

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\  
 Data File : BF087430.D  
 Acq On : 27 May 2016 4:21  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

sohil  
 5/27/2016 7:38:11 PM

Quant Time: May 27 07:44:42 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 25 16:26:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 152602   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 9.54  | 136  | 631392   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 12.38 | 164  | 289379   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 14.78 | 188  | 549198   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.47 | 240  | 387526   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 20.14 | 264  | 314621   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 747269  | 86.05 | ng | -0.01 |
| 7) Phenol-d6             | 7.07  | 99  | 998982  | 85.13 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.43  | 82  | 1059549 | 84.57 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 13.67 | 330 | 215542  | 77.51 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 11.32 | 172 | 1538869 | 74.97 | ng | -0.01 |
| 78) Terphenyl-d14        | 17.12 | 244 | 1450127 | 79.56 | ng | -0.01 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.82  | 88  | 186249  | 40.64 | ng | # 73   |
| 3) Pyridine                    | 2.40  | 79  | 400645  | 39.99 | ng | # 68   |
| 4) n-Nitrosodimethylamine      | 2.38  | 42  | 344590  | 44.64 | ng | # 45   |
| 6) Aniline                     | 7.02  | 93  | 639049  | 42.10 | ng | 93     |
| 8) 2-Chlorophenol              | 7.20  | 128 | 444795  | 41.07 | ng | 96     |
| 9) Benzaldehyde                | 6.82  | 77  | 247051  | 38.13 | ng | 94     |
| 10) Phenol                     | 7.08  | 94  | 543558  | 42.42 | ng | 78     |
| 11) bis(2-Chloroethyl)ether    | 7.15  | 93  | 417009  | 40.21 | ng | 85     |
| 12) 1,3-Dichlorobenzene        | 7.40  | 146 | 473298m | 40.07 | ng |        |
| 13) 1,4-Dichlorobenzene        | 7.54  | 146 | 488911  | 40.31 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.77  | 146 | 456035  | 40.65 | ng | 98     |
| 15) Benzyl Alcohol             | 7.82  | 79  | 367764  | 42.99 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.00  | 45  | 893644  | 38.29 | ng | 86     |
| 17) 2-Methylphenol             | 8.02  | 107 | 362640  | 41.78 | ng | # 83   |
| 18) Hexachloroethane           | 8.28  | 117 | 184684  | 40.82 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.24  | 70  | 343653  | 39.27 | ng | # 70   |
| 20) 3+4-Methylphenols          | 8.28  | 107 | 447987  | 42.70 | ng | # 59   |
| 22) Acetophenone               | 8.20  | 105 | 632515  | 41.93 | ng | # 97   |
| 24) Nitrobenzene               | 8.47  | 77  | 557896  | 42.19 | ng | 96     |
| 25) Isophorone                 | 8.86  | 82  | 892265  | 39.71 | ng | 99     |
| 26) 2-Nitrophenol              | 8.97  | 139 | 232336  | 42.98 | ng | # 80   |
| 27) 2,4-Dimethylphenol         | 9.11  | 122 | 375535  | 40.02 | ng | # 84   |
| 28) bis(2-Chloroethoxy)methane | 9.23  | 93  | 486221  | 38.42 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.38  | 162 | 326523  | 38.61 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 9.47  | 180 | 386833  | 39.96 | ng | 97     |
| 31) Naphthalene                | 9.58  | 128 | 1240953 | 39.22 | ng | 99     |
| 32) Benzoic acid               | 9.46  | 122 | 166940  | 36.18 | ng | # 81   |
| 33) 4-Chloroaniline            | 9.72  | 127 | 480025  | 41.19 | ng | # 94   |
| 34) Hexachlorobutadiene        | 9.79  | 225 | 228677  | 38.86 | ng | 98     |
| 35) Caprolactam                | 10.38 | 113 | 109332m | 44.30 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 10.59 | 107 | 417675  | 43.68 | ng | 92     |
| 37) 2-Methylnaphthalene        | 10.71 | 142 | 788442  | 39.89 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.98 | 216 | 360793  | 38.95 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 10.95 | 237 | 97894   | 32.10 | ng | 95     |

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 BNA\_F  
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 SSTDCCC040

Manual Integrations  
 APPROVED

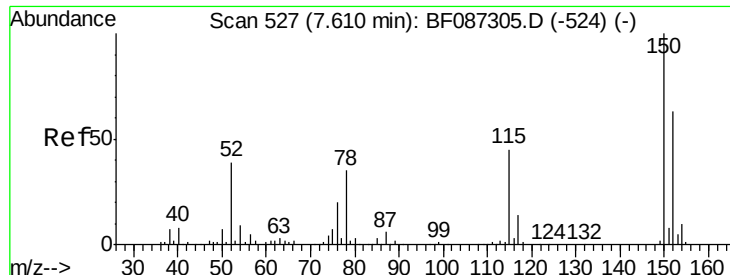
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 5/27/2016 7:38:11 PM

Quant Time: May 27 07:44:42 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 25 16:26:52 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.21 | 196  | 210574   | 39.38 | nq    | 93       |
| 43) 2,4,5-Trichlorophenol      | 11.29 | 196  | 212645   | 39.05 | nq    | # 90     |
| 45) 1,1'-Biphenyl              | 11.47 | 154  | 958698   | 39.35 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 11.48 | 162  | 730428   | 39.19 | nq    | # 91     |
| 47) 2-Nitroaniline             | 11.71 | 65   | 300788   | 44.79 | nq    | 85       |
| 48) Acenaphthylene             | 12.15 | 152  | 1188347  | 40.27 | nq    | 99       |
| 49) Dimethylphthalate          | 12.03 | 163  | 913540   | 39.41 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 12.12 | 165  | 188753   | 40.41 | nq    | # 80     |
| 51) Acenaphthene               | 12.42 | 154  | 722448   | 39.83 | nq    | 98       |
| 52) 3-Nitroaniline             | 12.39 | 138  | 201857   | 42.11 | nq    | # 77     |
| 53) 2,4-Dinitrophenol          | 12.60 | 184  | 65701    | 31.78 | nq    | # 81     |
| 54) Dibenzofuran               | 12.71 | 168  | 958478   | 39.03 | nq    | 92       |
| 55) 4-Nitrophenol              | 12.80 | 139  | 75428    | 32.98 | nq    | # 49     |
| 56) 2,4-Dinitrotoluene         | 12.79 | 165  | 269087   | 43.10 | nq    | 93       |
| 57) Fluorene                   | 13.27 | 166  | 835986   | 39.26 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.95 | 232  | 152687   | 36.45 | nq    | 95       |
| 59) Diethylphthalate           | 13.18 | 149  | 871565   | 38.67 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 13.29 | 204  | 390199   | 37.57 | nq    | 99       |
| 61) 4-Nitroaniline             | 13.41 | 138  | 187256   | 41.85 | nq    | # 71     |
| 62) Azobenzene                 | 13.55 | 77   | 969191   | 41.45 | nq    | 86       |
| 64) 4,6-Dinitro-2-methylphenol | 13.45 | 198  | 133795   | 38.31 | nq    | # 69     |
| 65) n-Nitrosodiphenylamine     | 13.51 | 169  | 672843   | 37.88 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 14.08 | 248  | 229121   | 38.13 | nq    | 93       |
| 67) Hexachlorobenzene          | 14.15 | 284  | 240931   | 38.34 | nq    | # 73     |
| 68) Atrazine                   | 14.42 | 200  | 175983   | 31.08 | nq    | 93       |
| 69) Pentachlorophenol          | 14.51 | 266  | 58112    | 33.64 | nq    | 98       |
| 70) Phenanthrene               | 14.81 | 178  | 1166548  | 38.35 | nq    | 100      |
| 71) Anthracene                 | 14.89 | 178  | 1214794  | 39.53 | nq    | 100      |
| 72) Carbazole                  | 15.19 | 167  | 1060005  | 40.44 | nq    | 99       |
| 73) Di-n-butylphthalate        | 15.76 | 149  | 1225537  | 36.16 | nq    | # 98     |
| 74) Fluoranthene               | 16.57 | 202  | 1200277  | 39.35 | nq    | 96       |
| 76) Benzidine                  | 16.80 | 184  | 423972   | 42.52 | nq    | 97       |
| 77) Pyrene                     | 16.88 | 202  | 1204215  | 43.17 | nq    | 99       |
| 79) Butylbenzylphthalate       | 17.78 | 149  | 474430   | 38.35 | nq    | # 71     |
| 80) Benzo(a)anthracene         | 18.46 | 228  | 858826   | 38.96 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 18.45 | 252  | 490052   | 40.24 | nq    | # 98     |
| 82) Chrysene                   | 18.50 | 228  | 844393   | 38.60 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 18.53 | 149  | 604978   | 33.52 | nq    | # 95     |
| 84) Di-n-octyl phthalate       | 19.30 | 149  | 883903   | 32.11 | nq    | # 85     |
| 85) Indeno(1,2,3-cd)pyrene     | 21.36 | 276  | 802151   | 45.74 | nq    | 94       |
| 87) Benzo(b)fluoranthene       | 19.73 | 252  | 767020   | 38.27 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 19.76 | 252  | 652734m  | 37.84 | nq    |          |
| 89) Benzo(a)pyrene             | 20.08 | 252  | 674795   | 38.93 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 21.37 | 278  | 664226   | 44.93 | nq    | # 92     |
| 91) Benzo(g,h,i)perylene       | 21.71 | 276  | 676421   | 46.37 | nq    | # 91     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 152602

Ion Ratio Lower Upper

152 100

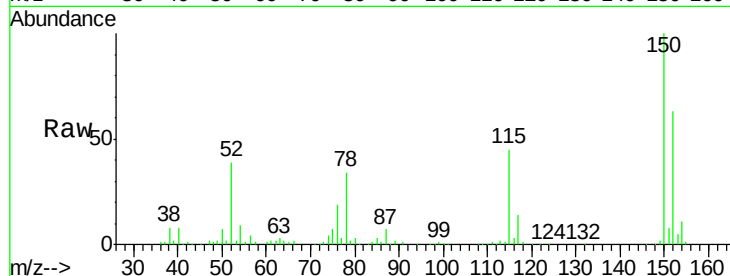
150 158.7 125.8 188.6

115 71.1 51.5 77.3

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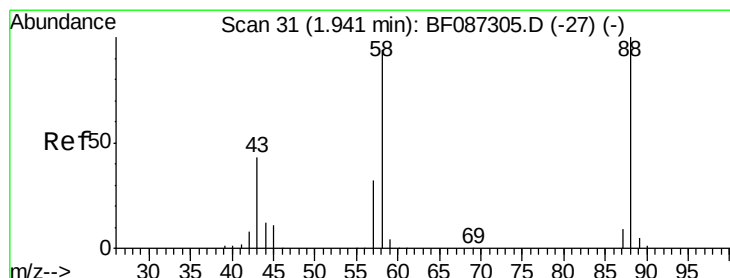
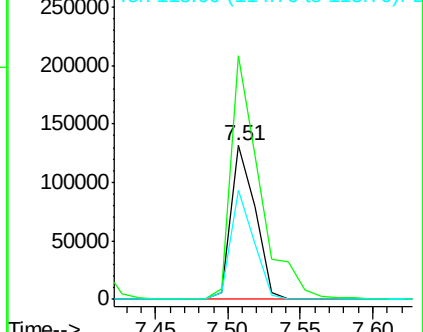
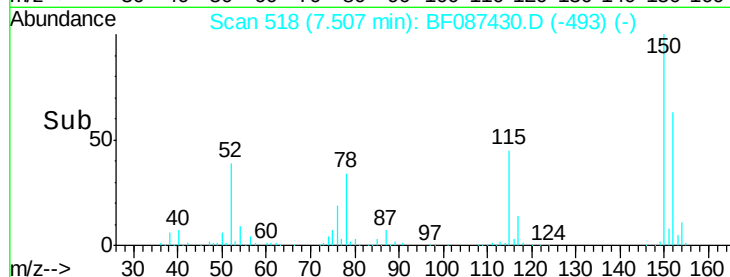
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.64 ng

RT: 1.82 min Scan# 20

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

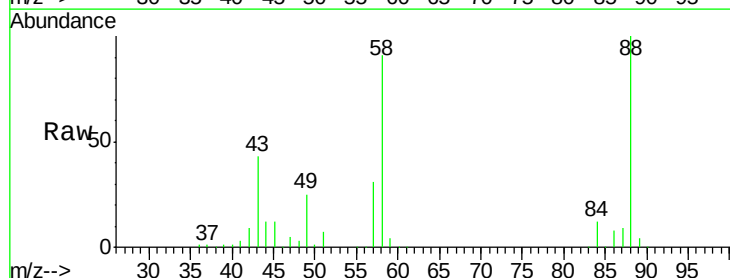
Tgt Ion: 88 Resp: 186249

Ion Ratio Lower Upper

88 100

58 95.4 59.6 89.4#

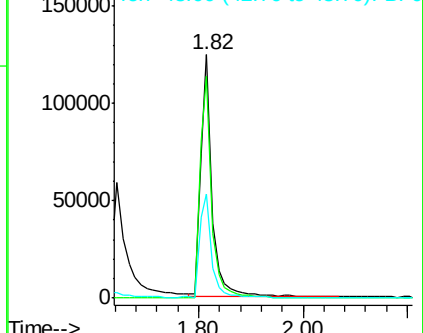
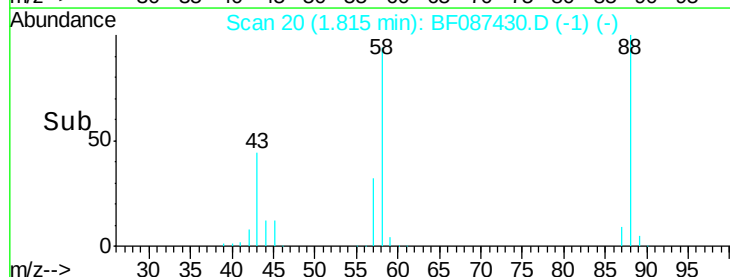
43 45.3 21.8 32.6#

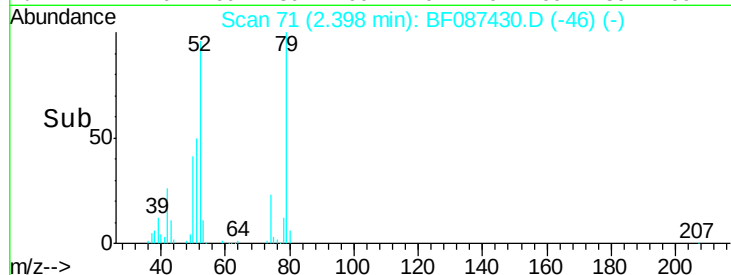
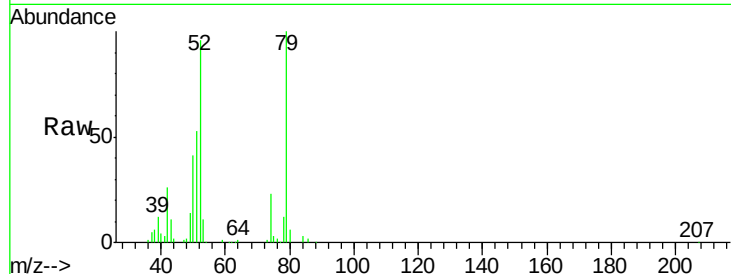
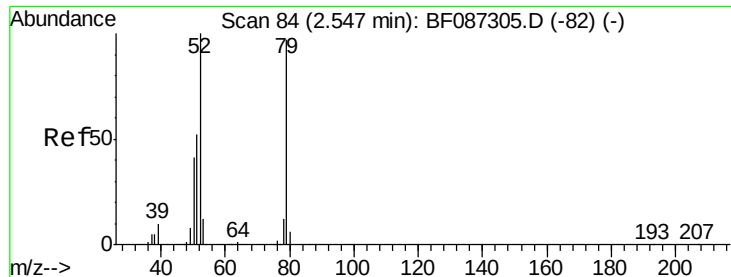


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





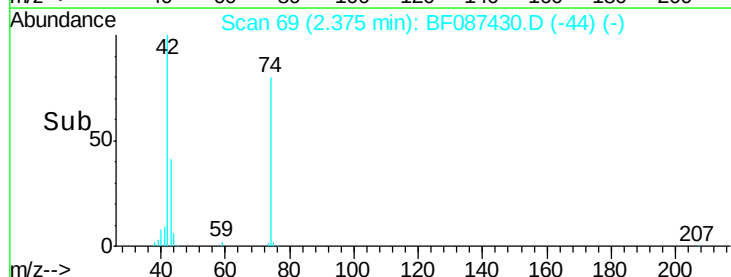
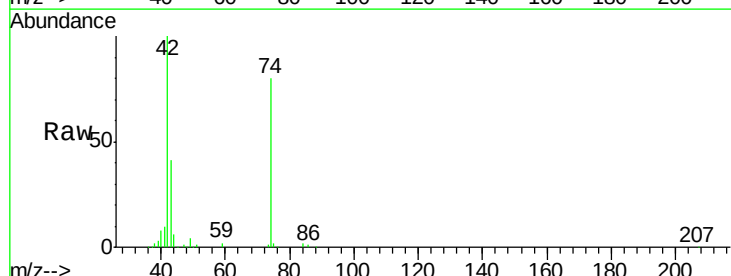
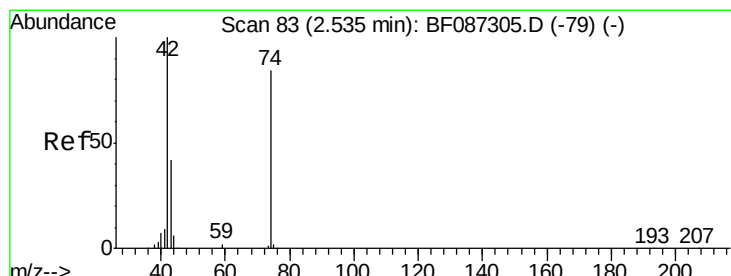
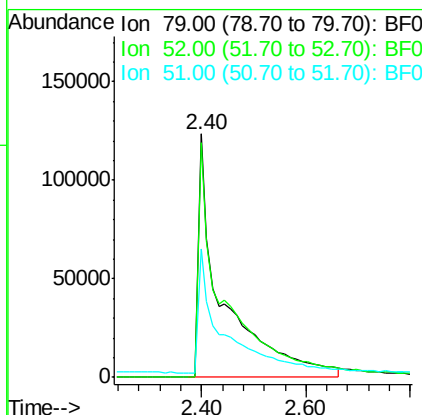
#3  
 Pvridine  
 Concen: 39.99 ng  
 RT: 2.40 min Scan# 71  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 79      | 79  | 100   | 400645 |       |       |
| 52      | 52  | 96.4  |        | 55.9  | 83.9# |
| 51      | 51  | 52.7  |        | 28.1  | 42.1# |

Instrument :  
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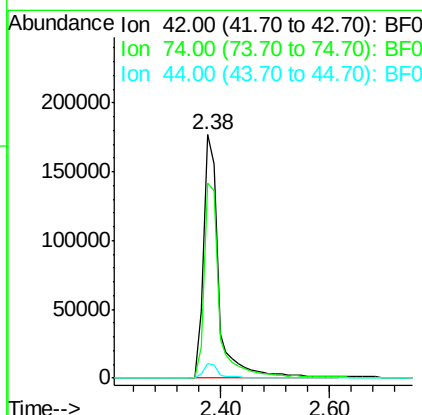
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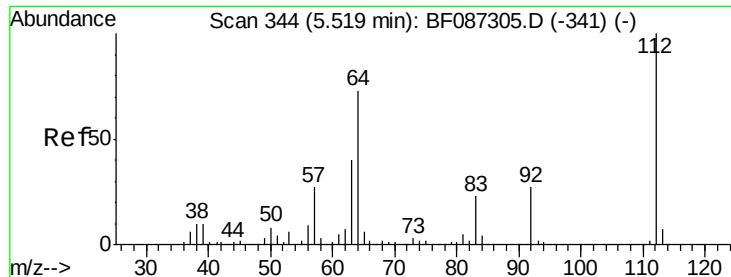
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 5/27/2016 7:38:11 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 44.64 ng  
 RT: 2.38 min Scan# 69  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper  |
|---------|-----|-------|--------|-------|--------|
| 42      | 42  | 100   | 344590 |       |        |
| 74      | 74  | 80.2  |        | 123.4 | 185.0# |
| 44      | 44  | 5.9   |        | 5.8   | 8.6    |





#5

2-Fluorophenol

Concen: 86.05 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

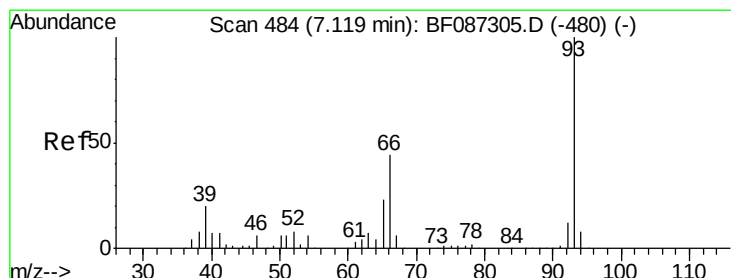
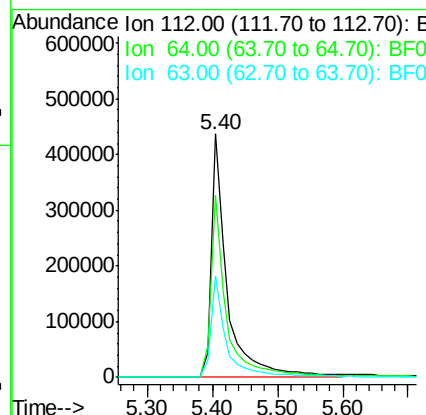
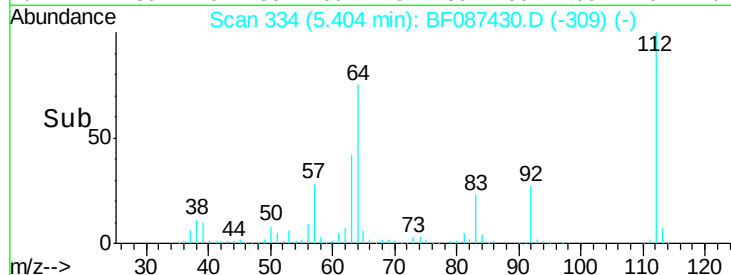
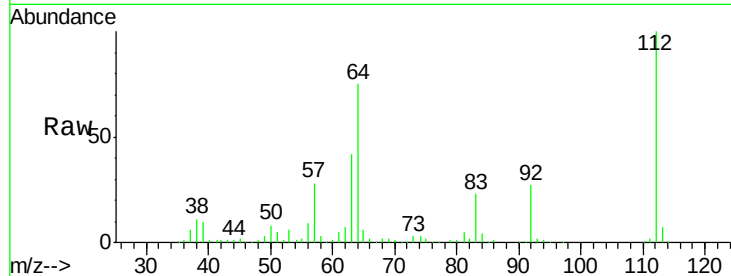
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 747269 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 74.7  | 52.1  | 78.1   |
| 63        | 41.5  | 25.7  | 38.5#  |

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#6

Aniline

Concen: 42.10 ng

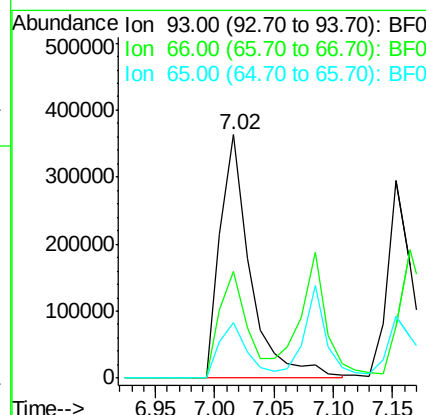
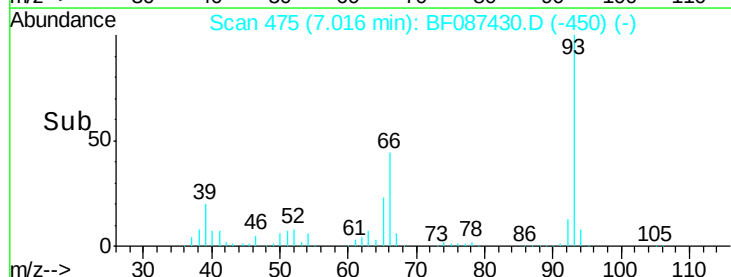
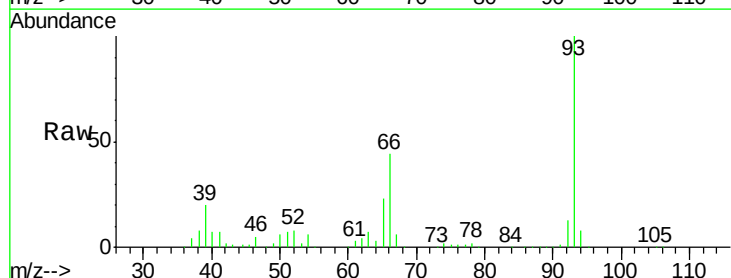
RT: 7.02 min Scan# 475

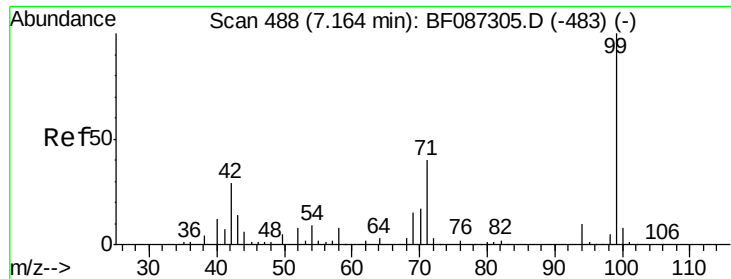
Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 639049 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.0  | 39.0  | 58.6   |
| 65        | 23.0  | 20.6  | 31.0   |





#7

Phenol-d6

Concen: 85.13 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 998982  
Ion Ratio Lower Upper

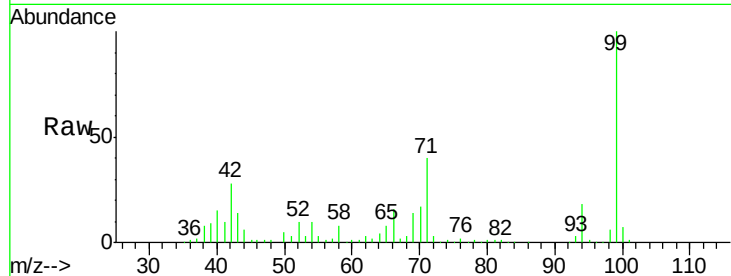
99 100

42 28.2 13.6 20.4#

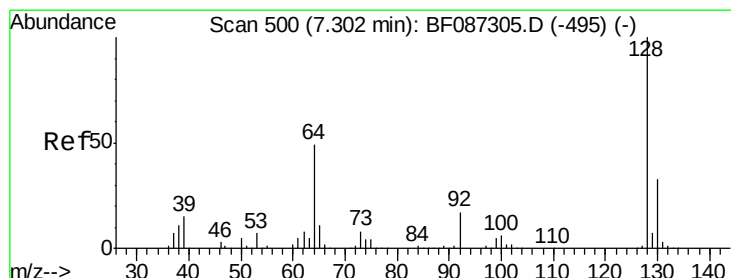
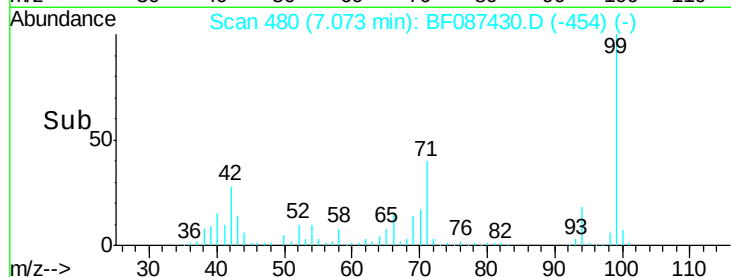
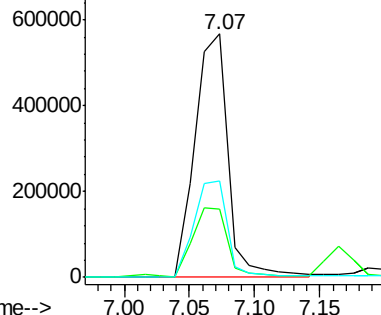
71 39.7 24.6 36.8#

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Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.07 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF087430.D

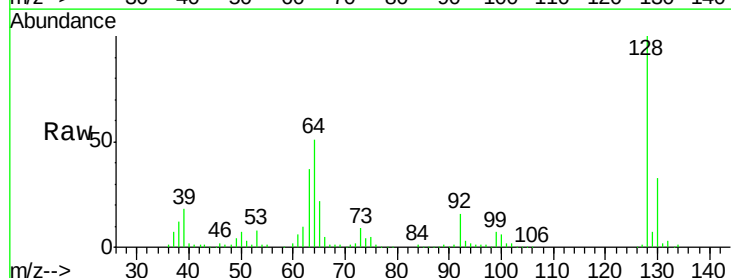
Acq: 27 May 2016 4:21

Tgt Ion: 128 Resp: 444795  
Ion Ratio Lower Upper

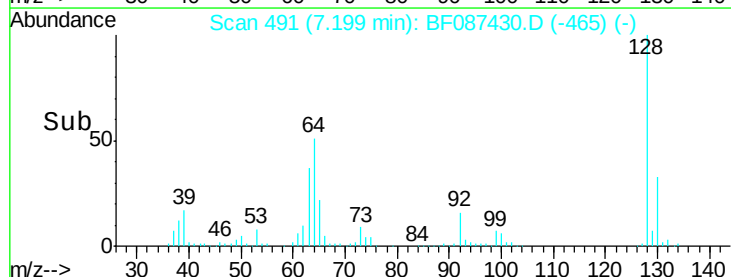
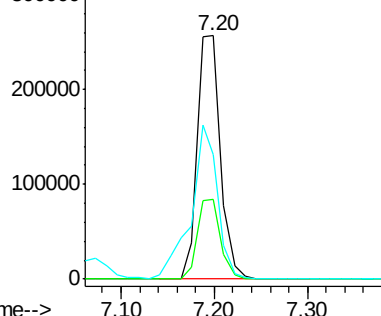
128 100

130 32.8 12.5 52.5

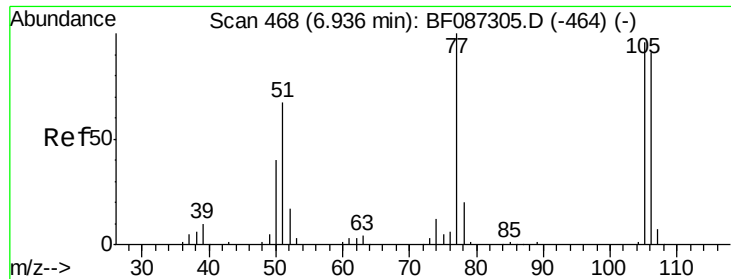
64 51.1 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 38.13 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

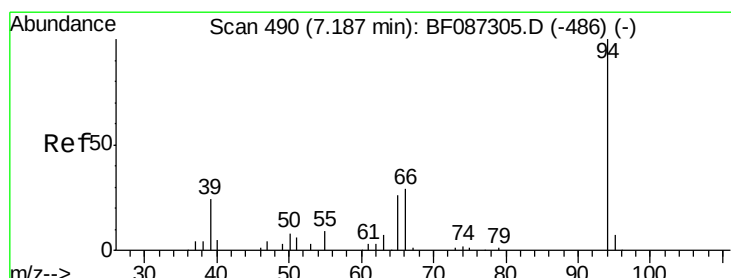
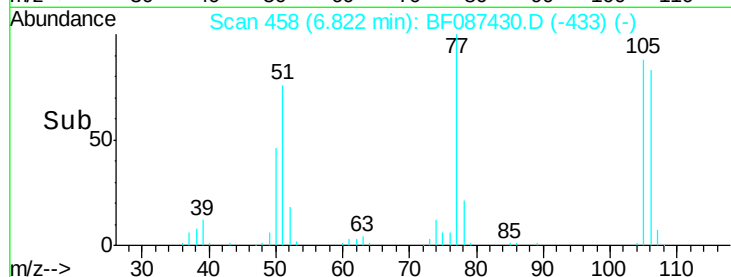
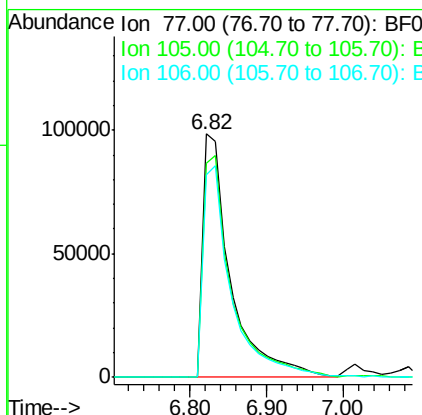
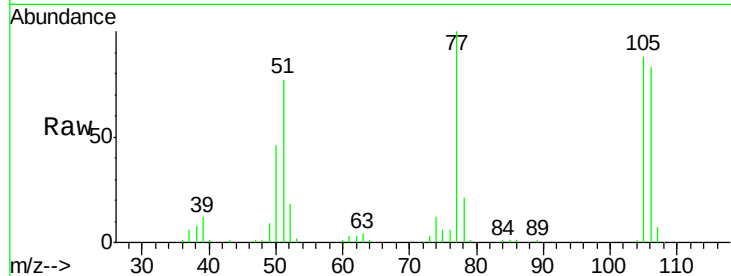
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 247051 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 88.1  | 72.7  | 112.7  |
| 106      | 83.1  | 70.8  | 110.8  |

Manual Integrations  
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#10

Phenol

Concen: 42.42 ng

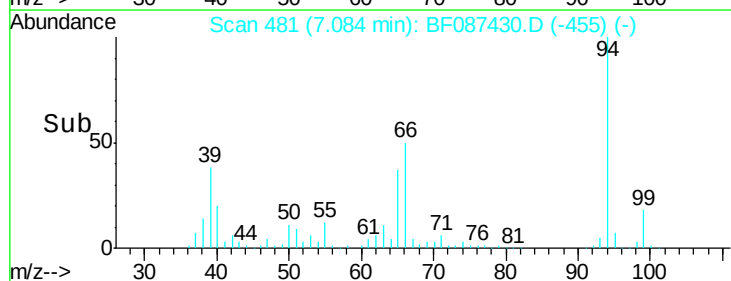
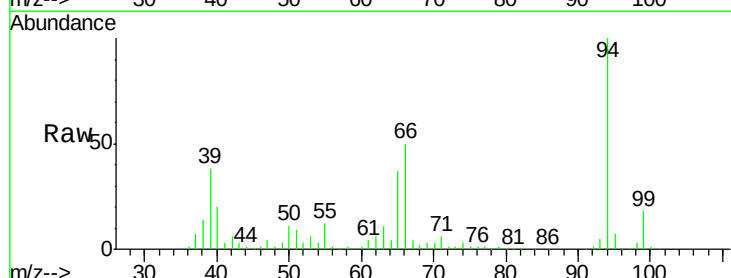
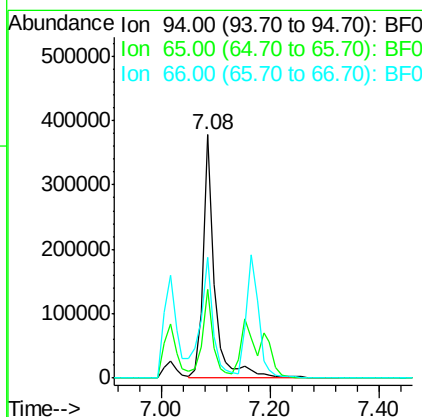
RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

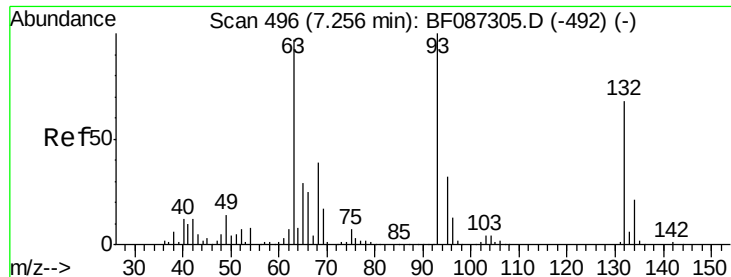
Lab File: BF087430.D

Acq: 27 May 2016 4:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 543558 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 36.6  | 7.2   | 47.2   |
| 66       | 49.5  | 14.9  | 54.9   |







#11

bis(2-Chloroethyl)ether

Concen: 40.21 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

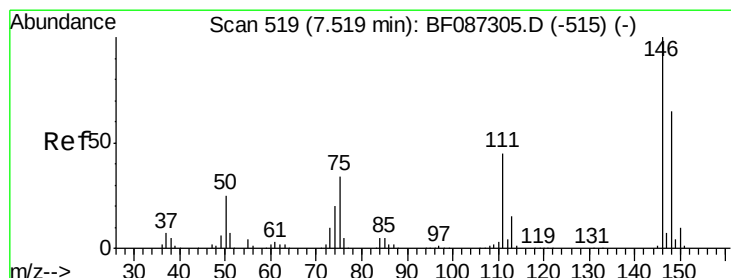
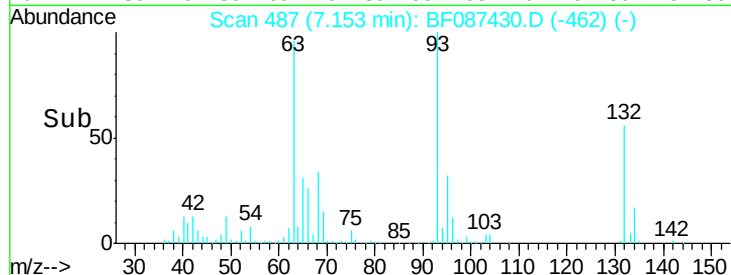
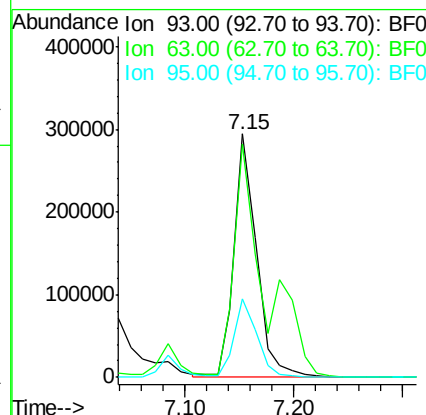
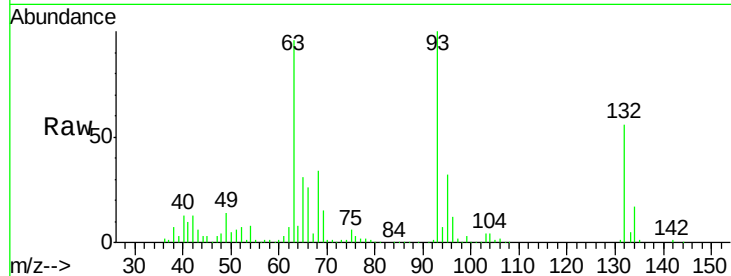
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 417009 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 96.0  | 58.0  | 98.0   |
| 95        | 32.4  | 11.9  | 51.9   |

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#12

1,3-Dichlorobenzene

Concen: 40.07 ng m

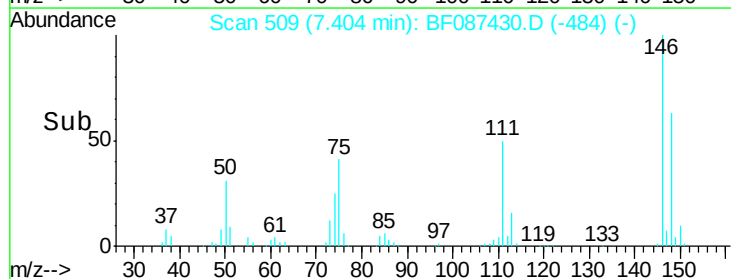
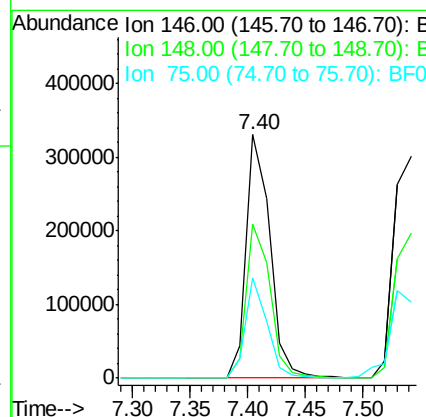
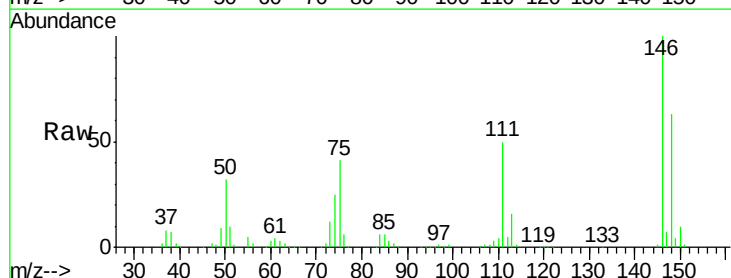
RT: 7.40 min Scan# 509

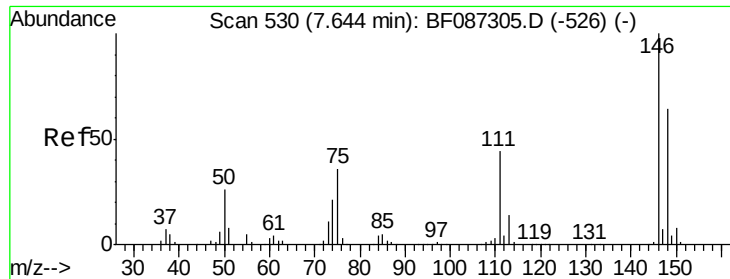
Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 473298 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.1  | 52.4  | 78.6   |
| 75        | 41.3  | 22.8  | 34.2#  |





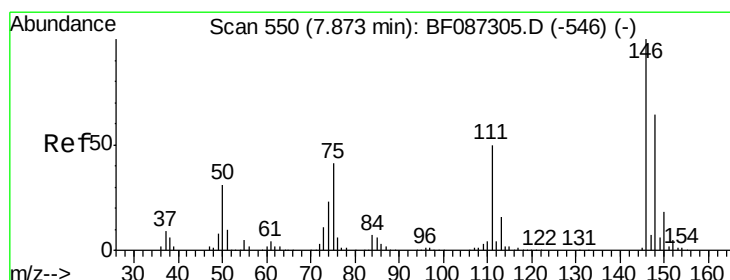
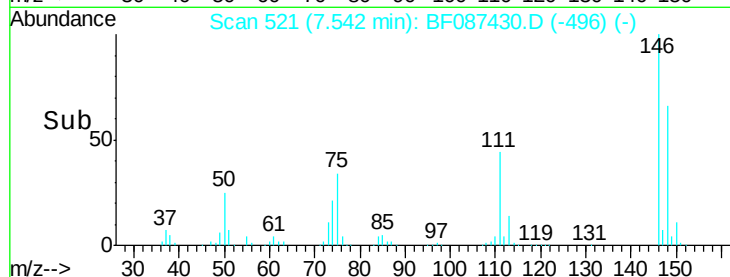
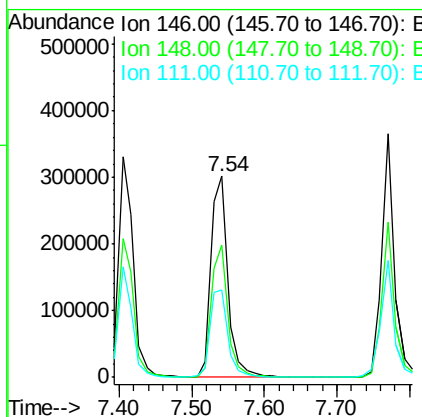
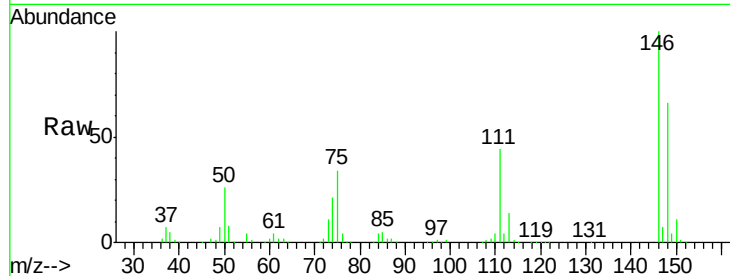
#13  
 1,4-Dichlorobenzene  
 Concen: 40.31 ng  
 RT: 7.54 min Scan# 521  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 488911 |       |       |
| 148     | 65.7 | 52.2  |        | 78.4  |       |
| 111     | 43.6 | 30.7  |        | 46.1  |       |

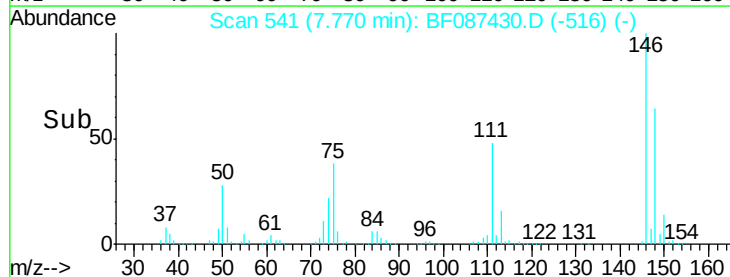
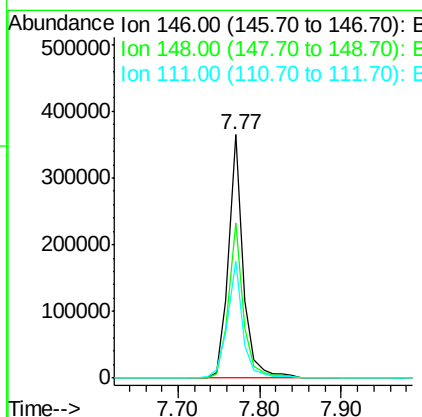
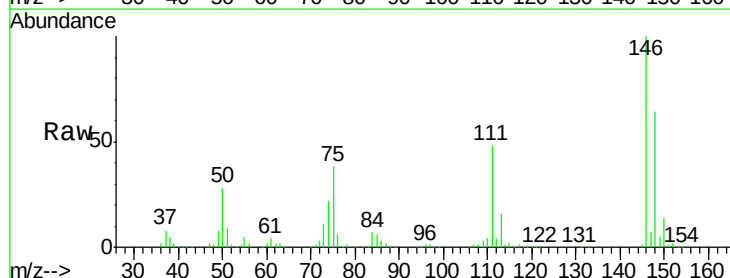
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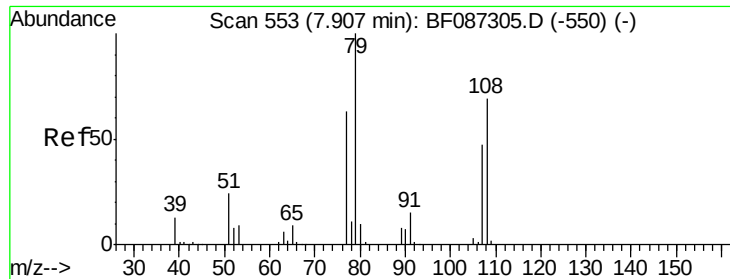
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#14  
 1,2-Dichlorobenzene  
 Concen: 40.65 ng  
 RT: 7.77 min Scan# 541  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 456035 |       |       |
| 148     | 63.7 | 51.0  |        | 76.6  |       |
| 111     | 48.1 | 36.2  |        | 54.4  |       |





#15

Benzyl Alcohol

Concen: 42.99 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

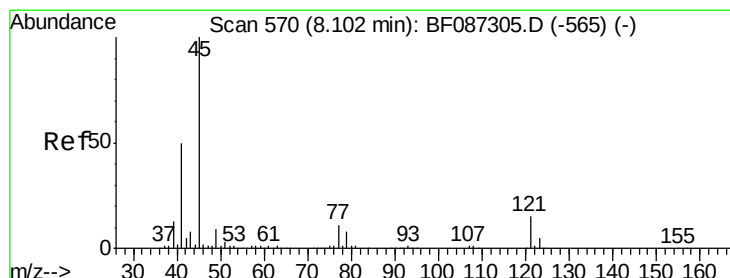
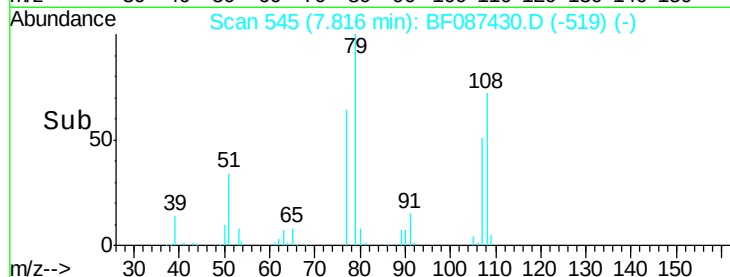
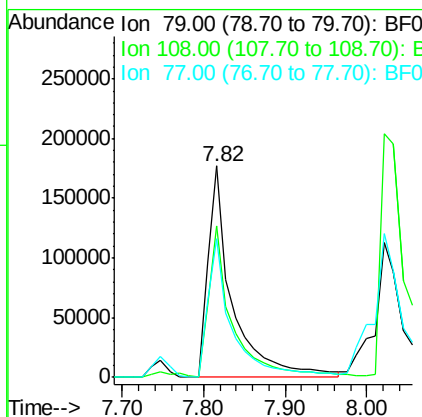
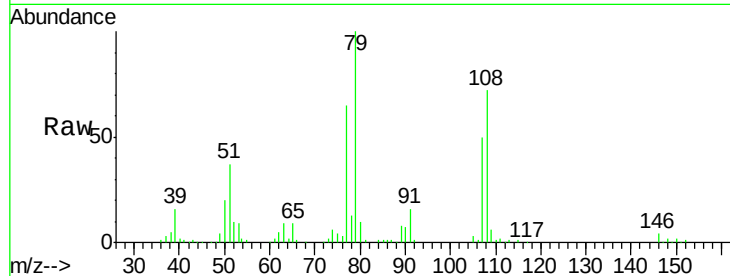
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 367764 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 71.7  | 68.4  | 102.6  |
| 77        | 65.5  | 50.6  | 76.0   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.29 ng

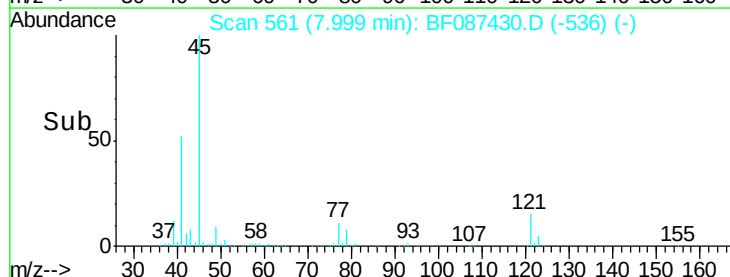
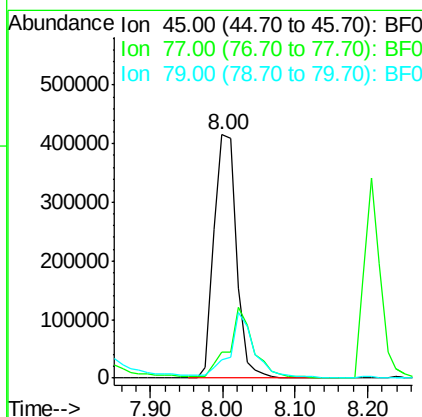
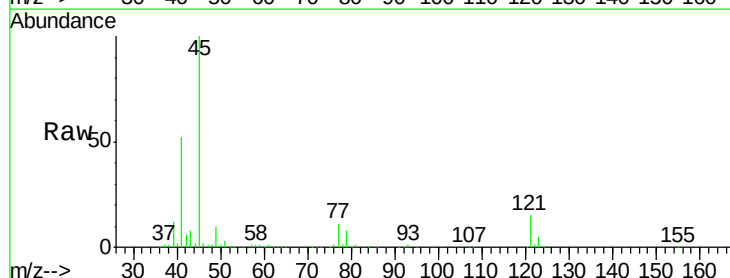
RT: 8.00 min Scan# 561

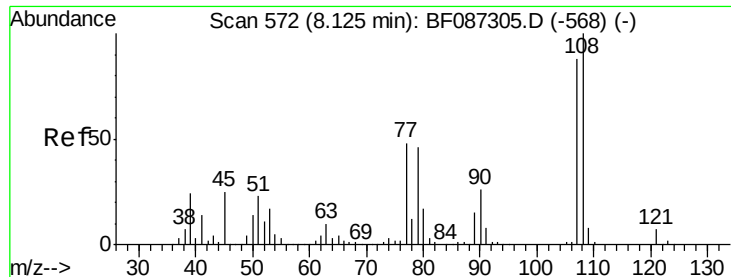
Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 893644 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 10.6  | 0.0   | 36.4   |
| 79        | 7.7   | 0.0   | 33.4   |





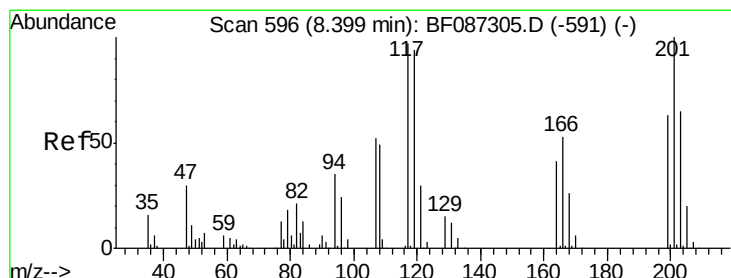
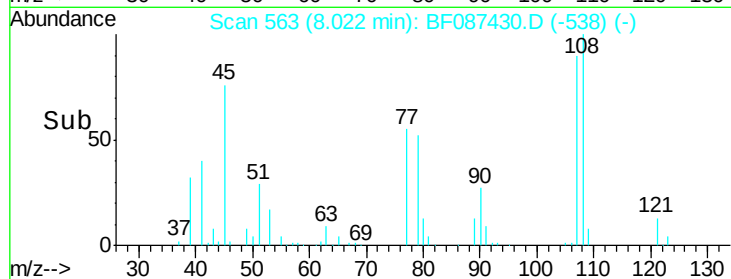
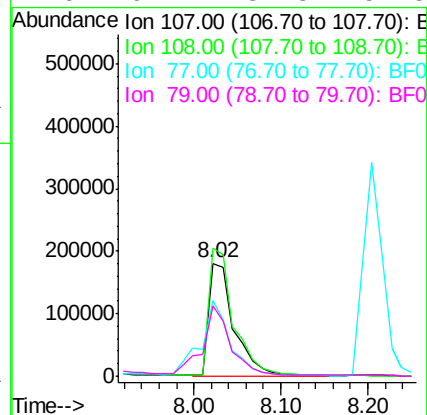
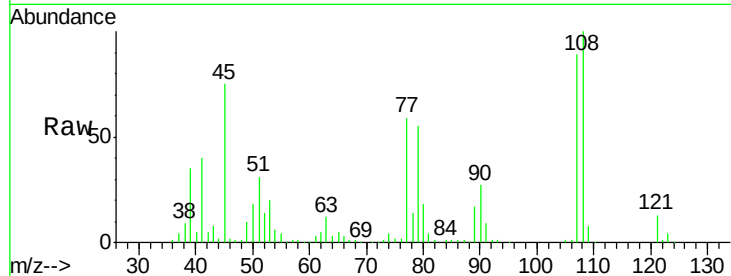
#17  
2-Methylphenol  
Concen: 41.78 ng  
RT: 8.02 min Scan# 563  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.7 | 93.7 | 140.5 |       |
| 77      | 66.5  | 33.4 | 50.0  |       |
| 79      | 62.4  | 34.3 | 51.5  |       |

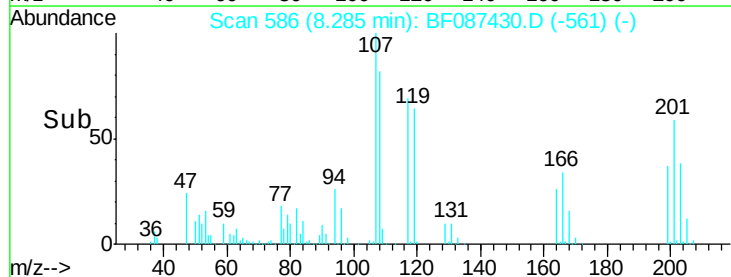
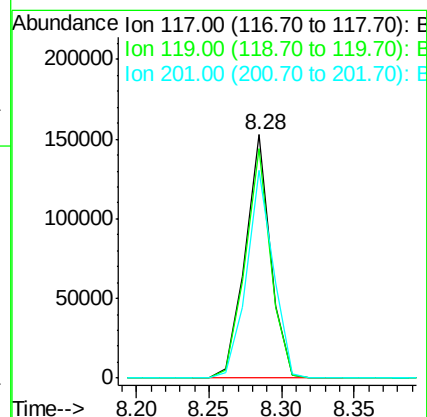
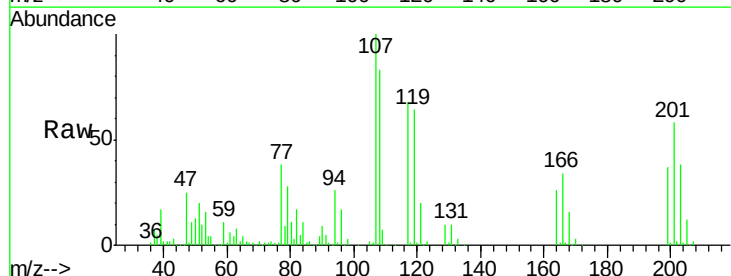
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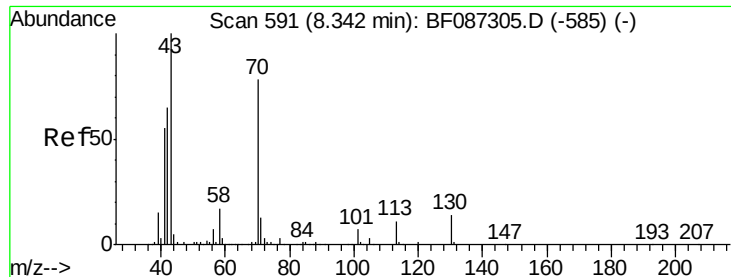
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#18  
Hexachloroethane  
Concen: 40.82 ng  
RT: 8.28 min Scan# 586  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.1  | 76.5 | 114.7 |       |
| 201     | 85.5  | 63.0 | 94.6  |       |





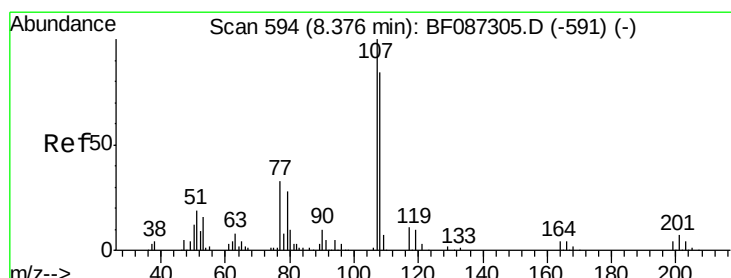
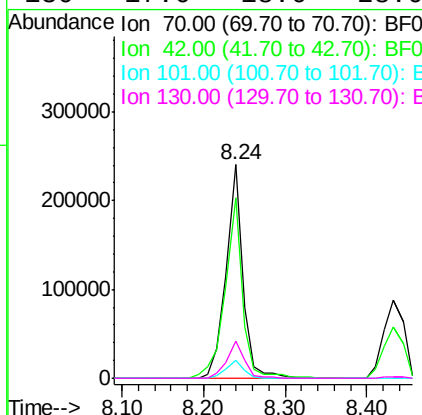
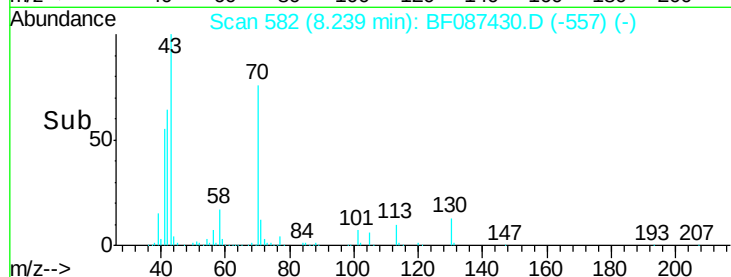
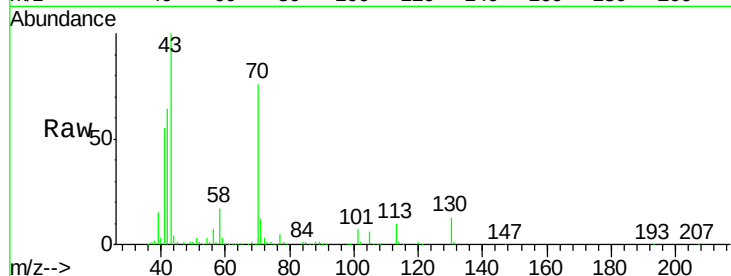
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.27 ng  
RT: 8.24 min Scan# 582  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp Lower | Upper |
|---------|------|-------|------------|-------|
| 70      | 100  |       |            |       |
| 42      | 84.6 | 43.1  | 64.7#      |       |
| 101     | 8.7  | 8.1   | 12.1       |       |
| 130     | 17.6 | 18.6  | 28.0#      |       |

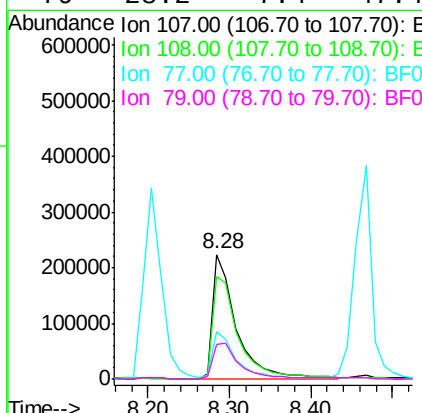
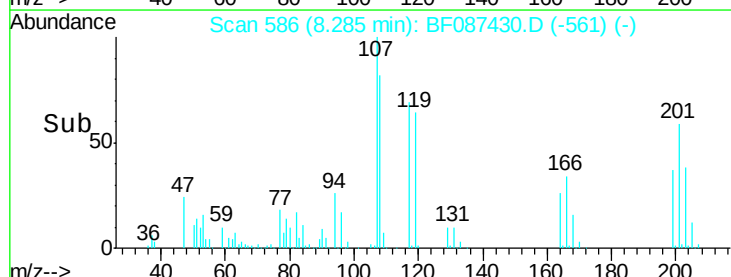
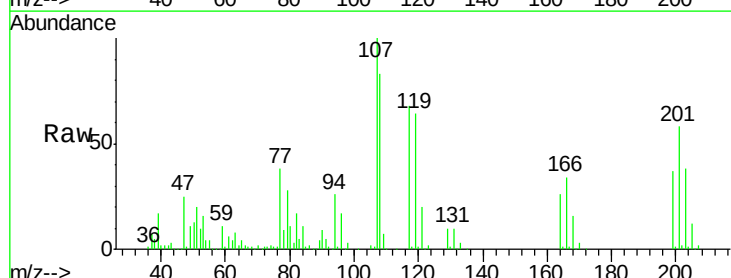
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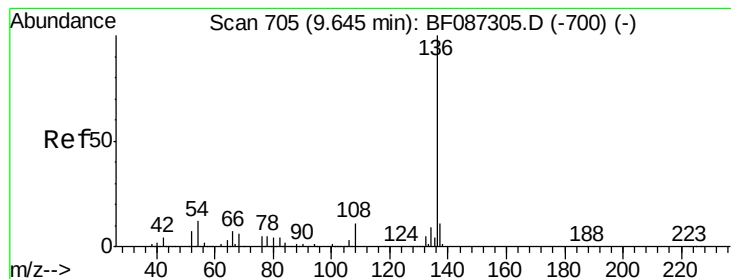
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#20  
3+4-Methylphenols  
Concen: 42.70 ng  
RT: 8.28 min Scan# 586  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ion  | Ratio | Resp Lower | Upper |
|---------|------|-------|------------|-------|
| 107     | 100  |       |            |       |
| 108     | 82.6 | 68.5  | 108.5      |       |
| 77      | 37.5 | 101.6 | 141.6#     |       |
| 79      | 28.2 | 7.4   | 47.4       |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

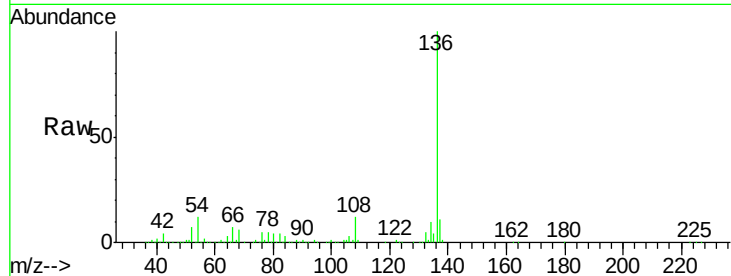
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 10.8  | 8.8        | 13.2  |
| 54      | 11.6  | 5.0        | 7.4#  |
| 68      | 5.7   | 4.4        | 6.6   |

Manual Integrations  
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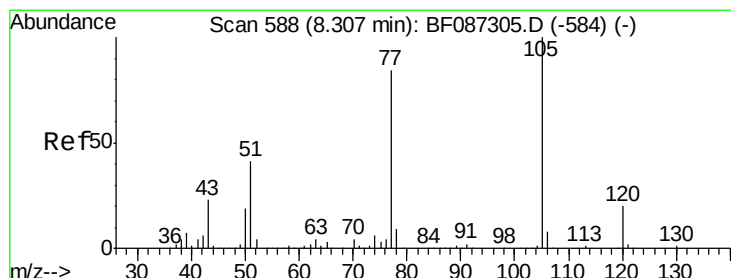
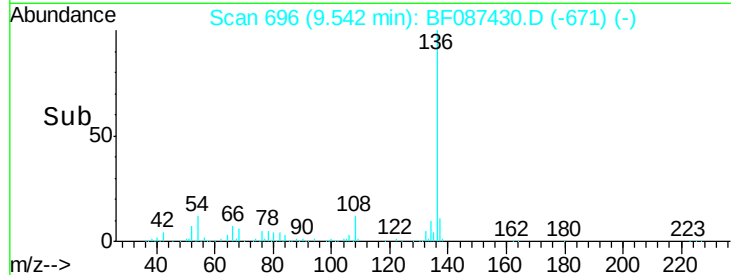
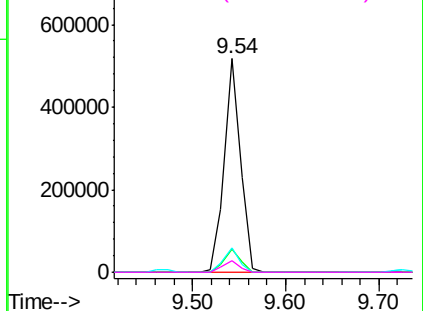


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.93 ng

RT: 8.20 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

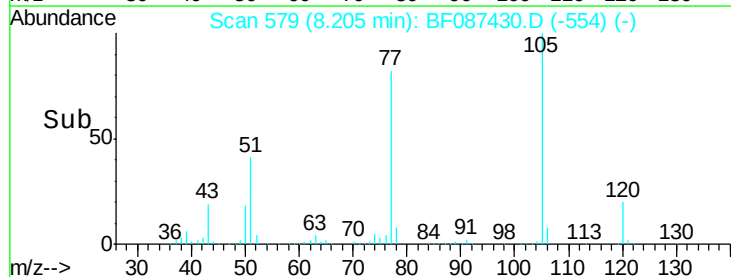
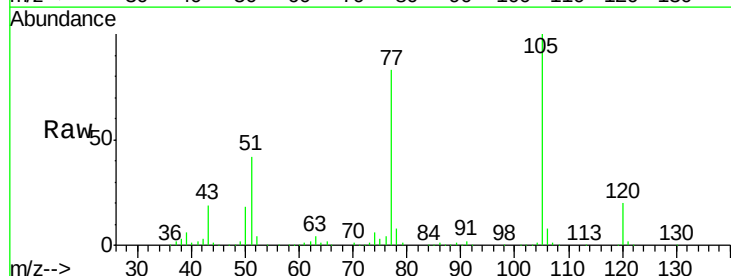
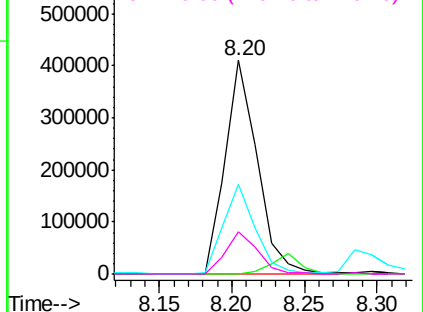
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 0.3   | 4.8        | 7.2#  |
| 51      | 42.0  | 32.6       | 49.0  |
| 120     | 19.5  | 16.5       | 24.7  |

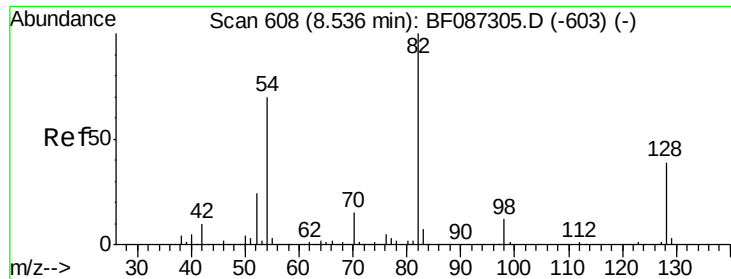
Abundance Ion 105.00 (104.70 to 105.70): E

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





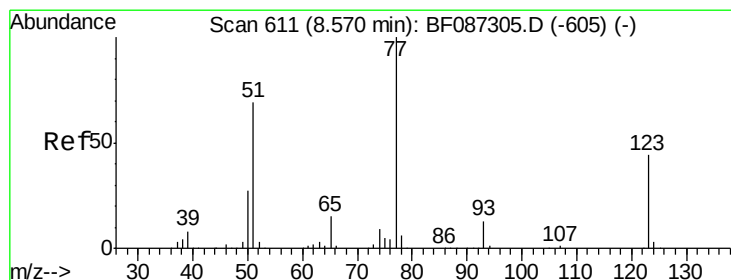
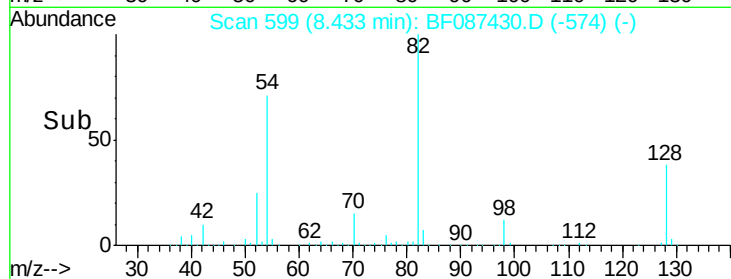
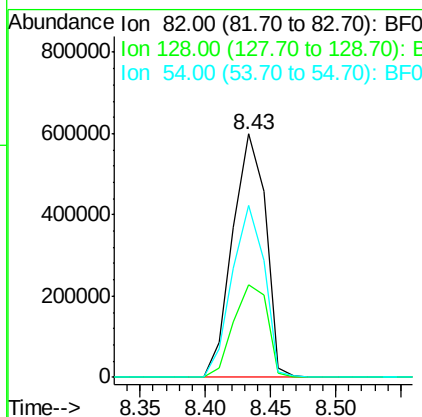
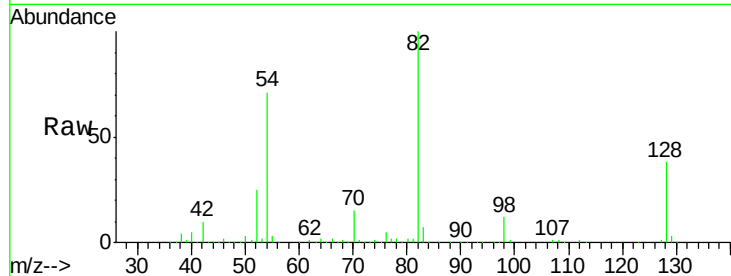
#23  
 Nitrobenzene-d5  
 Concen: 84.57 ng  
 RT: 8.43 min Scan# 599  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 82    | Resp  | 1059549 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 82        | 100   |       |         |
| 128       | 38.1  | 40.6  | 61.0#   |
| 54        | 70.8  | 38.1  | 57.1#   |

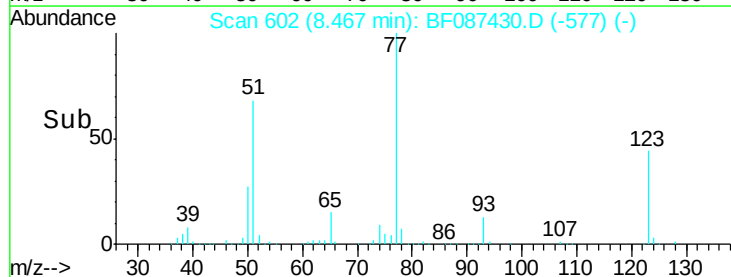
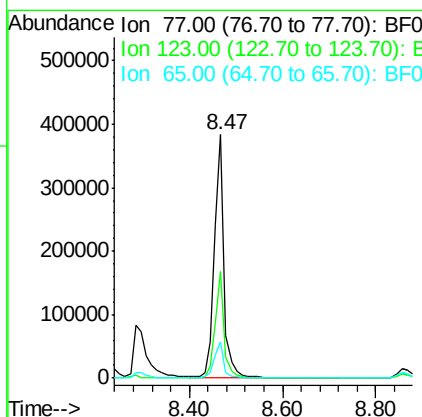
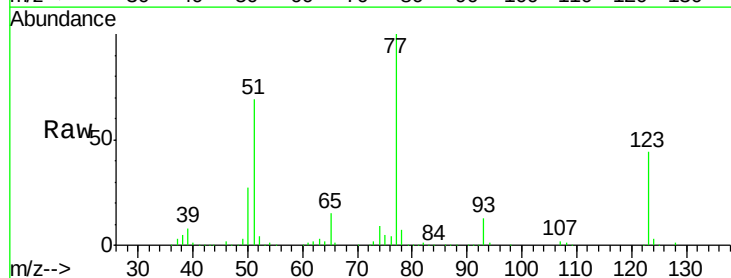
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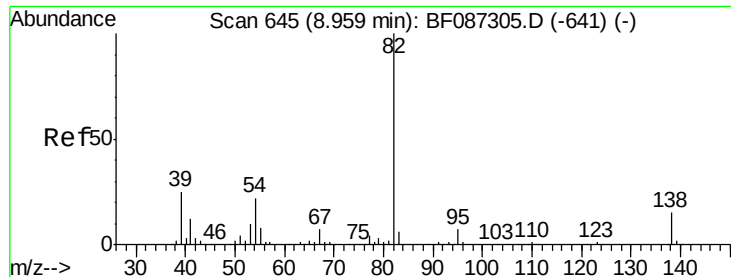


#24  
 Nitrobenzene  
 Concen: 42.19 ng  
 RT: 8.47 min Scan# 602  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion   | 77    | Resp  | 557896 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 43.6  | 33.0  | 49.4   |
| 65        | 14.8  | 10.8  | 16.2   |







#25

Isophorone

Concen: 39.71 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

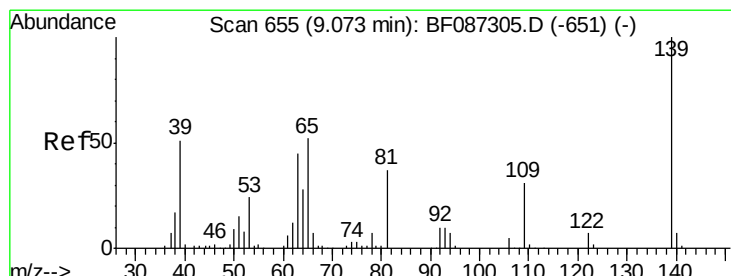
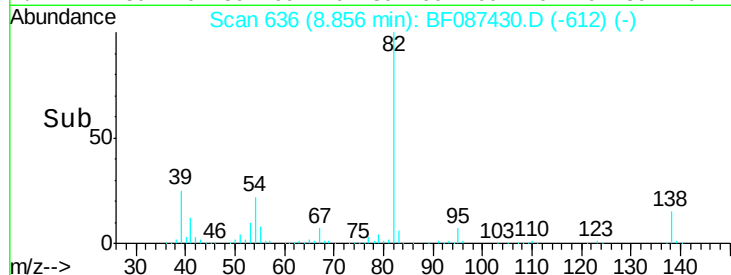
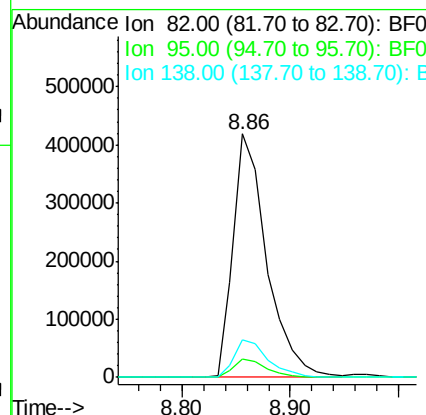
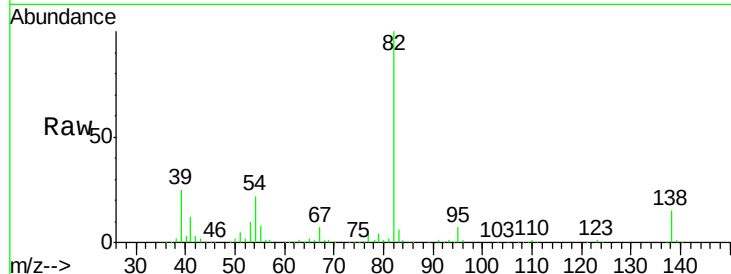
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 892265 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.4  | 5.1   | 7.7    |
| 138       | 15.3 | 12.4  | 18.6   |

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#26

2-Nitrophenol

Concen: 42.98 ng

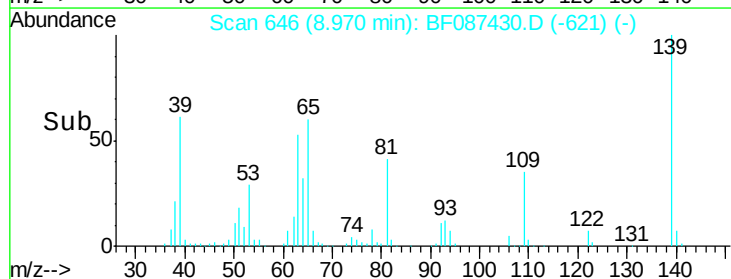
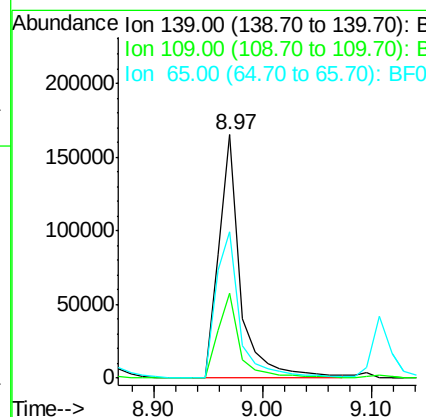
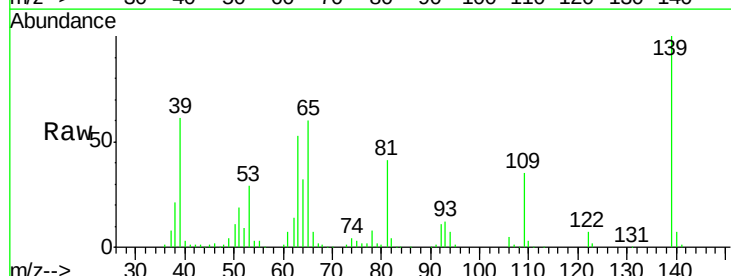
RT: 8.97 min Scan# 646

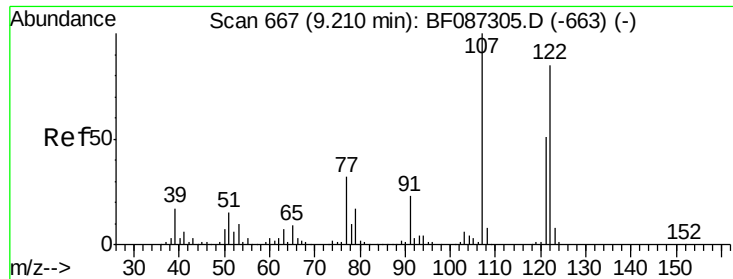
Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 232336 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 34.7 | 19.5  | 29.3#  |
| 65        | 60.1 | 37.5  | 56.3#  |





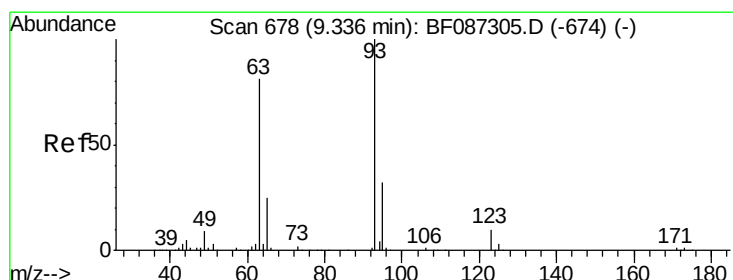
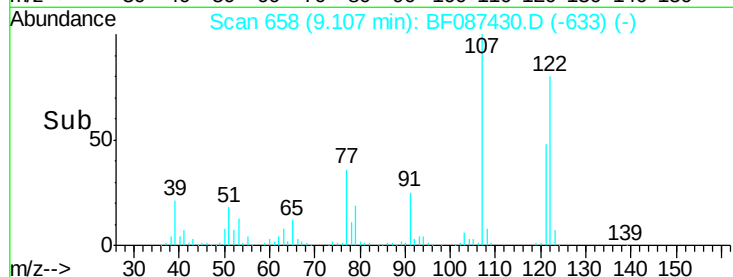
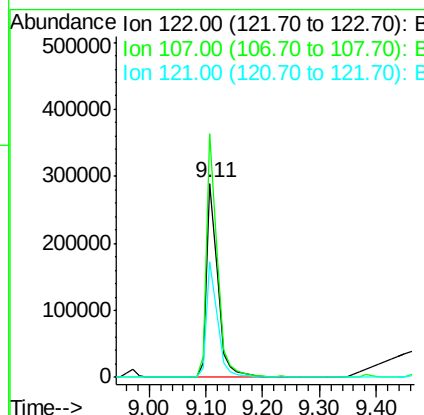
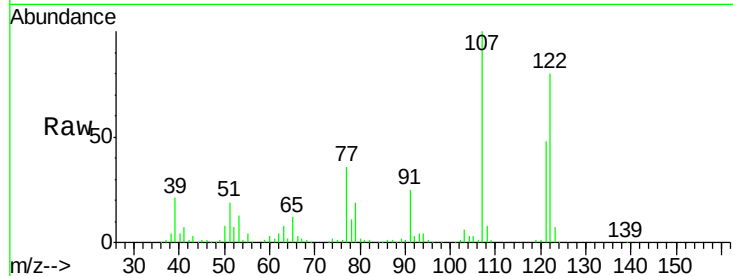
#27  
 2,4-Dimethylphenol  
 Concen: 40.02 ng  
 RT: 9.11 min Scan# 658  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 122     | 100   | 375535 |        |       |
| 107     | 125.7 | 82.0   | 123.0# |       |
| 121     | 60.0  | 46.1   | 69.1   |       |

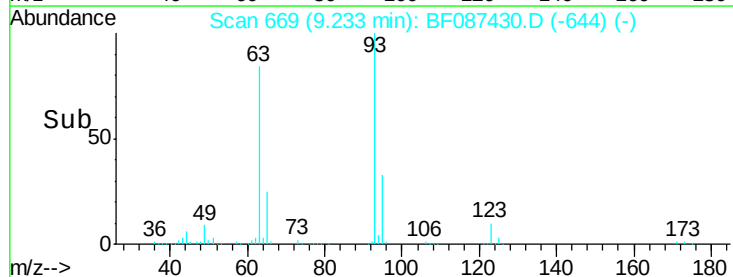
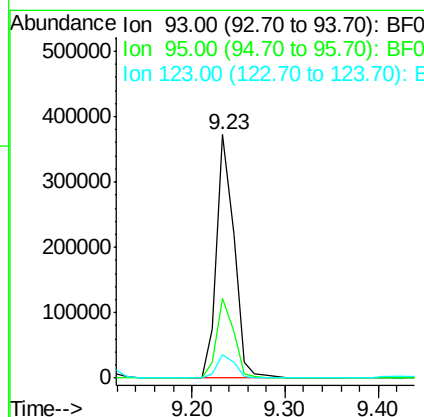
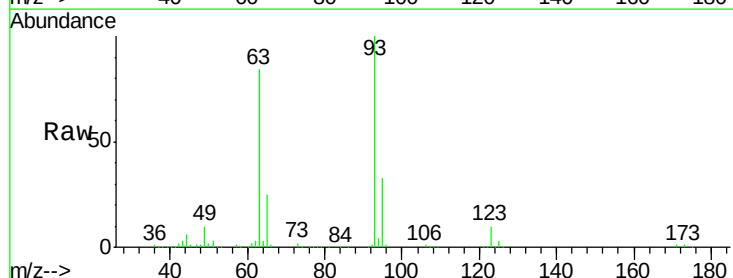
Manual Integrations  
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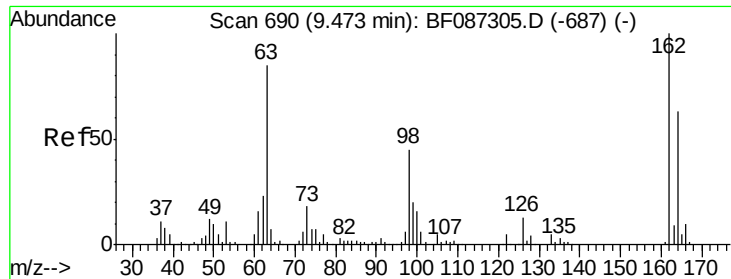
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.42 ng  
 RT: 9.23 min Scan# 669  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 486221 |       |       |
| 95      | 32.6  | 26.0   | 39.0  |       |
| 123     | 9.8   | 9.5    | 14.3  |       |





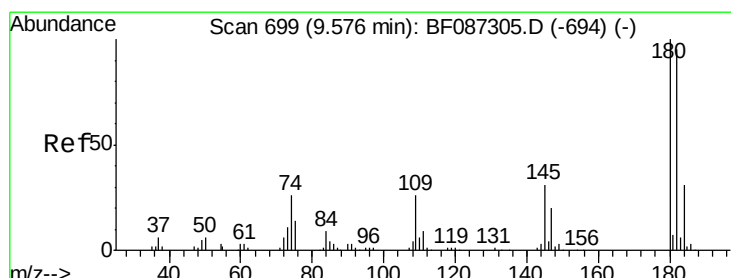
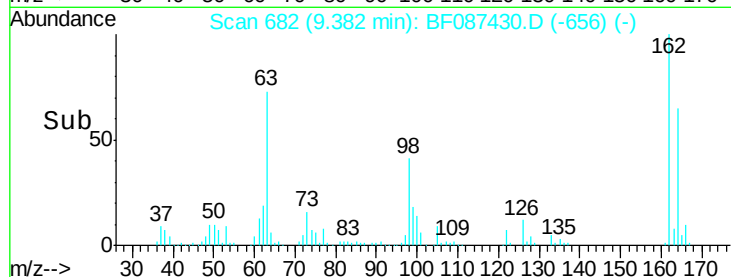
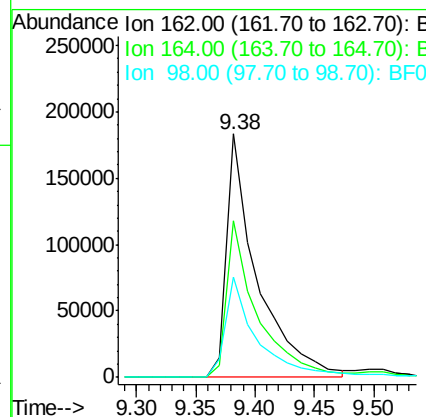
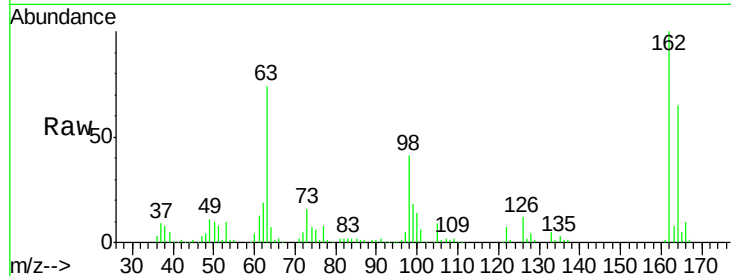
#29  
 2,4-Dichlorophenol  
 Concen: 38.61 ng  
 RT: 9.38 min Scan# 682  
 Delta R.T. -0.00 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 326523 |       |       |
| 164     | 64.5 | 42.2  | 82.2   |       |       |
| 98      | 41.1 | 19.0  | 59.0   |       |       |

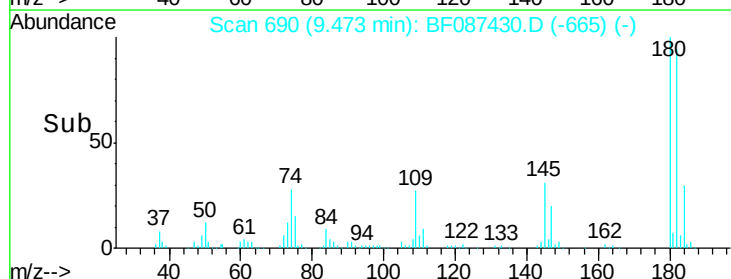
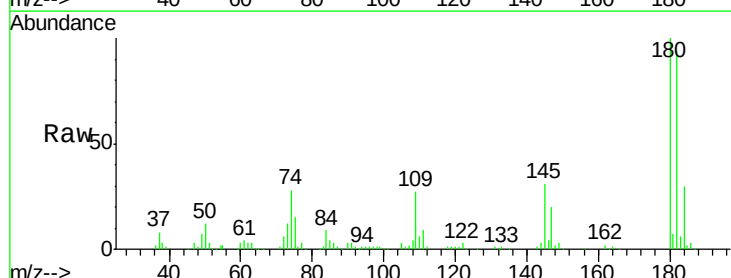
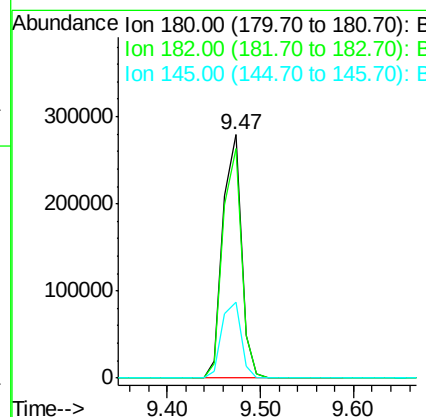
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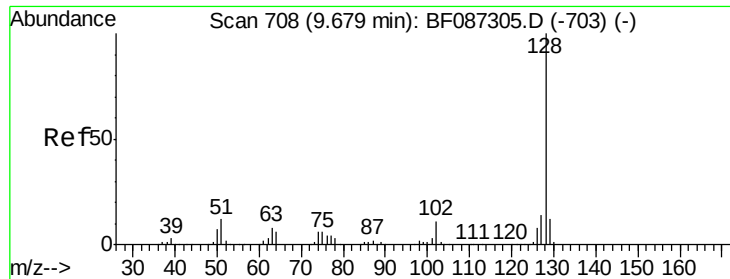
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.96 ng  
 RT: 9.47 min Scan# 690  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 180     | 100  |       | 386833 |       |       |
| 182     | 94.3 | 78.0  | 117.0  |       |       |
| 145     | 31.2 | 24.2  | 36.2   |       |       |





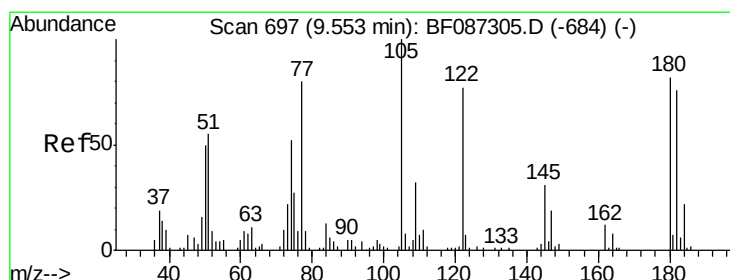
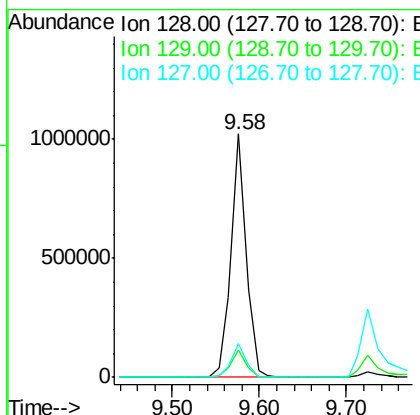
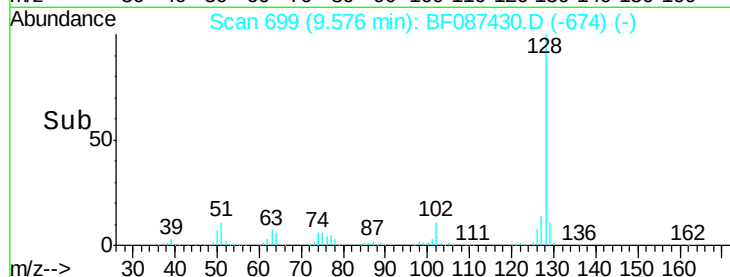
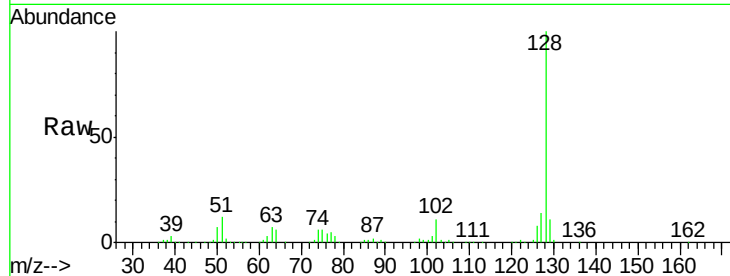
#31  
Naphthalene  
Concen: 39.22 ng  
RT: 9.58 min Scan# 699  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 1240953  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 13.0  
127 13.6 10.8 16.2

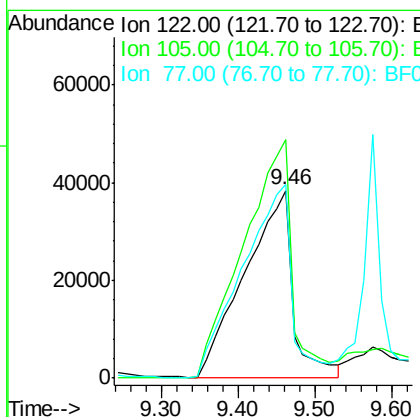
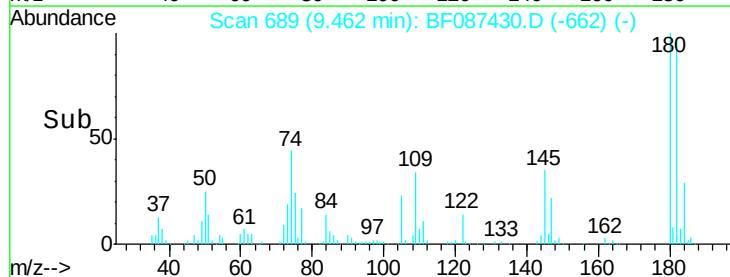
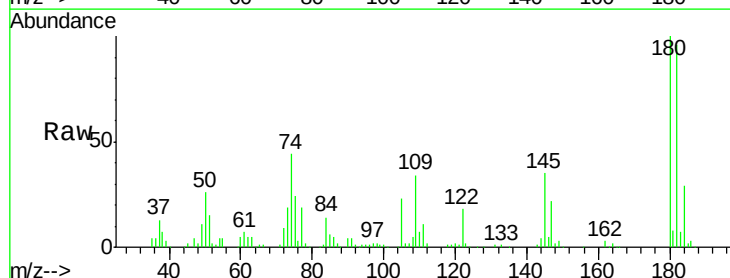
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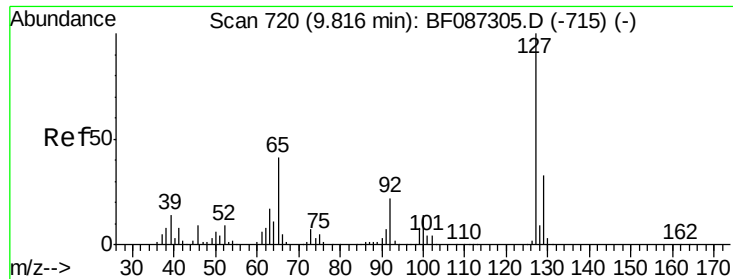
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#32  
Benzoic acid  
Concen: 36.18 ng  
RT: 9.46 min Scan# 689  
Delta R.T. 0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Tgt Ion:122 Resp: 166940  
Ion Ratio Lower Upper  
122 100  
105 127.3 92.6 132.6  
77 103.0 60.0 100.0#





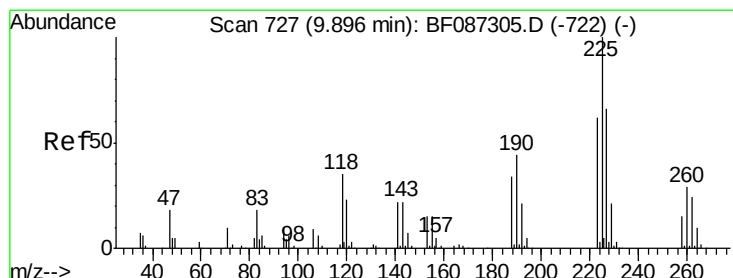
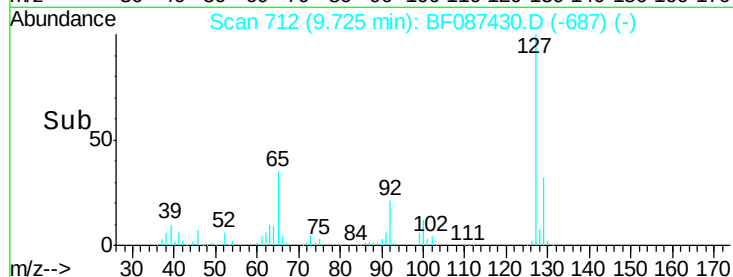
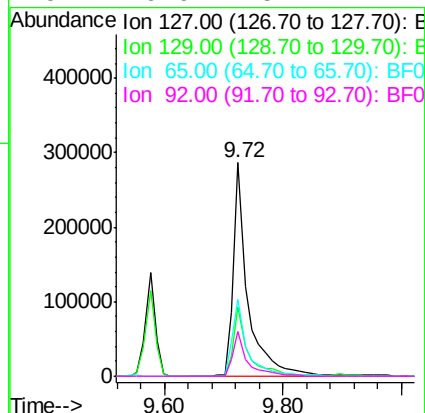
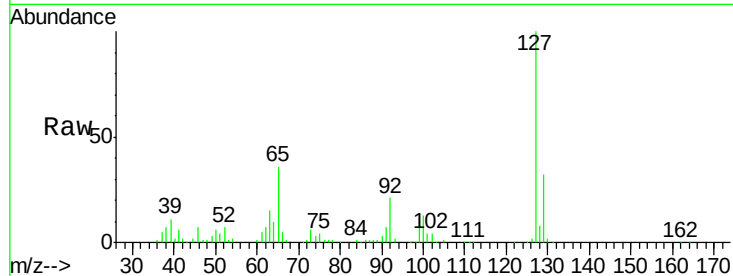
#33  
4-Chloroaniline  
Concen: 41.19 ng  
RT: 9.72 min Scan# 712  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 32.1  | 26.2       | 39.4  |
| 65      | 35.9  | 23.0       | 34.4  |
| 92      | 20.9  | 15.1       | 22.7  |

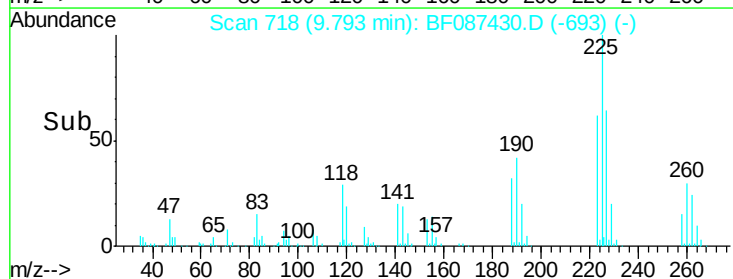
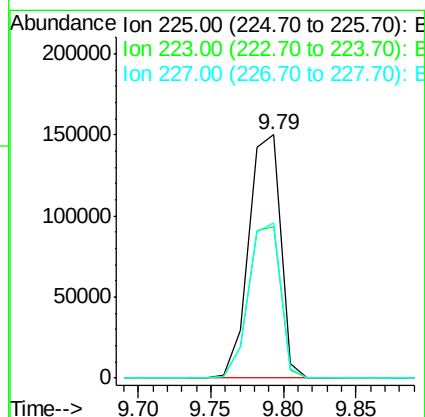
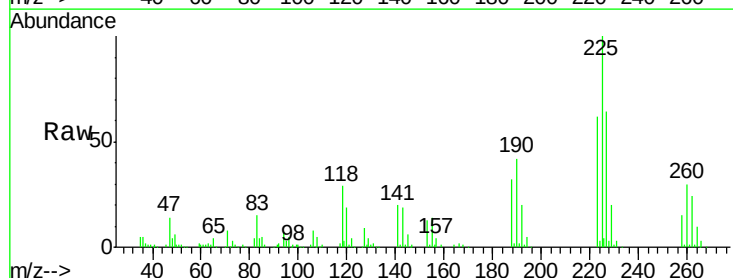
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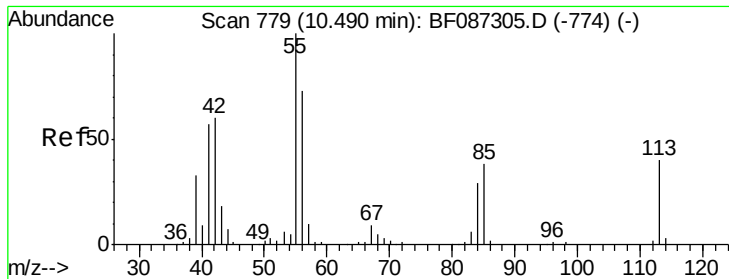
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#34  
Hexachlorobutadiene  
Concen: 38.86 ng  
RT: 9.79 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 62.0  | 51.5       | 77.3  |
| 227     | 64.0  | 52.2       | 78.2  |





#35

Caprolactam

Concen: 44.30 ng/ml

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 109332  
Ion Ratio Lower Upper

113 100

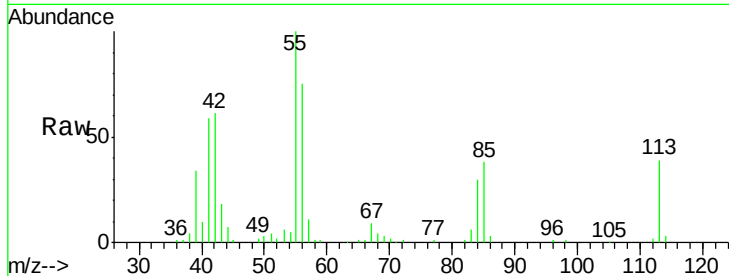
55 255.3 162.0 202.0#

56 190.3 115.3 155.3#

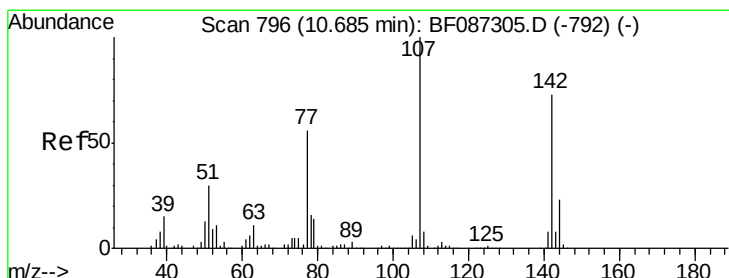
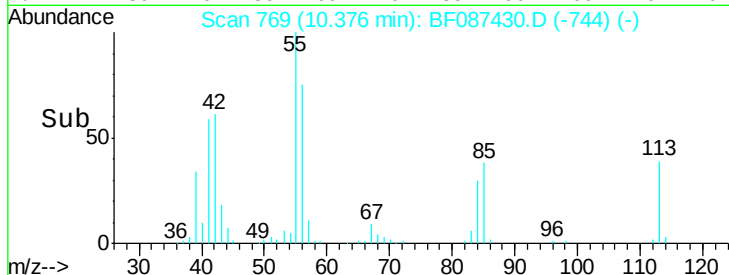
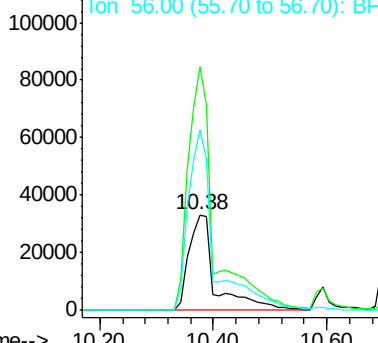
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Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.68 ng/ml

RT: 10.59 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF087430.D

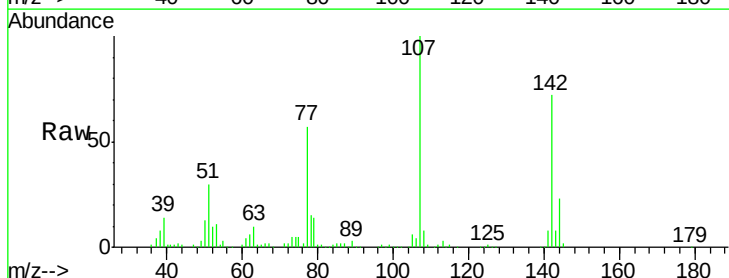
Acq: 27 May 2016 4:21

Tgt Ion:107 Resp: 417675  
Ion Ratio Lower Upper

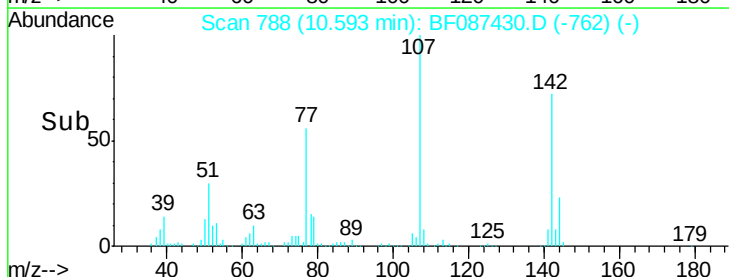
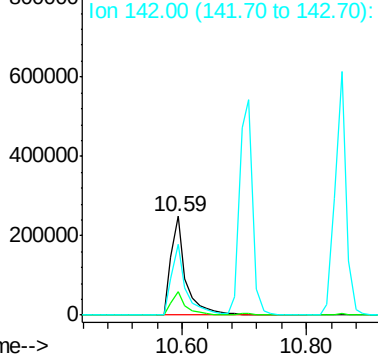
107 100

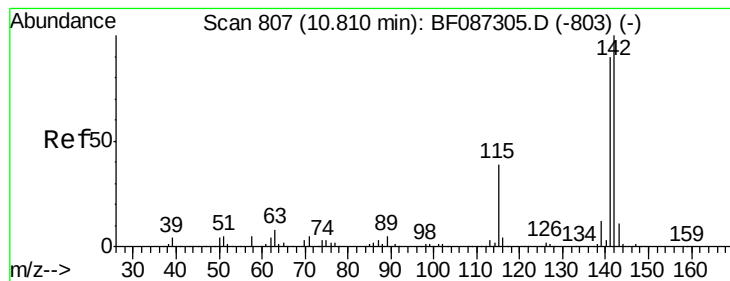
144 23.2 20.7 31.1

142 71.7 63.2 94.8



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





#37

2-Methylnaphthalene

Concen: 39.89 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

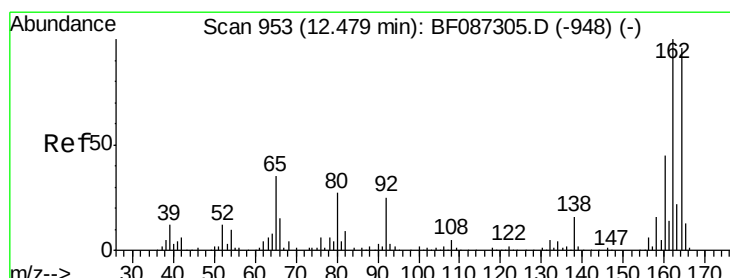
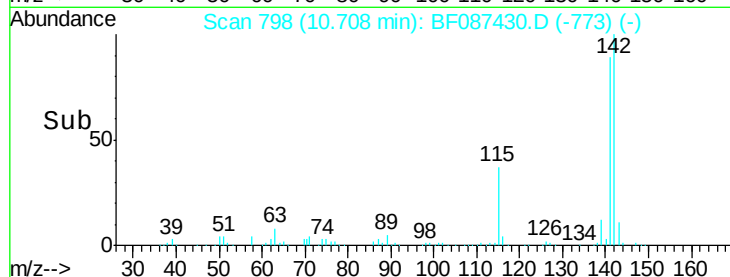
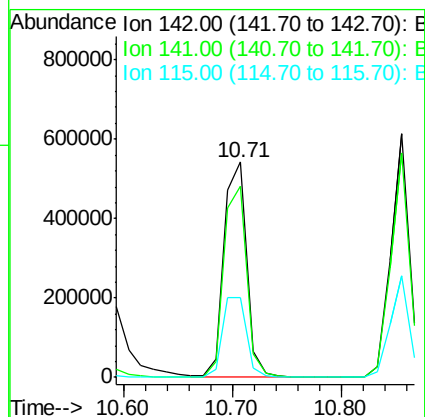
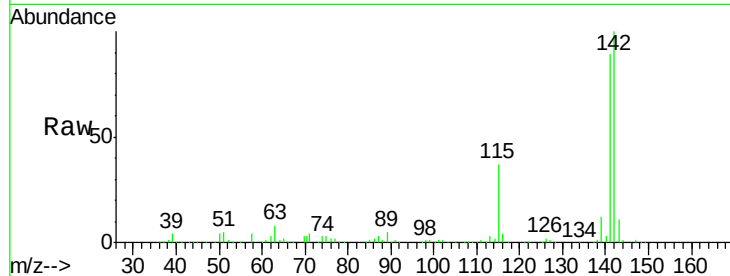
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 788442 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.1  | 71.0  | 106.6  |
| 115       | 37.4  | 26.6  | 39.8   |

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#38

Acenaphthene-d10

Concen: 20.00 ng

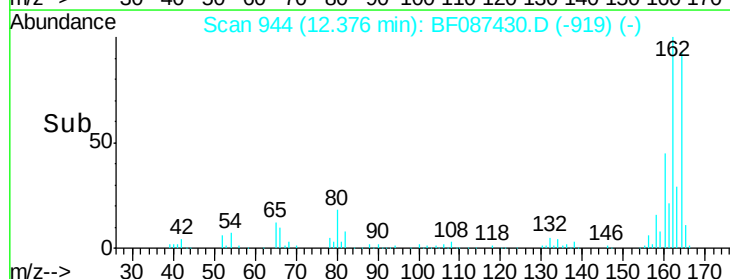
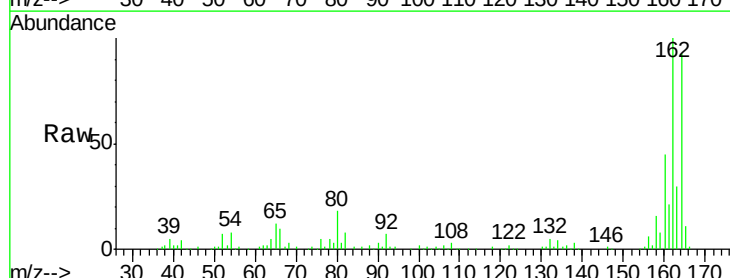
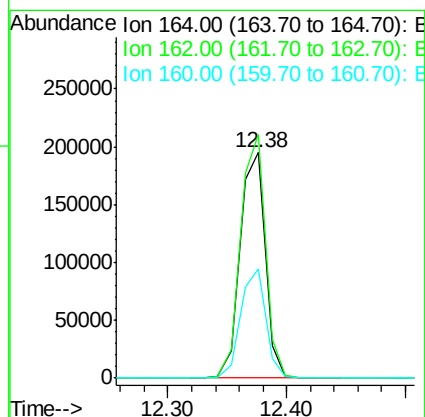
RT: 12.38 min Scan# 944

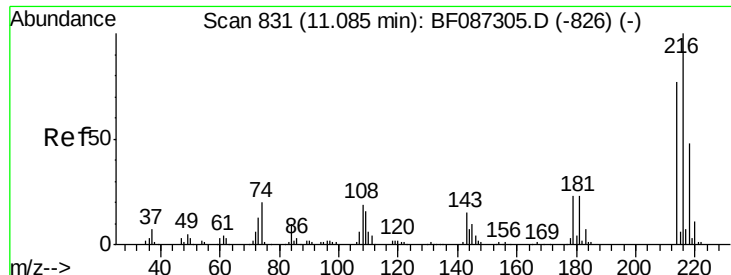
Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 289379 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 108.1 | 82.8  | 124.2  |
| 160       | 48.6  | 36.9  | 55.3   |





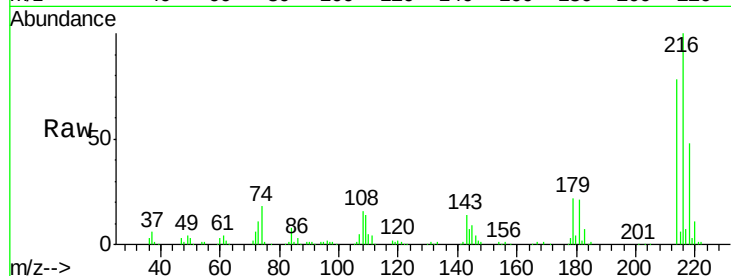
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.95 ng  
 RT: 10.98 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

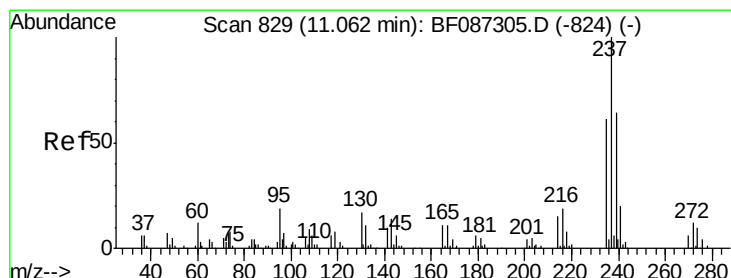
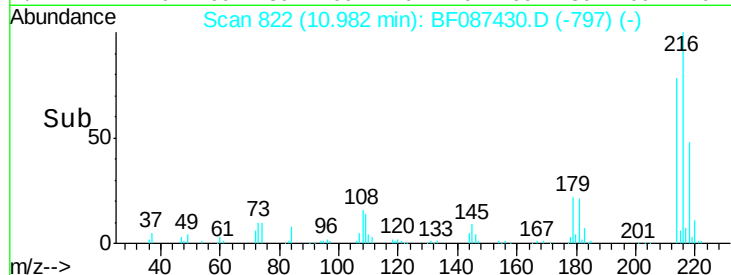
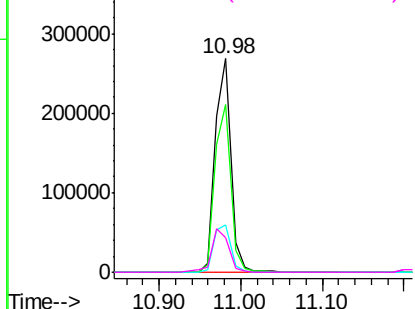
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 360793 |       |       |
| 214     | 79.3 | 62.6  | 93.8   |       |       |
| 179     | 23.7 | 18.2  | 27.4   |       |       |
| 108     | 22.2 | 17.5  | 26.3   |       |       |

Manual Integrations  
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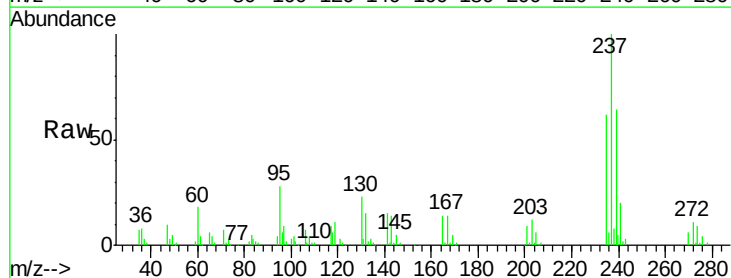


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

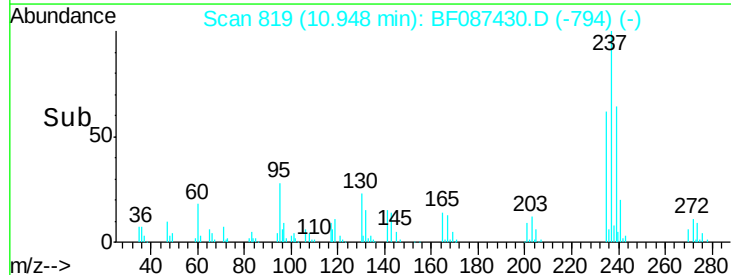
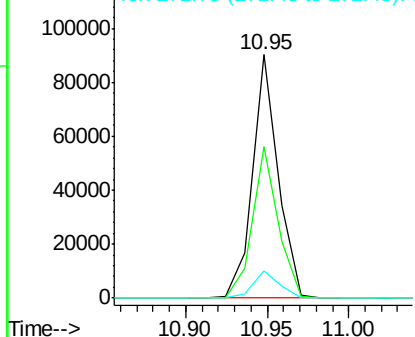


#40  
 Hexachlorocyclopentadiene  
 Concen: 32.10 ng  
 RT: 10.95 min Scan# 819  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

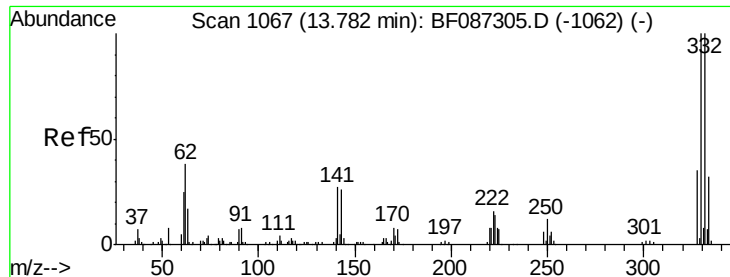
| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 97894 |       |       |
| 235     | 62.4 | 47.2  | 87.2  |       |       |
| 272     | 11.4 | 0.0   | 31.1  |       |       |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E







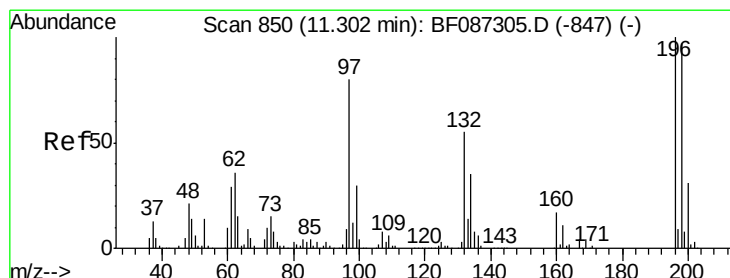
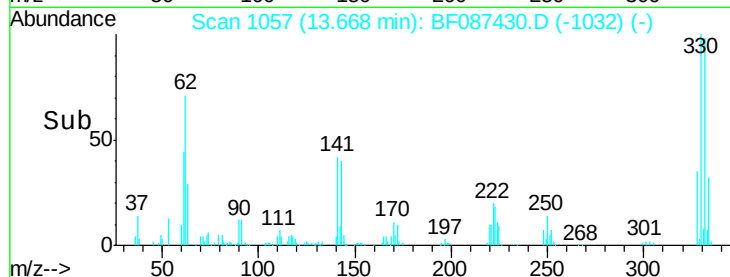
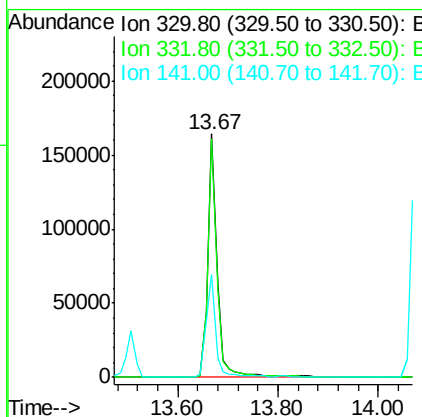
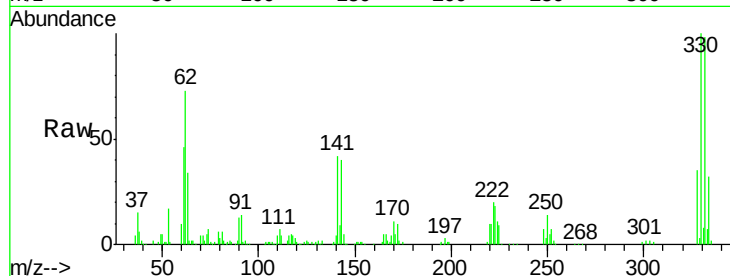
#41  
 2,4,6-Tribromophenol  
 Concen: 77.51 ng  
 RT: 13.67 min Scan# 1057  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.7  | 79.0 | 118.4 |       |
| 141     | 43.3  | 31.2 | 46.8  |       |

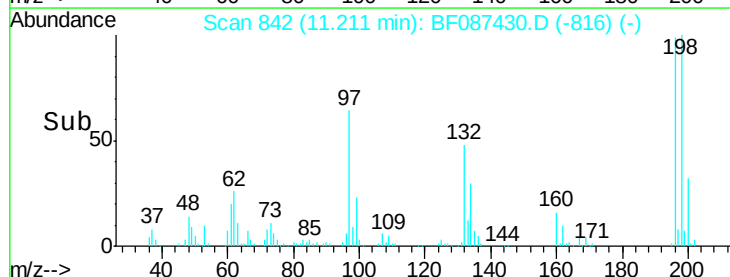
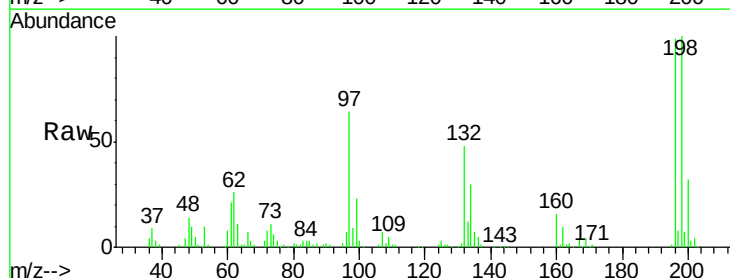
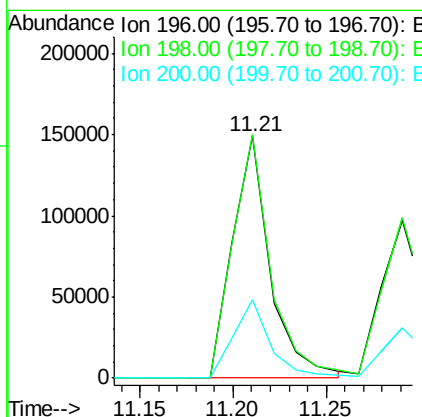
Manual Integrations  
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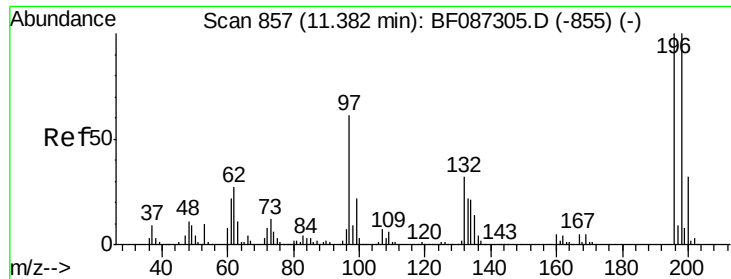
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#42  
 2,4,6-Trichlorophenol  
 Concen: 39.38 ng  
 RT: 11.21 min Scan# 842  
 Delta R.T. -0.00 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 100.7 | 74.7 | 112.1 |       |
| 200     | 32.3  | 23.8 | 35.6  |       |





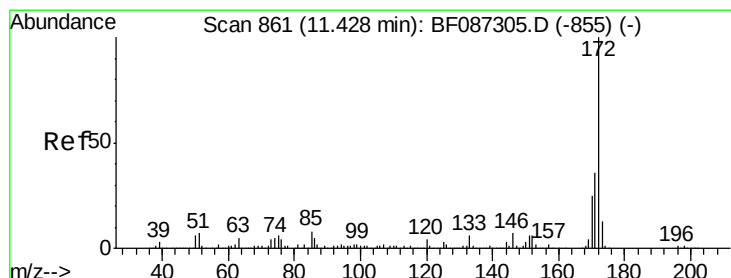
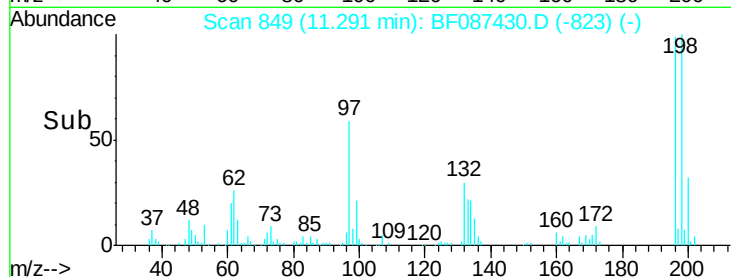
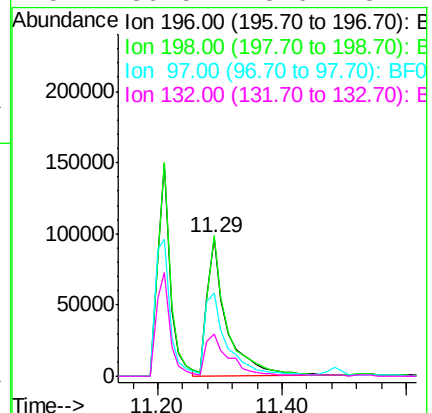
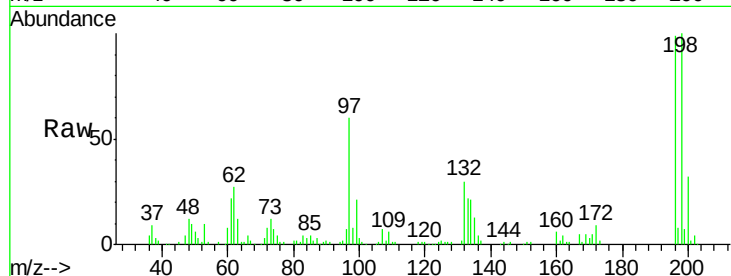
#43  
2,4,5-Trichlorophenol  
Concen: 39.05 ng  
RT: 11.29 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 212645 |       |       |
| 198     | 101.1 | 77.5   | 116.3 |       |
| 97      | 60.5  | 34.8   | 52.2  |       |
| 132     | 30.5  | 23.0   | 34.4  |       |

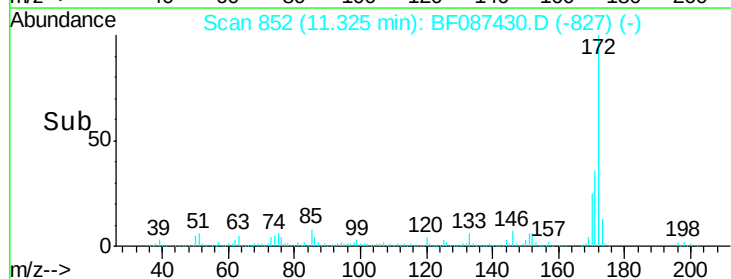
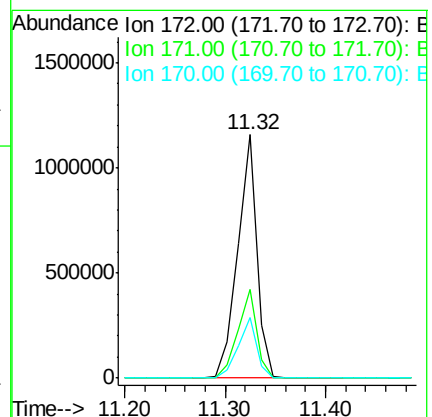
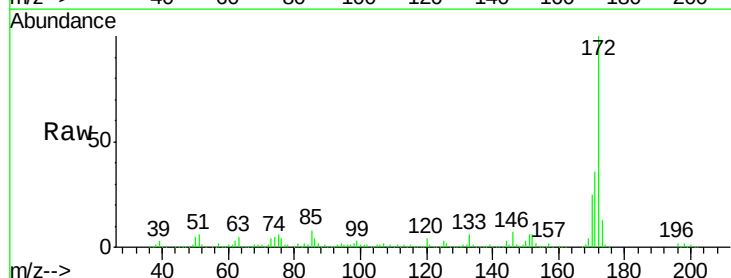
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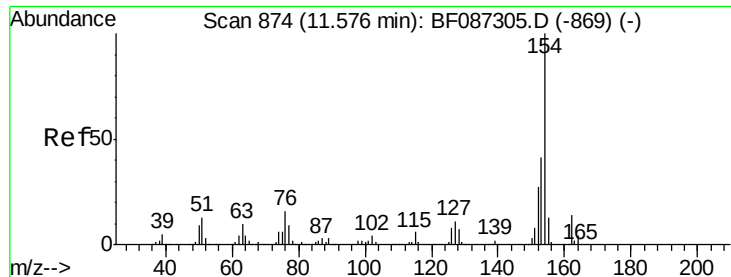
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#44  
2-Fluorobiphenyl  
Concen: 74.97 ng  
RT: 11.32 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1538869 |       |       |
| 171     | 36.2  | 29.0    | 43.6  |       |
| 170     | 24.7  | 19.8    | 29.8  |       |





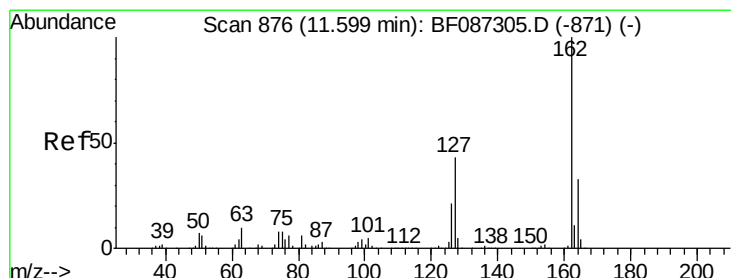
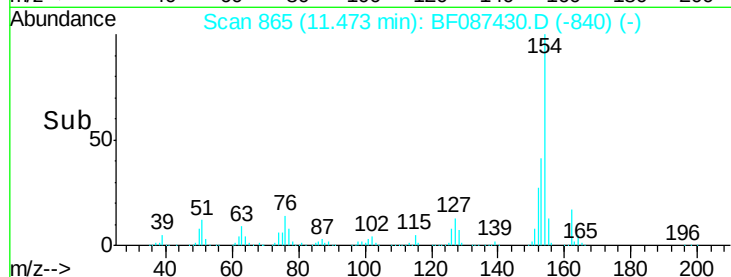
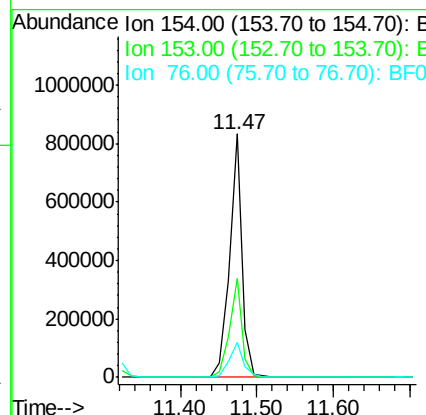
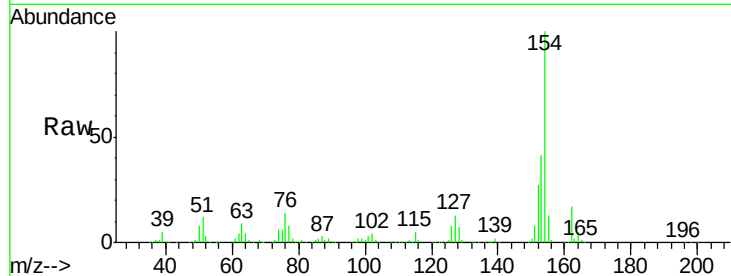
#45  
1,1'-Biphenyl  
Concen: 39.35 ng  
RT: 11.47 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.7  | 20.3  | 60.3  |
| 76      | 14.1  | 0.0   | 30.2  |

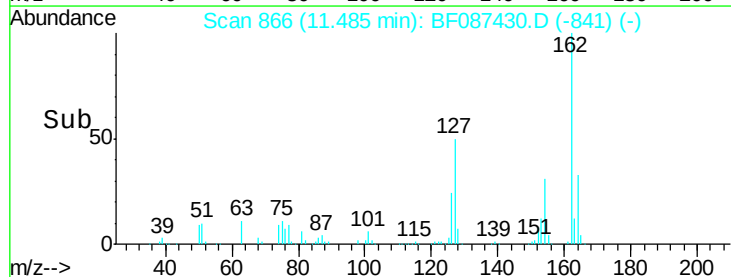
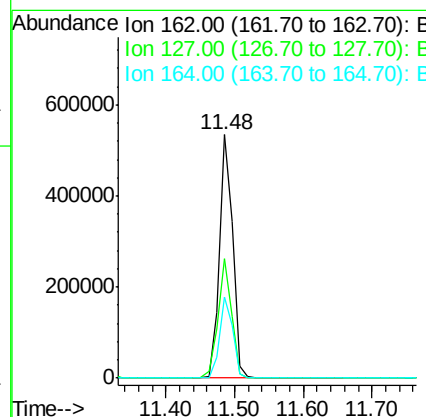
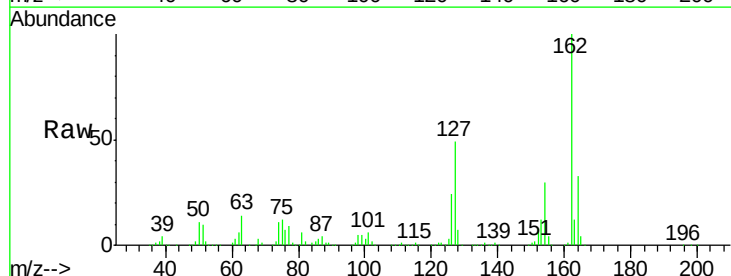
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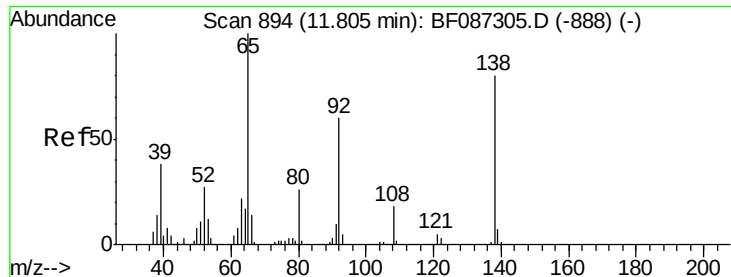
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#46  
2-Chloronaphthalene  
Concen: 39.19 ng  
RT: 11.48 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 48.9  | 31.8  | 47.6# |
| 164     | 33.1  | 27.0  | 40.6  |





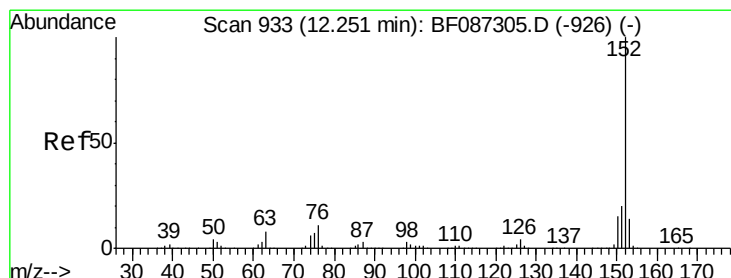
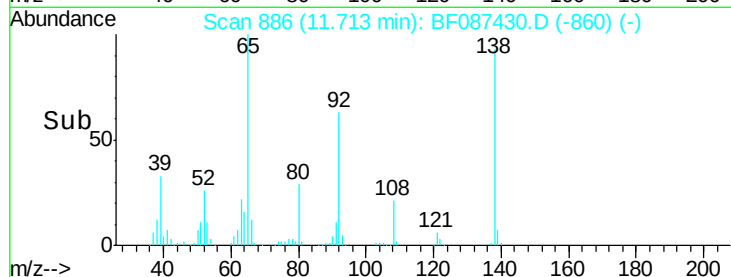
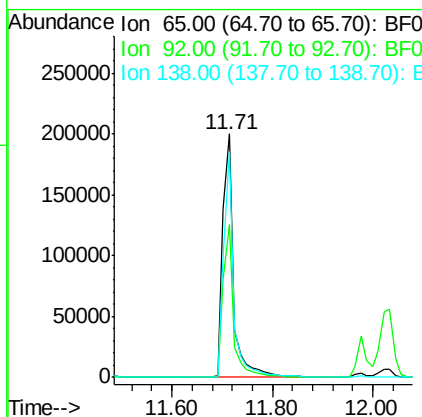
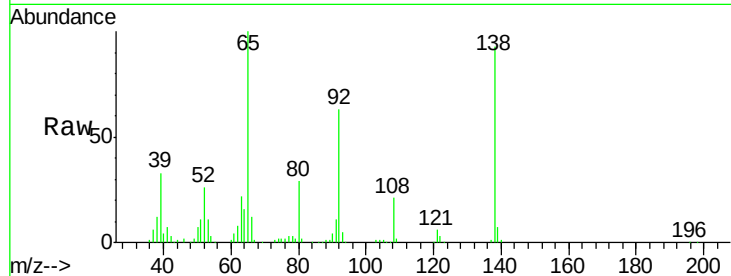
#47  
2-Nitroaniline  
Concen: 44.79 ng  
RT: 11.71 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.0  | 57.4  | 86.2  |
| 138     | 92.9  | 90.1  | 135.1 |

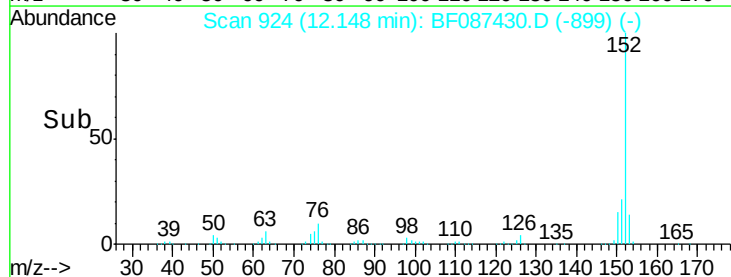
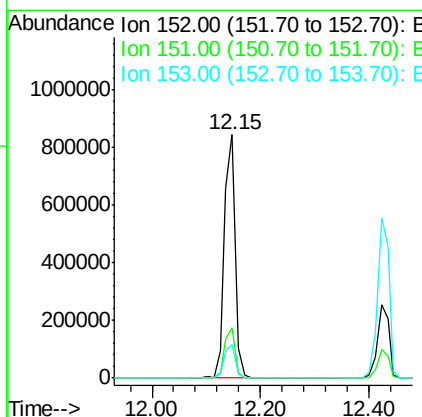
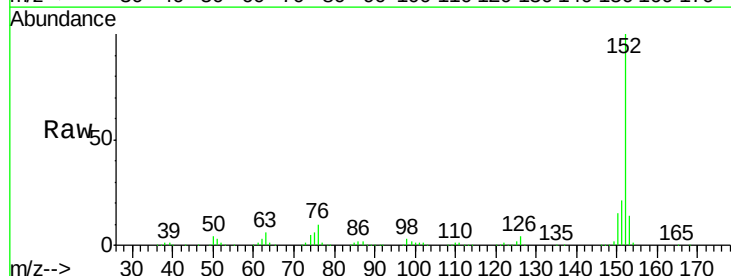
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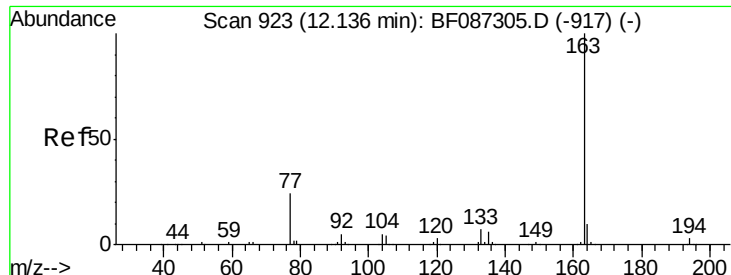
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#48  
Acenaphthylene  
Concen: 40.27 ng  
RT: 12.15 min Scan# 924  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 16.8  | 25.2  |
| 153     | 13.6  | 10.9  | 16.3  |





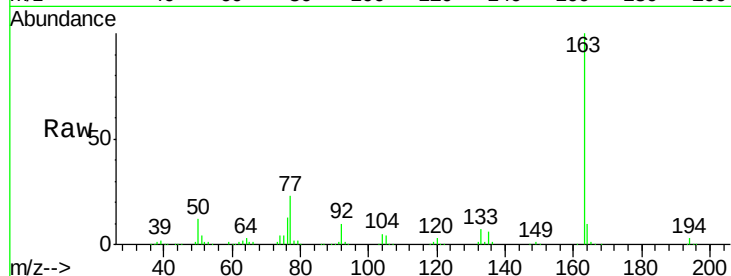
#49  
Dimethylphthalate  
Concen: 39.41 ng  
RT: 12.03 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

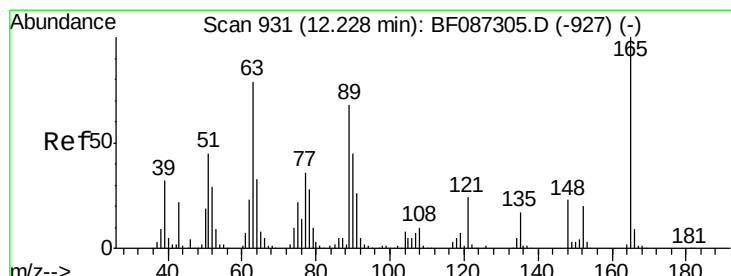
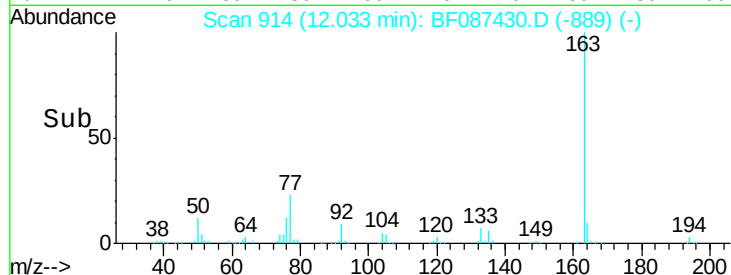
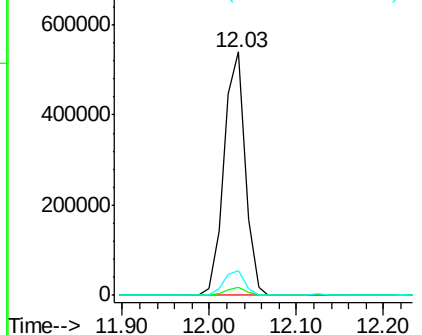
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 913540 |       |       |
| 194     | 3.3   | 2.6    | 4.0   |       |
| 164     | 10.1  | 8.2    | 12.4  |       |

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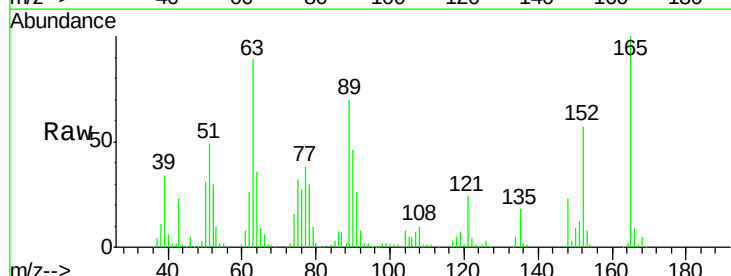


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

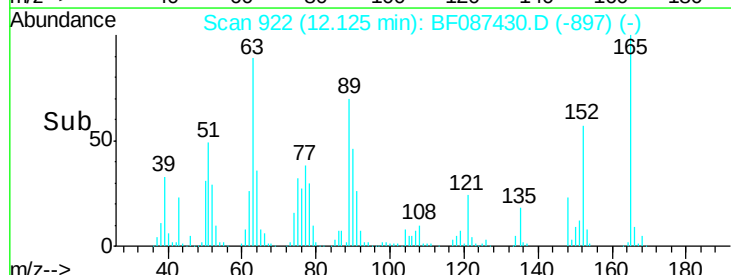
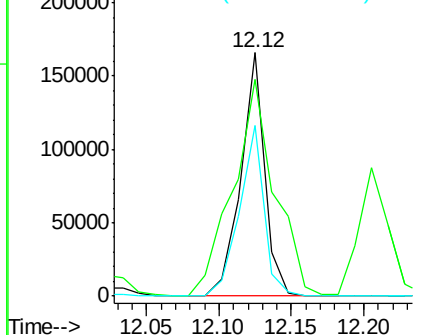


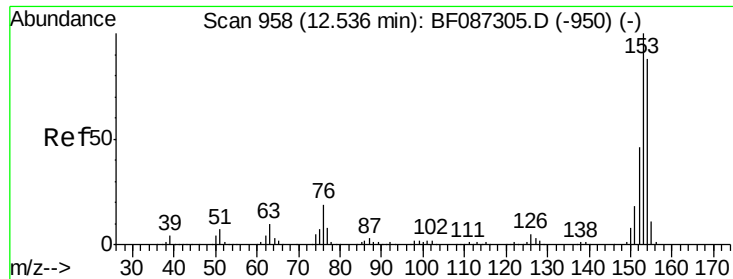
#50  
2,6-Dinitrotoluene  
Concen: 40.41 ng  
RT: 12.12 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 188753 |       |       |
| 63      | 88.9  | 51.8   | 77.8# |       |
| 89      | 70.1  | 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: 39.83 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

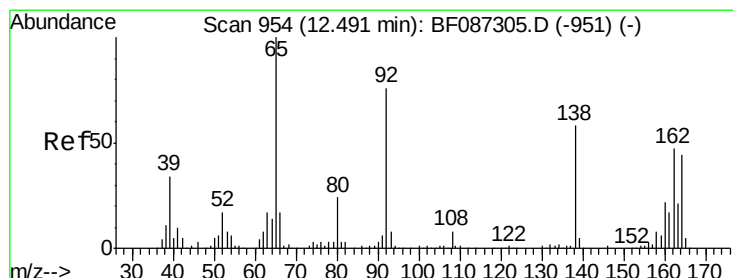
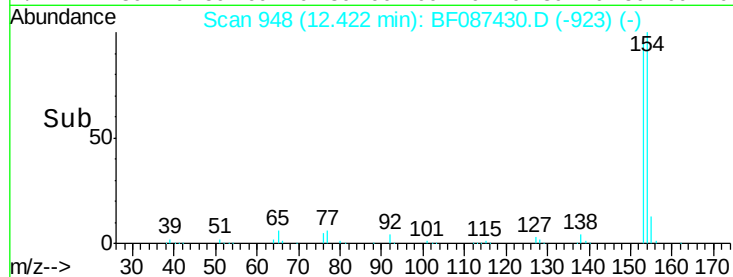
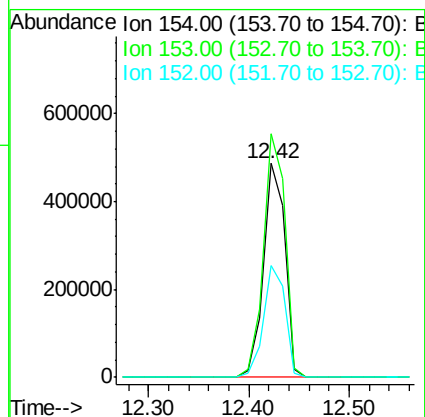
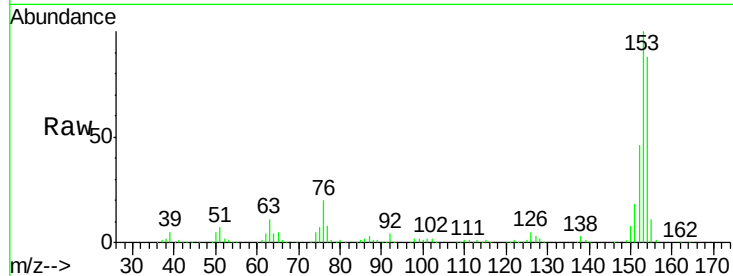
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 722448 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.8 | 89.8  | 134.6  |
| 152       | 52.3  | 43.4  | 65.0   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 42.11 ng

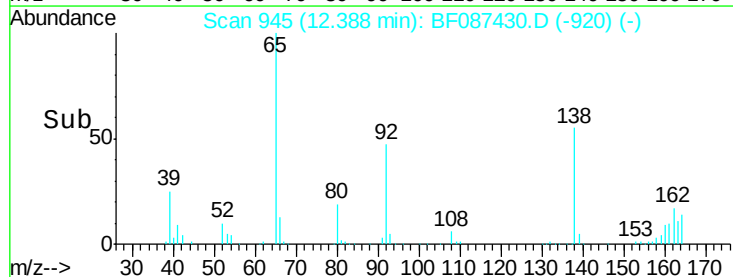
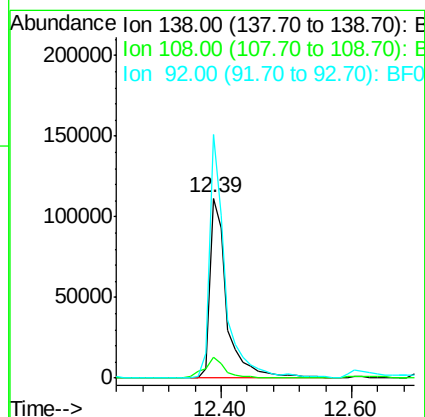
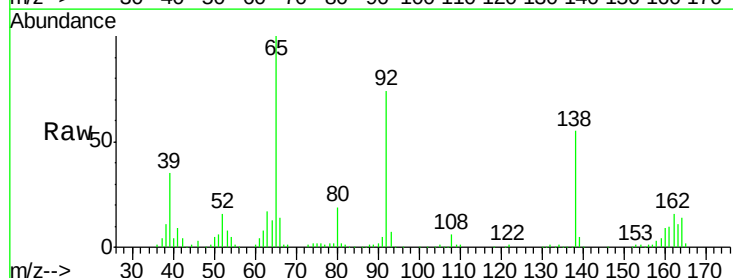
RT: 12.39 min Scan# 945

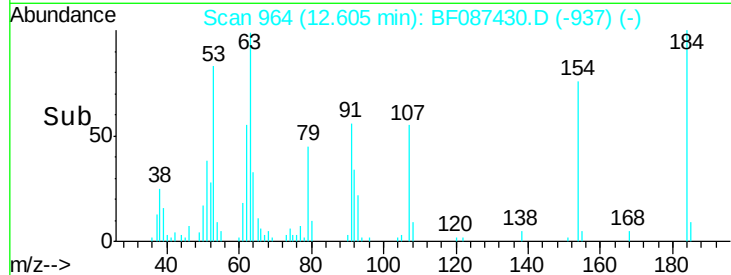
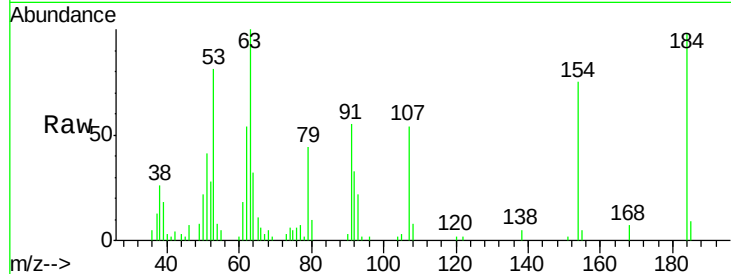
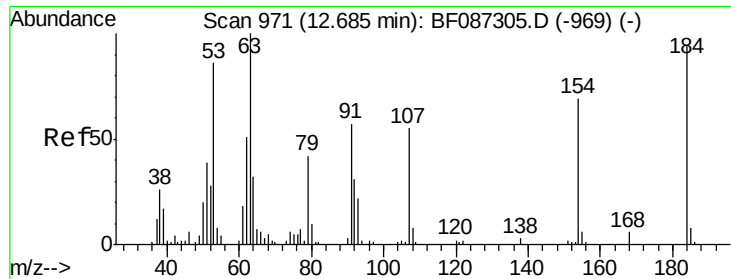
Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 201857 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.8  | 7.8   | 11.6#  |
| 92        | 135.4 | 87.8  | 131.8# |





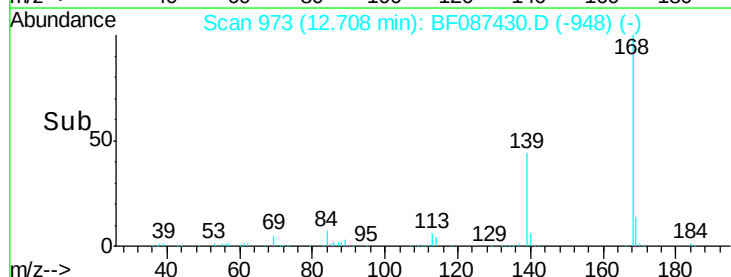
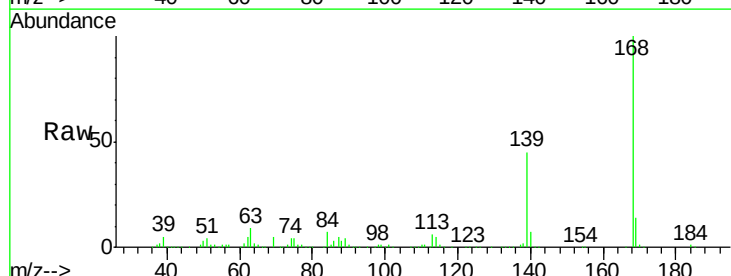
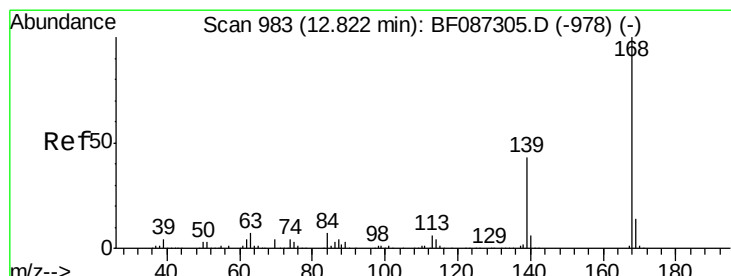
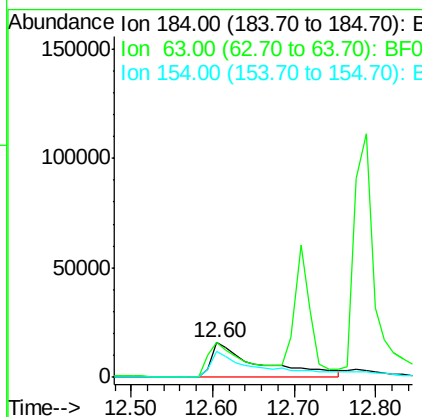
#53  
2,4-Dinitrophenol  
Concen: 31.78 ng  
RT: 12.60 min Scan# 964  
Delta R.T. 0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 65701 |       |       |
| 63      | 101.6 | 55.8  | 83.8# |       |
| 154     | 76.1  | 62.4  | 93.6  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

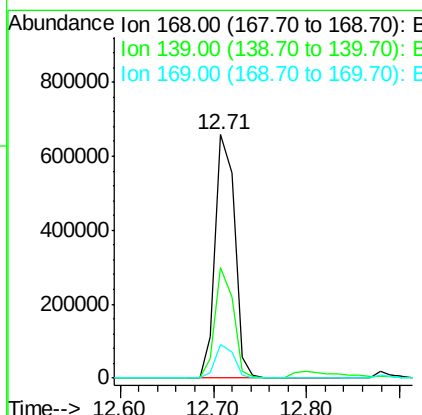
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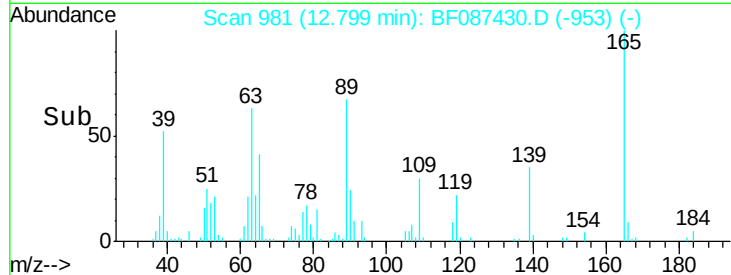
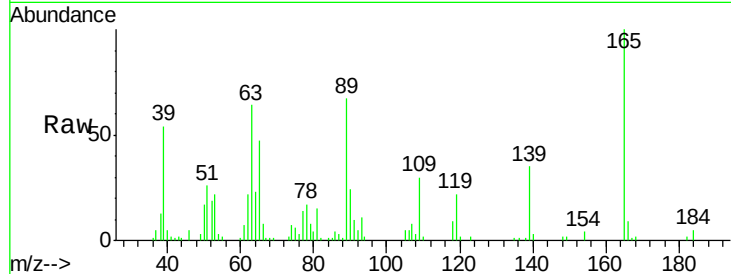
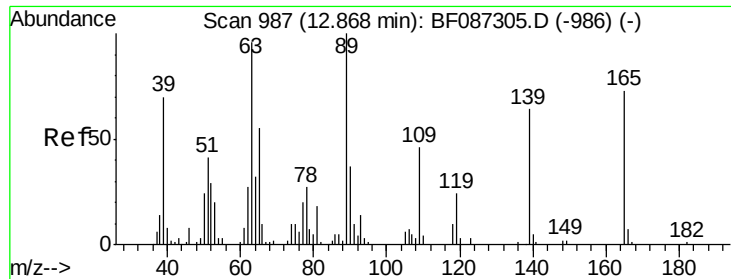
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#54  
Dibenzofuran  
Concen: 39.03 ng  
RT: 12.71 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 958478 |       |       |
| 139     | 45.2  | 31.4   | 47.0  |       |
| 169     | 14.0  | 10.7   | 16.1  |       |





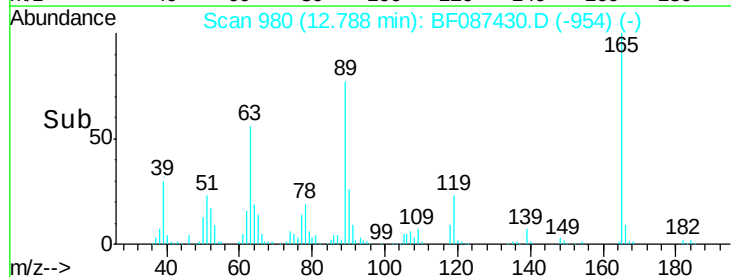
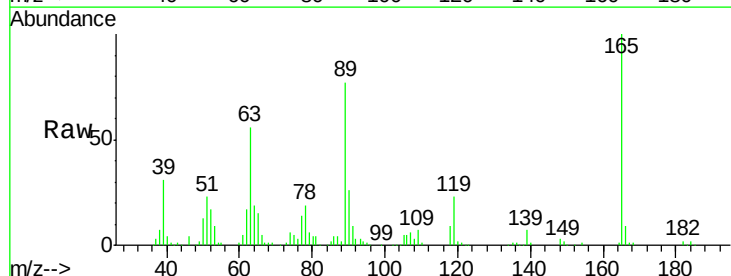
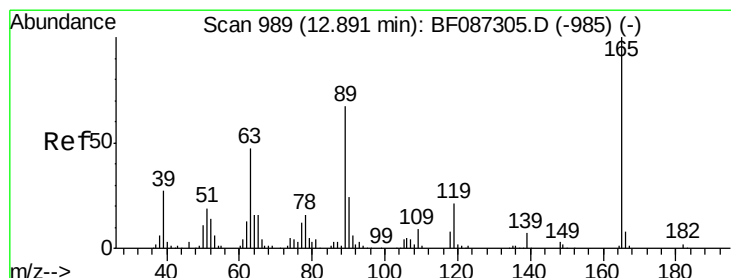
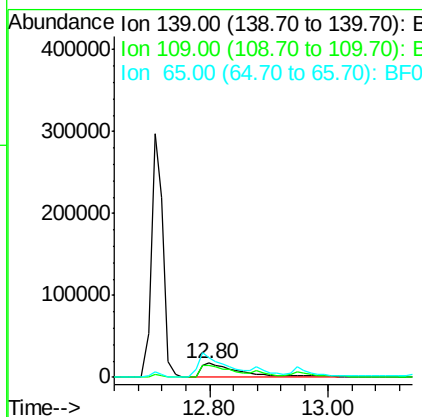
#55  
4-Nitrophenol  
Concen: 32.98 ng  
RT: 12.80 min Scan# 981  
Delta R.T. 0.02 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Tot Ion:139 Resp: 75428  
Ion Ratio Lower Upper  
139 100  
109 85.5 36.9 76.9#  
65 136.9 64.0 104.0#

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

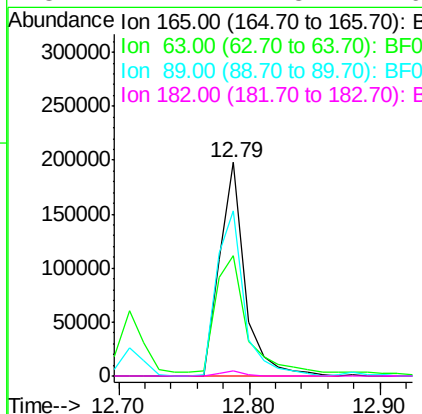
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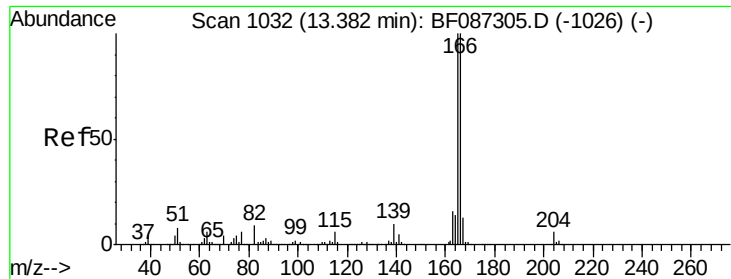


#56  
2,4-Dinitrotoluene  
Concen: 43.10 ng  
RT: 12.79 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Tgt Ion:165 Resp: 269087  
Ion Ratio Lower Upper  
165 100  
63 56.2 44.3 66.5  
89 77.0 70.0 105.0  
182 2.2 1.8 2.6







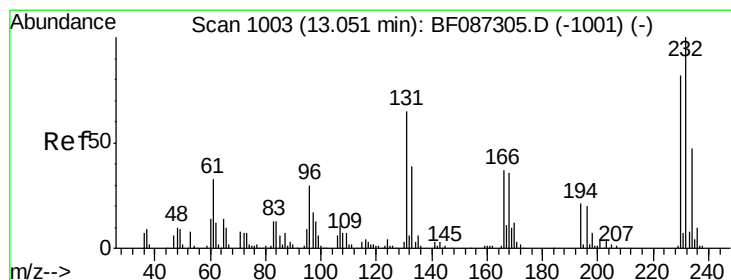
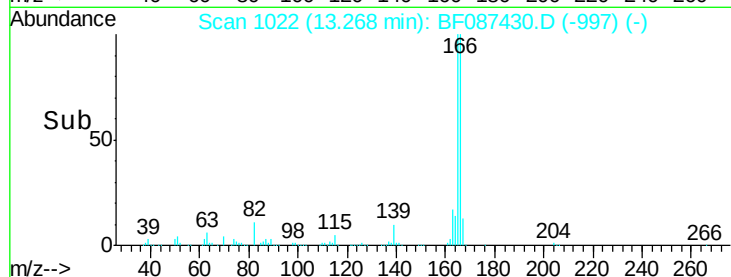
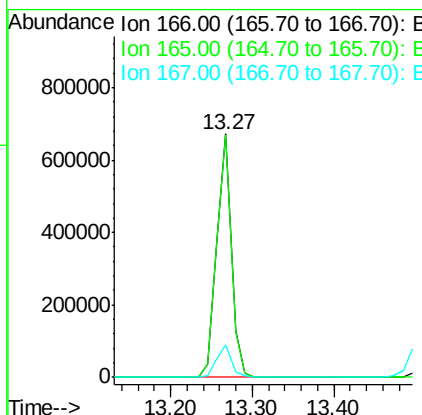
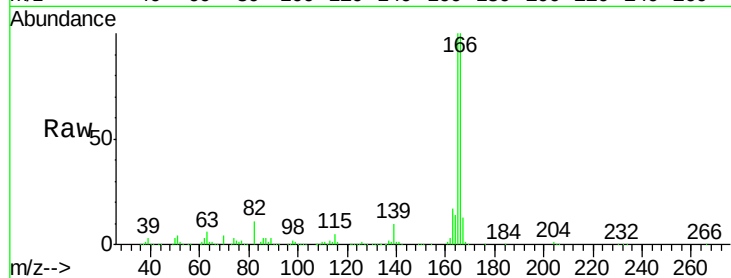
#57  
 Fluorene  
 Concen: 39.26 ng  
 RT: 13.27 min Scan# 1022  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 835986 |       |       |
| 165     | 99.8  | 79.0   | 118.6 |       |
| 167     | 13.2  | 10.6   | 15.8  |       |

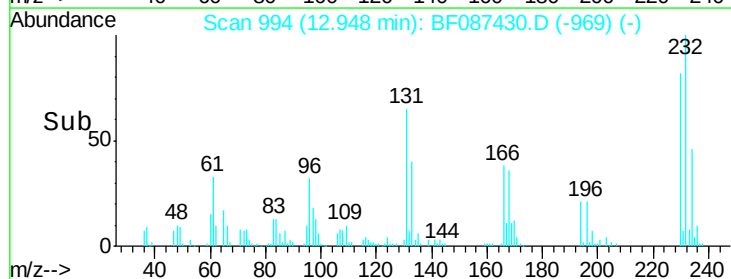
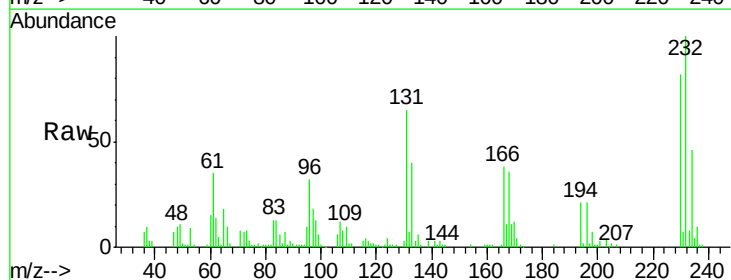
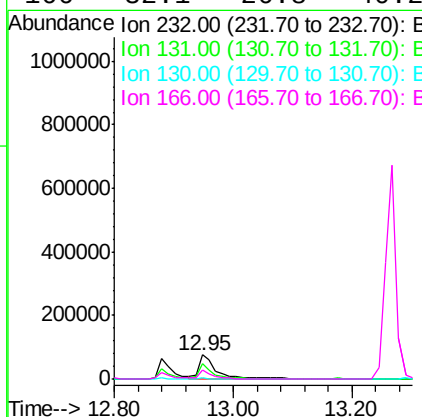
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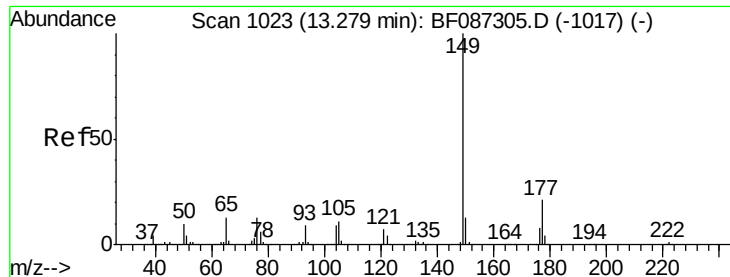
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 36.45 ng  
 RT: 12.95 min Scan# 994  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 152687 |       |       |
| 131     | 56.8  | 41.9   | 62.9  |       |
| 130     | 2.9   | 2.2    | 3.4   |       |
| 166     | 32.1  | 26.8   | 40.2  |       |





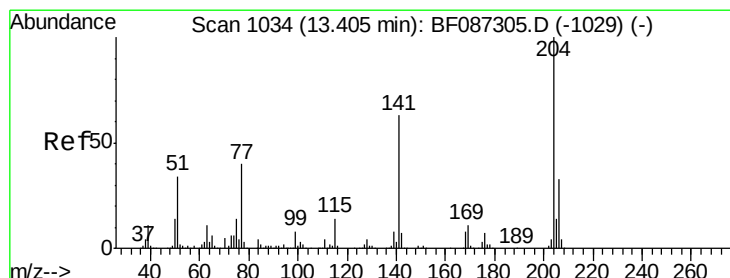
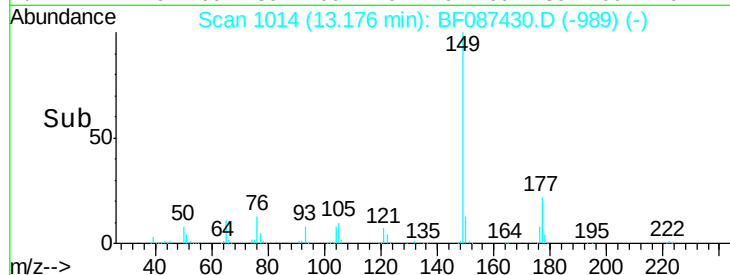
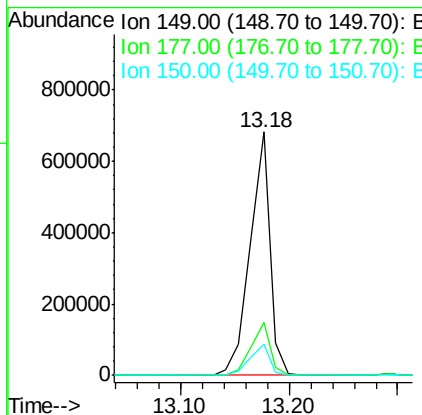
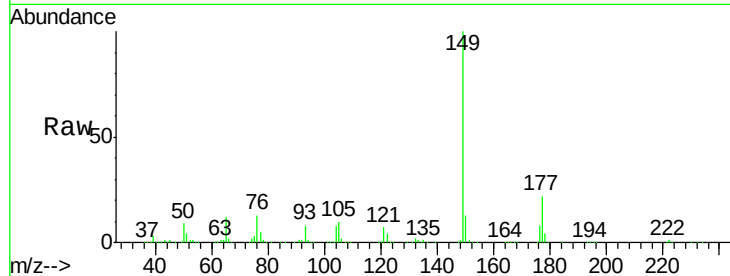
#59  
Diethylphthalate  
Concen: 38.67 ng  
RT: 13.18 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 871565 |       |       |
| 177     | 21.5  | 16.6   | 24.8  |       |
| 150     | 12.6  | 10.0   | 15.0  |       |

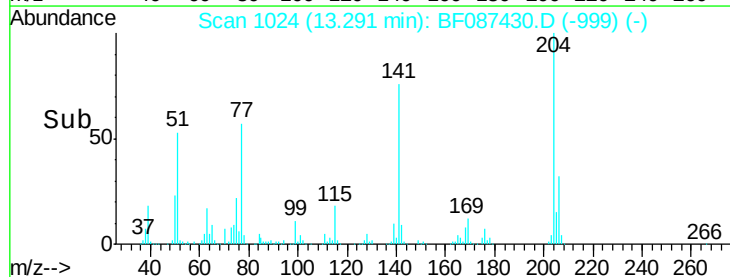
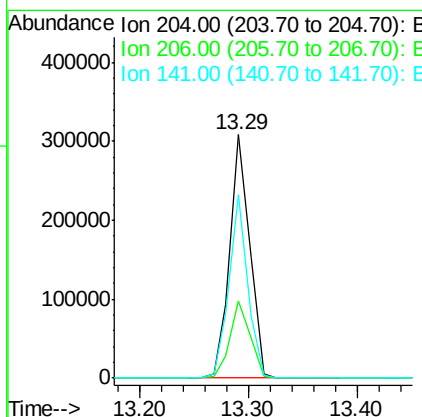
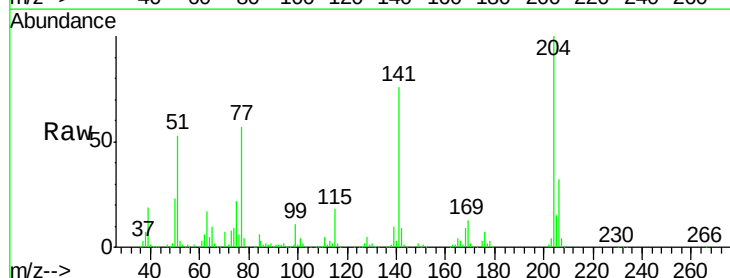
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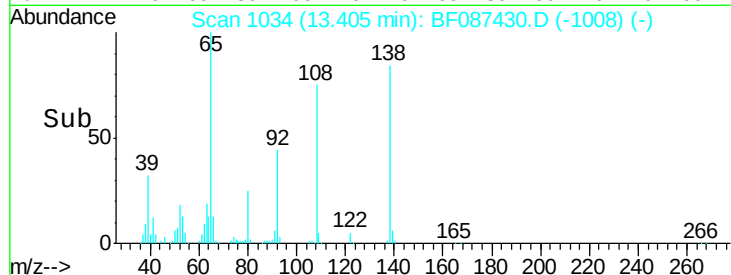
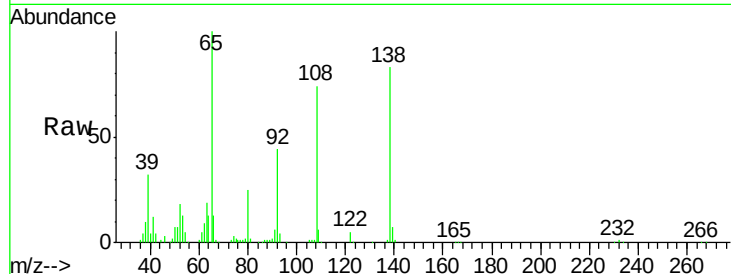
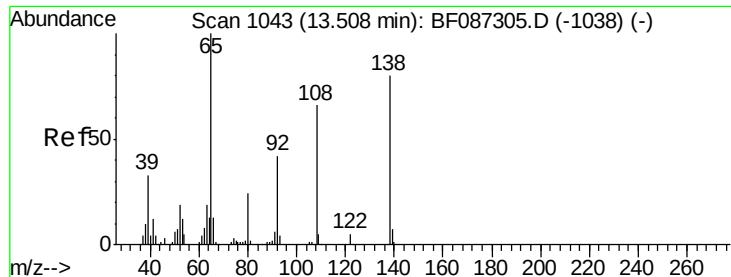
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#60  
4-Chlorophenyl-phenylether  
Concen: 37.57 ng  
RT: 13.29 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 390199 |       |       |
| 206     | 31.9  | 25.4   | 38.0  |       |
| 141     | 75.6  | 61.6   | 92.4  |       |





#61

4-Nitroaniline

Concen: 41.85 ng

RT: 13.41 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

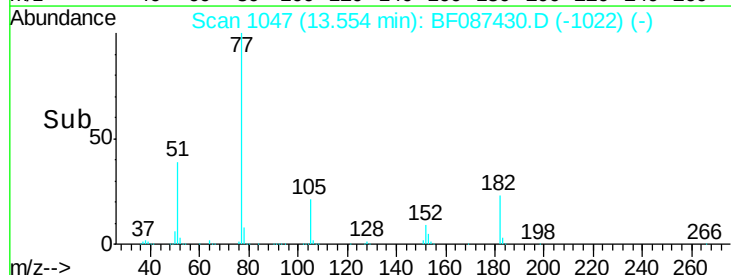
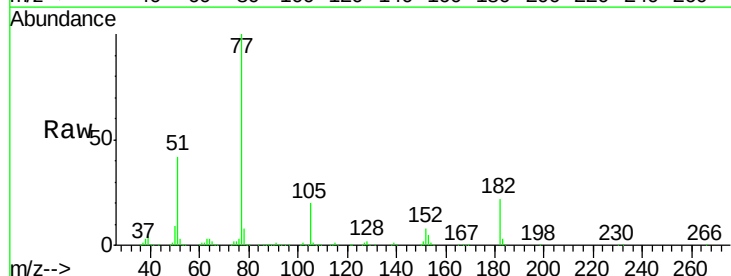
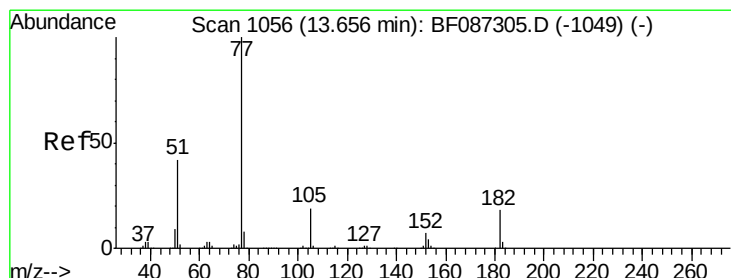
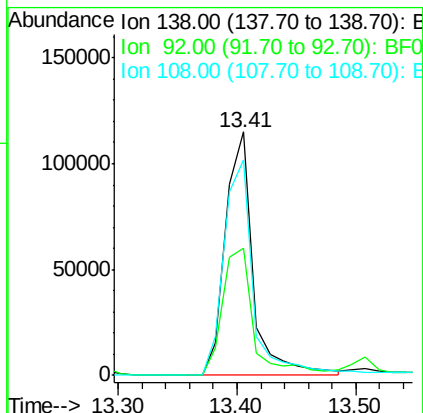
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 187256 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 52.4  | 24.7  | 64.7   |
| 108       | 88.5  | 37.4  | 77.4#  |

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#62

Azobenzene

Concen: 41.45 ng

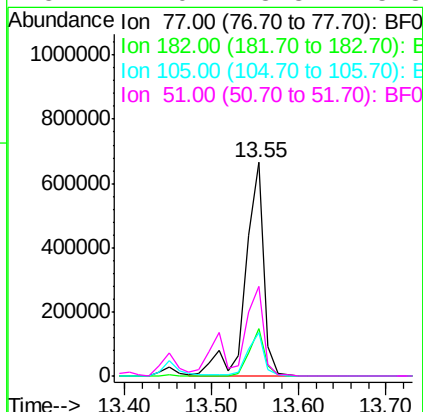
RT: 13.55 min Scan# 1047

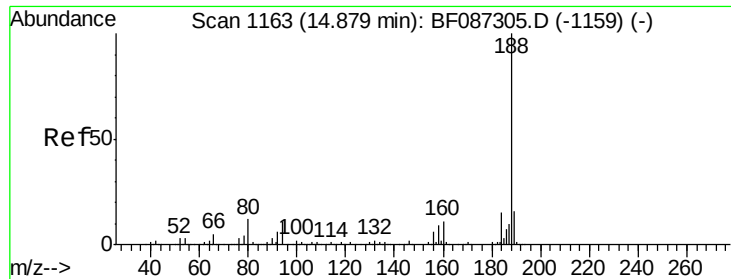
Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 969191 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 22.4  | 0.0   | 38.8   |
| 105       | 20.5  | 3.2   | 43.2   |
| 51        | 42.0  | 8.8   | 48.8   |





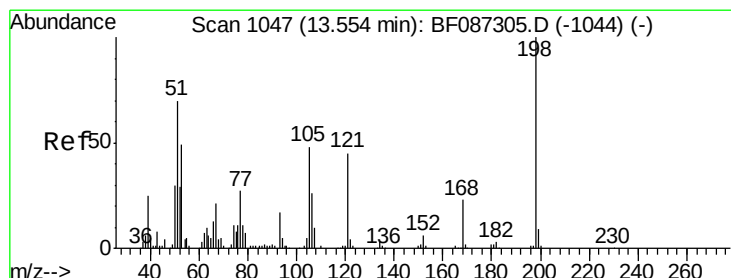
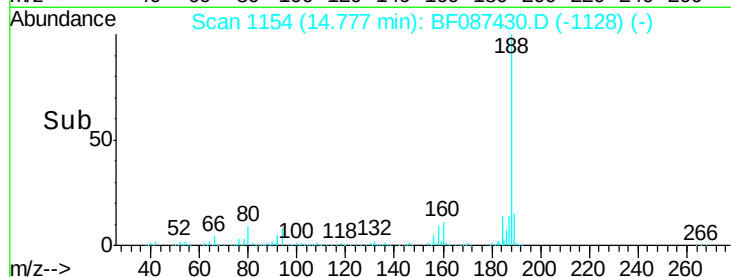
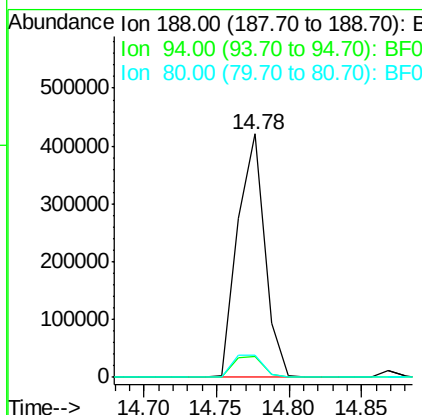
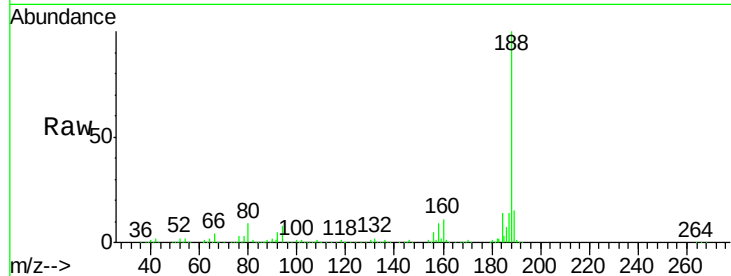
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.78 min Scan# 1154  
Delta R.T. -0.00 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 8.5   | 6.8        | 10.2  |
| 80      | 8.9   | 7.1        | 10.7  |

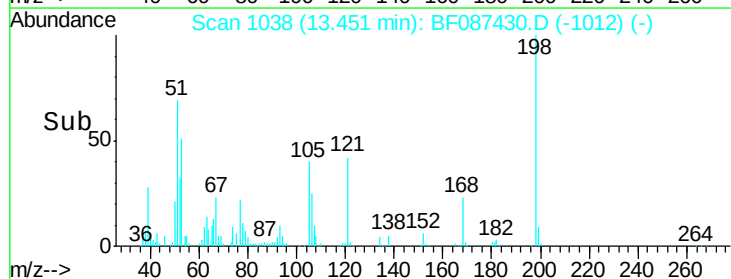
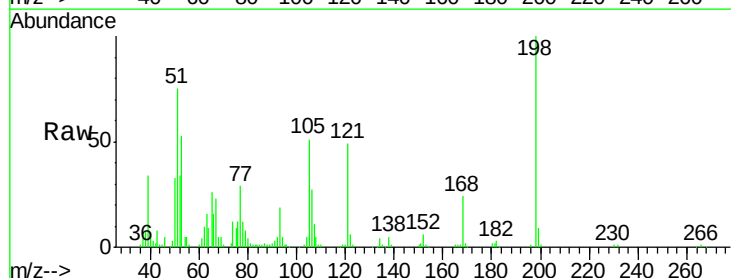
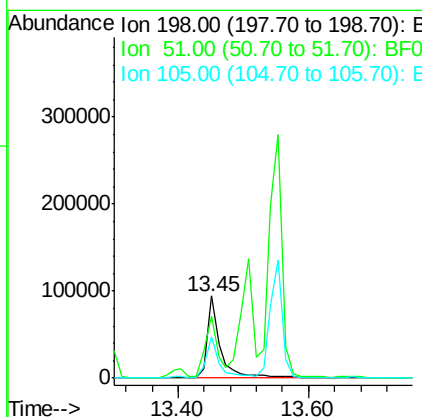
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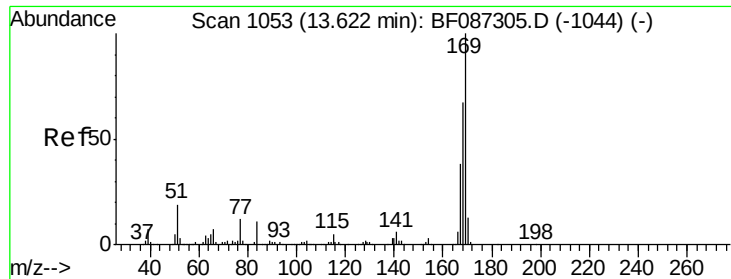
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 38.31 ng  
RT: 13.45 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 74.8  | 20.5       | 60.5# |
| 105     | 50.7  | 24.5       | 64.5  |





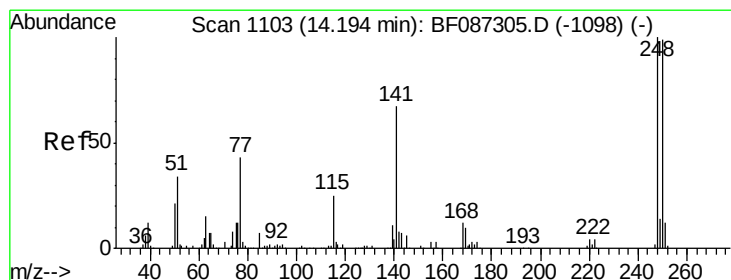
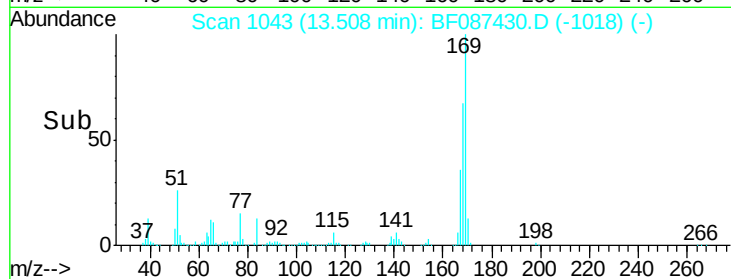
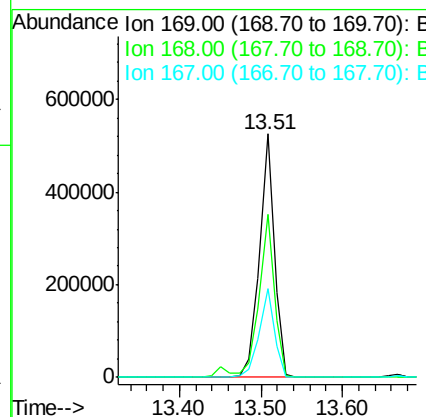
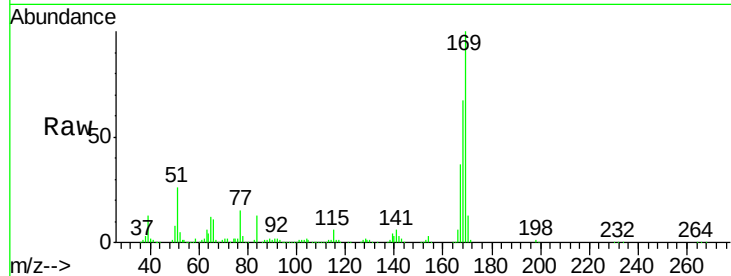
#65  
n-Nitrosodiphenylamine  
Concen: 37.88 ng  
RT: 13.51 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 672843 |       |       |
| 168     | 67.0  | 53.8   | 80.6  |       |
| 167     | 36.5  | 29.5   | 44.3  |       |

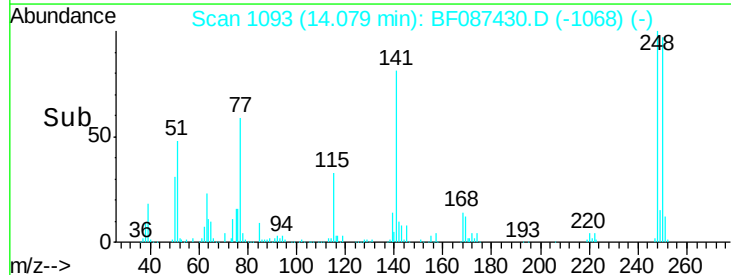
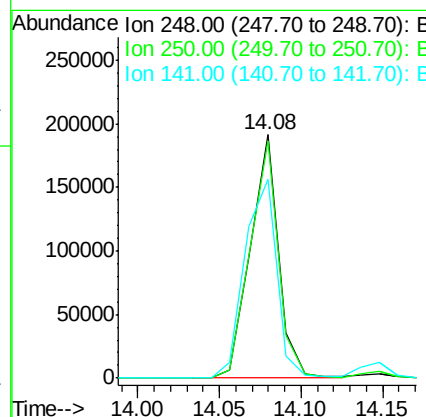
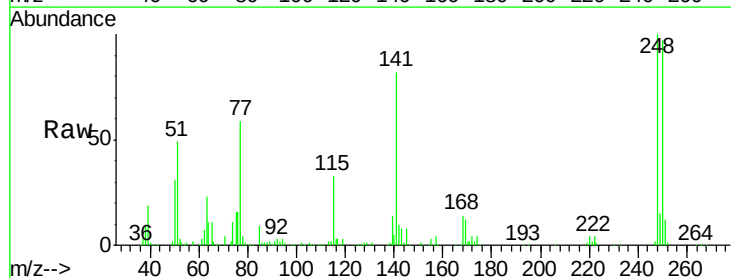
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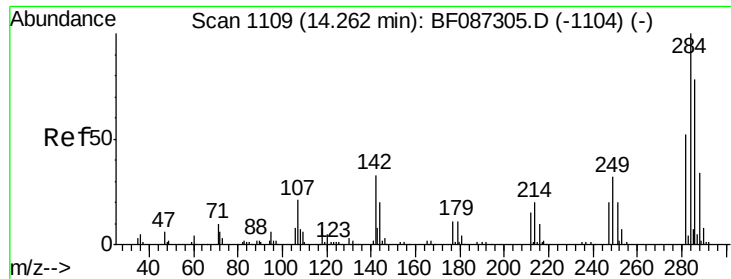
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#66  
4-Bromophenyl-phenylether  
Concen: 38.13 ng  
RT: 14.08 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 229121 |       |       |
| 250     | 97.4  | 78.6   | 117.8 |       |
| 141     | 81.9  | 76.0   | 114.0 |       |





#67

Hexachlorobenzene

Concen: 38.34 ng

RT: 14.15 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

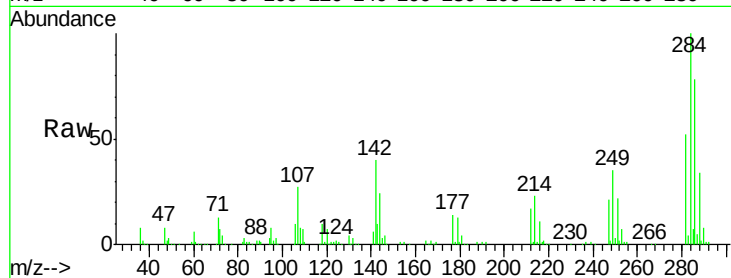
ClientSampleId :

SSTDCCC040

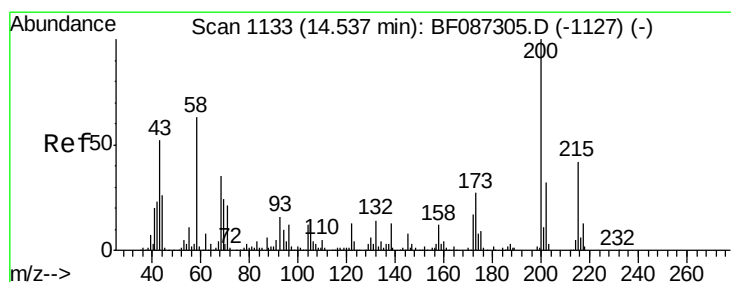
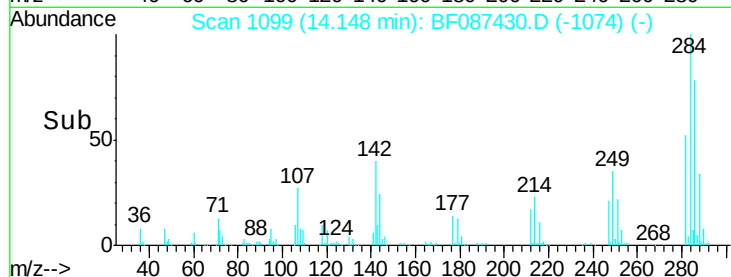
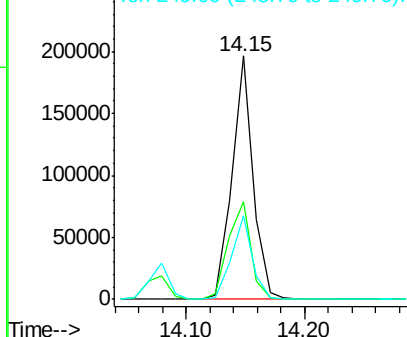
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 240931 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 40.3  | 16.7  | 25.1#  |
| 249       | 34.6  | 21.3  | 31.9#  |

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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: 31.08 ng

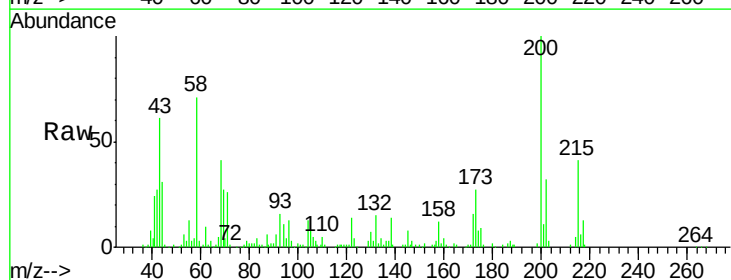
RT: 14.42 min Scan# 1123

Delta R.T. -0.01 min

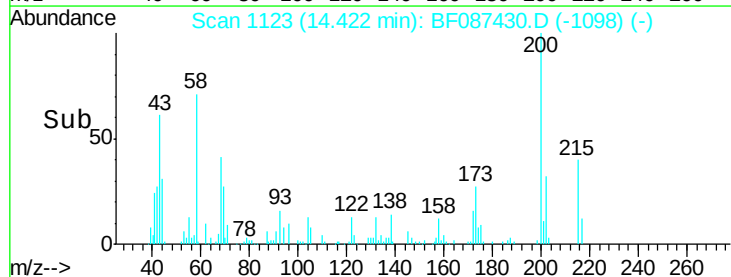
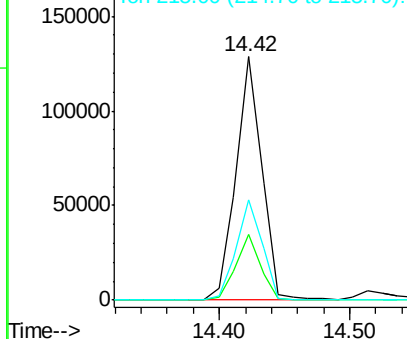
Lab File: BF087430.D

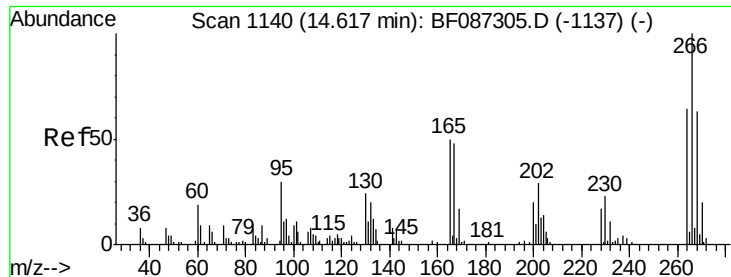
Acq: 27 May 2016 4:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 175983 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 26.7  | 8.5   | 48.5   |
| 215       | 41.4  | 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





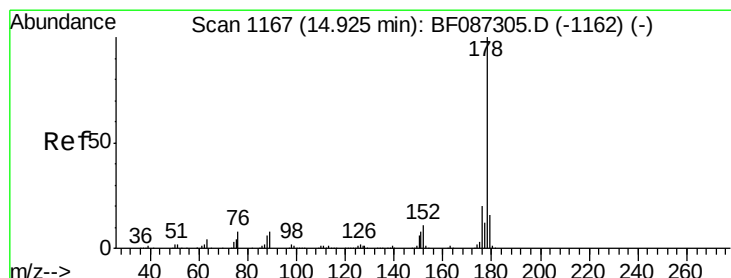
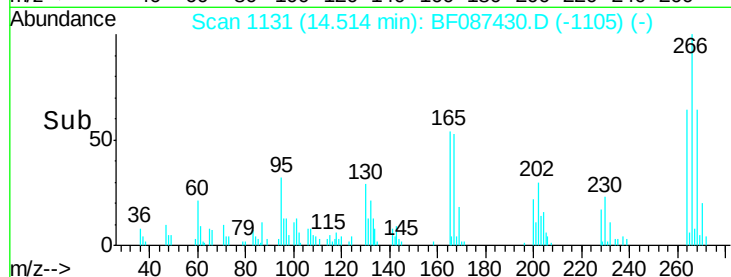
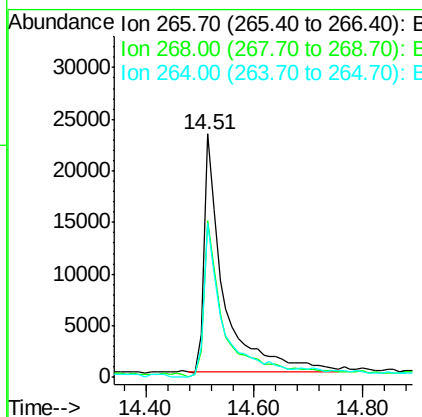
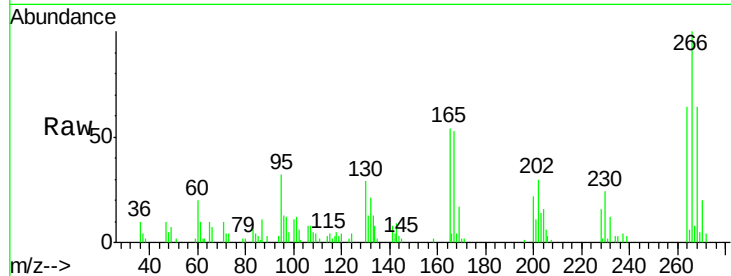
#69  
 Pentachlorophenol  
 Concen: 33.64 ng  
 RT: 14.51 min Scan# 1131  
 Delta R.T. -0.00 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 58112 |       |       |
| 268     | 64.2  | 51.5  | 77.3  |       |
| 264     | 63.5  | 52.9  | 79.3  |       |

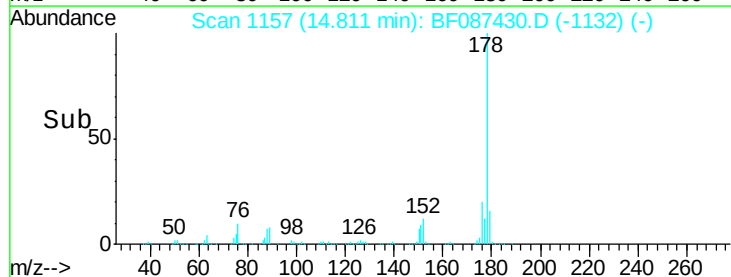
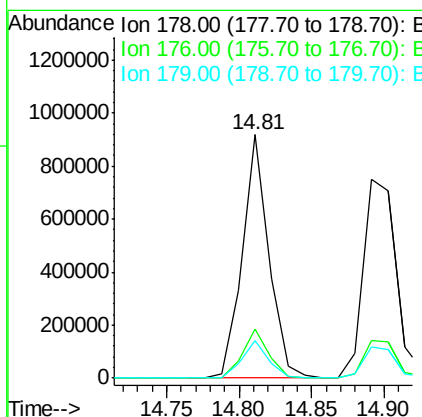
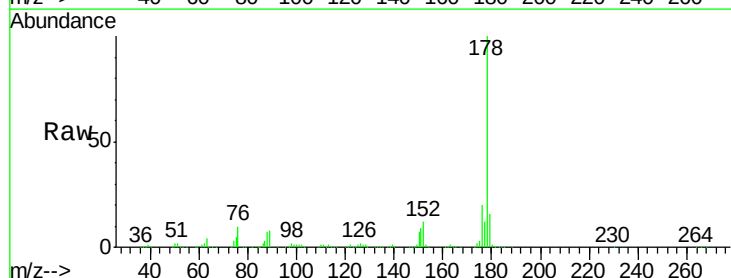
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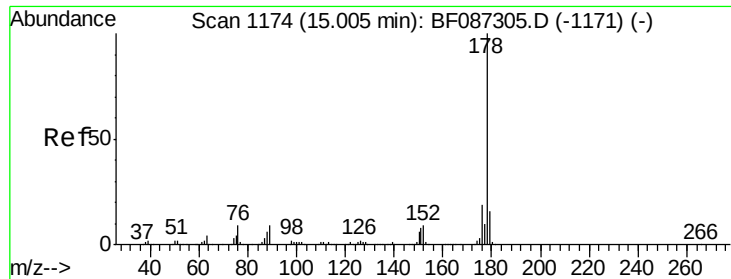
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#70  
 Phenanthrene  
 Concen: 38.35 ng  
 RT: 14.81 min Scan# 1157  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1166548 |       |       |
| 176     | 20.0  | 16.0    | 24.0  |       |
| 179     | 15.6  | 12.6    | 18.8  |       |





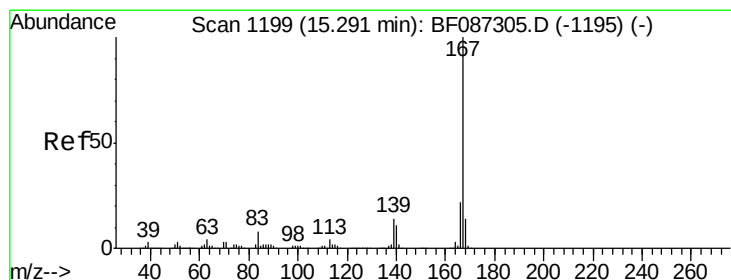
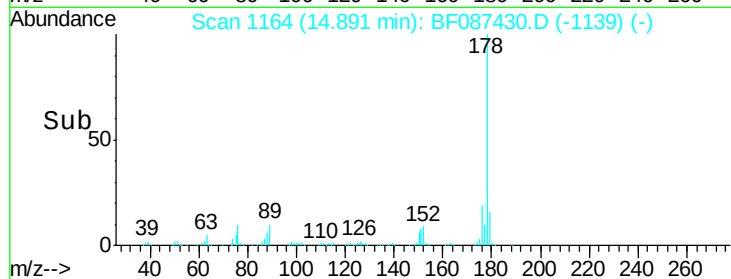
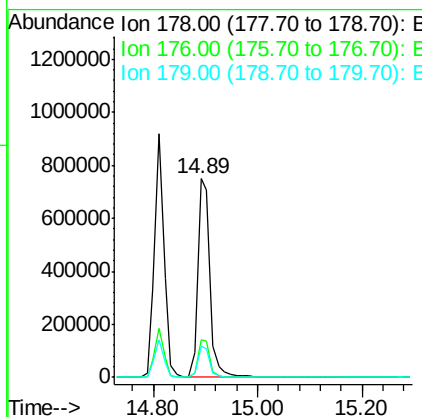
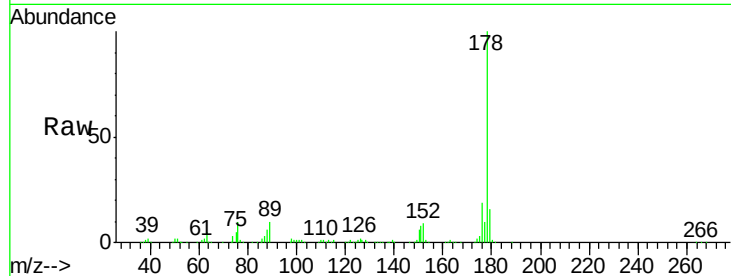
#71  
 Anthracene  
 Concen: 39.53 ng  
 RT: 14.89 min Scan# 1164  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 1214794  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.6 23.4  
 179 16.0 12.7 19.1

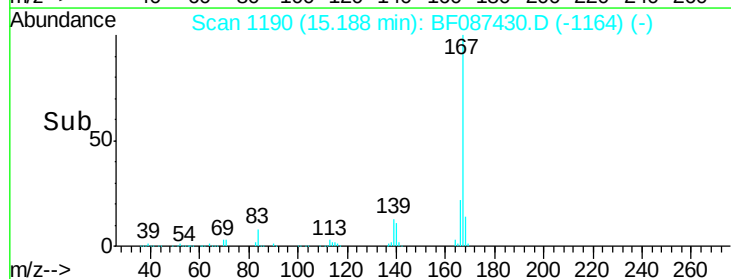
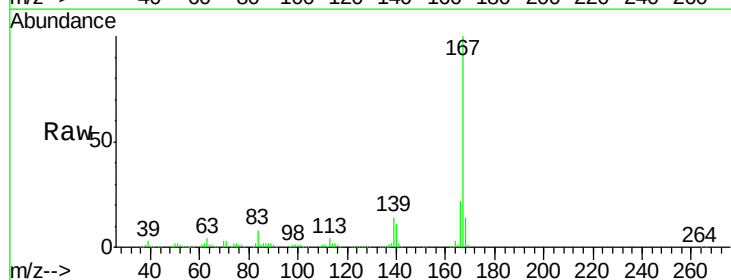
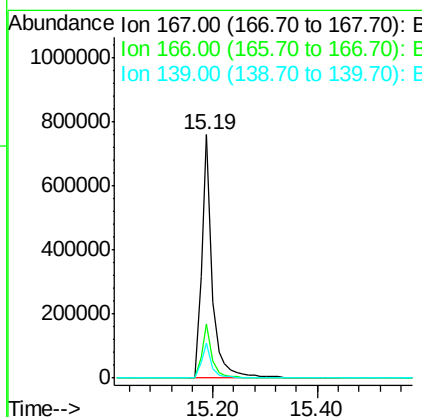
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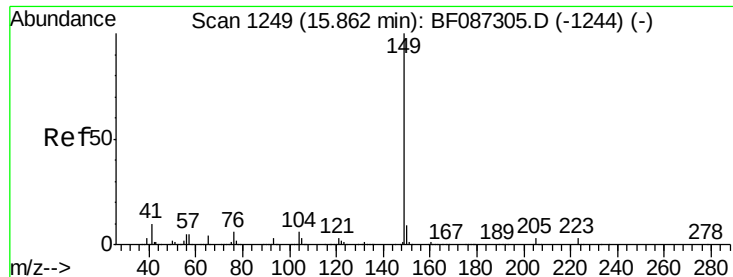


#72  
 Carbazole  
 Concen: 40.44 ng  
 RT: 15.19 min Scan# 1190  
 Delta R.T. -0.00 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Tgt Ion:167 Resp: 1060005  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.7 26.5  
 139 14.5 10.8 16.2







#73

Di-n-butylphthalate

Concen: 36.16 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 122537

Ion Ratio Lower Upper

149 100

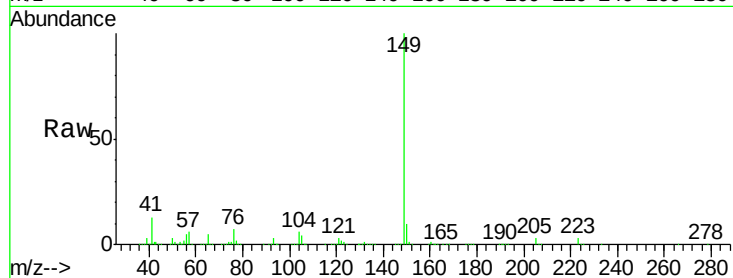
150 9.5 7.6 11.4

104 6.3 3.8 5.6#

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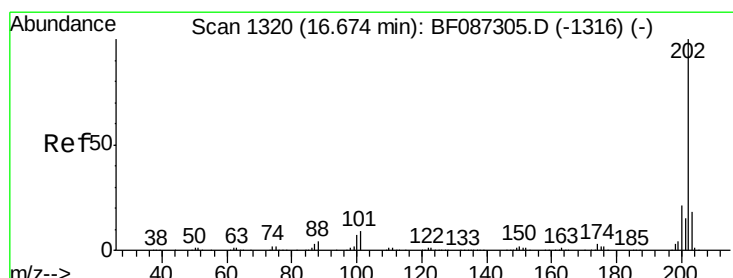
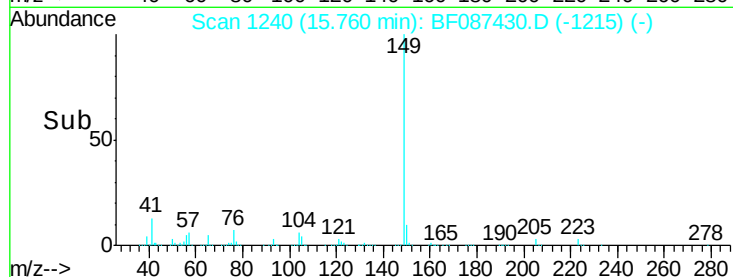
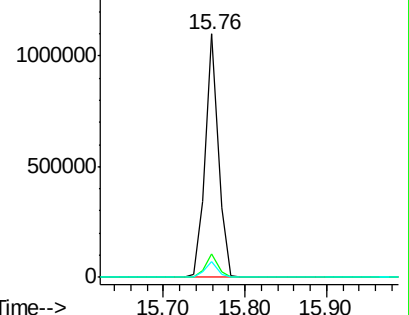
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Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.35 ng

RT: 16.57 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

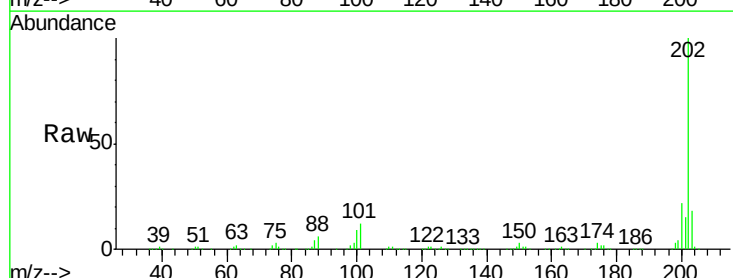
Tgt Ion:202 Resp: 1200277

Ion Ratio Lower Upper

202 100

101 11.5 0.0 35.4

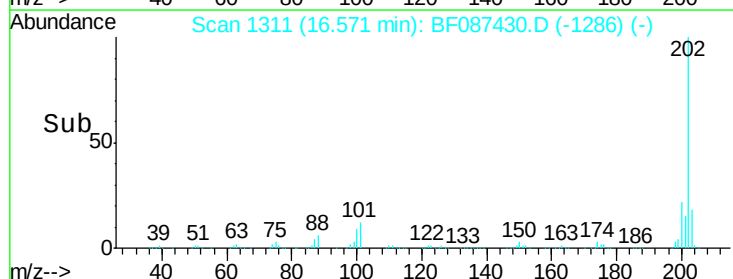
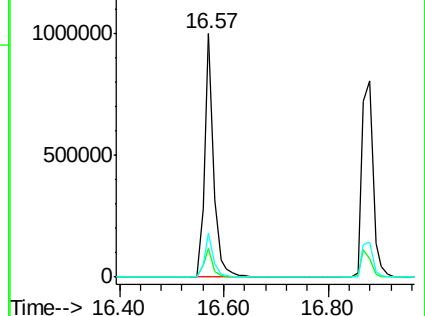
203 18.2 0.0 38.1

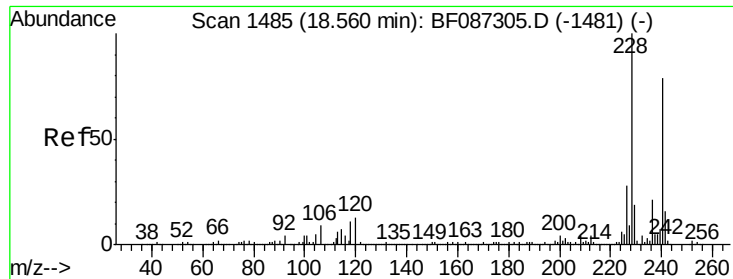


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





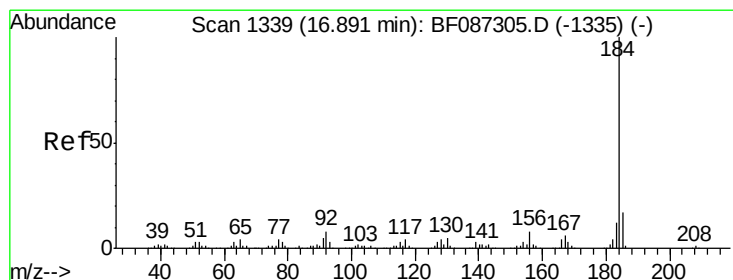
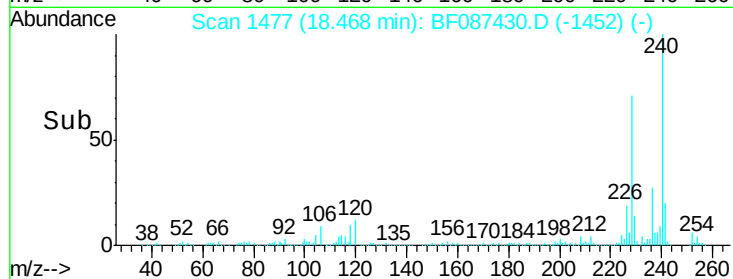
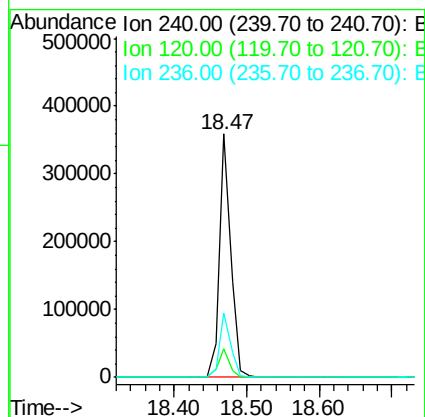
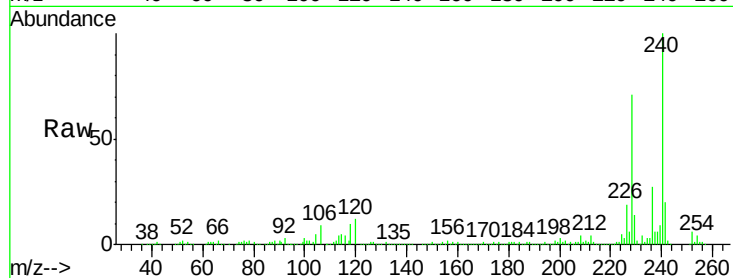
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 18.47 min Scan# 1477  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 387526 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.7  | 11.2  | 16.8   |
| 236       | 26.7  | 21.2  | 31.8   |

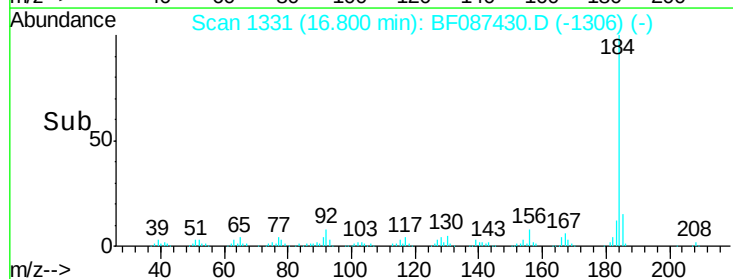
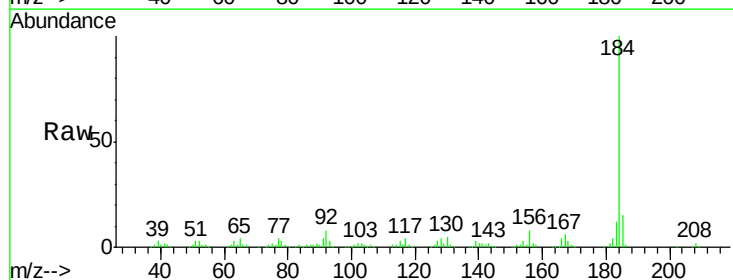
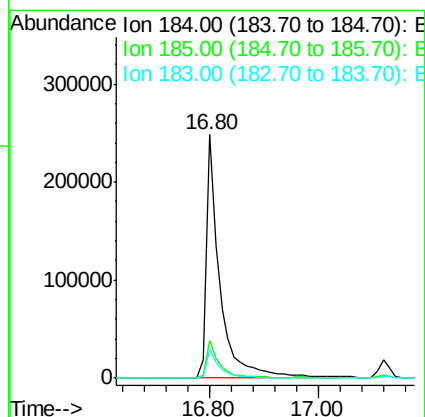
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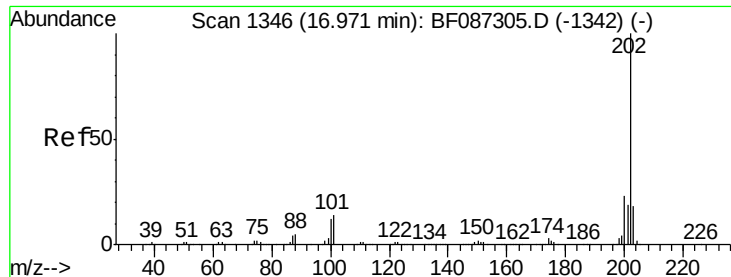
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#76  
Benzidine  
Concen: 42.52 ng  
RT: 16.80 min Scan# 1331  
Delta R.T. -0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 423972 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.5  | 13.6  | 20.4   |
| 183       | 11.7  | 9.8   | 14.6   |





#77

Pvrene

Concen: 43.17 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

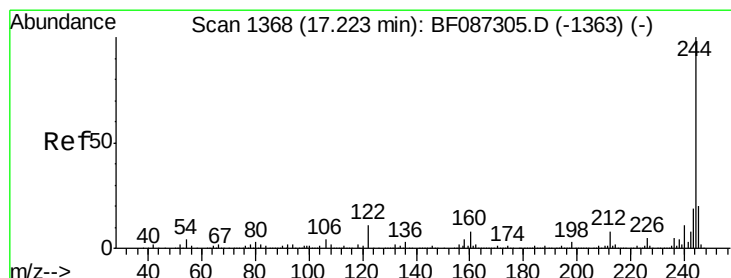
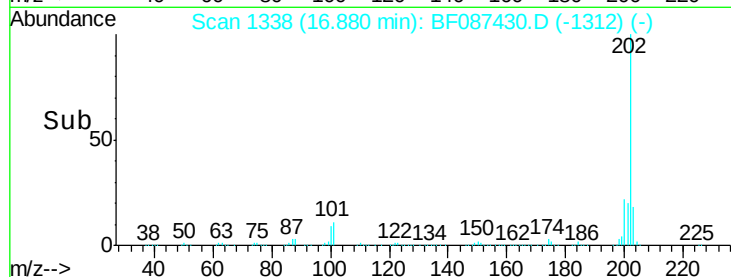
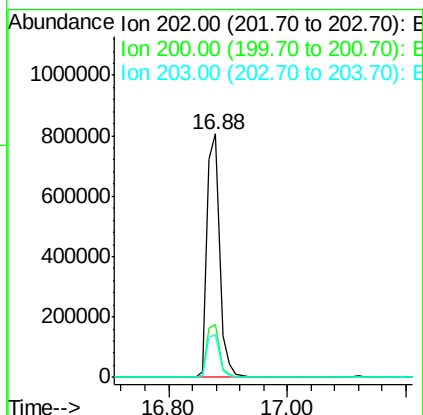
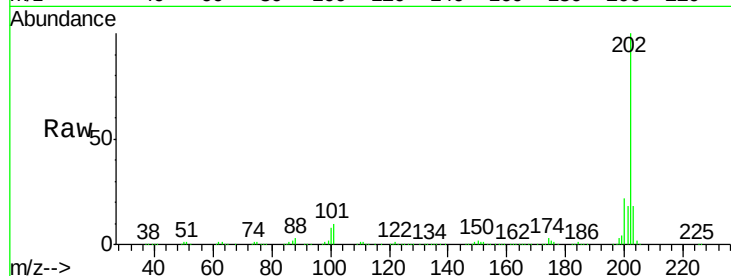
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1204215 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 21.6  | 17.7  | 26.5    |
| 203      | 17.6  | 14.2  | 21.4    |

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#78

Terphenyl-d14

Concen: 79.56 ng

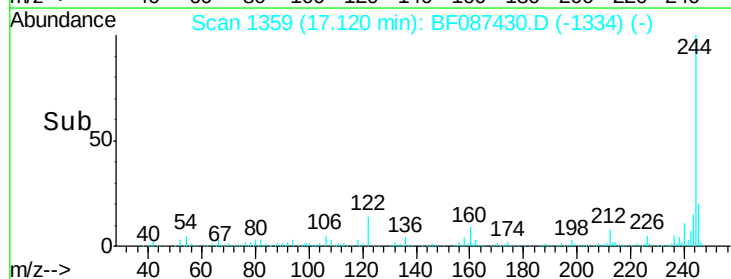
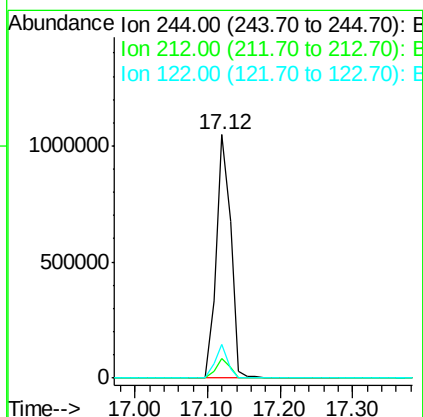
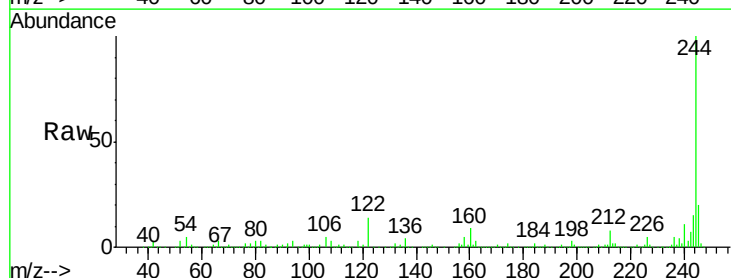
RT: 17.12 min Scan# 1359

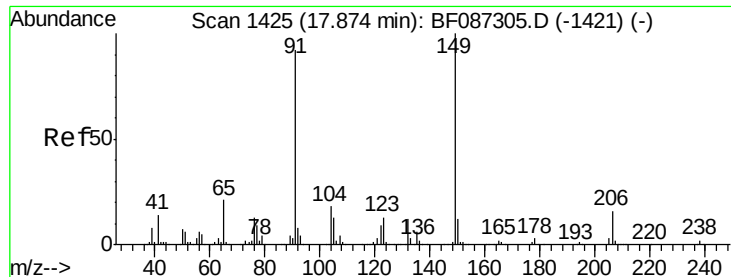
Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1450127 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 8.0   | 6.2   | 9.2     |
| 122      | 13.7  | 12.0  | 18.0    |





#79

Butylbenzylphthalate

Concen: 38.35 ng

RT: 17.78 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 474430

Ion Ratio Lower Upper

149 100

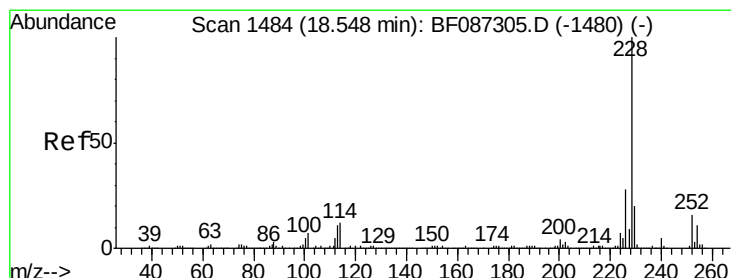
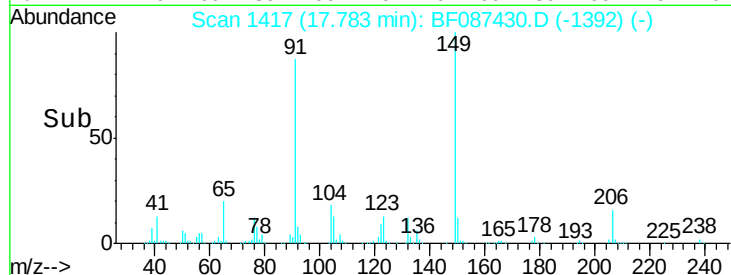
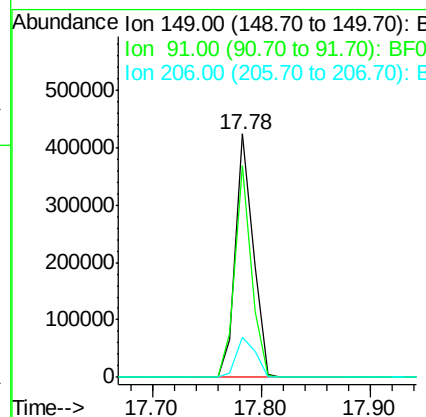
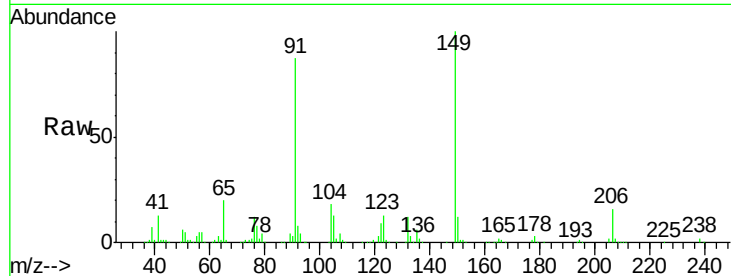
91 87.0 48.0 72.0#

206 16.4 15.8 23.6

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#80

Benzo(a)anthracene

Concen: 38.96 ng

RT: 18.46 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

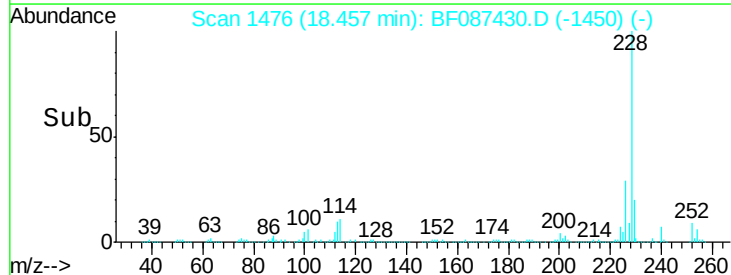
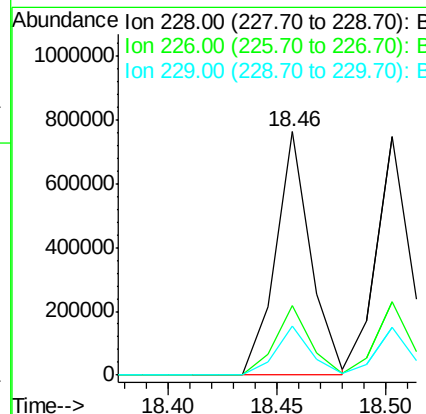
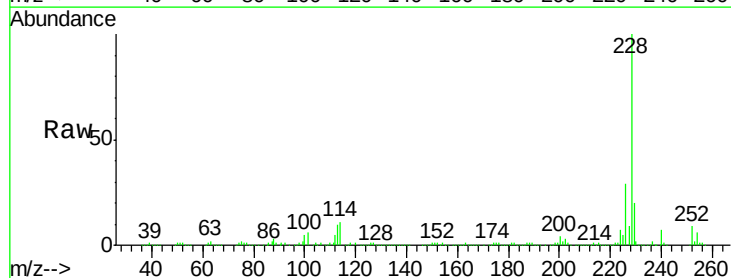
Tgt Ion:228 Resp: 858826

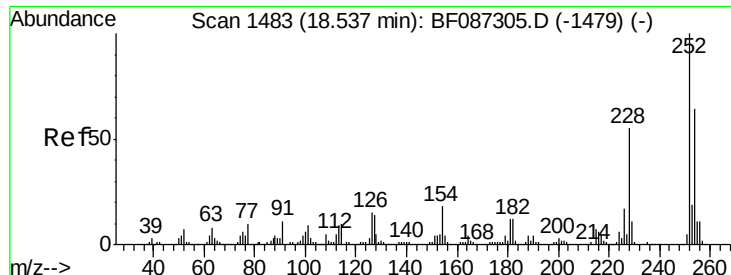
Ion Ratio Lower Upper

228 100

226 28.5 22.5 33.7

229 20.3 16.6 25.0





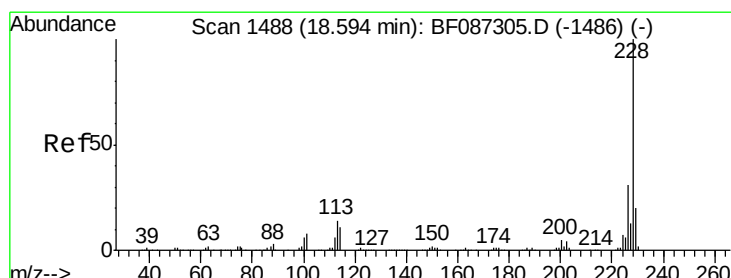
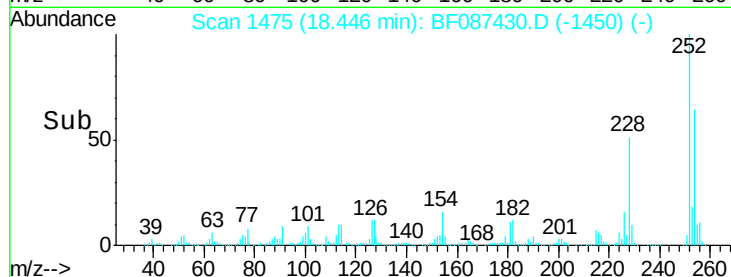
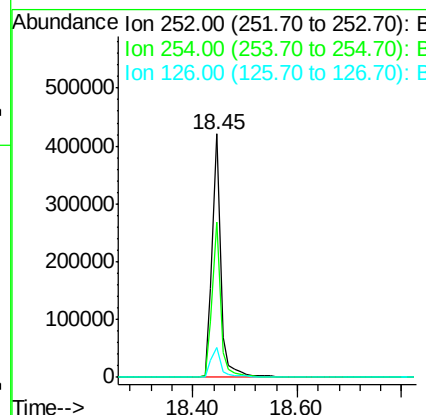
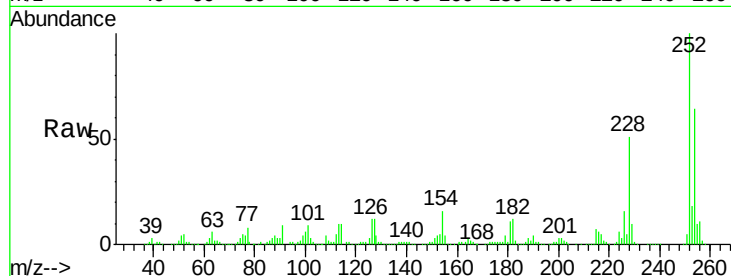
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.24 ng  
 RT: 18.45 min Scan# 1475  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 490052 |       |       |
| 254     | 64.0  | 50.7   | 76.1  |       |
| 126     | 12.3  | 12.7   | 19.1  |       |

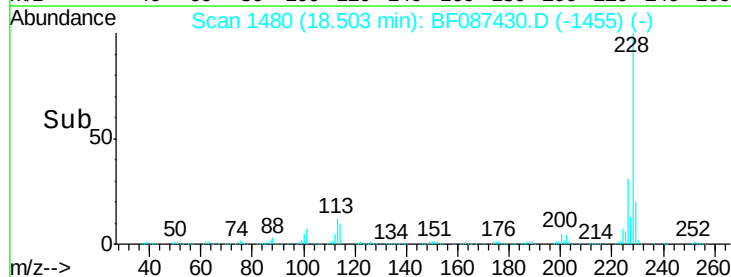
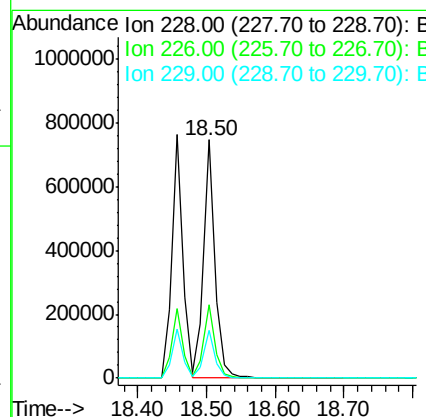
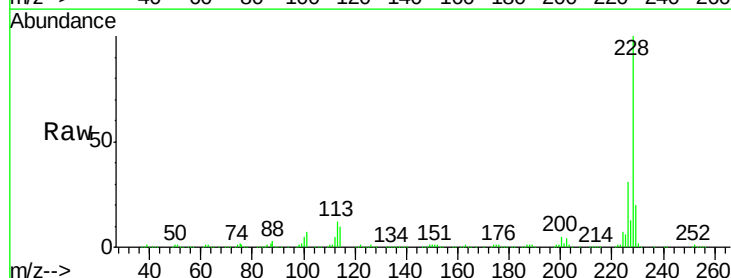
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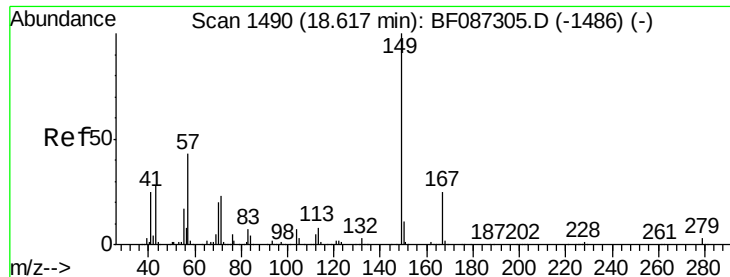
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#82  
 Chrysene  
 Concen: 38.60 ng  
 RT: 18.50 min Scan# 1480  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 844393 |       |       |
| 226     | 30.9  | 24.4   | 36.6  |       |
| 229     | 20.0  | 15.8   | 23.8  |       |





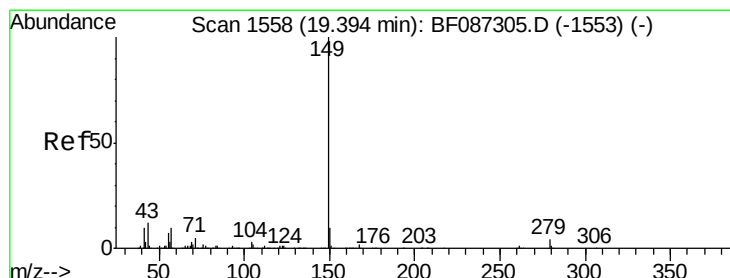
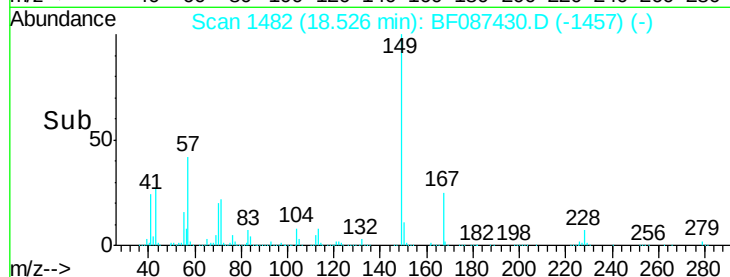
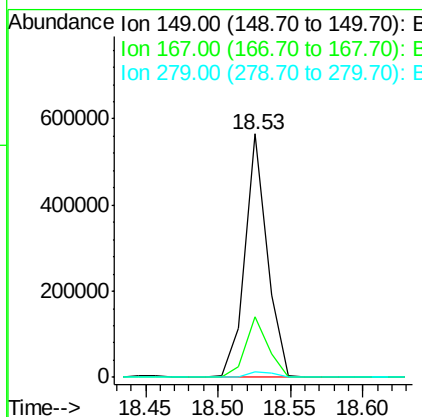
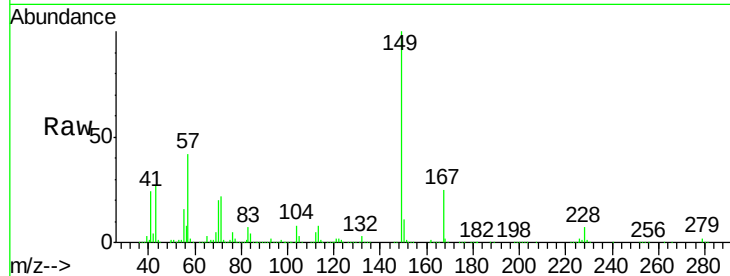
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 33.52 ng  
 RT: 18.53 min Scan# 1482  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 604978 |       |       |
| 167     | 24.7  | 21.8   | 32.6  |       |
| 279     | 2.5   | 2.6    | 4.0#  |       |

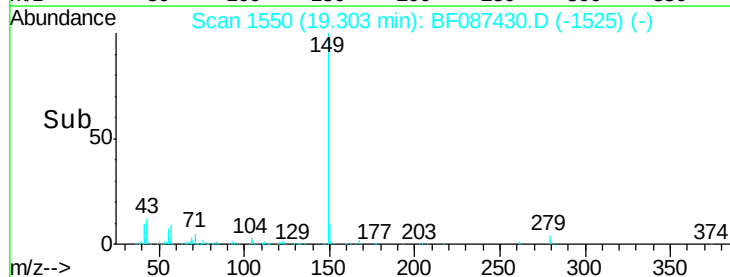
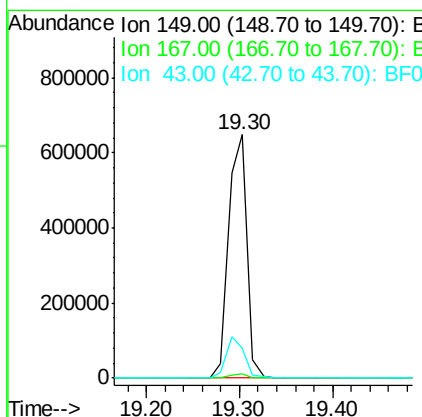
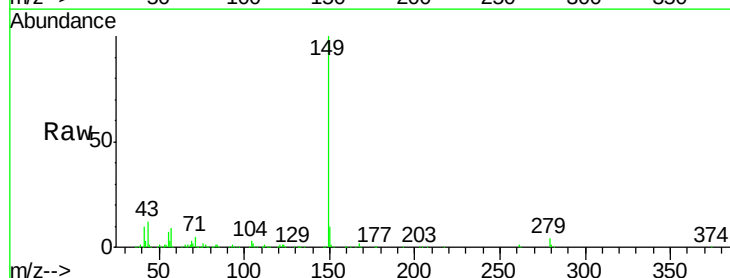
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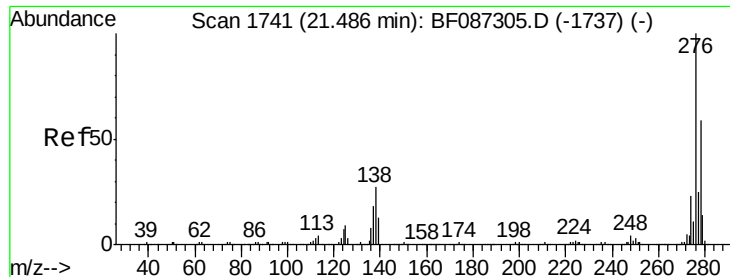
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#84  
 Di-n-octyl phthalate  
 Concen: 32.11 ng  
 RT: 19.30 min Scan# 1550  
 Delta R.T. -0.01 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 883903 |       |       |
| 167     | 1.6   | 1.2    | 1.8   |       |
| 43      | 16.9  | 8.2    | 12.4# |       |





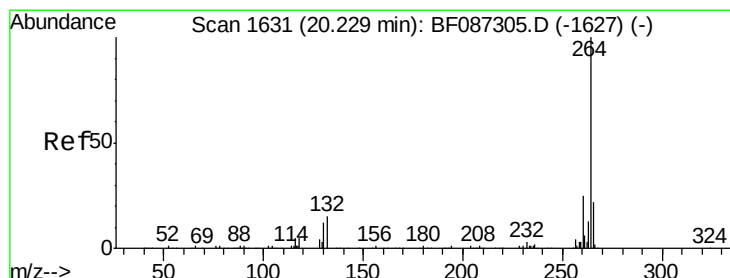
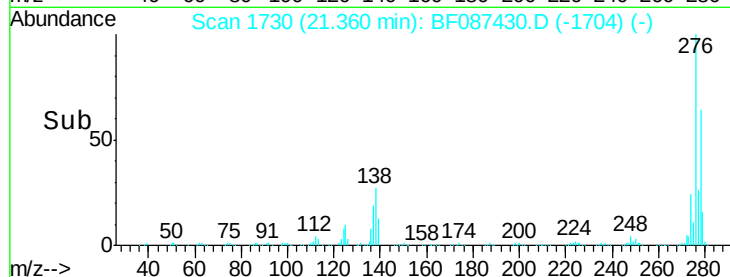
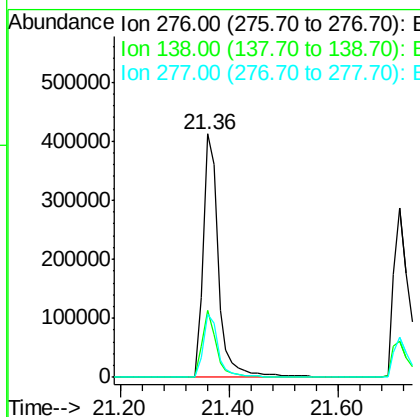
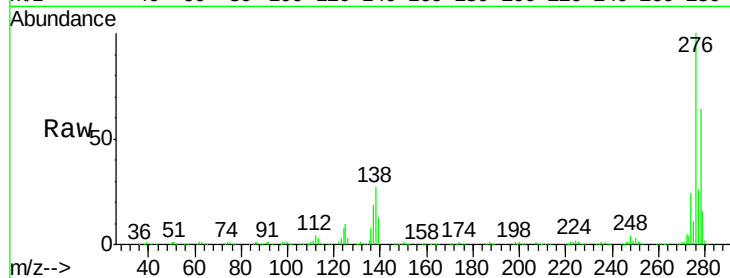
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.74 ng  
 RT: 21.36 min Scan# 1730  
 Delta R.T. -0.00 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.0  | 25.6  | 38.4  |
| 277     | 25.8  | 20.5  | 30.7  |

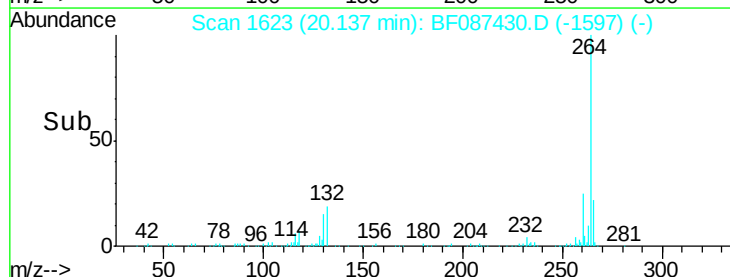
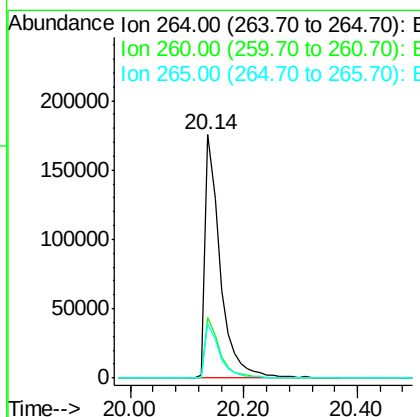
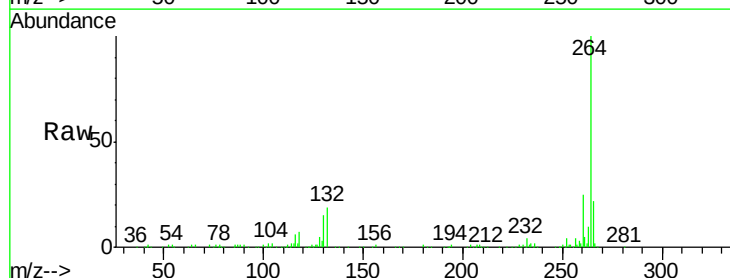
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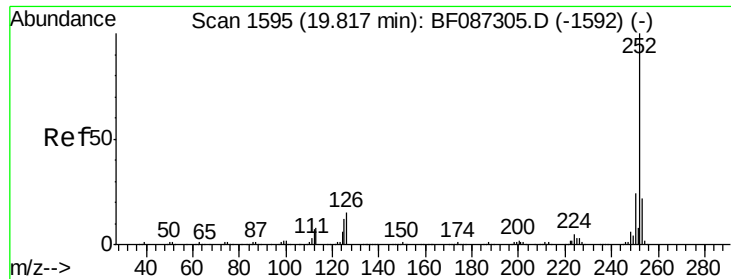
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 20.14 min Scan# 1623  
 Delta R.T. -0.00 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 19.5  | 29.3  |
| 265     | 22.2  | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 38.27 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA\_F

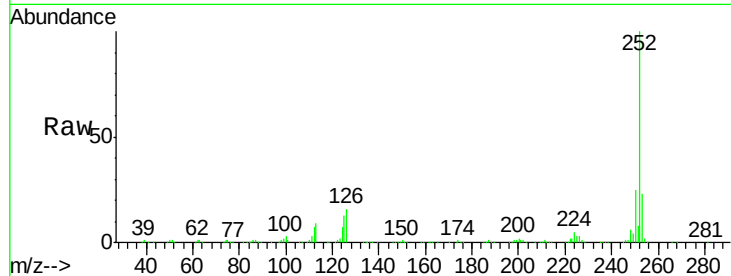
ClientSampleId :

SSTDCCC040

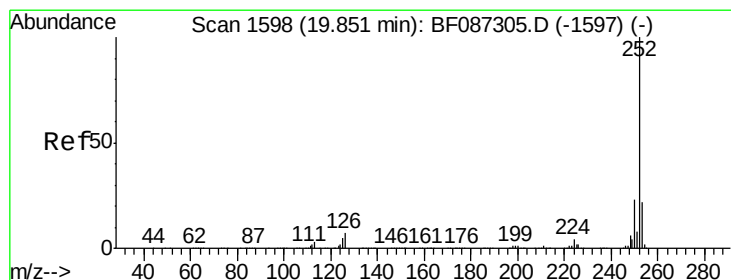
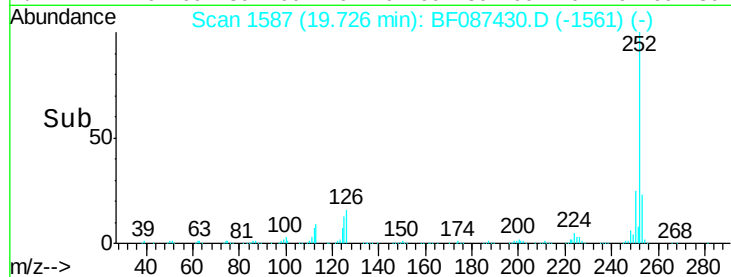
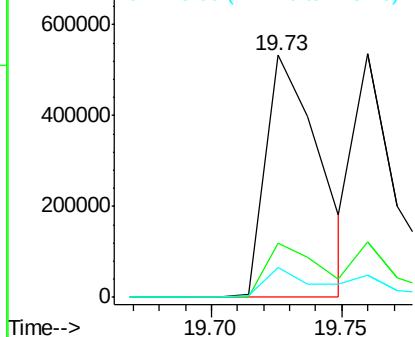
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.8  | 26.6  |
| 125     | 12.6  | 11.4  | 17.0  |

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



#88

Benzo(k)fluoranthene

Concen: 37.84 ng m

RT: 19.76 min Scan# 1590

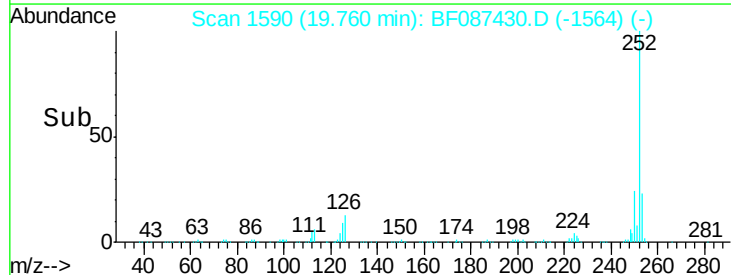
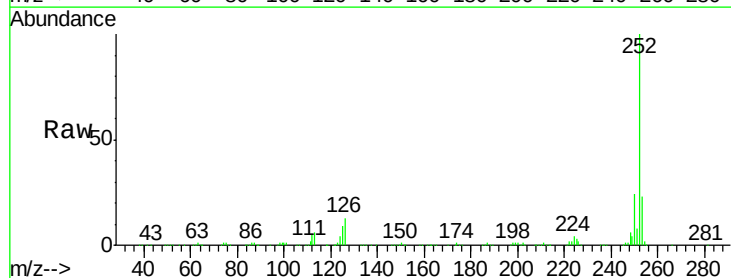
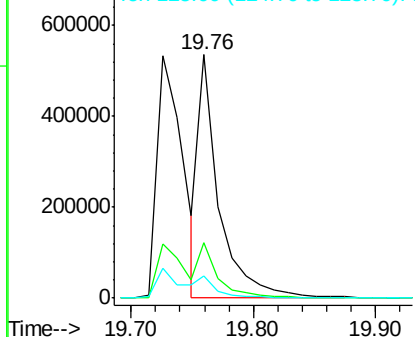
Delta R.T. -0.00 min

Lab File: BF087430.D

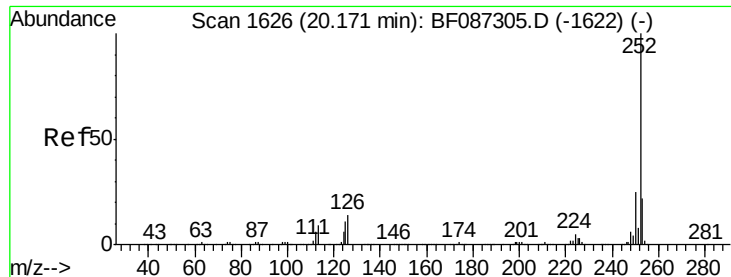
Acq: 27 May 2016 4:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.8  | 26.6  |
| 125     | 9.0   | 9.1   | 13.7# |

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







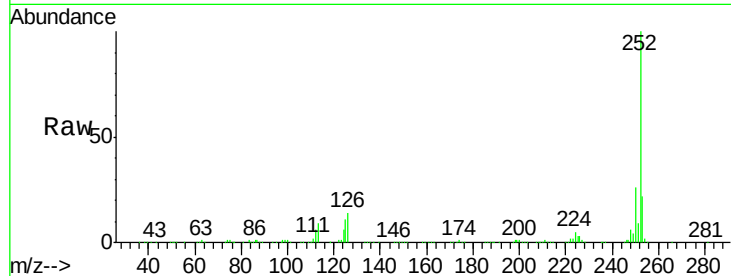
#89  
Benzo(a)pyrene  
Concen: 38.93 ng  
RT: 20.08 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

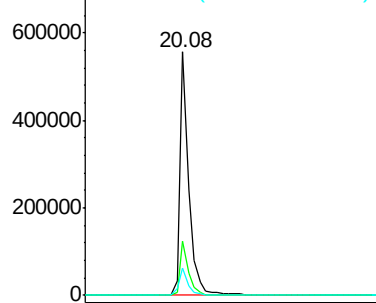
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.2  | 25.8  |
| 125     | 11.1  | 9.0   | 13.6  |

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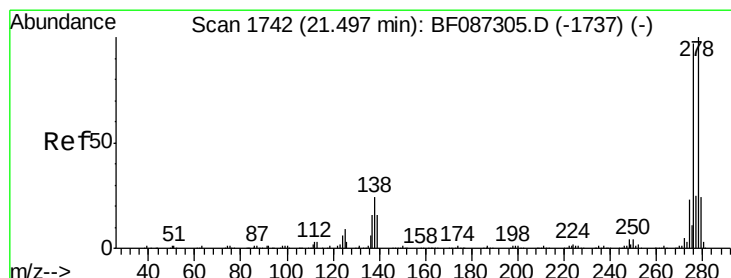
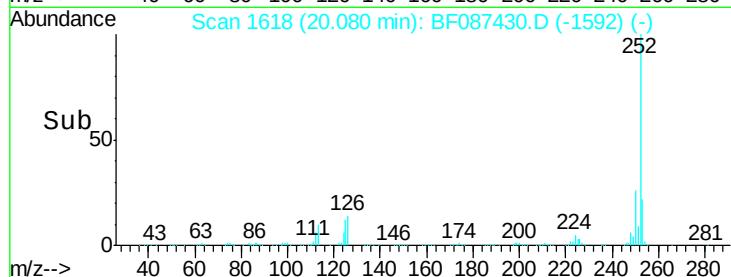
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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



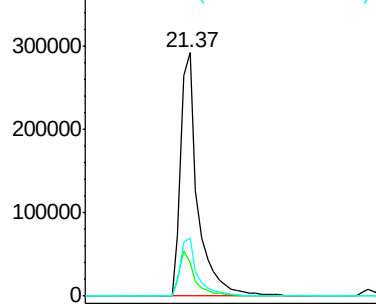
Time-->



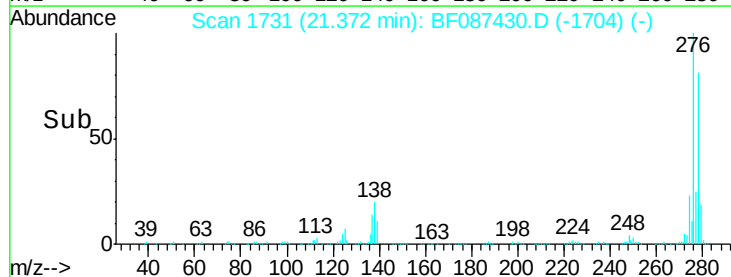
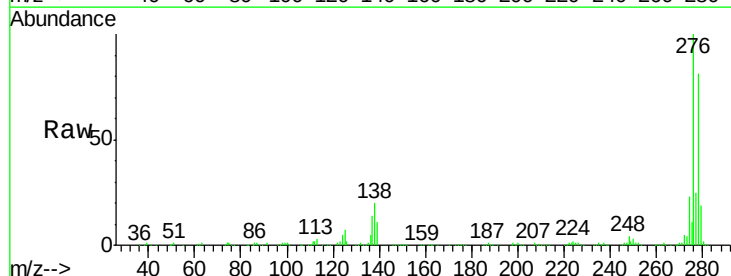
#90  
Dibenzo(a,h)anthracene  
Concen: 44.93 ng  
RT: 21.37 min Scan# 1731  
Delta R.T. 0.01 min  
Lab File: BF087430.D  
Acq: 27 May 2016 4:21

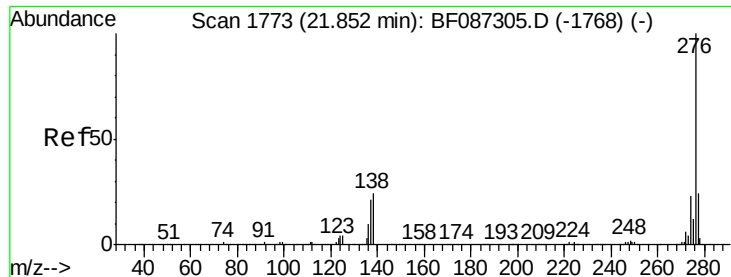
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.7  | 16.6  | 24.8# |
| 279     | 23.7  | 19.6  | 29.4  |

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



Time-->





#91  
 Benzo(a,h,i)perylene  
 Concen: 46.37 ng  
 RT: 21.71 min Scan# 1761  
 Delta R.T. -0.00 min  
 Lab File: BF087430.D  
 Acq: 27 May 2016 4:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 23.7  | 19.6       | 29.4  |
| 138     | 21.2  | 23.6       | 35.4  |

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