

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072415\  
 Data File : BF080629.D  
 Acq On : 24 Jul 2015 16:55  
 Operator : TP/UM  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
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 7/27/2015 4:21:33 PM

Quant Time: Jul 24 23:03:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 24 22:49:30 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.93  | 152  | 50541    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.21  | 136  | 187349   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.97  | 164  | 108556   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.46 | 188  | 210415   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.26 | 240  | 188369   | 20.00 | ng    | 0.10     |
| 86) Perylene-d12          | 15.93 | 264  | 161886   | 20.00 | ng    | 0.19     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.50  | 112 | 63403  | 21.73 | ng | 0.00  |
| 7) Phenol-d6             | 6.53  | 99  | 71313  | 20.12 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.49  | 82  | 72238  | 21.64 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.76 | 330 | 19556  | 22.22 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.30  | 172 | 138366 | 18.82 | ng | 0.00  |
| 78) Terphenyl-d14        | 13.08 | 244 | 188073 | 21.14 | ng | 0.02  |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.46 | 88  | 15921  | 11.82 | ng | 87     |
| 3) Pyridine                    | 3.28 | 79  | 31717  | 8.82  | ng | 89     |
| 4) n-Nitrosodimethylamine      | 3.15 | 42  | 21153  | 9.38  | ng | # 98   |
| 6) Aniline                     | 6.58 | 93  | 53704  | 10.52 | ng | 98     |
| 8) 2-Chlorophenol              | 6.70 | 128 | 36250  | 11.61 | ng | 96     |
| 9) Benzaldehyde                | 6.48 | 77  | 27200  | 10.64 | ng | 95     |
| 10) Phenol                     | 6.56 | 94  | 43581  | 10.26 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.66 | 93  | 33602  | 11.18 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.86 | 146 | 36457  | 9.35  | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.94 | 146 | 40840  | 10.63 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.10 | 146 | 38077  | 10.64 | ng | 97     |
| 15) Benzyl Alcohol             | 7.06 | 79  | 31856  | 10.32 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 55774  | 9.52  | ng | 95     |
| 17) 2-Methylphenol             | 7.17 | 107 | 29155  | 11.81 | ng | 96     |
| 18) Hexachloroethane           | 7.45 | 117 | 14765  | 10.92 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.33 | 70  | 30991  | 12.95 | ng | # 92   |
| 20) 3+4-Methylphenols          | 7.32 | 107 | 34864  | 10.25 | ng | # 48   |
| 22) Acetophenone               | 7.33 | 105 | 55250  | 12.20 | ng | # 90   |
| 24) Nitrobenzene               | 7.50 | 77  | 40269  | 11.57 | ng | 99     |
| 25) Isophorone                 | 7.74 | 82  | 70154  | 11.54 | ng | 100    |
| 26) 2-Nitrophenol              | 7.82 | 139 | 12548  | 9.88  | ng | # 43   |
| 27) 2,4-Dimethylphenol         | 7.86 | 122 | 29056  | 10.60 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93  | 43957  | 12.87 | ng | 95     |
| 29) 2,4-Dichlorophenol         | 8.06 | 162 | 27506  | 11.84 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 32013  | 10.81 | ng | 95     |
| 31) Naphthalene                | 8.24 | 128 | 101982 | 10.97 | ng | 100    |
| 32) Benzoic acid               | 7.90 | 122 | 9881   | 8.02  | ng | 98     |
| 33) 4-Chloroaniline            | 8.28 | 127 | 47832  | 12.96 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.36 | 225 | 22430  | 12.64 | ng | 100    |
| 35) Caprolactam                | 8.60 | 113 | 7895   | 12.70 | ng | # 51   |
| 36) 4-Chloro-3-methylphenol    | 8.75 | 107 | 30881  | 11.59 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.93 | 142 | 69012  | 12.75 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.09 | 216 | 32772  | 9.17  | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.09 | 237 | 17780  | 9.29  | ng | 96     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 24 22:49:30 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.21  | 196  | 20082    | 9.67  | ng    | 89       |
| 43) 2,4,5-Trichlorophenol      | 9.24  | 196  | 21869m   | 10.43 | ng    |          |
| 45) 1,1'-Biphenyl              | 9.39  | 154  | 80799    | 9.37  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.41  | 162  | 66403    | 9.49  | ng    | 97       |
| 47) 2-Nitroaniline             | 9.50  | 65   | 21327    | 9.96  | ng    | 97       |
| 48) Acenaphthylene             | 9.84  | 152  | 113442   | 10.70 | ng    | 99       |
| 49) Dimethylphthalate          | 9.69  | 163  | 88791    | 11.29 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.74  | 165  | 13292    | 9.12  | ng    | 97       |
| 51) Acenaphthene               | 10.01 | 154  | 65650    | 10.30 | ng    | 96       |
| 52) 3-Nitroaniline             | 9.92  | 138  | 17472    | 10.61 | ng    | 90       |
| 53) 2,4-Dinitrophenol          | 10.02 | 184  | 3773     | 8.65  | ng    | 95       |
| 54) Dibenzofuran               | 10.18 | 168  | 97259    | 10.63 | ng    | 95       |
| 55) 4-Nitrophenol              | 10.06 | 139  | 10988    | 9.22  | ng    | 91       |
| 56) 2,4-Dinitrotoluene         | 10.14 | 165  | 18195    | 9.93  | ng    | 99       |
| 57) Fluorene                   | 10.52 | 166  | 79241    | 10.84 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.29 | 232  | 18678m   | 11.49 | ng    |          |
| 59) Diethylphthalate           | 10.40 | 149  | 78648    | 10.41 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.52 | 204  | 33341    | 10.12 | ng    | 97       |
| 61) 4-Nitroaniline             | 10.52 | 138  | 17343    | 10.55 | ng    | 88       |
| 62) Azobenzene                 | 10.67 | 77   | 81810    | 10.64 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.56 | 198  | 6922     | 9.24  | ng    | 98       |
| 65) n-Nitrosodiphenylamine     | 10.62 | 169  | 66176    | 9.75  | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 11.00 | 248  | 19148    | 9.02  | ng    | # 87     |
| 67) Hexachlorobenzene          | 11.07 | 284  | 24608    | 10.16 | ng    | 95       |
| 68) Atrazine                   | 11.15 | 200  | 19936    | 10.75 | ng    | 97       |
| 69) Pentachlorophenol          | 11.27 | 266  | 10469    | 9.20  | ng    | 96       |
| 70) Phenanthrene               | 11.48 | 178  | 124360   | 10.59 | ng    | 98       |
| 71) Anthracene                 | 11.54 | 178  | 111191   | 10.01 | ng    | 97       |
| 72) Carbazole                  | 11.69 | 167  | 105778   | 10.94 | ng    | 99       |
| 73) Di-n-butylphthalate        | 12.03 | 149  | 131871   | 11.74 | ng    | 98       |
| 74) Fluoranthene               | 12.69 | 202  | 113607   | 10.76 | ng    | 91       |
| 76) Benzidine                  | 12.82 | 184  | 71831    | 12.61 | ng    | 98       |
| 77) Pyrene                     | 12.92 | 202  | 117155   | 9.42  | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.61 | 149  | 50915    | 11.81 | ng    | 99       |
| 80) Benzo(a)anthracene         | 14.25 | 228  | 113786   | 10.73 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.20 | 252  | 37717    | 12.26 | ng    | 94       |
| 82) Chrysene                   | 14.28 | 228  | 111235   | 10.60 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.26 | 149  | 80952    | 12.62 | ng    | # 98     |
| 84) Di-n-octyl phthalate       | 15.01 | 149  | 125291   | 14.71 | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.43 | 276  | 103314   | 12.08 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.48 | 252  | 97747    | 10.10 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 15.51 | 252  | 92311m   | 9.63  | ng    |          |
| 89) Benzo(a)pyrene             | 15.86 | 252  | 90664    | 10.52 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.45 | 278  | 83094    | 9.95  | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.87 | 276  | 83397    | 9.85  | ng    | 96       |

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

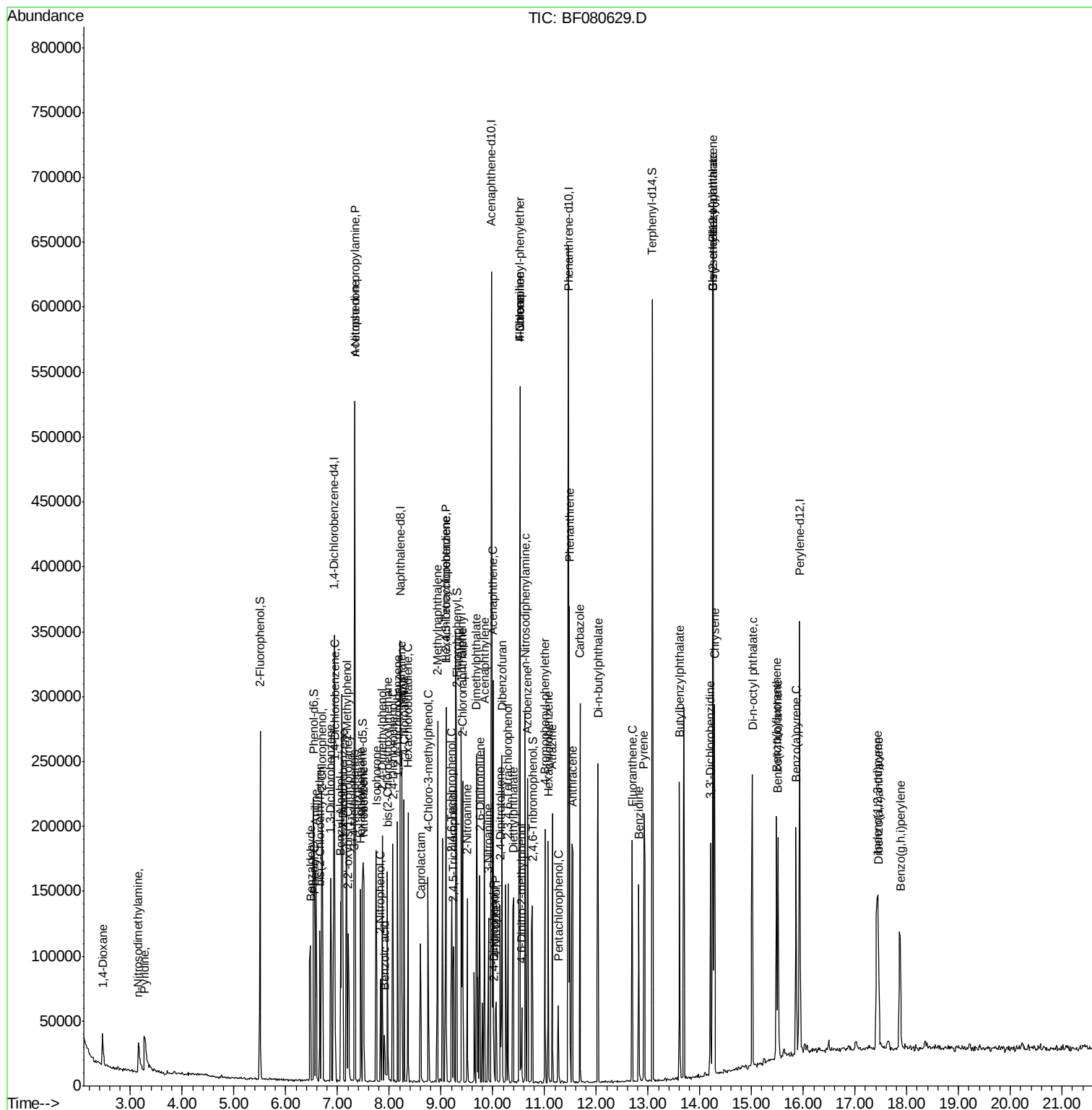
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072415\  
Data File : BF080629.D  
Acq On : 24 Jul 2015 16:55  
Operator : TP/UM  
Sample : SSTDICC010  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

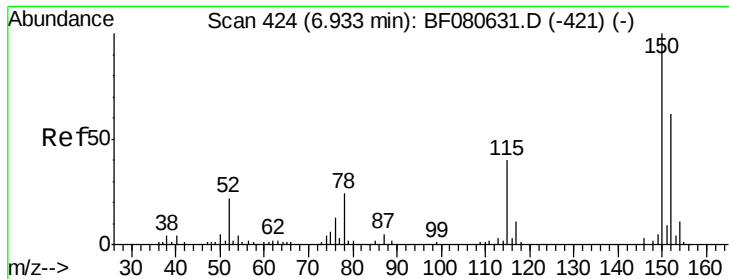
Instrument :  
BNA\_F  
ClientSampled :  
SSTDICC010

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#1

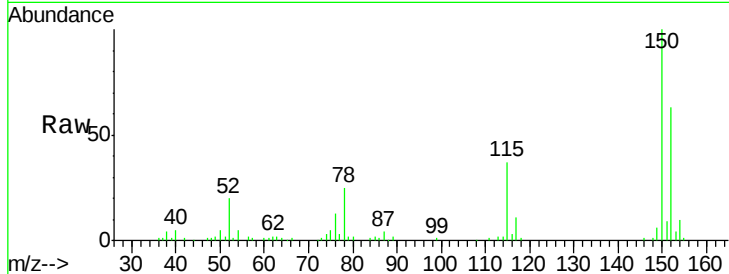
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.93 min Scan# 424  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

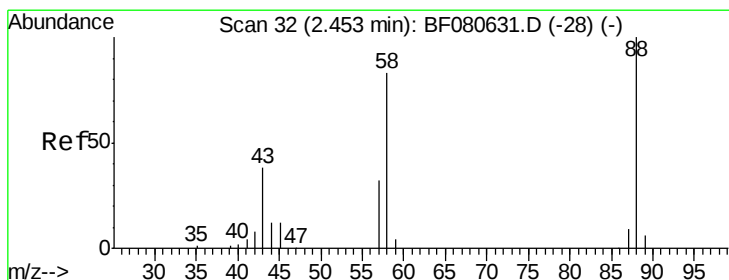
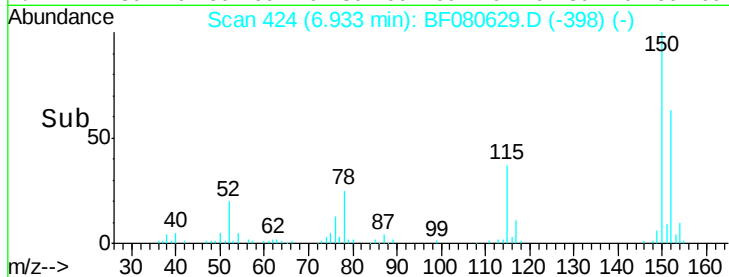
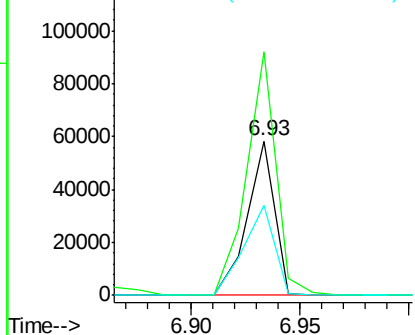
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.7 | 128.9 | 193.3 |
| 115     | 58.2  | 51.0  | 76.6  |

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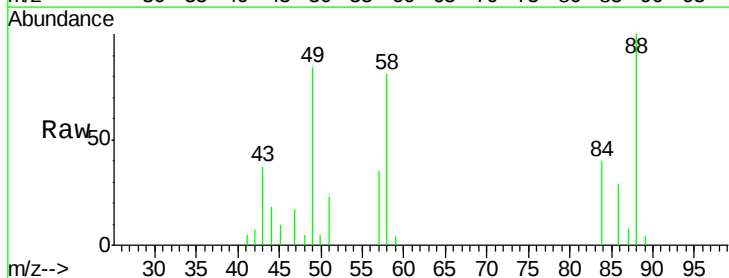
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



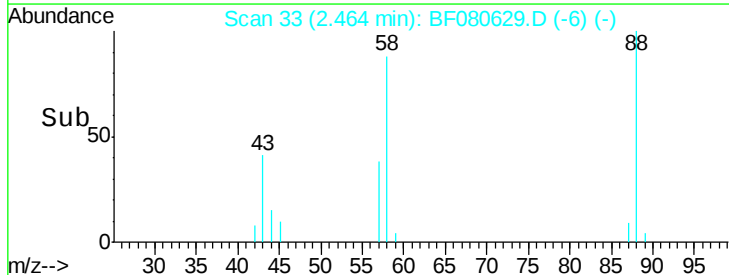
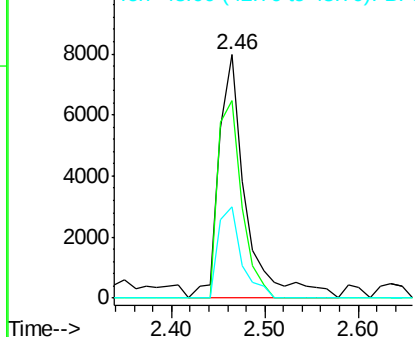
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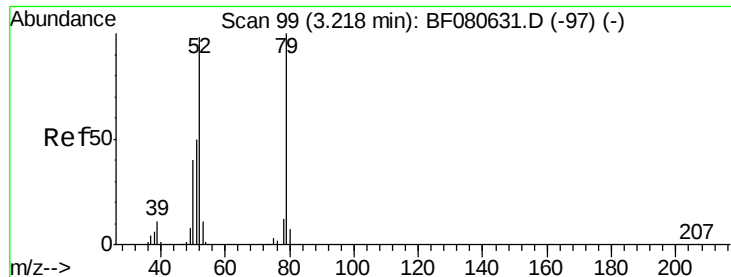
1,4-Dioxane  
Concen: 11.82 ng  
RT: 2.46 min Scan# 33  
Delta R.T. 0.01 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.8  | 67.7  | 101.5 |
| 43      | 32.4  | 30.9  | 46.3  |



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: 8.82 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.06 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

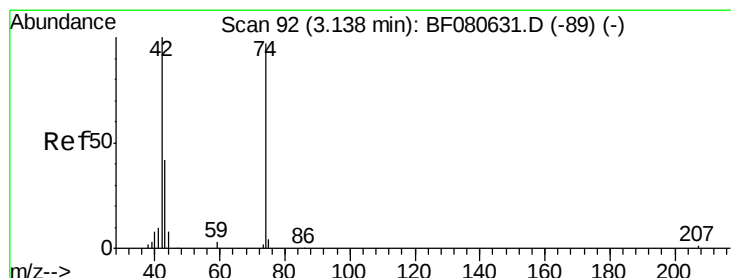
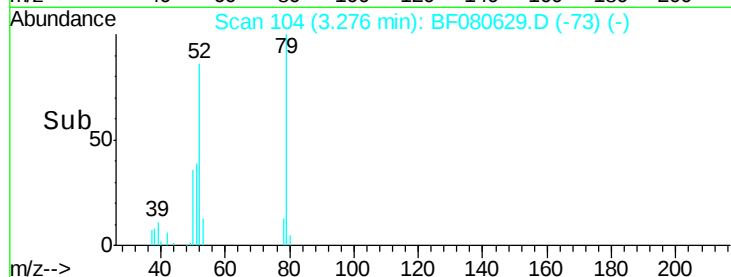
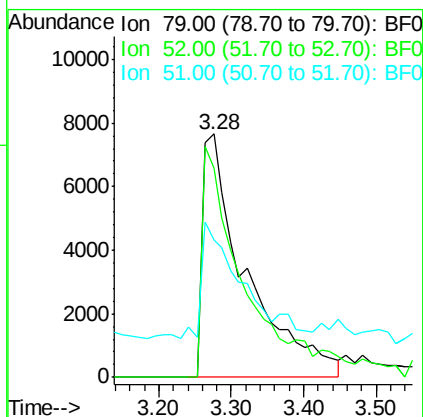
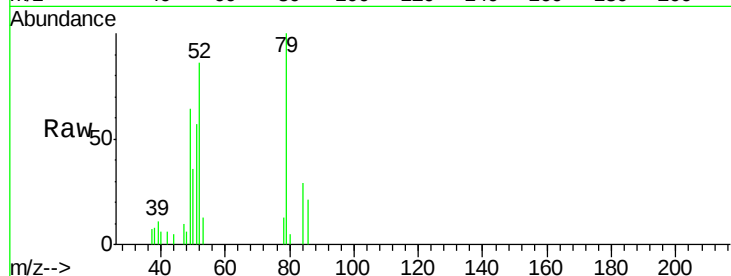
ClientSampleId :

SSTDICC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 31717 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 86.1  | 78.8  | 118.2 |
| 51       | 56.6  | 41.4  | 62.2  |

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#4

n-Nitrosodimethylamine

Concen: 9.38 ng

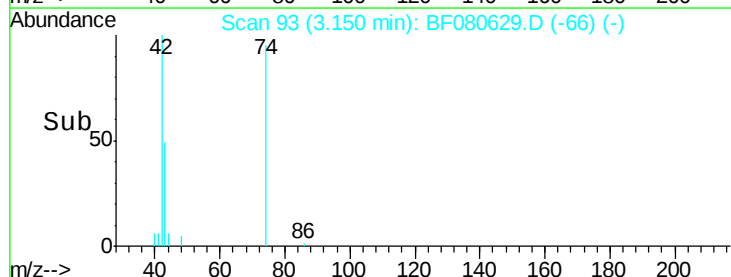
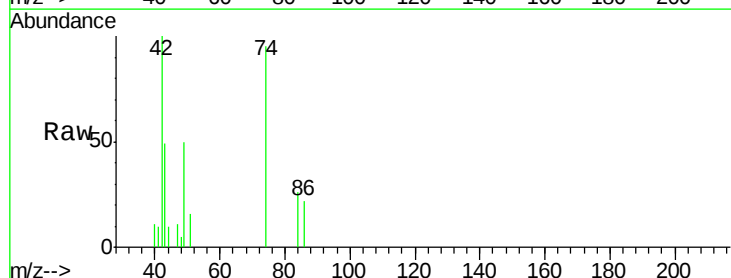
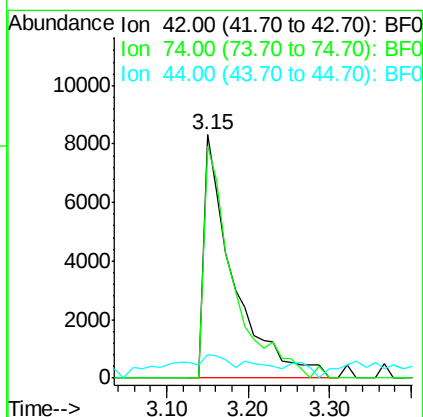
RT: 3.15 min Scan# 93

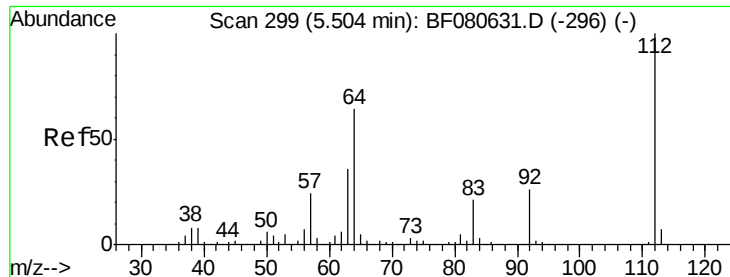
Delta R.T. 0.01 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 21153 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 95.4  | 77.8  | 116.6 |
| 44       | 9.6   | 6.2   | 9.4#  |





#5

2-Fluorophenol

Concen: 21.73 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

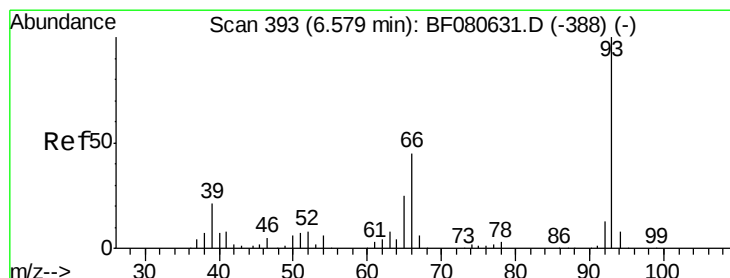
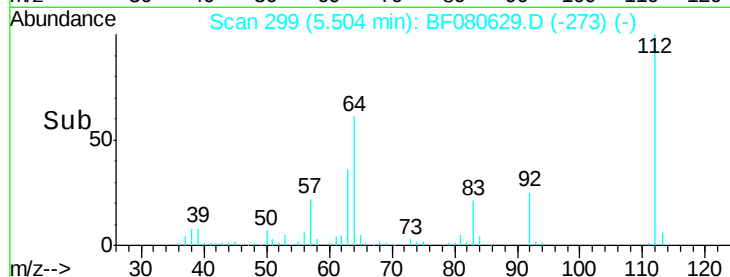
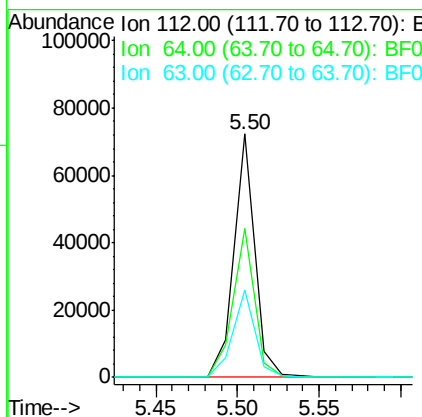
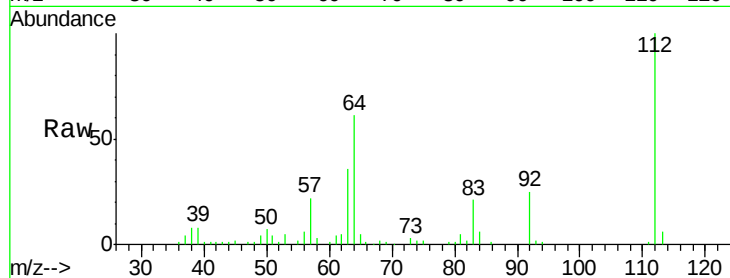
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 63403 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 61.3  | 51.2  | 76.8  |
| 63        | 35.8  | 29.0  | 43.6  |

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#6

Aniline

Concen: 10.52 ng

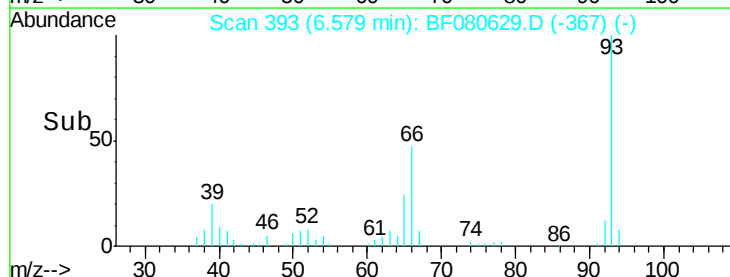
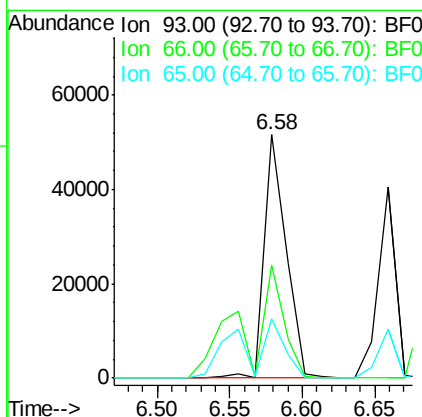
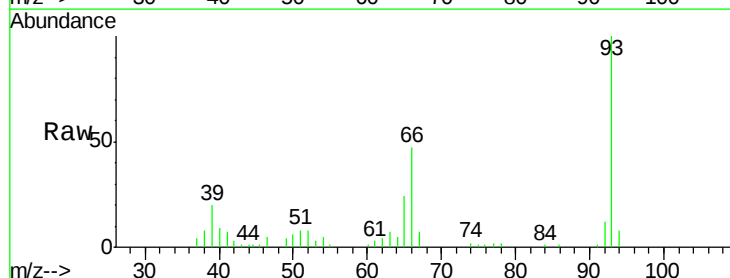
RT: 6.58 min Scan# 393

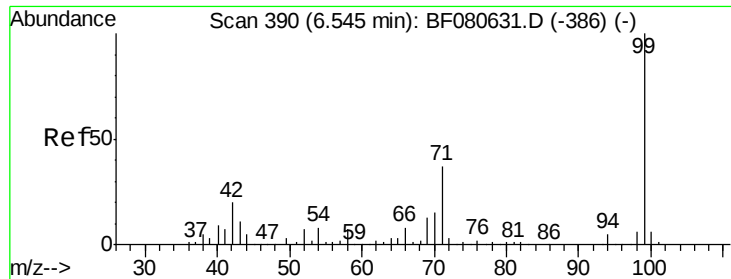
Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 53704 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 46.5  | 36.3  | 54.5  |
| 65        | 24.1  | 19.9  | 29.9  |





#7

Phenol-d6

Concen: 20.12 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

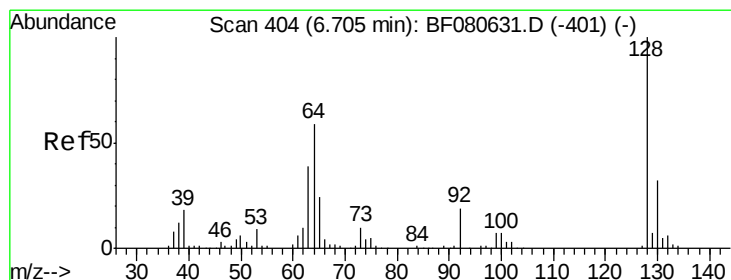
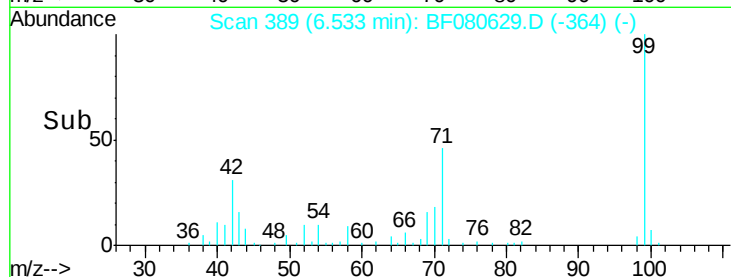
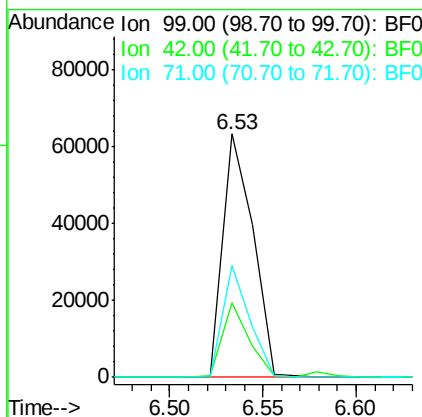
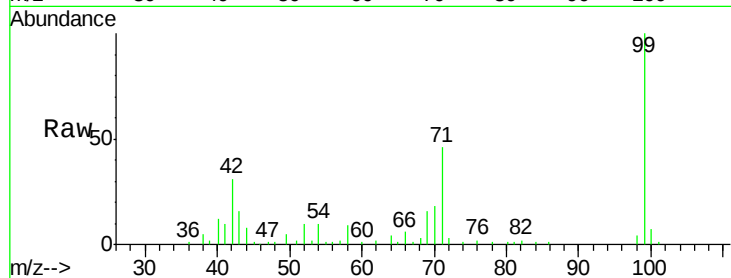
ClientSampleId :

SSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 71313 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 30.7  | 16.3  | 24.5# |
| 71        | 46.1  | 29.7  | 44.5# |

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#8

2-Chlorophenol

Concen: 11.61 ng

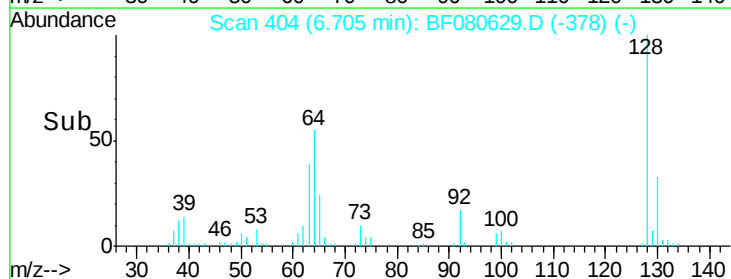
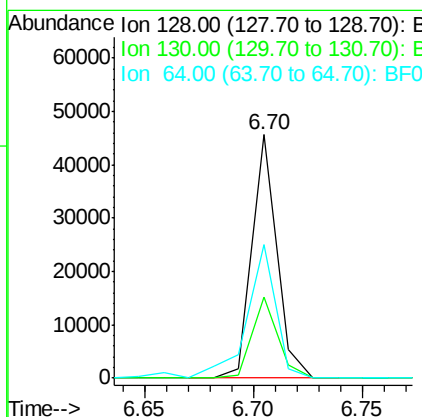
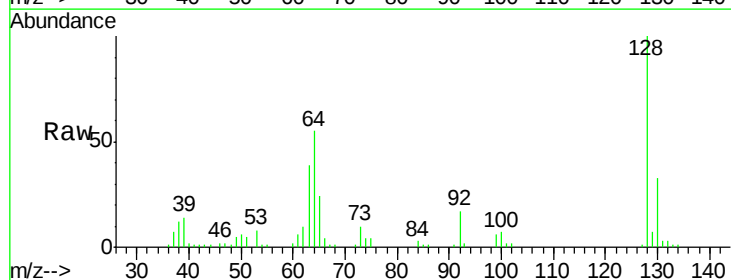
RT: 6.70 min Scan# 404

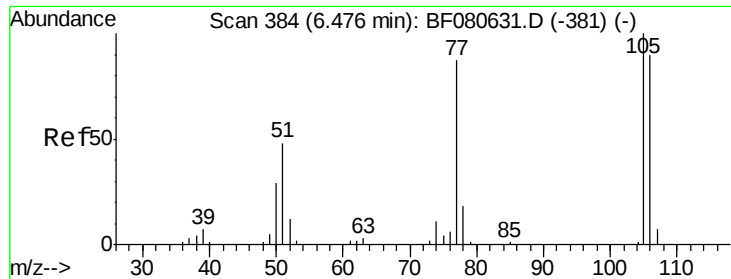
Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 36250 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 33.1  | 12.3  | 52.3  |
| 64        | 54.7  | 38.9  | 78.9  |





#9

Benzaldehyde

Concen: 10.64 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

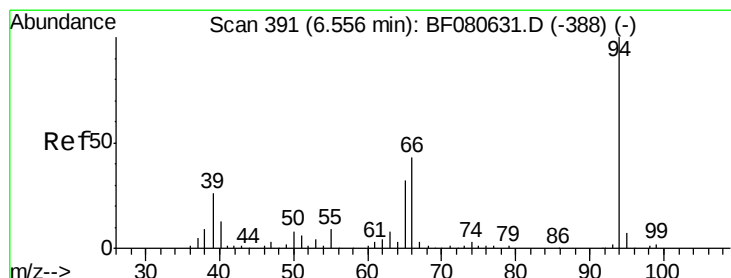
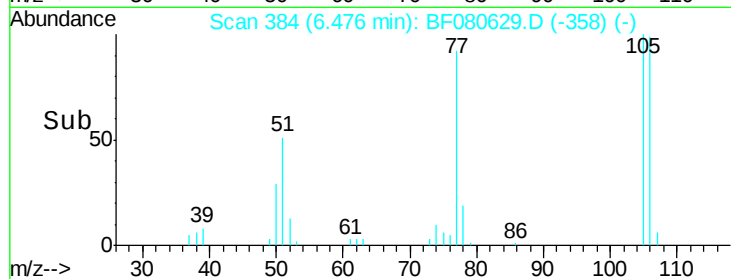
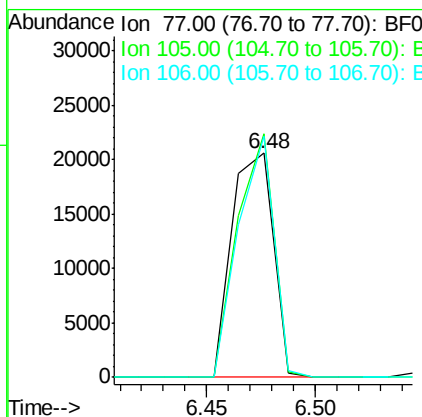
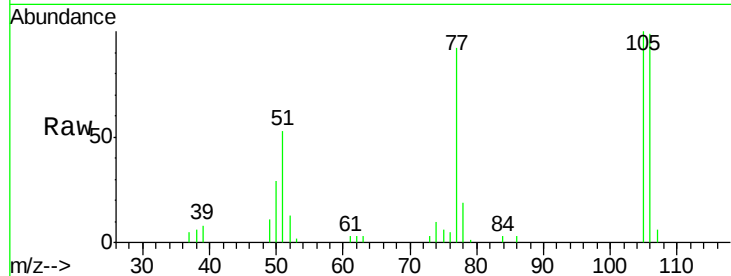
ClientSampleId :

SSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 27200 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 108.6 | 94.7  | 134.7 |
| 106      | 107.6 | 83.4  | 123.4 |

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apatel  
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#10

Phenol

Concen: 10.26 ng

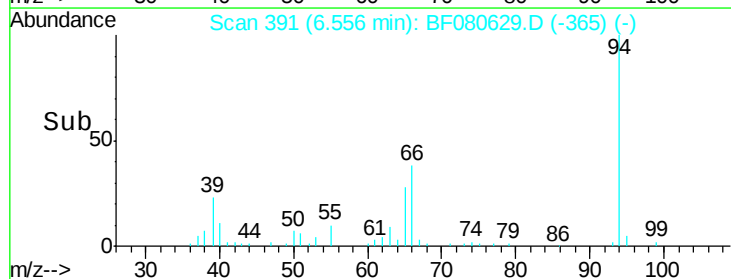
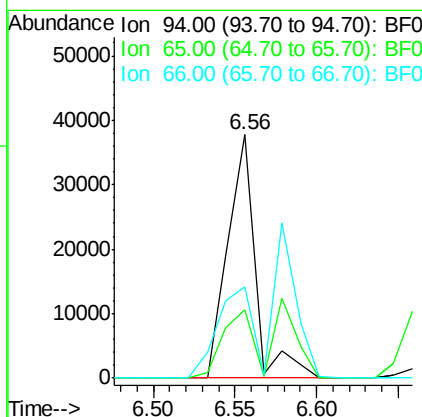
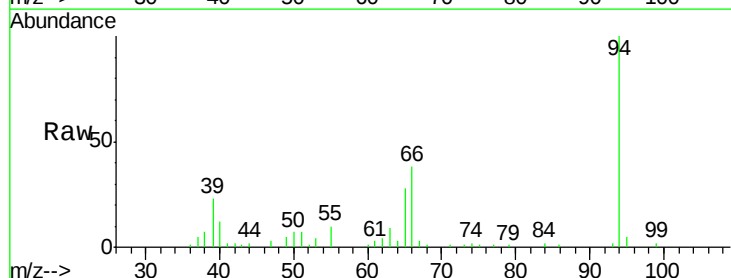
RT: 6.56 min Scan# 391

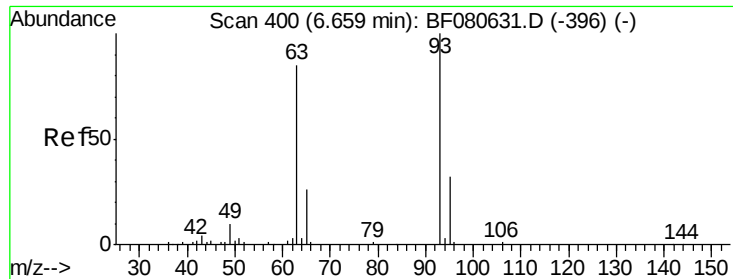
Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 43581 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 27.8  | 12.5  | 52.5  |
| 66       | 37.7  | 22.8  | 62.8  |





#11

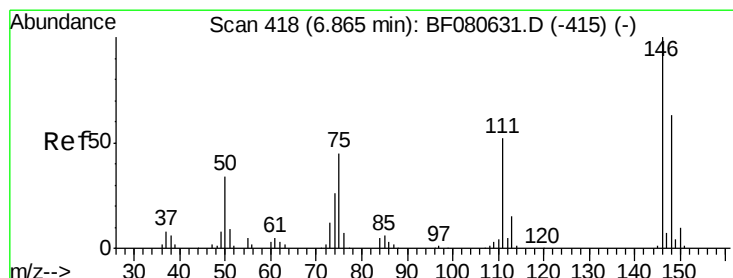
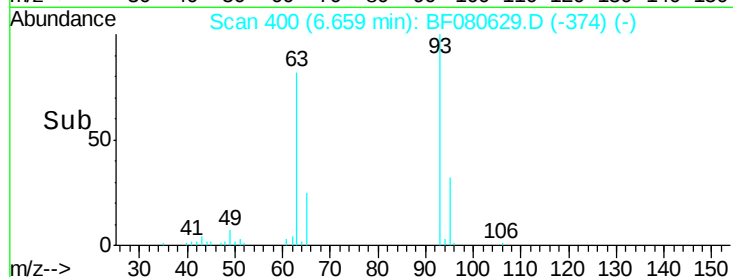
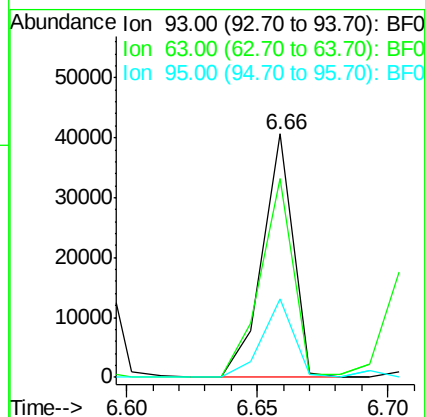
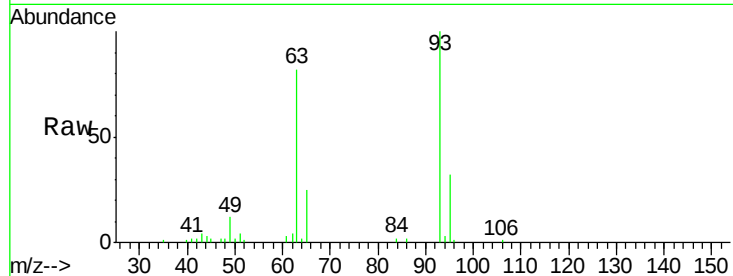
bis(2-Chloroethyl)ether  
Concen: 11.18 ng  
RT: 6.66 min Scan# 400  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 81.6  | 65.1  | 105.1 |
| 95      | 32.4  | 12.3  | 52.3  |

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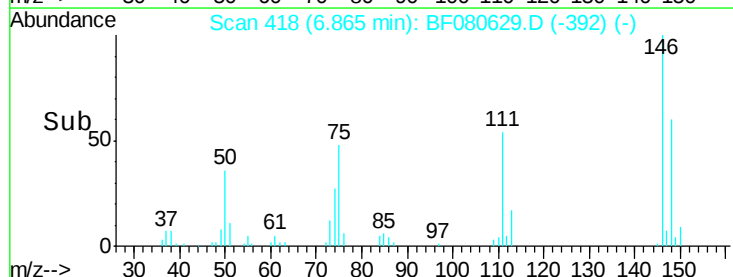
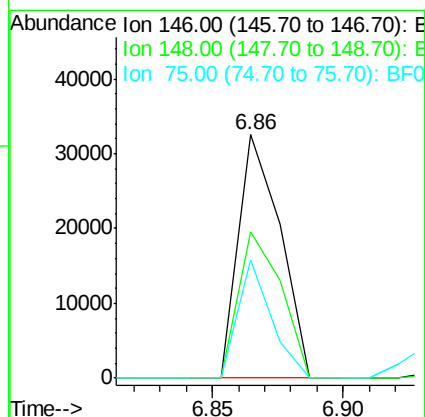
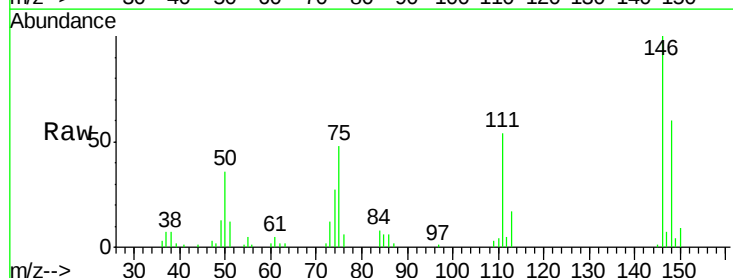
apatel  
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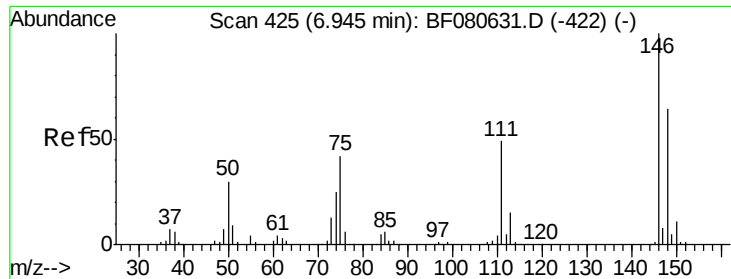


#12

1,3-Dichlorobenzene  
Concen: 9.35 ng  
RT: 6.86 min Scan# 418  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.2  | 50.2  | 75.2  |
| 75      | 48.3  | 36.3  | 54.5  |





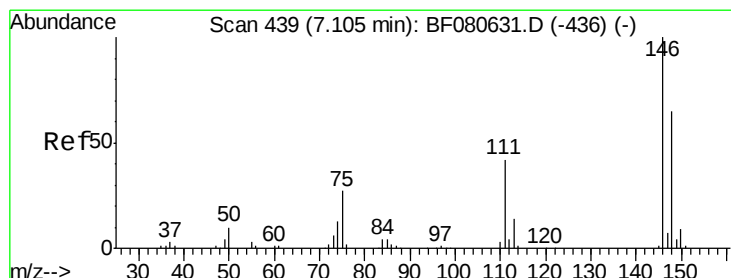
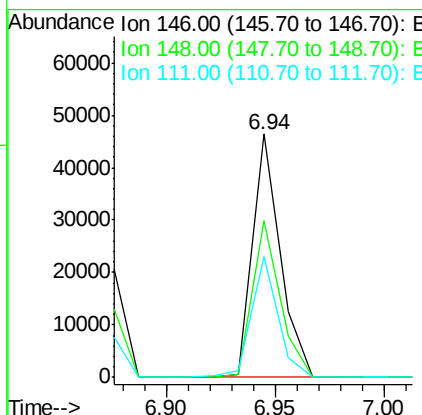
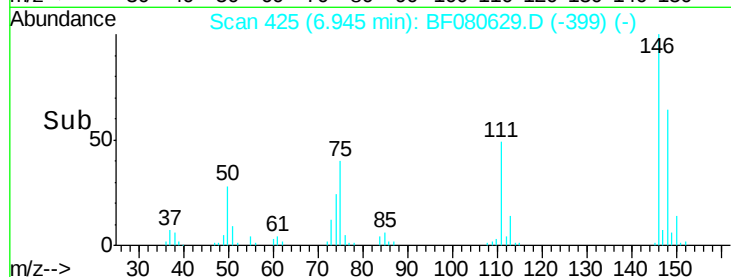
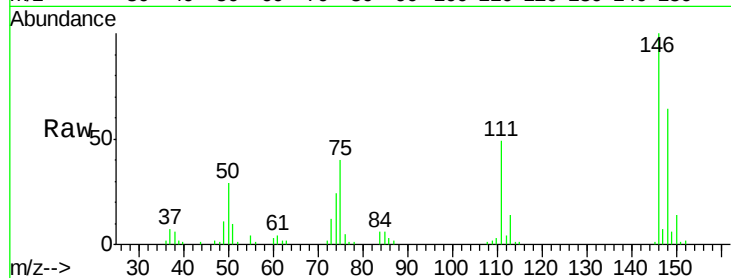
#13  
 1,4-Dichlorobenzene  
 Concen: 10.63 ng  
 RT: 6.94 min Scan# 425  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.4  | 77.2  |
| 111     | 49.5  | 39.5  | 59.3  |

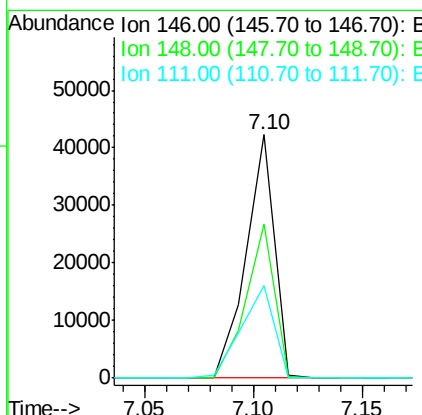
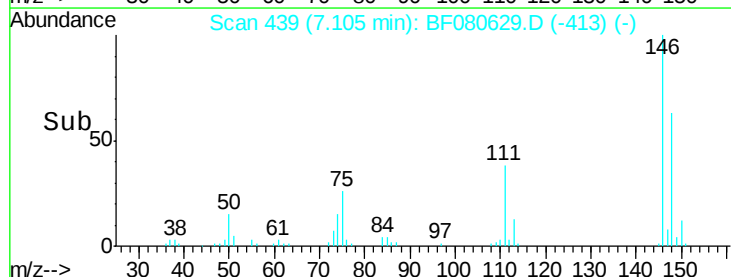
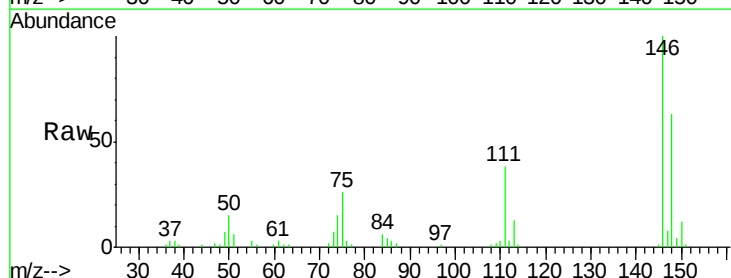
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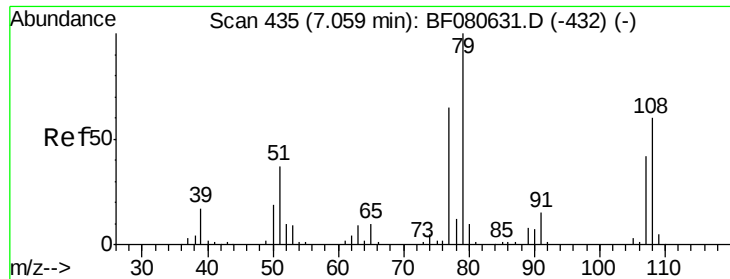
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#14  
 1,2-Dichlorobenzene  
 Concen: 10.64 ng  
 RT: 7.10 min Scan# 439  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.6  | 77.4  |
| 111     | 37.8  | 33.4  | 50.0  |





#15

Benzyl Alcohol

Concen: 10.32 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

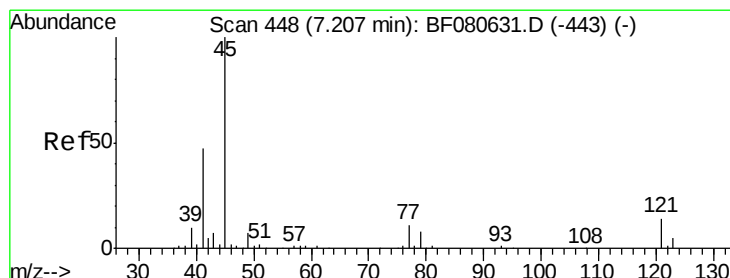
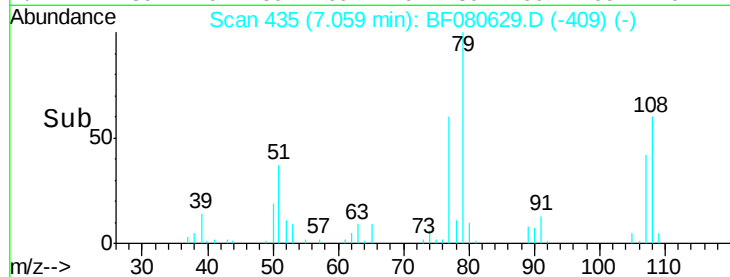
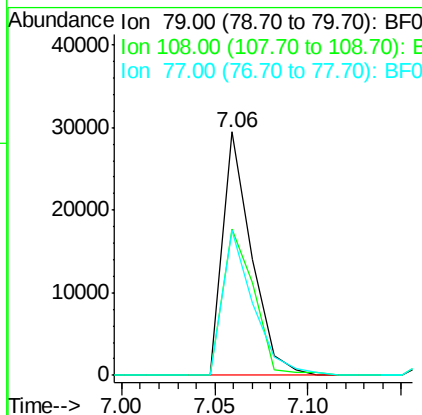
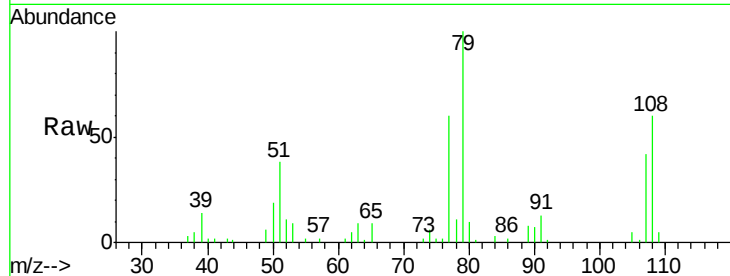
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 31856 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 60.0  | 47.8  | 71.8  |
| 77        | 59.6  | 51.6  | 77.4  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.52 ng

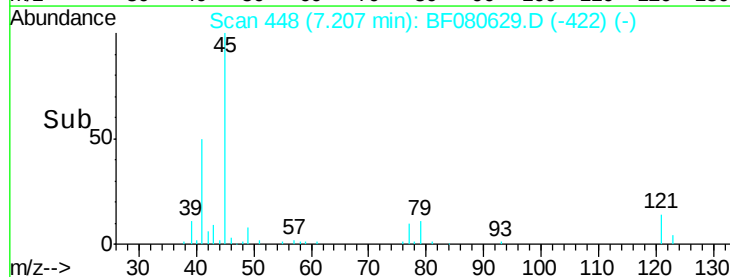
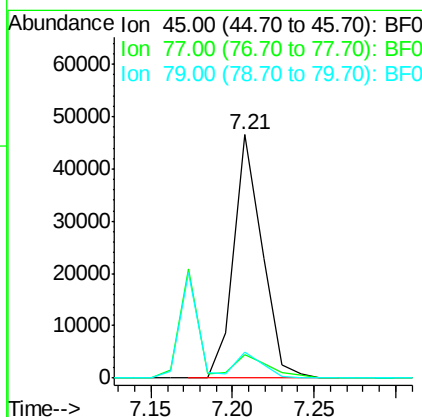
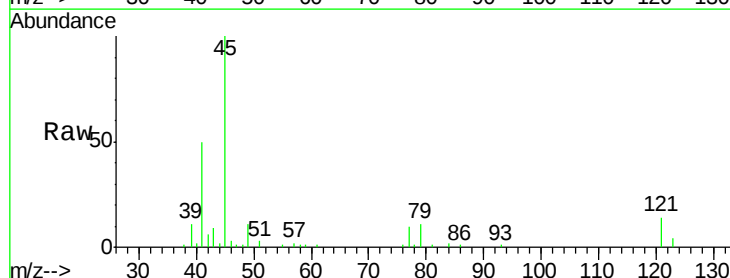
RT: 7.21 min Scan# 448

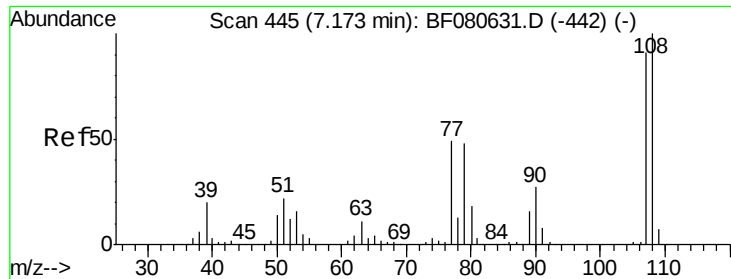
Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

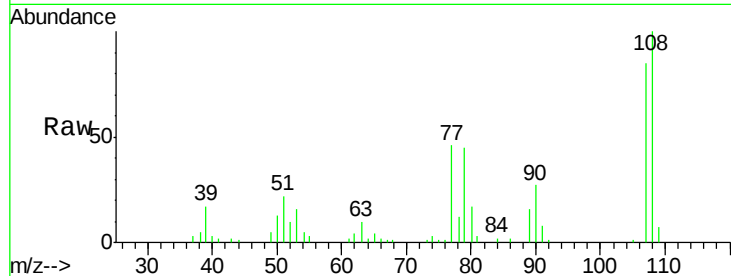
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 55774 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 9.8   | 0.0   | 31.0  |
| 79        | 10.7  | 0.0   | 27.8  |





#17  
2-Methylphenol  
Concen: 11.81 ng  
RT: 7.17 min Scan# 445  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

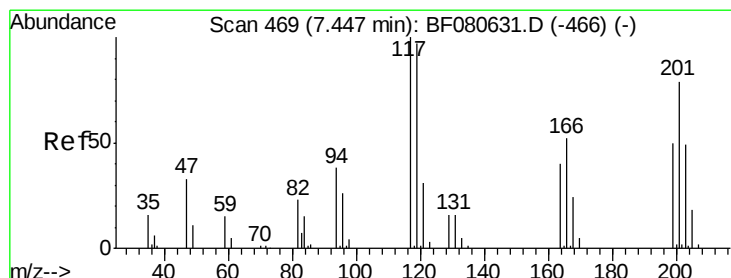
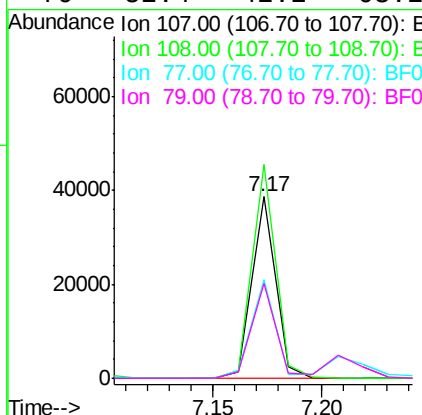
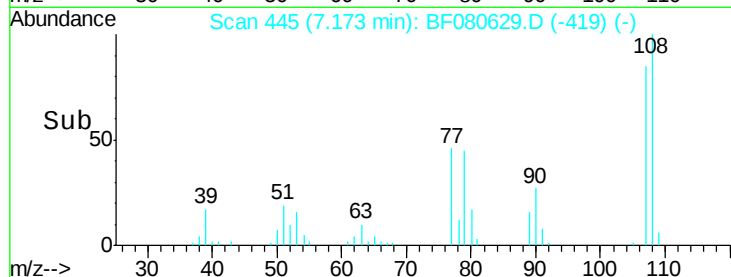
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 29155 |       |       |
| 108     | 117.7 | 88.4  | 132.6 |       |
| 77      | 54.3  | 43.0  | 64.4  |       |
| 79      | 52.4  | 42.2  | 63.2  |       |

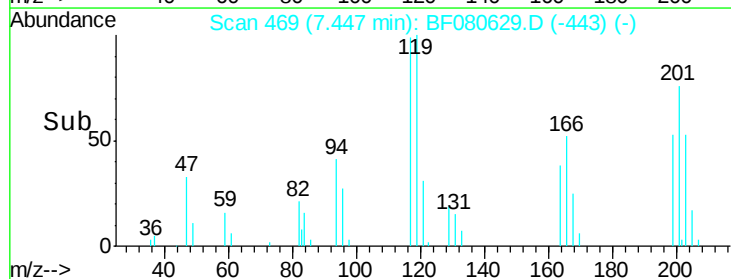
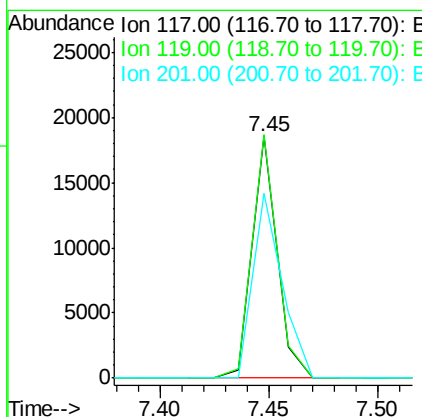
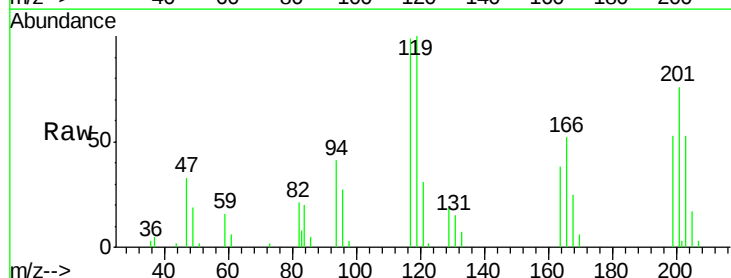
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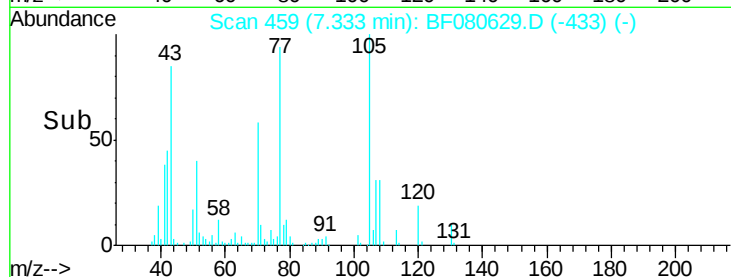
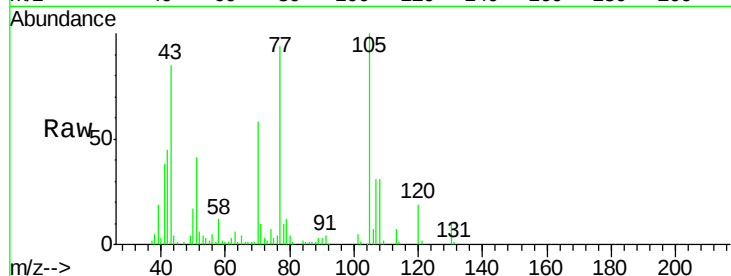
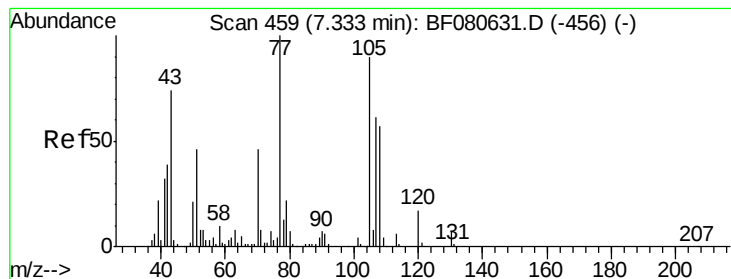
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#18  
Hexachloroethane  
Concen: 10.92 ng  
RT: 7.45 min Scan# 469  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 14765 |       |       |
| 119     | 100.5 | 77.4  | 116.2 |       |
| 201     | 78.9  | 62.9  | 94.3  |       |





#19

n-Nitroso-di-n-propylamine

Concen: 12.95 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

ClientSampleId :

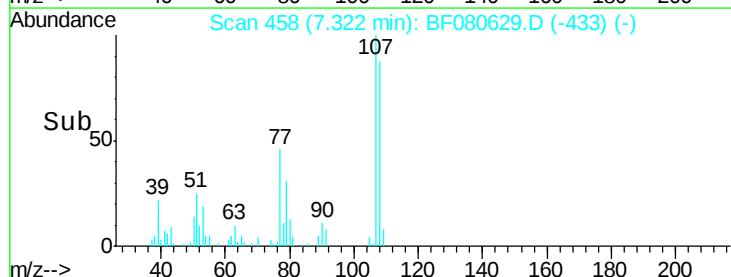
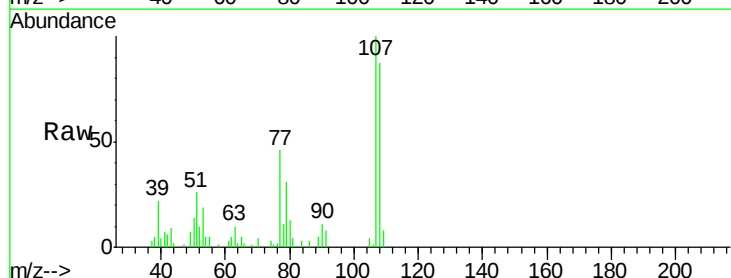
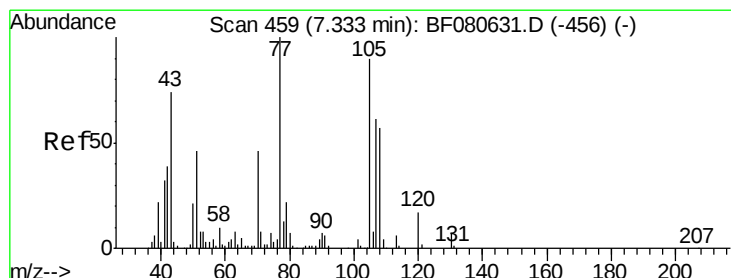
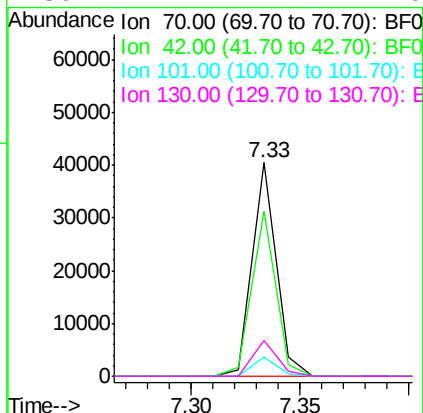
SSTDIC010

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| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 77.0 | 67.8  | 101.8 |       |
| 101     | 9.1  | 6.6   | 9.8   |       |
| 130     | 17.1 | 11.4  | 17.0# |       |



#20

3+4-Methylphenols

Concen: 10.25 ng

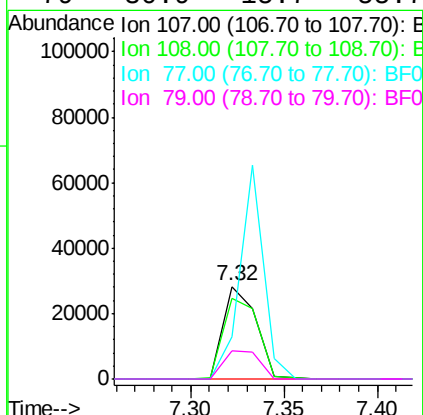
RT: 7.32 min Scan# 458

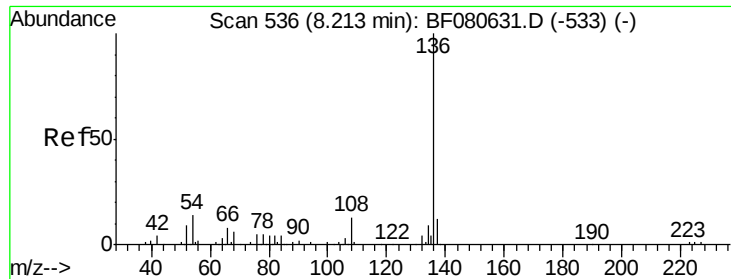
Delta R.T. -0.01 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

| Tgt Ion | Ion  | Ratio | Lower  | Upper |
|---------|------|-------|--------|-------|
| 107     | 100  |       |        |       |
| 108     | 87.5 | 73.5  | 113.5  |       |
| 77      | 45.6 | 142.7 | 182.7# |       |
| 79      | 30.9 | 15.7  | 55.7   |       |





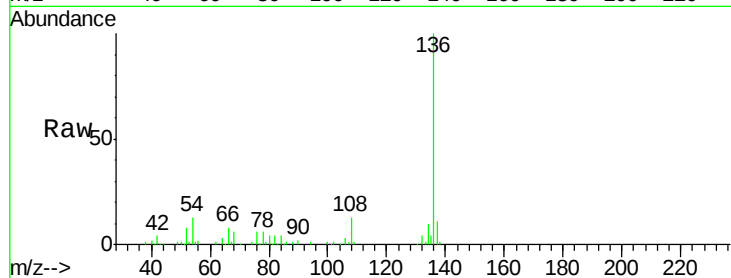
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.21 min Scan# 536  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

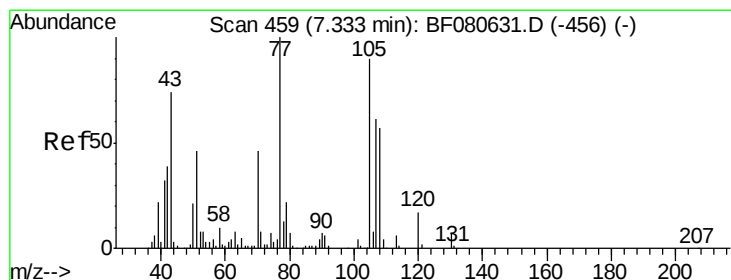
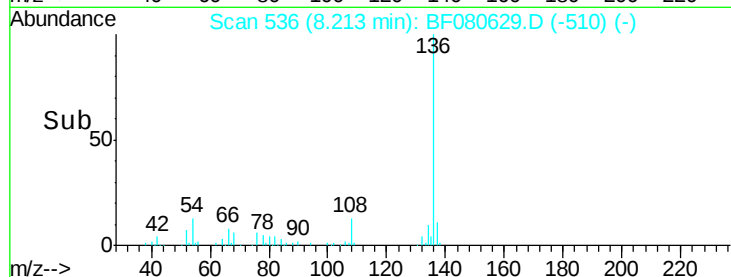
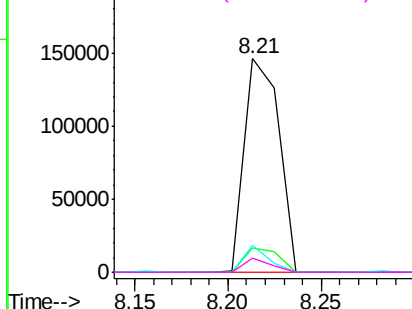
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 187349 |       |       |
| 137     | 11.5  | 9.3    | 13.9  |       |
| 54      | 12.6  | 11.6   | 17.4  |       |
| 68      | 6.4   | 5.0    | 7.4   |       |

Manual Integrations  
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apatel  
7/27/2015 4:21:33 PM



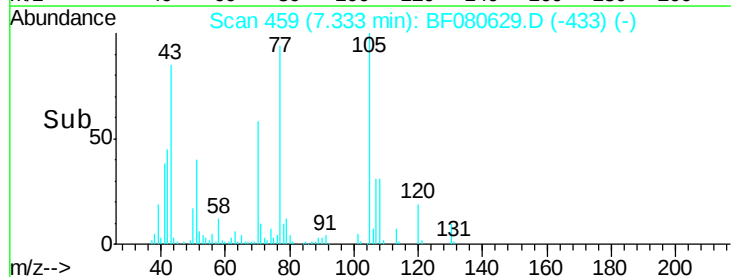
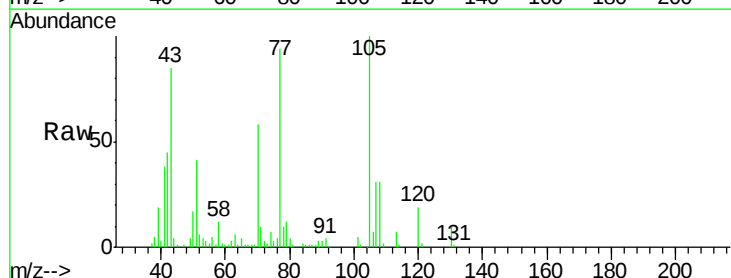
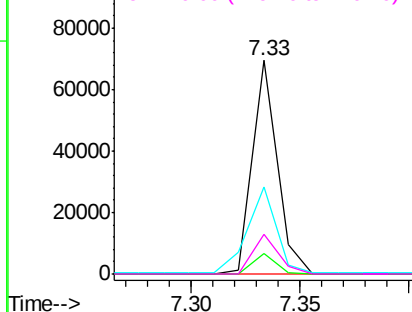
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

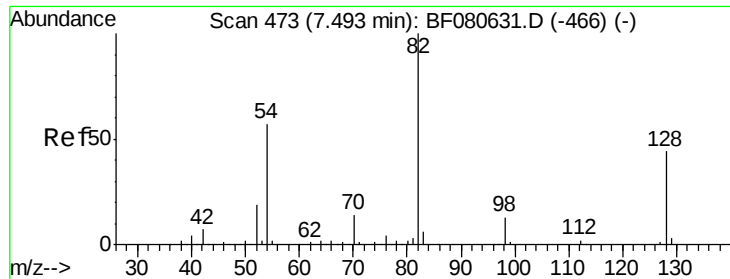


#22  
Acetophenone  
Concen: 12.20 ng  
RT: 7.33 min Scan# 459  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 55250 |       |       |
| 71      | 9.7   | 7.2   | 10.8  |       |
| 51      | 40.7  | 40.8  | 61.2# |       |
| 120     | 18.7  | 15.3  | 22.9  |       |

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





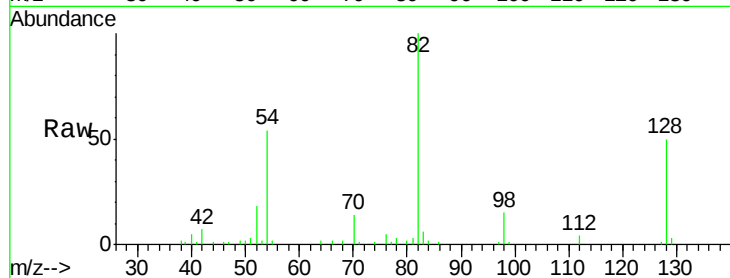
#23  
Nitrobenzene-d5  
Concen: 21.64 ng  
RT: 7.49 min Scan# 473  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

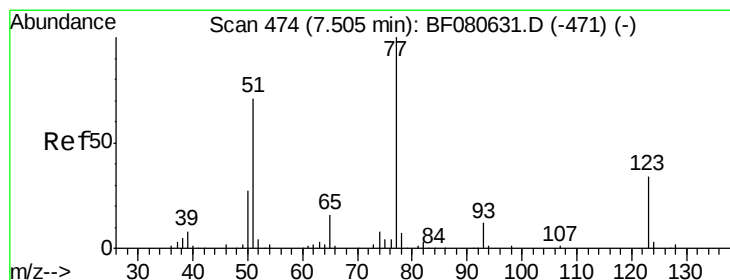
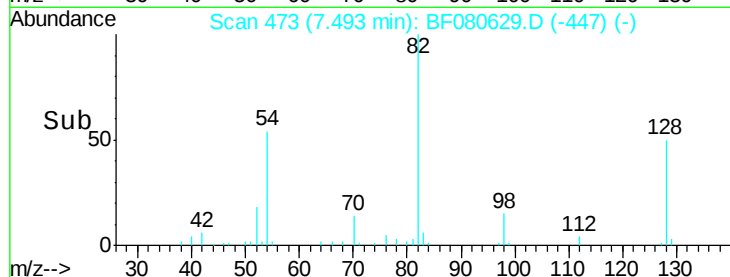
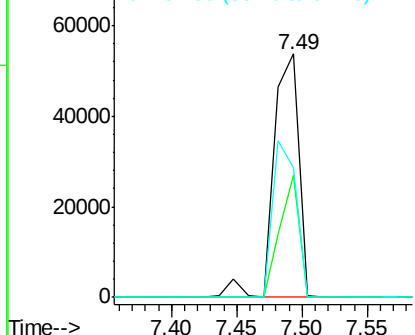
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 49.9  | 34.8  | 52.2  |
| 54      | 53.5  | 45.4  | 68.0  |

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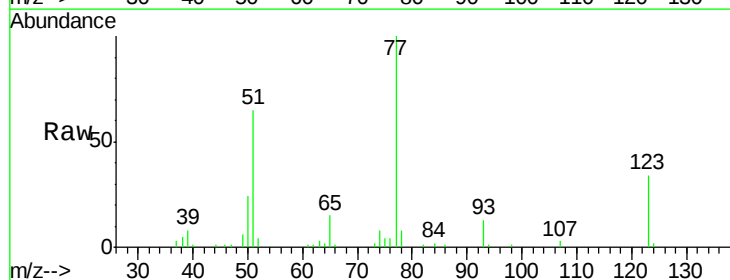


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

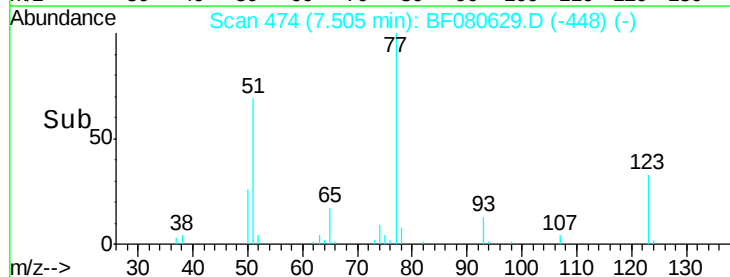
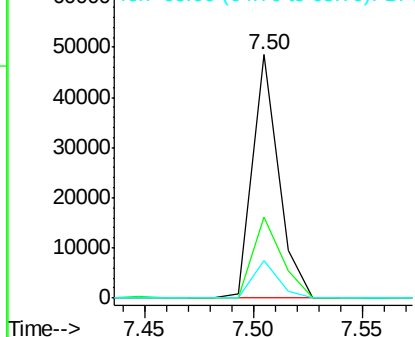


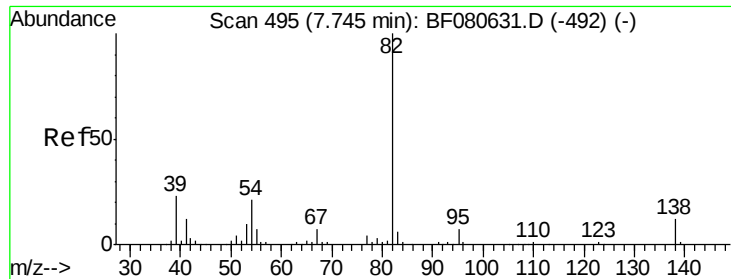
#24  
Nitrobenzene  
Concen: 11.57 ng  
RT: 7.50 min Scan# 474  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 33.5  | 27.1  | 40.7  |
| 65      | 15.5  | 12.6  | 18.8  |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 11.54 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

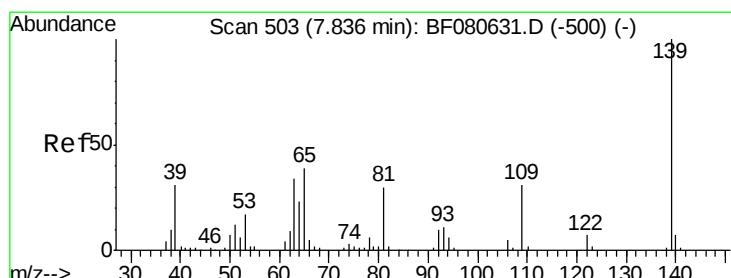
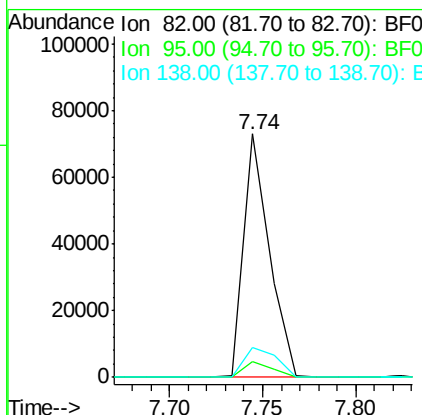
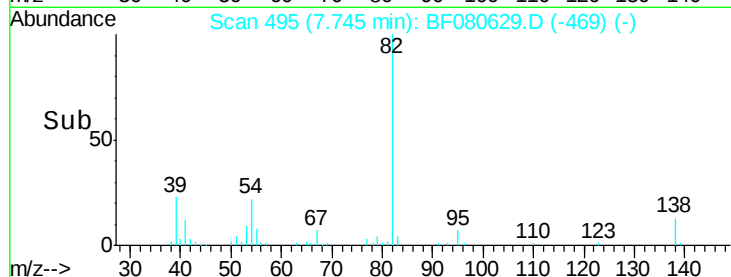
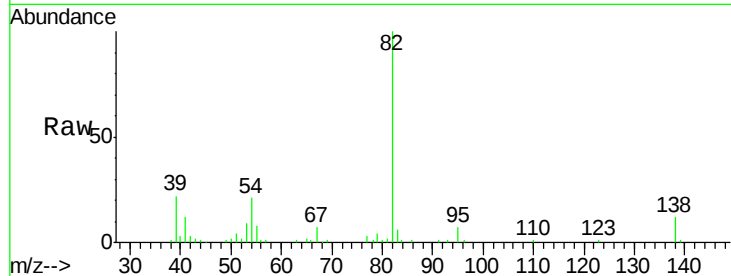
ClientSampleId :

SSTDIC010

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 82   | Resp: | 70154 |
| Ion Ratio |      | Lower | Upper |
| 82        | 100  |       |       |
| 95        | 6.7  | 5.5   | 8.3   |
| 138       | 12.2 | 9.7   | 14.5  |

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#26

2-Nitrophenol

Concen: 9.88 ng

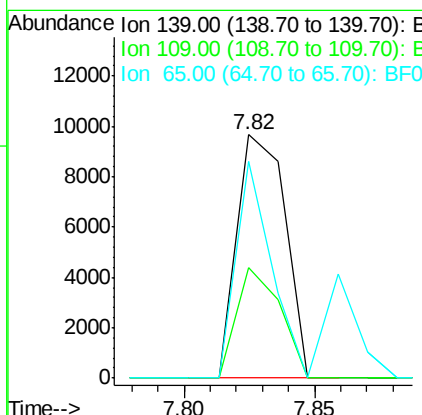
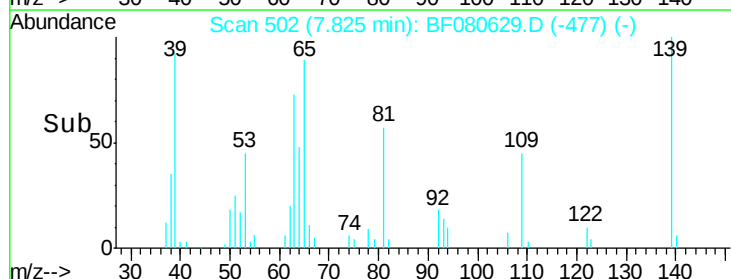
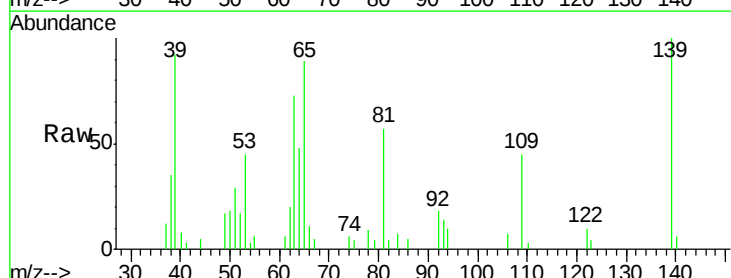
RT: 7.82 min Scan# 502

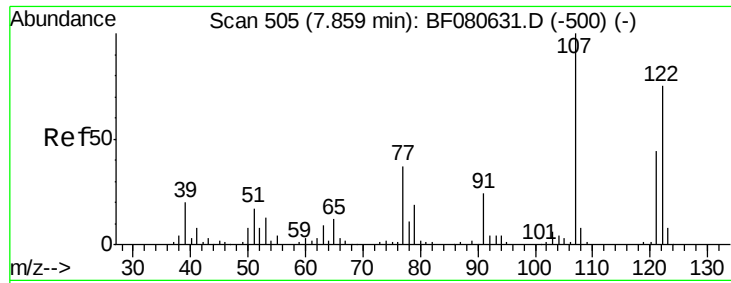
Delta R.T. -0.01 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 12548 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 45.5 | 25.0  | 37.6# |
| 65        | 89.2 | 31.4  | 47.0# |





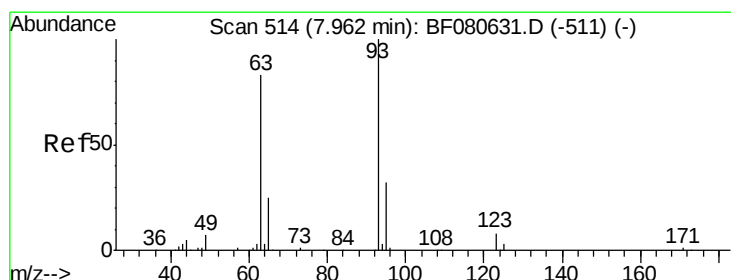
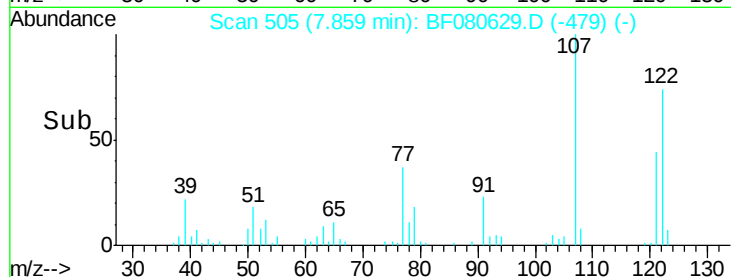
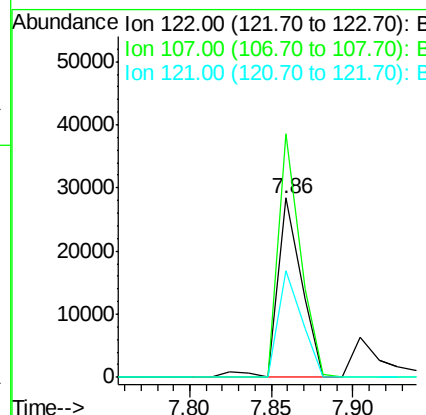
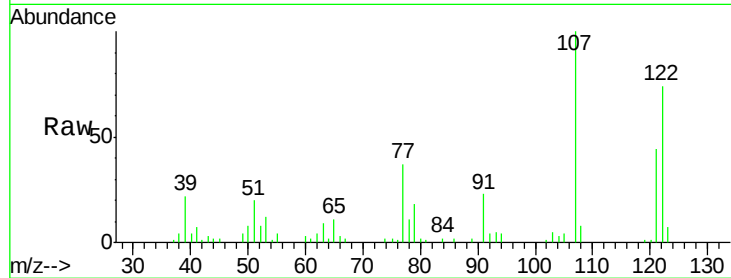
#27  
 2,4-Dimethylphenol  
 Concen: 10.60 ng  
 RT: 7.86 min Scan# 505  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 135.8 | 107.4 | 161.0 |
| 121     | 59.4  | 46.8  | 70.2  |

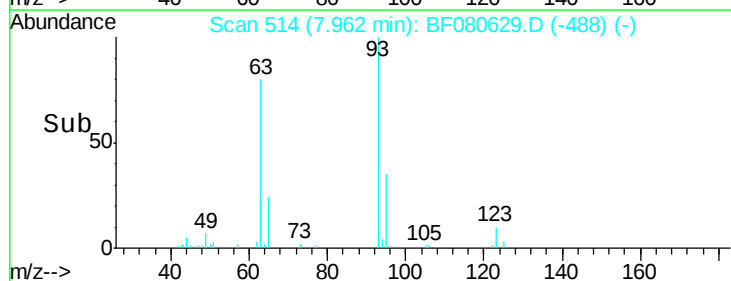
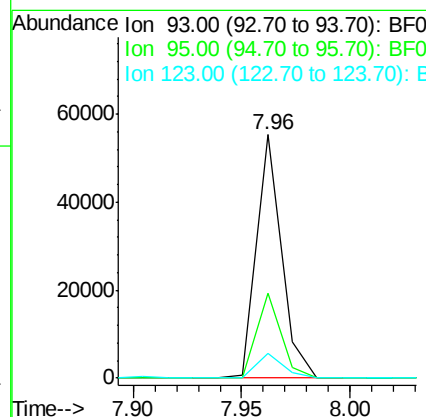
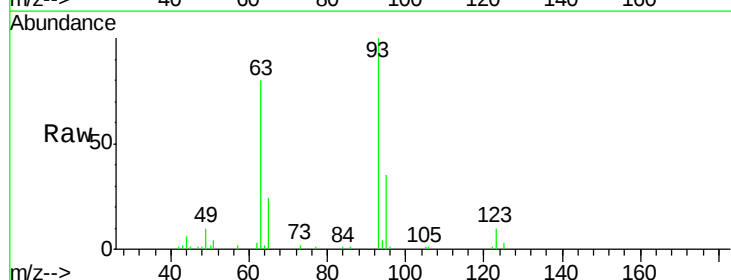
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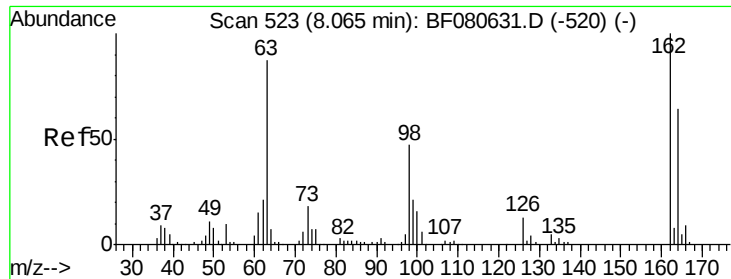
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 12.87 ng  
 RT: 7.96 min Scan# 514  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.6  | 25.4  | 38.0  |
| 123     | 10.0  | 7.2   | 10.8  |





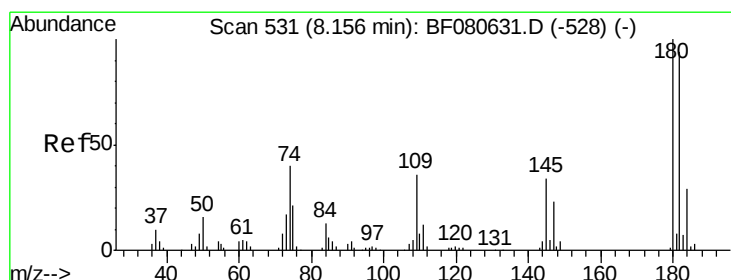
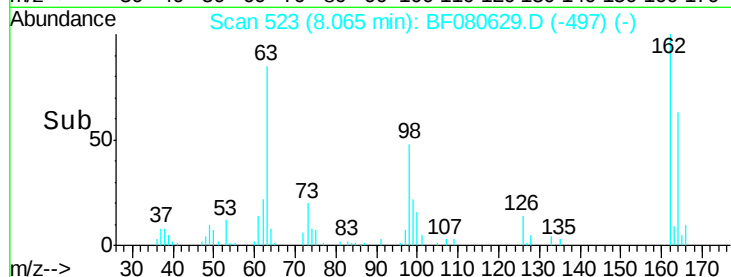
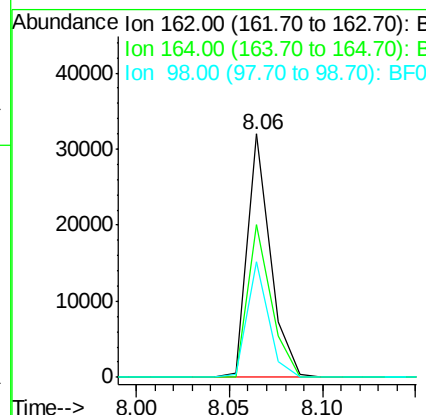
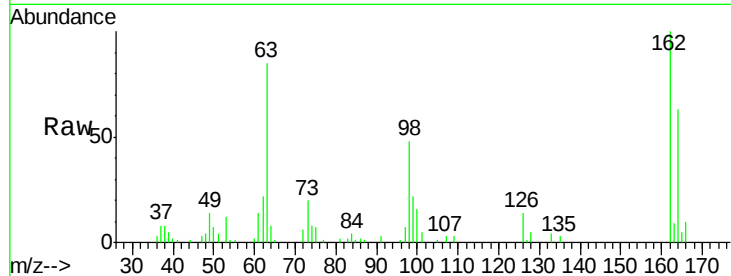
#29  
 2,4-Dichlorophenol  
 Concen: 11.84 ng  
 RT: 8.06 min Scan# 523  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 27506 |       |       |
| 164     | 62.7  | 43.9  | 83.9  |       |
| 98      | 47.6  | 26.5  | 66.5  |       |

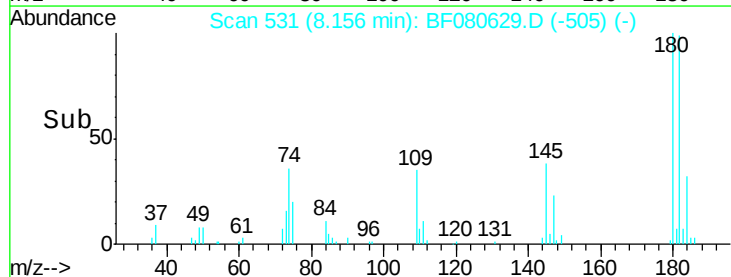
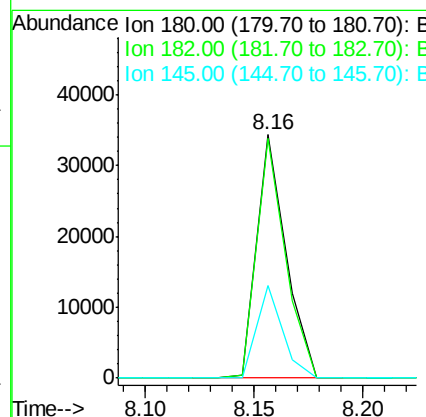
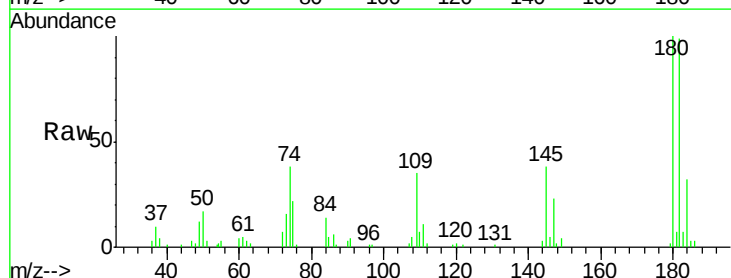
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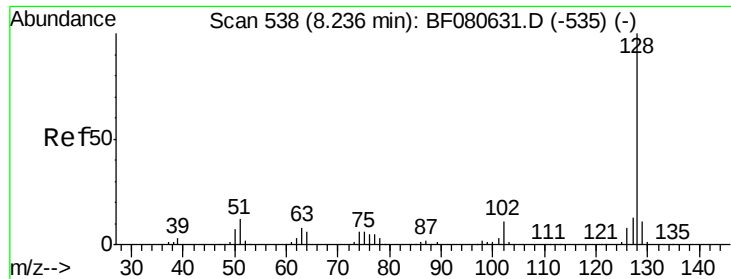
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 10.81 ng  
 RT: 8.16 min Scan# 531  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 32013 |       |       |
| 182     | 98.6  | 75.5  | 113.3 |       |
| 145     | 37.8  | 27.1  | 40.7  |       |





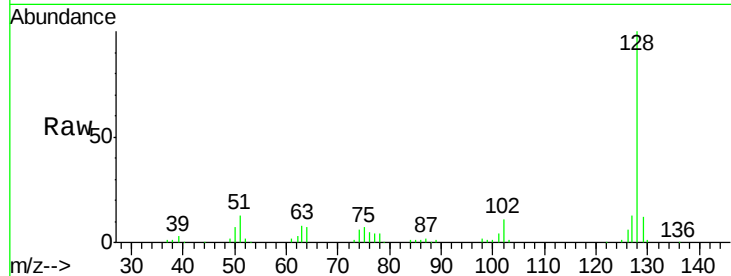
#31  
Naphthalene  
Concen: 10.97 ng  
RT: 8.24 min Scan# 538  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

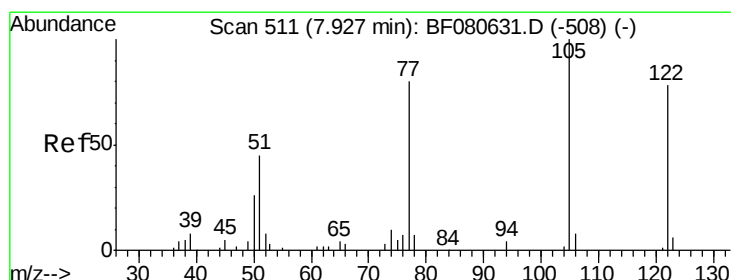
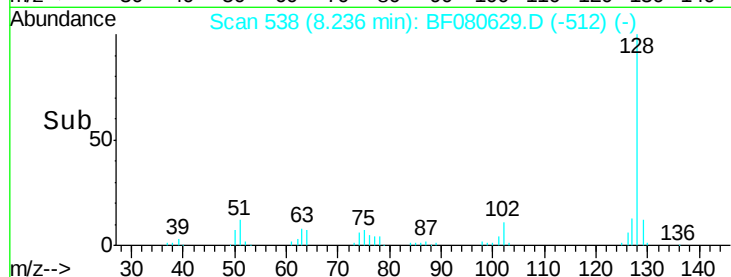
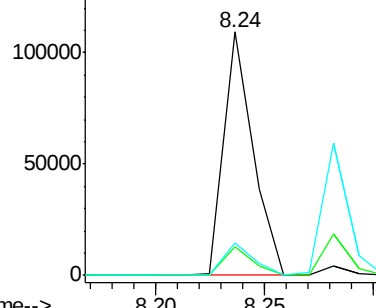
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 101982 |       |       |
| 129     | 11.5  | 9.0    | 13.6  |       |
| 127     | 13.3  | 10.6   | 15.8  |       |

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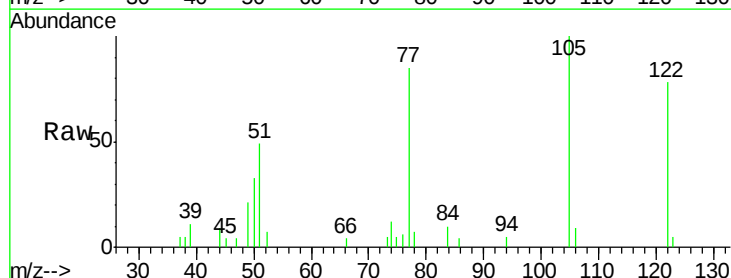


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

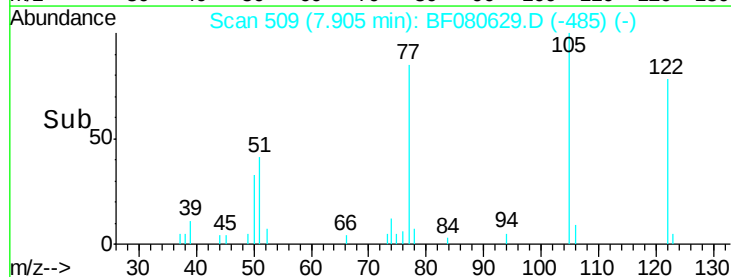
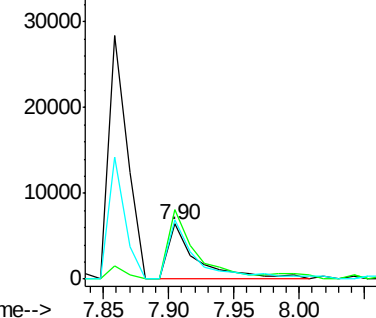


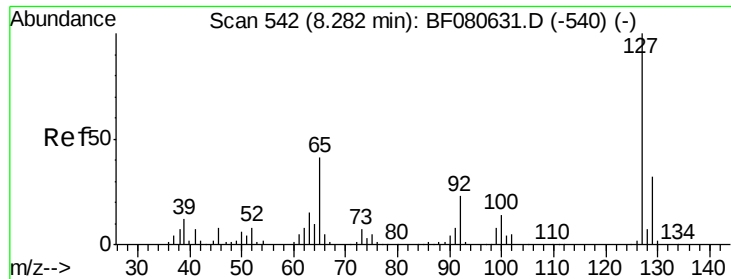
#32  
Benzoic acid  
Concen: 8.02 ng  
RT: 7.90 min Scan# 509  
Delta R.T. -0.02 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 9881  |       |       |
| 105     | 127.5 | 107.9 | 147.9 |       |
| 77      | 107.9 | 84.3  | 124.3 |       |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





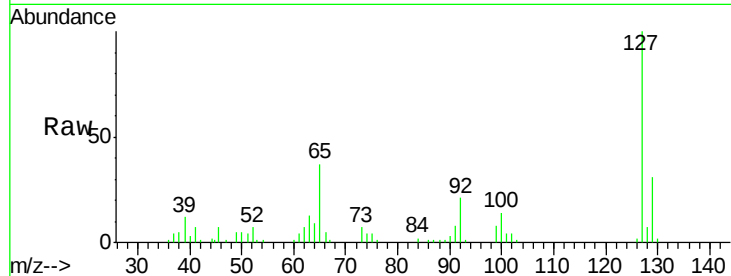
#33  
4-Chloroaniline  
Concen: 12.96 ng  
RT: 8.28 min Scan# 542  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

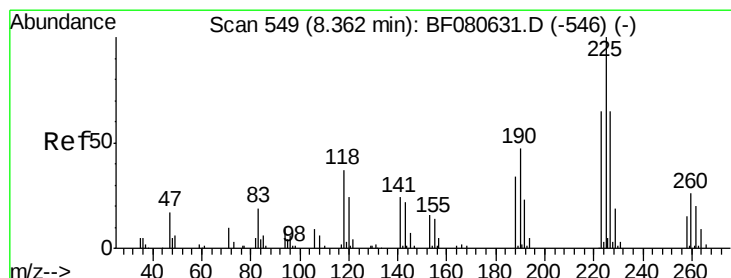
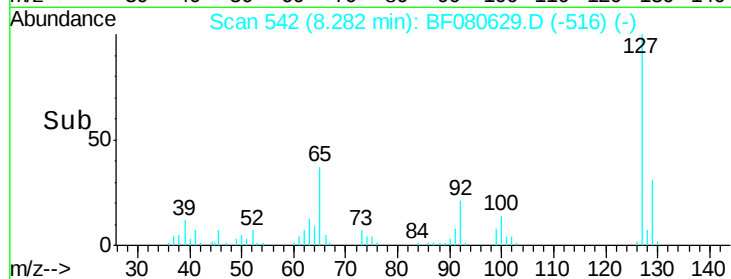
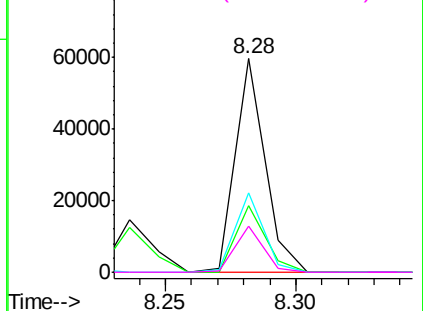
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.9  | 25.8  | 38.6  |
| 65      | 37.5  | 32.5  | 48.7  |
| 92      | 21.5  | 18.5  | 27.7  |

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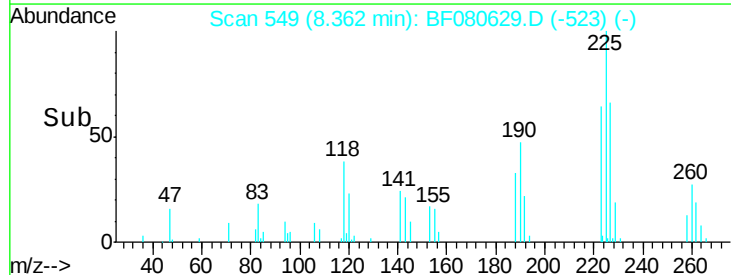
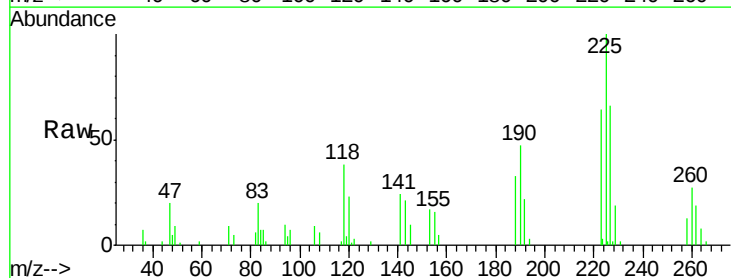
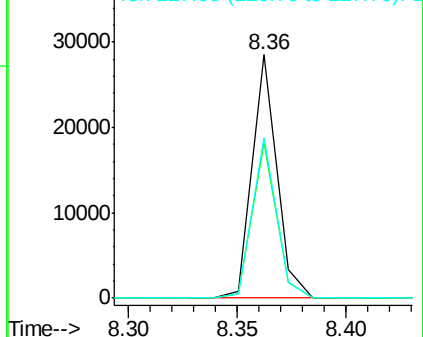
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

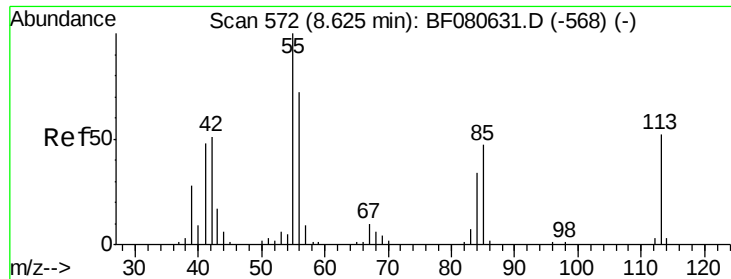


#34  
Hexachlorobutadiene  
Concen: 12.64 ng  
RT: 8.36 min Scan# 549  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.9  | 51.9  | 77.9  |
| 227     | 64.9  | 51.6  | 77.4  |

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





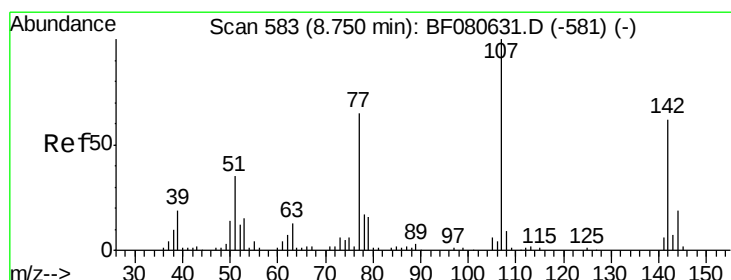
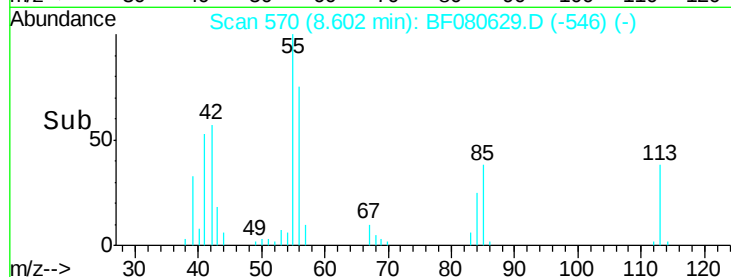
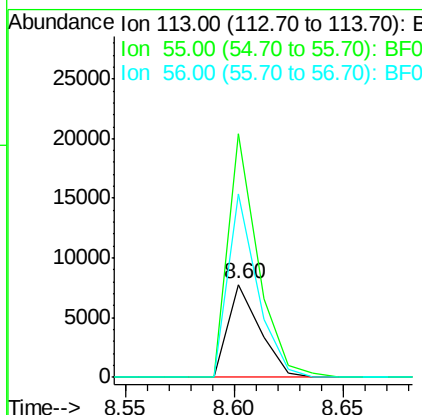
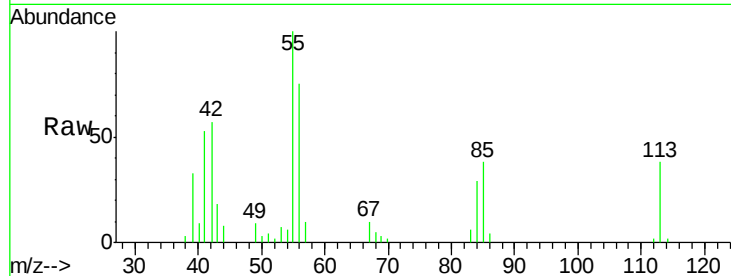
#35  
 Caprolactam  
 Concen: 12.70 ng  
 RT: 8.60 min Scan# 570  
 Delta R.T. -0.02 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 263.0 | 170.7 | 210.7# |
| 56      | 198.2 | 118.2 | 158.2# |

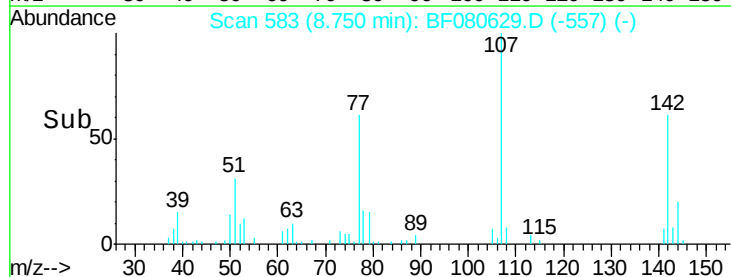
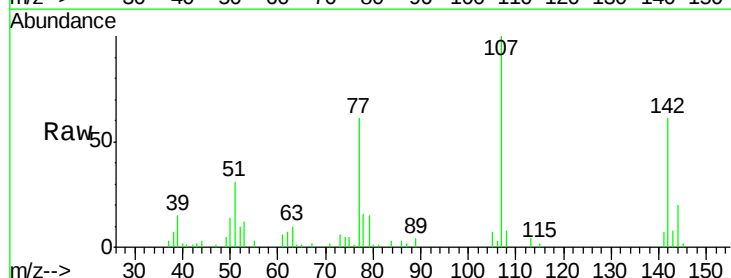
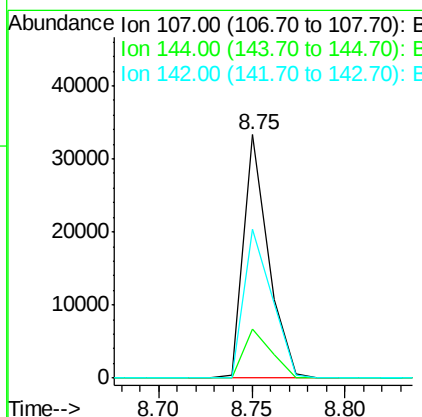
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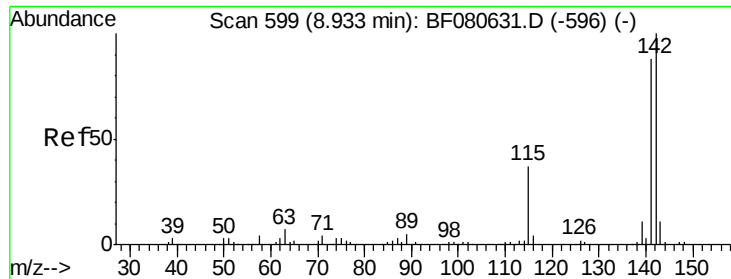
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#36  
 4-Chloro-3-methylphenol  
 Concen: 11.59 ng  
 RT: 8.75 min Scan# 583  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 20.0  | 15.0  | 22.6  |
| 142     | 61.1  | 49.5  | 74.3  |





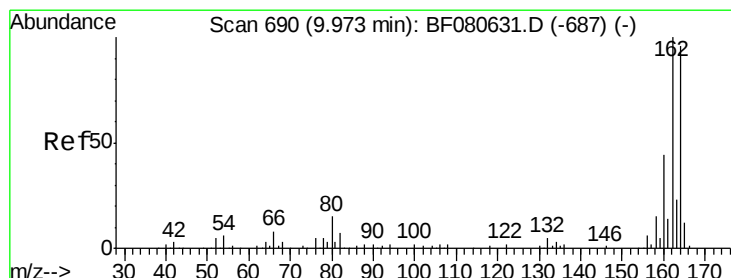
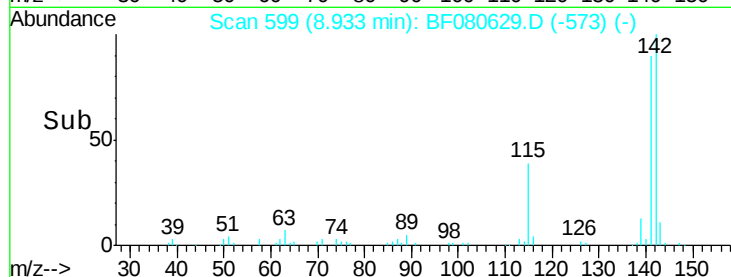
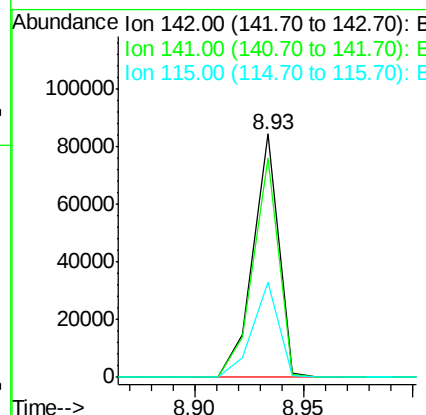
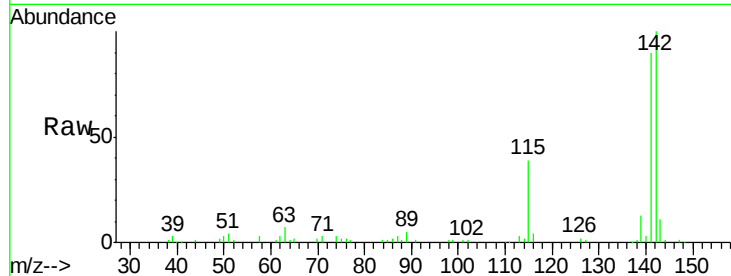
#37  
 2-Methylnaphthalene  
 Concen: 12.75 ng  
 RT: 8.93 min Scan# 599  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.3  | 70.7  | 106.1 |
| 115     | 39.0  | 29.3  | 43.9  |

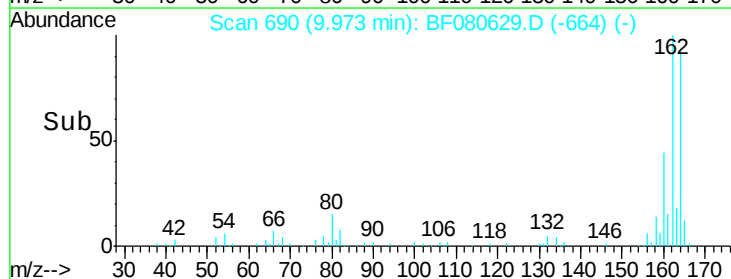
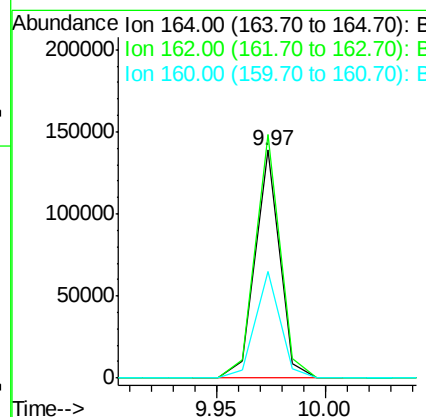
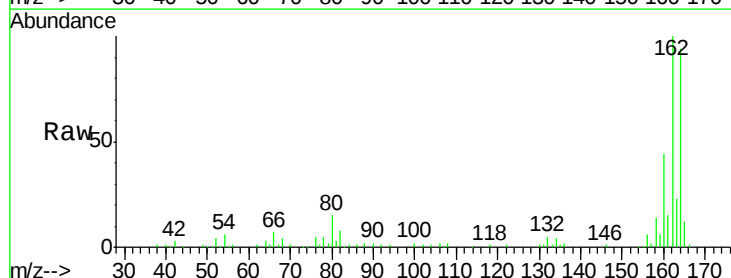
Manual Integrations  
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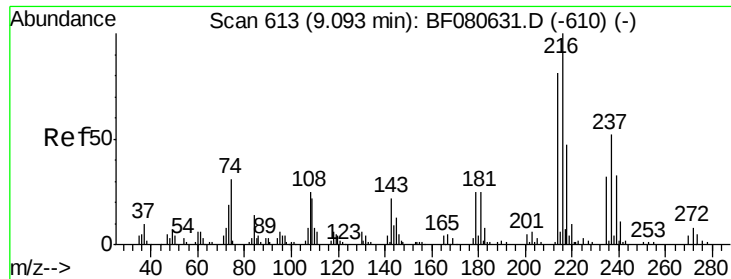
apatel  
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.97 min Scan# 690  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.7 | 83.3  | 124.9 |
| 160     | 46.9  | 36.9  | 55.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.17 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080629.D

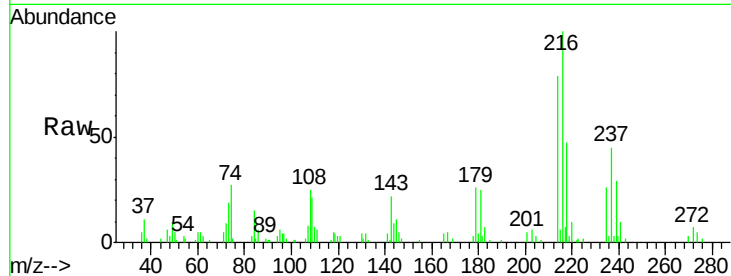
Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010



Tgt Ion:216 Resp: 32772

Ion Ratio Lower Upper

216 100

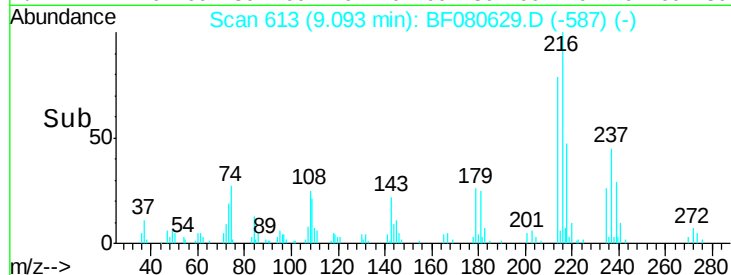
214 78.8 62.5 93.7

179 24.2 18.7 28.1

108 22.0 17.6 26.4

Manual Integrations  
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apatel  
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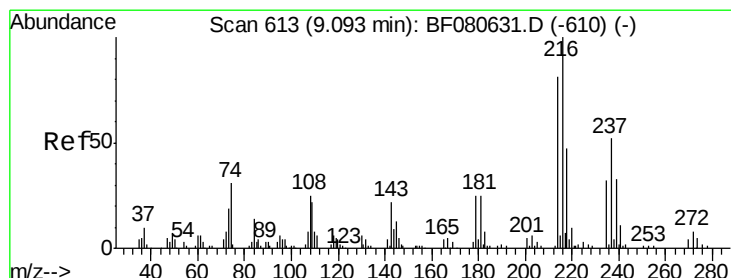
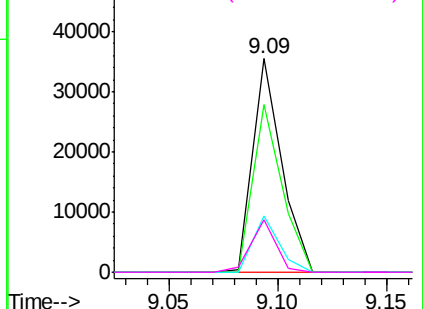


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.29 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

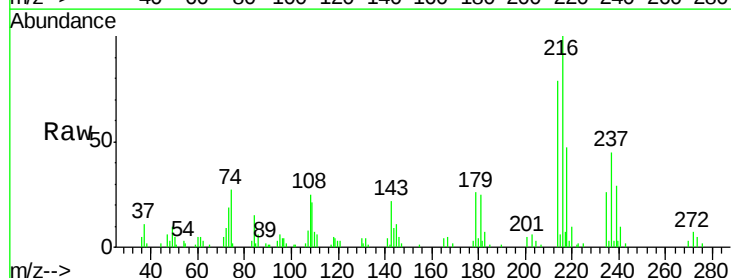
Tgt Ion:237 Resp: 17780

Ion Ratio Lower Upper

237 100

235 58.1 41.6 81.6

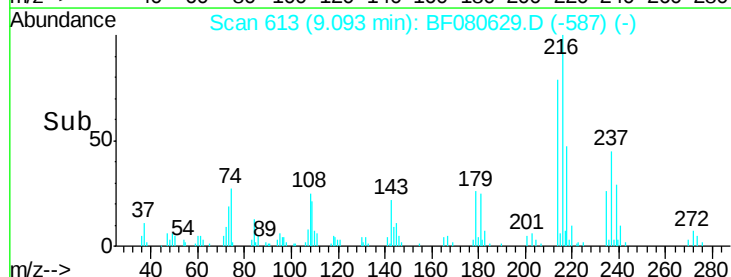
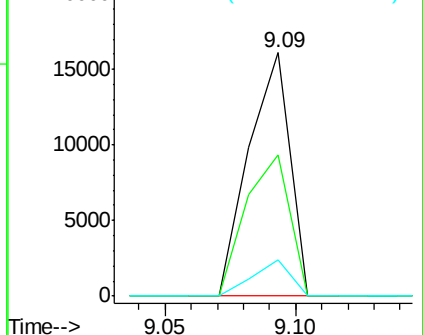
272 14.6 0.0 35.0

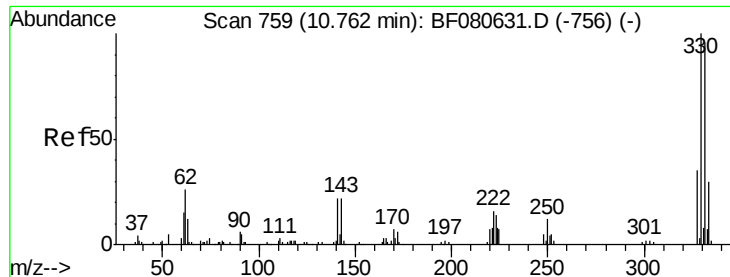


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





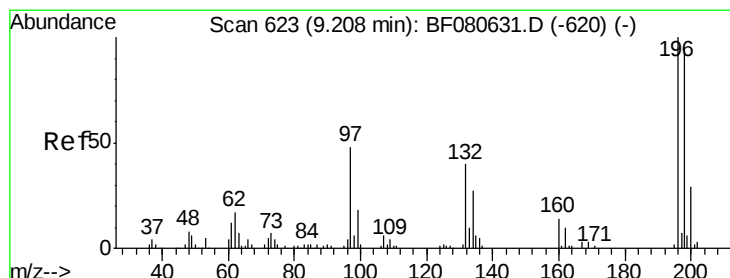
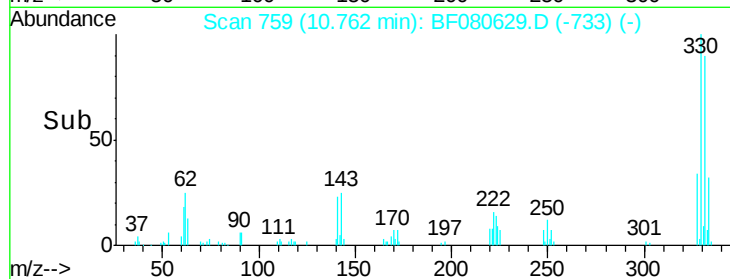
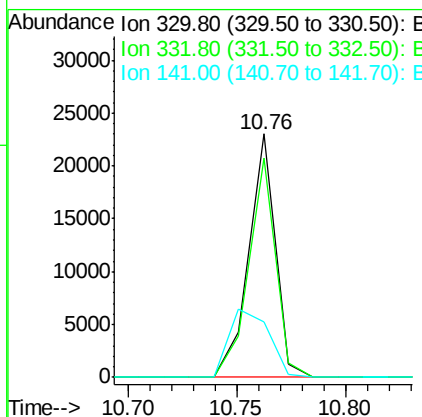
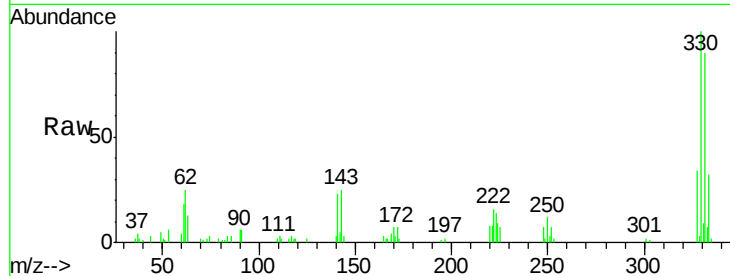
#41  
 2,4,6-Tribromophenol  
 Concen: 22.22 ng  
 RT: 10.76 min Scan# 759  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 19556 |       |       |
| 332     | 91.4  | 76.7  | 115.1 |       |
| 141     | 42.1  | 32.7  | 49.1  |       |

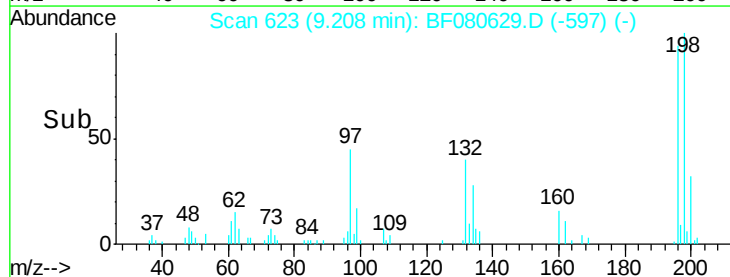
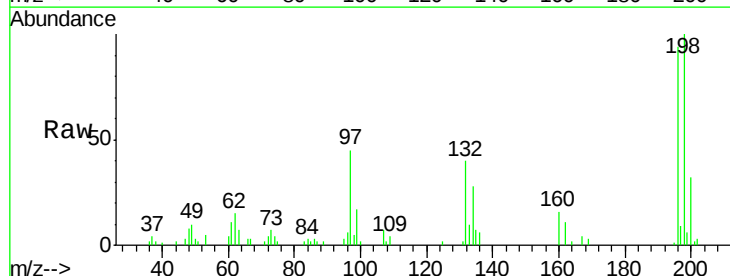
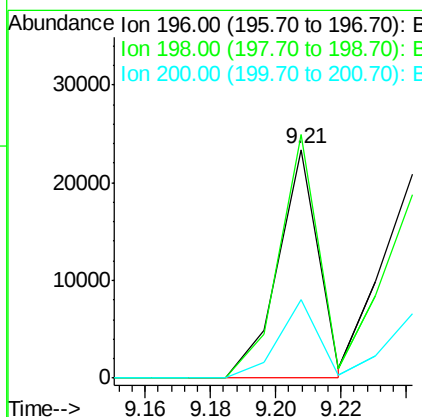
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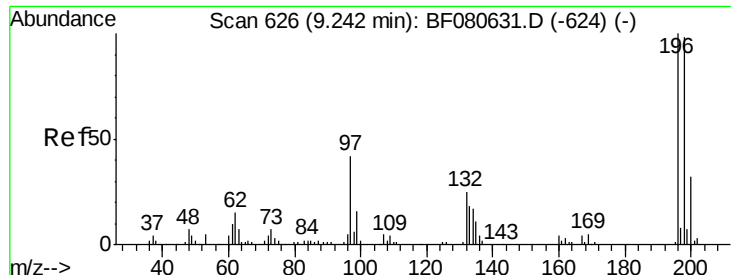
apatel  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 9.67 ng  
 RT: 9.21 min Scan# 623  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 20082 |       |       |
| 198     | 106.5 | 75.8  | 113.8 |       |
| 200     | 34.2  | 23.5  | 35.3  |       |





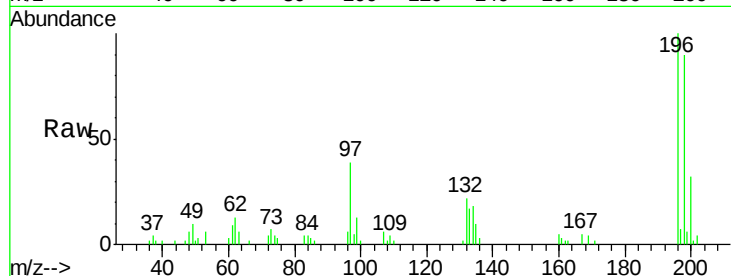
#43  
 2,4,5-Trichlorophenol  
 Concen: 10.43 ng m  
 RT: 9.24 min Scan# 626  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

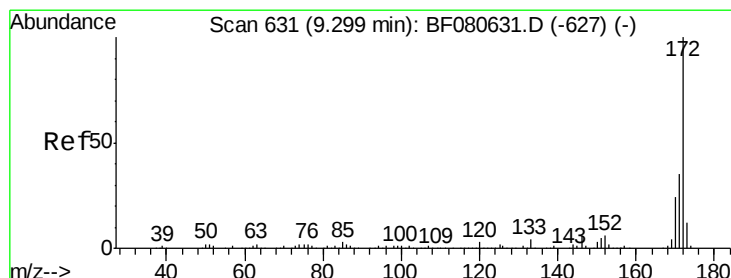
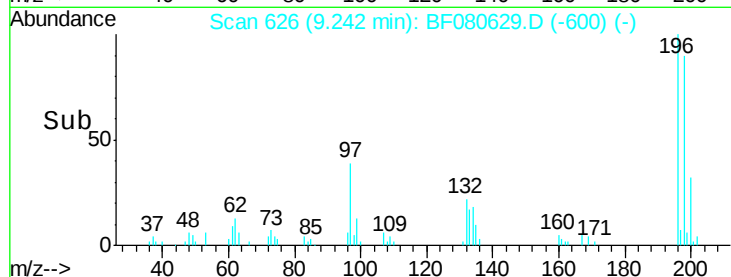
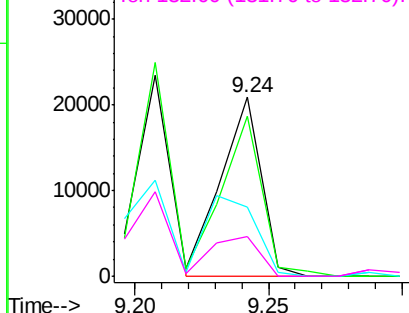
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 21869 |       |       |
| 198     | 89.8  | 78.3  | 117.5 |       |
| 97      | 38.9  | 33.1  | 49.7  |       |
| 132     | 22.0  | 19.8  | 29.8  |       |

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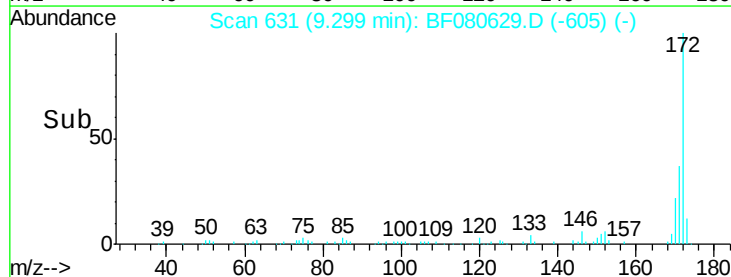
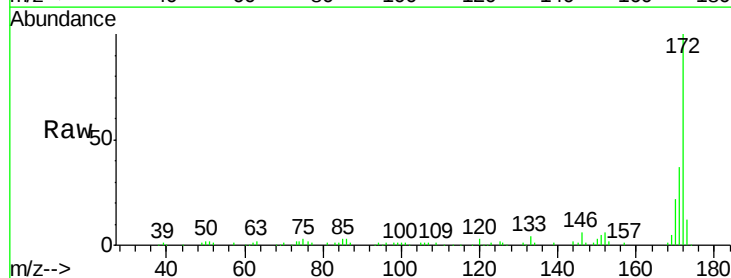
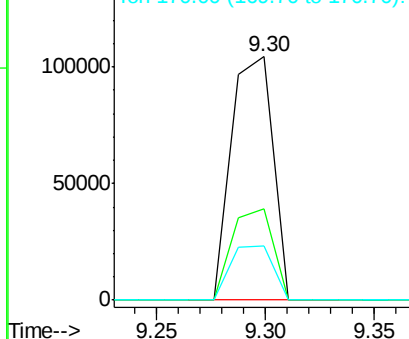
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

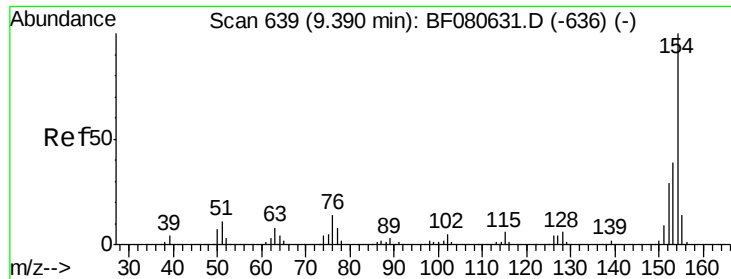


#44  
 2-Fluorobiphenyl  
 Concen: 18.82 ng  
 RT: 9.30 min Scan# 631  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 138366 |       |       |
| 171     | 37.5  | 27.7   | 41.5  |       |
| 170     | 22.3  | 19.0   | 28.4  |       |

Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





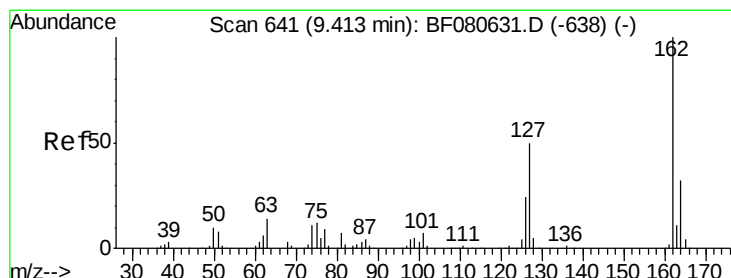
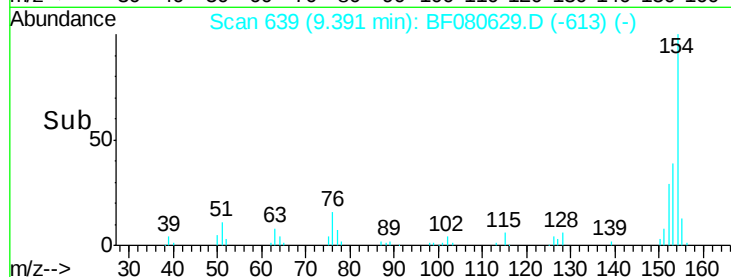
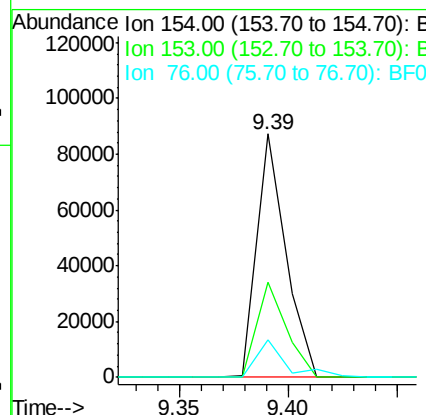
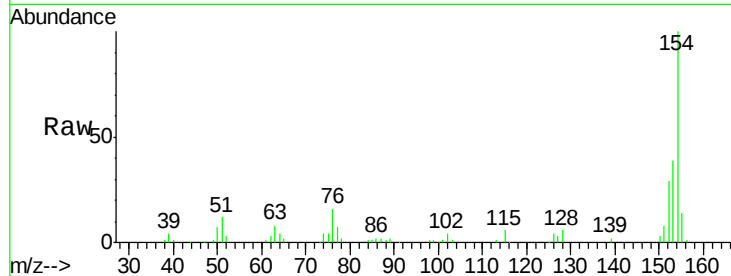
#45  
 1,1'-Biphenyl  
 Concen: 9.37 ng  
 RT: 9.39 min Scan# 639  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.2  | 19.4  | 59.4  |
| 76      | 15.5  | 0.0   | 34.1  |

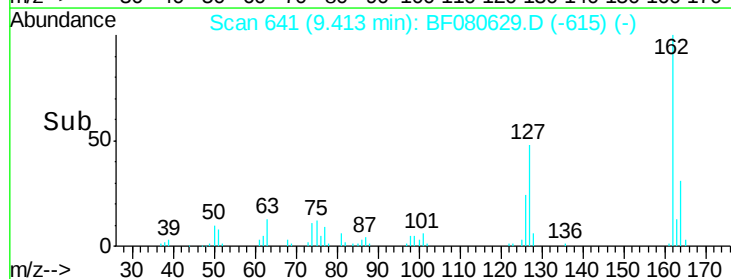
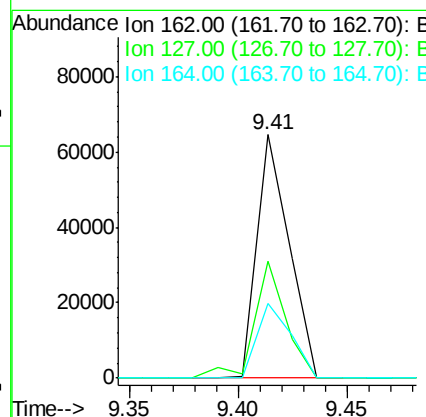
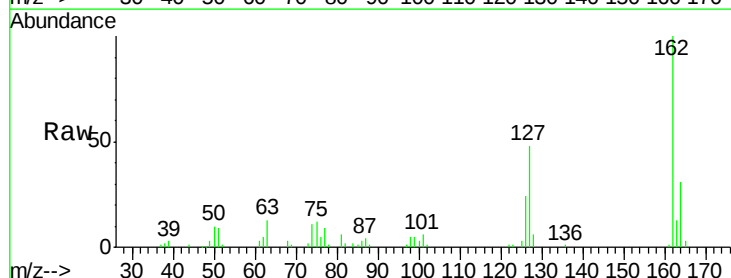
Manual Integrations  
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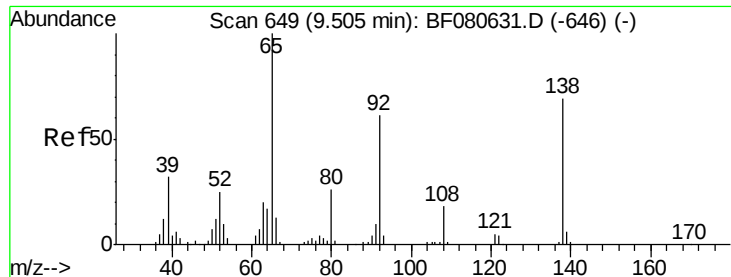
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#46  
 2-Chloronaphthalene  
 Concen: 9.49 ng  
 RT: 9.41 min Scan# 641  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 47.8  | 40.3  | 60.5  |
| 164     | 30.7  | 25.6  | 38.4  |





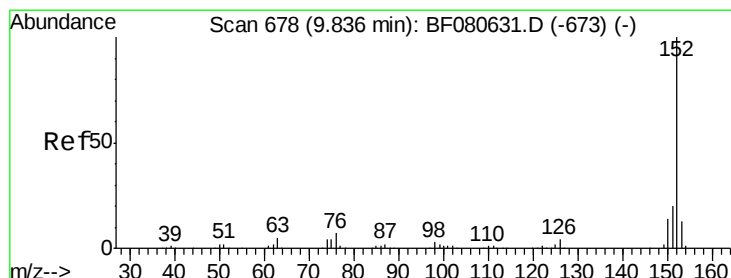
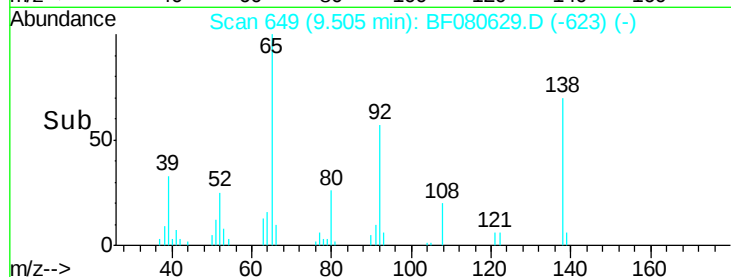
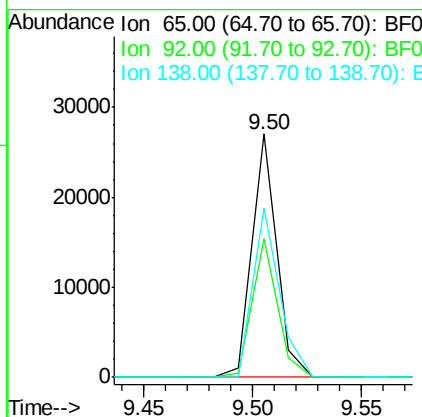
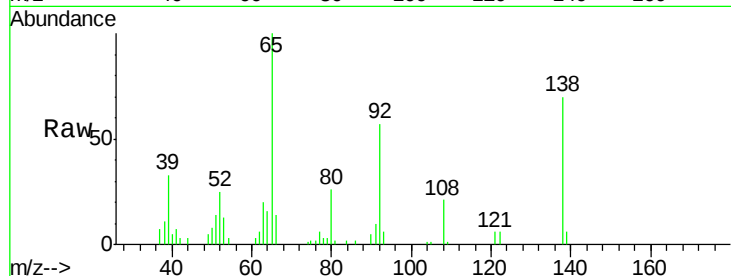
#47  
2-Nitroaniline  
Concen: 9.96 ng  
RT: 9.50 min Scan# 649  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 57.0  | 48.7  | 73.1  |
| 138     | 69.8  | 55.4  | 83.2  |

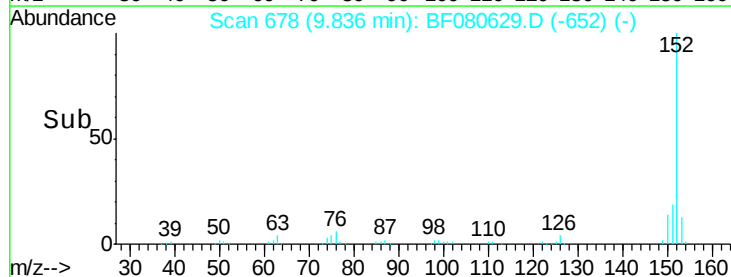
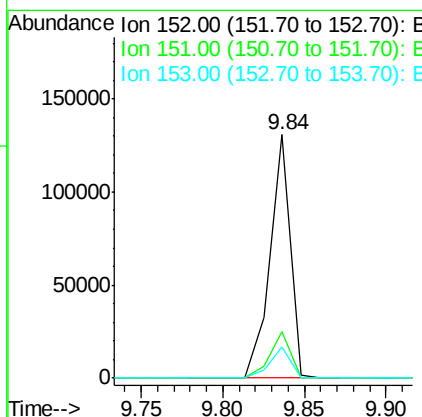
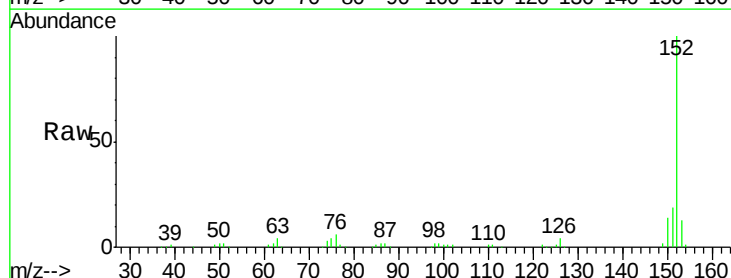
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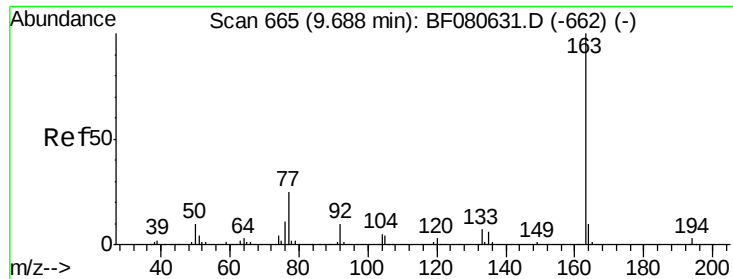
apatel  
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#48  
Acenaphthylene  
Concen: 10.70 ng  
RT: 9.84 min Scan# 678  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.4  | 16.3  | 24.5  |
| 153     | 12.8  | 10.2  | 15.4  |





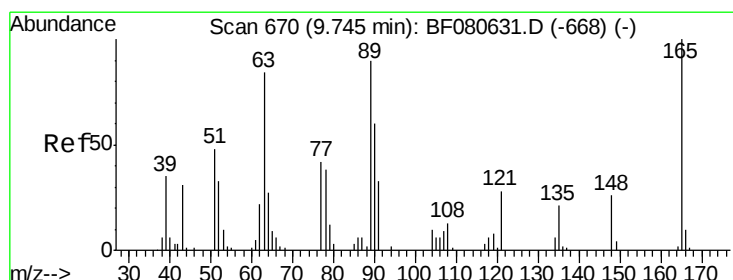
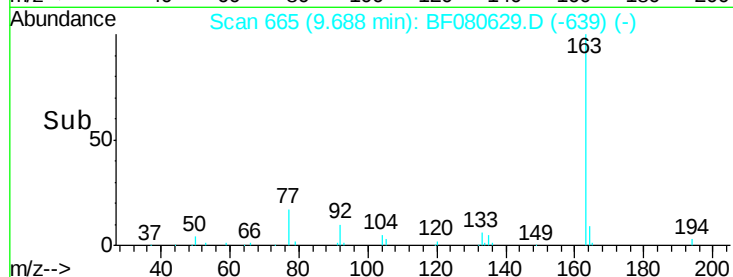
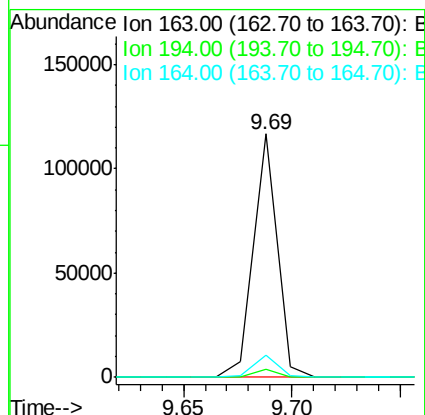
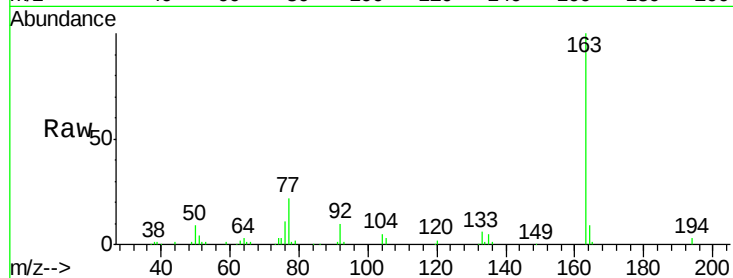
#49  
Dimethylphthalate  
Concen: 11.29 ng  
RT: 9.69 min Scan# 665  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.3   | 2.5        | 3.7        |
| 164     | 9.1   | 8.0        | 12.0       |

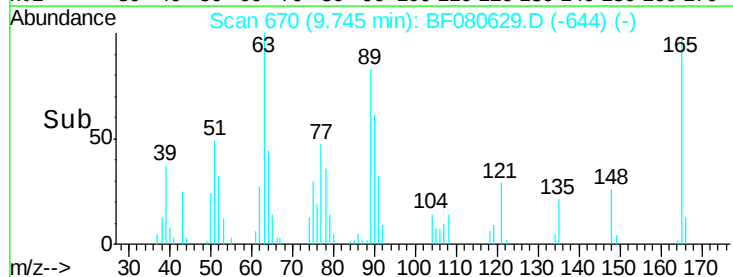
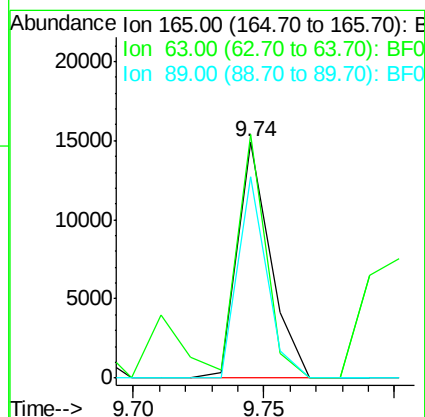
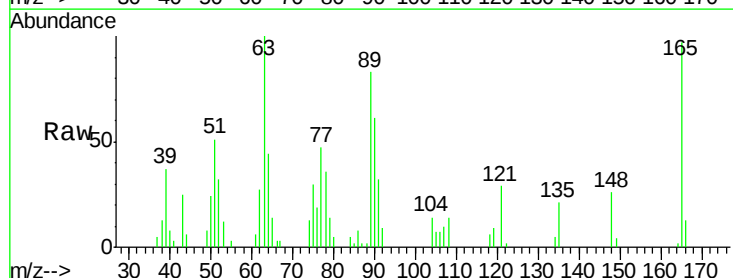
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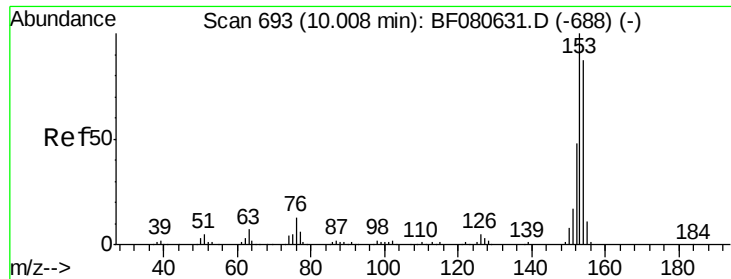
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#50  
2,6-Dinitrotoluene  
Concen: 9.12 ng  
RT: 9.74 min Scan# 670  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 103.0 | 84.0       | 126.0      |
| 89      | 85.2  | 71.7       | 107.5      |





#51

Acenaphthene

Concen: 10.30 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080629.D

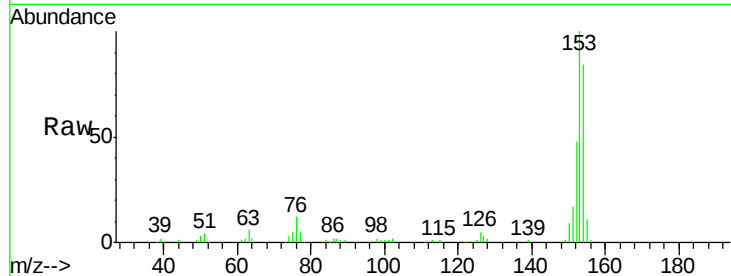
Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

ClientSampleId :

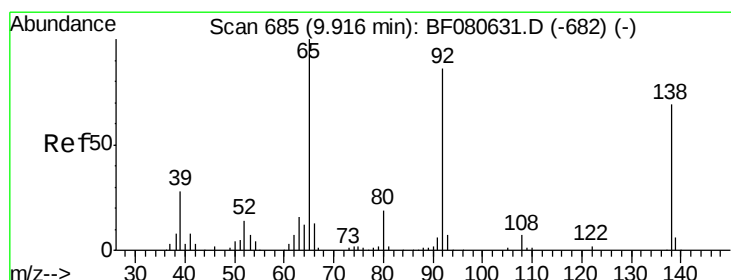
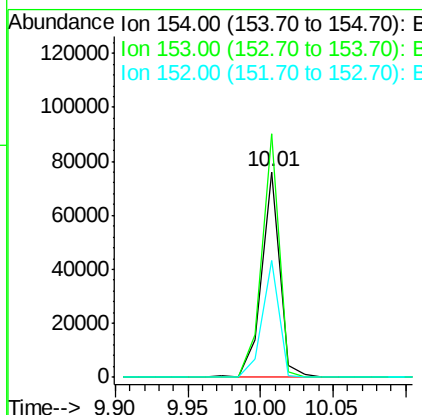
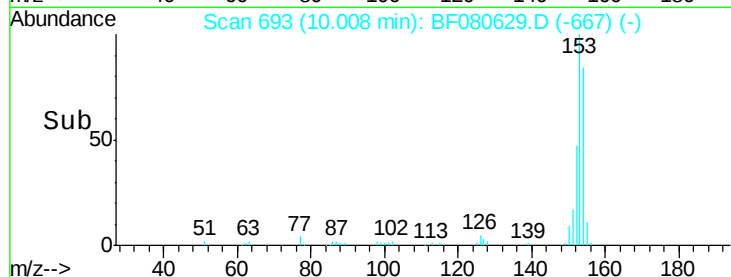
SSTDIC010



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 65650 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 118.7 | 91.6  | 137.4 |
| 152       | 57.1  | 44.0  | 66.0  |

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#52

3-Nitroaniline

Concen: 10.61 ng

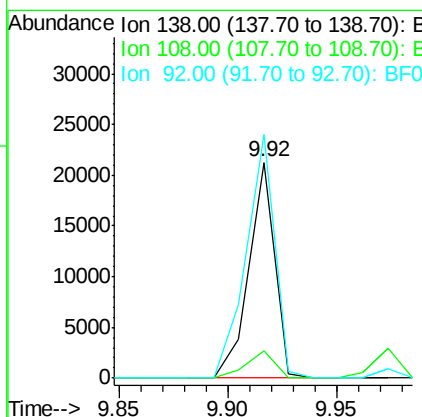
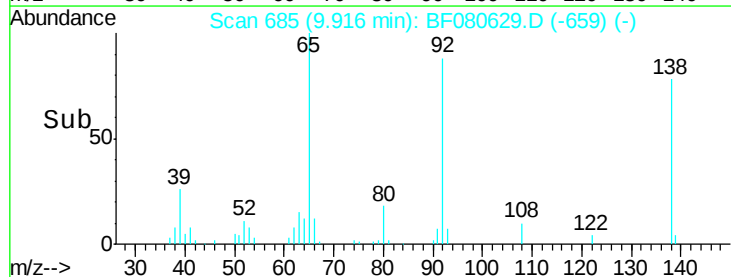
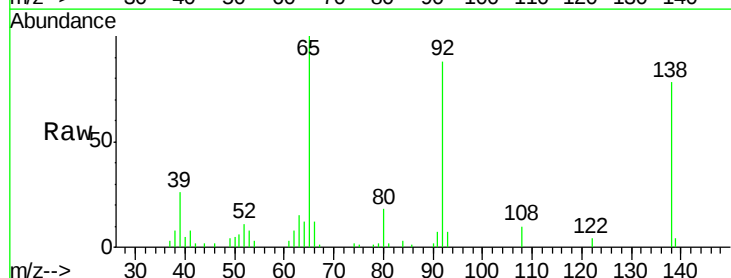
RT: 9.92 min Scan# 685

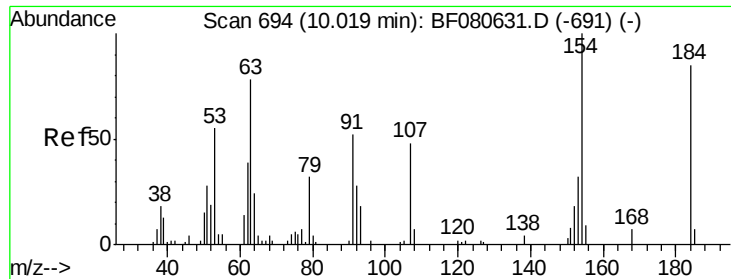
Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 17472 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 12.5  | 8.6   | 13.0  |
| 92        | 113.0 | 100.1 | 150.1 |





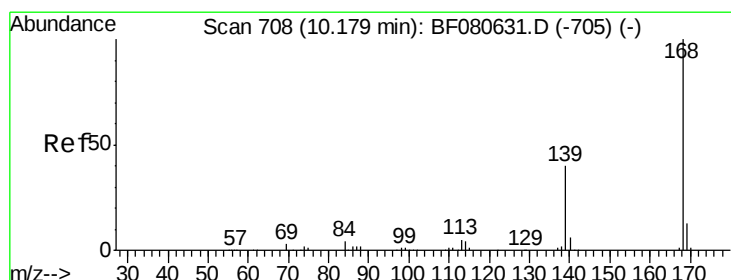
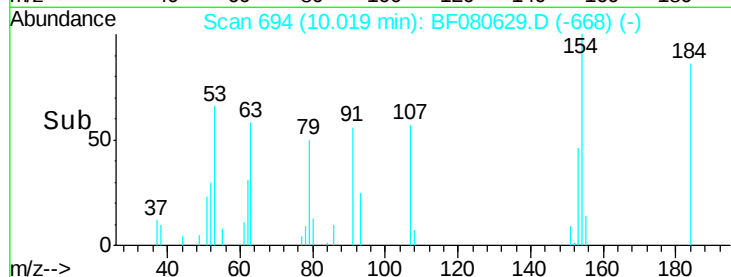
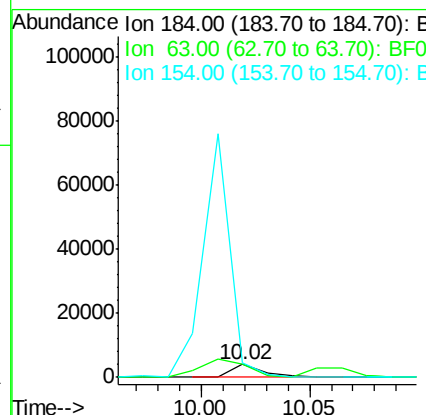
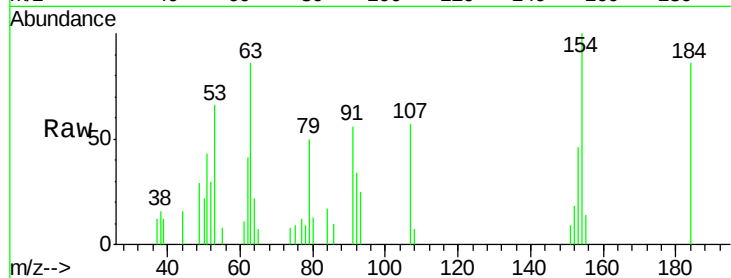
#53  
2,4-Dinitrophenol  
Concen: 8.65 ng  
RT: 10.02 min Scan# 694  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 100.0 | 73.4  | 110.0 |
| 154     | 116.2 | 94.2  | 141.4 |

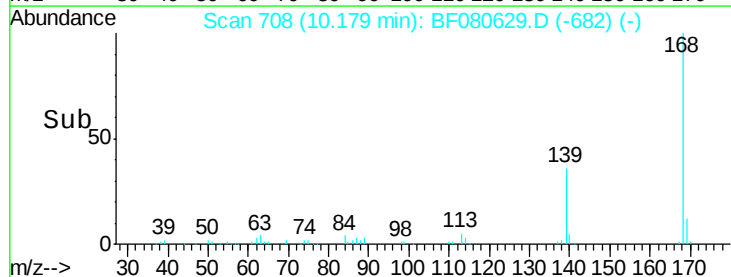
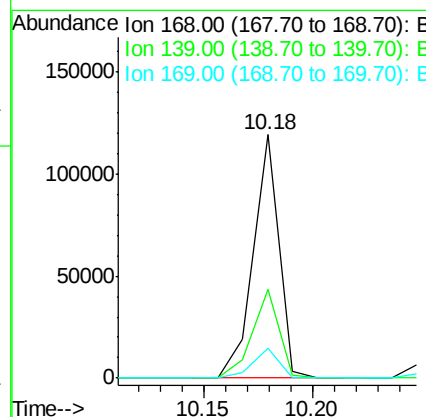
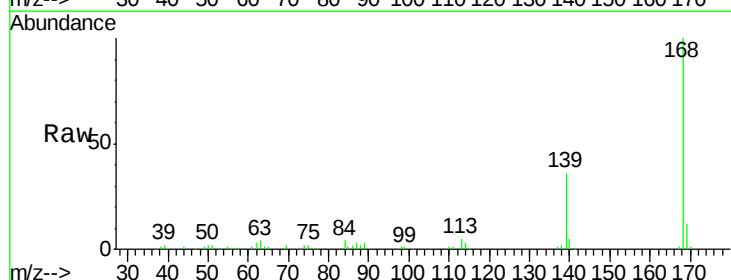
Manual Integrations  
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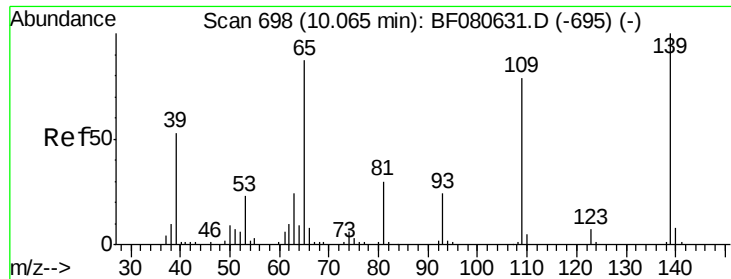
apatel  
7/27/2015 4:21:33 PM



#54  
Dibenzofuran  
Concen: 10.63 ng  
RT: 10.18 min Scan# 708  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.2  | 32.2  | 48.4  |
| 169     | 12.3  | 10.2  | 15.2  |





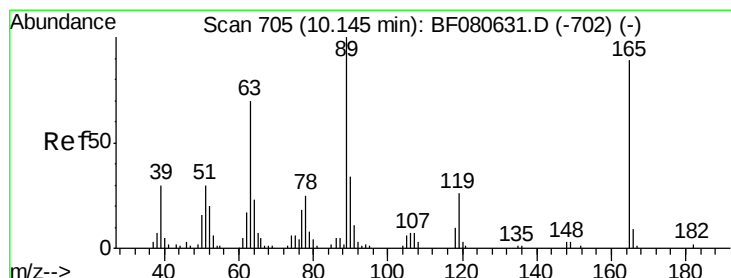
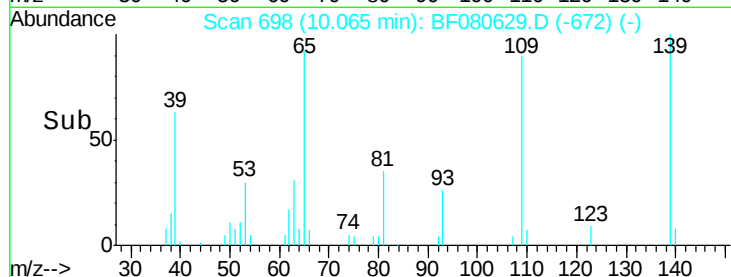
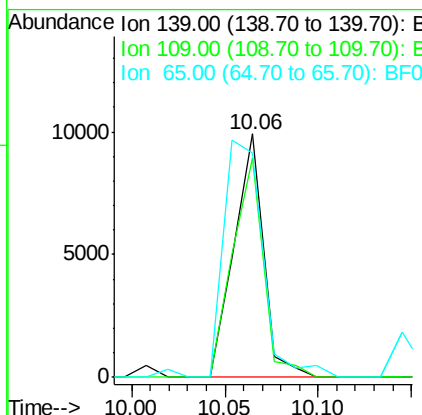
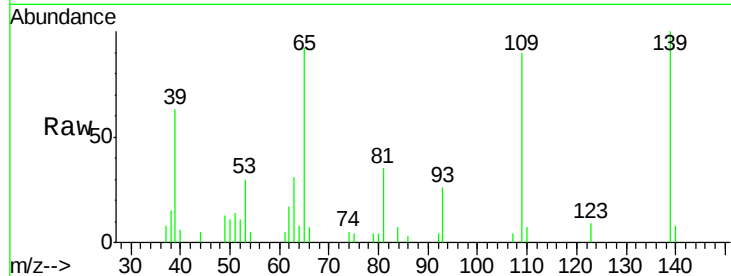
#55  
4-Nitrophenol  
Concen: 9.22 ng  
RT: 10.06 min Scan# 698  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC010

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 10988 |       |       |
| 109     | 90.1  | 59.4  | 99.4  |       |
| 65      | 92.4  | 67.4  | 107.4 |       |

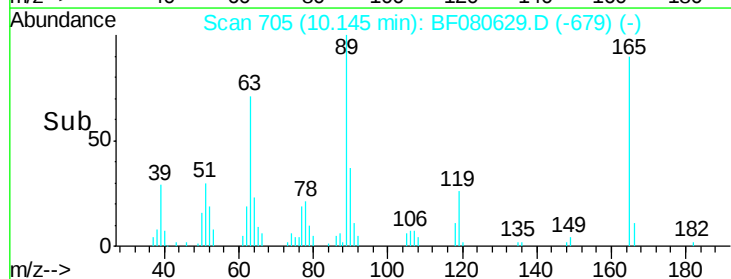
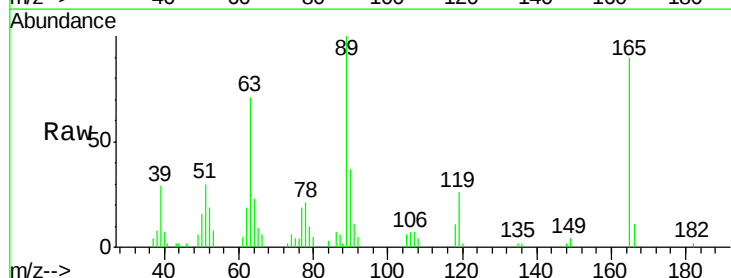
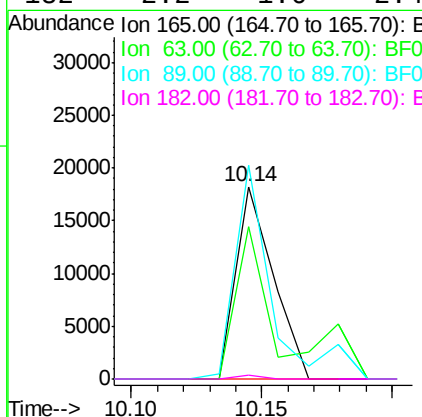
Manual Integrations  
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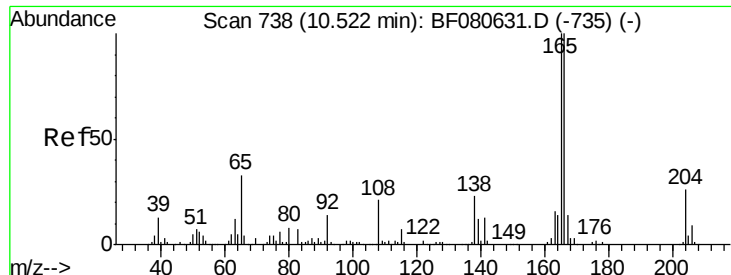
apatel  
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#56  
2,4-Dinitrotoluene  
Concen: 9.93 ng  
RT: 10.14 min Scan# 705  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 18195 |       |       |
| 63      | 79.2  | 63.0  | 94.4  |       |
| 89      | 111.1 | 90.2  | 135.2 |       |
| 182     | 2.2   | 1.6   | 2.4   |       |





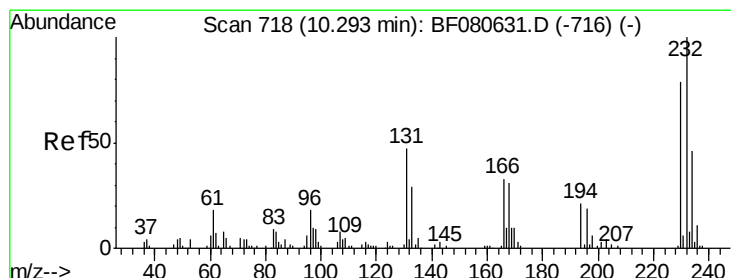
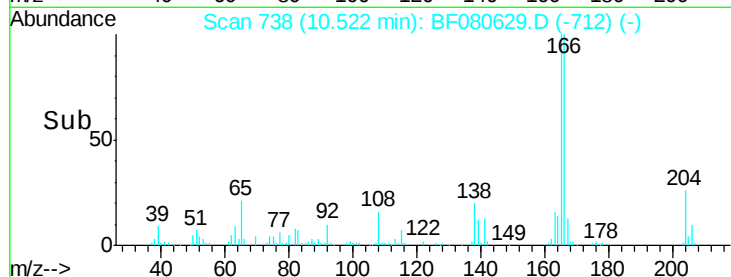
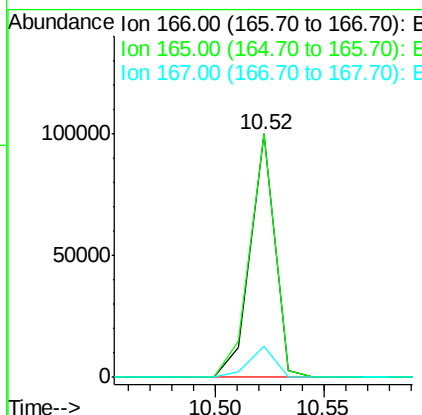
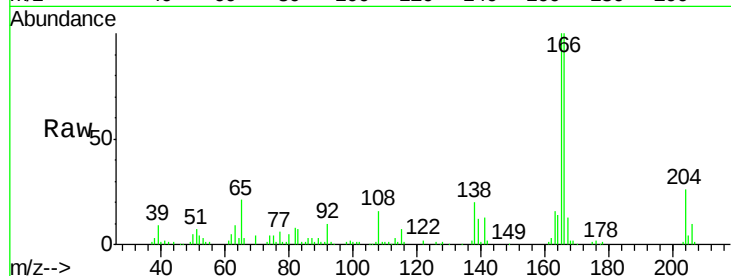
#57  
**Fluorene**  
 Concen: 10.84 ng  
 RT: 10.52 min Scan# 738  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 166     | 100   | 79241 |       |       |
| 165     | 100.0 | 80.0  | 120.0 |       |
| 167     | 12.9  | 10.8  | 16.2  |       |

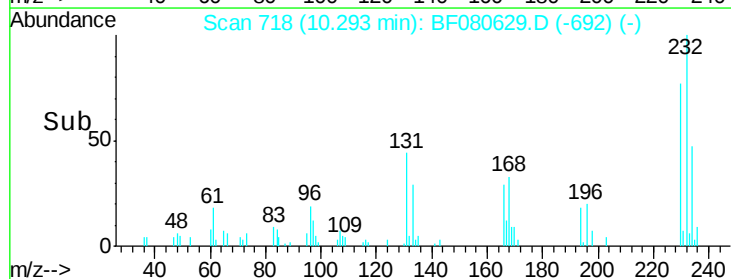
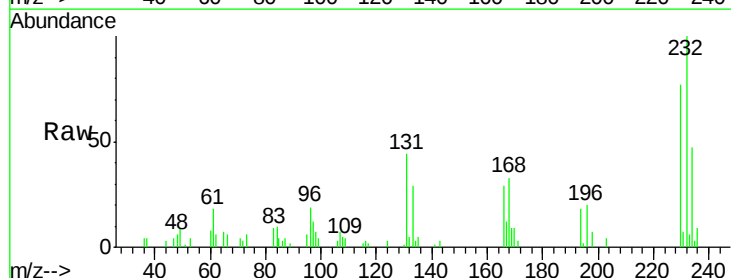
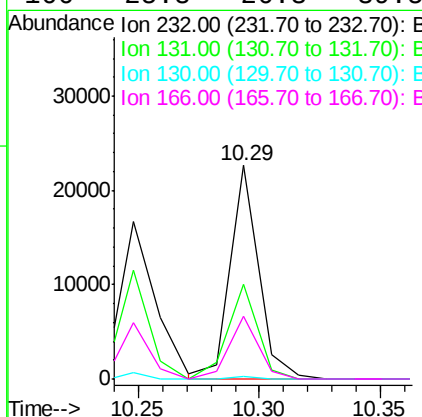
Manual Integrations  
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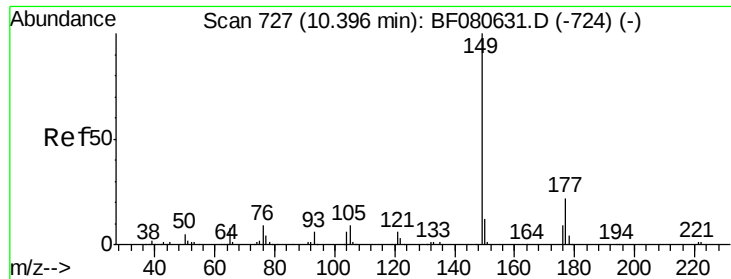
apatel  
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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 11.49 ng m  
 RT: 10.29 min Scan# 718  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 18678 |       |       |
| 131     | 50.6  | 40.2  | 60.2  |       |
| 130     | 2.4   | 1.8   | 2.8   |       |
| 166     | 25.8  | 26.3  | 39.5# |       |





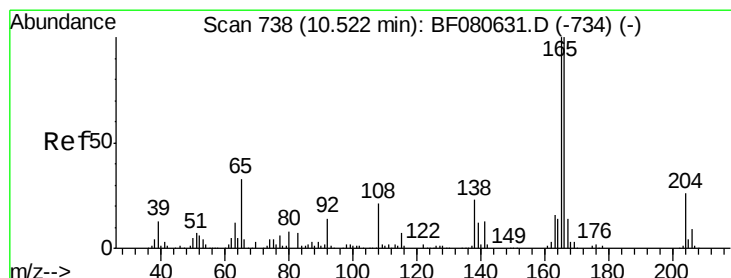
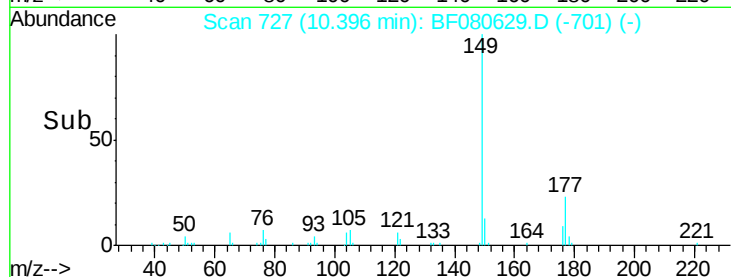
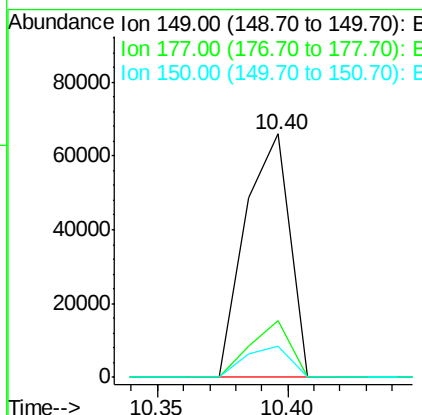
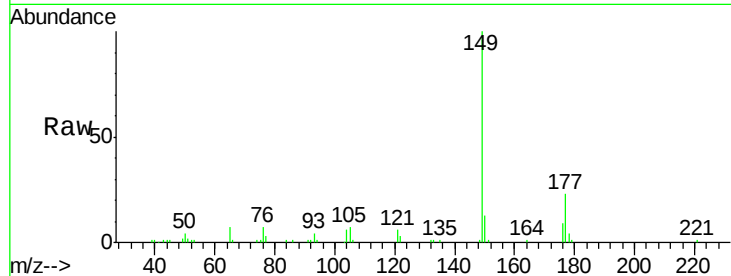
#59  
Diethylphthalate  
Concen: 10.41 ng  
RT: 10.40 min Scan# 727  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.2  | 17.8  | 26.8  |
| 150     | 12.5  | 9.8   | 14.8  |

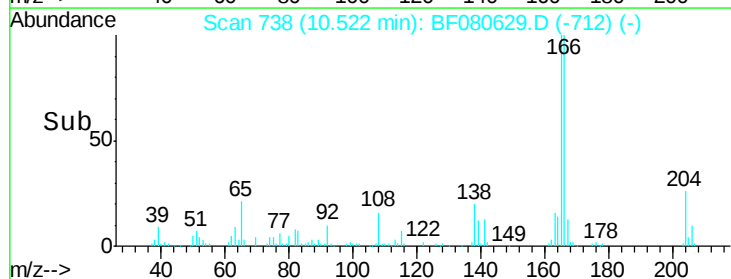
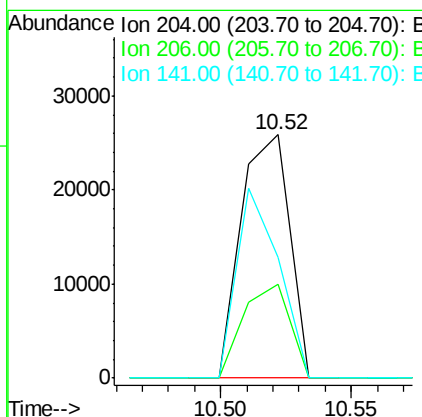
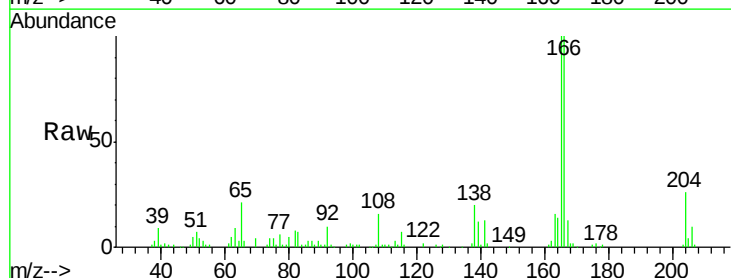
Manual Integrations  
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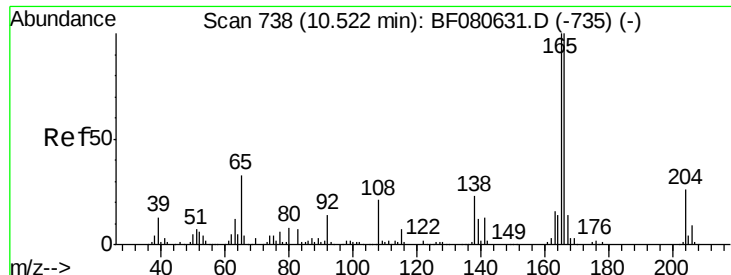
apatel  
7/27/2015 4:21:33 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 10.12 ng  
RT: 10.52 min Scan# 738  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 38.4  | 28.6  | 43.0  |
| 141     | 49.6  | 41.0  | 61.6  |





#61

4-Nitroaniline

Concen: 10.55 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF080629.D

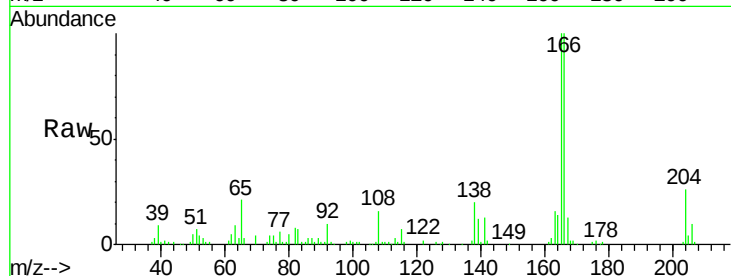
Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

ClientSampled :

SSTDICC010



Tgt Ion: 138 Resp: 17343

Ion Ratio Lower Upper

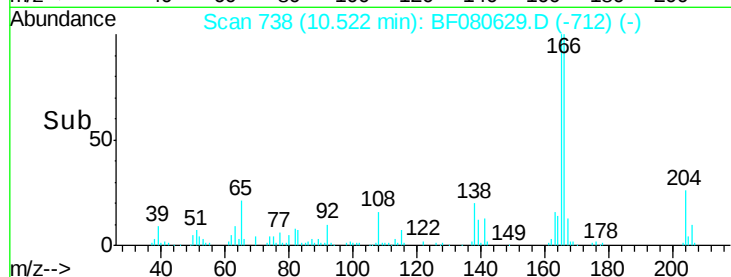
138 100

92 49.1 38.2 78.2

108 78.8 70.7 110.7

Manual Integrations  
APPROVED

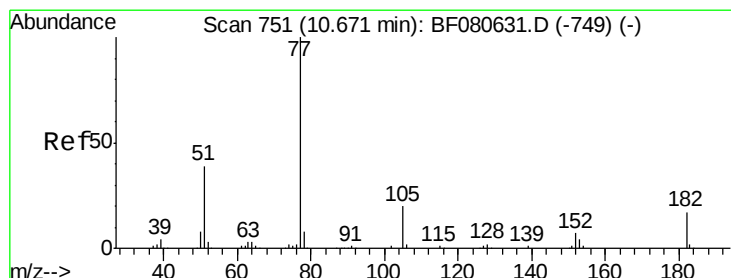
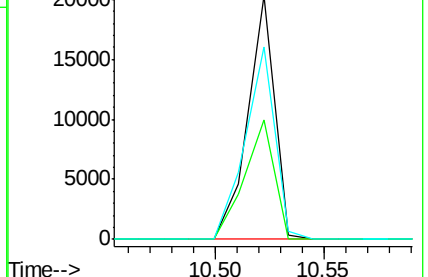
apatel  
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 10.64 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Tgt Ion: 77 Resp: 81810

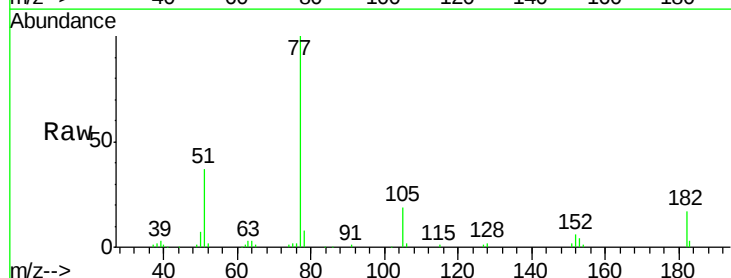
Ion Ratio Lower Upper

77 100

182 17.1 0.0 36.7

105 19.1 0.0 39.6

51 37.3 18.7 58.7

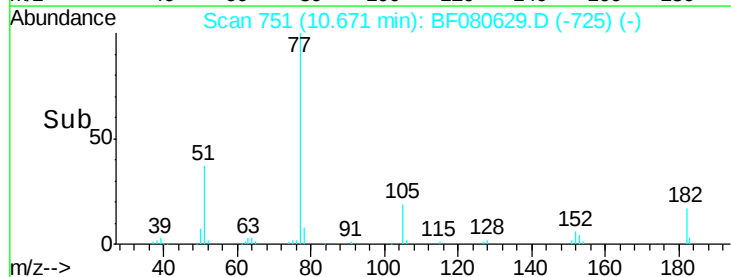
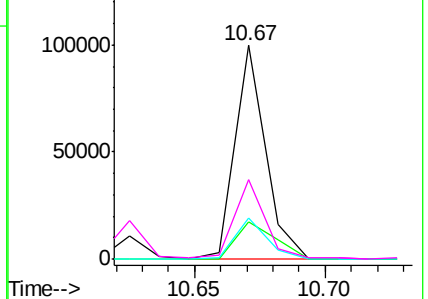


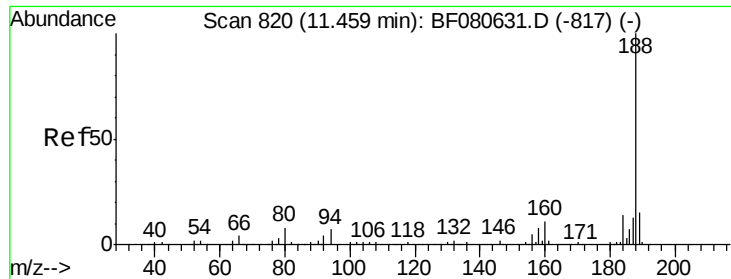
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





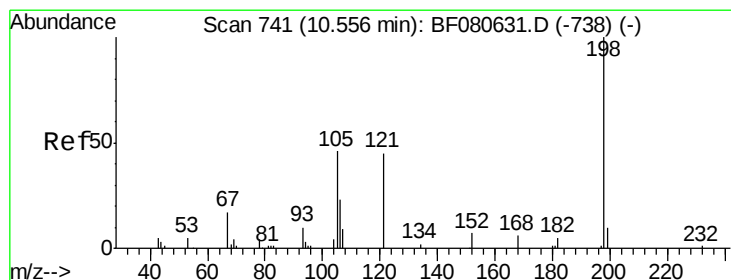
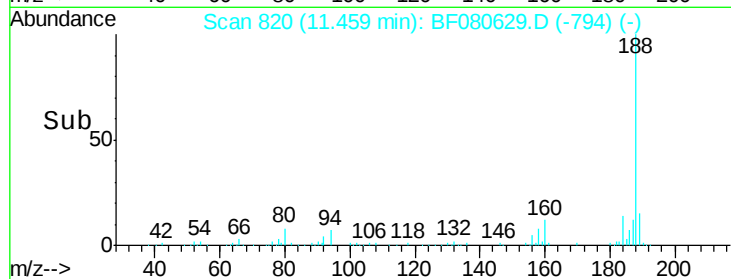
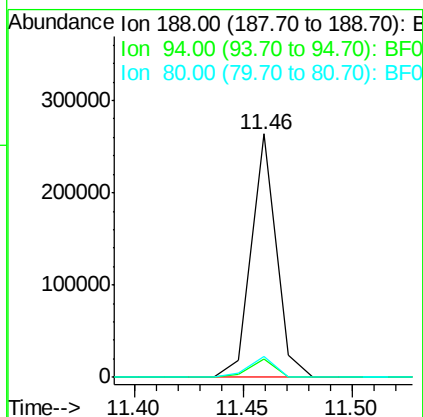
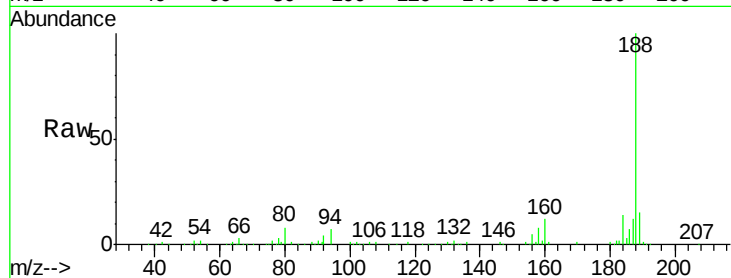
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.46 min Scan# 820  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 7.5   | 5.6        | 8.4   |
| 80      | 8.4   | 6.1        | 9.1   |

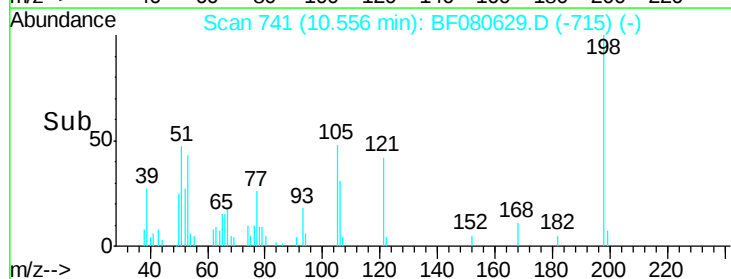
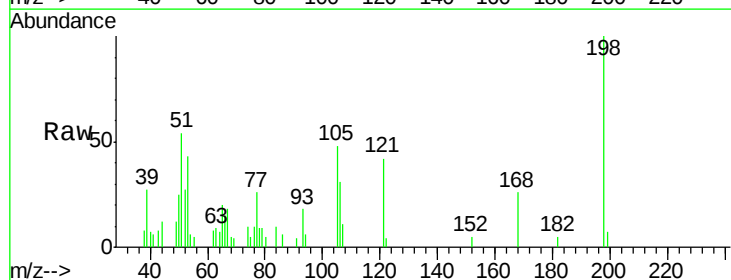
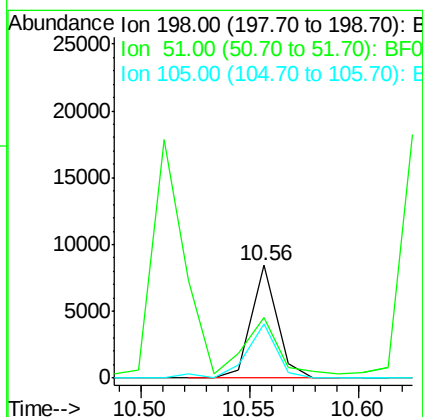
Manual Integrations  
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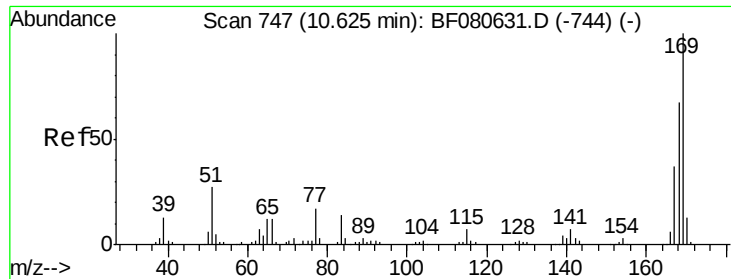
apatel  
7/27/2015 4:21:33 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 9.24 ng  
RT: 10.56 min Scan# 741  
Delta R.T. 0.00 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 53.9  | 31.1       | 71.1  |
| 105     | 48.1  | 28.6       | 68.6  |





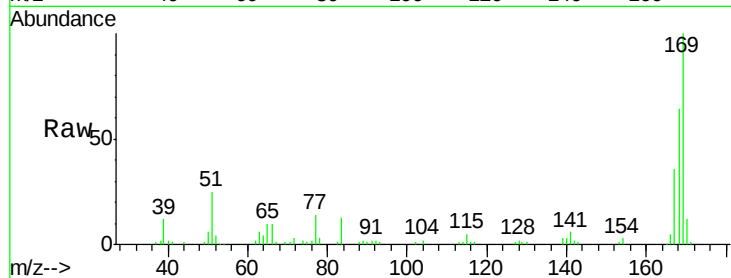
#65  
 n-Nitrosodiphenylamine  
 Concen: 9.75 ng  
 RT: 10.62 min Scan# 747  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

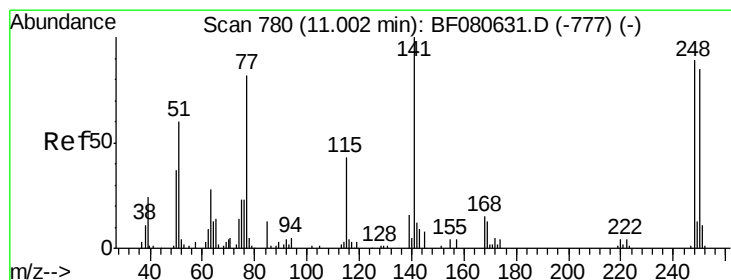
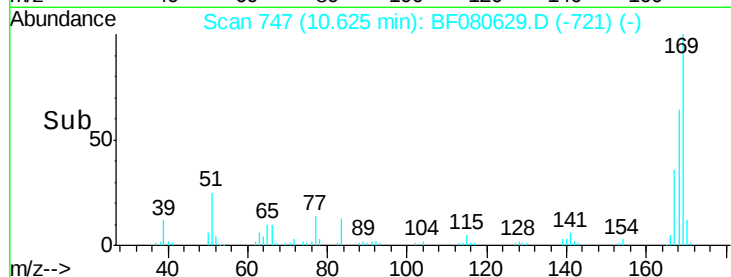
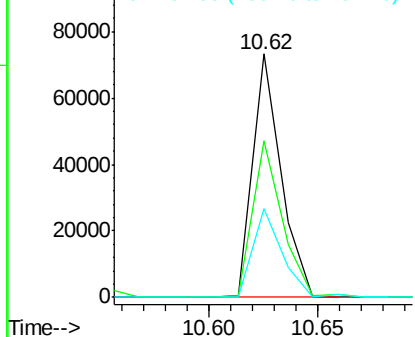
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 169     | 100   | 66176 |       |       |
| 168     | 64.3  | 53.4  | 80.2  |       |
| 167     | 36.2  | 29.4  | 44.0  |       |

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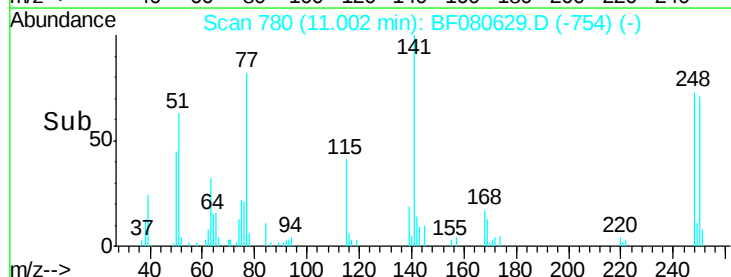
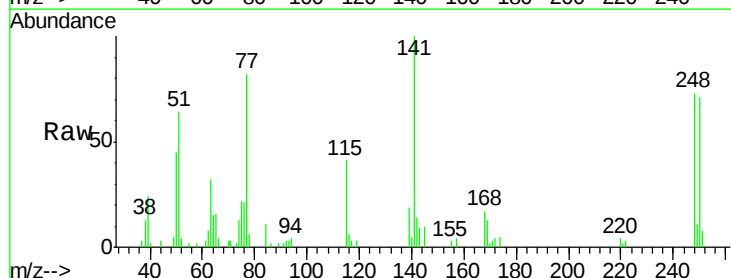
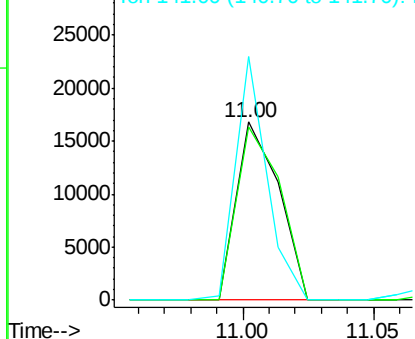
Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

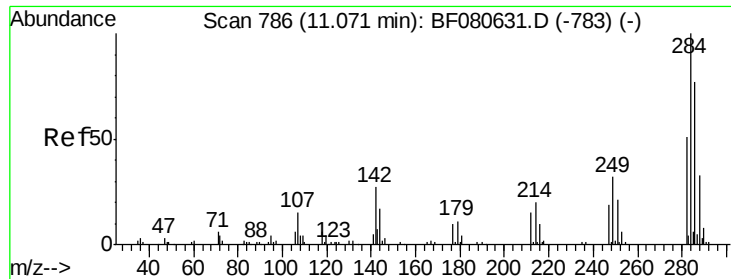


#66  
 4-Bromophenyl-phenylether  
 Concen: 9.02 ng  
 RT: 11.00 min Scan# 780  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 19148 |       |       |
| 250     | 97.1  | 76.6  | 114.8 |       |
| 141     | 136.9 | 90.0  | 135.0 |       |

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





#67

Hexachlorobenzene

Concen: 10.16 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF080629.D

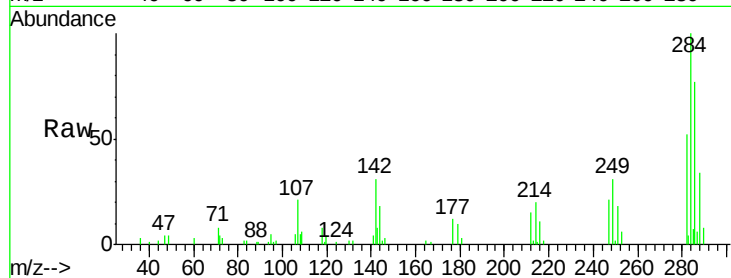
Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

ClientSampleId :

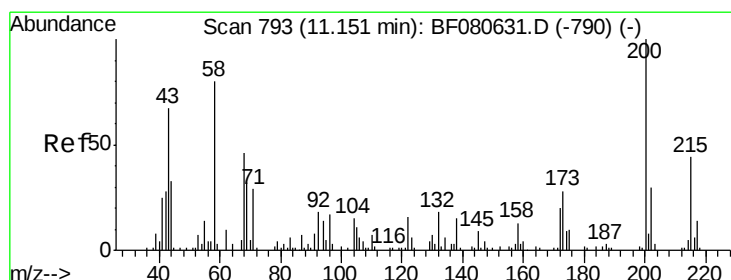
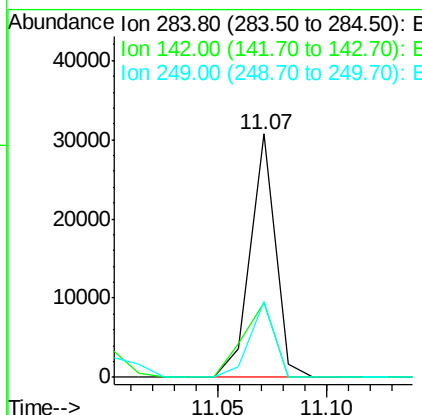
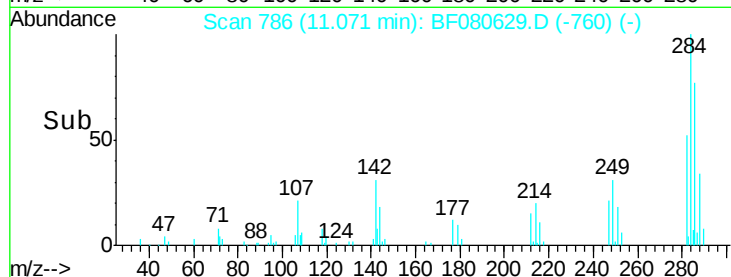
SSTDICC010



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 24608 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 30.6  | 21.2  | 31.8  |
| 249       | 31.2  | 25.9  | 38.9  |

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#68

Atrazine

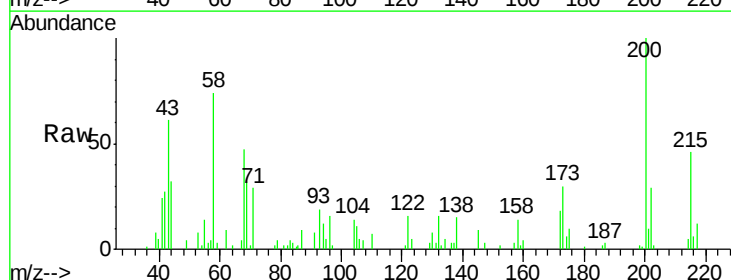
Concen: 10.75 ng

RT: 11.15 min Scan# 793

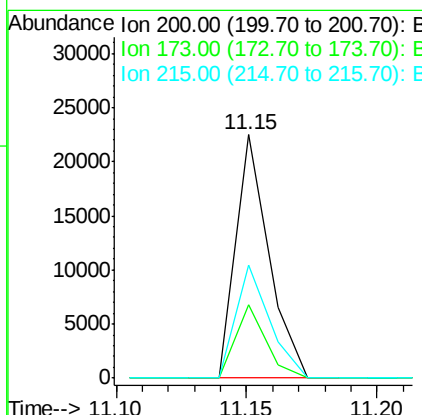
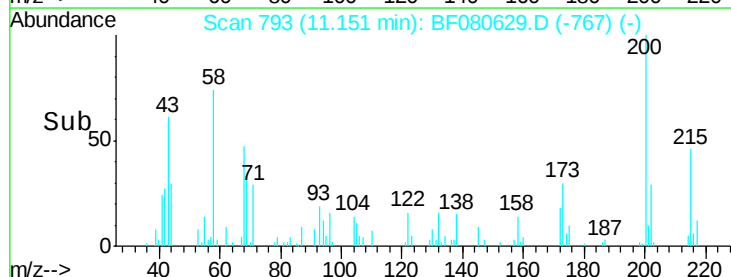
Delta R.T. 0.00 min

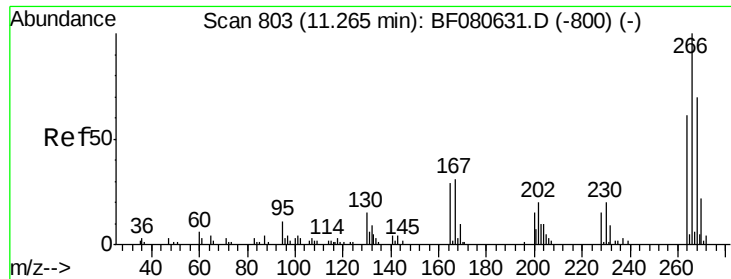
Lab File: BF080629.D

Acq: 24 Jul 2015 16:55



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 19936 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 30.2  | 8.6   | 48.6  |
| 215       | 46.3  | 24.1  | 64.1  |





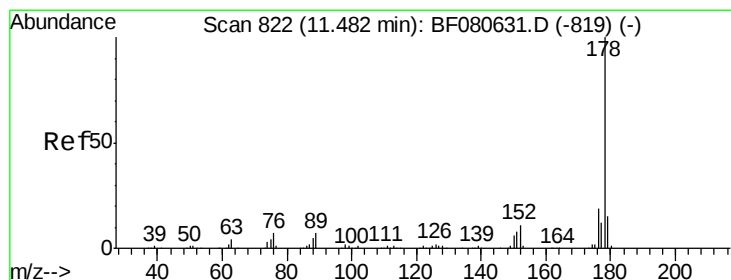
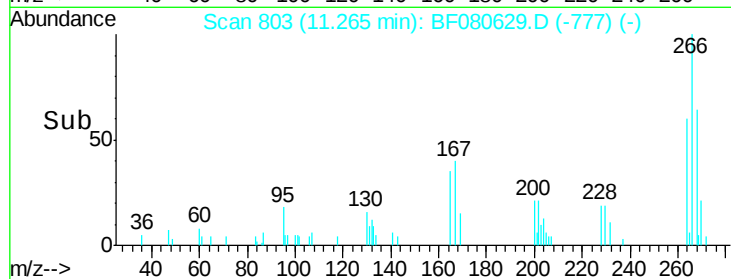
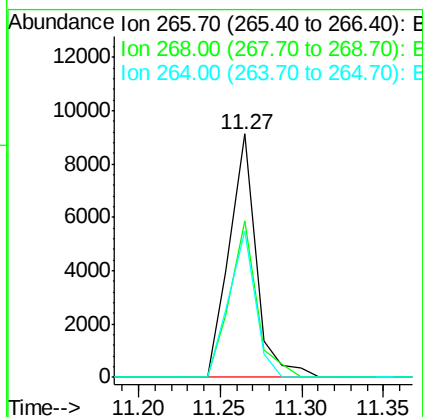
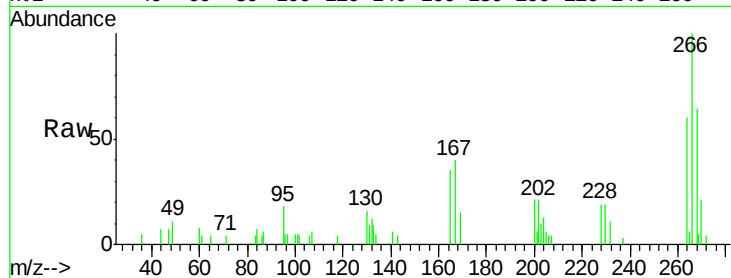
#69  
 Pentachlorophenol  
 Concen: 9.20 ng  
 RT: 11.27 min Scan# 803  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 10469 |       |       |
| 268     | 64.5  | 55.6  | 83.4  |       |
| 264     | 60.3  | 48.7  | 73.1  |       |

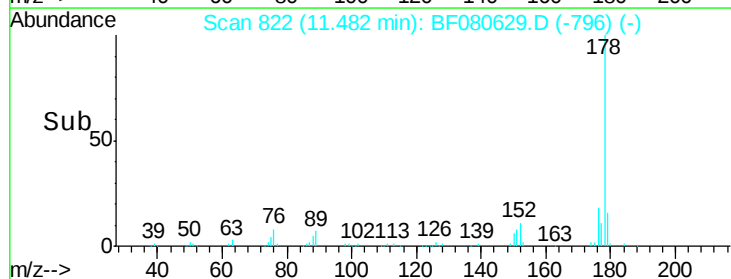
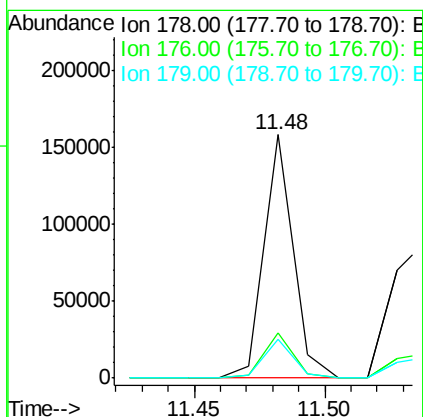
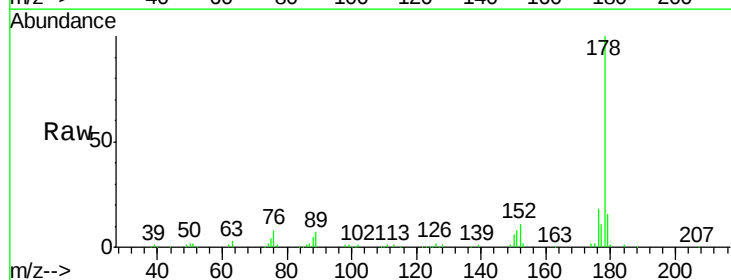
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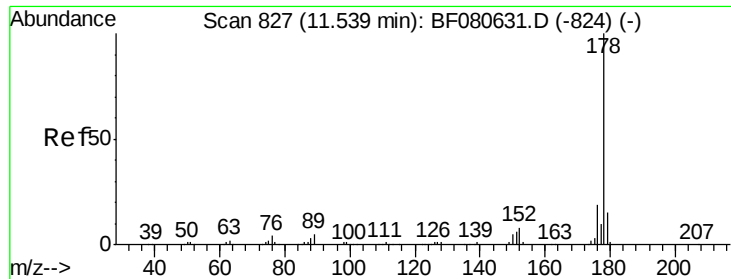
apatel  
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#70  
 Phenanthrene  
 Concen: 10.59 ng  
 RT: 11.48 min Scan# 822  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 124360 |       |       |
| 176     | 18.4  | 15.5   | 23.3  |       |
| 179     | 15.7  | 11.8   | 17.8  |       |





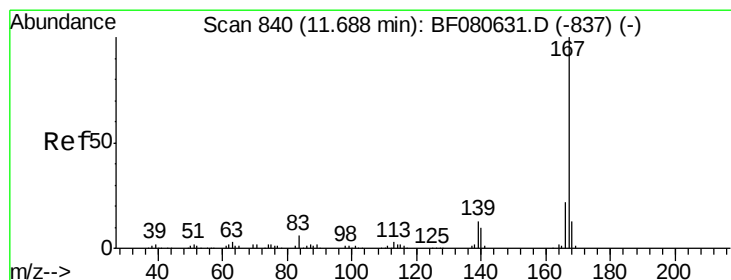
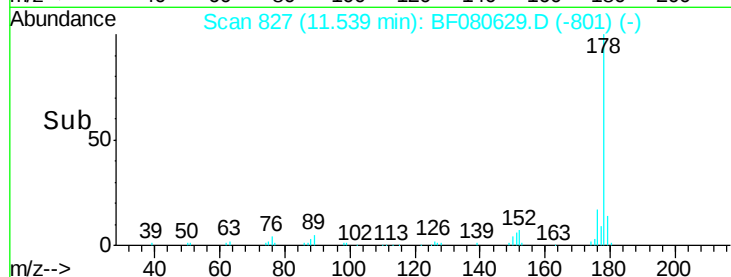
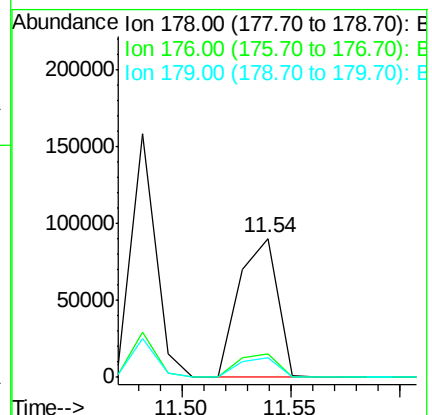
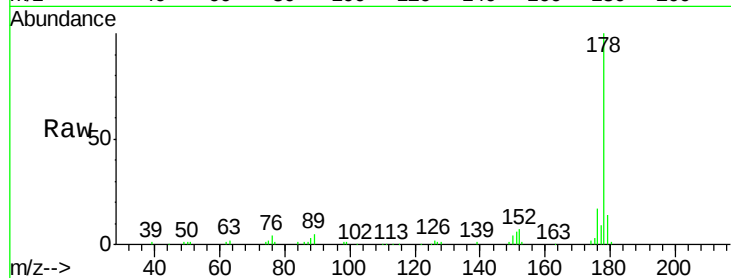
#71  
 Anthracene  
 Concen: 10.01 ng  
 RT: 11.54 min Scan# 827  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.2  | 15.0  | 22.6  |
| 179     | 14.2  | 12.1  | 18.1  |

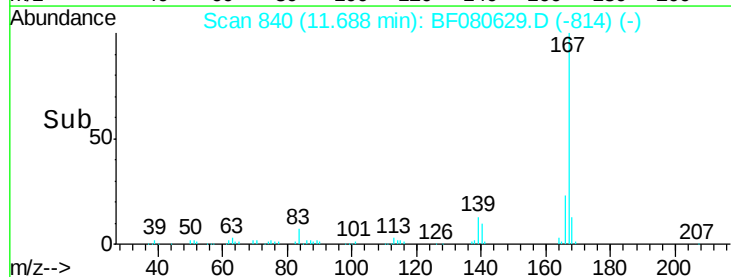
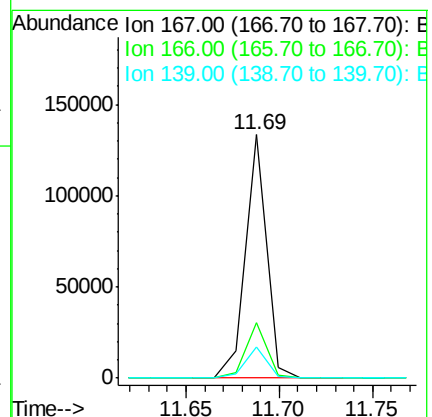
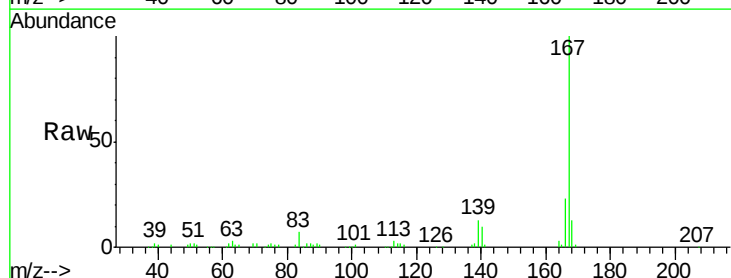
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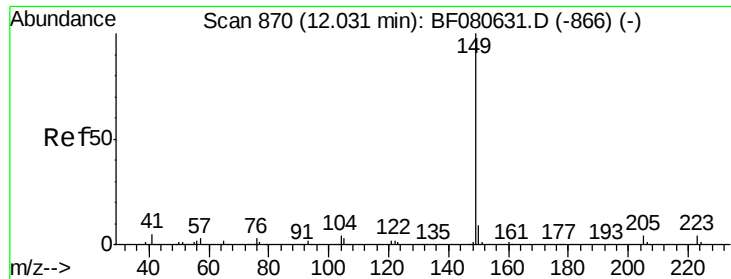
apatel  
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#72  
 Carbazole  
 Concen: 10.94 ng  
 RT: 11.69 min Scan# 840  
 Delta R.T. 0.00 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.7  | 17.9  | 26.9  |
| 139     | 12.9  | 10.6  | 15.8  |





#73

Di-n-butylphthalate

Concen: 11.74 ng

RT: 12.03 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

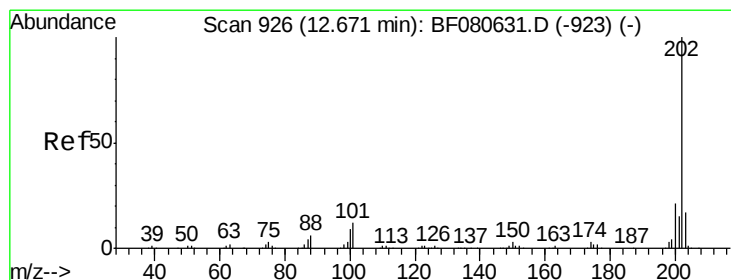
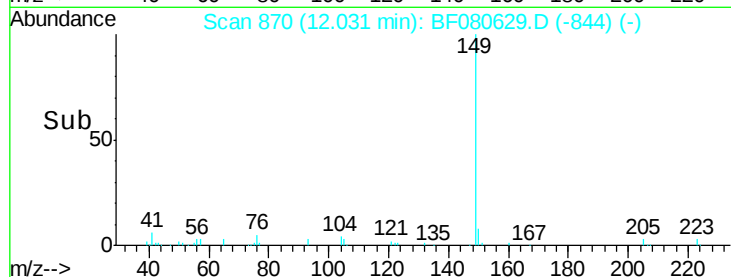
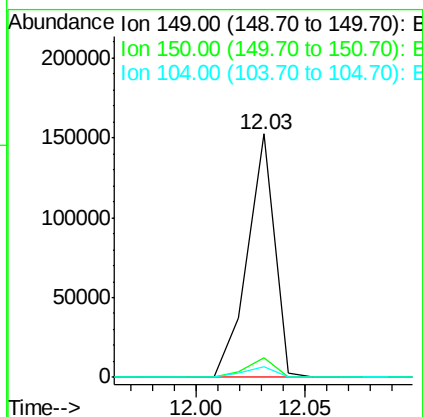
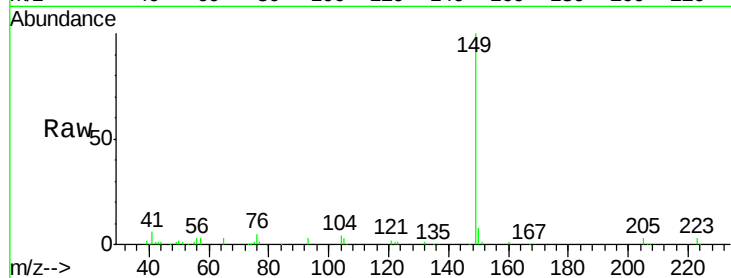
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 131871 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.1   | 7.3   | 10.9   |
| 104       | 4.3   | 3.5   | 5.3    |

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#74

Fluoranthene

Concen: 10.76 ng

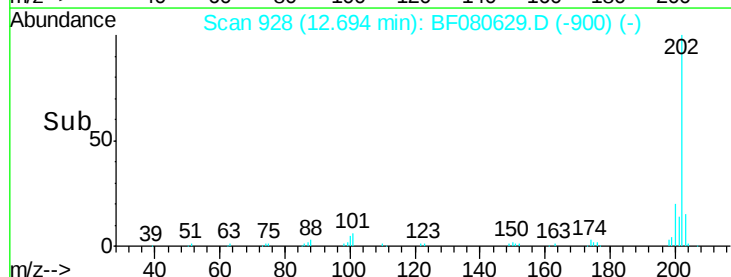
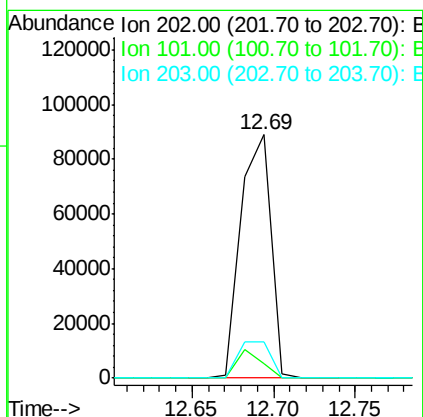
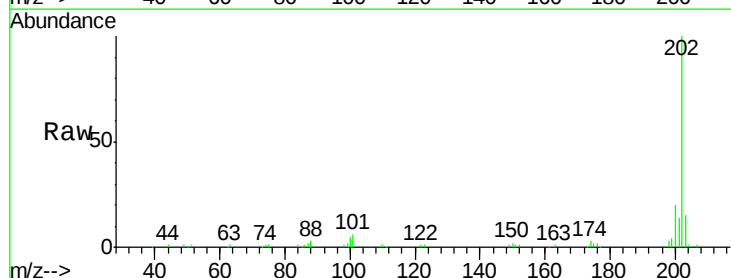
RT: 12.69 min Scan# 928

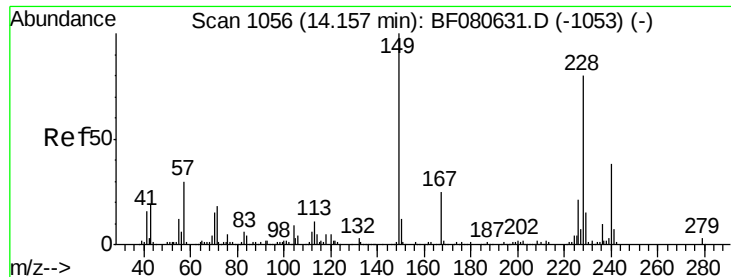
Delta R.T. 0.02 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 113607 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.2   | 0.0   | 32.0   |
| 203       | 15.1  | 0.0   | 37.0   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.26 min Scan# 1065

Delta R.T. 0.10 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

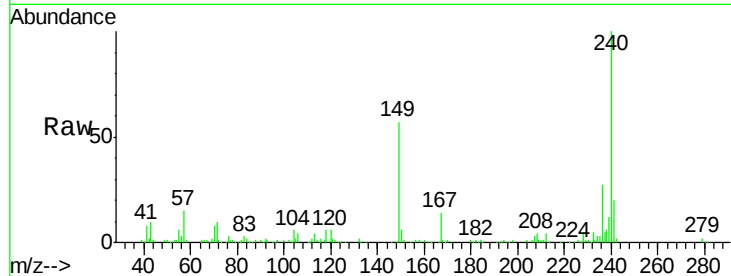
ClientSampleId :

SSTDIC010

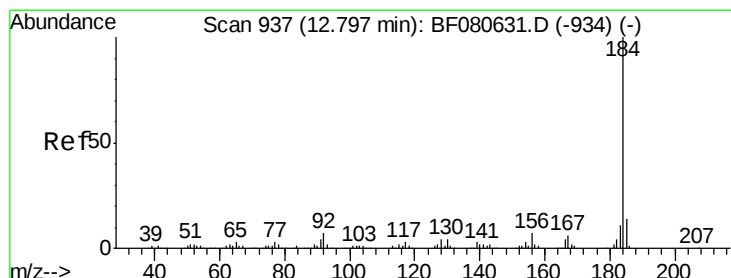
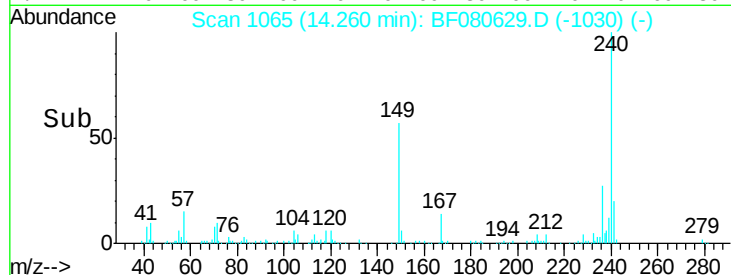
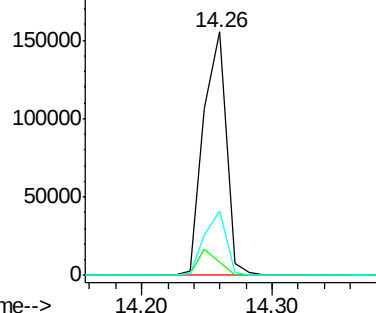
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 188369 |       |       |
| 120     | 5.6   | 10.8   | 16.2  |       |
| 236     | 26.7  | 20.3   | 30.5  |       |

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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.61 ng

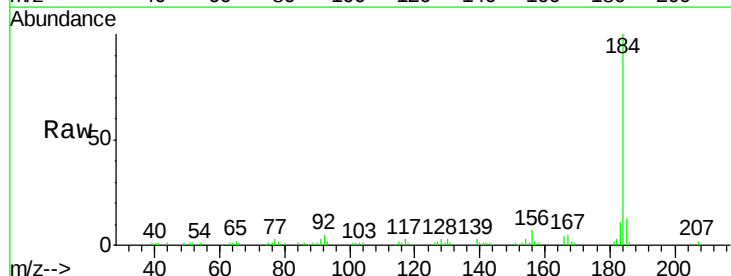
RT: 12.82 min Scan# 939

Delta R.T. 0.02 min

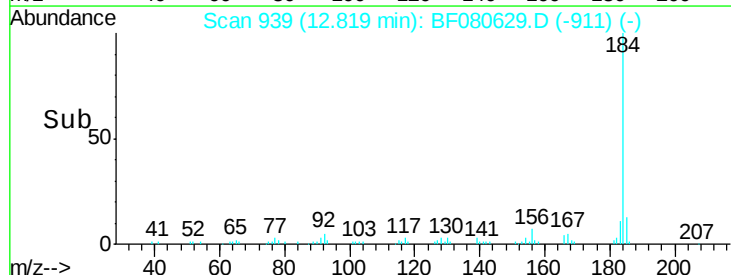
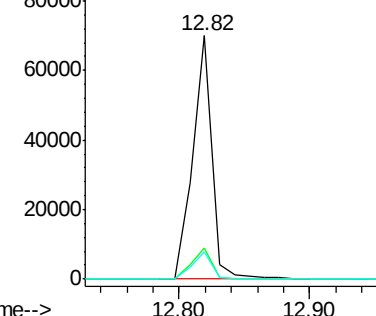
Lab File: BF080629.D

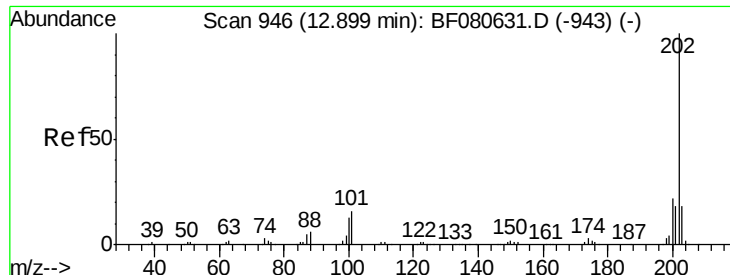
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 71831 |       |       |
| 185     | 12.9  | 11.4  | 17.0  |       |
| 183     | 11.1  | 9.0   | 13.6  |       |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 9.42 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.02 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

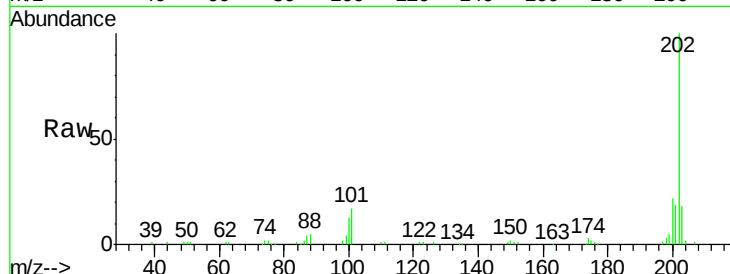
ClientSampleId :

SSTDICC010

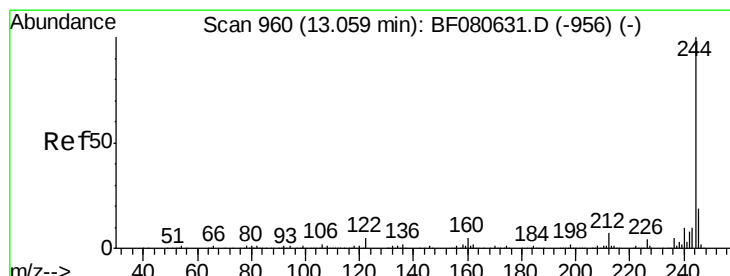
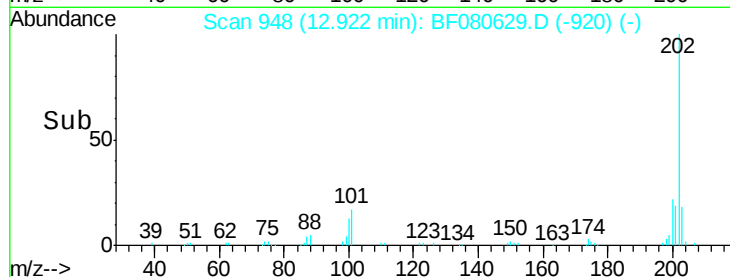
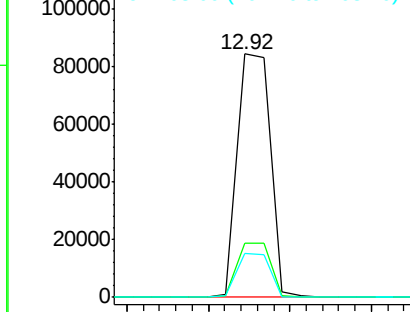
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 117155 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 22.0  | 17.4  | 26.0   |
| 203       | 18.3  | 14.6  | 22.0   |

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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: 21.14 ng

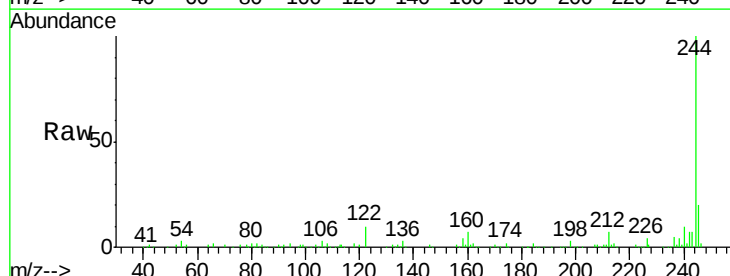
RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

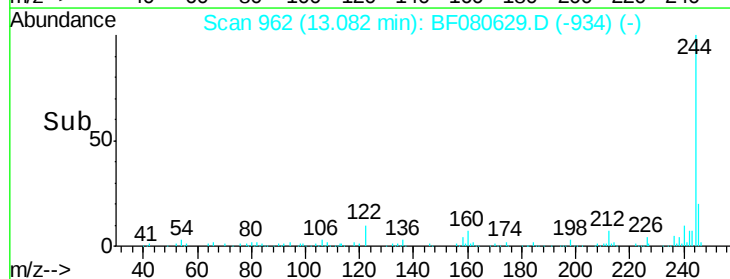
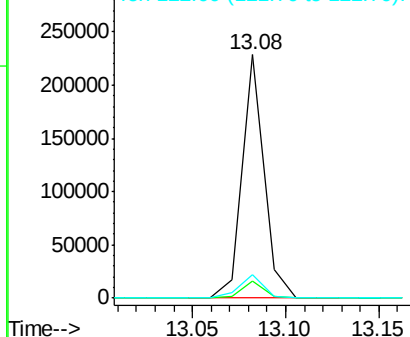
Lab File: BF080629.D

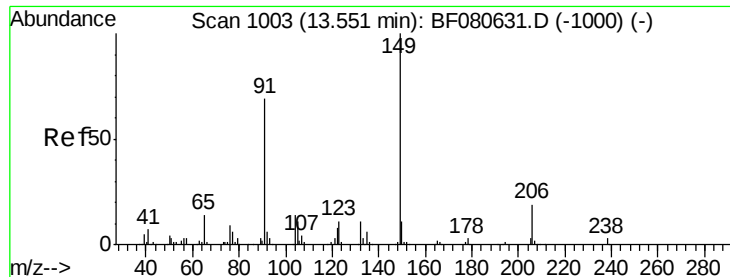
Acq: 24 Jul 2015 16:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 188073 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.1   | 5.2   | 7.8    |
| 122       | 9.8   | 4.1   | 6.1#   |



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





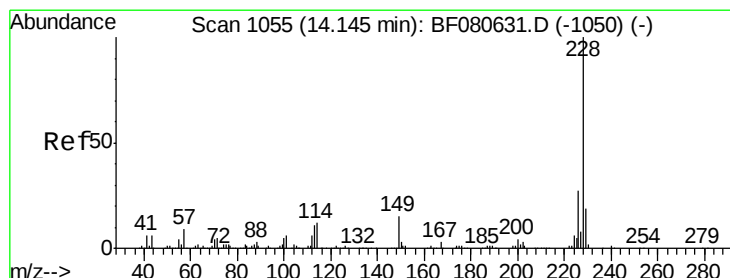
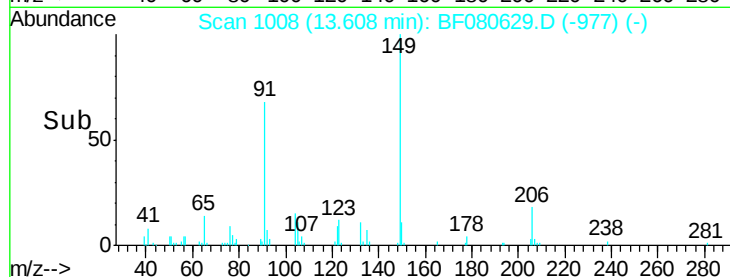
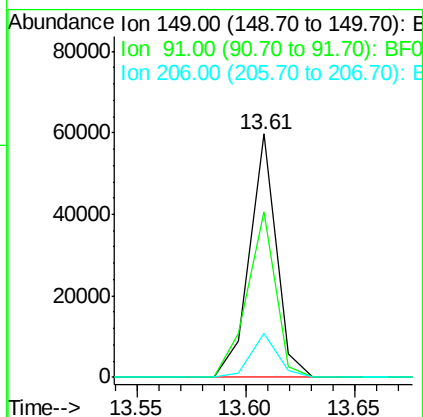
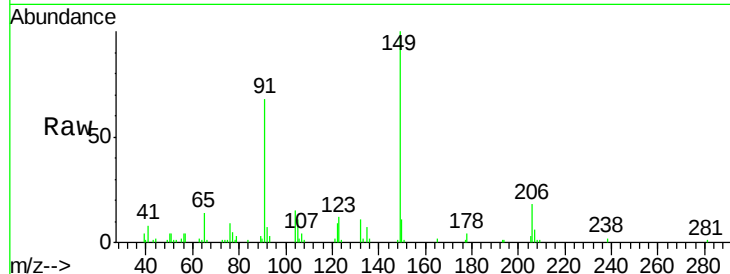
#79  
Butylbenzylphthalate  
Concen: 11.81 ng  
RT: 13.61 min Scan# 1008  
Delta R.T. 0.06 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 68.0  | 55.0       | 82.4       |
| 206     | 18.0  | 15.0       | 22.6       |

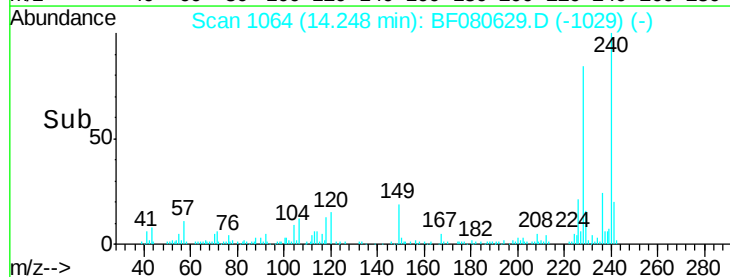
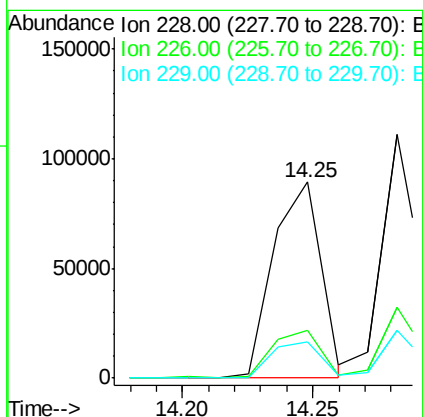
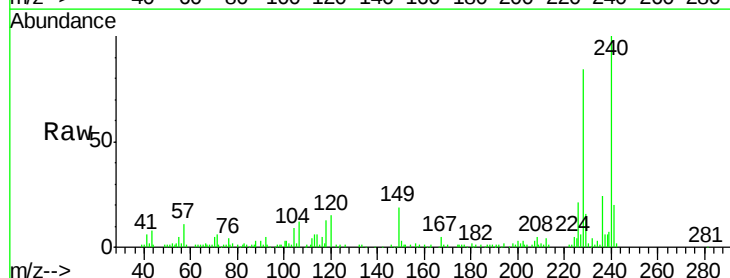
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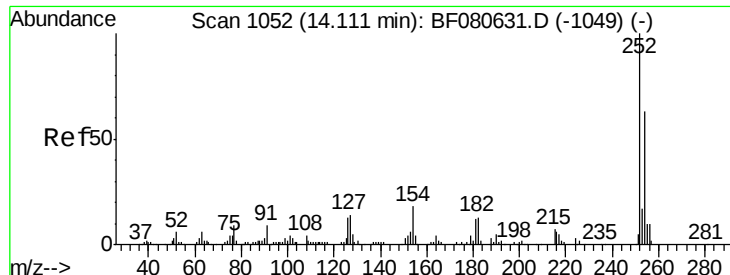
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#80  
Benzo(a)anthracene  
Concen: 10.73 ng  
RT: 14.25 min Scan# 1064  
Delta R.T. 0.10 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 24.7  | 21.4       | 32.0       |
| 229     | 18.5  | 15.4       | 23.0       |





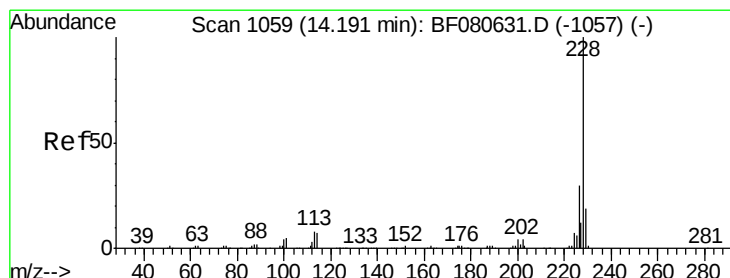
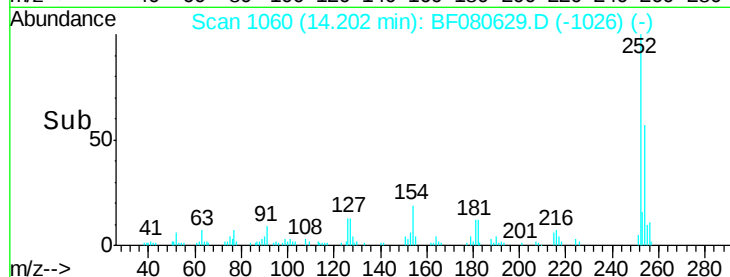
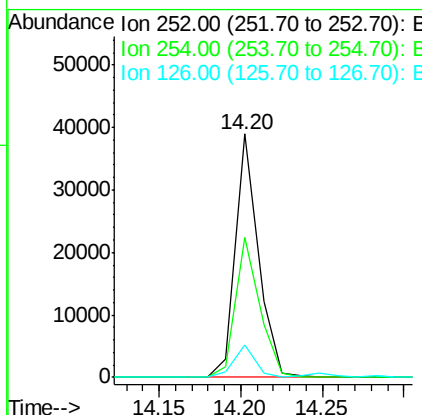
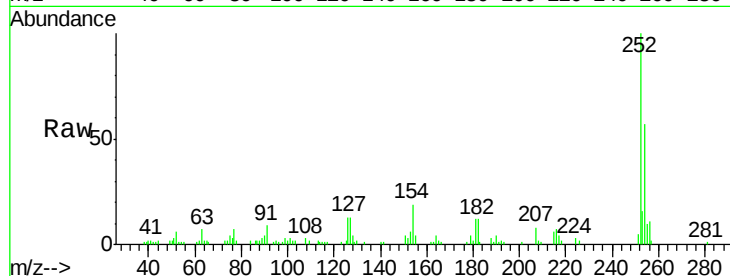
#81  
 3,3'-Dichlorobenzidine  
 Concen: 12.26 ng  
 RT: 14.20 min Scan# 1060  
 Delta R.T. 0.09 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 57.4  | 50.4  | 75.6  |
| 126     | 13.3  | 10.6  | 15.8  |

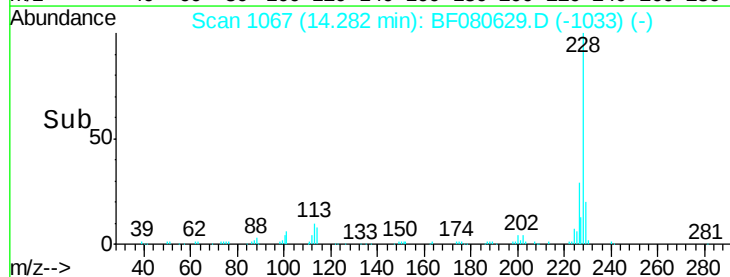
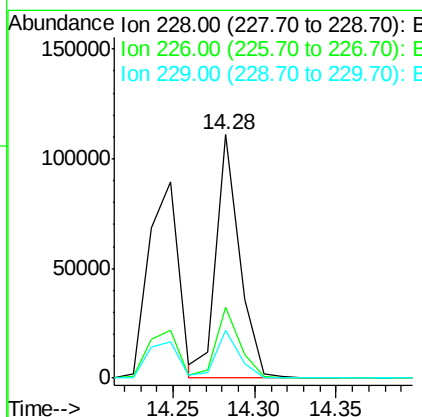
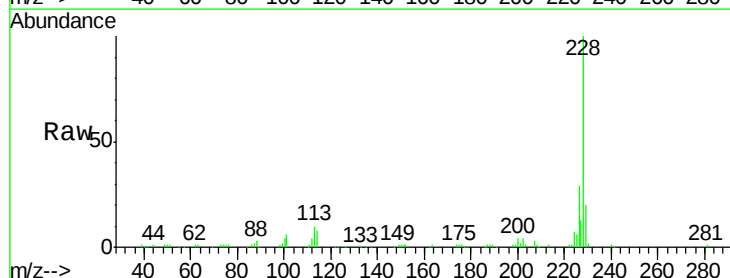
Manual Integrations  
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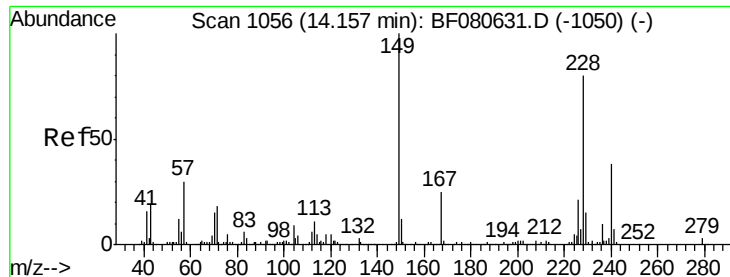
apatel  
 7/27/2015 4:21:33 PM



#82  
 Chrysene  
 Concen: 10.60 ng  
 RT: 14.28 min Scan# 1067  
 Delta R.T. 0.09 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.1  | 24.2  | 36.4  |
| 229     | 19.8  | 15.4  | 23.2  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 12.62 ng

RT: 14.26 min Scan# 1065

Delta R.T. 0.10 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

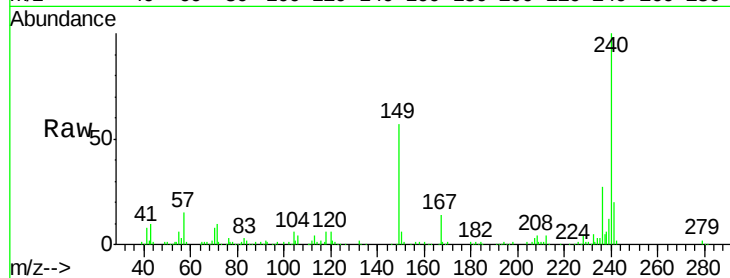
ClientSampleId :

SSTDIC010

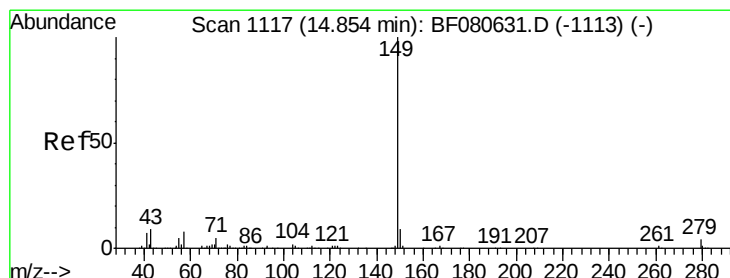
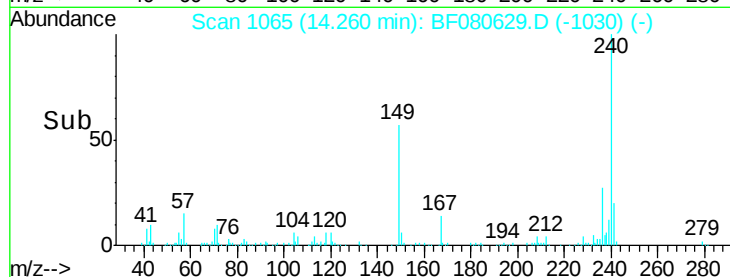
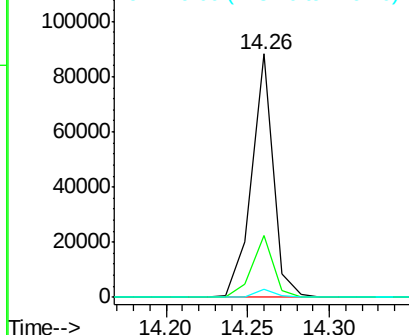
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 80952 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 25.5  | 19.7  | 29.5  |
| 279       | 3.4   | 2.2   | 3.4#  |

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7/27/2015 4:21:33 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 14.71 ng

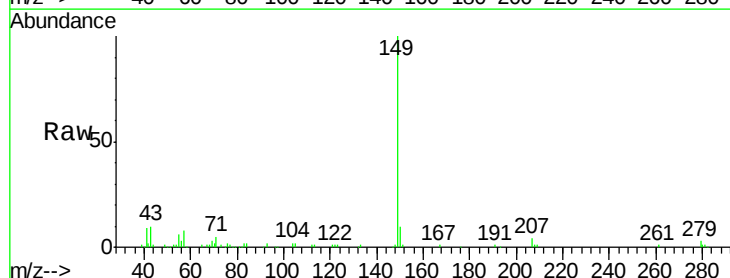
RT: 15.01 min Scan# 1131

Delta R.T. 0.16 min

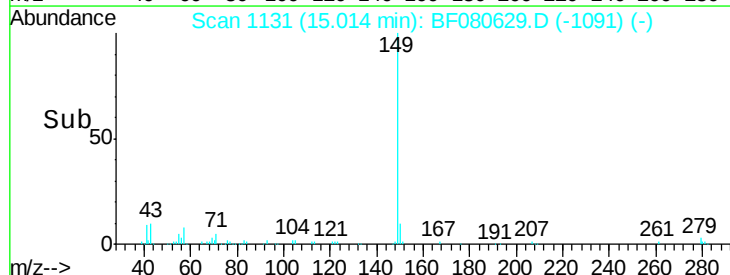
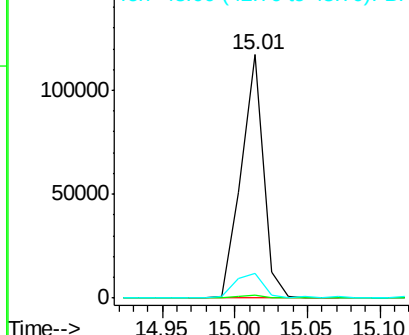
Lab File: BF080629.D

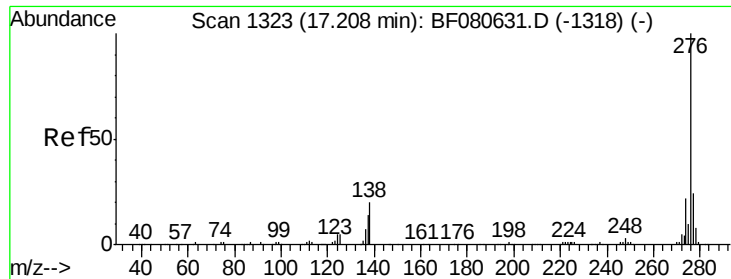
Acq: 24 Jul 2015 16:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 125291 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.2   | 1.0   | 1.4    |
| 43        | 14.9  | 10.1  | 15.1   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





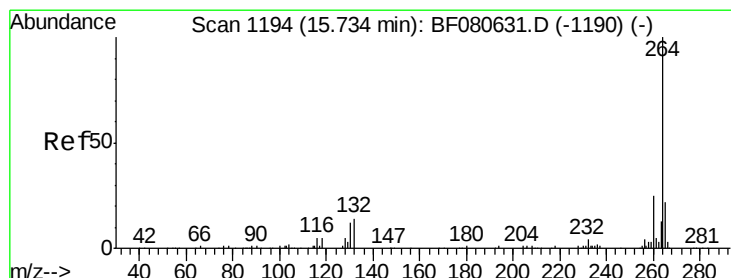
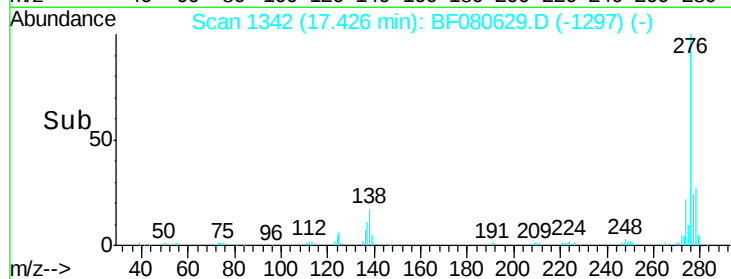
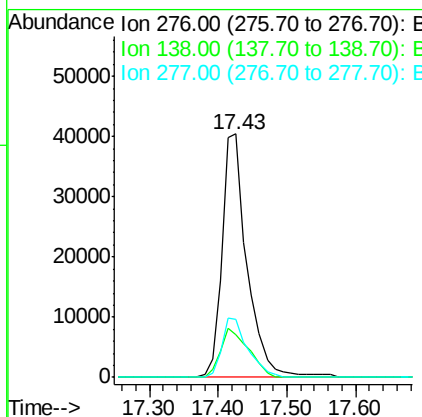
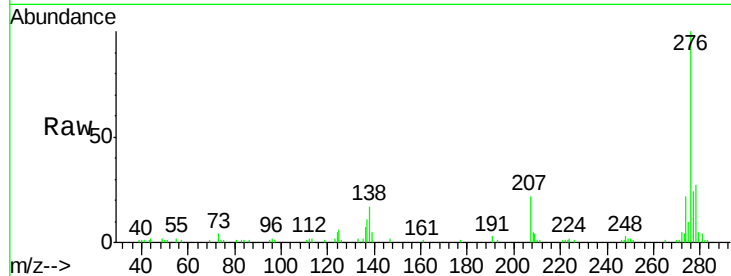
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 12.08 ng  
 RT: 17.43 min Scan# 1342  
 Delta R.T. 0.22 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 103314 |       |       |
| 138     | 22.5  |        | 17.5  | 26.3  |
| 277     | 25.0  |        | 19.8  | 29.6  |

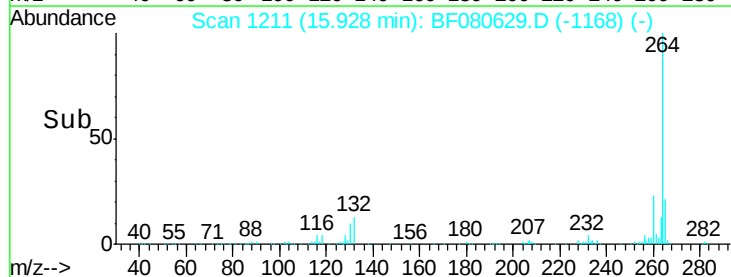
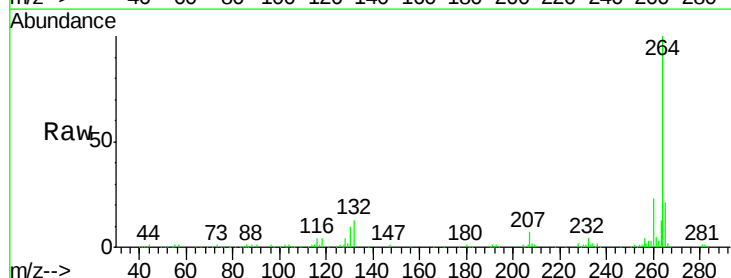
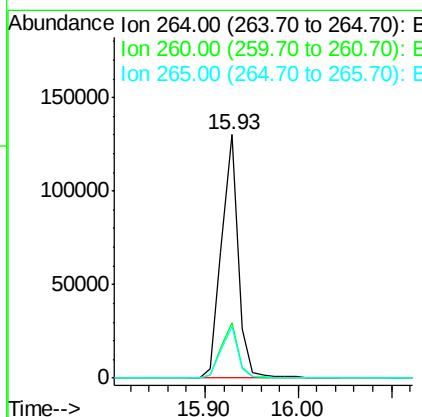
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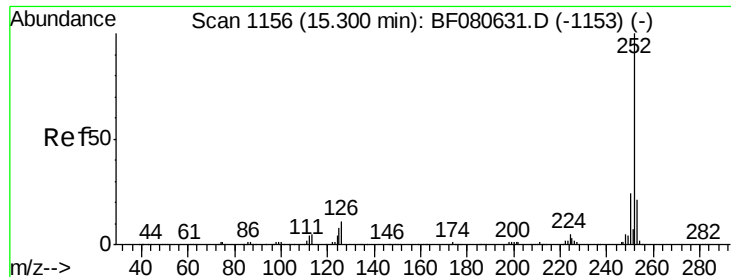
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.93 min Scan# 1211  
 Delta R.T. 0.19 min  
 Lab File: BF080629.D  
 Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 161886 |       |       |
| 260     | 23.0  |        | 20.1  | 30.1  |
| 265     | 21.2  |        | 17.4  | 26.0  |





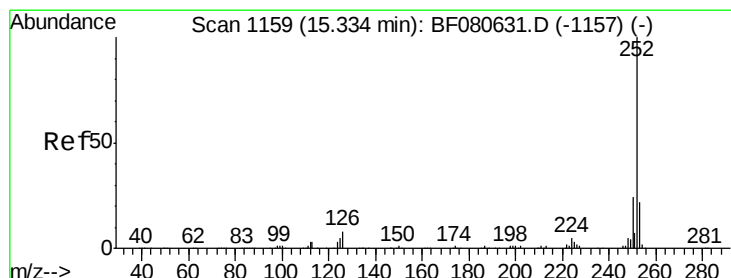
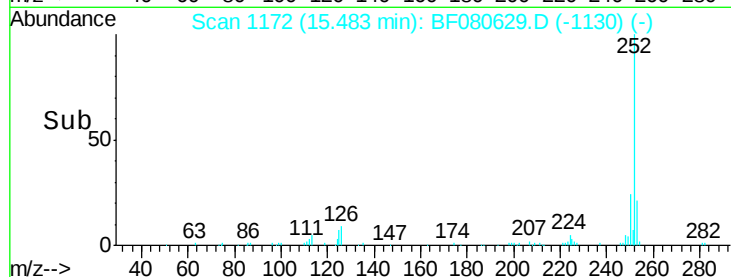
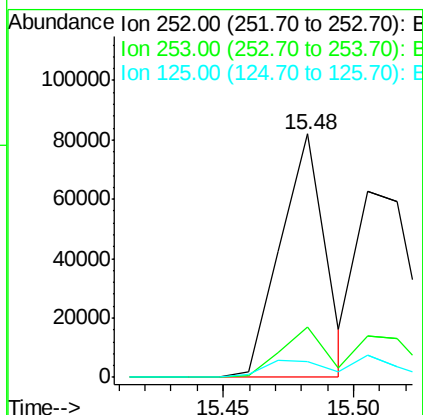
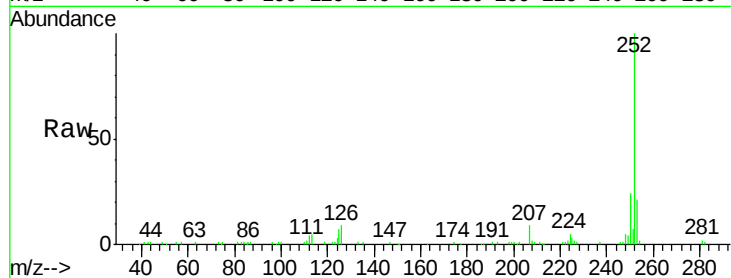
#87  
Benzo(b)fluoranthene  
Concen: 10.10 ng  
RT: 15.48 min Scan# 1172  
Delta R.T. 0.18 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.9  | 17.1  | 25.7  |
| 125     | 6.7   | 6.5   | 9.7   |

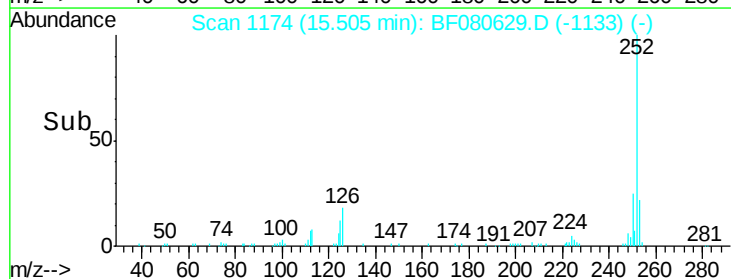
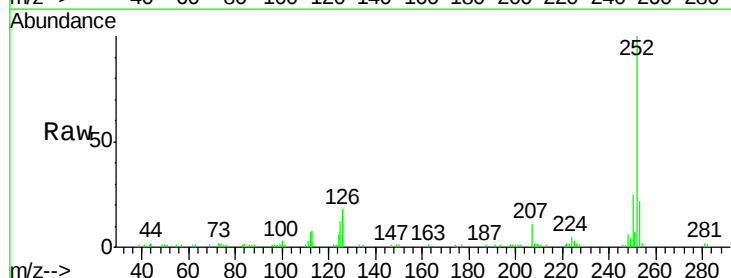
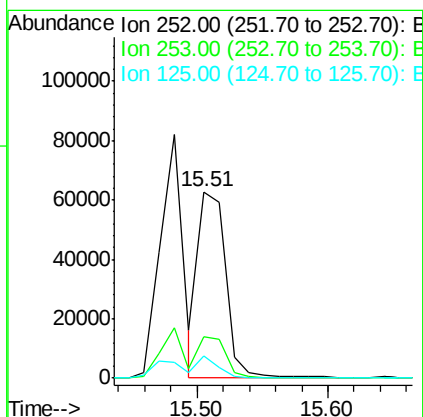
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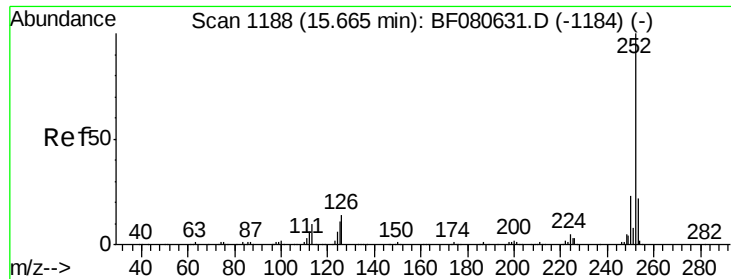
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#88  
Benzo(k)fluoranthene  
Concen: 9.63 ng m  
RT: 15.51 min Scan# 1174  
Delta R.T. 0.17 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.0  | 25.6  |
| 125     | 11.8  | 4.6   | 6.8#  |





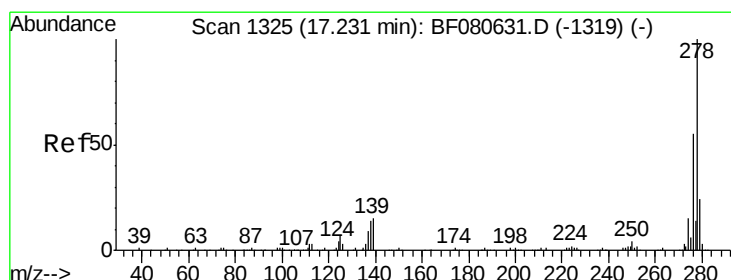
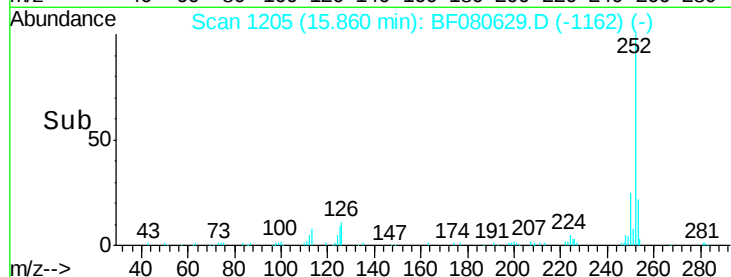
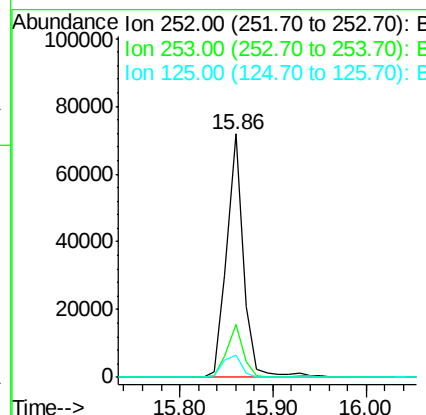
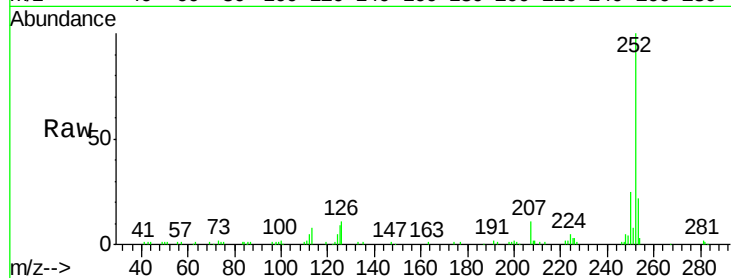
#89  
Benzo(a)pyrene  
Concen: 10.52 ng  
RT: 15.86 min Scan# 1205  
Delta R.T. 0.19 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.8  | 26.6  |
| 125     | 9.2   | 9.1   | 13.7  |

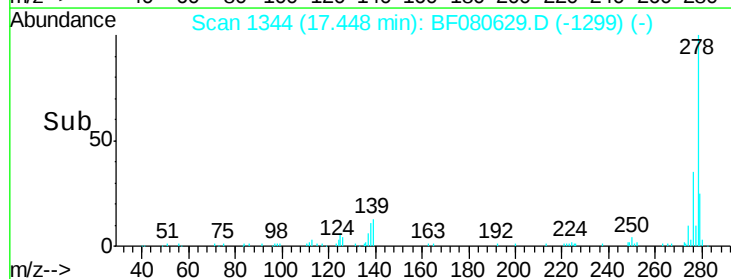
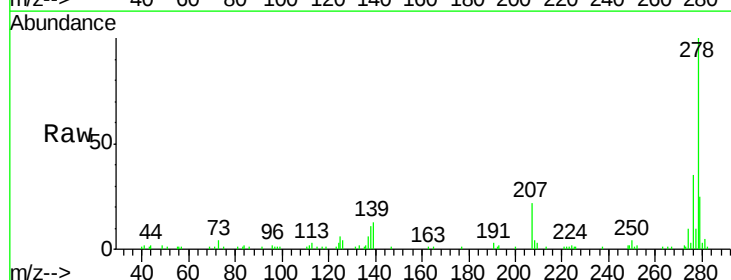
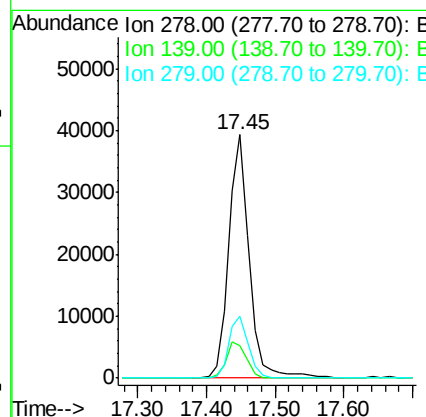
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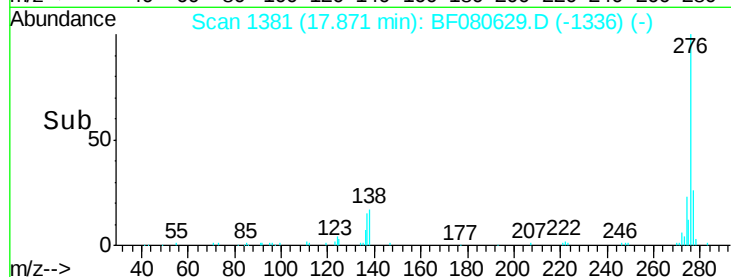
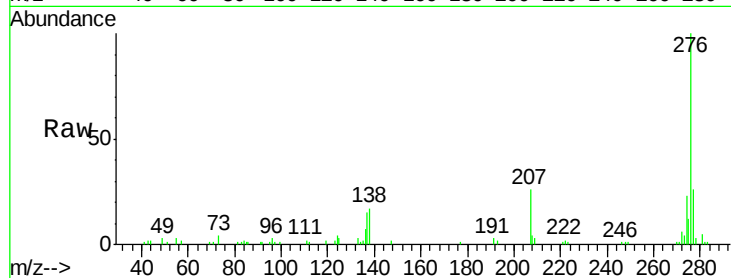
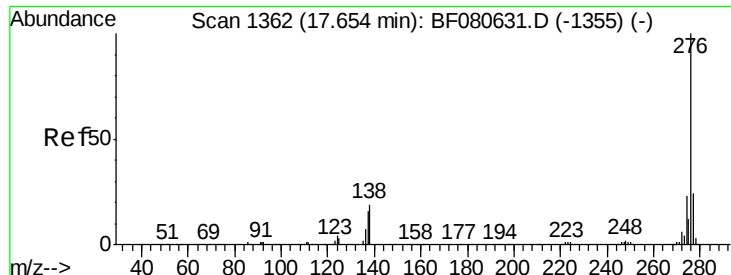
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#90  
Dibenzo(a,h)anthracene  
Concen: 9.95 ng  
RT: 17.45 min Scan# 1344  
Delta R.T. 0.22 min  
Lab File: BF080629.D  
Acq: 24 Jul 2015 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.3  | 11.7  | 17.5  |
| 279     | 25.2  | 18.9  | 28.3  |





#91

Benzo(g,h,i)perylene

Concen: 9.85 ng

RT: 17.87 min Scan# 1381

Delta R.T. 0.22 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tgt Ion: 276 Resp: 83397

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.4

138 17.1 14.8 22.2

Manual Integrations

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