

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF120815\  
 Data File : BF083595.D  
 Acq On : 8 Dec 2015 14:49  
 Operator : UM/IZ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Mmdadoda  
 12/9/2015 6:13:12 PM

Quant Time: Dec 08 17:34:36 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF120815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 08 17:21:02 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 5.70  | 152  | 178715   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.60  | 136  | 704855   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.38 | 164  | 345044   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.79 | 188  | 639762   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.99 | 240  | 578872   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 18.64 | 264  | 479967   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 4.00  | 112 | 226863 | 19.20 | ng | 0.02  |
| 7) Phenol-d6             | 5.28  | 99  | 306320 | 18.86 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 6.52  | 82  | 312830 | 20.80 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 11.68 | 330 | 62961  | 19.82 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.33  | 172 | 532889 | 21.06 | ng | -0.01 |
| 78) Terphenyl-d14        | 15.40 | 244 | 508132 | 19.80 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.82 | 88  | 66642   | 10.90 | ng | 87     |
| 3) Pyridine                    | 2.32 | 79  | 116940  | 8.07  | ng | # 87   |
| 4) n-Nitrosodimethylamine      | 2.26 | 42  | 65554   | 8.83  | ng | # 92   |
| 6) Aniline                     | 5.26 | 93  | 192984  | 9.19  | ng | # 86   |
| 8) 2-Chlorophenol              | 5.42 | 128 | 131505  | 10.04 | ng | 97     |
| 9) Benzaldehyde                | 5.12 | 77  | 96994   | 10.54 | ng | 99     |
| 10) Phenol                     | 5.30 | 94  | 192389  | 10.02 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 5.36 | 93  | 146797  | 10.41 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 5.61 | 146 | 150383m | 10.33 | ng |        |
| 13) 1,4-Dichlorobenzene        | 5.72 | 146 | 152974  | 10.29 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 5.94 | 146 | 140515  | 10.25 | ng | 98     |
| 15) Benzyl Alcohol             | 5.96 | 79  | 107999  | 9.56  | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.12 | 45  | 267357  | 10.20 | ng | # 61   |
| 17) 2-Methylphenol             | 6.16 | 107 | 109804  | 10.13 | ng | # 89   |
| 18) Hexachloroethane           | 6.41 | 117 | 52579   | 10.10 | ng | # 86   |
| 19) n-Nitroso-di-n-propylamine | 6.33 | 70  | 110430  | 10.17 | ng | 98     |
| 20) 3+4-Methylphenols          | 6.41 | 107 | 149088  | 10.67 | ng | 96     |
| 22) Acetophenone               | 6.32 | 105 | 188134  | 9.28  | ng | # 98   |
| 24) Nitrobenzene               | 6.56 | 77  | 168384  | 10.13 | ng | 98     |
| 25) Isophorone                 | 6.93 | 82  | 291055  | 10.04 | ng | 99     |
| 26) 2-Nitrophenol              | 7.05 | 139 | 64422   | 9.81  | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.17 | 122 | 114063  | 9.87  | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 7.29 | 93  | 163904  | 10.16 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.47 | 162 | 105249  | 10.07 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.53 | 180 | 119681  | 10.36 | ng | 96     |
| 31) Naphthalene                | 7.63 | 128 | 390514  | 10.45 | ng | 99     |
| 32) Benzoic acid               | 7.42 | 122 | 54690   | 8.80  | ng | 93     |
| 33) 4-Chloroaniline            | 7.78 | 127 | 130765  | 9.00  | ng | 95     |
| 34) Hexachlorobutadiene        | 7.84 | 225 | 69412   | 10.17 | ng | 99     |
| 35) Caprolactam                | 8.34 | 113 | 31413   | 9.45  | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 8.62 | 107 | 116494  | 9.90  | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.74 | 142 | 242400  | 10.44 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 118212  | 10.40 | ng | # 100  |
| 42) 2,4,6-Trichlorophenol      | 9.24 | 196 | 69636   | 9.83  | ng | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 08 17:21:02 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.34  | 196  | 63706    | 8.75  | ng    | # 89     |
| 45) 1,1'-Biphenyl              | 9.49  | 154  | 315062   | 10.31 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.50  | 162  | 236459   | 10.25 | ng    | 96       |
| 47) 2-Nitroaniline             | 9.73  | 65   | 82673    | 10.05 | ng    | 94       |
| 48) Acenaphthylene             | 10.16 | 152  | 396421   | 10.50 | ng    | 99       |
| 49) Dimethylphthalate          | 10.03 | 163  | 282055   | 10.35 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.12 | 165  | 57269    | 10.01 | ng    | 96       |
| 51) Acenaphthene               | 10.43 | 154  | 223386   | 10.25 | ng    | 98       |
| 52) 3-Nitroaniline             | 10.41 | 138  | 59644    | 9.63  | ng    | 86       |
| 53) 2,4-Dinitrophenol          | 10.68 | 184  | 13979    | 5.65  | ng    | 90       |
| 54) Dibenzofuran               | 10.73 | 168  | 307056   | 10.16 | ng    | 97       |
| 55) 4-Nitrophenol              | 10.89 | 139  | 20938    | 6.26  | ng    | 83       |
| 56) 2,4-Dinitrotoluene         | 10.80 | 165  | 74607    | 9.90  | ng    | 90       |
| 57) Fluorene                   | 11.28 | 166  | 276803   | 10.57 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.98 | 232  | 47381    | 8.64  | ng    | # 100    |
| 59) Diethylphthalate           | 11.17 | 149  | 271993   | 10.39 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 11.30 | 204  | 129793   | 10.30 | ng    | 97       |
| 61) 4-Nitroaniline             | 11.40 | 138  | 56022    | 10.01 | ng    | 89       |
| 62) Azobenzene                 | 11.56 | 77   | 276943   | 9.78  | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 11.47 | 198  | 33875    | 8.31  | ng    | 87       |
| 65) n-Nitrosodiphenylamine     | 11.51 | 169  | 221305   | 10.46 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 12.09 | 248  | 72396    | 10.33 | ng    | 95       |
| 67) Hexachlorobenzene          | 12.17 | 284  | 79024    | 10.55 | ng    | # 85     |
| 68) Atrazine                   | 12.42 | 200  | 68630    | 10.71 | ng    | 100      |
| 69) Pentachlorophenol          | 12.55 | 266  | 7385     | 2.63  | ng    | 85       |
| 70) Phenanthrene               | 12.82 | 178  | 393719   | 10.62 | ng    | 100      |
| 71) Anthracene                 | 12.91 | 178  | 407714   | 10.76 | ng    | 98       |
| 72) Carbazole                  | 13.21 | 167  | 349808   | 10.75 | ng    | 99       |
| 73) Di-n-butylphthalate        | 13.83 | 149  | 426692   | 10.81 | ng    | 99       |
| 74) Fluoranthene               | 14.75 | 202  | 405643   | 10.99 | ng    | 98       |
| 76) Benzidine                  | 15.04 | 184  | 196879   | 9.61  | ng    | 98       |
| 77) Pyrene                     | 15.11 | 202  | 414642   | 9.65  | ng    | 98       |
| 79) Butylbenzylphthalate       | 16.24 | 149  | 174058   | 10.15 | ng    | 94       |
| 80) Benzo(a)anthracene         | 16.98 | 228  | 340476   | 10.09 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 16.97 | 252  | 118720   | 10.90 | ng    | 98       |
| 82) Chrysene                   | 17.03 | 228  | 352528   | 10.45 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 17.09 | 149  | 244599   | 10.72 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 17.86 | 149  | 387330   | 11.78 | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 19.88 | 276  | 242803   | 8.71  | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 18.26 | 252  | 281639   | 10.46 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 18.28 | 252  | 299966m  | 10.71 | ng    |          |
| 89) Benzo(a)pyrene             | 18.58 | 252  | 276330   | 10.57 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 19.88 | 278  | 201989   | 8.33  | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 20.25 | 276  | 191345   | 7.85  | ng    | 97       |

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

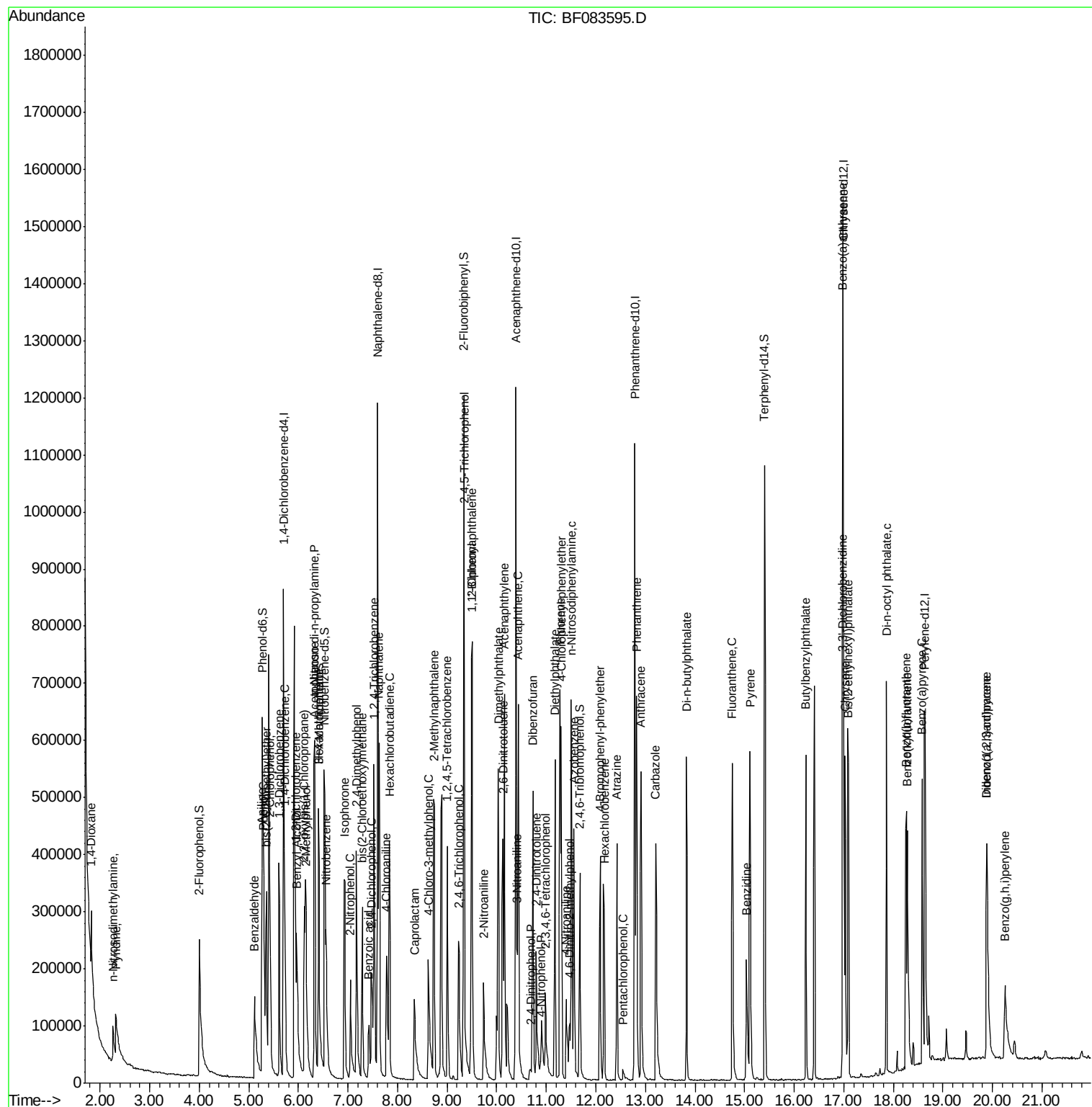
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF120815\  
Data File : BF083595.D  
Acq On : 8 Dec 2015 14:49  
Operator : UM/IZ  
Sample : SSTDICC010  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

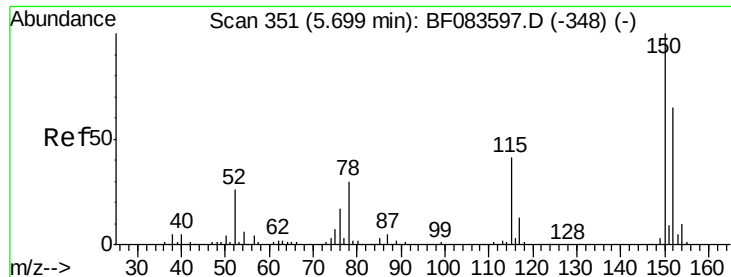
Instrument :  
BNA\_F  
Client Sampled :  
SSTDICC010

Manual Integrations  
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12/9/2015 6:13:12 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 08 17:21:02 2015  
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#1

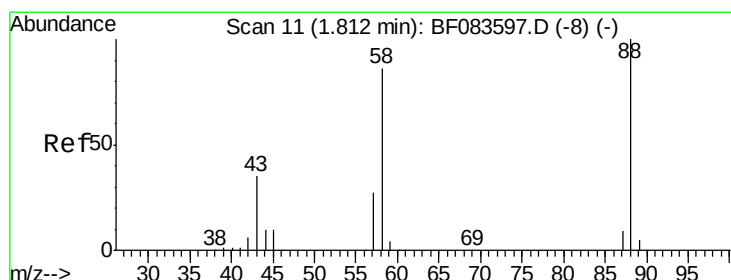
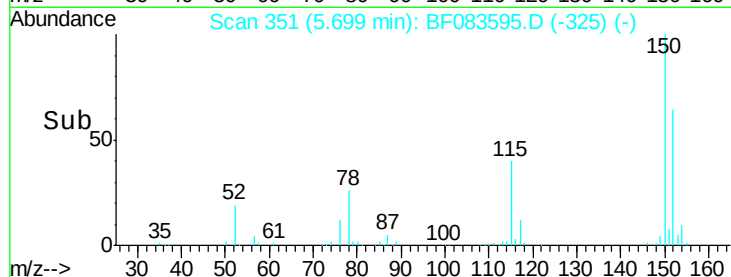
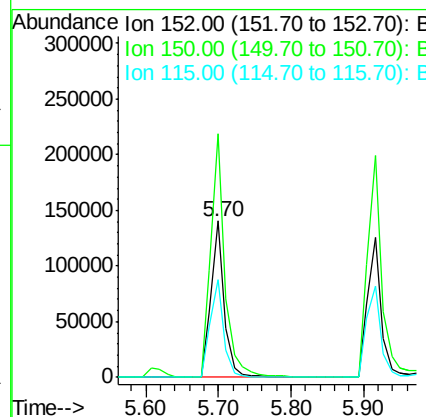
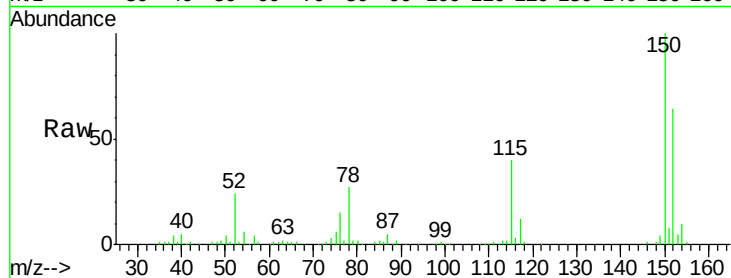
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Concen: 20.00 ng  
RT: 5.70 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.8 | 126.5 | 189.7 |
| 115     | 62.4  | 52.3  | 78.5  |

Manual Integrations  
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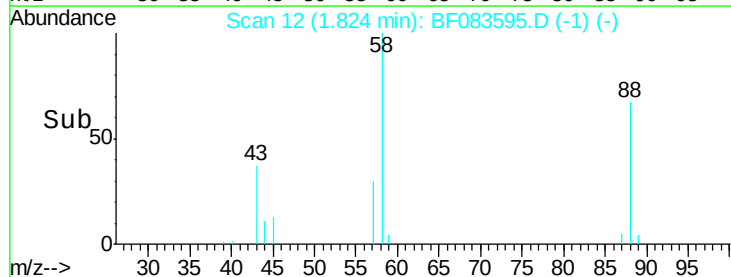
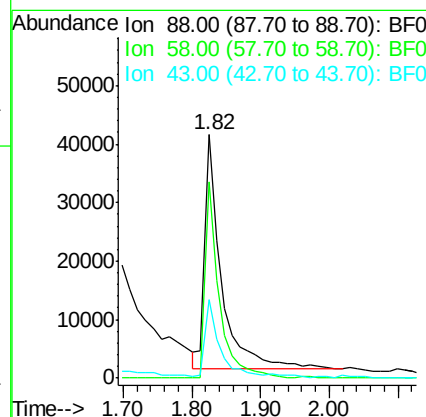
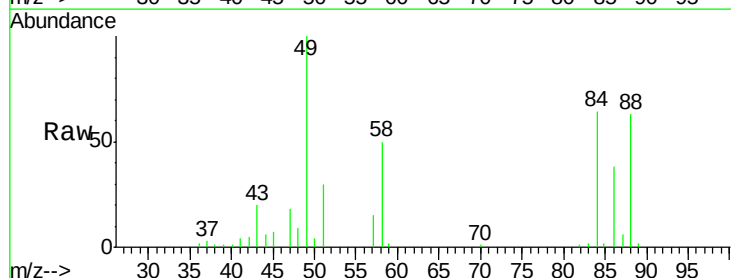
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12/9/2015 6:13:12 PM

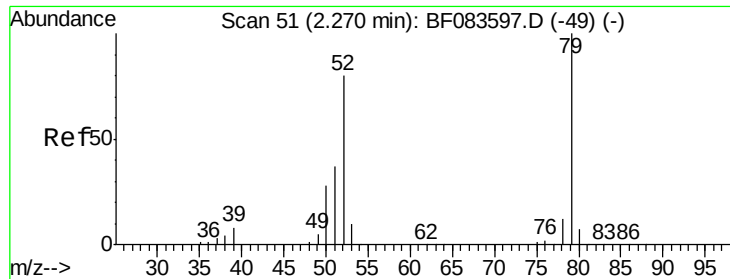


#2

1,4-Dioxane  
Concen: 10.90 ng  
RT: 1.82 min Scan# 12  
Delta R.T. 0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.0  | 68.0  | 102.0 |
| 43      | 32.5  | 27.9  | 41.9  |





#3

Pyridine

Concen: 8.07 ng

RT: 2.32 min Scan# 55

Delta R.T. 0.05 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

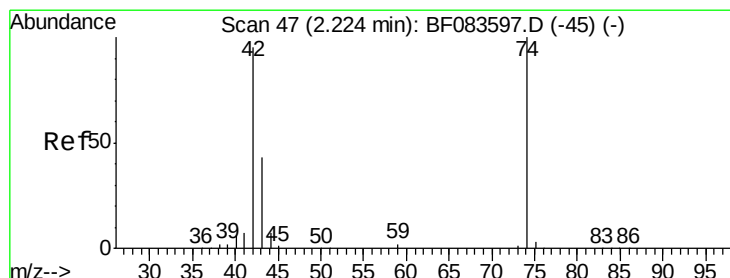
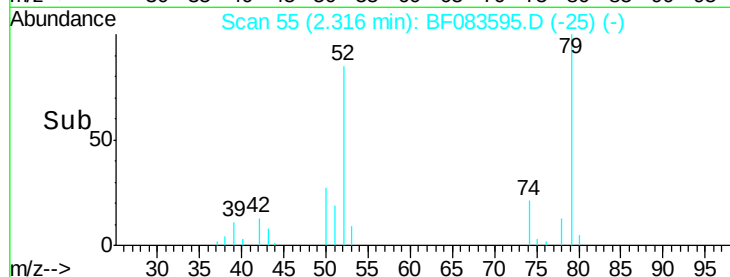
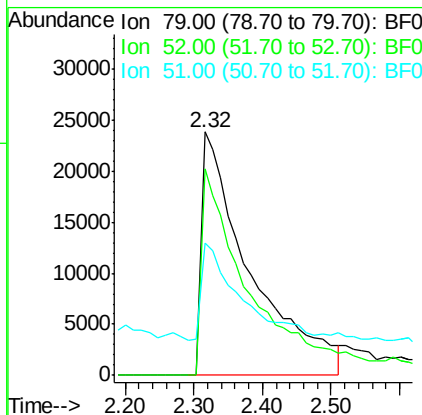
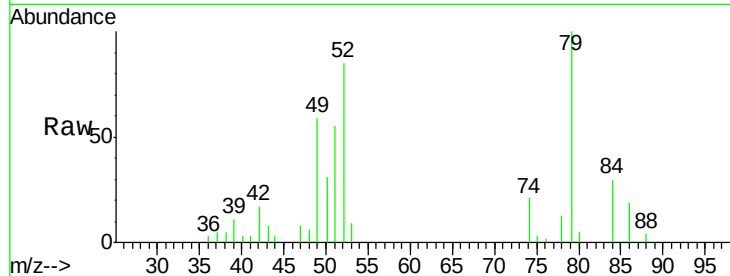
ClientSampleId :

SSTDICC010

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 116940 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 84.9  | 63.7  | 95.5   |
| 51       | 54.5  | 30.6  | 45.8#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 8.83 ng

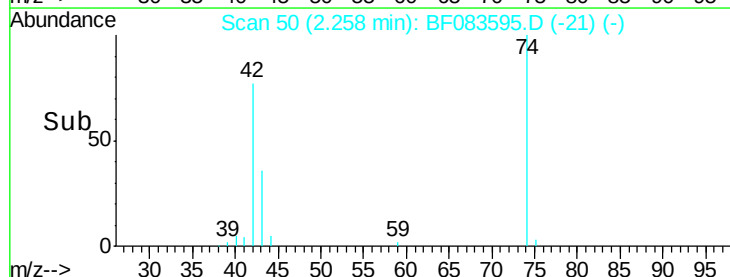
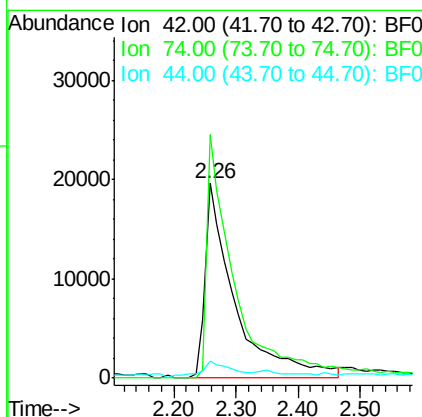
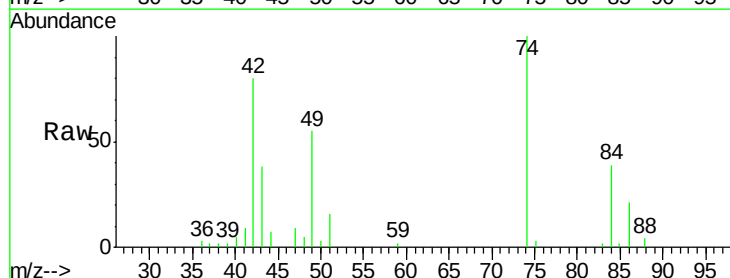
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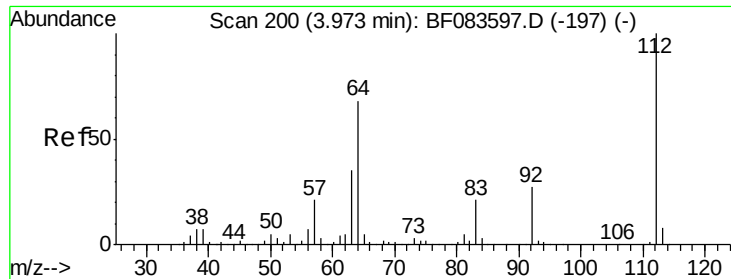
Delta R.T. 0.03 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 65554 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 125.2 | 92.9  | 139.3 |
| 44       | 8.6   | 5.7   | 8.5#  |





#5

2-Fluorophenol

Concen: 19.20 ng

RT: 4.00 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF083595.D

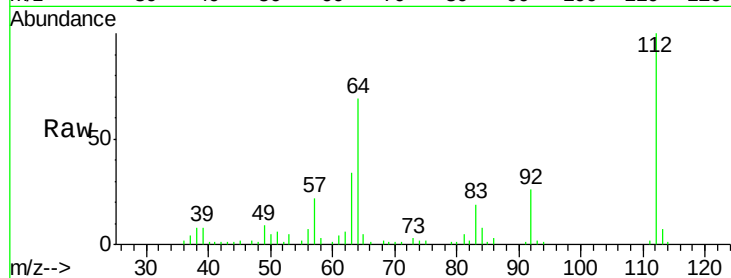
Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

ClientSampleId :

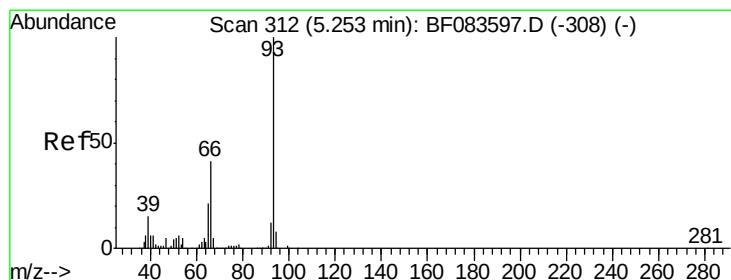
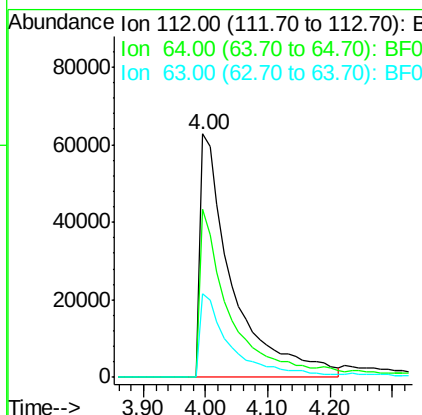
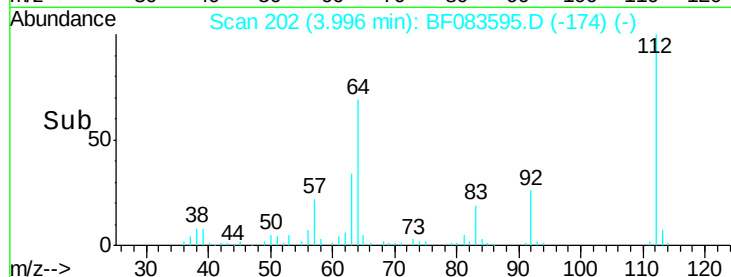
SSTDICC010



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 226863 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.1  | 50.5  | 75.7   |
| 63        | 34.4  | 25.8  | 38.6   |

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#6

Aniline

Concen: 9.19 ng

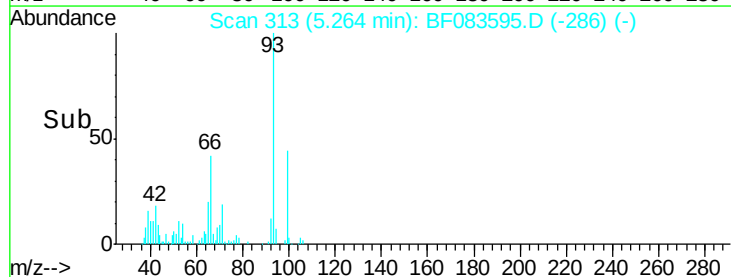
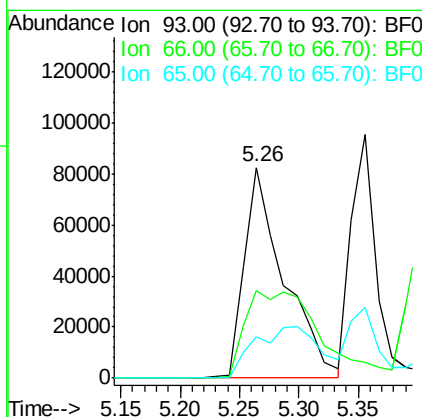
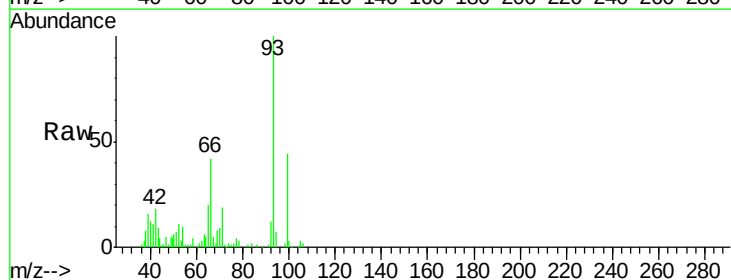
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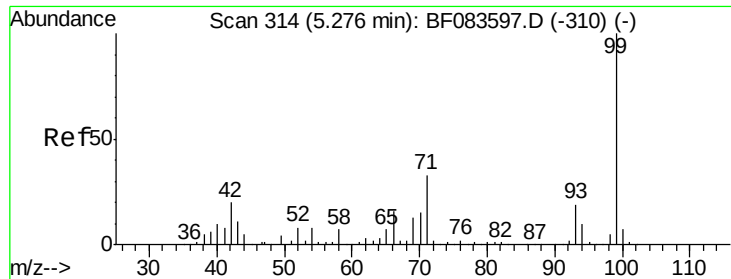
Delta R.T. 0.01 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 192984 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.5  | 41.3  | 61.9   |
| 65        | 19.9  | 20.8  | 31.2#  |





#7

Phenol-d6

Concen: 18.86 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

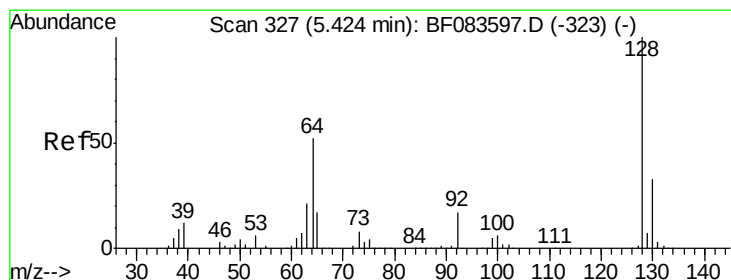
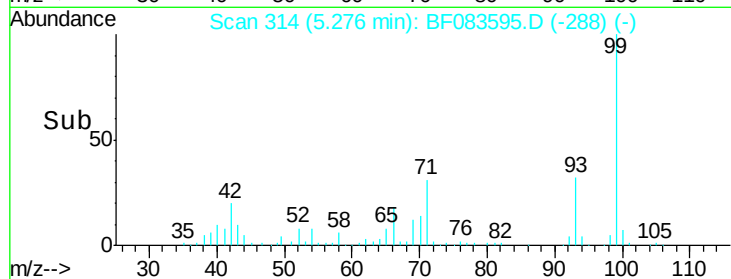
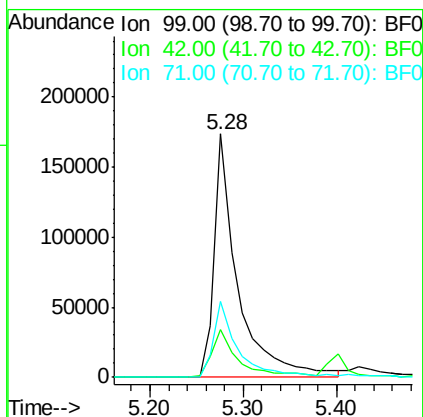
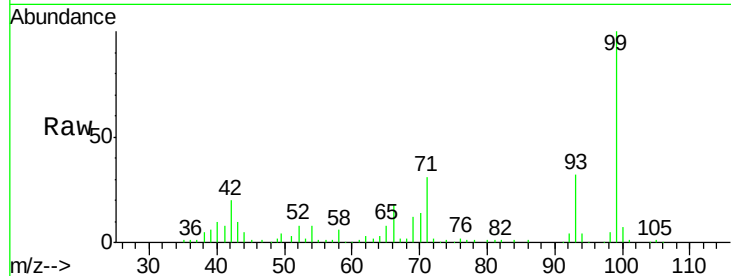
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 306320 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.7  | 17.3  | 25.9   |
| 71        | 31.5  | 26.6  | 40.0   |

Manual Integrations  
APPROVED

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12/9/2015 6:13:12 PM



#8

2-Chlorophenol

Concen: 10.04 ng

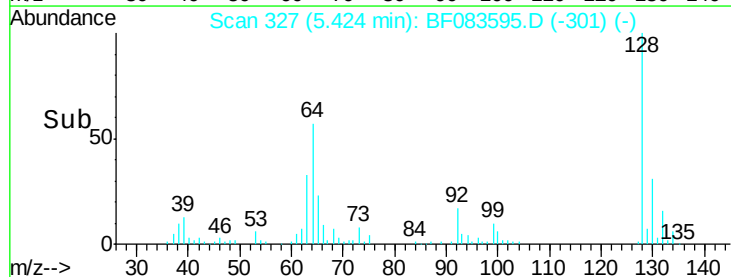
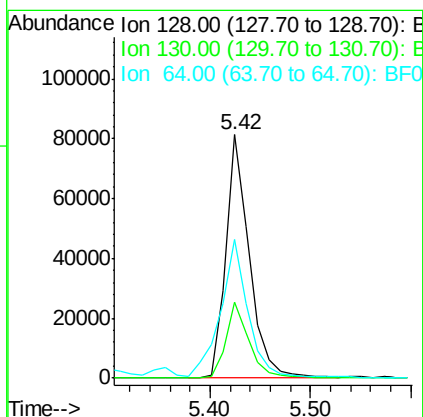
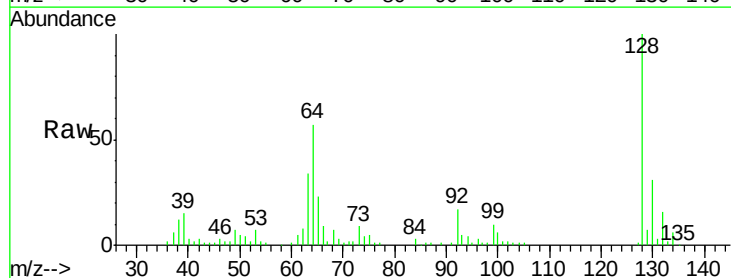
RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

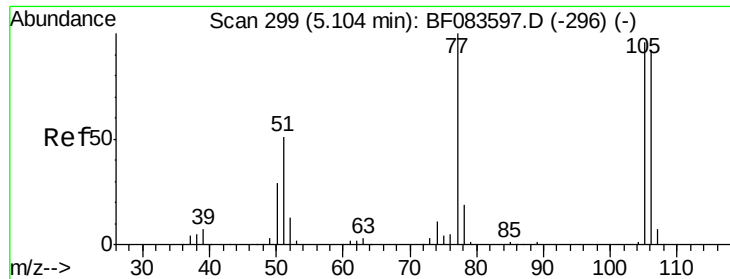
Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 131505 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.0  | 12.6  | 52.6   |
| 64        | 56.8  | 38.6  | 78.6   |







#9

Benzaldehyde

Concen: 10.54 ng

RT: 5.12 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

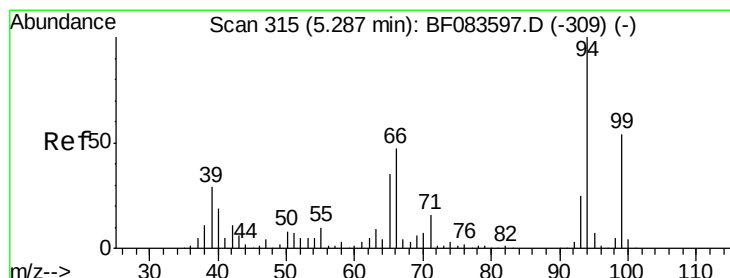
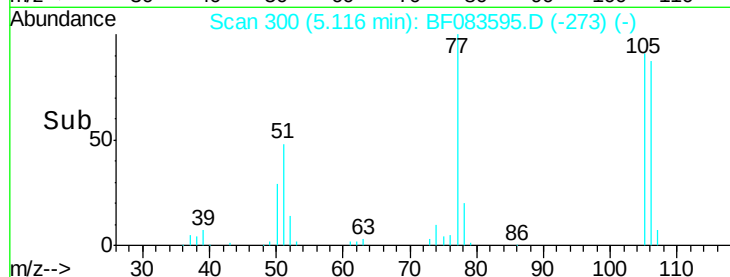
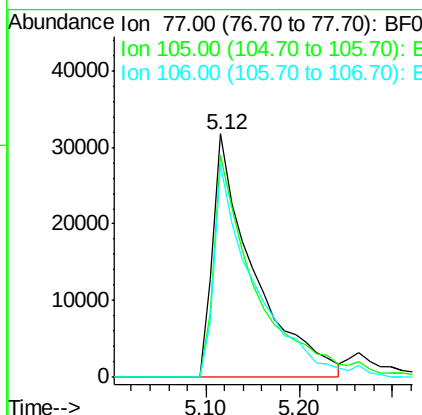
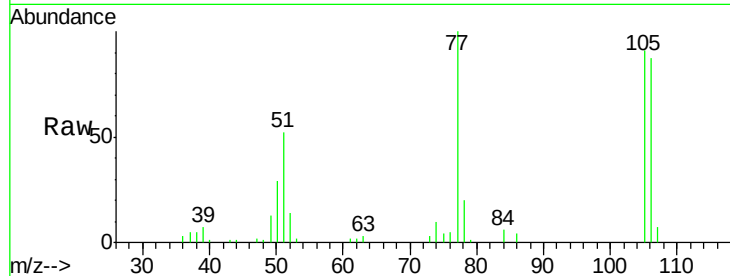
ClientSampleId :

SSTDICC010

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 96994 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 91.2  | 71.8  | 111.8 |
| 106      | 87.5  | 66.8  | 106.8 |



#10

Phenol

Concen: 10.02 ng

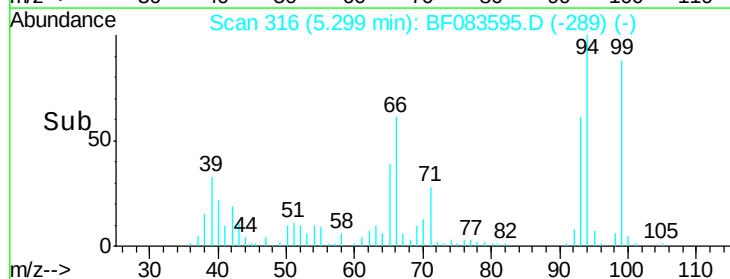
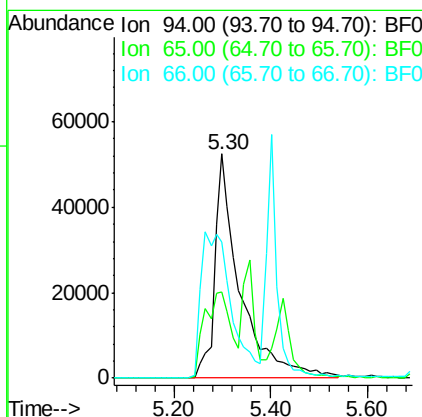
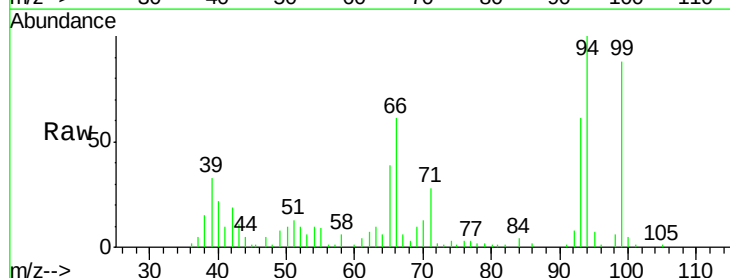
RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

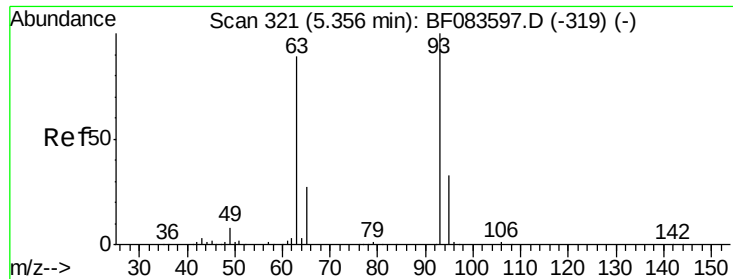
Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 192389 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 38.8  | 20.9  | 60.9   |
| 66       | 60.8  | 41.6  | 81.6   |







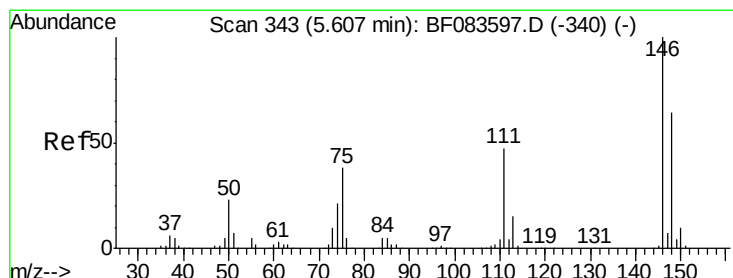
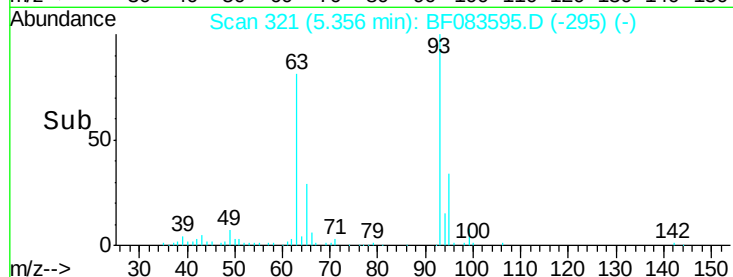
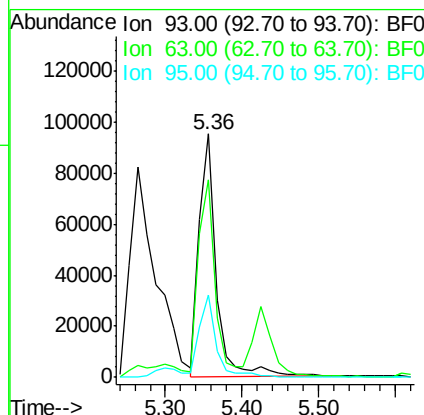
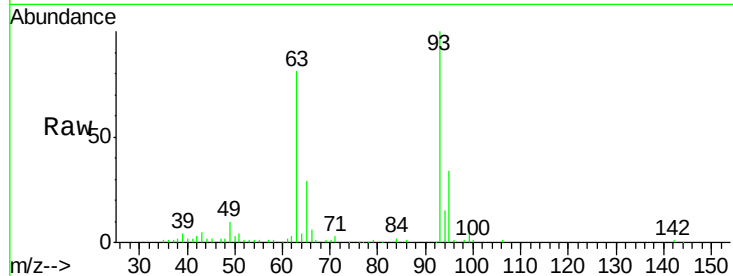
#11  
bis(2-Chloroethyl)ether  
Concen: 10.41 ng  
RT: 5.36 min Scan# 321  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 81.2  | 64.7  | 104.7 |
| 95      | 33.8  | 12.7  | 52.7  |

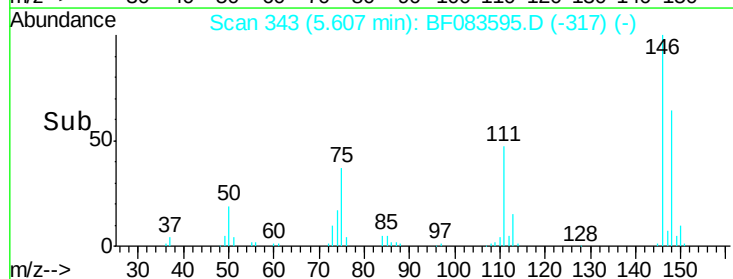
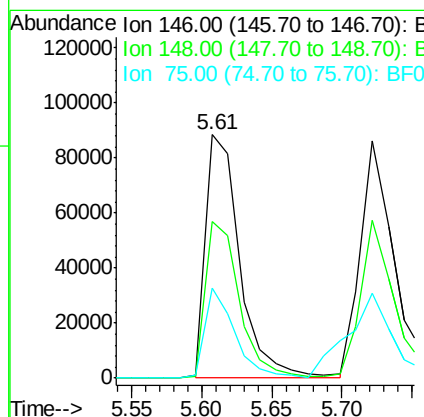
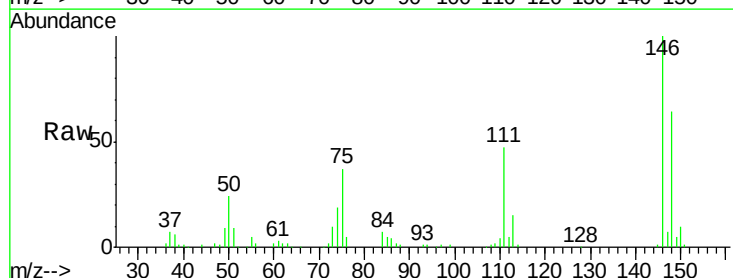
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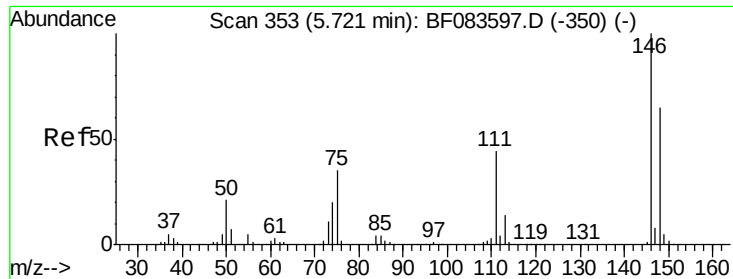
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#12  
1,3-Dichlorobenzene  
Concen: 10.33 ng m  
RT: 5.61 min Scan# 343  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 51.3  | 76.9  |
| 75      | 37.1  | 24.1  | 36.1# |





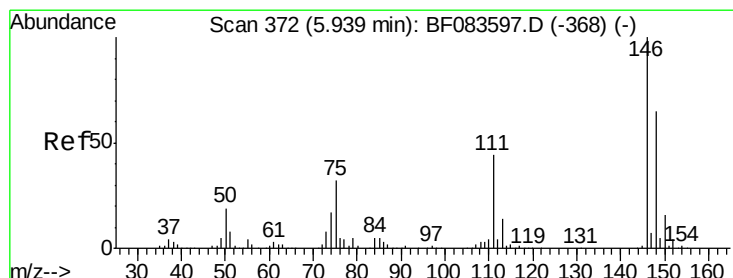
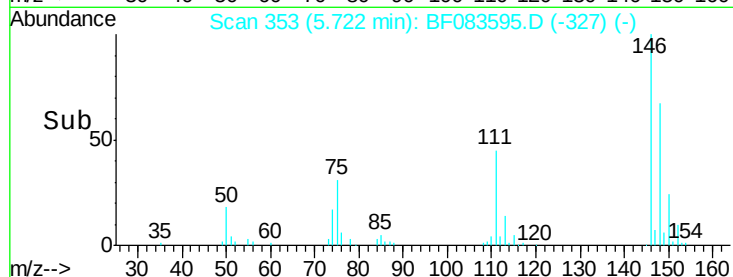
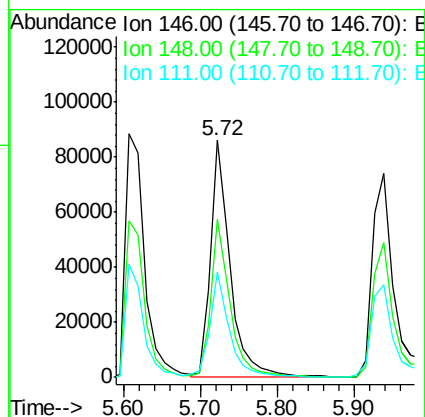
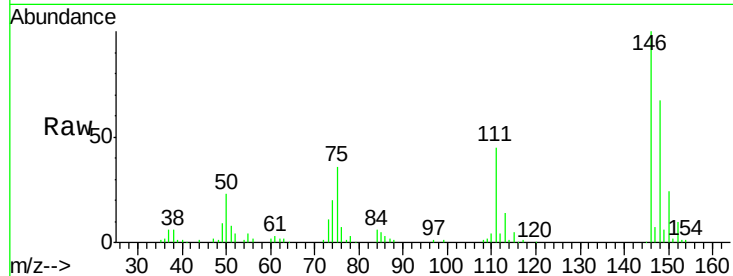
#13  
 1,4-Dichlorobenzene  
 Concen: 10.29 ng  
 RT: 5.72 min Scan# 353  
 Delta R.T. 0.00 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.6  | 50.6  | 76.0  |
| 111     | 44.5  | 36.1  | 54.1  |

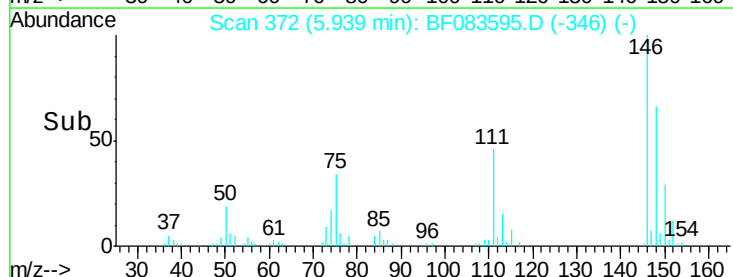
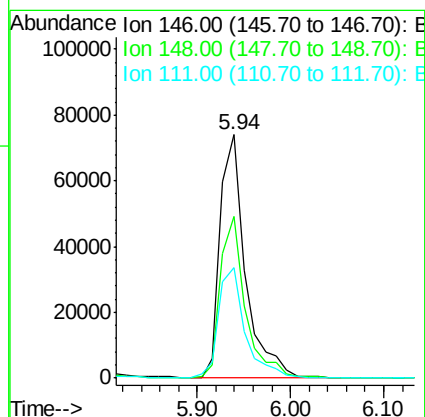
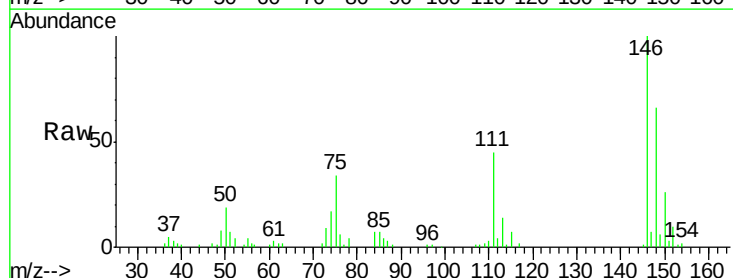
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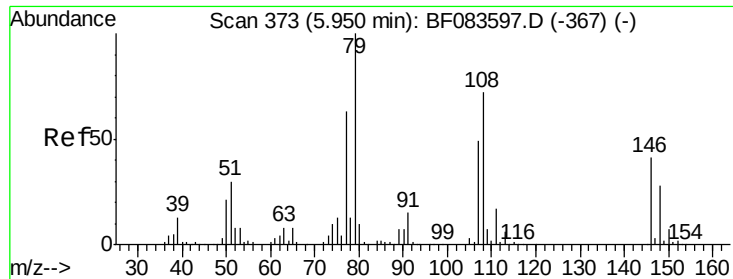
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#14  
 1,2-Dichlorobenzene  
 Concen: 10.25 ng  
 RT: 5.94 min Scan# 372  
 Delta R.T. 0.00 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.2  | 51.4  | 77.0  |
| 111     | 45.4  | 36.7  | 55.1  |





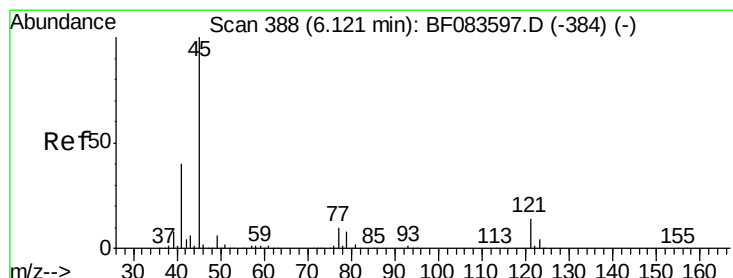
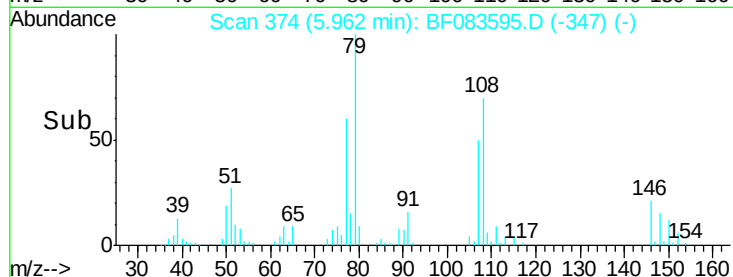
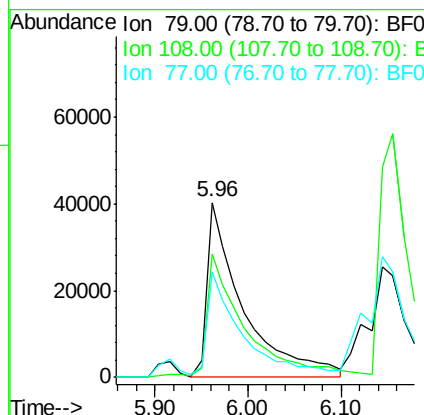
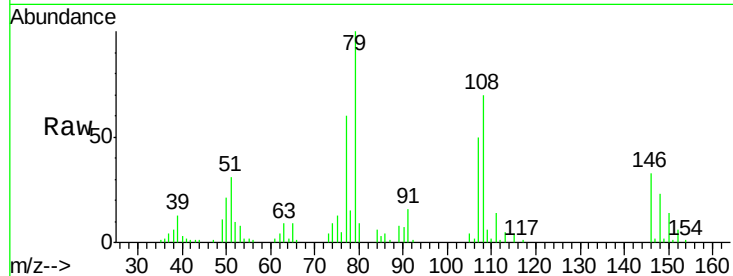
#15  
Benzyl Alcohol  
Concen: 9.56 ng  
RT: 5.96 min Scan# 374  
Delta R.T. 0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 70.5  | 59.6  | 89.4  |
| 77      | 60.2  | 49.8  | 74.6  |

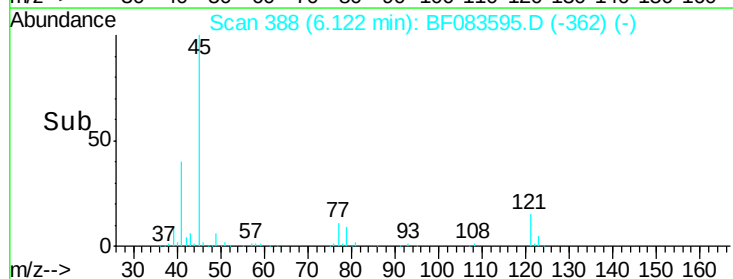
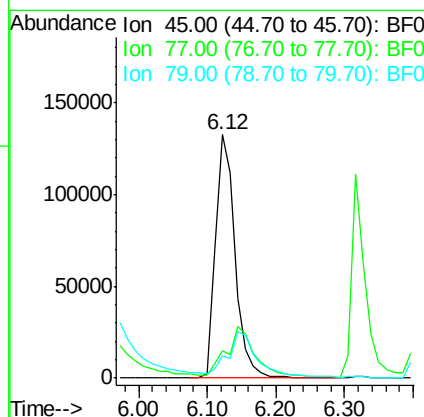
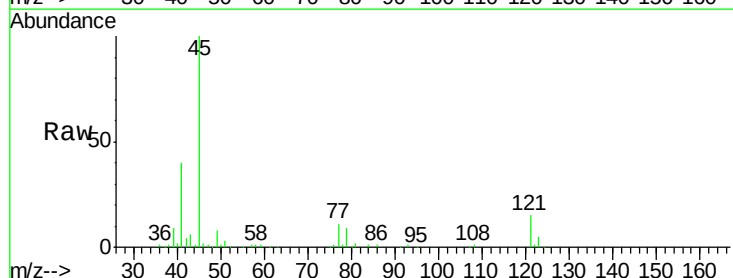
Manual Integrations  
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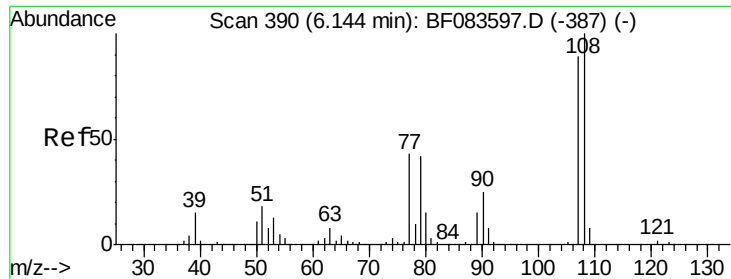
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.20 ng  
RT: 6.12 min Scan# 388  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.1  | 12.8  | 52.8# |
| 79      | 9.1   | 10.7  | 50.7# |





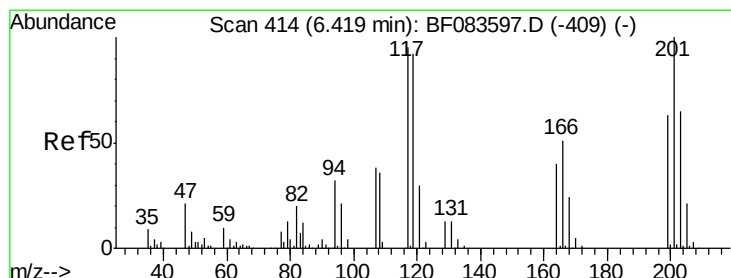
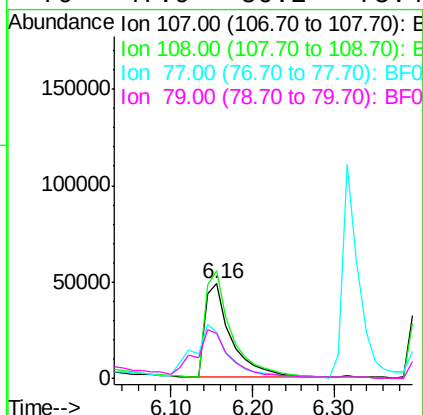
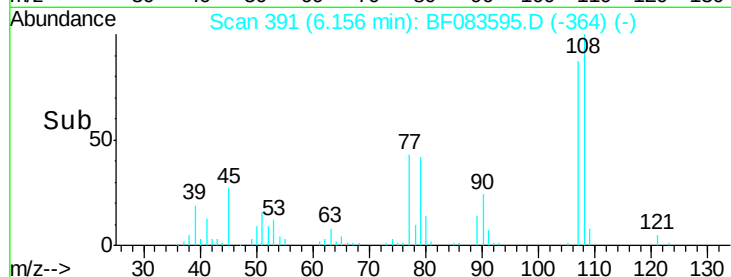
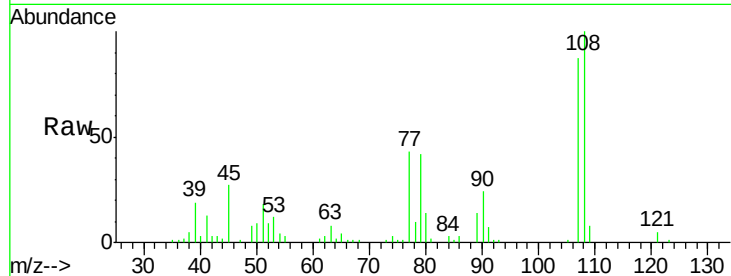
#17  
2-Methylphenol  
Concen: 10.13 ng  
RT: 6.16 min Scan# 391  
Delta R.T. 0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 109804 |       |       |
| 108     | 114.9 | 91.6   | 137.4 |       |
| 77      | 49.6  | 53.7   | 80.5# |       |
| 79      | 47.9  | 50.2   | 75.4# |       |

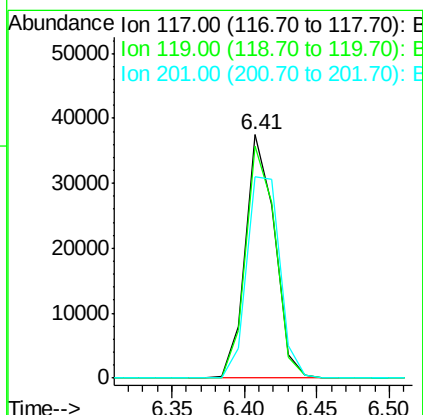
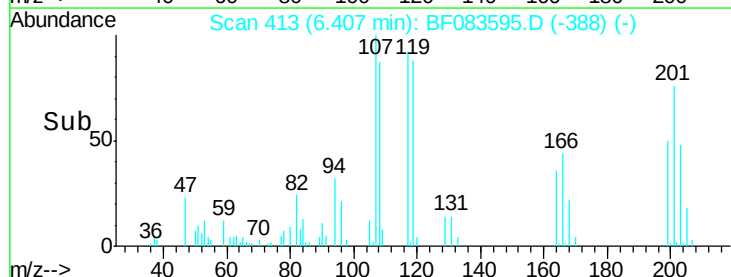
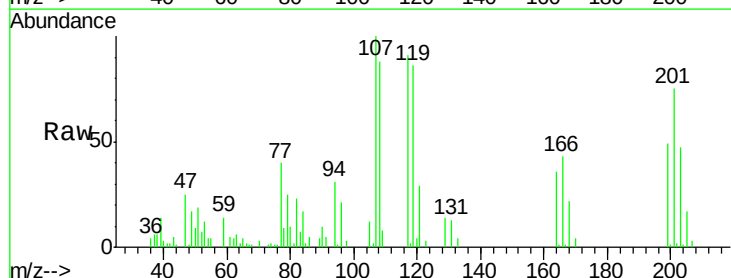
Manual Integrations  
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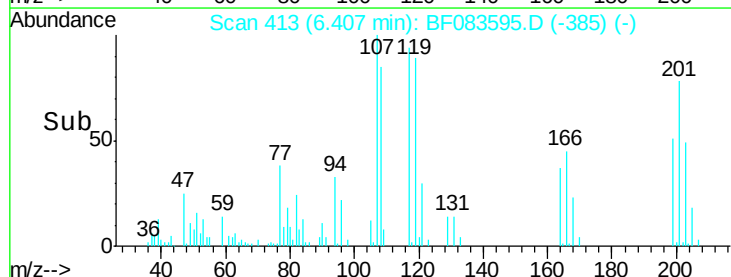
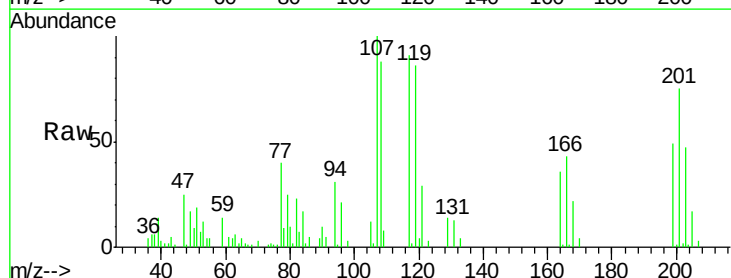
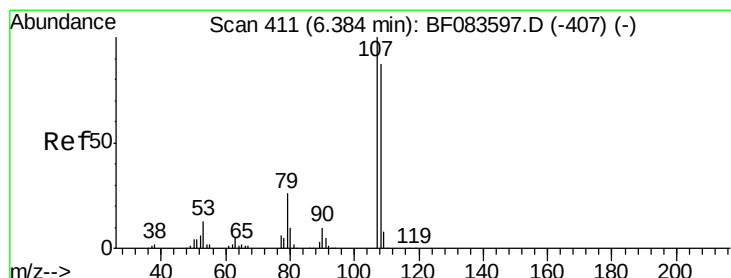
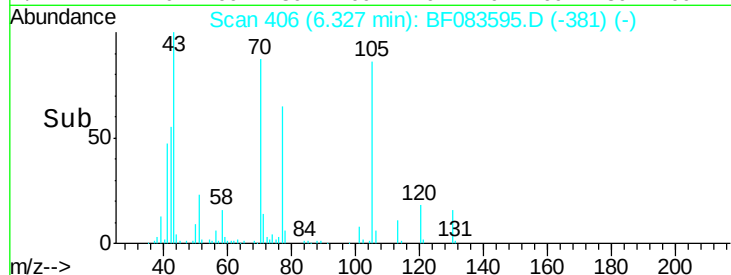
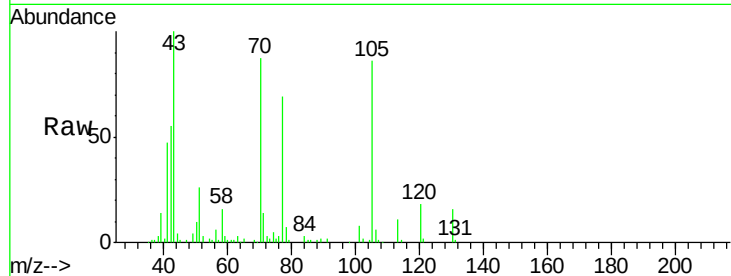
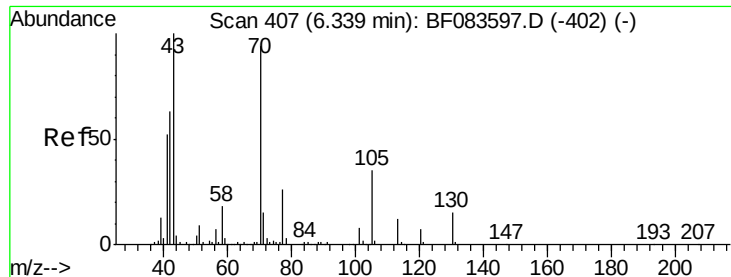
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#18  
Hexachloroethane  
Concen: 10.10 ng  
RT: 6.41 min Scan# 413  
Delta R.T. -0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 117     | 100   | 52579 |        |       |
| 119     | 95.1  | 77.2  | 115.8  |       |
| 201     | 82.7  | 86.8  | 130.2# |       |

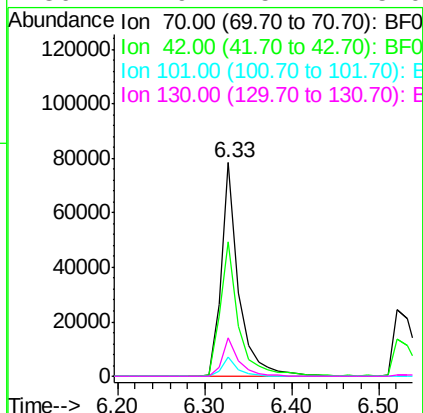




#19  
n-Nitroso-di-n-propylamine  
Concen: 10.17 ng  
RT: 6.33 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 62.6  | 49.2  | 73.8  |
| 101     | 9.2   | 7.1   | 10.7  |
| 130     | 17.9  | 15.4  | 23.0  |

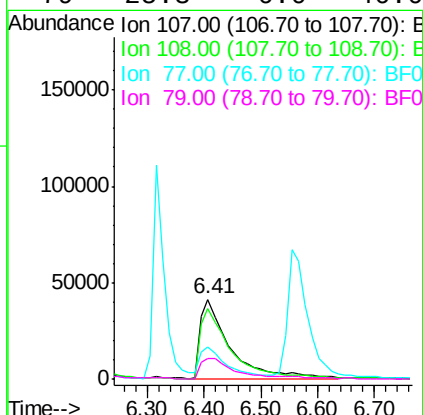


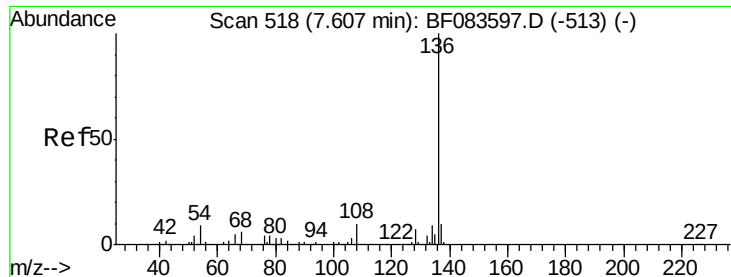
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 10.67 ng  
RT: 6.41 min Scan# 413  
Delta R.T. 0.02 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.9  | 65.2  | 105.2 |
| 77      | 40.4  | 15.2  | 55.2  |
| 79      | 25.3  | 6.0   | 46.0  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083595.D

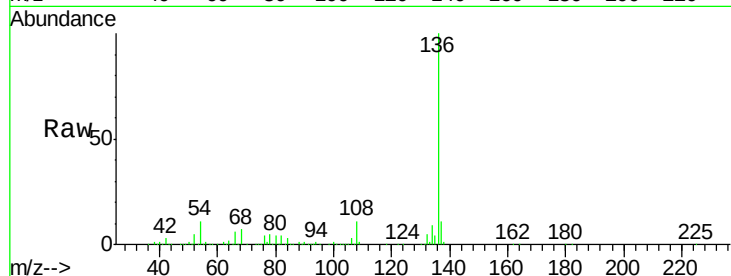
Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:136 Resp: 704855

Ion Ratio Lower Upper

136 100

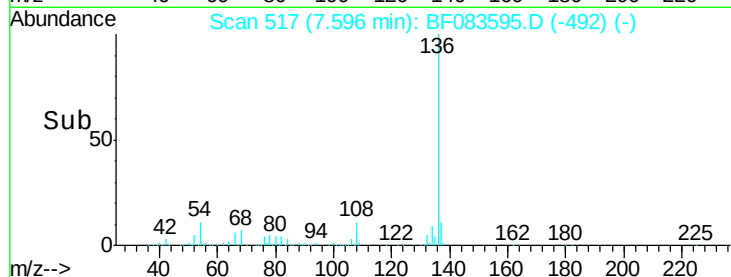
137 11.1 8.7 13.1

54 10.5 7.8 11.6

68 7.3 5.7 8.5

Manual Integrations  
APPROVED

Mmdadoda  
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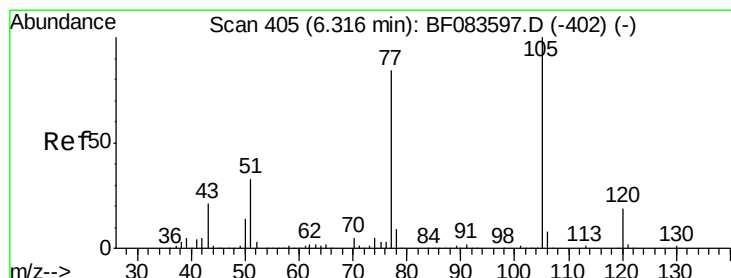
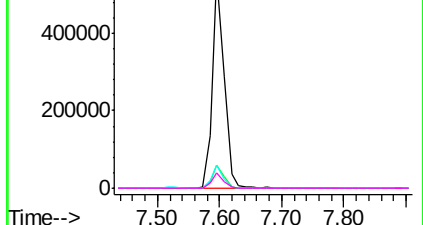


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 9.28 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Tgt Ion:105 Resp: 188134

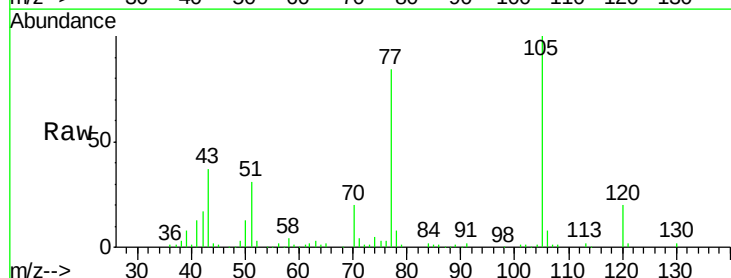
Ion Ratio Lower Upper

105 100

71 3.5 1.3 1.9#

51 30.6 23.8 35.8

120 20.3 16.7 25.1

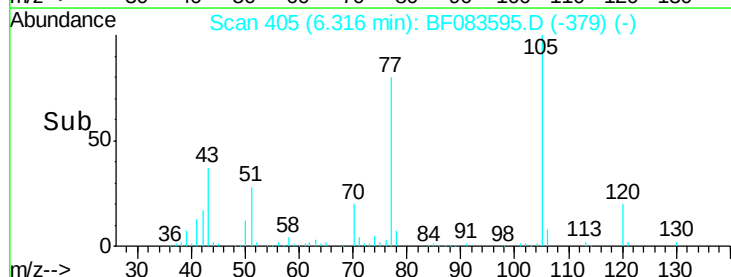
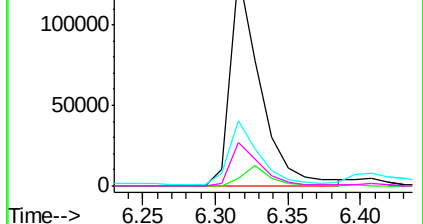


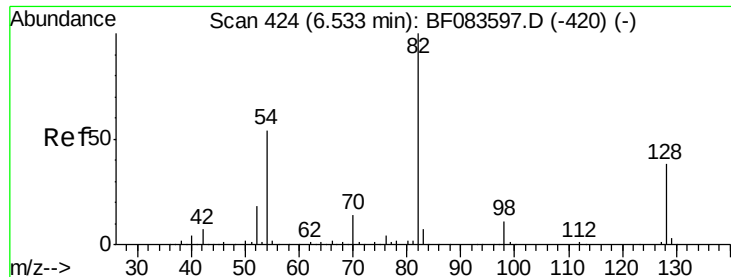
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





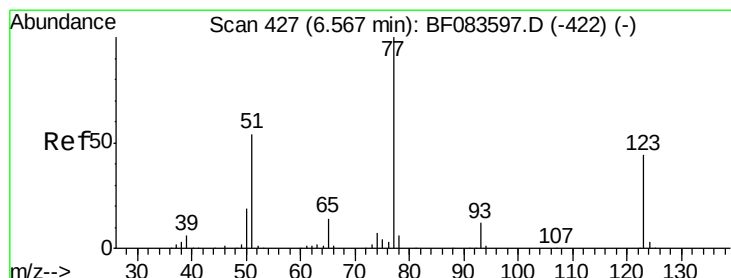
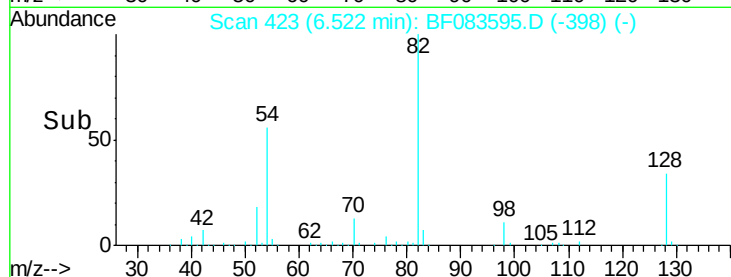
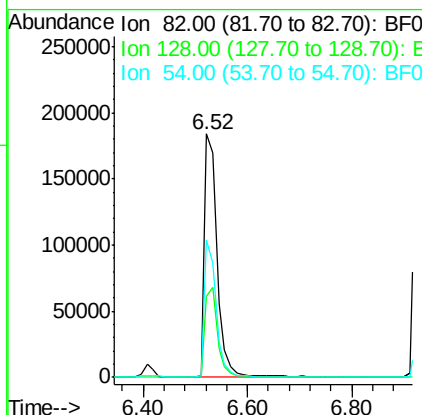
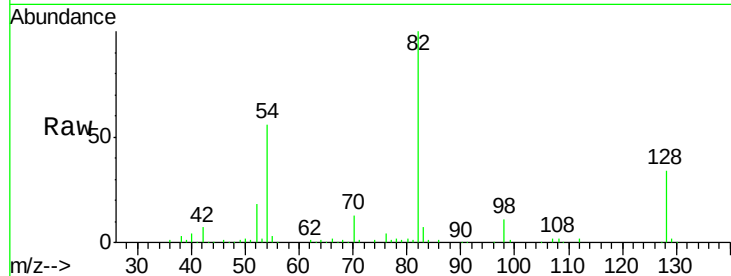
#23  
 Nitrobenzene-d5  
 Concen: 20.80 ng  
 RT: 6.52 min Scan# 423  
 Delta R.T. -0.01 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 82      | 100   |            |            |
| 128     | 33.5  | 30.7       | 46.1       |
| 54      | 56.3  | 42.5       | 63.7       |

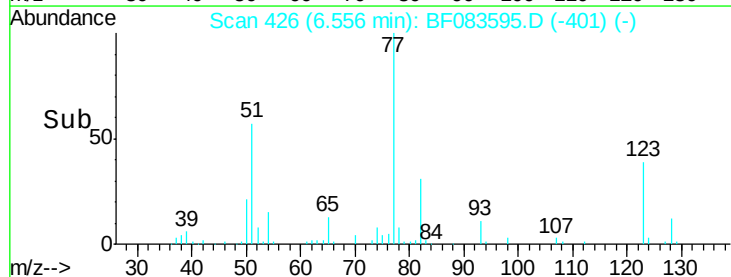
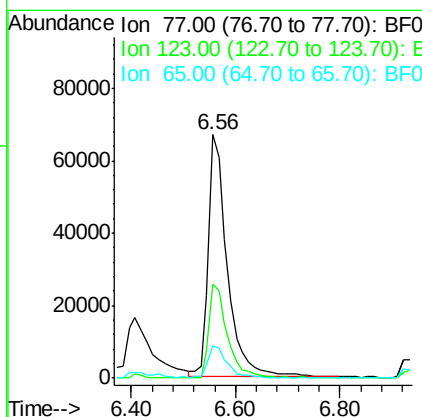
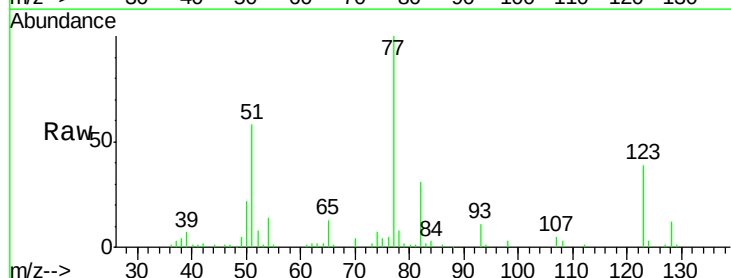
Manual Integrations  
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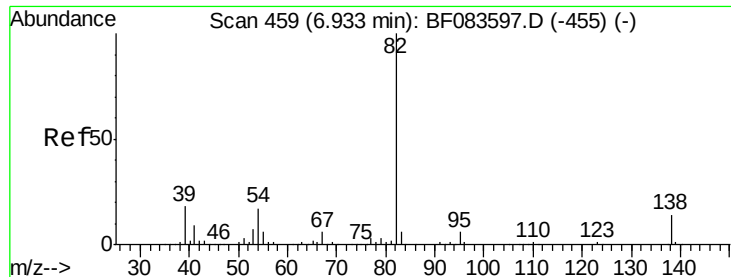


#24  
 Nitrobenzene  
 Concen: 10.13 ng  
 RT: 6.56 min Scan# 426  
 Delta R.T. -0.01 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 77      | 100   |            |            |
| 123     | 38.6  | 29.8       | 44.6       |
| 65      | 13.3  | 11.1       | 16.7       |







#25

Isophorone

Concen: 10.04 ng

RT: 6.93 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

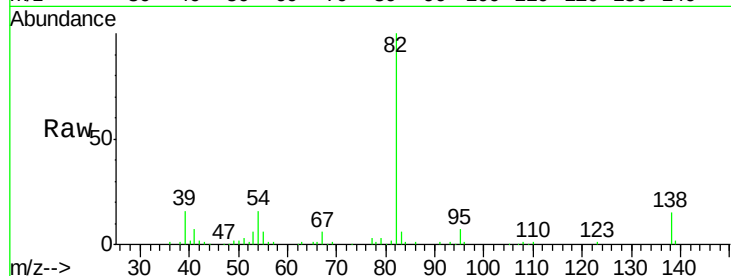
ClientSampleId :

SSTDICC010

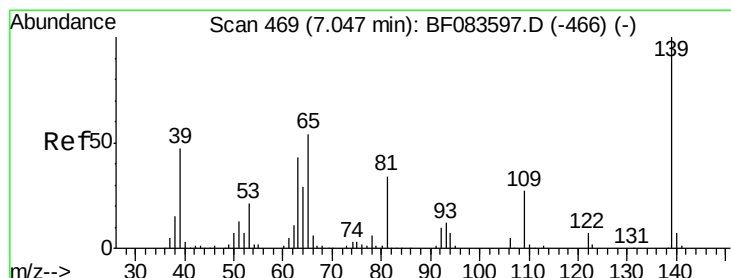
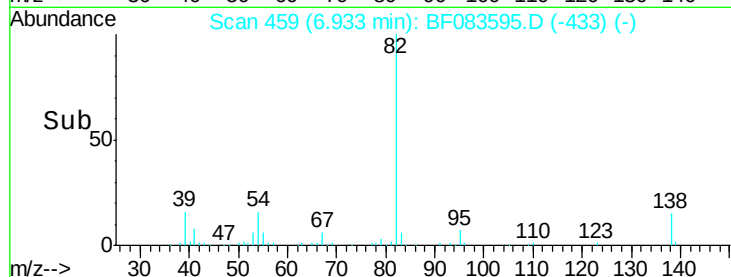
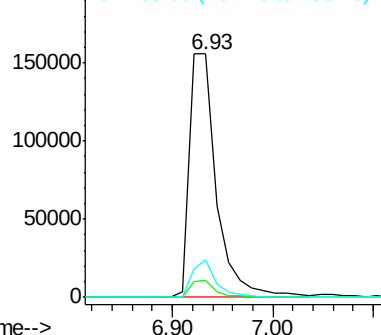
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 291055 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.0   | 5.0   | 7.4    |
| 138       | 15.2  | 12.1  | 18.1   |

Manual Integrations  
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Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 9.81 ng

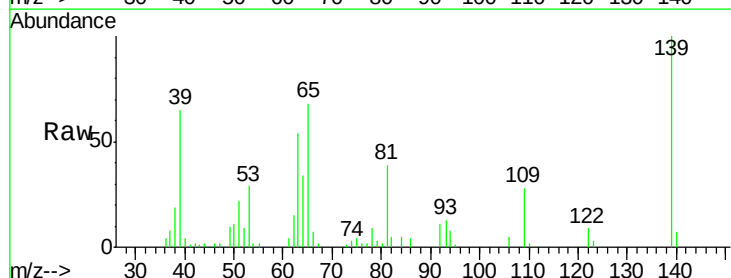
RT: 7.05 min Scan# 469

Delta R.T. 0.00 min

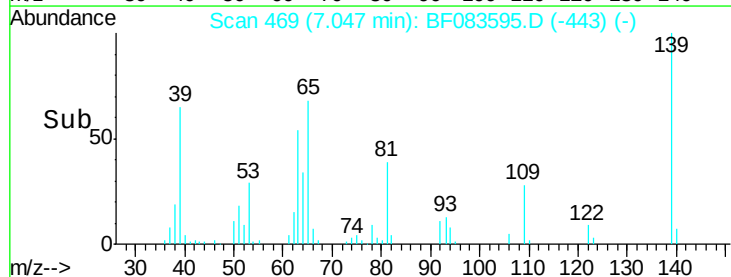
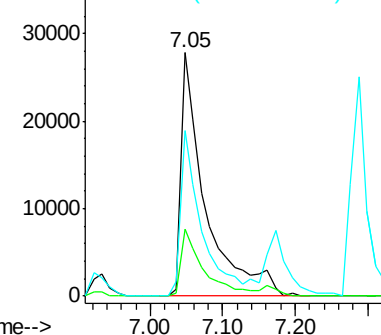
Lab File: BF083595.D

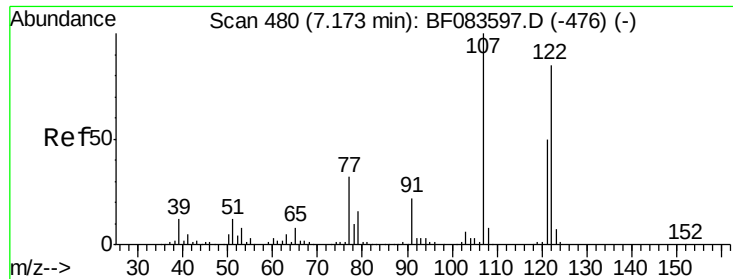
Acq: 8 Dec 2015 14:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 64422 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 27.7  | 22.7  | 34.1  |
| 65        | 68.2  | 51.8  | 77.8  |



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0





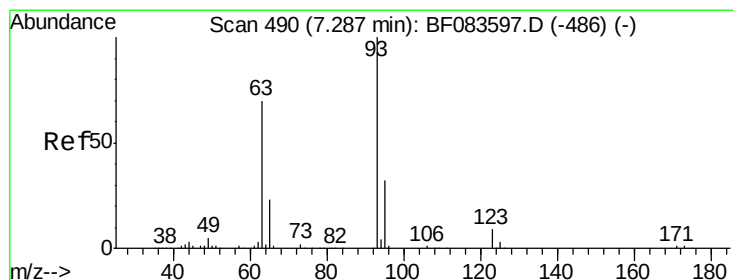
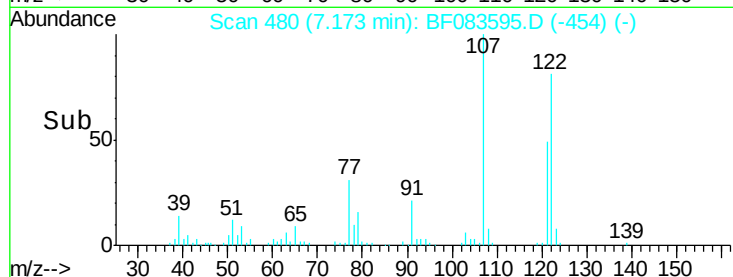
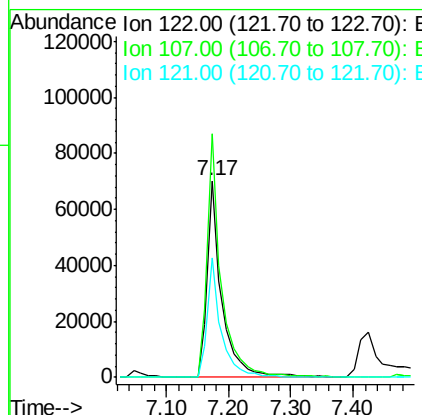
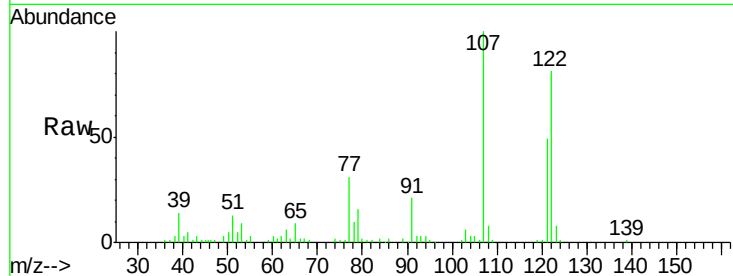
#27  
 2,4-Dimethylphenol  
 Concen: 9.87 ng  
 RT: 7.17 min Scan# 480  
 Delta R.T. 0.00 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 114063 |       |       |
| 107     | 124.0 | 92.4   | 138.6 |       |
| 121     | 60.8  | 45.8   | 68.6  |       |

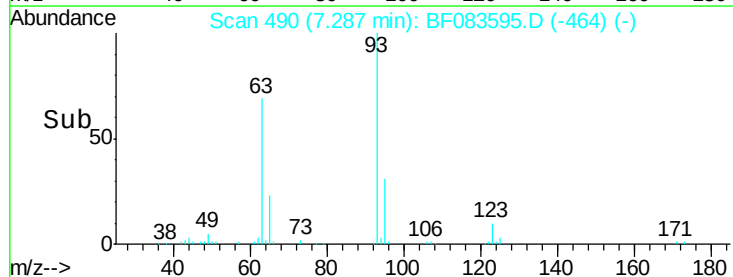
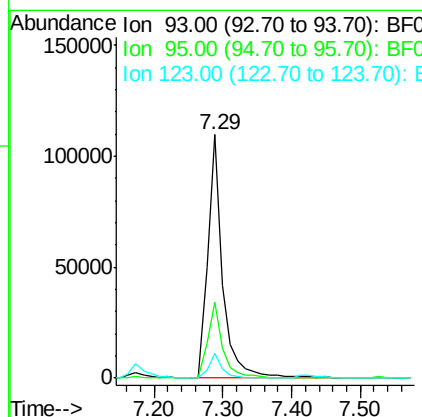
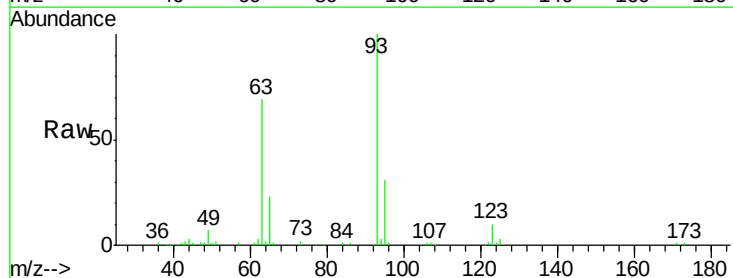
Manual Integrations  
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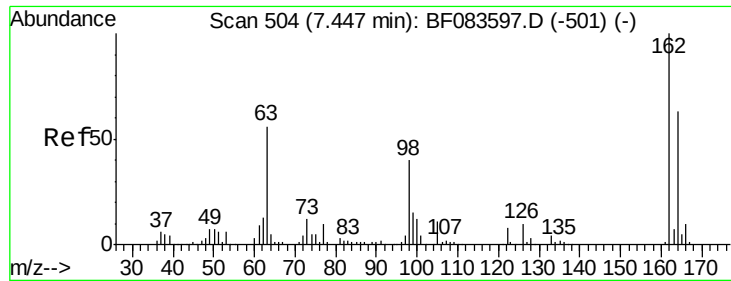
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 12/9/2015 6:13:12 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 10.16 ng  
 RT: 7.29 min Scan# 490  
 Delta R.T. 0.00 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 163904 |       |       |
| 95      | 31.4  | 25.6   | 38.4  |       |
| 123     | 10.1  | 7.3    | 10.9  |       |





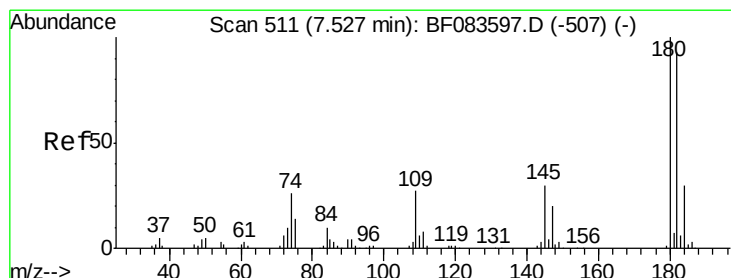
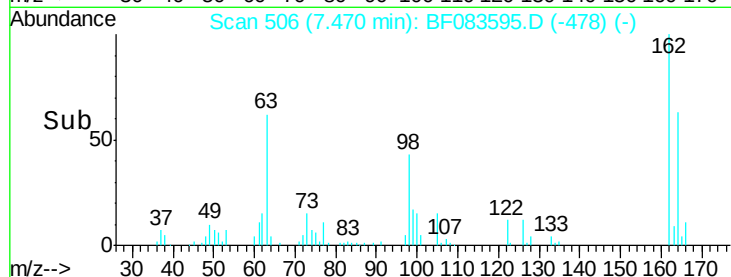
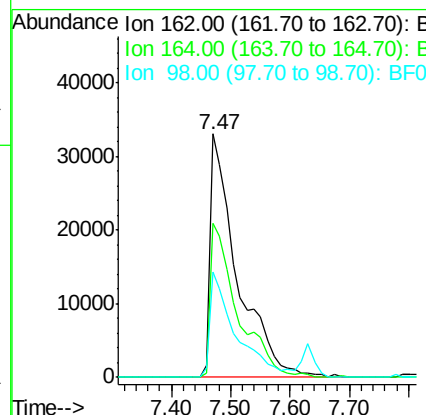
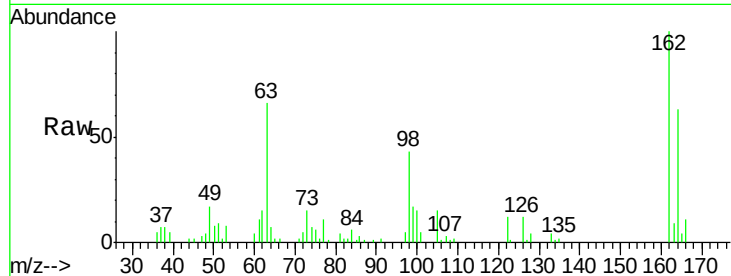
#29  
2,4-Dichlorophenol  
Concen: 10.07 ng  
RT: 7.47 min Scan# 506  
Delta R.T. 0.02 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 105249 |       |       |
| 164     | 63.1  | 43.4   | 83.4  |       |
| 98      | 43.3  | 17.5   | 57.5  |       |

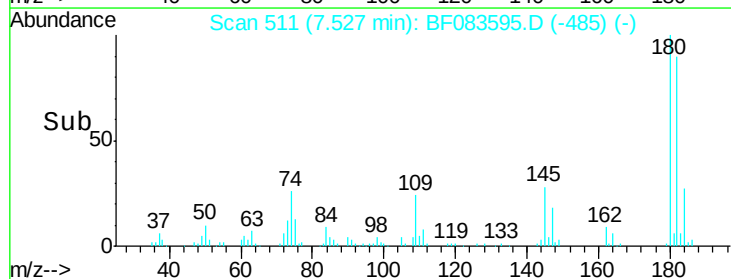
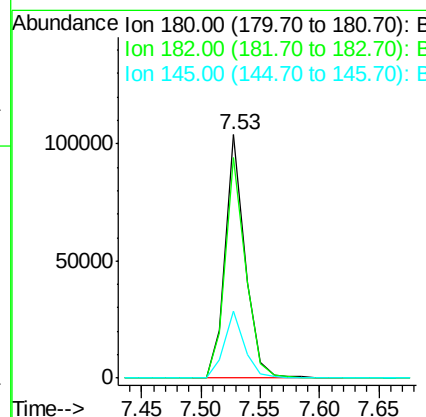
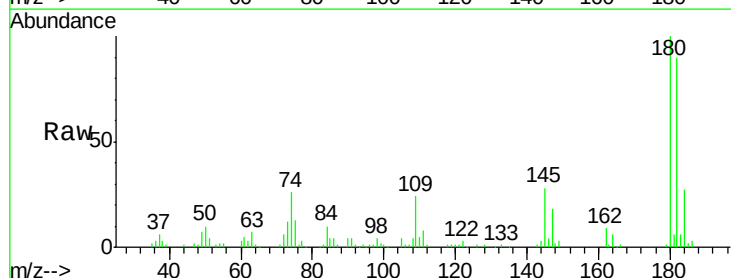
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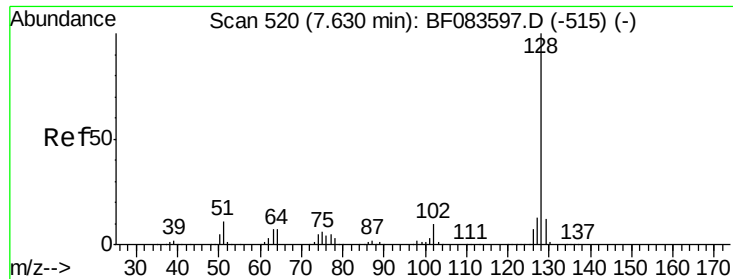
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12/9/2015 6:13:12 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 10.36 ng  
RT: 7.53 min Scan# 511  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 119681 |       |       |
| 182     | 90.5  | 74.9   | 112.3 |       |
| 145     | 27.8  | 24.7   | 37.1  |       |





#31

Naphthalene

Concen: 10.45 ng

RT: 7.63 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

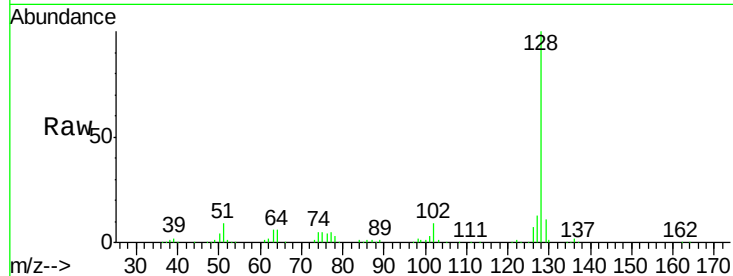
ClientSampleId :

SSTDICC010

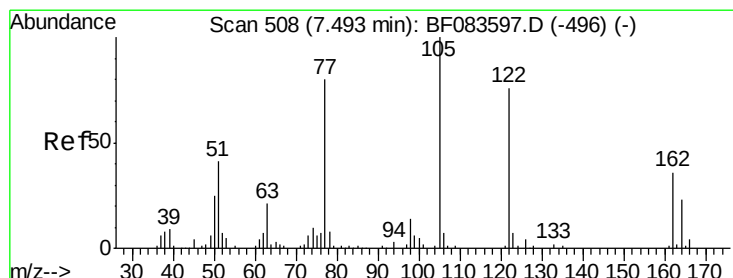
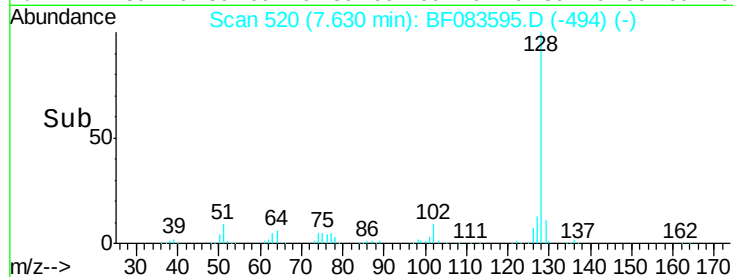
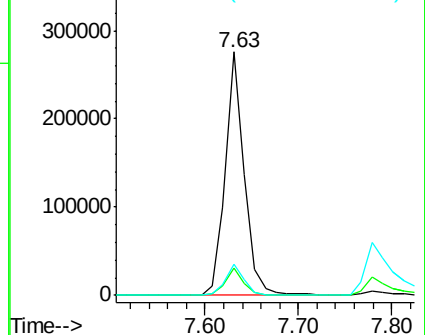
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 390514 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.0  | 8.6   | 13.0   |
| 127       | 13.0  | 10.6  | 16.0   |

Manual Integrations  
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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: 8.80 ng

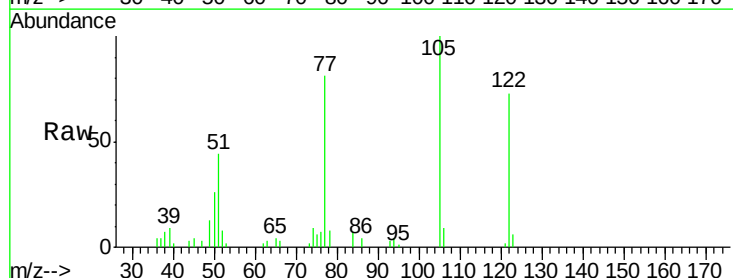
RT: 7.42 min Scan# 502

Delta R.T. -0.07 min

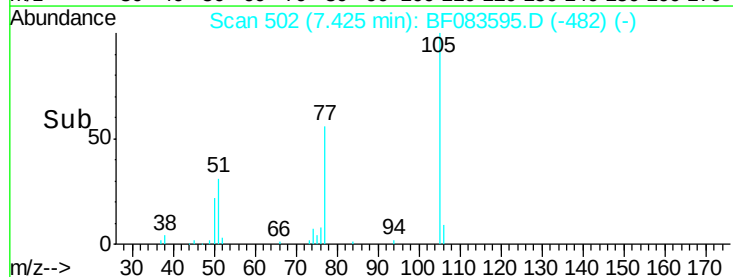
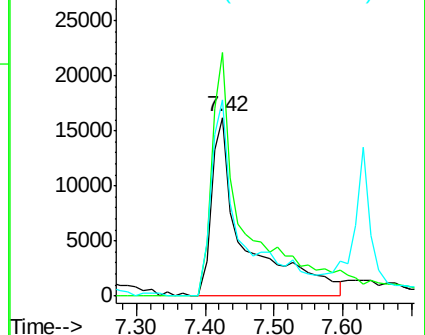
Lab File: BF083595.D

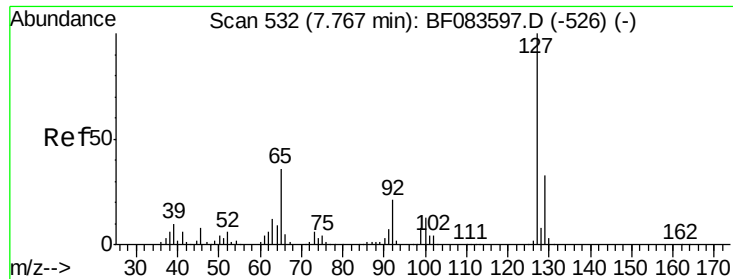
Acq: 8 Dec 2015 14:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 54690 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 136.4 | 105.6 | 145.6 |
| 77        | 110.2 | 86.8  | 126.8 |



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





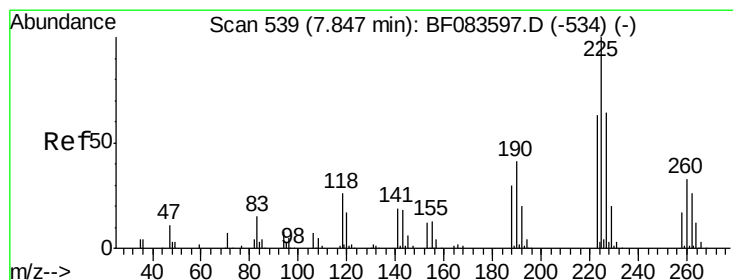
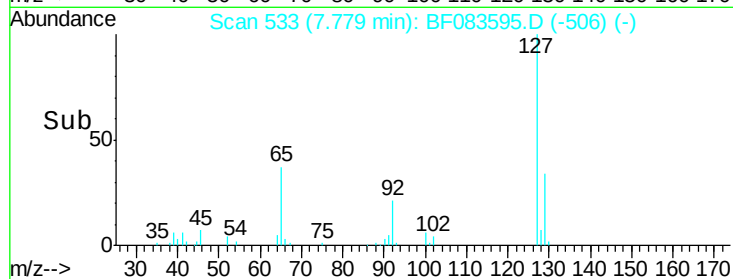
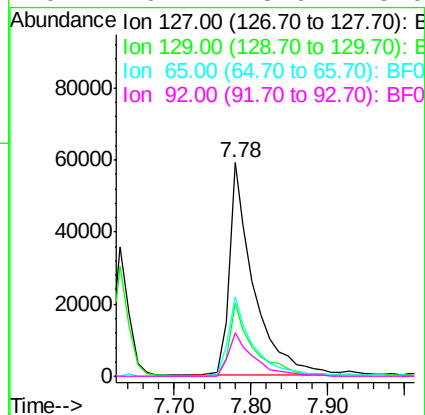
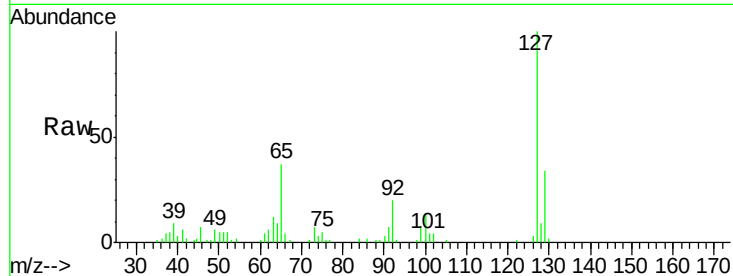
#33  
4-Chloroaniline  
Concen: 9.00 ng  
RT: 7.78 min Scan# 533  
Delta R.T. 0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 130765 |       |       |
| 129     | 34.0  | 26.1   | 39.1  |       |
| 65      | 37.4  | 33.5   | 50.3  |       |
| 92      | 20.4  | 18.6   | 28.0  |       |

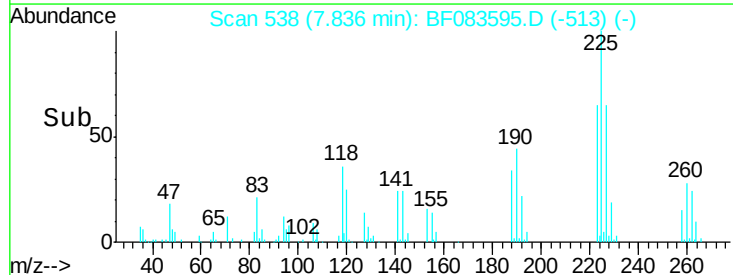
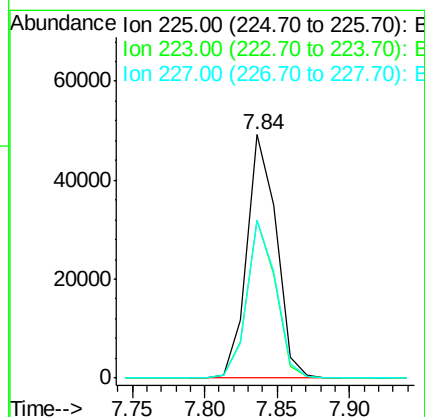
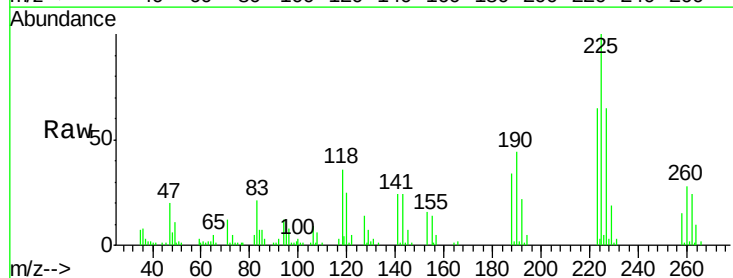
Manual Integrations  
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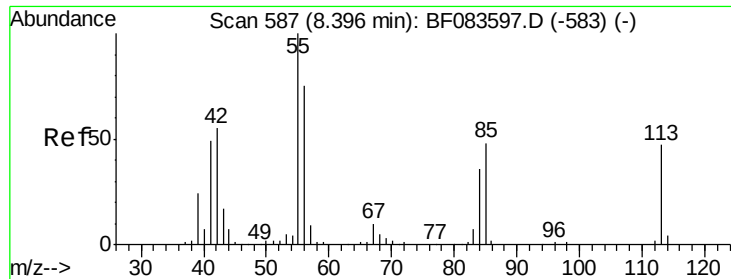
Mmdadoda  
12/9/2015 6:13:12 PM



#34  
Hexachlorobutadiene  
Concen: 10.17 ng  
RT: 7.84 min Scan# 538  
Delta R.T. -0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 69412 |       |       |
| 223     | 65.0  | 52.3  | 78.5  |       |
| 227     | 64.8  | 50.4  | 75.6  |       |





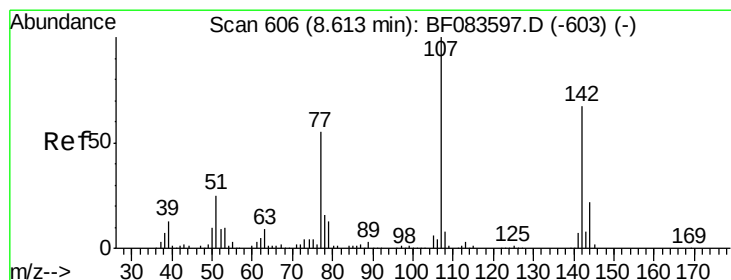
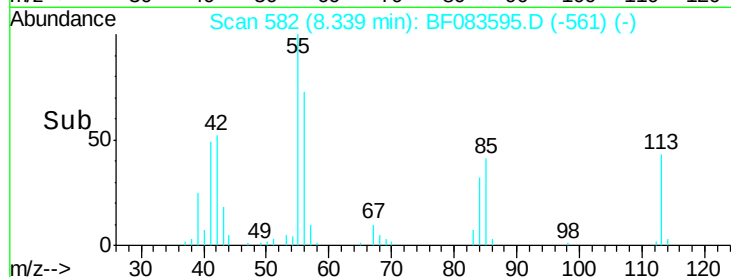
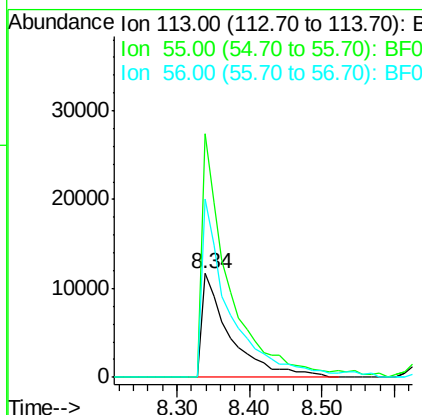
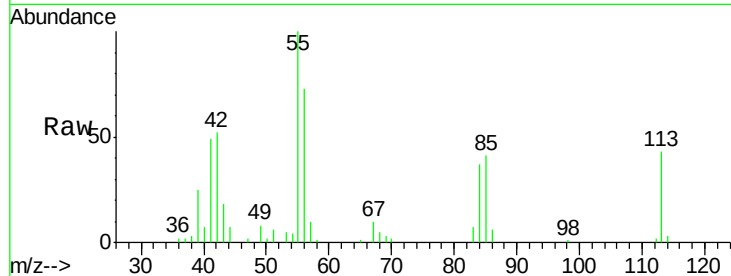
#35  
 Caprolactam  
 Concen: 9.45 ng  
 RT: 8.34 min Scan# 582  
 Delta R.T. -0.06 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:113 Resp: 31413  
 Ion Ratio Lower Upper  
 113 100  
 55 234.2 189.7 229.7#  
 56 171.1 130.7 170.7#

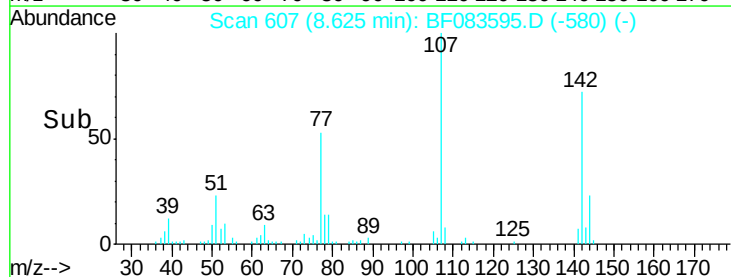
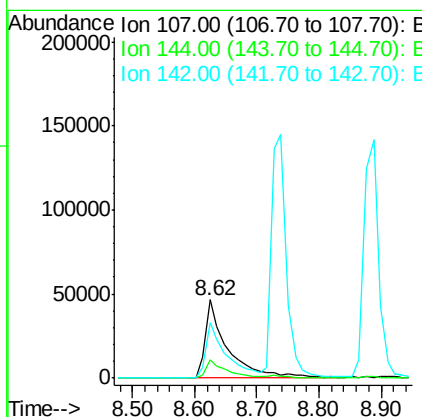
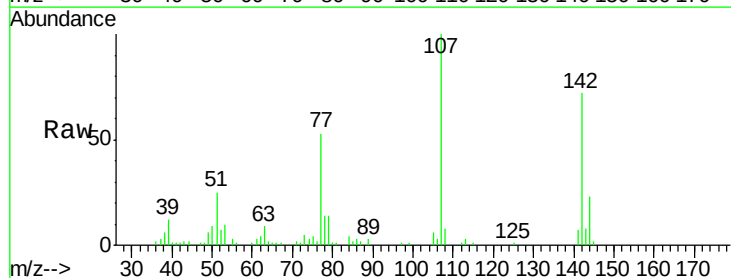
Manual Integrations  
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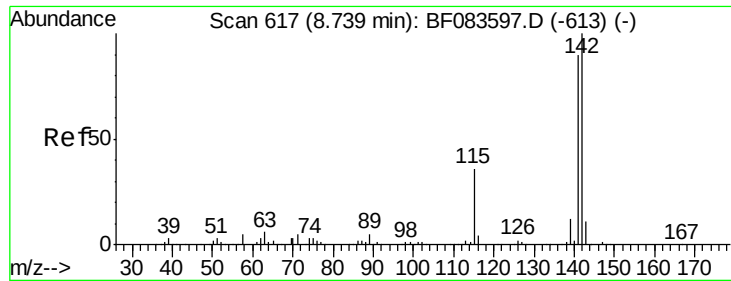
Mmdadoda  
 12/9/2015 6:13:12 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 9.90 ng  
 RT: 8.62 min Scan# 607  
 Delta R.T. 0.01 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Tgt Ion:107 Resp: 116494  
 Ion Ratio Lower Upper  
 107 100  
 144 22.8 17.5 26.3  
 142 71.5 53.6 80.4





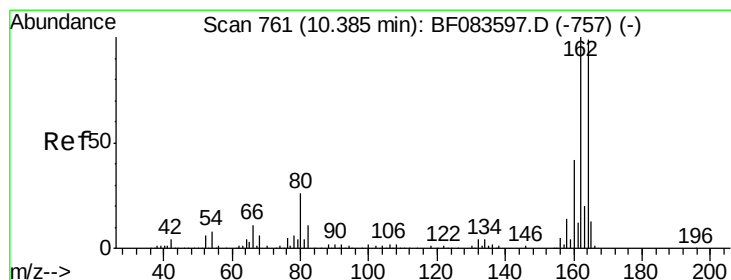
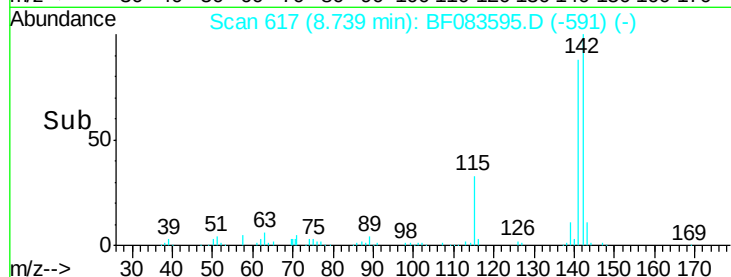
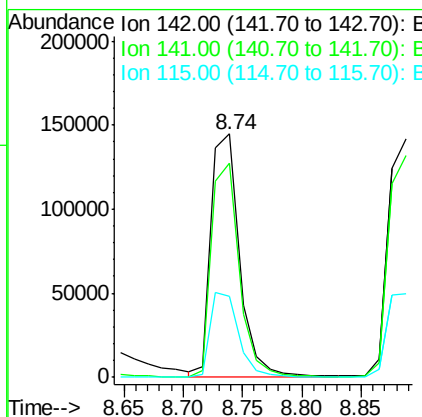
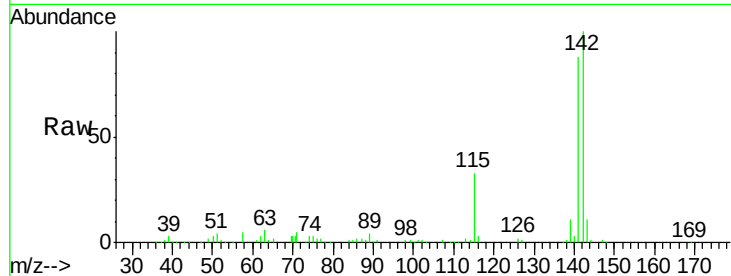
#37  
2-Methylnaphthalene  
Concen: 10.44 ng  
RT: 8.74 min Scan# 617  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 242400 |       |       |
| 141     | 88.1  | 70.3   | 105.5 |       |
| 115     | 33.1  | 29.2   | 43.8  |       |

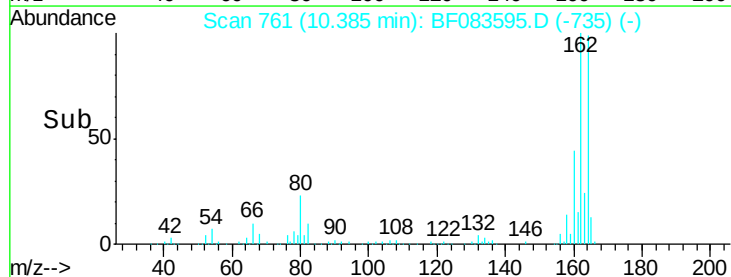
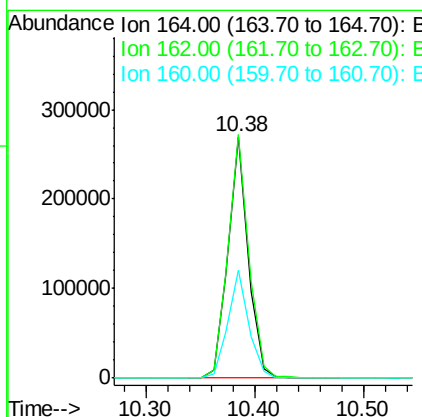
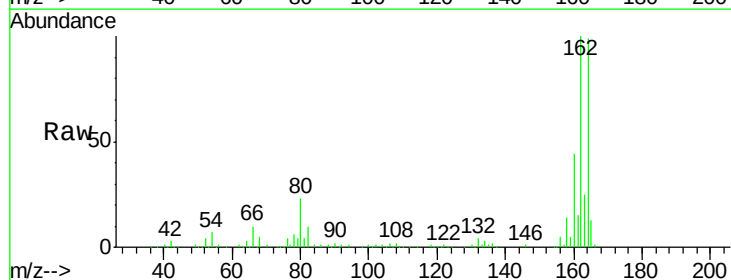
Manual Integrations  
APPROVED

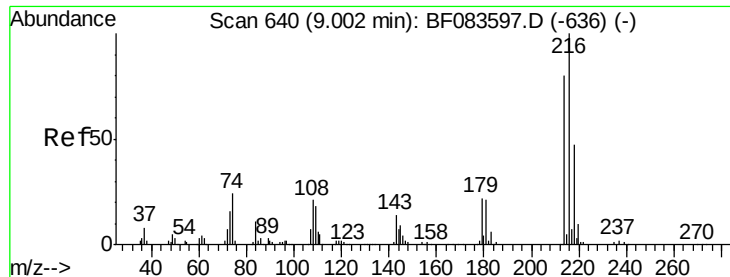
Mmdadoda  
12/9/2015 6:13:12 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.38 min Scan# 761  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 345044 |       |       |
| 162     | 100.8 | 78.8   | 118.2 |       |
| 160     | 44.5  | 33.4   | 50.2  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.40 ng

RT: 9.00 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion: 216 Resp: 118212  
Ion Ratio Lower Upper

216 100

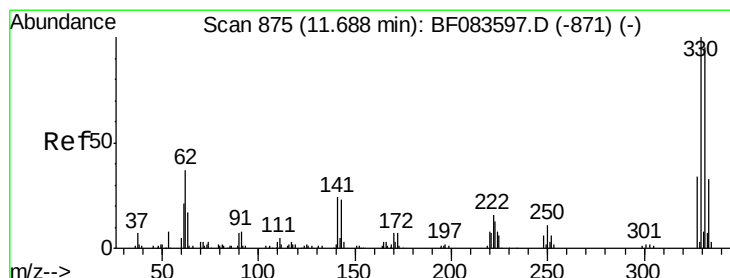
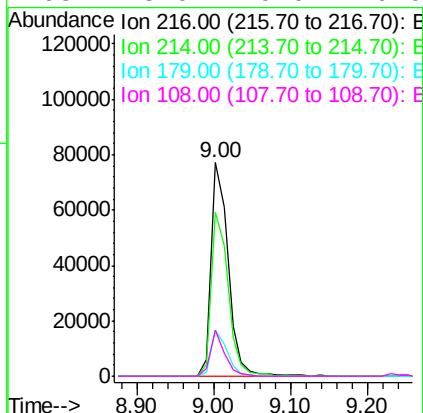
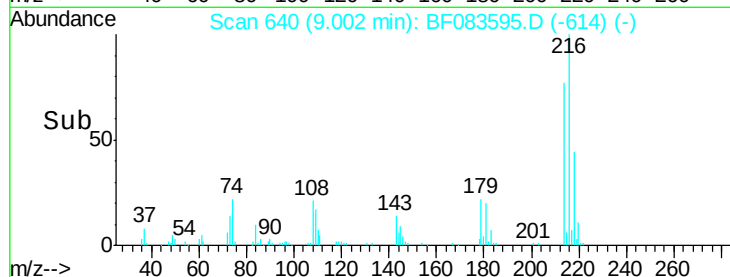
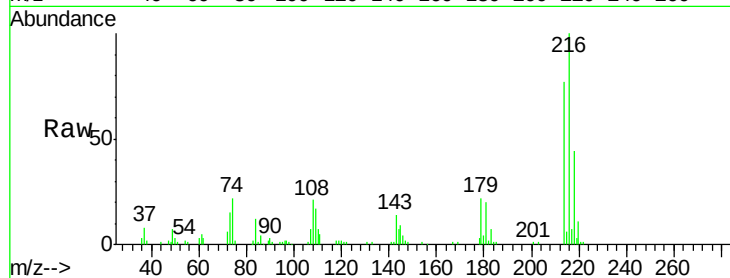
214 76.8 0.0 0.0#

179 20.2 0.0 0.0#

108 18.0 0.0 0.0#

Manual Integrations  
APPROVED

Mmdadoda  
12/9/2015 6:13:12 PM



#41

2,4,6-Tribromophenol

Concen: 19.82 ng

RT: 11.68 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF083595.D

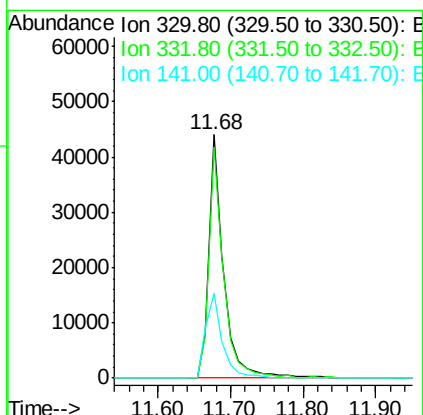
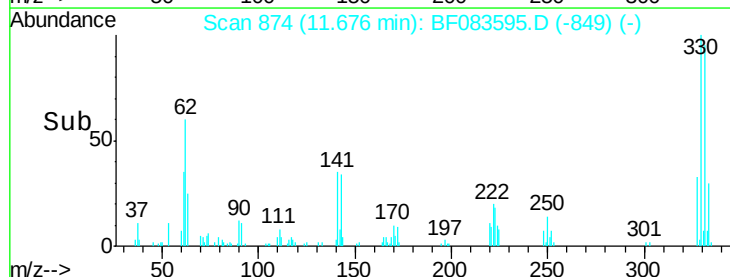
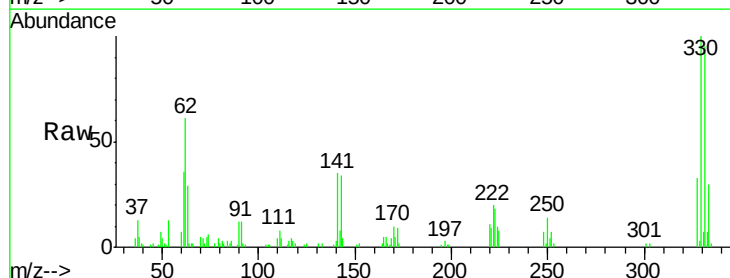
Acq: 8 Dec 2015 14:49

Tgt Ion: 330 Resp: 62961  
Ion Ratio Lower Upper

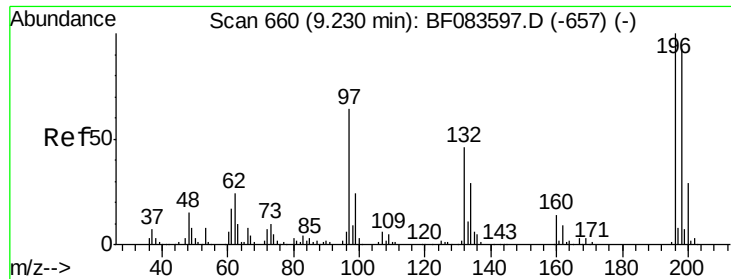
330 100

332 93.4 0.0 0.0#

141 38.9 0.0 0.0#







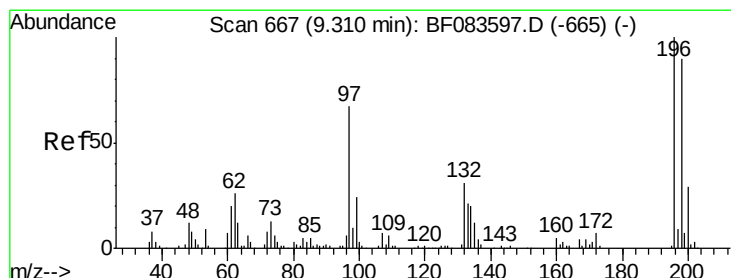
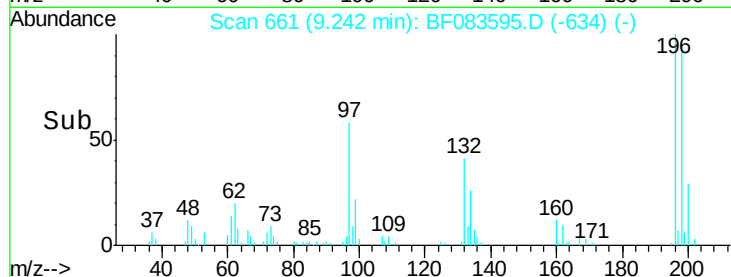
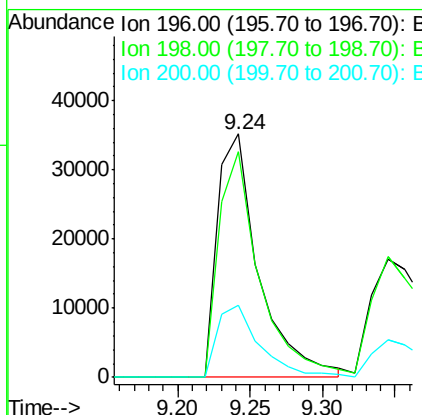
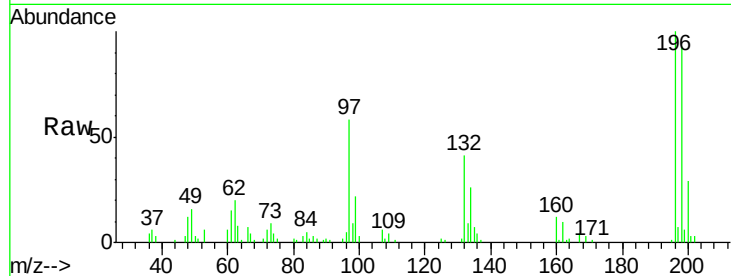
#42  
 2,4,6-Trichlorophenol  
 Concen: 9.83 ng  
 RT: 9.24 min Scan# 661  
 Delta R.T. 0.01 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 69636 |       |       |
| 198     | 92.5  | 75.2  | 112.8 |       |
| 200     | 29.4  | 23.0  | 34.6  |       |

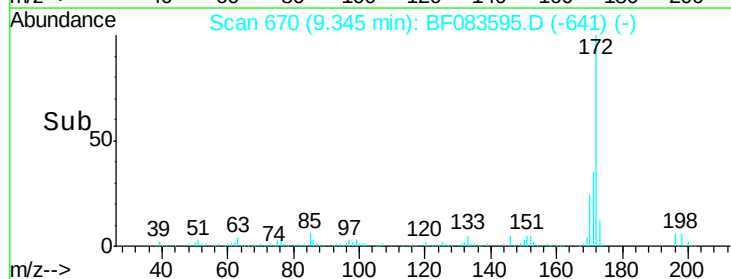
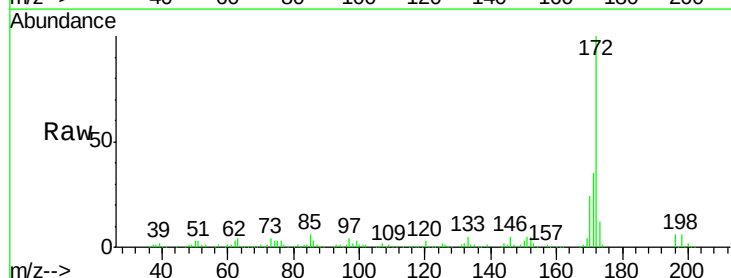
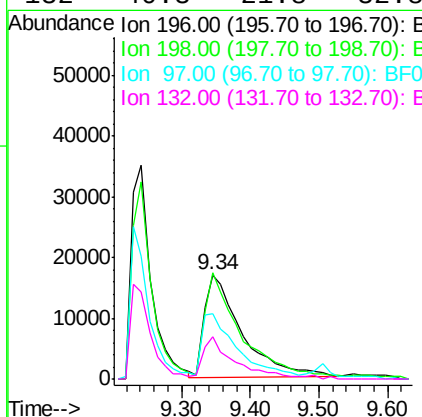
Manual Integrations  
 APPROVED

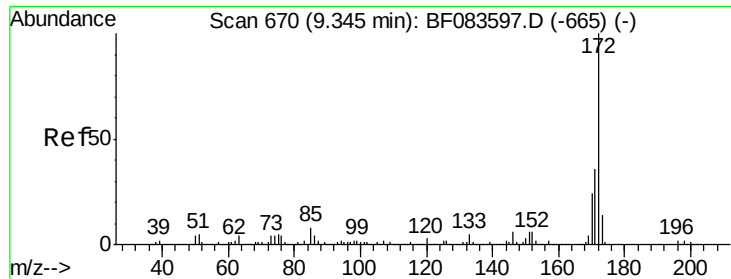
Mmdadoda  
 12/9/2015 6:13:12 PM



#43  
 2,4,5-Trichlorophenol  
 Concen: 8.75 ng  
 RT: 9.34 min Scan# 670  
 Delta R.T. 0.03 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 63706 |       |       |
| 198     | 102.1 | 77.7  | 116.5 |       |
| 97      | 62.3  | 41.2  | 61.8# |       |
| 132     | 40.3  | 21.8  | 32.8# |       |





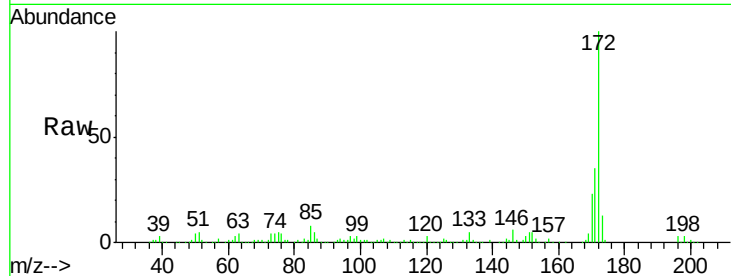
#44  
2-Fluorobiphenyl  
Concen: 21.06 ng  
RT: 9.33 min Scan# 669  
Delta R.T. -0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

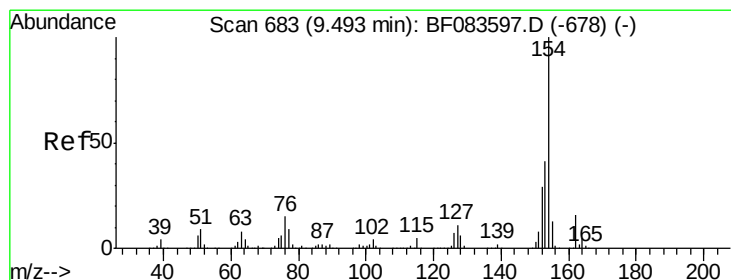
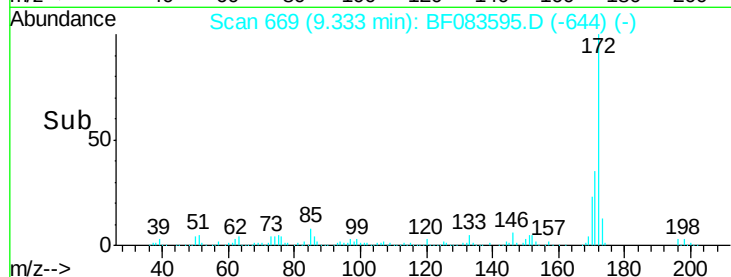
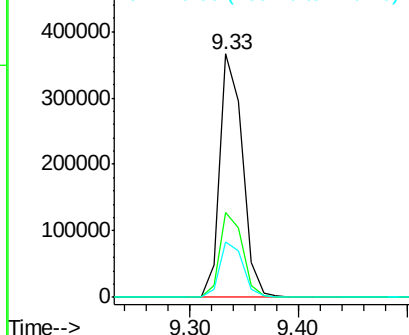
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 532889 |       |       |
| 171     | 34.9  |        | 28.6  | 42.8  |
| 170     | 22.6  |        | 19.4  | 29.0  |

Manual Integrations  
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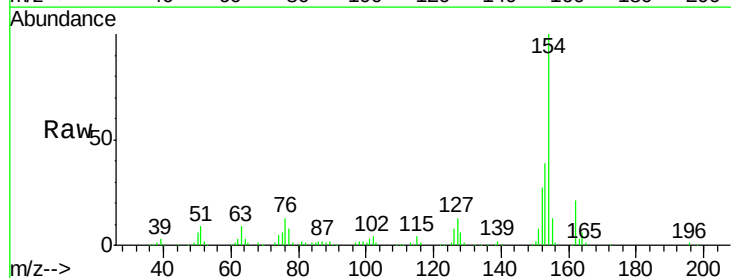


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

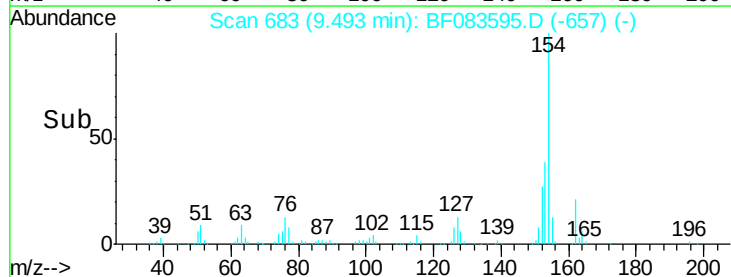
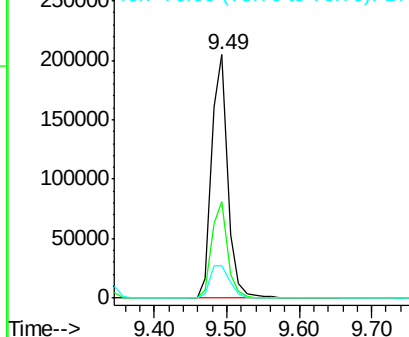


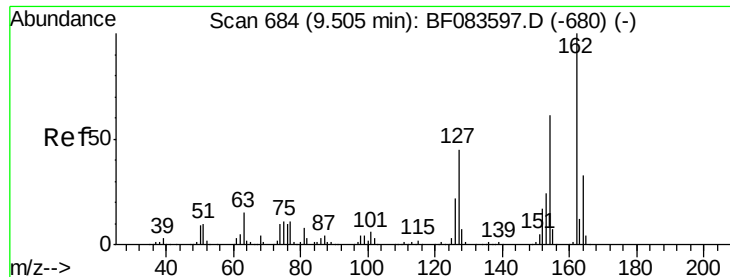
#45  
1,1'-Biphenyl  
Concen: 10.31 ng  
RT: 9.49 min Scan# 683  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 315062 |       |       |
| 153     | 39.5  |        | 20.2  | 60.2  |
| 76      | 13.4  |        | 0.0   | 34.8  |



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





#46

2-Chloronaphthalene

Concen: 10.25 ng

RT: 9.50 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

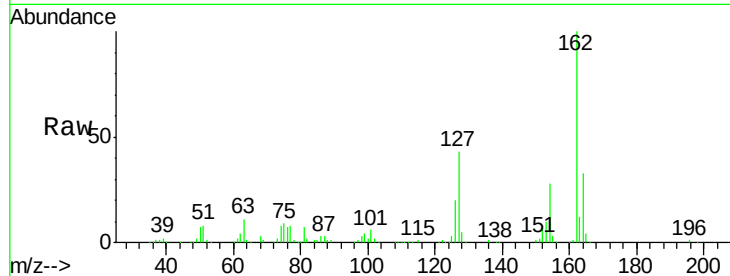
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 236459 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 42.6  | 31.0  | 46.4   |
| 164       | 33.4  | 27.4  | 41.0   |

Manual Integrations  
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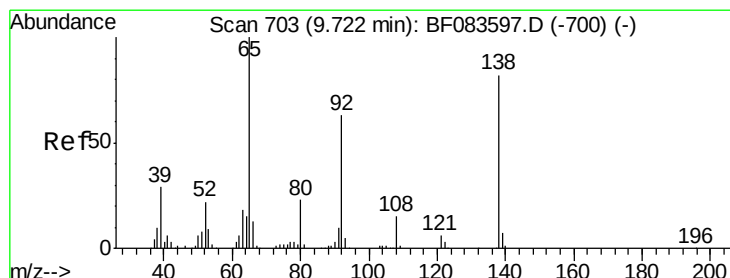
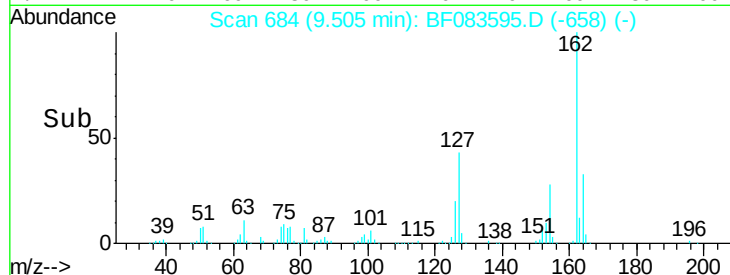
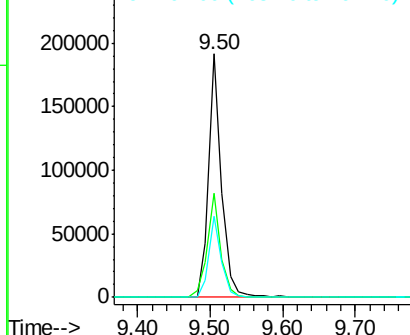
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 10.05 ng

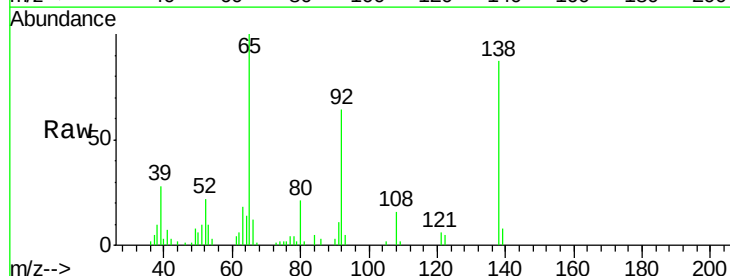
RT: 9.73 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

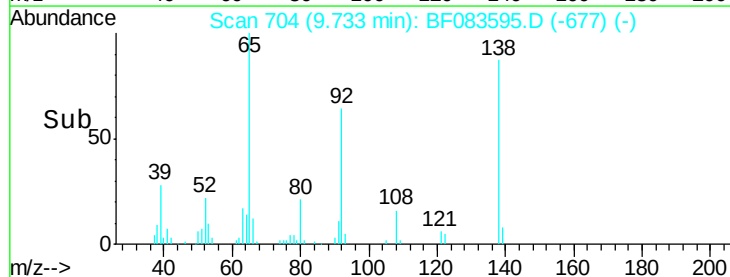
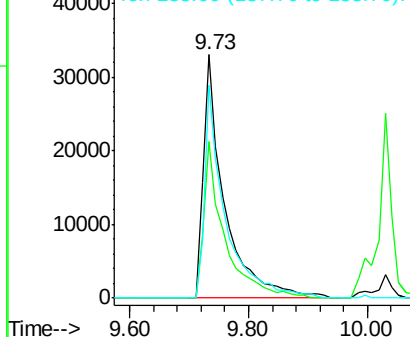
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 82673 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 64.2  | 49.6  | 74.4  |
| 138       | 87.3  | 64.1  | 96.1  |

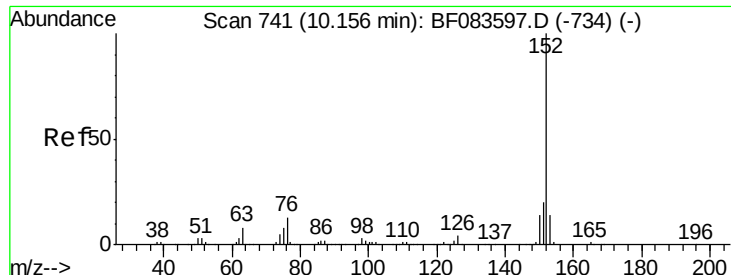


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





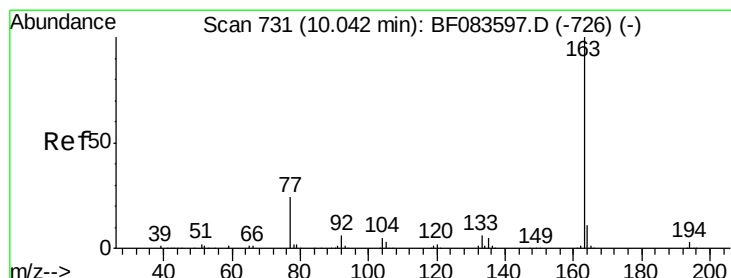
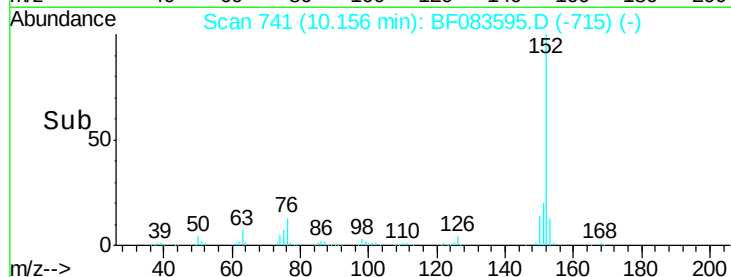
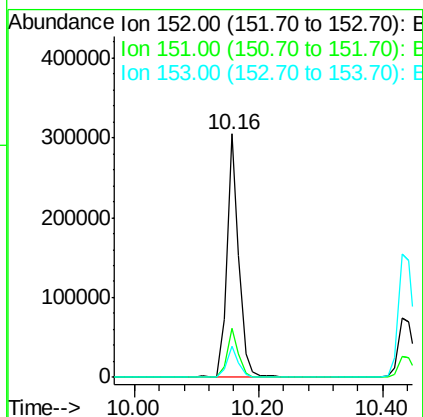
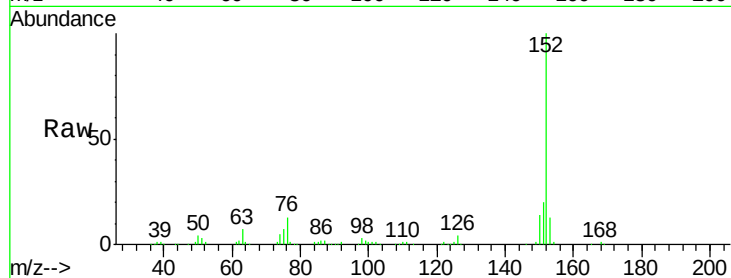
#48  
Acenaphthylene  
Concen: 10.50 ng  
RT: 10.16 min Scan# 741  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 396421 |       |       |
| 151     | 20.4  | 16.3   | 24.5  |       |
| 153     | 12.9  | 10.8   | 16.2  |       |

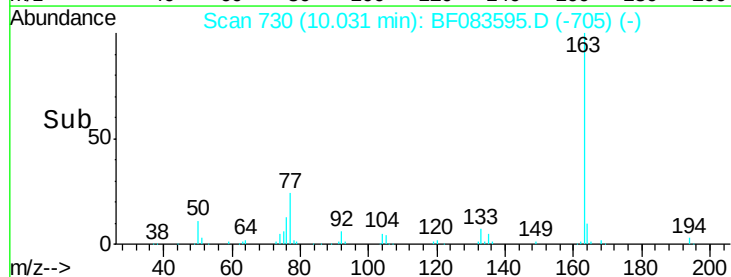
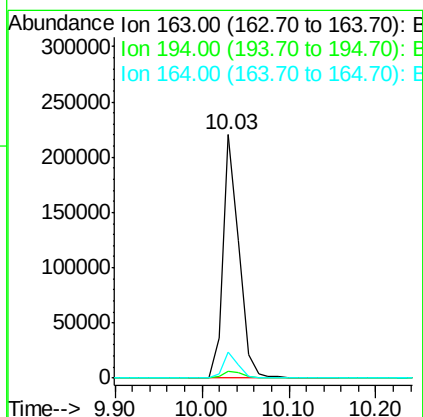
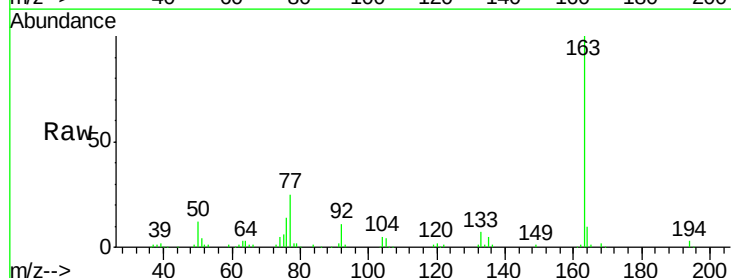
Manual Integrations  
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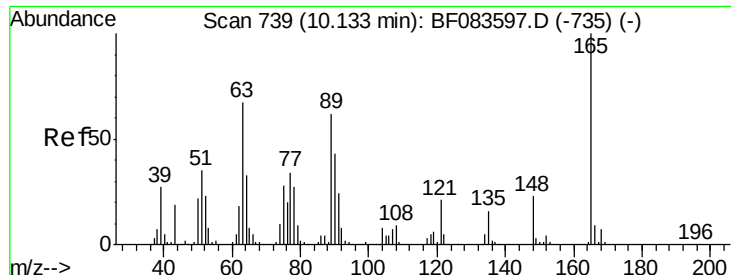
Mmdadoda  
12/9/2015 6:13:12 PM



#49  
Dimethylphthalate  
Concen: 10.35 ng  
RT: 10.03 min Scan# 730  
Delta R.T. -0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 282055 |       |       |
| 194     | 3.0   | 2.8    | 4.2   |       |
| 164     | 10.5  | 8.6    | 13.0  |       |





#50

2,6-Dinitrotoluene

Concen: 10.01 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

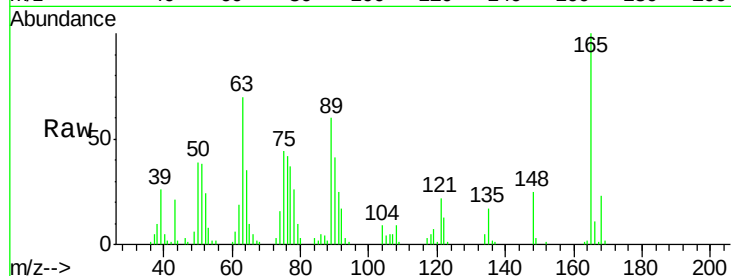
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 57269 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 69.8  | 56.9  | 85.3  |
| 89        | 59.6  | 52.1  | 78.1  |

Manual Integrations  
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Mmdadoda  
12/9/2015 6:13:12 PM

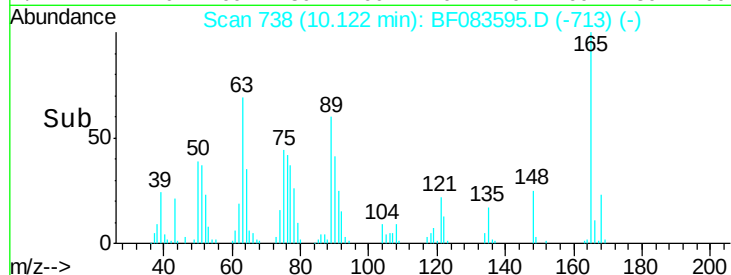


Abundance Ion 165.00 (164.70 to 165.70): E

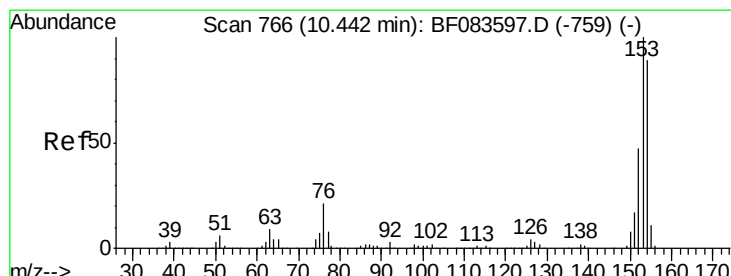
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->



Time-->



#51

Acenaphthene

Concen: 10.25 ng

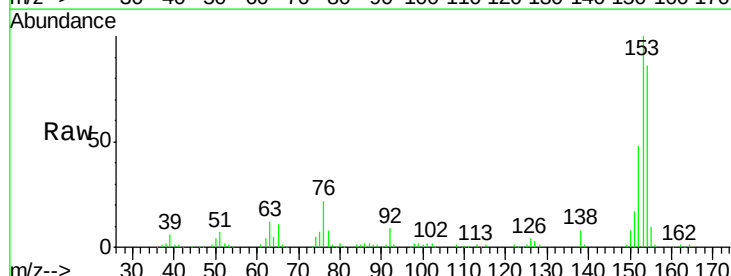
RT: 10.43 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 223386 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 116.0 | 91.4  | 137.0  |
| 152       | 55.7  | 43.4  | 65.2   |

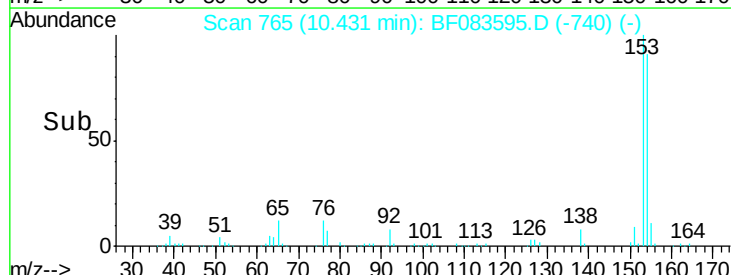


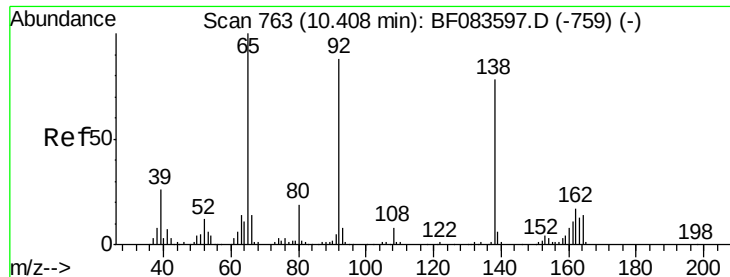
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->





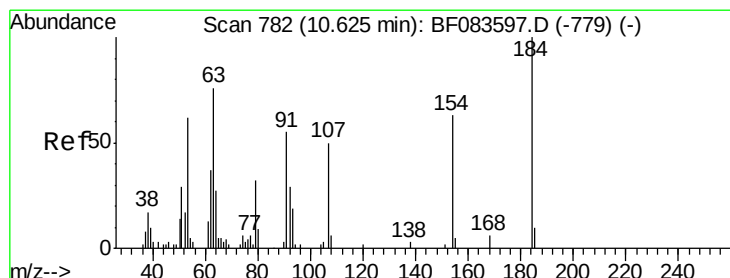
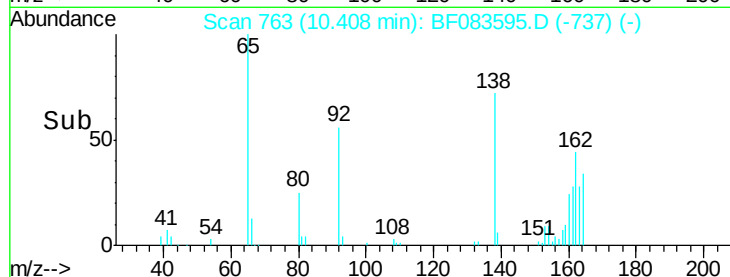
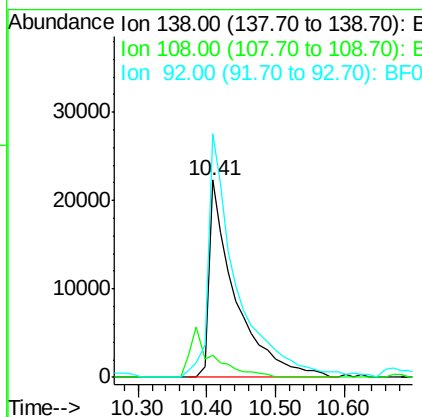
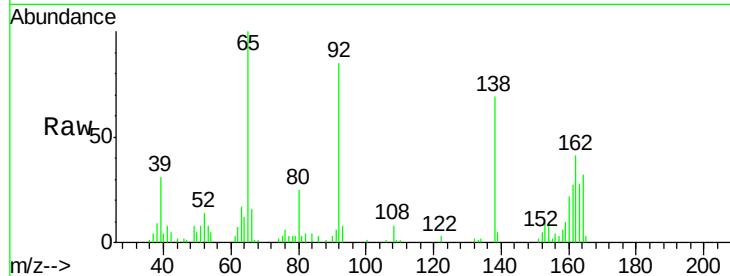
#52  
3-Nitroaniline  
Concen: 9.63 ng  
RT: 10.41 min Scan# 763  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.4  | 9.9   | 14.9  |
| 92      | 123.4 | 113.8 | 170.8 |

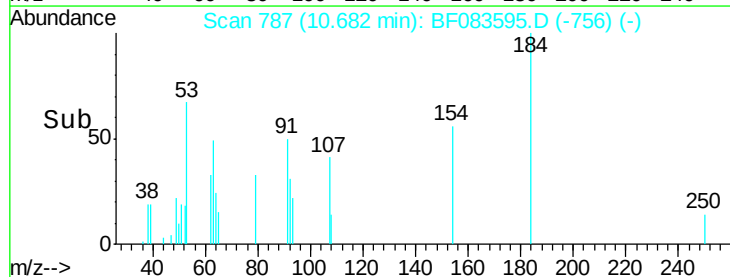
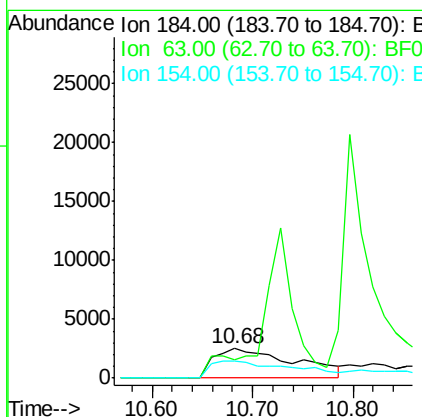
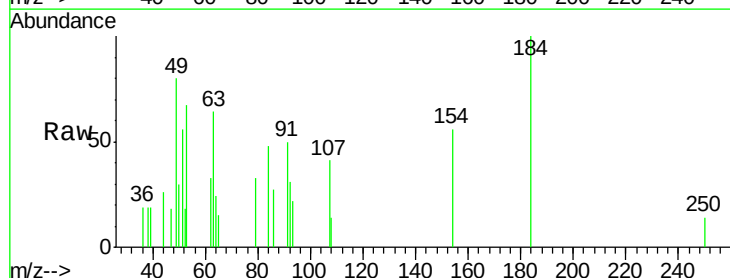
Manual Integrations  
APPROVED

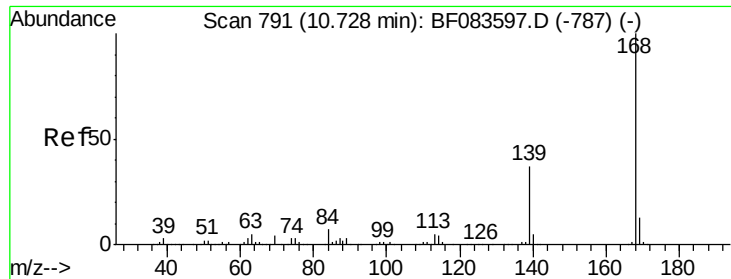
Mmdadoda  
12/9/2015 6:13:12 PM



#53  
2,4-Dinitrophenol  
Concen: 5.65 ng  
RT: 10.68 min Scan# 787  
Delta R.T. 0.06 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 64.4  | 62.4  | 93.6  |
| 154     | 56.1  | 46.6  | 69.8  |





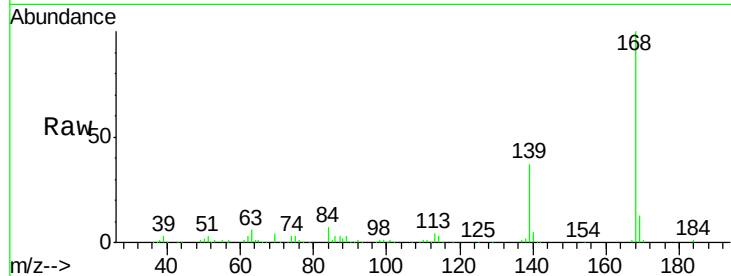
#54  
Dibenzenofuran  
Concen: 10.16 ng  
RT: 10.73 min Scan# 791  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

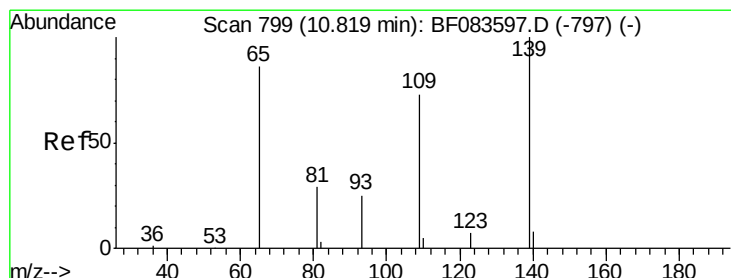
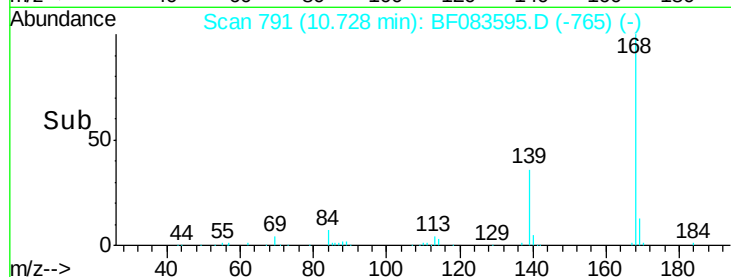
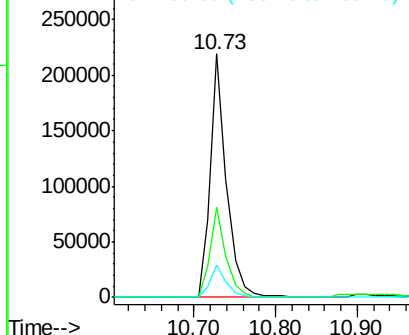
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.2  | 28.0  | 42.0  |
| 169     | 13.4  | 10.8  | 16.2  |

Manual Integrations  
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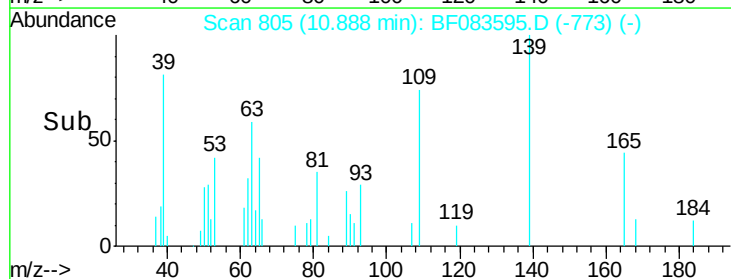
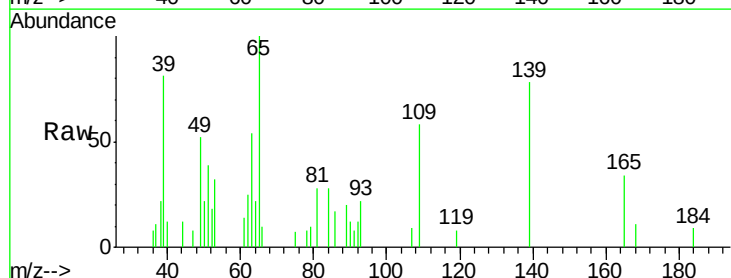
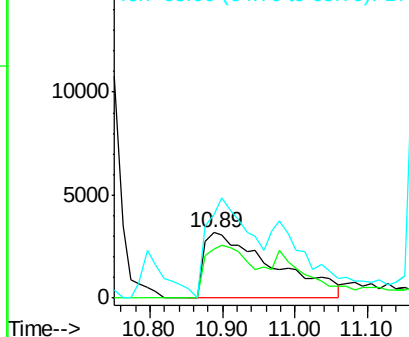
Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

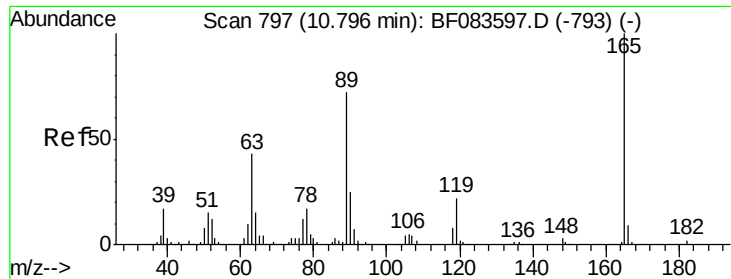


#55  
4-Nitrophenol  
Concen: 6.26 ng  
RT: 10.89 min Scan# 805  
Delta R.T. 0.07 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 74.1  | 42.0  | 82.0  |
| 65      | 128.0 | 89.2  | 129.2 |

Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0





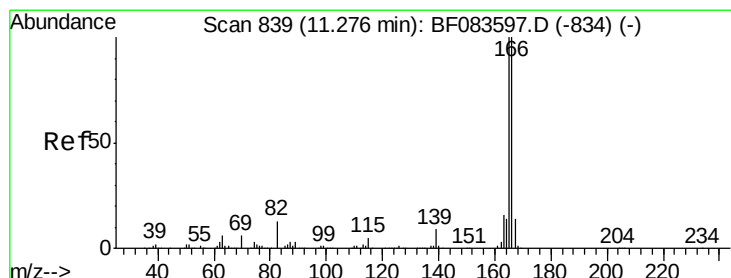
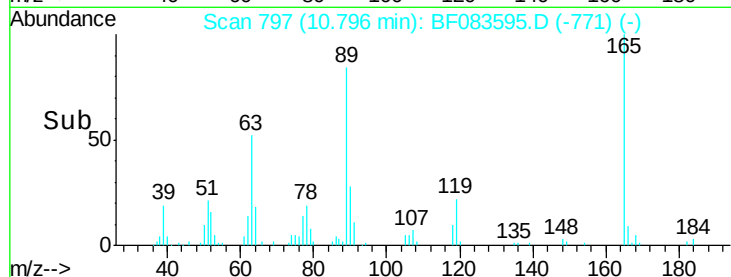
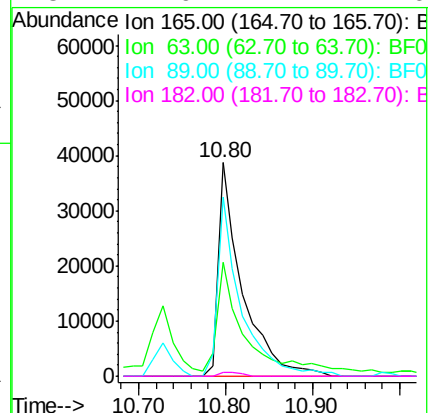
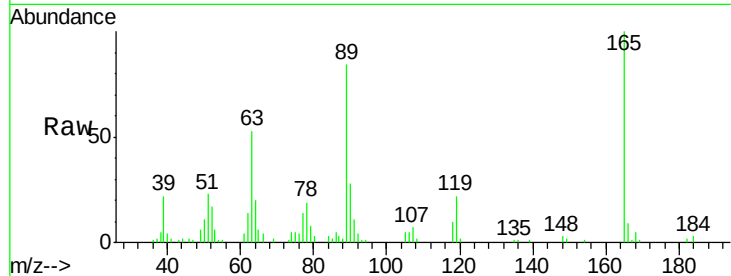
#56  
2,4-Dinitrotoluene  
Concen: 9.90 ng  
RT: 10.80 min Scan# 797  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.4  | 51.4  | 77.2  |
| 89      | 83.7  | 72.6  | 108.8 |
| 182     | 1.9   | 1.4   | 2.0   |

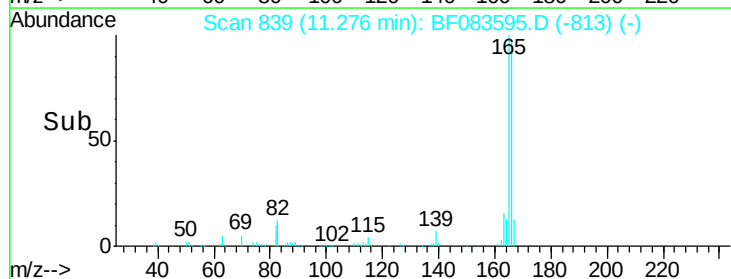
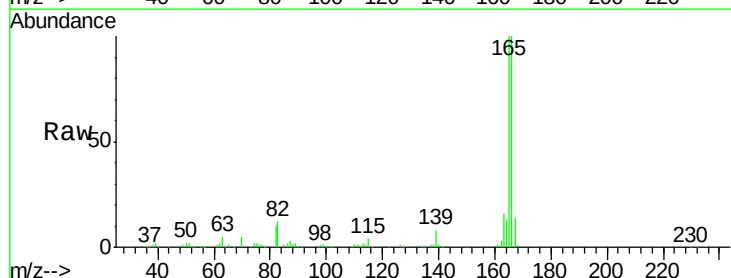
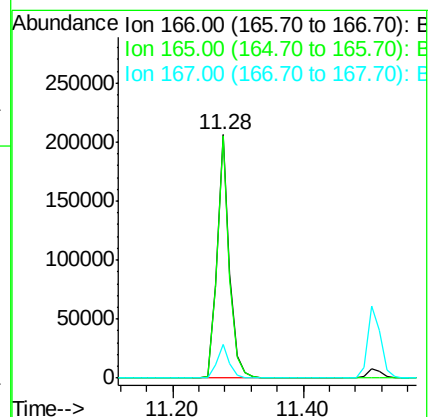
Manual Integrations  
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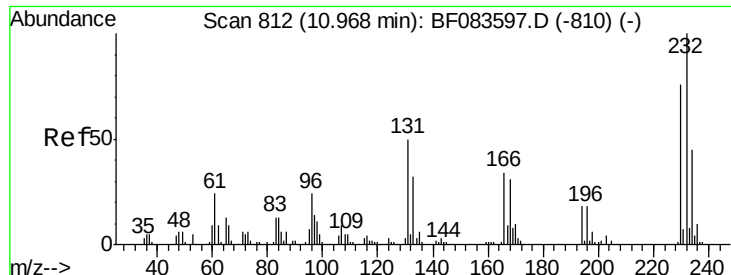


#57  
Fluorene  
Concen: 10.57 ng  
RT: 11.28 min Scan# 839  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.8  | 80.0  | 120.0 |
| 167     | 13.7  | 10.6  | 16.0  |







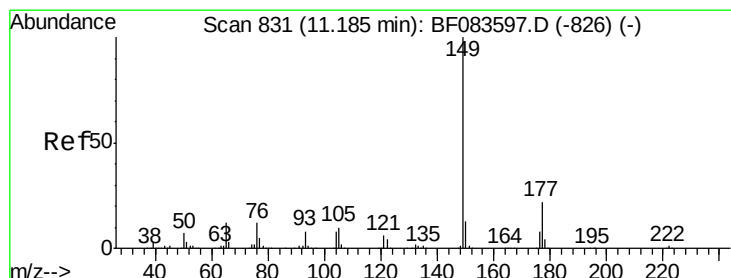
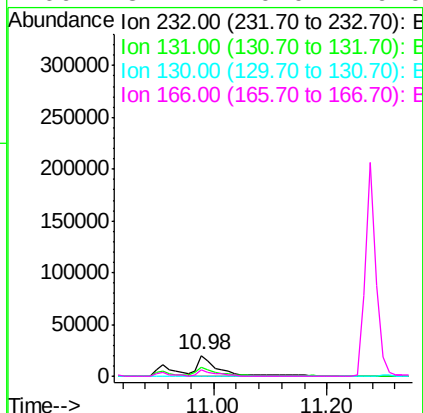
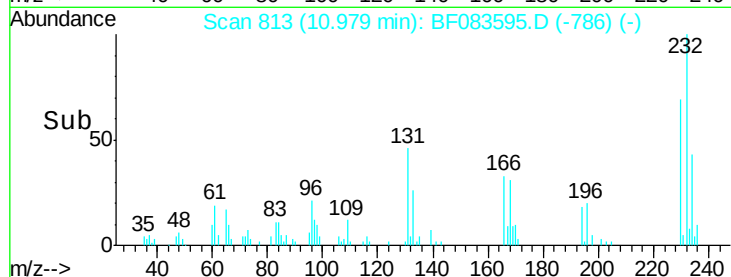
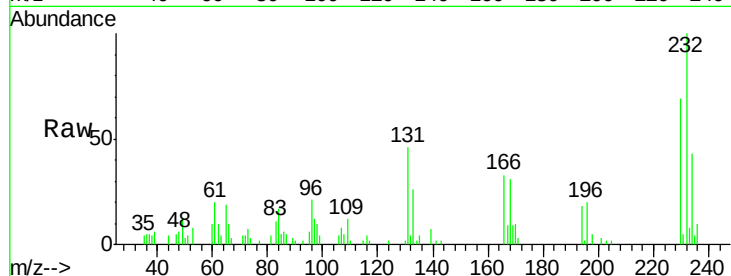
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 8.64 ng  
 RT: 10.98 min Scan# 813  
 Delta R.T. 0.01 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 47381 |       |       |
| 131     | 47.4  | 0.0   | 0.0   | 0.0   |
| 130     | 1.1   | 0.0   | 0.0   | 0.0   |
| 166     | 31.1  | 0.0   | 0.0   | 0.0   |

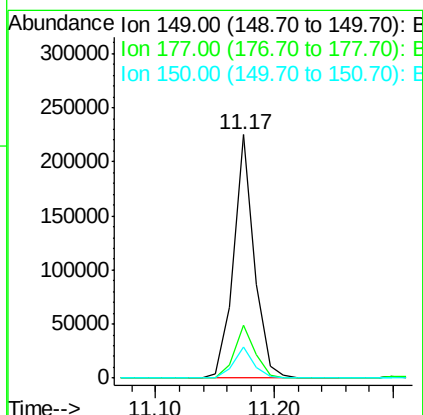
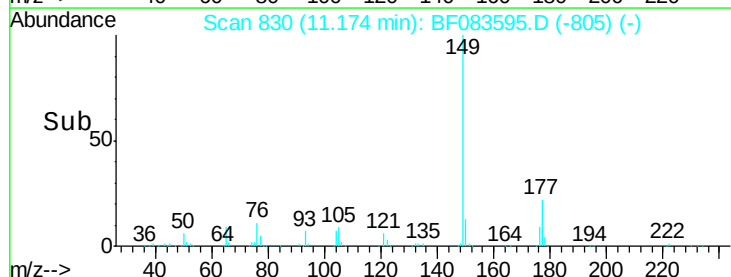
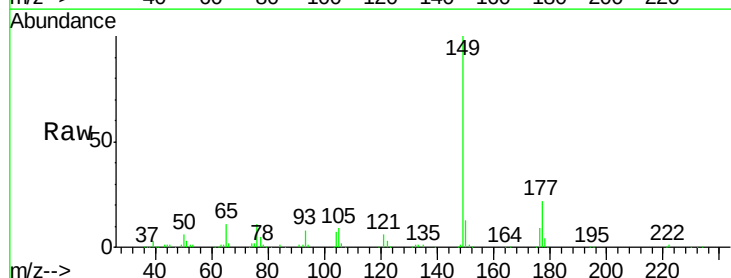
Manual Integrations  
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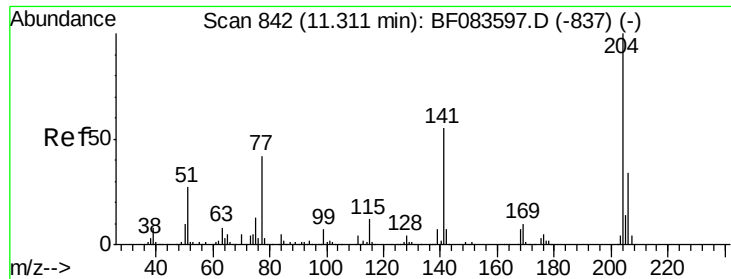
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#59  
 Diethylphthalate  
 Concen: 10.39 ng  
 RT: 11.17 min Scan# 830  
 Delta R.T. -0.01 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 271993 |       |       |
| 177     | 21.9  | 16.9   | 25.3  |       |
| 150     | 12.8  | 10.2   | 15.4  |       |





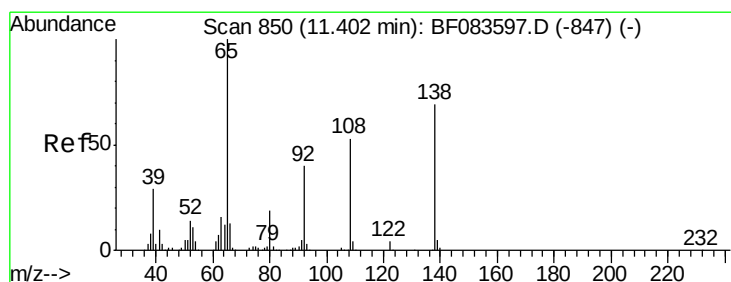
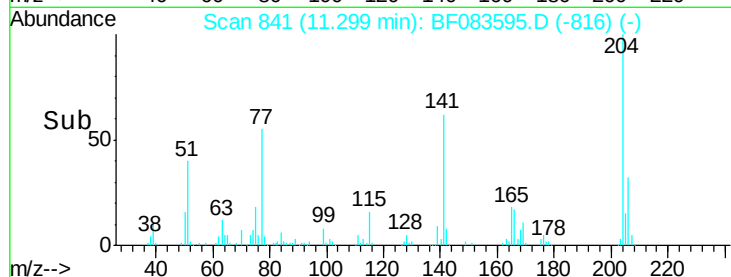
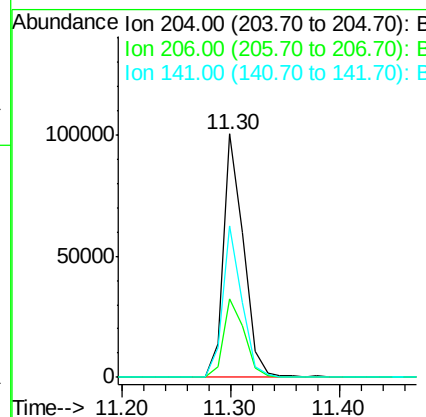
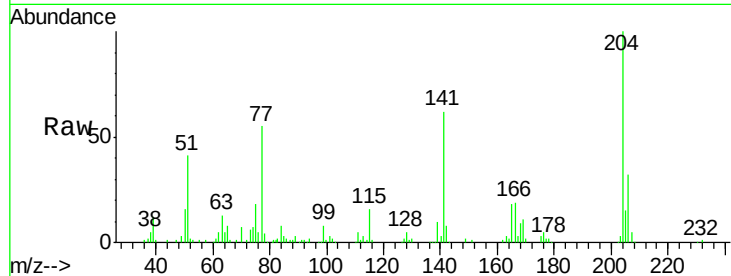
#60  
4-Chlorophenyl-phenylether  
Concen: 10.30 ng  
RT: 11.30 min Scan# 841  
Delta R.T. -0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 129793 |       |       |
| 206     | 32.4  | 27.3   | 40.9  |       |
| 141     | 62.2  | 51.9   | 77.9  |       |

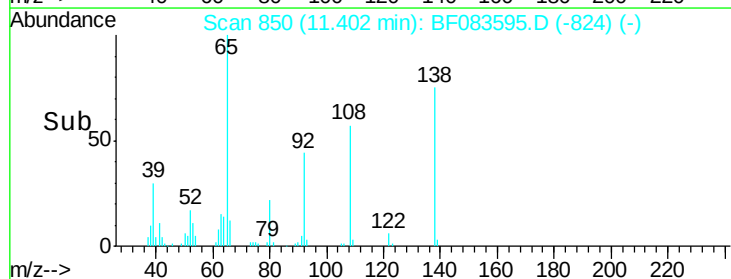
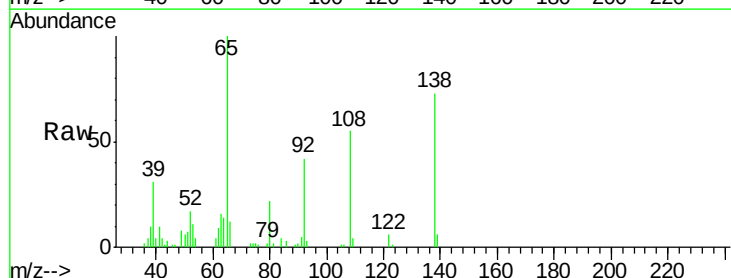
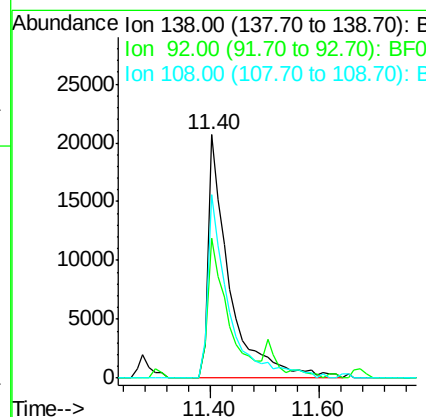
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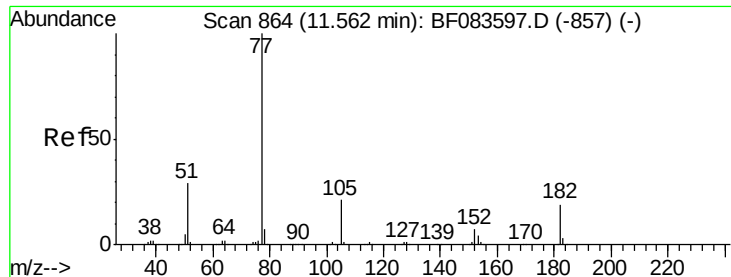
Mmdadoda  
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#61  
4-Nitroaniline  
Concen: 10.01 ng  
RT: 11.40 min Scan# 850  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 56022 |       |       |
| 92      | 57.7  | 29.0  | 69.0  |       |
| 108     | 75.3  | 47.4  | 87.4  |       |





#62

Azobenzene

Concen: 9.78 ng

RT: 11.56 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF083595.D

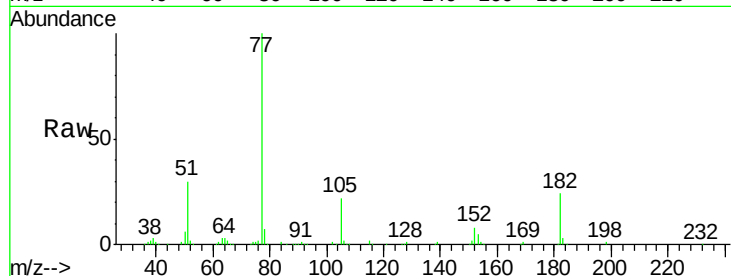
Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion: 77 Resp: 276943

Ion Ratio Lower Upper

77 100

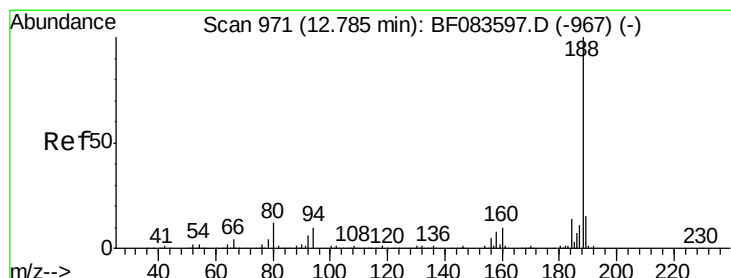
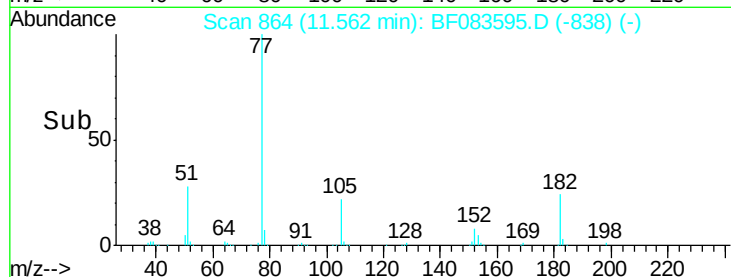
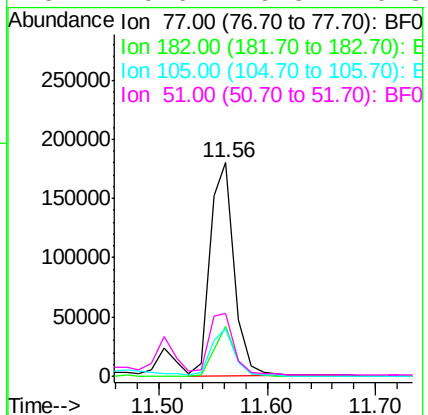
182 23.5 2.5 42.5

105 22.1 2.1 42.1

51 29.6 9.3 49.3

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

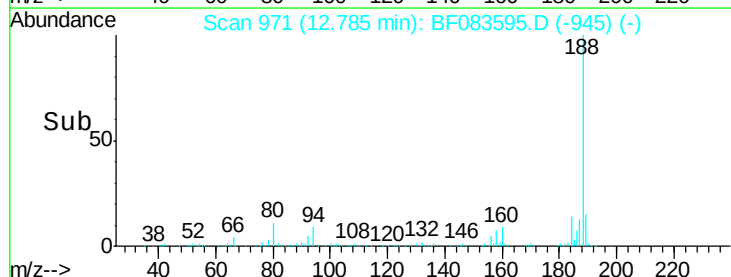
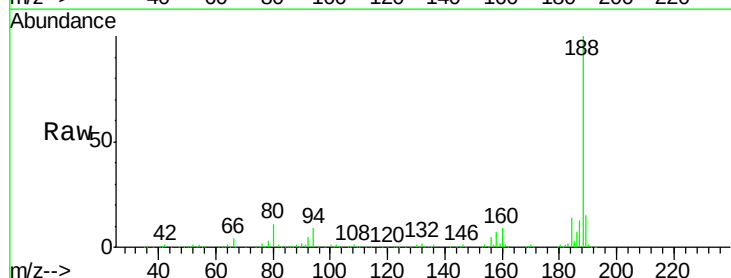
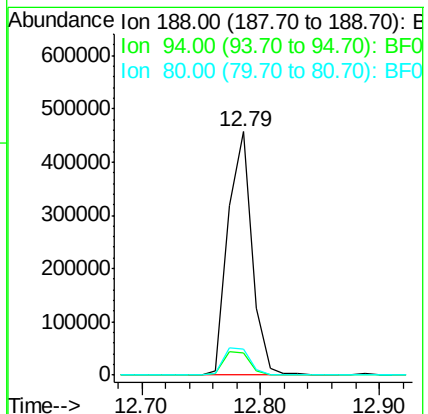
Tgt Ion: 188 Resp: 639762

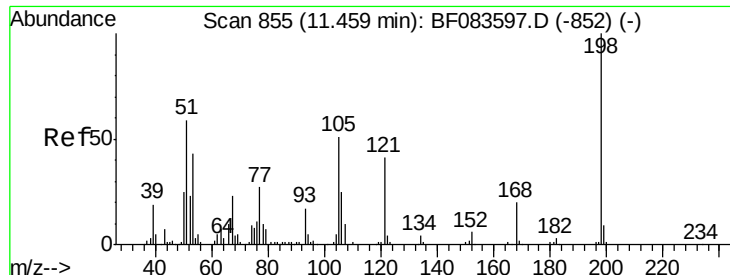
Ion Ratio Lower Upper

188 100

94 9.3 9.4 14.2#

80 10.6 10.6 16.0#





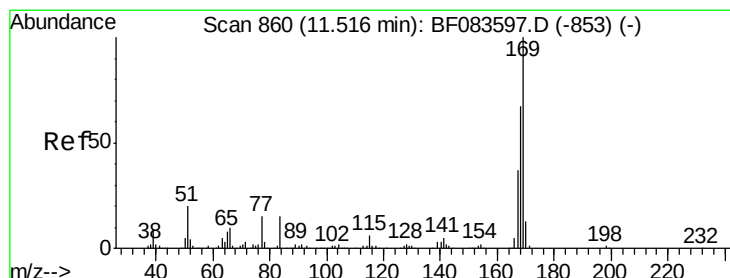
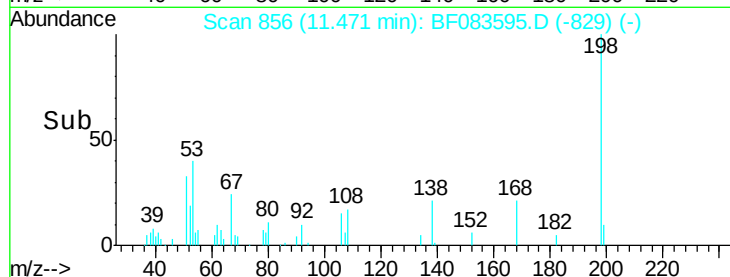
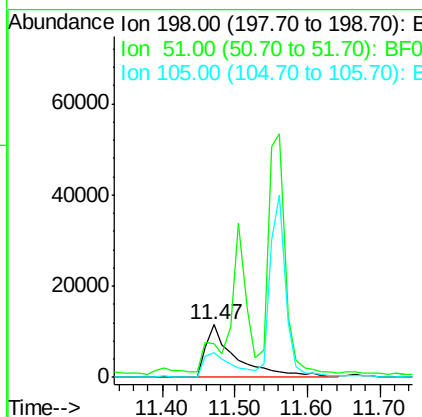
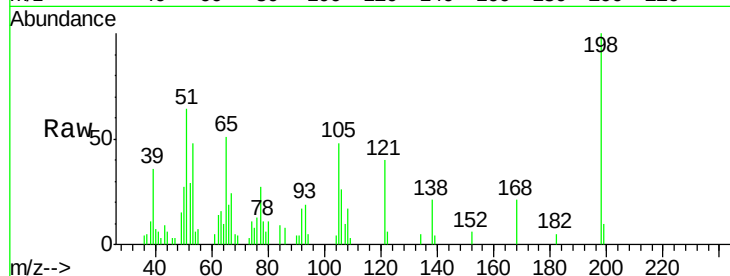
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 8.31 ng  
 RT: 11.47 min Scan# 856  
 Delta R.T. 0.01 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 33875 |       |       |
| 51      | 63.9  | 53.8  | 93.8  |       |
| 105     | 48.4  | 38.6  | 78.6  |       |

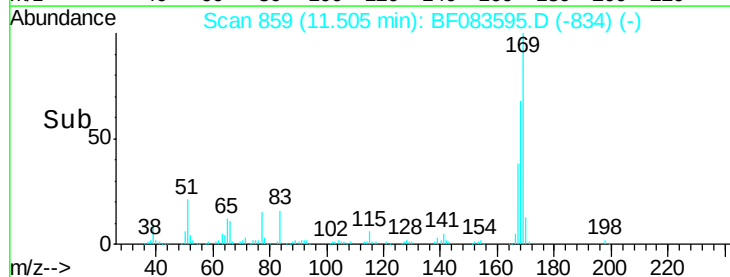
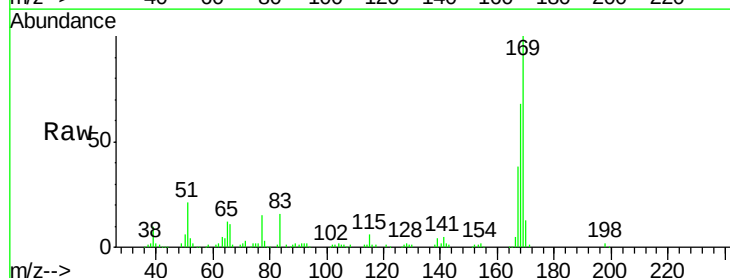
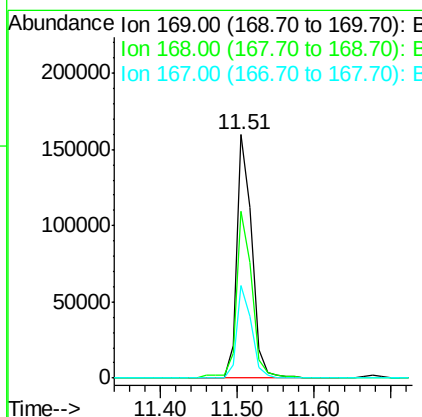
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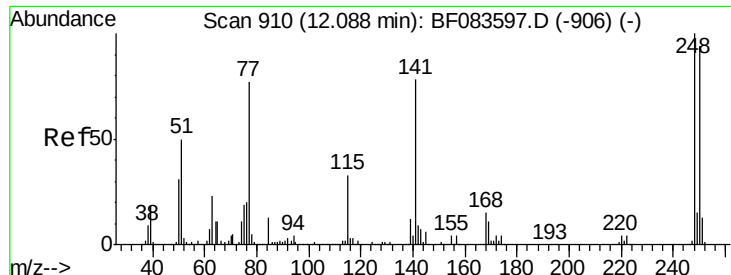
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#65  
 n-Nitrosodiphenylamine  
 Concen: 10.46 ng  
 RT: 11.51 min Scan# 859  
 Delta R.T. -0.01 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 221305 |       |       |
| 168     | 68.5  | 53.0   | 79.6  |       |
| 167     | 38.0  | 29.3   | 43.9  |       |





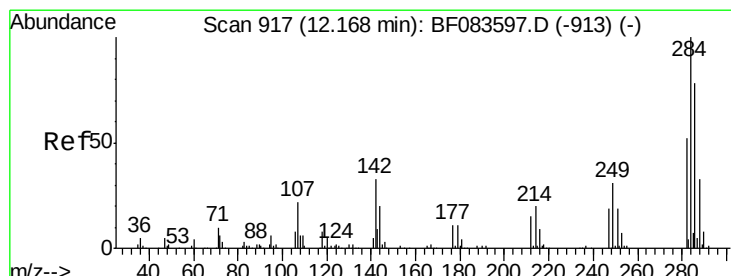
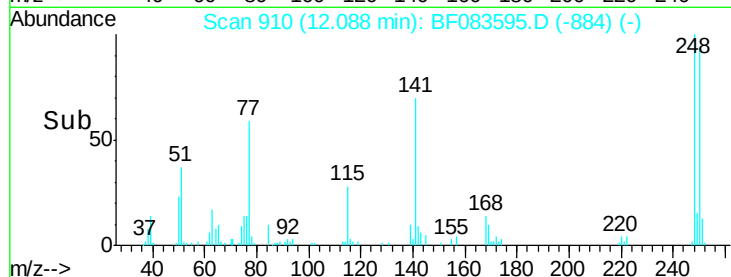
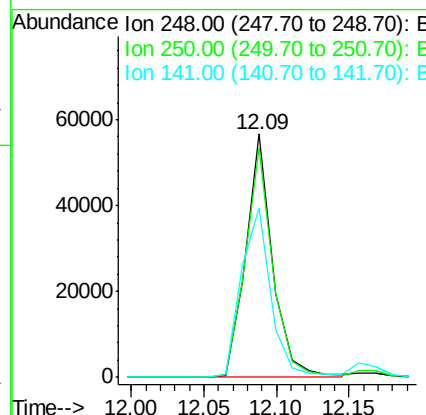
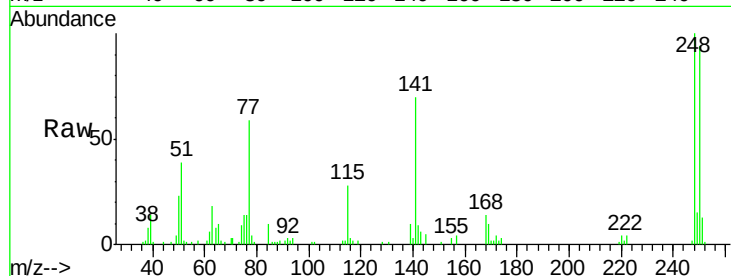
#66  
 4-Bromophenyl-phenylether  
 Concen: 10.33 ng  
 RT: 12.09 min Scan# 910  
 Delta R.T. 0.00 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.0  | 79.2  | 118.8 |
| 141     | 69.5  | 58.2  | 87.4  |

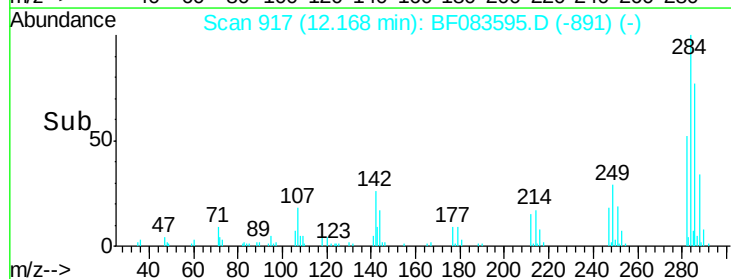
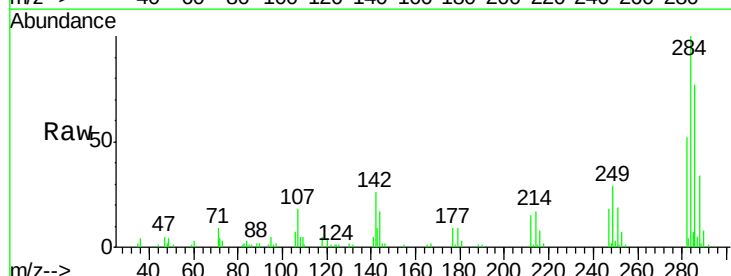
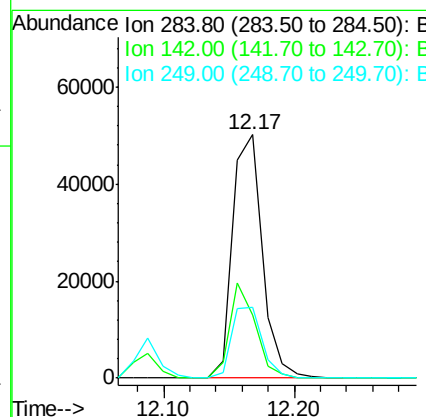
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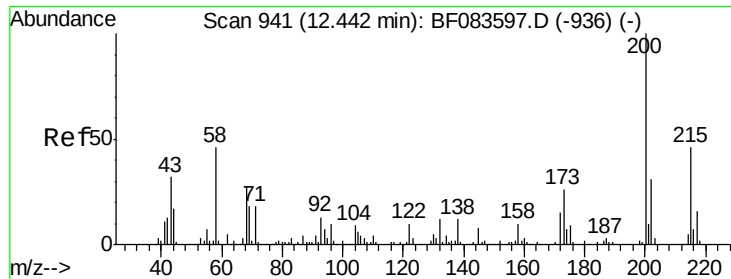
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#67  
 Hexachlorobenzene  
 Concen: 10.55 ng  
 RT: 12.17 min Scan# 917  
 Delta R.T. 0.00 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.9  | 31.0  | 46.4# |
| 249     | 28.9  | 26.9  | 40.3  |





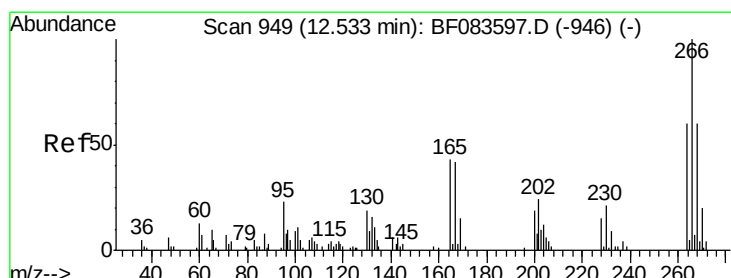
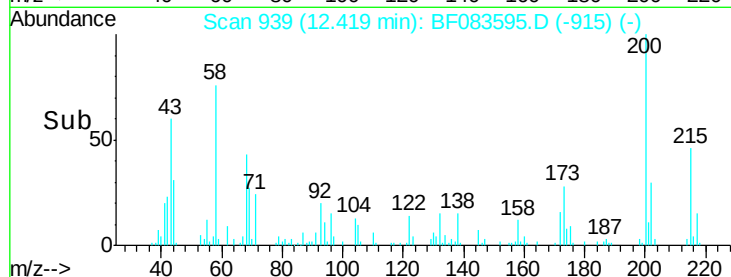
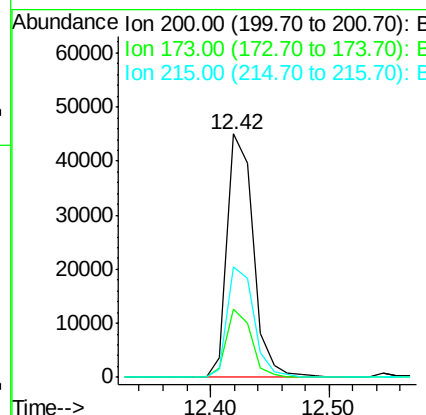
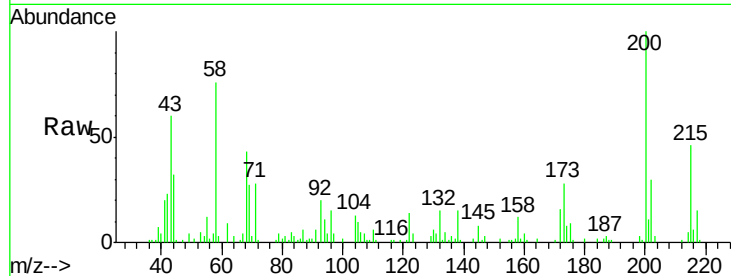
#68  
 Atrazine  
 Concen: 10.71 ng  
 RT: 12.42 min Scan# 939  
 Delta R.T. -0.02 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.2  | 7.8   | 47.8  |
| 215     | 45.6  | 25.7  | 65.7  |

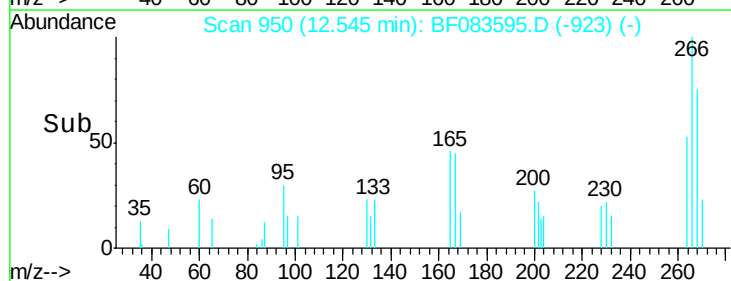
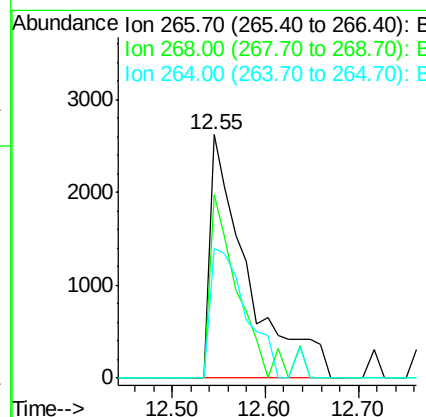
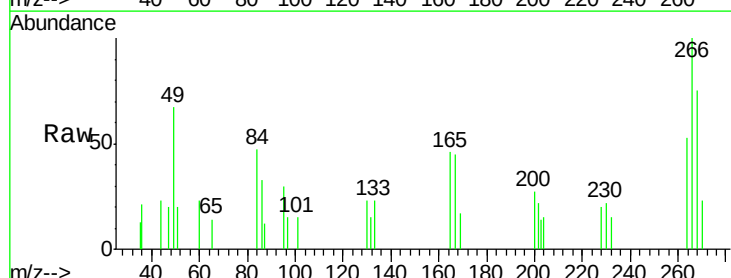
Manual Integrations  
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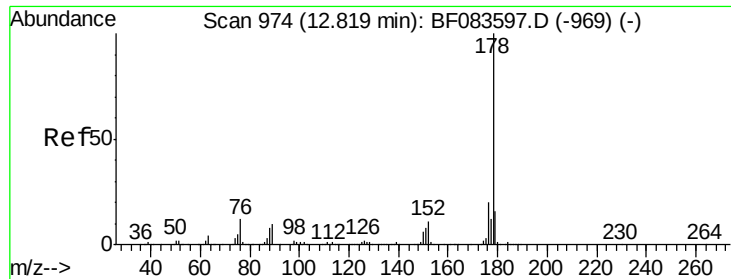
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 12/9/2015 6:13:12 PM



#69  
 Pentachlorophenol  
 Concen: 2.63 ng  
 RT: 12.55 min Scan# 950  
 Delta R.T. 0.01 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 75.2  | 50.2  | 75.2  |
| 264     | 53.2  | 51.4  | 77.2  |





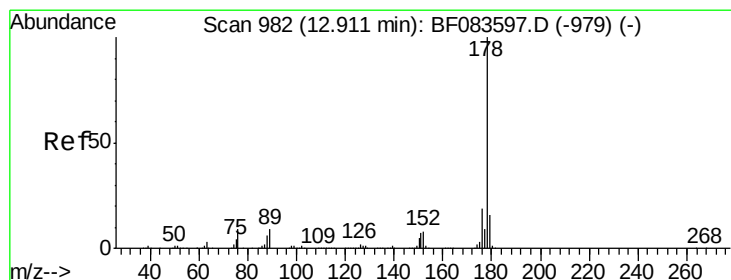
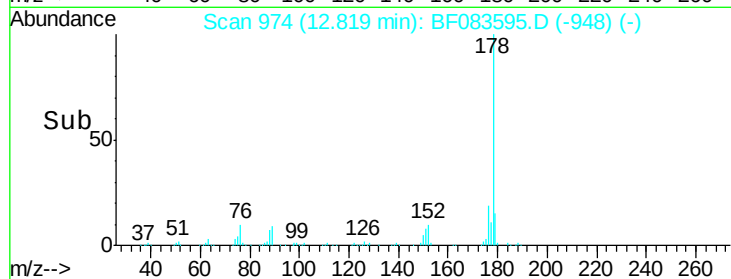
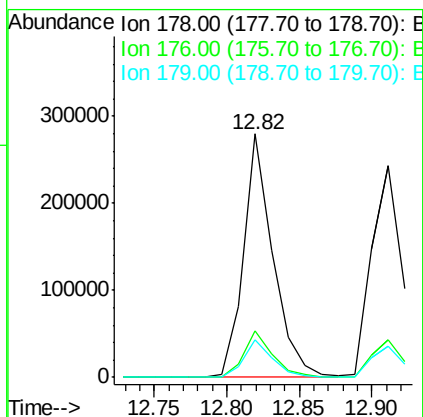
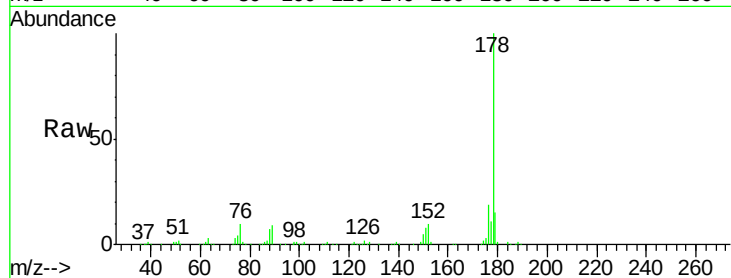
#70  
Phenanthrene  
Concen: 10.62 ng  
RT: 12.82 min Scan# 974  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.7  | 23.5  |
| 179     | 15.3  | 12.2  | 18.4  |

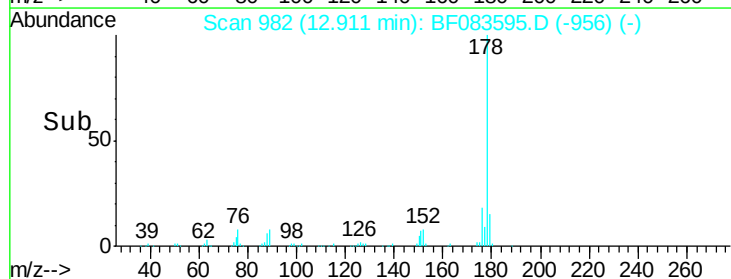
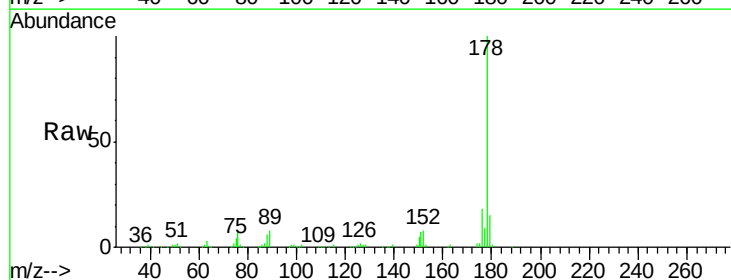
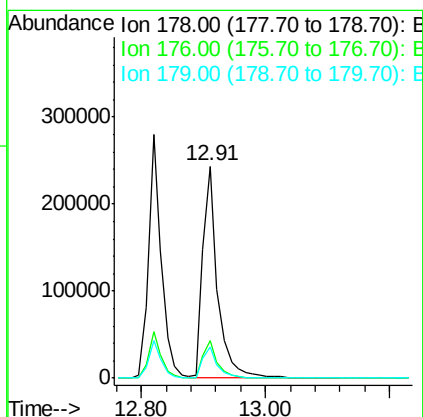
Manual Integrations  
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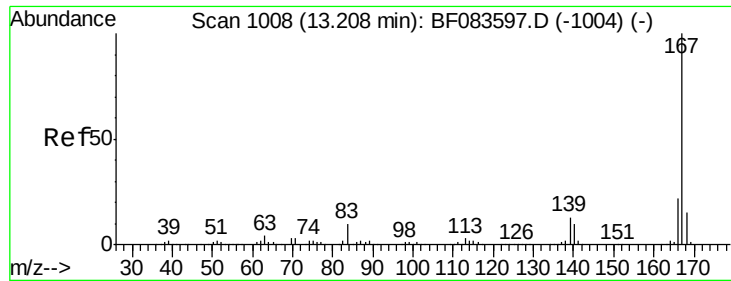
Mmdadoda  
12/9/2015 6:13:12 PM



#71  
Anthracene  
Concen: 10.76 ng  
RT: 12.91 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.8  | 15.2  | 22.8  |
| 179     | 14.9  | 12.6  | 18.8  |





#72

Carbazole

Concen: 10.75 ng

RT: 13.21 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF083595.D

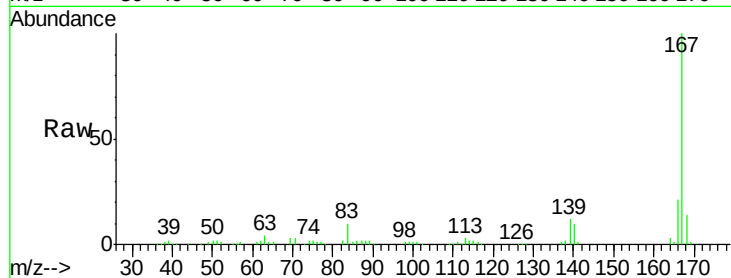
Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

ClientSampleId :

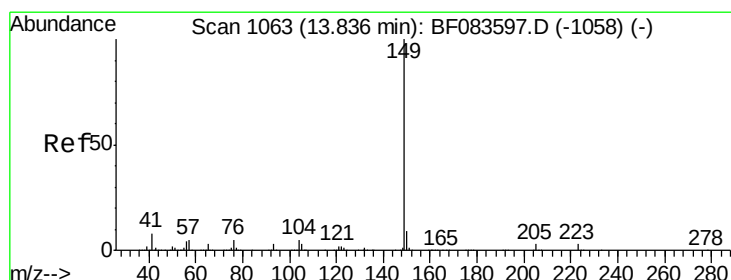
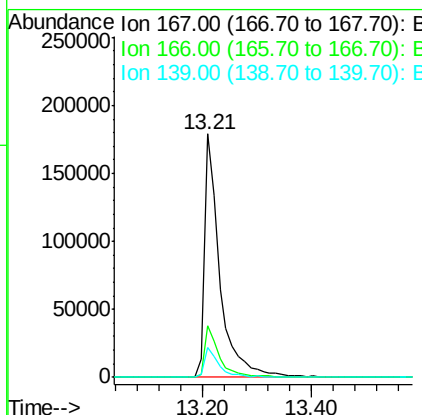
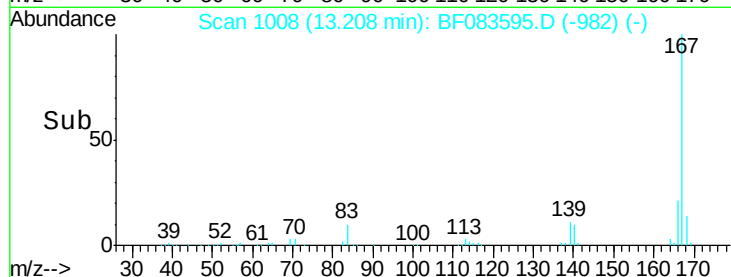
SSTDICC010



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 17.2  | 25.8  |
| 139     | 12.3  | 9.3   | 13.9  |

Manual Integrations  
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12/9/2015 6:13:12 PM



#73

Di-n-butylphthalate

Concen: 10.81 ng

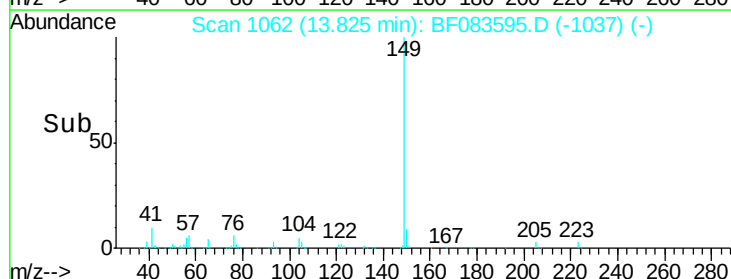
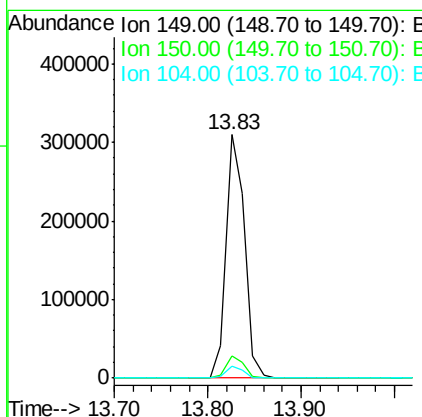
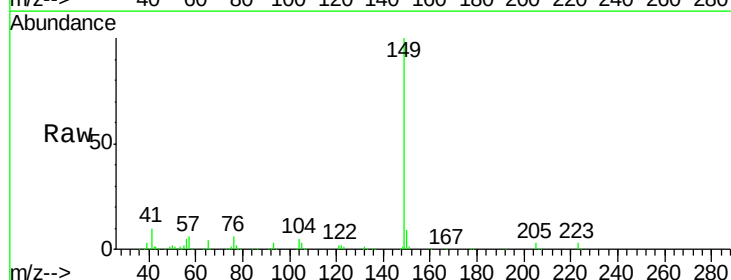
RT: 13.83 min Scan# 1062

Delta R.T. -0.01 min

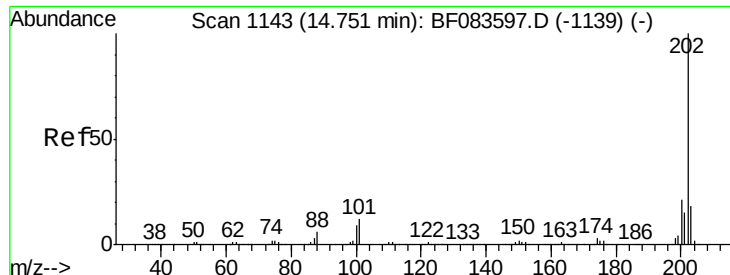
Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.0   | 7.8   | 11.6  |
| 104     | 5.0   | 3.9   | 5.9   |







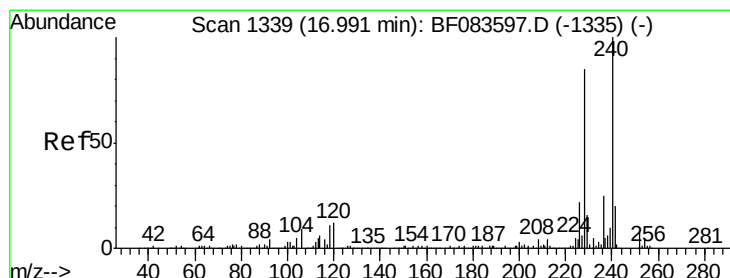
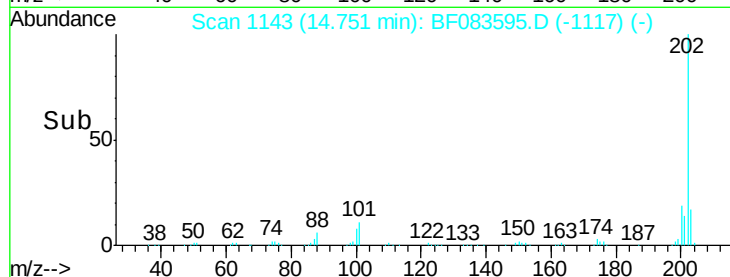
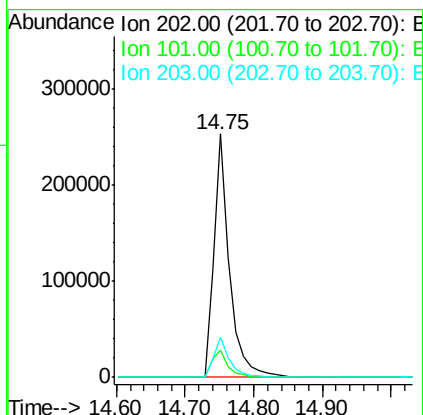
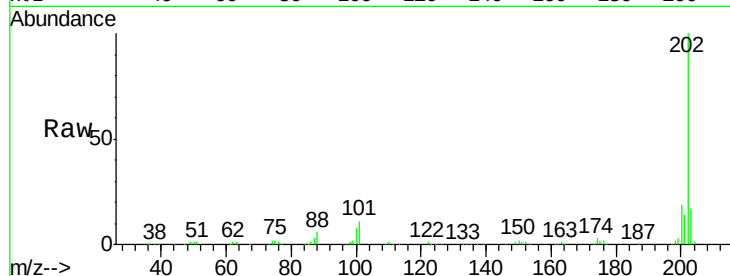
#74  
**Fluoranthene**  
 Concen: 10.99 ng  
 RT: 14.75 min Scan# 1143  
 Delta R.T. 0.00 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 11.3  | 0.0        | 31.5       |
| 203     | 16.5  | 0.0        | 37.6       |

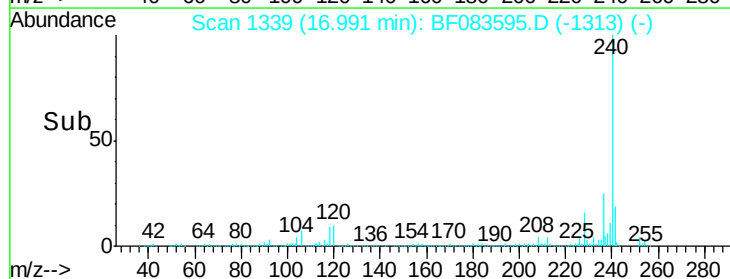
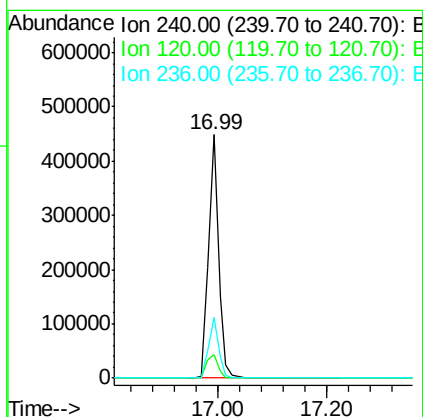
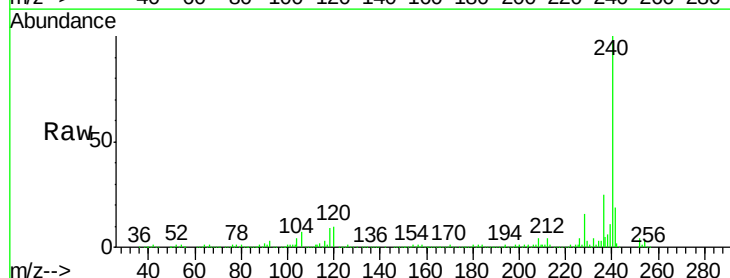
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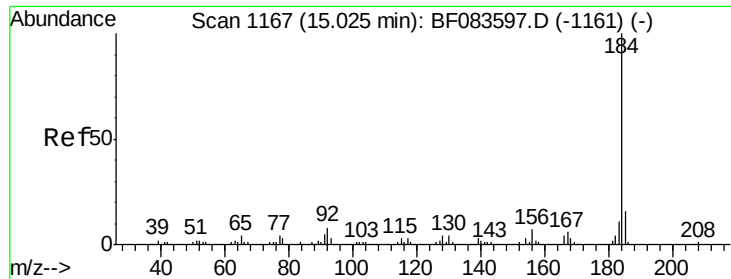
Mmdadoda  
 12/9/2015 6:13:12 PM



#75  
**Chrysene-d12**  
 Concen: 20.00 ng  
 RT: 16.99 min Scan# 1339  
 Delta R.T. 0.00 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 240     | 100   |            |            |
| 120     | 9.7   | 8.1        | 12.1       |
| 236     | 25.1  | 20.8       | 31.2       |





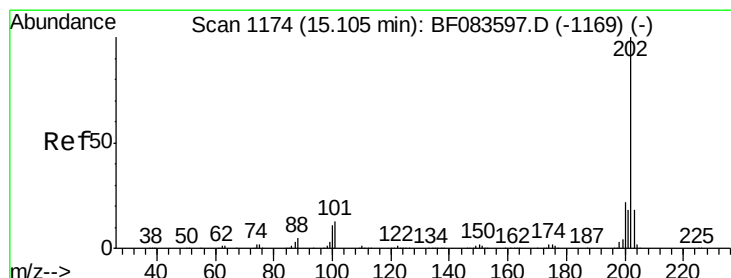
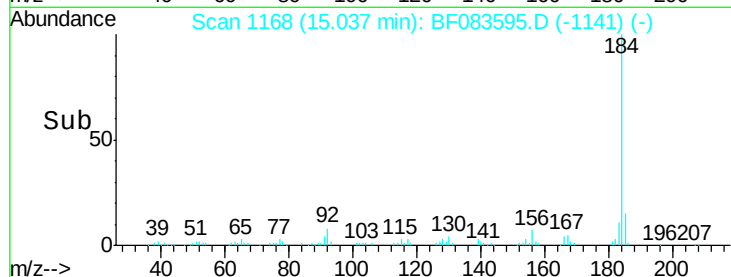
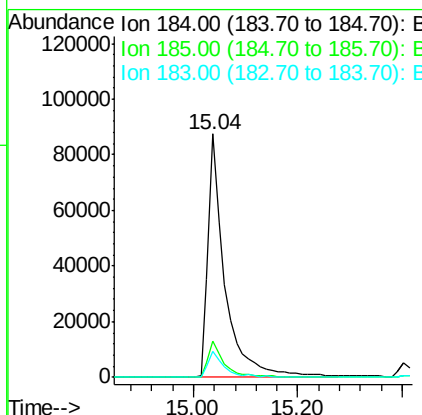
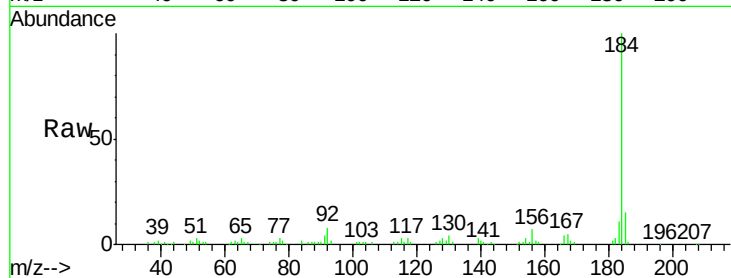
#76  
Benzidine  
Concen: 9.61 ng  
RT: 15.04 min Scan# 1168  
Delta R.T. 0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 196879 |       |       |
| 185     | 14.8  | 13.0   | 19.6  |       |
| 183     | 10.9  | 9.0    | 13.4  |       |

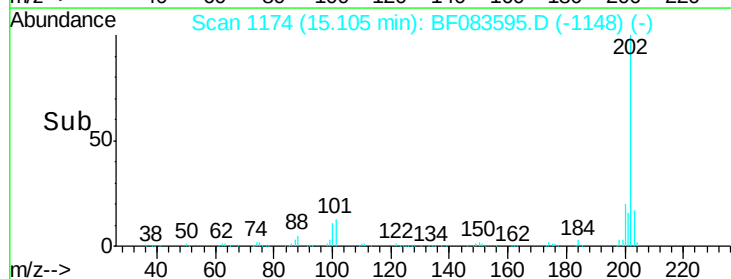
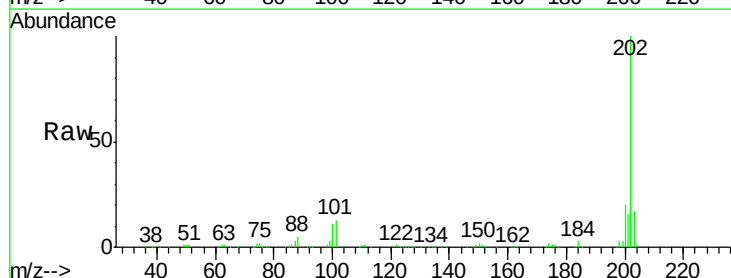
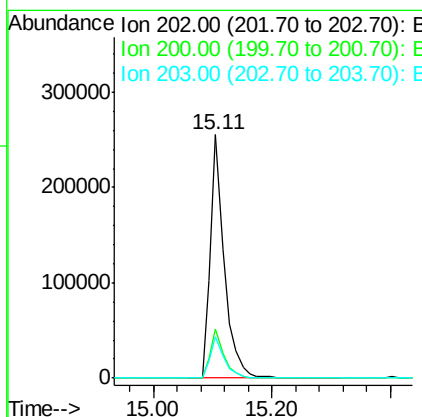
Manual Integrations  
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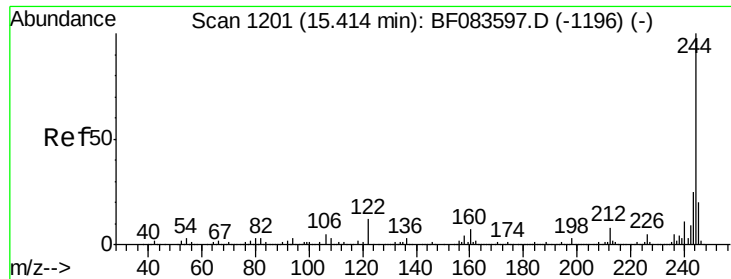
Mmdadoda  
12/9/2015 6:13:12 PM



#77  
Pyrene  
Concen: 9.65 ng  
RT: 15.11 min Scan# 1174  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 414642 |       |       |
| 200     | 20.3  | 16.7   | 25.1  |       |
| 203     | 17.1  | 14.3   | 21.5  |       |





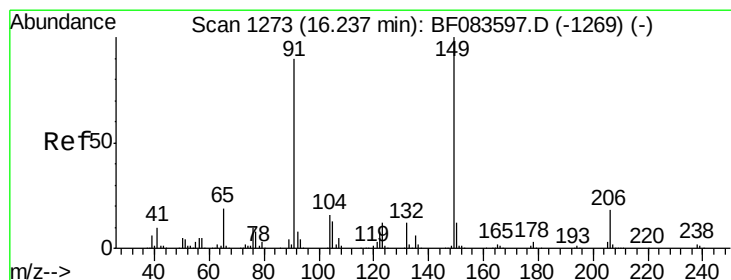
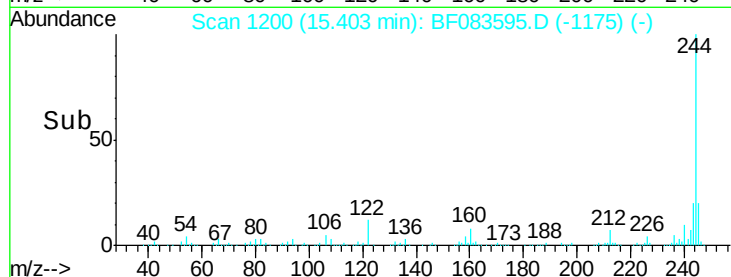
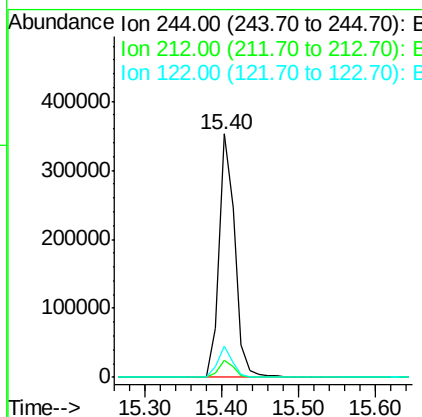
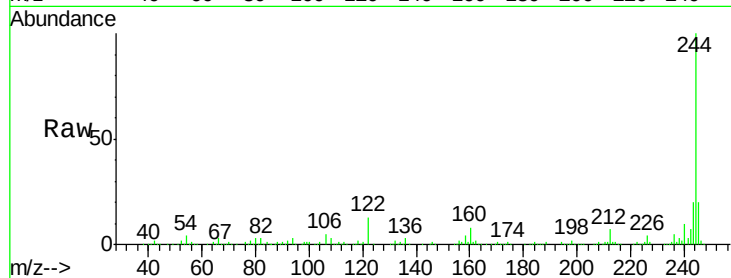
#78  
 Terphenyl-d14  
 Concen: 19.80 ng  
 RT: 15.40 min Scan# 1200  
 Delta R.T. -0.01 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 7.1   | 6.1        | 9.1        |
| 122     | 12.7  | 11.0       | 16.6       |

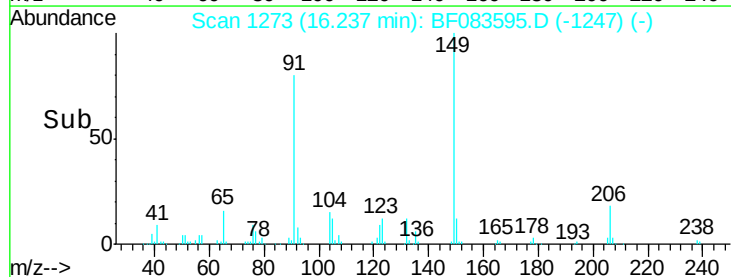
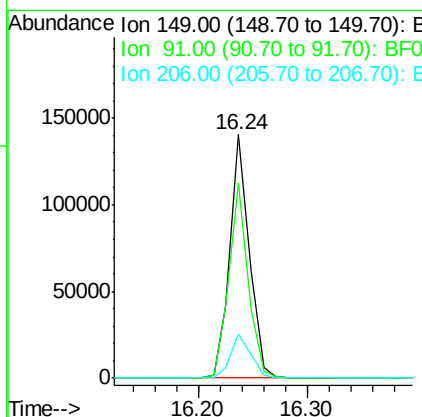
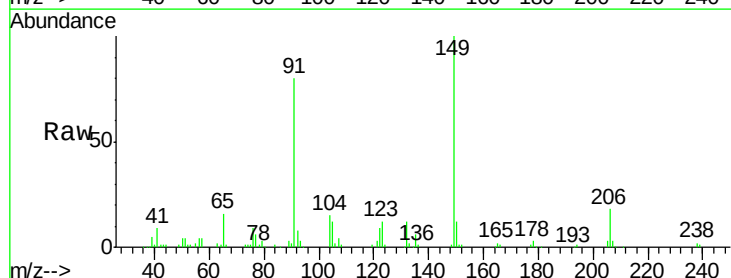
Manual Integrations  
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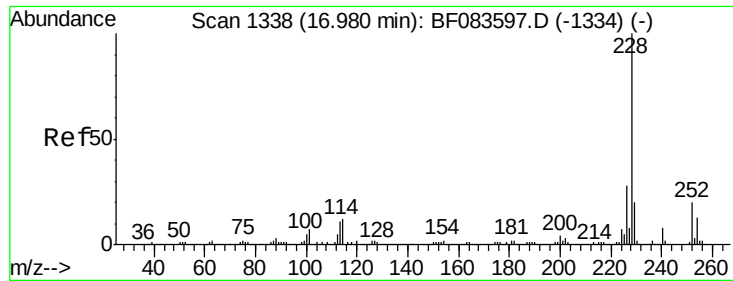
Mmdadoda  
 12/9/2015 6:13:12 PM



#79  
 Butylbenzylphthalate  
 Concen: 10.15 ng  
 RT: 16.24 min Scan# 1273  
 Delta R.T. 0.00 min  
 Lab File: BF083595.D  
 Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 80.3  | 60.0       | 90.0       |
| 206     | 18.1  | 16.2       | 24.4       |





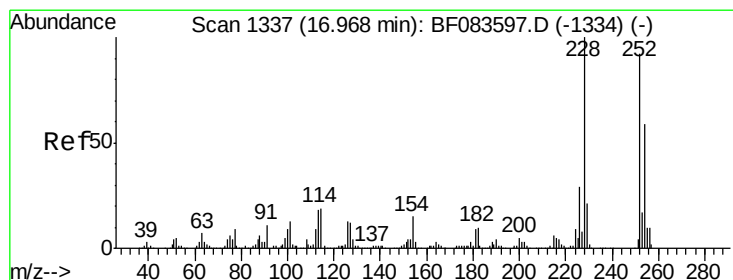
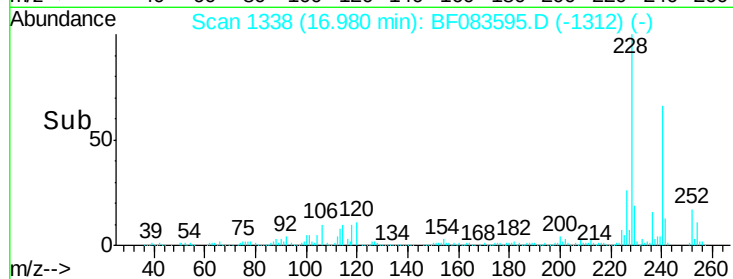
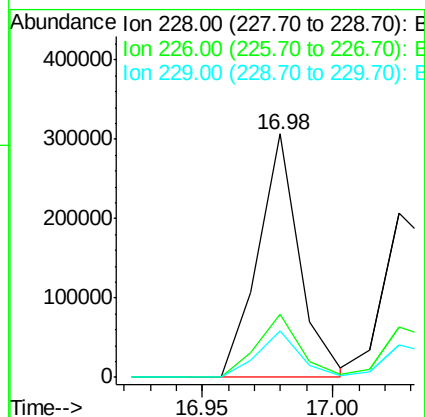
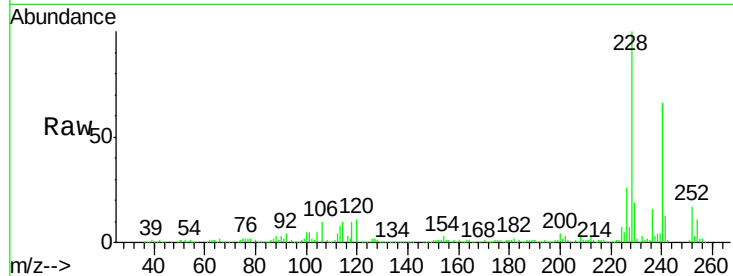
#80  
Benzo(a)anthracene  
Concen: 10.09 ng  
RT: 16.98 min Scan# 1338  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.2  | 22.3  | 33.5  |
| 229     | 19.2  | 15.7  | 23.5  |

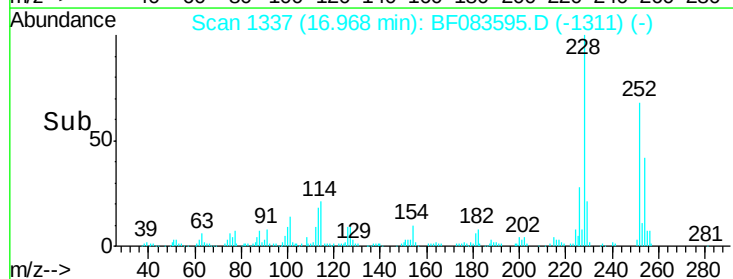
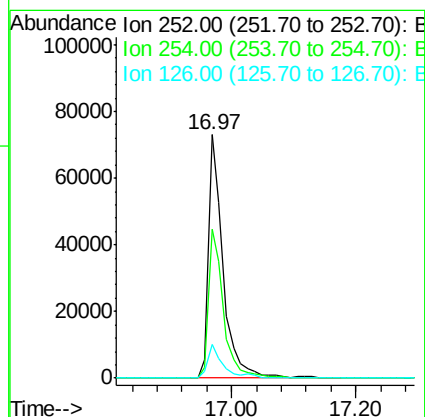
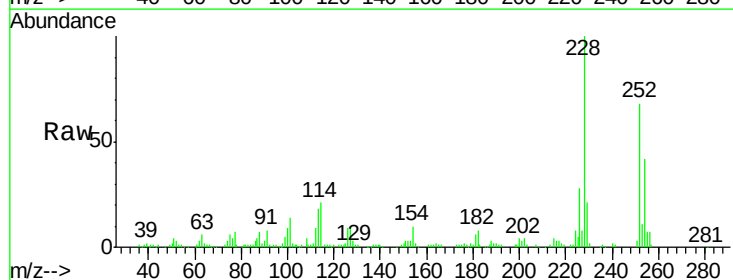
Manual Integrations  
APPROVED

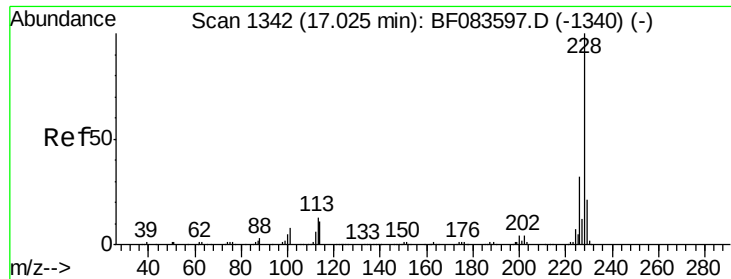
Mmdadoda  
12/9/2015 6:13:12 PM



#81  
3,3'-Dichlorobenzidine  
Concen: 10.90 ng  
RT: 16.97 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 61.2  | 50.6  | 76.0  |
| 126     | 13.6  | 11.0  | 16.4  |





#82

Chrysene

Concen: 10.45 ng

RT: 17.03 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

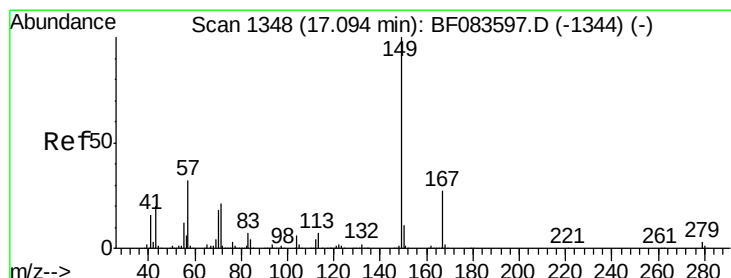
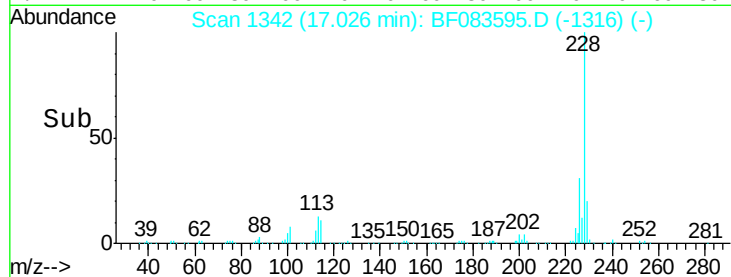
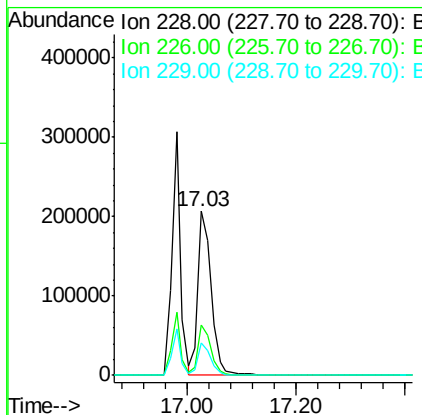
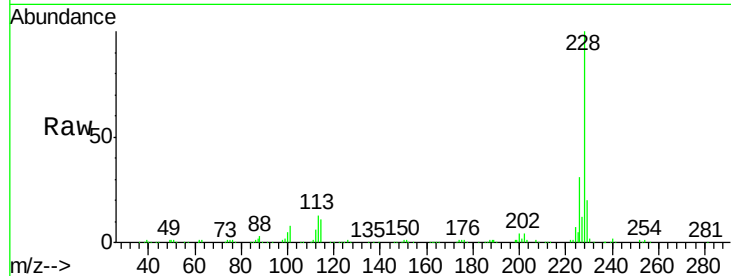
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 352528 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.0  | 24.7  | 37.1   |
| 229       | 20.0  | 16.3  | 24.5   |

Manual Integrations  
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Mmdadoda  
12/9/2015 6:13:12 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 10.72 ng

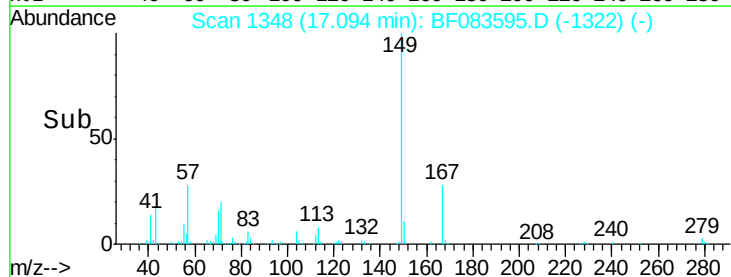
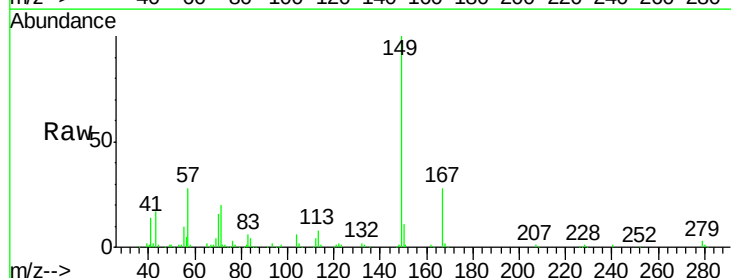
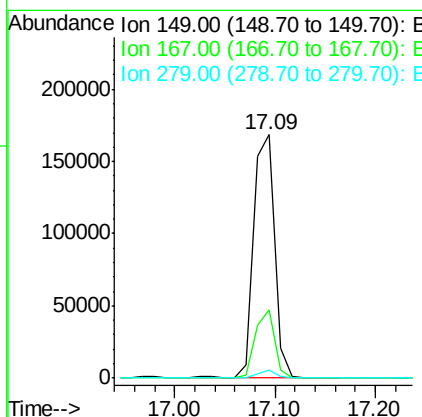
RT: 17.09 min Scan# 1348

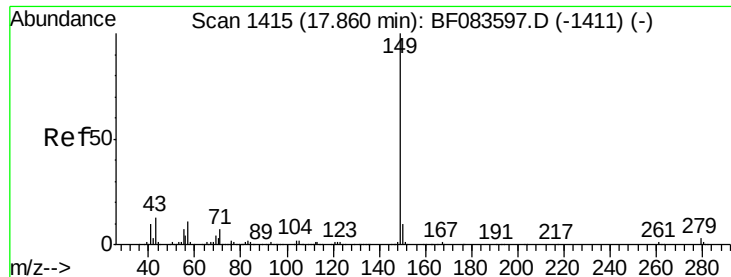
Delta R.T. 0.00 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 244599 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.9  | 21.8  | 32.8   |
| 279       | 3.5   | 3.0   | 4.4    |





#84

Di-n-octyl phthalate

Concen: 11.78 ng

RT: 17.86 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF083595.D

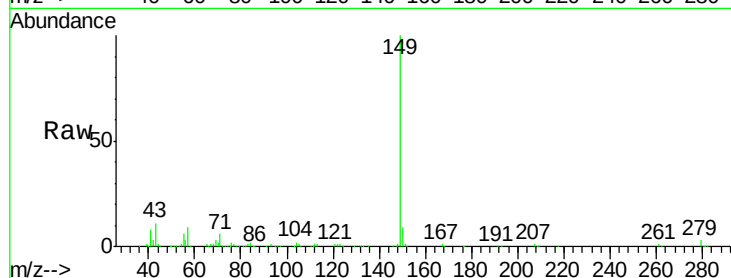
Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010



Tgt Ion:149 Resp: 387330

Ion Ratio Lower Upper

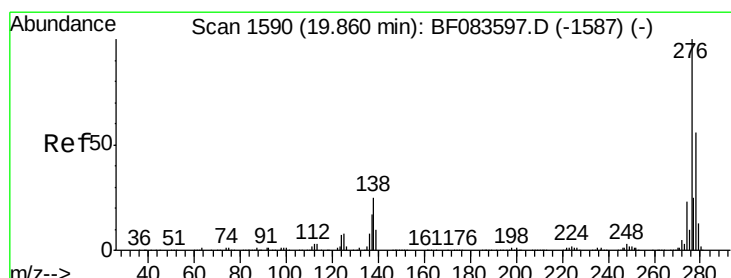
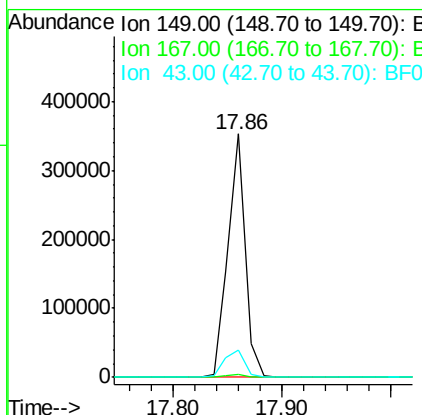
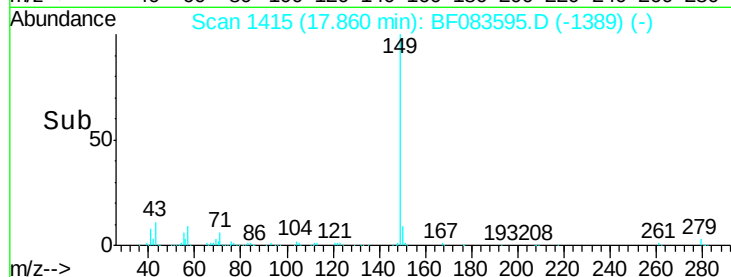
149 100

167 1.3 0.0 0.0#

43 13.2 0.0 0.0#

Manual Integrations  
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Mmdadoda  
12/9/2015 6:13:12 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 8.71 ng

RT: 19.88 min Scan# 1592

Delta R.T. 0.02 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

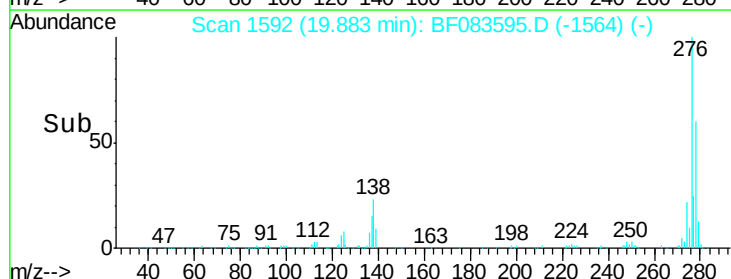
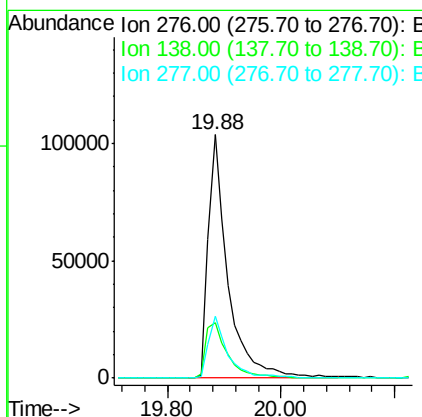
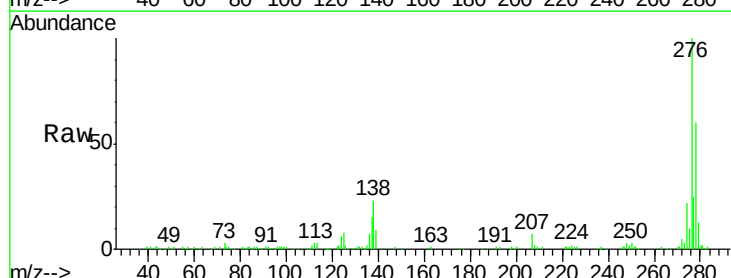
Tgt Ion:276 Resp: 242803

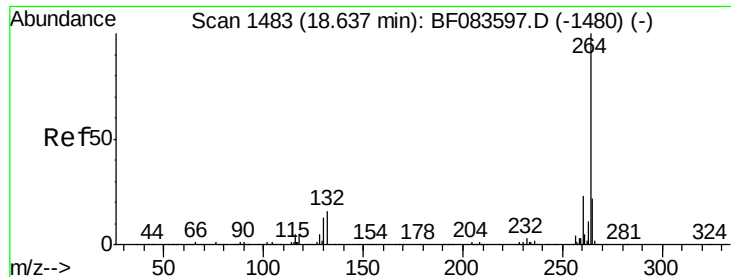
Ion Ratio Lower Upper

276 100

138 25.5 0.0 0.0#

277 24.8 0.0 0.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF083595.D

Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

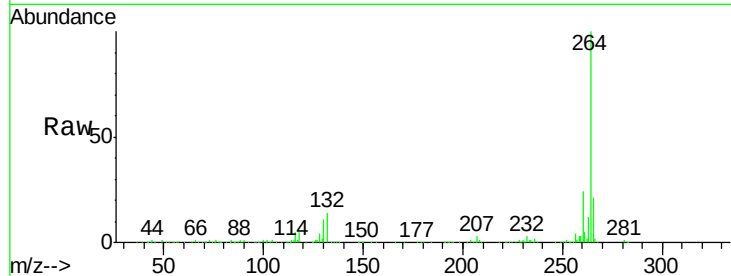
ClientSampleId :

SSTDIC010

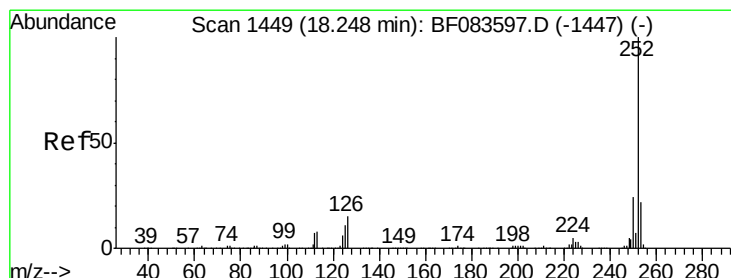
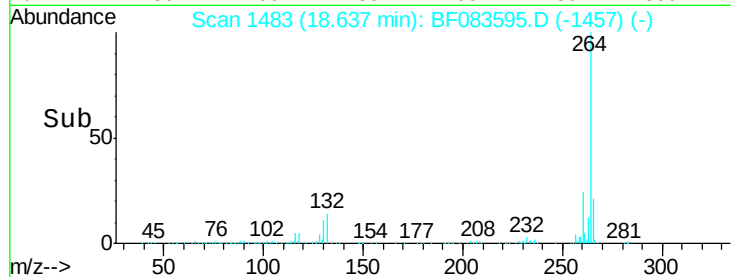
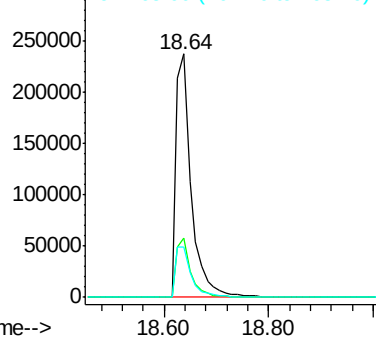
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 264  | Resp: | 479967 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 24.3 | 19.4  | 29.0   |
| 265       | 20.7 | 17.8  | 26.6   |

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Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 10.46 ng

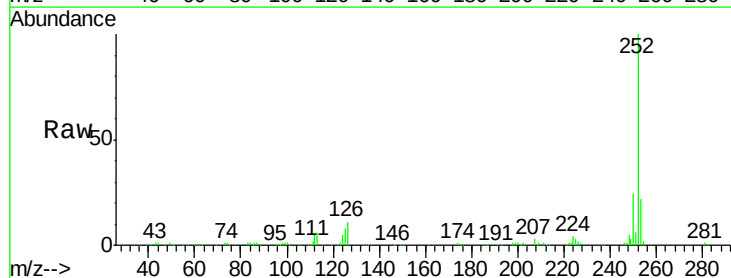
RT: 18.26 min Scan# 1450

Delta R.T. 0.01 min

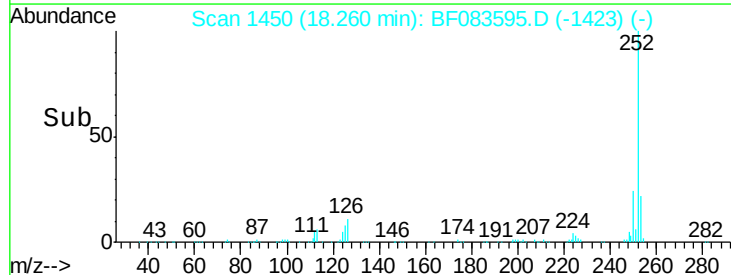
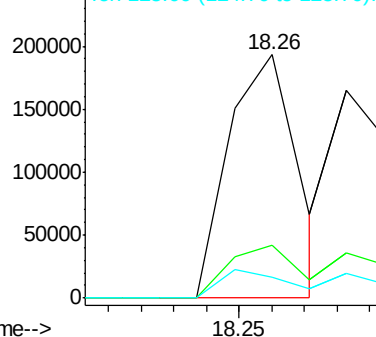
Lab File: BF083595.D

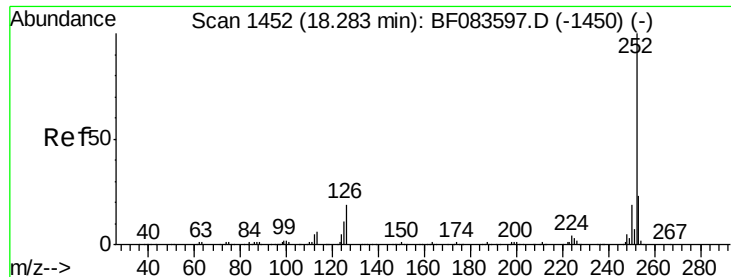
Acq: 8 Dec 2015 14:49

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 281639 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 21.6 | 18.2  | 27.4   |
| 125       | 8.3  | 8.2   | 12.4   |



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





#88

Benzo(k)fluoranthene

Concen: 10.71 ng m

RT: 18.28 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF083595.D

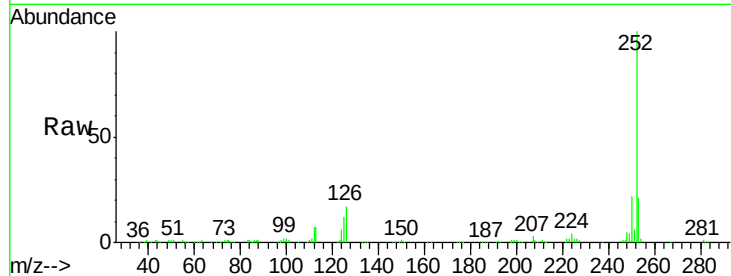
Acq: 8 Dec 2015 14:49

Instrument :

BNA\_F

ClientSampleId :

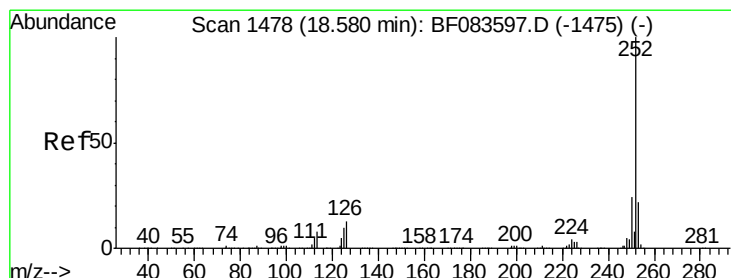
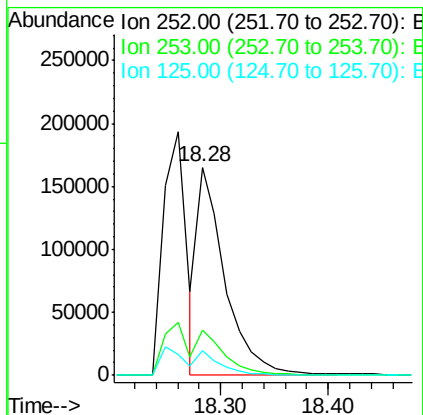
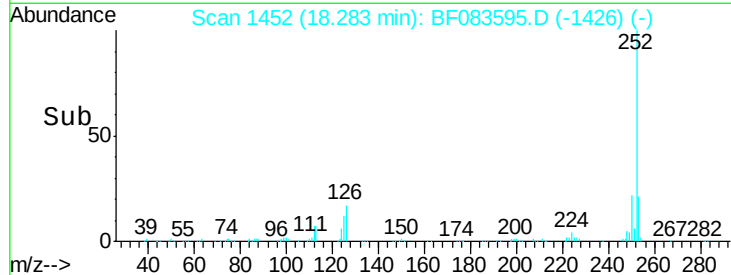
SSTDICC010



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 18.6  | 27.8  |
| 125     | 11.7  | 11.5  | 17.3  |

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#89

Benzo(a)pyrene

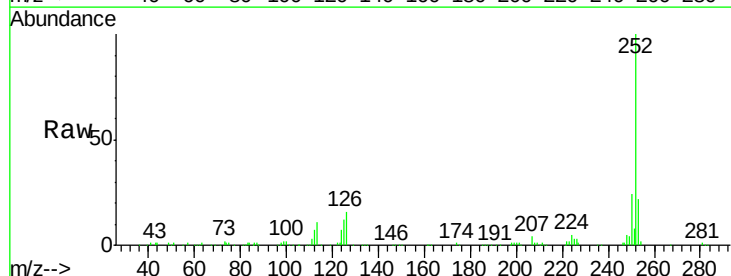
Concen: 10.57 ng

RT: 18.58 min Scan# 1478

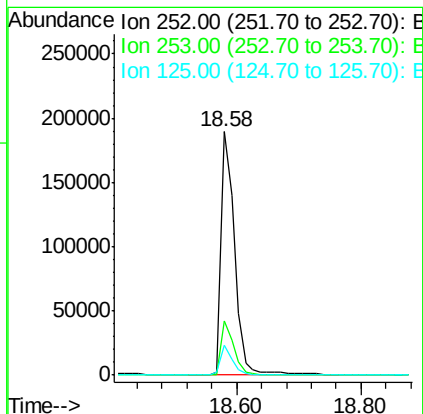
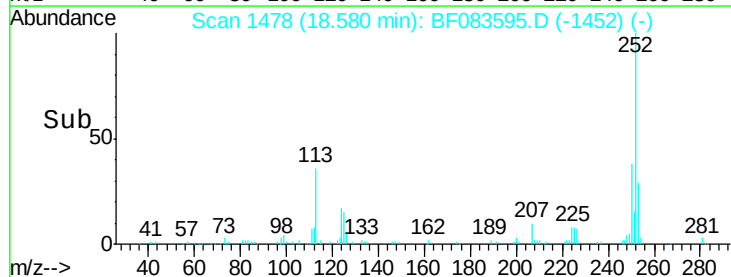
Delta R.T. 0.00 min

Lab File: BF083595.D

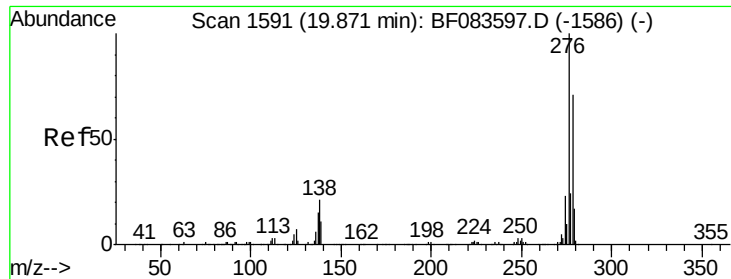
Acq: 8 Dec 2015 14:49



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.5  | 26.3  |
| 125     | 12.1  | 11.0  | 16.6  |







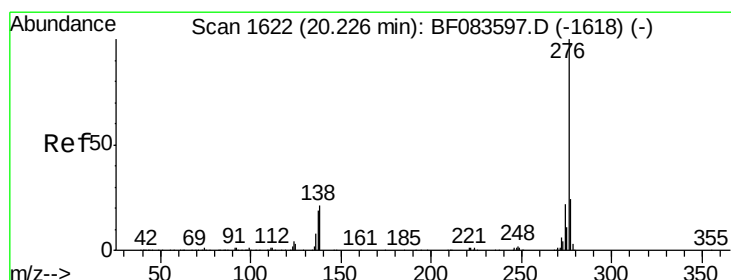
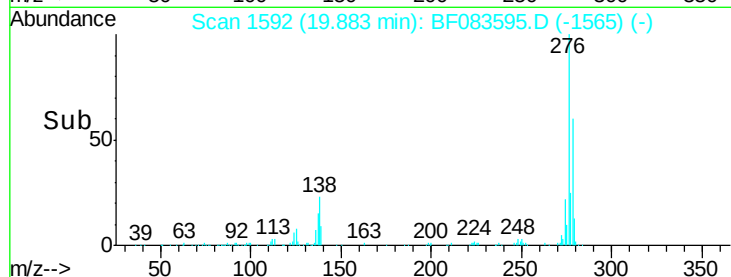
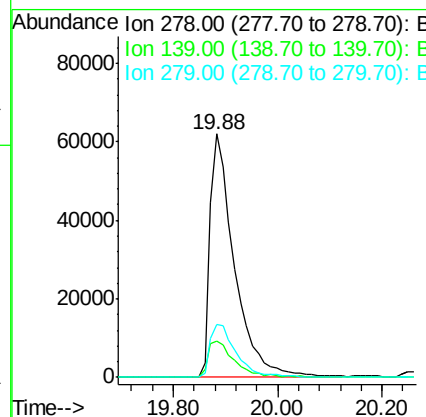
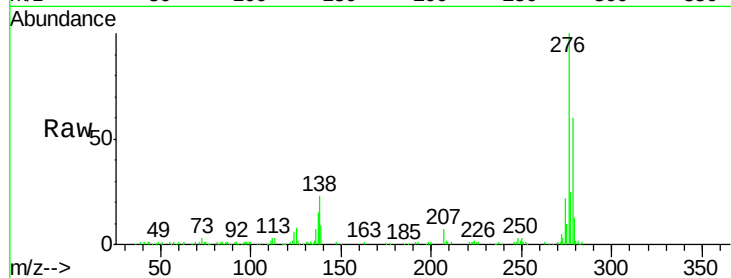
#90  
Dibenzo(a,h)anthracene  
Concen: 8.33 ng  
RT: 19.88 min Scan# 1592  
Delta R.T. 0.01 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 278     | 100   | 201989 |       |       |
| 139     | 14.7  | 12.8   | 19.2  |       |
| 279     | 21.8  | 18.6   | 28.0  |       |

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#91  
Benzo(g,h,i)perylene  
Concen: 7.85 ng  
RT: 20.25 min Scan# 1624  
Delta R.T. 0.02 min  
Lab File: BF083595.D  
Acq: 8 Dec 2015 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 191345 |       |       |
| 277     | 23.2  | 19.2   | 28.8  |       |
| 138     | 22.7  | 19.5   | 29.3  |       |

