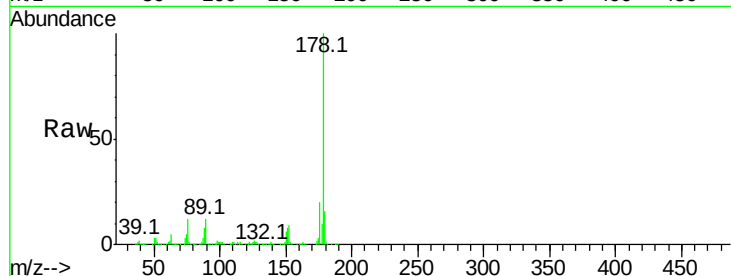
#71  
 Anthracene  
 Concen: 40.62 ng  
 RT: 11.35 min Scan# 810  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

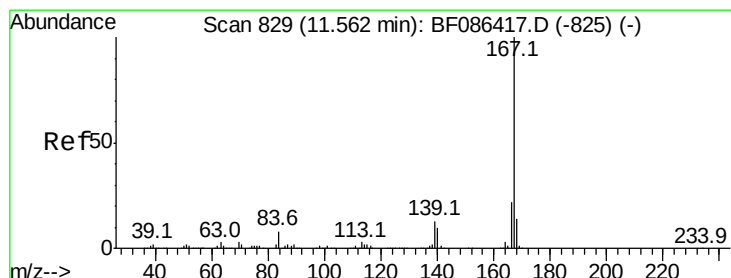
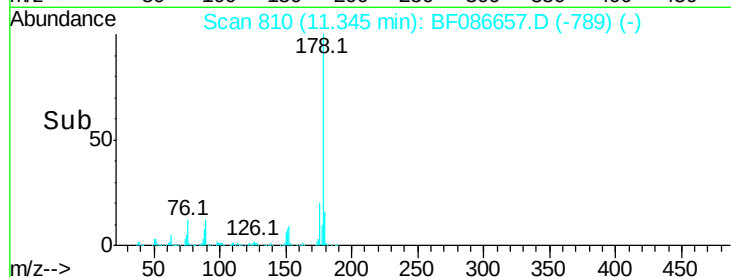
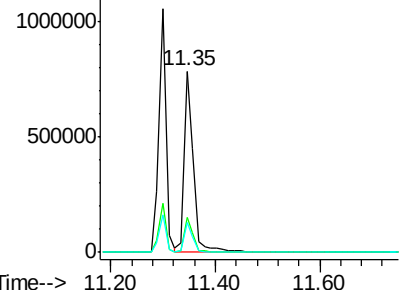
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.6  | 23.4  |
| 179     | 16.2  | 12.7  | 19.1  |

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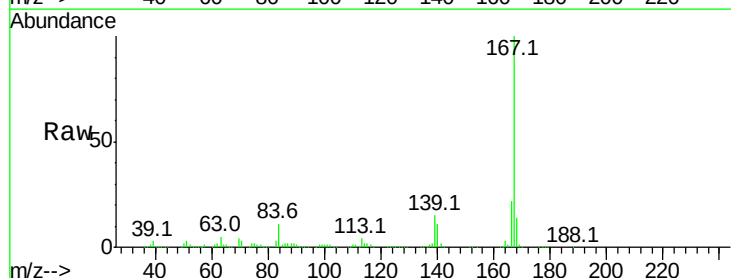


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

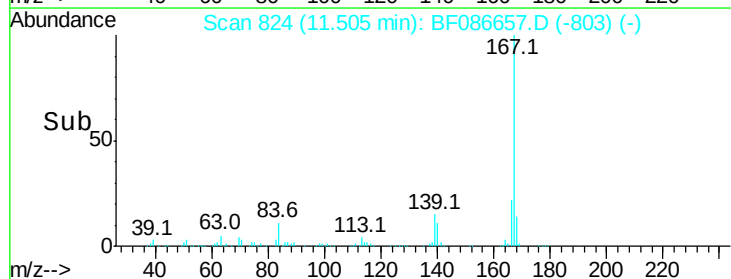
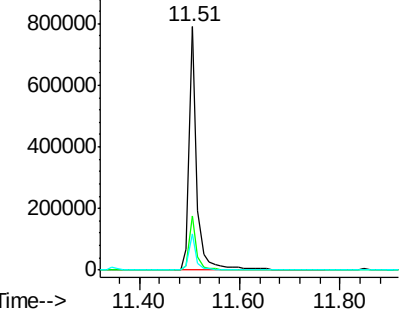


#72  
 Carbazole  
 Concen: 39.69 ng  
 RT: 11.51 min Scan# 824  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

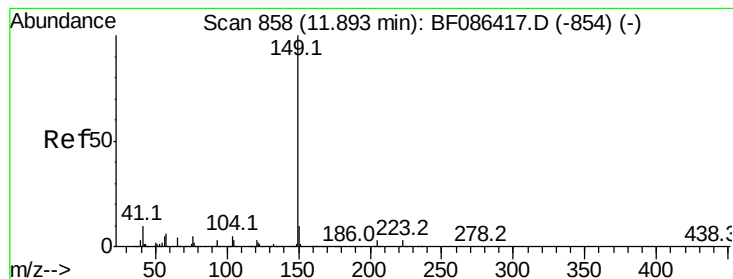
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 17.7  | 26.5  |
| 139     | 14.6  | 10.8  | 16.2  |



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 48.35 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1167646

Ion Ratio Lower Upper

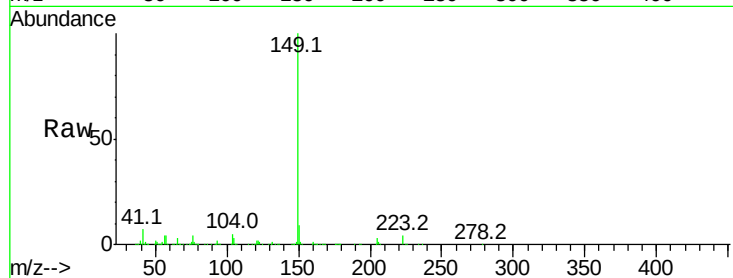
149 100

150 9.2 7.6 11.4

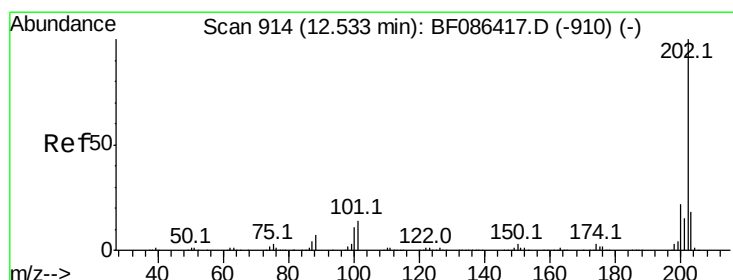
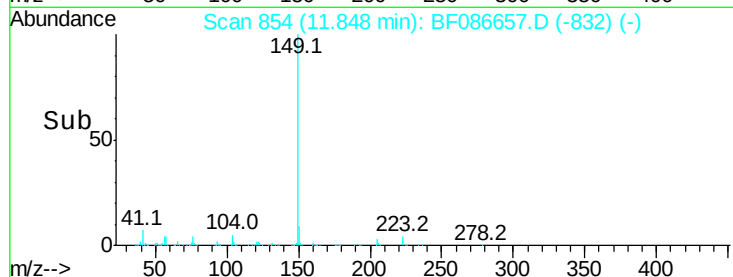
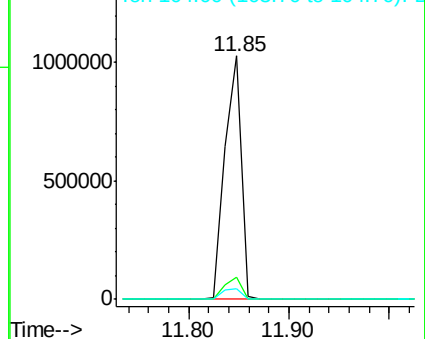
104 4.6 3.8 5.6

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.55 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

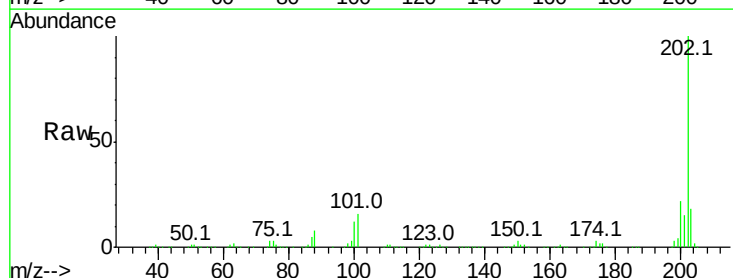
Tgt Ion:202 Resp: 922486

Ion Ratio Lower Upper

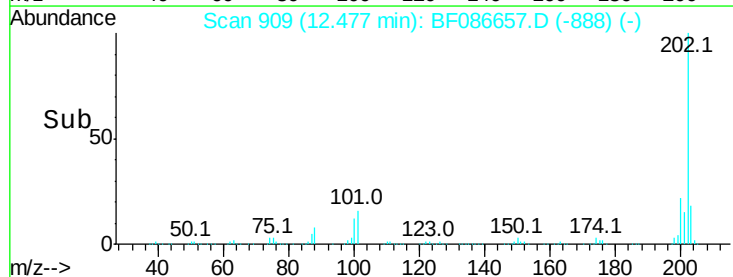
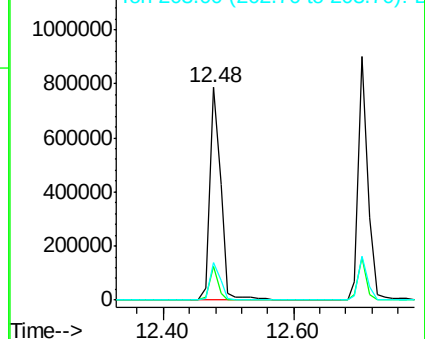
202 100

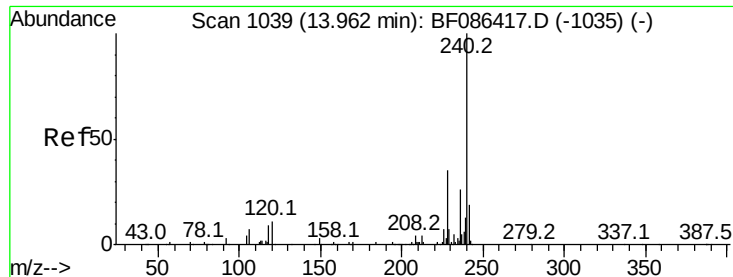
101 15.7 0.0 35.4

203 17.9 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

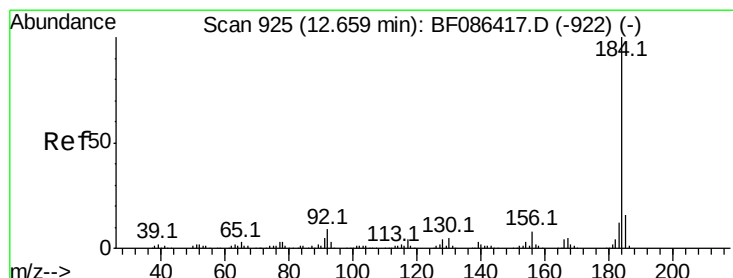
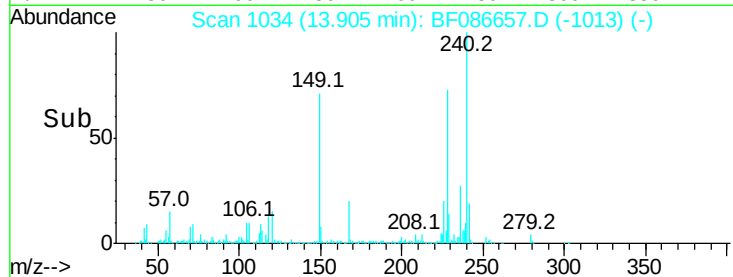
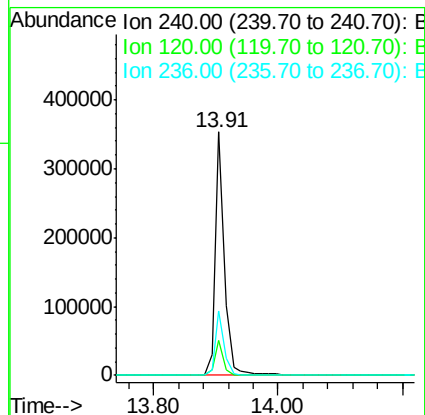
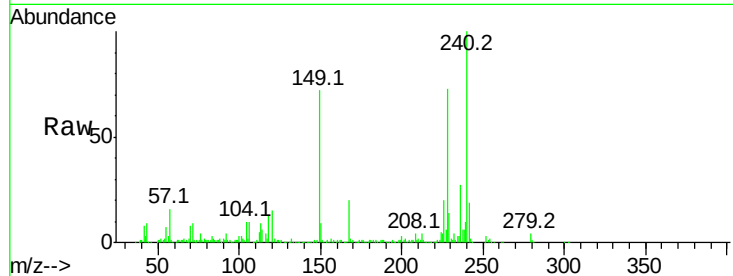
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 358169 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 14.5  | 11.2  | 16.8   |
| 236       | 26.5  | 21.2  | 31.8   |

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#76

Benzidine

Concen: 37.25 ng

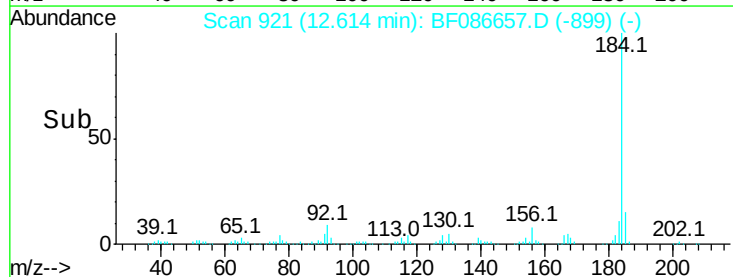
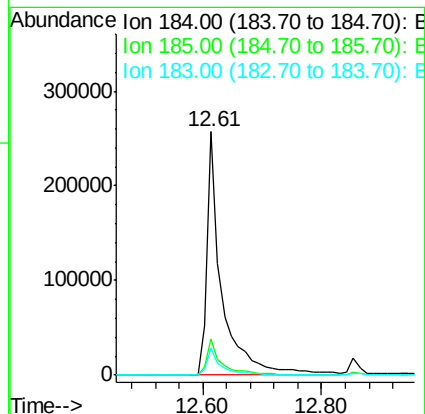
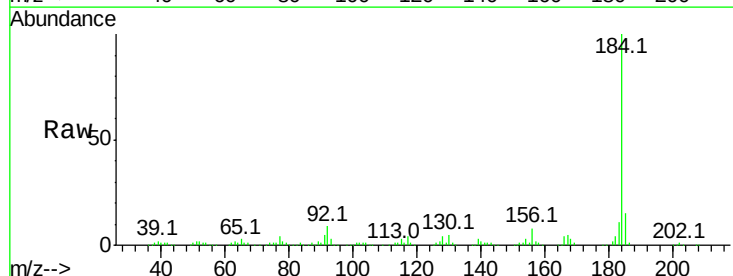
RT: 12.61 min Scan# 921

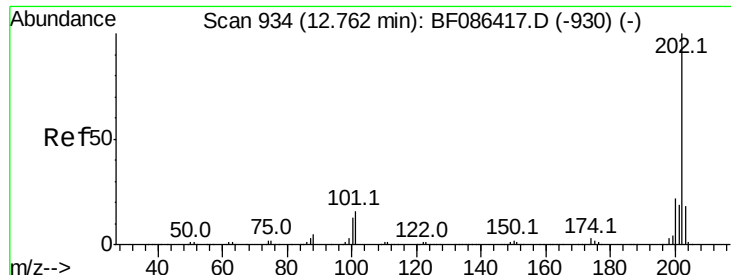
Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 458530 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.8  | 13.6  | 20.4   |
| 183       | 11.4  | 9.8   | 14.6   |





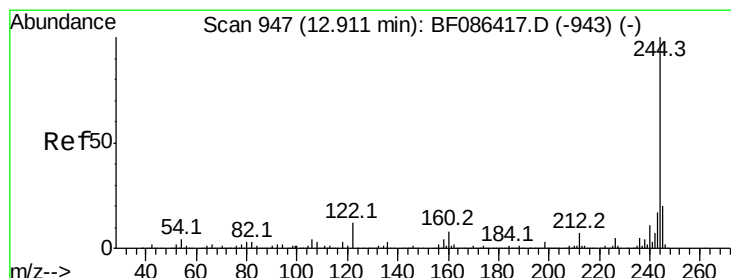
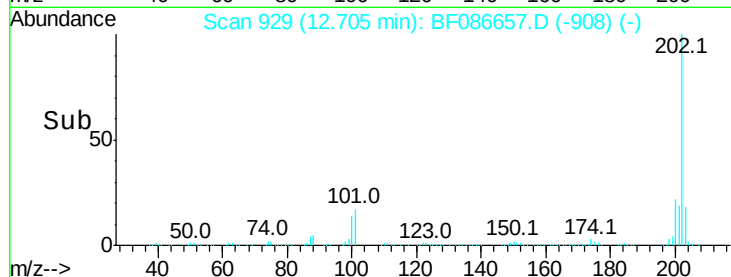
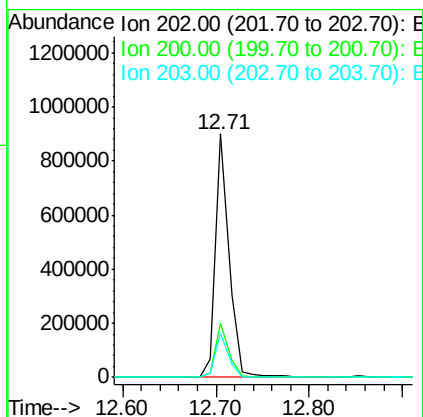
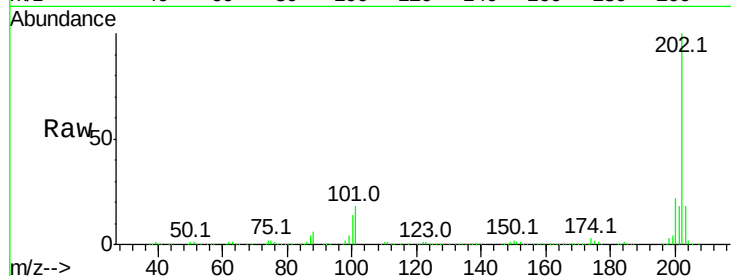
#77  
Pvrene  
Concen: 34.98 ng  
RT: 12.71 min Scan# 929  
Delta R.T. -0.06 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 22.2  | 17.7       | 26.5  |
| 203     | 18.1  | 14.2       | 21.4  |

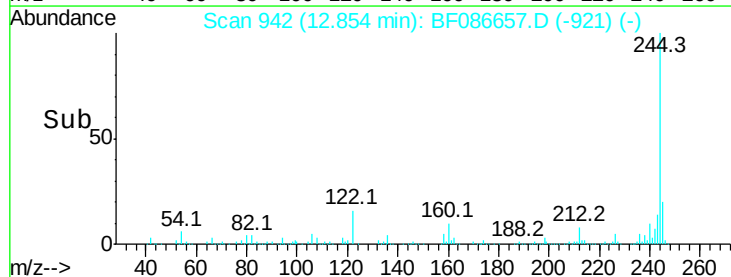
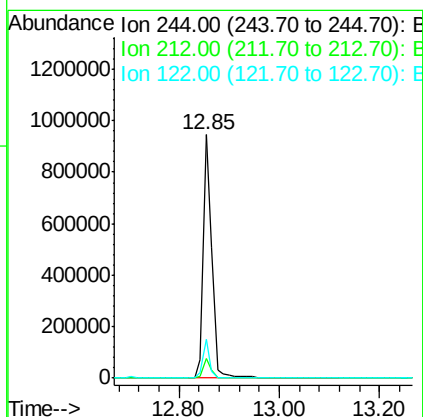
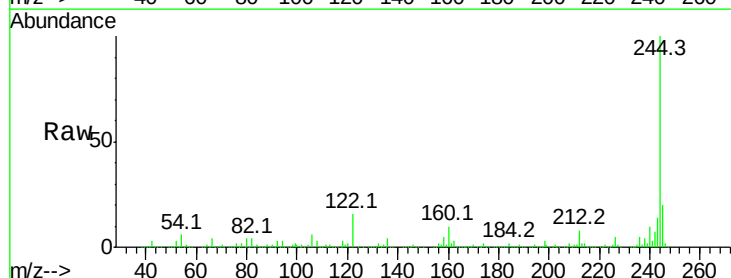
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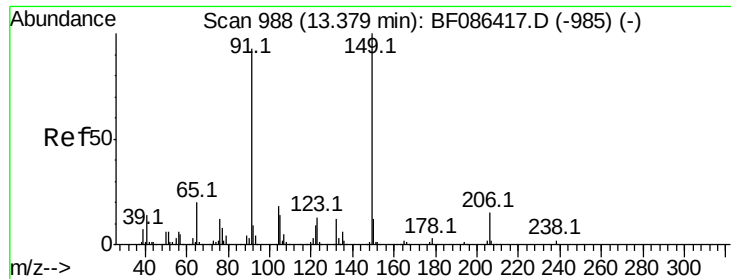
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#78  
Terphenyl-d14  
Concen: 69.56 ng  
RT: 12.85 min Scan# 942  
Delta R.T. -0.06 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 8.0   | 6.2        | 9.2   |
| 122     | 15.8  | 12.0       | 18.0  |





#79

Butylbenzylphthalate

Concen: 39.72 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.05 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

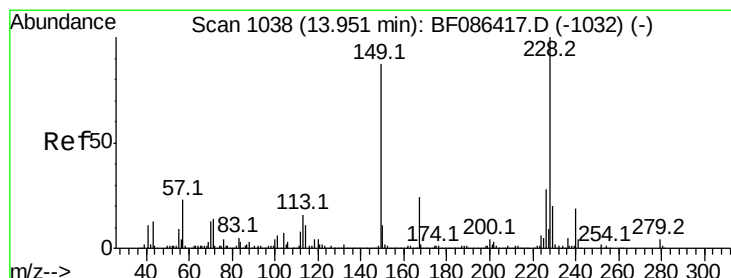
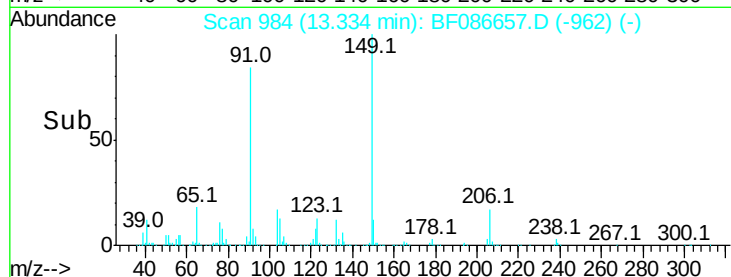
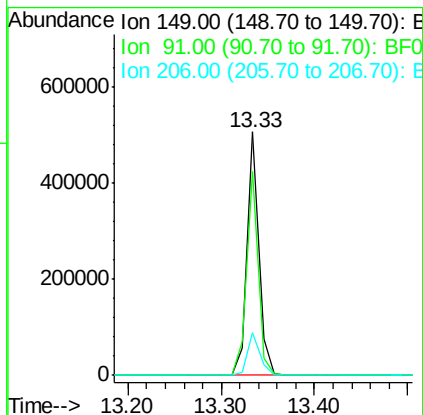
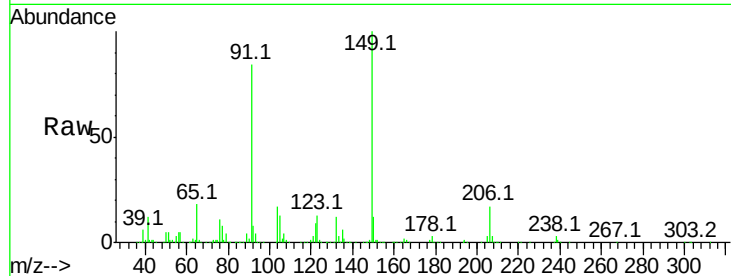
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 443926 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 84.0  | 48.0  | 72.0#  |
| 206       | 17.3  | 15.8  | 23.6   |

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#80

Benzo(a)anthracene

Concen: 41.08 ng

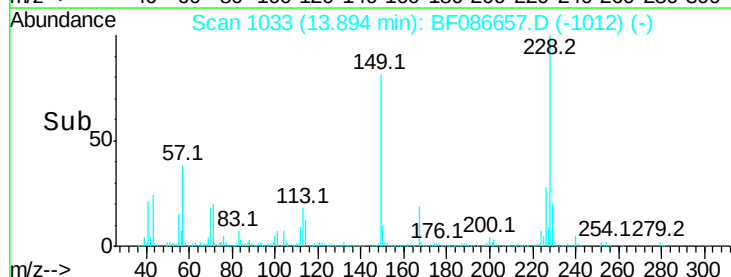
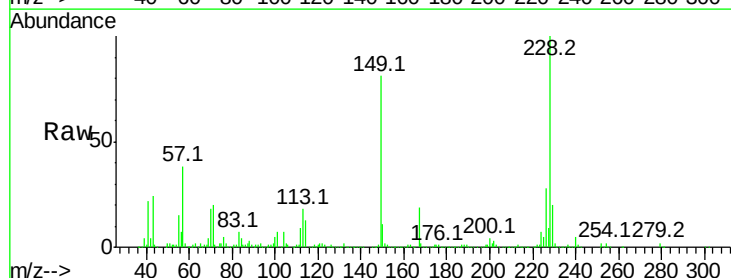
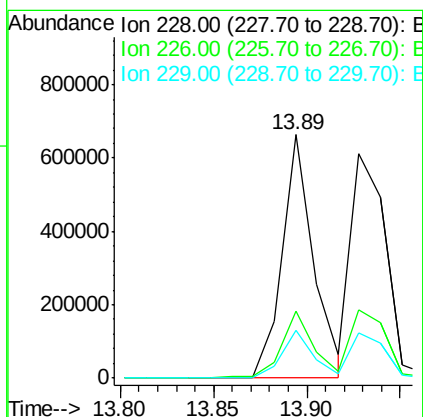
RT: 13.89 min Scan# 1033

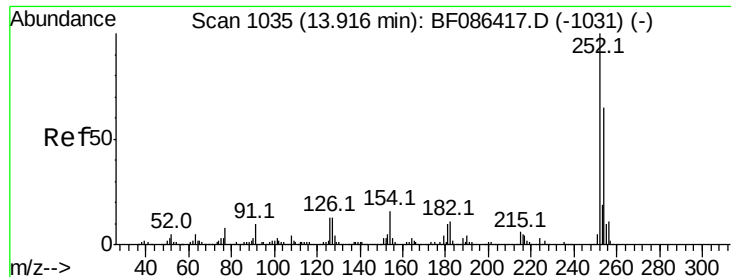
Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 784547 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.7  | 22.5  | 33.7   |
| 229       | 19.8  | 16.6  | 25.0   |





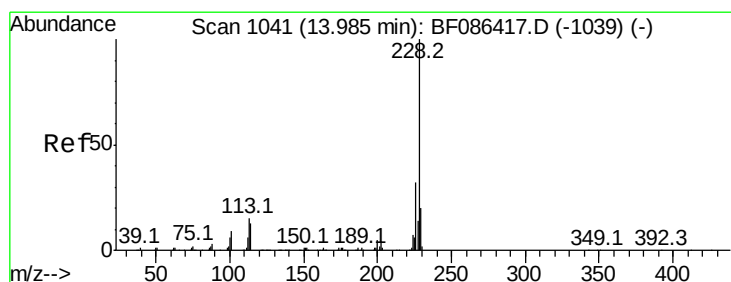
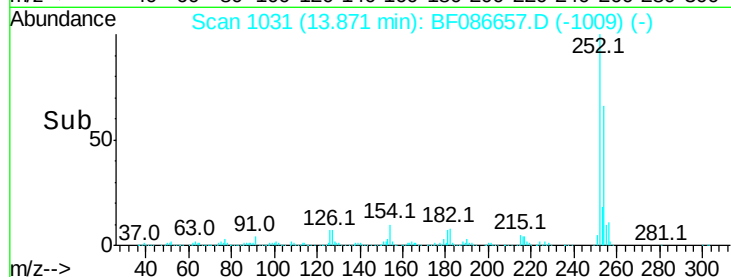
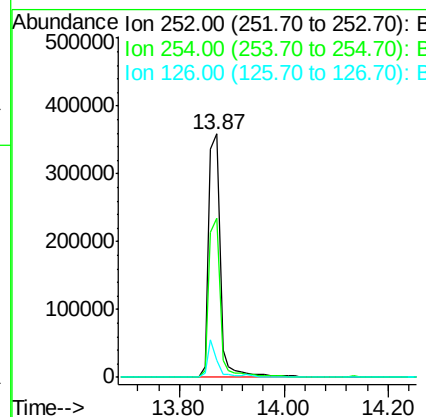
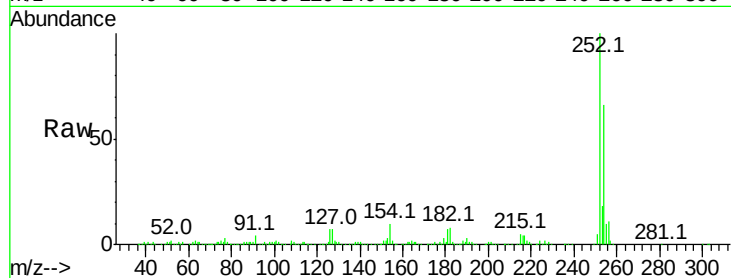
#81  
 3,3'-Dichlorobenzidine  
 Concen: 44.34 ng  
 RT: 13.87 min Scan# 1031  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 566015 |       |       |
| 254     | 65.5  | 50.7   | 76.1  |       |
| 126     | 7.0   | 12.7   | 19.1  |       |

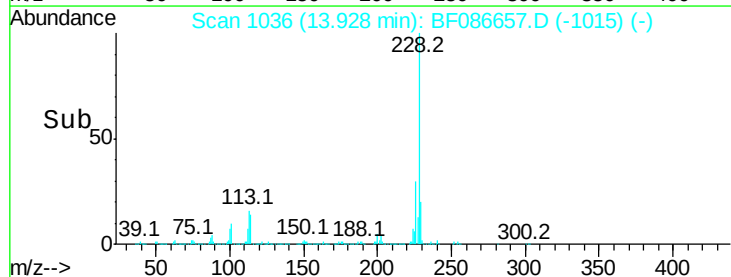
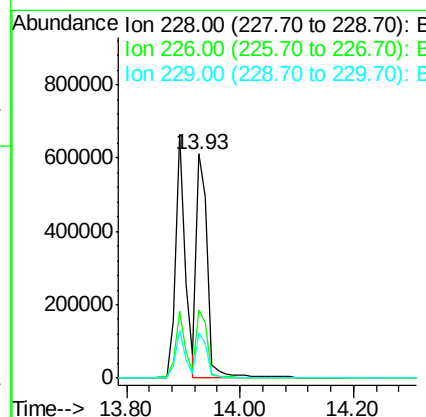
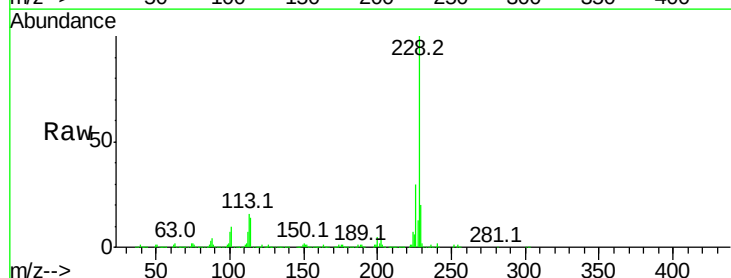
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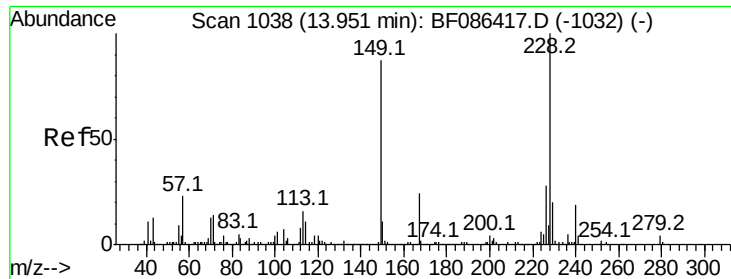
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#82  
 Chrysene  
 Concen: 40.23 ng  
 RT: 13.93 min Scan# 1036  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 835091 |       |       |
| 226     | 30.4  | 24.4   | 36.6  |       |
| 229     | 20.0  | 15.8   | 23.8  |       |





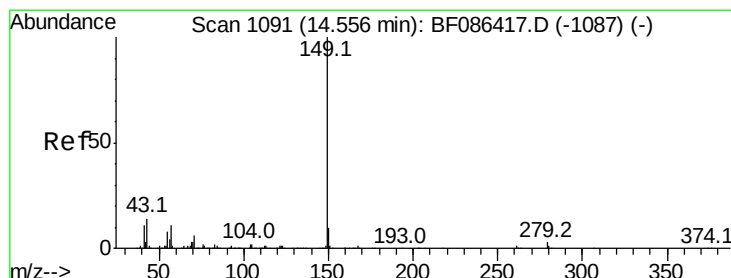
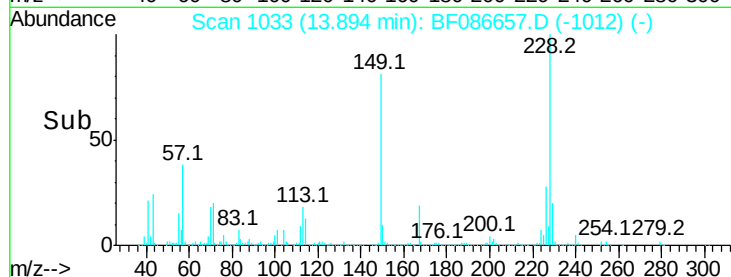
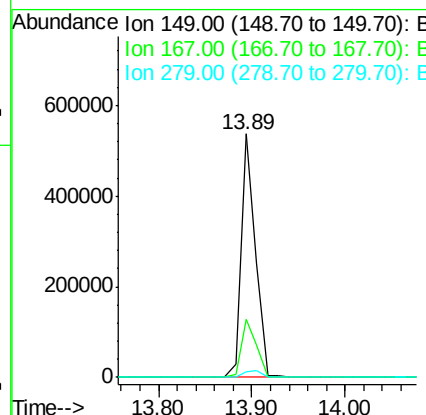
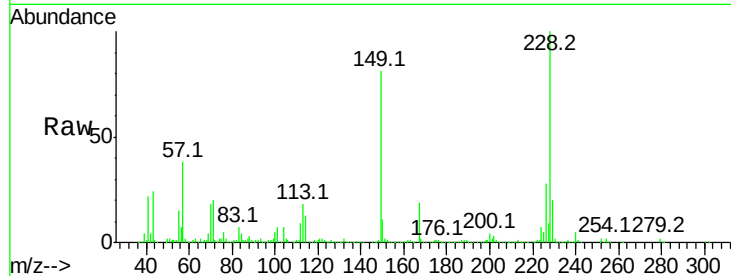
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.09 ng  
 RT: 13.89 min Scan# 1033  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 570111 |       |       |
| 167     | 24.1  | 21.8   | 32.6  |       |
| 279     | 2.1   | 2.6    | 4.0   |       |

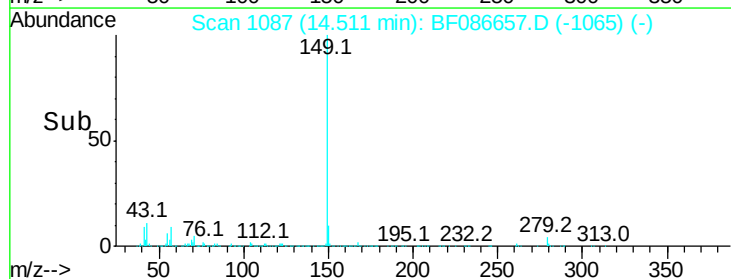
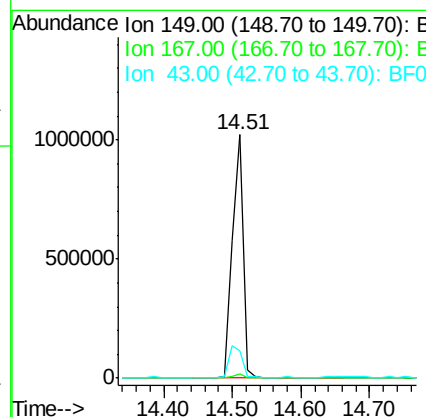
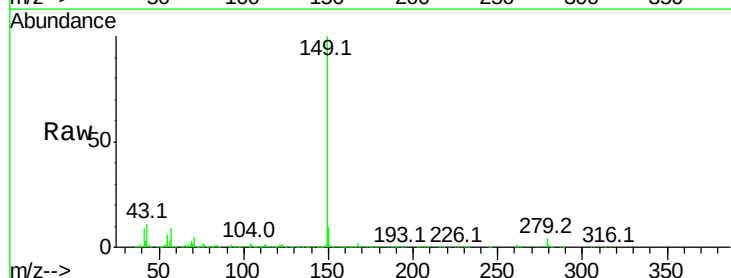
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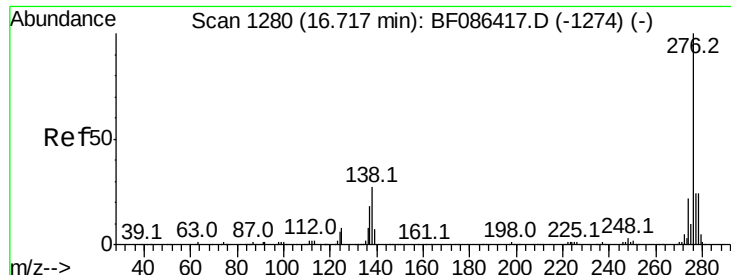
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#84  
 Di-n-octyl phthalate  
 Concen: 52.27 ng  
 RT: 14.51 min Scan# 1087  
 Delta R.T. -0.05 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1135658 |       |       |
| 167     | 1.7   | 1.2     | 1.8   |       |
| 43      | 15.5  | 8.2     | 12.4  |       |





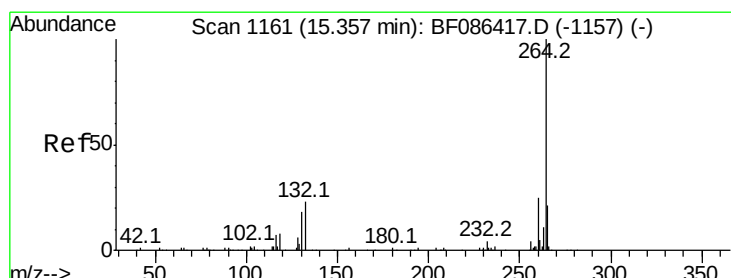
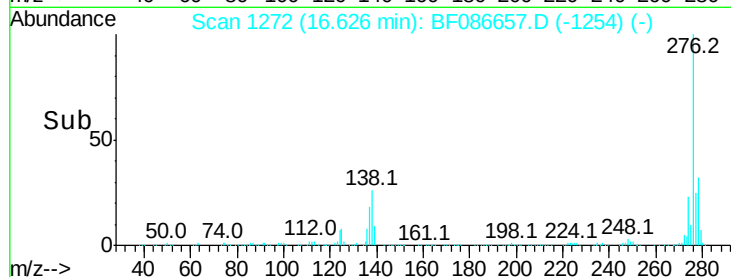
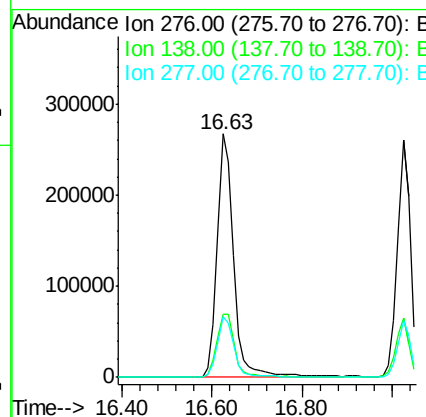
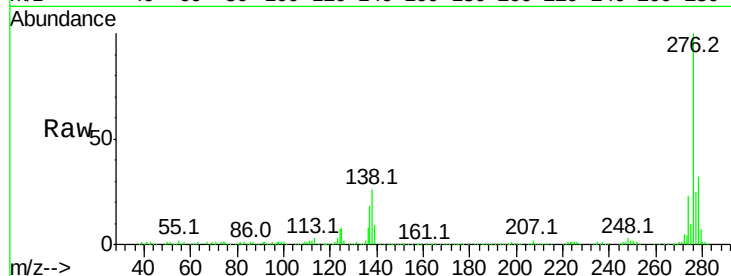
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.99 ng  
 RT: 16.63 min Scan# 1272  
 Delta R.T. -0.09 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 691991 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 28.7  | 25.6  | 38.4   |
| 277       | 25.2  | 20.5  | 30.7   |

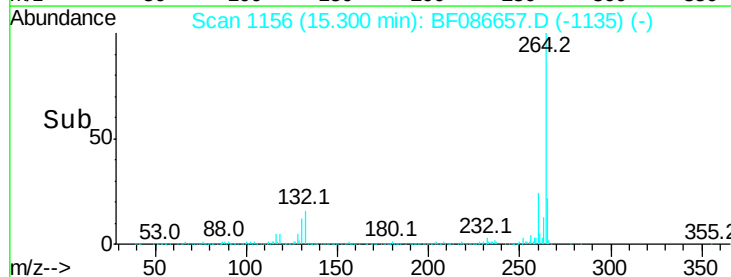
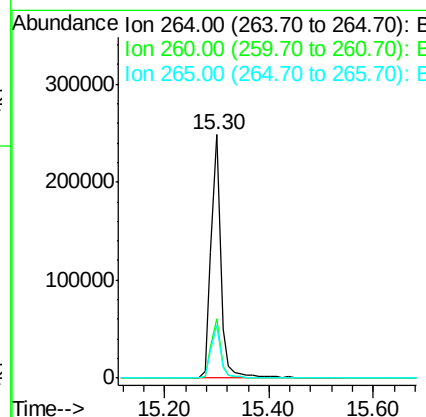
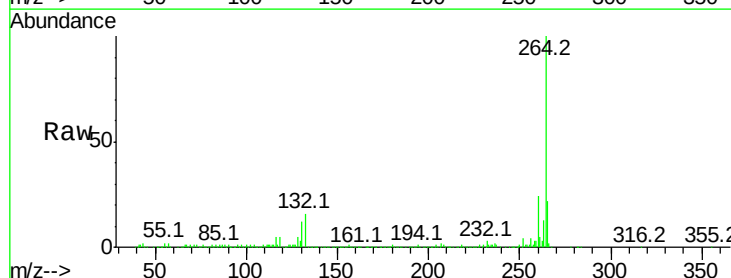
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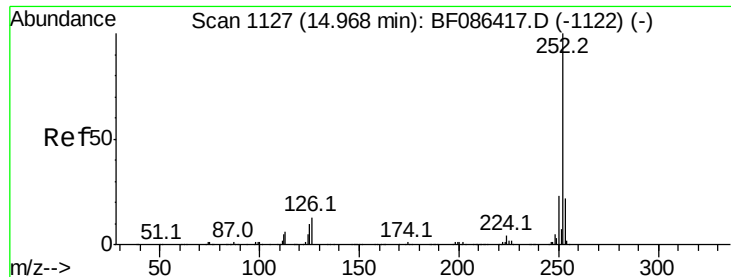
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.30 min Scan# 1156  
 Delta R.T. -0.06 min  
 Lab File: BF086657.D  
 Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 327729 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.4  | 19.5  | 29.3   |
| 265       | 21.6  | 17.3  | 25.9   |





#87

Benzo(b)fluoranthene

Concen: 43.38 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.06 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

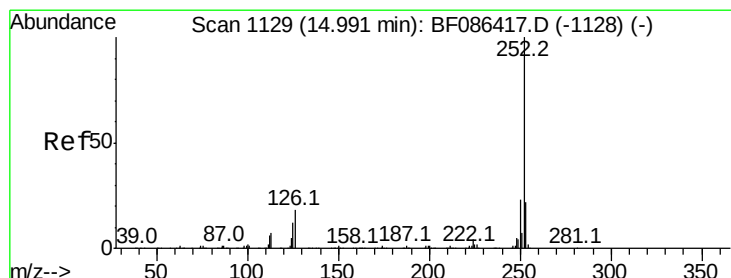
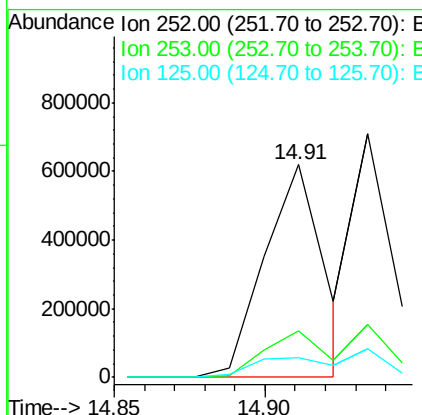
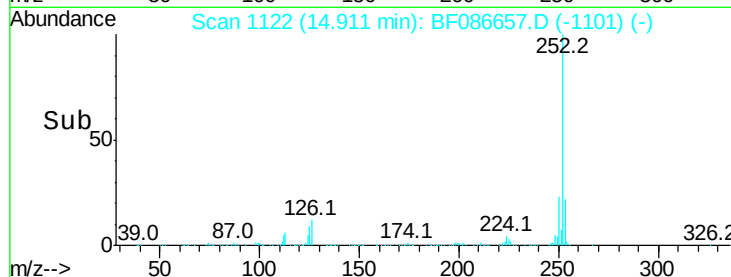
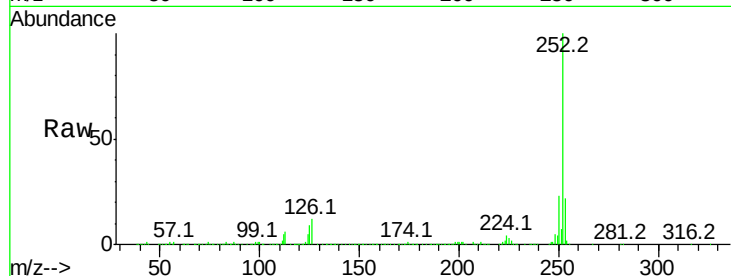
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 836393 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 17.8  | 26.6   |
| 125       | 9.3   | 11.4  | 17.0   |

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#88

Benzo(k)fluoranthene

Concen: 35.20 ng m

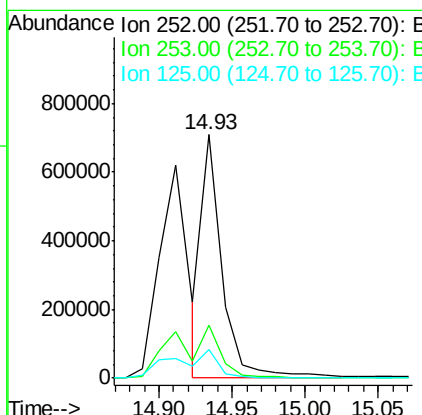
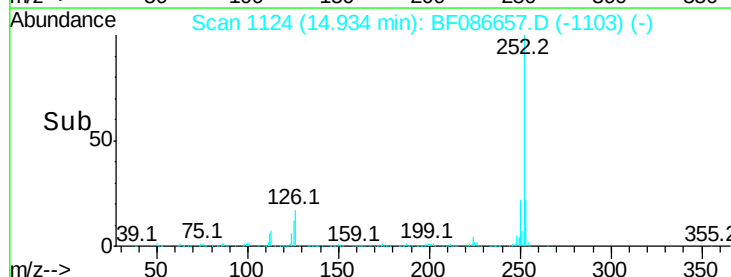
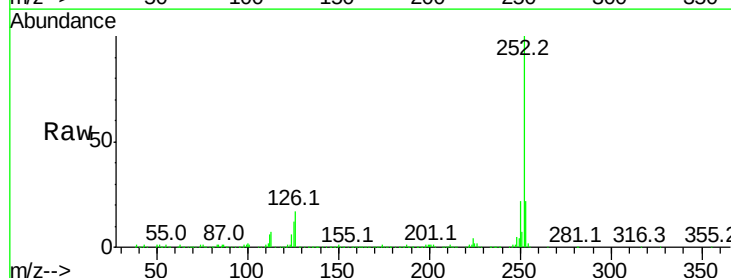
RT: 14.93 min Scan# 1124

Delta R.T. -0.06 min

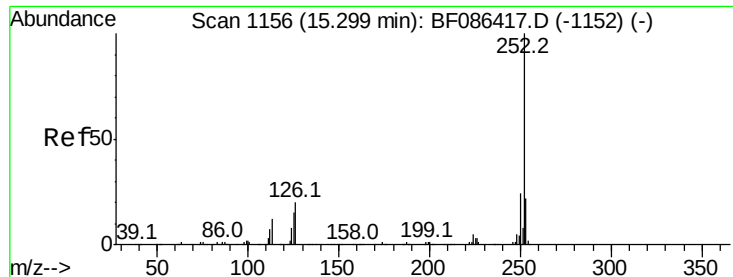
Lab File: BF086657.D

Acq: 3 May 2016 21:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 707925 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.8  | 26.6   |
| 125       | 11.6  | 9.1   | 13.7   |







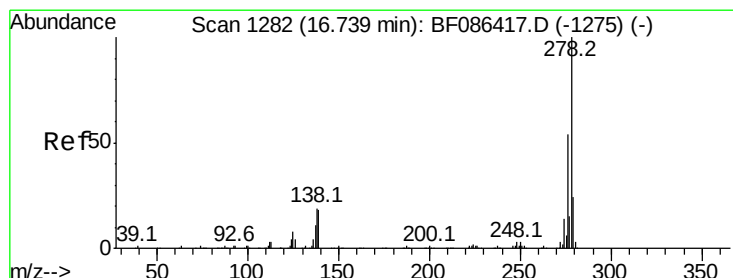
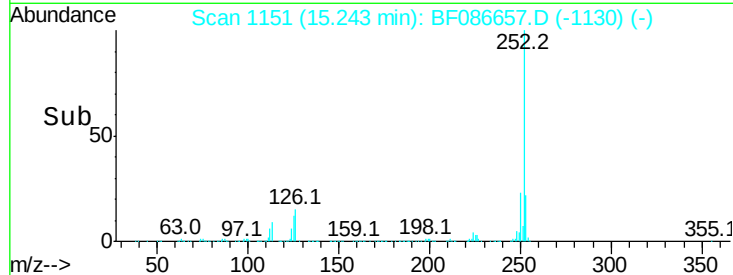
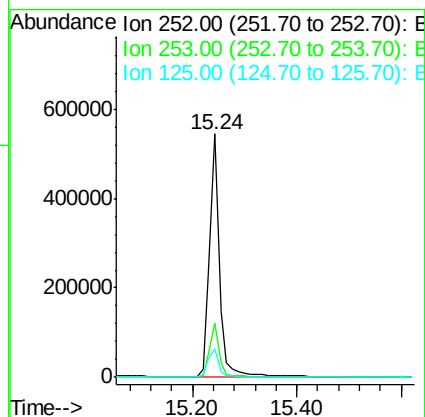
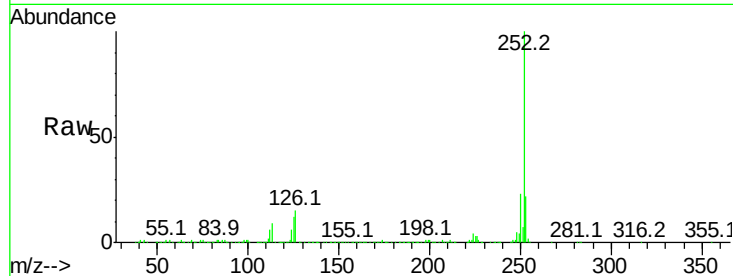
#89  
Benzo(a)pyrene  
Concen: 39.01 ng  
RT: 15.24 min Scan# 1151  
Delta R.T. -0.06 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.2  | 25.8  |
| 125     | 11.8  | 9.0   | 13.6  |

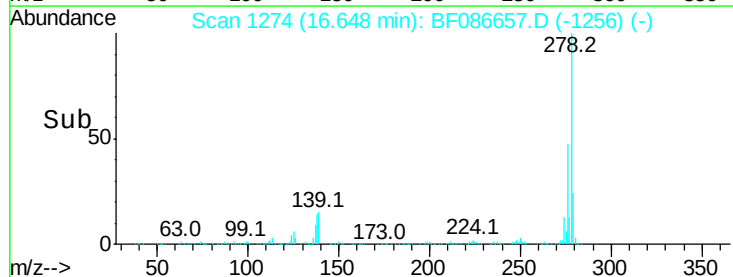
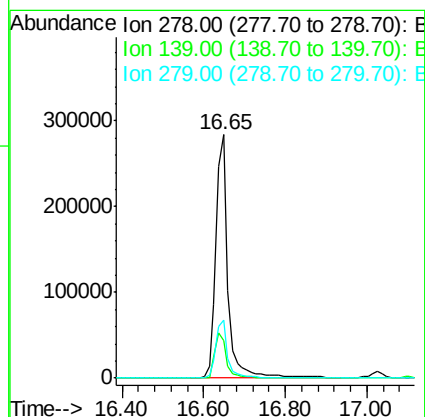
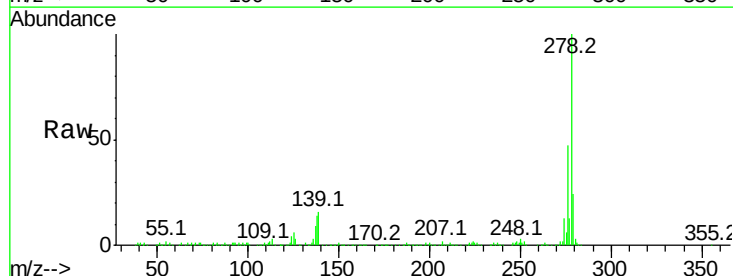
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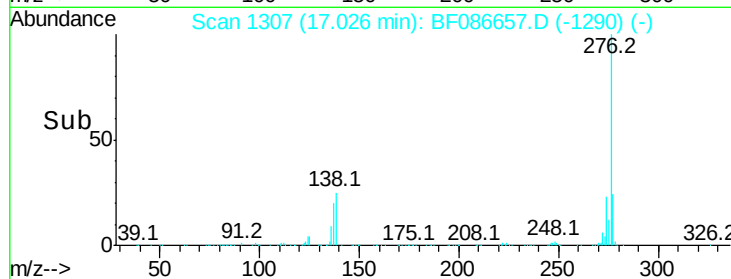
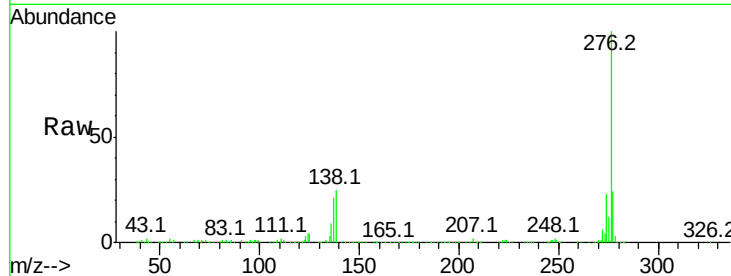
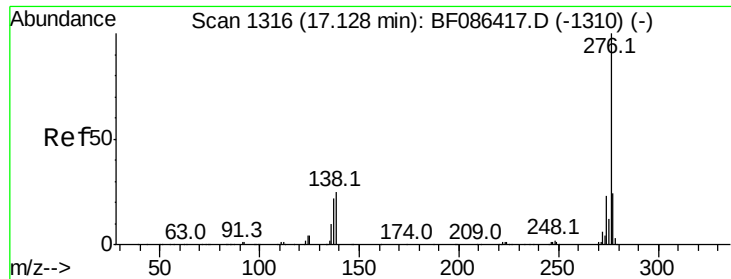
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#90  
Dibenzo(a,h)anthracene  
Concen: 39.48 ng  
RT: 16.65 min Scan# 1274  
Delta R.T. -0.09 min  
Lab File: BF086657.D  
Acq: 3 May 2016 21:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.6  | 16.6  | 24.8# |
| 279     | 23.9  | 19.6  | 29.4  |





#91

Benzo(a,h,i)perylene

Concen: 37.20 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.10 min

Lab File: BF086657.D

Acq: 3 May 2016 21:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 276 Resp: 555258

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 24.8 23.6 35.4

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