

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051216\  
 Data File : BF086931.D  
 Acq On : 12 May 2016 15:32  
 Operator : UM/SJ  
 Sample : PB90495BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

Manual Integrations  
 APPROVED

sohil  
 5/13/2016 8:03:38 PM

Quant Time: May 13 01:01:16 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 13 00:58:18 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.63  | 152  | 156826   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.91  | 136  | 650429   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.66  | 164  | 316096   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.14 | 188  | 625831   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.76 | 240  | 401033   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.12 | 264  | 328302   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.23  | 112 | 1003240 | 108.34 | ng | 0.02  |
| 7) Phenol-d6             | 6.30  | 99  | 1242323 | 100.38 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.20  | 82  | 879267  | 67.88  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.46 | 330 | 360880  | 107.84 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 8.99  | 172 | 1467948 | 78.05  | ng | 0.00  |
| 78) Terphenyl-d14        | 12.72 | 244 | 1195323 | 63.24  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.17 | 88  | 133042  | 29.26 | ng | # 65   |
| 3) Pyridine                    | 2.81 | 79  | 359038  | 32.30 | ng | # 64   |
| 4) n-Nitrosodimethylamine      | 2.76 | 42  | 277255  | 34.40 | ng | # 50   |
| 6) Aniline                     | 6.30 | 93  | 172537  | 11.53 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.41 | 128 | 375958  | 33.65 | ng | # 81   |
| 9) Benzaldehyde                | 6.17 | 77  | 29581   | 4.13  | ng | 97     |
| 10) Phenol                     | 6.31 | 94  | 519181  | 35.29 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 6.36 | 93  | 348385  | 30.37 | ng | # 82   |
| 12) 1,3-Dichlorobenzene        | 6.56 | 146 | 389744  | 32.23 | ng | # 93   |
| 13) 1,4-Dichlorobenzene        | 6.64 | 146 | 393980m | 31.95 | ng |        |
| 14) 1,2-Dichlorobenzene        | 6.79 | 146 | 335338m | 31.20 | ng |        |
| 15) Benzyl Alcohol             | 6.79 | 79  | 329135  | 38.51 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.91 | 45  | 758551  | 30.42 | ng | 59     |
| 17) 2-Methylphenol             | 6.91 | 107 | 310922  | 34.97 | ng | # 82   |
| 18) Hexachloroethane           | 7.13 | 117 | 146666  | 31.61 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.05 | 70  | 279444  | 32.31 | ng | # 63   |
| 20) 3+4-Methylphenols          | 7.07 | 107 | 419108  | 36.09 | ng | # 60   |
| 22) Acetophenone               | 7.04 | 105 | 537775  | 35.00 | ng | # 94   |
| 24) Nitrobenzene               | 7.22 | 77  | 424254  | 31.84 | ng | # 87   |
| 25) Isophorone                 | 7.46 | 82  | 783045  | 32.58 | ng | 96     |
| 26) 2-Nitrophenol              | 7.53 | 139 | 183219  | 31.28 | ng | # 66   |
| 27) 2,4-Dimethylphenol         | 7.59 | 122 | 323175  | 32.39 | ng | 87     |
| 28) bis(2-Chloroethoxy)methane | 7.68 | 93  | 493716  | 38.08 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.78 | 162 | 303668  | 34.58 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.85 | 180 | 321711  | 32.76 | ng | 94     |
| 31) Naphthalene                | 7.93 | 128 | 1056250 | 32.42 | ng | 99     |
| 32) Benzoic acid               | 7.74 | 122 | 157484  | 26.87 | ng | # 81   |
| 33) 4-Chloroaniline            | 8.00 | 127 | 87173   | 6.89  | ng | 96     |
| 34) Hexachlorobutadiene        | 8.06 | 225 | 187731  | 32.95 | ng | 99     |
| 35) Caprolactam                | 8.36 | 113 | 99956m  | 33.45 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.50 | 107 | 367884  | 34.54 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.63 | 142 | 753011  | 39.54 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.79 | 216 | 289552  | 31.51 | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 8.78 | 237 | 291499  | 66.82 | ng | 95     |

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 Misc :  
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Instrument :  
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Manual Integrations  
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 5/13/2016 8:03:38 PM

Quant Time: May 13 01:01:16 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 13 00:58:18 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.91  | 196  | 203913   | 33.18 | ng    | 92       |
| 43) 2,4,5-Trichlorophenol      | 8.96  | 196  | 203884   | 32.08 | ng #  | 81       |
| 45) 1,1'-Biphenyl              | 9.08  | 154  | 827364   | 32.91 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 9.11  | 162  | 625617   | 31.76 | ng    | 93       |
| 47) 2-Nitroaniline             | 9.22  | 65   | 267291   | 37.13 | ng    | 86       |
| 48) Acenaphthylene             | 9.52  | 152  | 981614   | 33.88 | ng    | 99       |
| 49) Dimethylphthalate          | 9.40  | 163  | 833520   | 34.56 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.46  | 165  | 173358   | 34.16 | ng #  | 84       |
| 51) Acenaphthene               | 9.69  | 154  | 597190   | 33.13 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.63  | 138  | 57675    | 10.79 | ng    | 93       |
| 53) 2,4-Dinitrophenol          | 9.75  | 184  | 151808   | 60.60 | ng #  | 80       |
| 54) Dibenzofuran               | 9.86  | 168  | 865532   | 37.41 | ng    | 92       |
| 55) 4-Nitrophenol              | 9.83  | 139  | 227197   | 64.70 | ng #  | 73       |
| 56) 2,4-Dinitrotoluene         | 9.86  | 165  | 208242   | 33.16 | ng #  | 57       |
| 57) Fluorene                   | 10.20 | 166  | 649291   | 32.91 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.00 | 232  | 177747   | 37.15 | ng    | 97       |
| 59) Diethylphthalate           | 10.10 | 149  | 800718   | 34.07 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.20 | 204  | 338261   | 37.86 | ng    | 89       |
| 61) 4-Nitroaniline             | 10.25 | 138  | 182802   | 35.62 | ng #  | 80       |
| 62) Azobenzene                 | 10.36 | 77   | 976471   | 38.51 | ng    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 10.27 | 198  | 118355   | 30.44 | ng #  | 67       |
| 65) n-Nitrosodiphenylamine     | 10.33 | 169  | 662445   | 34.46 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.68 | 248  | 201650   | 31.78 | ng    | 88       |
| 67) Hexachlorobenzene          | 10.75 | 284  | 246989   | 33.31 | ng    | 95       |
| 68) Atrazine                   | 10.86 | 200  | 193228   | 30.08 | ng    | 94       |
| 69) Pentachlorophenol          | 10.96 | 266  | 223645   | 65.26 | ng    | 97       |
| 70) Phenanthrene               | 11.16 | 178  | 1120524  | 33.55 | ng    | 99       |
| 71) Anthracene                 | 11.21 | 178  | 997500   | 29.20 | ng    | 99       |
| 72) Carbazole                  | 11.37 | 167  | 962026   | 32.76 | ng    | 98       |
| 73) Di-n-butylphthalate        | 11.71 | 149  | 1231025  | 34.33 | ng    | 99       |
| 74) Fluoranthene               | 12.34 | 202  | 1114874  | 32.46 | ng    | 95       |
| 76) Benzidine                  | 12.48 | 184  | 229150   | 22.41 | ng    | 95       |
| 77) Pyrene                     | 12.57 | 202  | 1157439  | 37.70 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.20 | 149  | 479278   | 36.91 | ng #  | 76       |
| 80) Benzo(a)anthracene         | 13.75 | 228  | 827511   | 36.76 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.73 | 252  | 133051   | 9.30  | ng #  | 96       |
| 82) Chrysene                   | 13.79 | 228  | 888190   | 38.78 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.76 | 149  | 540595   | 34.61 | ng #  | 98       |
| 84) Di-n-octyl phthalate       | 14.37 | 149  | 887334   | 34.29 | ng #  | 85       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.38 | 276  | 666857   | 35.00 | ng    | 95       |
| 87) Benzo(b)fluoranthene       | 14.75 | 252  | 703307m  | 32.96 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.78 | 252  | 613084m  | 35.09 | ng    |          |
| 89) Benzo(a)pyrene             | 15.07 | 252  | 652170   | 35.44 | ng #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.38 | 278  | 557563   | 35.95 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 16.74 | 276  | 569190   | 36.12 | ng    | 95       |

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

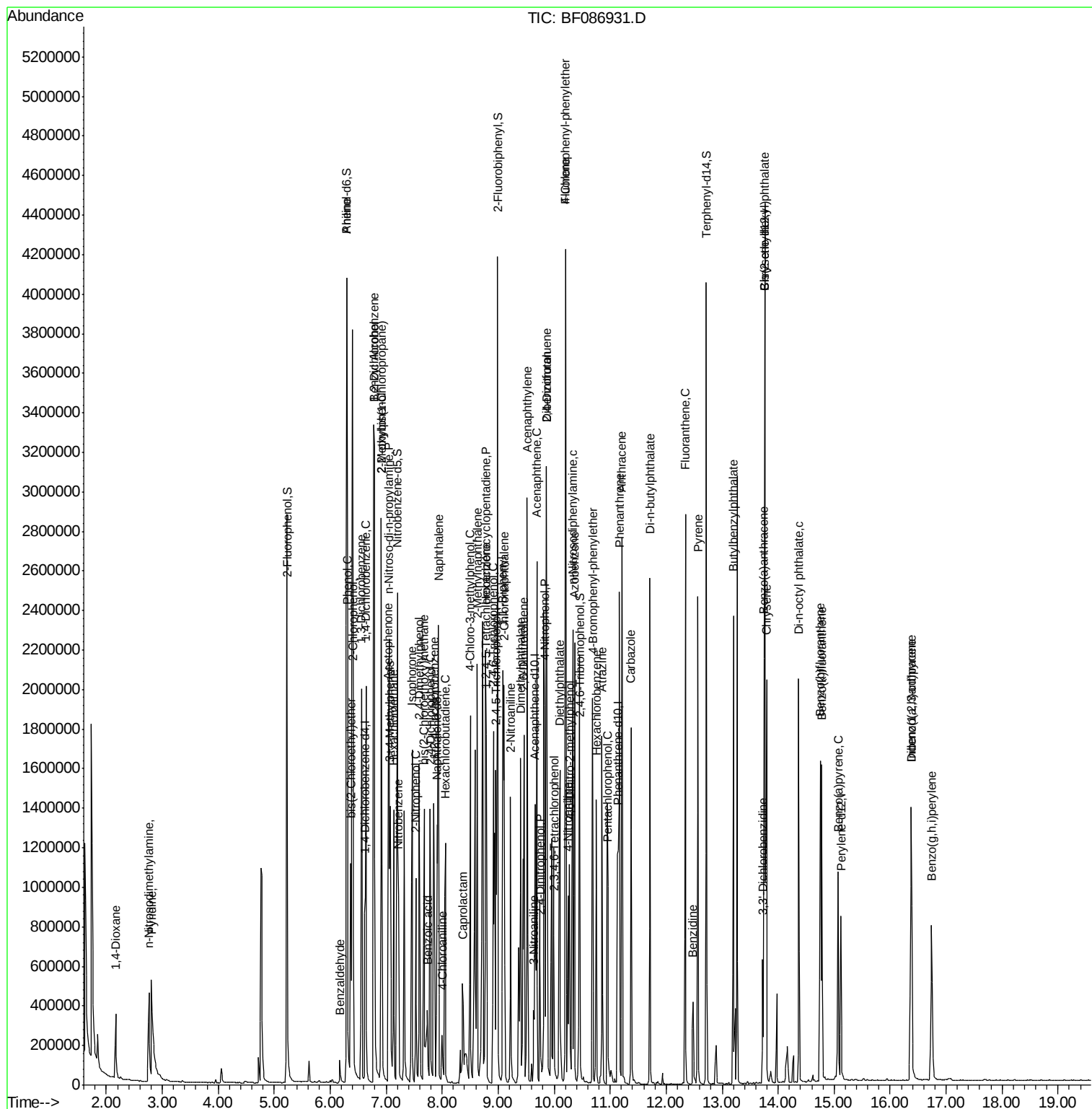
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\  
Data File : BF086931.D  
Acq On    : 12 May 2016   15:32  
Operator  : UM/SJ  
Sample    : PB90495BS  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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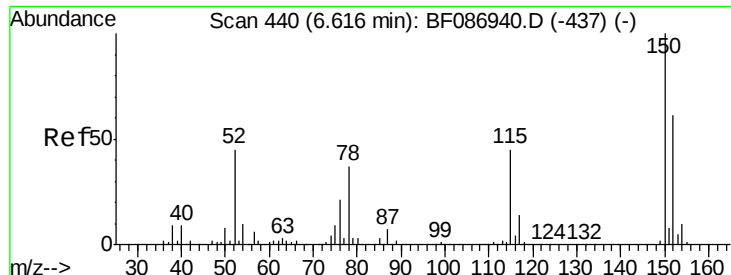
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB90495BS

## Manual Integrations APPROVED

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Quant Time: May 13 01:01:16 2016  
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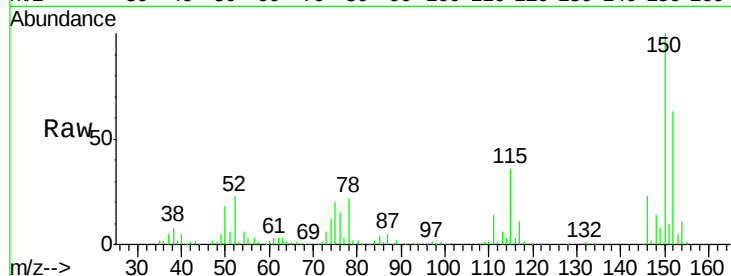




#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.63 min Scan# 441  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

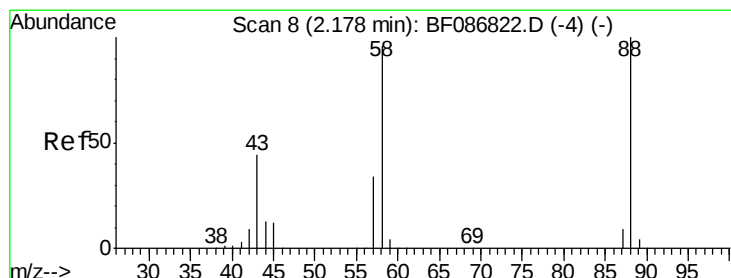
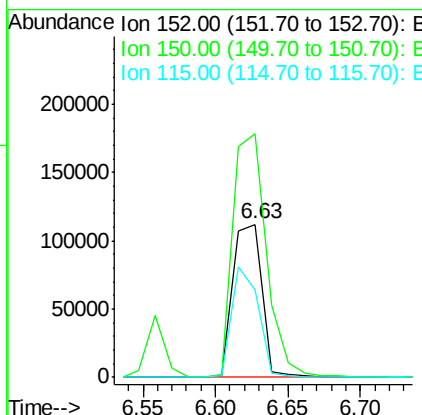
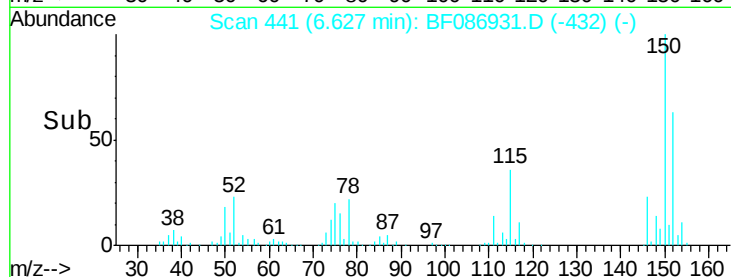
Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 156826 |       |       |
| 150     | 159.0 | 125.8  | 188.6 |       |
| 115     | 57.2  | 51.5   | 77.3  |       |

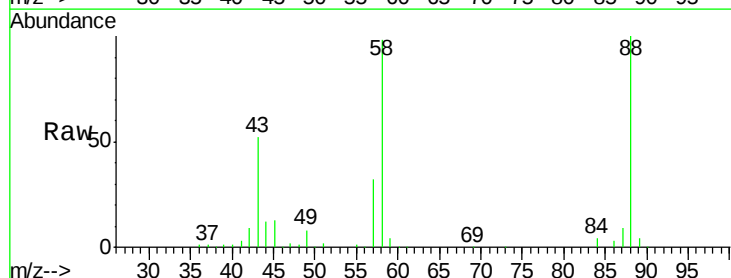
Manual Integrations  
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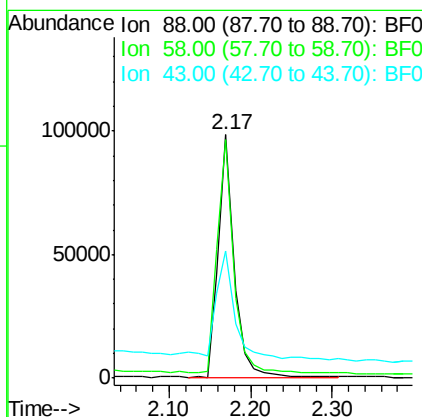
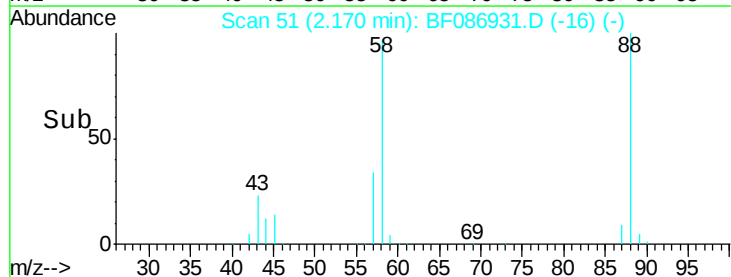


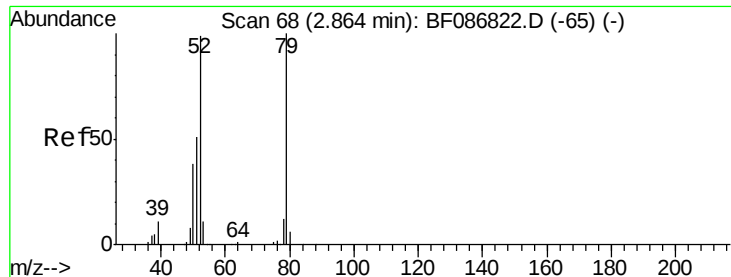
#2

1,4-Dioxane  
Concen: 29.26 ng  
RT: 2.17 min Scan# 51  
Delta R.T. 0.10 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 88      | 100   | 133042 |       |       |
| 58      | 98.5  | 59.6   | 89.4# |       |
| 43      | 54.7  | 21.8   | 32.6# |       |





#3

Pyridine

Concen: 32.30 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.10 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

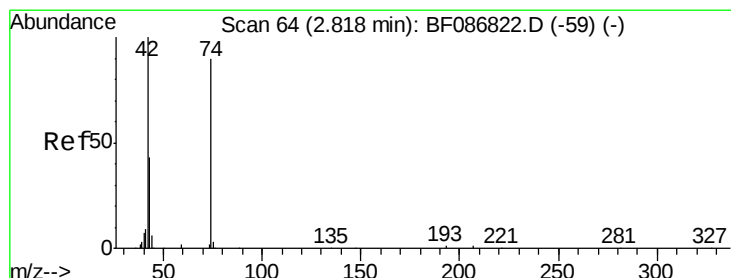
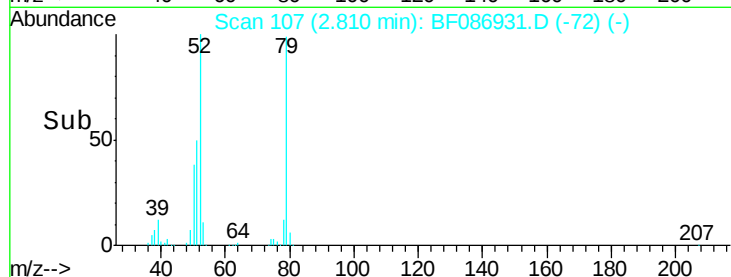
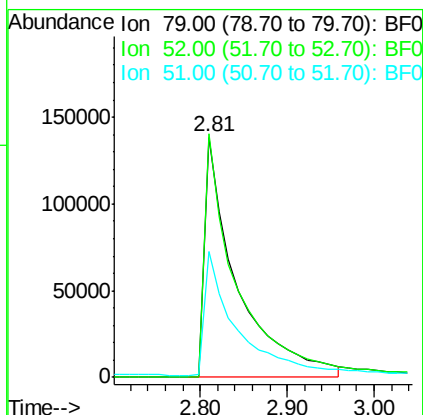
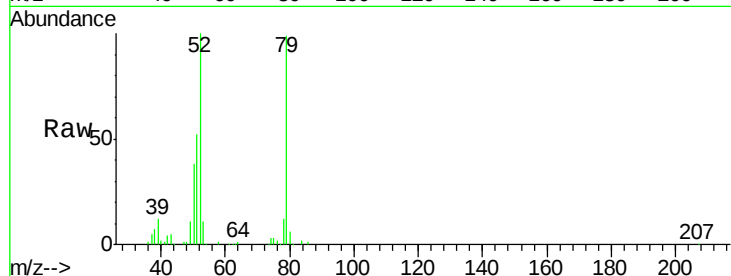
ClientSampleId :

PB90495BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 359038 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 101.5 | 55.9  | 83.9#  |
| 51        | 52.4  | 28.1  | 42.1#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 34.40 ng

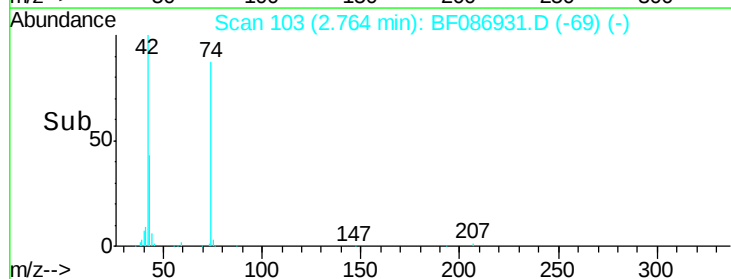
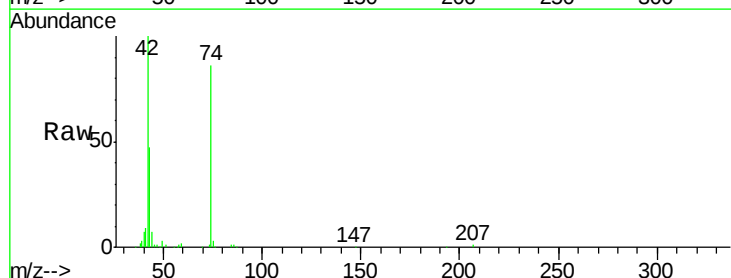
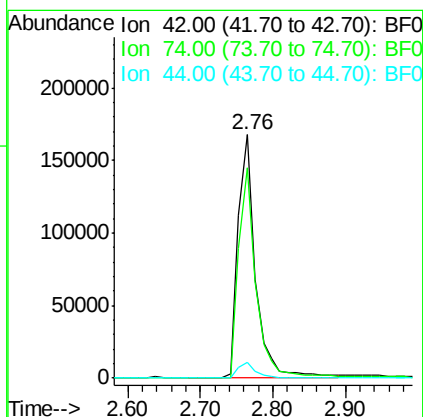
RT: 2.76 min Scan# 103

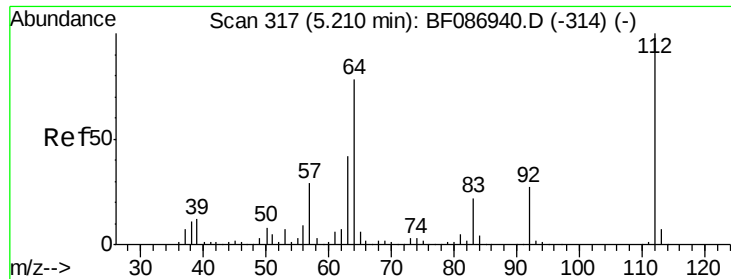
Delta R.T. 0.09 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 277255 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 86.5  | 123.4 | 185.0# |
| 44        | 6.6   | 5.8   | 8.6    |





#5

2-Fluorophenol

Concen: 108.34 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.02 min

Lab File: BF086931.D

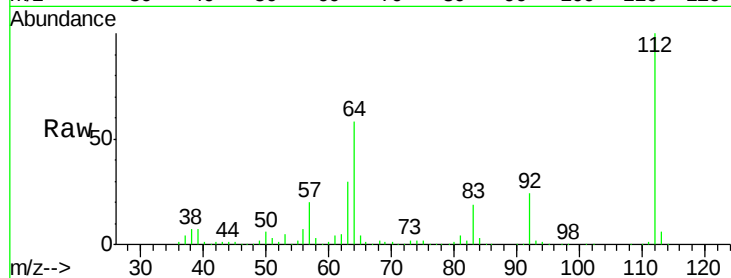
Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

PB90495BS



Tgt Ion: 112 Resp: 1003240

Ion Ratio Lower Upper

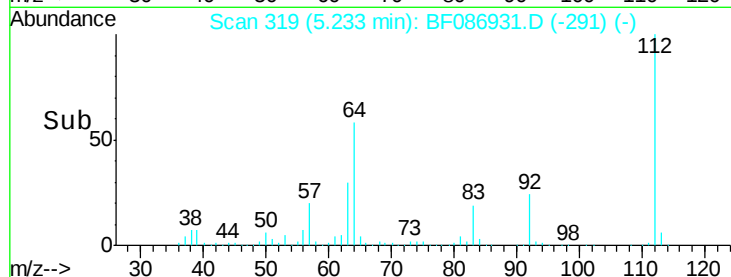
112 100

64 58.1 52.1 78.1

63 30.5 25.7 38.5

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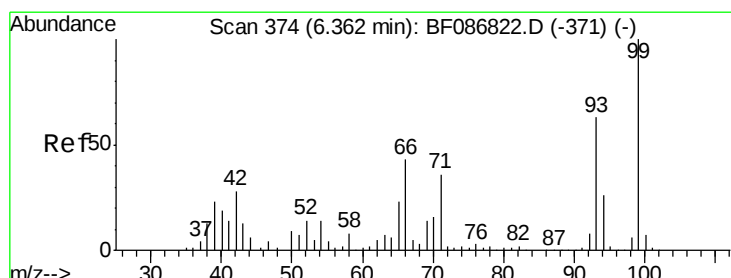
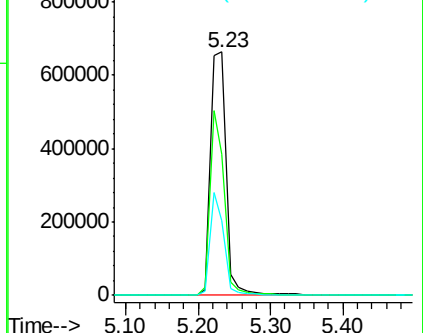
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.53 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

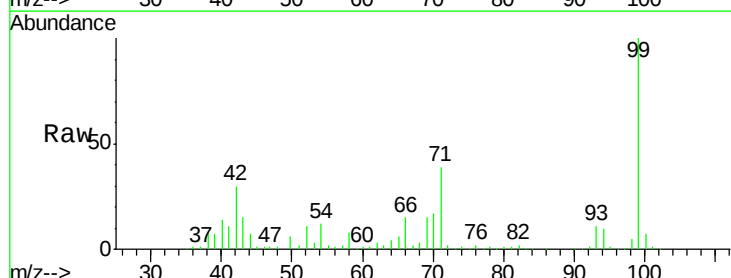
Tgt Ion: 93 Resp: 172537

Ion Ratio Lower Upper

93 100

66 135.8 39.0 58.6#

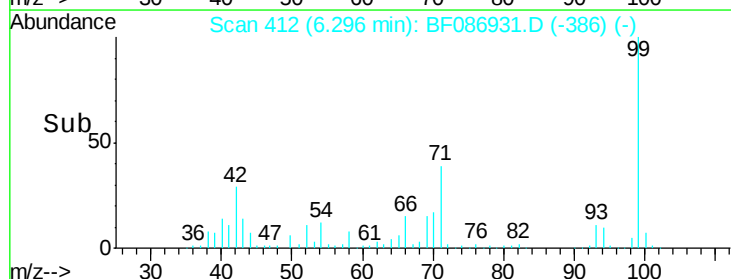
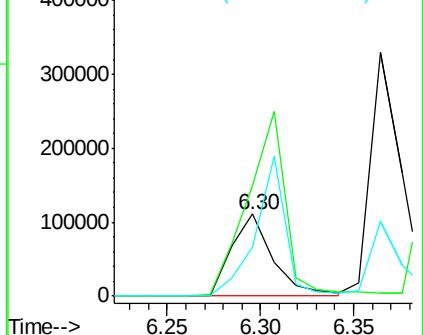
65 60.4 20.6 31.0#

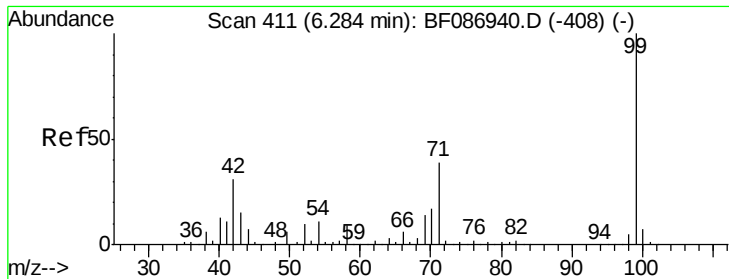


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.38 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086931.D

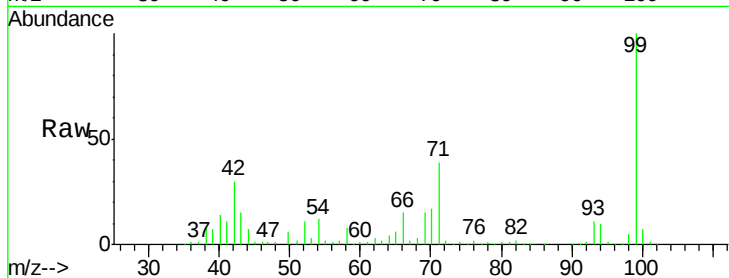
Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

PB90495BS



Tgt Ion: 99 Resp: 1242323

Ion Ratio Lower Upper

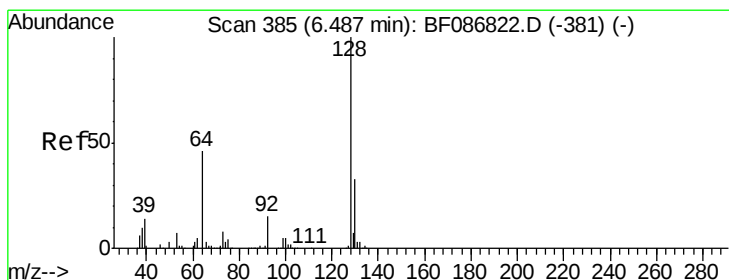
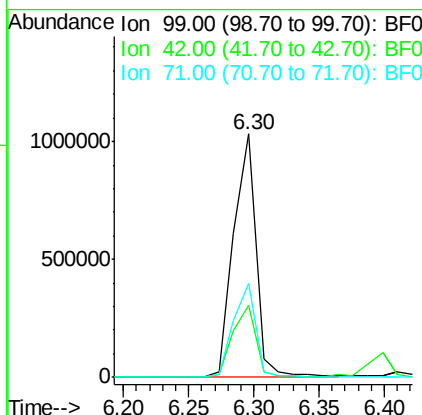
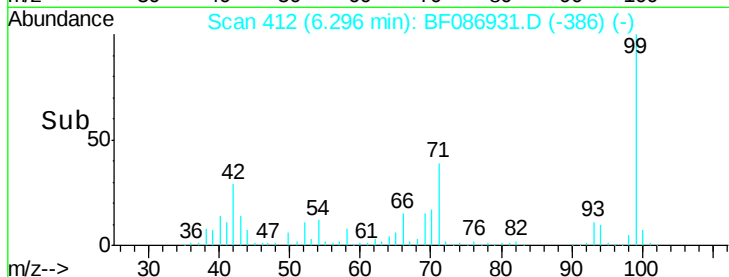
99 100

42 29.5 13.6 20.4#

71 38.6 24.6 36.8#

Manual Integrations  
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#8

2-Chlorophenol

Concen: 33.65 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

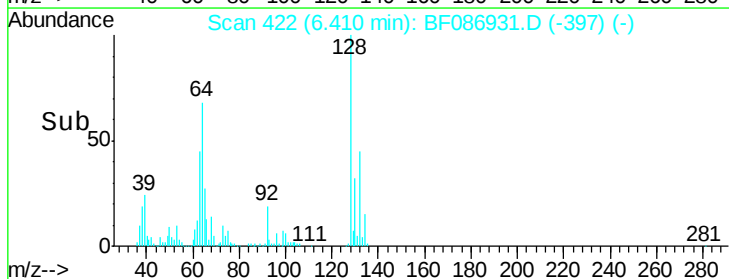
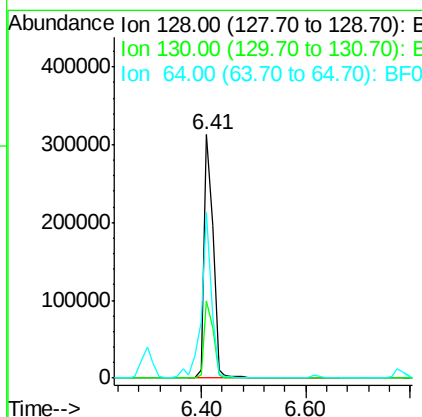
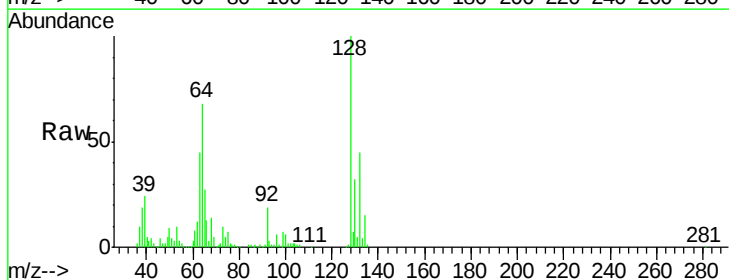
Tgt Ion: 128 Resp: 375958

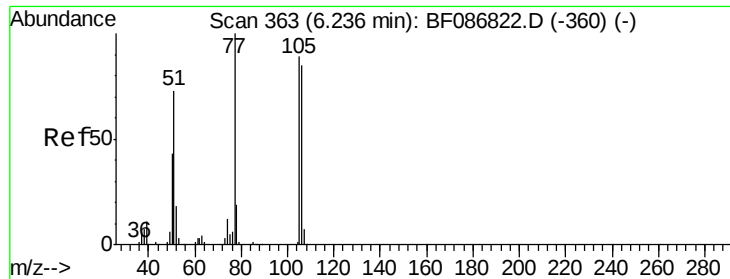
Ion Ratio Lower Upper

128 100

130 31.5 12.5 52.5

64 68.1 27.3 67.3#





#9

Benzaldehyde

Concen: 4.13 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF086931.D

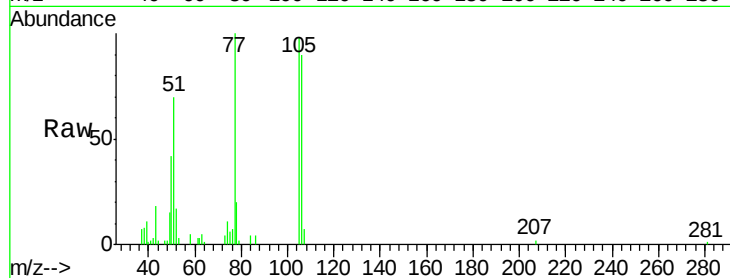
Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

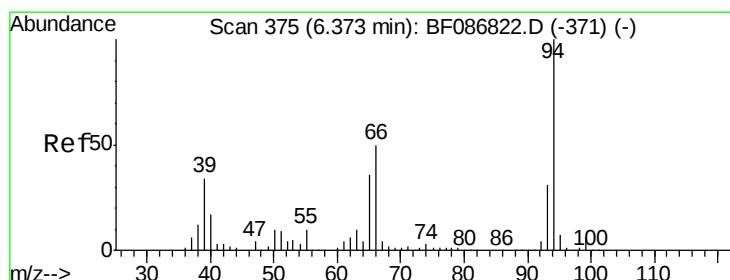
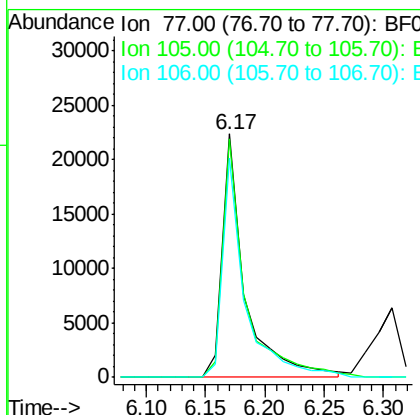
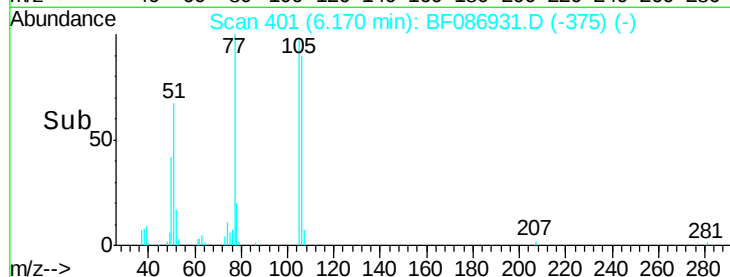
PB90495BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 29581 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 98.1  | 72.7  | 112.7 |
| 106      | 89.9  | 70.8  | 110.8 |

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#10

Phenol

Concen: 35.29 ng

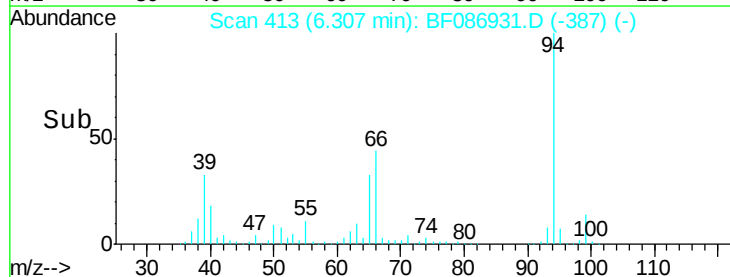
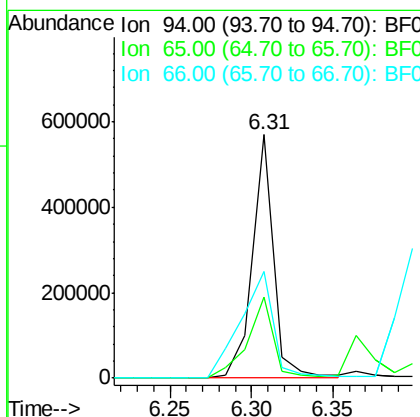
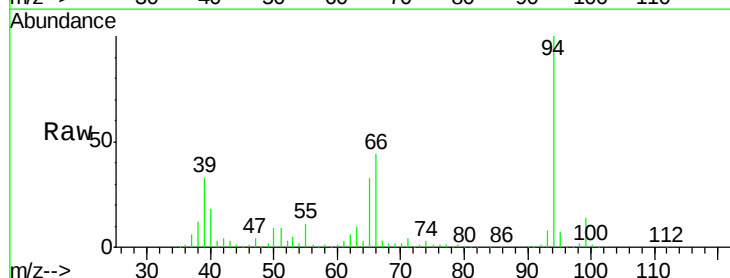
RT: 6.31 min Scan# 413

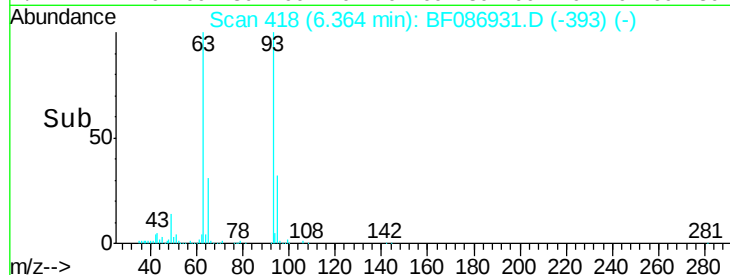
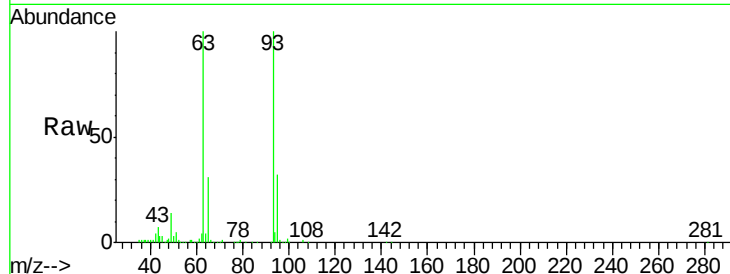
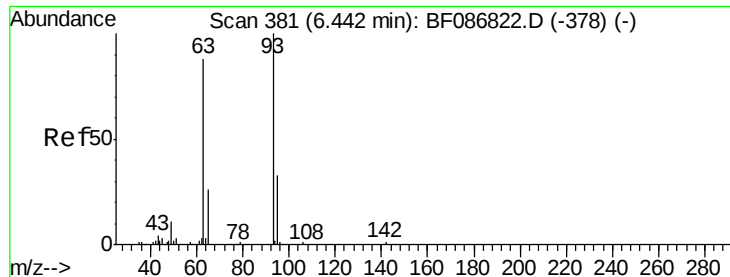
Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 519181 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.2  | 7.2   | 47.2   |
| 66       | 44.0  | 14.9  | 54.9   |





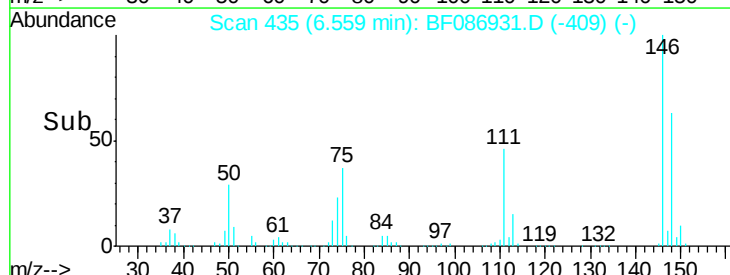
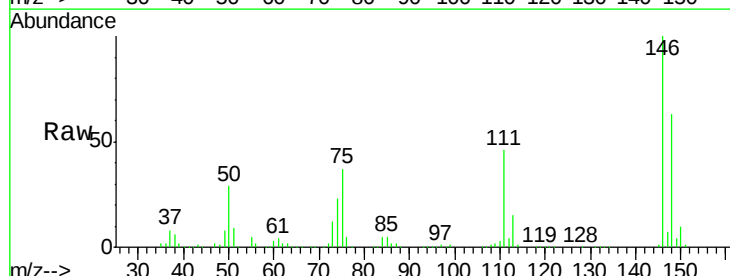
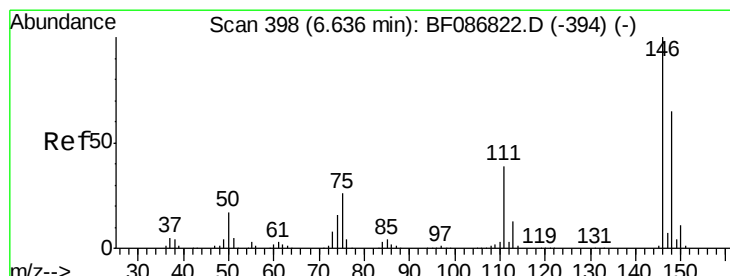
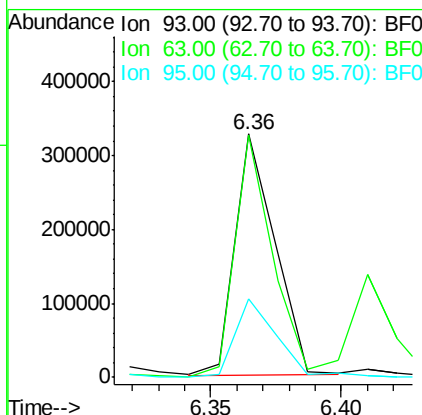
#11  
bis(2-Chloroethyl)ether  
Concen: 30.37 ng  
RT: 6.36 min Scan# 418  
Delta R.T. -0.01 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 348385 |       |       |
| 63      | 99.6  | 58.0   | 98.0# |       |
| 95      | 32.4  | 11.9   | 51.9  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

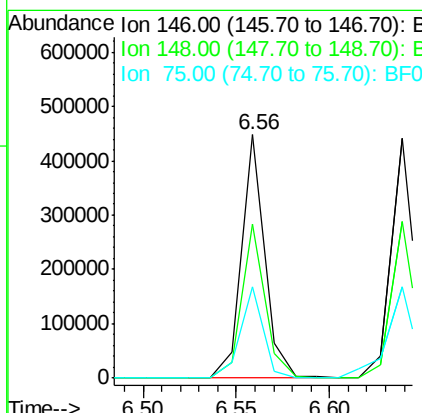
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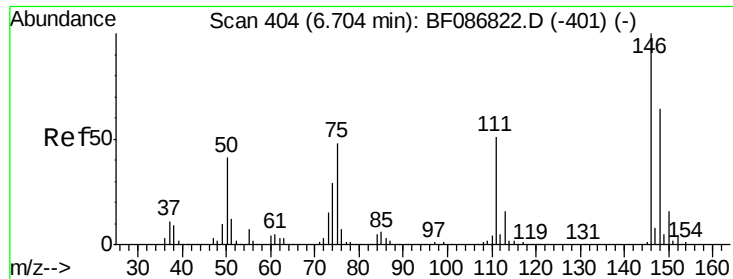
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#12  
1,3-Dichlorobenzene  
Concen: 32.23 ng  
RT: 6.56 min Scan# 435  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 389744 |       |       |
| 148     | 63.1  | 52.4   | 78.6  |       |
| 75      | 37.3  | 22.8   | 34.2# |       |





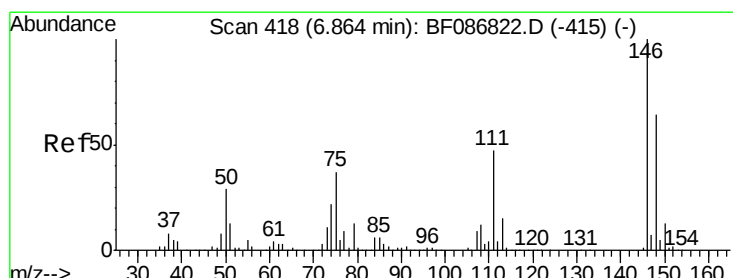
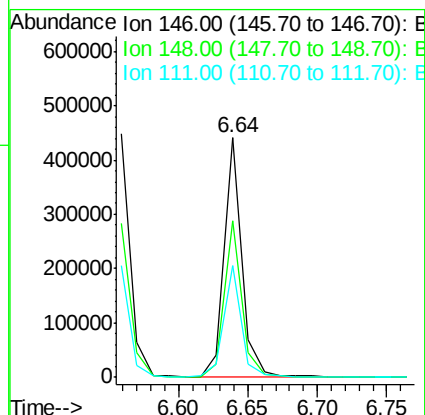
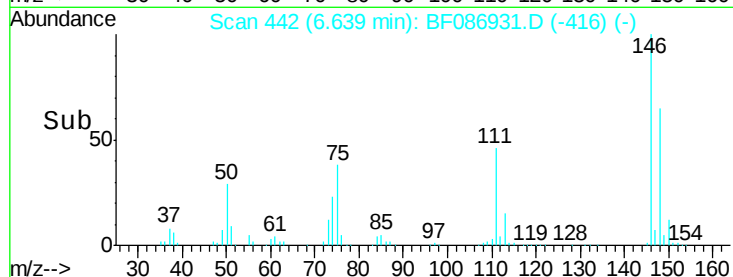
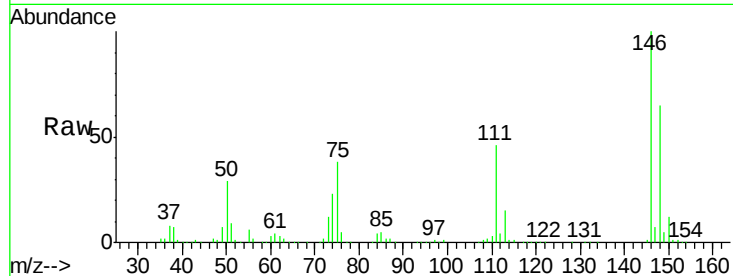
#13  
 1,4-Dichlorobenzene  
 Concen: 31.95 ng m  
 RT: 6.64 min Scan# 442  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 393980 |       |       |
| 148     | 65.5  | 52.2   | 78.4  |       |
| 111     | 46.4  | 30.7   | 46.1  |       |

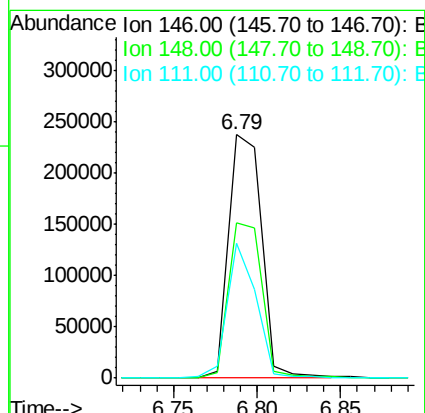
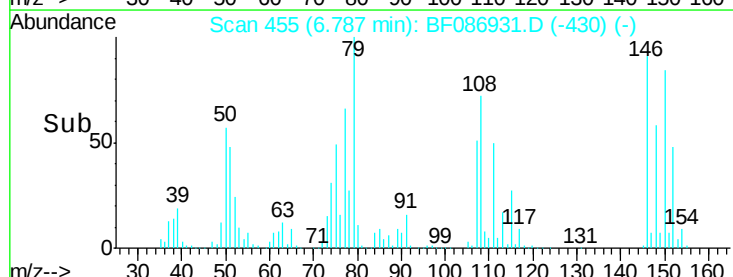
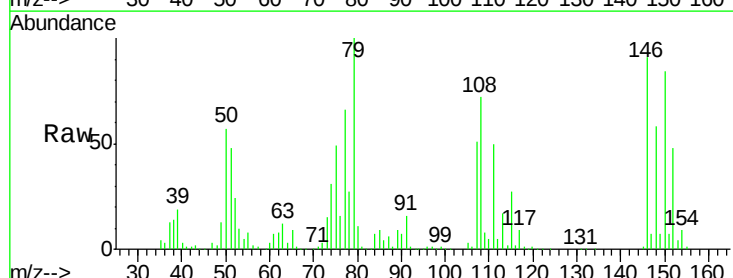
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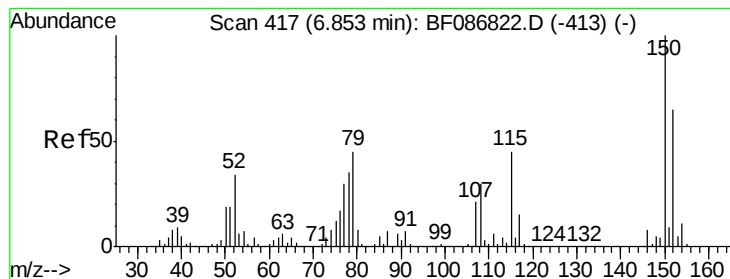
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#14  
 1,2-Dichlorobenzene  
 Concen: 31.20 ng m  
 RT: 6.79 min Scan# 455  
 Delta R.T. -0.01 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 335338 |       |       |
| 148     | 63.7  | 51.0   | 76.6  |       |
| 111     | 55.5  | 36.2   | 54.4  |       |





#15

Benzyl Alcohol

Concen: 38.51 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

PB90495BS

Tgt Ion: 79 Resp: 329135  
Ion Ratio Lower Upper

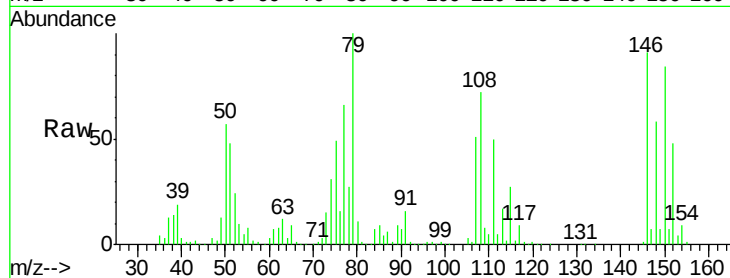
79 100

108 72.3 68.4 102.6

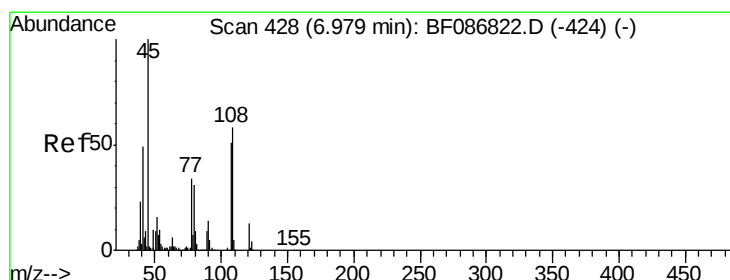
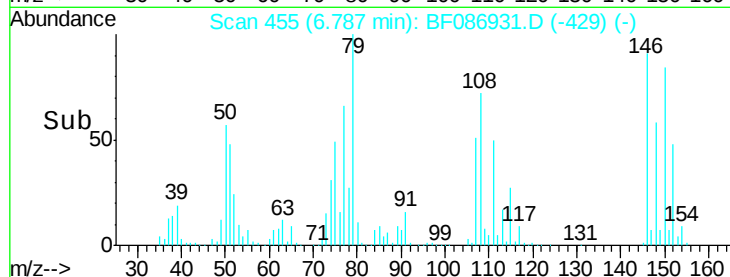
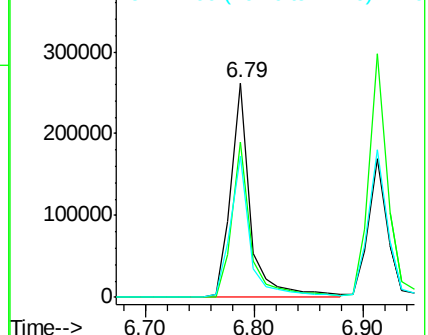
77 65.8 50.6 76.0

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Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.42 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF086931.D

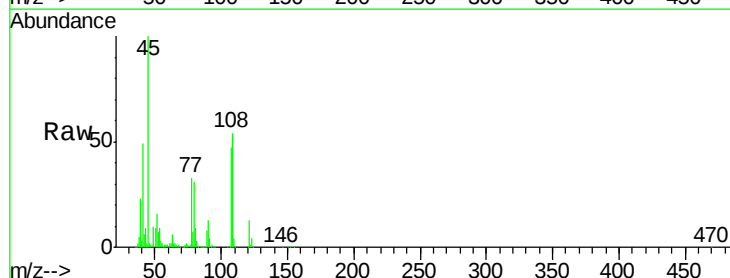
Acq: 12 May 2016 15:32

Tgt Ion: 45 Resp: 758551  
Ion Ratio Lower Upper

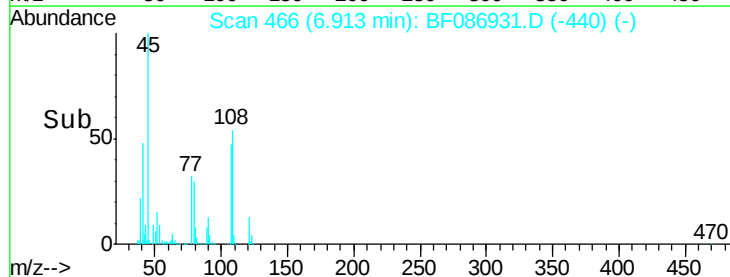
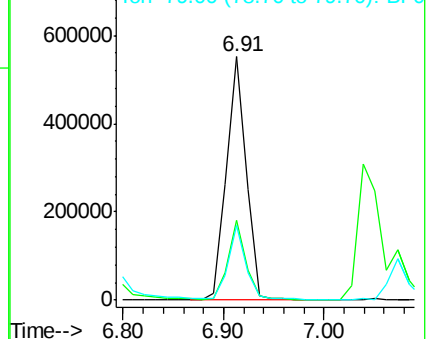
45 100

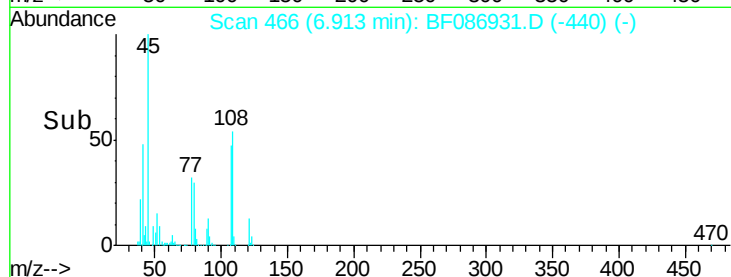
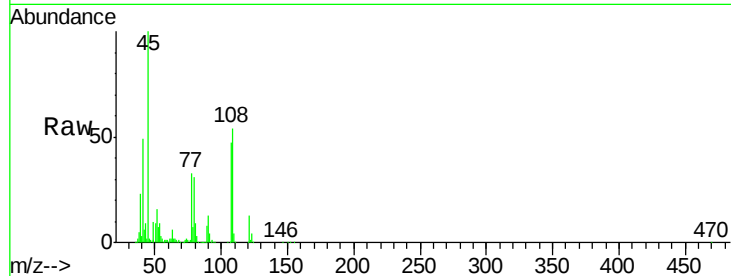
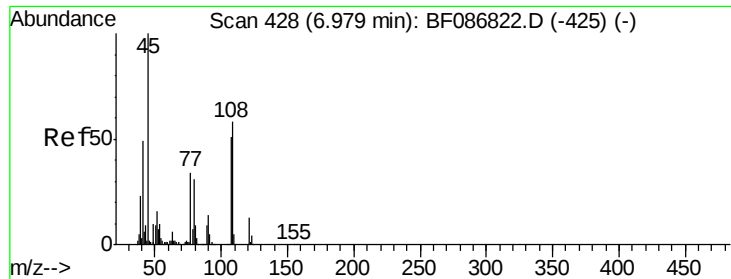
77 32.8 0.0 36.4

79 30.8 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





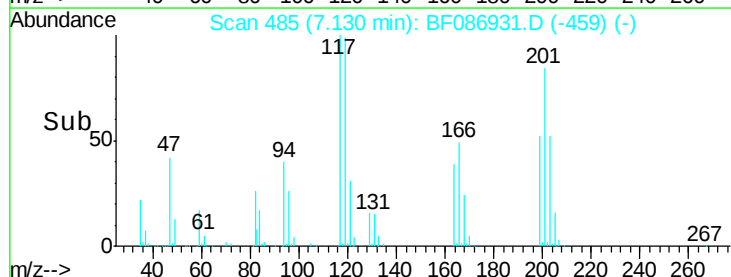
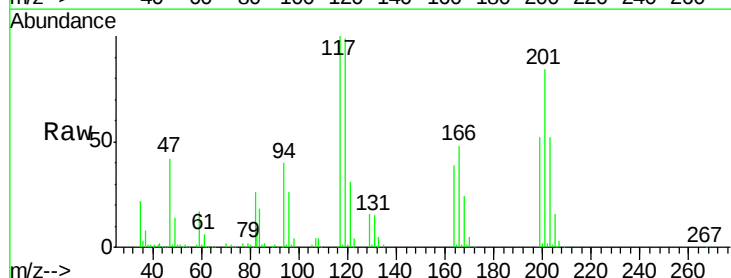
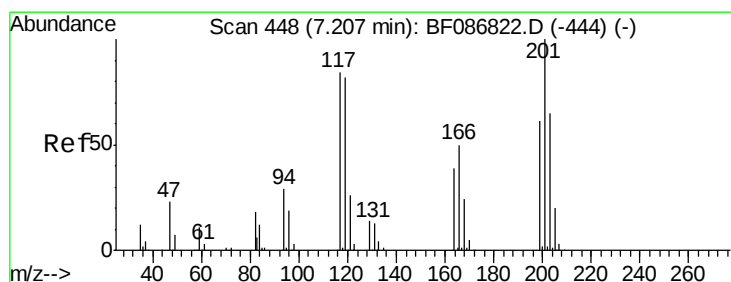
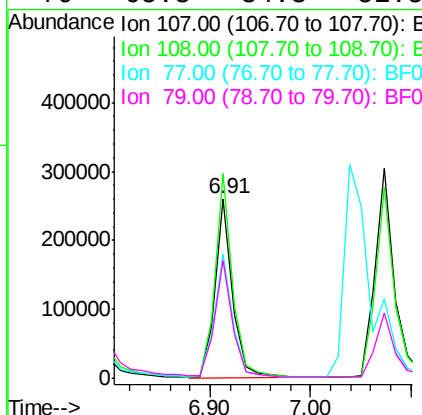
#17  
2-Methylphenol  
Concen: 34.97 ng  
RT: 6.91 min Scan# 466  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 310922 |       |       |
| 108     | 114.2 | 93.7   | 140.5 |       |
| 77      | 69.4  | 33.4   | 50.0  |       |
| 79      | 65.3  | 34.3   | 51.5  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

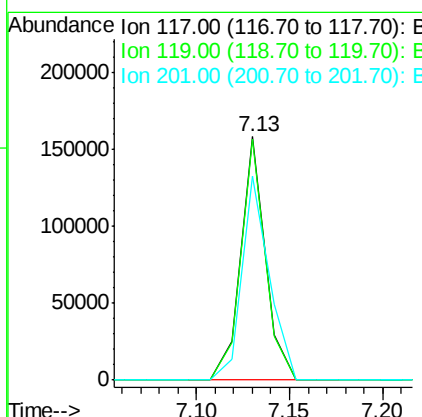
Manual Integrations  
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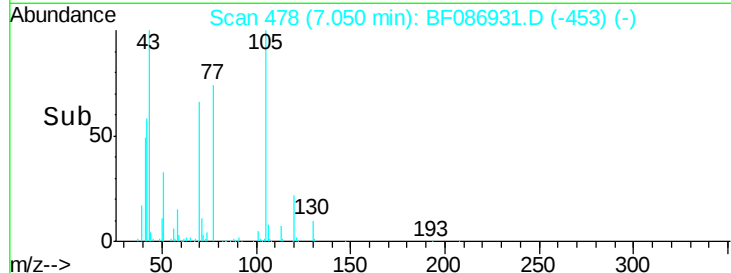
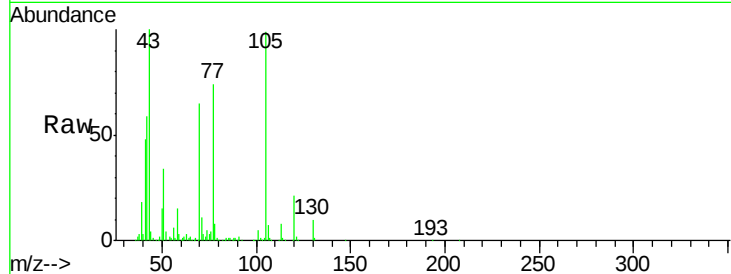
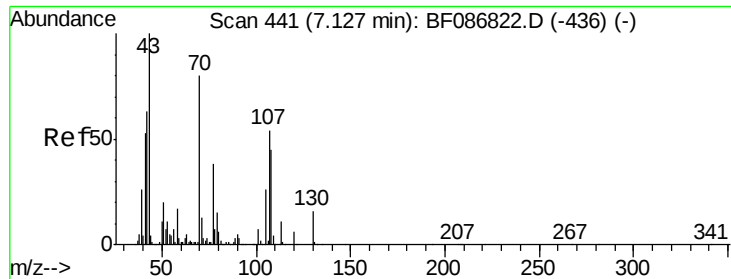
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#18  
Hexachloroethane  
Concen: 31.61 ng  
RT: 7.13 min Scan# 485  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 146666 |       |       |
| 119     | 99.0  | 76.5   | 114.7 |       |
| 201     | 83.7  | 63.0   | 94.6  |       |





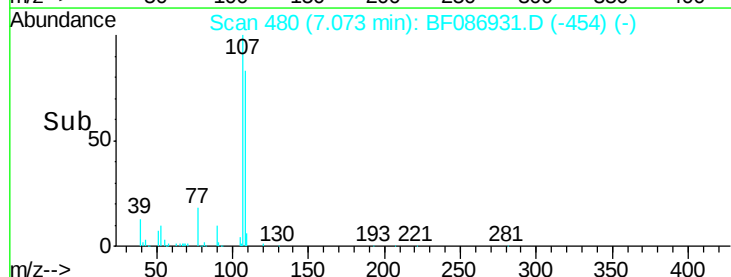
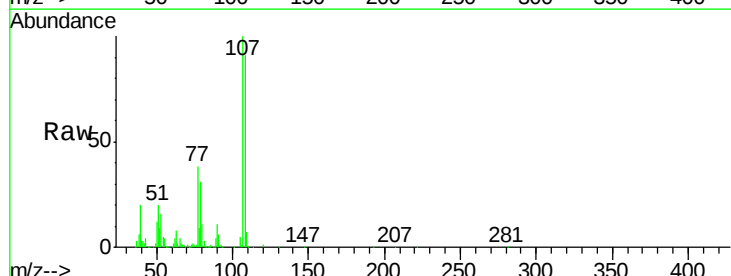
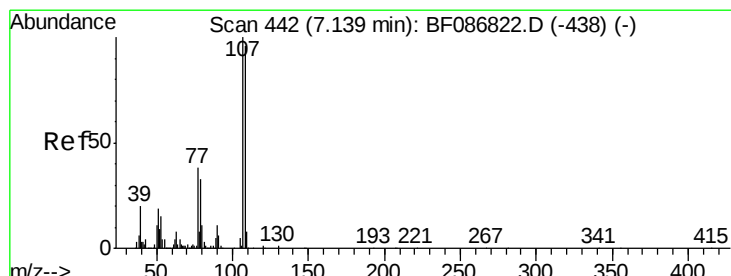
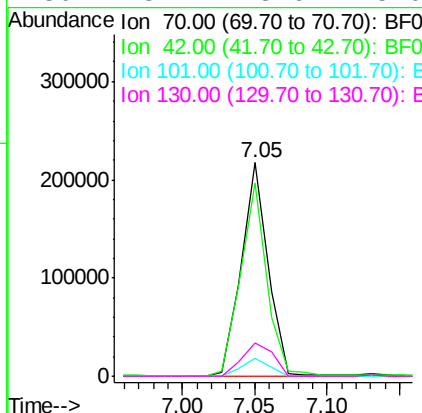
#19  
n-Nitroso-di-n-propylamine  
Concen: 32.31 ng  
RT: 7.05 min Scan# 478  
Delta R.T. -0.01 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

Manual Integrations  
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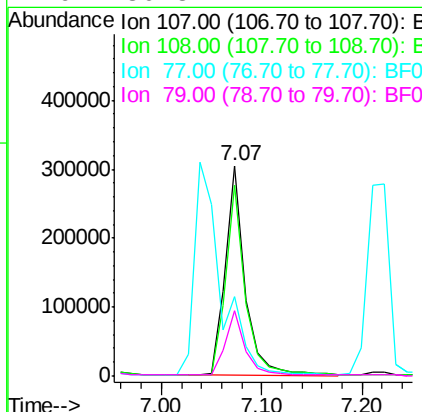
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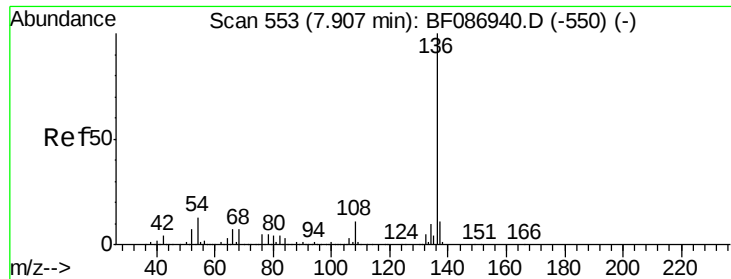
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 90.6  | 43.1  | 64.7# |
| 101     | 8.2   | 8.1   | 12.1  |
| 130     | 15.4  | 18.6  | 28.0# |



#20  
3+4-Methylphenols  
Concen: 36.09 ng  
RT: 7.07 min Scan# 480  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 90.9  | 68.5  | 108.5  |
| 77      | 37.7  | 101.6 | 141.6# |
| 79      | 30.8  | 7.4   | 47.4   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF086931.D

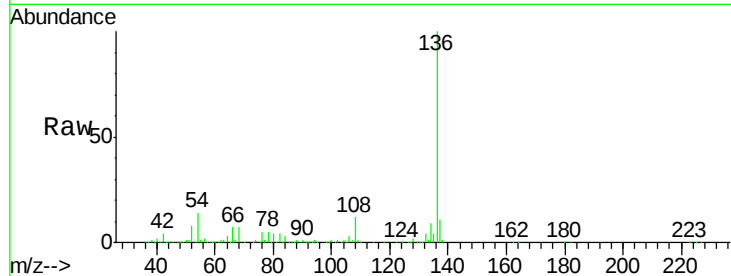
Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

PB90495BS



Tgt Ion:136 Resp: 650429

Ion Ratio Lower Upper

136 100

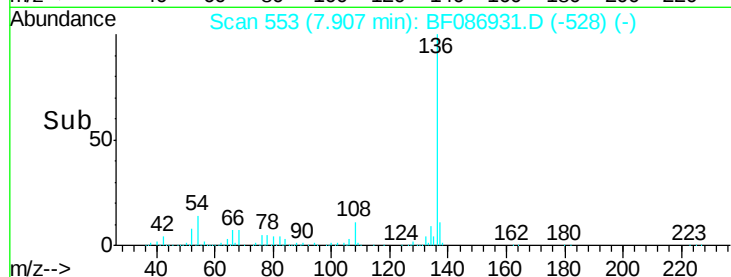
137 11.1 8.8 13.2

54 13.8 5.0 7.4#

68 7.2 4.4 6.6#

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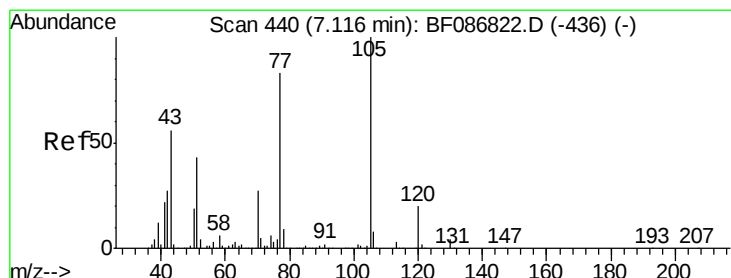
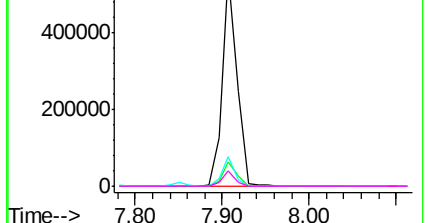


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.00 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Tgt Ion:105 Resp: 537775

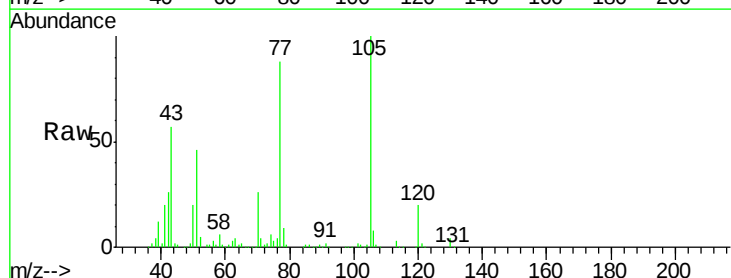
Ion Ratio Lower Upper

105 100

71 4.5 4.8 7.2#

51 45.9 32.6 49.0

120 19.9 16.5 24.7

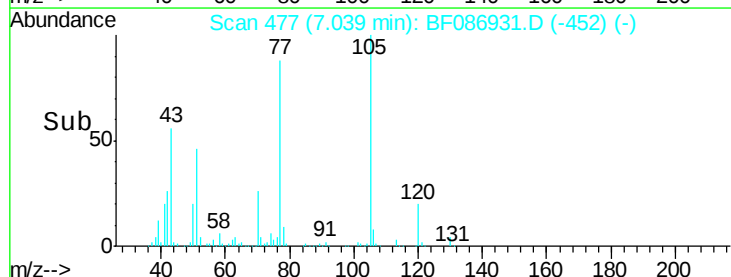
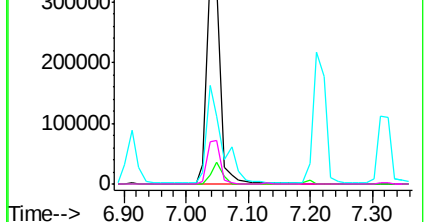


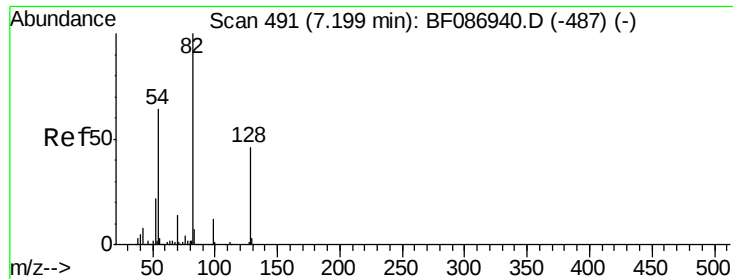
Abundance Ion 105.00 (104.70 to 105.70): E

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





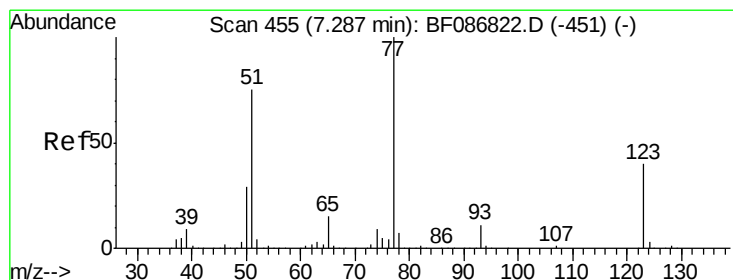
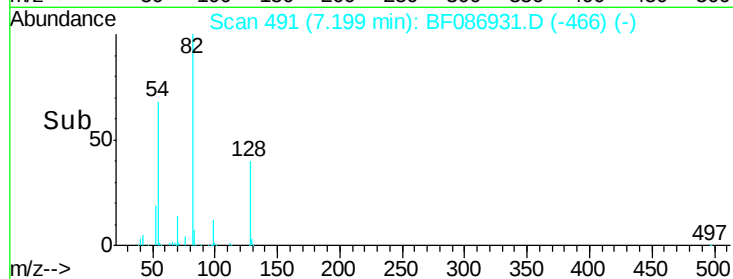
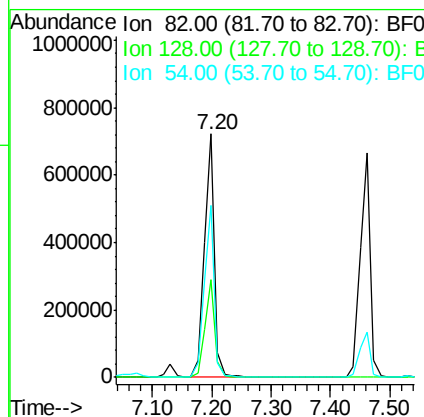
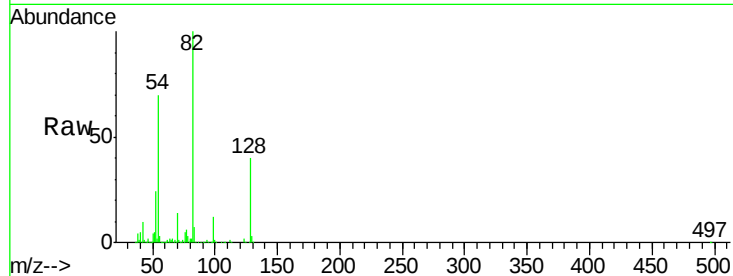
#23  
 Nitrobenzene-d5  
 Concen: 67.88 ng  
 RT: 7.20 min Scan# 491  
 Delta R.T. -0.01 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.2  | 40.6  | 61.0# |
| 54      | 70.4  | 38.1  | 57.1# |

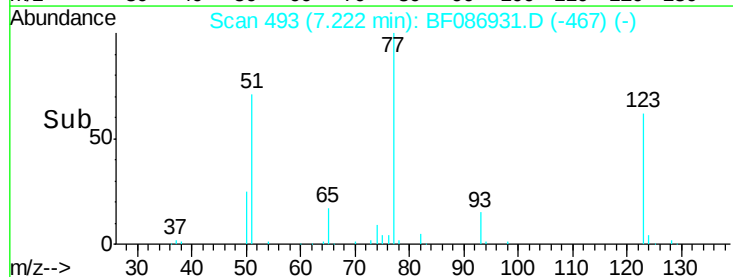
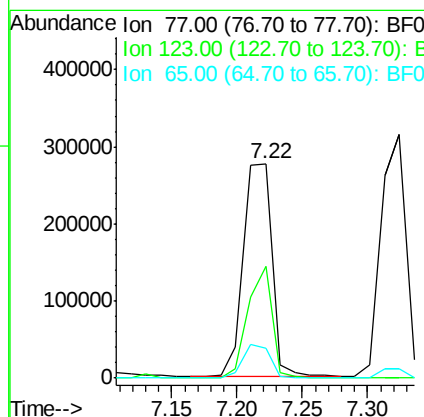
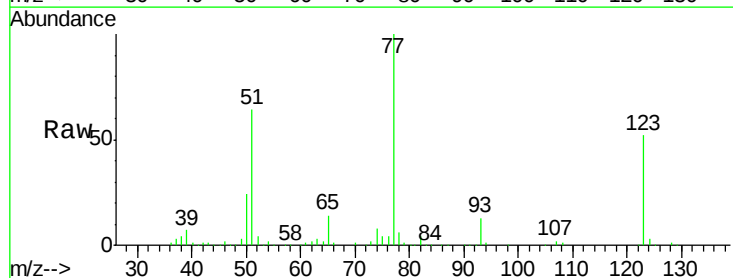
Manual Integrations  
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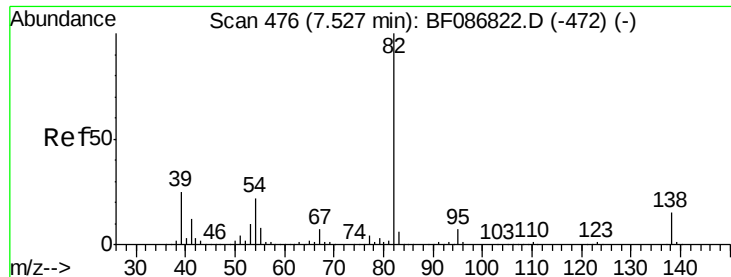
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#24  
 Nitrobenzene  
 Concen: 31.84 ng  
 RT: 7.22 min Scan# 493  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 52.1  | 33.0  | 49.4# |
| 65      | 13.9  | 10.8  | 16.2  |





#25

Isophorone

Concen: 32.58 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

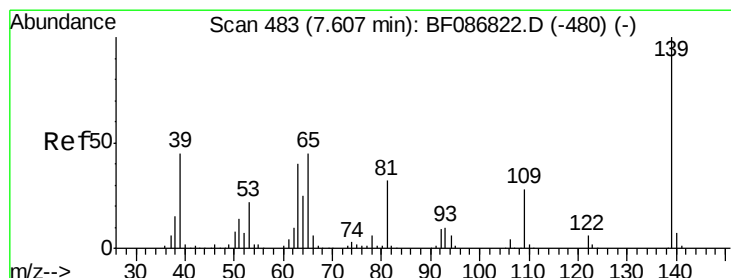
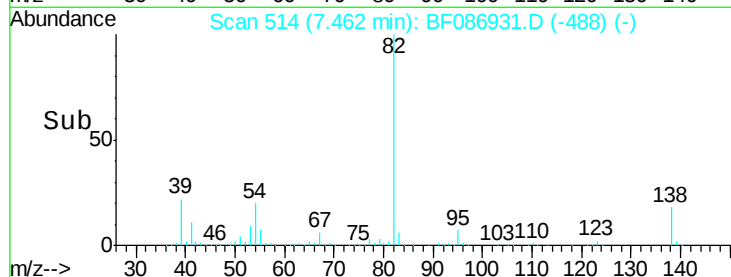
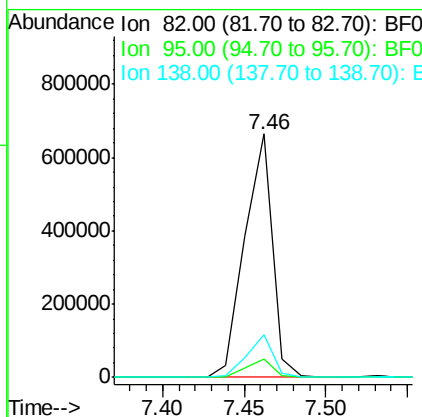
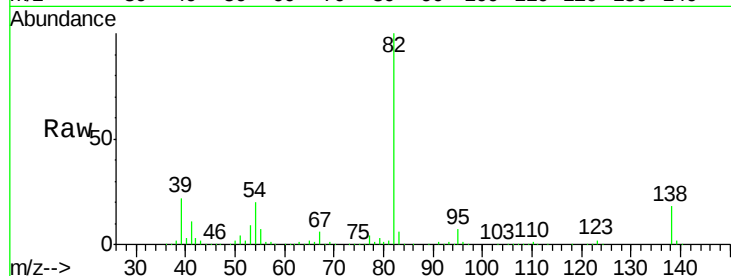
ClientSampleId :

PB90495BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 783045 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.4   | 5.1   | 7.7    |
| 138       | 17.5  | 12.4  | 18.6   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 31.28 ng

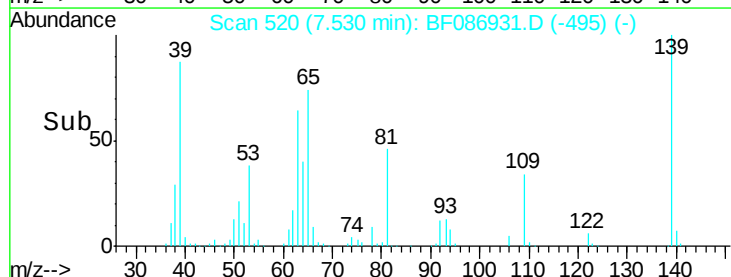
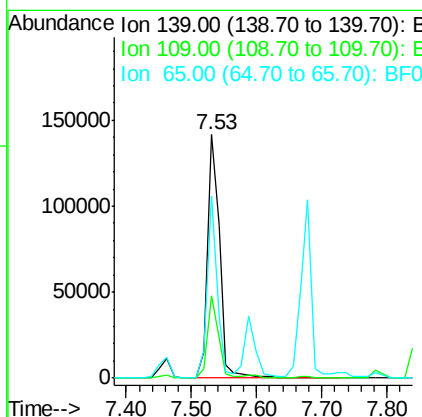
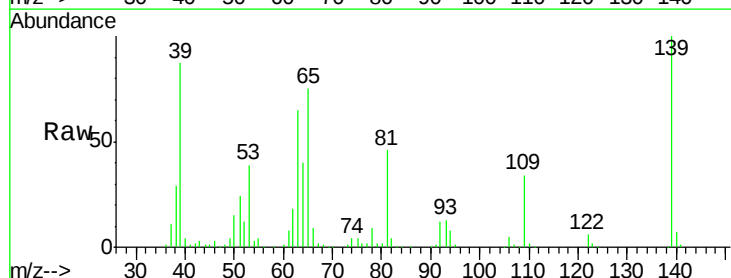
RT: 7.53 min Scan# 520

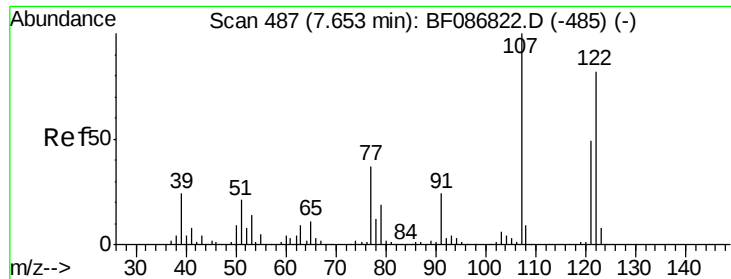
Delta R.T. -0.01 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 183219 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 33.8  | 19.5  | 29.3#  |
| 65        | 74.6  | 37.5  | 56.3#  |





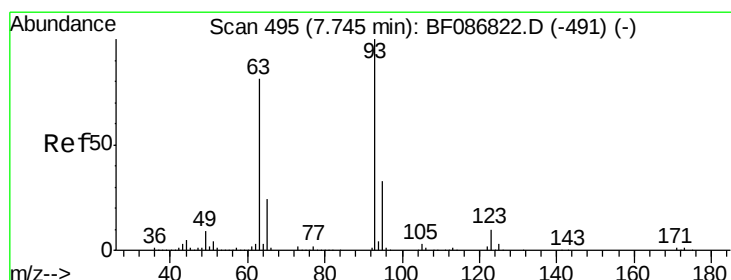
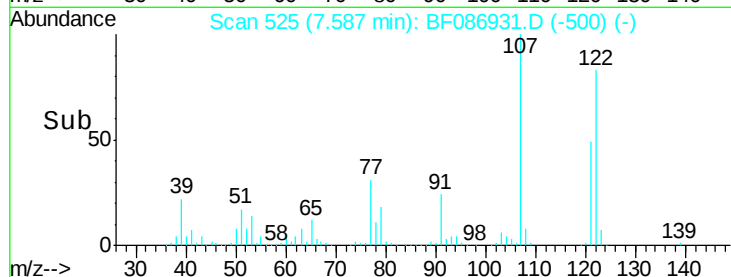
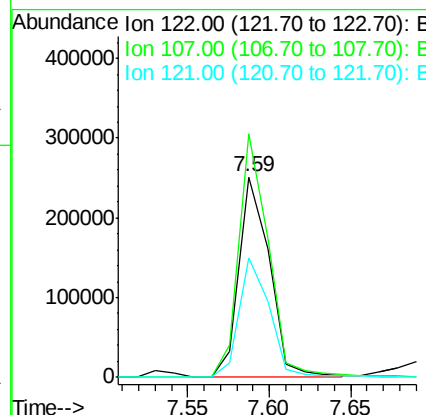
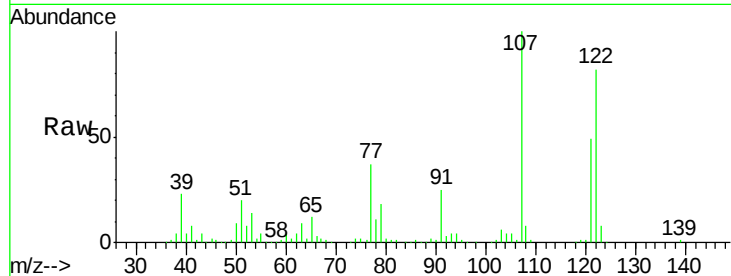
#27  
 2,4-Dimethylphenol  
 Concen: 32.39 ng  
 RT: 7.59 min Scan# 525  
 Delta R.T. -0.01 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 323175 |       |       |
| 107     | 121.5 | 82.0   | 123.0 |       |
| 121     | 59.9  | 46.1   | 69.1  |       |

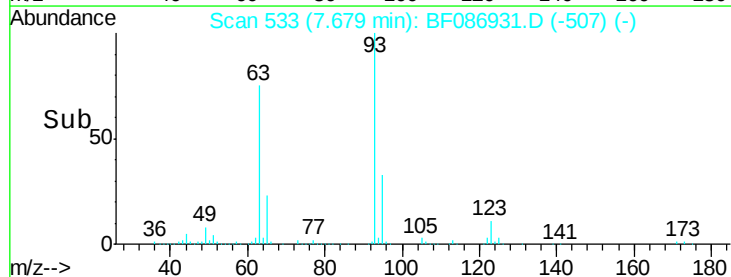
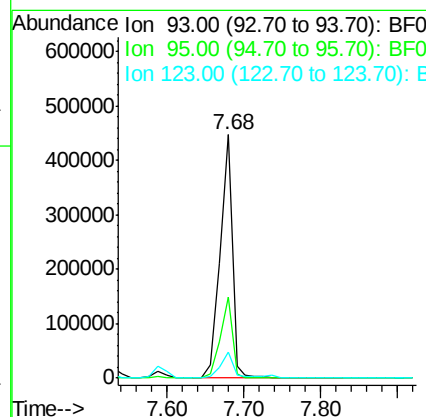
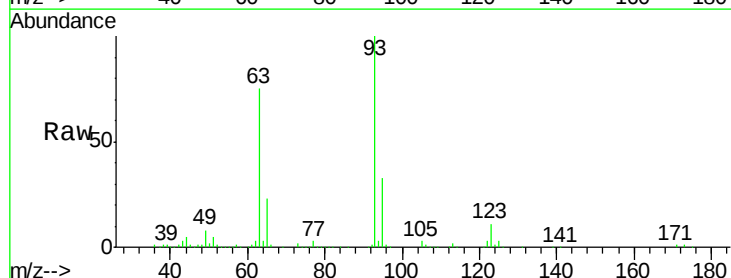
Manual Integrations  
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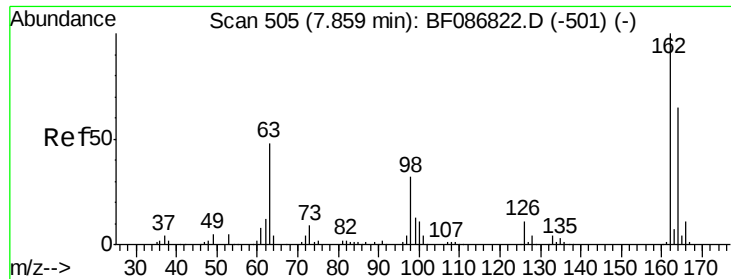
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.08 ng  
 RT: 7.68 min Scan# 533  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 493716 |       |       |
| 95      | 33.1  | 26.0   | 39.0  |       |
| 123     | 10.6  | 9.5    | 14.3  |       |





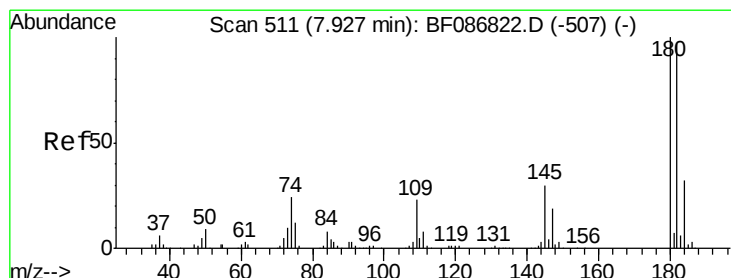
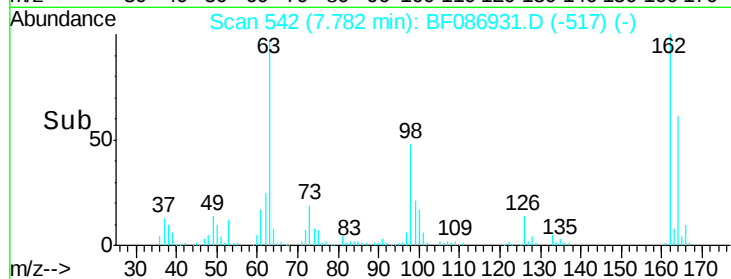
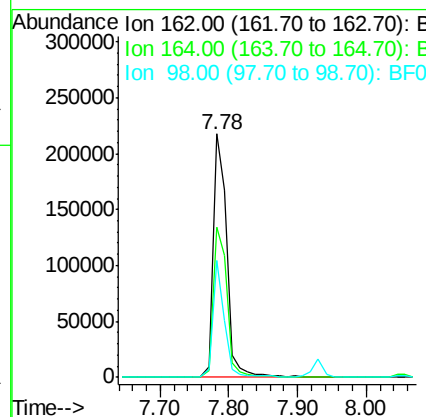
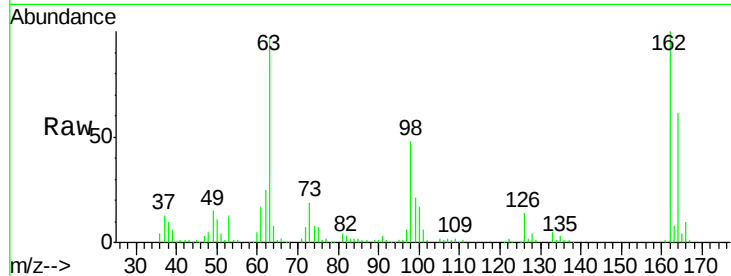
#29  
 2,4-Dichlorophenol  
 Concen: 34.58 ng  
 RT: 7.78 min Scan# 542  
 Delta R.T. -0.01 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 303668 |       |       |
| 164     | 61.5  | 42.2   | 82.2  |       |
| 98      | 48.2  | 19.0   | 59.0  |       |

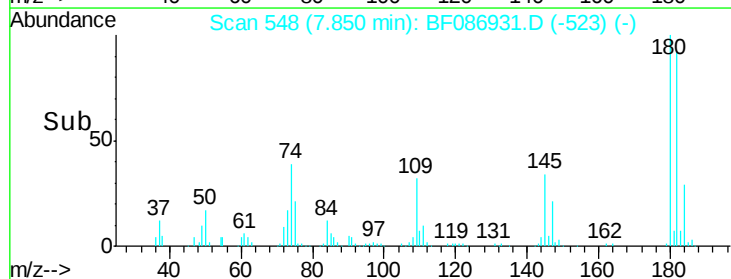
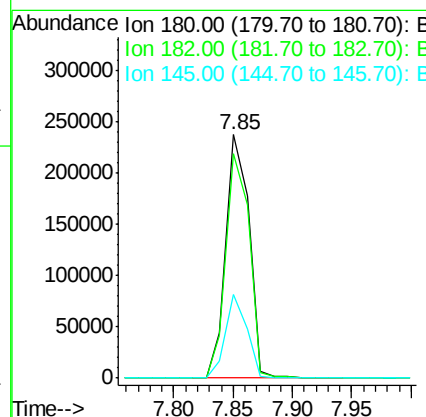
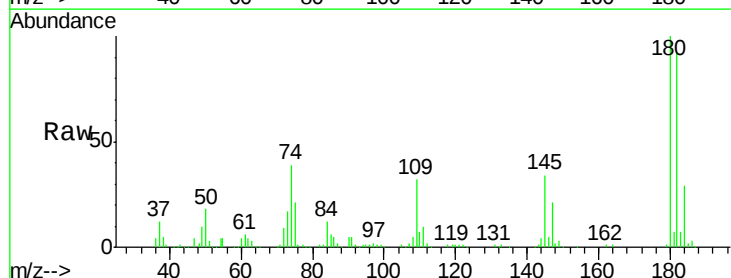
Manual Integrations  
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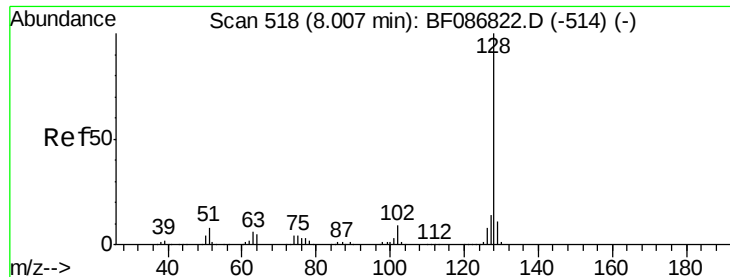
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 32.76 ng  
 RT: 7.85 min Scan# 548  
 Delta R.T. -0.01 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 321711 |       |       |
| 182     | 92.2  | 78.0   | 117.0 |       |
| 145     | 34.3  | 24.2   | 36.2  |       |





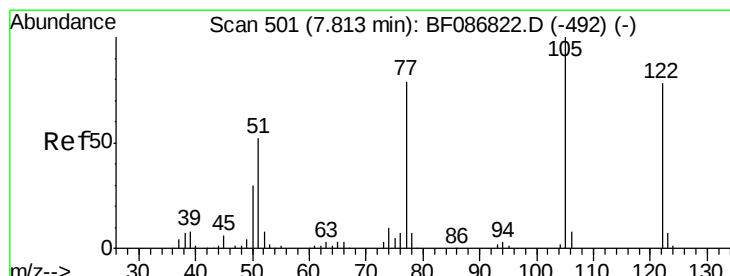
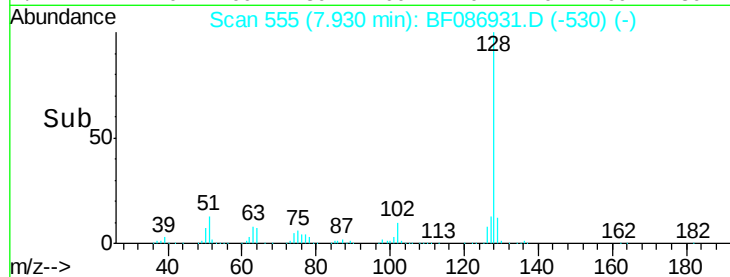
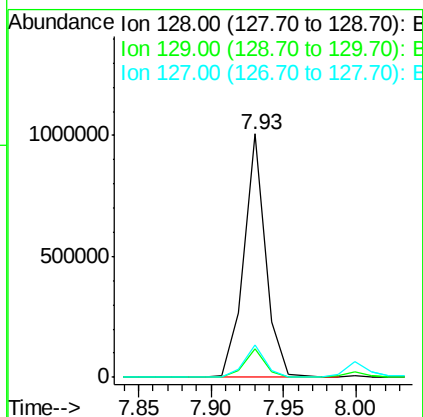
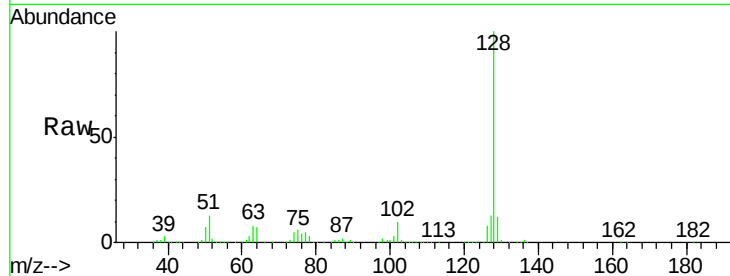
#31  
Naphthalene  
Concen: 32.42 ng  
RT: 7.93 min Scan# 555  
Delta R.T. -0.01 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.6  | 8.6   | 13.0  |
| 127     | 13.3  | 10.8  | 16.2  |

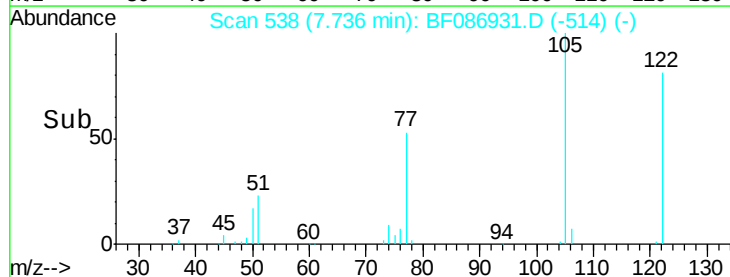
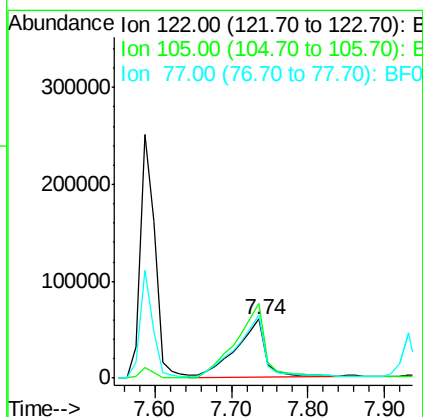
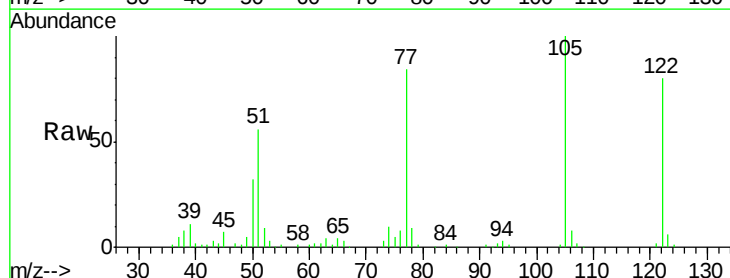
Manual Integrations  
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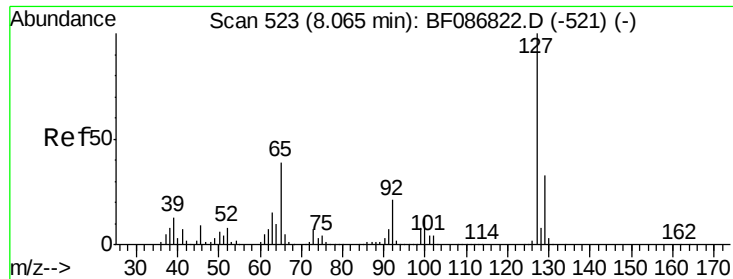
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#32  
Benzoic acid  
Concen: 26.87 ng  
RT: 7.74 min Scan# 538  
Delta R.T. -0.02 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 125.7 | 92.6  | 132.6  |
| 77      | 106.0 | 60.0  | 100.0# |





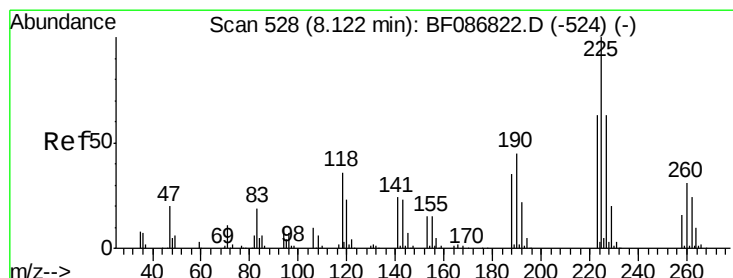
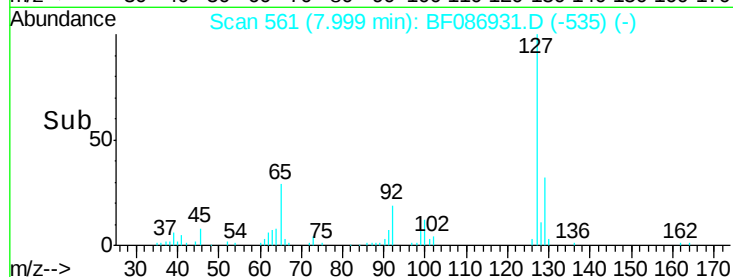
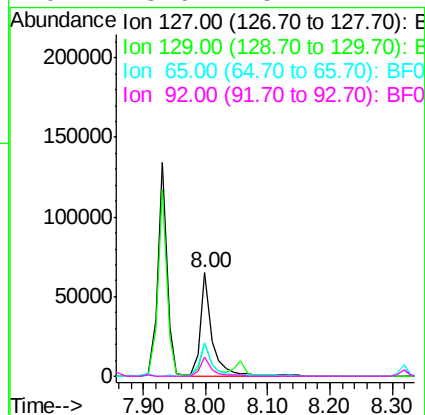
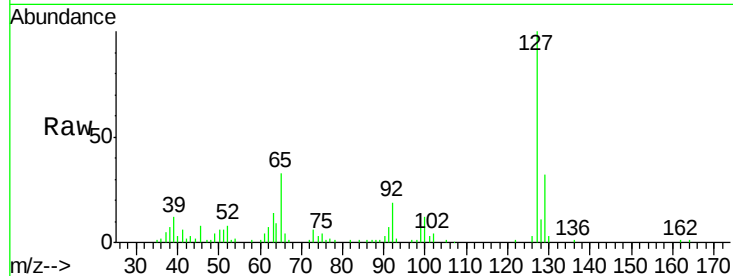
#33  
4-Chloroaniline  
Concen: 6.89 ng  
RT: 8.00 min Scan# 561  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 87173 |       |       |
| 129     | 31.9  | 26.2  | 39.4  |       |
| 65      | 32.8  | 23.0  | 34.4  |       |
| 92      | 18.6  | 15.1  | 22.7  |       |

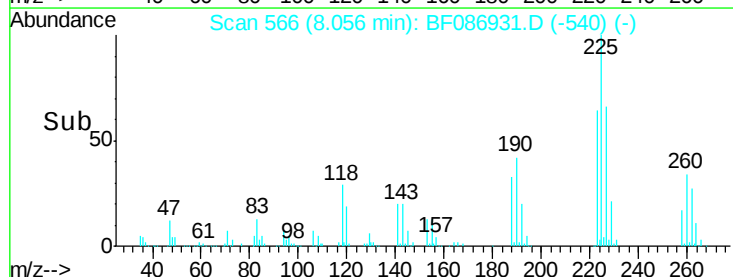
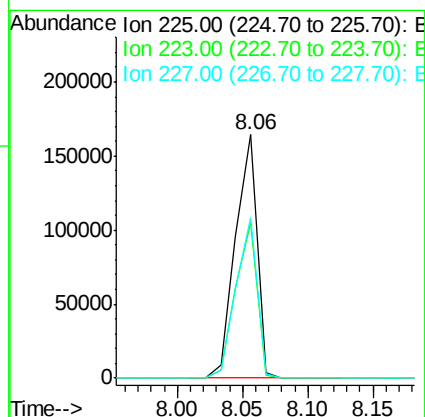
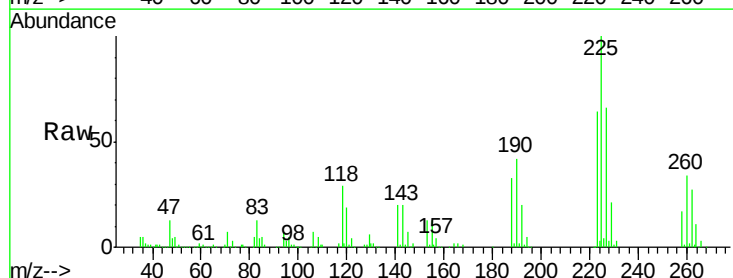
Manual Integrations  
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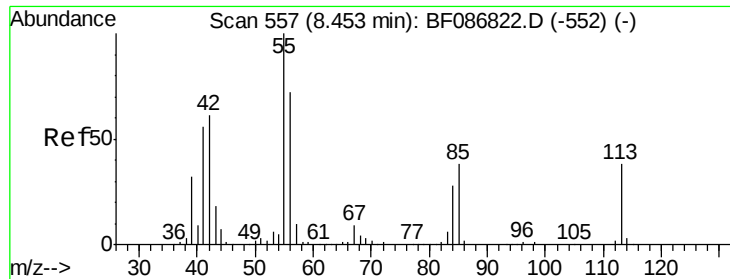
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#34  
Hexachlorobutadiene  
Concen: 32.95 ng  
RT: 8.06 min Scan# 566  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 187731 |       |       |
| 223     | 64.0  | 51.5   | 77.3  |       |
| 227     | 66.1  | 52.2   | 78.2  |       |





#35

Caprolactam

Concen: 33.45 ng m

RT: 8.36 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF086931.D

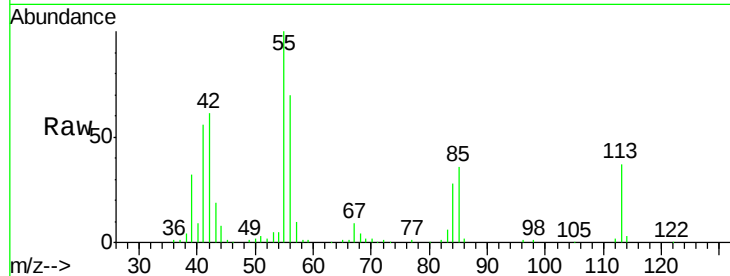
Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

PB90495BS



Tgt Ion:113 Resp: 99956

Ion Ratio Lower Upper

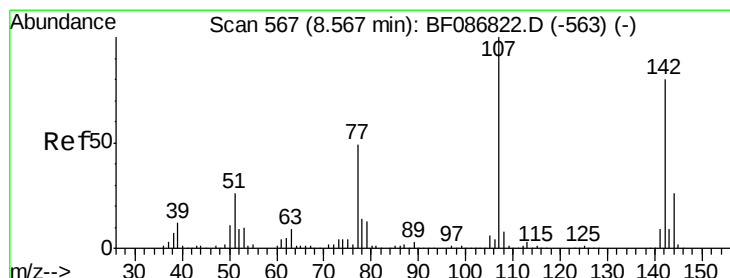
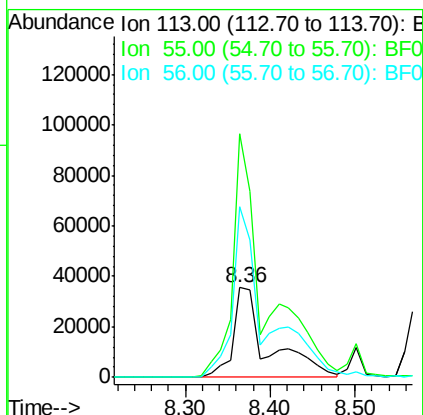
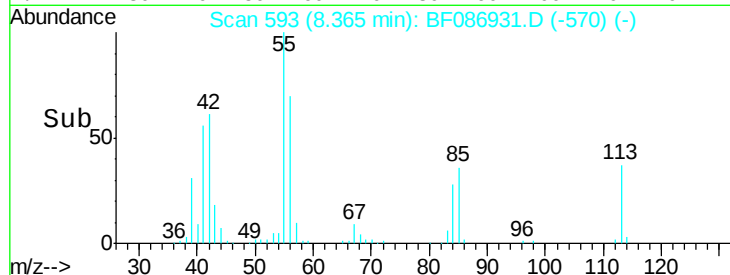
113 100

55 272.2 162.0 202.0#

56 190.8 115.3 155.3#

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#36

4-Chloro-3-methylphenol

Concen: 34.54 ng

RT: 8.50 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

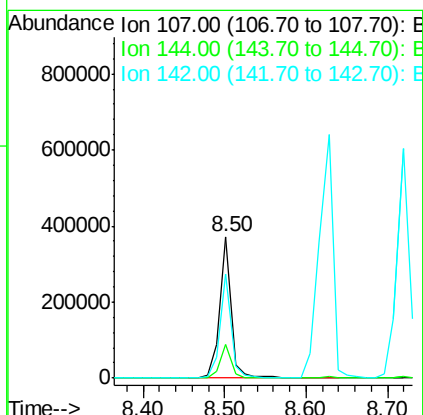
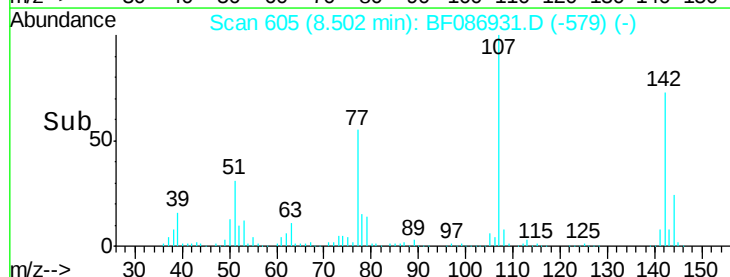
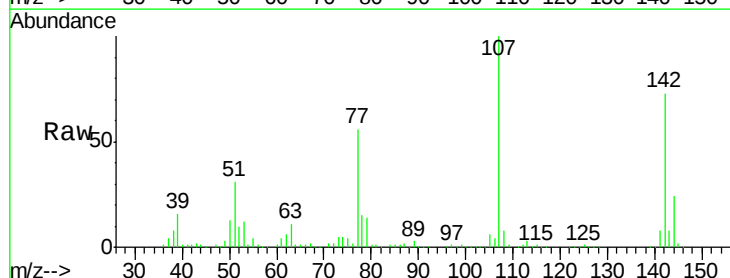
Tgt Ion:107 Resp: 367884

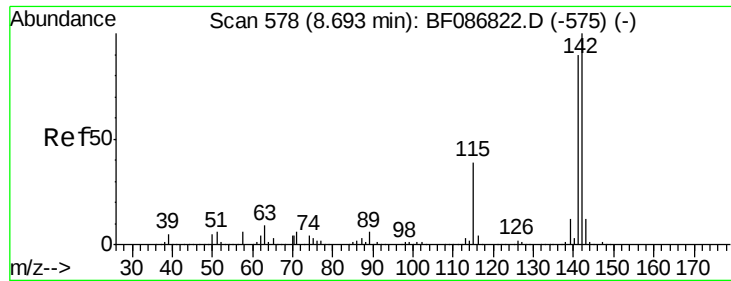
Ion Ratio Lower Upper

107 100

144 24.0 20.7 31.1

142 73.3 63.2 94.8





#37

2-Methylnaphthalene

Concen: 39.54 ng

RT: 8.63 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF086931.D

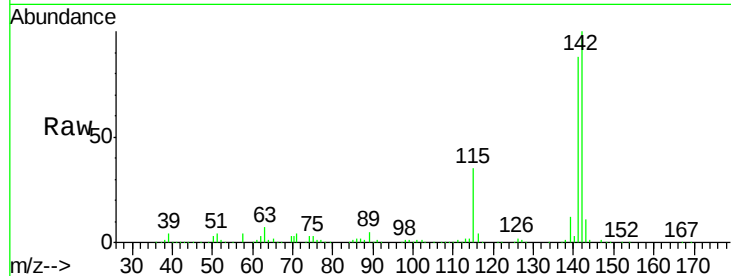
Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

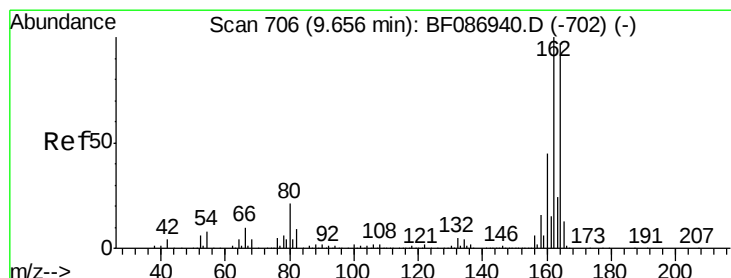
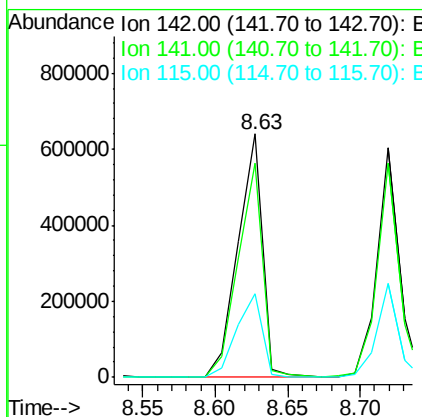
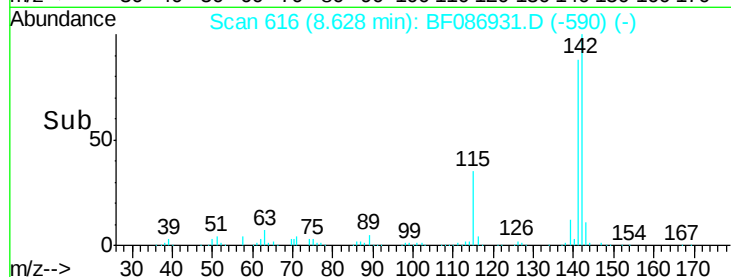
PB90495BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 753011 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.0  | 71.0  | 106.6  |
| 115       | 34.5  | 26.6  | 39.8   |

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#38

Acenaphthene-d10

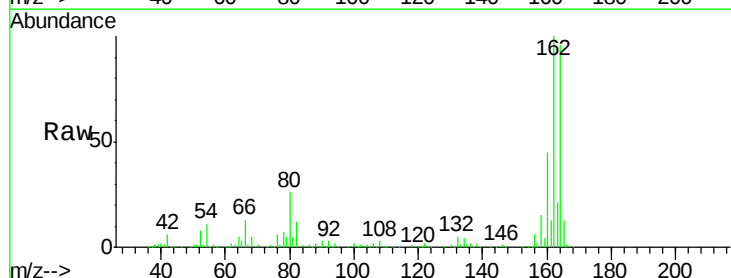
Concen: 20.00 ng

RT: 9.66 min Scan# 706

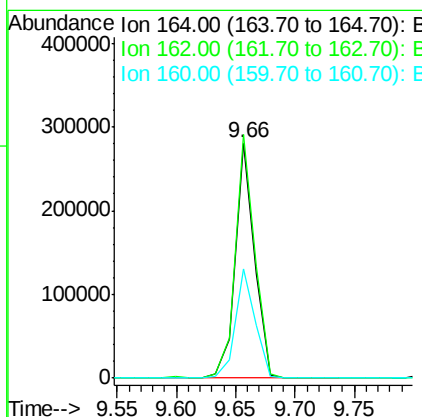
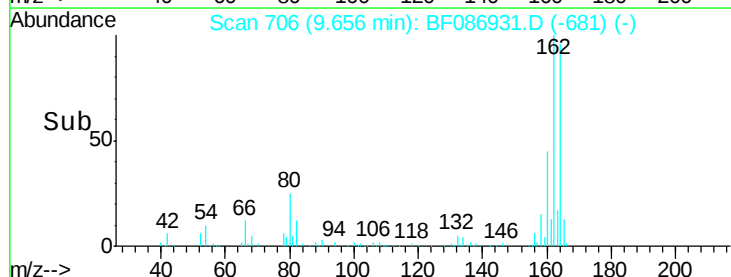
Delta R.T. -0.01 min

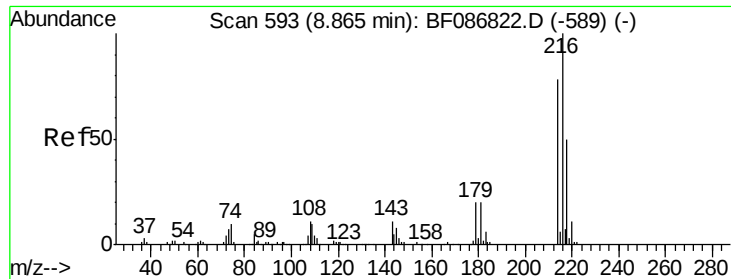
Lab File: BF086931.D

Acq: 12 May 2016 15:32



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 316096 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 103.7 | 82.8  | 124.2  |
| 160       | 46.6  | 36.9  | 55.3   |





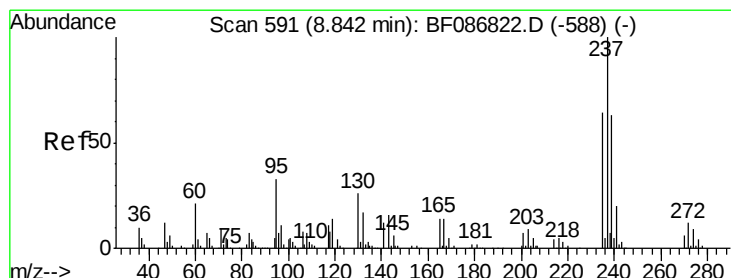
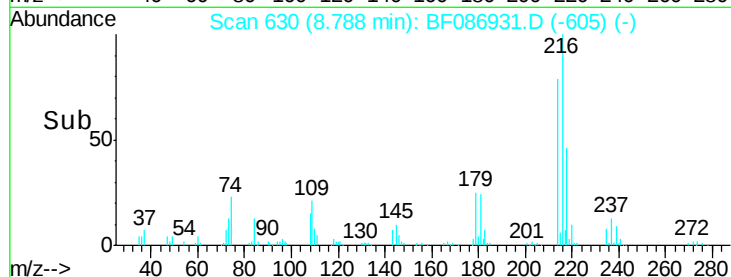
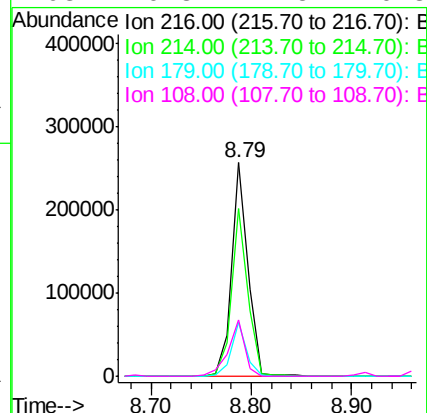
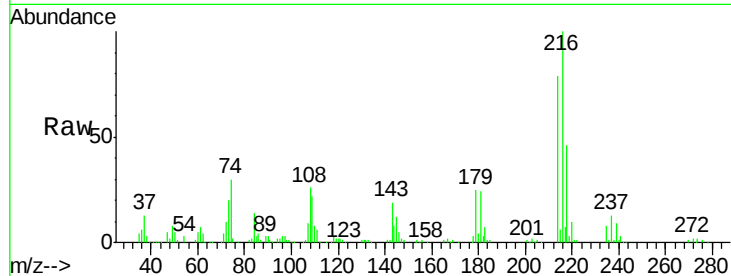
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 31.51 ng  
 RT: 8.79 min Scan# 630  
 Delta R.T. -0.01 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 77.9  | 62.6       | 93.8  |
| 179     | 23.0  | 18.2       | 27.4  |
| 108     | 26.3  | 17.5       | 26.3# |

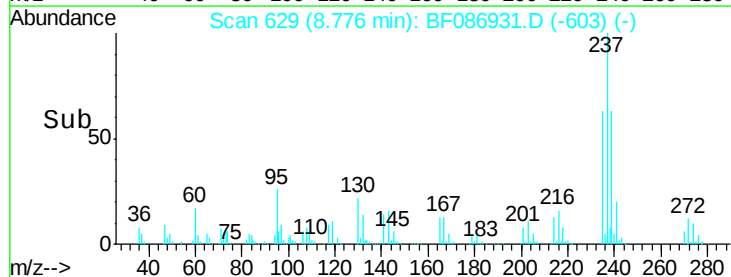
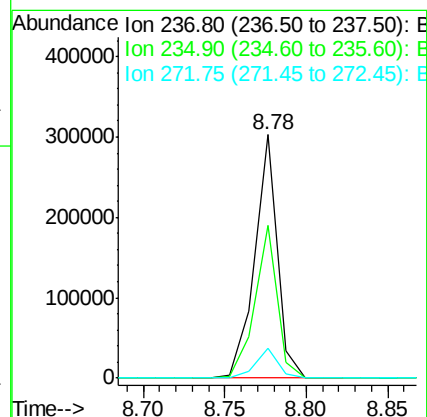
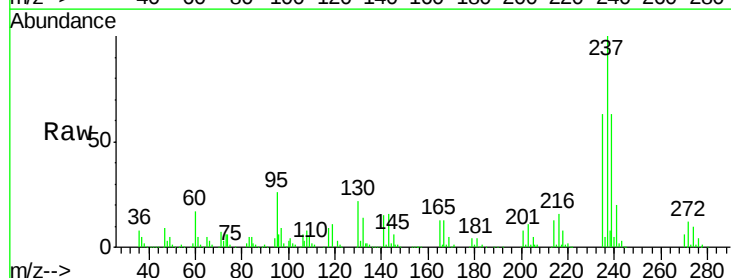
Manual Integrations  
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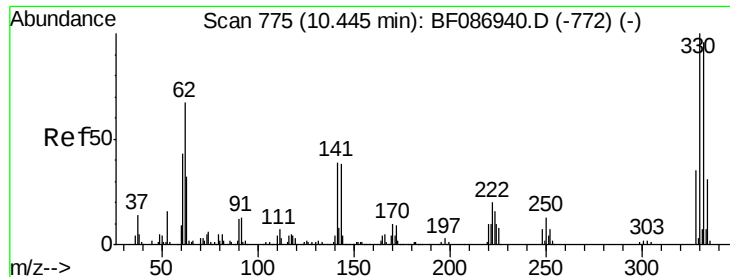
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#40  
 Hexachlorocyclopentadiene  
 Concen: 66.82 ng  
 RT: 8.78 min Scan# 629  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 62.6  | 47.2       | 87.2  |
| 272     | 12.5  | 0.0        | 31.1  |





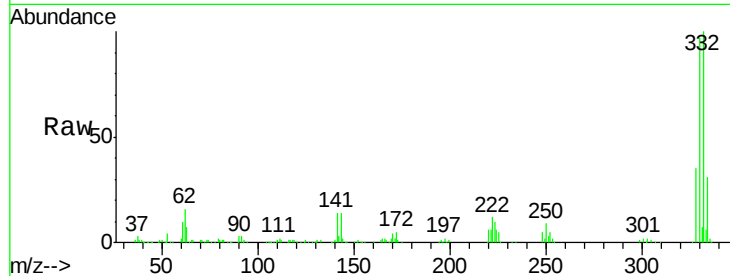
#41  
 2,4,6-Tribromophenol  
 Concen: 107.84 ng  
 RT: 10.46 min Scan# 776  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

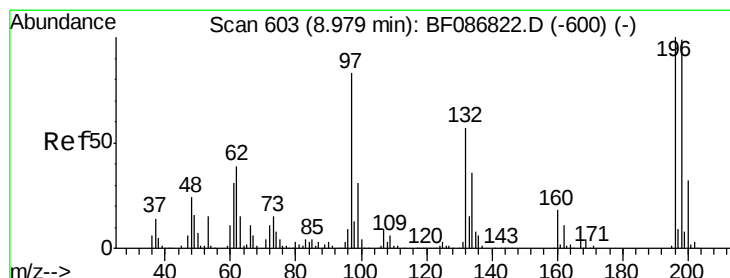
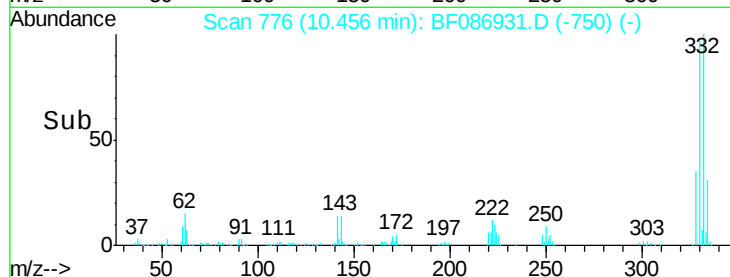
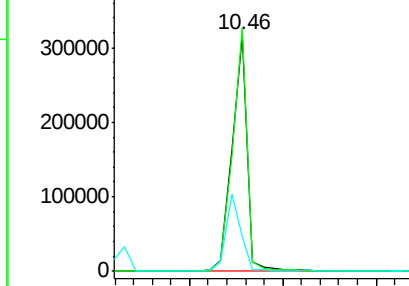
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 360880 |       |       |
| 332     | 100.6 | 79.0   | 118.4 |       |
| 141     | 32.6  | 31.2   | 46.8  |       |

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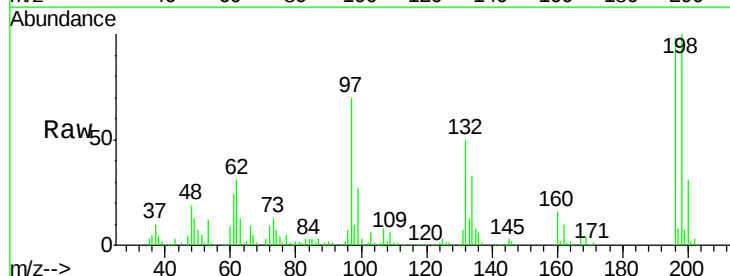


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

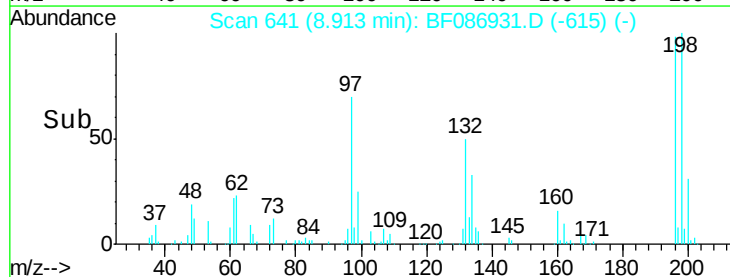
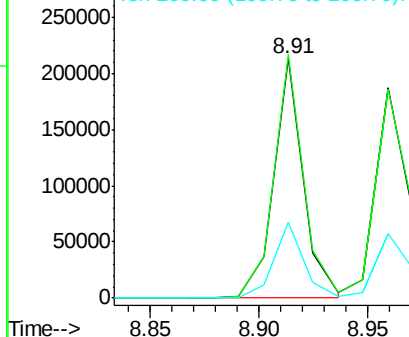


#42  
 2,4,6-Trichlorophenol  
 Concen: 33.18 ng  
 RT: 8.91 min Scan# 641  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 203913 |       |       |
| 198     | 101.8 | 74.7   | 112.1 |       |
| 200     | 31.7  | 23.8   | 35.6  |       |



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





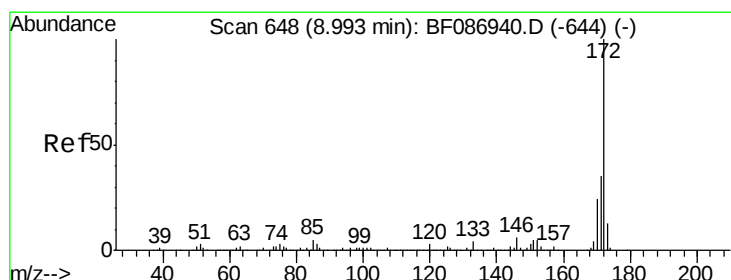
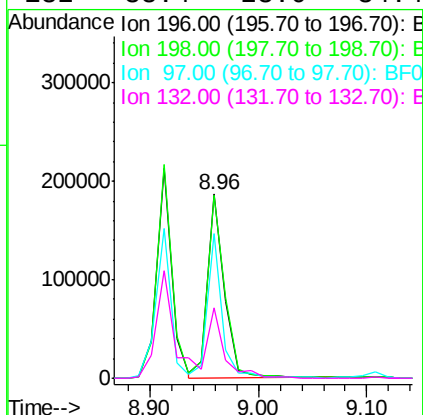
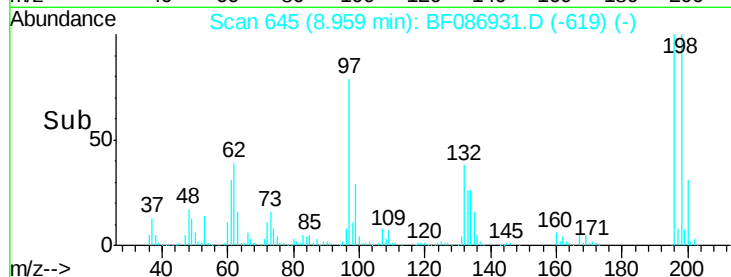
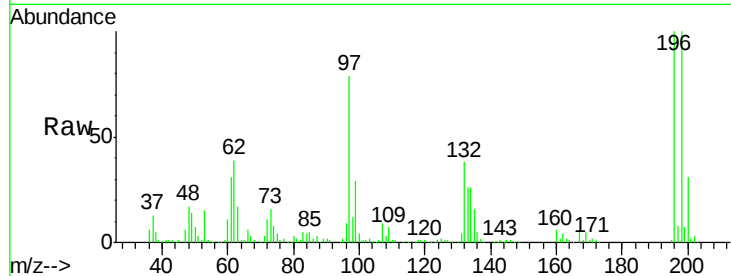
#43  
 2,4,5-Trichlorophenol  
 Concen: 32.08 ng  
 RT: 8.96 min Scan# 645  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 203884 |       |       |
| 198     | 99.7  | 77.5   | 116.3 |       |
| 97      | 78.8  | 34.8   | 52.2  | #     |
| 132     | 38.4  | 23.0   | 34.4  | #     |

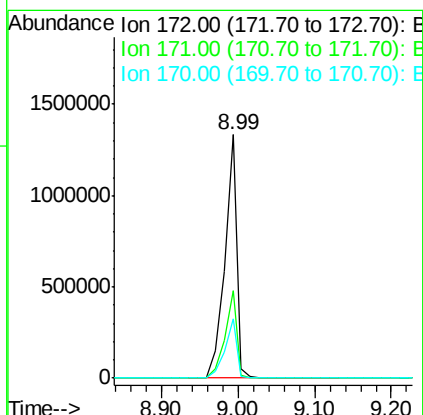
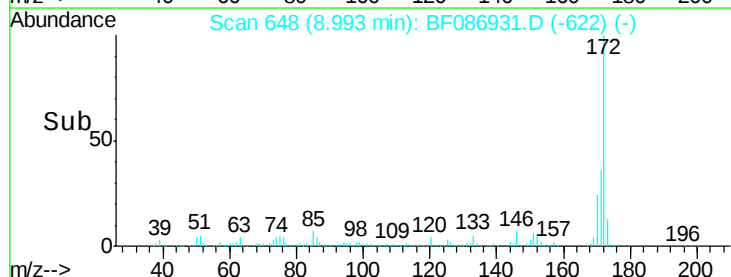
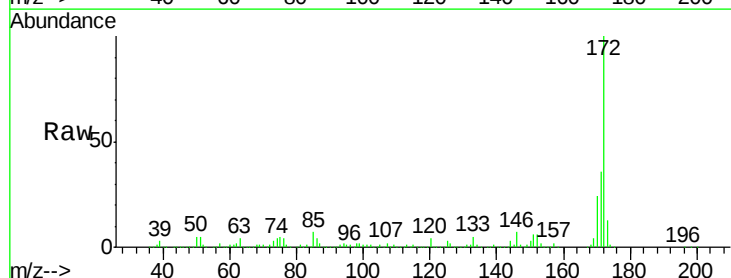
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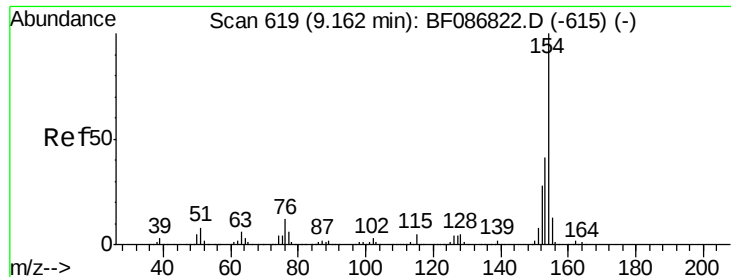
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#44  
 2-Fluorobiphenyl  
 Concen: 78.05 ng  
 RT: 8.99 min Scan# 648  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1467948 |       |       |
| 171     | 35.8  | 29.0    | 43.6  |       |
| 170     | 24.2  | 19.8    | 29.8  |       |





#45

1,1'-Biphenyl

Concen: 32.91 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

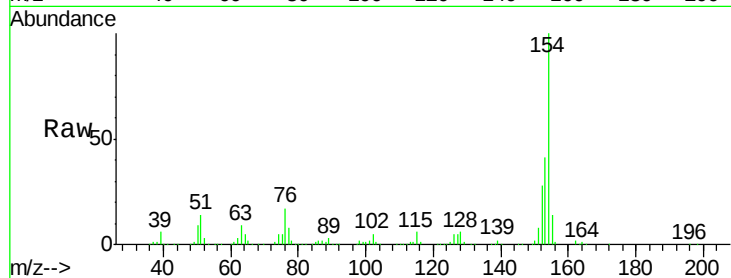
ClientSampleId :

PB90495BS

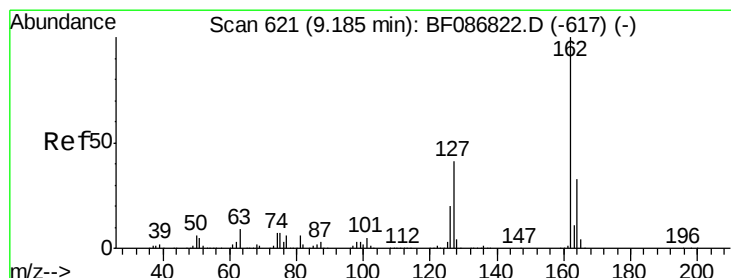
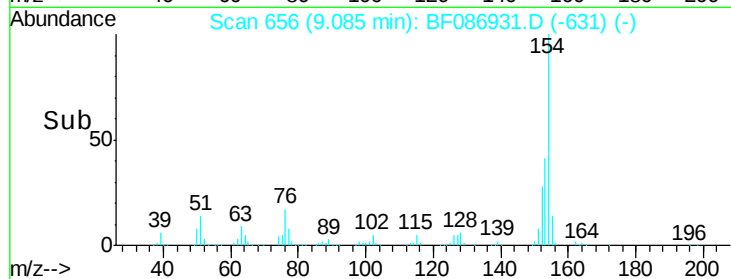
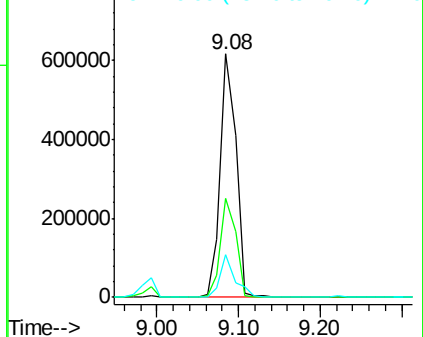
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 154  | Resp: | 827364 |
| Ion Ratio |      | Lower | Upper  |
| 154       | 100  |       |        |
| 153       | 40.8 | 20.3  | 60.3   |
| 76        | 17.3 | 0.0   | 30.2   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 31.76 ng

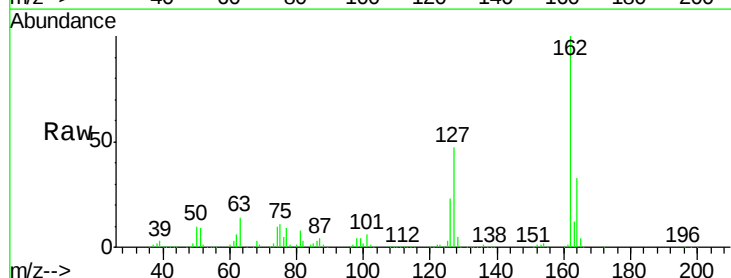
RT: 9.11 min Scan# 658

Delta R.T. -0.01 min

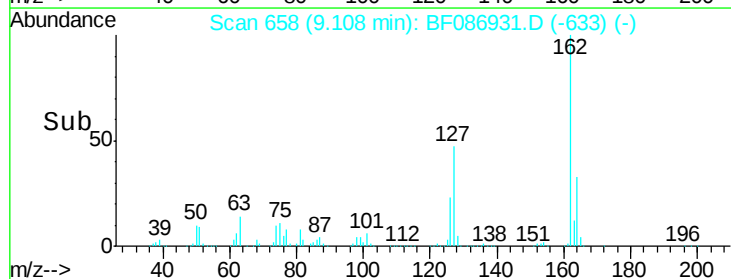
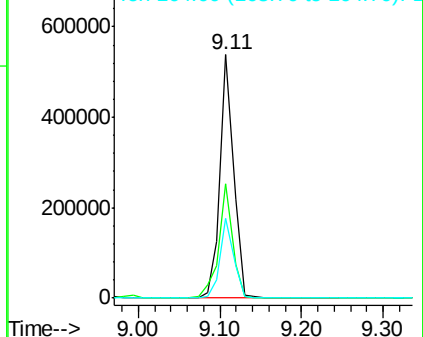
Lab File: BF086931.D

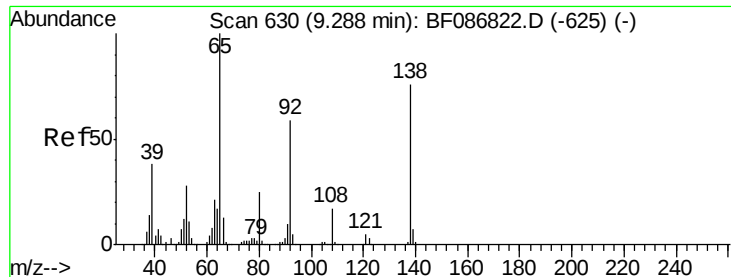
Acq: 12 May 2016 15:32

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 162  | Resp: | 625617 |
| Ion Ratio |      | Lower | Upper  |
| 162       | 100  |       |        |
| 127       | 46.7 | 31.8  | 47.6   |
| 164       | 32.7 | 27.0  | 40.6   |



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





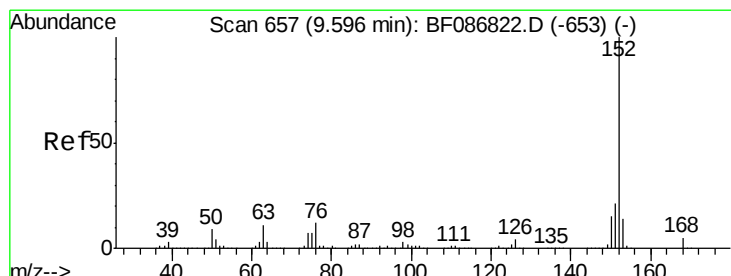
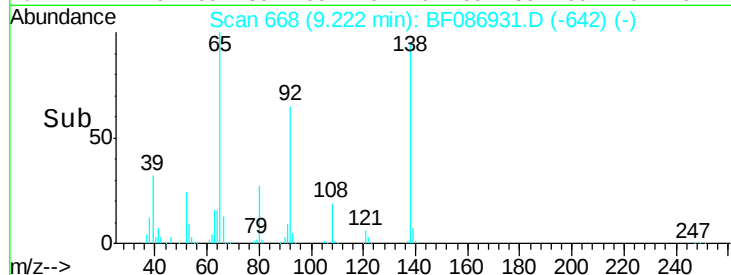
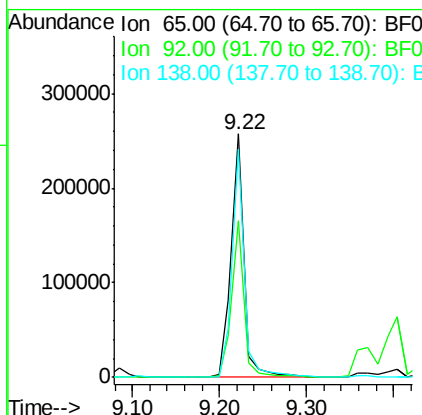
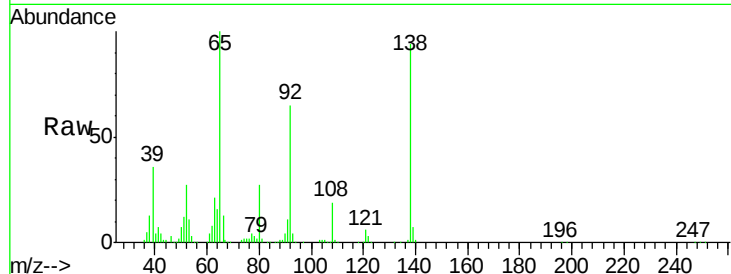
#47  
 2-Nitroaniline  
 Concen: 37.13 ng  
 RT: 9.22 min Scan# 668  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 267291 |       |       |
| 92      | 64.6  | 57.4   | 86.2  |       |
| 138     | 93.8  | 90.1   | 135.1 |       |

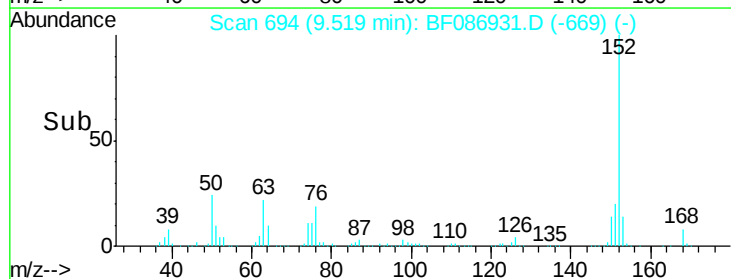
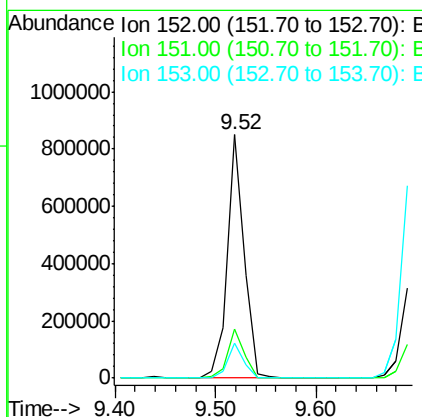
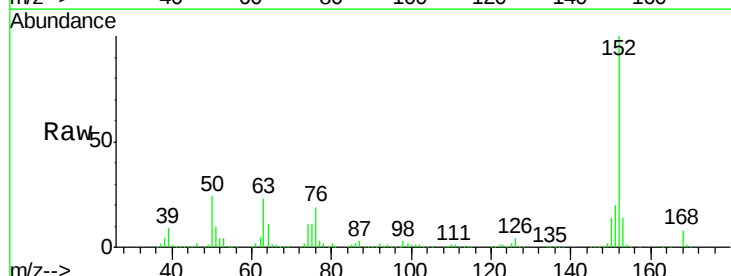
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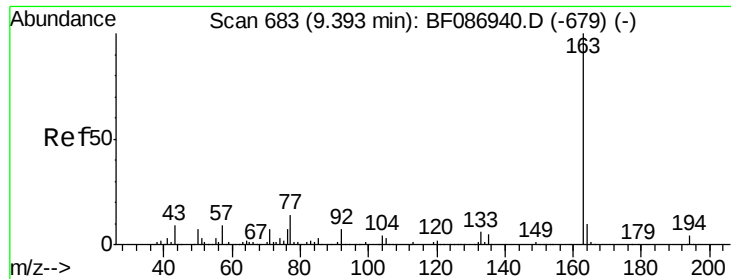
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#48  
 Acenaphthylene  
 Concen: 33.88 ng  
 RT: 9.52 min Scan# 694  
 Delta R.T. -0.01 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 981614 |       |       |
| 151     | 20.4  | 16.8   | 25.2  |       |
| 153     | 14.2  | 10.9   | 16.3  |       |





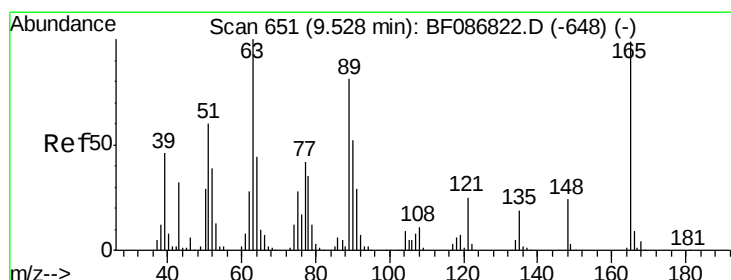
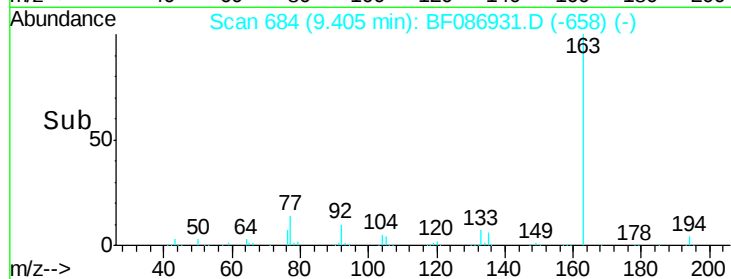
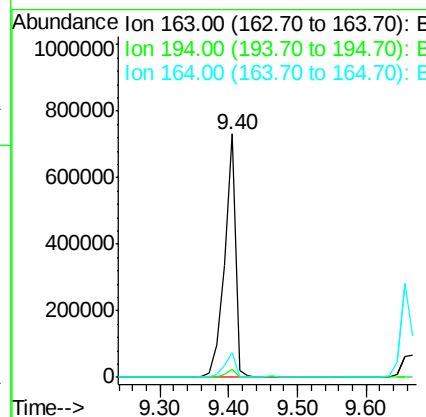
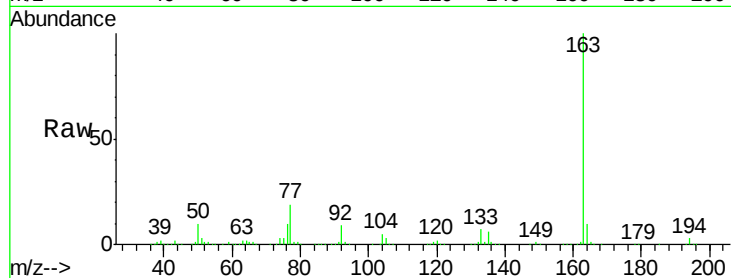
#49  
Dimethylphthalate  
Concen: 34.56 ng  
RT: 9.40 min Scan# 684  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 833520 |       |       |
| 194     | 3.3   | 2.6    | 4.0   |       |
| 164     | 10.0  | 8.2    | 12.4  |       |

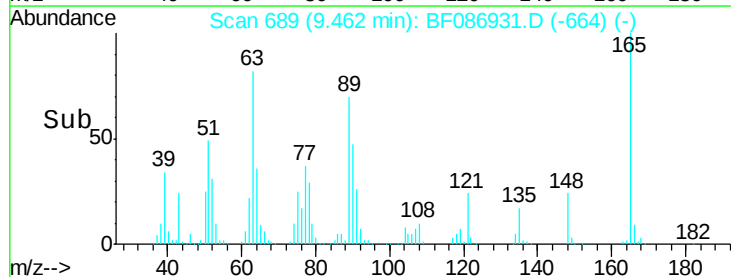
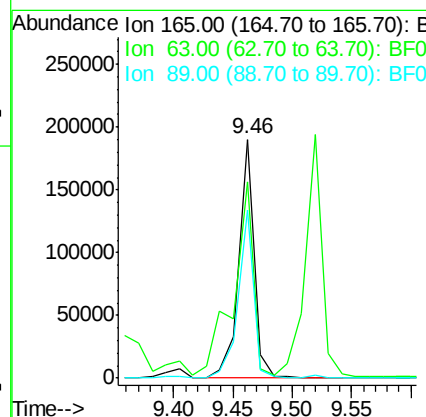
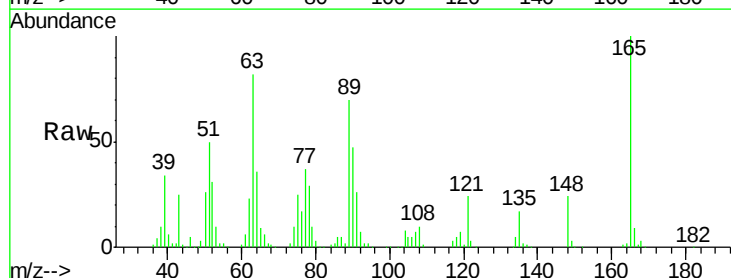
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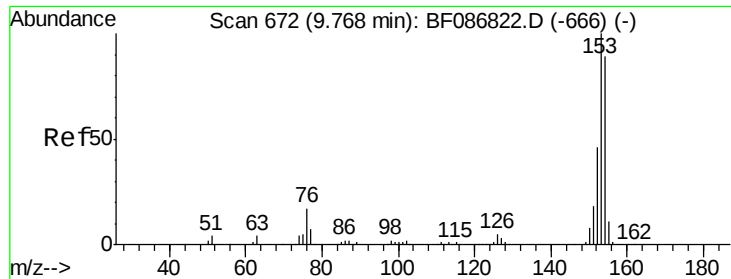
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#50  
2,6-Dinitrotoluene  
Concen: 34.16 ng  
RT: 9.46 min Scan# 689  
Delta R.T. -0.01 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 173358 |       |       |
| 63      | 82.4  | 51.8   | 77.8# |       |
| 89      | 70.5  | 50.7   | 76.1  |       |





#51

Acenaphthene

Concen: 33.13 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF086931.D

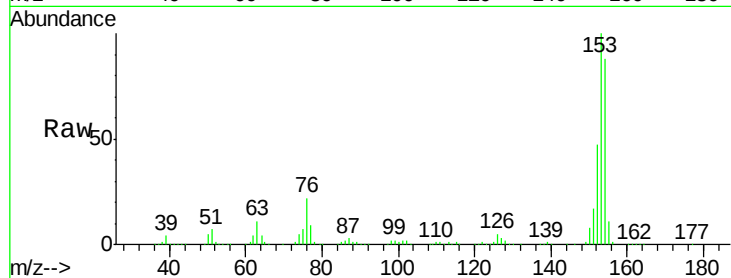
Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

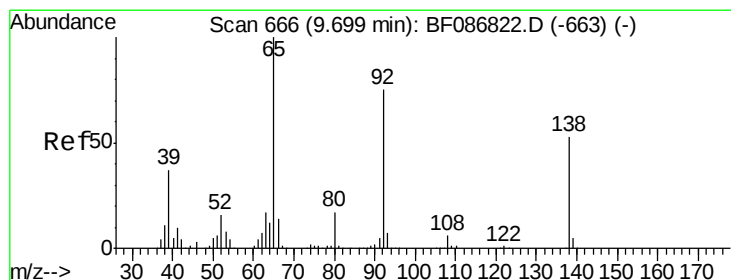
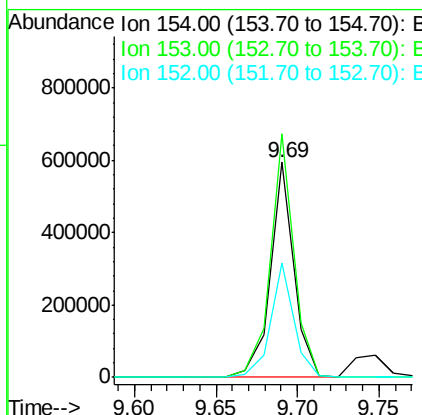
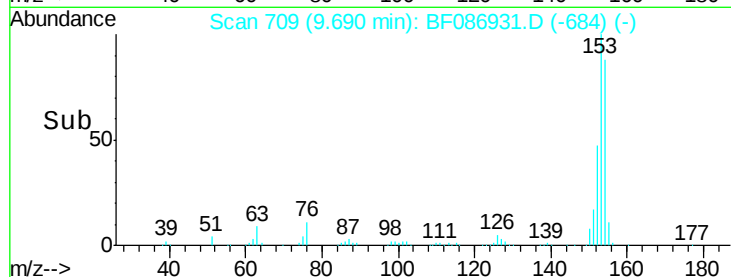
PB90495BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 597190 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.2 | 89.8  | 134.6  |
| 152       | 52.9  | 43.4  | 65.0   |

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#52

3-Nitroaniline

Concen: 10.79 ng

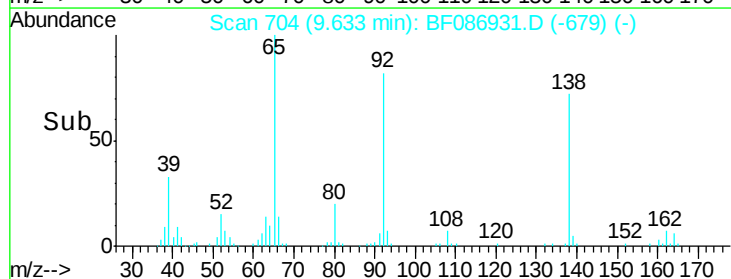
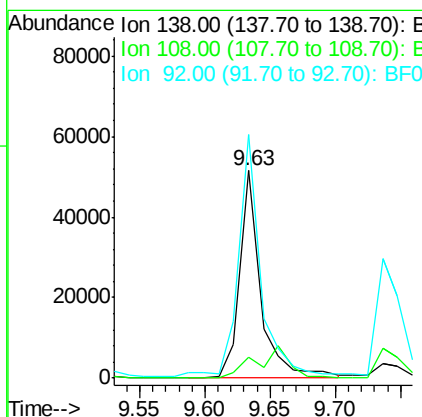
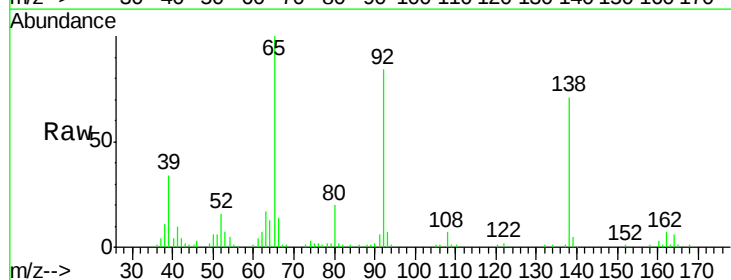
RT: 9.63 min Scan# 704

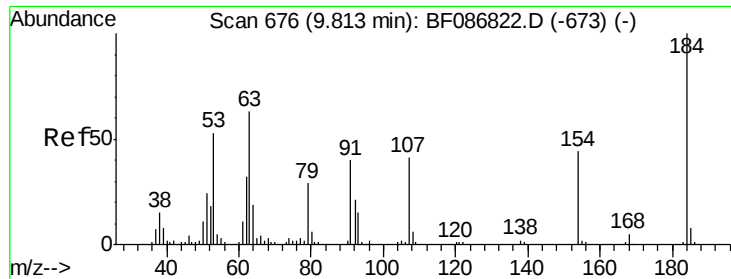
Delta R.T. -0.01 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

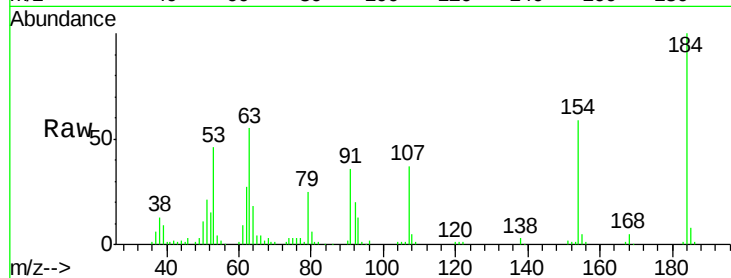
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 57675 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.1  | 7.8   | 11.6  |
| 92        | 117.4 | 87.8  | 131.8 |





#53  
 2,4-Dinitrophenol  
 Concen: 60.60 ng  
 RT: 9.75 min Scan# 714  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

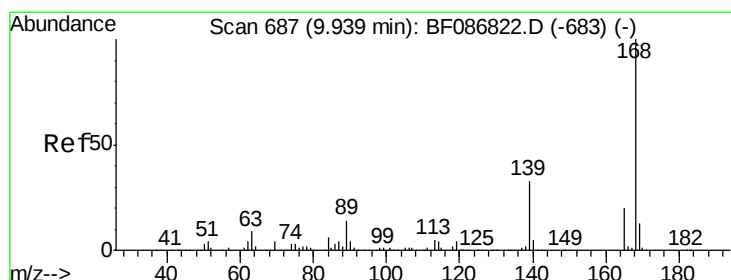
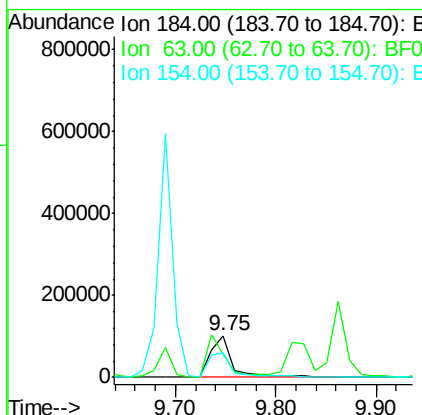
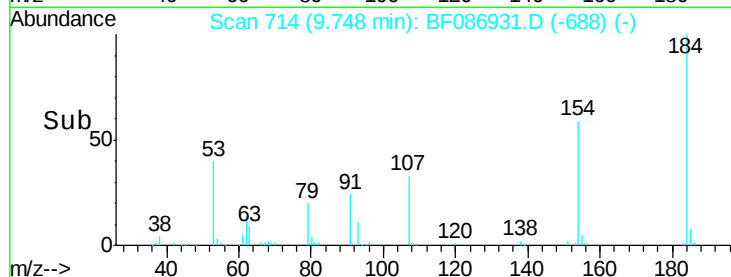
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 151808 |       |       |
| 63      | 55.4  | 55.8   | 83.8# |       |
| 154     | 59.0  | 62.4   | 93.6# |       |

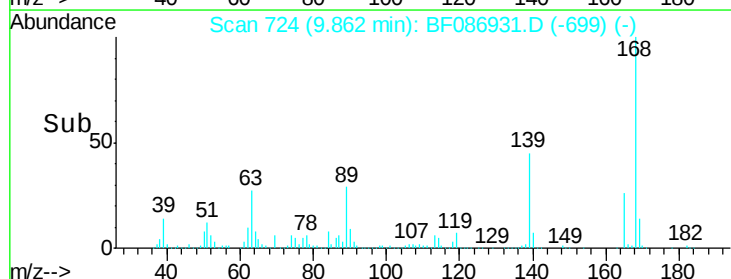
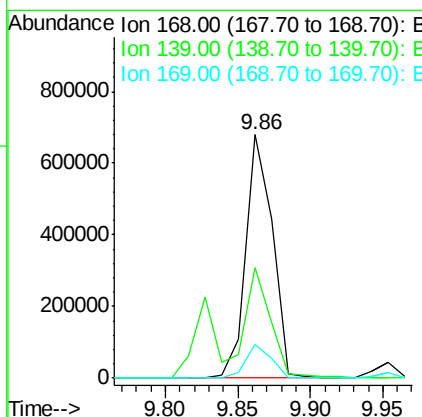
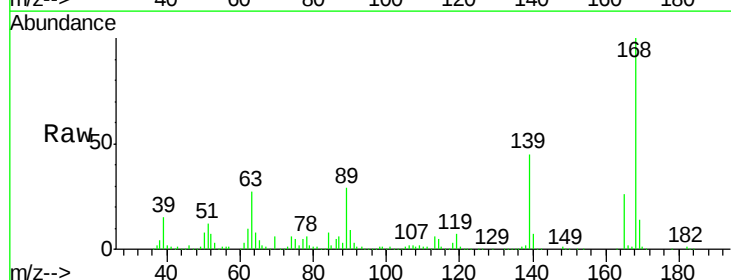
Manual Integrations  
 APPROVED

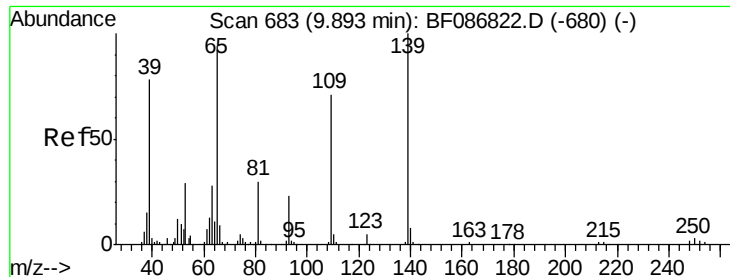
sohil  
 5/13/2016 8:03:38 PM



#54  
 Dibenzofuran  
 Concen: 37.41 ng  
 RT: 9.86 min Scan# 724  
 Delta R.T. -0.01 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 865532 |       |       |
| 139     | 45.4  | 31.4   | 47.0  |       |
| 169     | 14.1  | 10.7   | 16.1  |       |





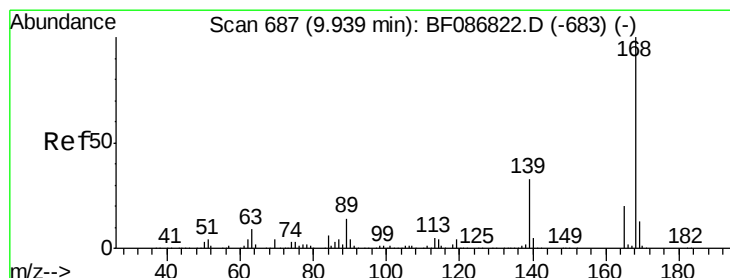
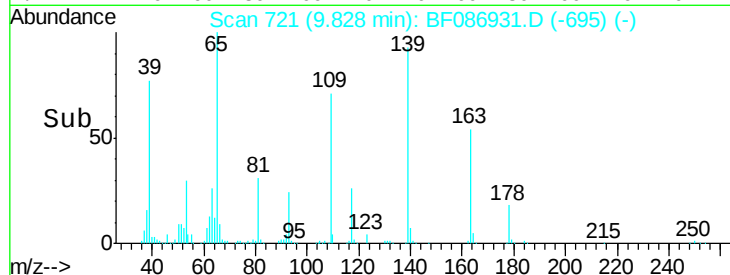
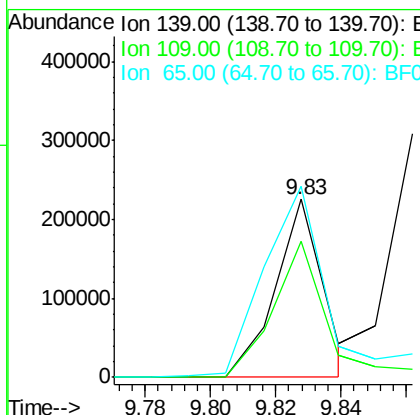
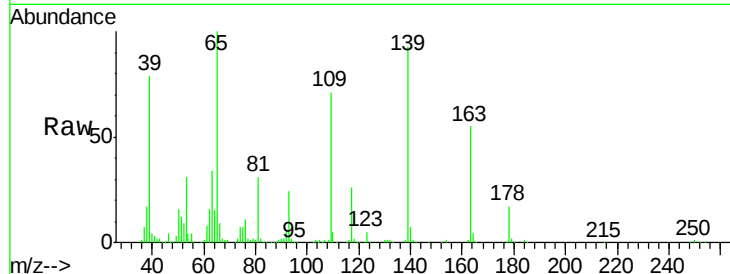
#55  
4-Nitrophenol  
Concen: 64.70 ng  
RT: 9.83 min Scan# 721  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 227197 |       |       |
| 109     | 76.7  | 36.9   | 76.9  |       |
| 65      | 107.8 | 64.0   | 104.0 |       |

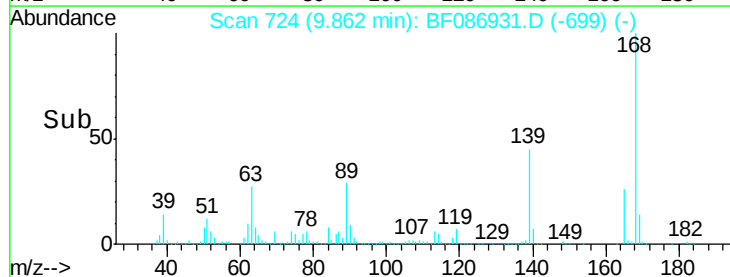
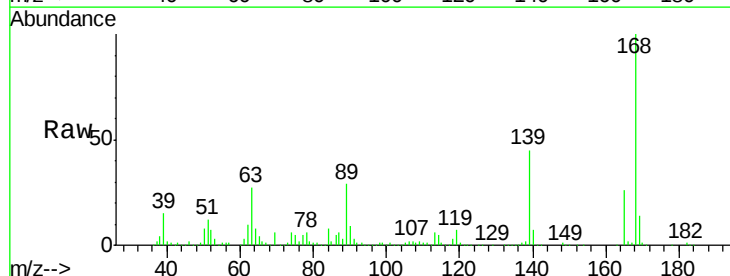
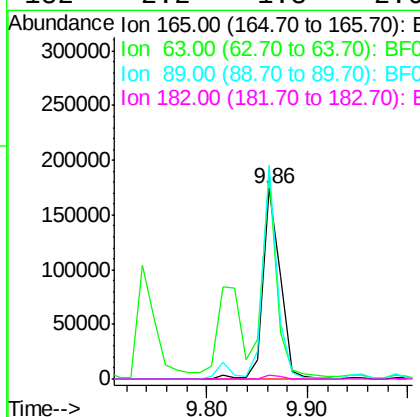
Manual Integrations  
APPROVED

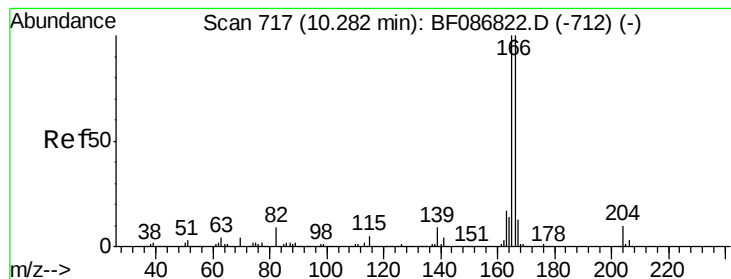
sohil  
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#56  
2,4-Dinitrotoluene  
Concen: 33.16 ng  
RT: 9.86 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 208242 |       |       |
| 63      | 107.4 | 44.3   | 66.5  |       |
| 89      | 112.2 | 70.0   | 105.0 |       |
| 182     | 2.2   | 1.8    | 2.6   |       |





#57

Fluorene

Concen: 32.91 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

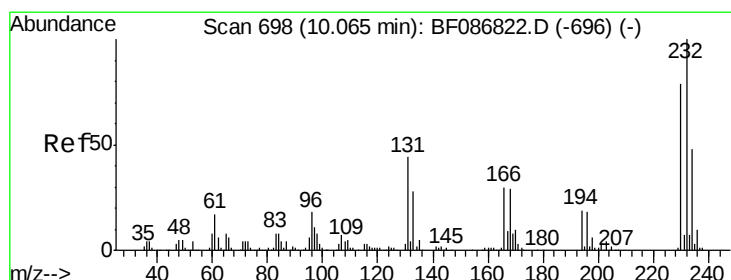
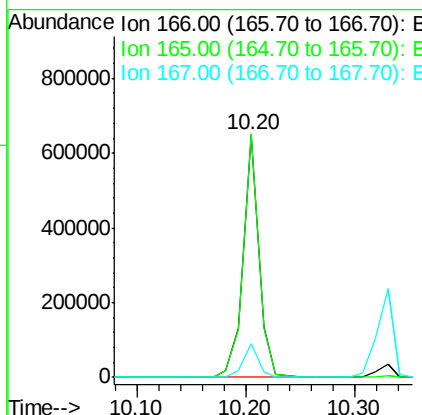
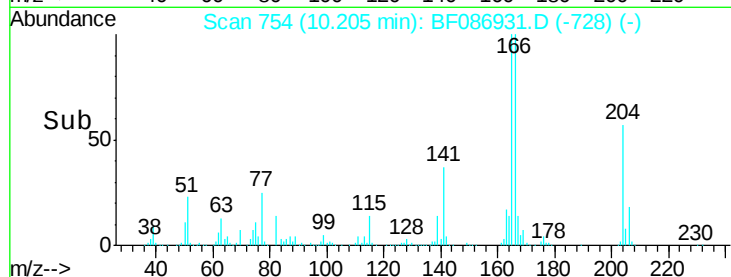
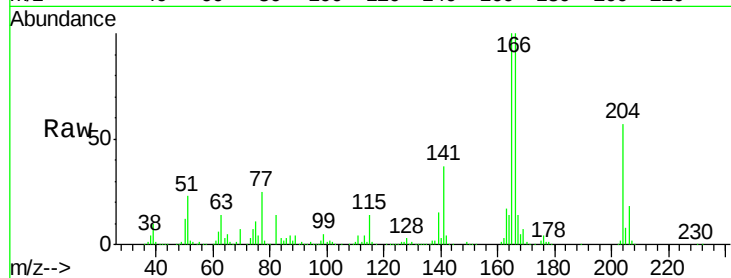
ClientSampleId :

PB90495BS

Manual Integrations  
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| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 100.5 | 79.0 | 118.6 |       |
| 167     | 13.7  | 10.6 | 15.8  |       |



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.15 ng

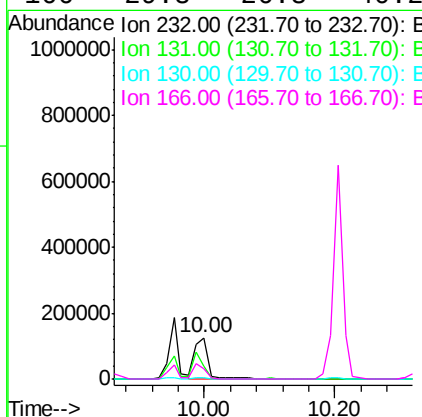
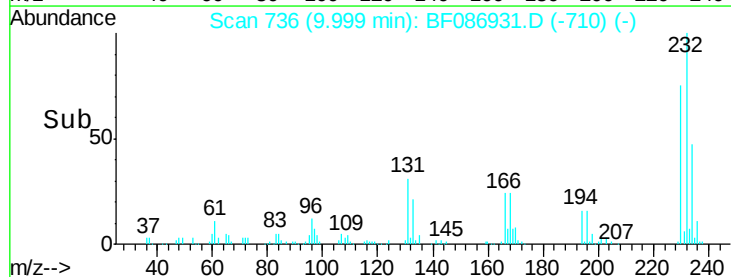
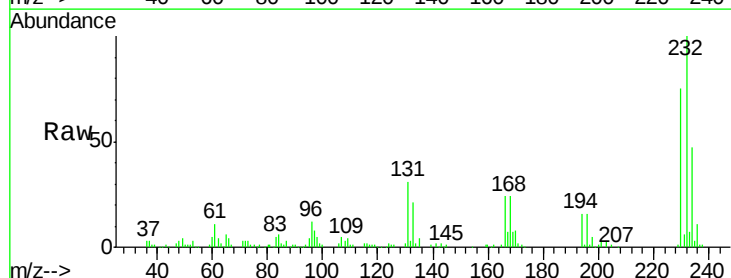
RT: 10.00 min Scan# 736

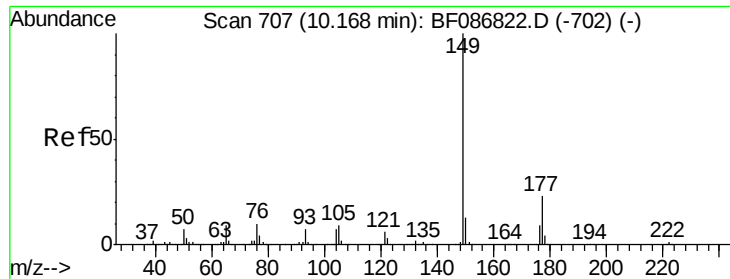
Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 51.7  | 41.9 | 62.9  |       |
| 130     | 2.5   | 2.2  | 3.4   |       |
| 166     | 29.8  | 26.8 | 40.2  |       |





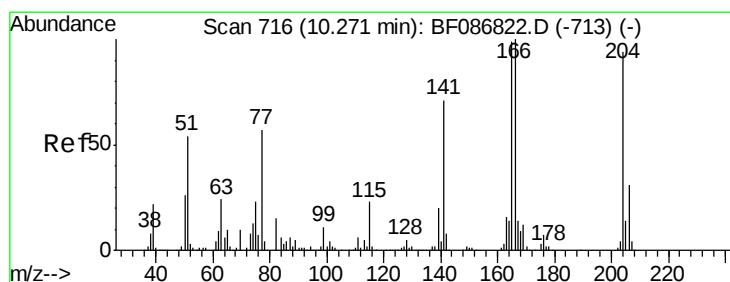
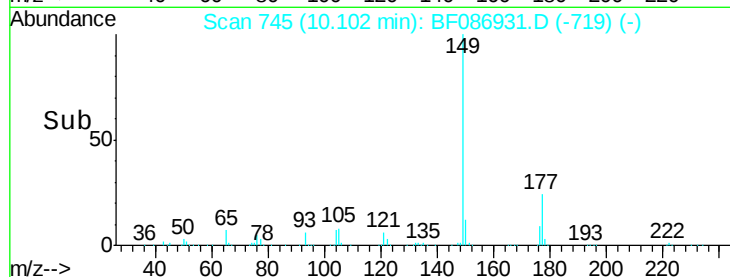
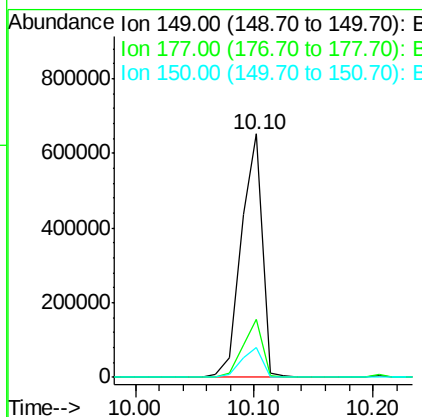
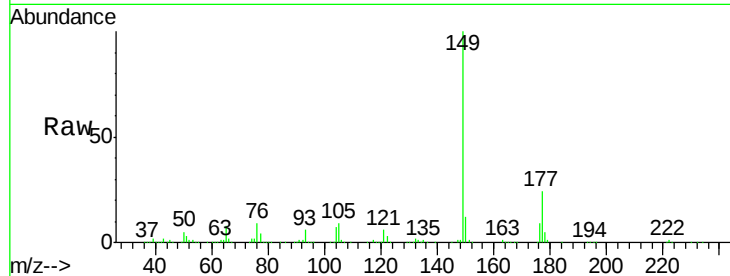
#59  
Diethylphthalate  
Concen: 34.07 ng  
RT: 10.10 min Scan# 745  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 800718 |       |       |
| 177     | 23.7  | 16.6   | 24.8  |       |
| 150     | 12.2  | 10.0   | 15.0  |       |

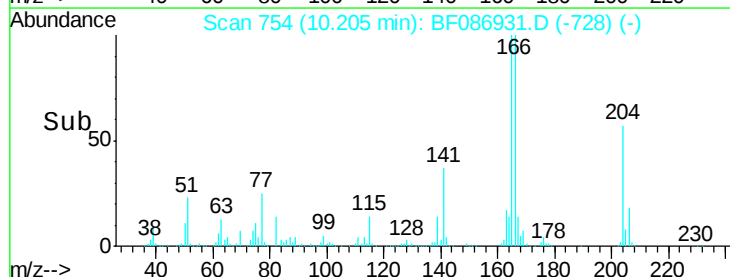
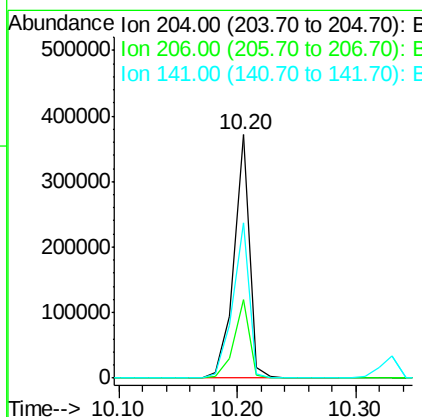
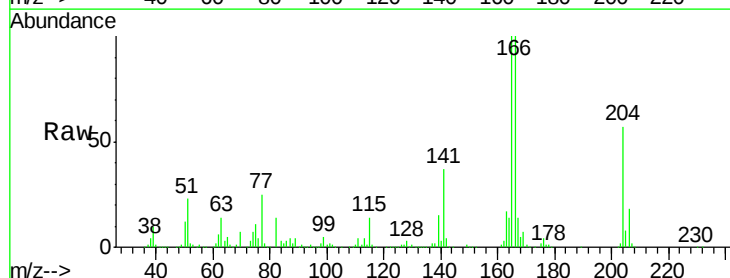
Manual Integrations  
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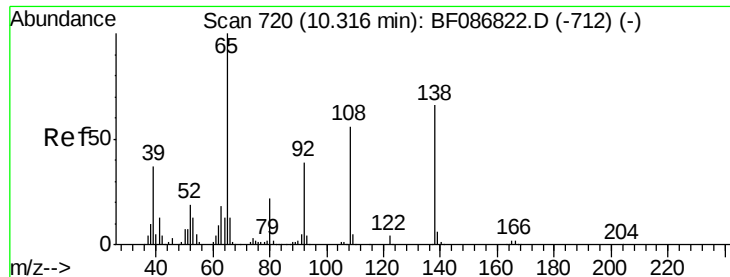
sohil  
5/13/2016 8:03:38 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 37.86 ng  
RT: 10.20 min Scan# 754  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 338261 |       |       |
| 206     | 32.3  | 25.4   | 38.0  |       |
| 141     | 64.0  | 61.6   | 92.4  |       |





#61

4-Nitroaniline

Concen: 35.62 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

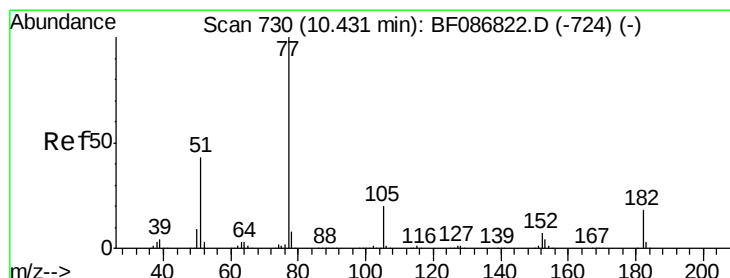
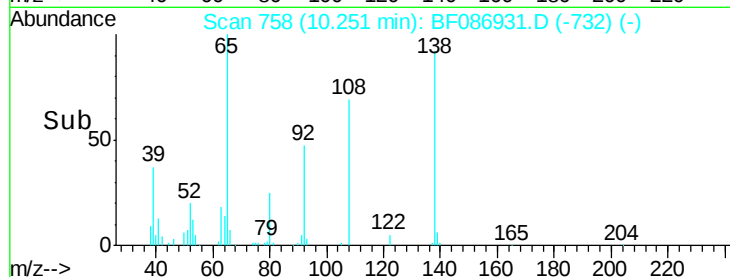
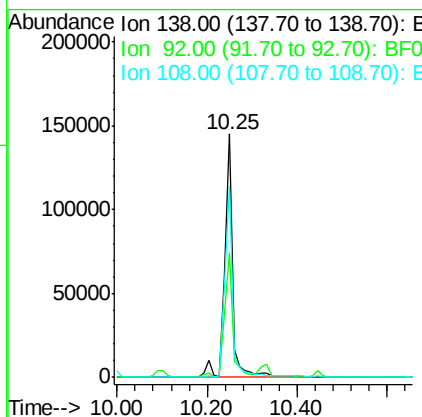
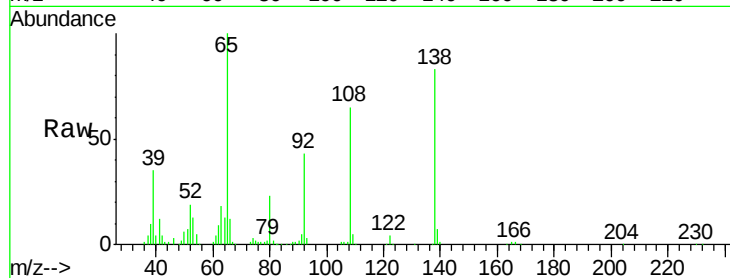
ClientSampleId :

PB90495BS

Manual Integrations  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.1  | 24.7  | 64.7  |
| 108     | 78.7  | 37.4  | 77.4  |



#62

Azobenzene

Concen: 38.51 ng

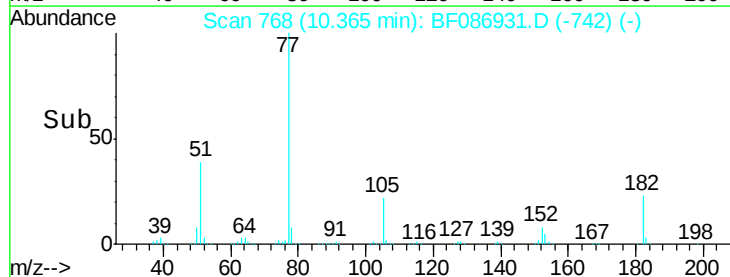
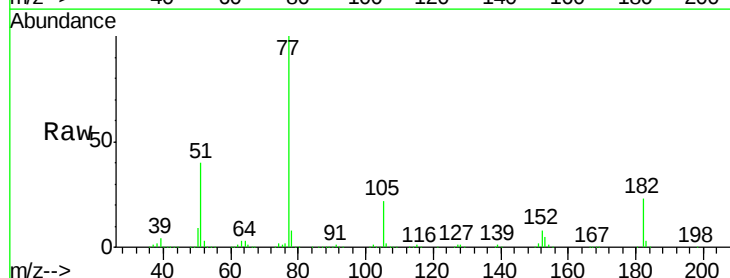
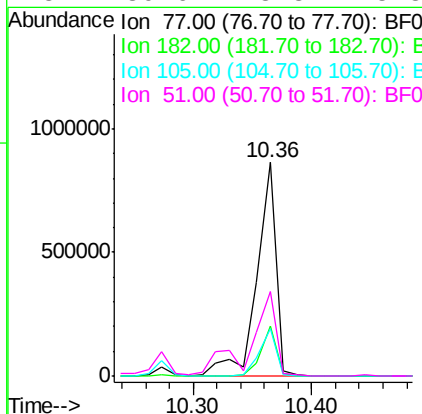
RT: 10.36 min Scan# 768

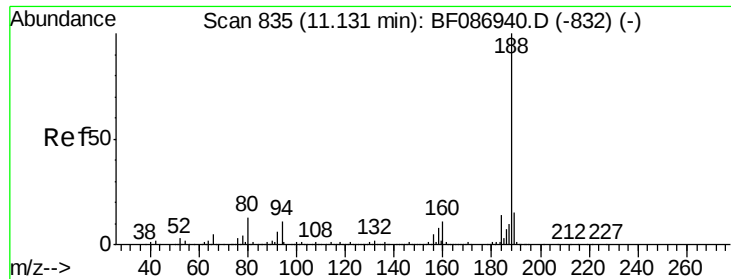
Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.3  | 0.0   | 38.8  |
| 105     | 21.9  | 3.2   | 43.2  |
| 51      | 39.6  | 8.8   | 48.8  |





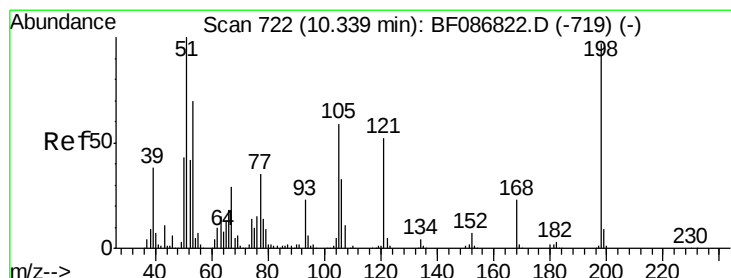
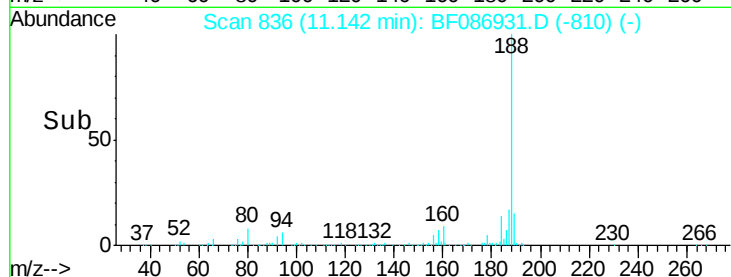
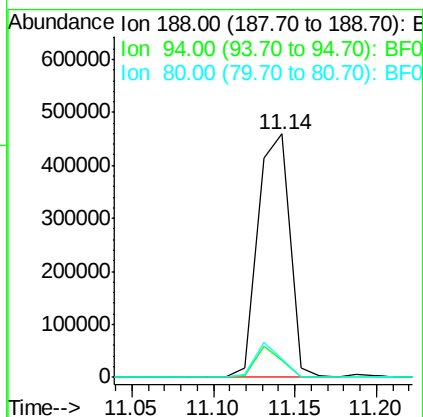
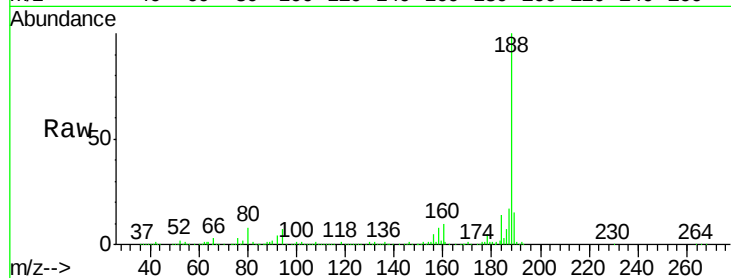
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.14 min Scan# 836  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 7.1   | 6.8        | 10.2       |
| 80      | 7.7   | 7.1        | 10.7       |

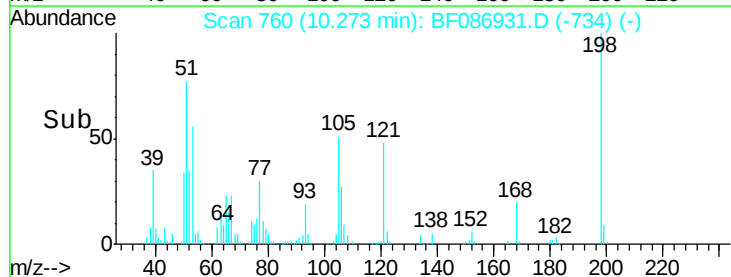
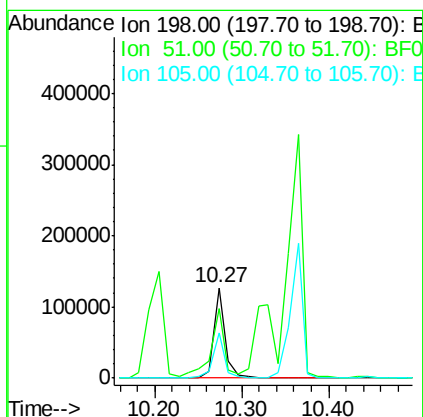
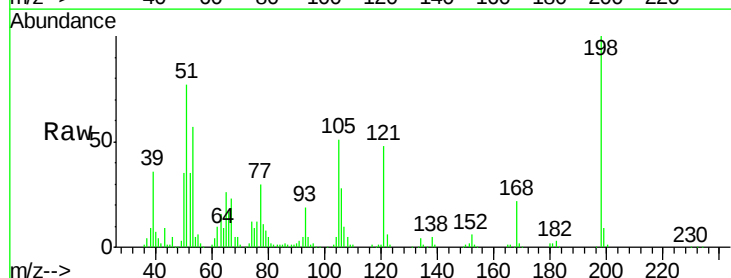
Manual Integrations  
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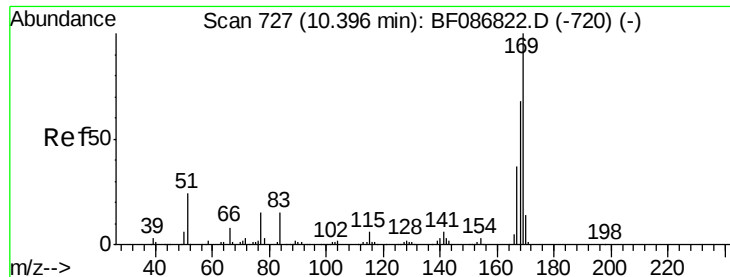
sohil  
5/13/2016 8:03:38 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 30.44 ng  
RT: 10.27 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 77.3  | 20.5       | 60.5#      |
| 105     | 50.5  | 24.5       | 64.5       |





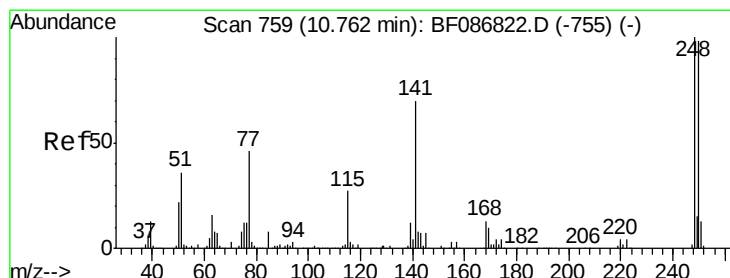
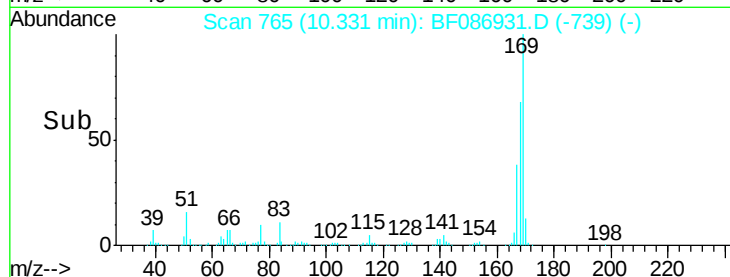
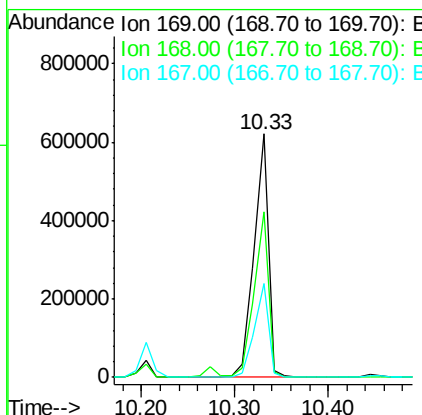
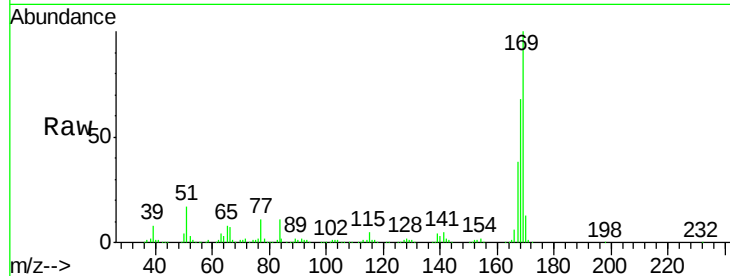
#65  
n-Nitrosodiphenylamine  
Concen: 34.46 ng  
RT: 10.33 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 662445 |       |       |
| 168     | 68.0  |        | 53.8  | 80.6  |
| 167     | 38.4  |        | 29.5  | 44.3  |

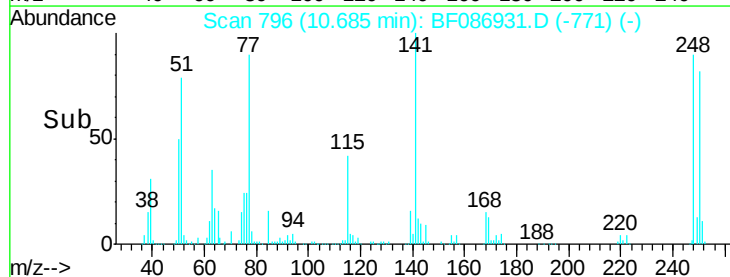
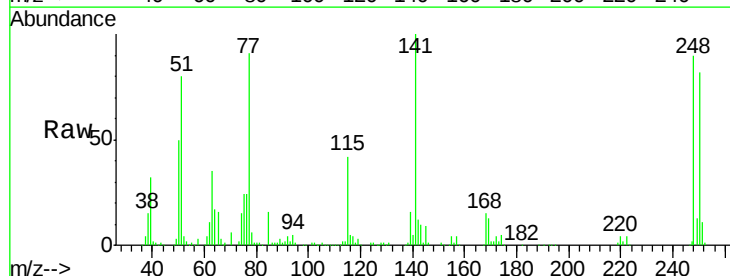
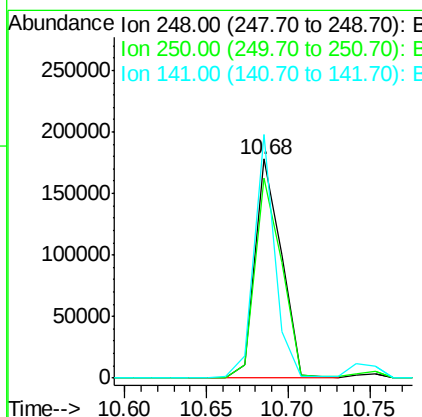
Manual Integrations  
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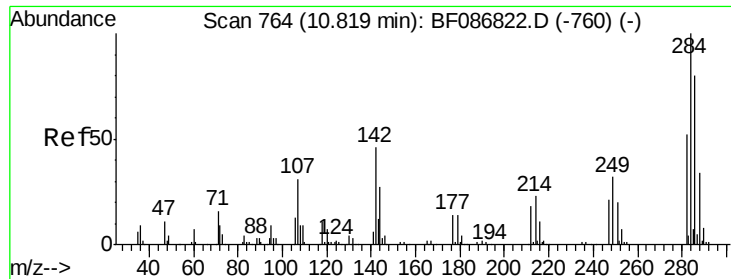
sohil  
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#66  
4-Bromophenyl-phenylether  
Concen: 31.78 ng  
RT: 10.68 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 201650 |       |       |
| 250     | 91.4  |        | 78.6  | 117.8 |
| 141     | 111.1 |        | 76.0  | 114.0 |





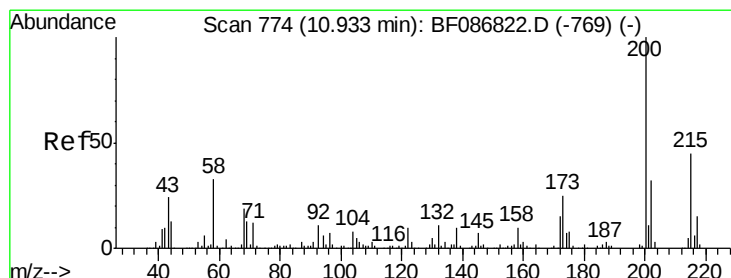
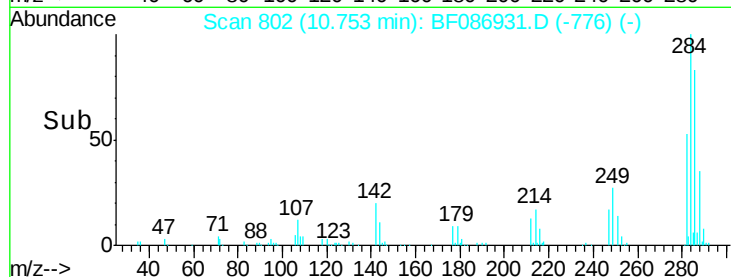
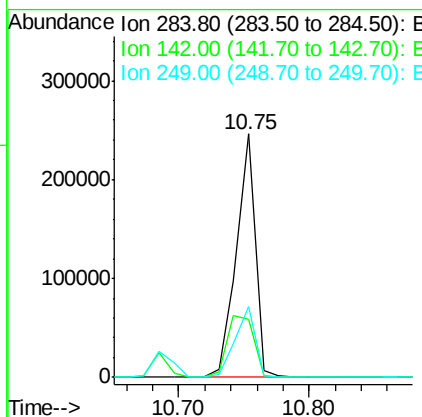
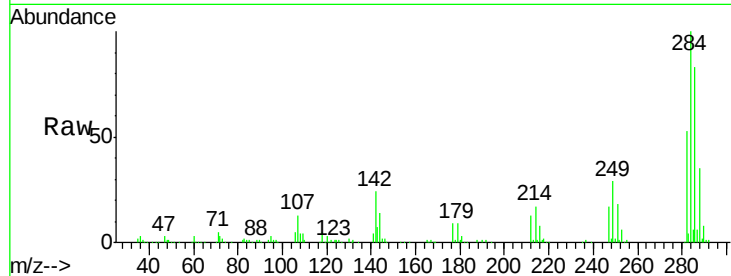
#67  
Hexachlorobenzene  
Concen: 33.31 ng  
RT: 10.75 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 246989 |       |       |
| 142     | 23.8  | 16.7   | 25.1  |       |
| 249     | 28.9  | 21.3   | 31.9  |       |

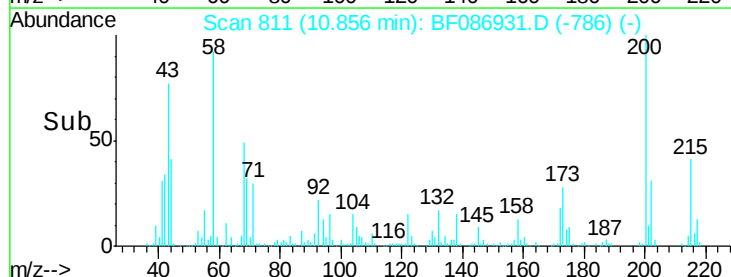
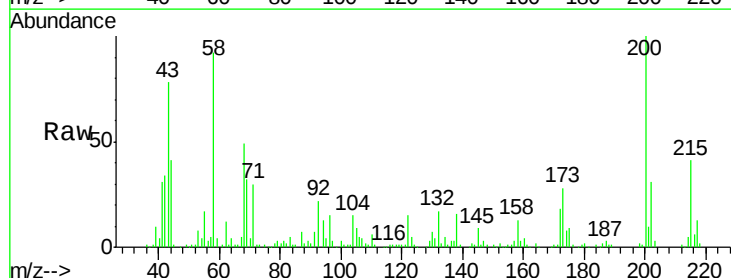
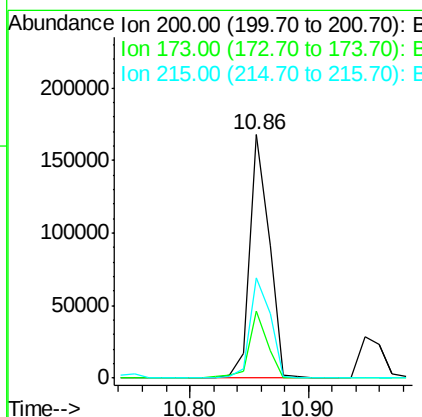
Manual Integrations  
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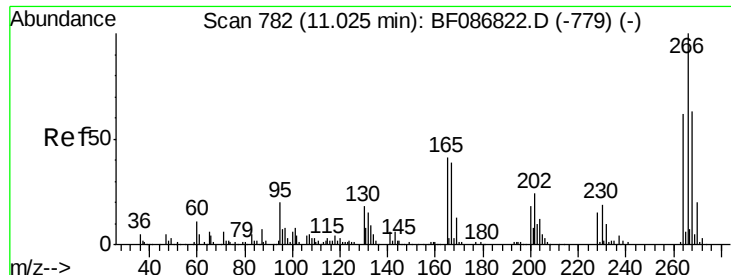
sohil  
5/13/2016 8:03:38 PM



#68  
Atrazine  
Concen: 30.08 ng  
RT: 10.86 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF086931.D  
Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 193228 |       |       |
| 173     | 27.7  | 8.5    | 48.5  |       |
| 215     | 41.4  | 27.2   | 67.2  |       |





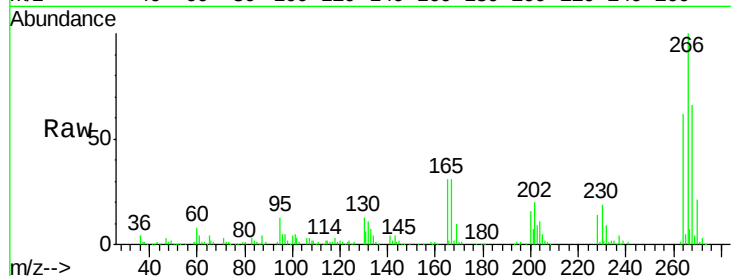
#69  
 Pentachlorophenol  
 Concen: 65.26 ng  
 RT: 10.96 min Scan# 820  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 223645 |       |       |
| 268     | 65.5  | 51.5   | 77.3  |       |
| 264     | 62.2  | 52.9   | 79.3  |       |

Manual Integrations  
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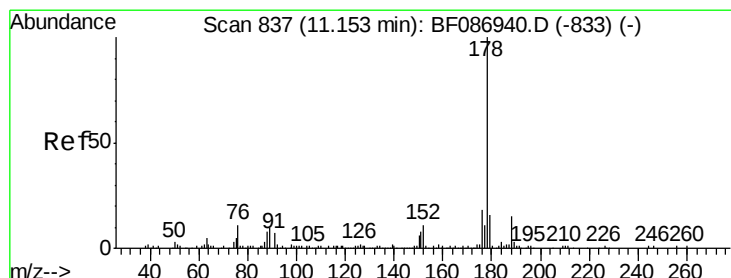
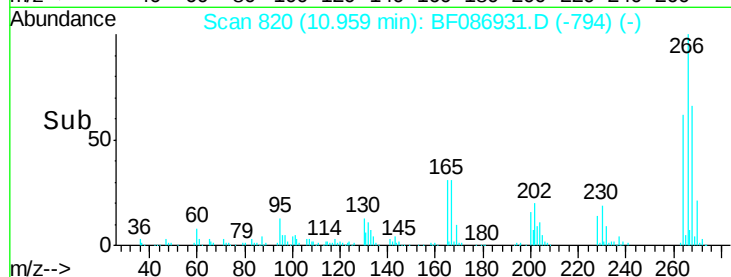
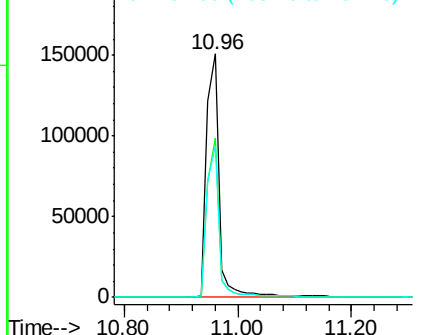


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 33.55 ng  
 RT: 11.16 min Scan# 838  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

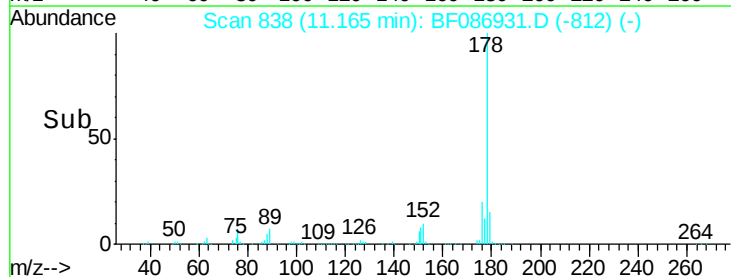
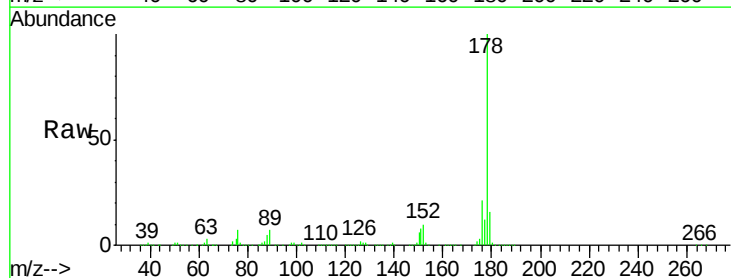
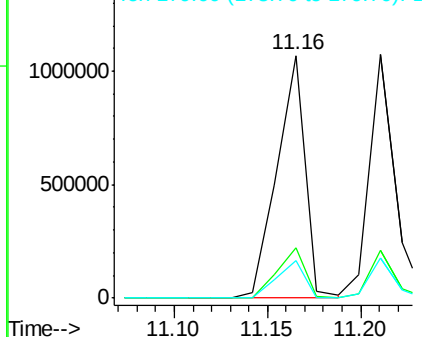
| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1120524 |       |       |
| 176     | 20.5  | 16.0    | 24.0  |       |
| 179     | 15.6  | 12.6    | 18.8  |       |

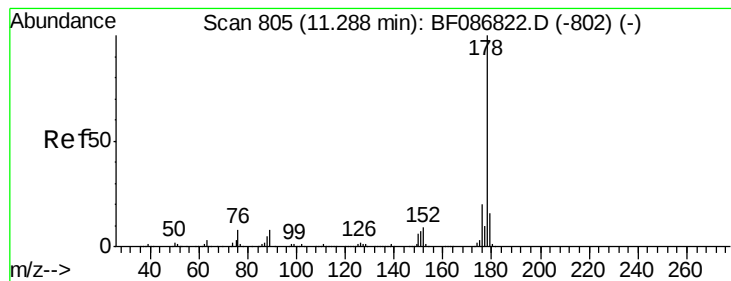
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 29.20 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

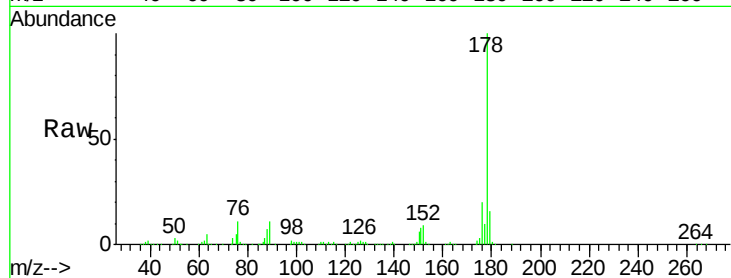
ClientSampleId :

PB90495BS

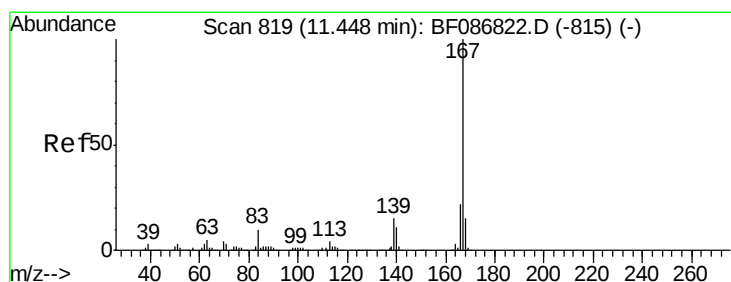
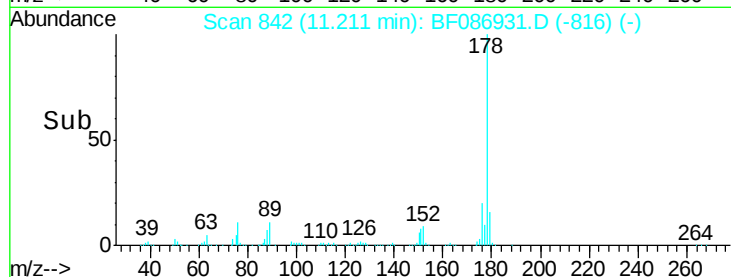
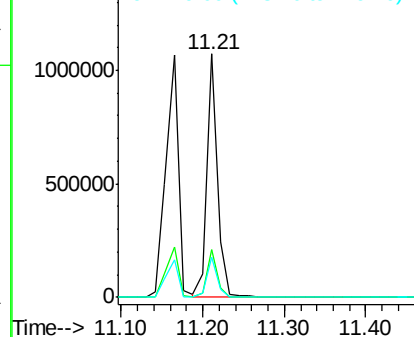
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 997500 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.7  | 15.6  | 23.4   |
| 179       | 16.4  | 12.7  | 19.1   |

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



#72

Carbazole

Concen: 32.76 ng

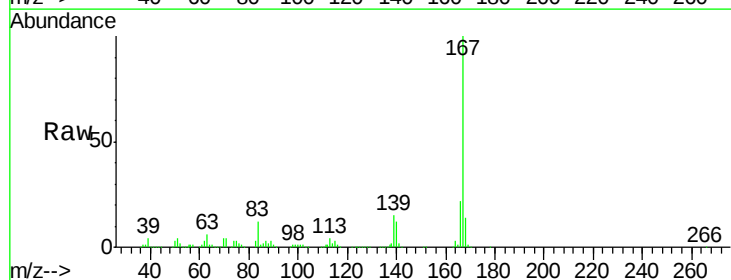
RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

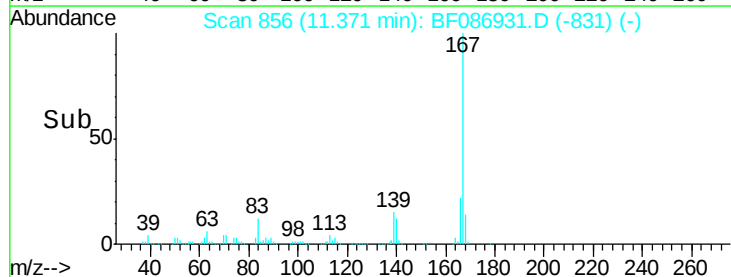
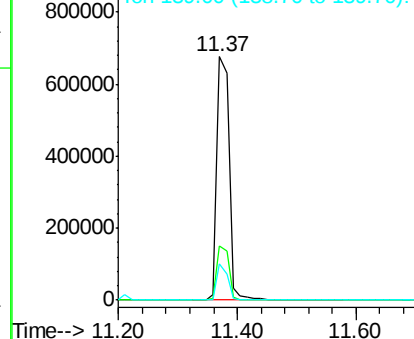
Lab File: BF086931.D

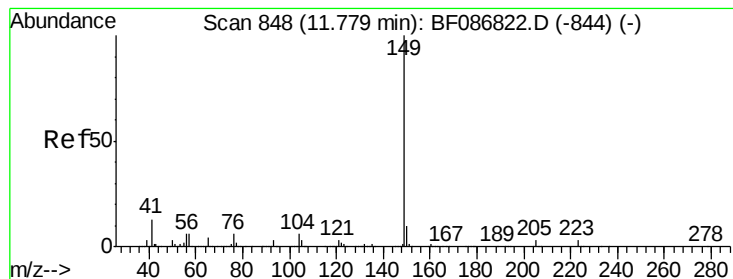
Acq: 12 May 2016 15:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 962026 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.3  | 17.7  | 26.5   |
| 139       | 15.0  | 10.8  | 16.2   |



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





#73

Di-n-butylphthalate

Concen: 34.33 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

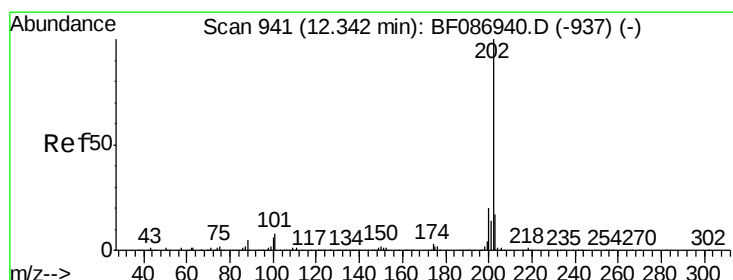
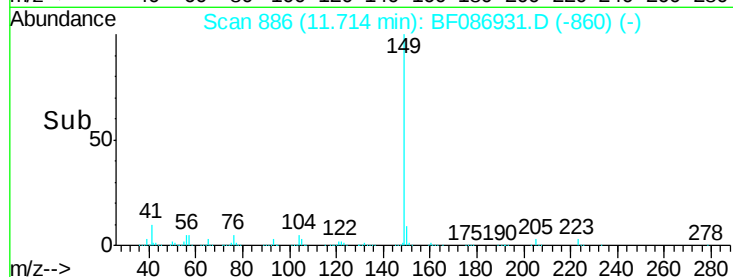
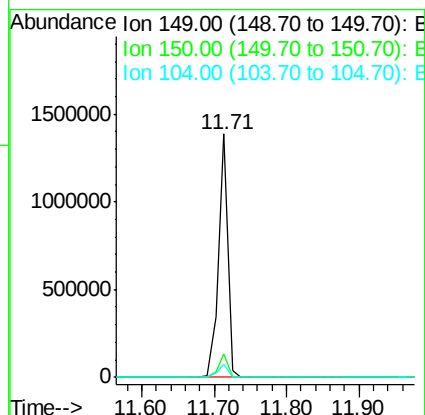
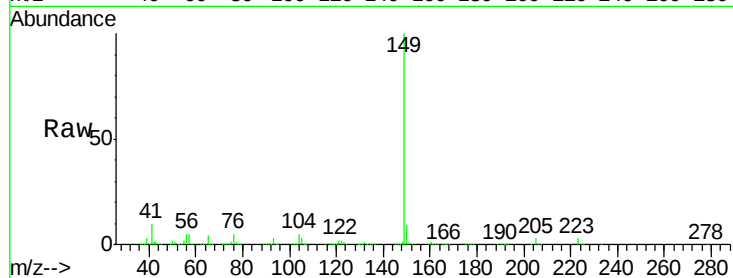
ClientSampleId :

PB90495BS

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|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1231025 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 150       | 9.4   | 7.6   | 11.4    |
| 104       | 5.4   | 3.8   | 5.6     |



#74

Fluoranthene

Concen: 32.46 ng

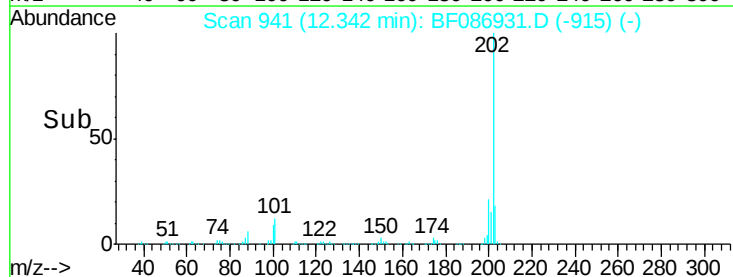
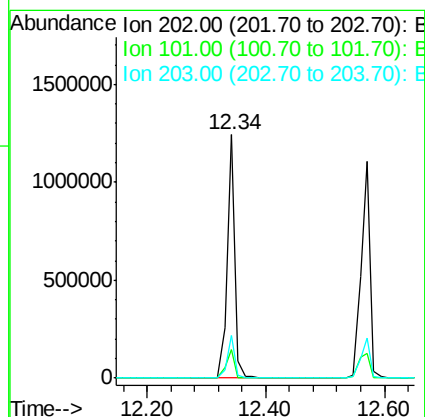
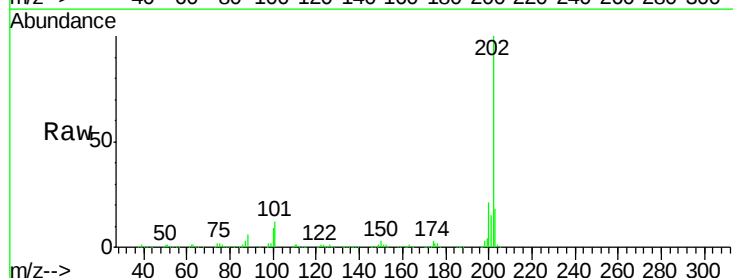
RT: 12.34 min Scan# 941

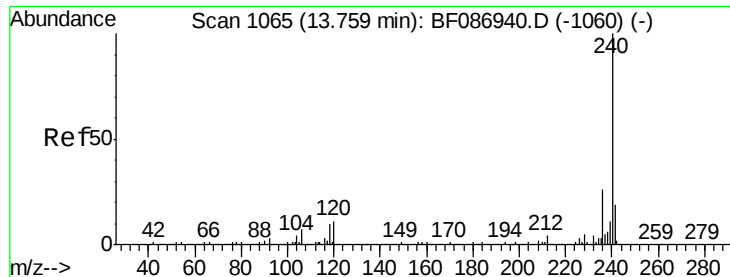
Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1114874 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 11.8  | 0.0   | 35.4    |
| 203       | 17.6  | 0.0   | 38.1    |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

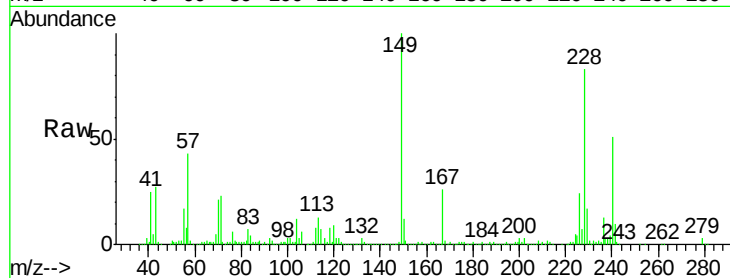
ClientSampleId :

PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 401033 |       |       |
| 120     | 17.0  | 11.2   | 16.8# |       |
| 236     | 24.8  | 21.2   | 31.8  |       |

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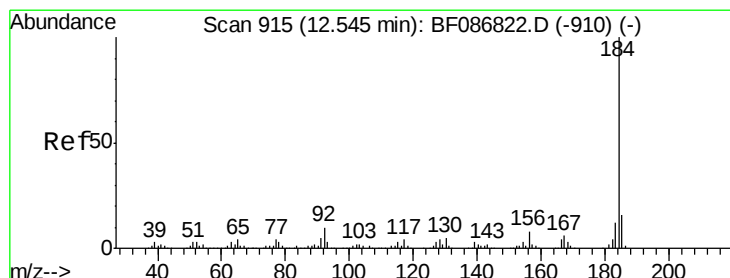
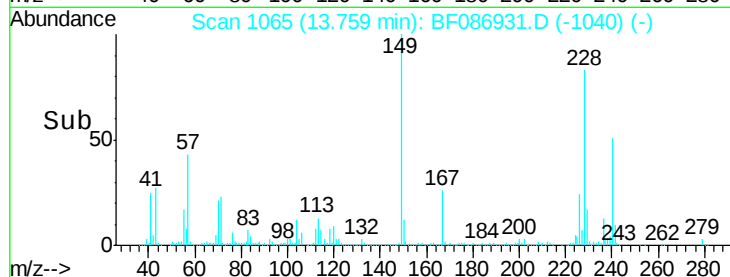
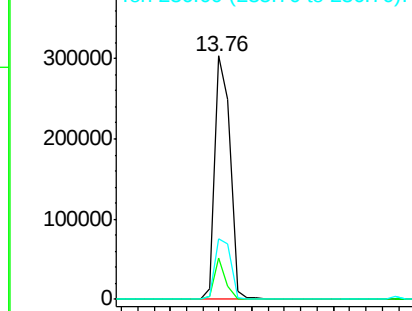


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.41 ng

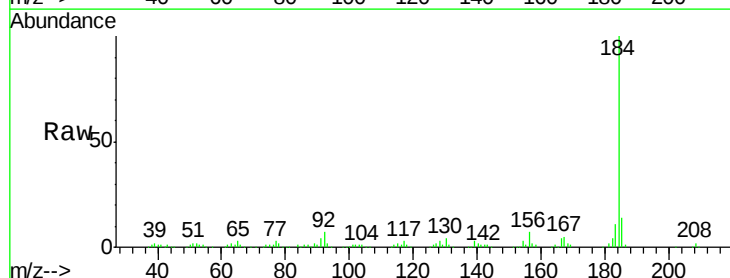
RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 229150 |       |       |
| 185     | 14.0  | 13.6   | 20.4  |       |
| 183     | 11.2  | 9.8    | 14.6  |       |

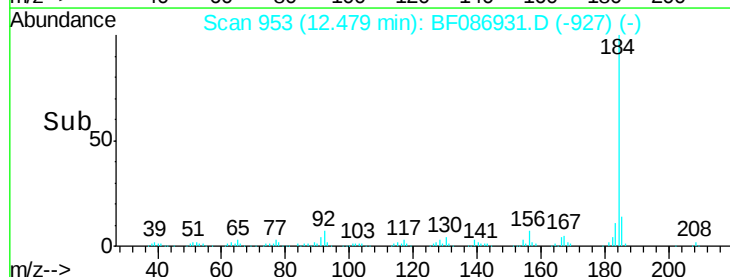
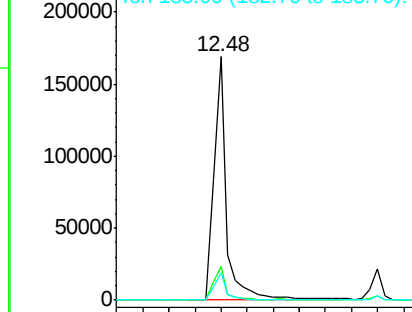


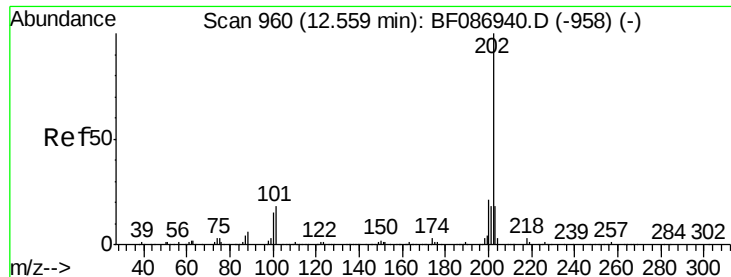
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.70 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF086931.D

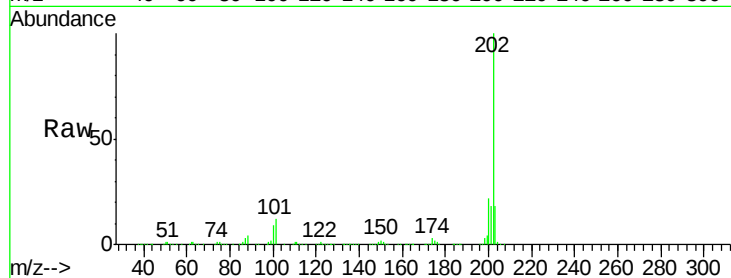
Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampled :

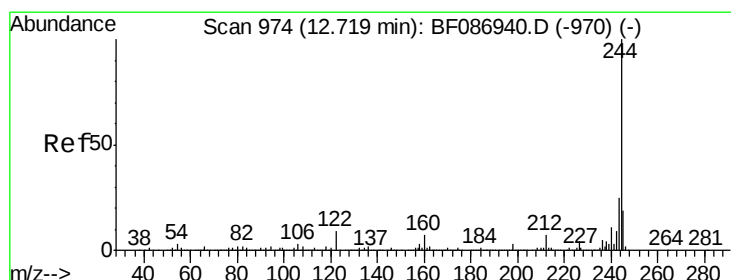
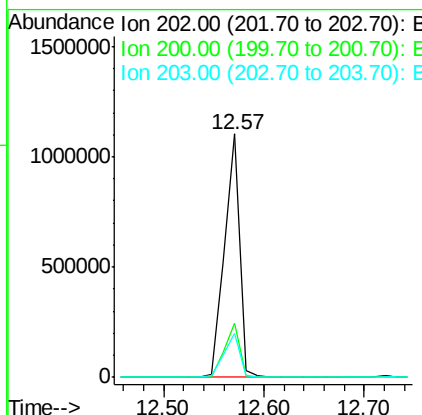
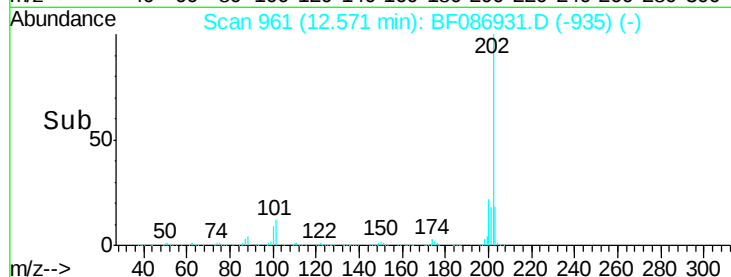
PB90495BS



|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1157439 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 22.2  | 17.7  | 26.5    |
| 203      | 18.3  | 14.2  | 21.4    |

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#78

Terphenyl-d14

Concen: 63.24 ng

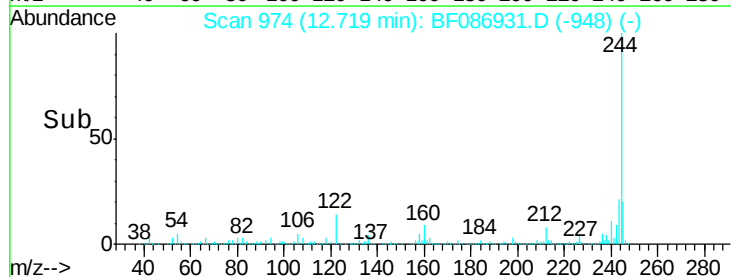
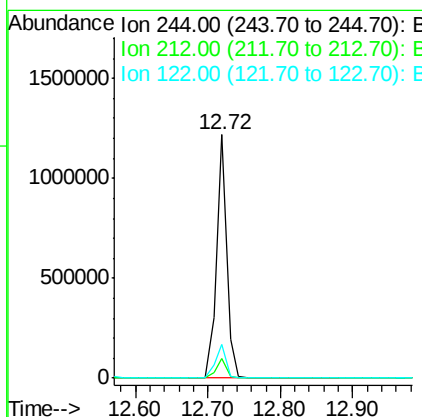
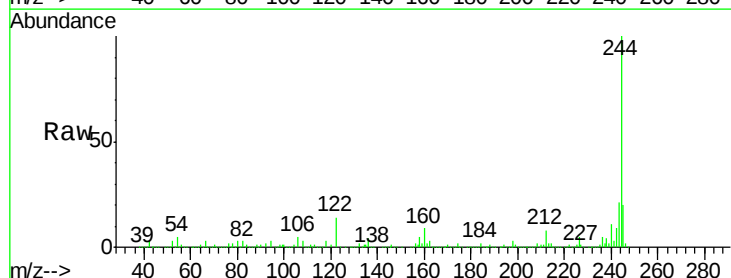
RT: 12.72 min Scan# 974

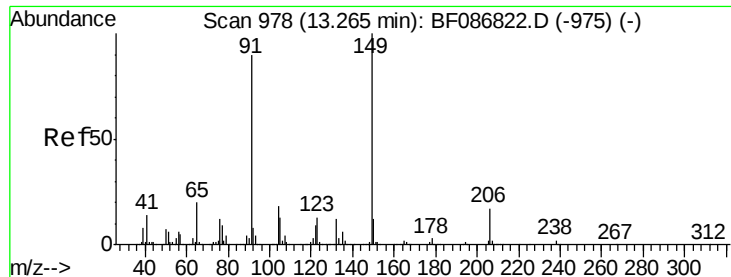
Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1195323 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 8.2   | 6.2   | 9.2     |
| 122      | 14.0  | 12.0  | 18.0    |





#79

Butylbenzylphthalate

Concen: 36.91 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF086931.D

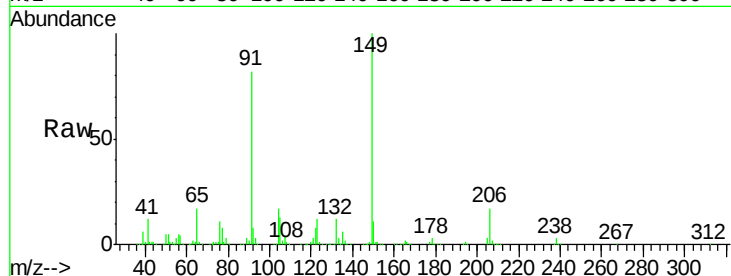
Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

PB90495BS



Tgt Ion:149 Resp: 479278

Ion Ratio Lower Upper

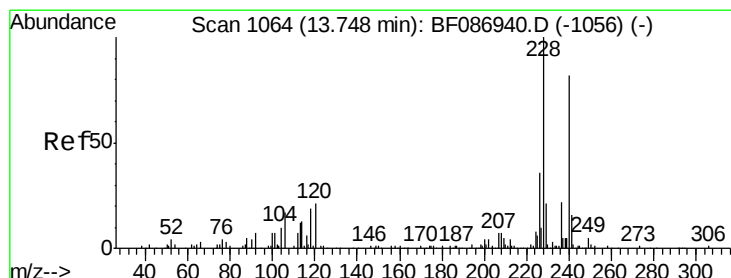
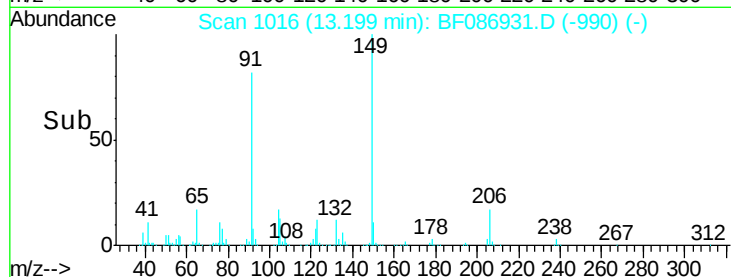
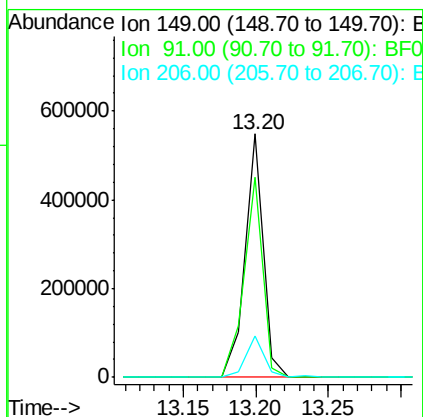
149 100

91 82.2 48.0 72.0#

206 17.0 15.8 23.6

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#80

Benzo(a)anthracene

Concen: 36.76 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

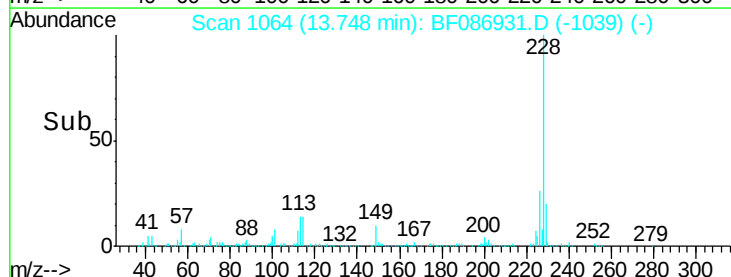
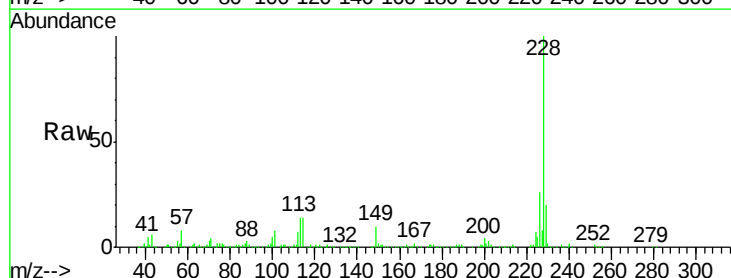
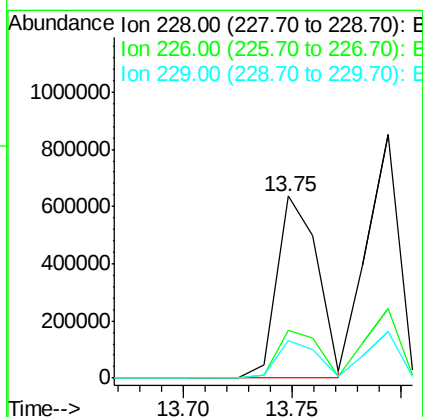
Tgt Ion:228 Resp: 827511

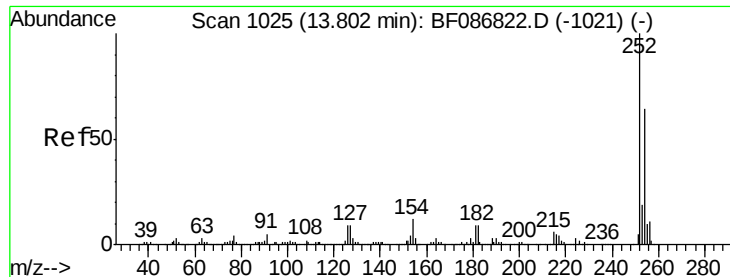
Ion Ratio Lower Upper

228 100

226 26.5 22.5 33.7

229 20.4 16.6 25.0





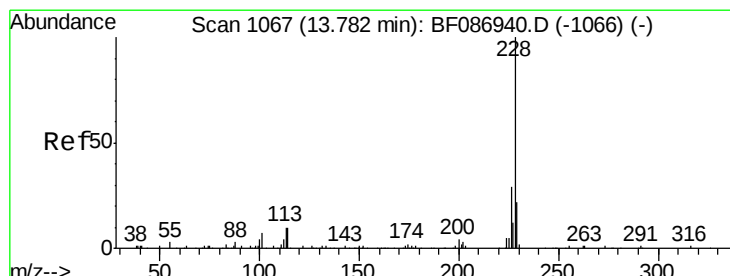
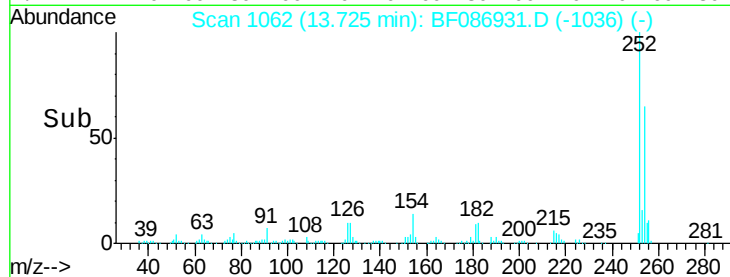
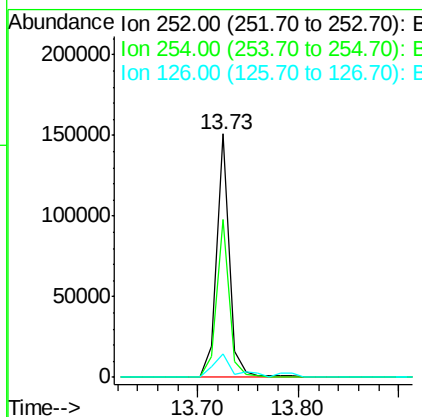
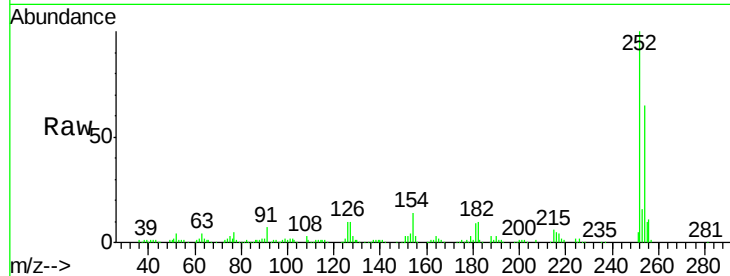
#81  
 3,3'-Dichlorobenzidine  
 Concen: 9.30 ng  
 RT: 13.73 min Scan# 1062  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90495BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 64.6  | 50.7       | 76.1       |
| 126     | 9.8   | 12.7       | 19.1       |

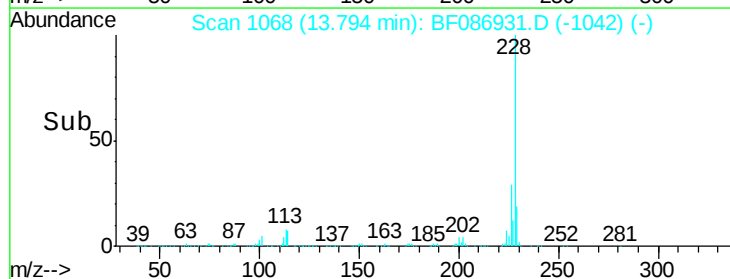
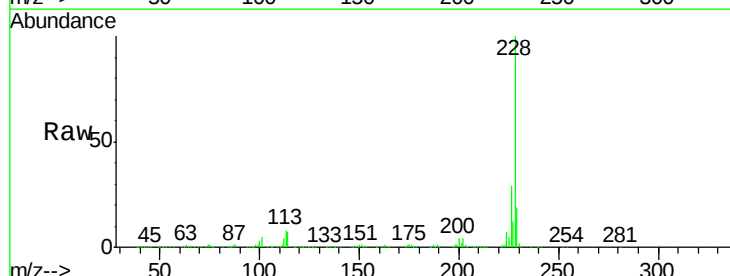
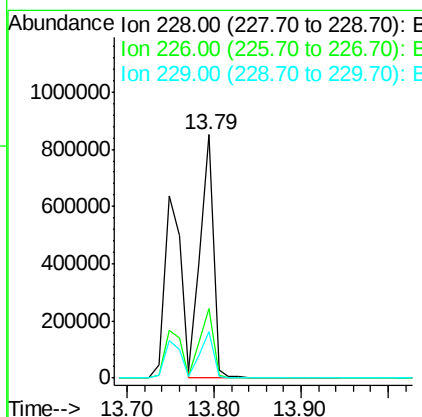
Manual Integrations  
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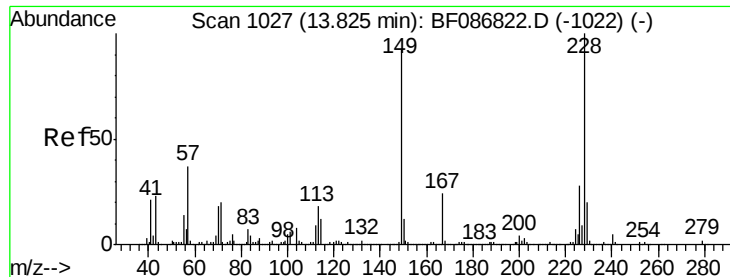
sohil  
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#82  
 Chrysene  
 Concen: 38.78 ng  
 RT: 13.79 min Scan# 1068  
 Delta R.T. 0.00 min  
 Lab File: BF086931.D  
 Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 28.8  | 24.4       | 36.6       |
| 229     | 19.3  | 15.8       | 23.8       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.61 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF086931.D

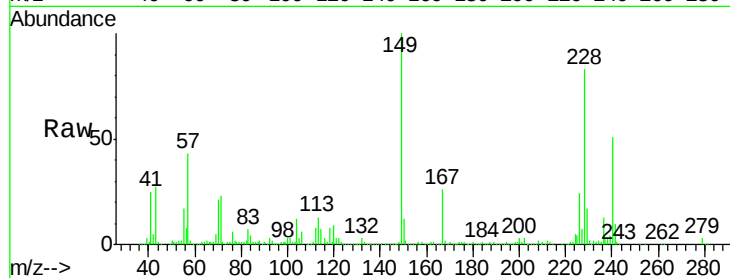
Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

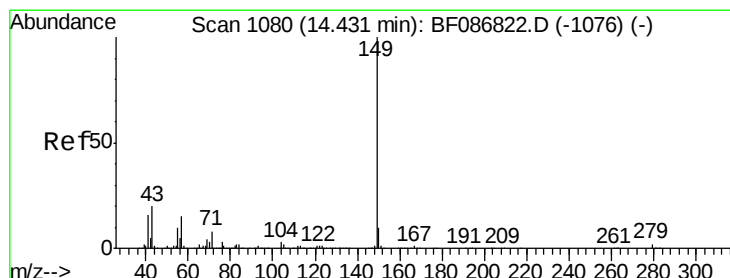
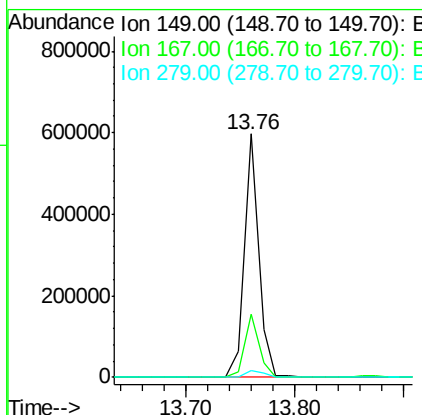
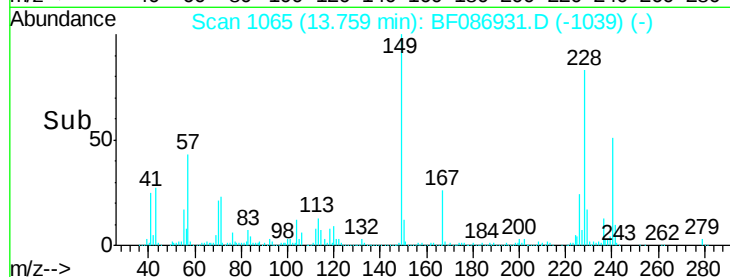
PB90495BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 540595 |       |       |
| 167     | 26.0  | 21.8   | 32.6  |       |
| 279     | 2.6   | 2.6    | 4.0#  |       |

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#84

Di-n-octyl phthalate

Concen: 34.29 ng

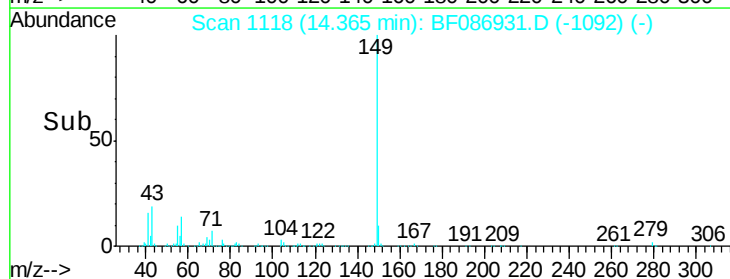
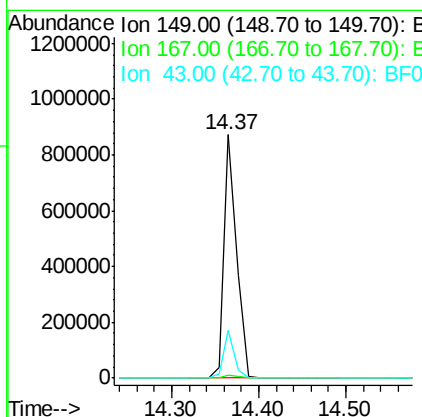
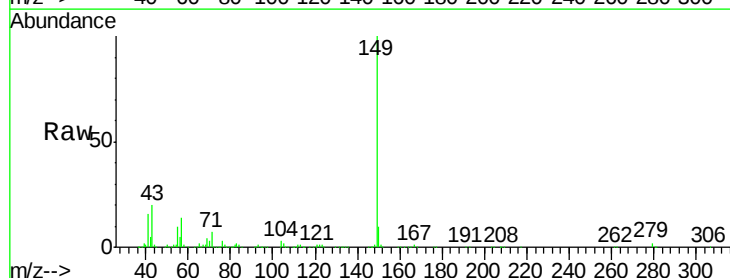
RT: 14.37 min Scan# 1118

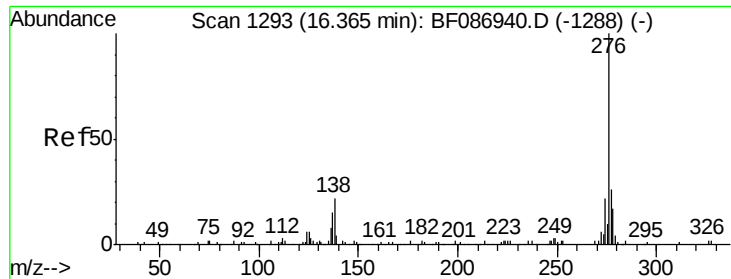
Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 887334 |       |       |
| 167     | 1.6   | 1.2    | 1.8   |       |
| 43      | 16.7  | 8.2    | 12.4# |       |





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.00 ng

RT: 16.38 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

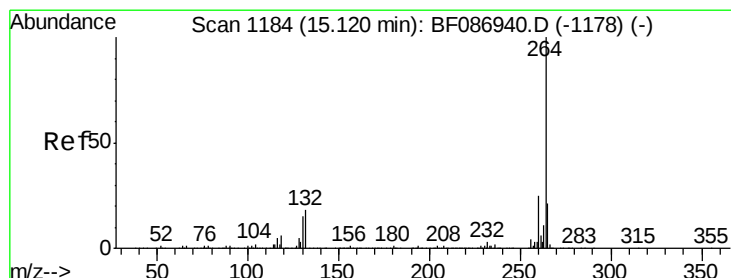
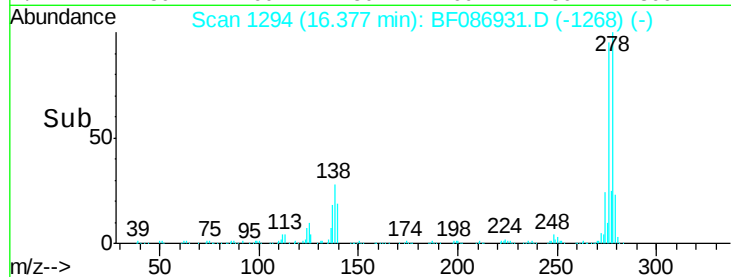
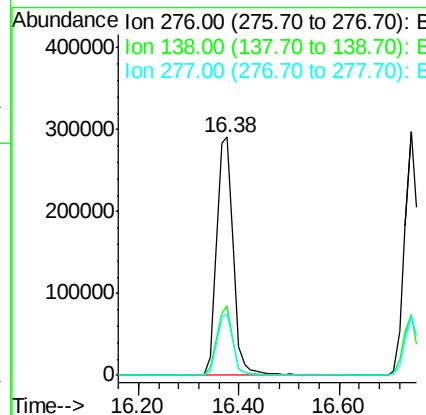
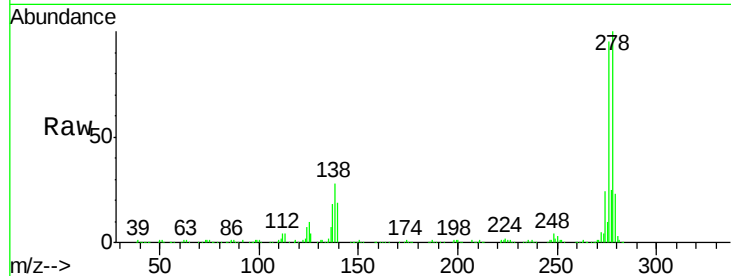
ClientSampleId :

PB90495BS

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 276   | Resp: | 666857 |
|     | Ratio | Lower | Upper |        |
| 276 | 100   |       |       |        |
| 138 | 27.4  | 25.6  | 38.4  |        |
| 277 | 25.1  | 20.5  | 30.7  |        |

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#86

Perylene-d12

Concen: 20.00 ng

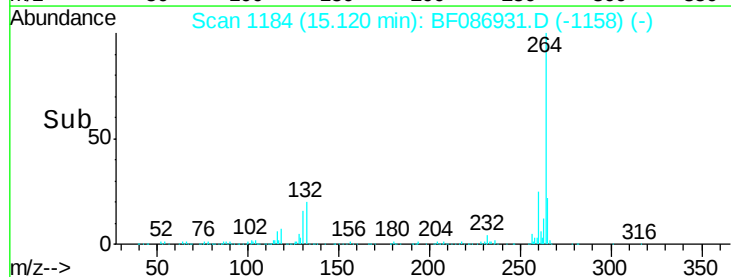
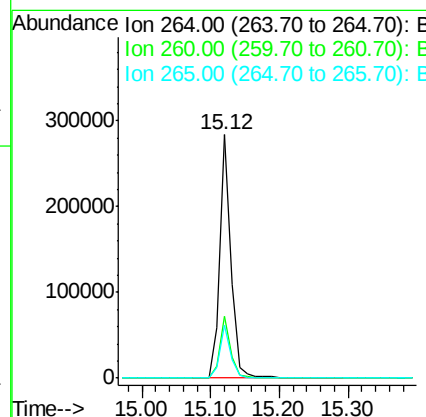
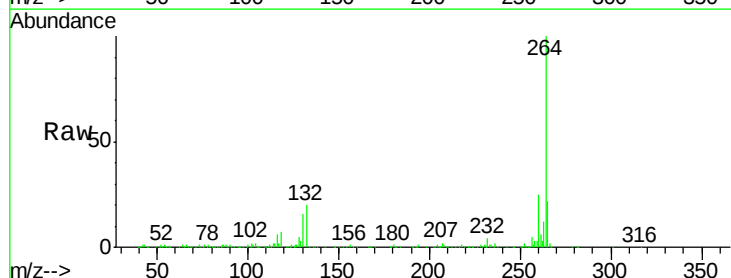
RT: 15.12 min Scan# 1184

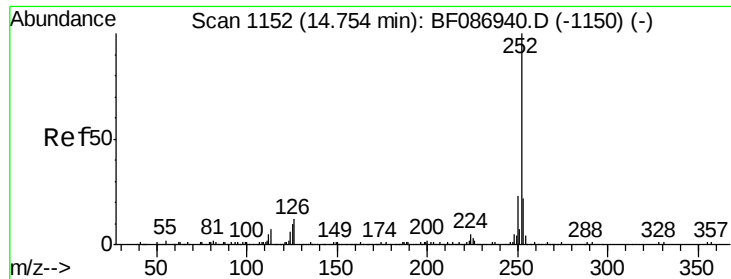
Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 264   | Resp: | 328302 |
|     | Ratio | Lower | Upper |        |
| 264 | 100   |       |       |        |
| 260 | 25.3  | 19.5  | 29.3  |        |
| 265 | 21.9  | 17.3  | 25.9  |        |





#87

Benzo(b)fluoranthene

Concen: 32.96 ng m

RT: 14.75 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

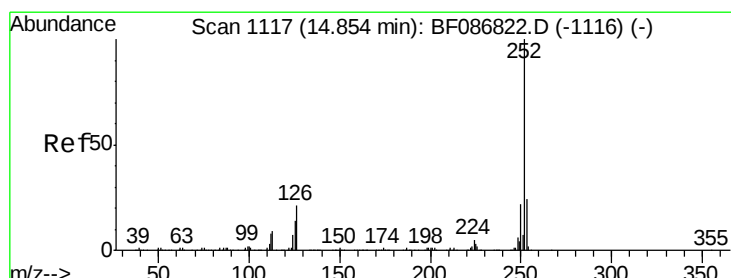
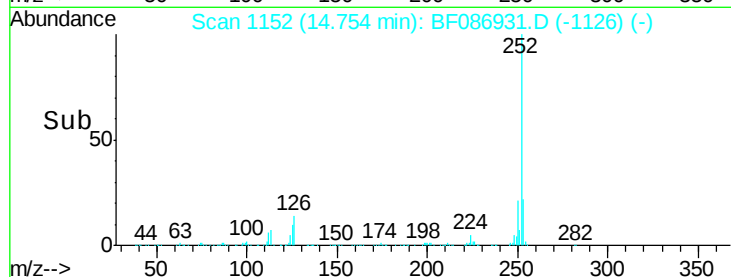
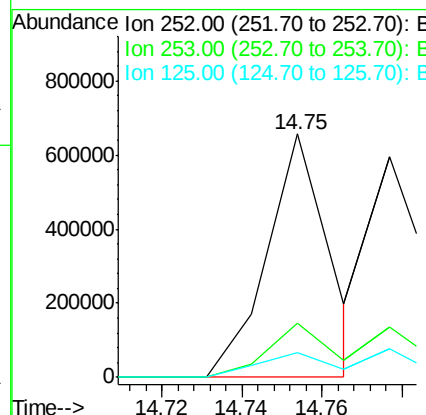
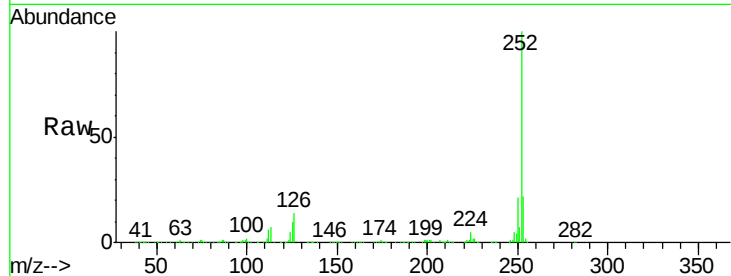
ClientSampleId :

PB90495BS

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 252   | Resp: | 703307 |
| Ion | Ratio | Lower | Upper |        |
| 252 | 100   |       |       |        |
| 253 | 22.2  | 17.8  | 26.6  |        |
| 125 | 10.4  | 11.4  | 17.0  |        |

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#88

Benzo(k)fluoranthene

Concen: 35.09 ng m

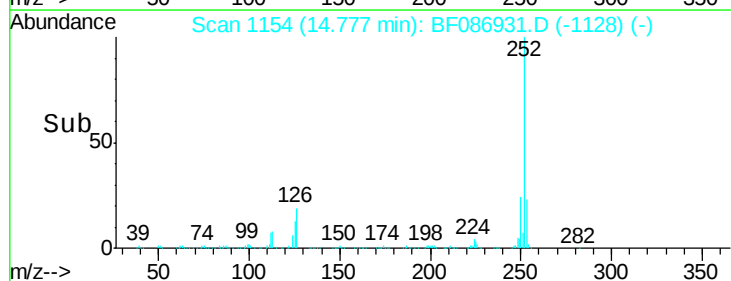
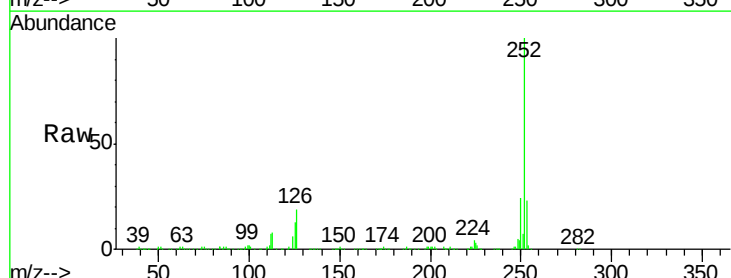
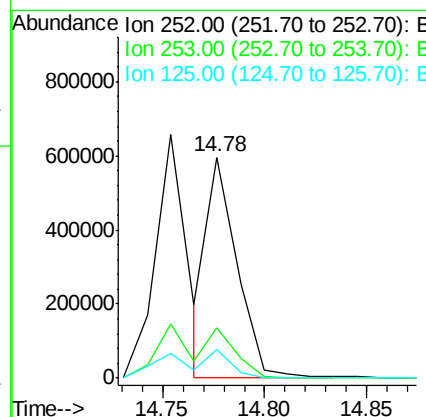
RT: 14.78 min Scan# 1154

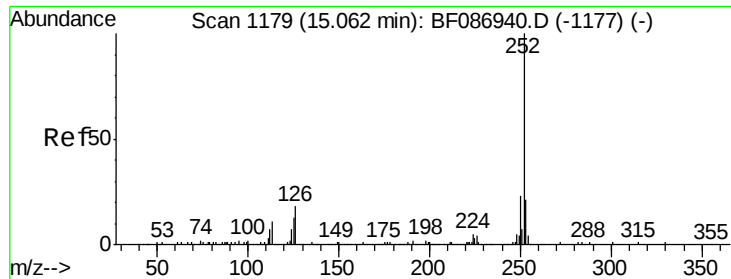
Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 252   | Resp: | 613084 |
| Ion | Ratio | Lower | Upper |        |
| 252 | 100   |       |       |        |
| 253 | 22.9  | 17.8  | 26.6  |        |
| 125 | 12.8  | 9.1   | 13.7  |        |





#89

Benzo(a)pyrene

Concen: 35.44 ng

RT: 15.07 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

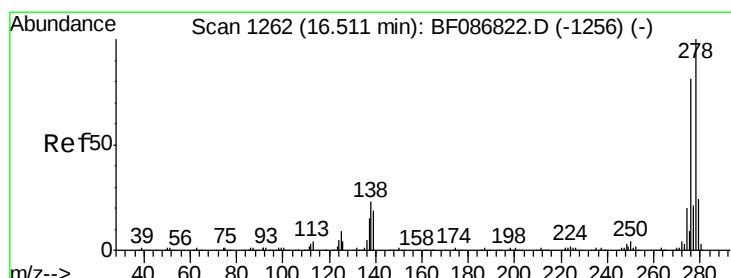
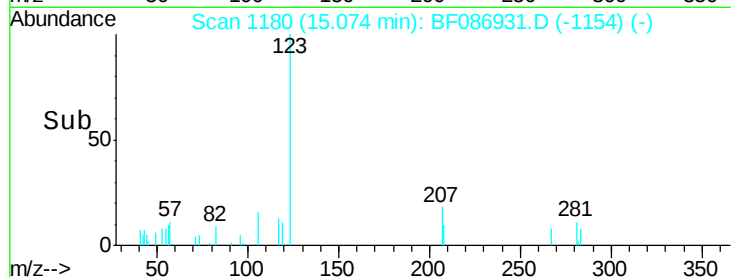
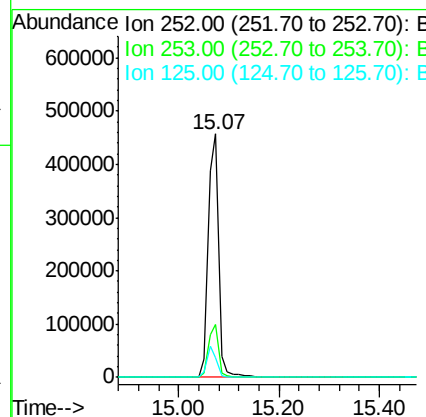
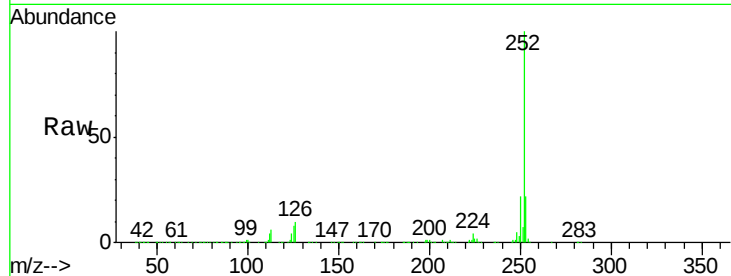
ClientSampleId :

PB90495BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 652170 |       |       |
| 253     | 21.5  | 17.2   | 25.8  |       |
| 125     | 7.8   | 9.0    | 13.6  |       |

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#90

Dibenzo(a,h)anthracene

Concen: 35.95 ng

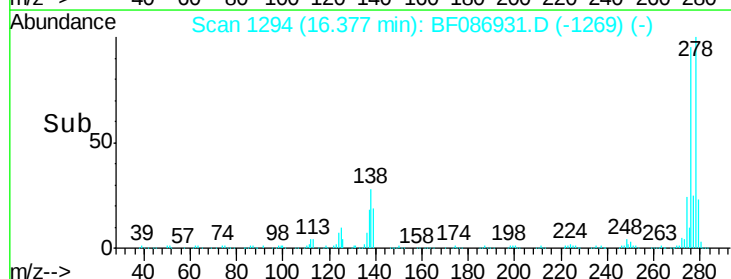
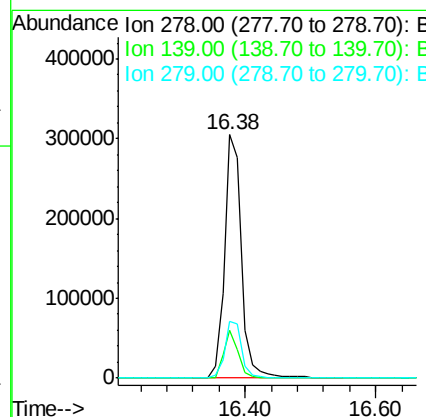
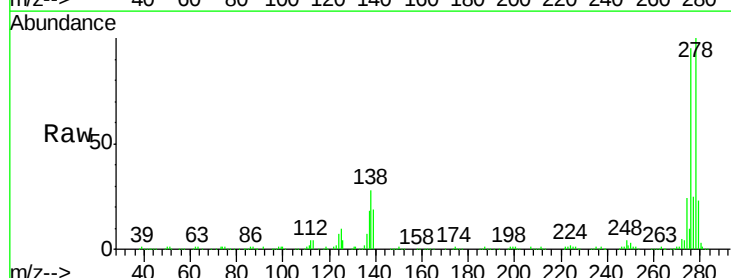
RT: 16.38 min Scan# 1294

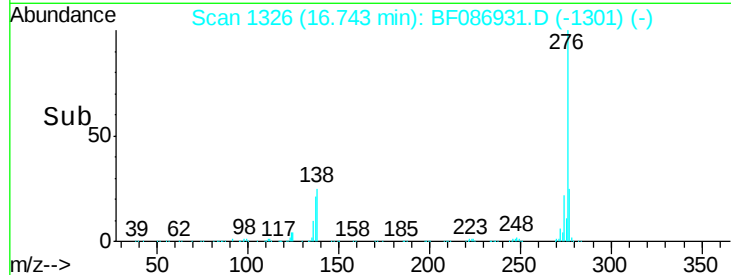
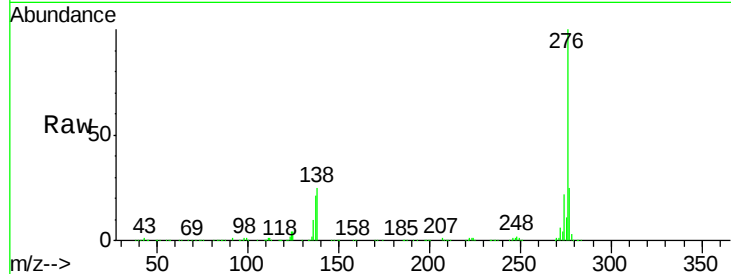
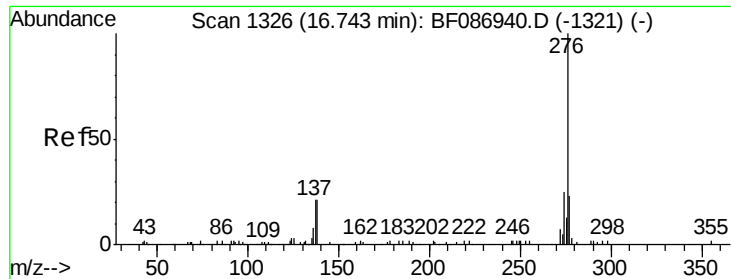
Delta R.T. -0.01 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 278     | 100   | 557563 |       |       |
| 139     | 19.4  | 16.6   | 24.8  |       |
| 279     | 23.1  | 19.6   | 29.4  |       |





#91

Benzo(g,h,i)perylene

Concen: 36.12 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF086931.D

Acq: 12 May 2016 15:32

Instrument :

BNA\_F

ClientSampleId :

PB90495BS

|     |       |      |       |        |
|-----|-------|------|-------|--------|
| Tgt | Ion   | 276  | Resp: | 569190 |
| Ion | Ratio | 100  | Lower | Upper  |
| 276 | 100   |      |       |        |
| 277 | 24.6  | 19.6 | 29.4  |        |
| 138 | 24.7  | 23.6 | 35.4  |        |

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