

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062615\  
 Data File : BF080193.D  
 Acq On : 26 Jun 2015 17:02  
 Operator : TP/IZ  
 Sample : PB84223BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

Manual Integrations  
 APPROVED

apatel  
 6/29/2015 11:38:16 AM

Quant Time: Jun 26 23:59:17 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 26 23:02:05 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.29  | 152  | 30070    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.58  | 136  | 117929   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.36 | 164  | 61790    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.86 | 188  | 126564   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 14.88 | 240  | 130913   | 20.00 | ng    | -0.15    |
| 86) Perylene-d12          | 16.80 | 264  | 127429   | 20.00 | ng    | -0.22    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.90  | 112 | 211562 | 124.54 | ng | 0.00  |
| 7) Phenol-d6             | 6.89  | 99  | 271888 | 120.28 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.85  | 82  | 175616 | 86.69  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 11.16 | 330 | 73167  | 121.10 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.66  | 172 | 342066 | 78.95  | ng | 0.00  |
| 78) Terphenyl-d14        | 13.58 | 244 | 430183 | 76.74  | ng | -0.08 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.14 | 88  | 25226   | 31.24 | ng | # 84   |
| 3) Pyridine                    | 3.98 | 79  | 71791   | 33.43 | ng | # 83   |
| 4) n-Nitrosodimethylamine      | 3.89 | 42  | 38613   | 37.84 | ng | 95     |
| 6) Aniline                     | 6.95 | 93  | 93489   | 30.06 | ng | 96     |
| 8) 2-Chlorophenol              | 7.08 | 128 | 81636   | 41.58 | ng | 92     |
| 9) Benzaldehyde                | 6.84 | 77  | 32639   | 25.01 | ng | # 72   |
| 10) Phenol                     | 6.92 | 94  | 91203   | 36.97 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 7.01 | 93  | 68515   | 35.01 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.24 | 146 | 88091   | 37.35 | ng | # 92   |
| 13) 1,4-Dichlorobenzene        | 7.32 | 146 | 88822   | 39.60 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.46 | 146 | 78083m  | 35.77 | ng |        |
| 15) Benzyl Alcohol             | 7.42 | 79  | 69819   | 37.78 | ng | # 76   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.56 | 45  | 116677  | 40.16 | ng | 89     |
| 17) 2-Methylphenol             | 7.52 | 107 | 59314   | 35.37 | ng | # 82   |
| 18) Hexachloroethane           | 7.82 | 117 | 29310   | 39.24 | ng | # 76   |
| 19) n-Nitroso-di-n-propylamine | 7.69 | 70  | 54142   | 34.50 | ng | # 77   |
| 20) 3+4-Methylphenols          | 7.68 | 107 | 84144   | 38.88 | ng | 91     |
| 22) Acetophenone               | 7.69 | 105 | 114387  | 41.62 | ng | # 85   |
| 24) Nitrobenzene               | 7.86 | 77  | 79079   | 37.82 | ng | # 57   |
| 25) Isophorone                 | 8.10 | 82  | 154118  | 37.80 | ng | # 85   |
| 26) 2-Nitrophenol              | 8.20 | 139 | 37069   | 42.36 | ng | # 81   |
| 27) 2,4-Dimethylphenol         | 8.22 | 122 | 69285   | 37.97 | ng | # 85   |
| 28) bis(2-Chloroethoxy)methane | 8.31 | 93  | 95371   | 39.82 | ng | # 92   |
| 29) 2,4-Dichlorophenol         | 8.44 | 162 | 65708   | 42.05 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.53 | 180 | 75340   | 42.45 | ng | 98     |
| 31) Naphthalene                | 8.61 | 128 | 236117m | 38.30 | ng |        |
| 32) Benzoic acid               | 8.28 | 122 | 16957   | 15.37 | ng | # 65   |
| 33) 4-Chloroaniline            | 8.64 | 127 | 64086m  | 24.29 | ng |        |
| 34) Hexachlorobutadiene        | 8.73 | 225 | 39897   | 36.51 | ng | 98     |
| 35) Caprolactam                | 8.98 | 113 | 19499   | 38.44 | ng | 87     |
| 36) 4-Chloro-3-methylphenol    | 9.11 | 107 | 65896   | 37.38 | ng | # 73   |
| 37) 2-Methylnaphthalene        | 9.30 | 142 | 167804  | 42.07 | ng | # 91   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.48 | 216 | 73125   | 40.67 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 9.46 | 237 | 60766   | 66.79 | ng | 97     |

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.58  | 196  | 50297    | 41.11 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.61  | 196  | 51385    | 36.45 | ng #  | 94       |
| 45) 1,1'-Biphenyl              | 9.76  | 154  | 182271   | 36.26 | ng    | 93       |
| 46) 2-Chloronaphthalene        | 9.80  | 162  | 154843   | 37.96 | ng    | 95       |
| 47) 2-Nitroaniline             | 9.88  | 65   | 42470    | 37.93 | ng #  | 60       |
| 48) Acenaphthylene             | 10.22 | 152  | 259089   | 38.05 | ng    | 98       |
| 49) Dimethylphthalate          | 10.05 | 163  | 169548   | 36.50 | ng #  | 98       |
| 50) 2,6-Dinitrotoluene         | 10.12 | 165  | 37941    | 40.74 | ng #  | 56       |
| 51) Acenaphthene               | 10.39 | 154  | 164804   | 39.57 | ng    | 90       |
| 52) 3-Nitroaniline             | 10.29 | 138  | 36253    | 33.74 | ng #  | 58       |
| 53) 2,4-Dinitrophenol          | 10.40 | 184  | 30887    | 81.38 | ng #  | 39       |
| 54) Dibenzofuran               | 10.56 | 168  | 227027   | 38.41 | ng #  | 90       |
| 55) 4-Nitrophenol              | 10.44 | 139  | 69355    | 80.75 | ng #  | 56       |
| 56) 2,4-Dinitrotoluene         | 10.53 | 165  | 55209    | 46.72 | ng #  | 92       |
| 57) Fluorene                   | 10.90 | 166  | 175341   | 37.39 | ng    | 94       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.68 | 232  | 44506    | 37.40 | ng #  | 98       |
| 59) Diethylphthalate           | 10.76 | 149  | 174634   | 37.33 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.89 | 204  | 87418    | 38.79 | ng #  | 89       |
| 61) 4-Nitroaniline             | 10.90 | 138  | 44456    | 40.06 | ng #  | 55       |
| 62) Azobenzene                 | 11.05 | 77   | 180932   | 38.00 | ng    | 86       |
| 64) 4,6-Dinitro-2-methylphenol | 10.94 | 198  | 23335    | 39.37 | ng    | 96       |
| 65) n-Nitrosodiphenylamine     | 11.01 | 169  | 162975   | 39.54 | ng    | 92       |
| 66) 4-Bromophenyl-phenylether  | 11.40 | 248  | 51142    | 38.00 | ng #  | 85       |
| 67) Hexachlorobenzene          | 11.48 | 284  | 54838    | 36.67 | ng #  | 78       |
| 68) Atrazine                   | 11.53 | 200  | 49103    | 37.71 | ng    | 83       |
| 69) Pentachlorophenol          | 11.66 | 266  | 56473    | 66.63 | ng    | 98       |
| 70) Phenanthrene               | 11.89 | 178  | 274337   | 35.80 | ng    | 97       |
| 71) Anthracene                 | 11.94 | 178  | 294116   | 39.86 | ng    | 99       |
| 72) Carbazole                  | 12.09 | 167  | 247506   | 35.14 | ng    | 97       |
| 73) Di-n-butylphthalate        | 12.42 | 149  | 268333   | 32.97 | ng #  | 98       |
| 74) Fluoranthene               | 13.17 | 202  | 300774   | 36.86 | ng    | 89       |
| 76) Benzidine                  | 13.29 | 184  | 157154   | 42.95 | ng    | 97       |
| 77) Pyrene                     | 13.43 | 202  | 312099   | 38.72 | ng    | 97       |
| 79) Butylbenzylphthalate       | 14.14 | 149  | 122069   | 37.71 | ng    | 91       |
| 80) Benzo(a)anthracene         | 14.87 | 228  | 300007   | 37.62 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.81 | 252  | 68189    | 24.79 | ng #  | 95       |
| 82) Chrysene                   | 14.92 | 228  | 276385   | 37.58 | ng    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 14.85 | 149  | 175084   | 34.23 | ng #  | 89       |
| 84) Di-n-octyl phthalate       | 15.69 | 149  | 289248   | 33.00 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.64 | 276  | 327701   | 35.34 | ng #  | 89       |
| 87) Benzo(b)fluoranthene       | 16.27 | 252  | 282290   | 36.59 | ng #  | 84       |
| 88) Benzo(k)fluoranthene       | 16.30 | 252  | 296015   | 37.68 | ng #  | 86       |
| 89) Benzo(a)pyrene             | 16.72 | 252  | 284067   | 38.77 | ng #  | 85       |
| 90) Dibenzo(a,h)anthracene     | 18.67 | 278  | 273381   | 36.45 | ng #  | 83       |
| 91) Benzo(g,h,i)perylene       | 19.19 | 276  | 281755   | 37.21 | ng #  | 78       |

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

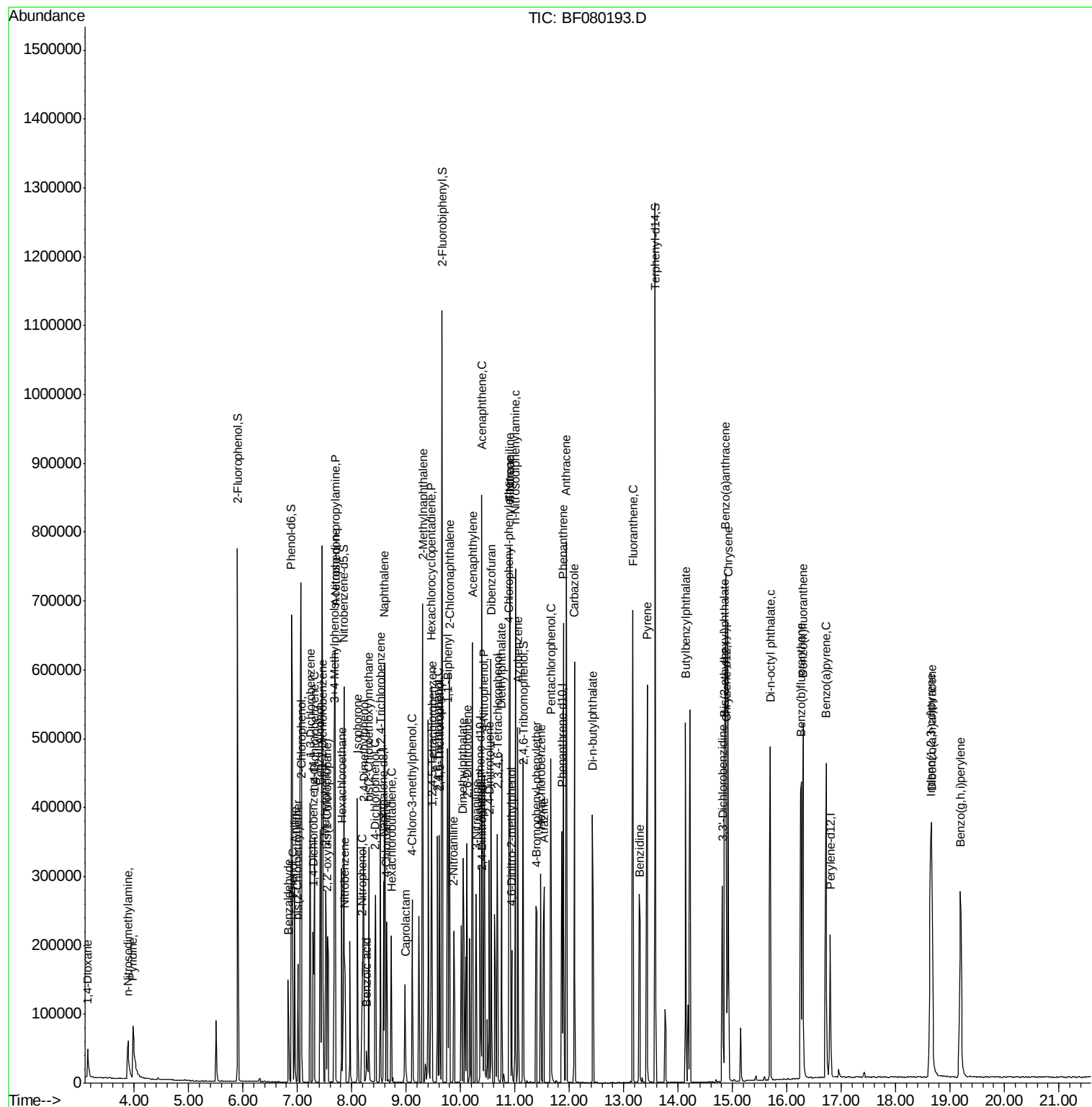
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062615\  
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

ClientSampleId :

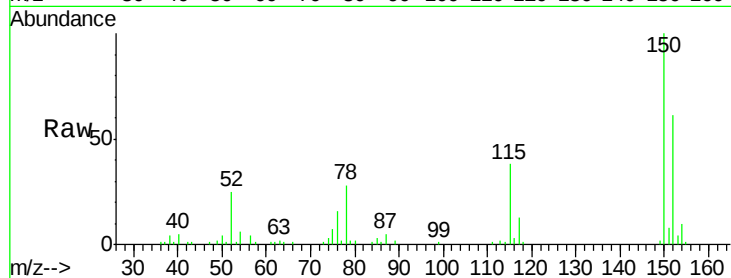
PB84223BS

Manual Integrations  
APPROVED

apatel

6/29/2015 11:38:16 AM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 162.7 | 124.7 | 187.1 |
| 115     | 62.0  | 39.0  | 58.4  |

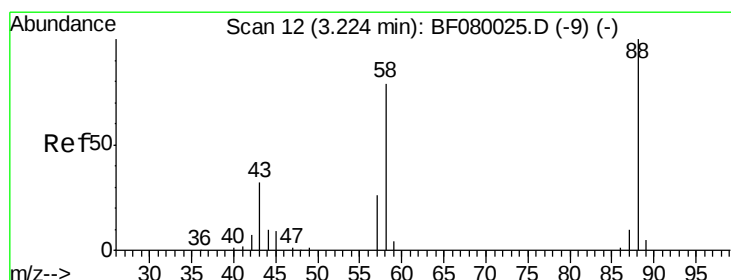
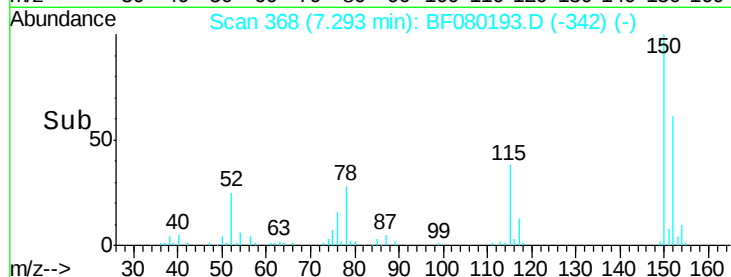
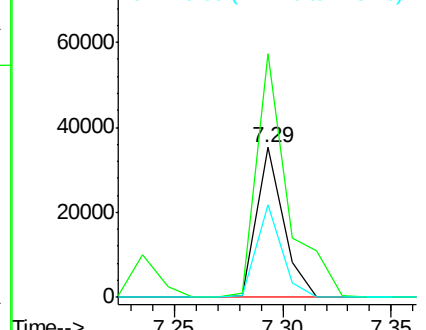


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.24 ng

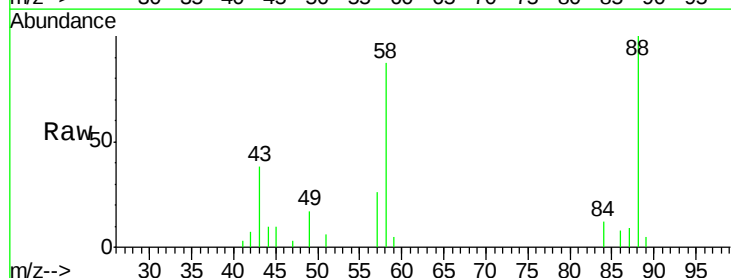
RT: 3.14 min Scan# 5

Delta R.T. 0.01 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.5  | 77.7  | 116.5 |
| 43      | 35.4  | 26.6  | 40.0  |

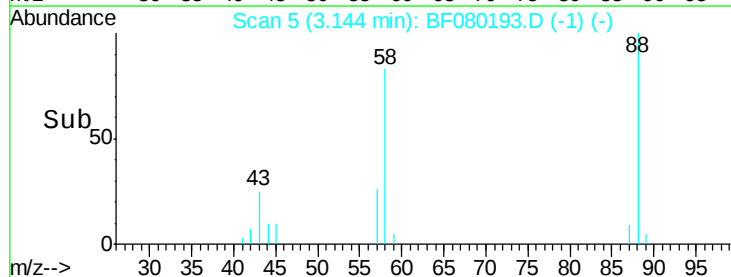
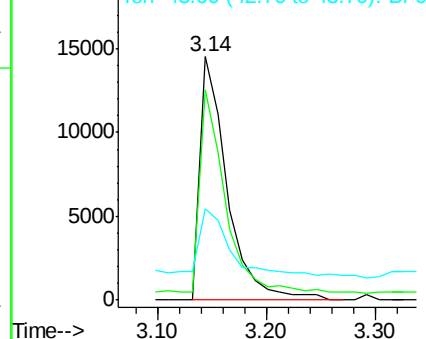


Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.43 ng

RT: 3.98 min Scan# 78

Delta R.T. 0.02 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

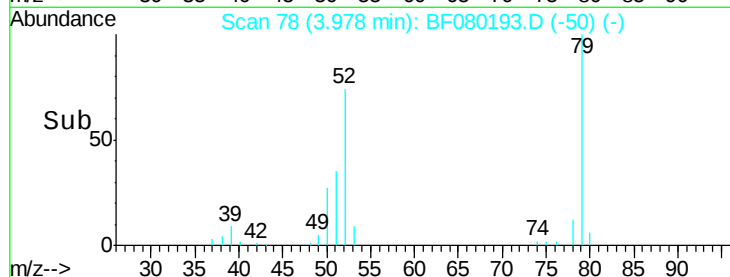
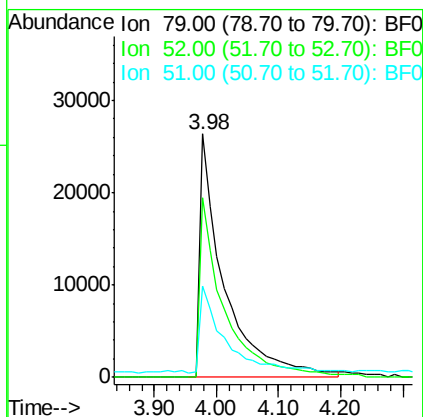
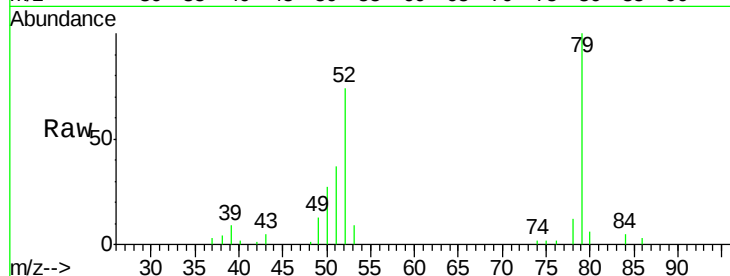
ClientSampleId :

PB84223BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 71791  |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 73.9  | 76.8  | 115.2# |
| 51        | 37.2  | 32.2  | 48.4   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.84 ng

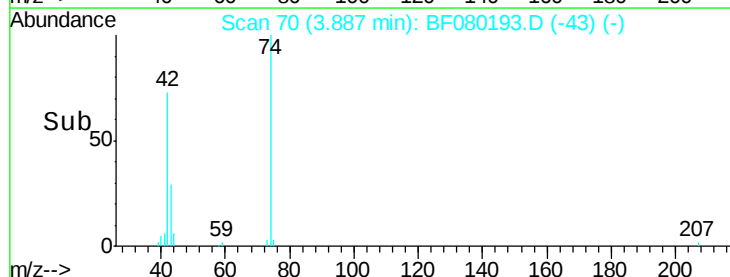
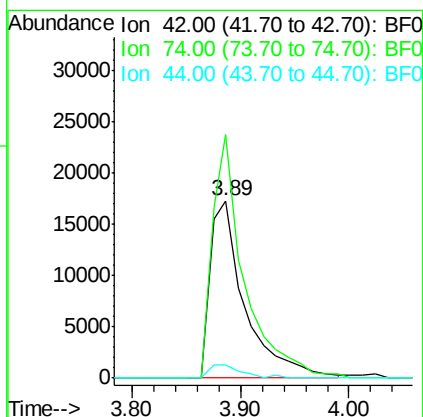
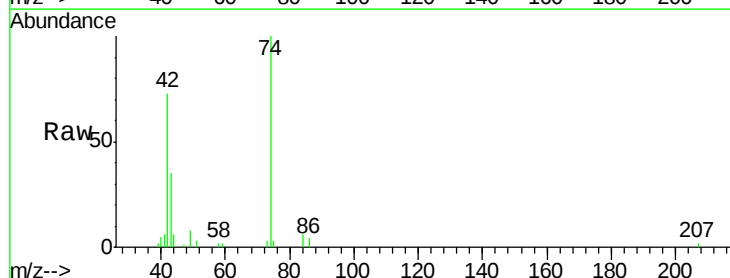
RT: 3.89 min Scan# 70

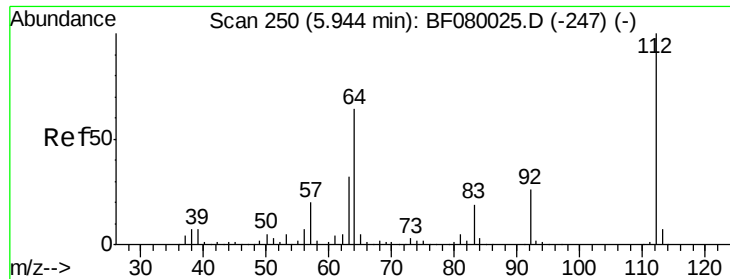
Delta R.T. 0.01 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 38613 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 137.1 | 105.0 | 157.6 |
| 44        | 7.8   | 6.6   | 10.0  |





#5

2-Fluorophenol

Concen: 124.54 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080193.D

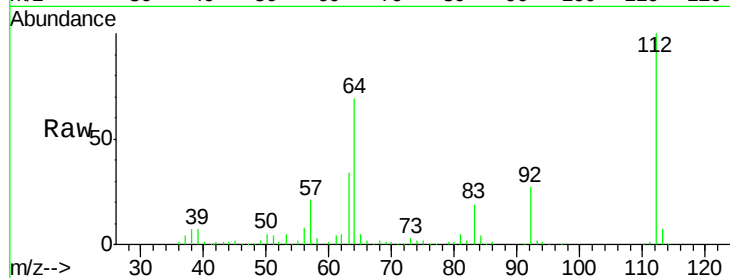
Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

ClientSampleId :

PB84223BS



Tgt Ion: 112 Resp: 211562

Ion Ratio Lower Upper

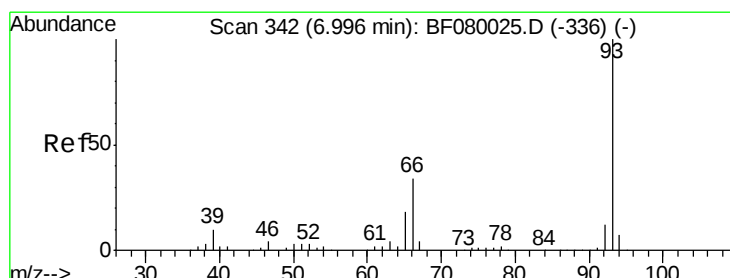
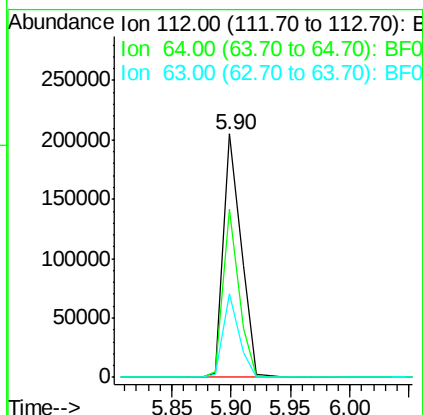
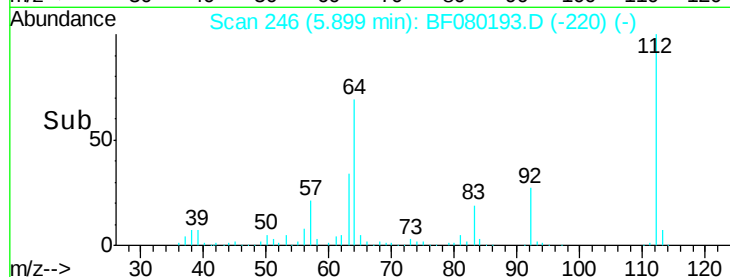
112 100

64 69.0 39.7 59.5#

63 34.3 17.4 26.0#

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#6

Aniline

Concen: 30.06 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

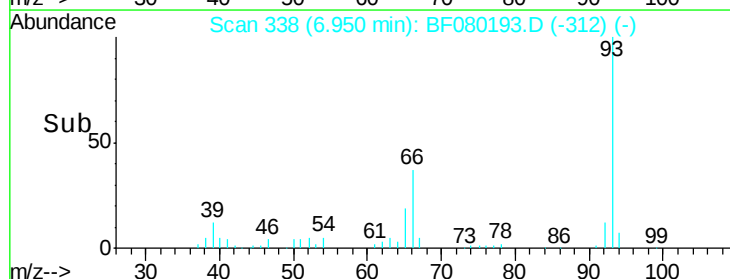
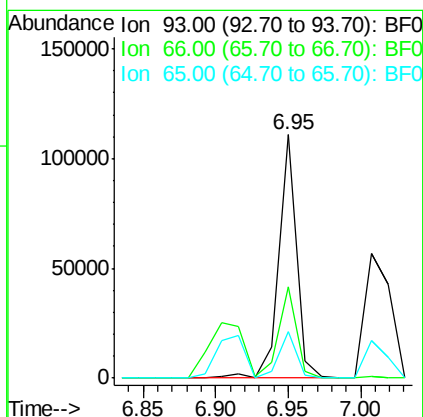
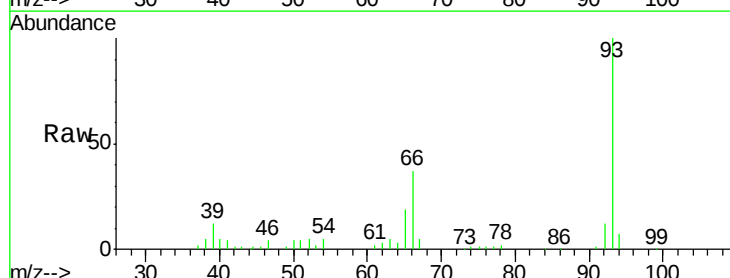
Tgt Ion: 93 Resp: 93489

Ion Ratio Lower Upper

93 100

66 37.4 27.2 40.8

65 19.1 14.7 22.1





#7

Phenol-d6

Concen: 120.28 ng

RT: 6.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF080193.D

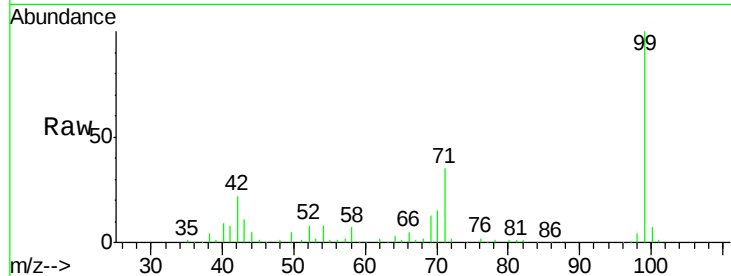
Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

ClientSampleId :

PB84223BS



Tgt Ion: 99 Resp: 271888

Ion Ratio Lower Upper

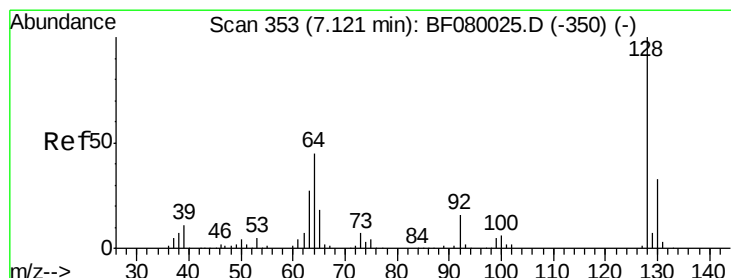
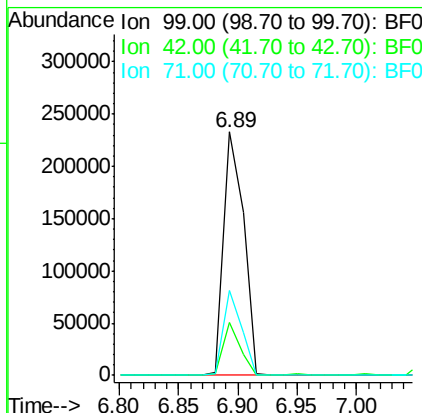
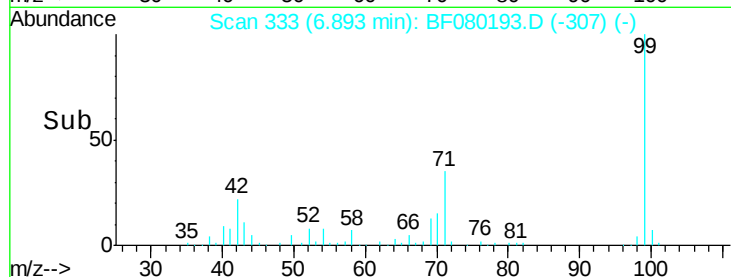
99 100

42 22.0 13.7 20.5#

71 34.7 14.2 21.2#

Manual Integrations  
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apatel  
6/29/2015 11:38:16 AM



#8

2-Chlorophenol

Concen: 41.58 ng

RT: 7.08 min Scan# 349

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

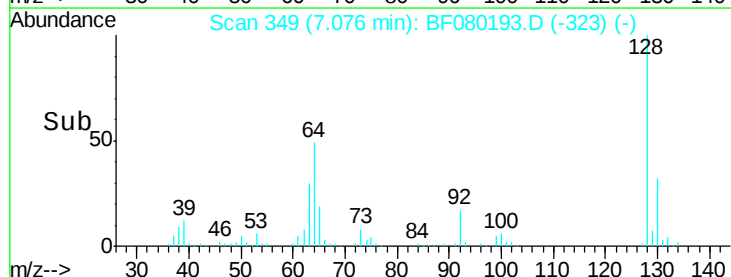
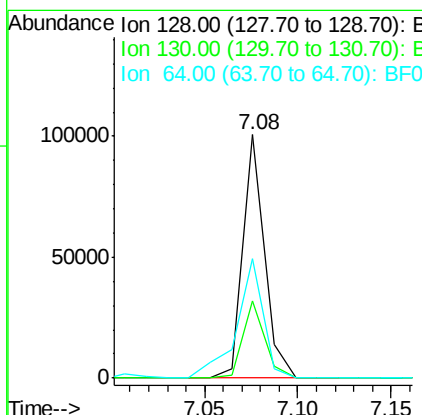
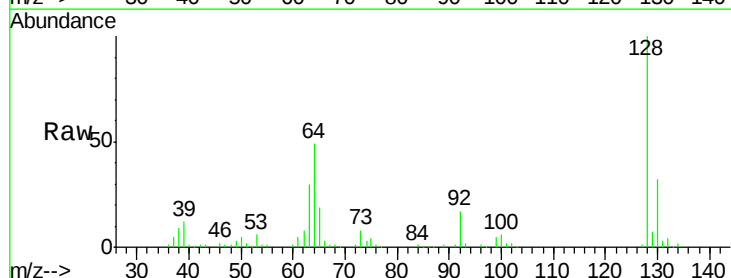
Tgt Ion: 128 Resp: 81636

Ion Ratio Lower Upper

128 100

130 31.8 12.2 52.2

64 49.2 20.5 60.5





#9

Benzaldehyde

Concen: 25.01 ng

RT: 6.84 min Scan# 328

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

ClientSampleId :

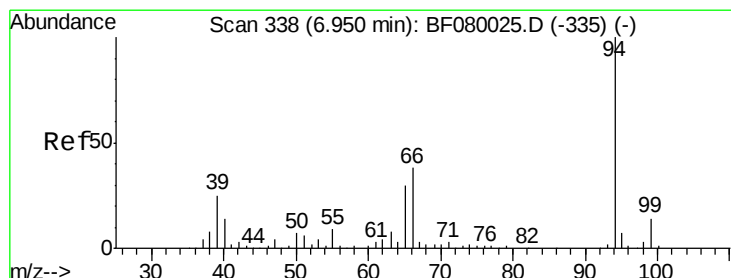
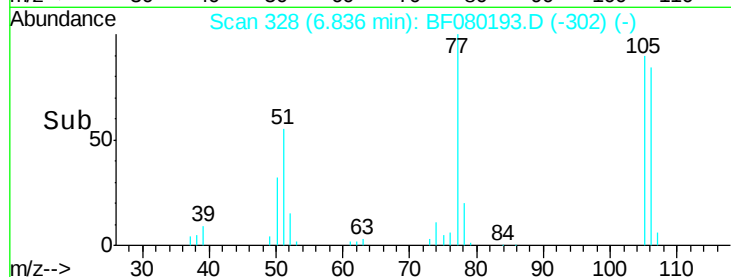
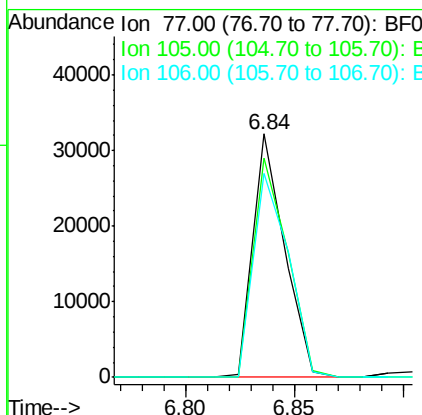
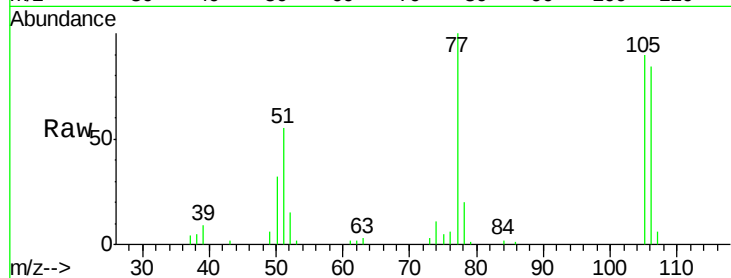
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 32639  |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 90.1  | 91.6  | 131.6# |
| 106      | 83.7  | 102.6 | 142.6# |



#10

Phenol

Concen: 36.97 ng

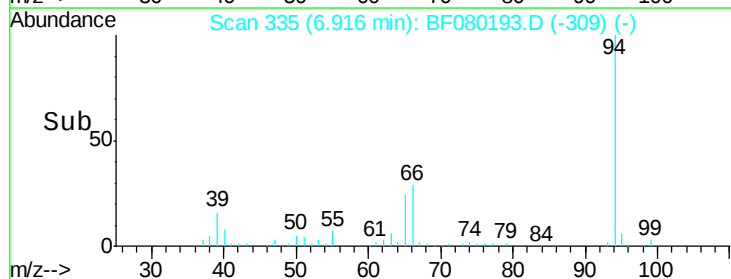
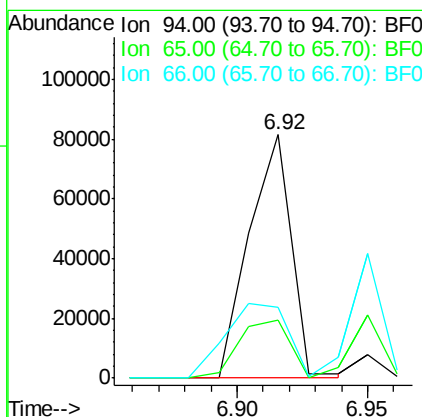
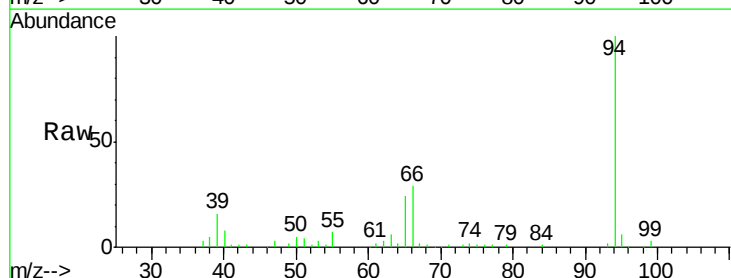
RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 91203 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 23.8  | 0.7   | 40.7  |
| 66       | 28.9  | 0.8   | 40.8  |





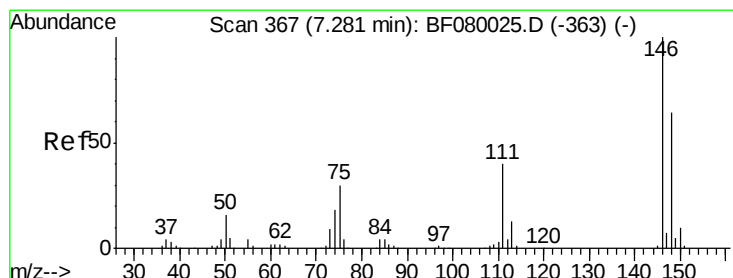
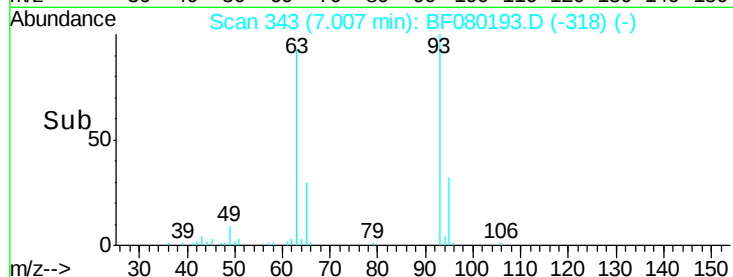
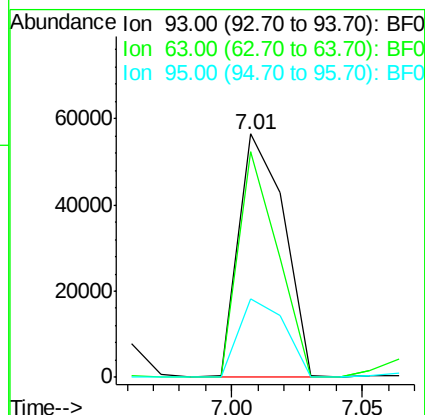
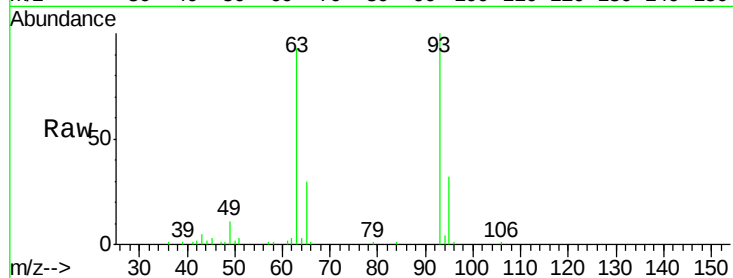
#11  
bis(2-Chloroethyl)ether  
Concen: 35.01 ng  
RT: 7.01 min Scan# 343  
Delta R.T. -0.01 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 68515 |       |       |
| 63      | 92.8  | 65.6  | 105.6 |       |
| 95      | 32.1  | 13.6  | 53.6  |       |

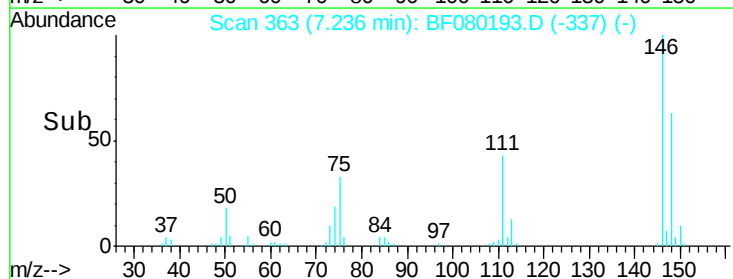
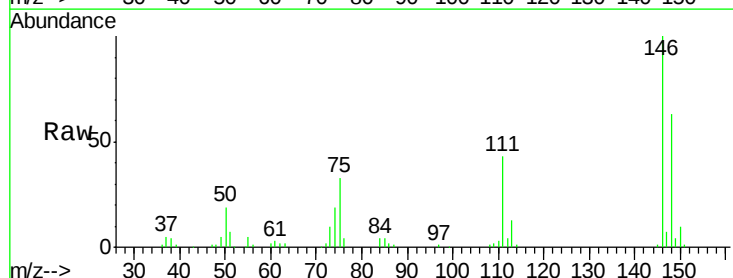
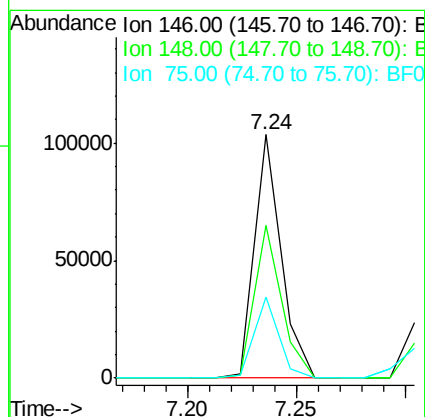
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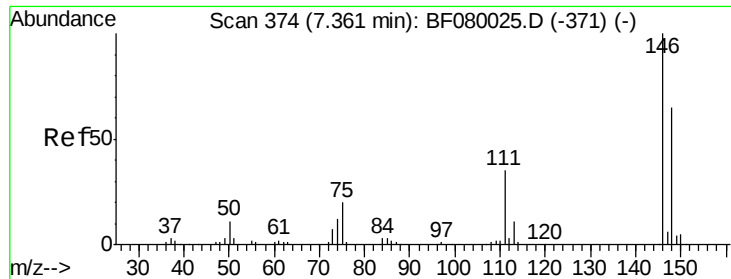
apatel  
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#12  
1,3-Dichlorobenzene  
Concen: 37.35 ng  
RT: 7.24 min Scan# 363  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 146     | 100   | 88091 |       |       |
| 148     | 62.8  | 51.0  | 76.4  |       |
| 75      | 33.3  | 15.0  | 22.6  |       |





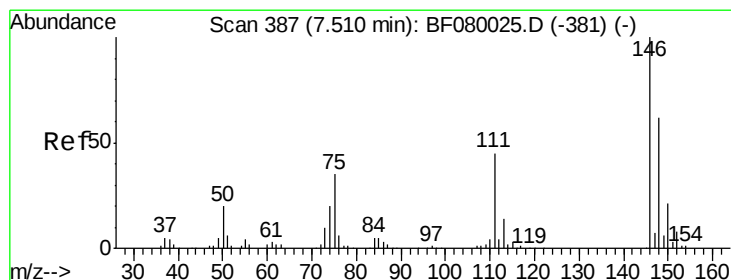
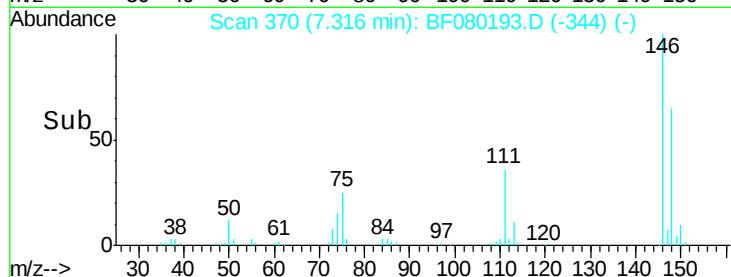
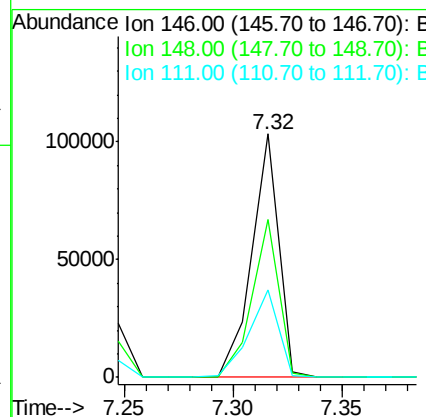
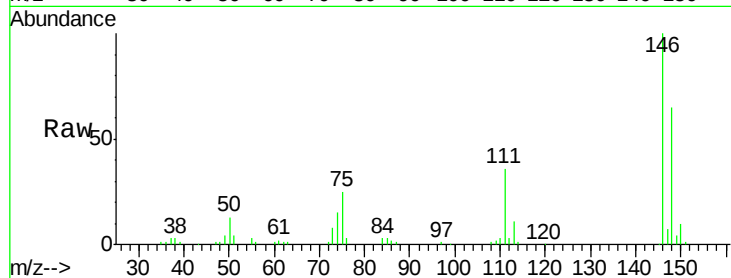
#13  
 1,4-Dichlorobenzene  
 Concen: 39.60 ng  
 RT: 7.32 min Scan# 370  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.8  | 77.6  |
| 111     | 35.9  | 24.9  | 37.3  |

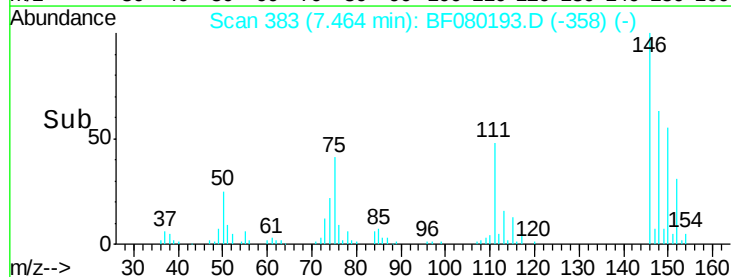
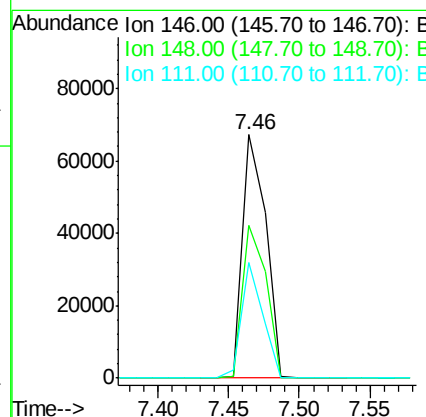
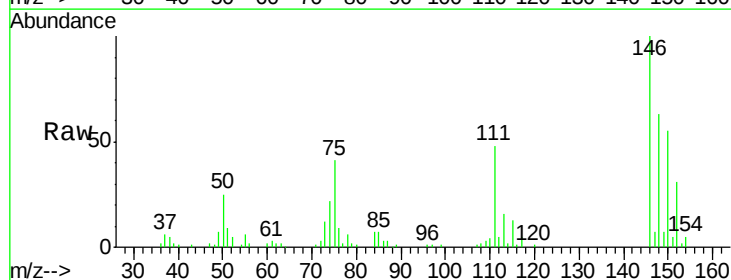
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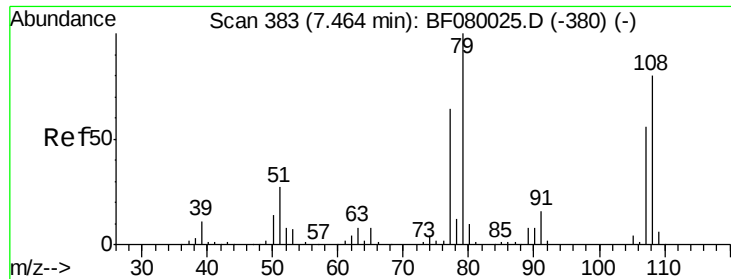
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#14  
 1,2-Dichlorobenzene  
 Concen: 35.77 ng m  
 RT: 7.46 min Scan# 383  
 Delta R.T. -0.01 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.9  | 52.7  | 79.1  |
| 111     | 47.6  | 28.8  | 43.2# |





#15

Benzyl Alcohol

Concen: 37.78 ng

RT: 7.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

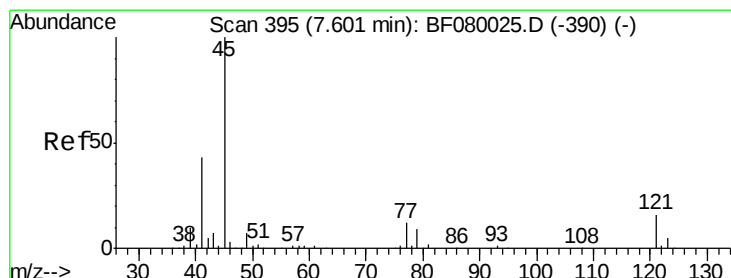
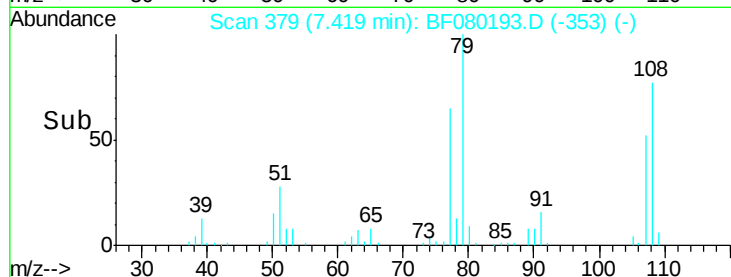
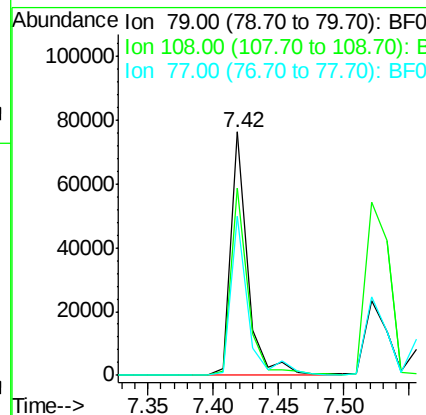
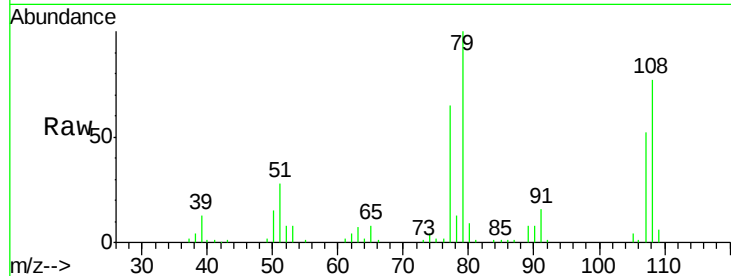
ClientSampleId :

PB84223BS

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 79      | 100   |       |        |
| 108     | 76.9  | 88.6  | 132.8# |
| 77      | 65.2  | 47.0  | 70.4   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.16 ng

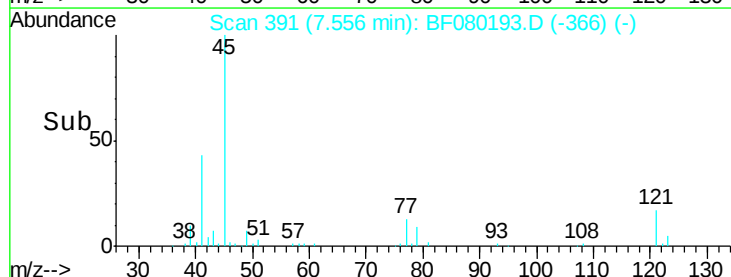
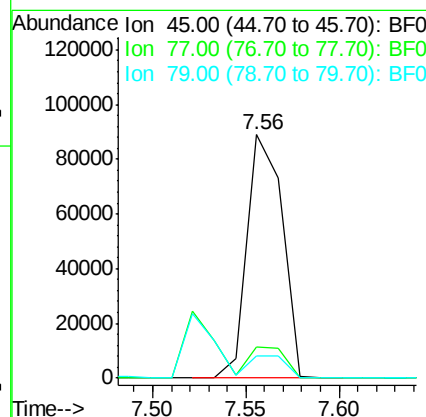
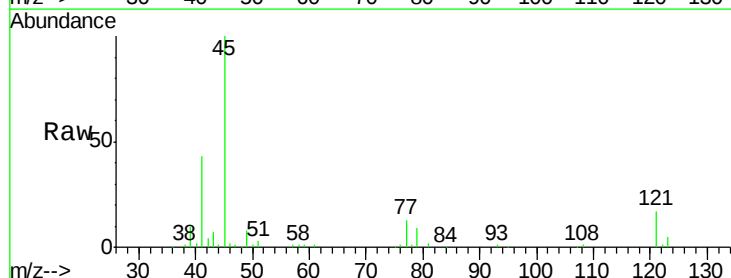
RT: 7.56 min Scan# 391

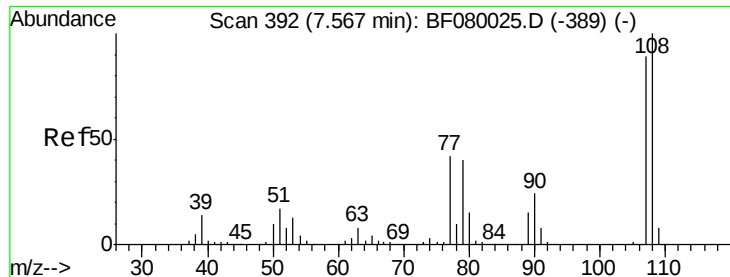
Delta R.T. -0.01 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.8  | 0.0   | 28.1  |
| 79      | 9.1   | 0.0   | 26.0  |





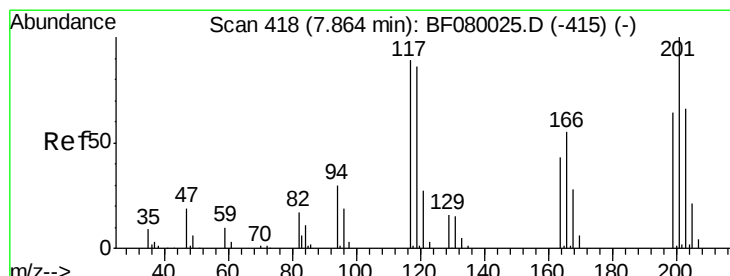
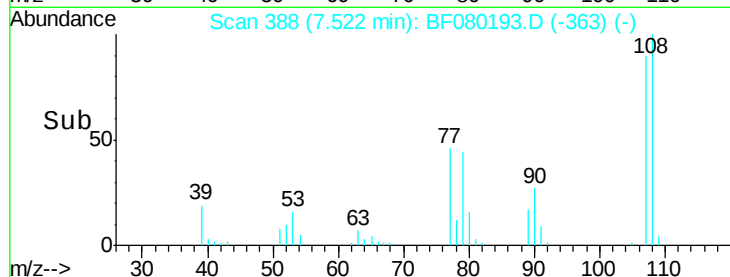
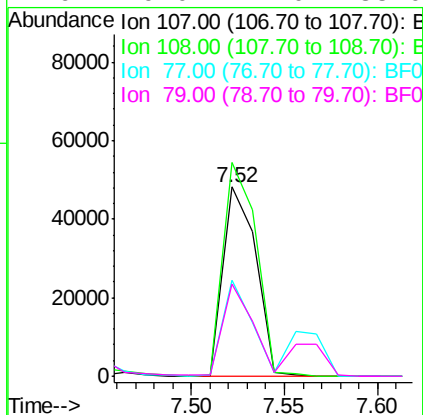
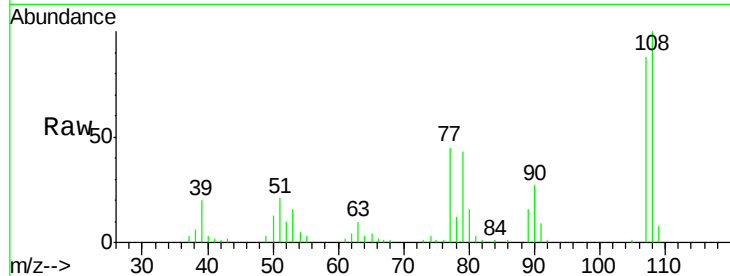
#17  
2-Methylphenol  
Concen: 35.37 ng  
RT: 7.52 min Scan# 388  
Delta R.T. -0.01 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 59314 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 113.0 | 96.6  | 145.0 |
| 77        | 50.8  | 23.3  | 34.9# |
| 79        | 49.0  | 22.0  | 33.0# |

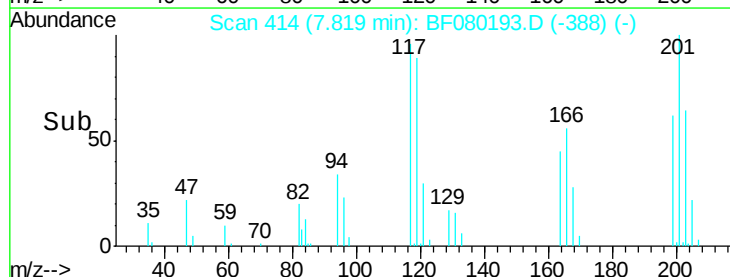
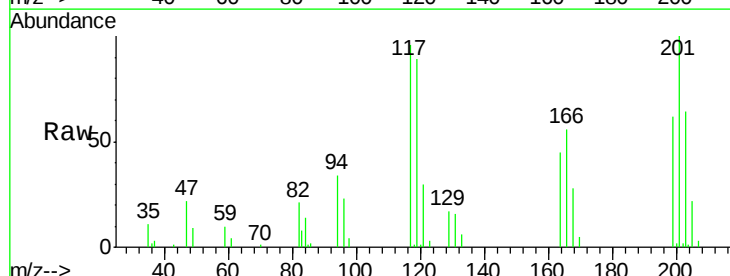
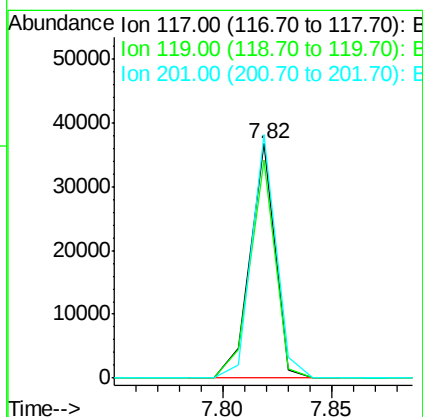
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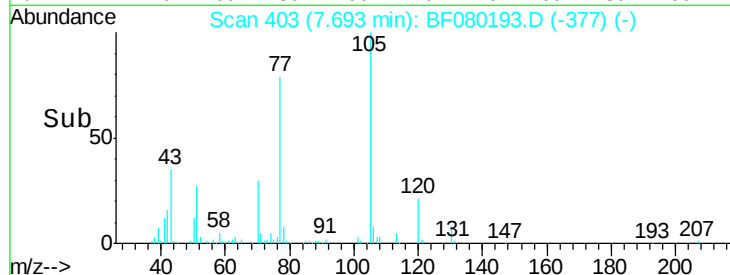
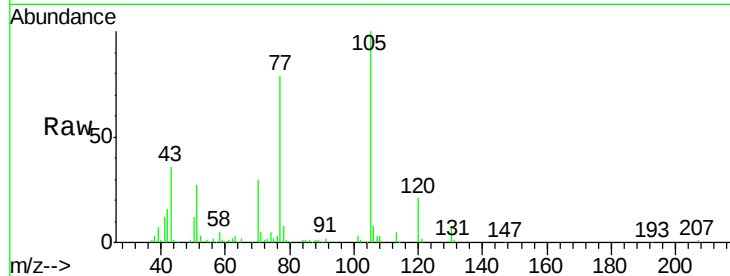
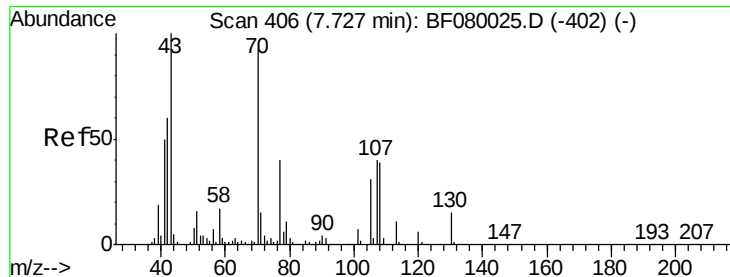
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#18  
Hexachloroethane  
Concen: 39.24 ng  
RT: 7.82 min Scan# 414  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 29310 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 92.8  | 83.8  | 125.6 |
| 201       | 103.8 | 55.1  | 82.7# |





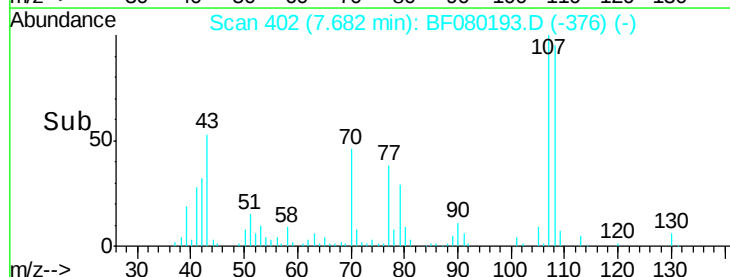
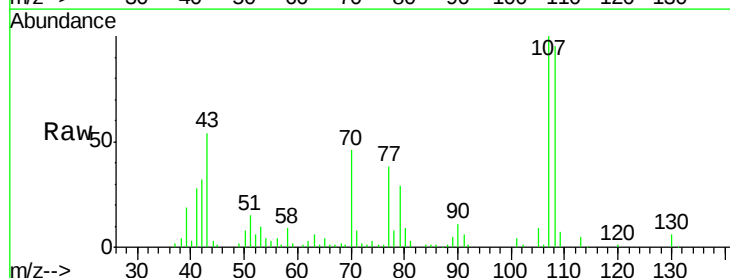
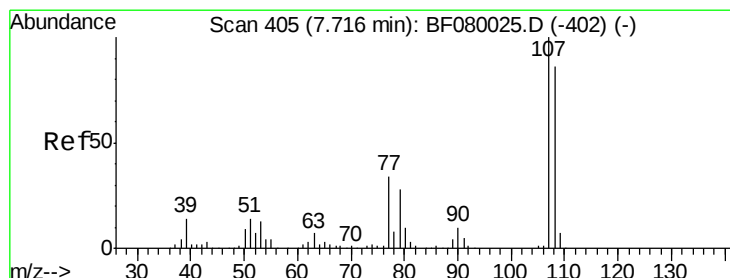
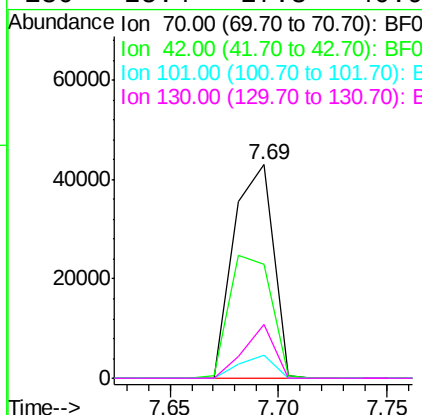
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.50 ng  
RT: 7.69 min Scan# 403  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

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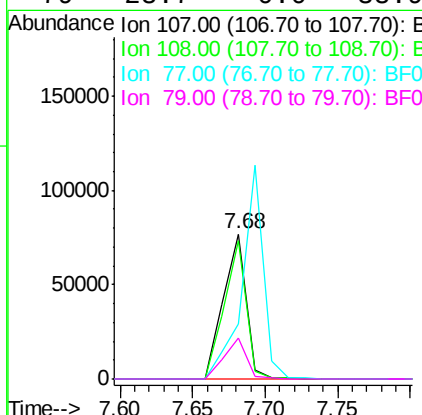
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| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 53.2 | 63.8  | 95.6# |       |
| 101     | 10.9 | 9.2   | 13.8  |       |
| 130     | 25.4 | 27.3  | 40.9# |       |



#20  
3+4-Methylphenols  
Concen: 38.88 ng  
RT: 7.68 min Scan# 402  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 95.0 | 74.6  | 114.6 |       |
| 77      | 38.0 | 0.7   | 40.7  |       |
| 79      | 28.7 | 0.0   | 38.9  |       |





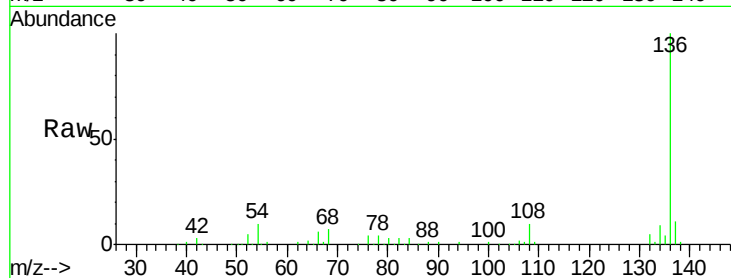
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.58 min Scan# 481  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

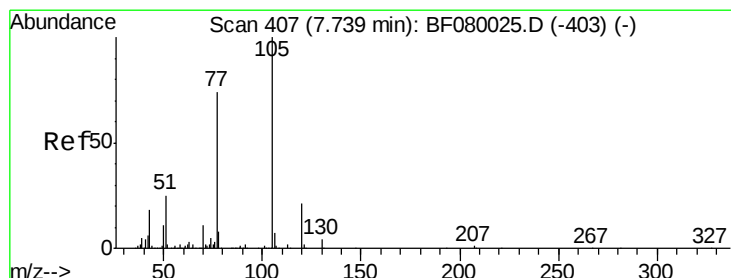
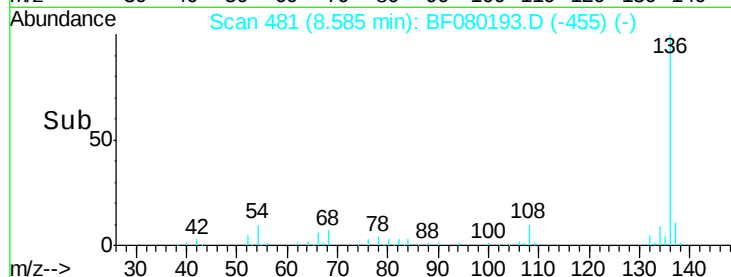
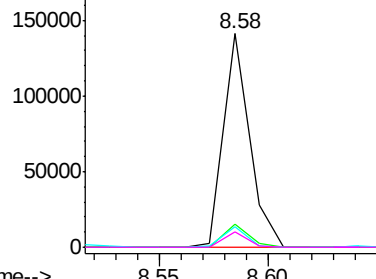
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 117929 |       |       |
| 137     | 11.0  | 9.0    | 13.6  |       |
| 54      | 9.7   | 8.2    | 12.2  |       |
| 68      | 7.1   | 5.8    | 8.6   |       |

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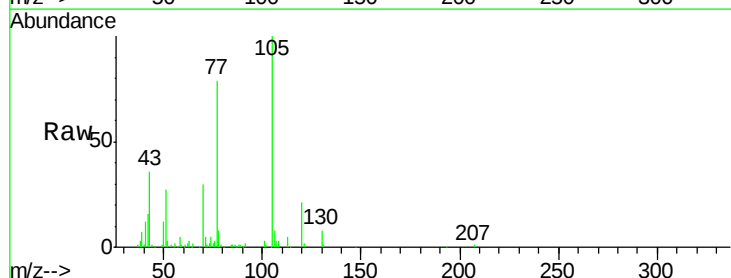


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

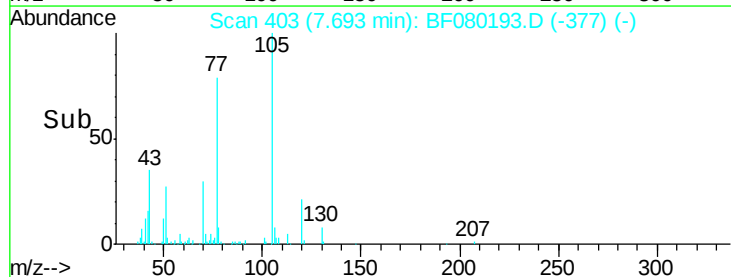
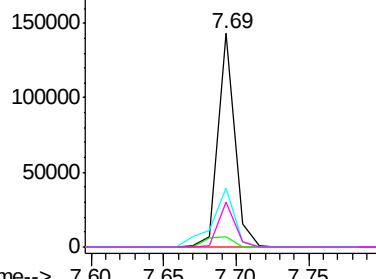


#22  
Acetophenone  
Concen: 41.62 ng  
RT: 7.69 min Scan# 403  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 114387 |       |       |
| 71      | 4.8   | 4.7    | 7.1   |       |
| 51      | 27.5  | 22.0   | 33.0  |       |
| 120     | 20.9  | 30.1   | 45.1  | #     |



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





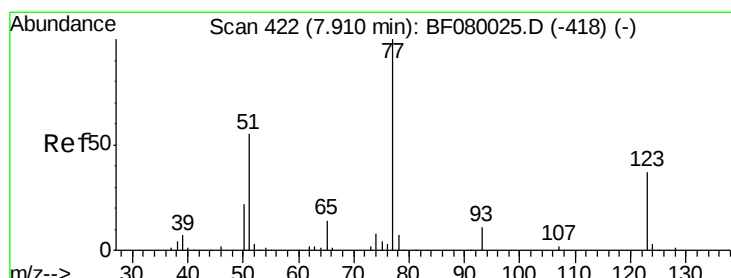
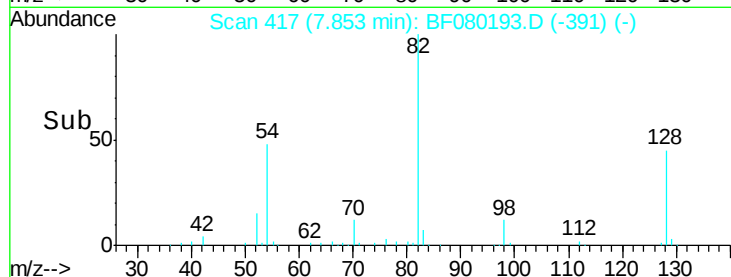
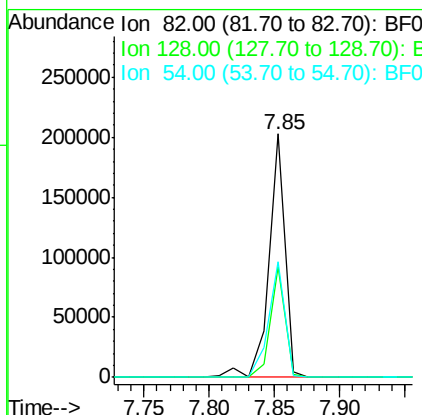
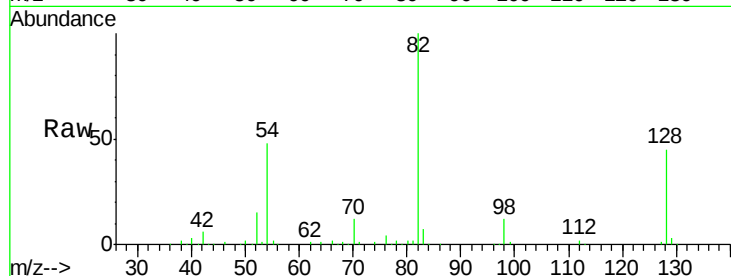
#23  
 Nitrobenzene-d5  
 Concen: 86.69 ng  
 RT: 7.85 min Scan# 417  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.2  | 51.0  | 76.6# |
| 54      | 47.7  | 47.5  | 71.3  |

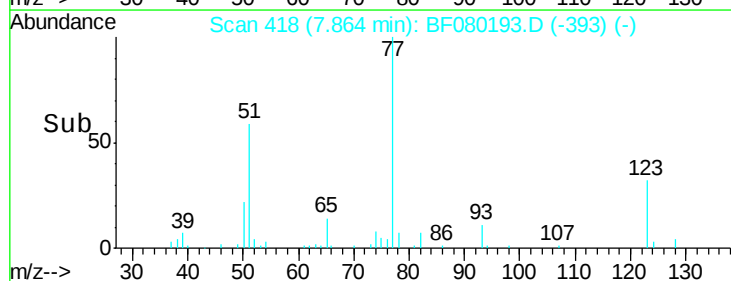
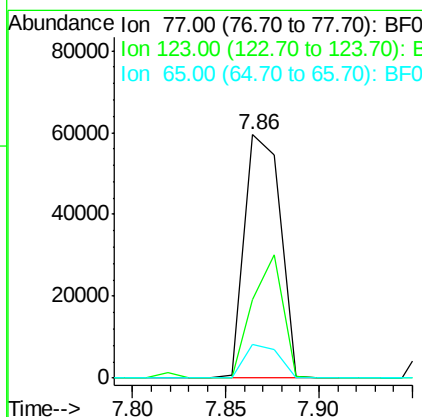
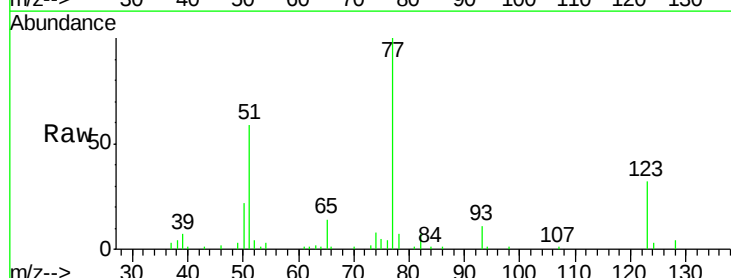
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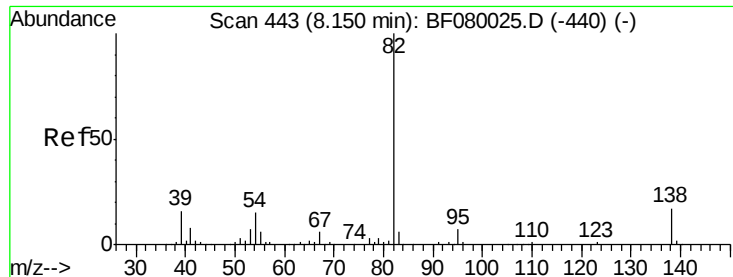
apatel  
 6/29/2015 11:38:16 AM



#24  
 Nitrobenzene  
 Concen: 37.82 ng  
 RT: 7.86 min Scan# 418  
 Delta R.T. -0.01 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 32.4  | 59.8  | 89.8# |
| 65      | 14.0  | 10.2  | 15.4  |





#25

Isophorone

Concen: 37.80 ng

RT: 8.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

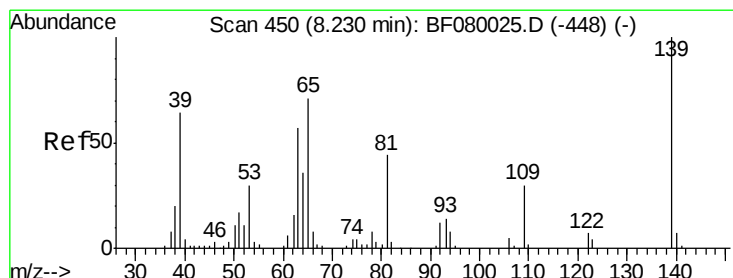
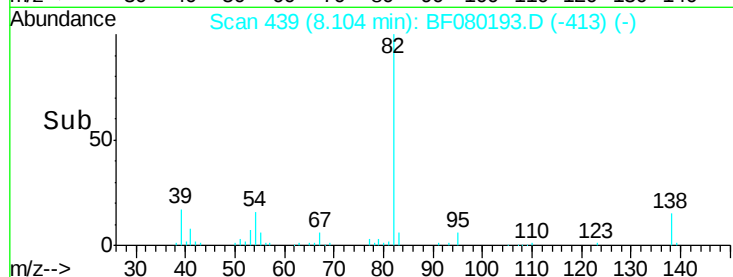
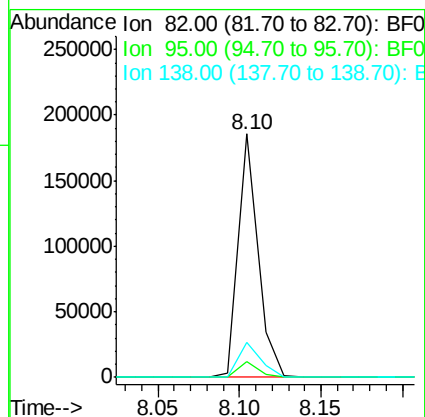
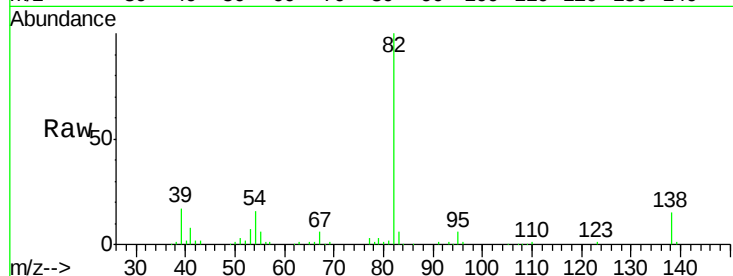
ClientSampleId :

PB84223BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 154118 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.3  | 4.0   | 6.0#   |
| 138       | 14.6 | 18.3  | 27.5#  |

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#26

2-Nitrophenol

Concen: 42.36 ng

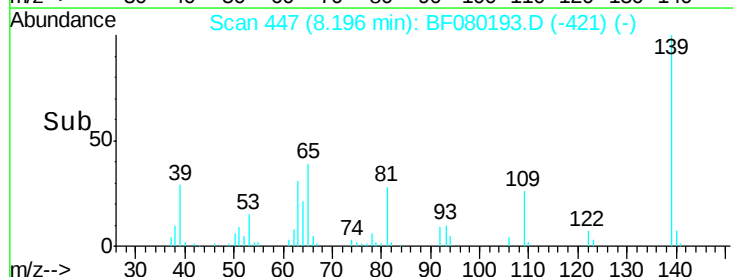
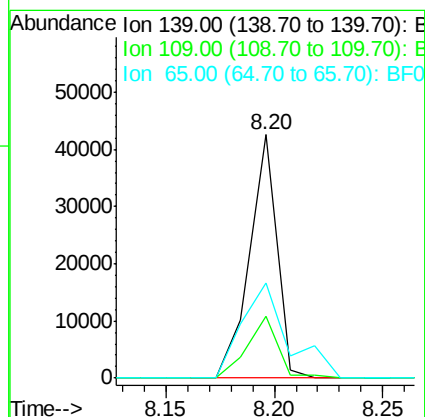
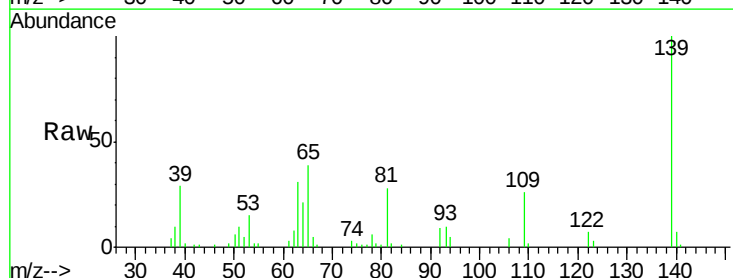
RT: 8.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 37069 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 25.6 | 11.0  | 16.4# |
| 65        | 39.1 | 24.7  | 37.1# |





#27

2,4-Dimethylphenol

Concen: 37.97 ng

RT: 8.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

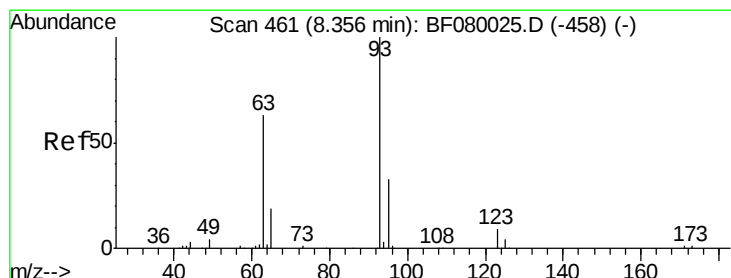
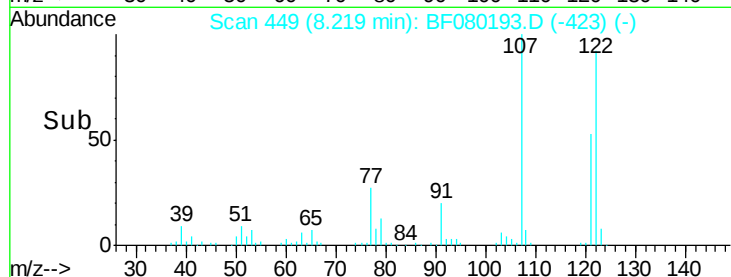
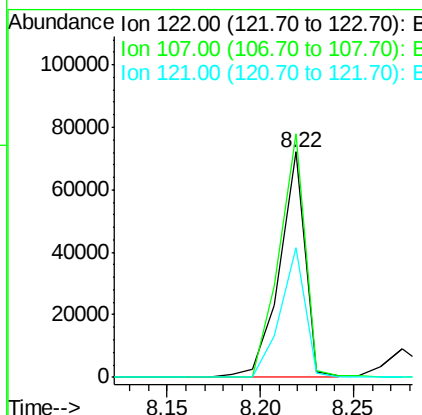
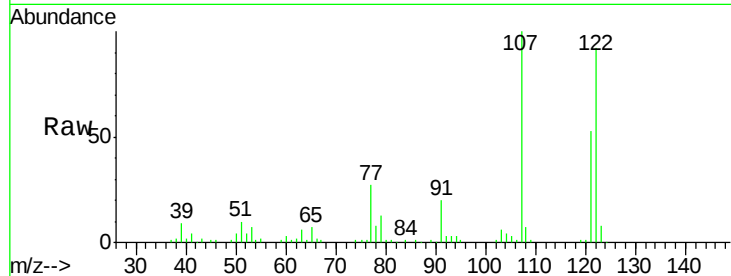
ClientSampleId :

PB84223BS

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 108.2 | 71.8  | 107.6# |
| 121     | 57.8  | 42.3  | 63.5   |

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#28

bis(2-Chloroethoxy)methane

Concen: 39.82 ng

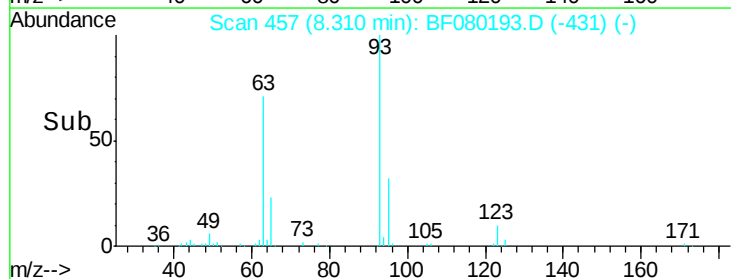
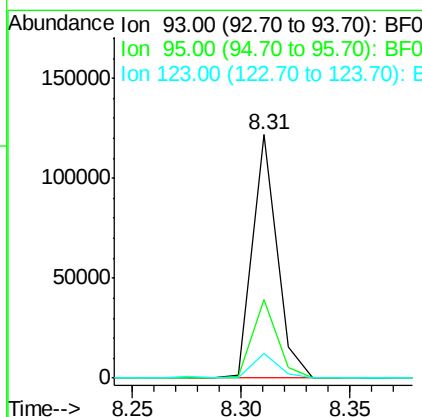
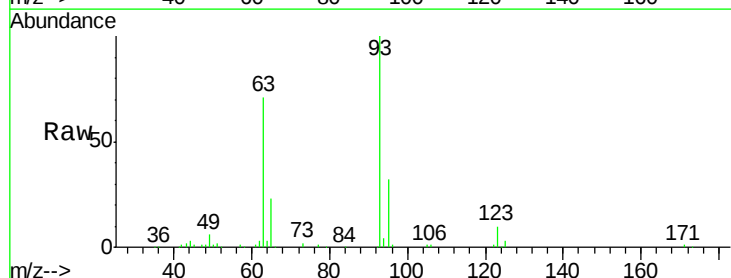
RT: 8.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 27.5  | 41.3  |
| 123     | 10.0  | 13.7  | 20.5# |





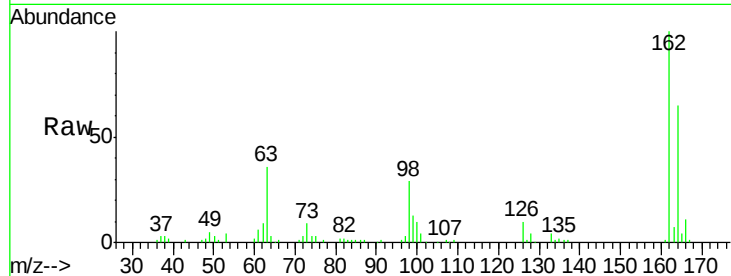
#29  
2,4-Dichlorophenol  
Concen: 42.05 ng  
RT: 8.44 min Scan# 468  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

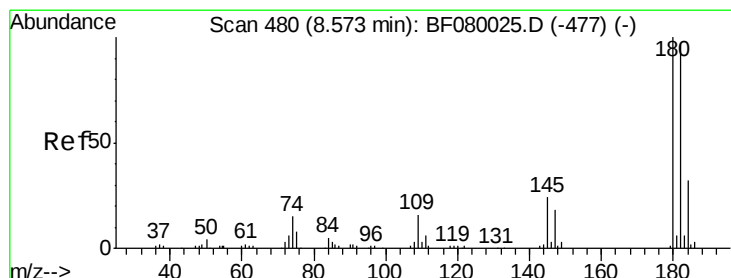
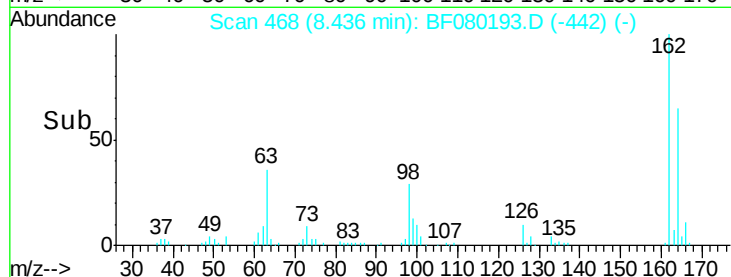
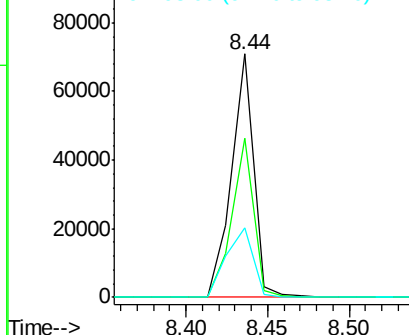
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 65708 |       |       |
| 164     | 65.3  | 44.9  | 84.9  |       |
| 98      | 28.7  | 13.0  | 53.0  |       |

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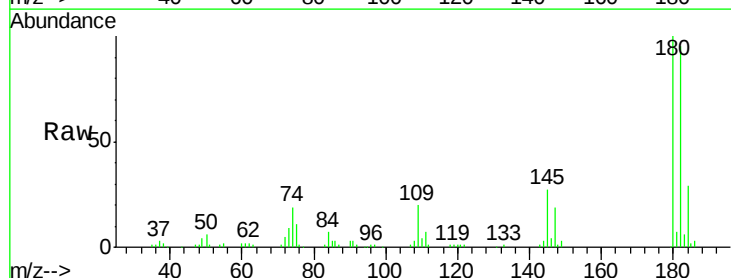


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

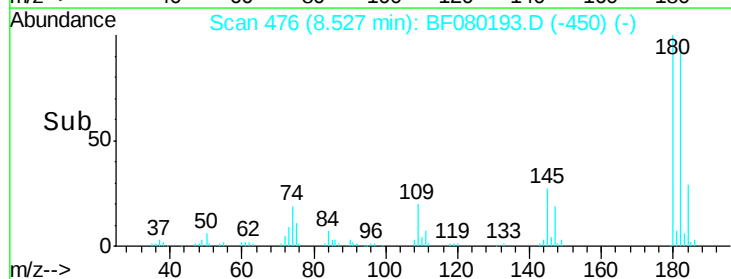
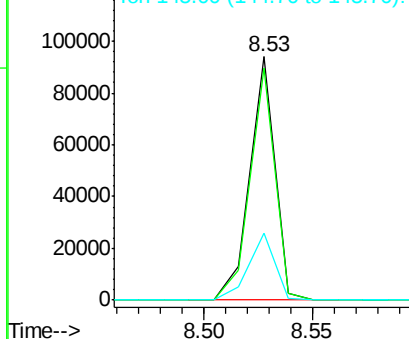


#30  
1,2,4-Trichlorobenzene  
Concen: 42.45 ng  
RT: 8.53 min Scan# 476  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 75340 |       |       |
| 182     | 95.1  | 77.1  | 115.7 |       |
| 145     | 27.5  | 23.3  | 34.9  |       |



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





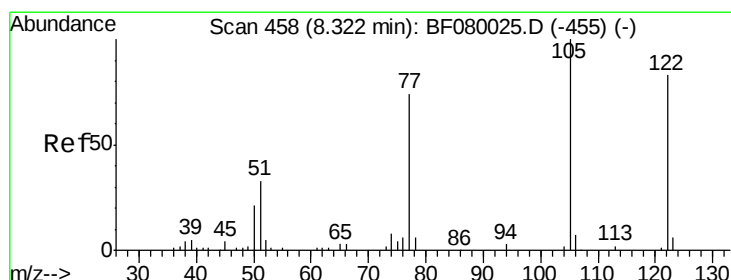
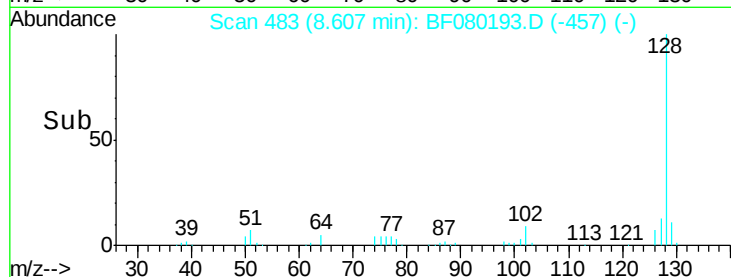
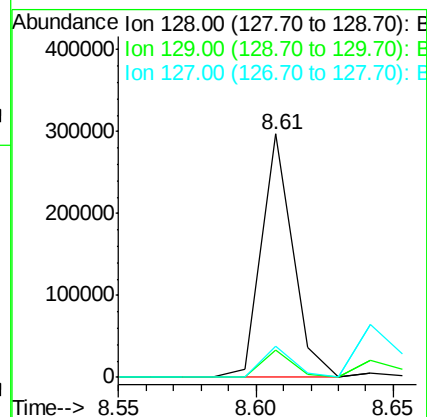
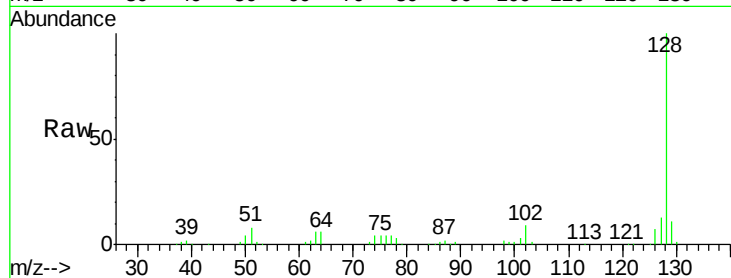
#31  
Naphthalene  
Concen: 38.30 ng m  
RT: 8.61 min Scan# 483  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 236117 |       |       |
| 129     | 11.2  | 8.4    | 12.6  |       |
| 127     | 12.6  | 9.9    | 14.9  |       |

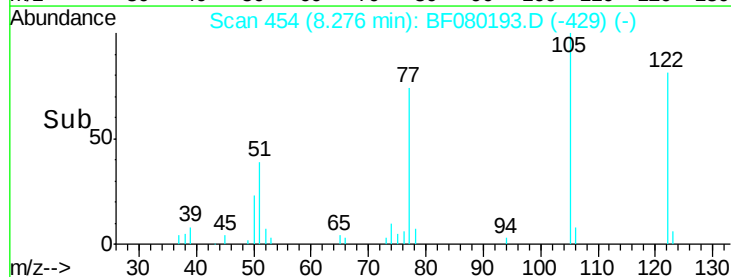
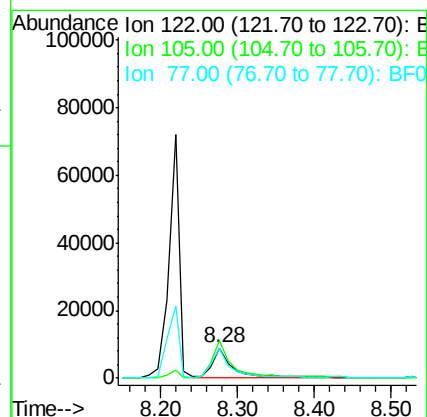
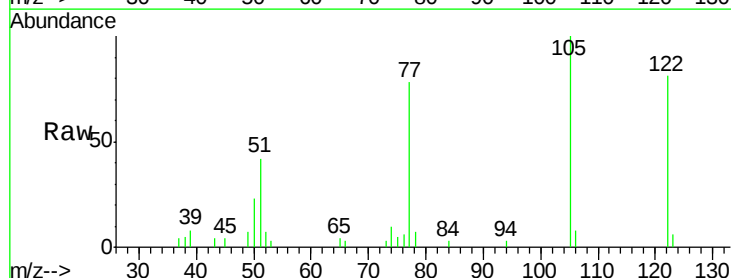
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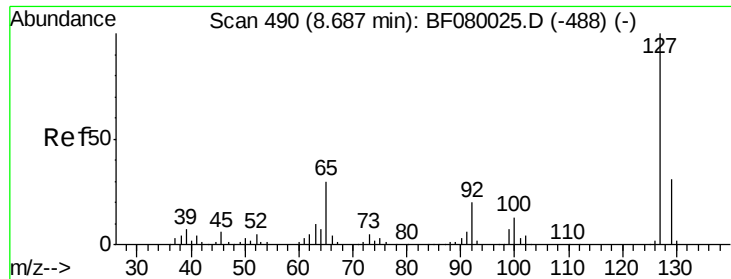
apatel  
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#32  
Benzoic acid  
Concen: 15.37 ng  
RT: 8.28 min Scan# 454  
Delta R.T. -0.01 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 122     | 100   | 16957 |        |       |
| 105     | 123.6 | 76.1  | 116.1# |       |
| 77      | 96.0  | 40.5  | 80.5#  |       |





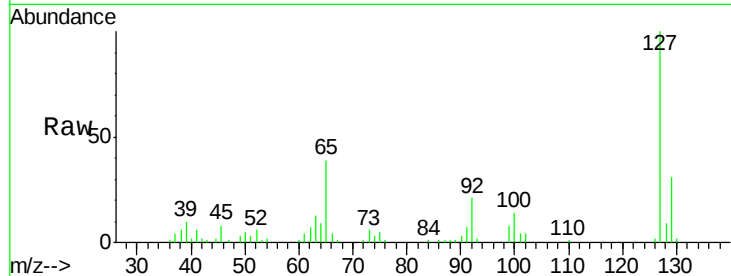
#33  
4-Chloroaniline  
Concen: 24.29 ng m  
RT: 8.64 min Scan# 486  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampled :  
PB84223BS

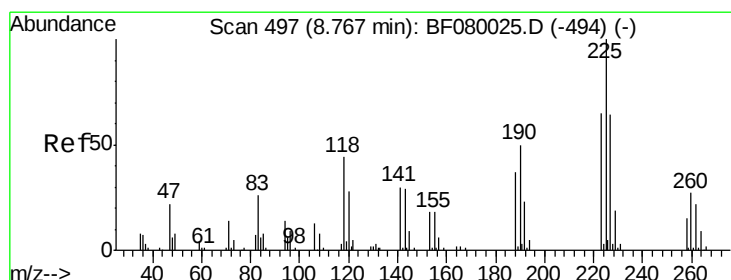
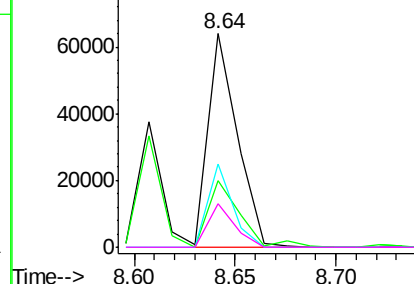
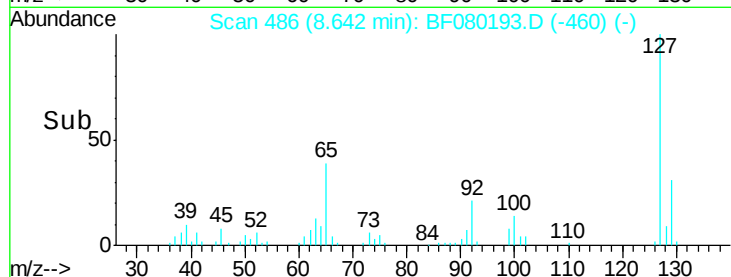
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.5  | 25.8  | 38.6  |
| 65      | 38.8  | 17.9  | 26.9# |
| 92      | 20.6  | 10.5  | 15.7# |

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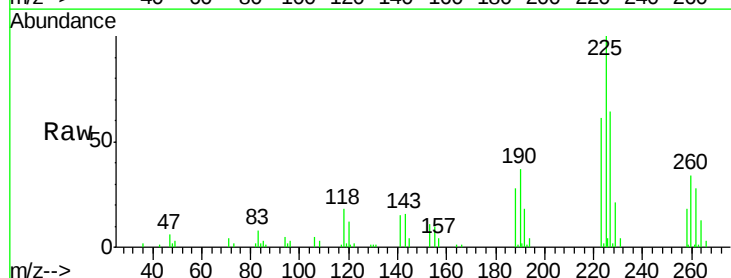


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

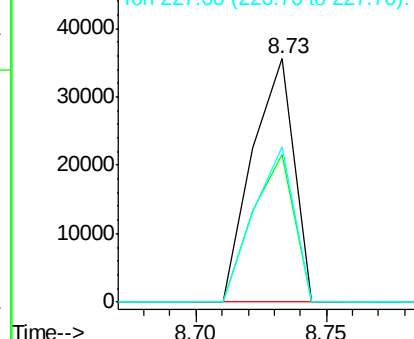
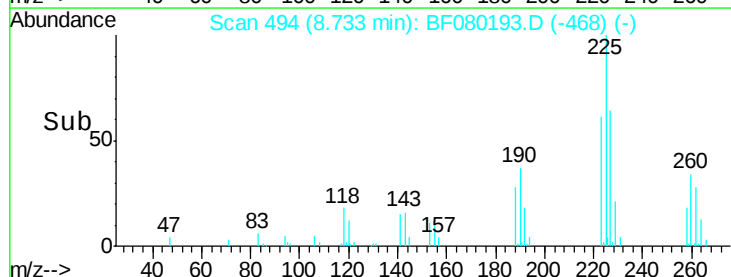


#34  
Hexachlorobutadiene  
Concen: 36.51 ng  
RT: 8.73 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.9  | 50.2  | 75.2  |
| 227     | 63.7  | 52.2  | 78.2  |



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





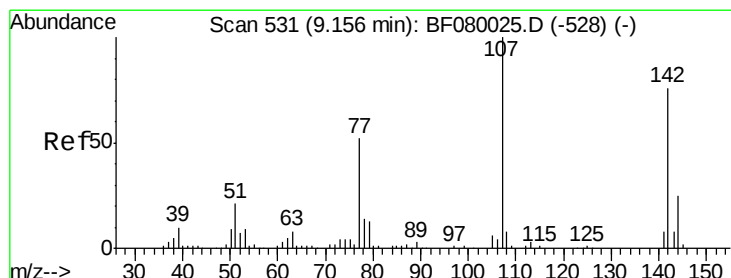
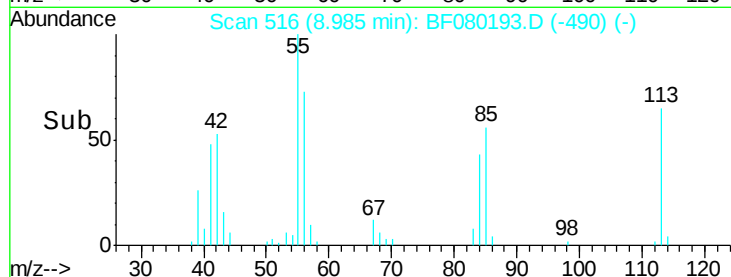
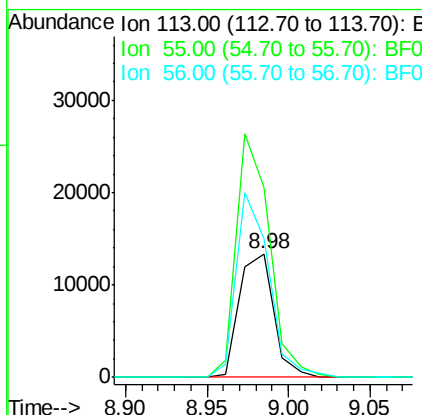
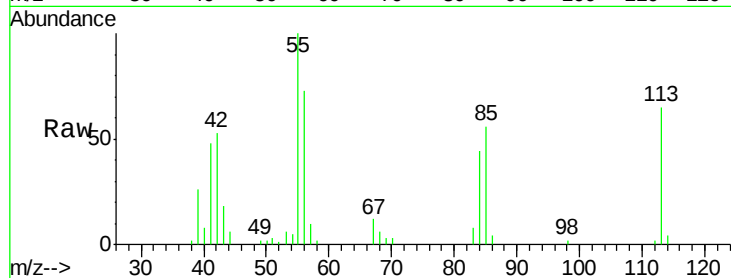
#35  
 Caprolactam  
 Concen: 38.44 ng  
 RT: 8.98 min Scan# 516  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

Tgt Ion:113 Resp: 19499  
 Ion Ratio Lower Upper  
 113 100  
 55 153.2 152.4 192.4  
 56 112.3 104.6 144.6

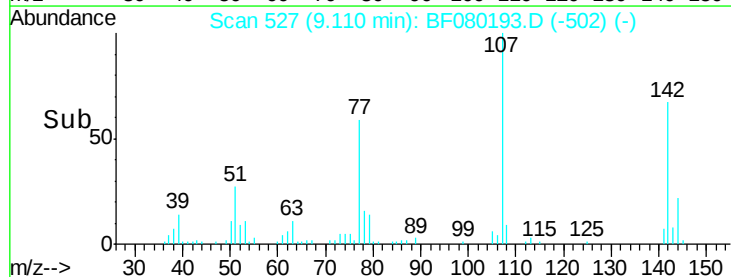
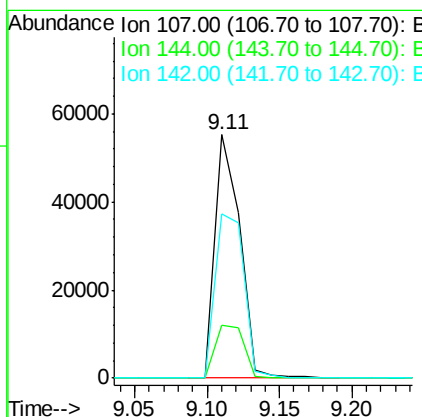
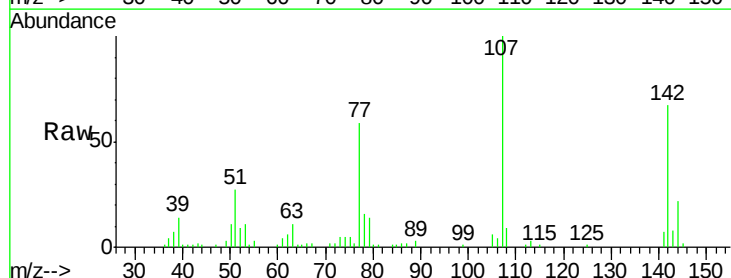
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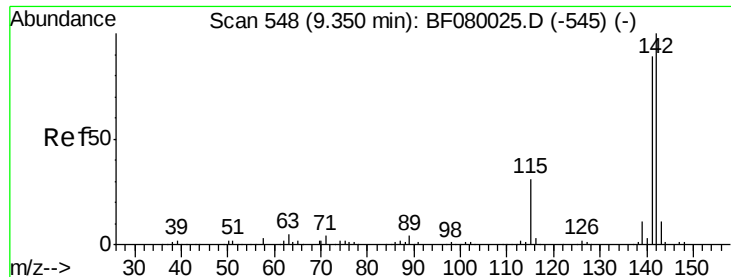
apatel  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 37.38 ng  
 RT: 9.11 min Scan# 527  
 Delta R.T. -0.01 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Tgt Ion:107 Resp: 65896  
 Ion Ratio Lower Upper  
 107 100  
 144 21.7 25.4 38.0#  
 142 67.4 77.3 115.9#





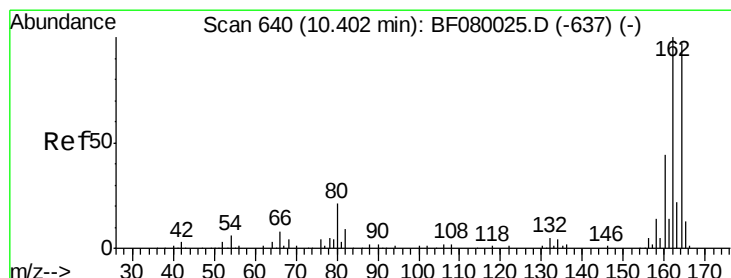
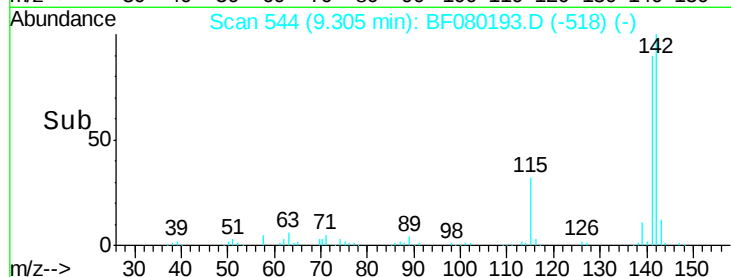
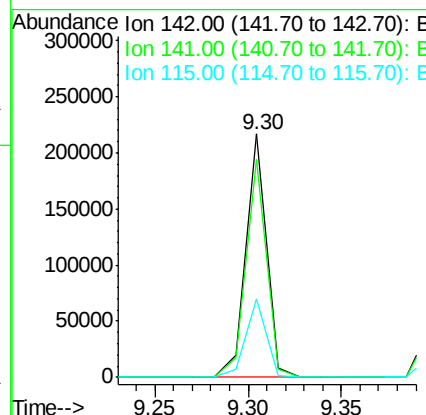
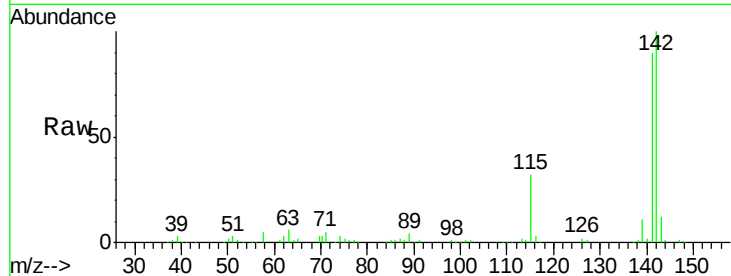
#37  
2-Methylnaphthalene  
Concen: 42.07 ng  
RT: 9.30 min Scan# 544  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 167804 |       |       |
| 141     | 89.8  | 67.5   | 101.3 |       |
| 115     | 32.1  | 18.2   | 27.2  |       |

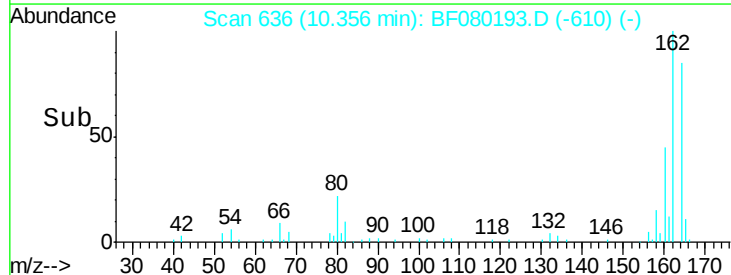
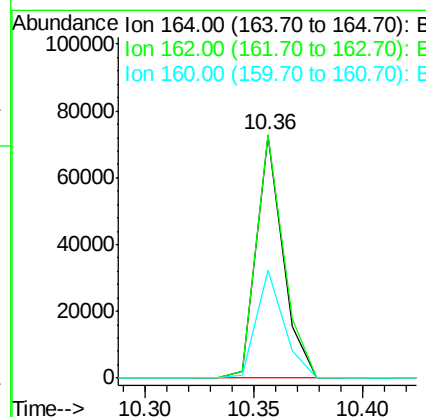
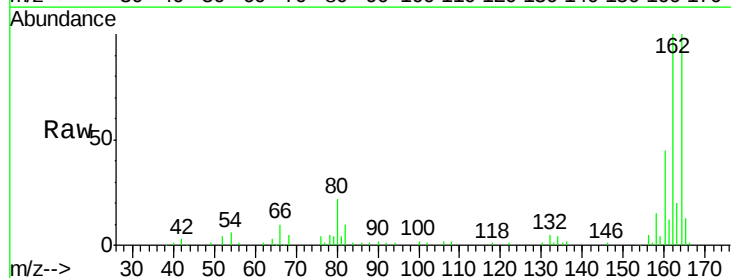
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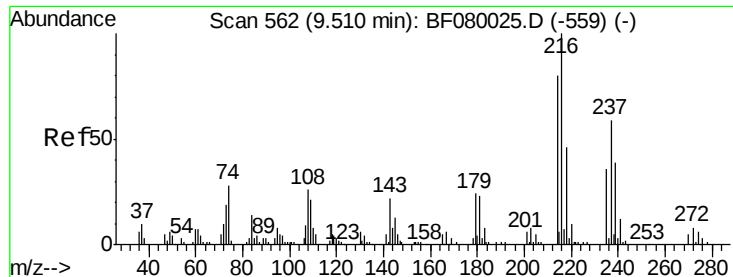
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.36 min Scan# 636  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 61790 |       |       |
| 162     | 100.3 | 75.2  | 112.8 |       |
| 160     | 44.6  | 31.5  | 47.3  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.67 ng

RT: 9.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

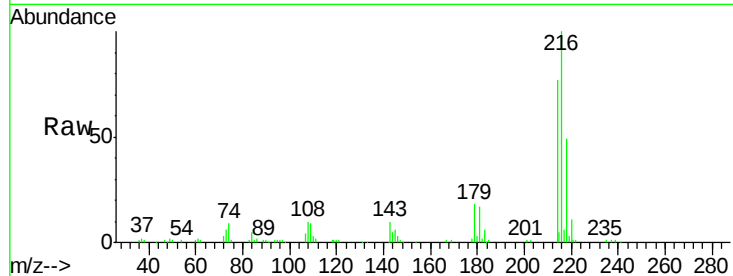
ClientSampleId :

PB84223BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.1  | 63.5  | 95.3  |
| 179     | 20.2  | 16.6  | 24.8  |
| 108     | 18.2  | 16.3  | 24.5  |

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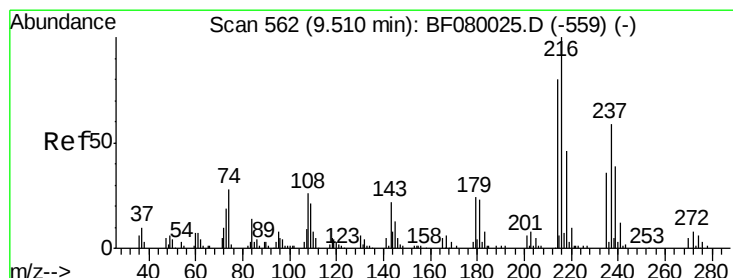
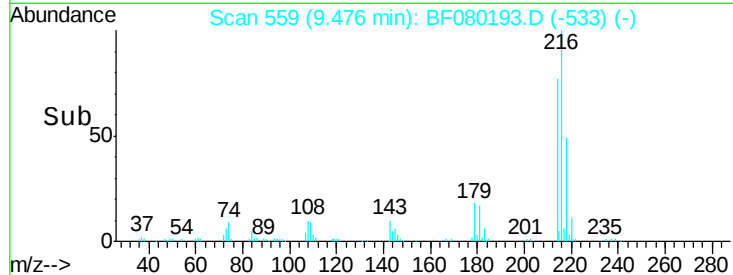
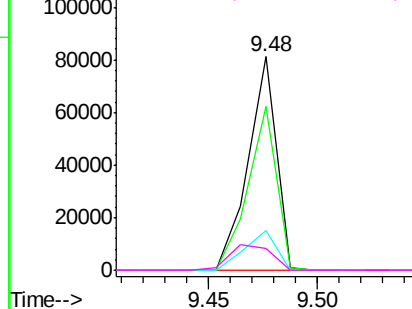
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 66.79 ng

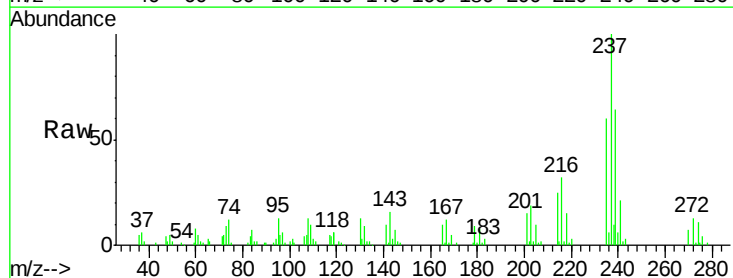
RT: 9.46 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 60.1  | 42.0  | 82.0  |
| 272     | 13.0  | 0.0   | 36.1  |

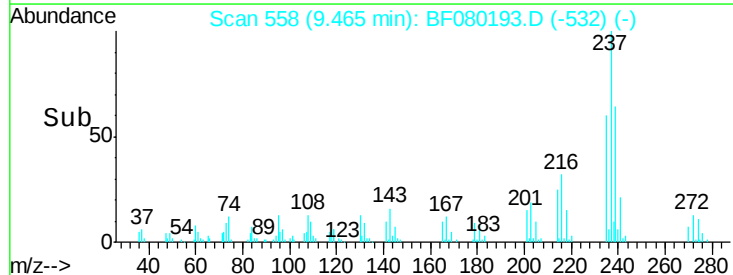
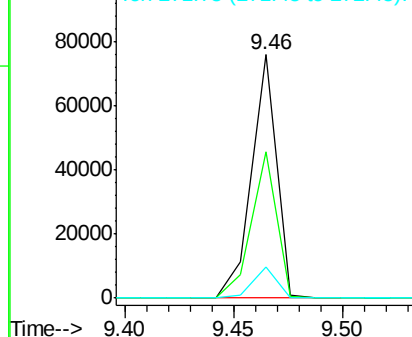


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





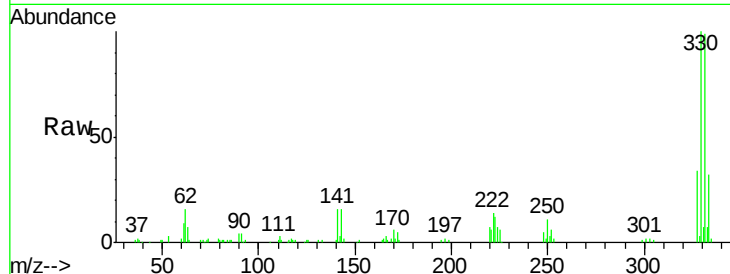
#41  
 2,4,6-Tribromophenol  
 Concen: 121.10 ng  
 RT: 11.16 min Scan# 706  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

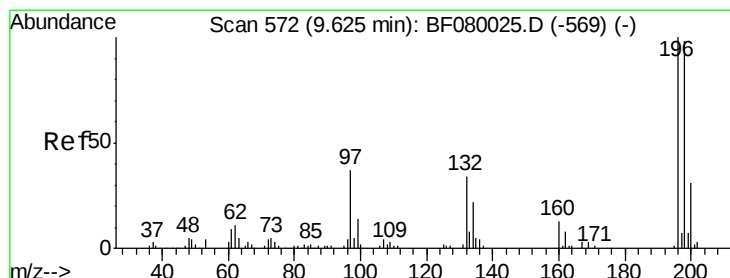
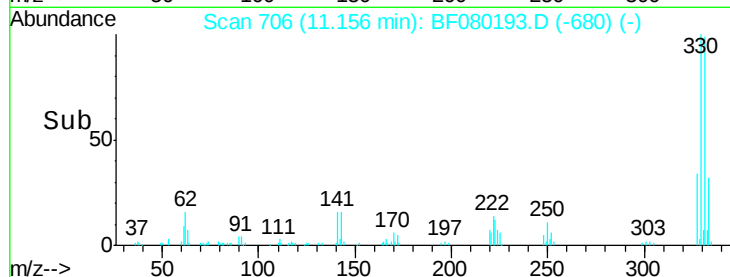
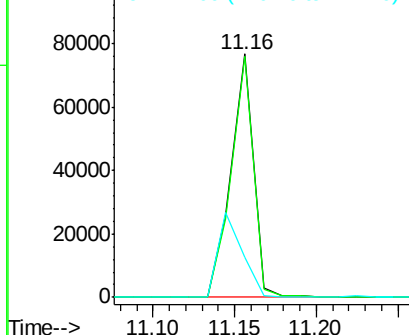
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 73167 |       |       |
| 332     | 97.8  | 76.6  | 114.8 |       |
| 141     | 37.4  | 29.7  | 44.5  |       |

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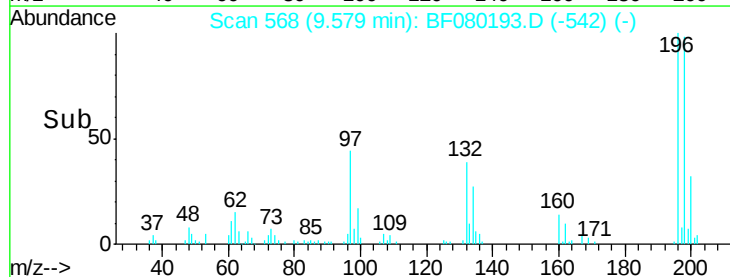
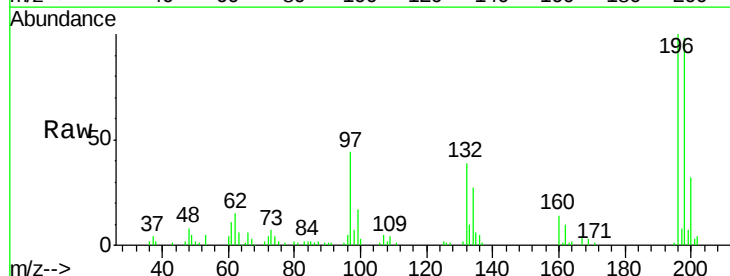
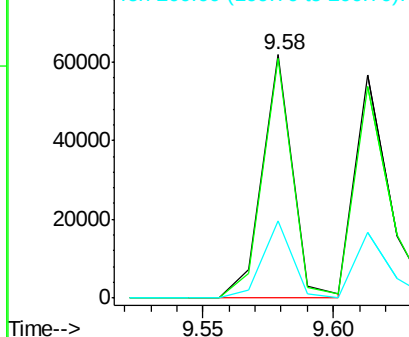
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

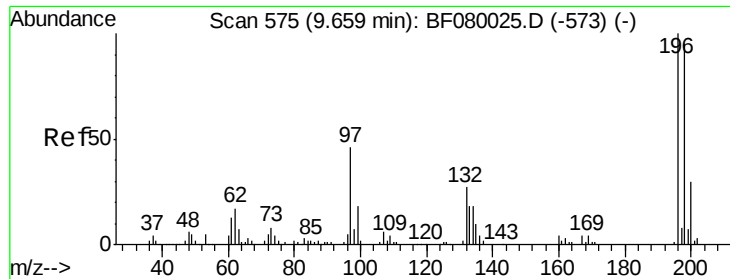


#42  
 2,4,6-Trichlorophenol  
 Concen: 41.11 ng  
 RT: 9.58 min Scan# 568  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 50297 |       |       |
| 198     | 98.4  | 75.7  | 113.5 |       |
| 200     | 31.9  | 23.9  | 35.9  |       |

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





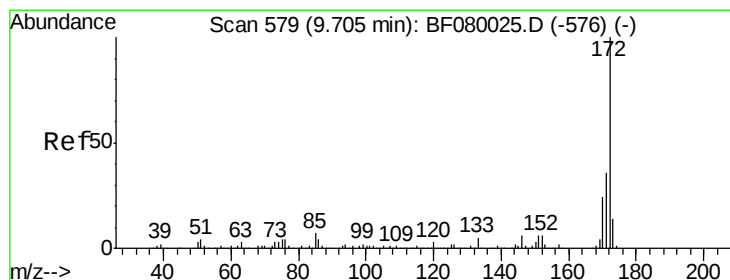
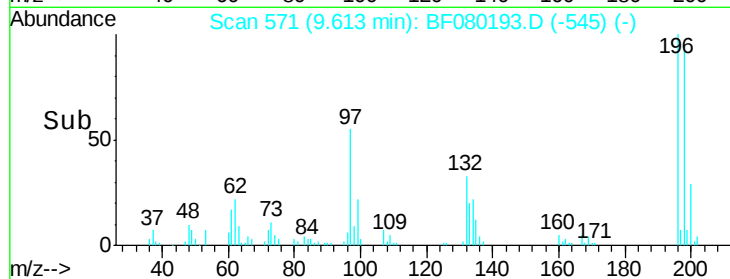
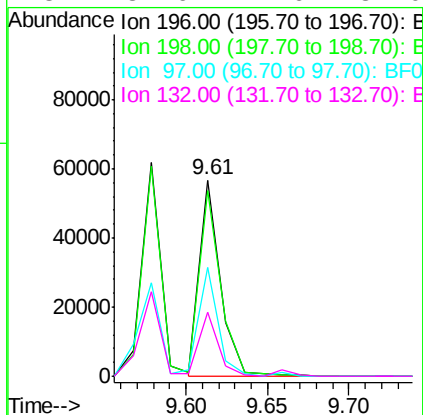
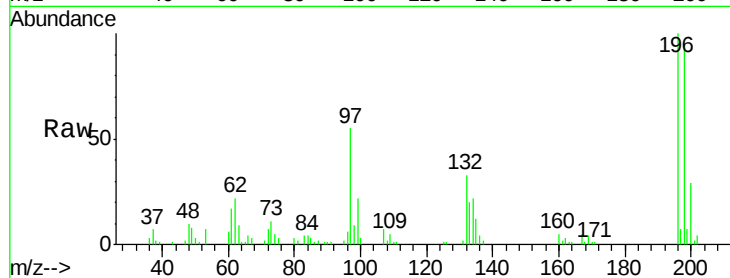
#43  
 2,4,5-Trichlorophenol  
 Concen: 36.45 ng  
 RT: 9.61 min Scan# 571  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 51385 |       |       |
| 198     | 94.6  | 75.4  | 113.0 |       |
| 97      | 55.5  | 33.3  | 49.9  |       |
| 132     | 32.6  | 24.6  | 37.0  |       |

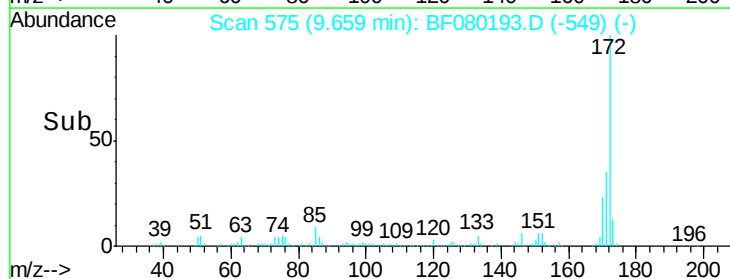
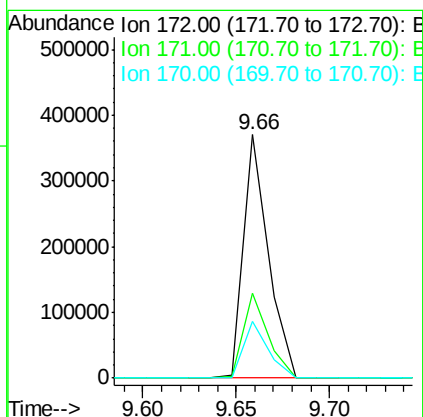
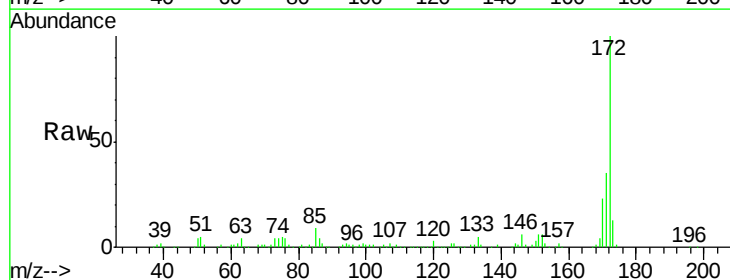
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#44  
 2-Fluorobiphenyl  
 Concen: 78.95 ng  
 RT: 9.66 min Scan# 575  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 342066 |       |       |
| 171     | 34.9  | 26.1   | 39.1  |       |
| 170     | 23.3  | 17.4   | 26.2  |       |





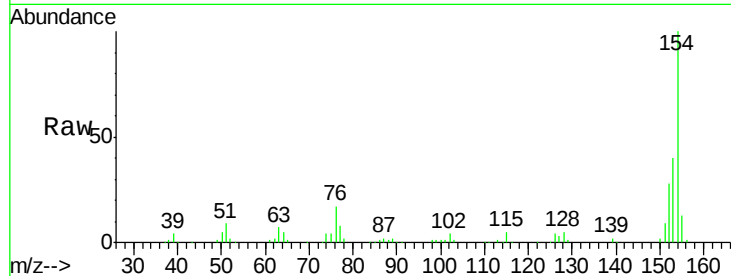
#45  
 1,1'-Biphenyl  
 Concen: 36.26 ng  
 RT: 9.76 min Scan# 584  
 Delta R.T. -0.01 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

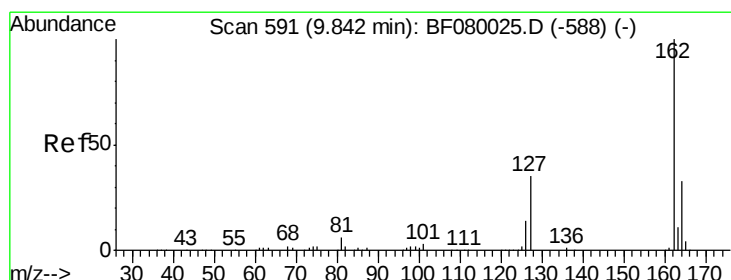
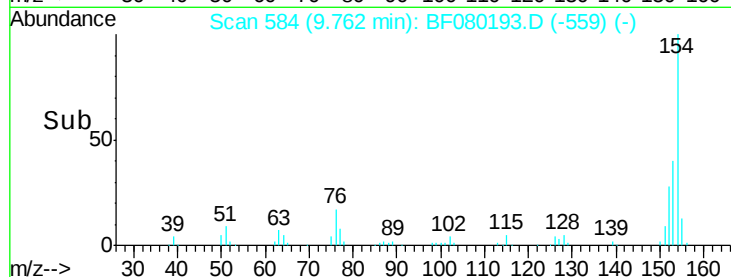
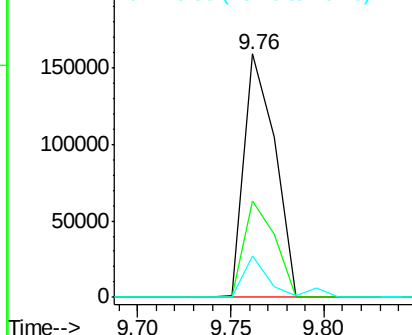
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 182271 |       |       |
| 153     | 39.6  | 17.1   | 57.1  |       |
| 76      | 17.2  | 0.0    | 31.6  |       |

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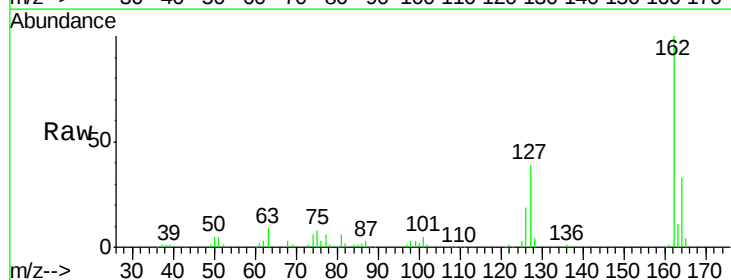


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

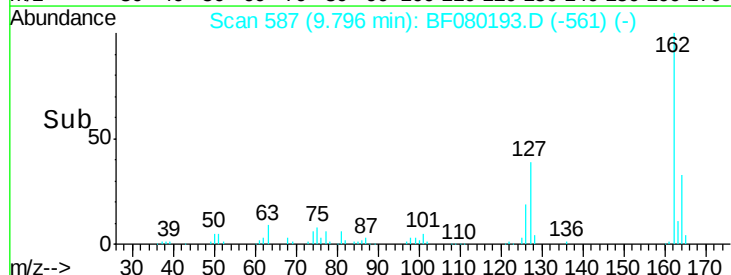
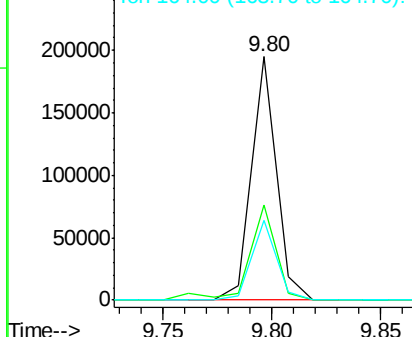


#46  
 2-Chloronaphthalene  
 Concen: 37.96 ng  
 RT: 9.80 min Scan# 587  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 154843 |       |       |
| 127     | 39.2  | 27.6   | 41.4  |       |
| 164     | 32.8  | 25.4   | 38.2  |       |



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





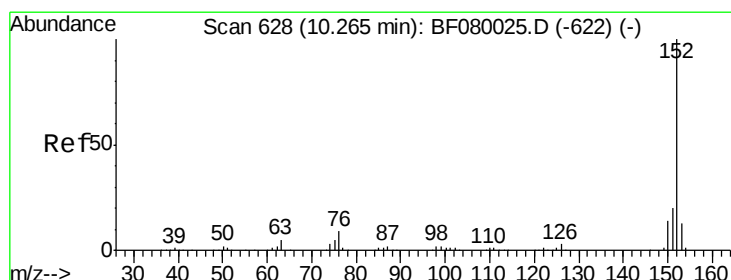
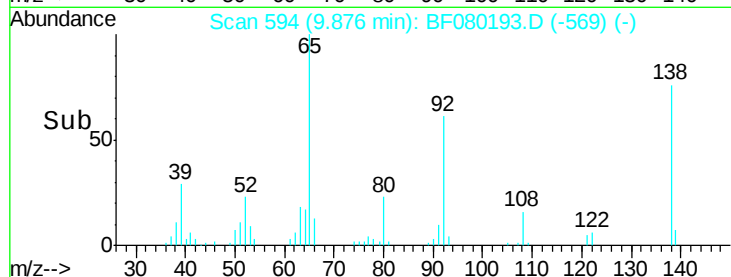
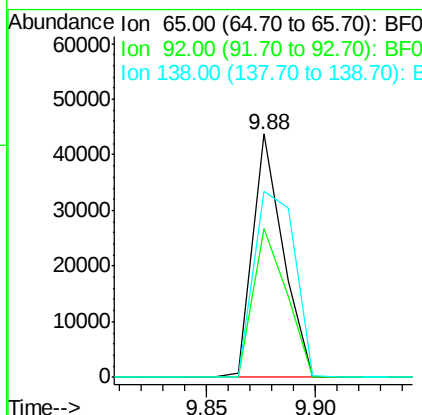
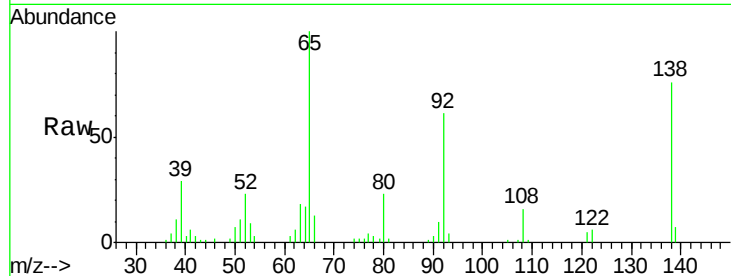
#47  
2-Nitroaniline  
Concen: 37.93 ng  
RT: 9.88 min Scan# 594  
Delta R.T. -0.01 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 61.4  | 55.4  | 83.0   |
| 138     | 76.4  | 115.5 | 173.3# |

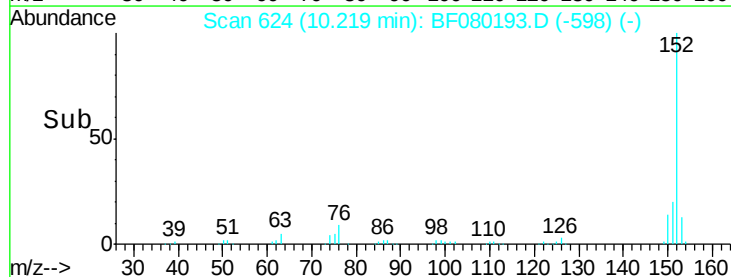
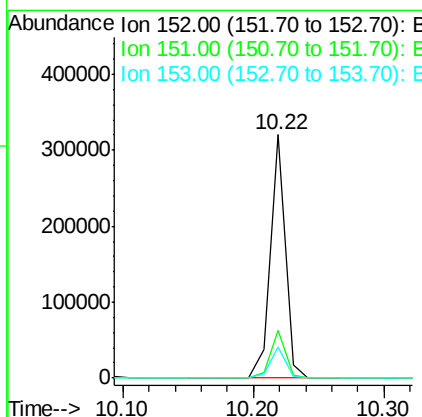
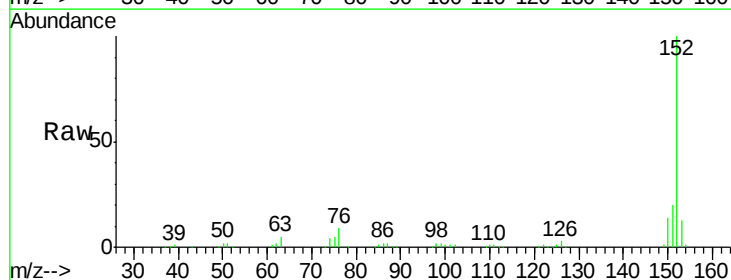
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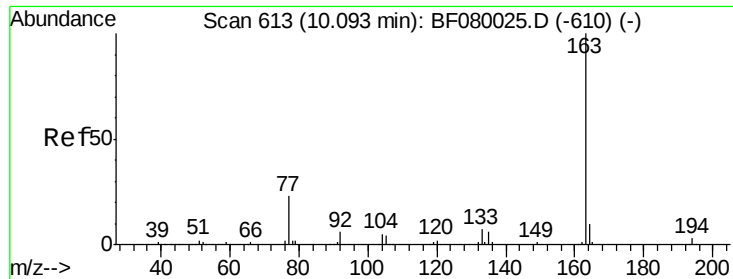
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#48  
Acenaphthylene  
Concen: 38.05 ng  
RT: 10.22 min Scan# 624  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.8  | 14.6  | 22.0  |
| 153     | 13.0  | 10.3  | 15.5  |





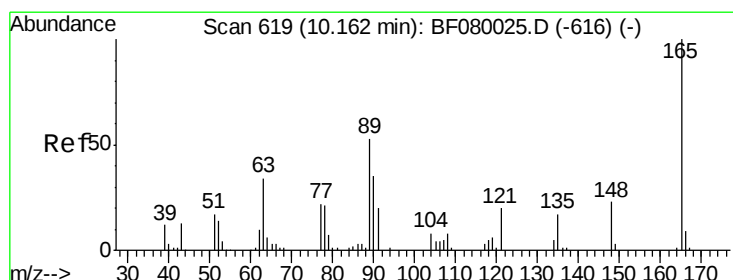
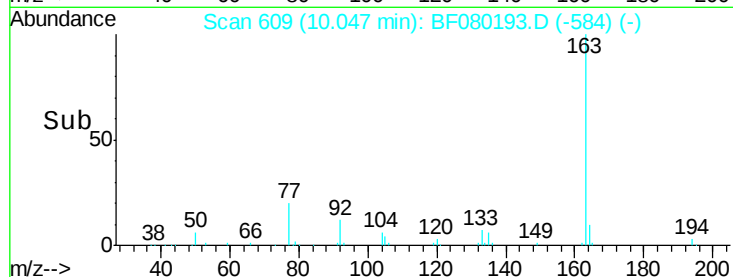
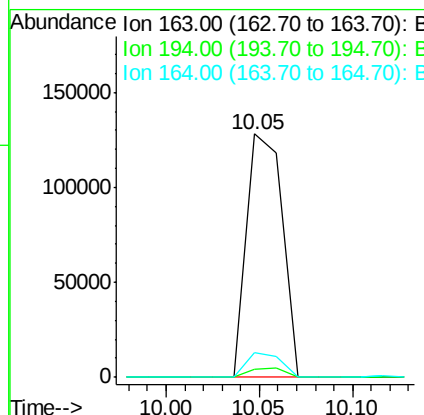
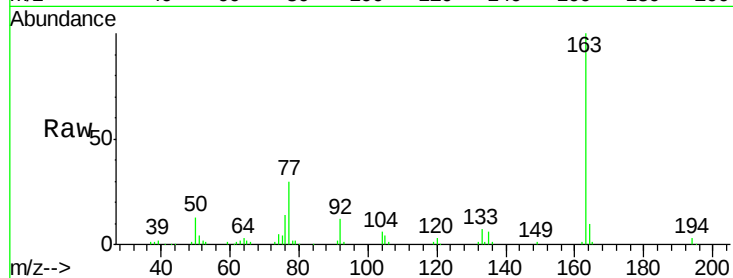
#49  
Dimethylphthalate  
Concen: 36.50 ng  
RT: 10.05 min Scan# 609  
Delta R.T. -0.01 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 169548 |       |       |
| 194     | 3.2   | 4.4    | 6.6#  |       |
| 164     | 10.3  | 8.3    | 12.5  |       |

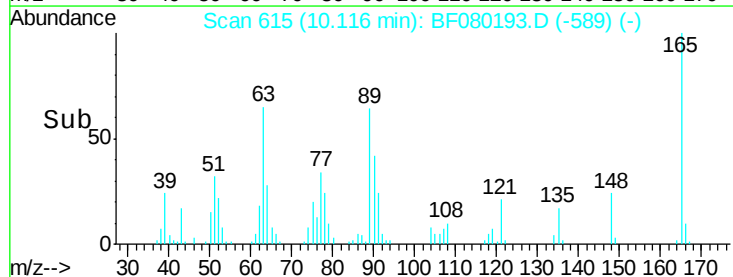
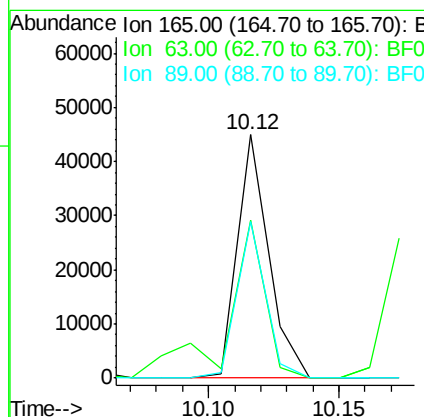
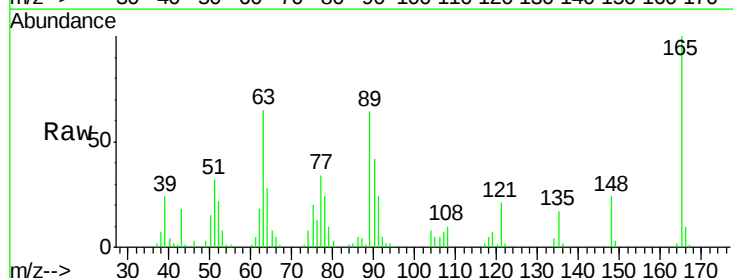
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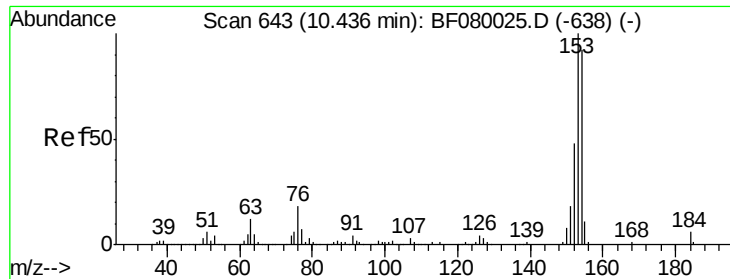
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#50  
2,6-Dinitrotoluene  
Concen: 40.74 ng  
RT: 10.12 min Scan# 615  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 37941 |       |       |
| 63      | 65.0  | 32.3  | 48.5# |       |
| 89      | 64.4  | 28.6  | 43.0# |       |





#51

Acenaphthene

Concen: 39.57 ng

RT: 10.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080193.D

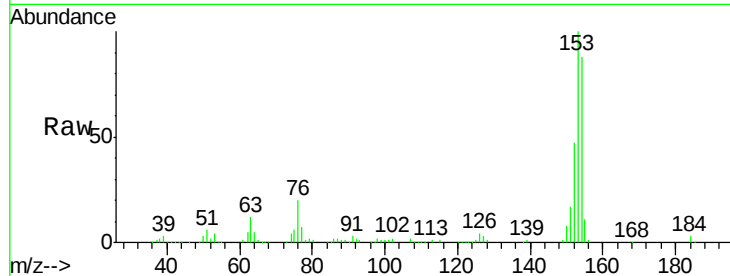
Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

ClientSampleId :

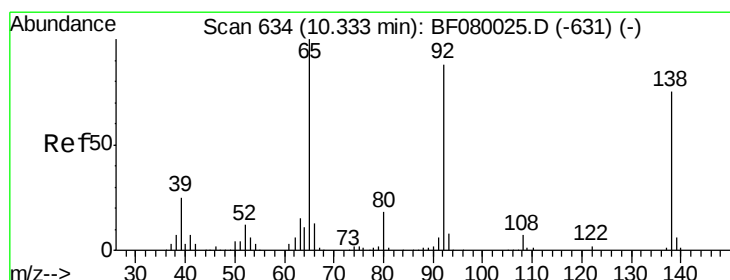
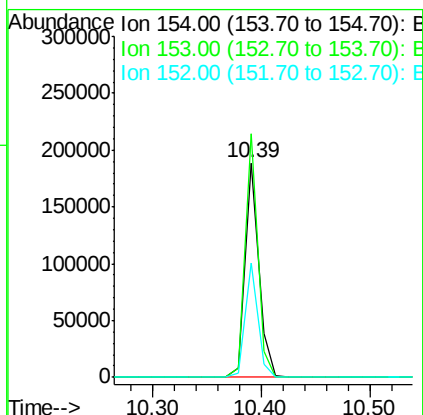
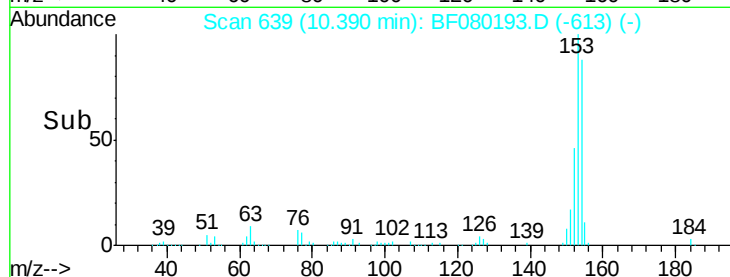
PB84223BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 164804 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.4 | 82.1  | 123.1  |
| 152       | 53.3  | 37.9  | 56.9   |

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#52

3-Nitroaniline

Concen: 33.74 ng

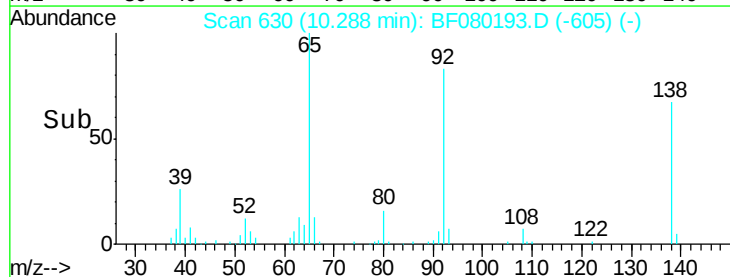
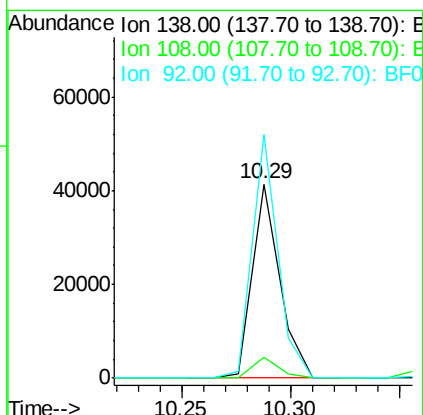
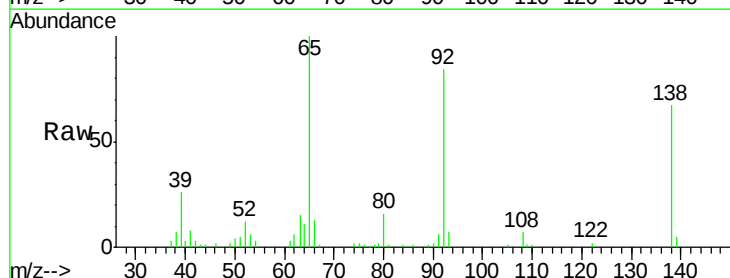
RT: 10.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

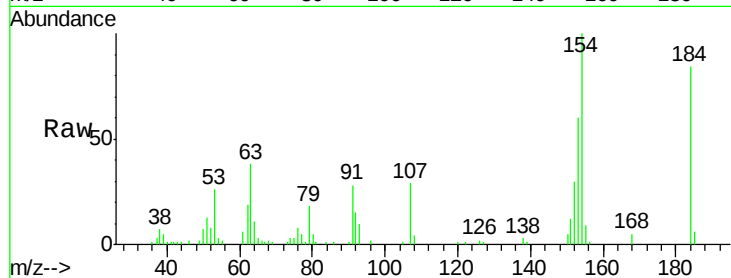
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 36253  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.7  | 5.7   | 8.5#   |
| 92        | 125.3 | 67.7  | 101.5# |





#53  
 2,4-Dinitrophenol  
 Concen: 81.38 ng  
 RT: 10.40 min Scan# 640  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

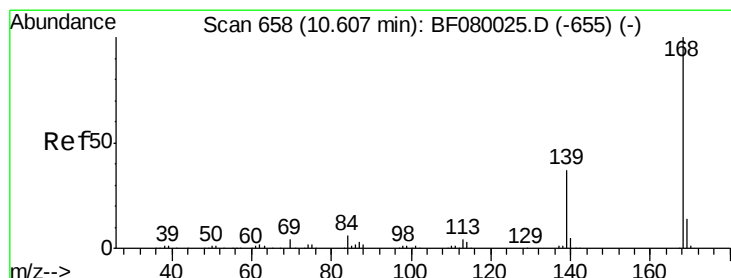
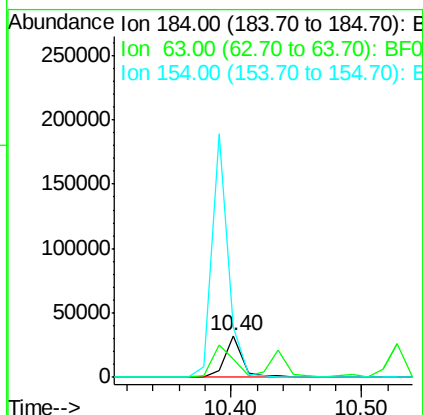
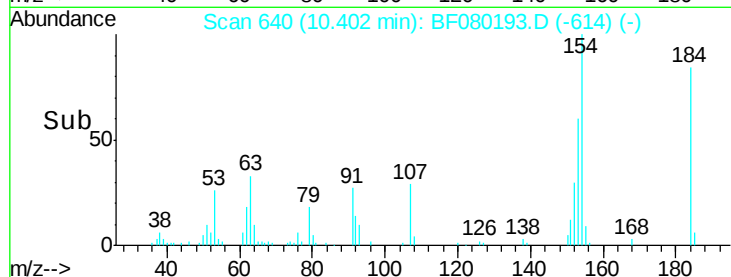
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS



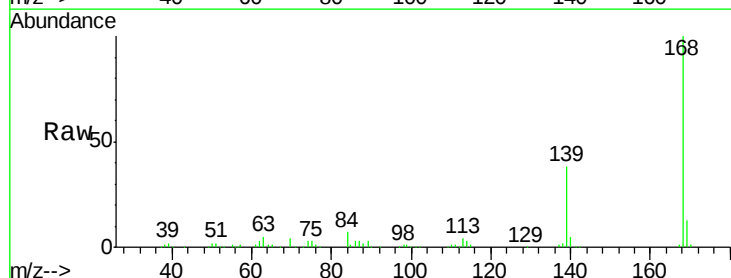
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 30887 |       |       |
| 63      | 44.9  | 35.4  | 53.2  |       |
| 154     | 119.5 | 32.2  | 48.4# |       |

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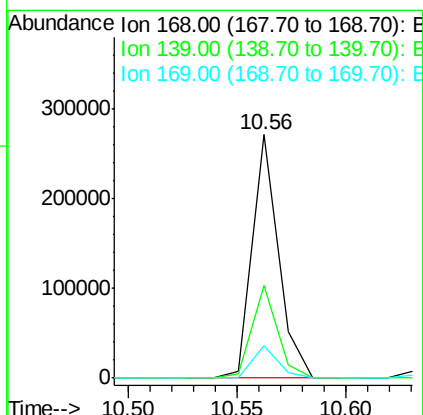
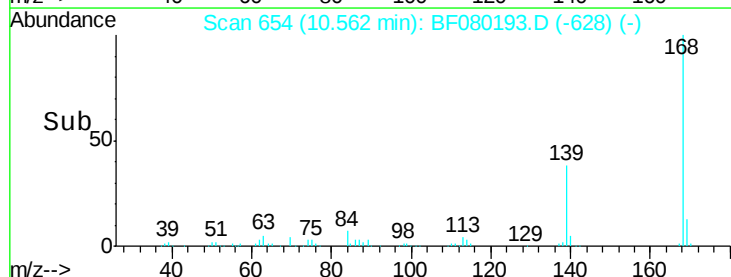
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#54  
 Dibenzofuran  
 Concen: 38.41 ng  
 RT: 10.56 min Scan# 654  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 227027 |       |       |
| 139     | 37.9  | 24.2   | 36.2# |       |
| 169     | 13.4  | 10.6   | 15.8  |       |





#55

4-Nitrophenol

Concen: 80.75 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

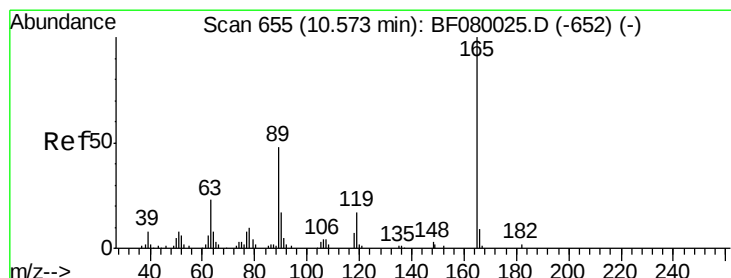
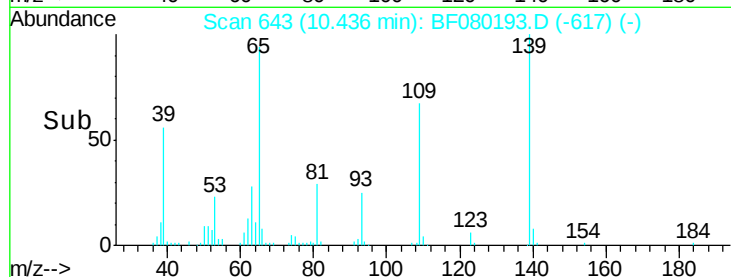
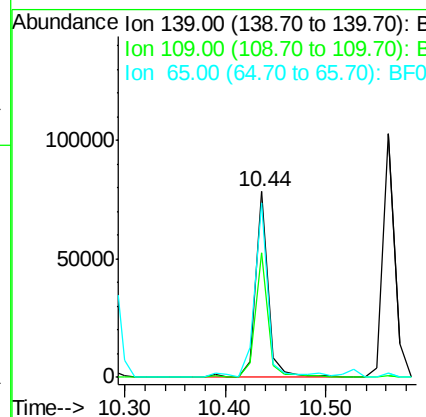
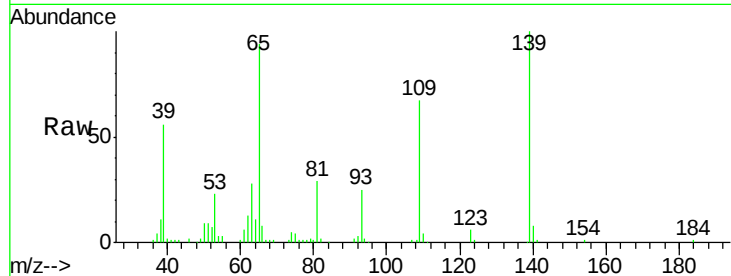
ClientSampleId :

PB84223BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 69355 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 66.9  | 12.7  | 52.7# |
| 65        | 94.2  | 45.9  | 85.9# |

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#56

2,4-Dinitrotoluene

Concen: 46.72 ng

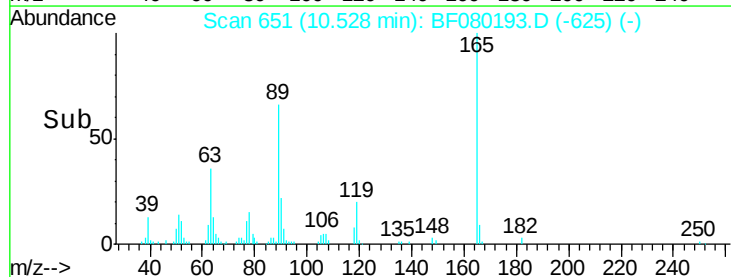
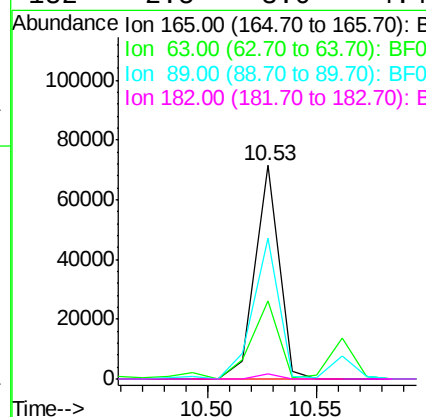
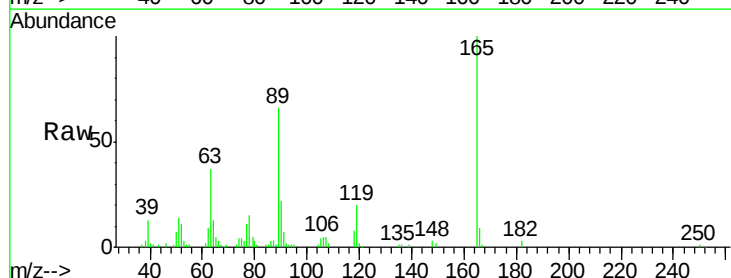
RT: 10.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 55209 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 36.8  | 29.8  | 44.6  |
| 89        | 65.7  | 44.5  | 66.7  |
| 182       | 2.5   | 3.0   | 4.4#  |





#57

Fluorene

Concen: 37.39 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

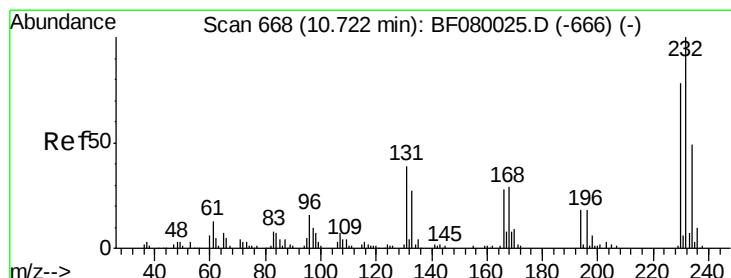
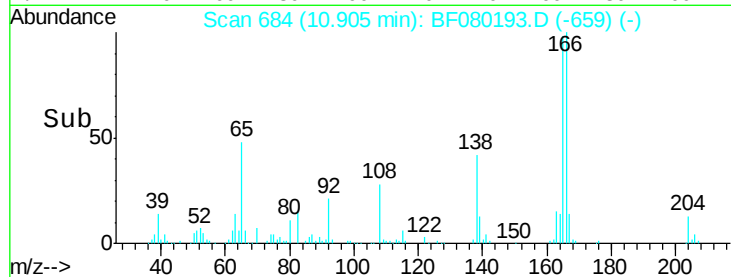
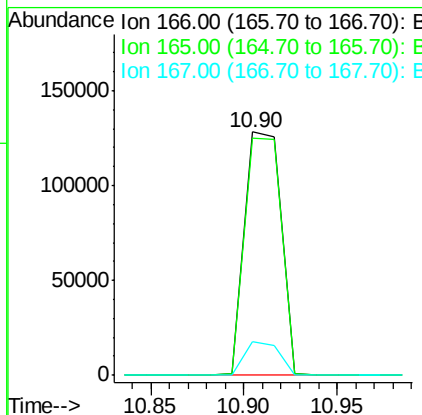
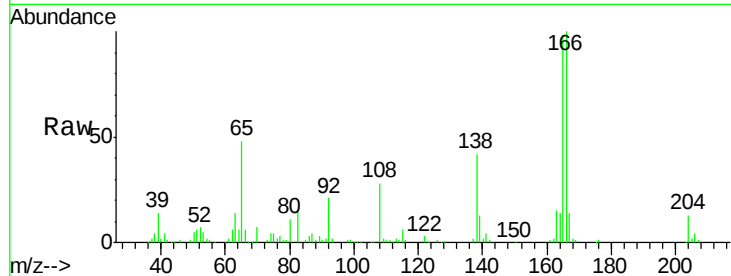
ClientSampleId :

PB84223BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 175341 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.6  | 72.6  | 109.0  |
| 167       | 13.8  | 10.6  | 16.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.40 ng

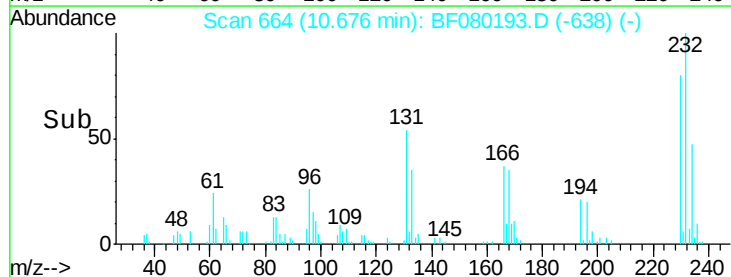
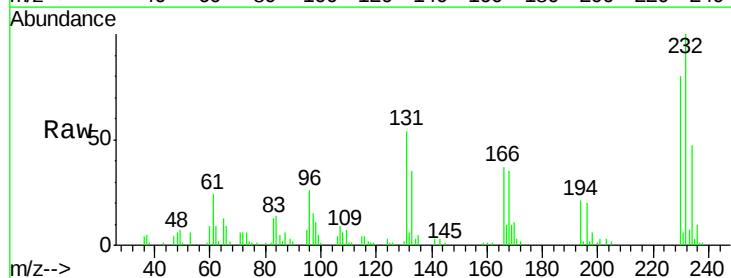
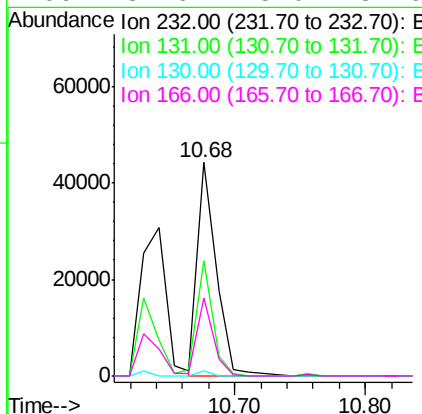
RT: 10.68 min Scan# 664

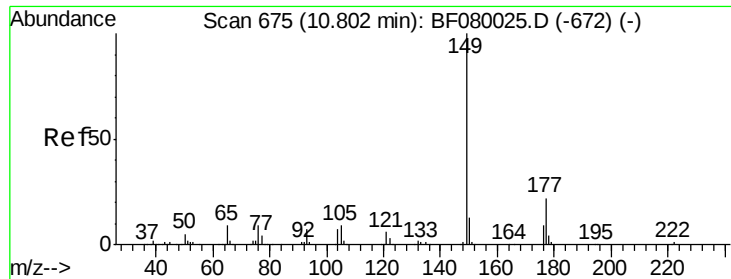
Delta R.T. 0.00 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 44506 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 45.6  | 38.5  | 57.7  |
| 130       | 1.6   | 1.8   | 2.6#  |
| 166       | 31.6  | 25.0  | 37.6  |





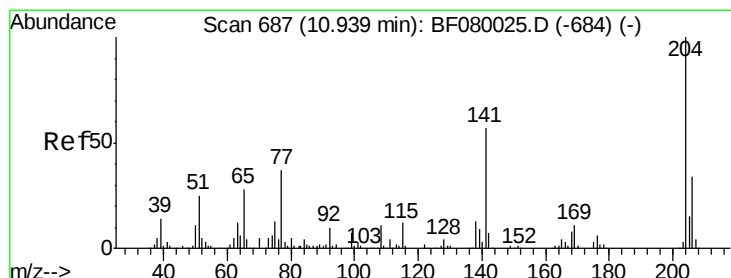
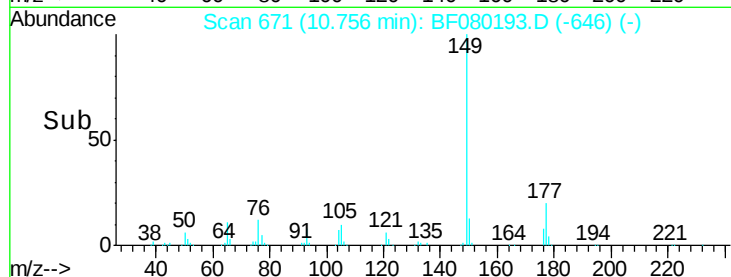
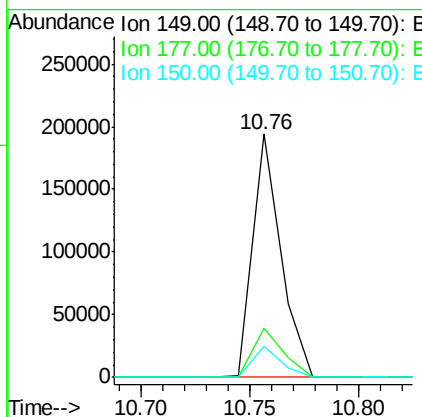
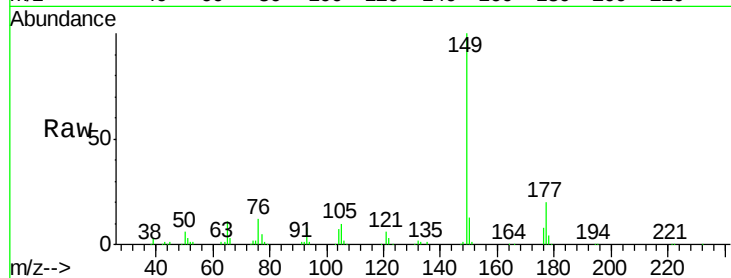
#59  
Diethylphthalate  
Concen: 37.33 ng  
RT: 10.76 min Scan# 671  
Delta R.T. -0.01 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 174634 |       |       |
| 177     | 20.4  | 17.5   | 26.3  |       |
| 150     | 13.0  | 9.4    | 14.2  |       |

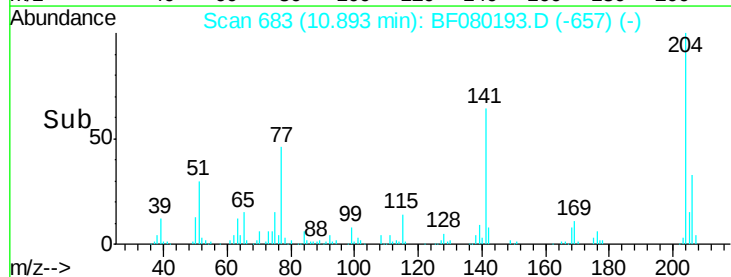
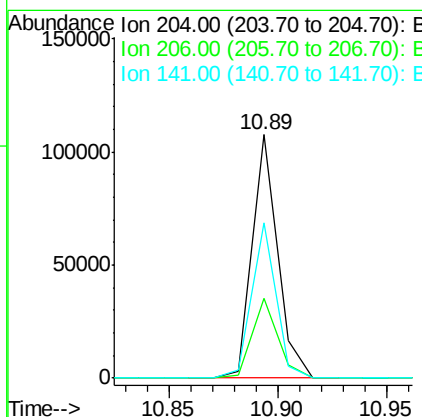
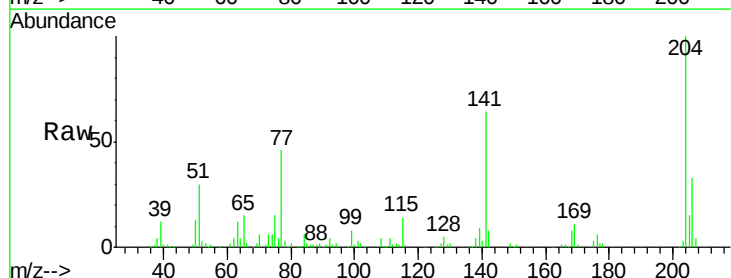
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#60  
4-Chlorophenyl-phenylether  
Concen: 38.79 ng  
RT: 10.89 min Scan# 683  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 87418 |       |       |
| 206     | 32.8  | 24.8  | 37.2  |       |
| 141     | 63.7  | 42.2  | 63.4# |       |





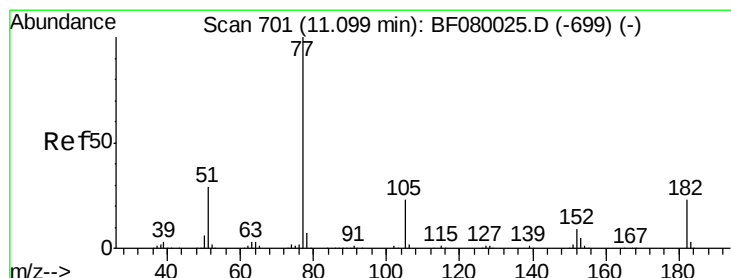
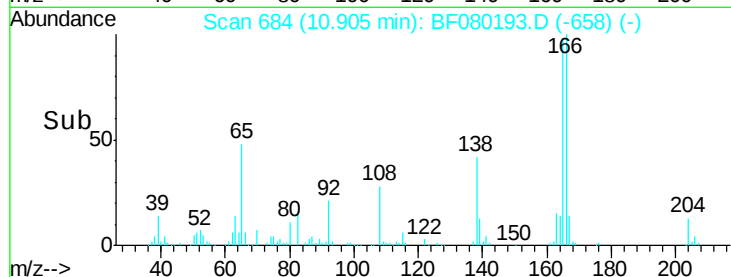
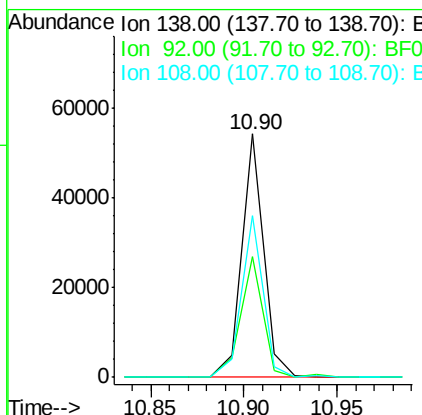
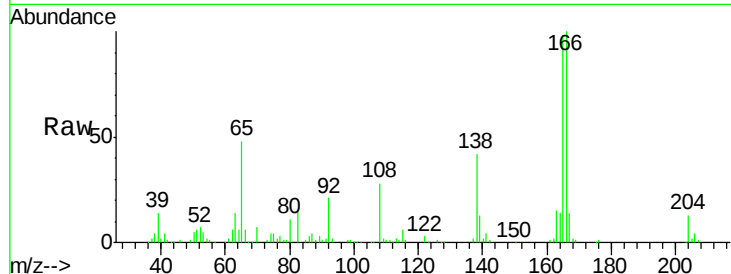
#61  
4-Nitroaniline  
Concen: 40.06 ng  
RT: 10.90 min Scan# 684  
Delta R.T. 0.00 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 44456 |       |       |
| 92      | 49.3  | 12.6  | 52.6  |       |
| 108     | 66.2  | 12.4  | 52.4# |       |

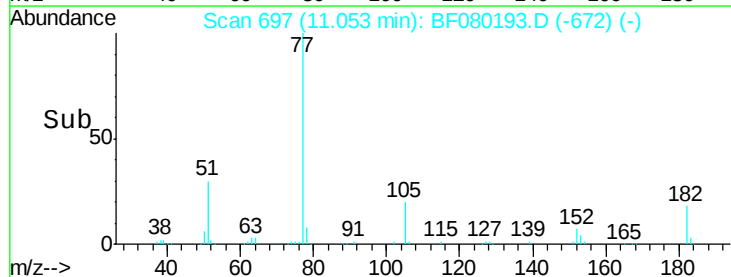
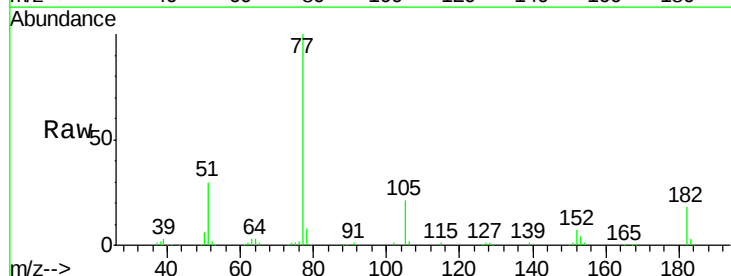
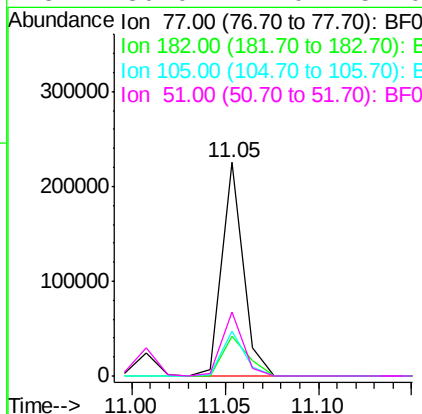
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#62  
Azobenzene  
Concen: 38.00 ng  
RT: 11.05 min Scan# 697  
Delta R.T. -0.01 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 180932 |       |       |
| 182     | 18.4  | 15.1   | 55.1  |       |
| 105     | 21.3  | 3.4    | 43.4  |       |
| 51      | 30.0  | 12.0   | 52.0  |       |





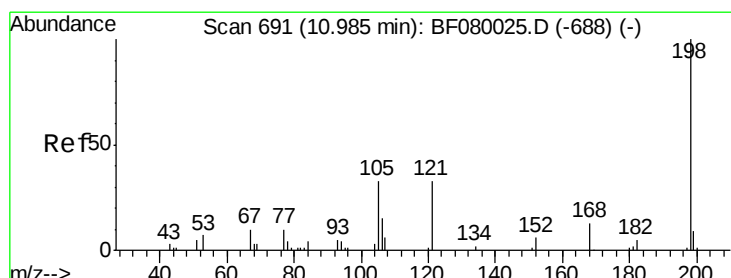
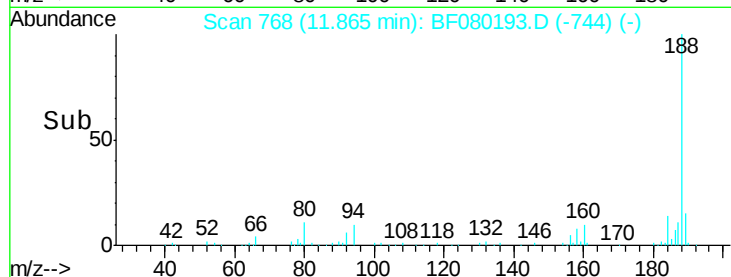
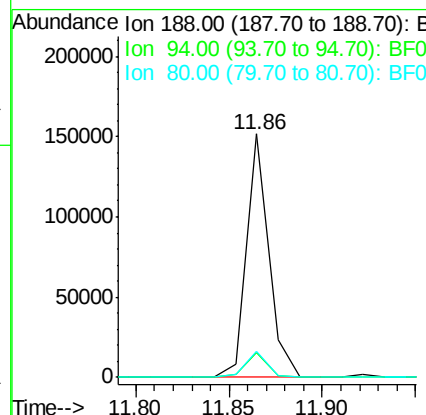
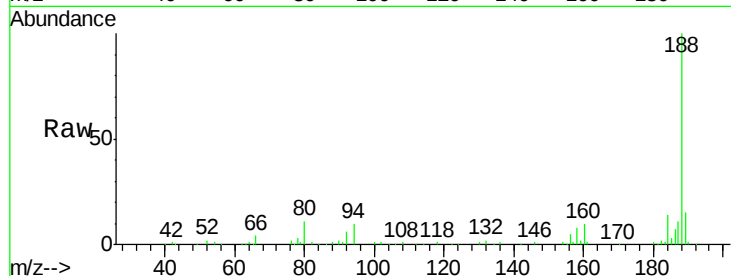
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.86 min Scan# 768  
Delta R.T. -0.02 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 10.0  | 11.1       | 16.7#      |
| 80      | 10.8  | 11.0       | 16.4#      |

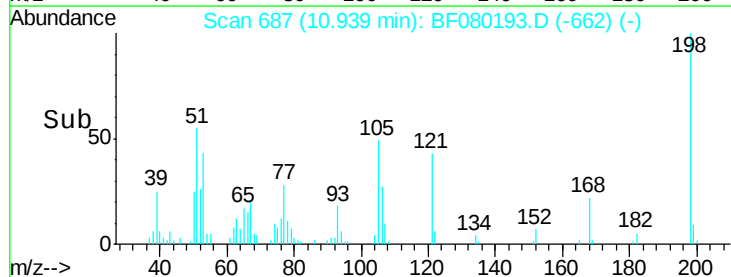
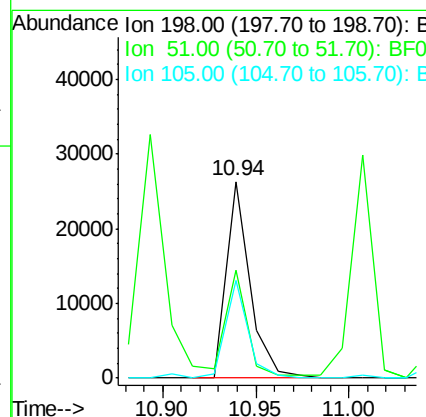
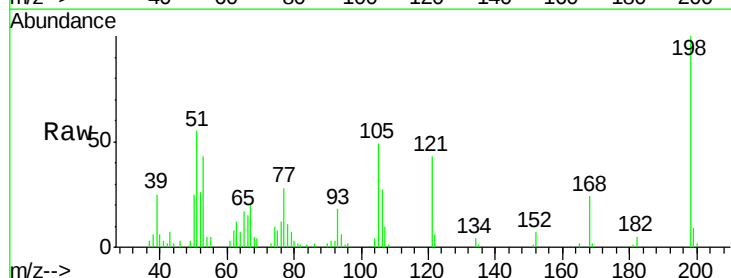
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.37 ng  
RT: 10.94 min Scan# 687  
Delta R.T. -0.01 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 54.5  | 39.6       | 79.6       |
| 105     | 49.4  | 28.5       | 68.5       |





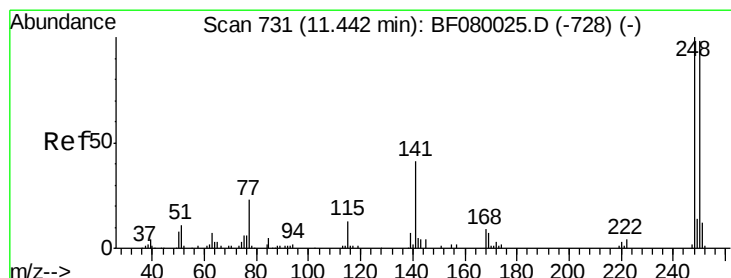
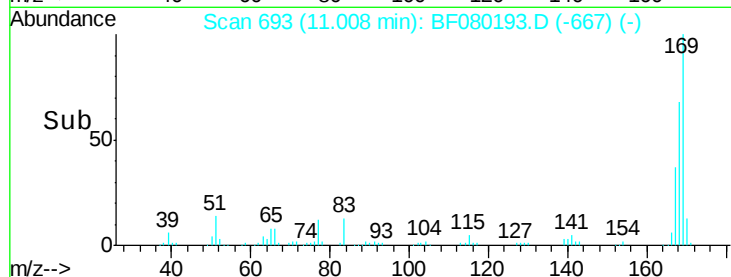
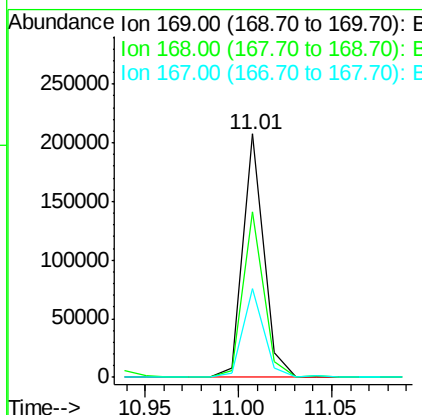
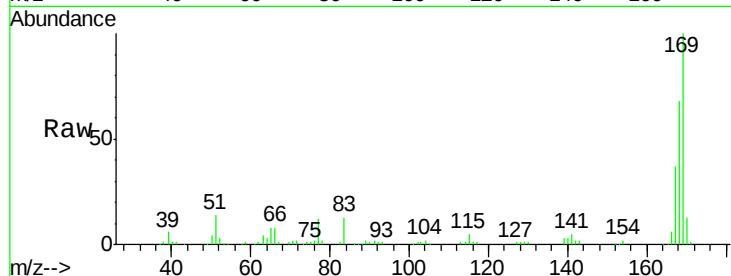
#65  
 n-Nitrosodiphenylamine  
 Concen: 39.54 ng  
 RT: 11.01 min Scan# 693  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 162975 |       |       |
| 168     | 68.1  |        | 48.9  | 73.3  |
| 167     | 36.7  |        | 26.2  | 39.4  |

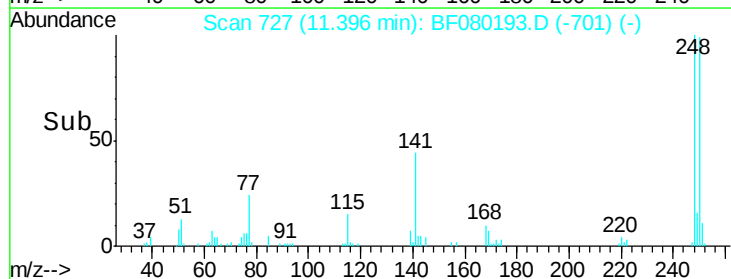
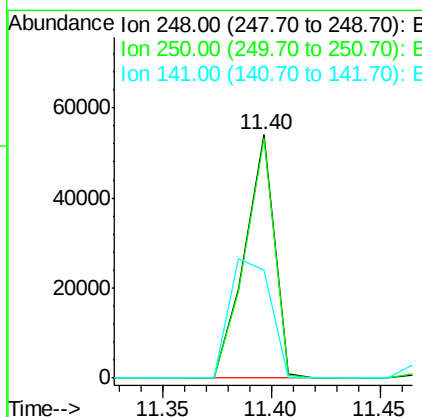
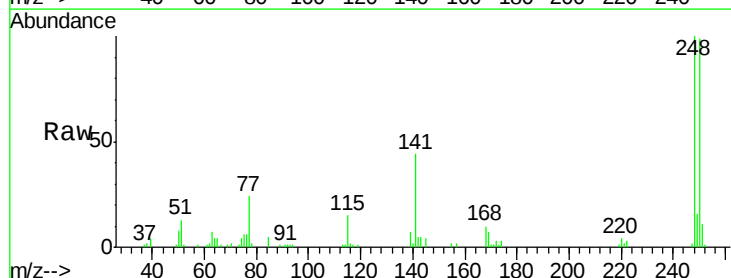
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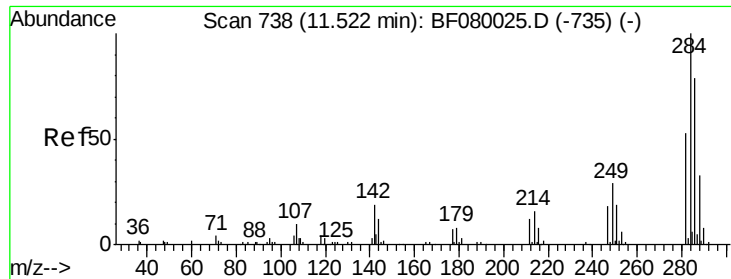
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#66  
 4-Bromophenyl-phenylether  
 Concen: 38.00 ng  
 RT: 11.40 min Scan# 727  
 Delta R.T. 0.00 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 51142 |       |       |
| 250     | 98.5  |       | 78.5  | 117.7 |
| 141     | 44.1  |       | 59.0  | 88.6# |





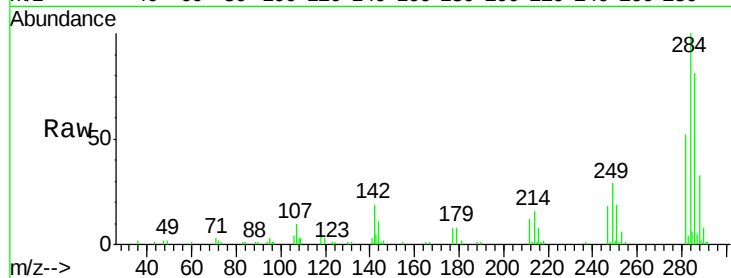
#67  
Hexachlorobenzene  
Concen: 36.67 ng  
RT: 11.48 min Scan# 734  
Delta R.T. -0.01 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

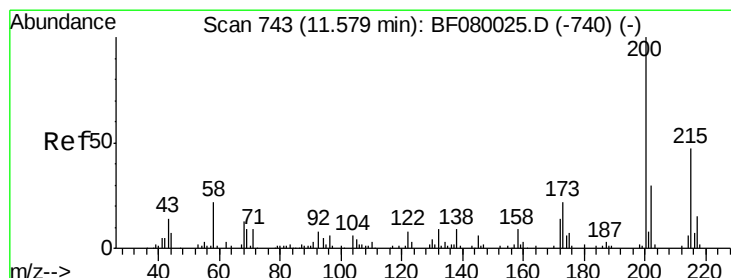
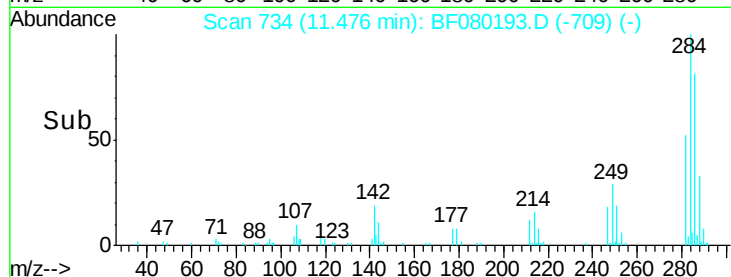
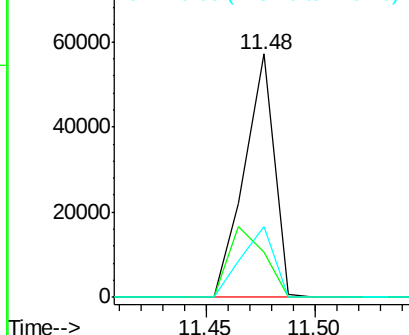
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 18.8  | 29.5       | 44.3#      |
| 249     | 29.3  | 19.5       | 29.3#      |

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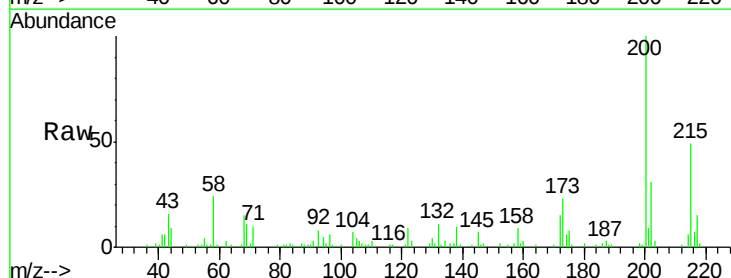


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

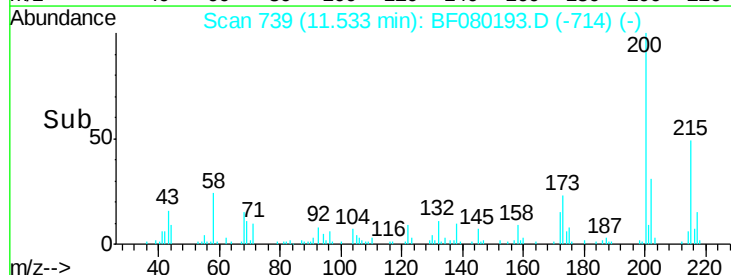
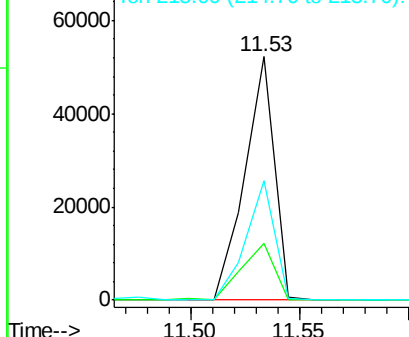


#68  
Atrazine  
Concen: 37.71 ng  
RT: 11.53 min Scan# 739  
Delta R.T. -0.01 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 23.1  | 13.2       | 53.2       |
| 215     | 48.9  | 41.8       | 81.8       |



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





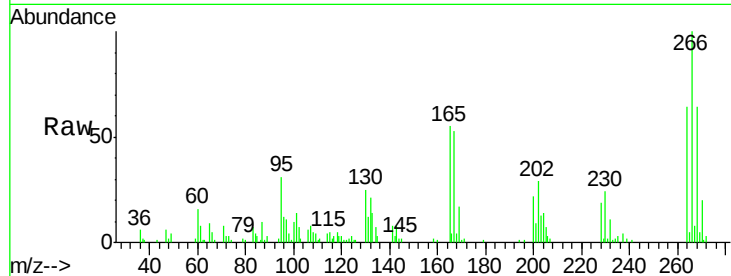
#69  
 Pentachlorophenol  
 Concen: 66.63 ng  
 RT: 11.66 min Scan# 750  
 Delta R.T. -0.02 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

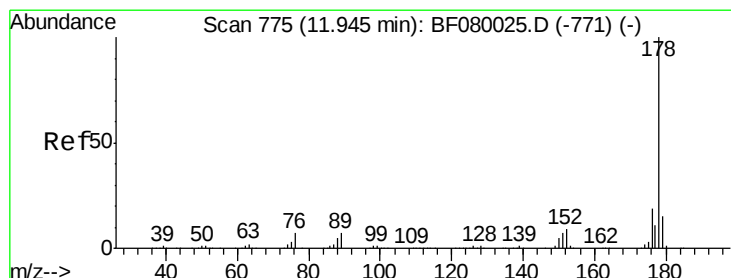
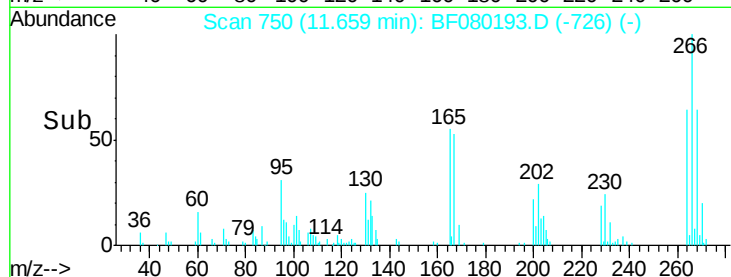
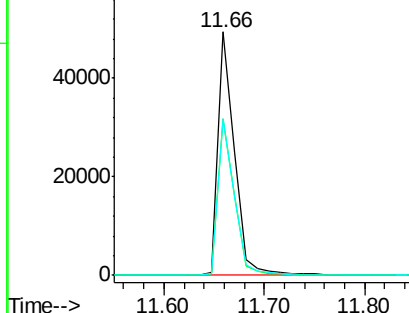
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 56473 |       |       |
| 268     | 64.2  | 49.8  | 74.6  |       |
| 264     | 64.1  | 50.2  | 75.2  |       |

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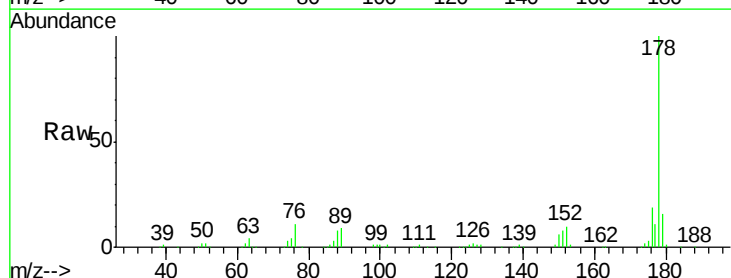


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

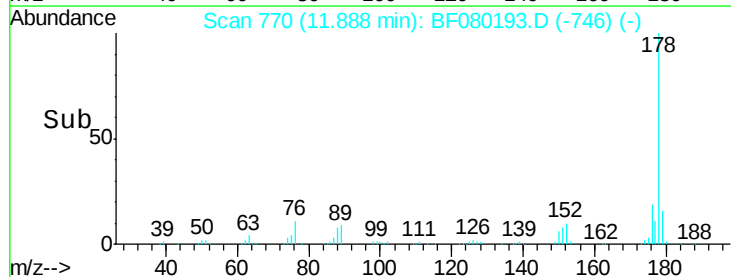
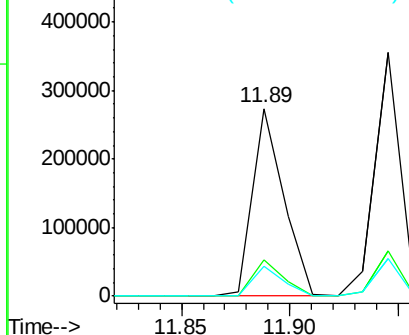


#70  
 Phenanthrene  
 Concen: 35.80 ng  
 RT: 11.89 min Scan# 770  
 Delta R.T. -0.02 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 274337 |       |       |
| 176     | 19.4  | 13.8   | 20.8  |       |
| 179     | 15.7  | 12.2   | 18.2  |       |



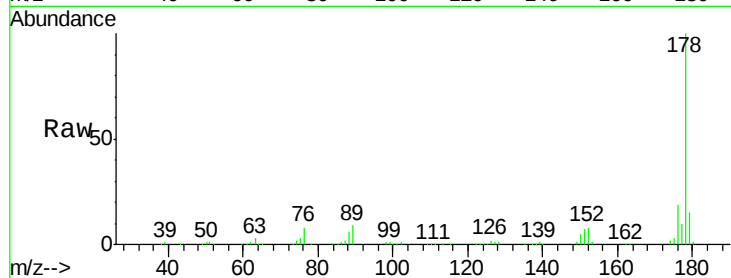
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#71  
 Anthracene  
 Concen: 39.86 ng  
 RT: 11.94 min Scan# 775  
 Delta R.T. -0.02 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

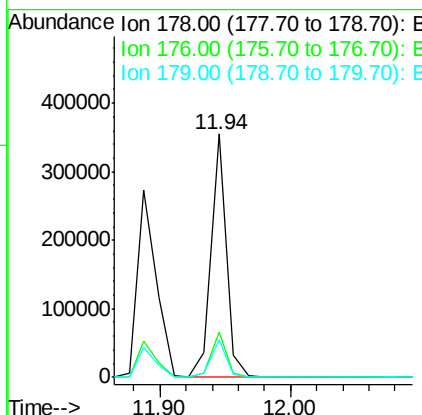
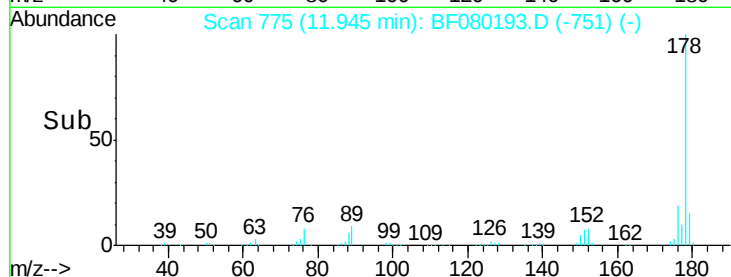
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 14.1  | 21.1  |
| 179     | 15.3  | 12.2  | 18.2  |

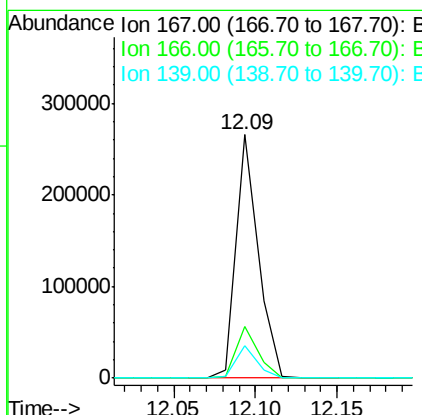
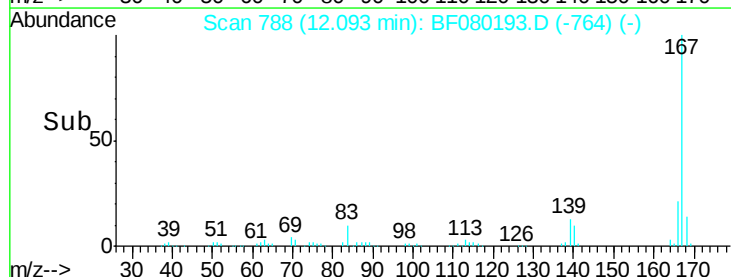
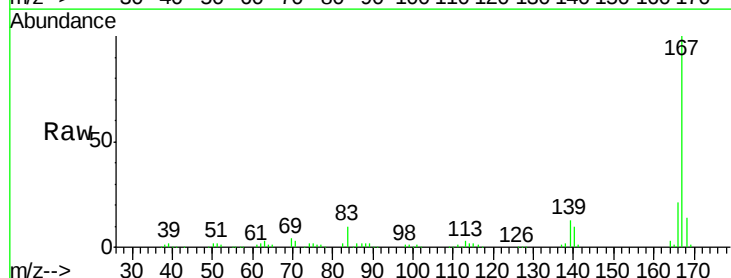
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#72  
 Carbazole  
 Concen: 35.14 ng  
 RT: 12.09 min Scan# 788  
 Delta R.T. -0.02 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.1  | 15.7  | 23.5  |
| 139     | 13.2  | 9.5   | 14.3  |





#73

Di-n-butylphthalate

Concen: 32.97 ng

RT: 12.42 min Scan# 817

Delta R.T. -0.05 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

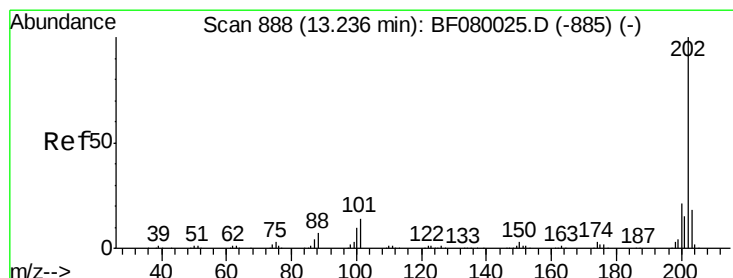
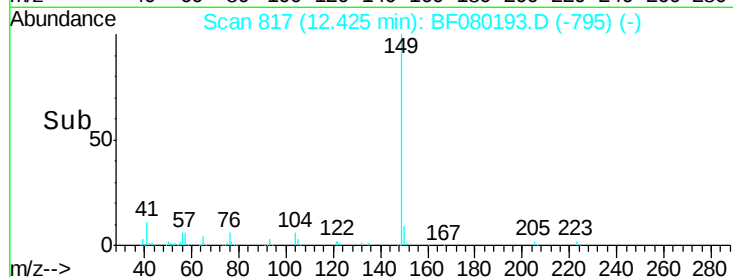
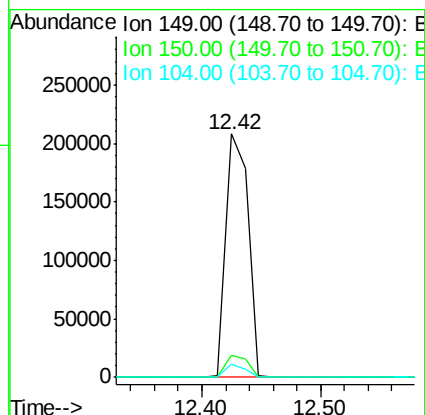
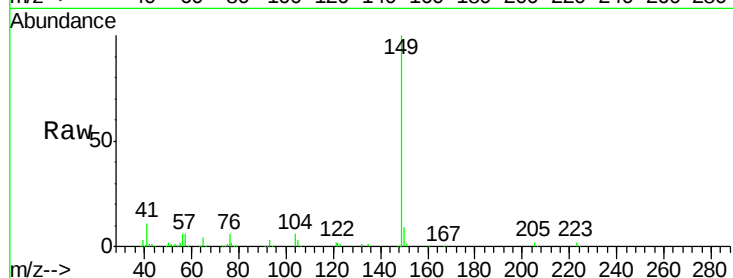
ClientSampleId :

PB84223BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 268333 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.2   | 7.4   | 11.2   |
| 104       | 5.5   | 2.4   | 3.6#   |

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#74

Fluoranthene

Concen: 36.86 ng

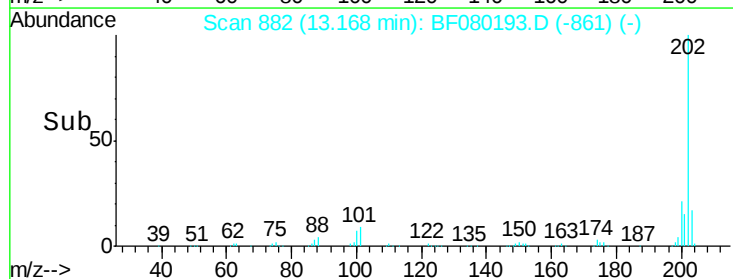
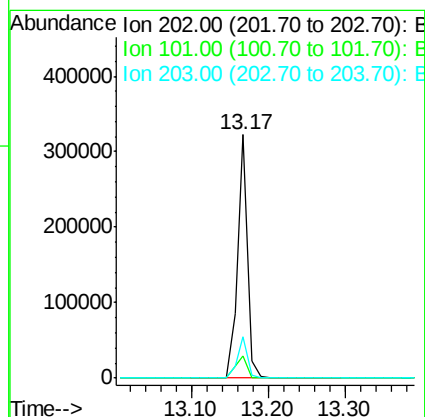
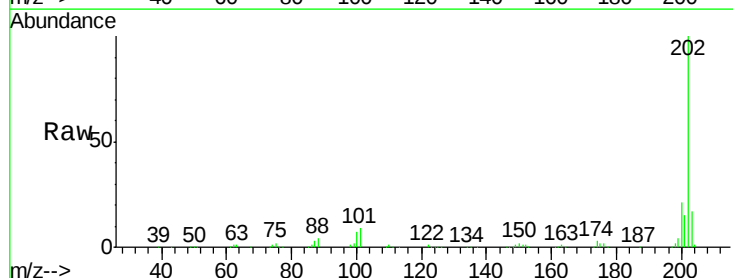
RT: 13.17 min Scan# 882

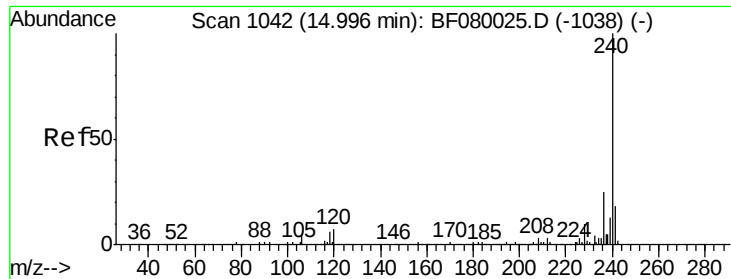
Delta R.T. -0.06 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 300774 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.2   | 0.0   | 38.3   |
| 203       | 17.2  | 0.0   | 37.3   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.88 min Scan# 1032

Delta R.T. -0.15 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

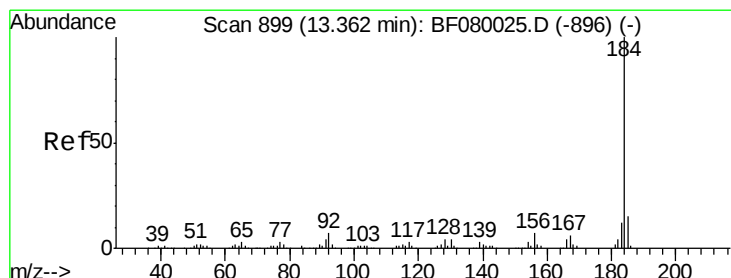
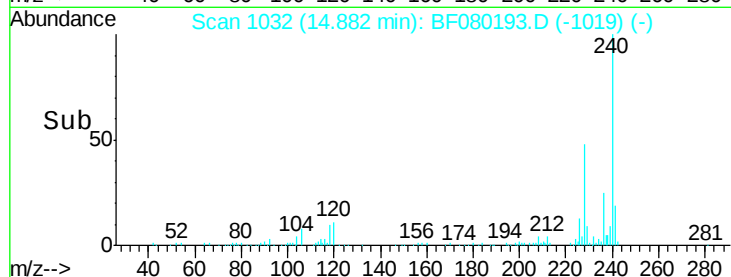
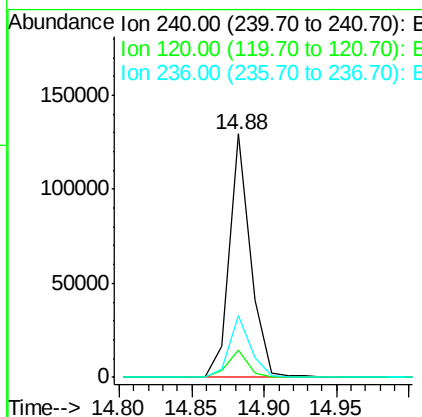
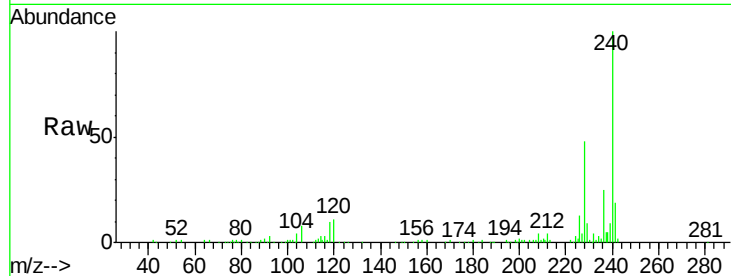
ClientSampleId :

PB84223BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 130913 |       |       |
| 120     | 11.1  | 16.2   | 24.2# |       |
| 236     | 25.5  | 18.4   | 27.6  |       |

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#76

Benzidine

Concen: 42.95 ng

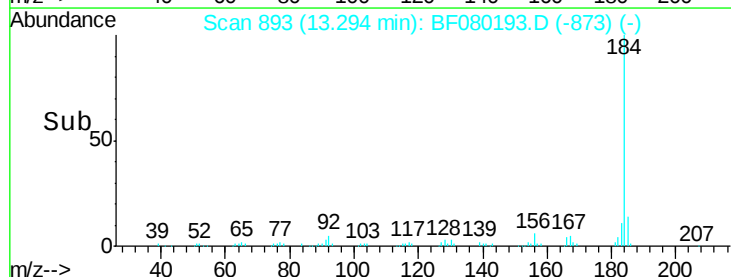
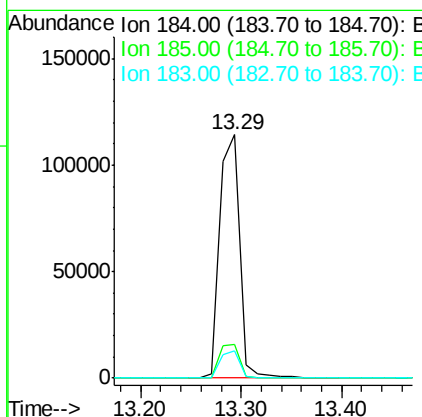
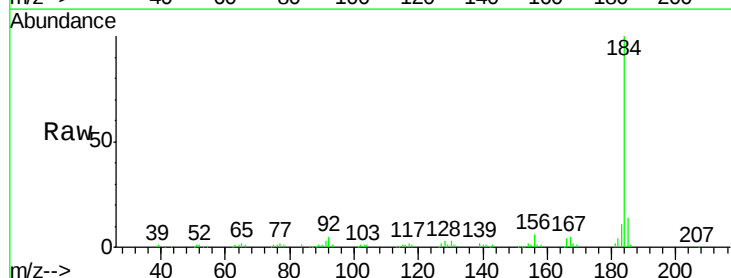
RT: 13.29 min Scan# 893

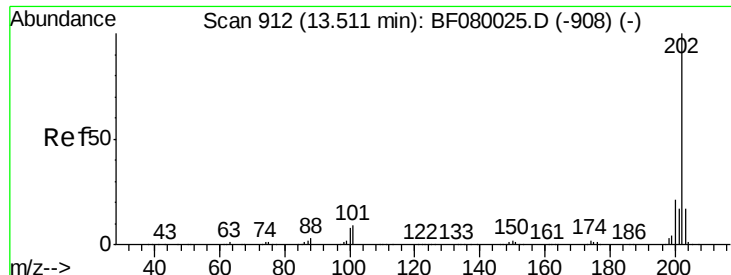
Delta R.T. -0.07 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 157154 |       |       |
| 185     | 13.7  | 11.8   | 17.6  |       |
| 183     | 11.1  | 7.6    | 11.4  |       |





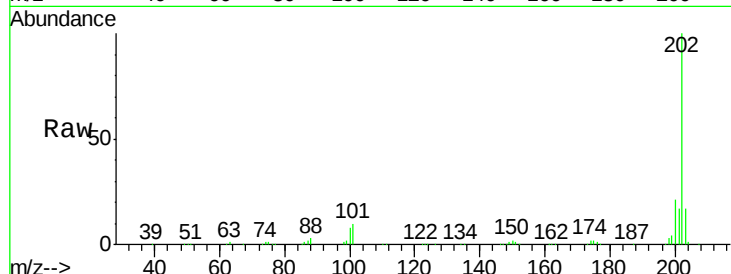
#77  
 Pyrene  
 Concen: 38.72 ng  
 RT: 13.43 min Scan# 905  
 Delta R.T. -0.07 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

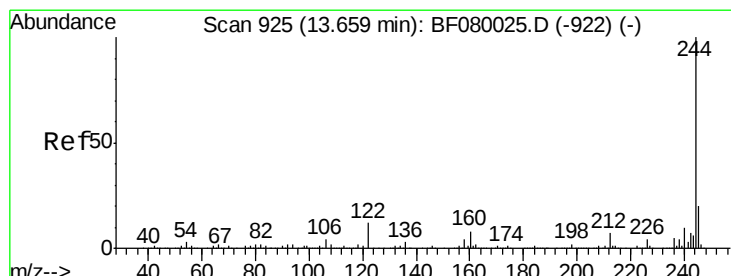
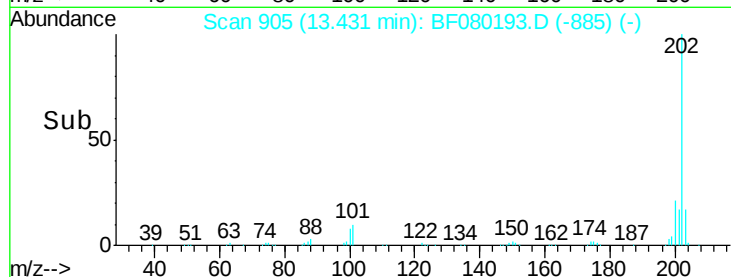
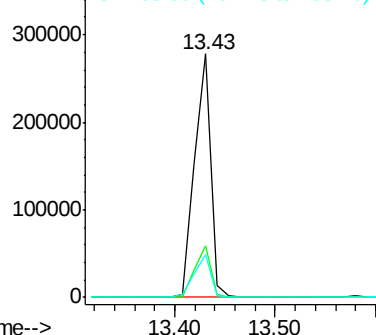
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 21.1  | 15.0       | 22.4       |
| 203     | 17.3  | 14.1       | 21.1       |

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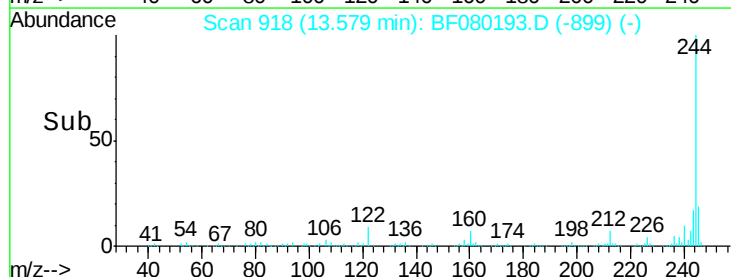
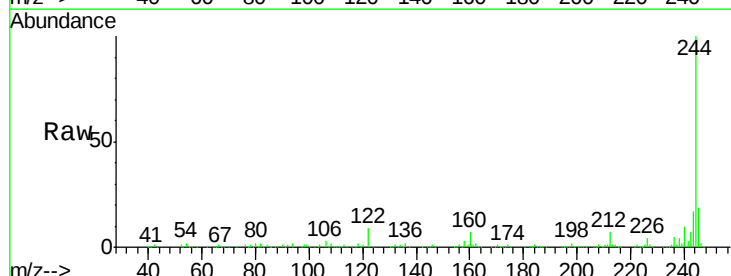
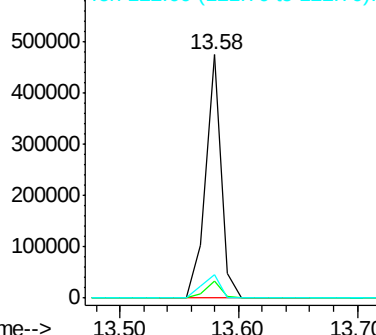
Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

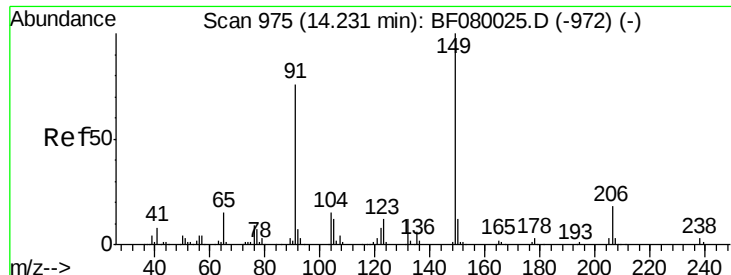


#78  
 Terphenyl-d14  
 Concen: 76.74 ng  
 RT: 13.58 min Scan# 918  
 Delta R.T. -0.08 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 6.9   | 4.3        | 6.5#       |
| 122     | 9.5   | 17.4       | 26.2#      |

Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E





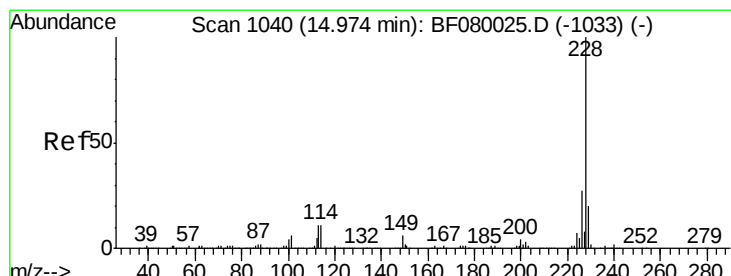
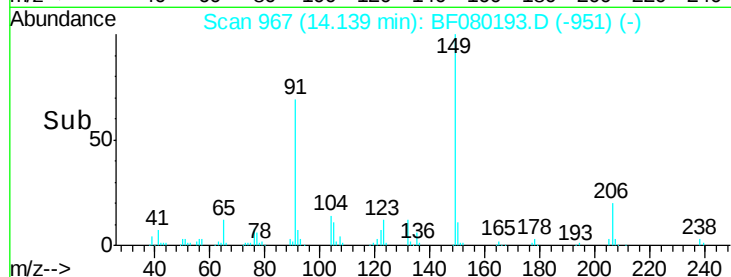
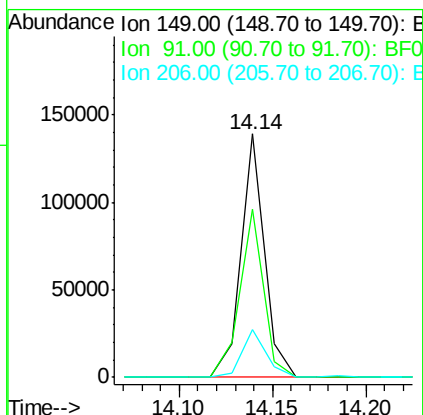
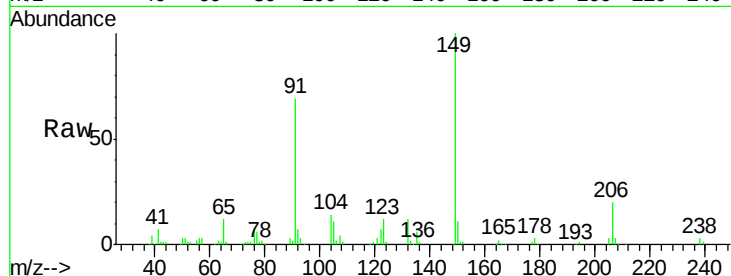
#79  
Butylbenzylphthalate  
Concen: 37.71 ng  
RT: 14.14 min Scan# 967  
Delta R.T. -0.11 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 69.0  | 48.6       | 72.8       |
| 206     | 19.5  | 14.9       | 22.3       |

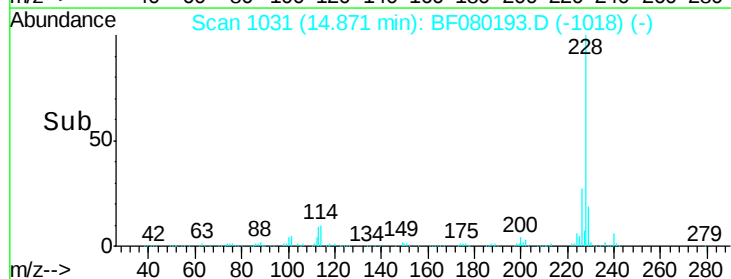
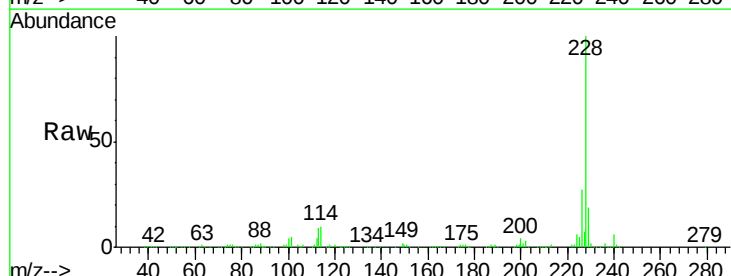
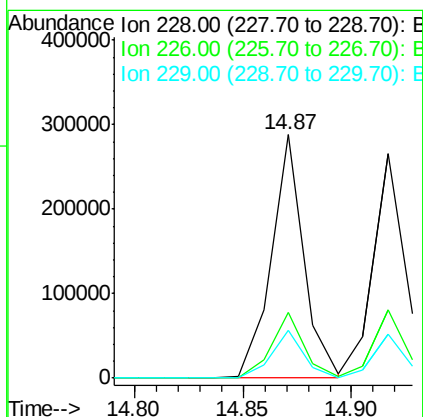
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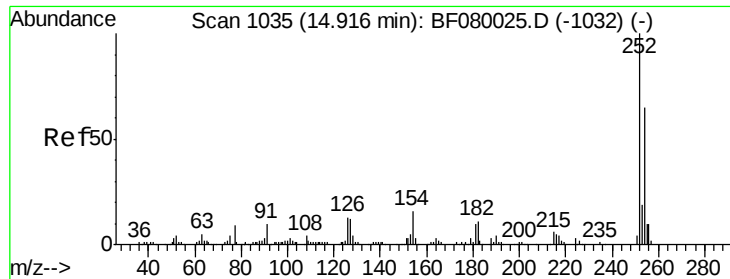
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#80  
Benzo(a)anthracene  
Concen: 37.62 ng  
RT: 14.87 min Scan# 1031  
Delta R.T. -0.15 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.1  | 20.0       | 30.0       |
| 229     | 19.4  | 15.4       | 23.2       |





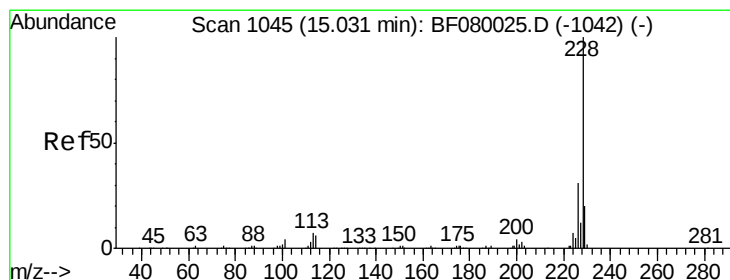
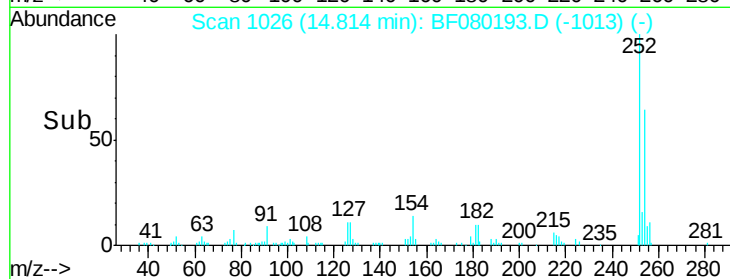
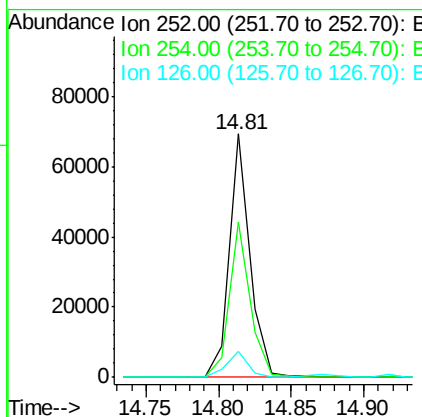
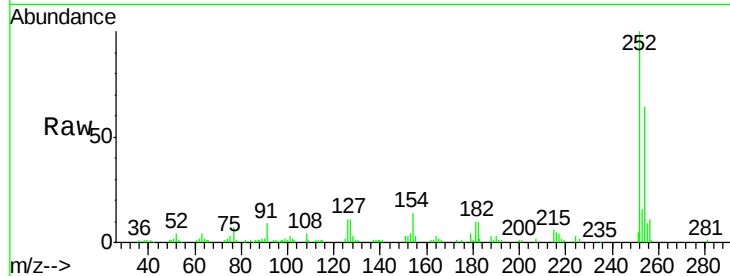
#81  
 3,3'-Dichlorobenzidine  
 Concen: 24.79 ng  
 RT: 14.81 min Scan# 1026  
 Delta R.T. -0.15 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 63.8  | 51.4       | 77.2       |
| 126     | 10.9  | 16.4       | 24.6       |

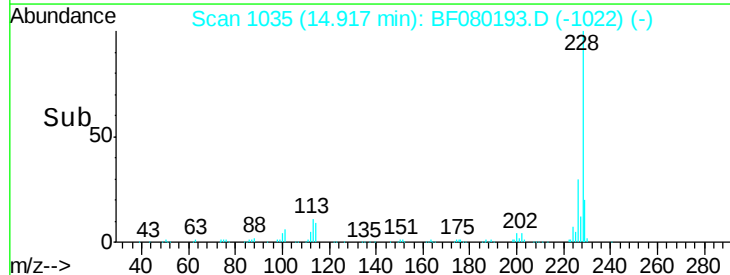
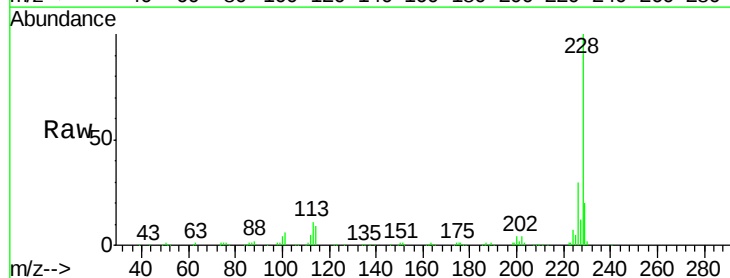
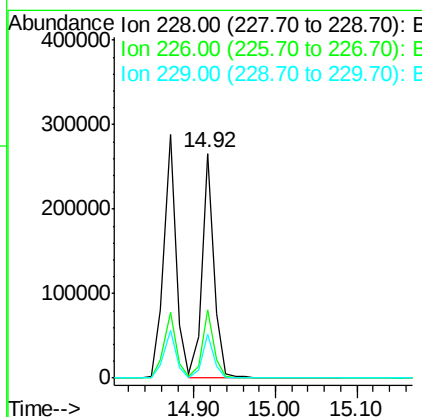
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#82  
 Chrysene  
 Concen: 37.58 ng  
 RT: 14.92 min Scan# 1035  
 Delta R.T. -0.15 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.3  | 21.0       | 31.4       |
| 229     | 19.8  | 15.6       | 23.4       |





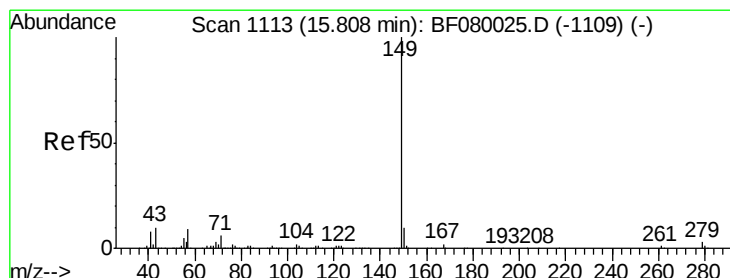
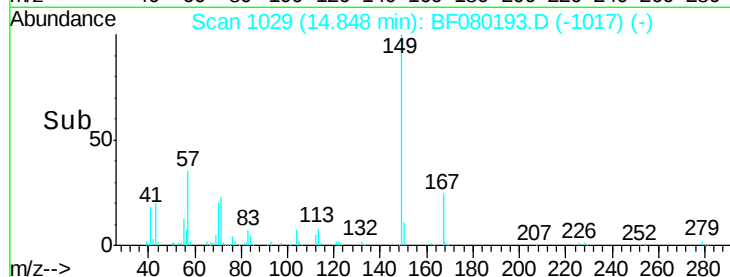
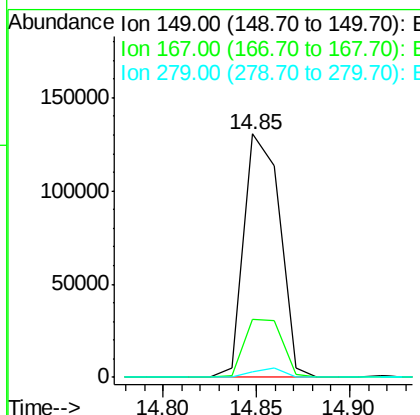
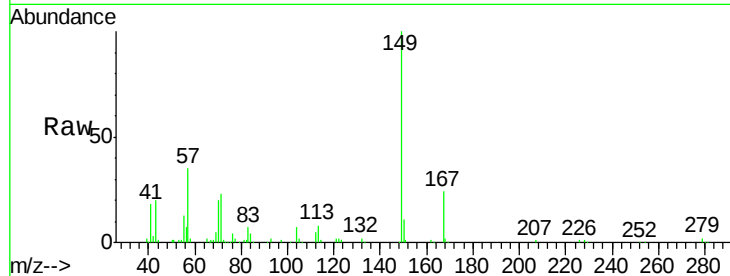
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 34.23 ng  
 RT: 14.85 min Scan# 1029  
 Delta R.T. -0.16 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 175084 |       |       |
| 167     | 23.9  | 24.2   | 36.2# |       |
| 279     | 2.1   | 3.8    | 5.6#  |       |

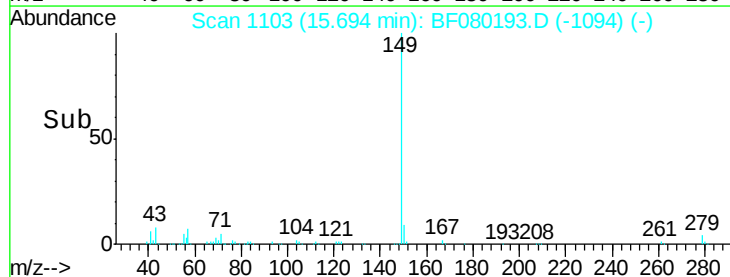
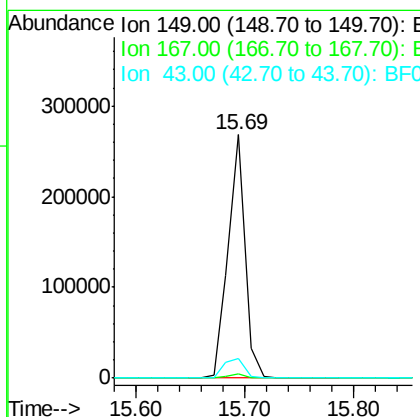
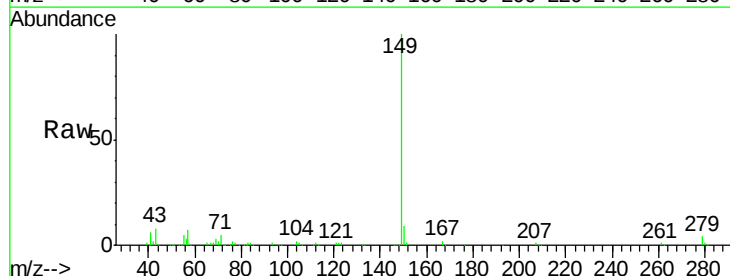
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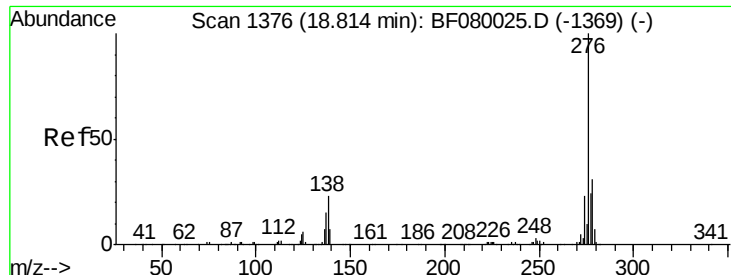
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#84  
 Di-n-octyl phthalate  
 Concen: 33.00 ng  
 RT: 15.69 min Scan# 1103  
 Delta R.T. -0.19 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 289248 |       |       |
| 167     | 1.5   | 1.0    | 1.6   |       |
| 43      | 11.6  | 10.2   | 15.2  |       |





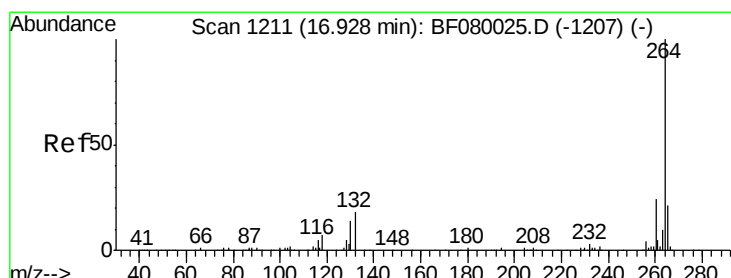
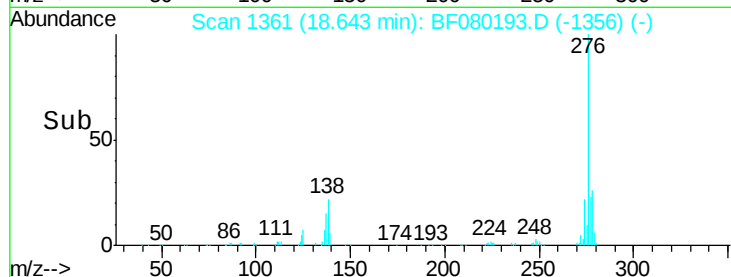
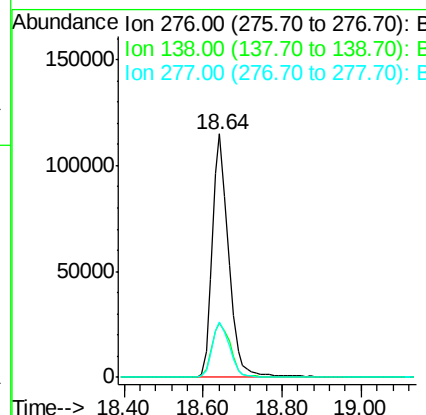
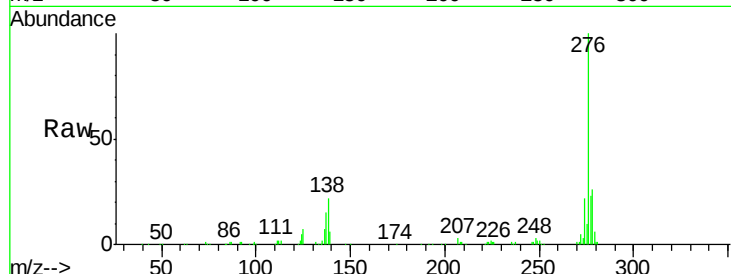
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.34 ng  
 RT: 18.64 min Scan# 1361  
 Delta R.T. -0.24 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84223BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.3  | 25.7  | 38.5# |
| 277     | 24.1  | 15.6  | 23.4# |

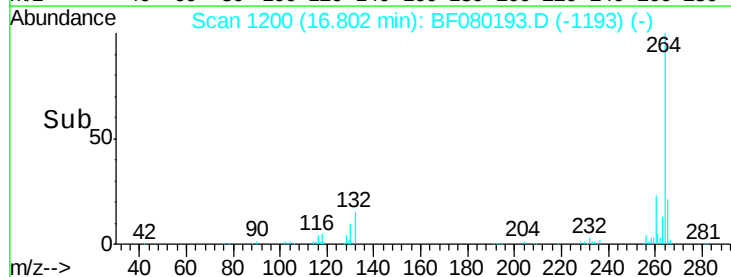
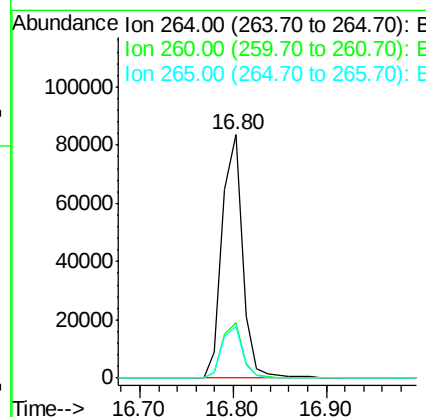
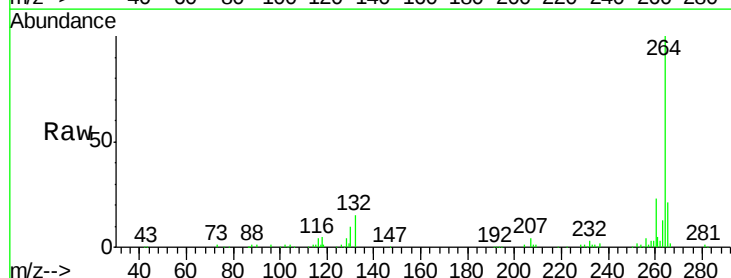
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.80 min Scan# 1200  
 Delta R.T. -0.22 min  
 Lab File: BF080193.D  
 Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 16.7  | 25.1  |
| 265     | 21.3  | 17.2  | 25.8  |





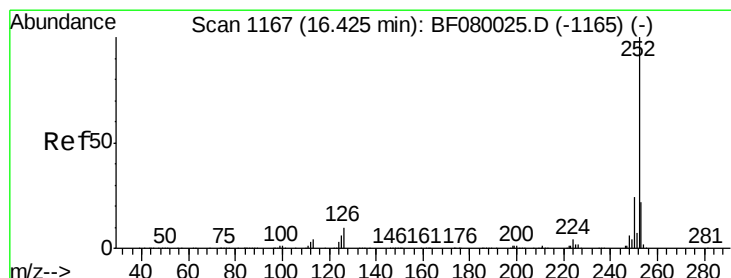
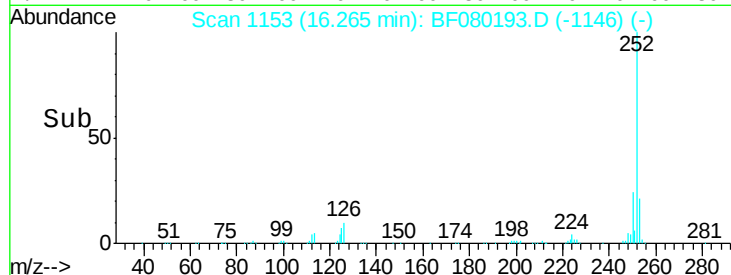
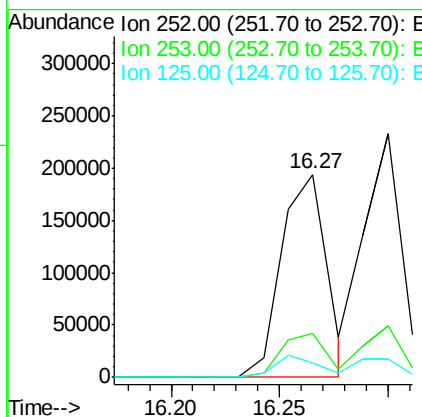
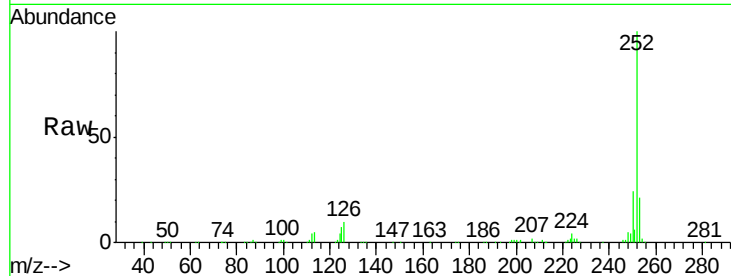
#87  
Benzo(b)fluoranthene  
Concen: 36.59 ng  
RT: 16.27 min Scan# 1153  
Delta R.T. -0.22 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.5  | 26.3  |
| 125     | 7.0   | 17.1  | 25.7# |

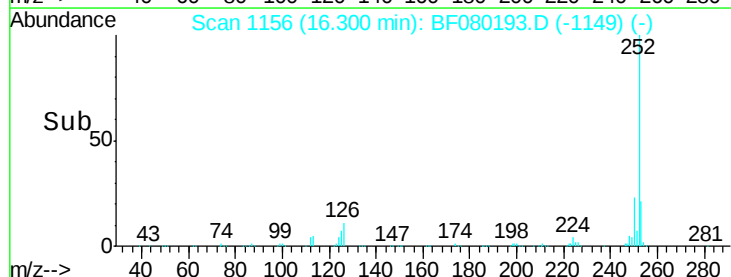
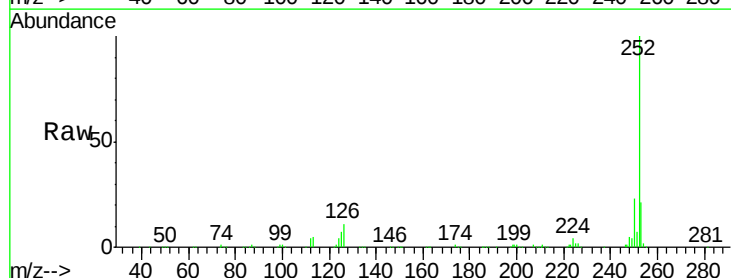
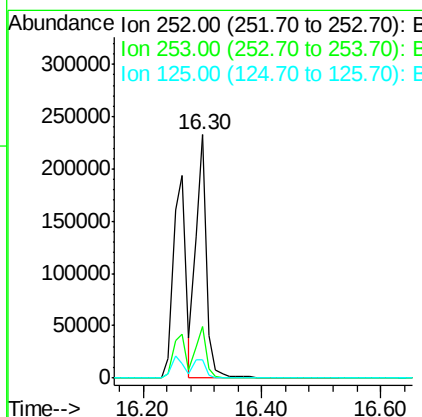
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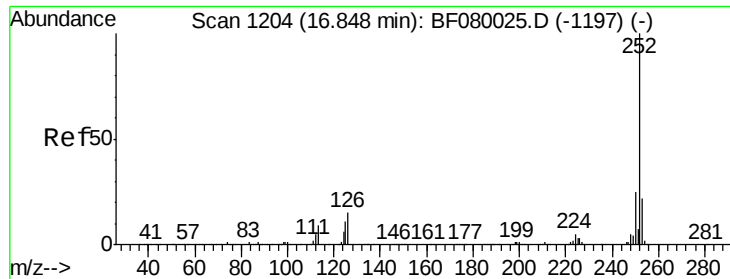
apatel  
6/29/2015 11:38:16 AM



#88  
Benzo(k)fluoranthene  
Concen: 37.68 ng  
RT: 16.30 min Scan# 1156  
Delta R.T. -0.22 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.0  | 25.4  |
| 125     | 7.3   | 16.0  | 24.0# |





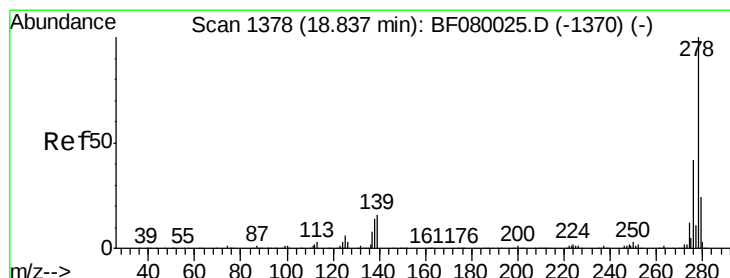
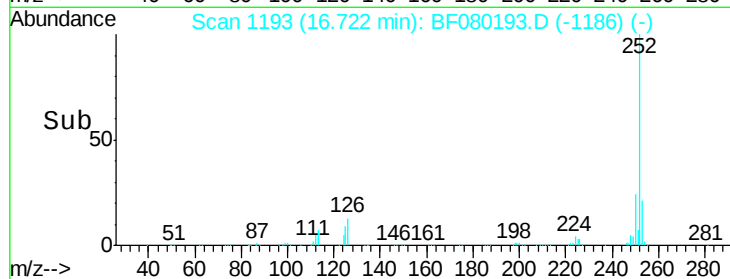
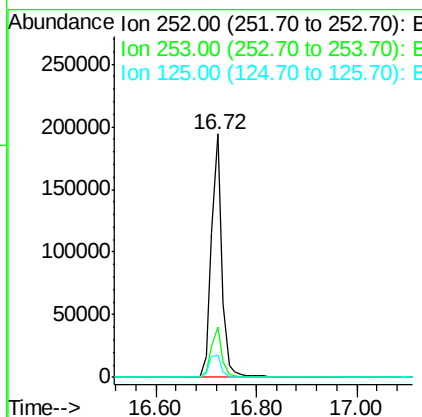
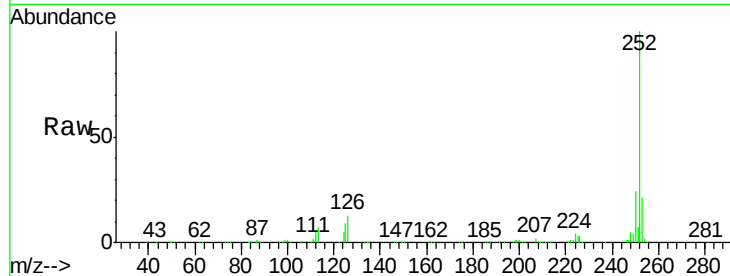
#89  
Benzo(a)pyrene  
Concen: 38.77 ng  
RT: 16.72 min Scan# 1193  
Delta R.T. -0.22 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB84223BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 20.8  | 17.2       | 25.8       |
| 125     | 9.3   | 18.0       | 27.0       |

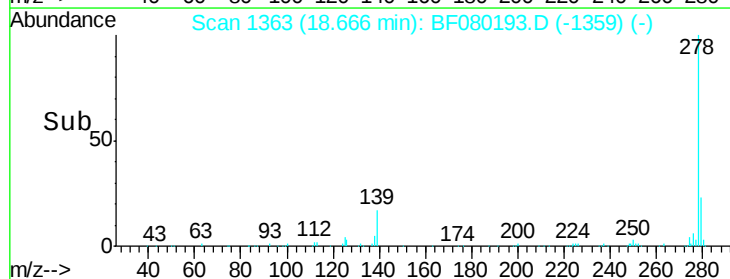
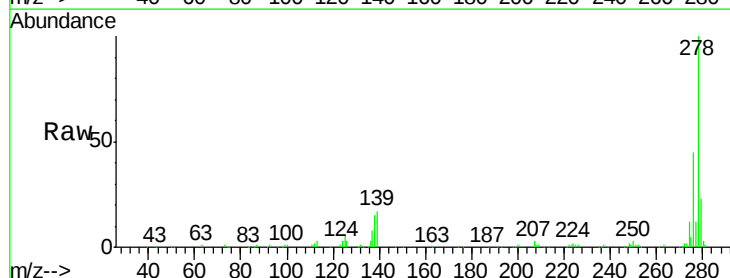
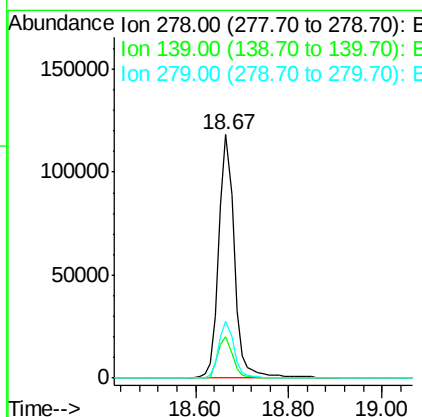
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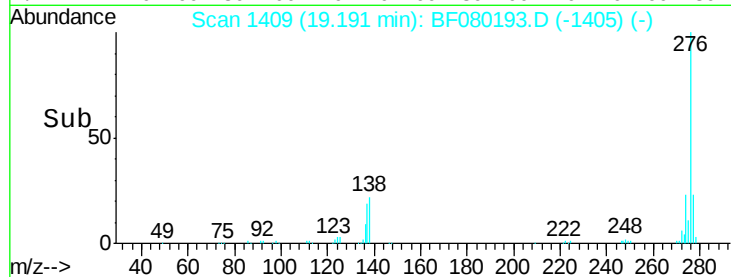
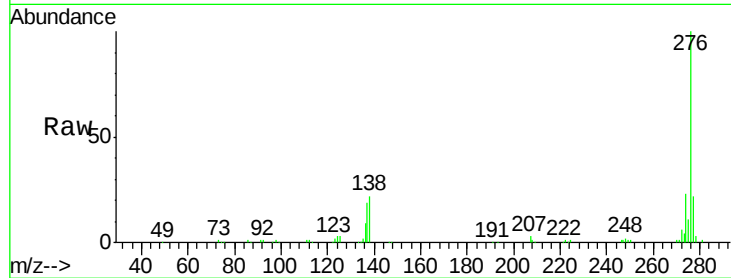
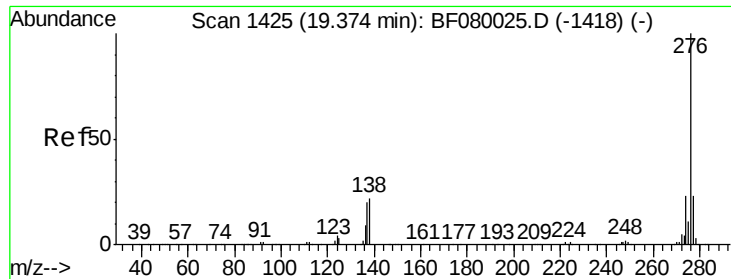
apatel  
6/29/2015 11:38:16 AM



#90  
Dibenzo(a,h)anthracene  
Concen: 36.45 ng  
RT: 18.67 min Scan# 1363  
Delta R.T. -0.25 min  
Lab File: BF080193.D  
Acq: 26 Jun 2015 17:02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 17.0  | 26.3       | 39.5       |
| 279     | 23.1  | 18.2       | 27.4       |





#91

Benzo(g,h,i)perylene

Concen: 37.21 ng

RT: 19.19 min Scan# 1409

Delta R.T. -0.25 min

Lab File: BF080193.D

Acq: 26 Jun 2015 17:02

Instrument :

BNA\_F

ClientSampleId :

PB84223BS

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 276 | 100  |       | 281755 |       |       |
| 277 | 22.5 | 17.8  | 26.6   |       |       |
| 138 | 21.8 | 34.6  | 51.8   |       |       |

Manual Integrations  
APPROVED

apatel  
6/29/2015 11:38:16 AM

