

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF120815\  
 Data File : BF083596.D  
 Acq On : 8 Dec 2015 15:19  
 Operator : UM/IZ  
 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Manual Integrations  
 APPROVED

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 12/9/2015 6:13:13 PM

Quant Time: Dec 08 17:37:22 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  | 170143   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.60  | 136  | 664833   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.38 | 164  | 329433   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.79 | 188  | 627131   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.99 | 240  | 529281   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 18.64 | 264  | 441130   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 3.98  | 112 | 590395  | 52.49 | ng | 0.01  |
| 7) Phenol-d6             | 5.26  | 99  | 790535  | 51.14 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 6.53  | 82  | 734372  | 51.77 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 11.68 | 330 | 154271  | 50.88 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.34  | 172 | 1215744 | 50.33 | ng | 0.00  |
| 78) Terphenyl-d14        | 15.41 | 244 | 1150445 | 49.02 | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.81 | 88  | 149101  | 25.62 | ng | 94     |
| 3) Pyridine                    | 2.28 | 79  | 317901  | 23.03 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.24 | 42  | 183271  | 25.92 | ng | 91     |
| 6) Aniline                     | 5.25 | 93  | 488450  | 24.43 | ng | 88     |
| 8) 2-Chlorophenol              | 5.42 | 128 | 319653  | 25.64 | ng | 93     |
| 9) Benzaldehyde                | 5.10 | 77  | 222376  | 25.39 | ng | 98     |
| 10) Phenol                     | 5.29 | 94  | 468909  | 25.65 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 5.36 | 93  | 318428  | 23.72 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 5.61 | 146 | 345770m | 24.96 | ng |        |
| 13) 1,4-Dichlorobenzene        | 5.72 | 146 | 357913  | 25.30 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 5.94 | 146 | 339236  | 26.00 | ng | 99     |
| 15) Benzyl Alcohol             | 5.95 | 79  | 284084  | 26.41 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.12 | 45  | 626744  | 25.11 | ng | # 61   |
| 17) 2-Methylphenol             | 6.14 | 107 | 256988  | 24.90 | ng | 92     |
| 18) Hexachloroethane           | 6.41 | 117 | 127877  | 25.79 | ng | # 85   |
| 19) n-Nitroso-di-n-propylamine | 6.33 | 70  | 264954  | 25.63 | ng | # 89   |
| 20) 3+4-Methylphenols          | 6.38 | 107 | 331576  | 24.93 | ng | 99     |
| 22) Acetophenone               | 6.32 | 105 | 467360  | 24.45 | ng | 98     |
| 24) Nitrobenzene               | 6.56 | 77  | 400296  | 25.53 | ng | 99     |
| 25) Isophorone                 | 6.93 | 82  | 704204  | 25.76 | ng | 98     |
| 26) 2-Nitrophenol              | 7.05 | 139 | 162937  | 26.31 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.16 | 122 | 283832  | 26.04 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.29 | 93  | 398989  | 26.23 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.45 | 162 | 256301  | 25.99 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.53 | 180 | 278948  | 25.60 | ng | 97     |
| 31) Naphthalene                | 7.63 | 128 | 904835  | 25.66 | ng | 99     |
| 32) Benzoic acid               | 7.47 | 122 | 157732  | 26.91 | ng | 97     |
| 33) 4-Chloroaniline            | 7.77 | 127 | 332207  | 24.23 | ng | 96     |
| 34) Hexachlorobutadiene        | 7.84 | 225 | 166088  | 25.79 | ng | 97     |
| 35) Caprolactam                | 8.36 | 113 | 78715   | 25.11 | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 8.61 | 107 | 281077  | 25.32 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.73 | 142 | 563628  | 25.75 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 276422  | 25.48 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 8.98 | 237 | 18902   | 6.50  | ng | 100    |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Manual Integrations  
 APPROVED

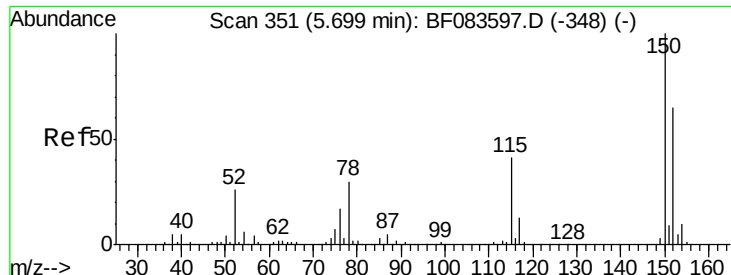
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 12/9/2015 6:13:13 PM

Quant Time: Dec 08 17:37:22 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) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.23  | 196  | 163911   | 24.24 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.32  | 196  | 161453   | 23.22 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.49  | 154  | 743815   | 25.49 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.50  | 162  | 560492   | 25.45 | ng    | 96       |
| 47) 2-Nitroaniline             | 9.72  | 65   | 199692   | 25.41 | ng    | 94       |
| 48) Acenaphthylene             | 10.16 | 152  | 922336   | 25.58 | ng    | 99       |
| 49) Dimethylphthalate          | 10.04 | 163  | 658202   | 25.30 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 10.12 | 165  | 138975   | 25.45 | ng    | 93       |
| 51) Acenaphthene               | 10.44 | 154  | 519754   | 24.99 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.40 | 138  | 147881   | 25.00 | ng    | 95       |
| 53) 2,4-Dinitrophenol          | 10.64 | 184  | 53900    | 22.83 | ng    | 96       |
| 54) Dibenzofuran               | 10.73 | 168  | 724949   | 25.12 | ng    | 98       |
| 55) 4-Nitrophenol              | 10.84 | 139  | 61476    | 19.24 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.80 | 165  | 190167   | 26.43 | ng    | # 76     |
| 57) Fluorene                   | 11.28 | 166  | 639774   | 25.59 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.97 | 232  | 128496   | 24.55 | ng    | # 100    |
| 59) Diethylphthalate           | 11.19 | 149  | 648704   | 25.96 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 11.30 | 204  | 300166   | 24.96 | ng    | 97       |
| 61) 4-Nitroaniline             | 11.40 | 138  | 139323   | 26.06 | ng    | 94       |
| 62) Azobenzene                 | 11.56 | 77   | 751073   | 27.78 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 11.46 | 198  | 99107    | 24.79 | ng    | 81       |
| 65) n-Nitrosodiphenylamine     | 11.52 | 169  | 519590   | 25.06 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.09 | 248  | 176897   | 25.74 | ng    | 98       |
| 67) Hexachlorobenzene          | 12.17 | 284  | 186492   | 25.41 | ng    | # 87     |
| 68) Atrazine                   | 12.43 | 200  | 157298   | 25.04 | ng    | 99       |
| 69) Pentachlorophenol          | 12.53 | 266  | 35119    | 12.78 | ng    | 98       |
| 70) Phenanthrene               | 12.82 | 178  | 905844   | 24.92 | ng    | 100      |
| 71) Anthracene                 | 12.91 | 178  | 956806   | 25.75 | ng    | 99       |
| 72) Carbazole                  | 13.21 | 167  | 816362   | 25.60 | ng    | 99       |
| 73) Di-n-butylphthalate        | 13.84 | 149  | 1039175  | 26.85 | ng    | 99       |
| 74) Fluoranthene               | 14.75 | 202  | 948510   | 26.21 | ng    | 99       |
| 76) Benzidine                  | 15.03 | 184  | 469087   | 25.04 | ng    | 99       |
| 77) Pyrene                     | 15.11 | 202  | 974784   | 24.82 | ng    | 99       |
| 79) Butylbenzylphthalate       | 16.24 | 149  | 428643   | 27.35 | ng    | 93       |
| 80) Benzo(a)anthracene         | 16.98 | 228  | 788202   | 25.54 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 16.97 | 252  | 283253   | 28.43 | ng    | 97       |
| 82) Chrysene                   | 17.03 | 228  | 792826   | 25.71 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 17.09 | 149  | 597596   | 28.65 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 17.86 | 149  | 931890   | 30.99 | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 19.87 | 276  | 535655   | 21.01 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 18.25 | 252  | 607040m  | 24.53 | ng    |          |
| 88) Benzo(k)fluoranthene       | 18.28 | 252  | 697021m  | 27.07 | ng    |          |
| 89) Benzo(a)pyrene             | 18.58 | 252  | 587099   | 24.43 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 19.87 | 278  | 452670   | 20.31 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 20.23 | 276  | 425898   | 19.01 | ng    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

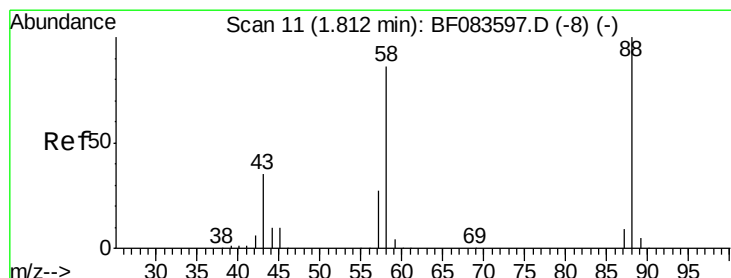
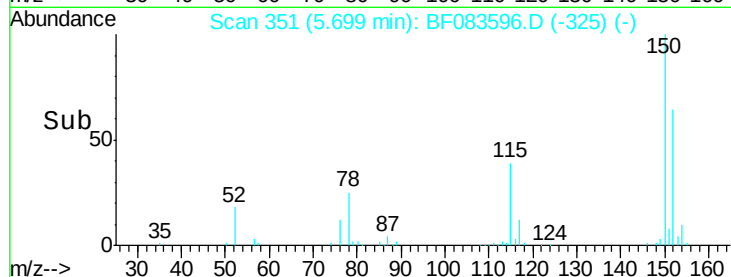
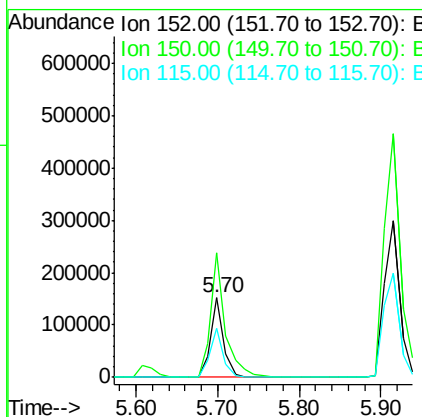
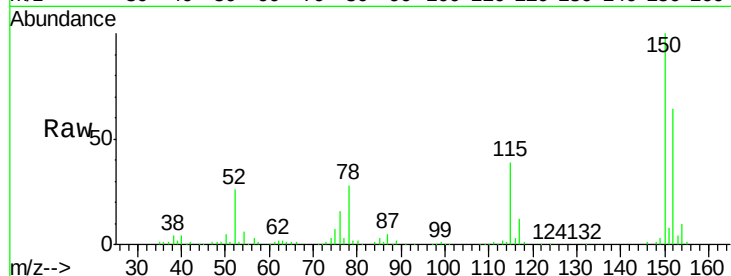
ClientSampleId :

SSTDICC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 170143 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 157.4 | 126.5 | 189.7  |
| 115       | 61.3  | 52.3  | 78.5   |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 25.62 ng

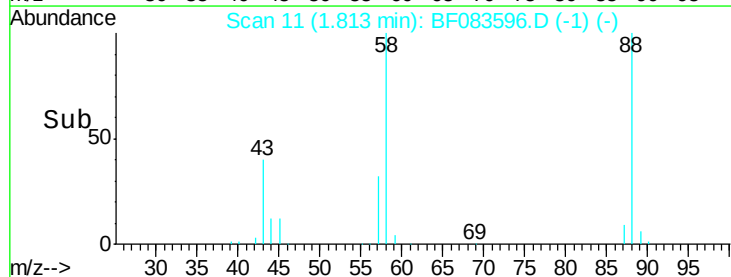
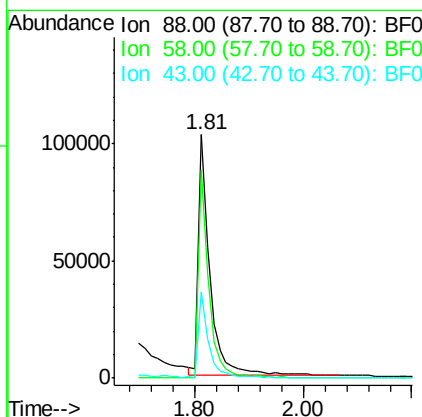
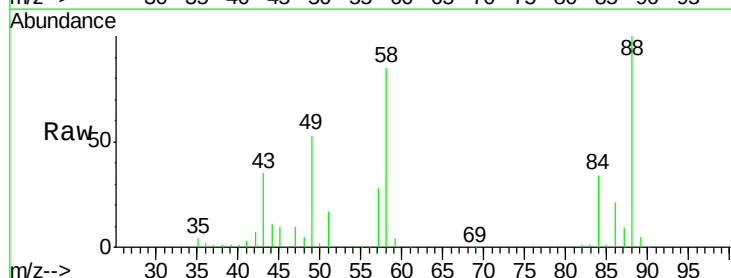
RT: 1.81 min Scan# 11

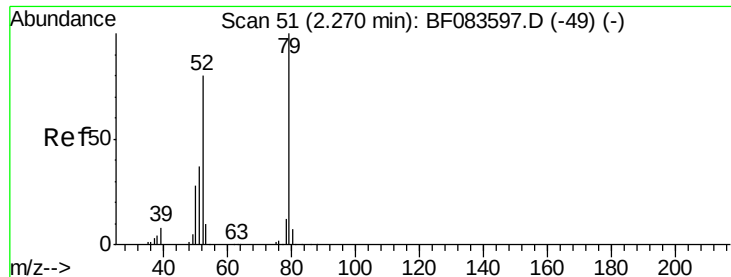
Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 149101 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 77.8  | 68.0  | 102.0  |
| 43        | 33.7  | 27.9  | 41.9   |





#3

Pyridine

Concen: 23.03 ng

RT: 2.28 min Scan# 52

Delta R.T. 0.01 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

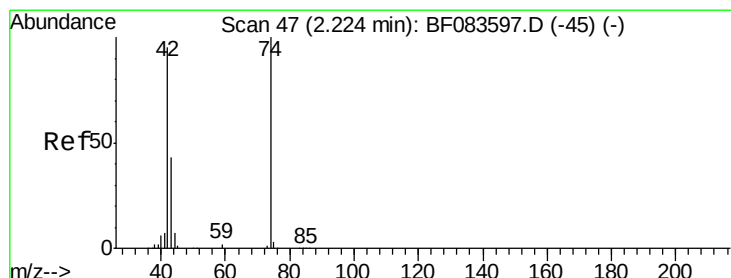
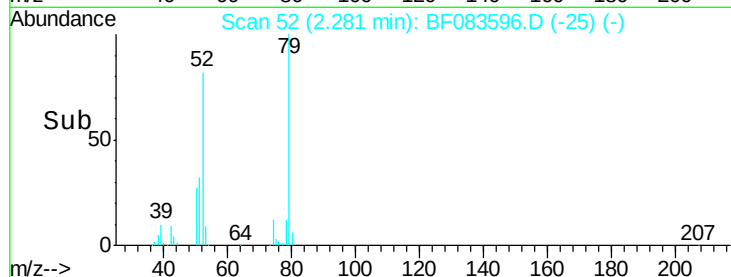
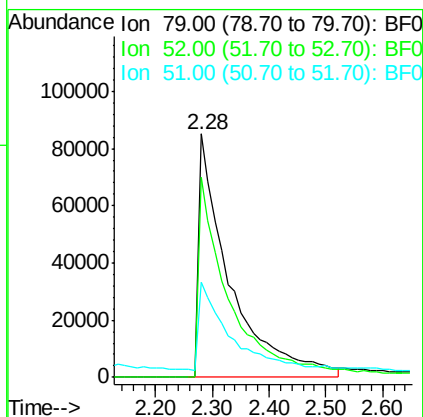
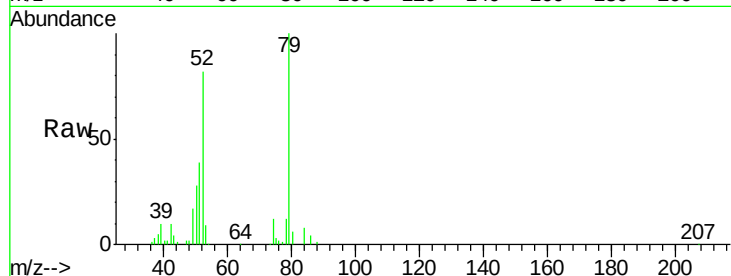
ClientSampleId :

SSTDIC025

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 317901 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 82.3  | 63.7  | 95.5   |
| 51       | 39.1  | 30.6  | 45.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 25.92 ng

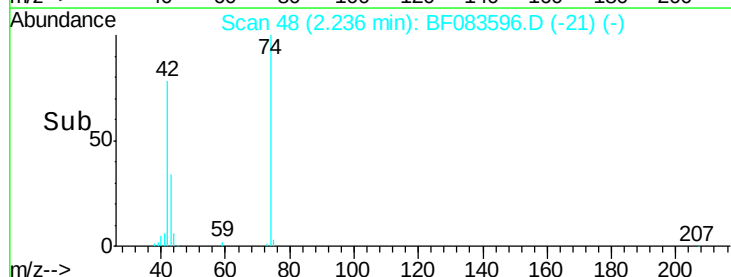
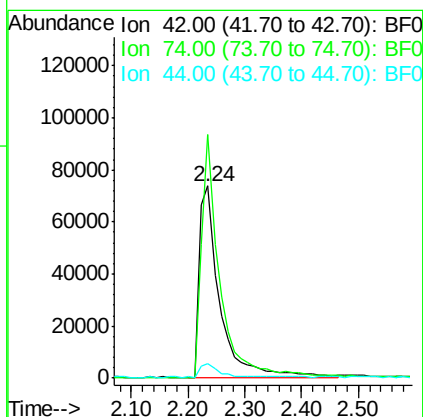
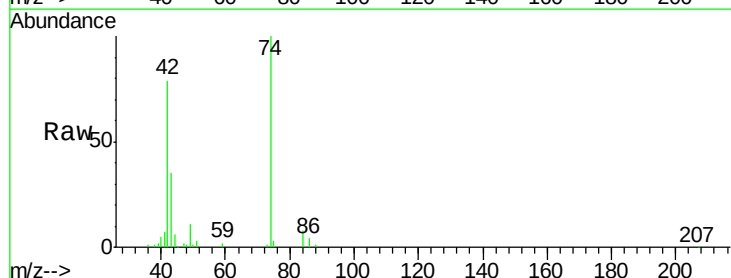
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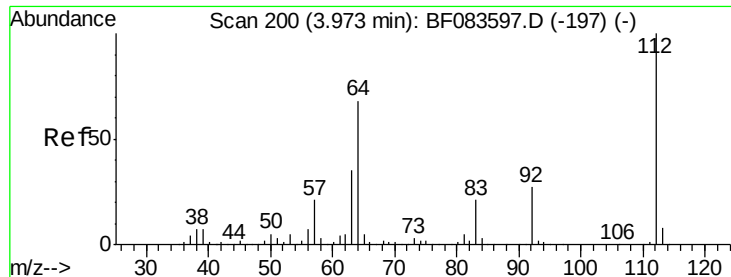
Delta R.T. 0.01 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 183271 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 126.7 | 92.9  | 139.3  |
| 44       | 7.7   | 5.7   | 8.5    |





#5

2-Fluorophenol

Concen: 52.49 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083596.D

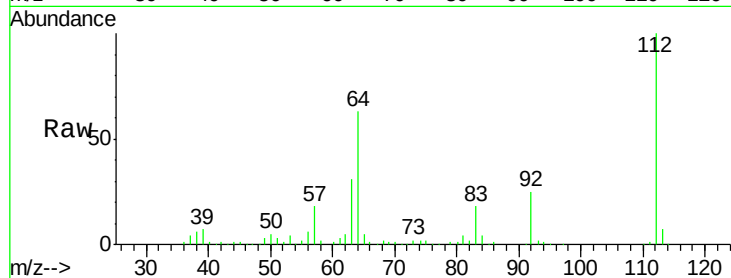
Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

ClientSampleId :

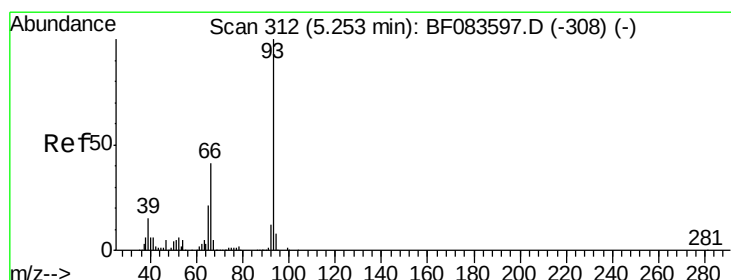
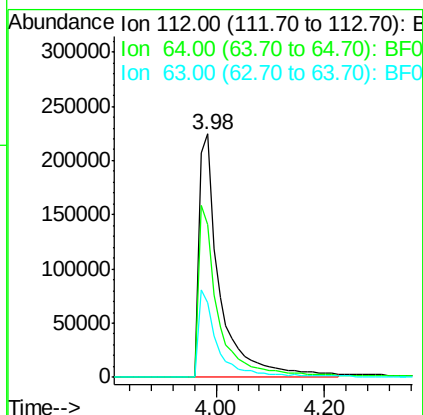
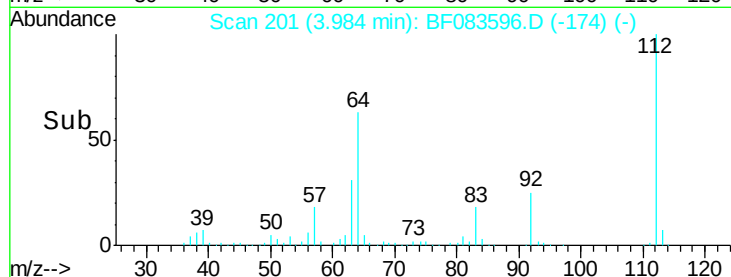
SSTDICC025



| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 590395 |       |       |
| 64      | 62.7 | 50.5  | 75.7   |       |       |
| 63      | 30.8 | 25.8  | 38.6   |       |       |

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#6

Aniline

Concen: 24.43 ng

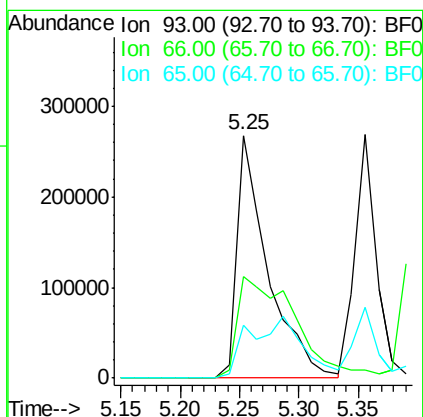
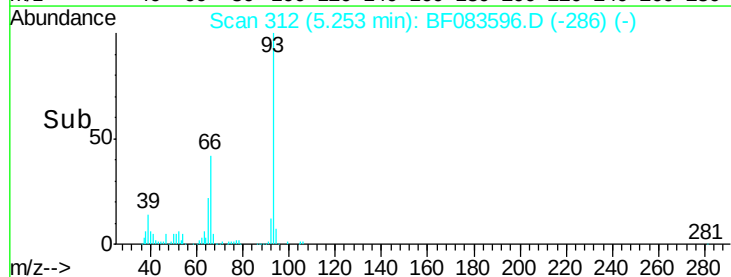
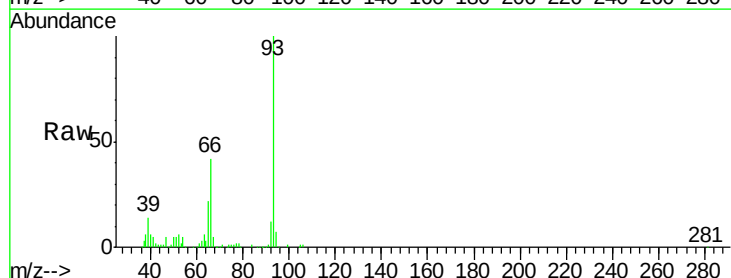
RT: 5.25 min Scan# 312

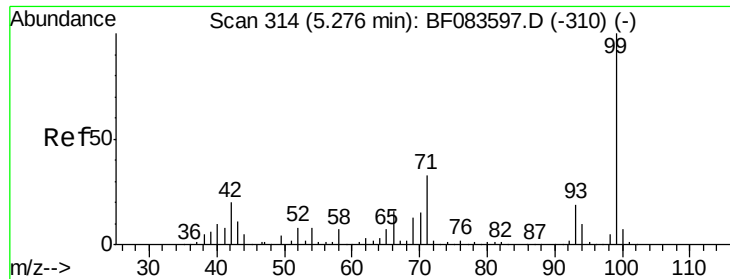
Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 488450 |       |       |
| 66      | 42.1 | 41.3  | 61.9   |       |       |
| 65      | 21.9 | 20.8  | 31.2   |       |       |





#7

Phenol-d6

Concen: 51.14 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

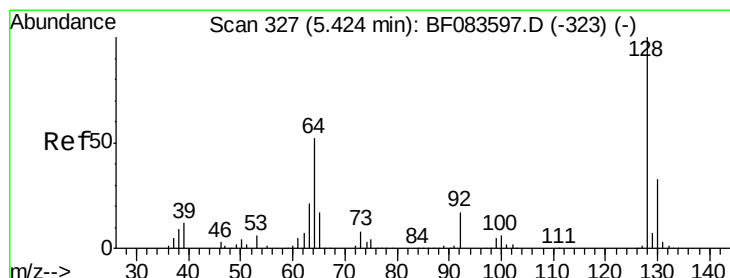
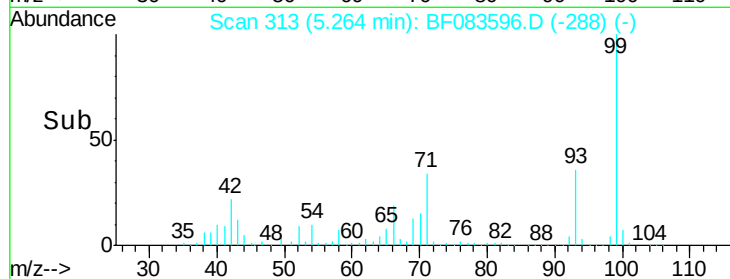
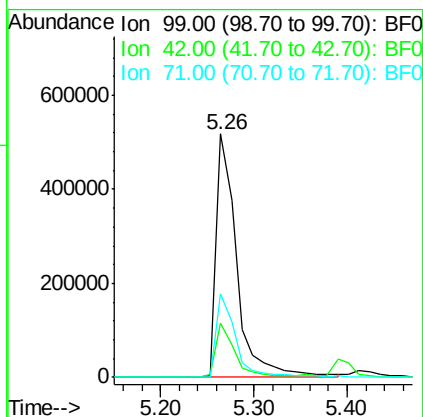
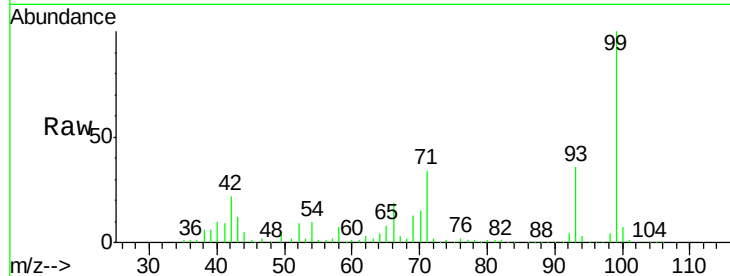
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 790535 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 22.0  | 17.3  | 25.9   |
| 71        | 34.4  | 26.6  | 40.0   |

Manual Integrations  
APPROVED

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12/9/2015 6:13:13 PM



#8

2-Chlorophenol

Concen: 25.64 ng

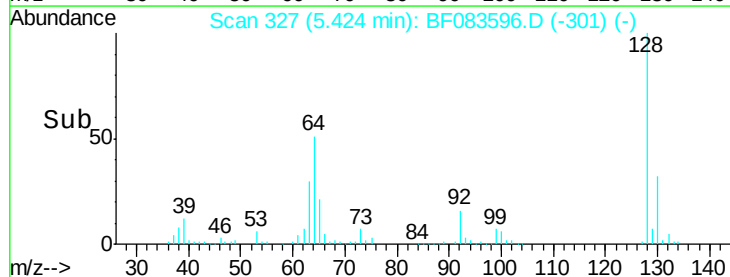
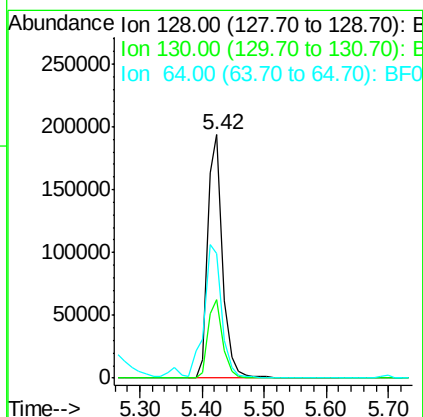
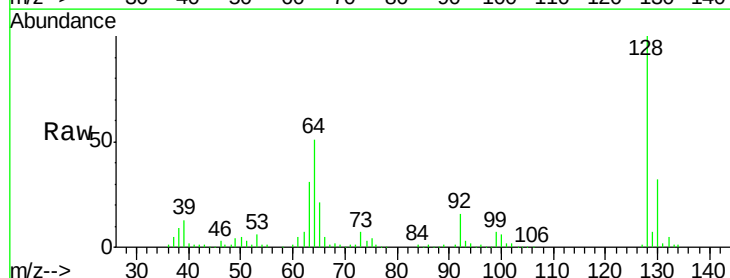
RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

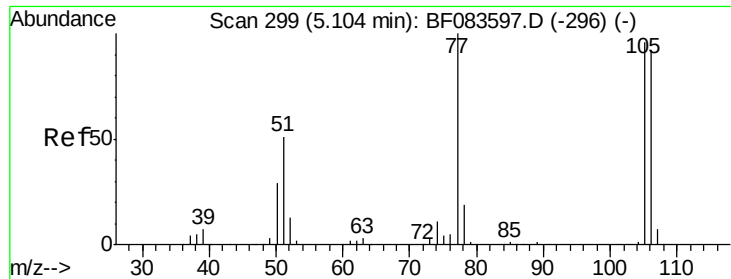
Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 319653 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.2  | 12.6  | 52.6   |
| 64        | 51.2  | 38.6  | 78.6   |







#9

Benzaldehyde

Concen: 25.39 ng

RT: 5.10 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

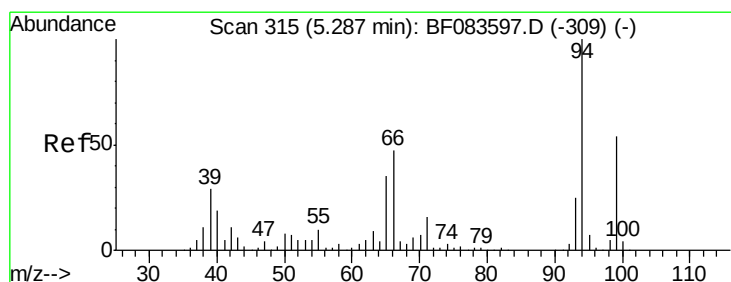
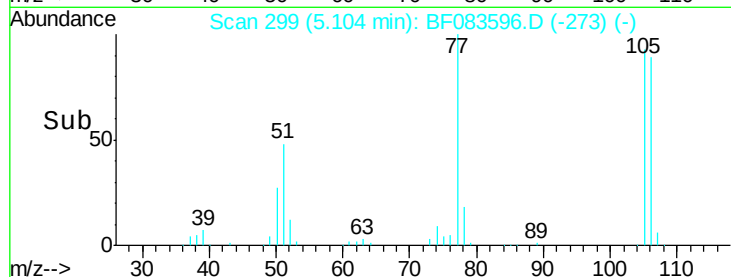
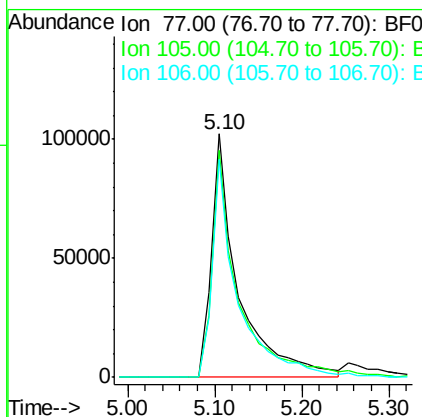
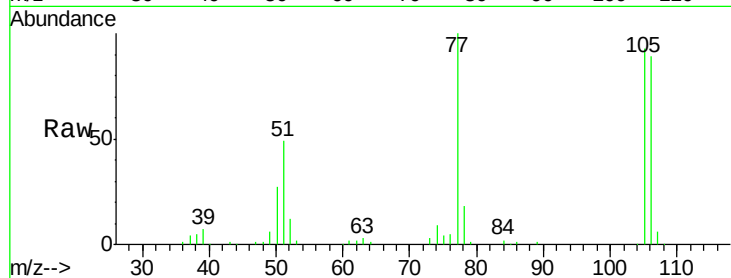
ClientSampleId :

SSTDICC025

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 222376 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 93.4  | 71.8  | 111.8  |
| 106      | 89.5  | 66.8  | 106.8  |

Manual Integrations  
APPROVED

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



#10

Phenol

Concen: 25.65 ng

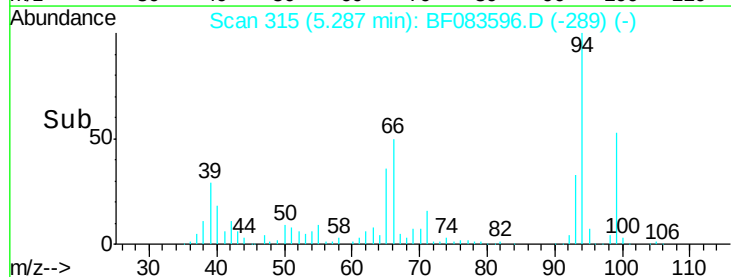
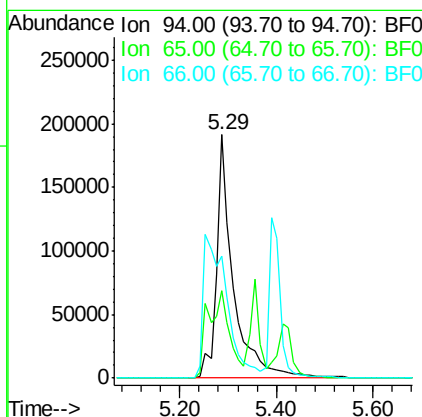
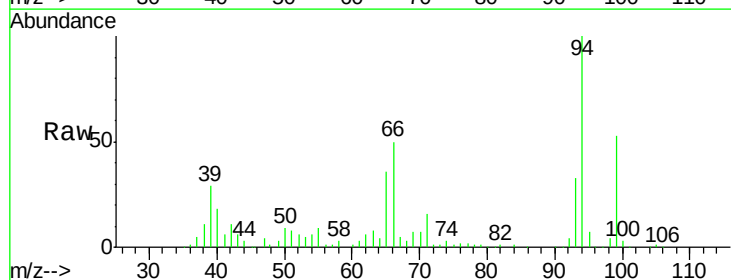
RT: 5.29 min Scan# 315

Delta R.T. 0.00 min

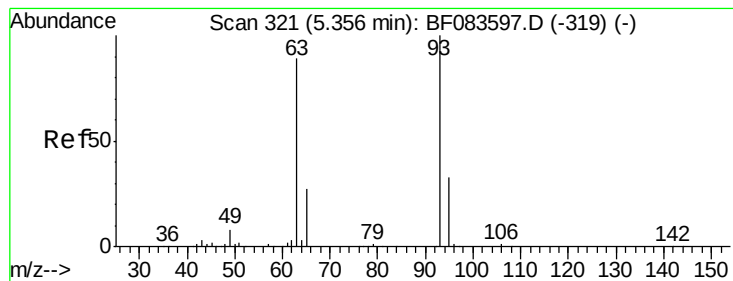
Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 468909 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 35.8  | 20.9  | 60.9   |
| 66       | 50.2  | 41.6  | 81.6   |







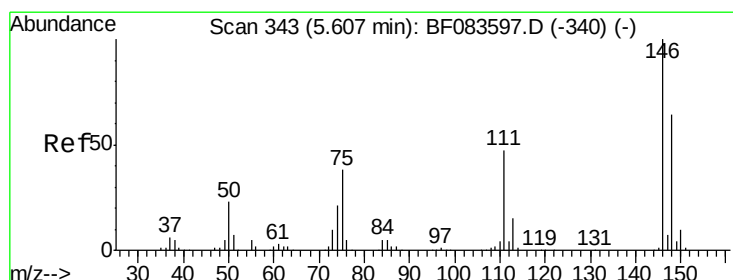
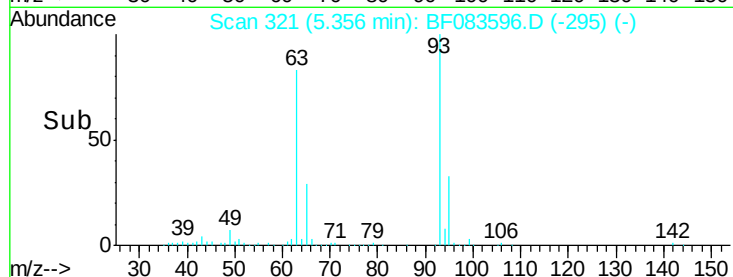
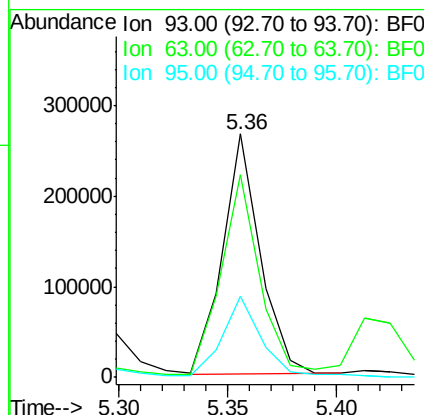
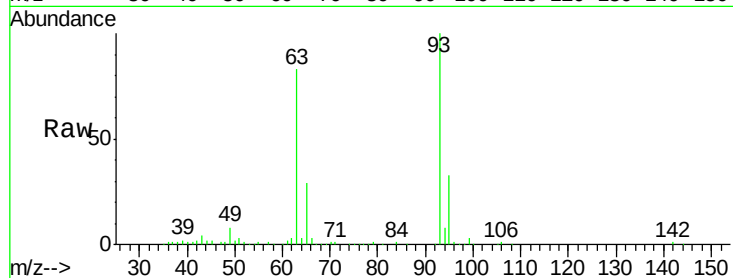
#11  
bis(2-Chloroethyl)ether  
Concen: 23.72 ng  
RT: 5.36 min Scan# 321  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 318428 |       |       |
| 63      | 83.0  | 64.7   | 104.7 |       |
| 95      | 33.3  | 12.7   | 52.7  |       |

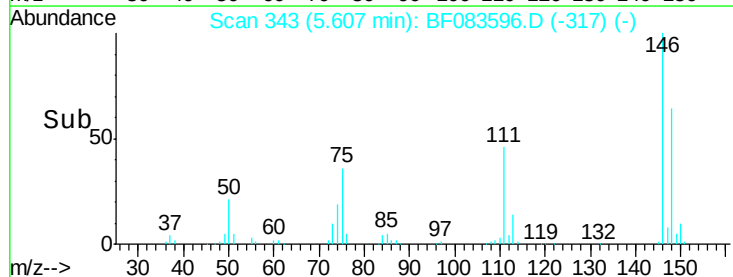
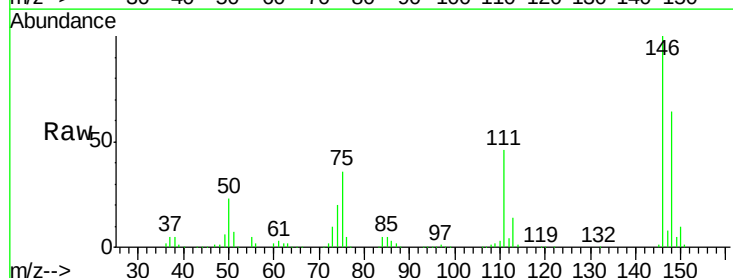
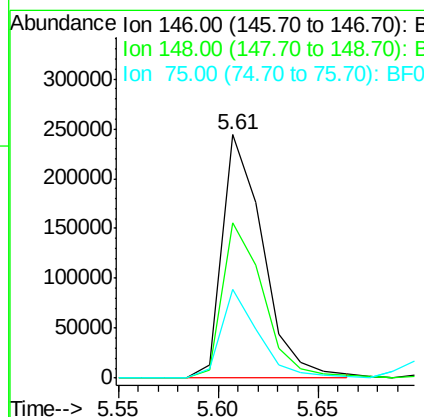
Manual Integrations  
APPROVED

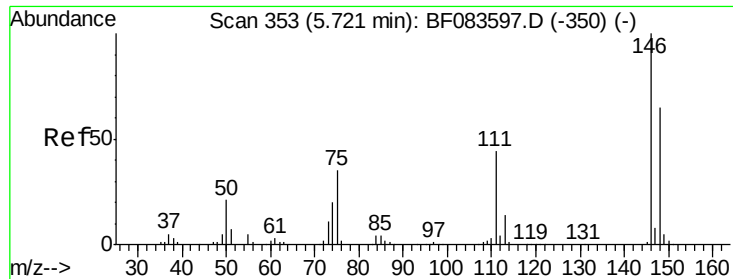
Mmdadoda  
12/9/2015 6:13:13 PM



#12  
1,3-Dichlorobenzene  
Concen: 24.96 ng m  
RT: 5.61 min Scan# 343  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 345770 |       |       |
| 148     | 63.9  | 51.3   | 76.9  |       |
| 75      | 36.4  | 24.1   | 36.1  |       |





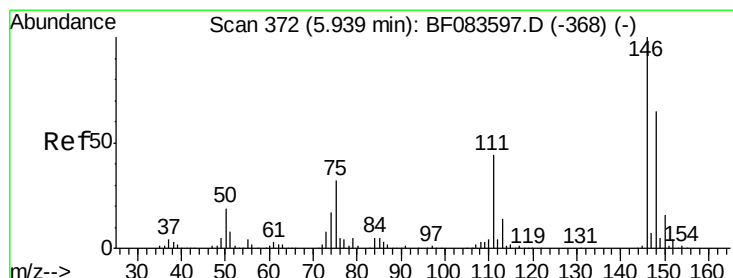
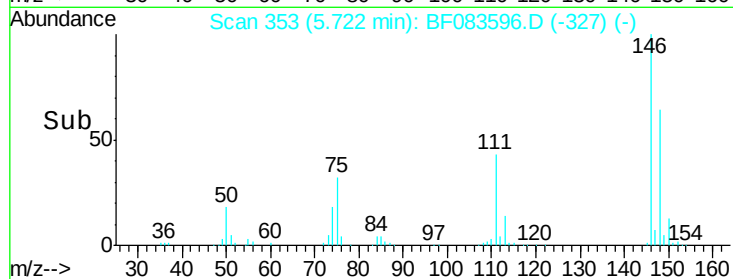
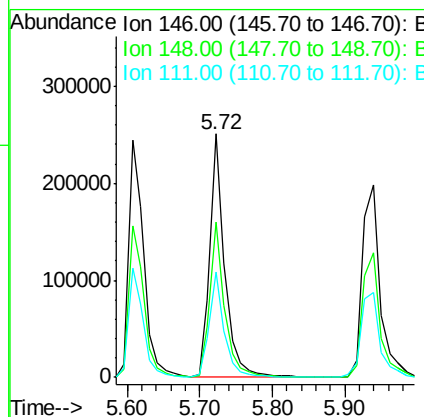
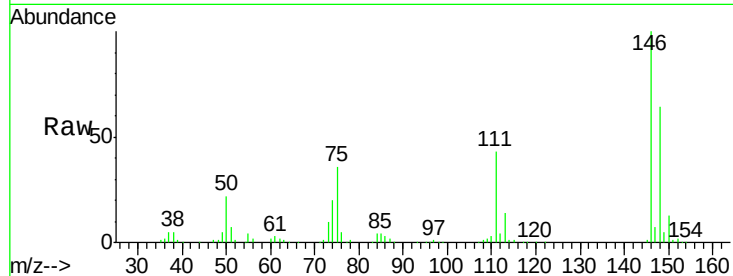
#13  
1,4-Dichlorobenzene  
Concen: 25.30 ng  
RT: 5.72 min Scan# 353  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 50.6  | 76.0  |
| 111     | 43.4  | 36.1  | 54.1  |

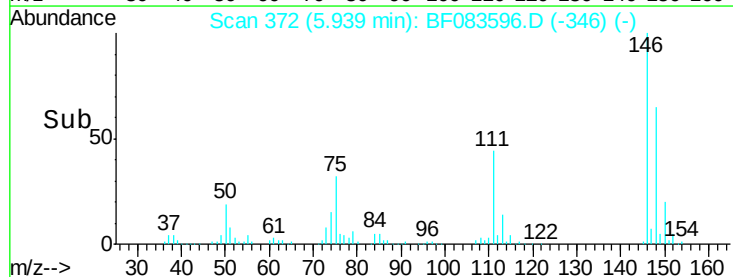
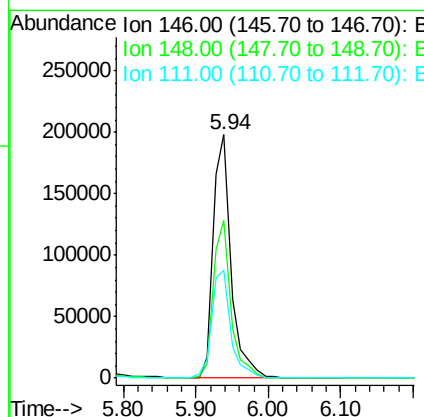
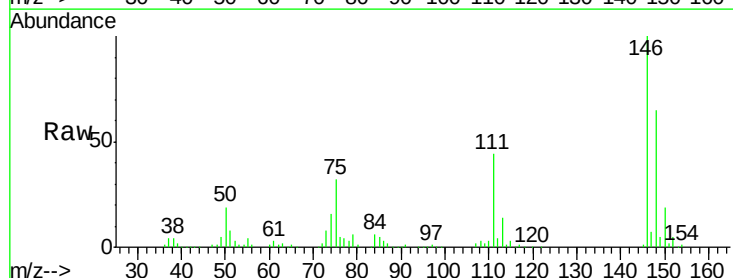
Manual Integrations  
APPROVED

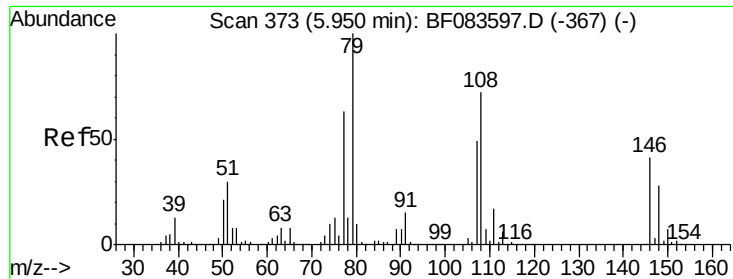
Mmdadoda  
12/9/2015 6:13:13 PM



#14  
1,2-Dichlorobenzene  
Concen: 26.00 ng  
RT: 5.94 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 51.4  | 77.0  |
| 111     | 44.4  | 36.7  | 55.1  |





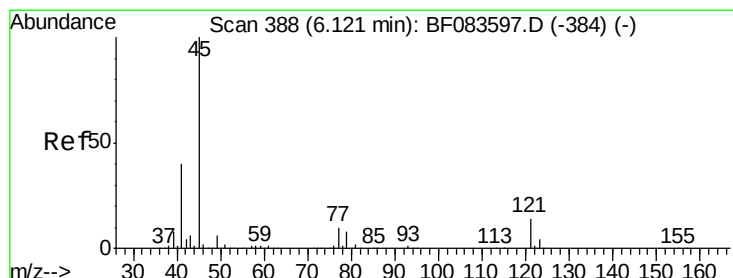
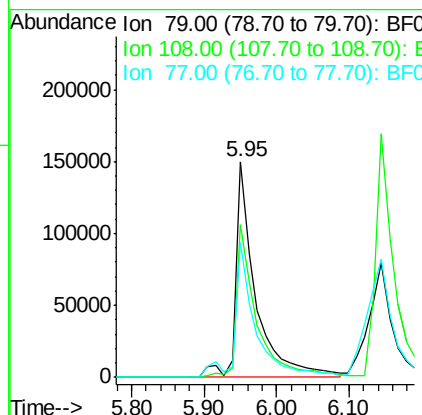
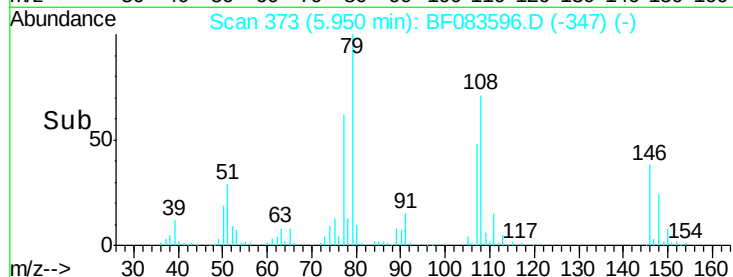
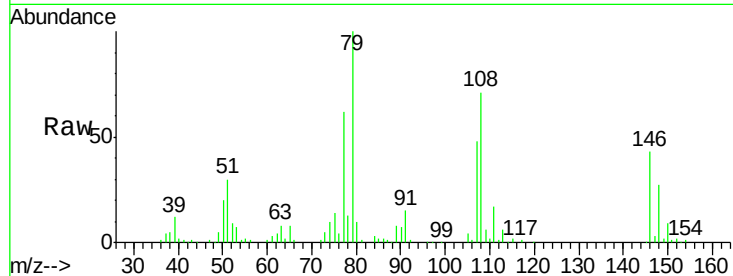
#15  
Benzyl Alcohol  
Concen: 26.41 ng  
RT: 5.95 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

Tgt Ion: 79 Resp: 284084  
Ion Ratio Lower Upper  
79 100  
108 70.8 59.6 89.4  
77 62.3 49.8 74.6

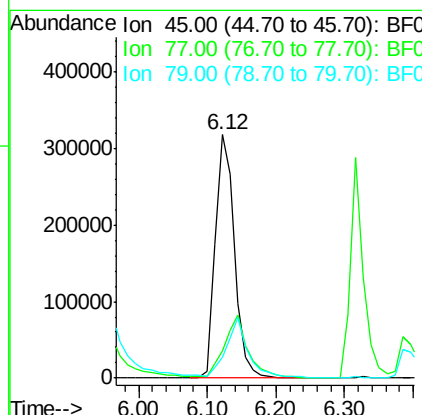
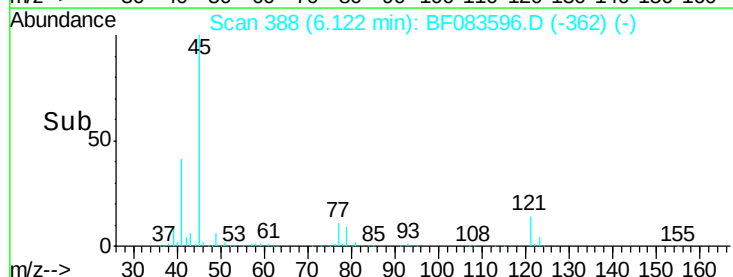
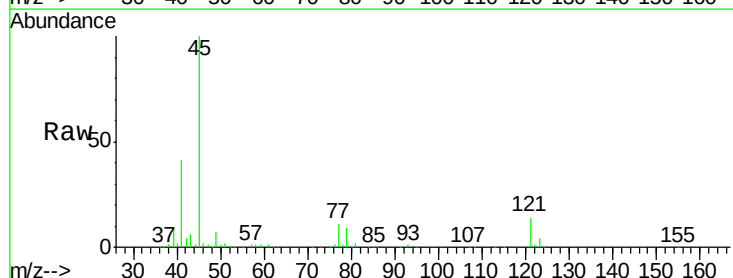
Manual Integrations  
APPROVED

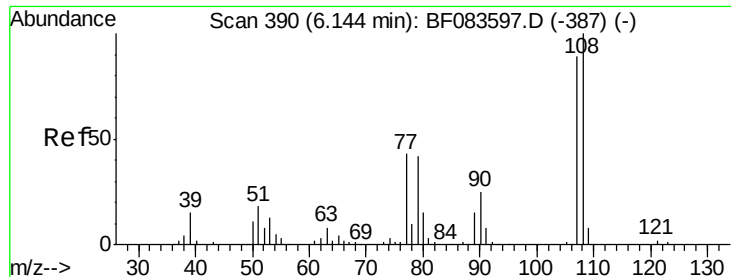
Mmdadoda  
12/9/2015 6:13:13 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 25.11 ng  
RT: 6.12 min Scan# 388  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Tgt Ion: 45 Resp: 626744  
Ion Ratio Lower Upper  
45 100  
77 11.5 12.8 52.8#  
79 8.8 10.7 50.7#





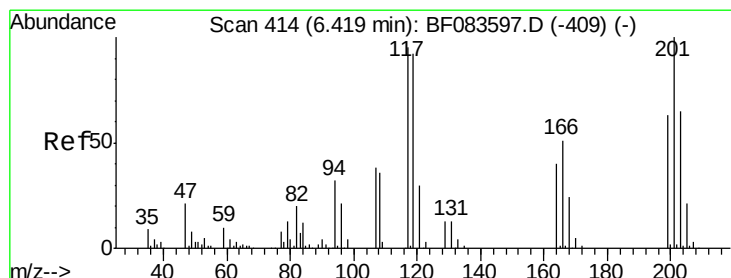
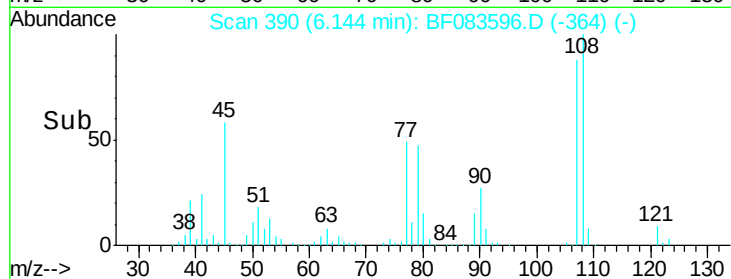
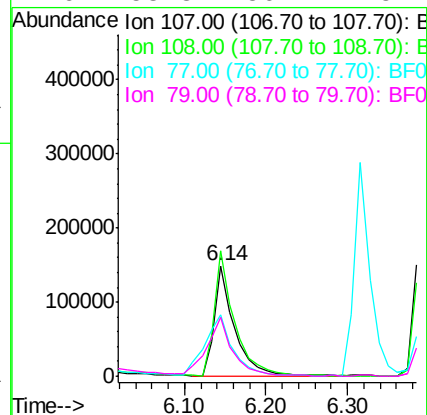
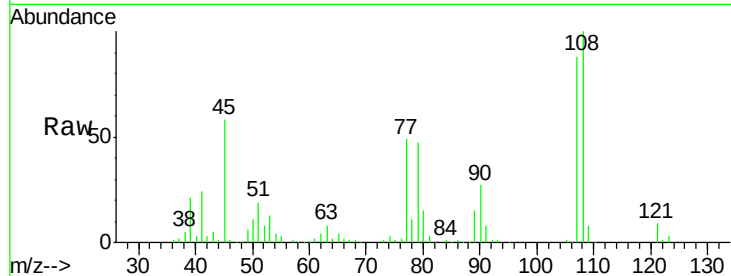
#17  
2-Methylphenol  
Concen: 24.90 ng  
RT: 6.14 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 256988 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.5 | 91.6  | 137.4  |
| 77        | 55.4  | 53.7  | 80.5   |
| 79        | 53.3  | 50.2  | 75.4   |

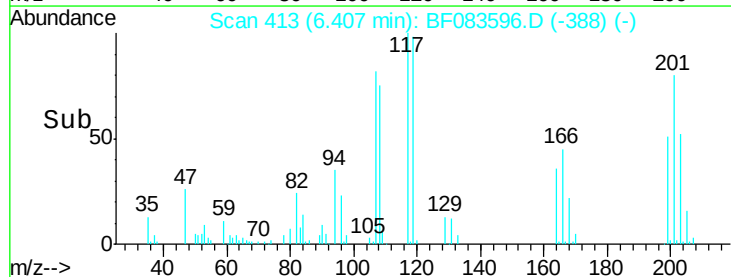
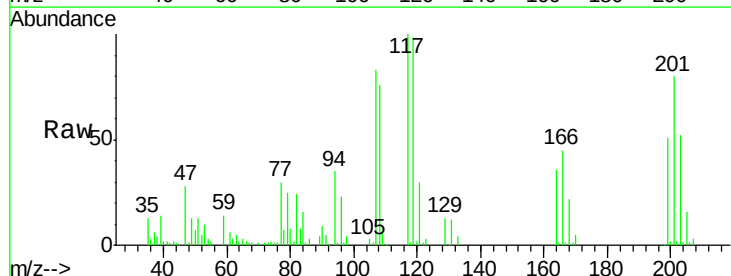
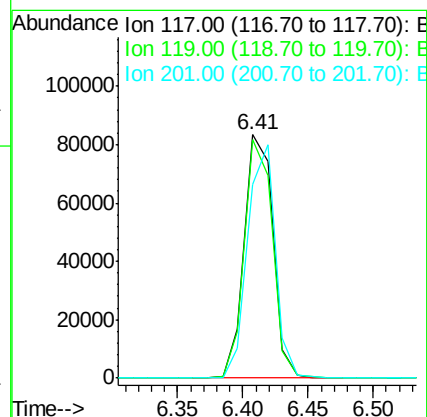
Manual Integrations  
APPROVED

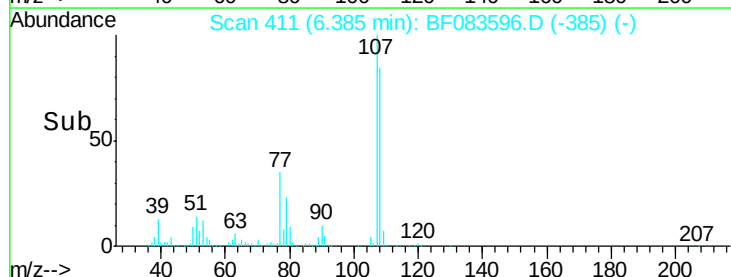
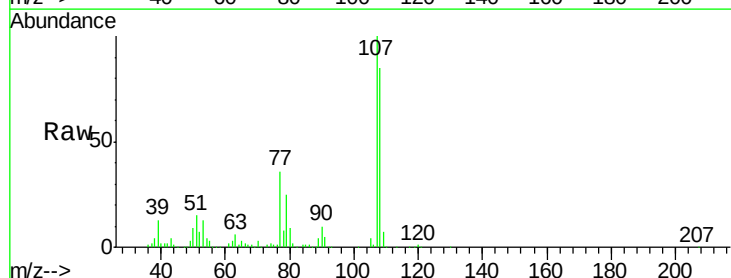
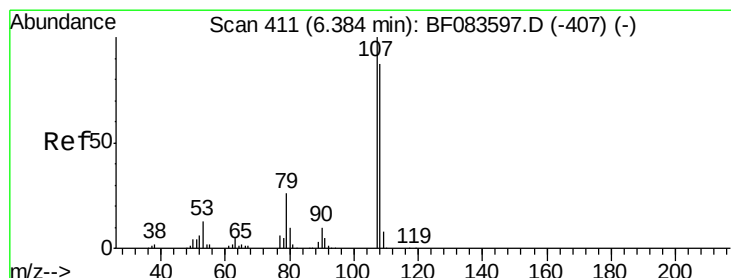
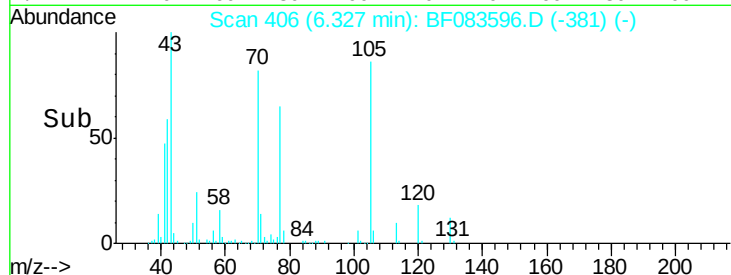
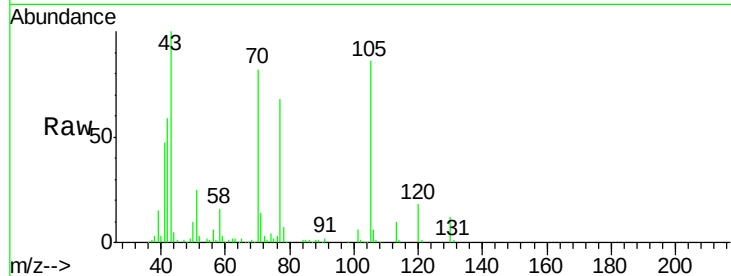
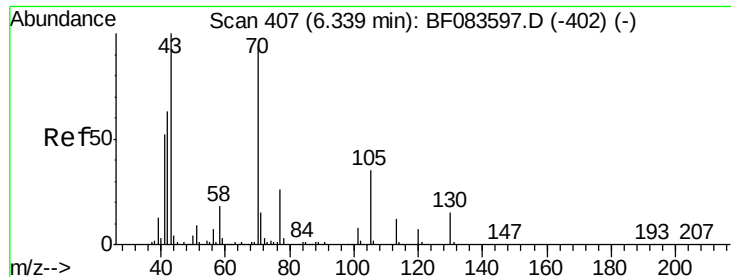
Mmdadoda  
12/9/2015 6:13:13 PM



#18  
Hexachloroethane  
Concen: 25.79 ng  
RT: 6.41 min Scan# 413  
Delta R.T. -0.01 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 127877 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.9  | 77.2  | 115.8  |
| 201       | 79.7  | 86.8  | 130.2# |





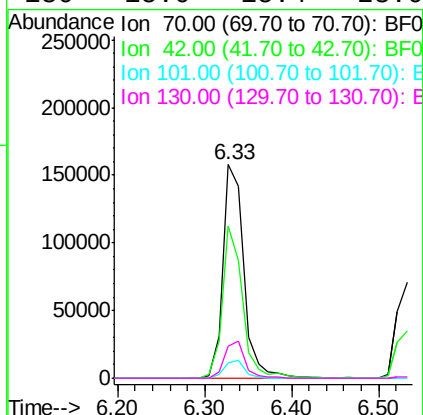
#19  
n-Nitroso-di-n-propylamine  
Concen: 25.63 ng  
RT: 6.33 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 71.3  | 49.2  | 73.8  |
| 101     | 7.4   | 7.1   | 10.7  |
| 130     | 15.0  | 15.4  | 23.0  |

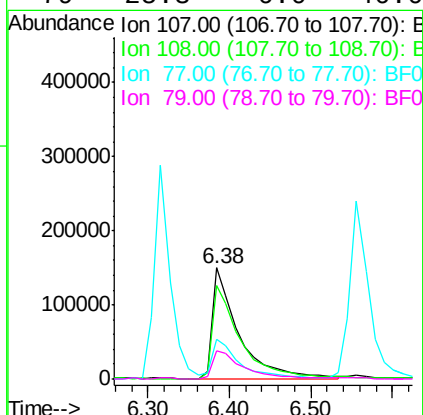
Manual Integrations  
APPROVED

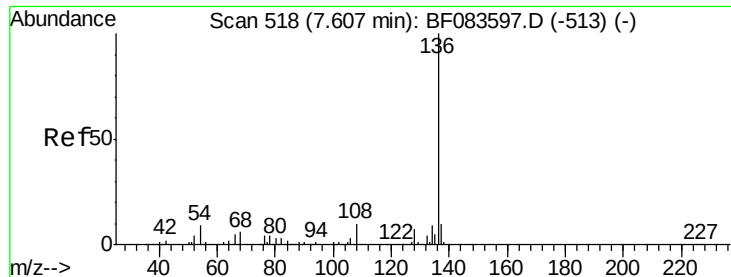
Mmdadoda  
12/9/2015 6:13:13 PM



#20  
3+4-Methylphenols  
Concen: 24.93 ng  
RT: 6.38 min Scan# 411  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 84.8  | 65.2  | 105.2 |
| 77      | 36.0  | 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: BF083596.D

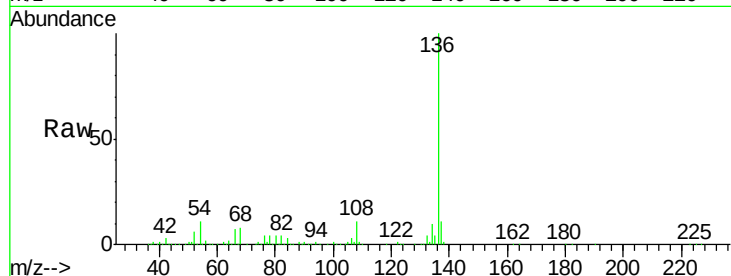
Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025



Tgt Ion:136 Resp: 664833

Ion Ratio Lower Upper

136 100

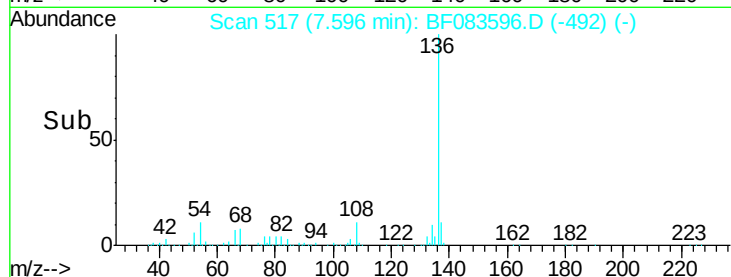
137 11.2 8.7 13.1

54 11.0 7.8 11.6

68 7.7 5.7 8.5

Manual Integrations  
APPROVED

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

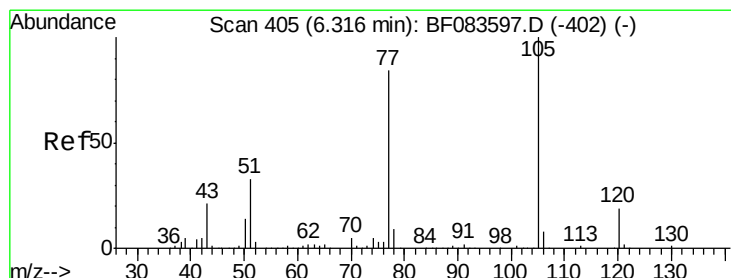
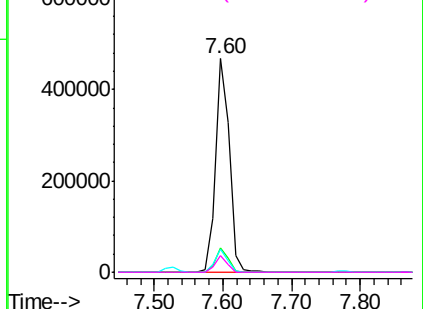


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 24.45 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Tgt Ion:105 Resp: 467360

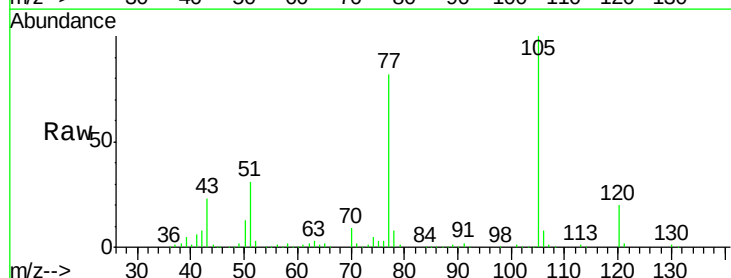
Ion Ratio Lower Upper

105 100

71 1.5 1.3 1.9

51 31.0 23.8 35.8

120 19.7 16.7 25.1

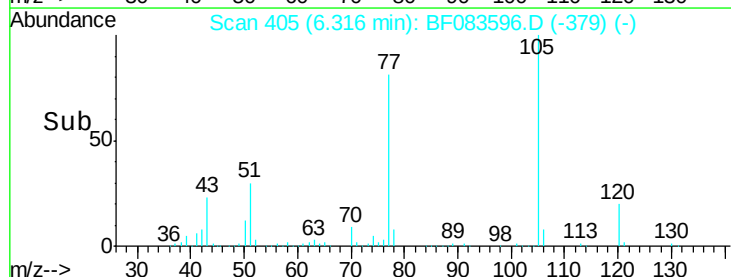
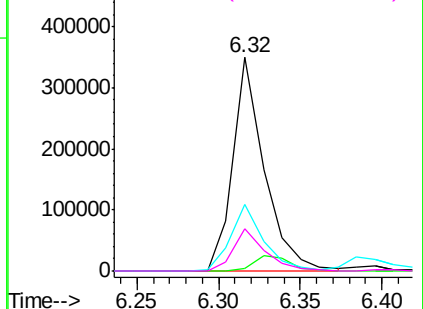


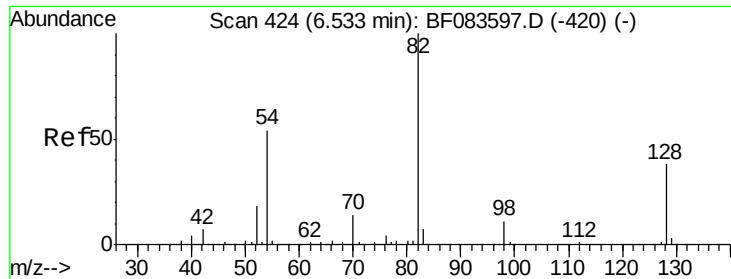
Abundance Ion 105.00 (104.70 to 105.70): E

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





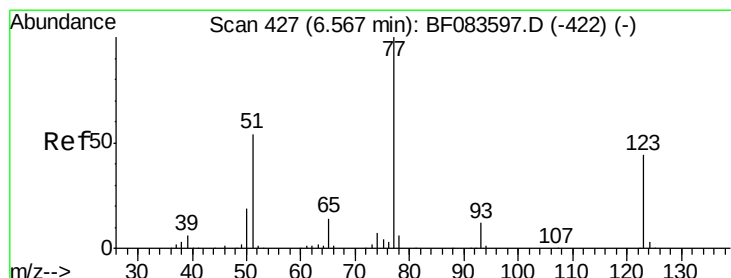
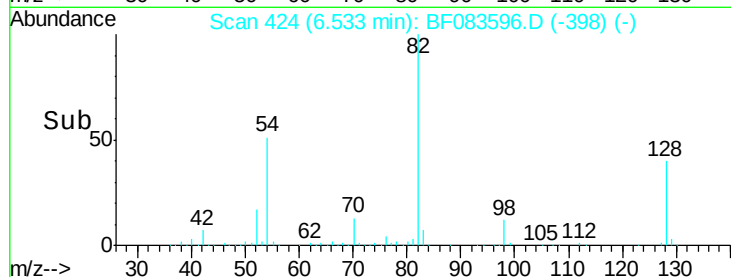
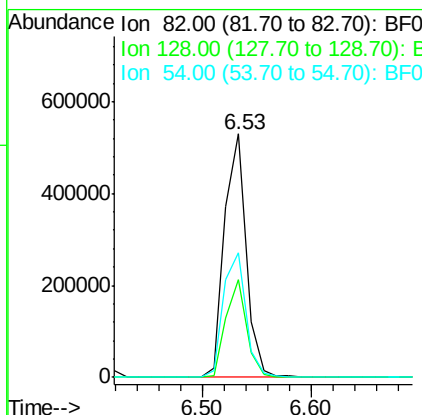
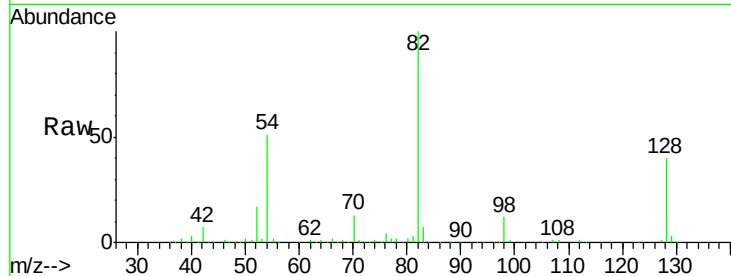
#23  
 Nitrobenzene-d5  
 Concen: 51.77 ng  
 RT: 6.53 min Scan# 424  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 82      | 100   |            |            |
| 128     | 39.9  | 30.7       | 46.1       |
| 54      | 51.4  | 42.5       | 63.7       |

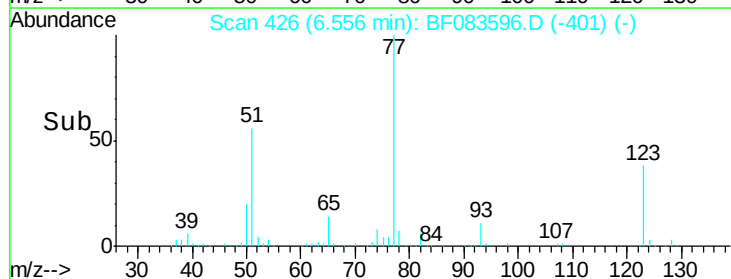
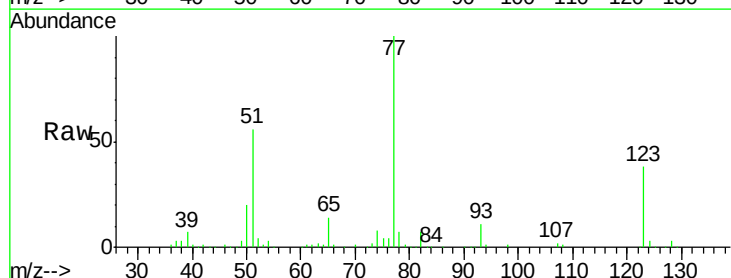
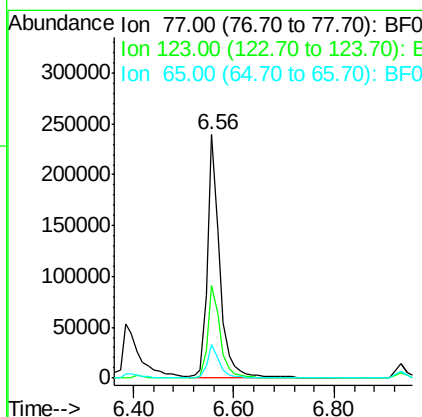
Manual Integrations  
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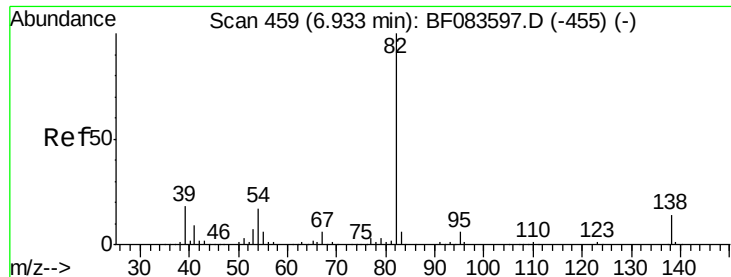


#24  
 Nitrobenzene  
 Concen: 25.53 ng  
 RT: 6.56 min Scan# 426  
 Delta R.T. -0.01 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 77      | 100   |            |            |
| 123     | 38.0  | 29.8       | 44.6       |
| 65      | 13.8  | 11.1       | 16.7       |







#25

Isophorone

Concen: 25.76 ng

RT: 6.93 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

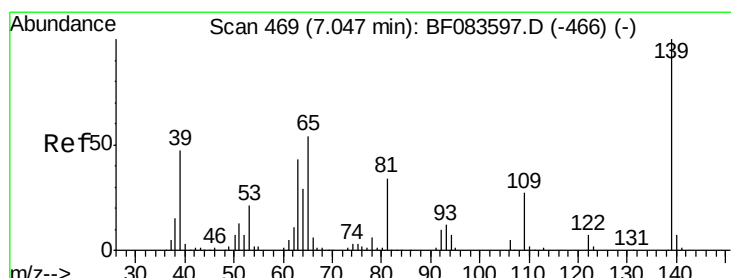
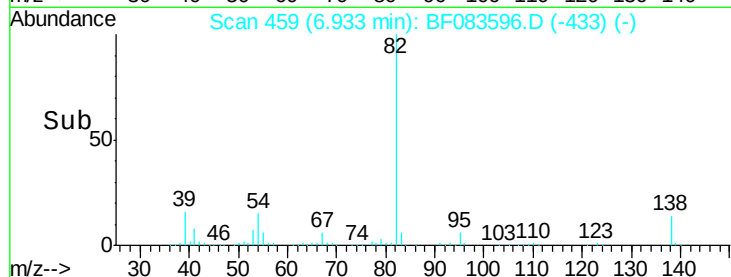
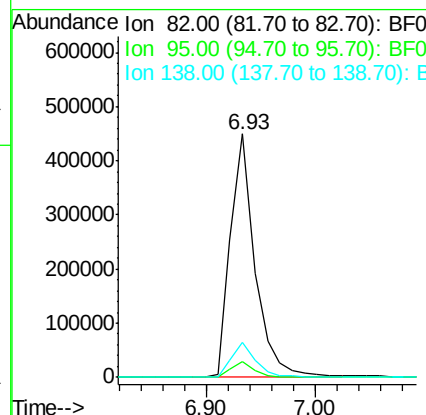
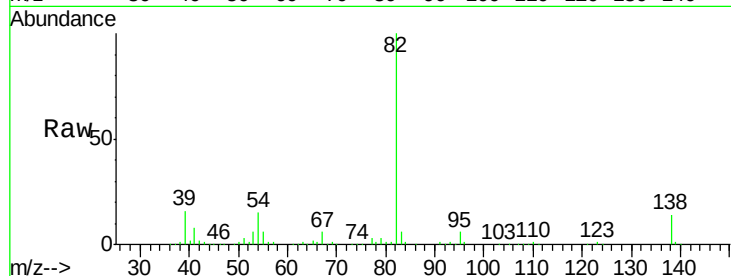
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 704204 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.4   | 5.0   | 7.4    |
| 138       | 14.1  | 12.1  | 18.1   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 26.31 ng

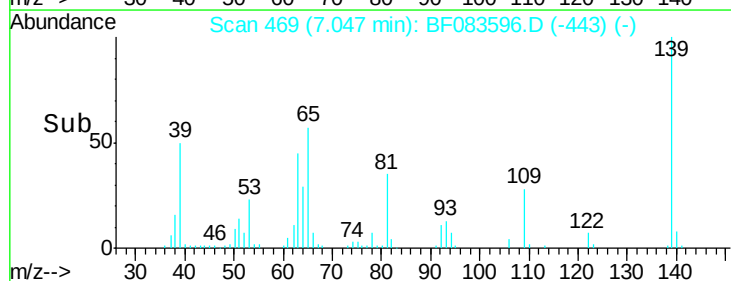
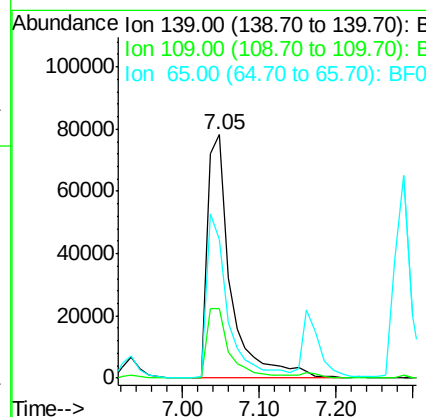
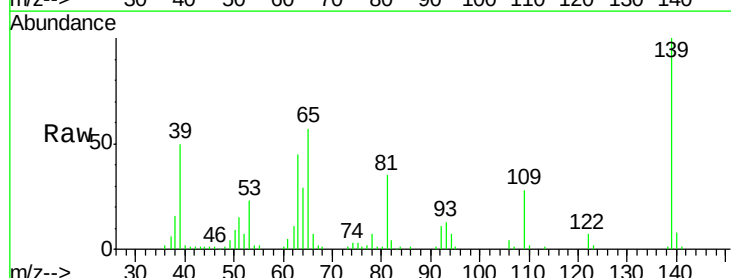
RT: 7.05 min Scan# 469

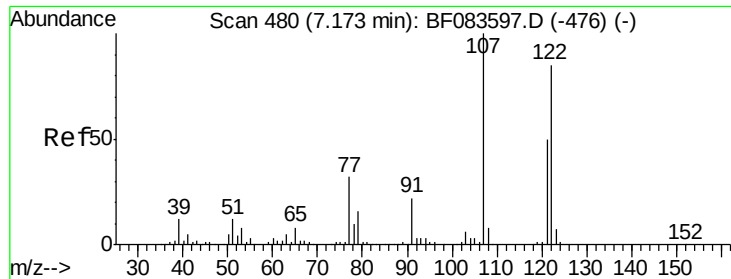
Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 162937 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.4  | 22.7  | 34.1   |
| 65        | 57.1  | 51.8  | 77.8   |





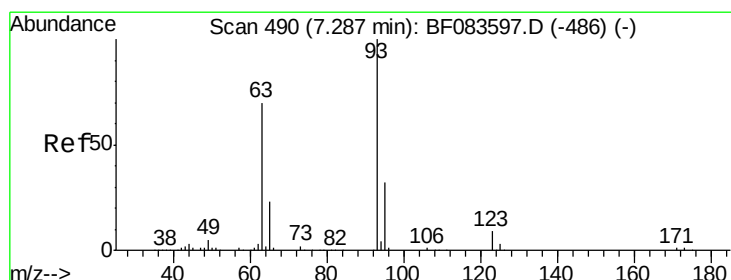
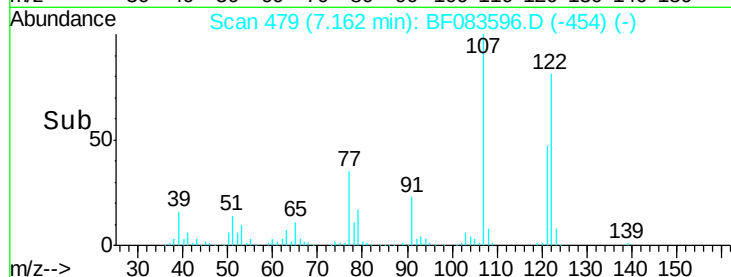
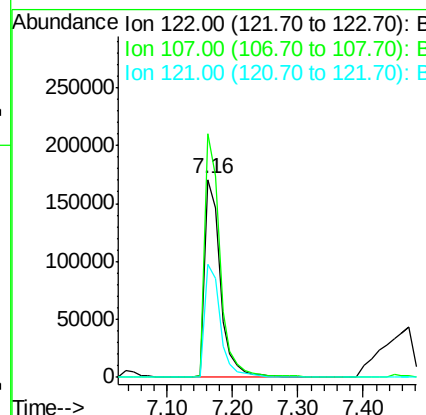
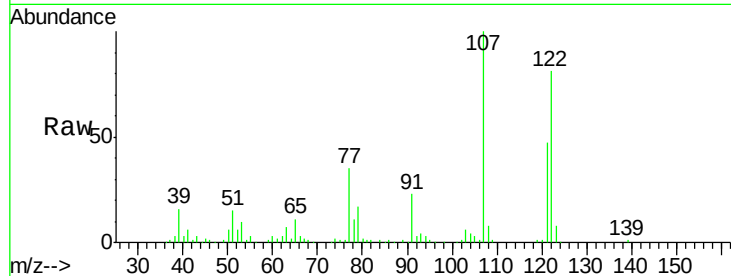
#27  
 2,4-Dimethylphenol  
 Concen: 26.04 ng  
 RT: 7.16 min Scan# 479  
 Delta R.T. -0.01 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 283832 |       |       |
| 107     | 123.2 | 92.4   | 138.6 |       |
| 121     | 57.4  | 45.8   | 68.6  |       |

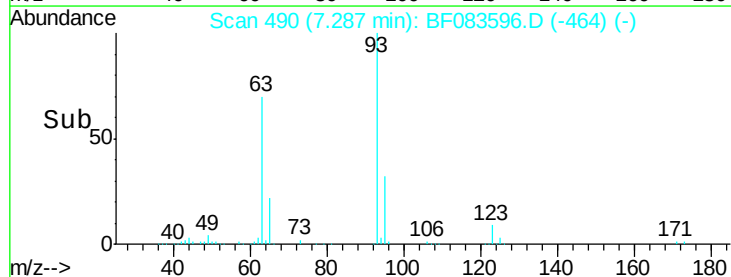
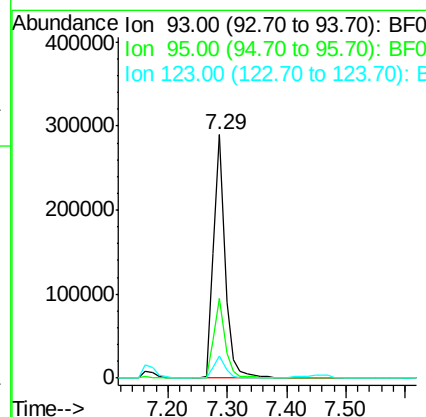
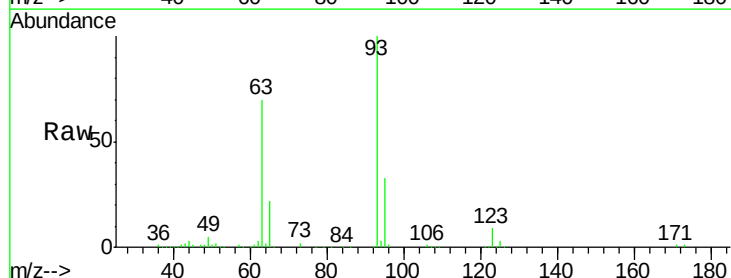
Manual Integrations  
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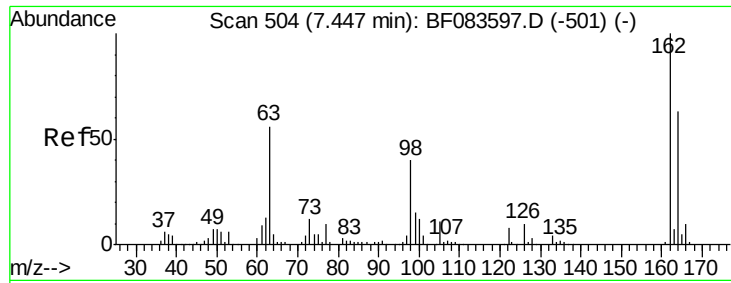
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 26.23 ng  
 RT: 7.29 min Scan# 490  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 398989 |       |       |
| 95      | 32.6  | 25.6   | 38.4  |       |
| 123     | 9.2   | 7.3    | 10.9  |       |





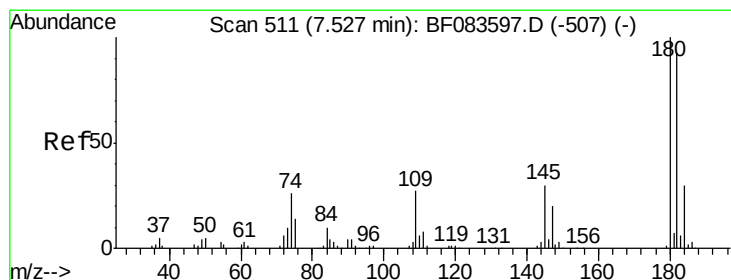
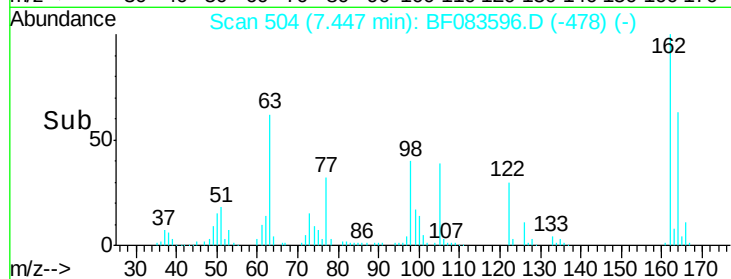
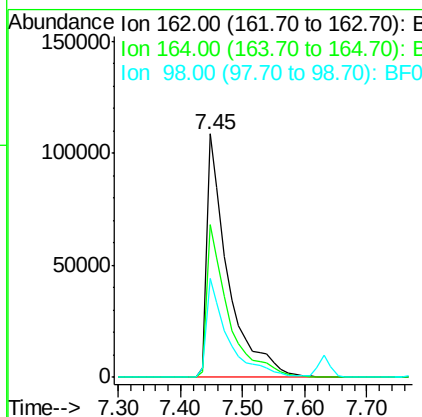
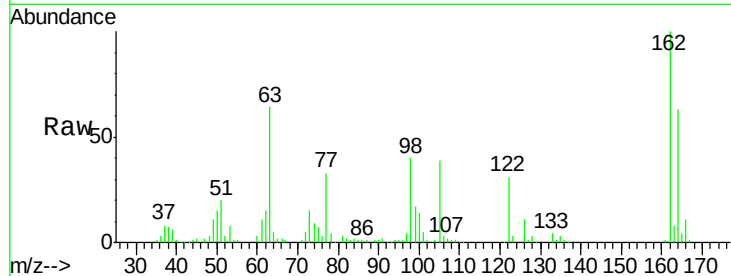
#29  
 2,4-Dichlorophenol  
 Concen: 25.99 ng  
 RT: 7.45 min Scan# 504  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 256301 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.6  | 43.4  | 83.4   |
| 98        | 40.4  | 17.5  | 57.5   |

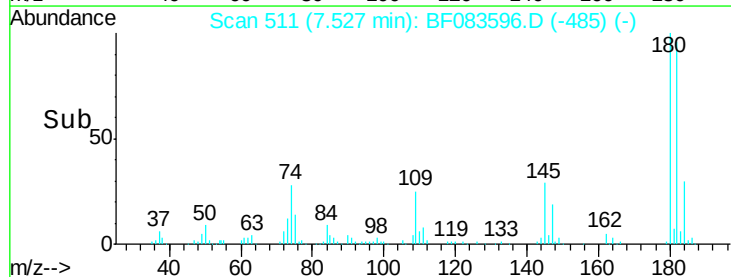
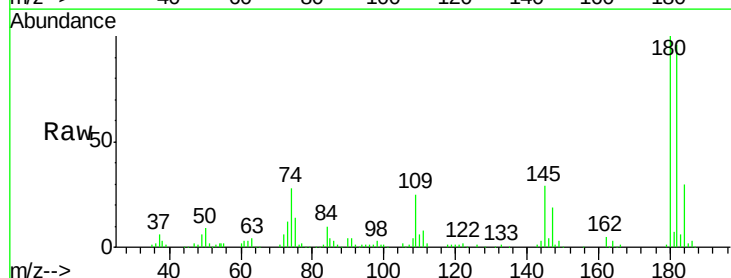
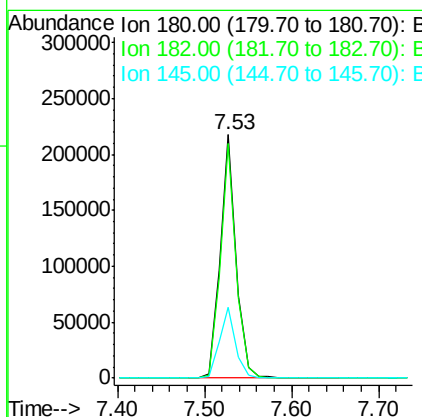
Manual Integrations  
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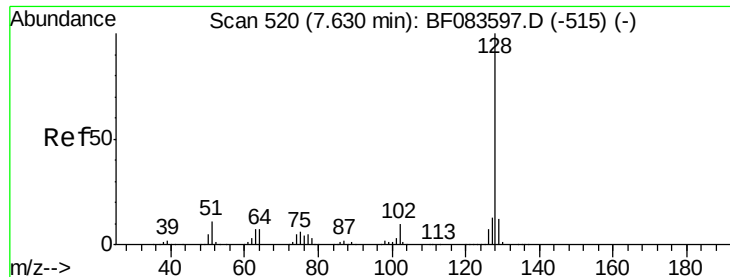
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 25.60 ng  
 RT: 7.53 min Scan# 511  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 278948 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.1  | 74.9  | 112.3  |
| 145       | 29.2  | 24.7  | 37.1   |





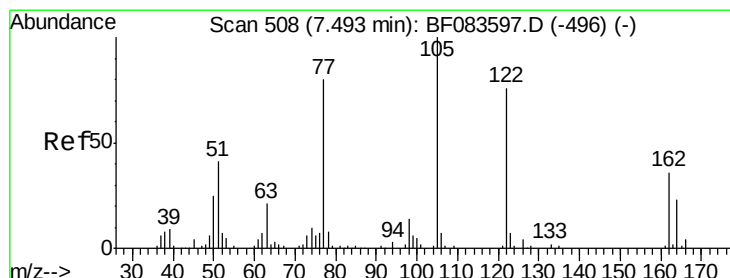
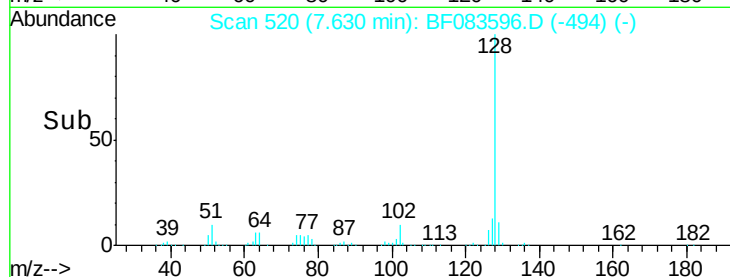
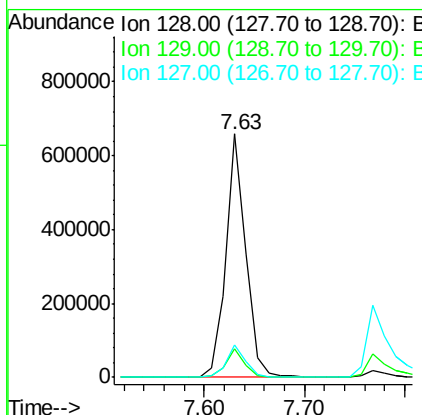
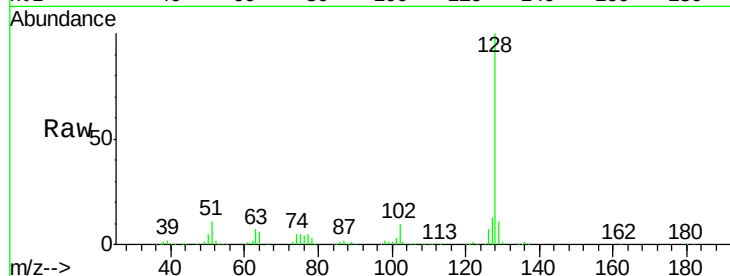
#31  
Naphthalene  
Concen: 25.66 ng  
RT: 7.63 min Scan# 520  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 11.5  | 8.6        | 13.0       |
| 127     | 13.1  | 10.6       | 16.0       |

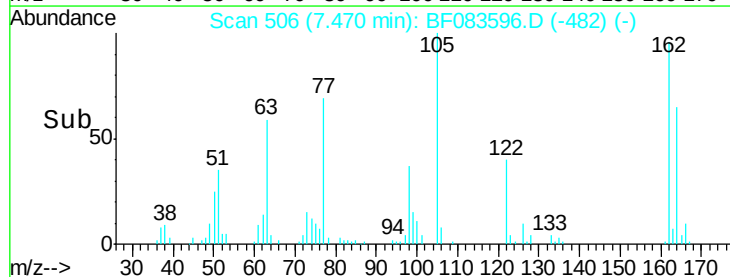
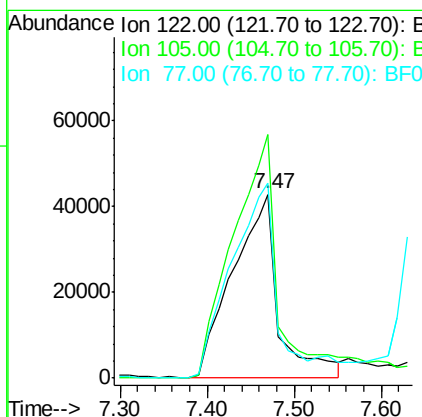
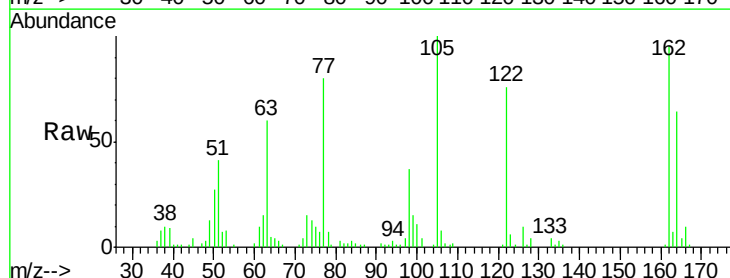
Manual Integrations  
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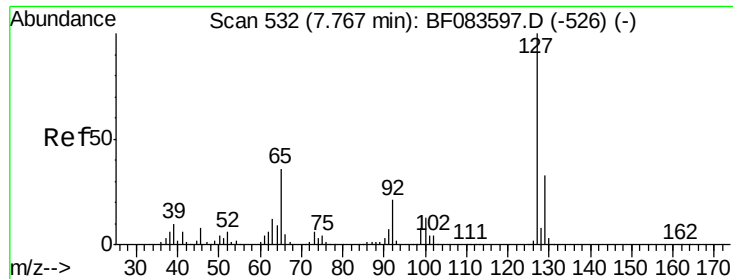
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12/9/2015 6:13:13 PM



#32  
Benzoic acid  
Concen: 26.91 ng  
RT: 7.47 min Scan# 506  
Delta R.T. -0.02 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 132.3 | 105.6      | 145.6      |
| 77      | 106.1 | 86.8       | 126.8      |





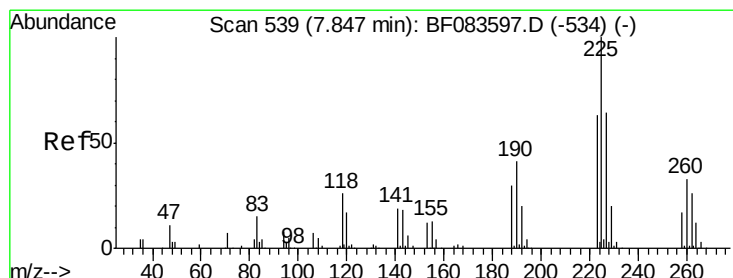
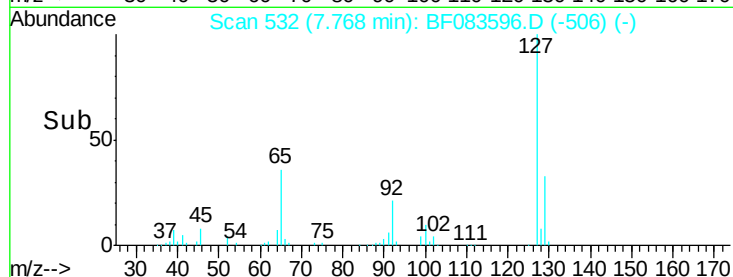
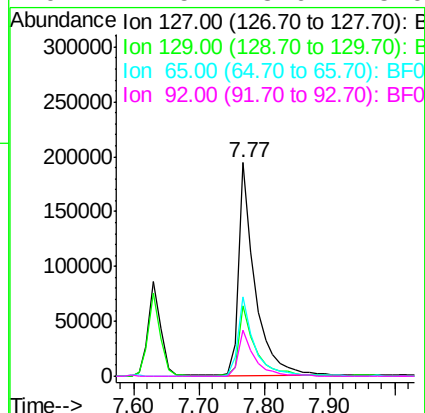
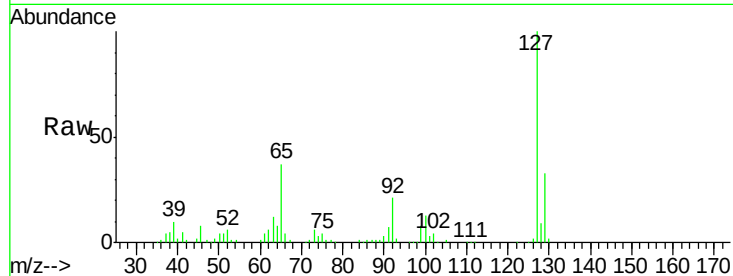
#33  
4-Chloroaniline  
Concen: 24.23 ng  
RT: 7.77 min Scan# 532  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 332207 |       |       |
| 129     | 33.0  | 26.1   | 39.1  |       |
| 65      | 36.9  | 33.5   | 50.3  |       |
| 92      | 21.5  | 18.6   | 28.0  |       |

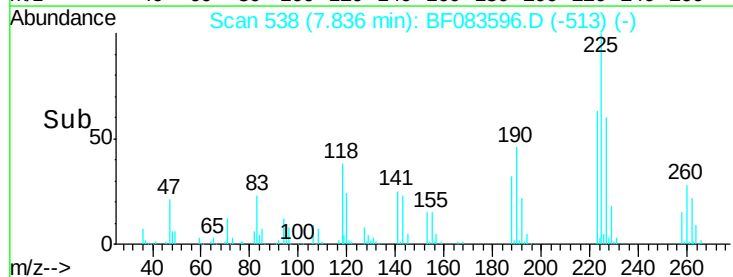
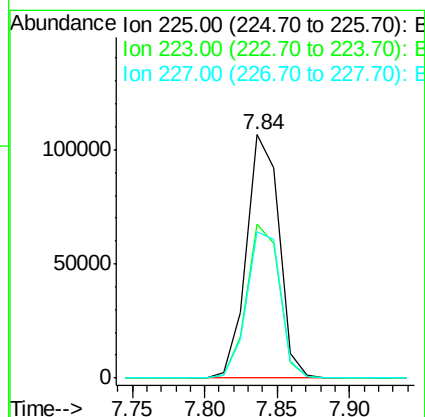
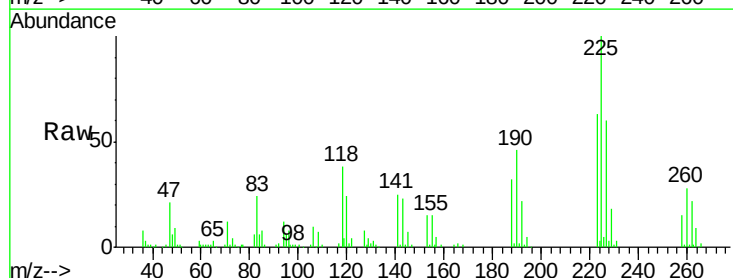
Manual Integrations  
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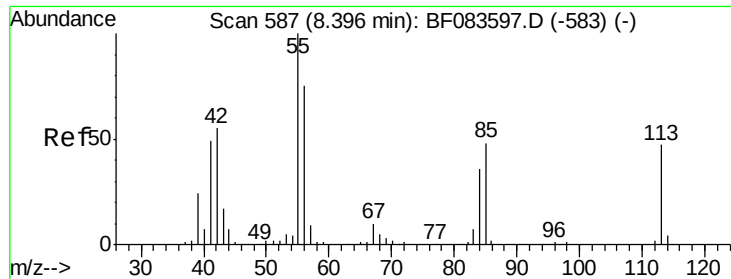
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12/9/2015 6:13:13 PM



#34  
Hexachlorobutadiene  
Concen: 25.79 ng  
RT: 7.84 min Scan# 538  
Delta R.T. -0.01 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 166088 |       |       |
| 223     | 63.0  | 52.3   | 78.5  |       |
| 227     | 60.1  | 50.4   | 75.6  |       |





#35

Caprolactam

Concen: 25.11 ng

RT: 8.36 min Scan# 584

Delta R.T. -0.03 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

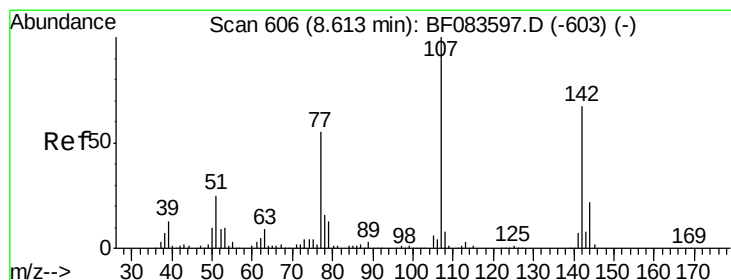
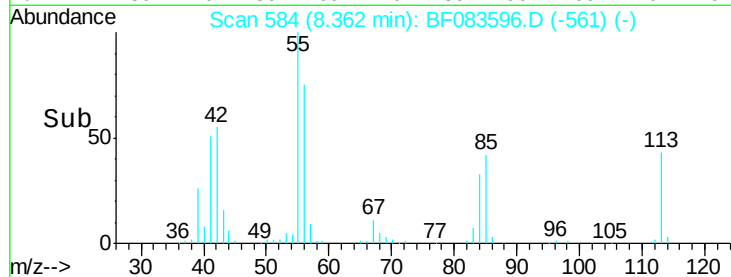
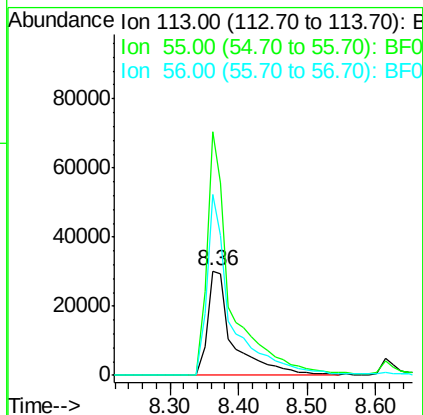
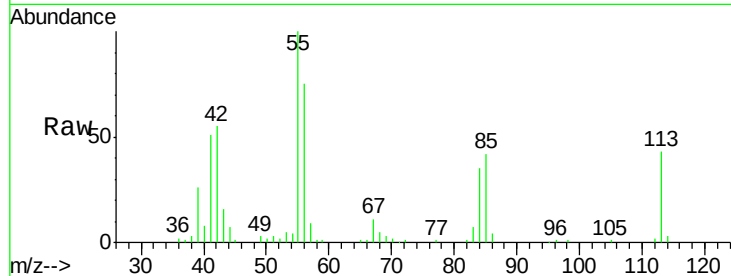
ClientSampleId :

SSTDIC025

Tgt Ion:113 Resp: 78715  
 Ion Ratio Lower Upper  
 113 100  
 55 232.6 189.7 229.7#  
 56 173.3 130.7 170.7#

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



#36

4-Chloro-3-methylphenol

Concen: 25.32 ng

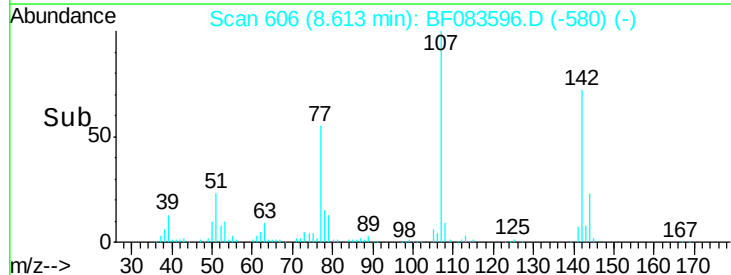
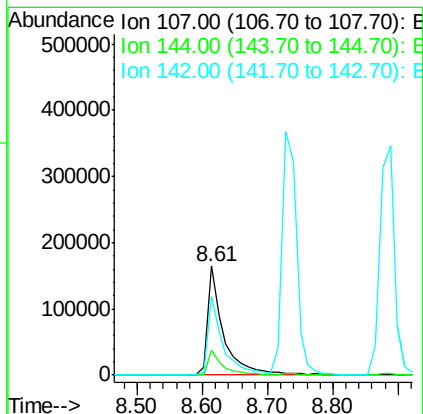
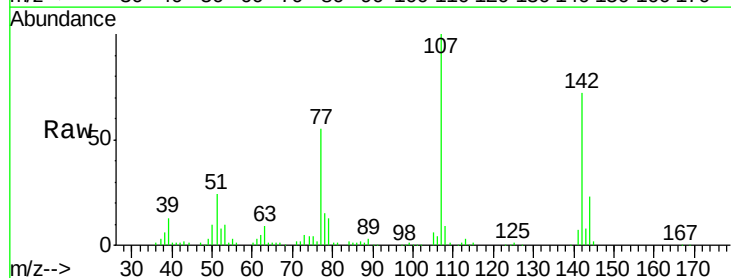
RT: 8.61 min Scan# 606

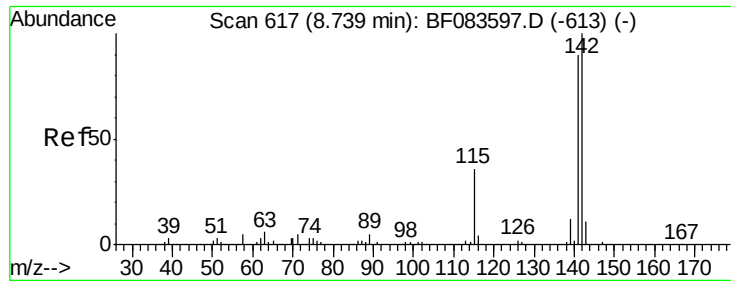
Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Tgt Ion:107 Resp: 281077  
 Ion Ratio Lower Upper  
 107 100  
 144 22.7 17.5 26.3  
 142 72.2 53.6 80.4





#37

2-Methylnaphthalene

Concen: 25.75 ng

RT: 8.73 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF083596.D

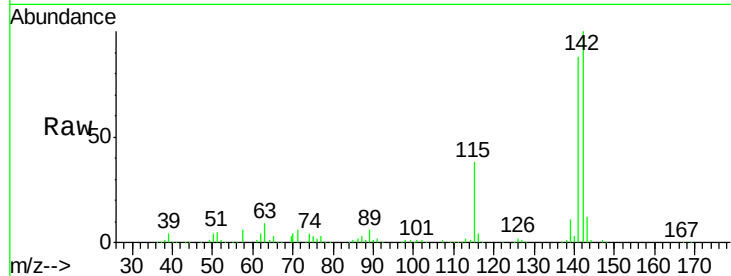
Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

ClientSampleId :

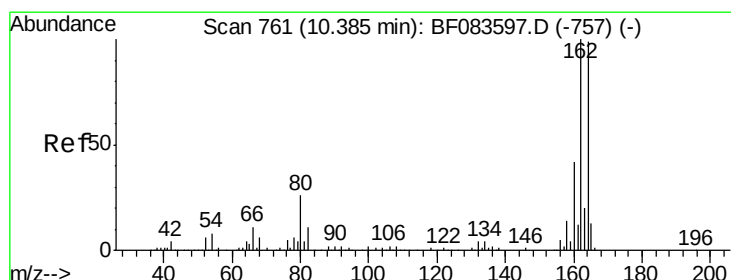
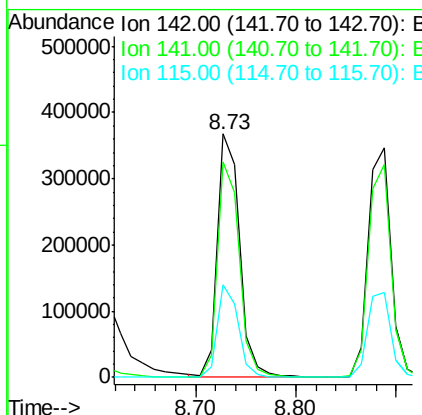
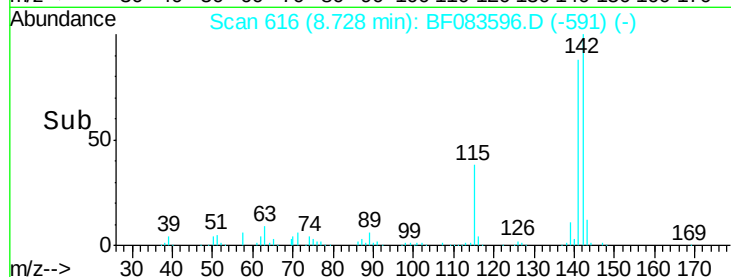
SSTDICC025



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.2  | 70.3  | 105.5 |
| 115     | 38.1  | 29.2  | 43.8  |

Manual Integrations  
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#38

Acenaphthene-d10

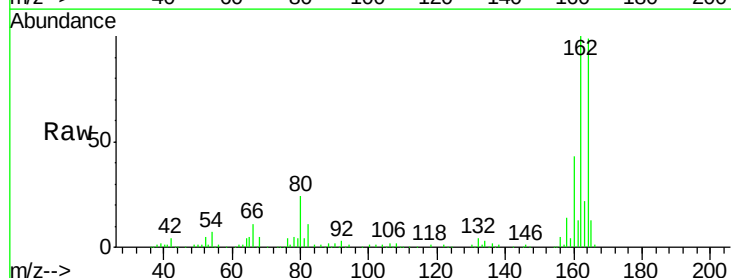
Concen: 20.00 ng

RT: 10.38 min Scan# 761

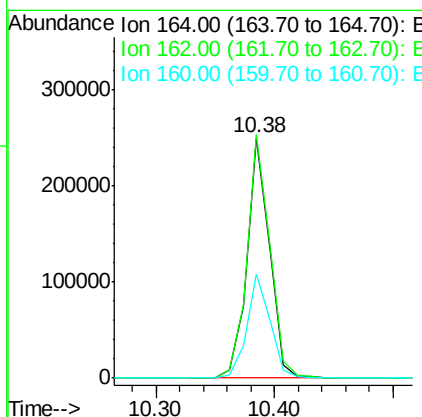
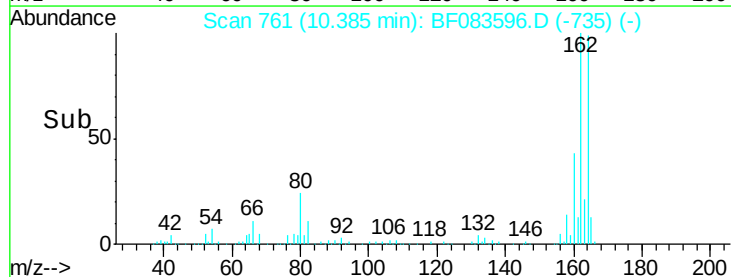
Delta R.T. 0.00 min

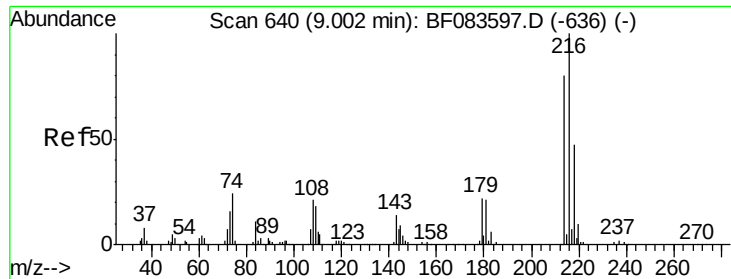
Lab File: BF083596.D

Acq: 8 Dec 2015 15:19



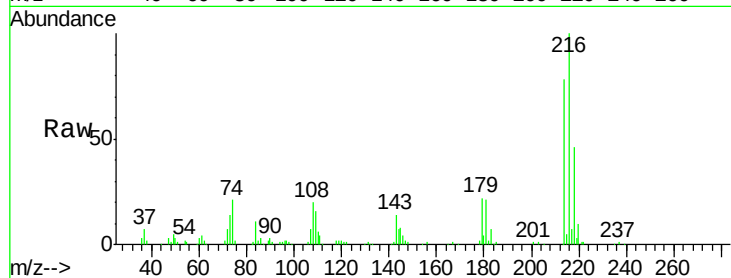
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 78.8  | 118.2 |
| 160     | 43.2  | 33.4  | 50.2  |





#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 25.48 ng  
 RT: 9.00 min Scan# 640  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

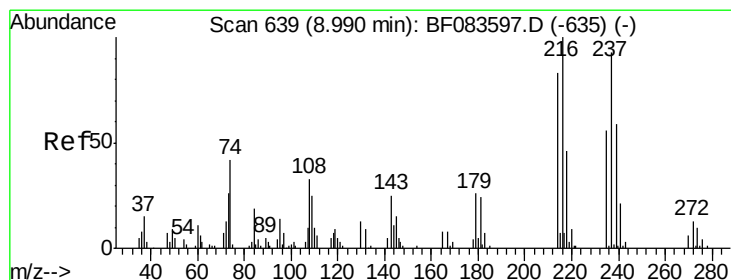
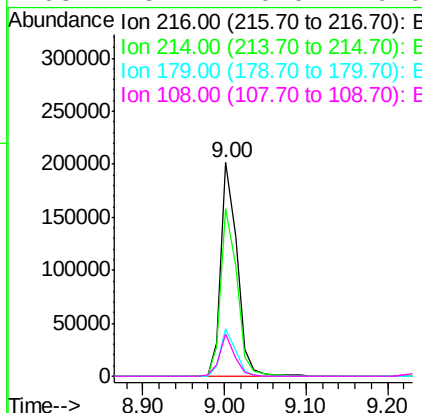
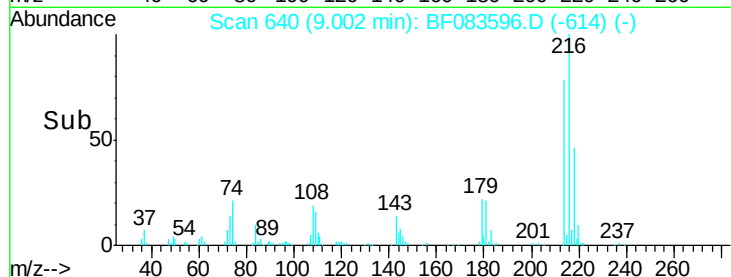
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 276422 |       |       |
| 214     | 78.8  | 0.0    | 0.0   | 0.0   |
| 179     | 20.9  | 0.0    | 0.0   | 0.0   |
| 108     | 18.2  | 0.0    | 0.0   | 0.0   |

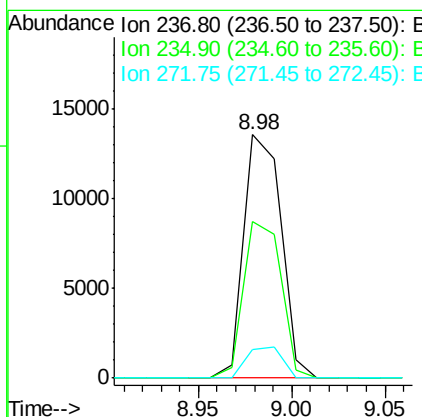
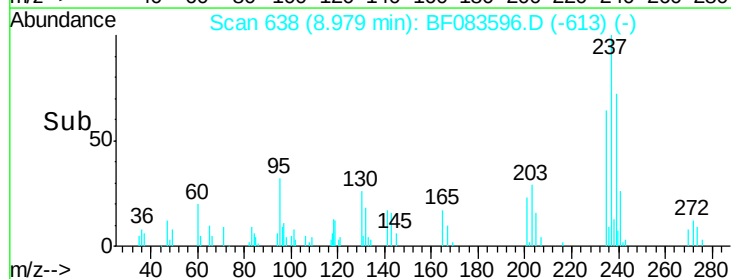
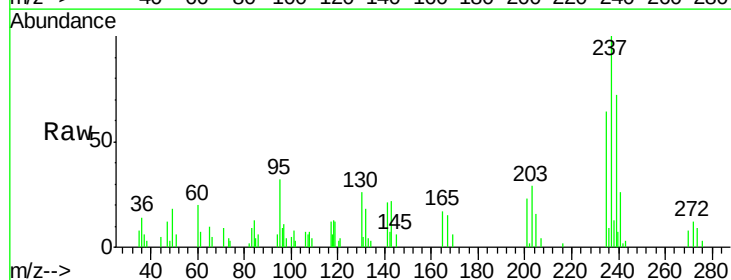
Manual Integrations  
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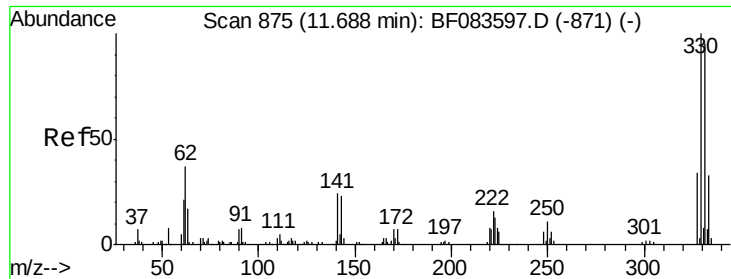


#40  
 Hexachlorocyclopentadiene  
 Concen: 6.50 ng  
 RT: 8.98 min Scan# 638  
 Delta R.T. -0.01 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 18902 |       |       |
| 235     | 64.2  | 43.9  | 83.9  |       |
| 272     | 11.7  | 0.0   | 31.8  |       |







#41

2,4,6-Tribromophenol

Concen: 50.88 ng

RT: 11.68 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

Tgt Ion:330 Resp: 154271  
Ion Ratio Lower Upper

330 100

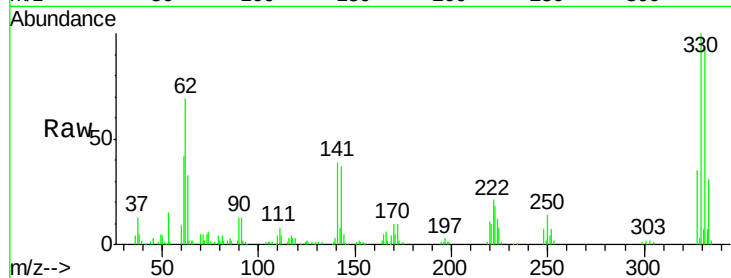
332 93.7 0.0 0.0#

141 37.9 0.0 0.0#

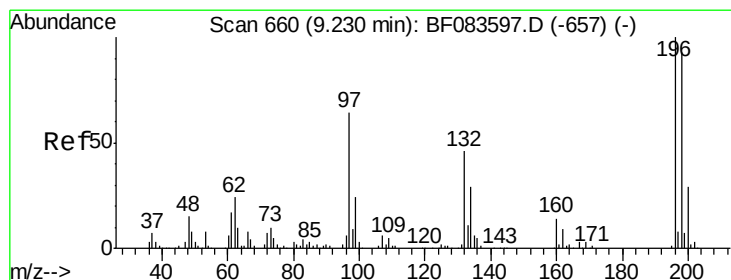
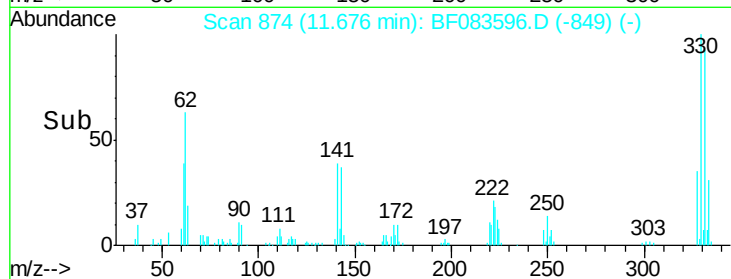
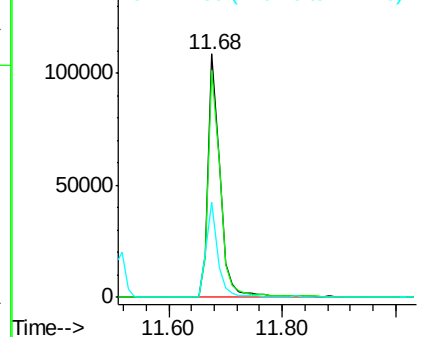
Manual Integrations  
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Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 24.24 ng

RT: 9.23 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF083596.D

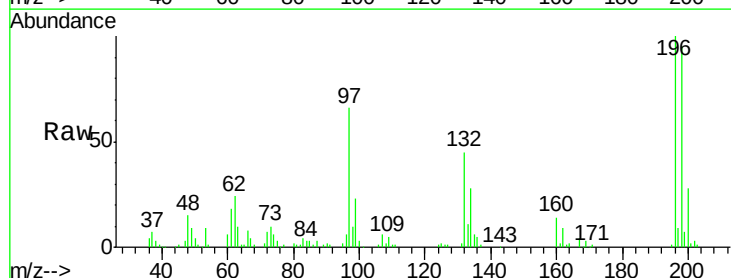
Acq: 8 Dec 2015 15:19

Tgt Ion:196 Resp: 163911  
Ion Ratio Lower Upper

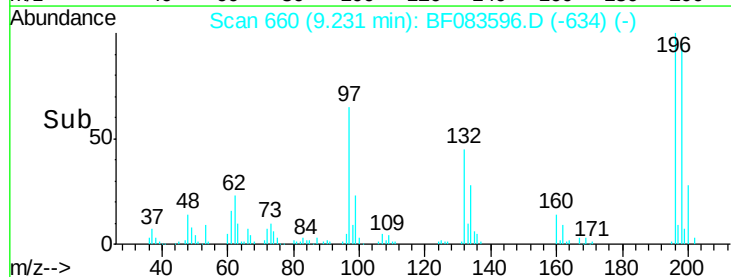
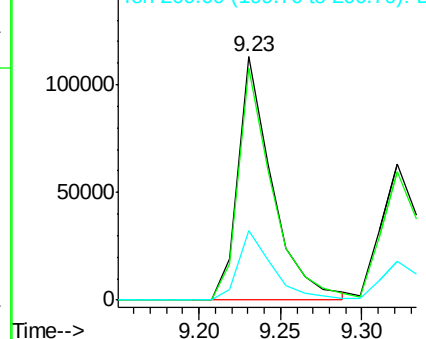
196 100

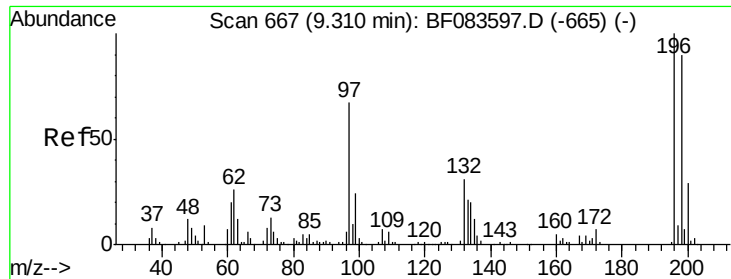
198 95.5 75.2 112.8

200 28.4 23.0 34.6



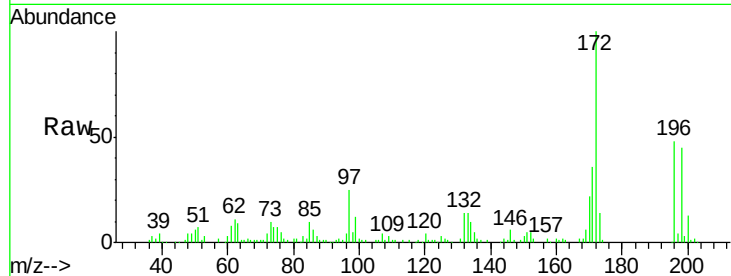
Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





#43  
 2,4,5-Trichlorophenol  
 Concen: 23.22 ng  
 RT: 9.32 min Scan# 668  
 Delta R.T. 0.01 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

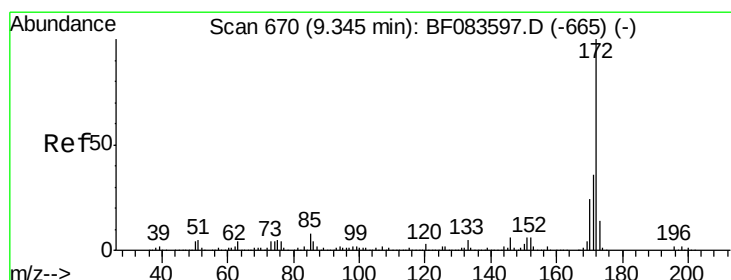
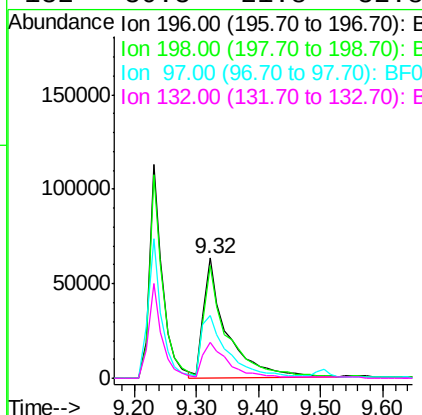
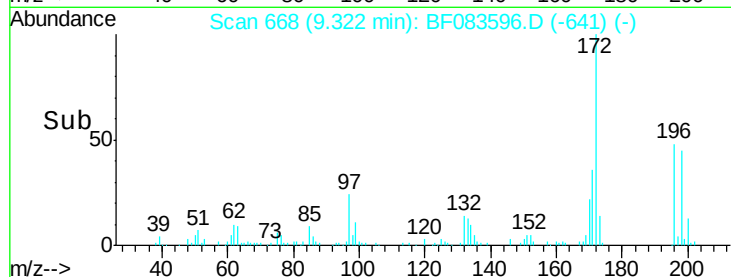
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025



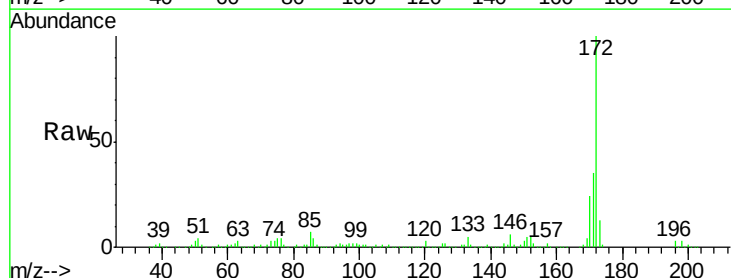
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 161453 |       |       |
| 198     | 93.8  | 77.7   | 116.5 |       |
| 97      | 52.1  | 41.2   | 61.8  |       |
| 132     | 30.3  | 21.8   | 32.8  |       |

Manual Integrations  
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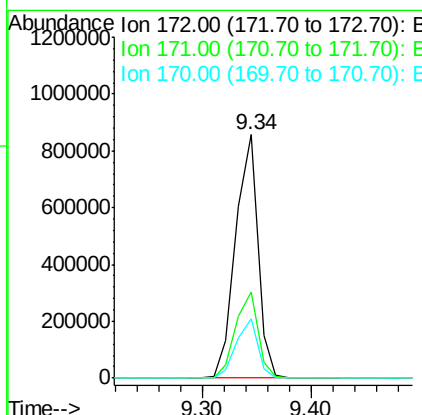
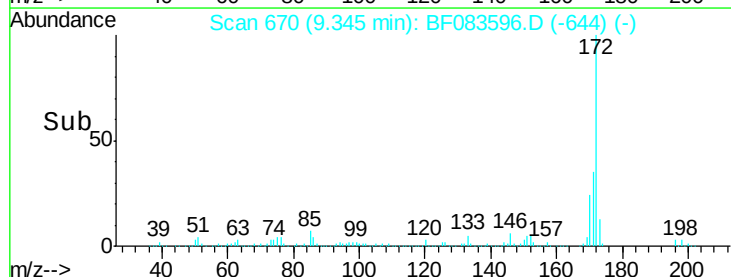
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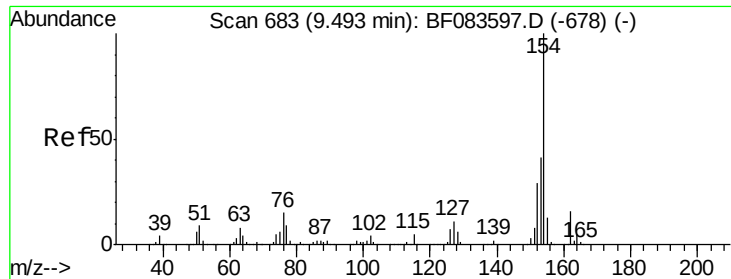


#44  
 2-Fluorobiphenyl  
 Concen: 50.33 ng  
 RT: 9.34 min Scan# 670  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19



| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1215744 |       |       |
| 171     | 35.2  | 28.6    | 42.8  |       |
| 170     | 24.4  | 19.4    | 29.0  |       |





#45

1,1'-Biphenyl

Concen: 25.49 ng

RT: 9.49 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

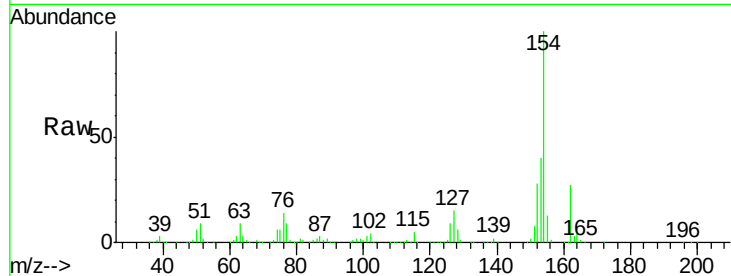
ClientSampleId :

SSTDIC025

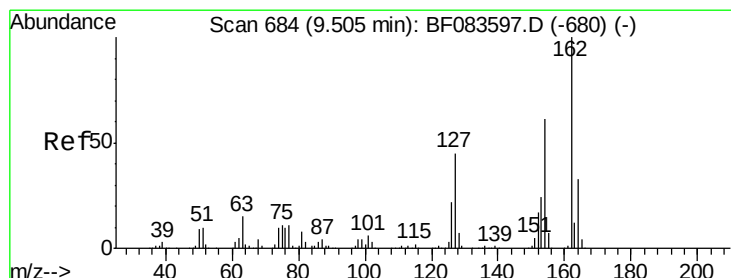
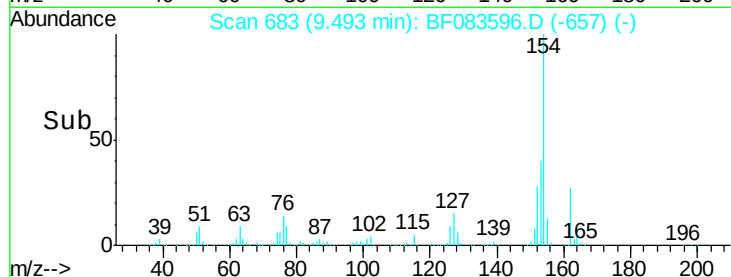
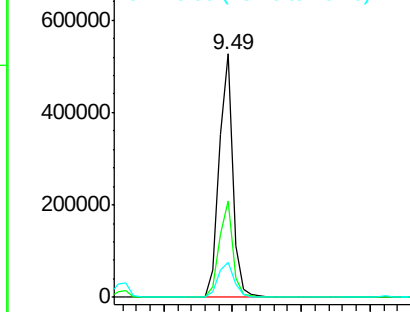
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 743815 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.8  | 20.2  | 60.2   |
| 76        | 14.4  | 0.0   | 34.8   |

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



#46

2-Chloronaphthalene

Concen: 25.45 ng

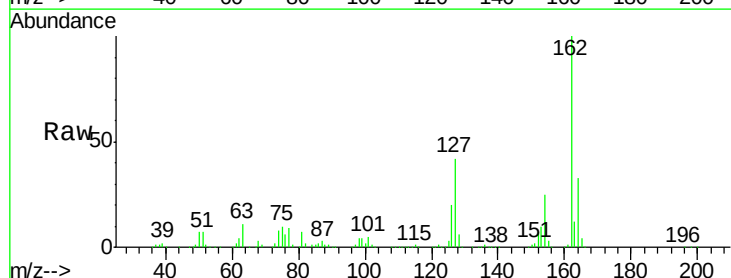
RT: 9.50 min Scan# 684

Delta R.T. 0.00 min

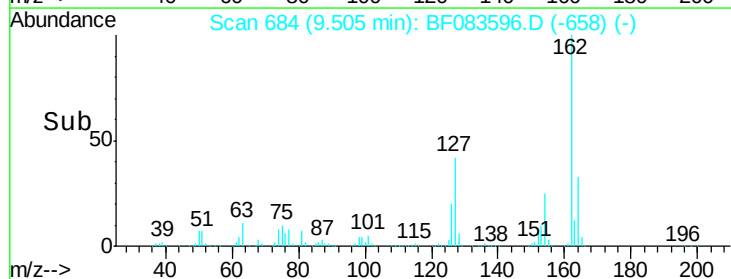
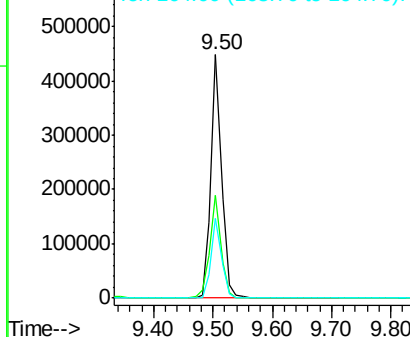
Lab File: BF083596.D

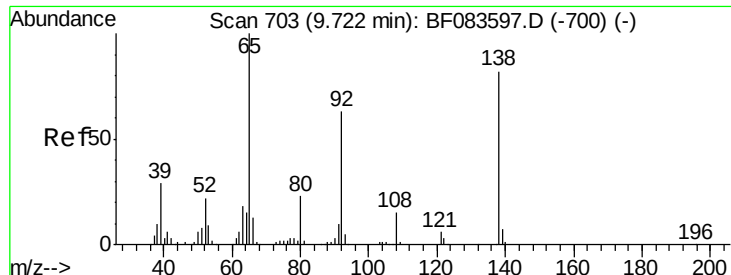
Acq: 8 Dec 2015 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 560492 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 42.0  | 31.0  | 46.4   |
| 164       | 32.6  | 27.4  | 41.0   |



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





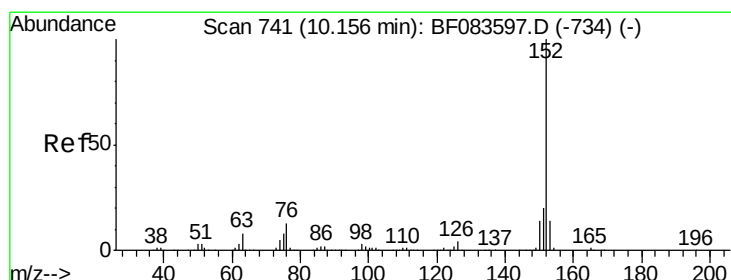
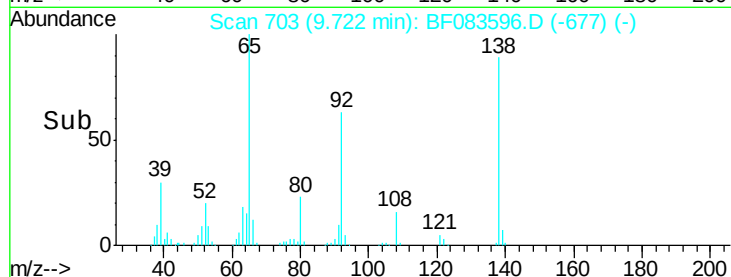
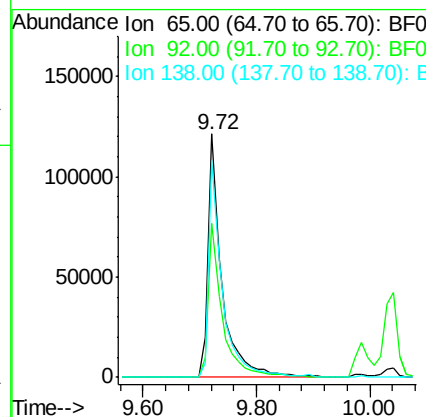
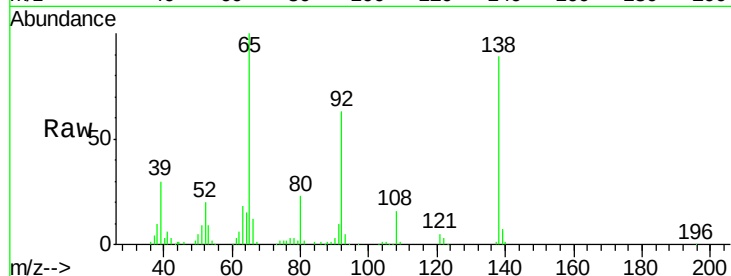
#47  
2-Nitroaniline  
Concen: 25.41 ng  
RT: 9.72 min Scan# 703  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 199692 |       |       |
| 92      | 63.2  | 49.6   | 74.4  |       |
| 138     | 89.0  | 64.1   | 96.1  |       |

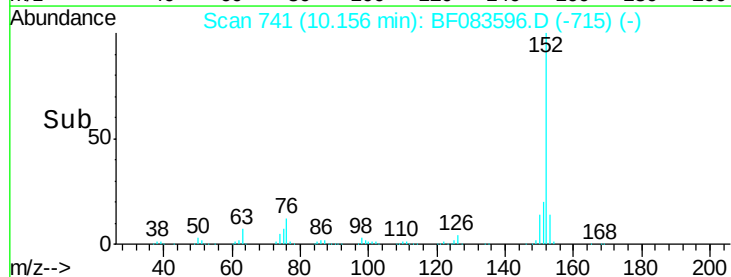
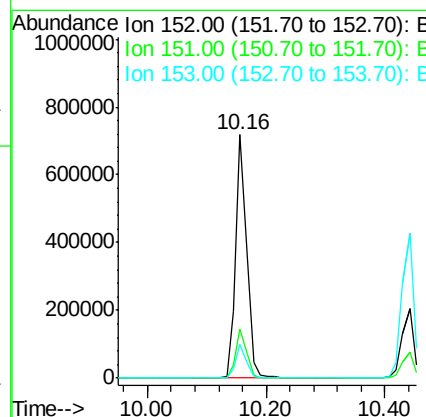
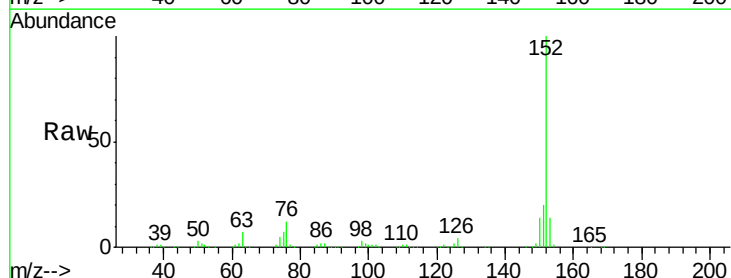
Manual Integrations  
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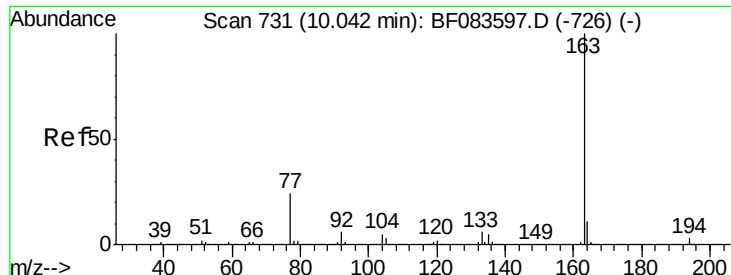
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#48  
Acenaphthylene  
Concen: 25.58 ng  
RT: 10.16 min Scan# 741  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 922336 |       |       |
| 151     | 20.2  | 16.3   | 24.5  |       |
| 153     | 13.7  | 10.8   | 16.2  |       |





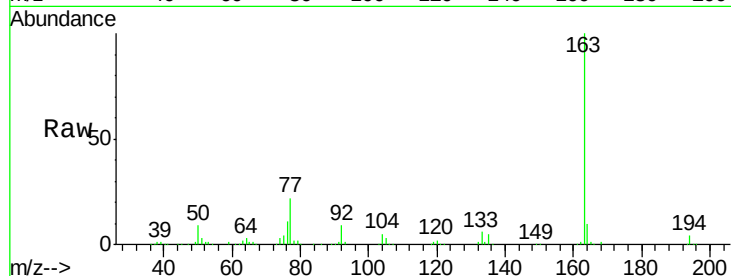
#49  
Dimethylphthalate  
Concen: 25.30 ng  
RT: 10.04 min Scan# 731  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

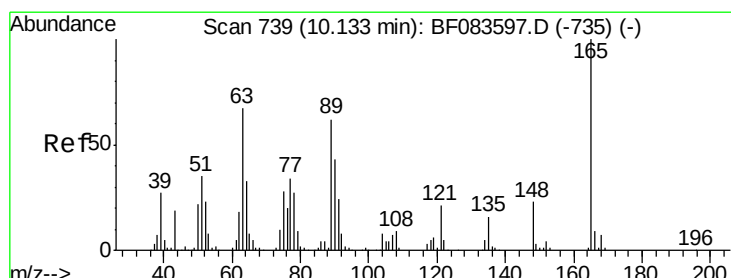
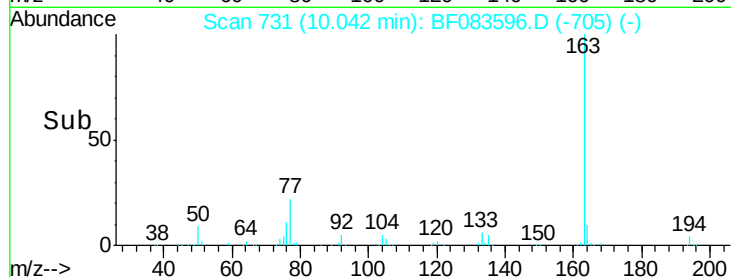
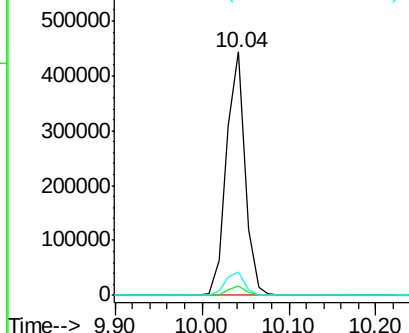
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 658202 |       |       |
| 194     | 3.6   | 2.8    | 4.2   |       |
| 164     | 9.8   | 8.6    | 13.0  |       |

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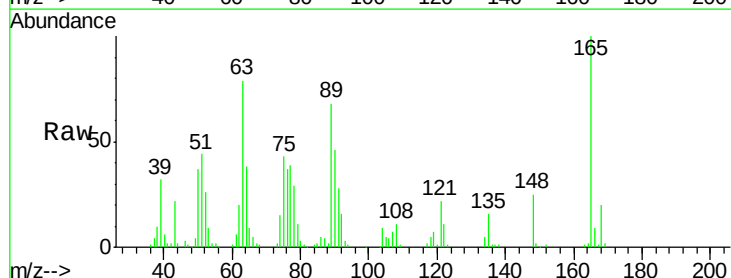


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

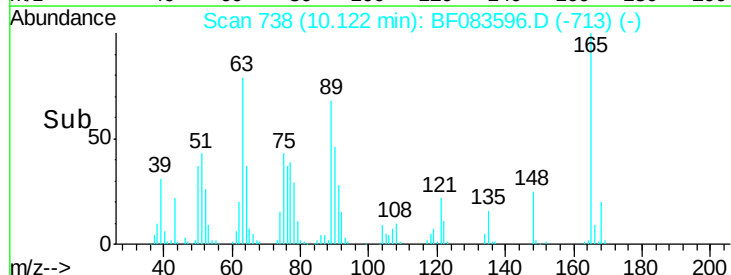
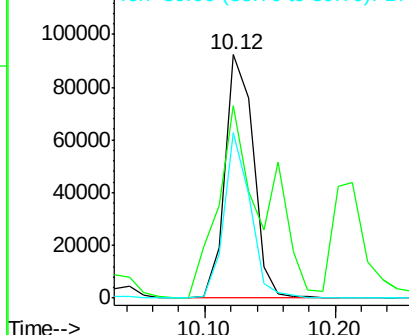


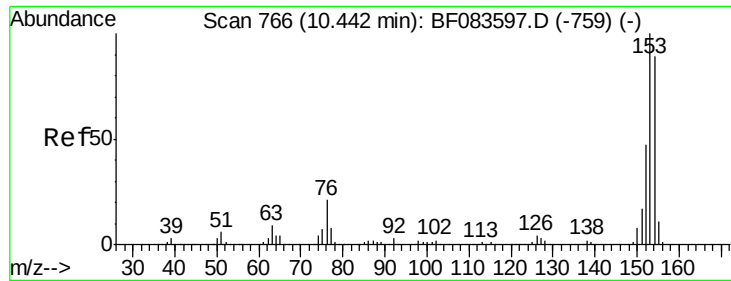
#50  
2,6-Dinitrotoluene  
Concen: 25.45 ng  
RT: 10.12 min Scan# 738  
Delta R.T. -0.01 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 138975 |       |       |
| 63      | 79.1  | 56.9   | 85.3  |       |
| 89      | 68.0  | 52.1   | 78.1  |       |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 24.99 ng

RT: 10.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083596.D

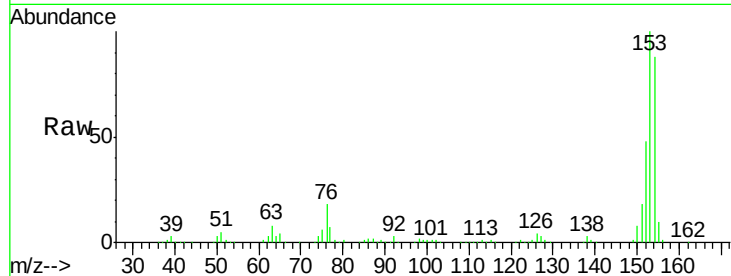
Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

ClientSampleId :

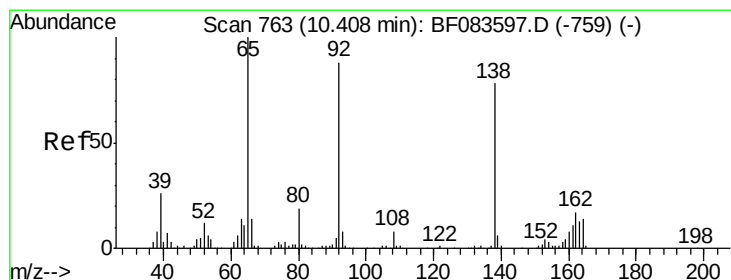
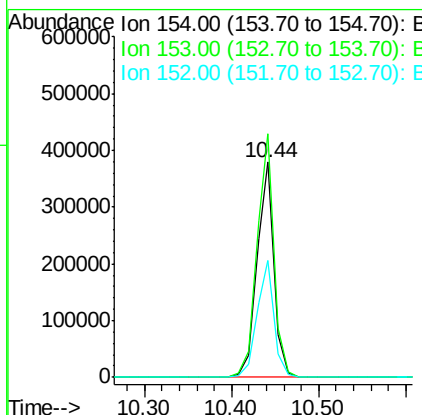
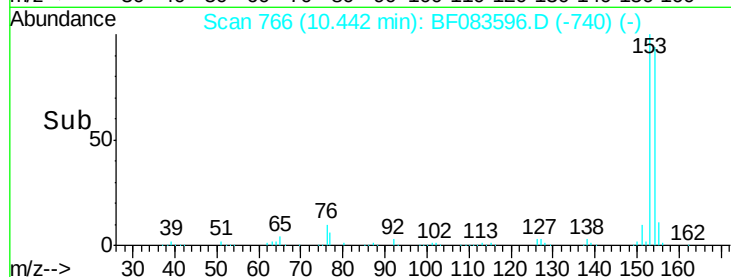
SSTDICC025



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 519754 |       |       |
| 153     | 113.2 | 91.4   | 137.0 |       |
| 152     | 54.4  | 43.4   | 65.2  |       |

Manual Integrations  
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#52

3-Nitroaniline

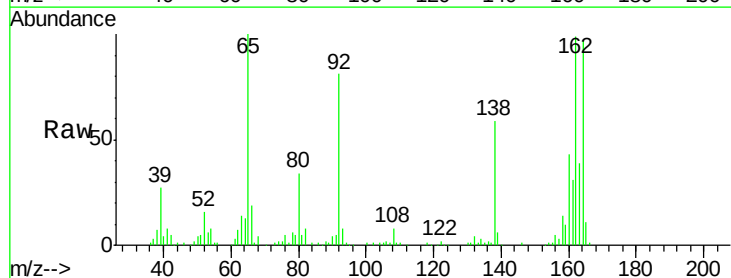
Concen: 25.00 ng

RT: 10.40 min Scan# 762

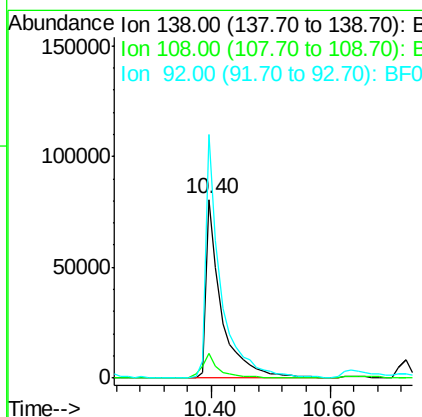
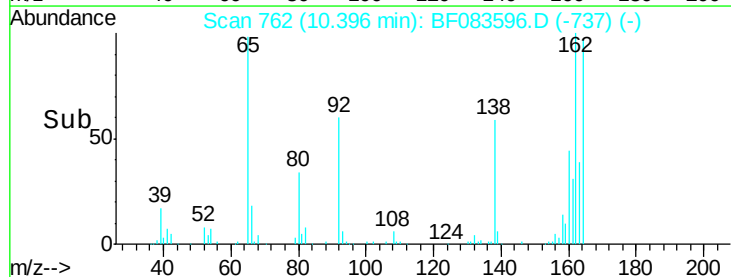
Delta R.T. -0.01 min

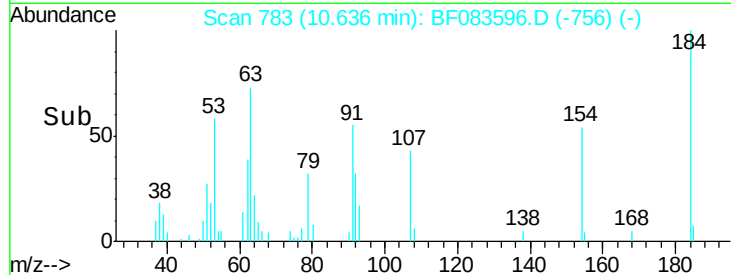
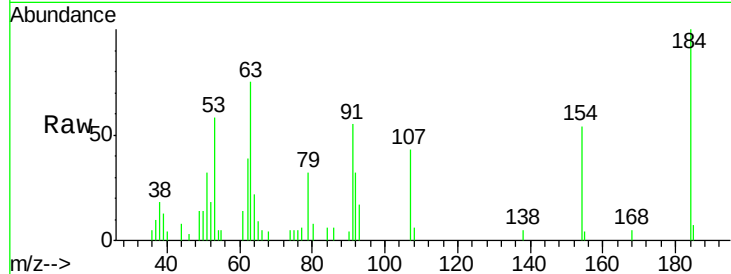
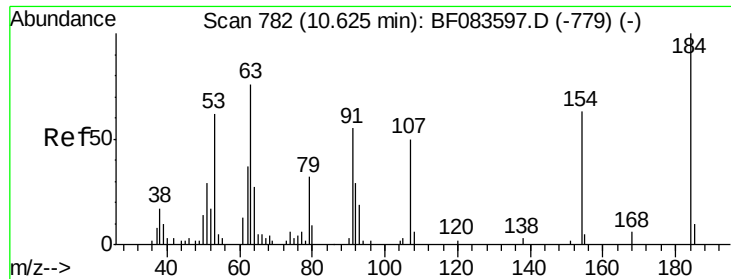
Lab File: BF083596.D

Acq: 8 Dec 2015 15:19



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 147881 |       |       |
| 108     | 13.8  | 9.9    | 14.9  |       |
| 92      | 136.4 | 113.8  | 170.8 |       |





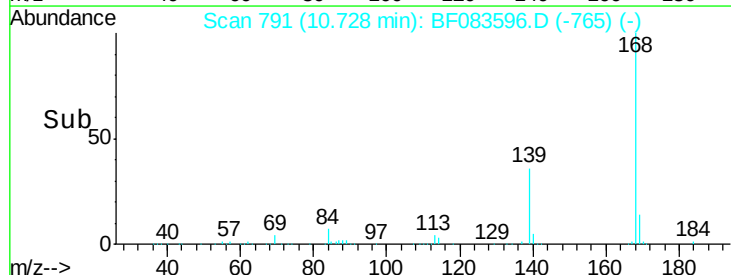
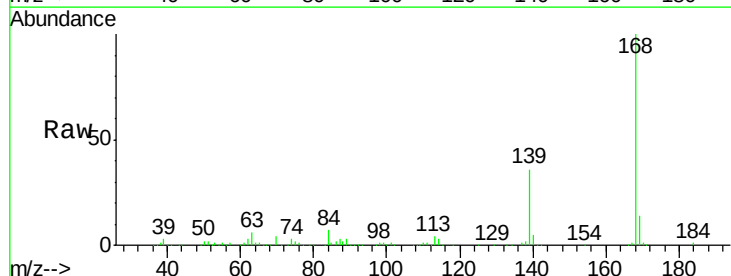
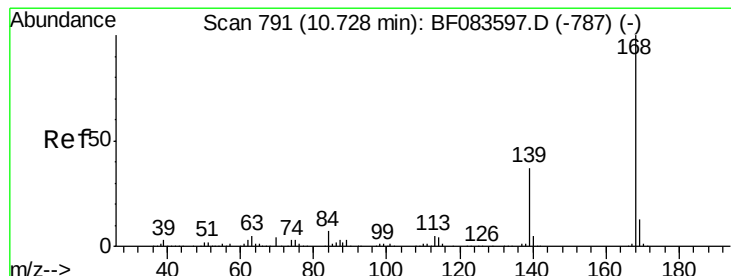
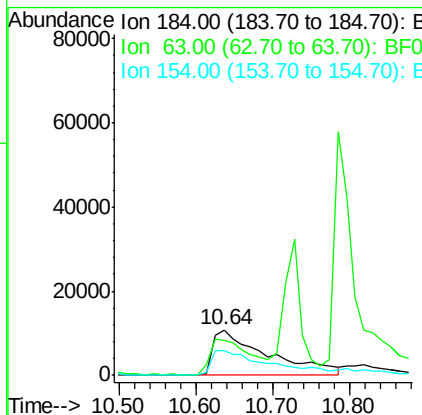
#53  
2,4-Dinitrophenol  
Concen: 22.83 ng  
RT: 10.64 min Scan# 783  
Delta R.T. 0.01 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 53900 |       |       |
| 63      | 75.5  | 62.4  | 93.6  |       |
| 154     | 53.9  | 46.6  | 69.8  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

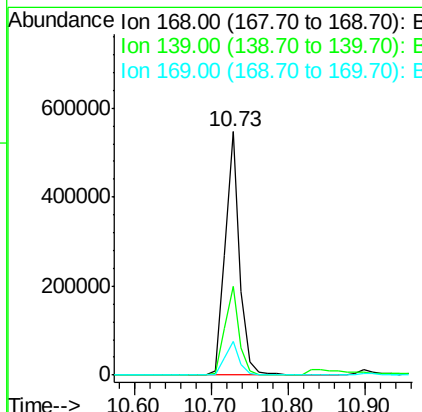
Manual Integrations  
APPROVED

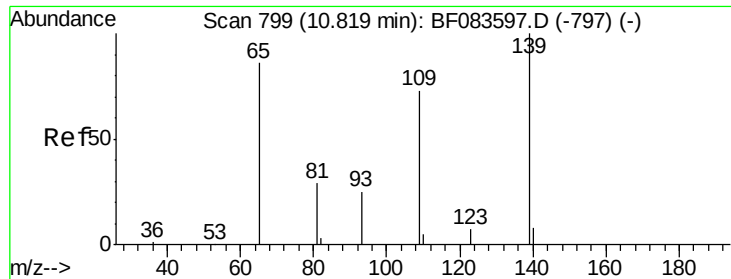
Mmdadoda  
12/9/2015 6:13:13 PM



#54  
Dibenzofuran  
Concen: 25.12 ng  
RT: 10.73 min Scan# 791  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 724949 |       |       |
| 139     | 36.4  | 28.0   | 42.0  |       |
| 169     | 13.7  | 10.8   | 16.2  |       |





#55

4-Nitrophenol

Concen: 19.24 ng

RT: 10.84 min Scan# 801

Delta R.T. 0.02 min

Lab File: BF083596.D

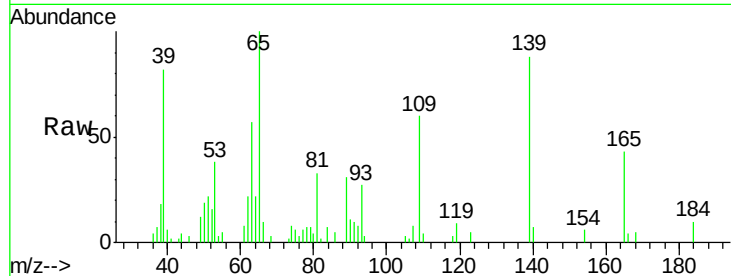
Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

ClientSampleId :

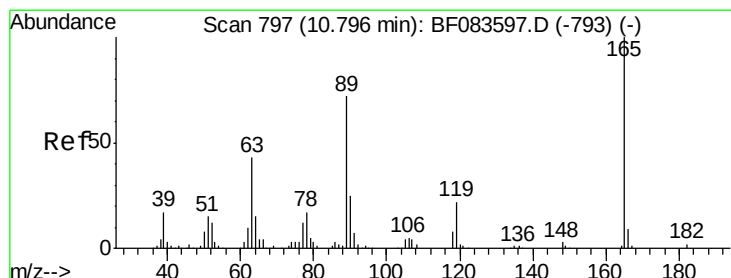
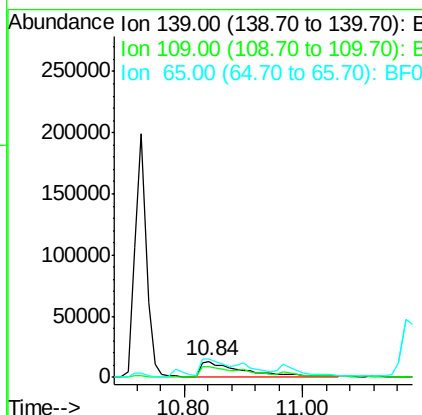
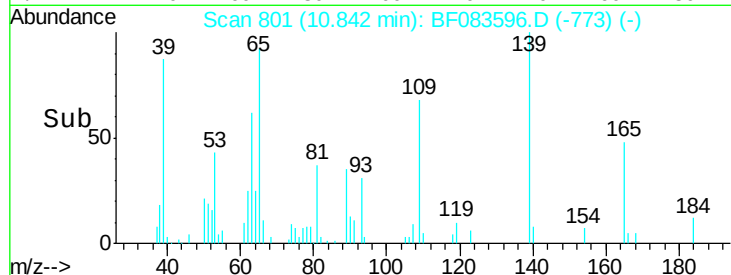
SSTDICC025



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 61476 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 67.9  | 42.0  | 82.0  |
| 65        | 113.0 | 89.2  | 129.2 |

Manual Integrations  
APPROVED

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



#56

2,4-Dinitrotoluene

Concen: 26.43 ng

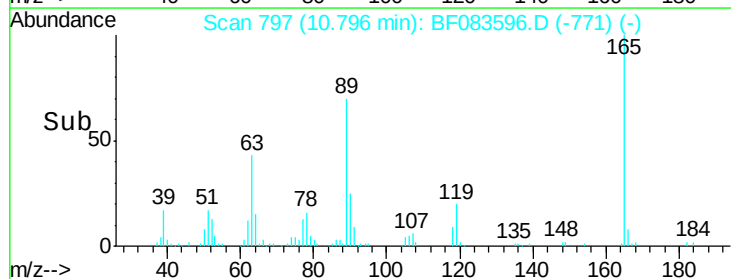
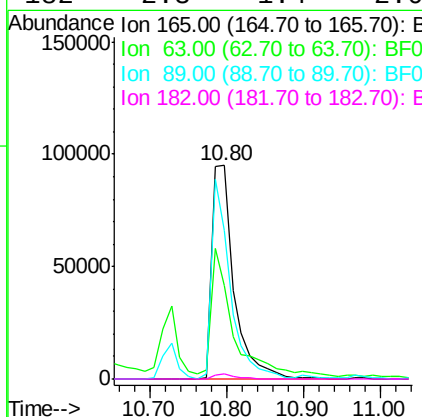
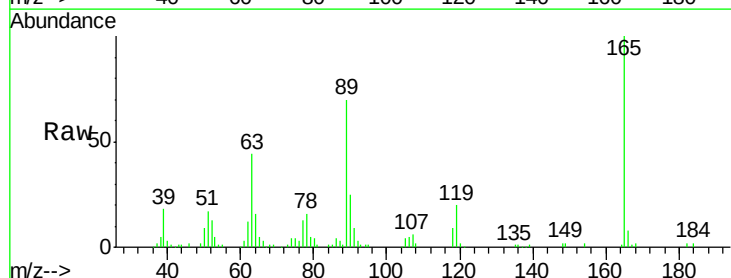
RT: 10.80 min Scan# 797

Delta R.T. 0.00 min

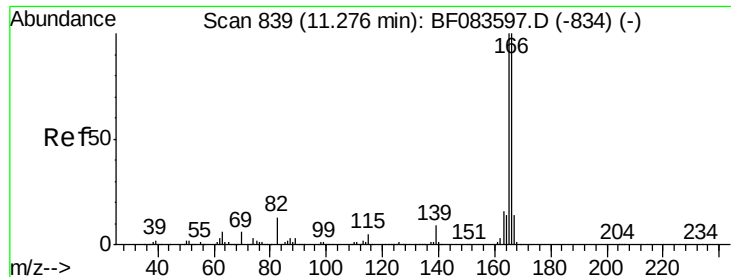
Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 190167 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 44.0  | 51.4  | 77.2#  |
| 89        | 69.6  | 72.6  | 108.8# |
| 182       | 2.3   | 1.4   | 2.0#   |







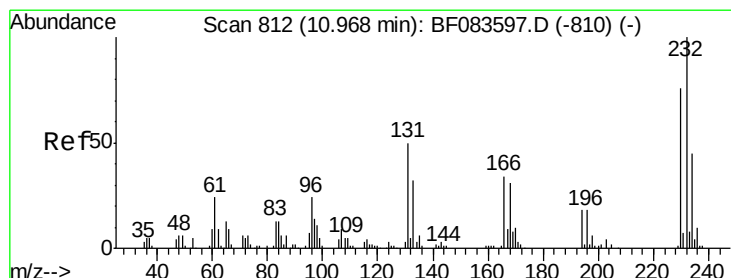
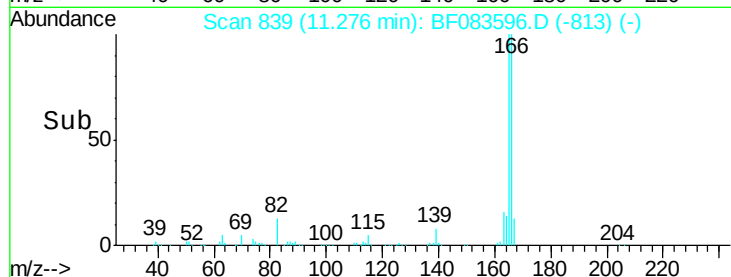
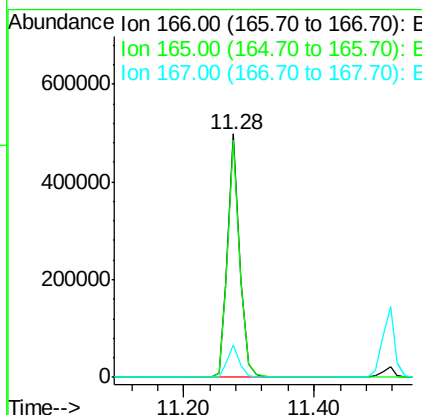
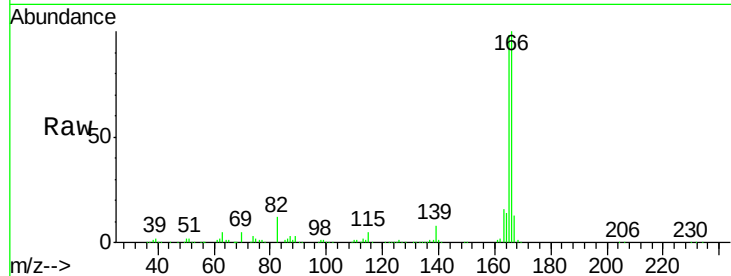
#57  
 Fluorene  
 Concen: 25.59 ng  
 RT: 11.28 min Scan# 839  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 639774 |       |       |
| 165     | 97.7  | 80.0   | 120.0 |       |
| 167     | 13.3  | 10.6   | 16.0  |       |

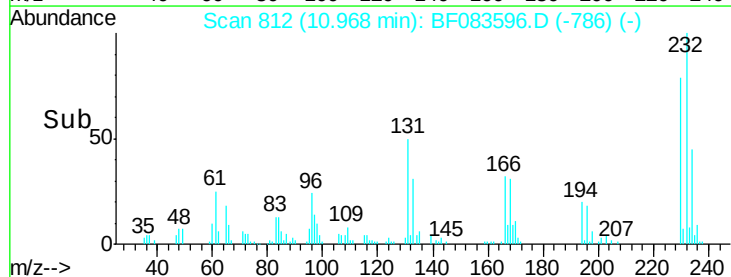
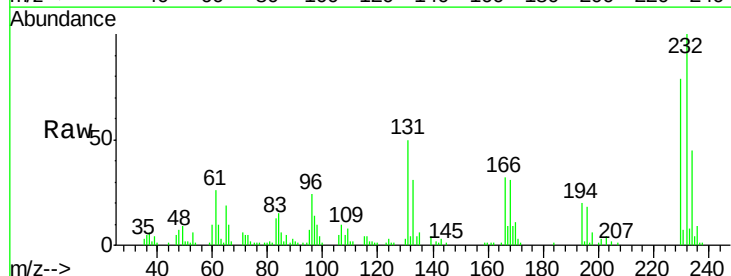
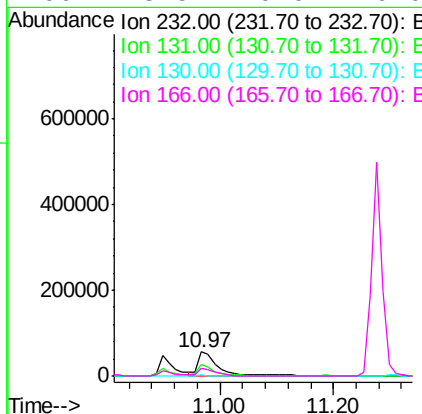
Manual Integrations  
 APPROVED

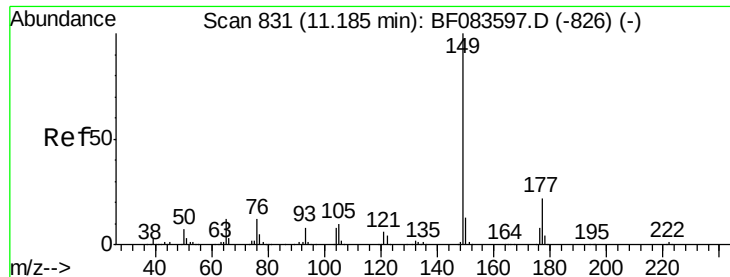
Mmdadoda  
 12/9/2015 6:13:13 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 24.55 ng  
 RT: 10.97 min Scan# 812  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 128496 |       |       |
| 131     | 44.4  | 0.0    | 0.0#  |       |
| 130     | 2.1   | 0.0    | 0.0#  |       |
| 166     | 28.5  | 0.0    | 0.0#  |       |





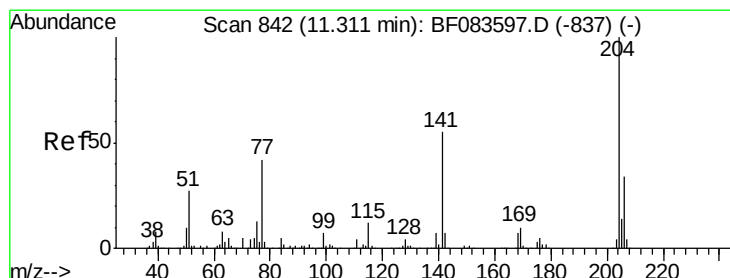
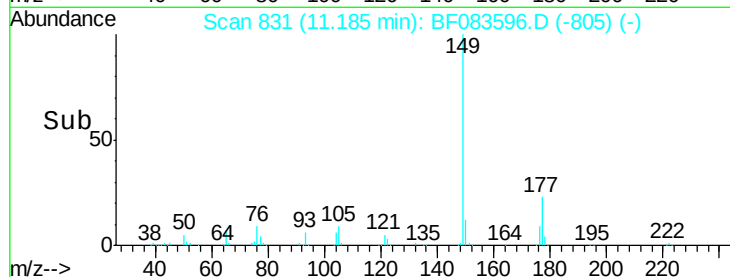
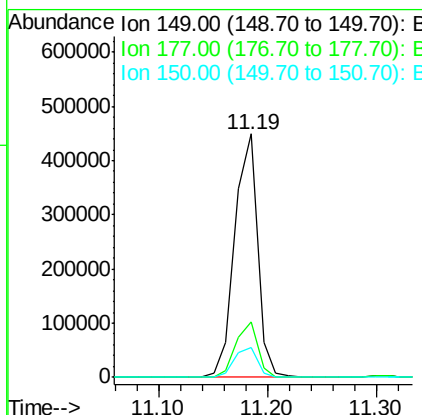
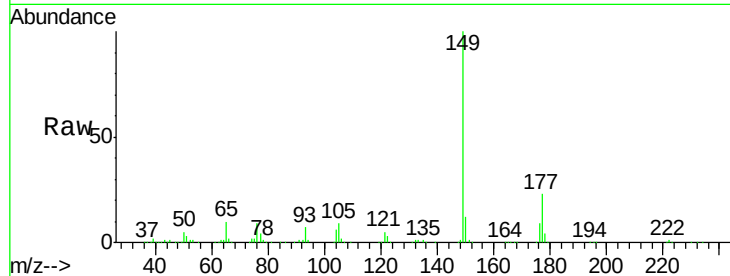
#59  
Diethylphthalate  
Concen: 25.96 ng  
RT: 11.19 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.0  | 16.9  | 25.3  |
| 150     | 12.4  | 10.2  | 15.4  |

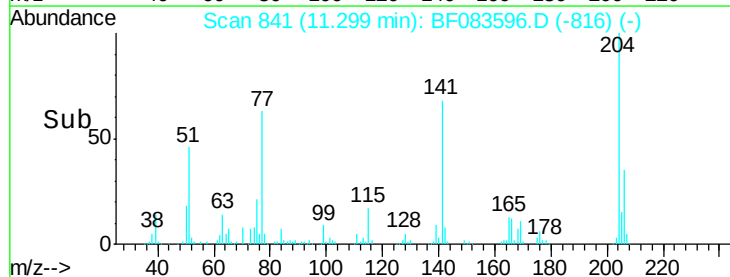
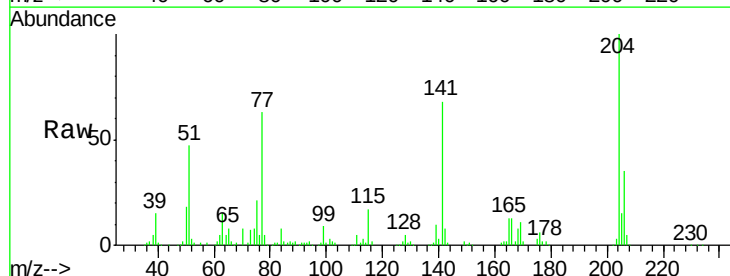
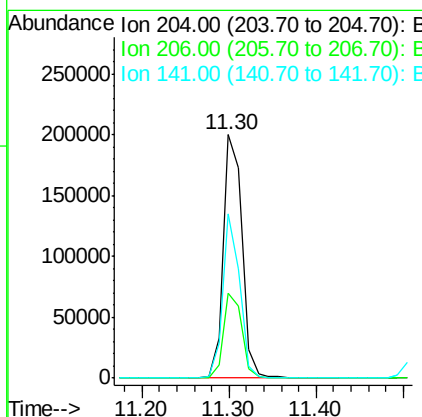
Manual Integrations  
APPROVED

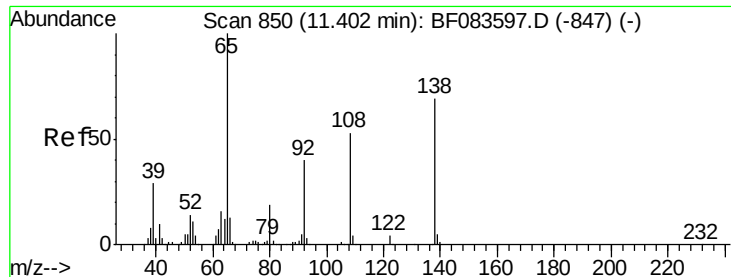
Mmdadoda  
12/9/2015 6:13:13 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 24.96 ng  
RT: 11.30 min Scan# 841  
Delta R.T. -0.01 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.0  | 27.3  | 40.9  |
| 141     | 67.6  | 51.9  | 77.9  |





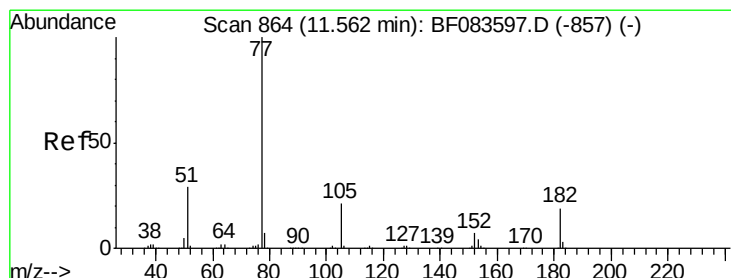
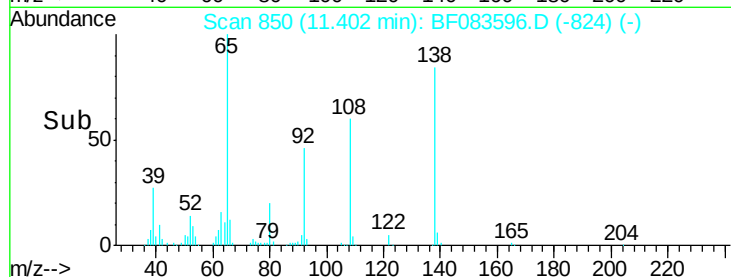
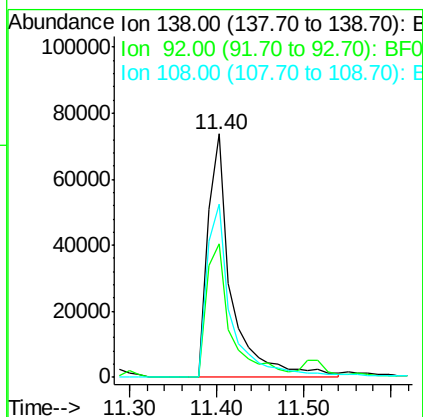
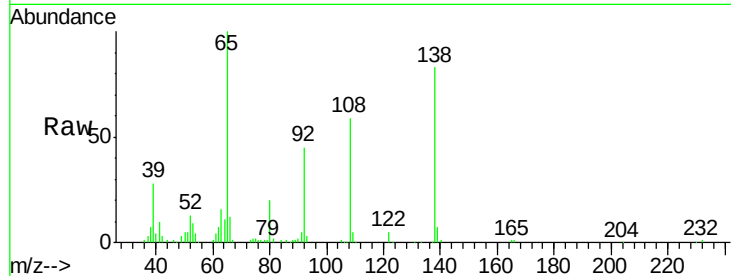
#61  
4-Nitroaniline  
Concen: 26.06 ng  
RT: 11.40 min Scan# 850  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.7  | 29.0  | 69.0  |
| 108     | 71.0  | 47.4  | 87.4  |

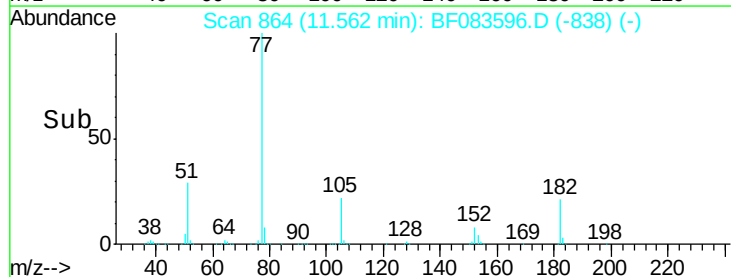
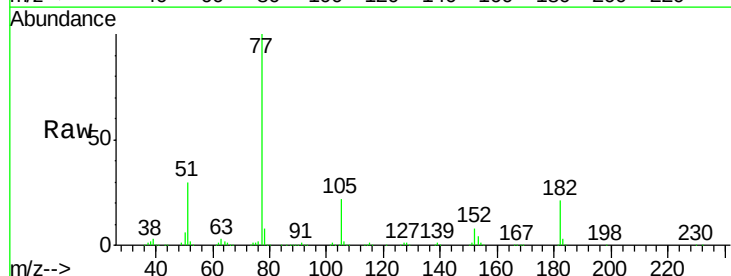
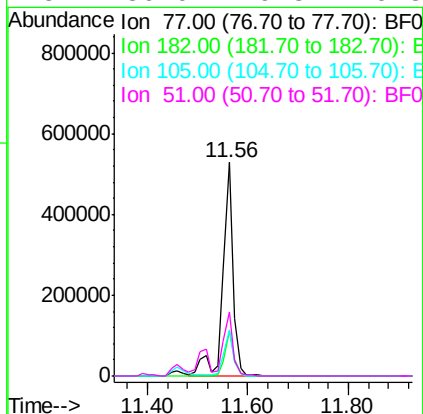
Manual Integrations  
APPROVED

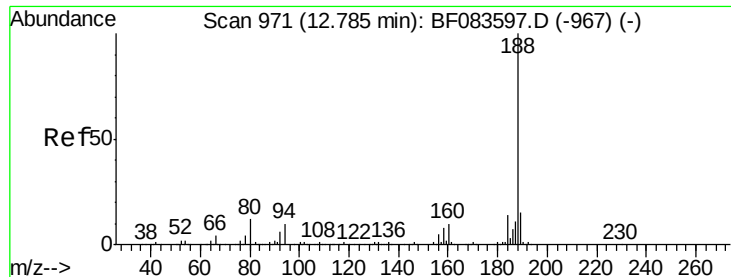
Mmdadoda  
12/9/2015 6:13:13 PM



#62  
Azobenzene  
Concen: 27.78 ng  
RT: 11.56 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 21.0  | 2.5   | 42.5  |
| 105     | 21.9  | 2.1   | 42.1  |
| 51      | 30.0  | 9.3   | 49.3  |





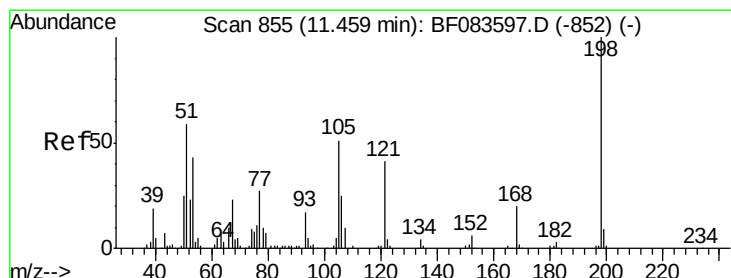
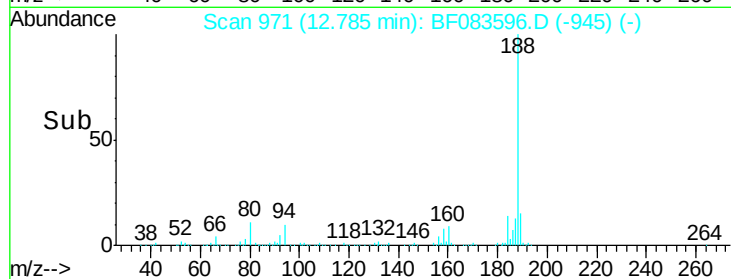
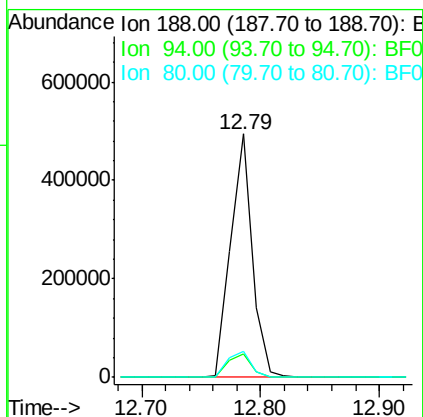
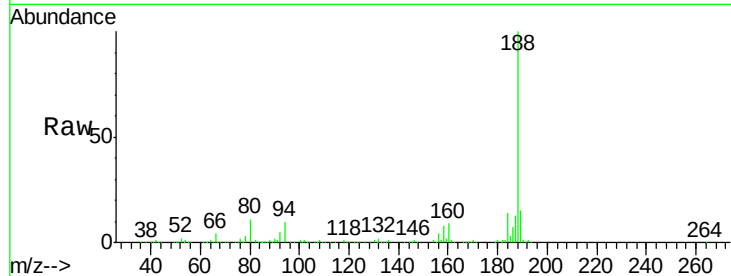
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.79 min Scan# 971  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 9.7   | 9.4        | 14.2       |
| 80      | 10.9  | 10.6       | 16.0       |

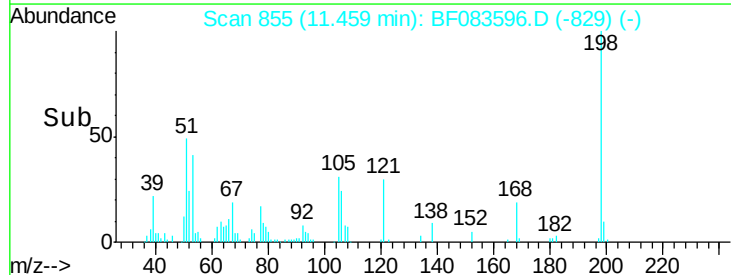
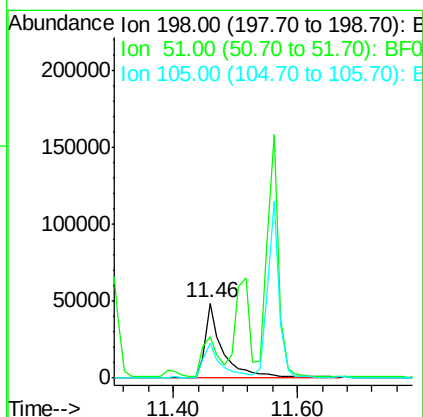
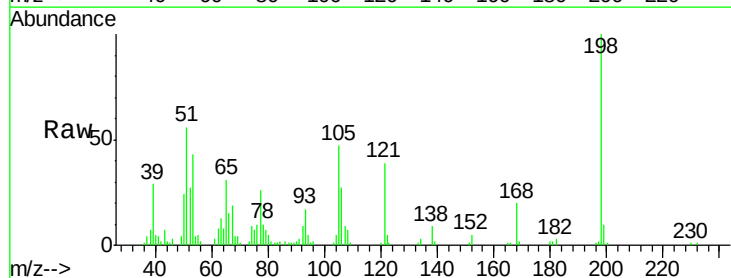
Manual Integrations  
APPROVED

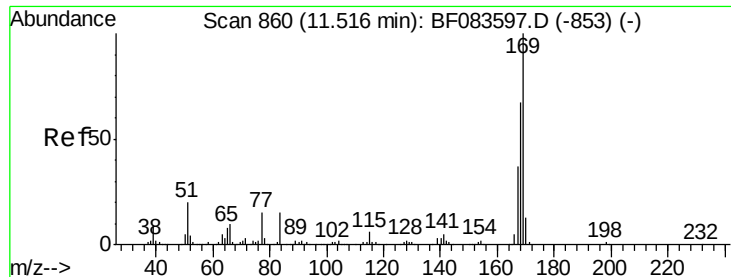
Mmdadoda  
12/9/2015 6:13:13 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 24.79 ng  
RT: 11.46 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 55.6  | 53.8       | 93.8       |
| 105     | 46.8  | 38.6       | 78.6       |





#65

n-Nitrosodiphenylamine

Concen: 25.06 ng

RT: 11.52 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

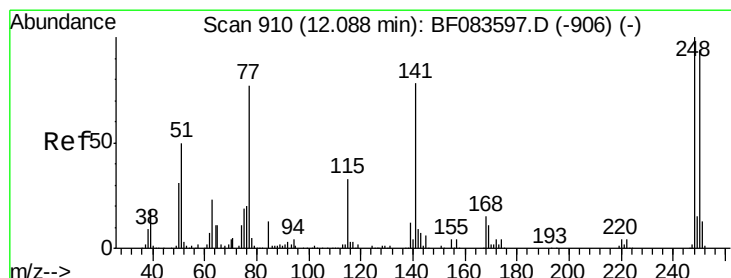
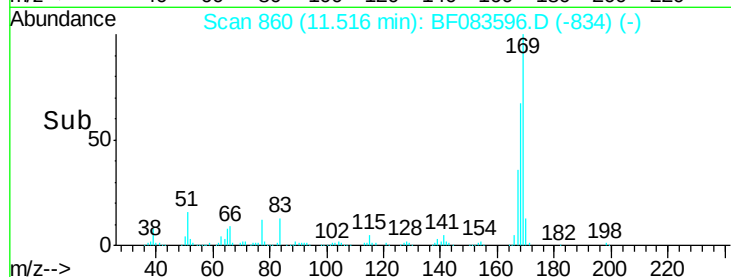
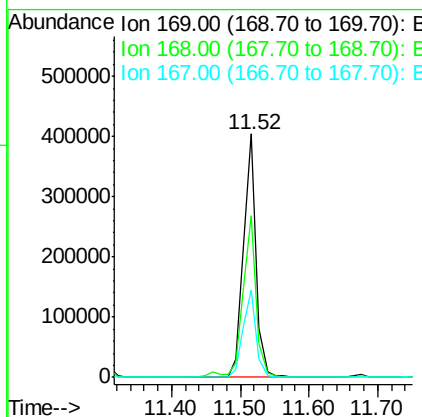
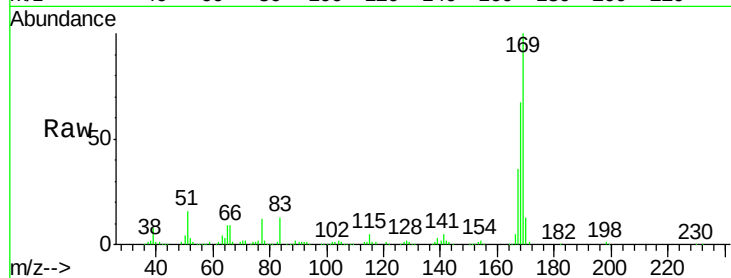
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 519590 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.6  | 53.0  | 79.6   |
| 167       | 35.9  | 29.3  | 43.9   |

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



#66

4-Bromophenyl-phenylether

Concen: 25.74 ng

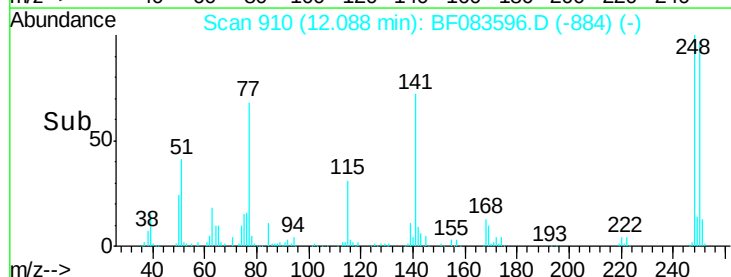
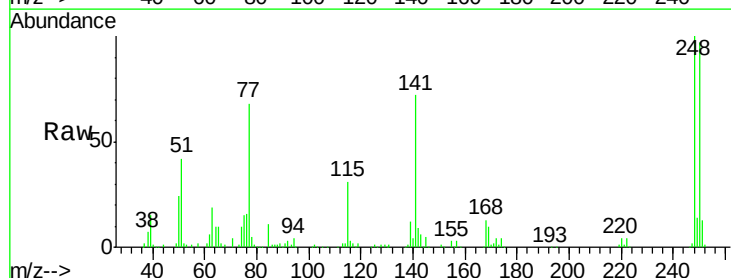
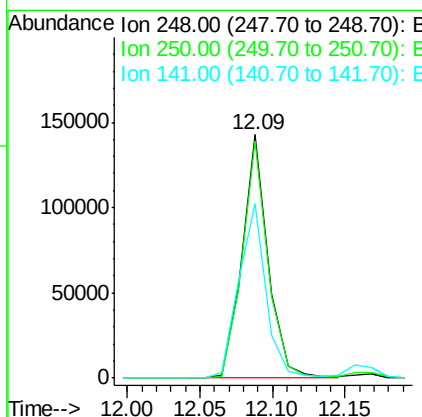
RT: 12.09 min Scan# 910

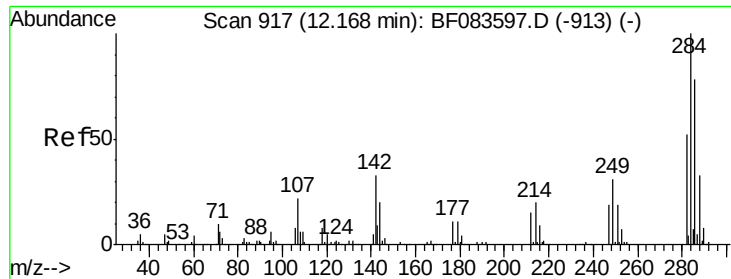
Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 176897 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.2  | 79.2  | 118.8  |
| 141       | 71.8  | 58.2  | 87.4   |





#67

Hexachlorobenzene

Concen: 25.41 ng

RT: 12.17 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083596.D

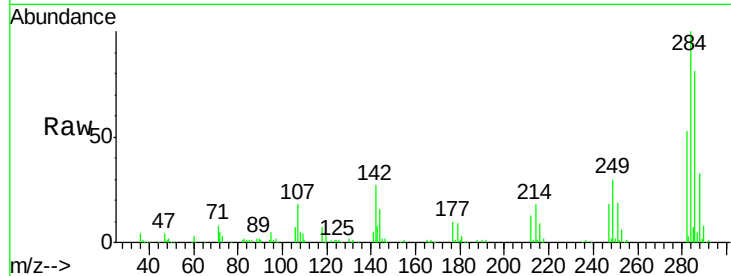
Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

ClientSampleId :

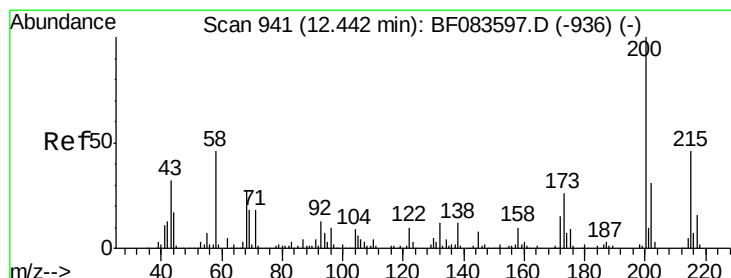
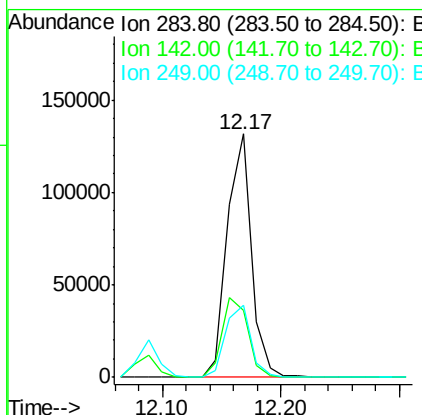
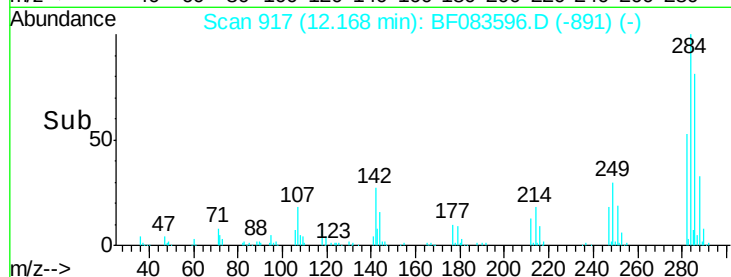
SSTDIC025



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 186492 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 27.3  | 31.0  | 46.4#  |
| 249       | 29.7  | 26.9  | 40.3   |

Manual Integrations  
APPROVED

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



#68

Atrazine

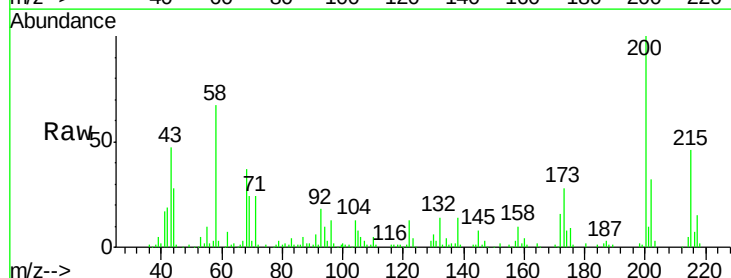
Concen: 25.04 ng

RT: 12.43 min Scan# 940

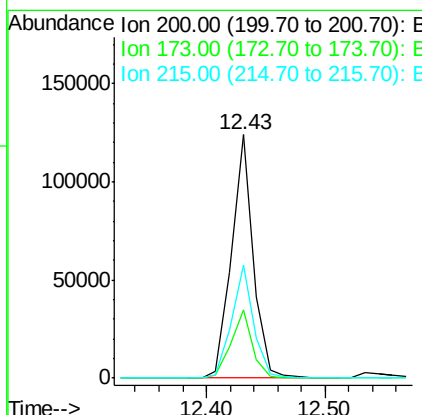
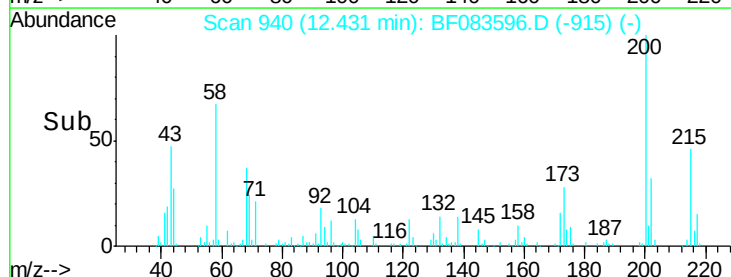
Delta R.T. -0.01 min

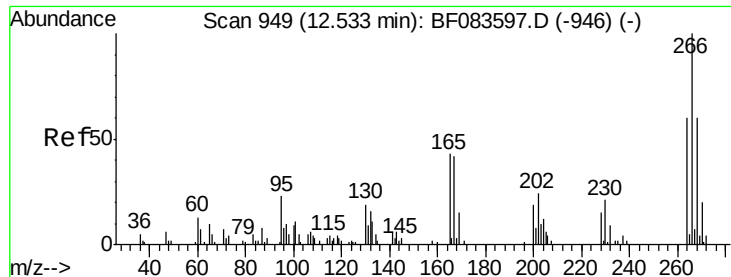
Lab File: BF083596.D

Acq: 8 Dec 2015 15:19



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 157298 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 27.9  | 7.8   | 47.8   |
| 215       | 46.4  | 25.7  | 65.7   |





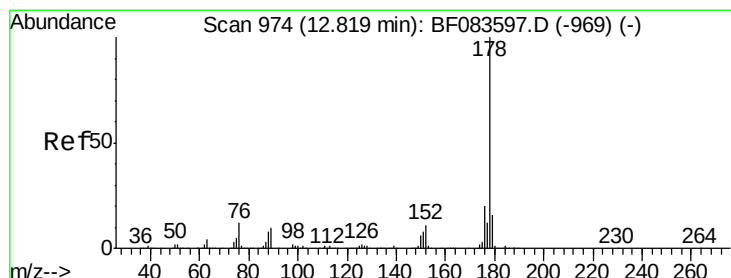
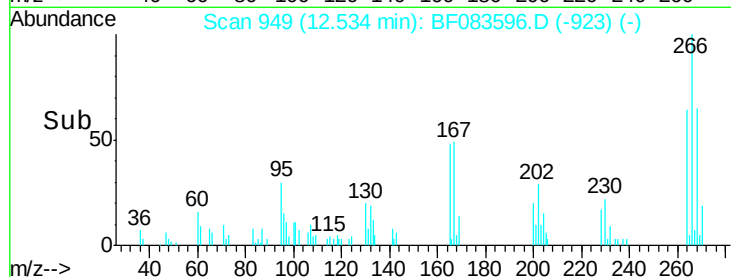
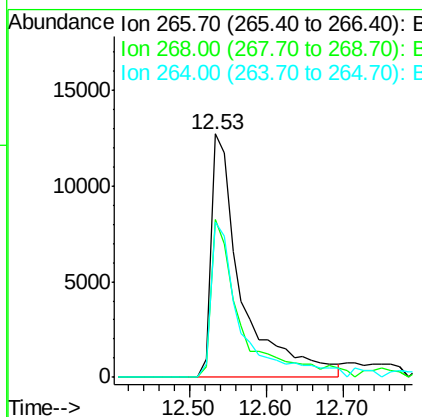
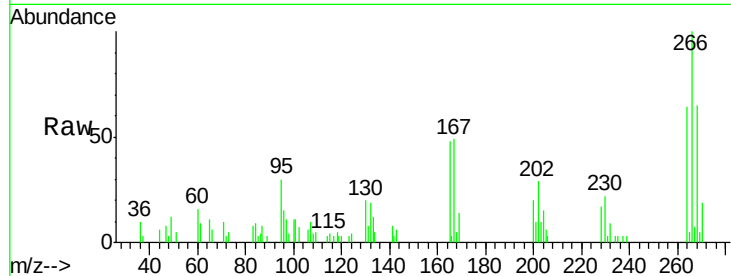
#69  
 Pentachlorophenol  
 Concen: 12.78 ng  
 RT: 12.53 min Scan# 949  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.8  | 50.2  | 75.2  |
| 264     | 63.8  | 51.4  | 77.2  |

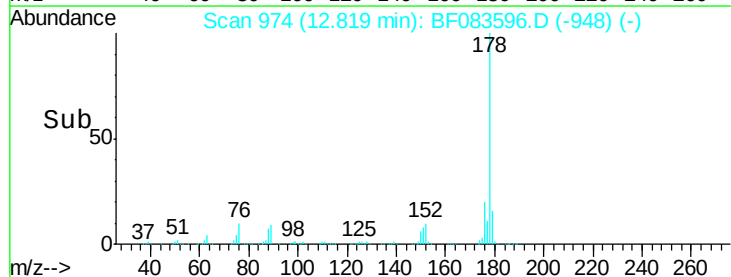
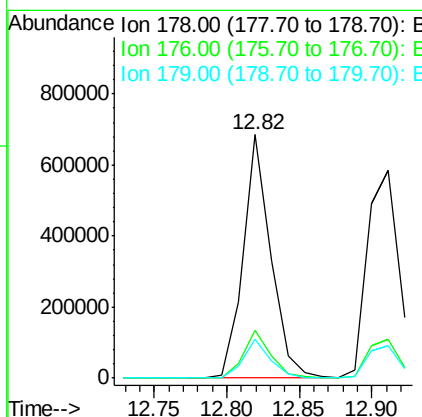
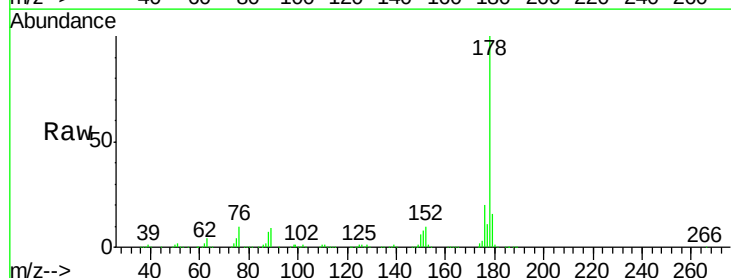
Manual Integrations  
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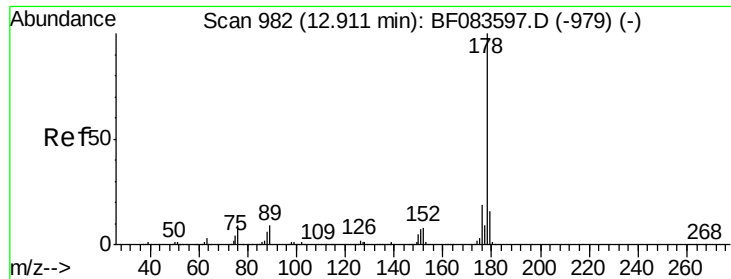
Mmdadoda  
 12/9/2015 6:13:13 PM



#70  
 Phenanthrene  
 Concen: 24.92 ng  
 RT: 12.82 min Scan# 974  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.7  | 23.5  |
| 179     | 15.7  | 12.2  | 18.4  |





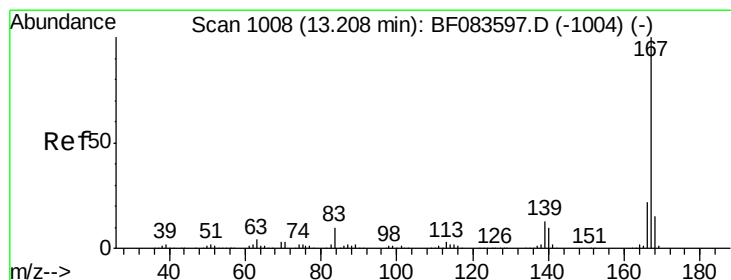
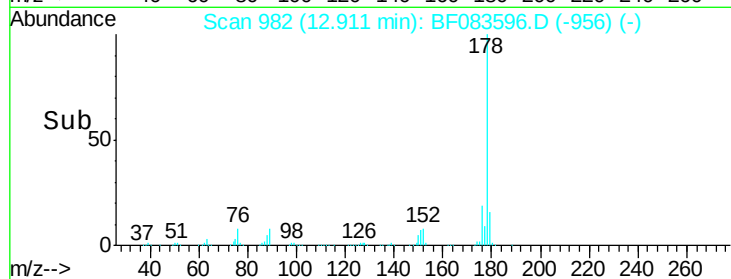
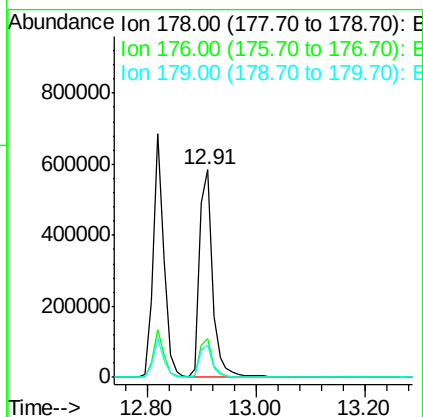
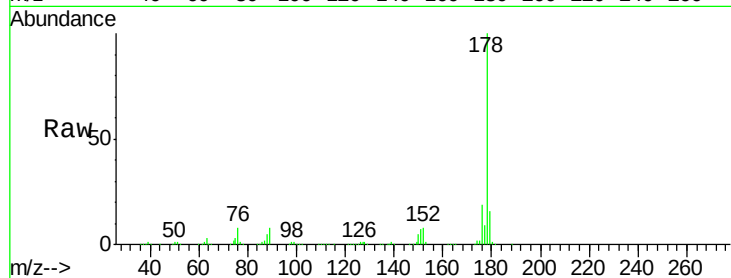
#71  
 Anthracene  
 Concen: 25.75 ng  
 RT: 12.91 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.2  | 22.8  |
| 179     | 15.6  | 12.6  | 18.8  |

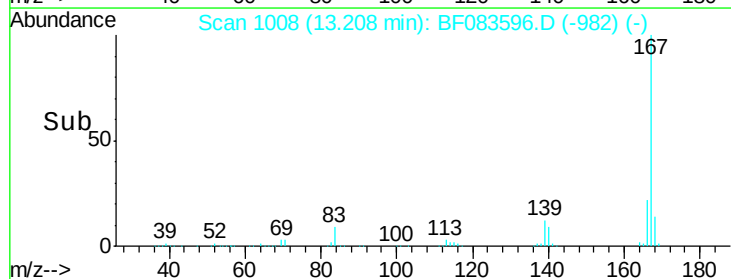
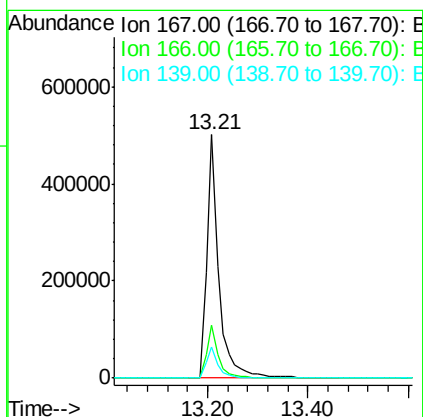
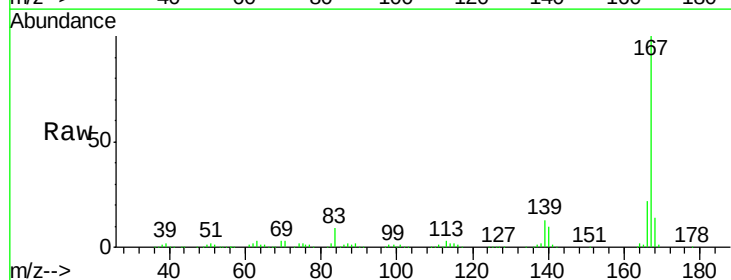
Manual Integrations  
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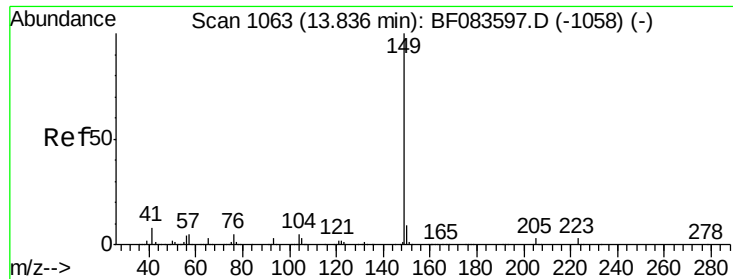


#72  
 Carbazole  
 Concen: 25.60 ng  
 RT: 13.21 min Scan# 1008  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.2  | 25.8  |
| 139     | 12.6  | 9.3   | 13.9  |







#73

Di-n-butylphthalate

Concen: 26.85 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

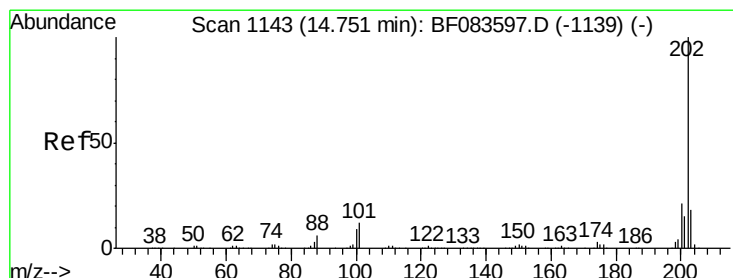
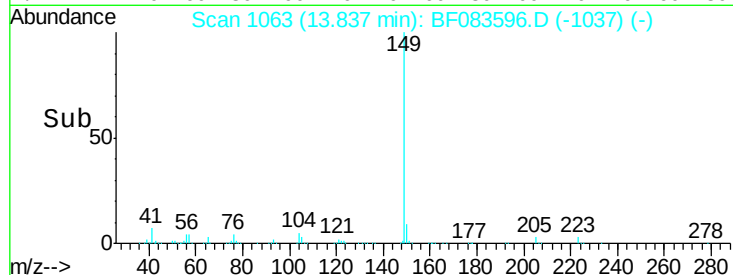
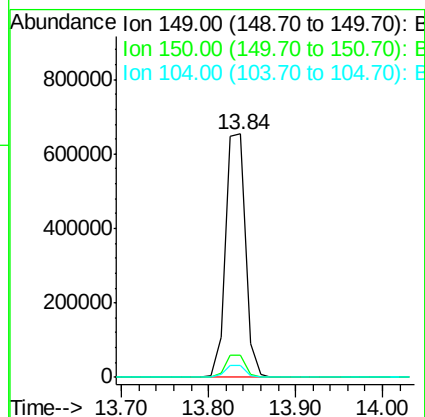
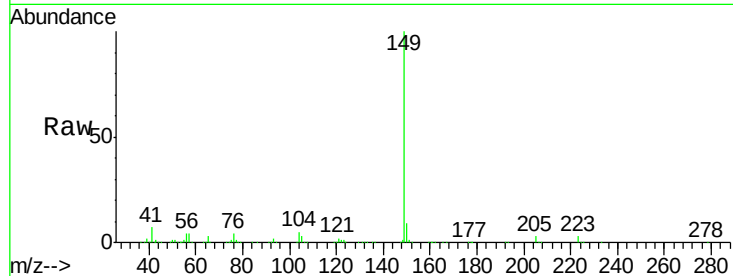
ClientSampleId :

SSTDICC025

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1039175 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 150       | 9.3   | 7.8   | 11.6    |
| 104       | 4.7   | 3.9   | 5.9     |

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#74

Fluoranthene

Concen: 26.21 ng

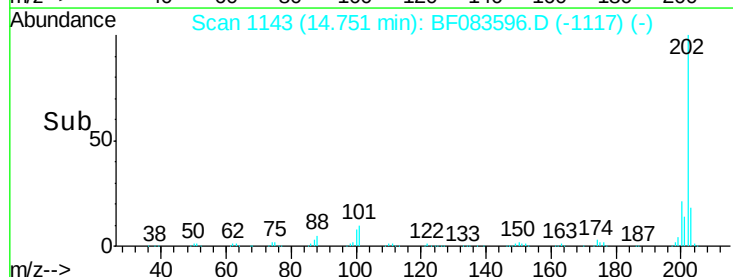
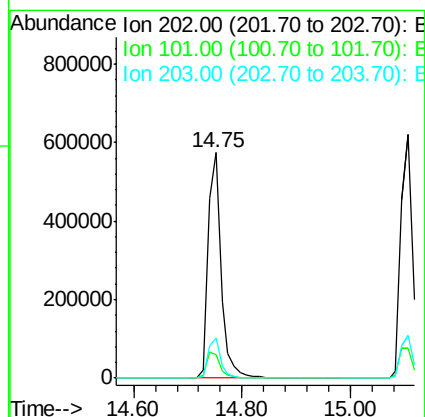
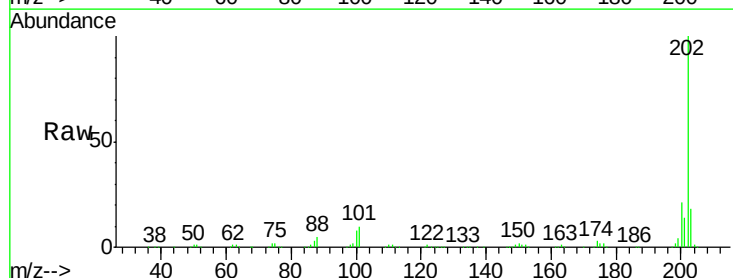
RT: 14.75 min Scan# 1143

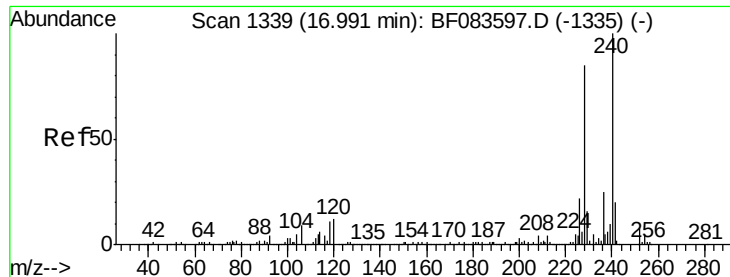
Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 948510 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.4  | 0.0   | 31.5   |
| 203       | 17.8  | 0.0   | 37.6   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

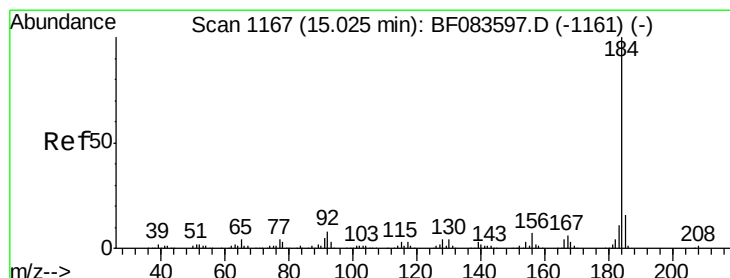
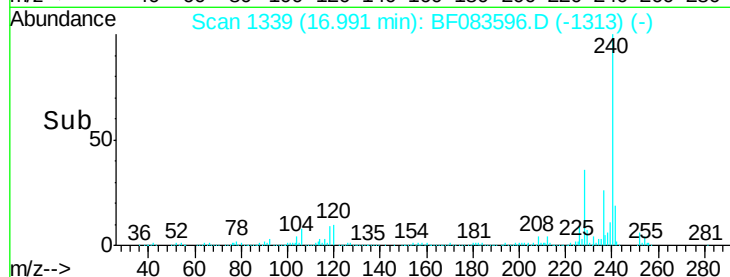
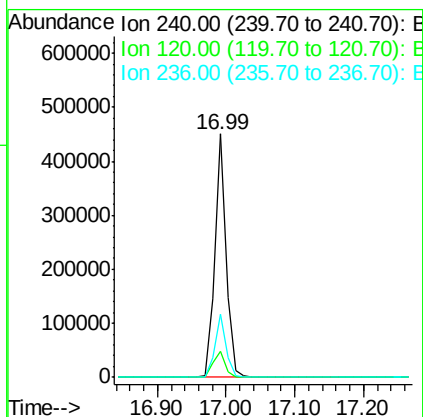
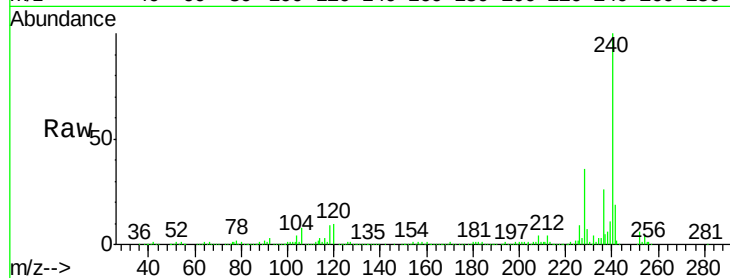
ClientSampleId :

SSTDICC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 529281 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.5  | 8.1   | 12.1   |
| 236       | 25.7  | 20.8  | 31.2   |

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#76

Benzidine

Concen: 25.04 ng

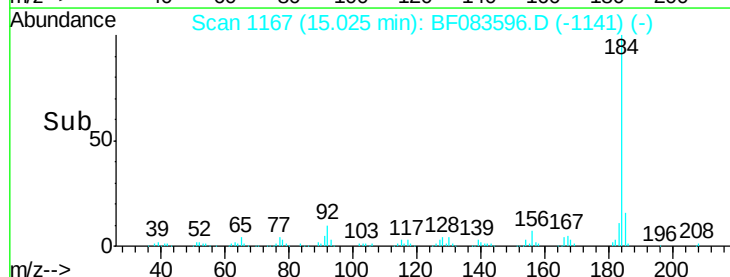
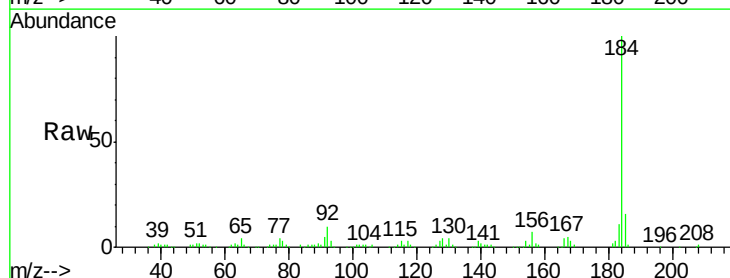
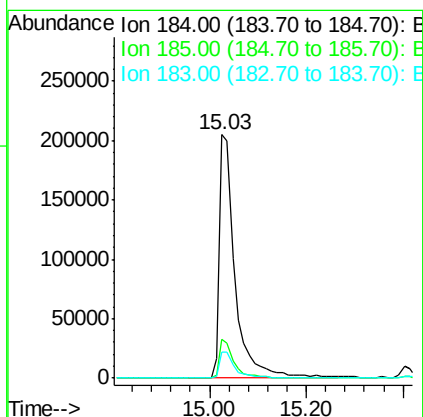
RT: 15.03 min Scan# 1167

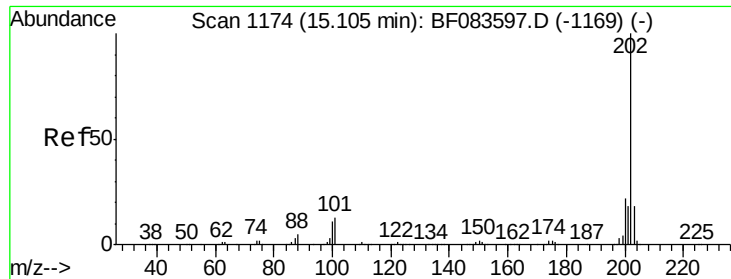
Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 469087 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.8  | 13.0  | 19.6   |
| 183       | 10.6  | 9.0   | 13.4   |





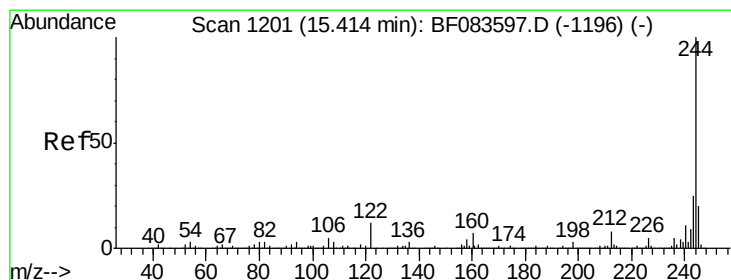
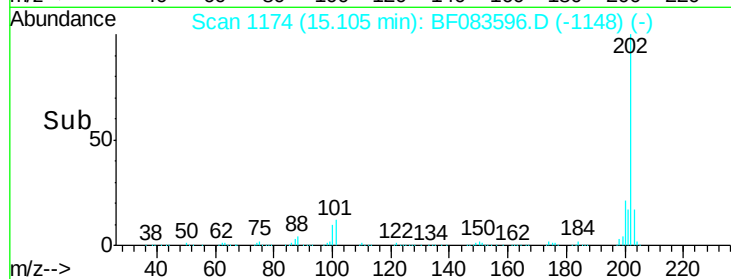
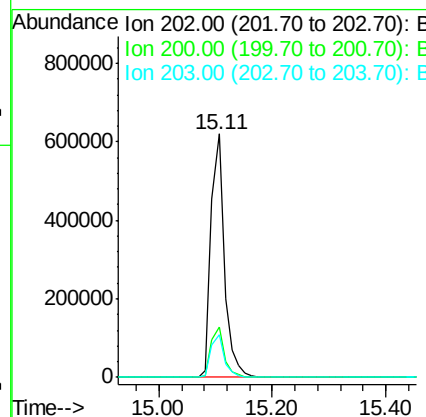
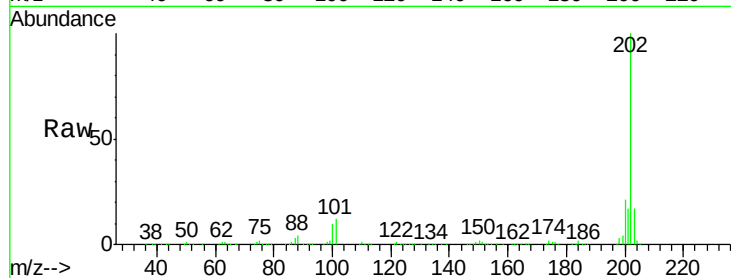
#77  
 Pyrene  
 Concen: 24.82 ng  
 RT: 15.11 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.6  | 16.7  | 25.1  |
| 203     | 17.4  | 14.3  | 21.5  |

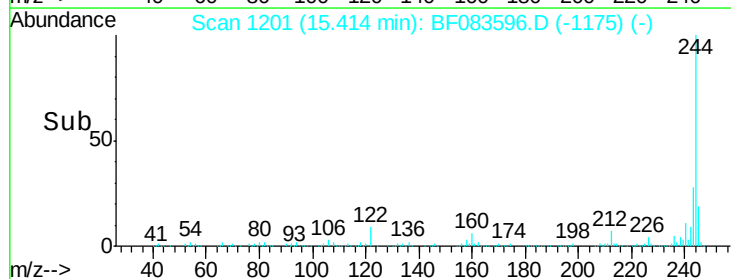
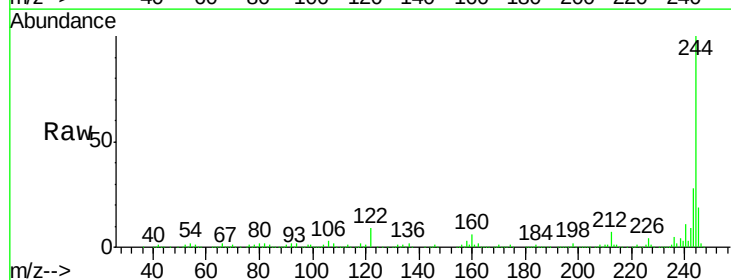
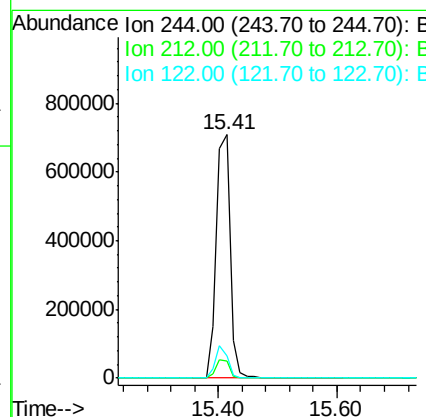
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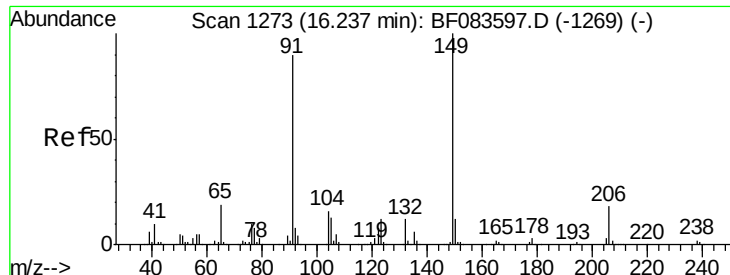
Mmdadoda  
 12/9/2015 6:13:13 PM



#78  
 Terphenyl-d14  
 Concen: 49.02 ng  
 RT: 15.41 min Scan# 1201  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 6.1   | 9.1   |
| 122     | 9.2   | 11.0  | 16.6  |





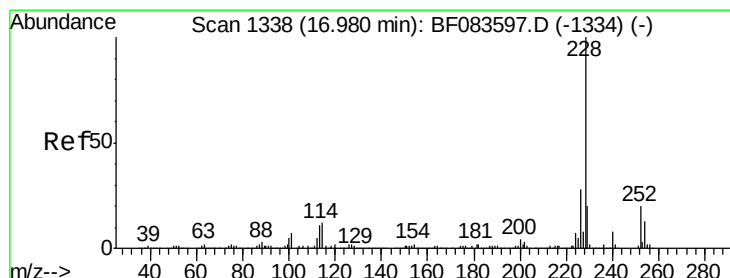
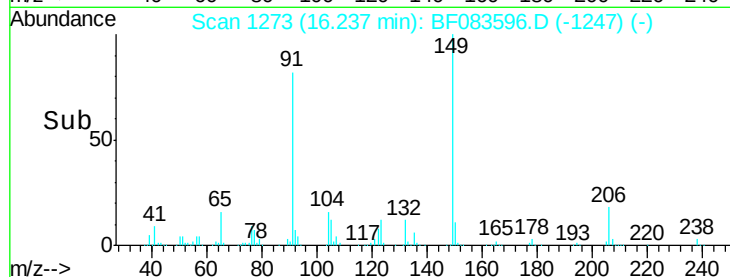
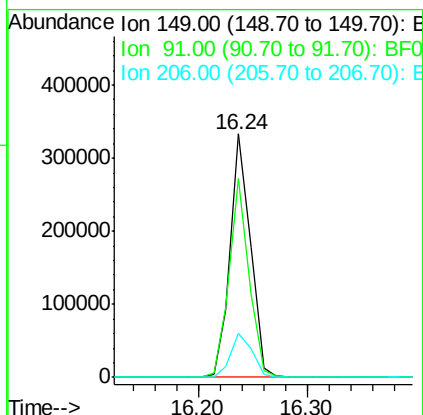
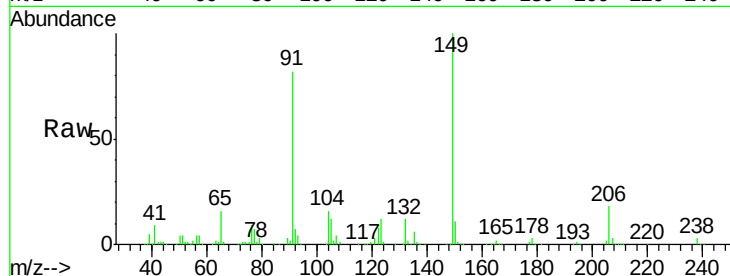
#79  
Butylbenzylphthalate  
Concen: 27.35 ng  
RT: 16.24 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 428643 |       |       |
| 91      | 81.6  | 60.0   | 90.0  |       |
| 206     | 18.0  | 16.2   | 24.4  |       |

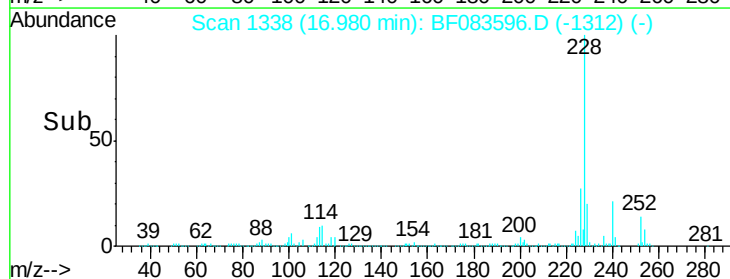
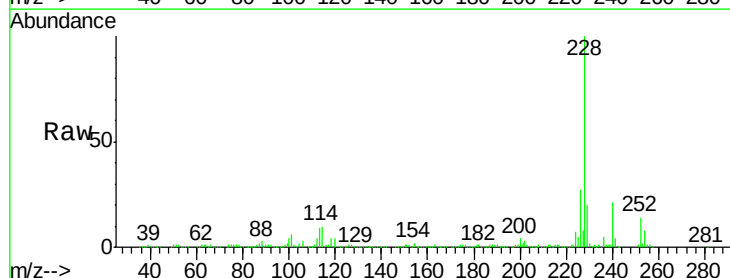
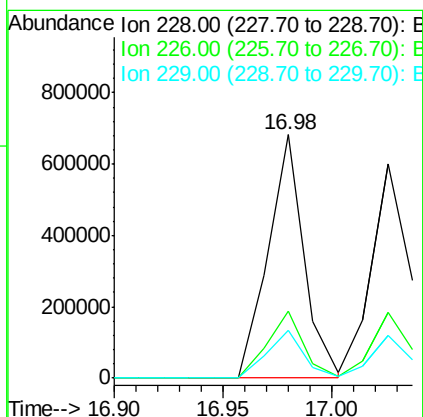
Manual Integrations  
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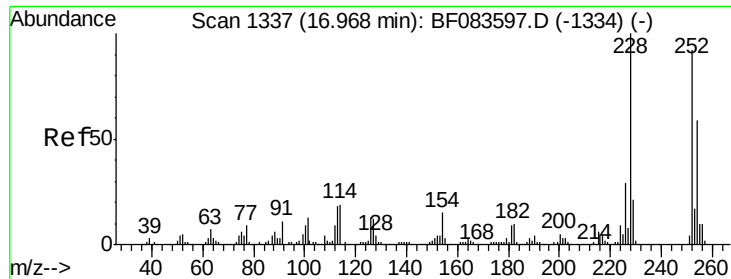
Mmdadoda  
12/9/2015 6:13:13 PM



#80  
Benzo(a)anthracene  
Concen: 25.54 ng  
RT: 16.98 min Scan# 1338  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 788202 |       |       |
| 226     | 27.4  | 22.3   | 33.5  |       |
| 229     | 19.6  | 15.7   | 23.5  |       |





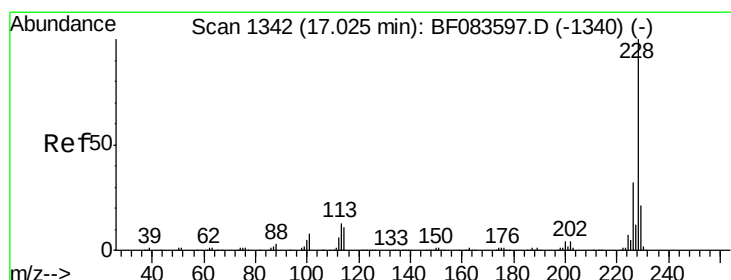
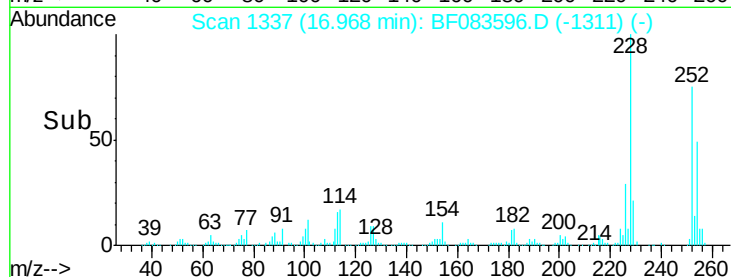
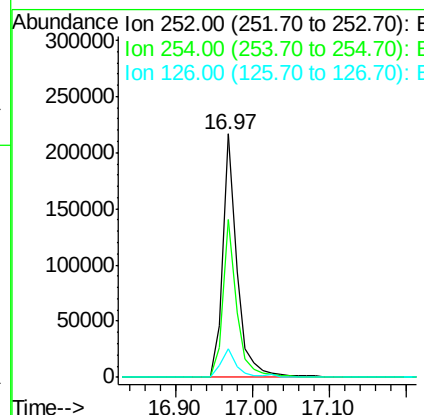
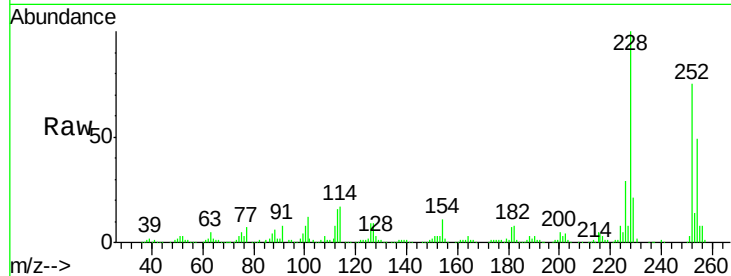
#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.43 ng  
 RT: 16.97 min Scan# 1337  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 65.0  | 50.6       | 76.0       |
| 126     | 11.9  | 11.0       | 16.4       |

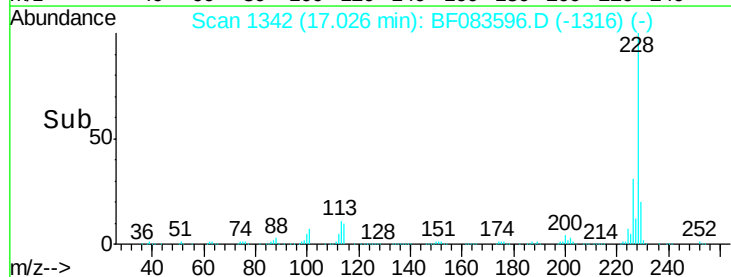
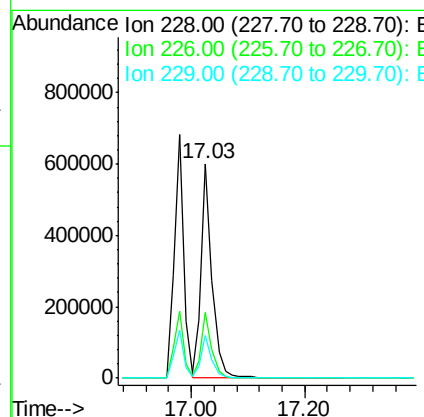
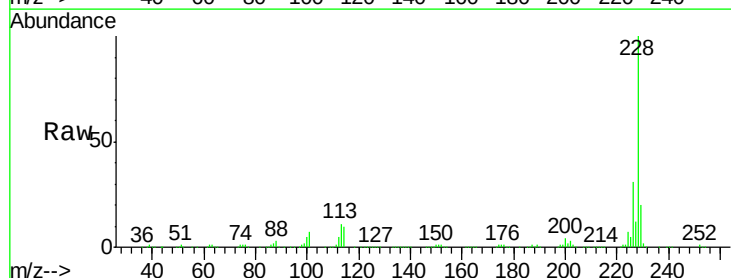
Manual Integrations  
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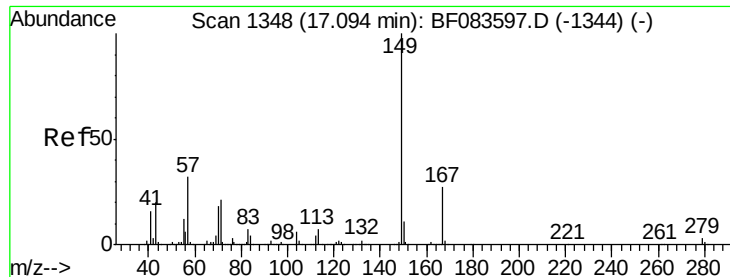
Mmdadoda  
 12/9/2015 6:13:13 PM



#82  
 Chrysene  
 Concen: 25.71 ng  
 RT: 17.03 min Scan# 1342  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.8  | 24.7       | 37.1       |
| 229     | 20.0  | 16.3       | 24.5       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.65 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083596.D

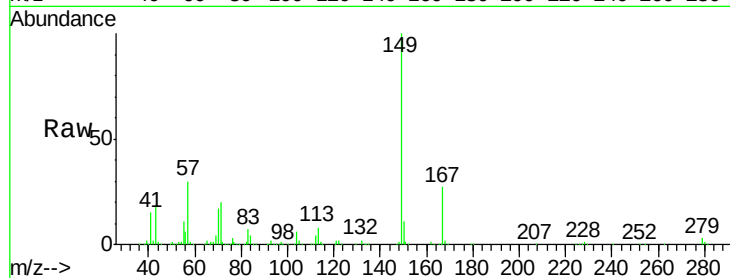
Acq: 8 Dec 2015 15:19

Instrument :

BNA\_F

ClientSampleId :

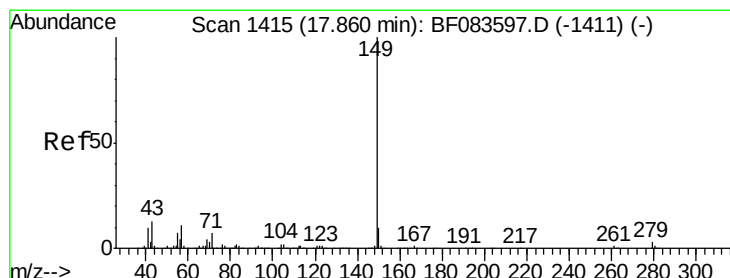
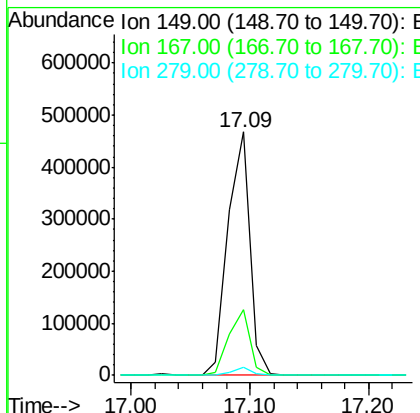
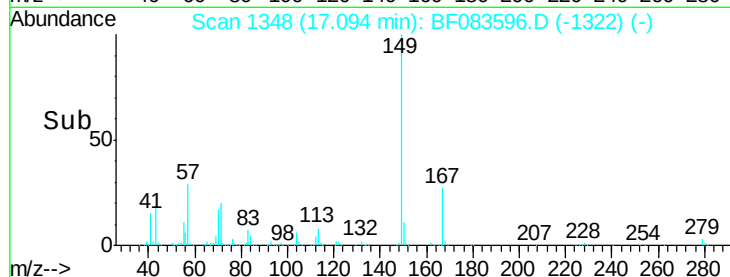
SSTDIC025



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.8  | 21.8  | 32.8  |
| 279     | 3.5   | 3.0   | 4.4   |

Manual Integrations  
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#84

Di-n-octyl phthalate

Concen: 30.99 ng

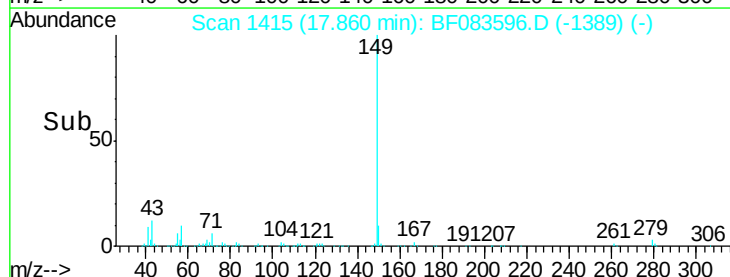
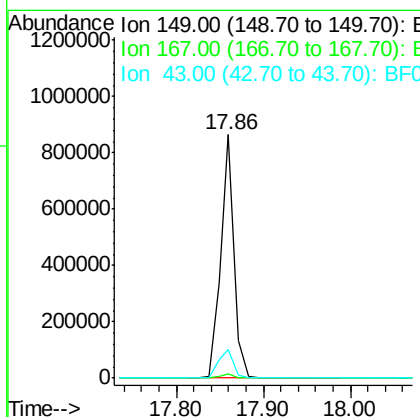
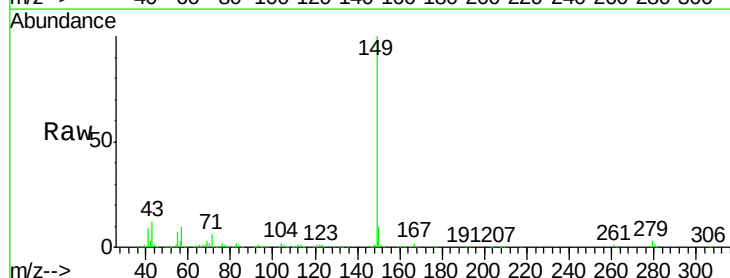
RT: 17.86 min Scan# 1415

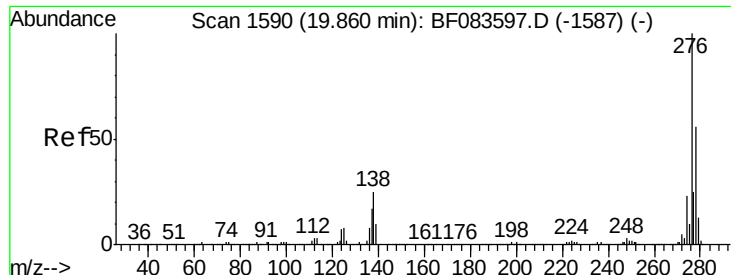
Delta R.T. 0.00 min

Lab File: BF083596.D

Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 0.0   | 0.0#  |
| 43      | 13.8  | 0.0   | 0.0#  |





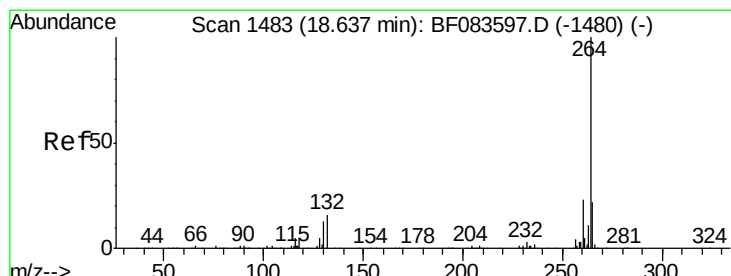
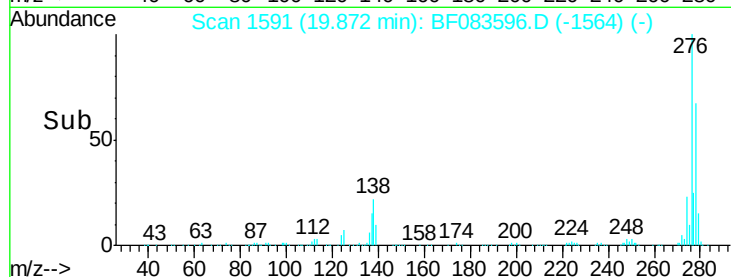
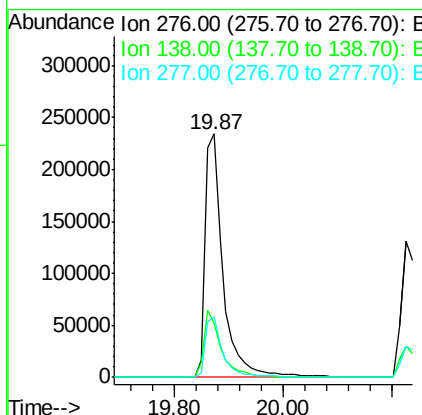
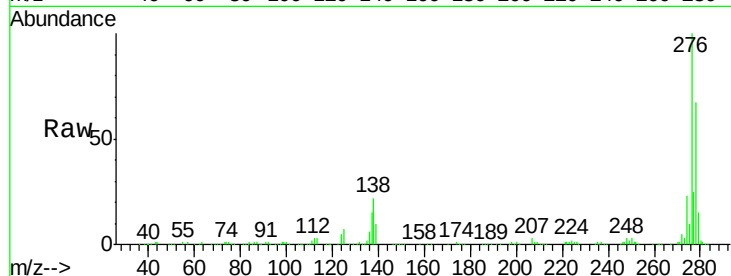
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 21.01 ng  
RT: 19.87 min Scan# 1591  
Delta R.T. 0.01 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 26.7  | 0.0        | 0.0#       |
| 277     | 24.7  | 0.0        | 0.0#       |

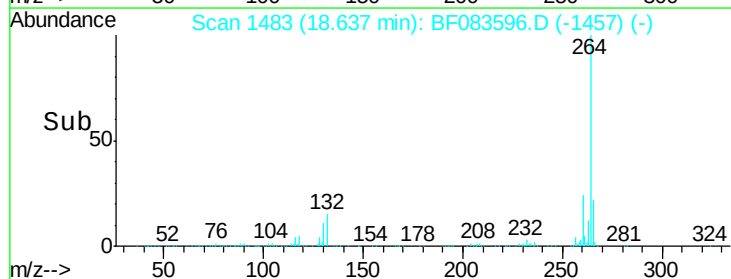
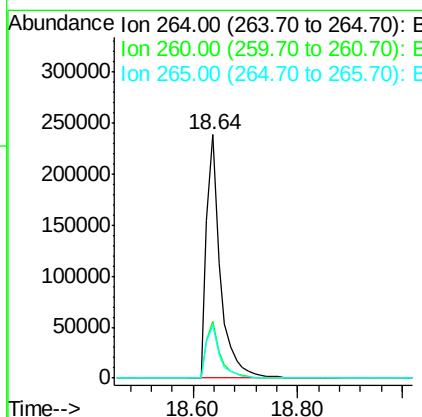
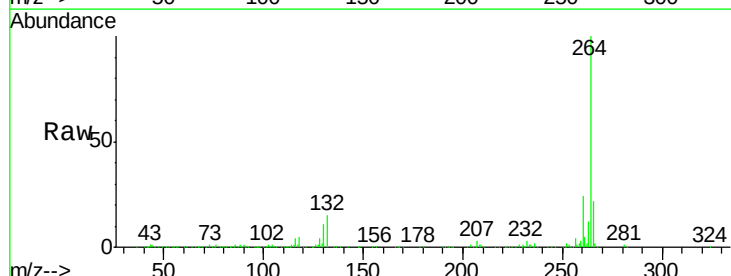
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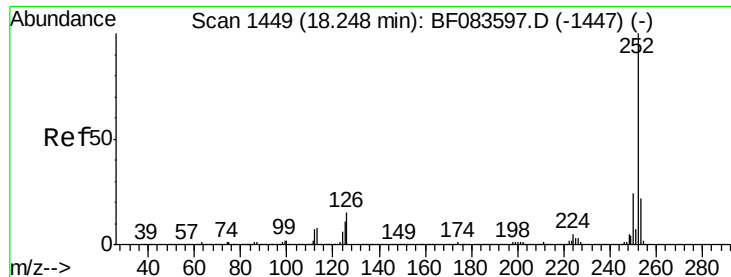
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 18.64 min Scan# 1483  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 264     | 100   |            |            |
| 260     | 23.5  | 19.4       | 29.0       |
| 265     | 21.7  | 17.8       | 26.6       |





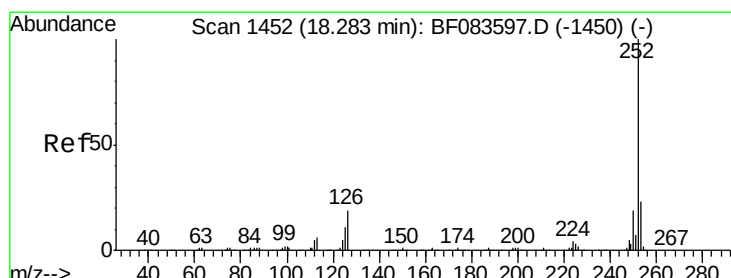
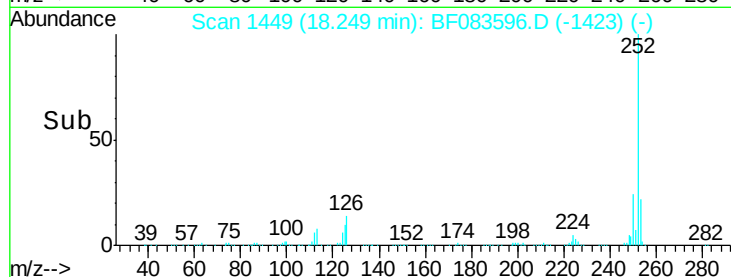
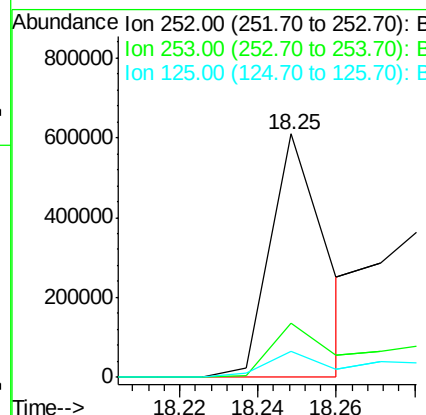
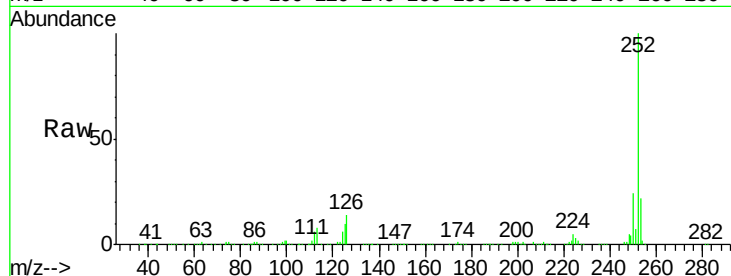
#87  
Benzo(b)fluoranthene  
Concen: 24.53 ng m  
RT: 18.25 min Scan# 1449  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.2  | 27.4  |
| 125     | 10.4  | 8.2   | 12.4  |

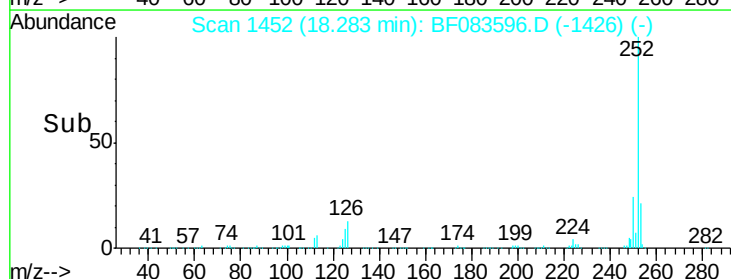
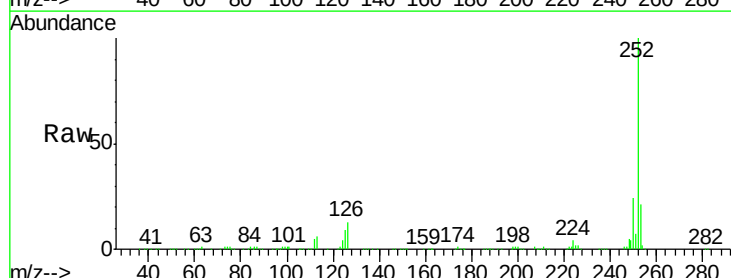
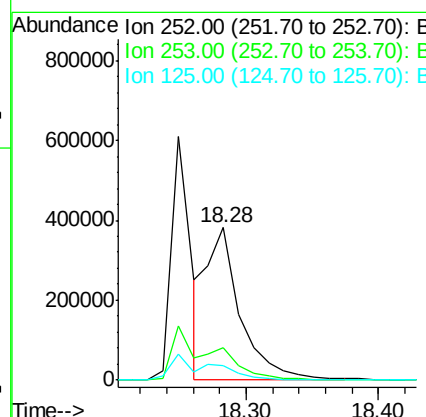
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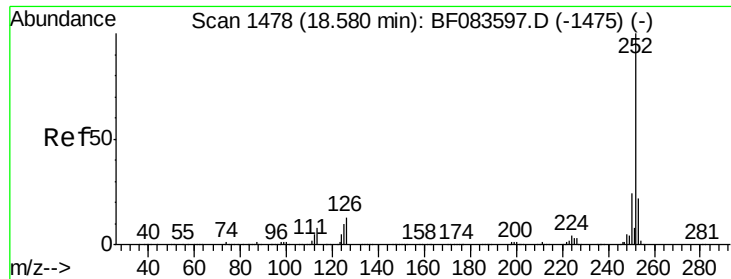


#88  
Benzo(k)fluoranthene  
Concen: 27.07 ng m  
RT: 18.28 min Scan# 1452  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 18.6  | 27.8  |
| 125     | 9.3   | 11.5  | 17.3# |







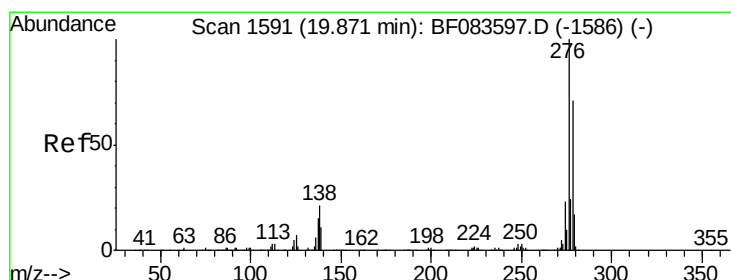
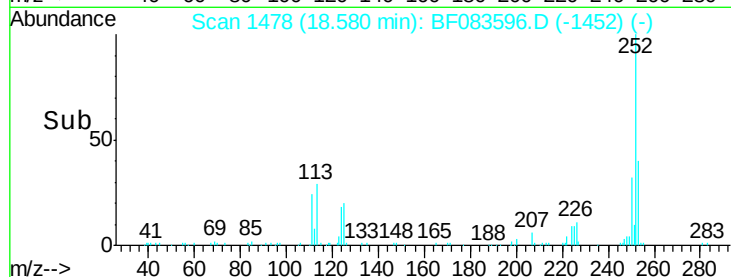
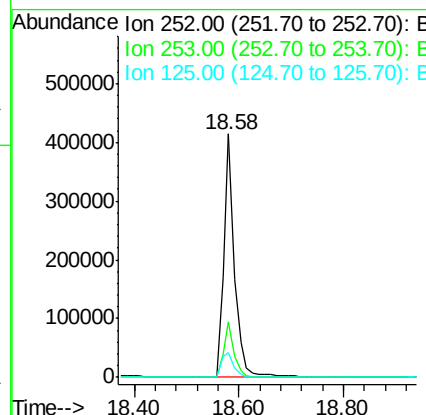
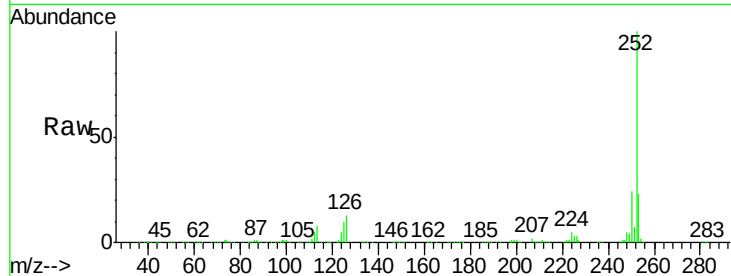
#89  
Benzo(a)pyrene  
Concen: 24.43 ng  
RT: 18.58 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.8  | 17.5       | 26.3       |
| 125     | 10.2  | 11.0       | 16.6       |

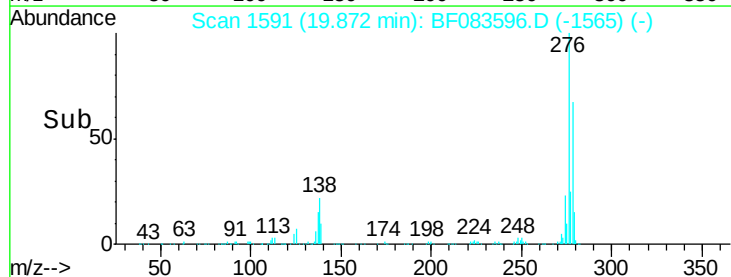
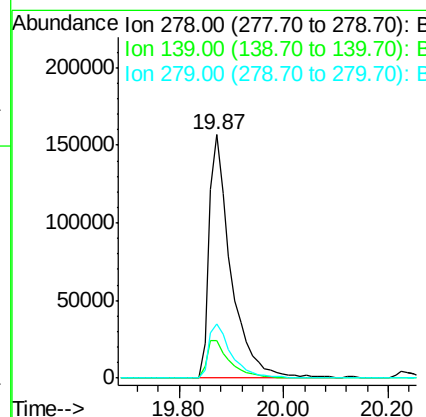
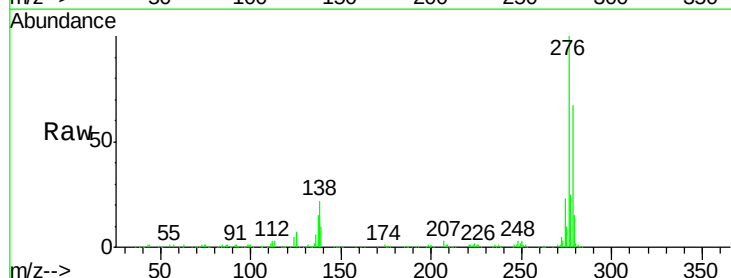
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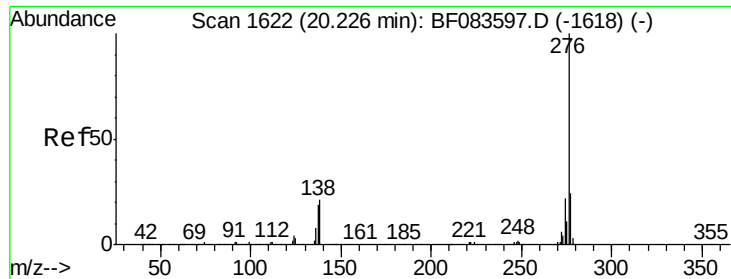
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#90  
Dibenzo(a,h)anthracene  
Concen: 20.31 ng  
RT: 19.87 min Scan# 1591  
Delta R.T. 0.00 min  
Lab File: BF083596.D  
Acq: 8 Dec 2015 15:19

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 15.5  | 12.8       | 19.2       |
| 279     | 22.2  | 18.6       | 28.0       |





#91  
 Benzo(g,h,i)perylene  
 Concen: 19.01 ng  
 RT: 20.23 min Scan# 1622  
 Delta R.T. 0.00 min  
 Lab File: BF083596.D  
 Acq: 8 Dec 2015 15:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 19.2  | 28.8  |
| 138     | 22.6  | 19.5  | 29.3  |

Manual Integrations  
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