

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\  
 Data File : BF083331.D  
 Acq On : 27 Nov 2015 16:07  
 Operator : UM/IZ  
 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Manual Integrations  
 APPROVED

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 12/1/2015 5:22:52 PM

Quant Time: Nov 27 17:42:19 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 27 17:22:43 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.56  | 152  | 159662   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.85  | 136  | 580620   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.60  | 164  | 292280   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.07 | 188  | 477110   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.69 | 240  | 303697   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.03 | 264  | 327557   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.14  | 112 | 557556  | 52.80 | ng | 0.00  |
| 7) Phenol-d6             | 6.23  | 99  | 692707  | 50.70 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.14  | 82  | 683570  | 53.80 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.39 | 330 | 138850  | 46.44 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 8.94  | 172 | 1162144 | 55.45 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.65 | 244 | 779625  | 60.45 | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 3) Pyridine                    | 2.62 | 79  | 367388  | 26.59 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 2.55 | 42  | 159300  | 25.00 | ng | 91     |
| 6) Aniline                     | 6.23 | 93  | 495666  | 29.68 | ng | 99     |
| 8) 2-Chlorophenol              | 6.35 | 128 | 301133  | 26.39 | ng | 93     |
| 9) Benzaldehyde                | 6.10 | 77  | 208245  | 29.16 | ng | 97     |
| 10) Phenol                     | 6.24 | 94  | 423135  | 25.60 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.31 | 93  | 318611  | 26.99 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.50 | 146 | 332708m | 25.54 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.58 | 146 | 346070  | 26.26 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 6.73 | 146 | 310827  | 25.95 | ng | 95     |
| 15) Benzyl Alcohol             | 6.73 | 79  | 272536  | 23.87 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.86 | 45  | 547220  | 29.73 | ng | 88     |
| 17) 2-Methylphenol             | 6.86 | 107 | 245061  | 25.96 | ng | 92     |
| 18) Hexachloroethane           | 7.07 | 117 | 119572  | 25.76 | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 6.99 | 70  | 264464  | 27.81 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.02 | 107 | 331973  | 27.81 | ng | 98     |
| 22) Acetophenone               | 6.98 | 105 | 437329  | 26.24 | ng | # 96   |
| 24) Nitrobenzene               | 7.15 | 77  | 375668  | 27.67 | ng | 100    |
| 25) Isophorone                 | 7.39 | 82  | 632510  | 26.29 | ng | # 94   |
| 26) 2-Nitrophenol              | 7.47 | 139 | 154899  | 25.84 | ng | # 86   |
| 27) 2,4-Dimethylphenol         | 7.54 | 122 | 243597  | 25.47 | ng | 89     |
| 28) bis(2-Chloroethoxy)methane | 7.62 | 93  | 406077  | 29.03 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.72 | 162 | 247344  | 27.19 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.80 | 180 | 260947  | 26.11 | ng | 97     |
| 31) Naphthalene                | 7.87 | 128 | 840879  | 26.83 | ng | 99     |
| 32) Benzoic acid               | 7.66 | 122 | 121263  | 16.31 | ng | 95     |
| 33) 4-Chloroaniline            | 7.94 | 127 | 339345  | 27.91 | ng | # 86   |
| 34) Hexachlorobutadiene        | 8.00 | 225 | 150818  | 25.54 | ng | 96     |
| 35) Caprolactam                | 8.30 | 113 | 64711   | 22.19 | ng | # 87   |
| 36) 4-Chloro-3-methylphenol    | 8.43 | 107 | 263657  | 25.02 | ng | 89     |
| 37) 2-Methylnaphthalene        | 8.57 | 142 | 533985m | 26.26 | ng |        |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.73 | 216 | 242153  | 25.56 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.72 | 237 | 103998  | 19.31 | ng | 97     |
| 42) 2,4,6-Trichlorophenol      | 8.86 | 196 | 175303  | 25.84 | ng | 99     |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Manual Integrations  
 APPROVED

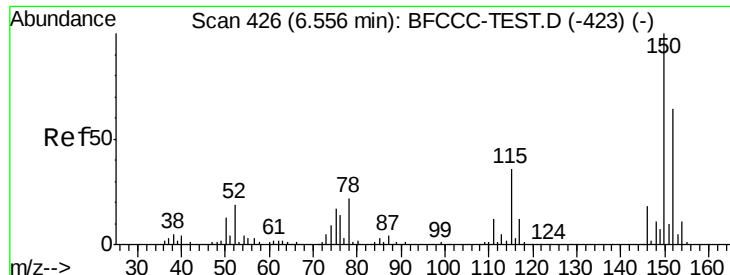
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 12/1/2015 5:22:52 PM

Quant Time: Nov 27 17:42:19 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 27 17:22:43 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 8.90  | 196  | 167180   | 24.10 | nq    | 99       |
| 45) 1,1'-Biphenyl              | 9.03  | 154  | 651082   | 26.17 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.05  | 162  | 541133   | 27.69 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.15  | 65   | 187192   | 27.08 | nq    | 100      |
| 48) Acenaphthylene             | 9.46  | 152  | 845914   | 27.94 | nq    | 99       |
| 49) Dimethylphthalate          | 9.34  | 163  | 542380   | 24.10 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.39  | 165  | 117125   | 23.20 | nq    | 93       |
| 51) Acenaphthene               | 9.63  | 154  | 488612   | 26.51 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.56  | 138  | 142024   | 26.38 | nq #  | 71       |
| 53) 2,4-Dinitrophenol          | 9.68  | 184  | 36594    | 12.58 | nq #  | 78       |
| 54) Dibenzofuran               | 9.80  | 168  | 712188   | 27.33 | nq    | 96       |
| 55) 4-Nitrophenol              | 9.76  | 139  | 67324    | 16.31 | nq #  | 75       |
| 56) 2,4-Dinitrotoluene         | 9.79  | 165  | 144711   | 22.62 | nq    | 88       |
| 57) Fluorene                   | 10.14 | 166  | 523704   | 24.32 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.93  | 232  | 136512   | 23.99 | nq    | 96       |
| 59) Diethylphthalate           | 10.03 | 149  | 546767   | 24.41 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.14 | 204  | 248762   | 25.22 | nq    | 97       |
| 61) 4-Nitroaniline             | 10.17 | 138  | 119827   | 22.61 | nq    | 84       |
| 62) Azobenzene                 | 10.30 | 77   | 683169   | 26.72 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.20 | 198  | 76485    | 23.27 | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 10.26 | 169  | 489743   | 30.18 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.63 | 248  | 150354   | 28.40 | nq    | 97       |
| 67) Hexachlorobenzene          | 10.68 | 284  | 155251   | 26.63 | nq #  | 92       |
| 68) Atrazine                   | 10.80 | 200  | 119968   | 25.46 | nq    | 92       |
| 69) Pentachlorophenol          | 10.89 | 266  | 70234    | 18.49 | nq    | 97       |
| 70) Phenanthrene               | 11.10 | 178  | 769486   | 27.99 | nq    | 99       |
| 71) Anthracene                 | 11.14 | 178  | 764772   | 27.27 | nq    | 99       |
| 72) Carbazole                  | 11.30 | 167  | 612429   | 24.57 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.64 | 149  | 703213   | 23.11 | nq    | 99       |
| 74) Fluoranthene               | 12.27 | 202  | 662363   | 23.54 | nq    | 94       |
| 76) Benzidine                  | 12.40 | 184  | 279838   | 35.16 | nq    | 98       |
| 77) Pyrene                     | 12.49 | 202  | 641018   | 30.90 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.13 | 149  | 226489   | 23.07 | nq    | 90       |
| 80) Benzo(a)anthracene         | 13.68 | 228  | 495141   | 26.36 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 13.66 | 252  | 171619   | 26.25 | nq    | 99       |
| 82) Chrysene                   | 13.71 | 228  | 471317m  | 27.06 | nq    |          |
| 83) Bis(2-ethylhexyl)phthalate | 13.70 | 149  | 311775   | 24.31 | nq #  | 96       |
| 84) Di-n-octyl phthalate       | 14.31 | 149  | 568285   | 25.74 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.24 | 276  | 644662   | 40.69 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 14.67 | 252  | 476688m  | 21.30 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.70 | 252  | 463480m  | 27.79 | nq    |          |
| 89) Benzo(a)pyrene             | 14.98 | 252  | 476231   | 25.77 | nq #  | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.25 | 278  | 542804   | 32.34 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 16.59 | 276  | 534386   | 32.61 | nq #  | 93       |

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





#1

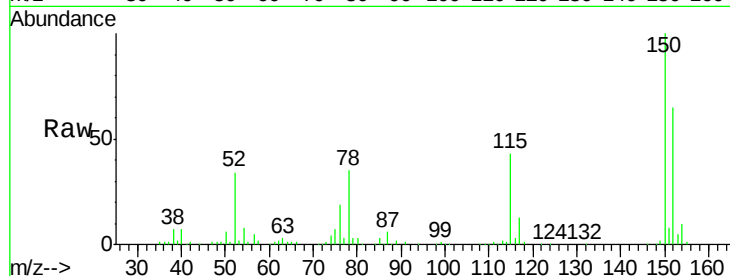
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.56 min Scan# 400  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

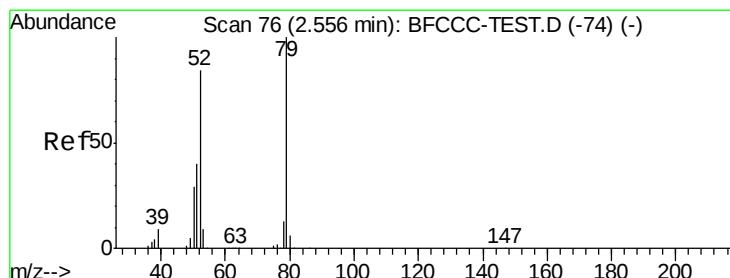
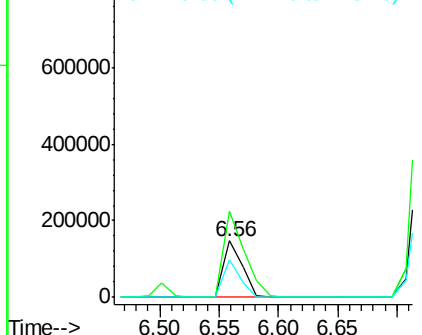
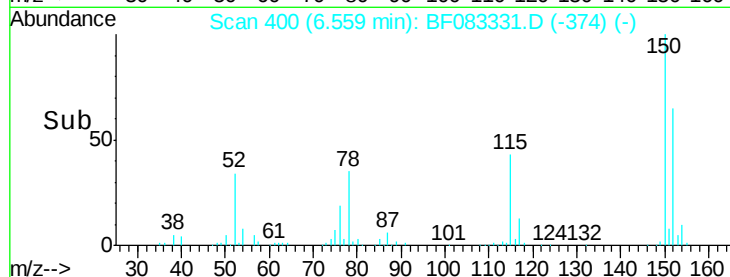
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.1 | 125.8 | 188.8 |
| 115     | 66.4  | 46.9  | 70.3  |

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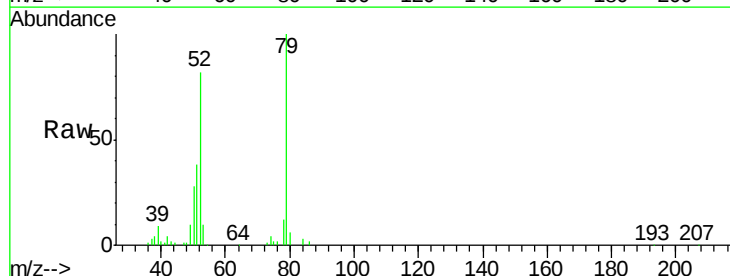
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



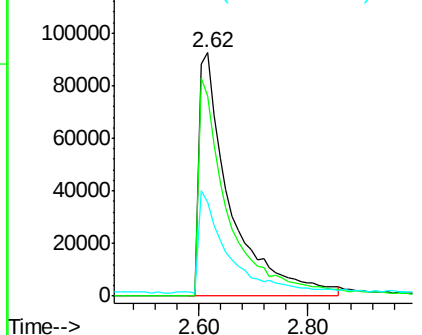
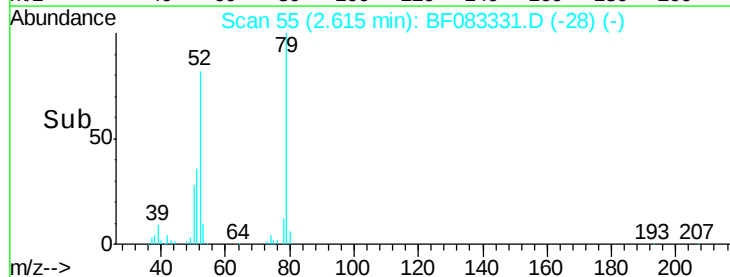
#3

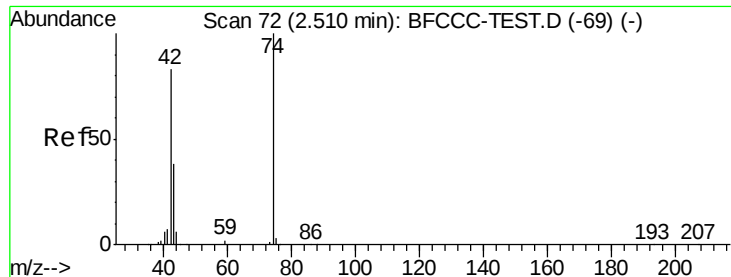
Pyridine  
Concen: 26.59 ng  
RT: 2.62 min Scan# 55  
Delta R.T. 0.01 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 82.3  | 60.7  | 91.1  |
| 51      | 38.4  | 27.9  | 41.9  |



Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 52.00 (51.70 to 52.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0





#4

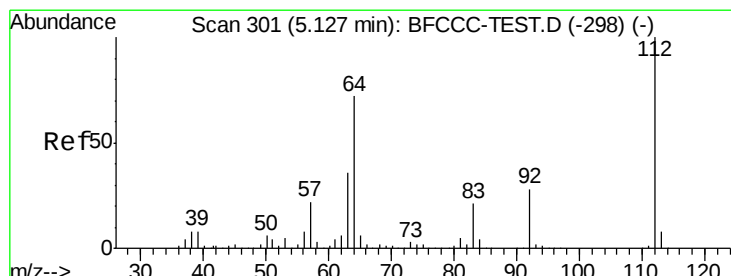
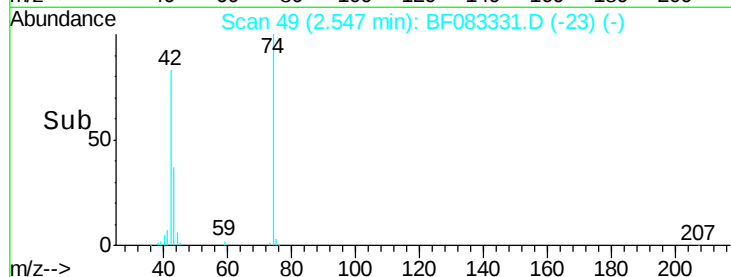
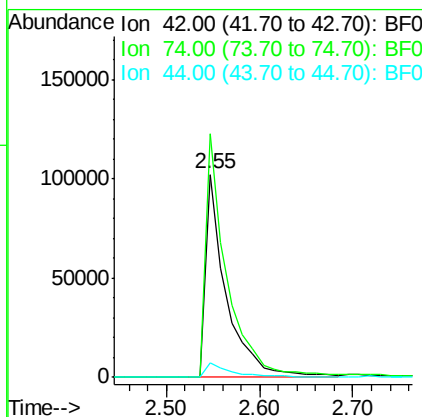
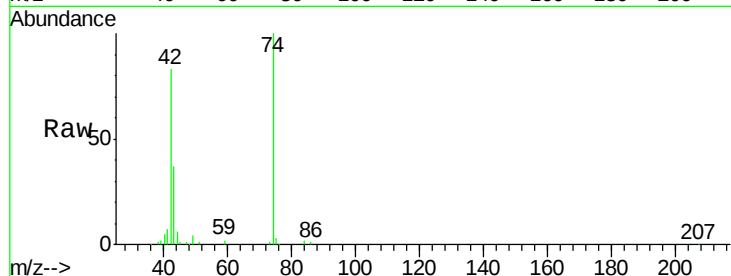
n-Nitrosodimethylamine  
 Concen: 25.00 ng  
 RT: 2.55 min Scan# 49  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 42      | 100   |       | 159300 |       |       |
| 74      | 120.1 | 104.8 | 157.2  |       |       |
| 44      | 7.4   | 6.2   | 9.4    |       |       |

Manual Integrations  
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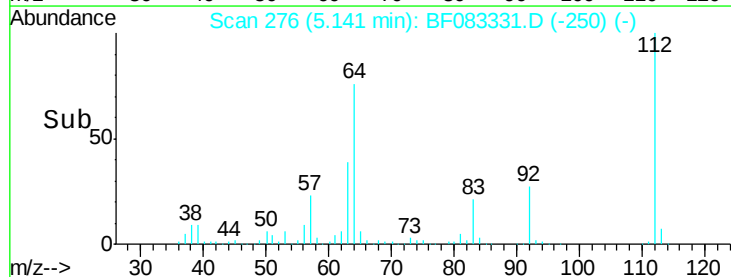
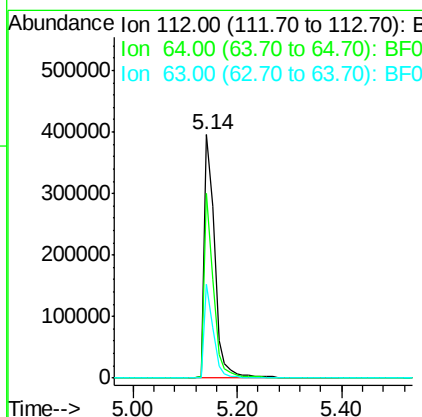
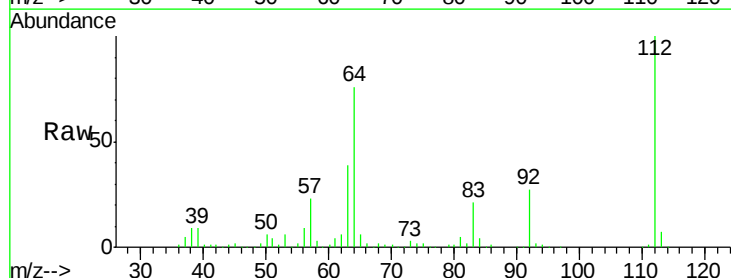
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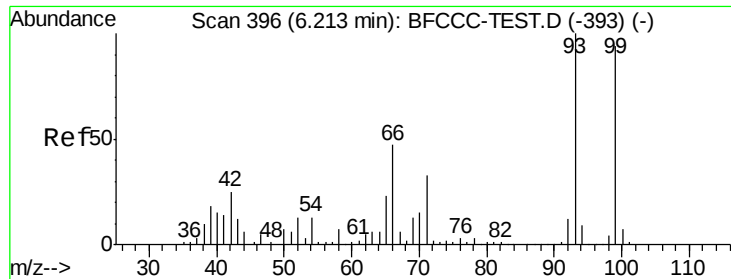


#5

2-Fluorophenol  
 Concen: 52.80 ng  
 RT: 5.14 min Scan# 276  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 557556 |       |       |
| 64      | 75.9 | 58.4  | 87.6   |       |       |
| 63      | 38.5 | 30.0  | 45.0   |       |       |





#6

Aniline

Concen: 29.68 ng

RT: 6.23 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

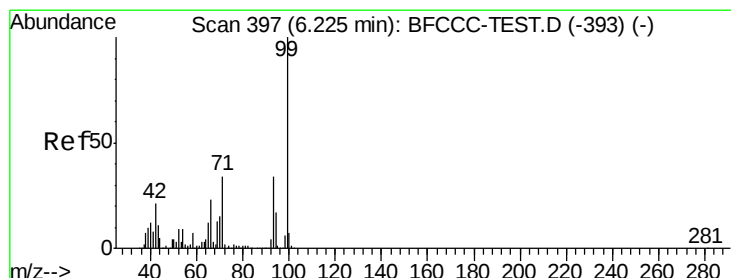
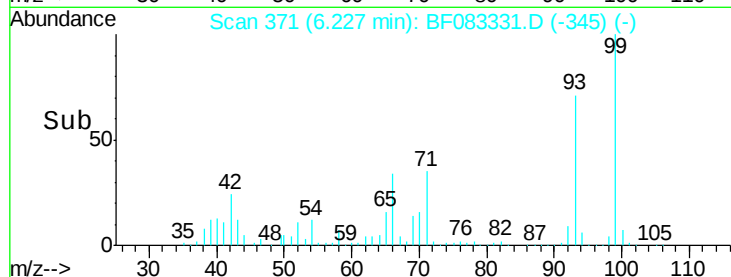
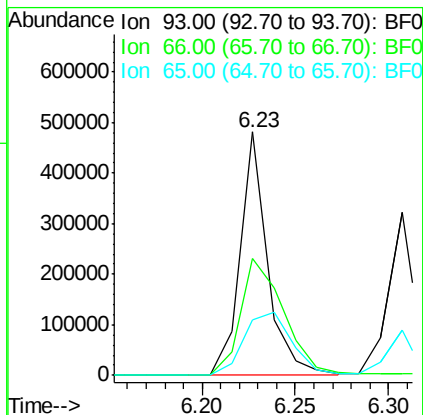
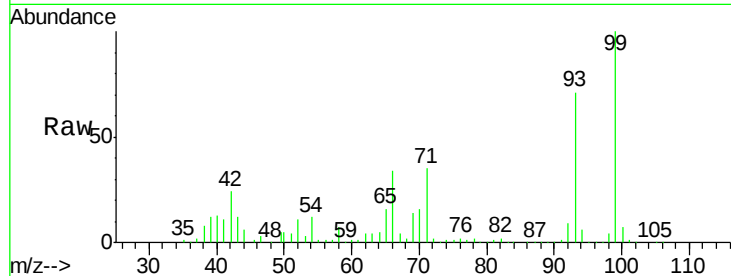
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 495666 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 48.1  | 38.7  | 58.1   |
| 65        | 22.7  | 18.6  | 27.8   |

Manual Integrations  
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#7

Phenol-d6

Concen: 50.70 ng

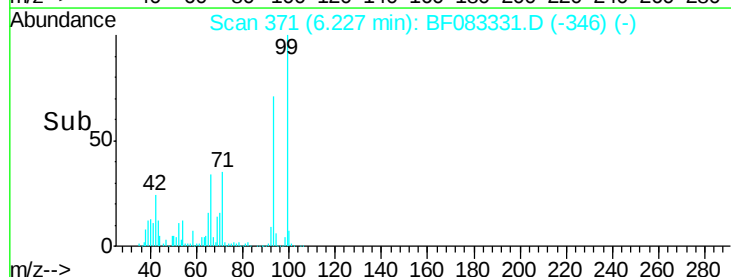
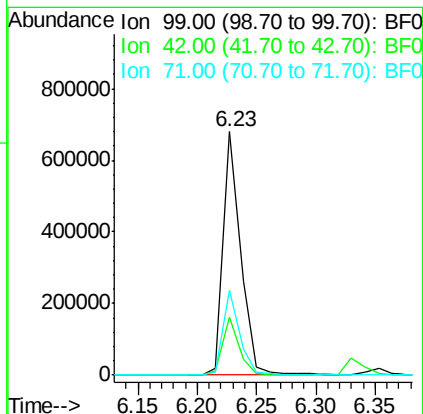
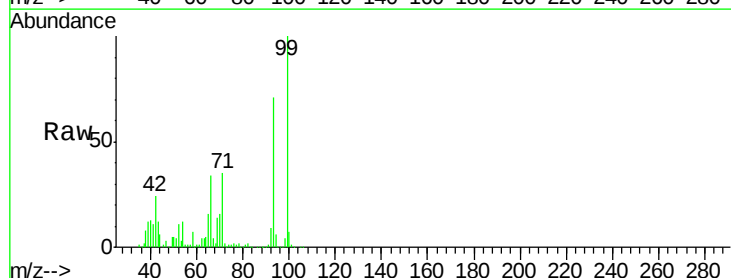
RT: 6.23 min Scan# 371

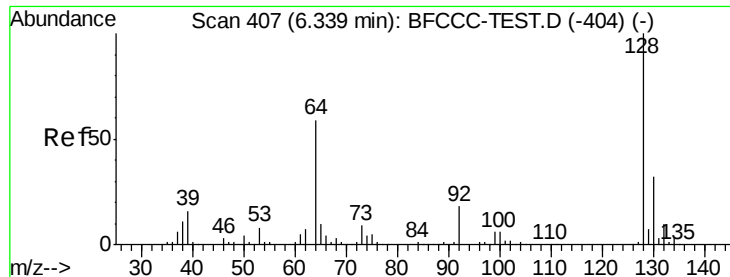
Delta R.T. -0.01 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 692707 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 23.9  | 17.7  | 26.5   |
| 71        | 34.9  | 30.2  | 45.4   |





#8

2-Chlorophenol

Concen: 26.39 ng

RT: 6.35 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

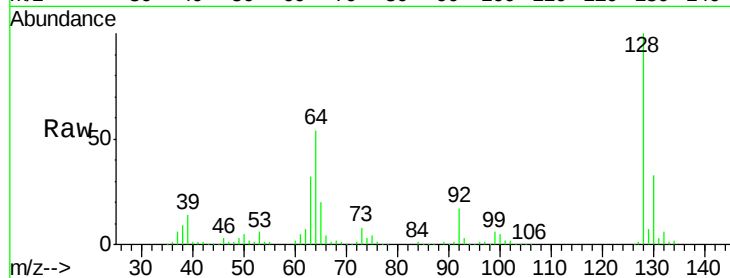
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 301133 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.1  | 12.6  | 52.6   |
| 64        | 53.5  | 41.9  | 81.9   |

Manual Integrations  
APPROVED

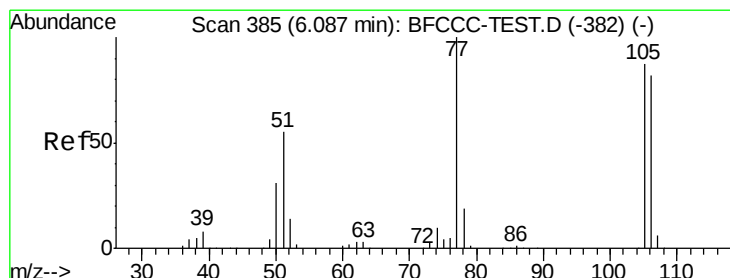
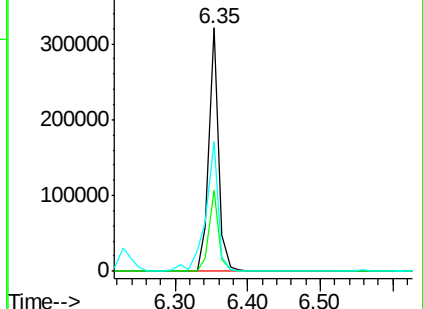
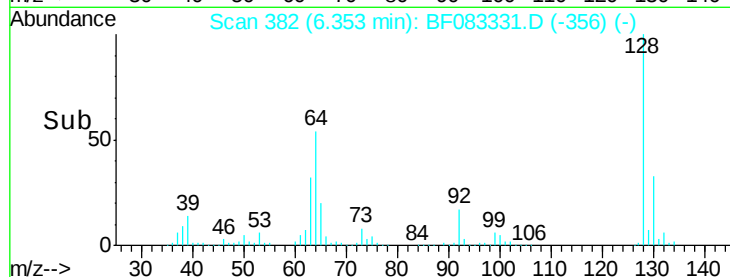
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Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 29.16 ng

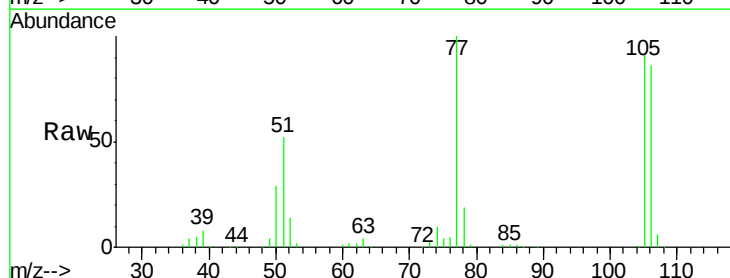
RT: 6.10 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

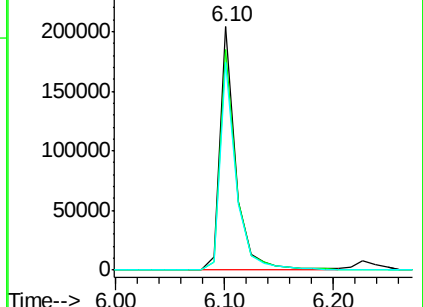
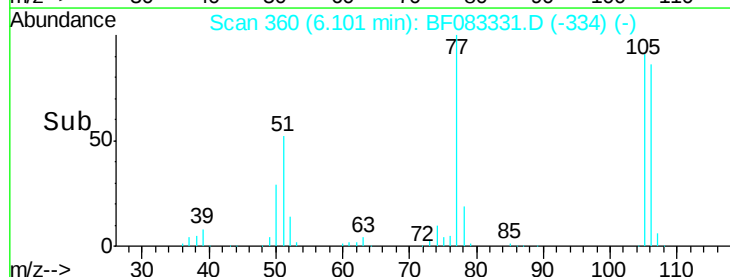
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 208245 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 90.5  | 73.4  | 113.4  |
| 106       | 85.5  | 67.5  | 107.5  |

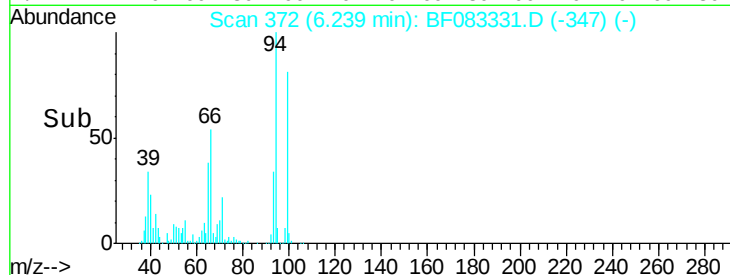
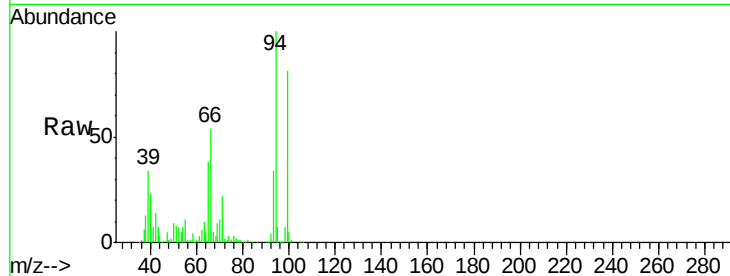
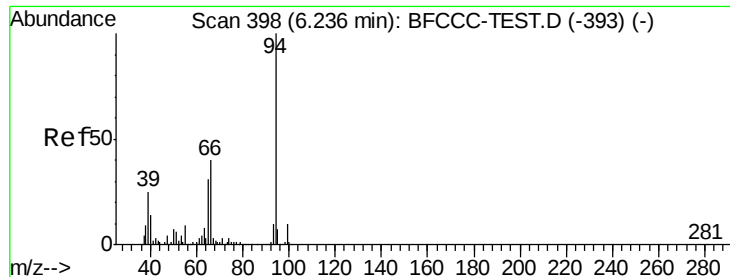


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 25.60 ng

RT: 6.24 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 94    | Resp: | 423135 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 38.4  | 21.1  | 61.1   |
| 66        | 53.5  | 43.1  | 83.1   |

Instrument :

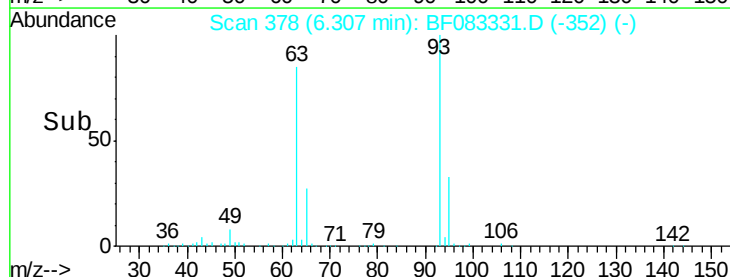
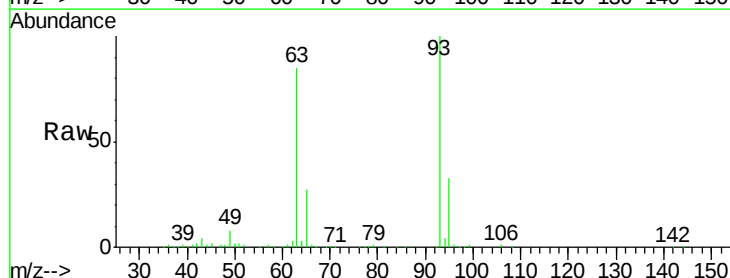
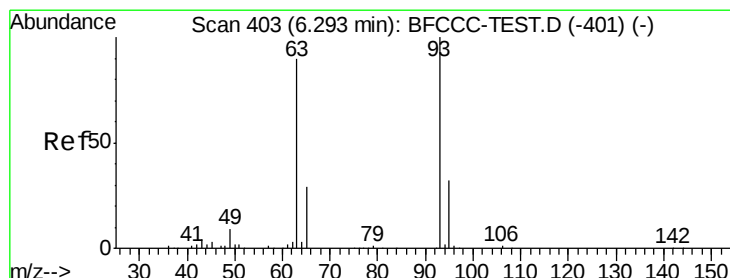
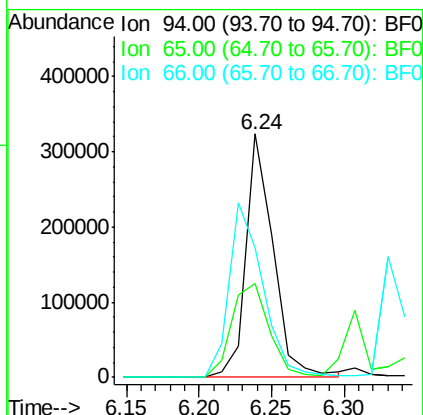
BNA\_F

ClientSampleId :

SSTDIC025

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12/1/2015 5:22:52 PM



#11

bis(2-Chloroethyl)ether

Concen: 26.99 ng

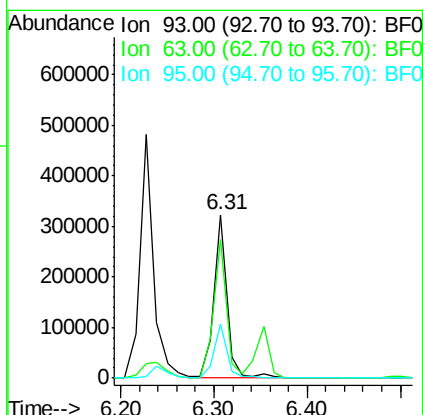
RT: 6.31 min Scan# 378

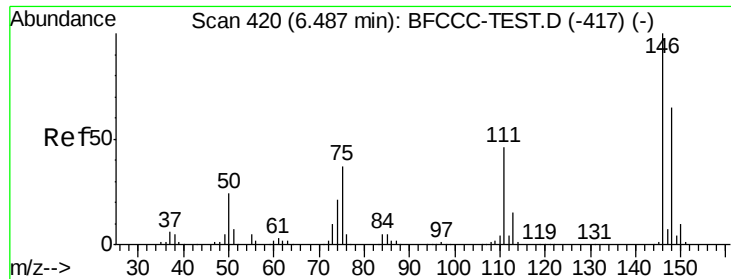
Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 318611 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 84.6  | 59.8  | 99.8   |
| 95        | 32.8  | 13.0  | 53.0   |





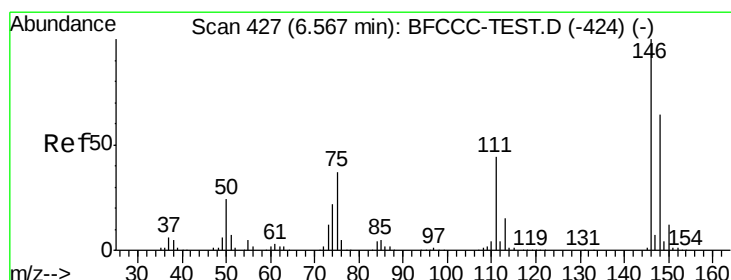
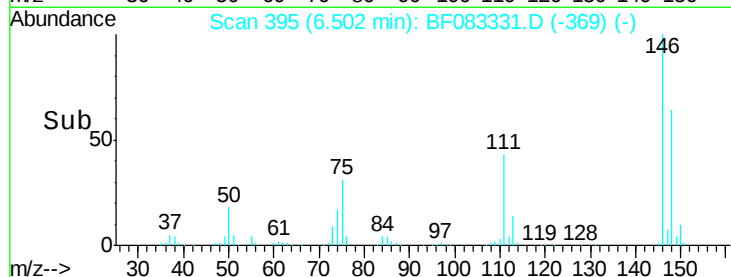
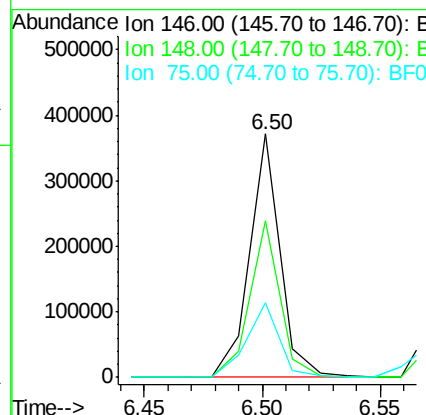
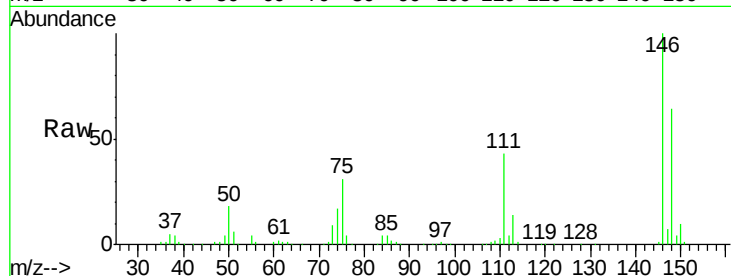
#12  
 1,3-Dichlorobenzene  
 Concen: 25.54 ng/mL  
 RT: 6.50 min Scan# 395  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 50.2  | 75.2  |
| 75      | 30.9  | 32.7  | 49.1  |

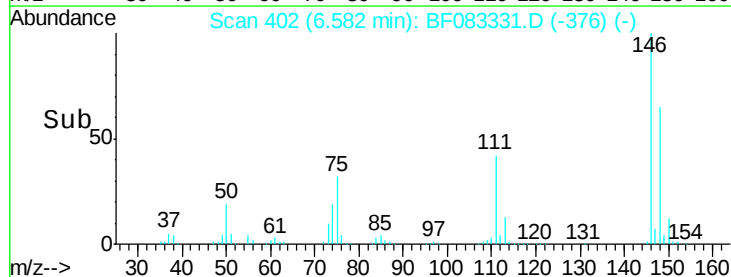
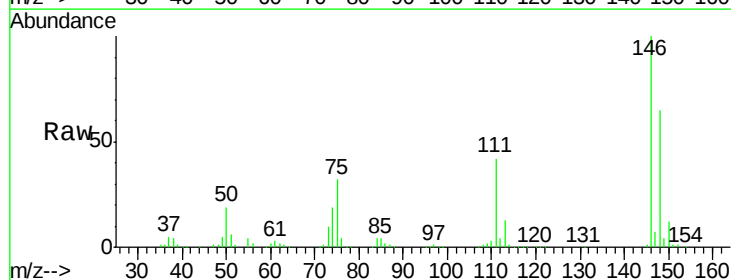
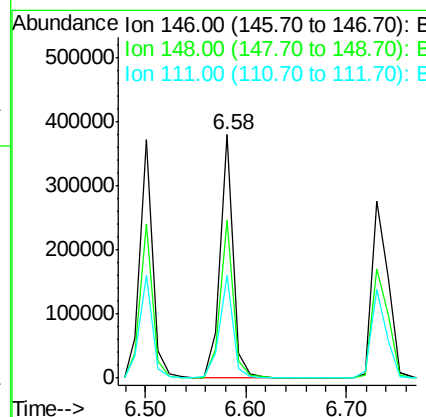
Manual Integrations  
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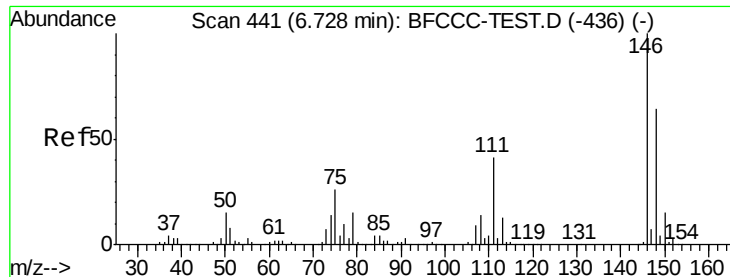
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#13  
 1,4-Dichlorobenzene  
 Concen: 26.26 ng/mL  
 RT: 6.58 min Scan# 402  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 50.2  | 75.2  |
| 111     | 42.1  | 37.5  | 56.3  |





#14

1,2-Dichlorobenzene

Concen: 25.95 ng

RT: 6.73 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

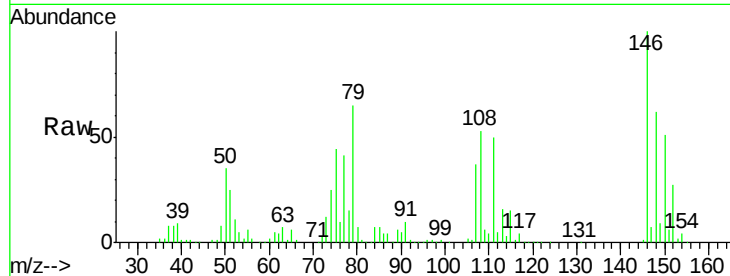
ClientSampleId :

SSTDIC025

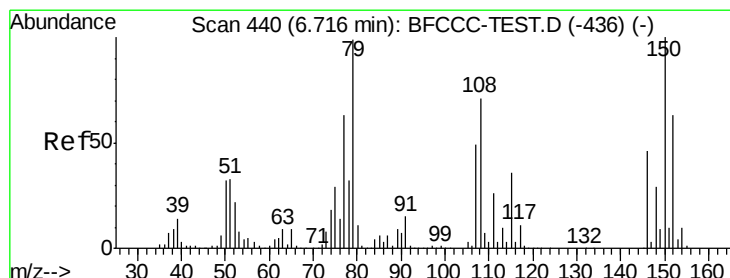
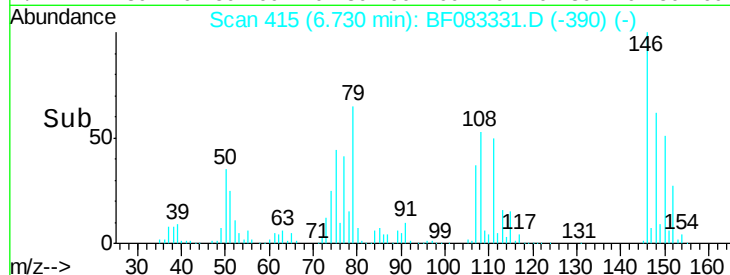
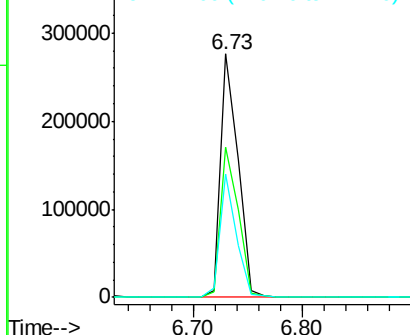
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 310827 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.9  | 51.8  | 77.6   |
| 111       | 50.5  | 36.2  | 54.4   |

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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 23.87 ng

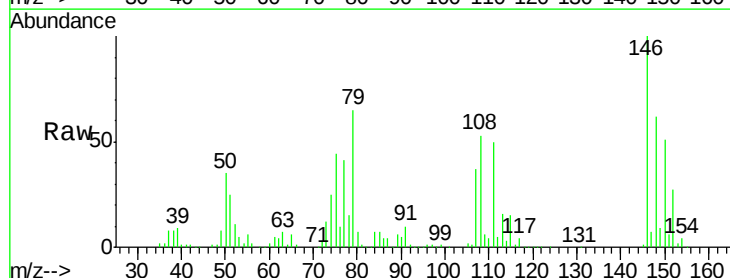
RT: 6.73 min Scan# 415

Delta R.T. 0.00 min

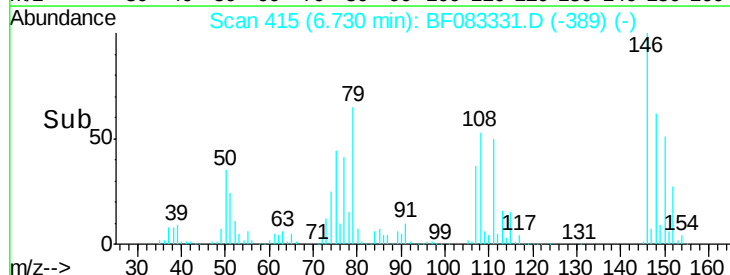
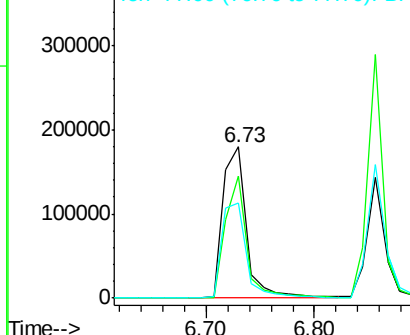
Lab File: BF083331.D

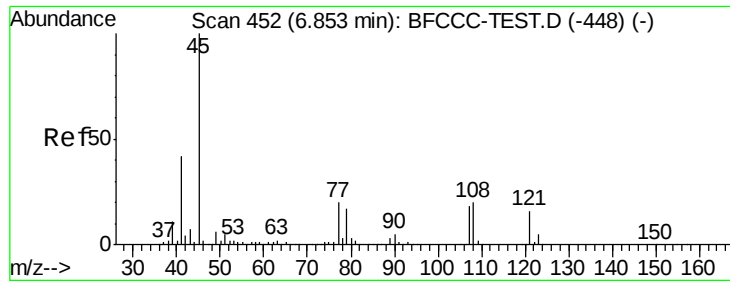
Acq: 27 Nov 2015 16:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 272536 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 81.1  | 61.4  | 92.2   |
| 77        | 63.1  | 50.5  | 75.7   |



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





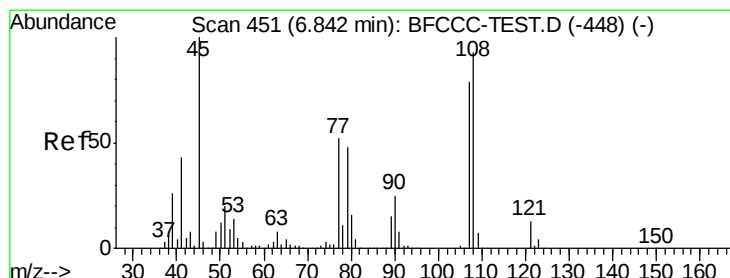
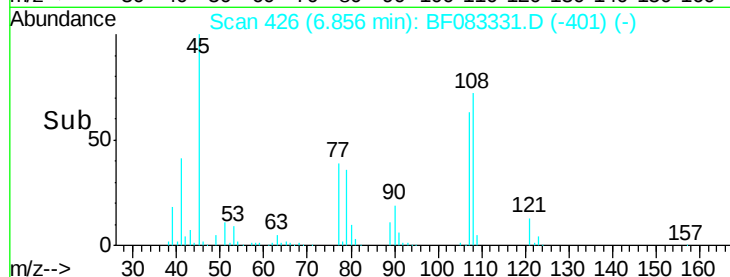
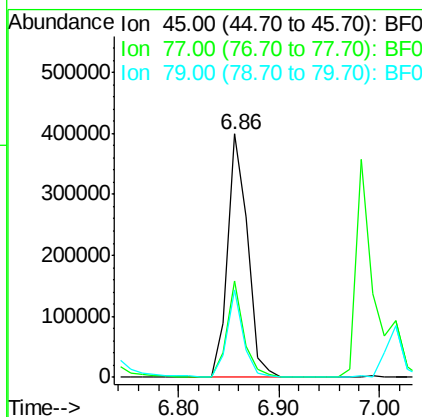
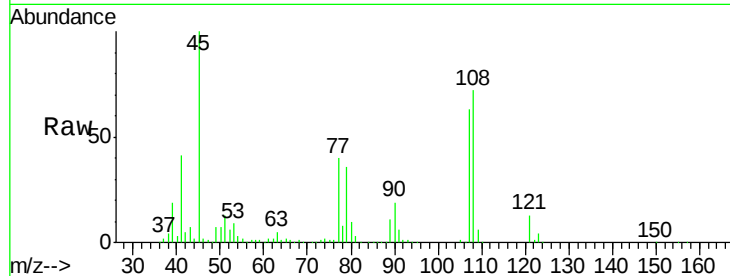
#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 29.73 ng  
RT: 6.86 min Scan# 426  
Delta R.T. -0.01 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 39.6  | 26.7  | 66.7  |
| 79      | 36.0  | 24.3  | 64.3  |

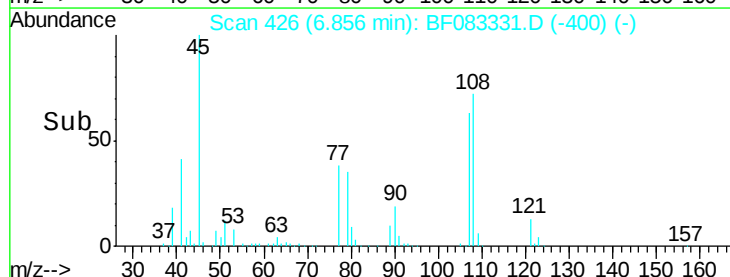
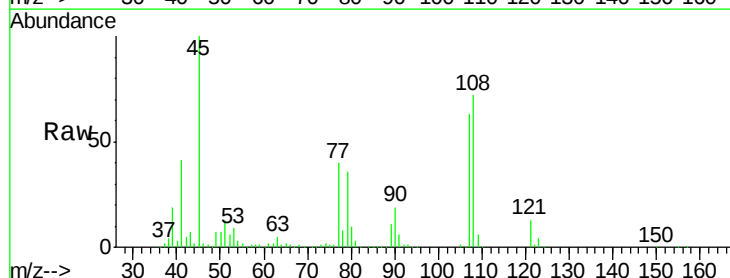
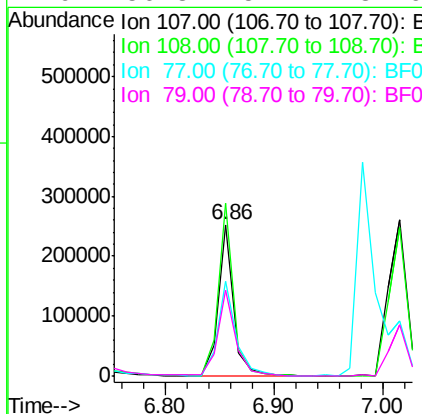
Manual Integrations  
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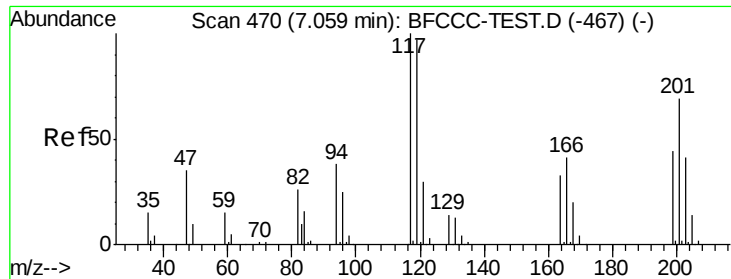
Mmdadoda  
12/1/2015 5:22:52 PM



#17  
2-Methylphenol  
Concen: 25.96 ng  
RT: 6.86 min Scan# 426  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.2 | 93.8  | 140.6 |
| 77      | 62.5  | 57.4  | 86.0  |
| 79      | 56.8  | 54.4  | 81.6  |





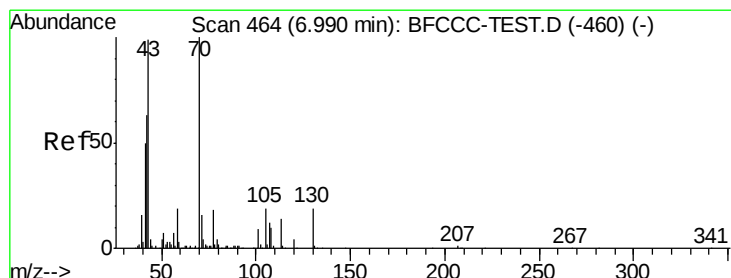
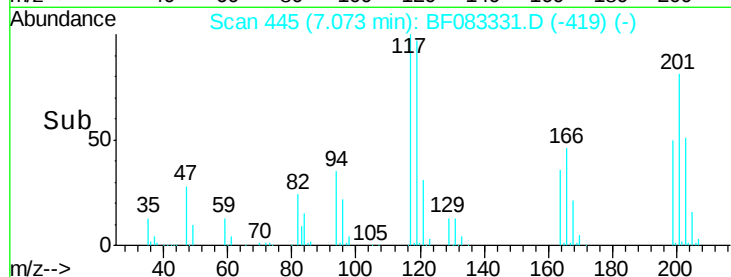
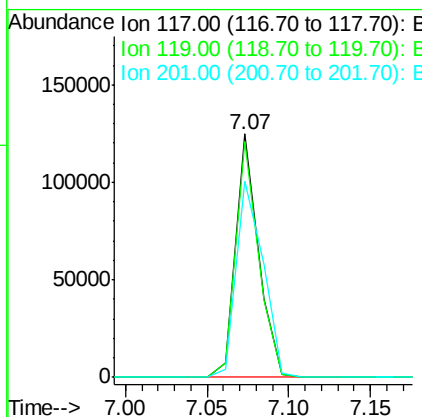
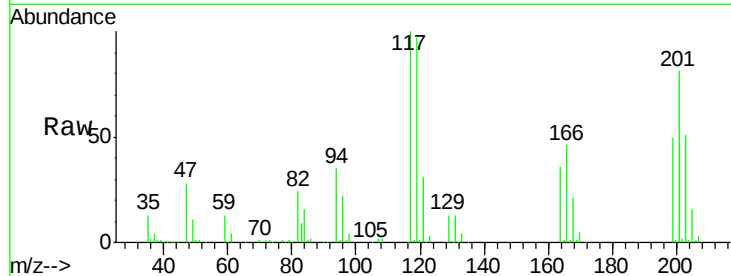
#18  
Hexachloroethane  
Concen: 25.76 ng  
RT: 7.07 min Scan# 445  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 117     | 100   | 119572 |        |       |
| 119     | 96.9  | 76.8   | 115.2  |       |
| 201     | 80.7  | 88.6   | 133.0# |       |

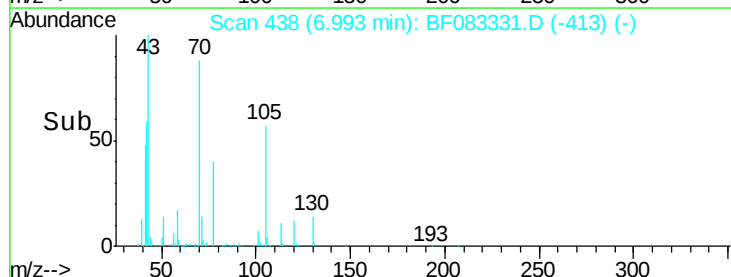
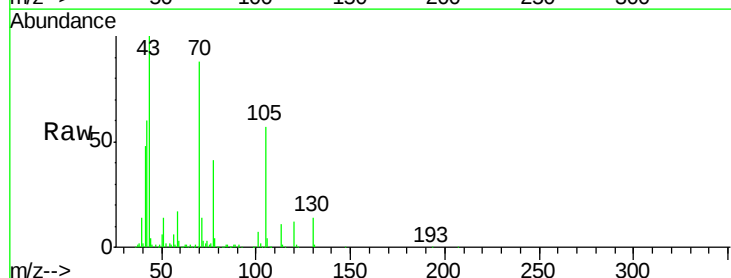
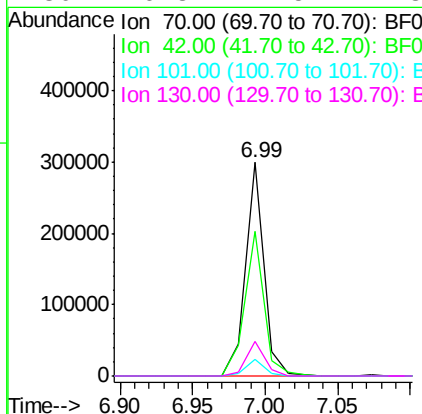
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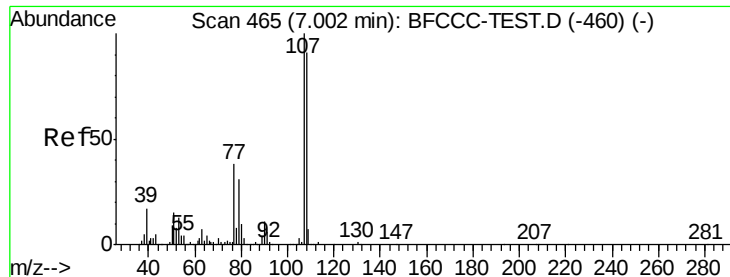
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12/1/2015 5:22:52 PM



#19  
n-Nitroso-di-n-propylamine  
Concen: 27.81 ng  
RT: 6.99 min Scan# 438  
Delta R.T. -0.01 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 70      | 100   | 264464 |       |       |
| 42      | 67.6  | 54.5   | 81.7  |       |
| 101     | 8.0   | 6.6    | 9.8   |       |
| 130     | 16.3  | 11.5   | 17.3  |       |





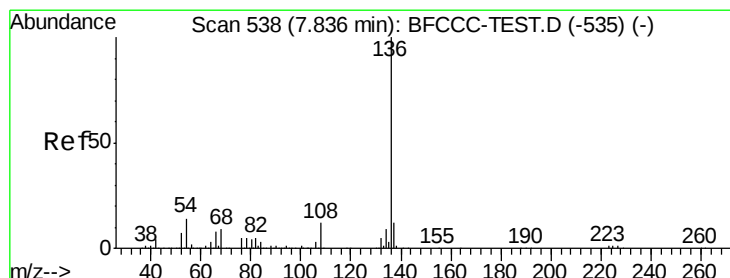
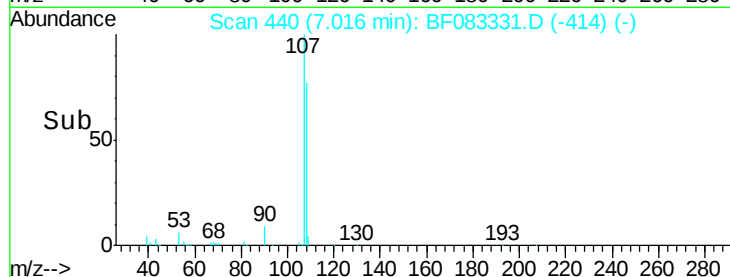
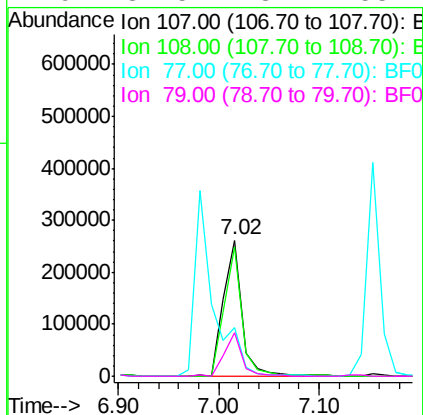
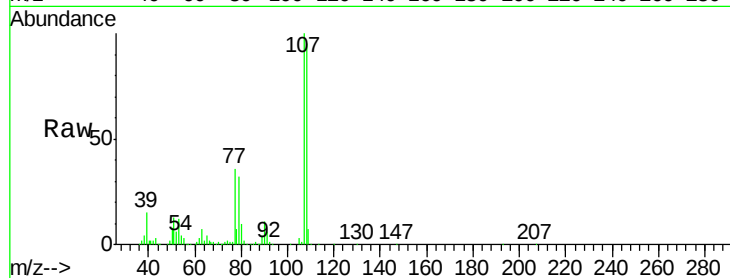
#20  
3+4-Methylphenols  
Concen: 27.81 ng  
RT: 7.02 min Scan# 440  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 107     | 107 | 100   | 331973 |       |       |
| 108     | 108 | 94.6  |        | 73.8  | 113.8 |
| 77      | 77  | 35.5  |        | 19.1  | 59.1  |
| 79      | 79  | 32.5  |        | 13.7  | 53.7  |

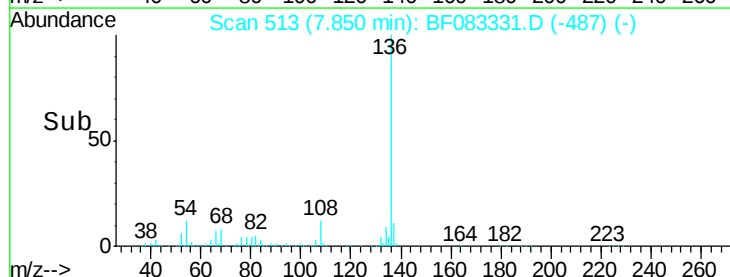
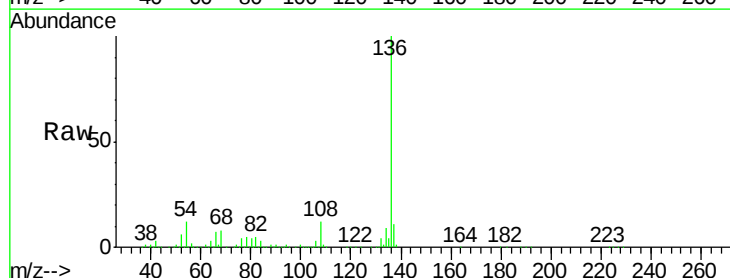
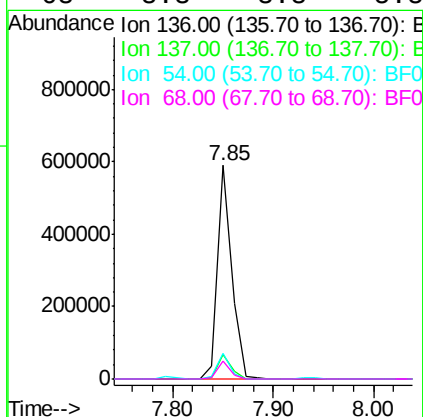
Manual Integrations  
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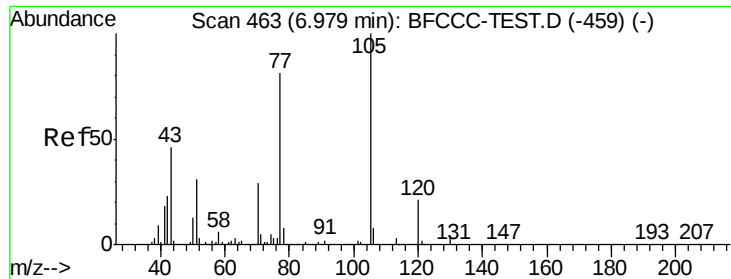
Mmdadoda  
12/1/2015 5:22:52 PM



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.85 min Scan# 513  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 136     | 136 | 100   | 580620 |       |       |
| 137     | 137 | 11.3  |        | 8.7   | 13.1  |
| 54      | 54  | 12.3  |        | 5.8   | 8.6#  |
| 68      | 68  | 8.3   |        | 3.8   | 5.8#  |





#22

Acetophenone

Concen: 26.24 ng

RT: 6.98 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF083331.D

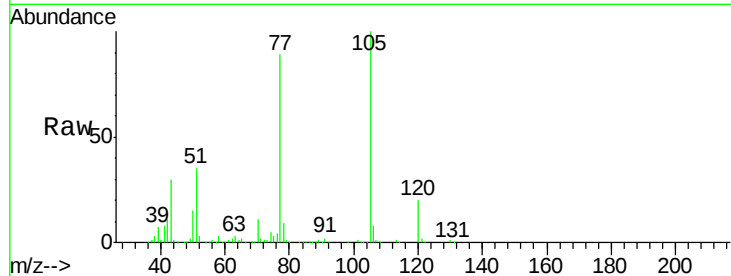
Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

ClientSampleId :

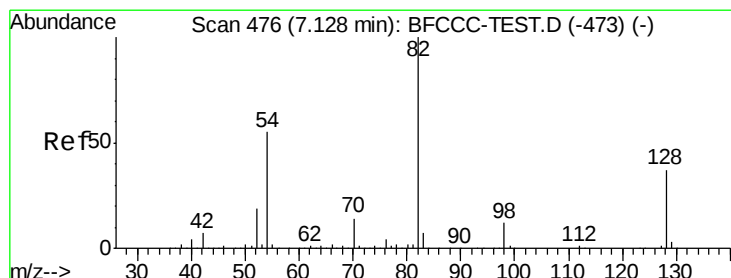
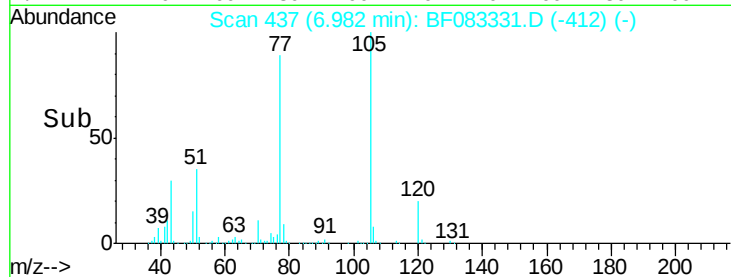
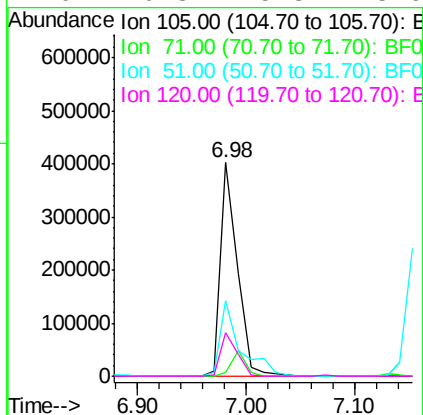
SSTDIC025



| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 437329  | 105 | 100   |      |       |       |
|         | 71  | 2.0   | 1.0  | 1.4   | #     |
|         | 51  | 35.4  | 25.6 | 38.4  |       |
|         | 120 | 20.3  | 15.8 | 23.6  |       |

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#23

Nitrobenzene-d5

Concen: 53.80 ng

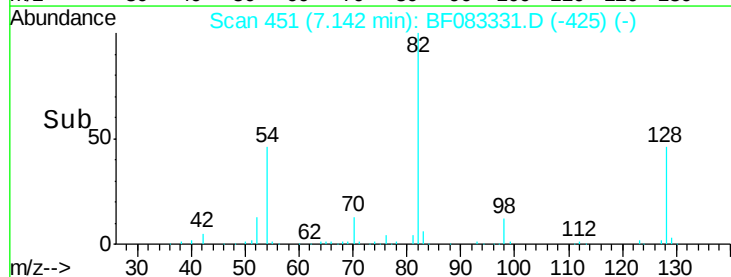
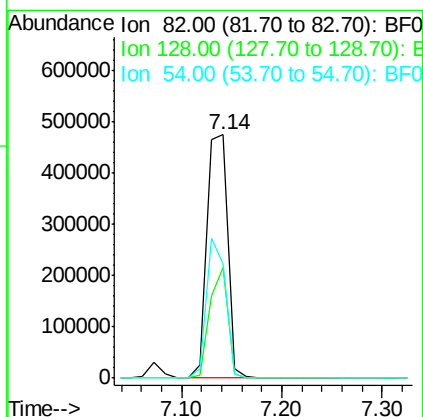
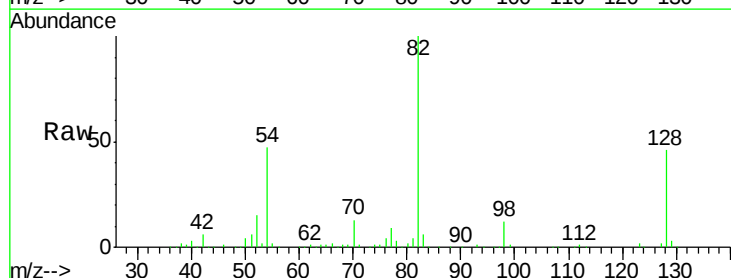
RT: 7.14 min Scan# 451

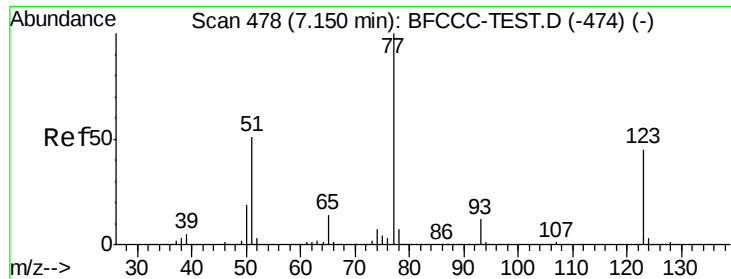
Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 683570  | 82  | 100   |      |       |       |
|         | 128 | 45.5  | 28.5 | 42.7  | #     |
|         | 54  | 47.1  | 44.6 | 67.0  |       |





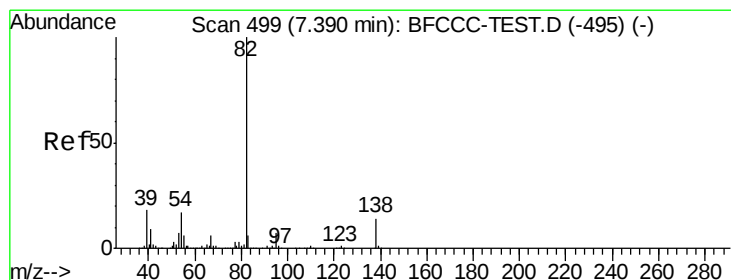
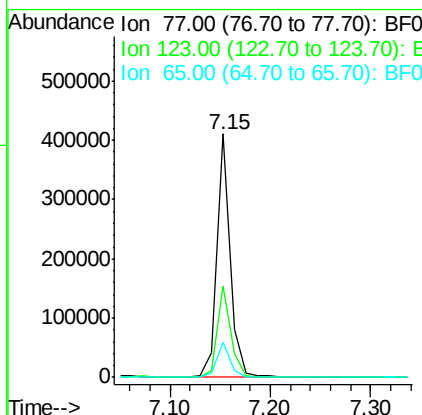
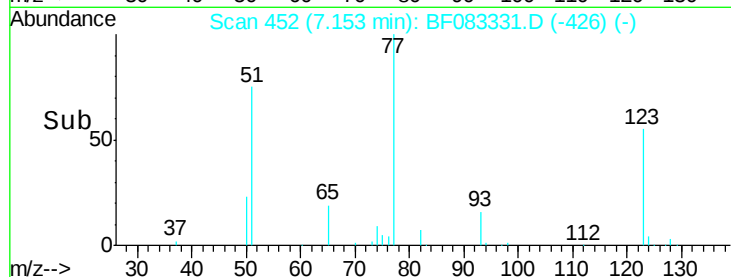
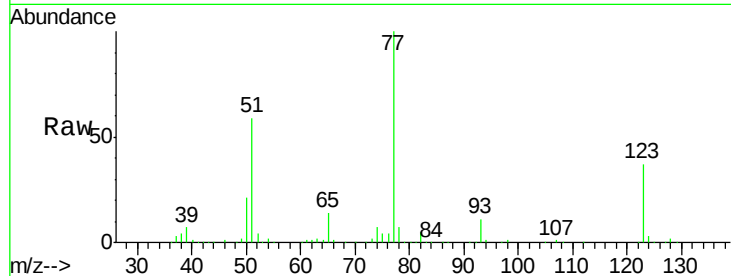
#24  
 Nitrobenzene  
 Concen: 27.67 ng  
 RT: 7.15 min Scan# 452  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 37.5  | 30.1  | 45.1  |
| 65      | 14.4  | 11.6  | 17.4  |

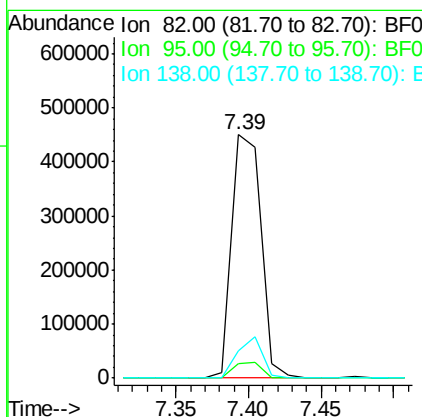
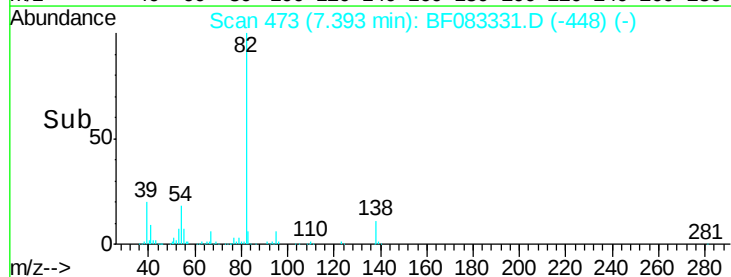
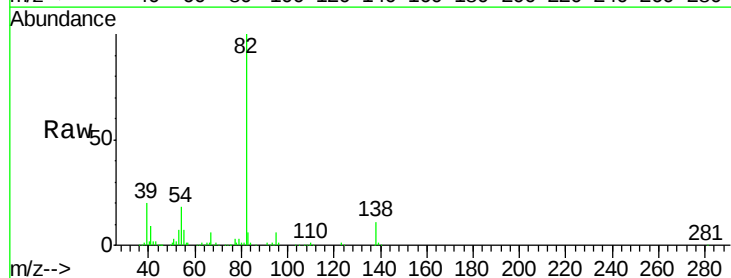
Manual Integrations  
 APPROVED

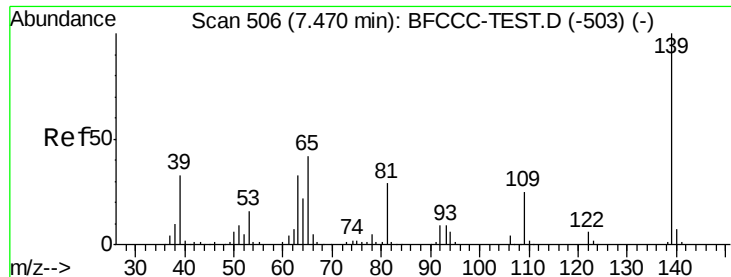
Mmdadoda  
 12/1/2015 5:22:52 PM



#25  
 Isophorone  
 Concen: 26.29 ng  
 RT: 7.39 min Scan# 473  
 Delta R.T. -0.01 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.2   | 5.8   | 8.8   |
| 138     | 11.4  | 11.6  | 17.4# |





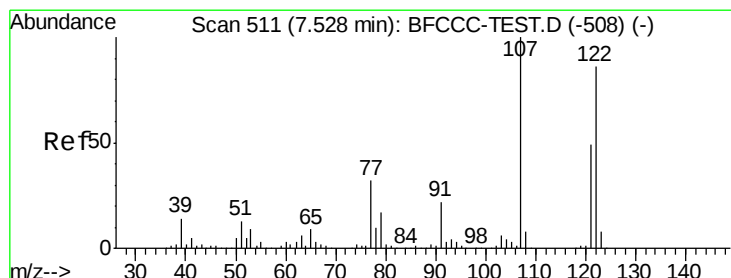
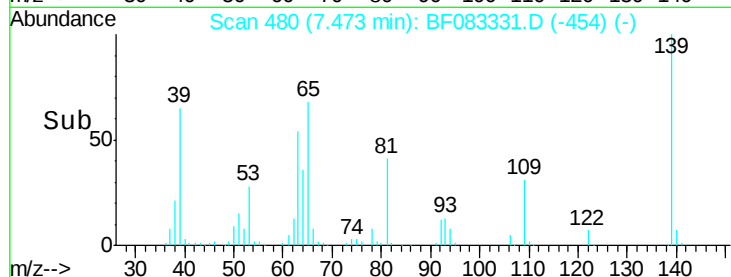
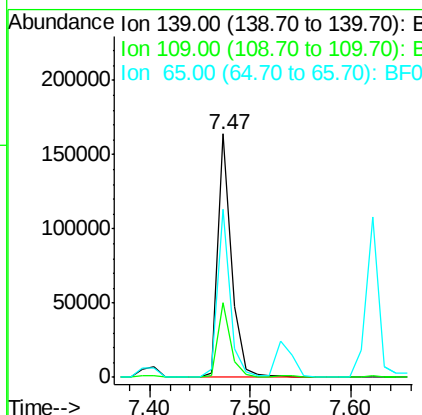
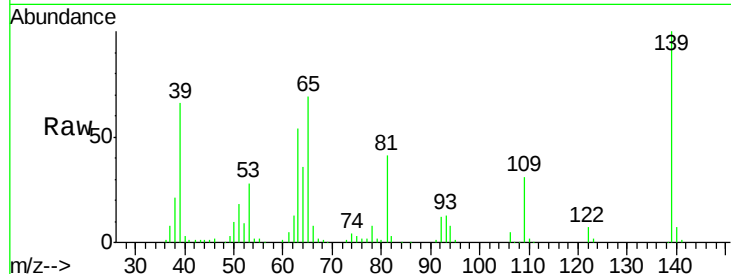
#26  
 2-Nitrophenol  
 Concen: 25.84 ng  
 RT: 7.47 min Scan# 480  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 154899 |       |       |
| 109     | 30.5  | 23.9   | 35.9  |       |
| 65      | 68.9  | 42.7   | 64.1  |       |

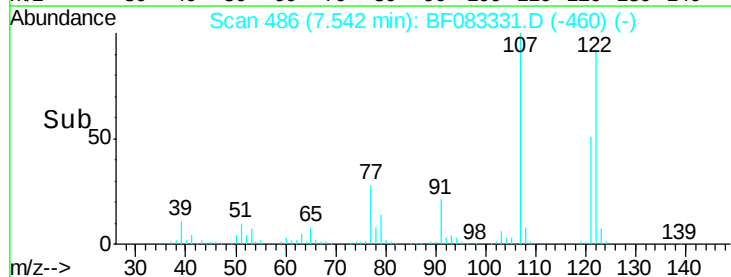
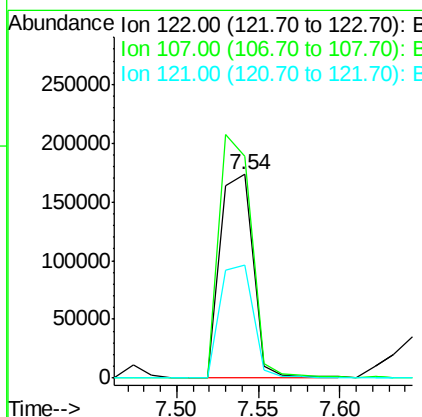
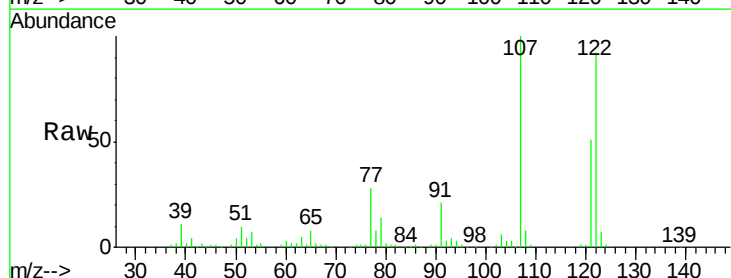
Manual Integrations  
 APPROVED

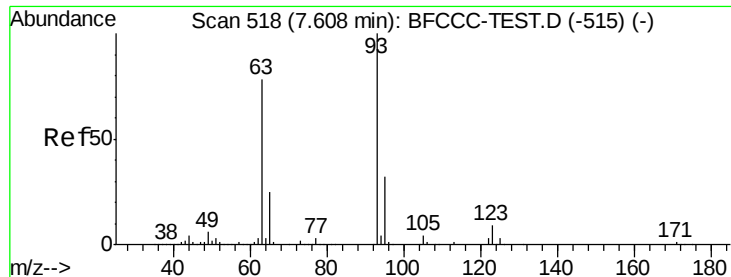
Mmdadoda  
 12/1/2015 5:22:52 PM



#27  
 2,4-Dimethylphenol  
 Concen: 25.47 ng  
 RT: 7.54 min Scan# 486  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 243597 |       |       |
| 107     | 108.9 | 101.1  | 151.7 |       |
| 121     | 55.5  | 44.9   | 67.3  |       |





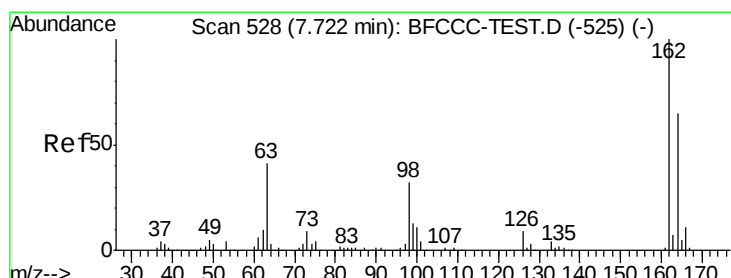
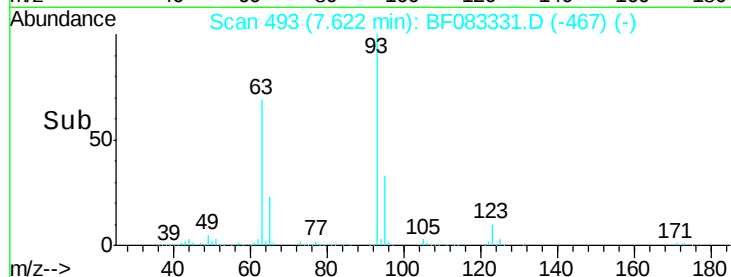
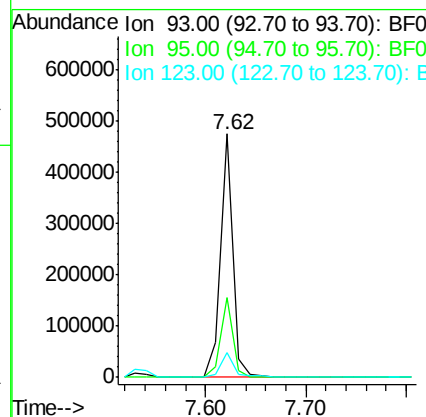
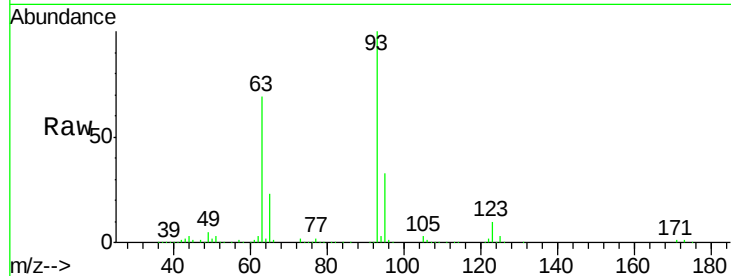
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 29.03 ng  
 RT: 7.62 min Scan# 493  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 406077 |       |       |
| 95      | 32.8 | 26.5  | 39.7   |       |       |
| 123     | 10.2 | 8.1   | 12.1   |       |       |

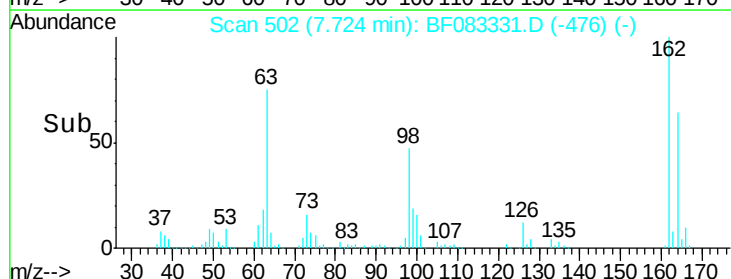
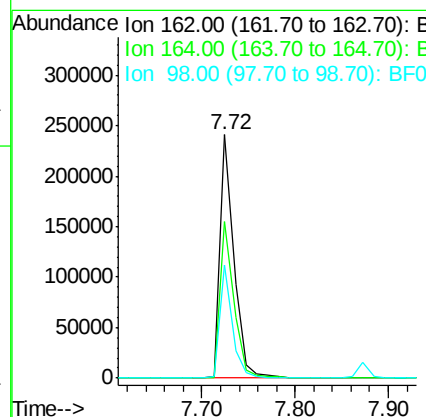
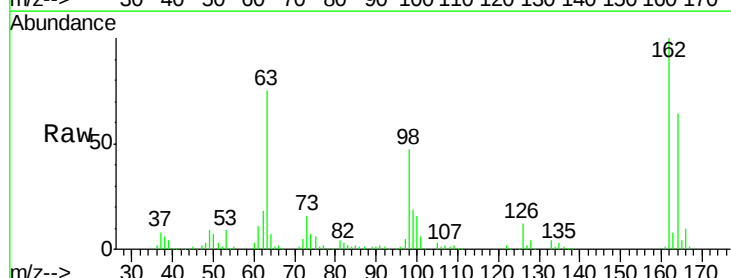
Manual Integrations  
 APPROVED

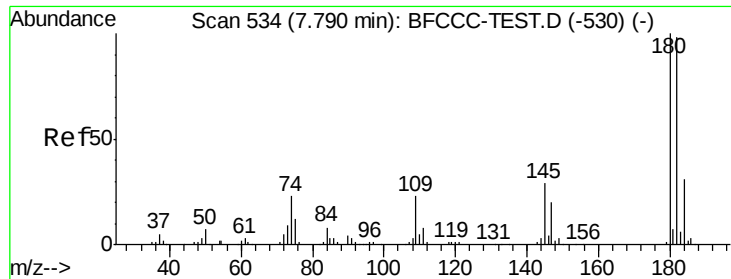
Mmdadoda  
 12/1/2015 5:22:52 PM



#29  
 2,4-Dichlorophenol  
 Concen: 27.19 ng  
 RT: 7.72 min Scan# 502  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 247344 |       |       |
| 164     | 64.3 | 44.8  | 84.8   |       |       |
| 98      | 46.7 | 23.1  | 63.1   |       |       |





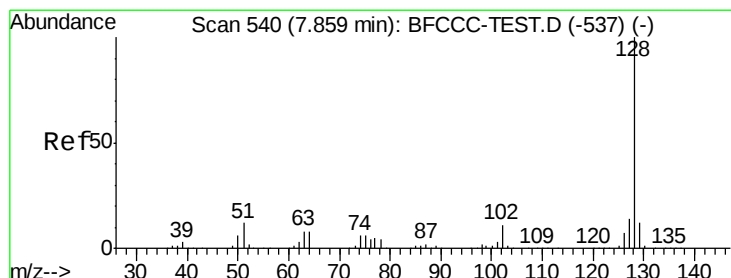
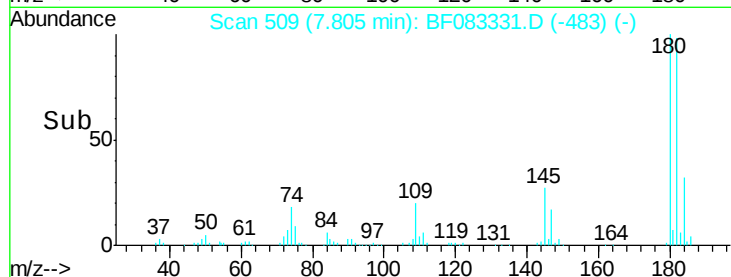
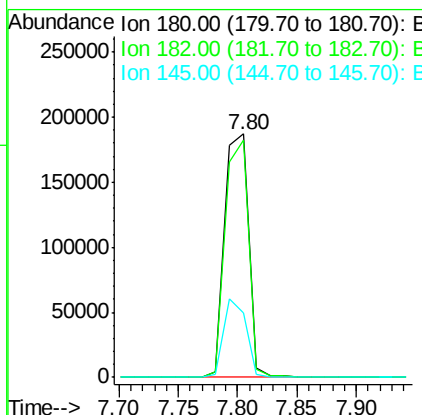
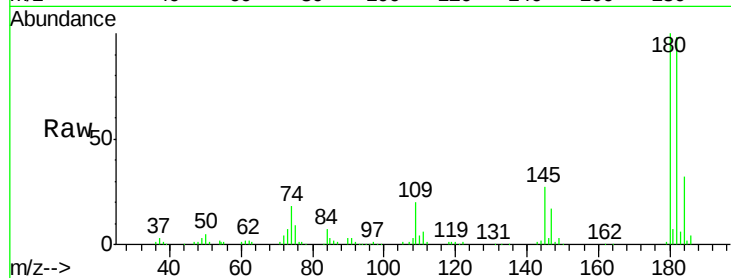
#30  
 1,2,4-Trichlorobenzene  
 Concen: 26.11 ng  
 RT: 7.80 min Scan# 509  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 260947 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.6  | 79.0  | 118.6  |
| 145       | 26.5  | 24.2  | 36.2   |

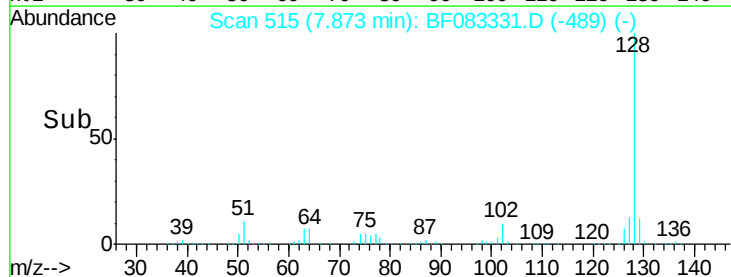
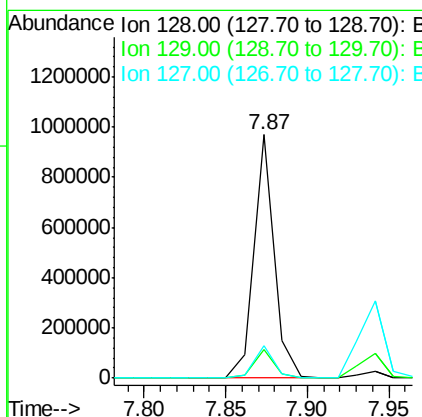
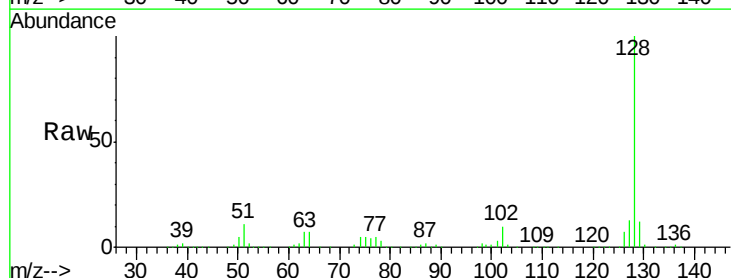
Manual Integrations  
 APPROVED

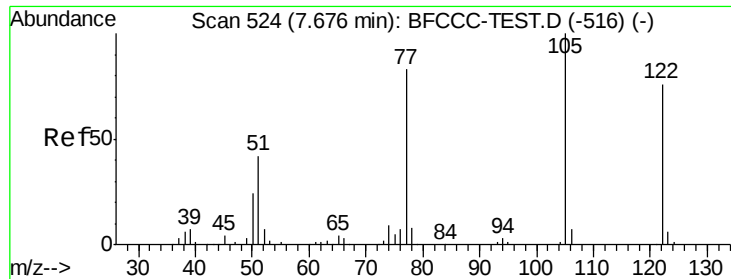
Mmdadoda  
 12/1/2015 5:22:52 PM



#31  
 Naphthalene  
 Concen: 26.83 ng  
 RT: 7.87 min Scan# 515  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 840879 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.5  | 9.0   | 13.4   |
| 127       | 13.4  | 10.6  | 15.8   |





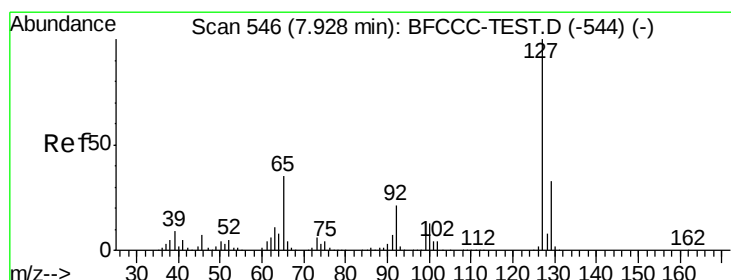
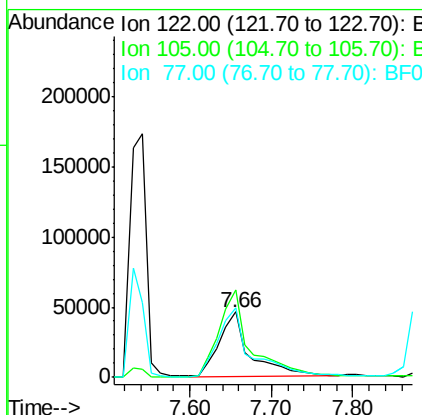
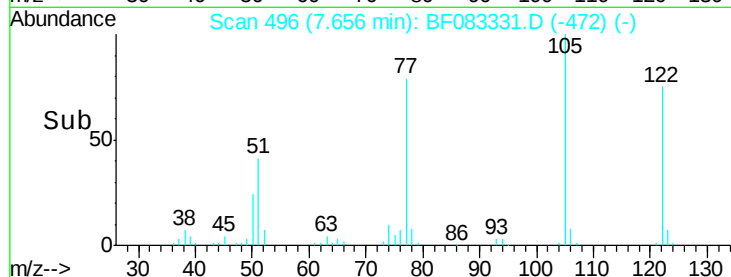
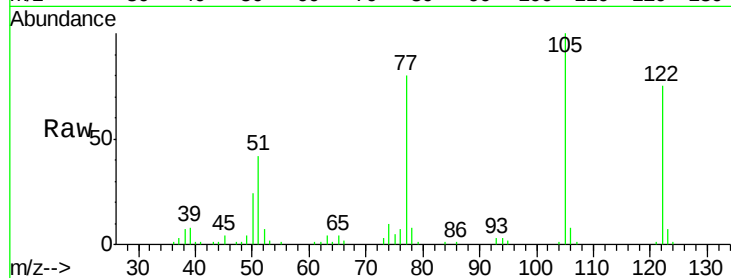
#32  
Benzoic acid  
Concen: 16.31 ng  
RT: 7.66 min Scan# 496  
Delta R.T. -0.02 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 121263 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 134.2 | 109.7 | 149.7  |
| 77        | 107.0 | 79.7  | 119.7  |

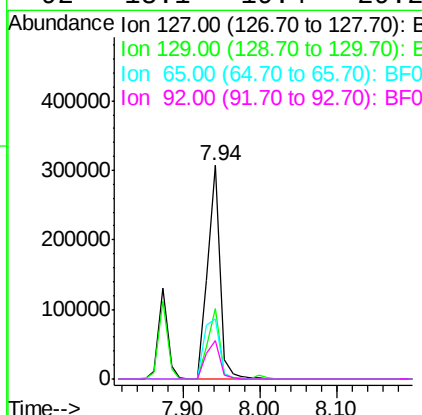
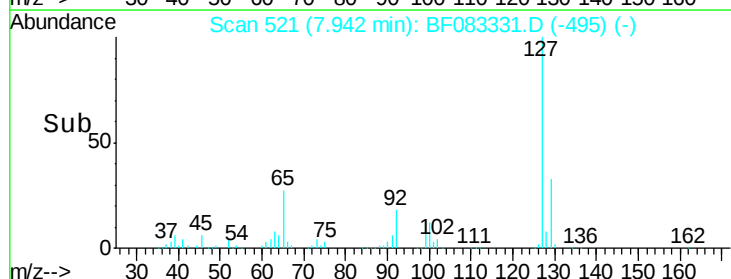
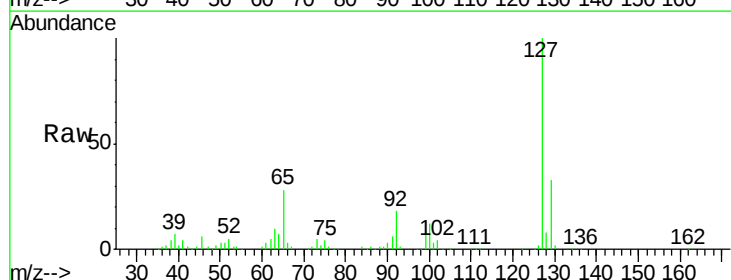
Manual Integrations  
APPROVED

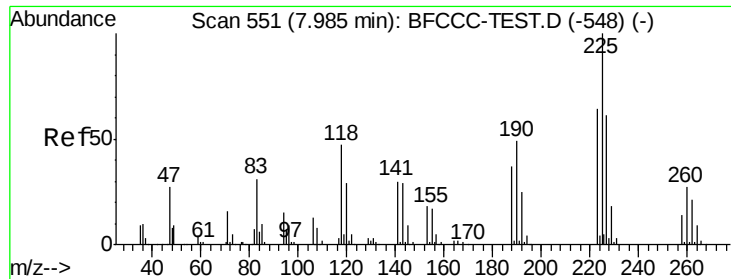
Mmdadoda  
12/1/2015 5:22:52 PM



#33  
4-Chloroaniline  
Concen: 27.91 ng  
RT: 7.94 min Scan# 521  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 339345 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.7  | 25.7  | 38.5   |
| 65        | 28.3  | 35.5  | 53.3#  |
| 92        | 18.1  | 19.4  | 29.2#  |





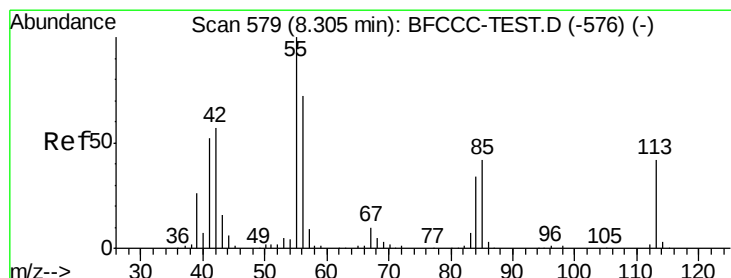
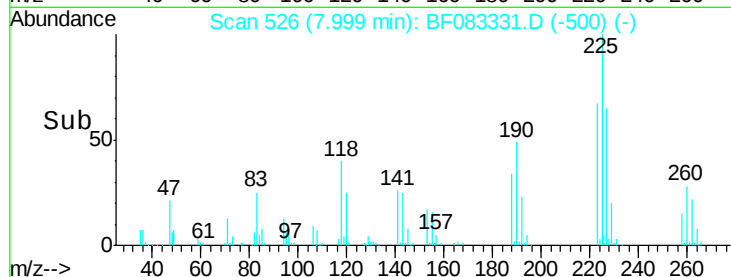
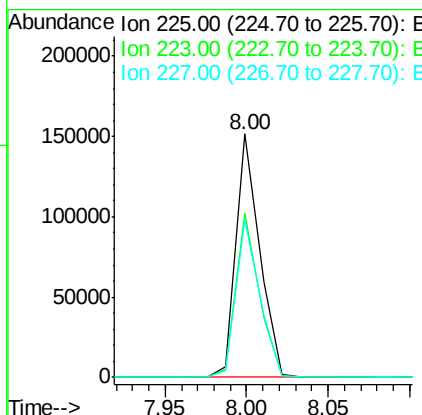
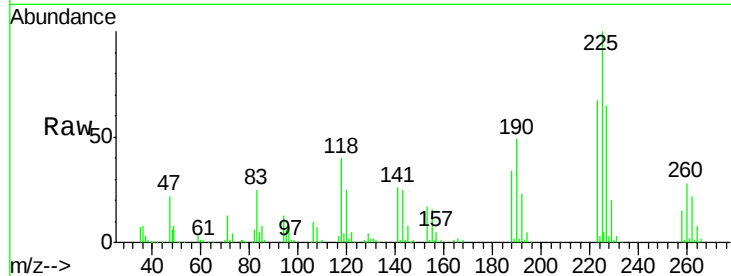
#34  
Hexachlorobutadiene  
Concen: 25.54 ng  
RT: 8.00 min Scan# 526  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 225   | Resp: | 150818 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 67.3  | 51.3  | 76.9   |
| 227       | 65.0  | 49.8  | 74.8   |

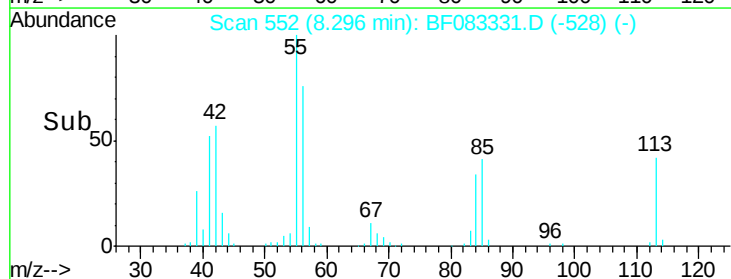
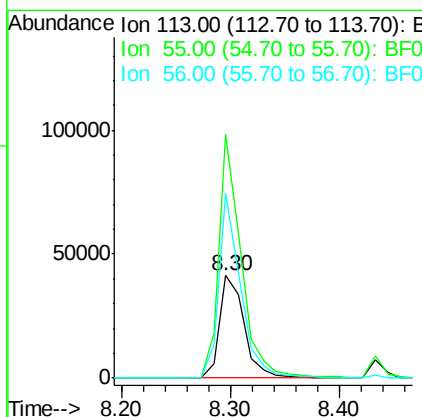
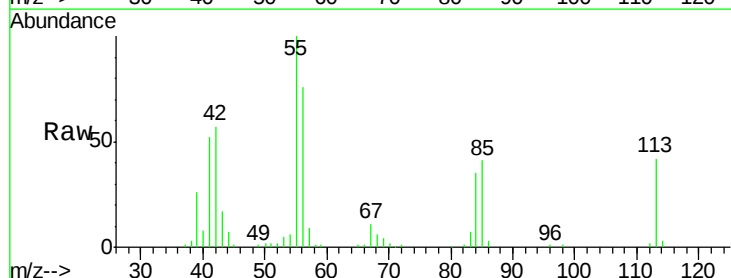
Manual Integrations  
APPROVED

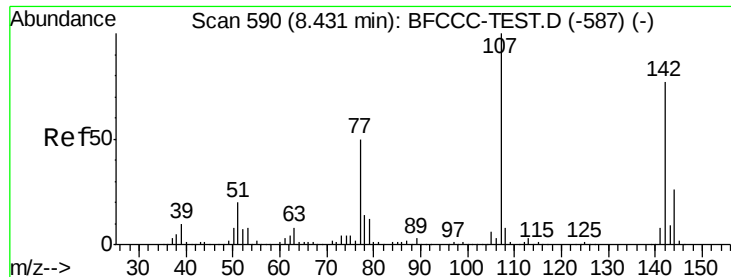
Mmdadoda  
12/1/2015 5:22:52 PM



#35  
Caprolactam  
Concen: 22.19 ng  
RT: 8.30 min Scan# 552  
Delta R.T. -0.02 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 64711  |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 237.8 | 192.6 | 232.6# |
| 56        | 180.7 | 148.6 | 188.6  |





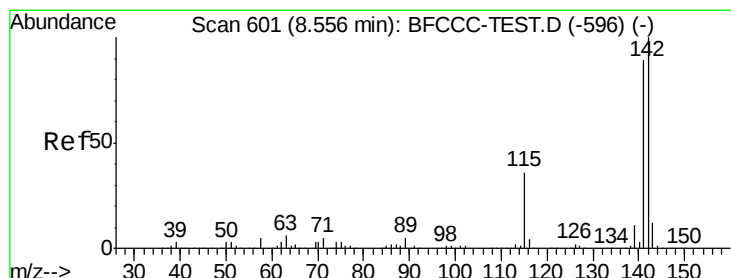
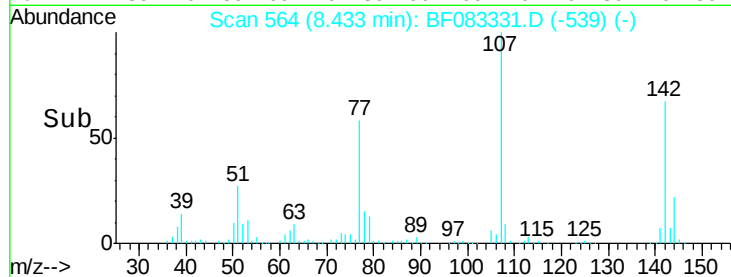
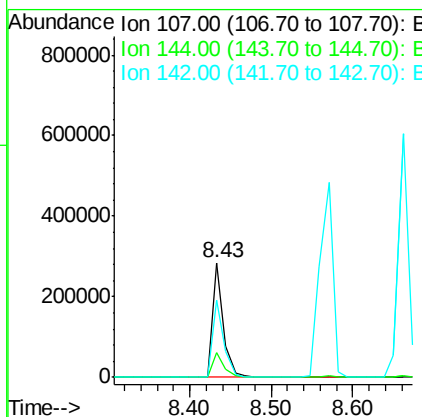
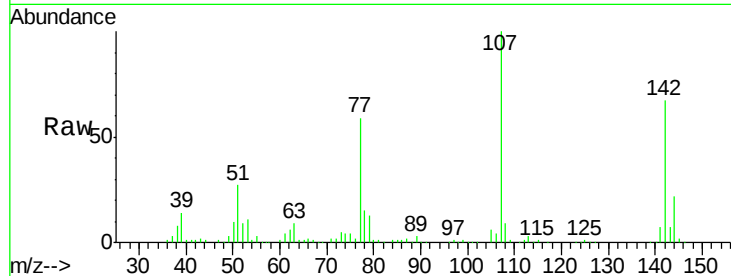
#36  
 4-Chloro-3-methylphenol  
 Concen: 25.02 ng  
 RT: 8.43 min Scan# 564  
 Delta R.T. -0.01 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 263657 |       |       |
| 144     | 21.9  | 20.8   | 31.2  |       |
| 142     | 67.1  | 62.1   | 93.1  |       |

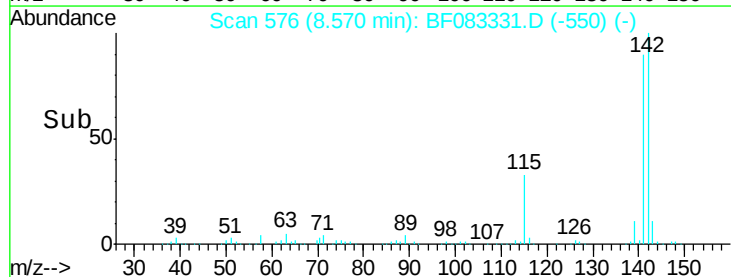
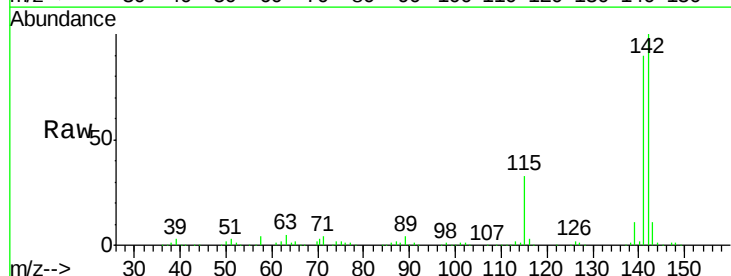
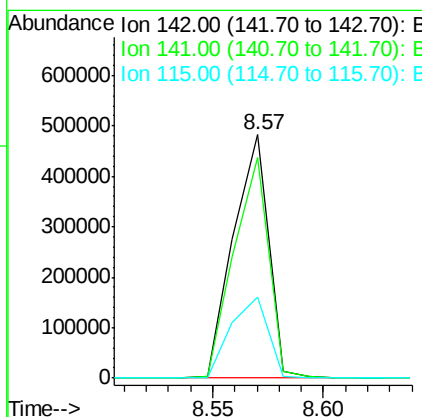
Manual Integrations  
 APPROVED

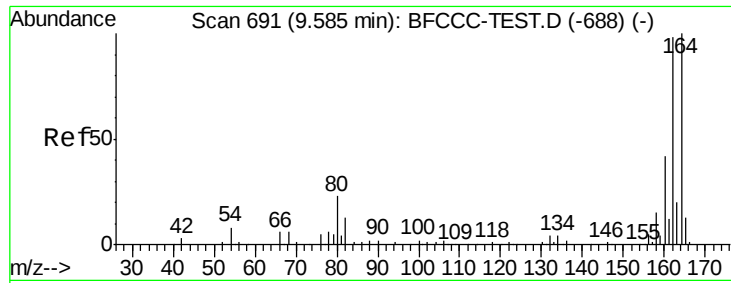
Mmdadoda  
 12/1/2015 5:22:52 PM



#37  
 2-Methylnaphthalene  
 Concen: 26.26 ng m  
 RT: 8.57 min Scan# 576  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 533985 |       |       |
| 141     | 90.4  | 70.3   | 105.5 |       |
| 115     | 33.1  | 33.4   | 50.2  |       |





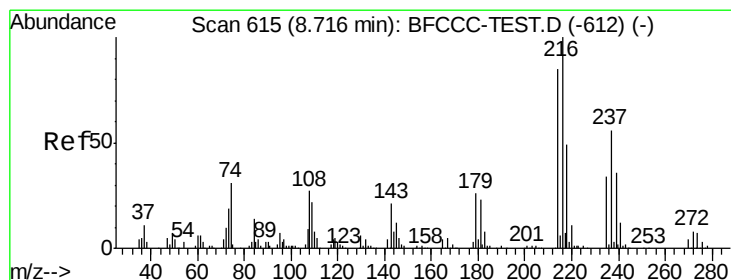
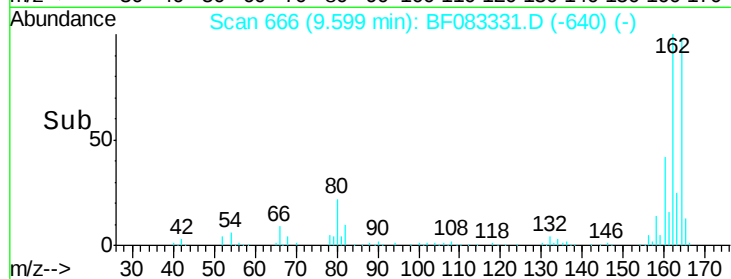
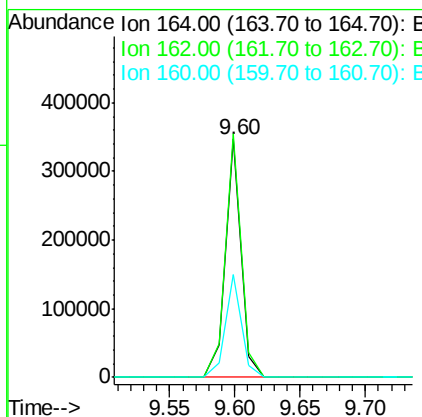
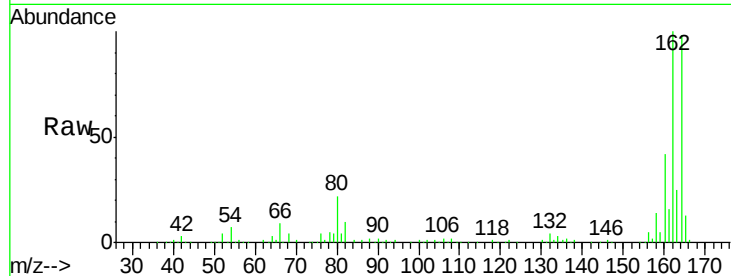
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.60 min Scan# 666  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 292280 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.3 | 81.2  | 121.8  |
| 160       | 43.4  | 35.6  | 53.4   |

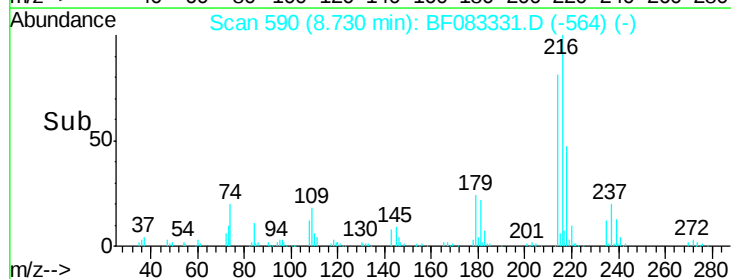
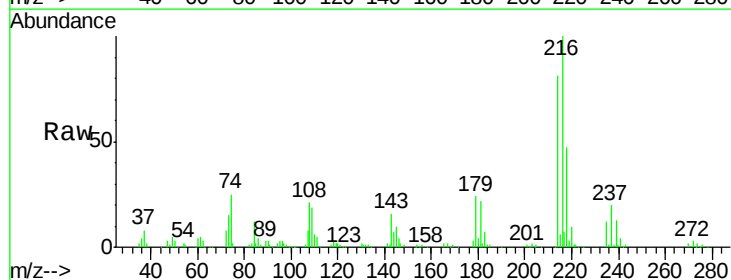
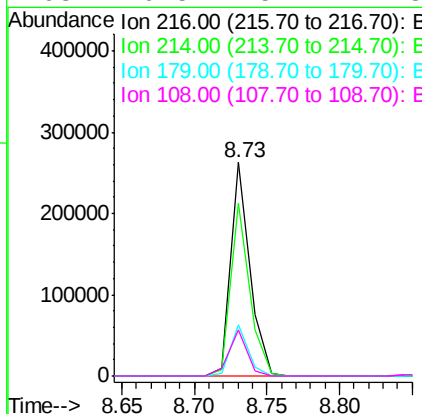
Manual Integrations  
 APPROVED

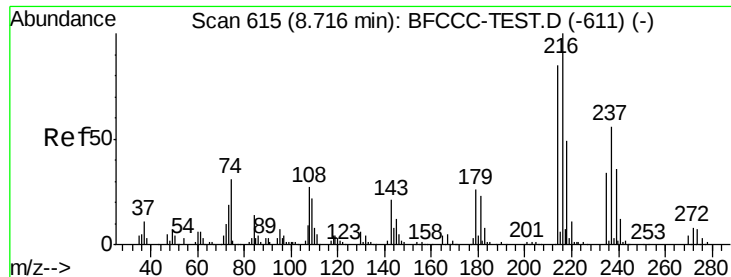
Mmdadoda  
 12/1/2015 5:22:52 PM



#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 25.56 ng  
 RT: 8.73 min Scan# 590  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 242153 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 80.0  | 63.8  | 95.8   |
| 179       | 22.3  | 17.0  | 25.6   |
| 108       | 20.5  | 15.2  | 22.8   |





#40

Hexachlorocyclopentadiene

Concen: 19.31 ng

RT: 8.72 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

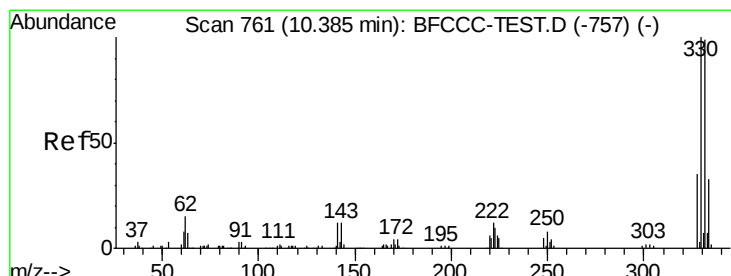
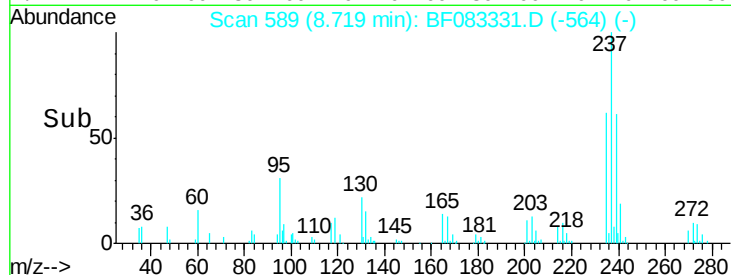
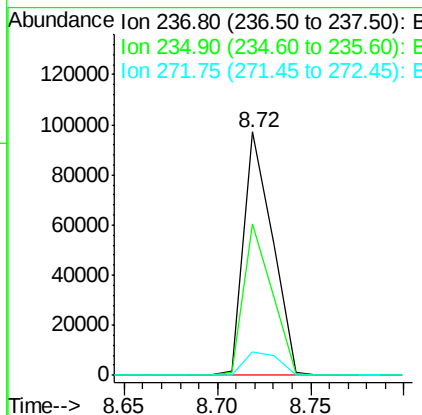
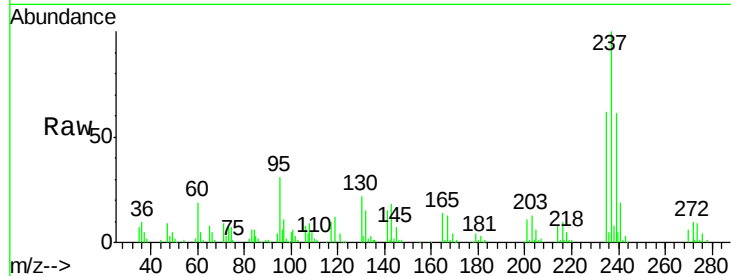
ClientSampleId :

SSTDIC025

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 237  | Resp: | 103998 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 62.2 | 43.5  | 83.5   |
| 272       | 9.9  | 0.0   | 33.1   |

Manual Integrations  
APPROVED

Mmdadoda  
12/1/2015 5:22:52 PM



#41

2,4,6-Tribromophenol

Concen: 46.44 ng

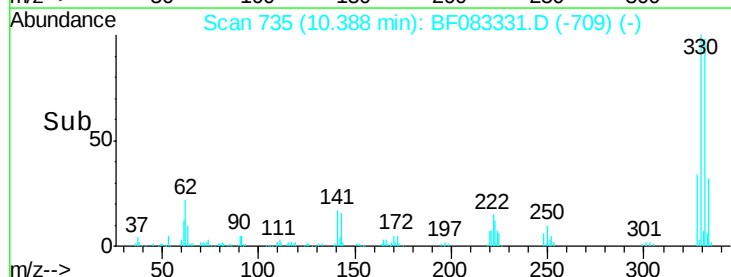
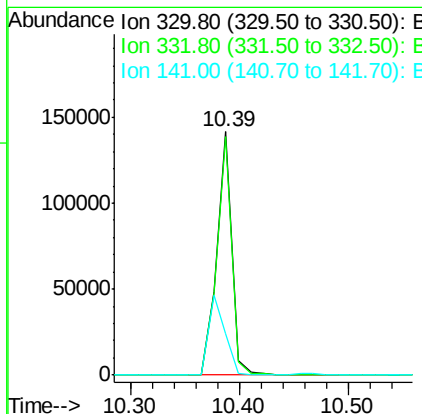
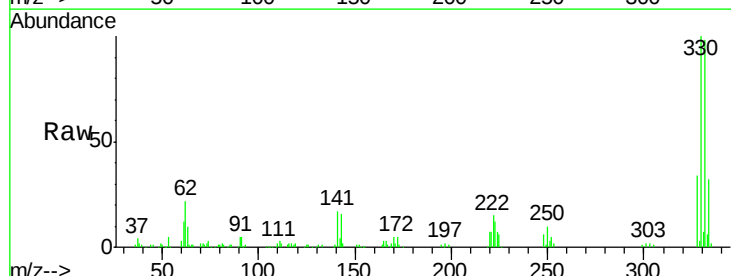
RT: 10.39 min Scan# 735

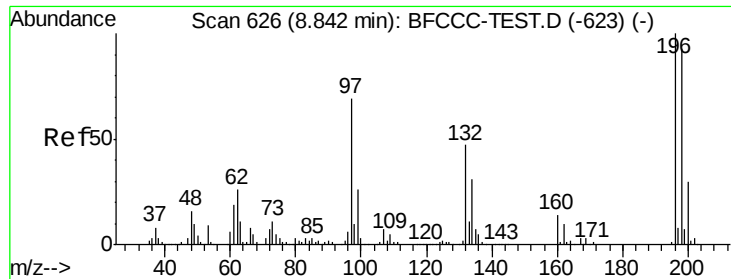
Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 330  | Resp: | 138850 |
| Ion Ratio |      | Lower | Upper  |
| 330       | 100  |       |        |
| 332       | 97.5 | 77.7  | 116.5  |
| 141       | 36.1 | 29.7  | 44.5   |





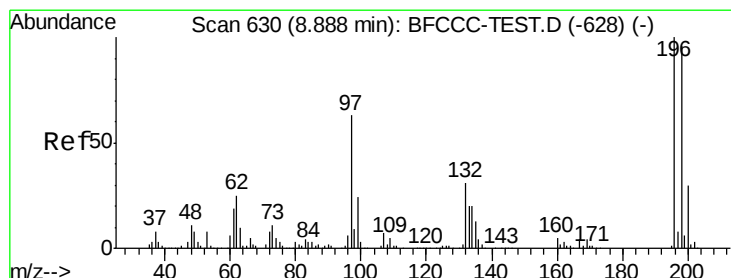
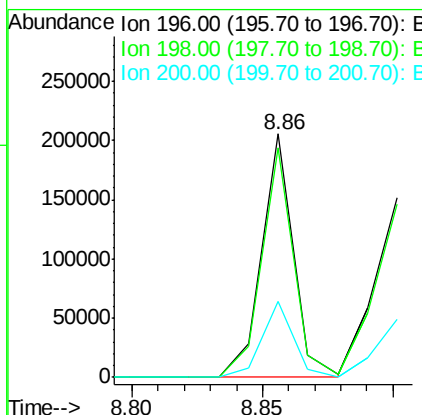
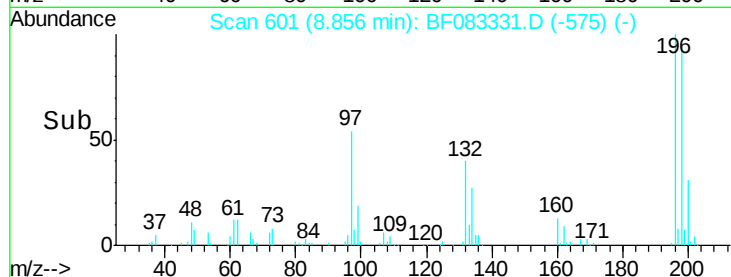
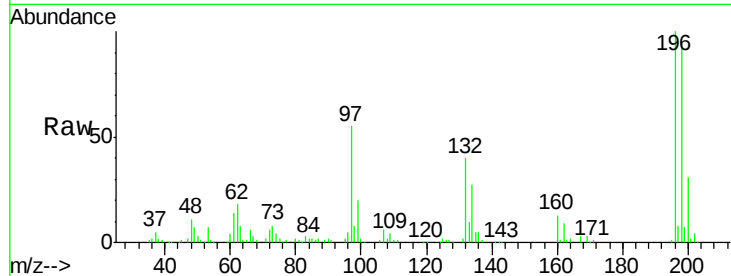
#42  
2,4,6-Trichlorophenol  
Concen: 25.84 ng  
RT: 8.86 min Scan# 601  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 175303 |       |       |
| 198     | 94.0  | 75.9   | 113.9 |       |
| 200     | 31.3  | 24.5   | 36.7  |       |

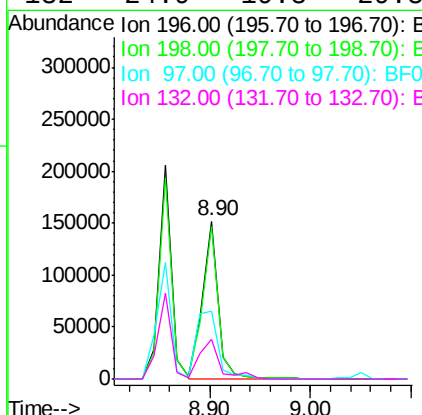
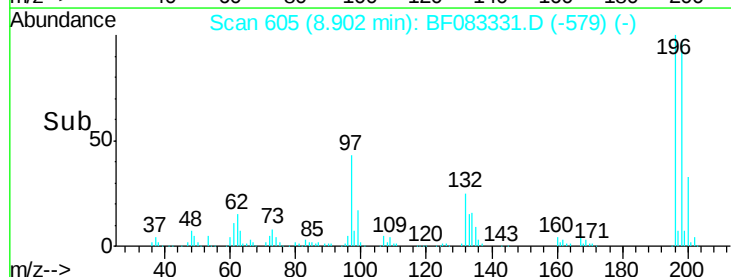
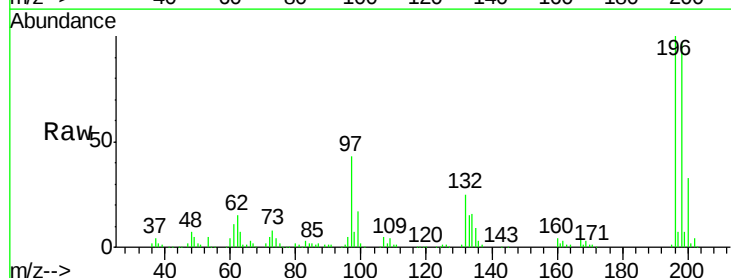
Manual Integrations  
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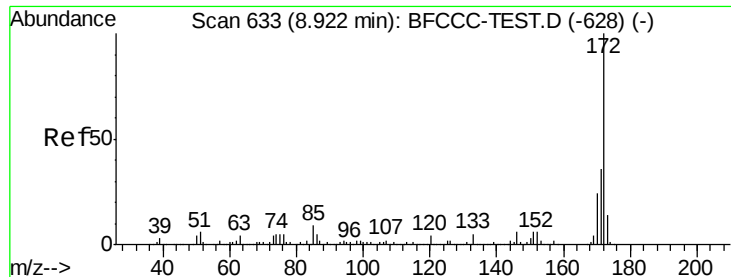
Mmdadoda  
12/1/2015 5:22:52 PM



#43  
2,4,5-Trichlorophenol  
Concen: 24.10 ng  
RT: 8.90 min Scan# 605  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 167180 |       |       |
| 198     | 96.6  | 77.6   | 116.4 |       |
| 97      | 42.9  | 32.6   | 48.8  |       |
| 132     | 24.9  | 19.8   | 29.8  |       |





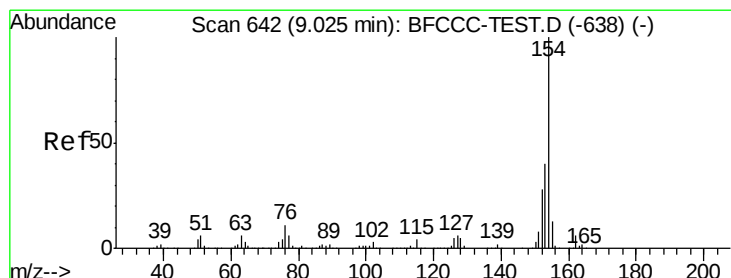
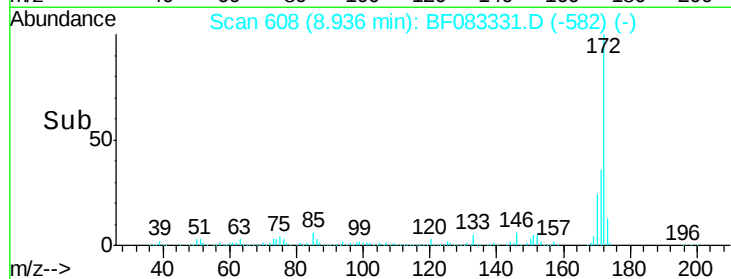
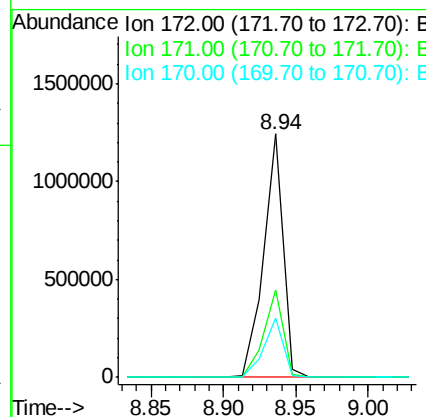
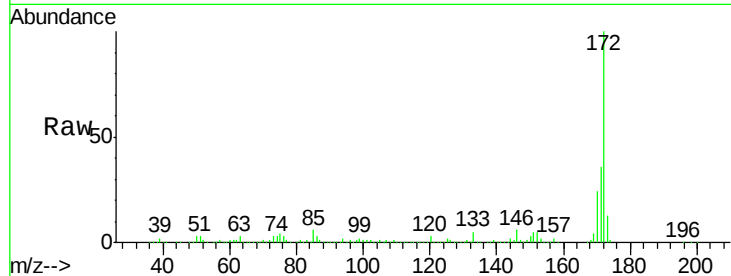
#44  
2-Fluorobiphenyl  
Concen: 55.45 ng  
RT: 8.94 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 29.5  | 44.3  |
| 170     | 24.3  | 19.9  | 29.9  |

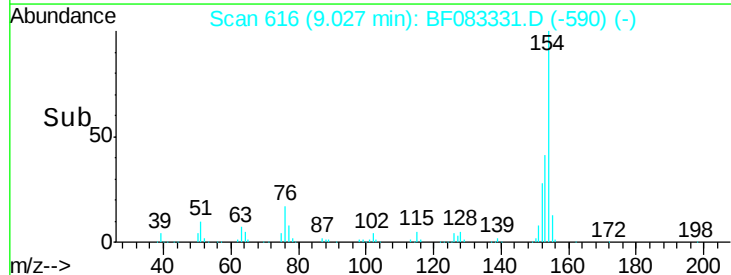
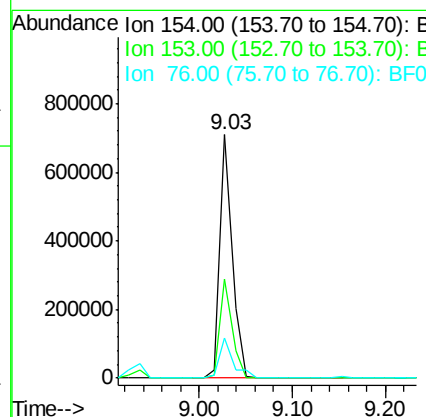
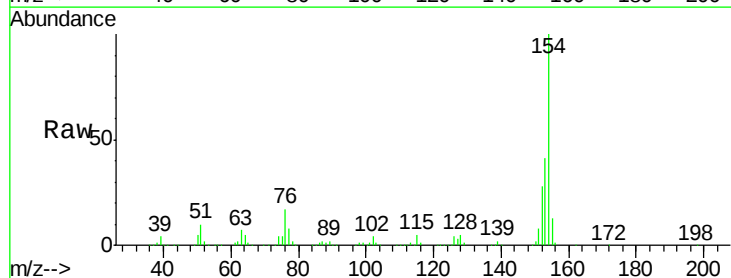
Manual Integrations  
APPROVED

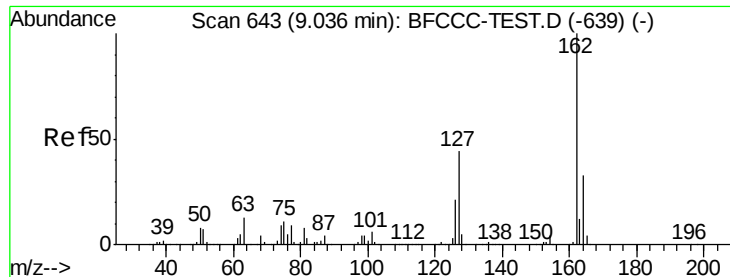
Mmdadoda  
12/1/2015 5:22:52 PM



#45  
1,1'-Biphenyl  
Concen: 26.17 ng  
RT: 9.03 min Scan# 616  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.5  | 20.5  | 60.5  |
| 76      | 16.7  | 0.0   | 31.2  |





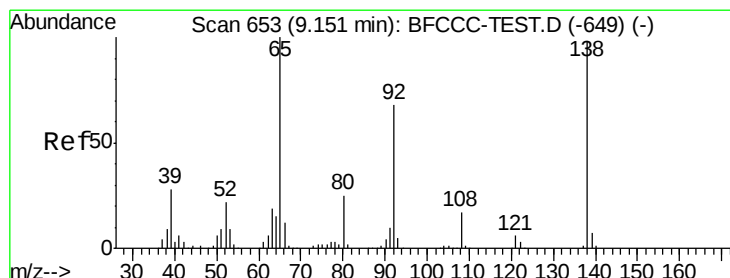
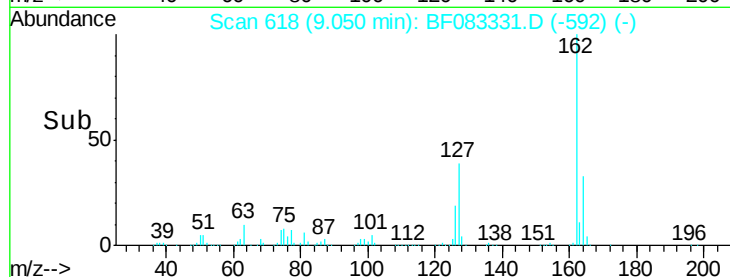
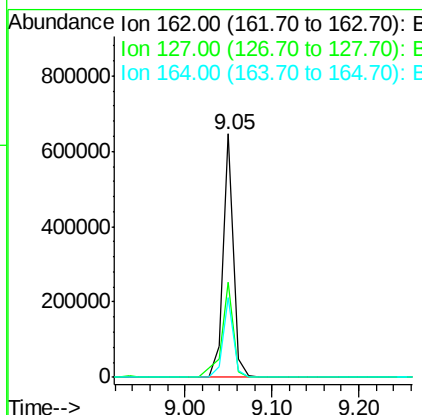
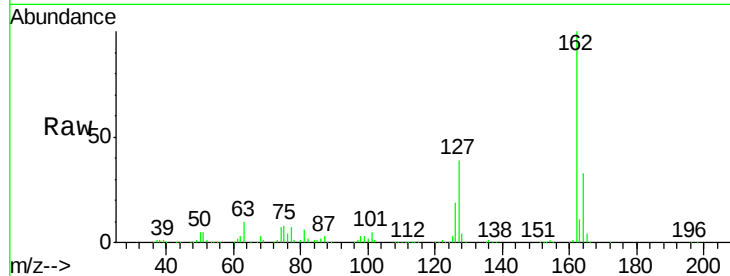
#46  
 2-Chloronaphthalene  
 Concen: 27.69 ng  
 RT: 9.05 min Scan# 618  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 541133 |       |       |
| 127     | 39.2  |        | 29.4  | 44.2  |
| 164     | 32.7  |        | 26.2  | 39.4  |

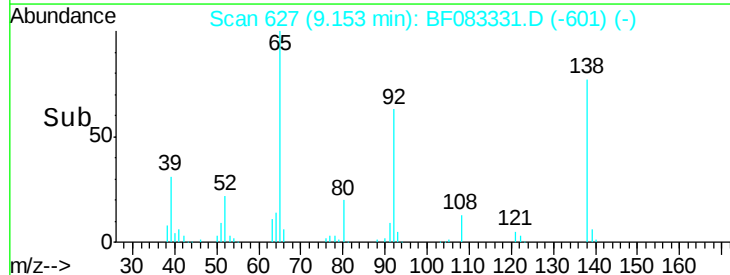
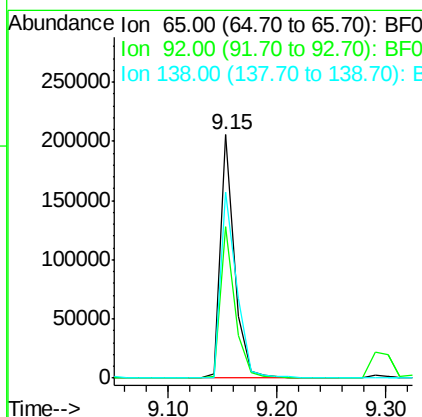
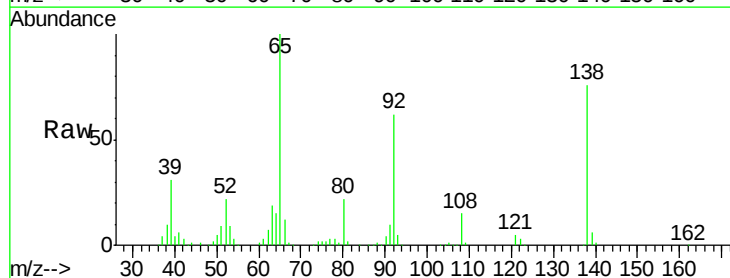
Manual Integrations  
 APPROVED

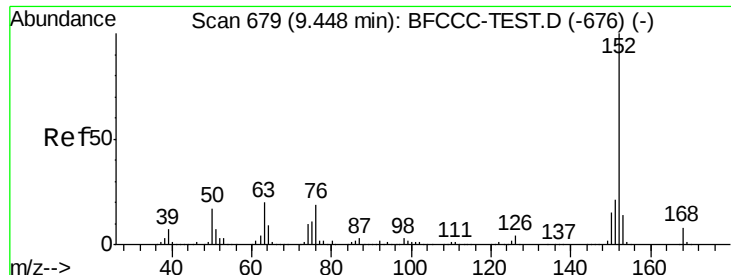
Mmdadoda  
 12/1/2015 5:22:52 PM



#47  
 2-Nitroaniline  
 Concen: 27.08 ng  
 RT: 9.15 min Scan# 627  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 187192 |       |       |
| 92      | 62.0  |        | 49.5  | 74.3  |
| 138     | 76.4  |        | 60.7  | 91.1  |





#48

Acenaphthylene

Concen: 27.94 ng

RT: 9.46 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

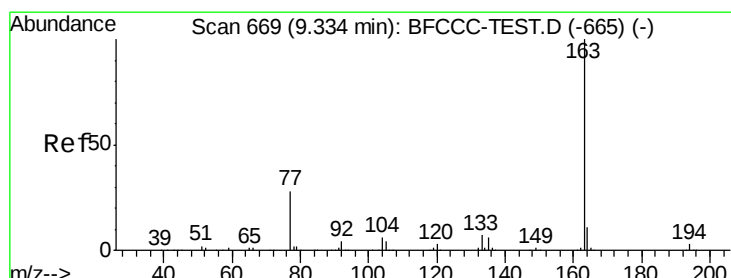
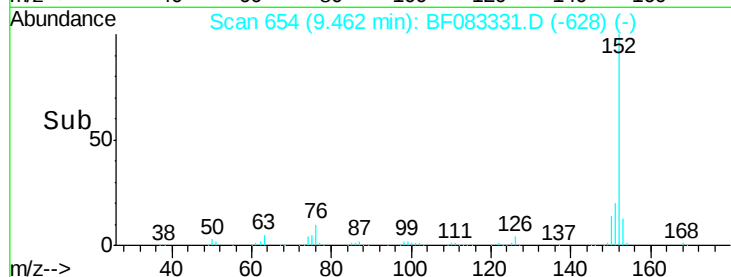
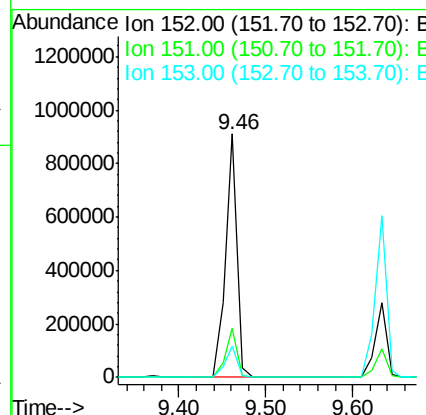
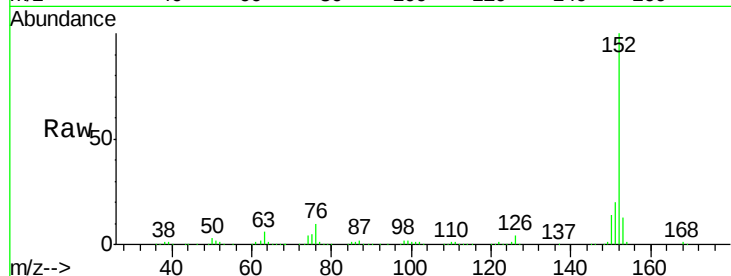
ClientSampleId :

SSTDIC025

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 152  | Resp: | 845914 |
| Ion Ratio |      | Lower | Upper  |
| 152       | 100  |       |        |
| 151       | 20.1 | 16.3  | 24.5   |
| 153       | 13.1 | 10.8  | 16.2   |

Manual Integrations  
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Mmdadoda  
12/1/2015 5:22:52 PM



#49

Dimethylphthalate

Concen: 24.10 ng

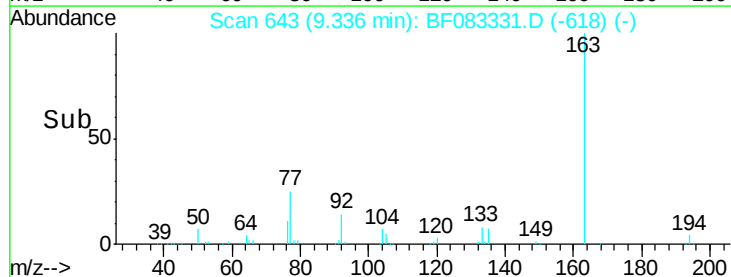
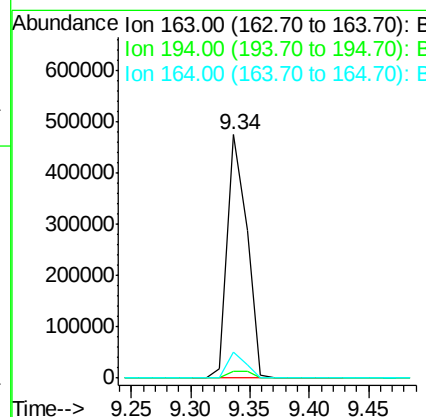
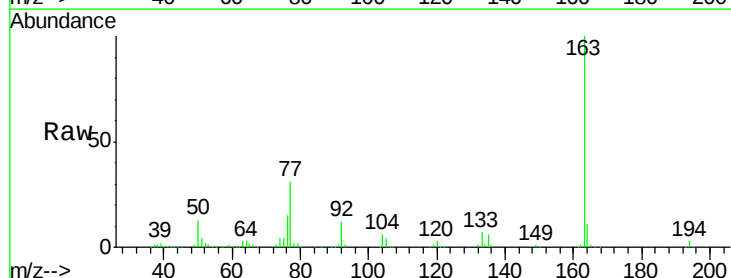
RT: 9.34 min Scan# 643

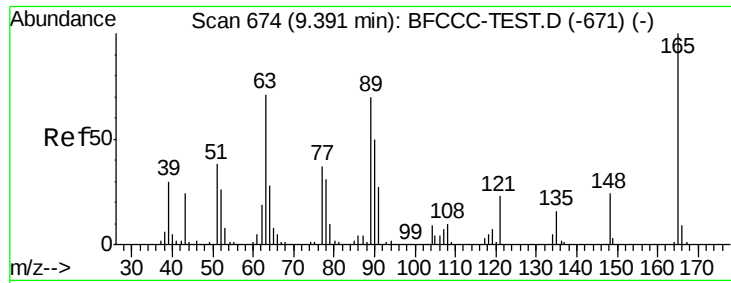
Delta R.T. -0.01 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 163  | Resp: | 542380 |
| Ion Ratio |      | Lower | Upper  |
| 163       | 100  |       |        |
| 194       | 3.0  | 2.6   | 4.0    |
| 164       | 10.6 | 8.6   | 12.8   |





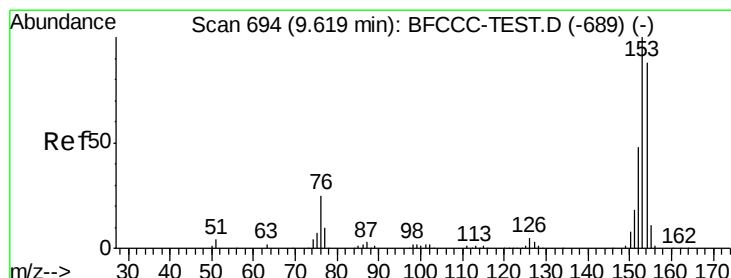
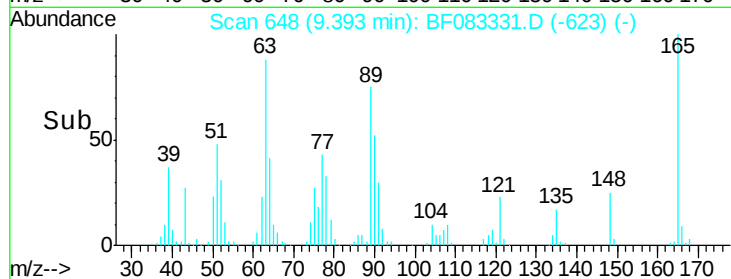
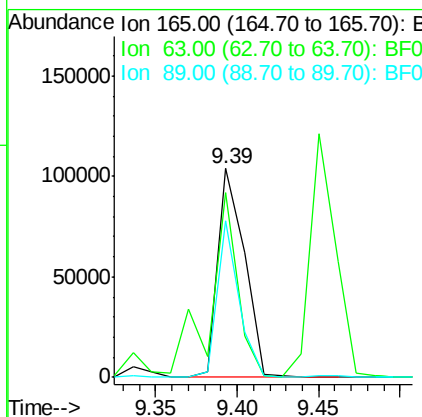
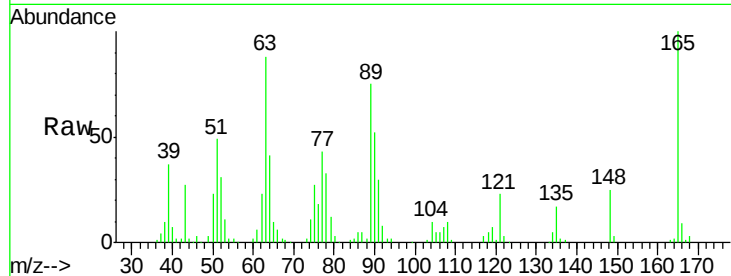
#50  
2,6-Dinitrotoluene  
Concen: 23.20 ng  
RT: 9.39 min Scan# 648  
Delta R.T. -0.01 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 117125 |       |       |
| 63      | 88.2  | 62.5   | 93.7  |       |
| 89      | 75.0  | 59.1   | 88.7  |       |

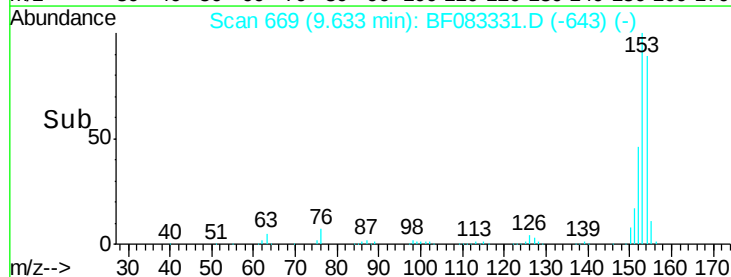
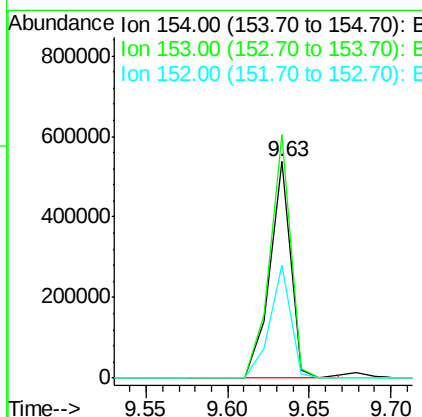
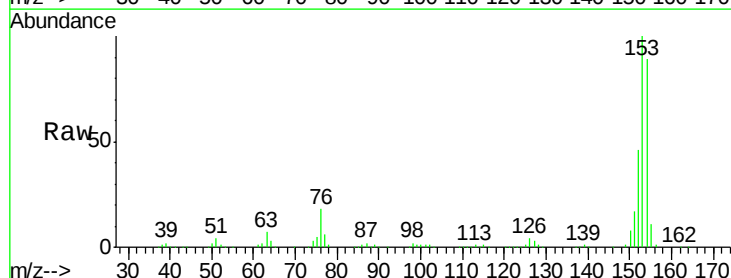
Manual Integrations  
APPROVED

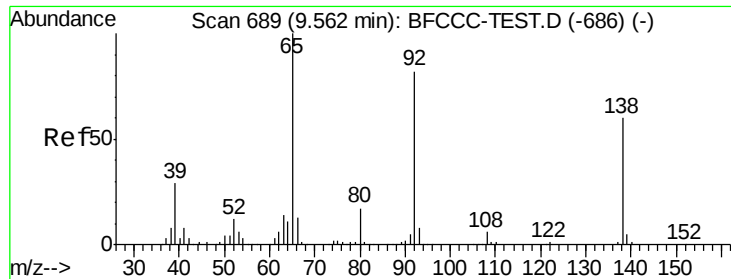
Mmdadoda  
12/1/2015 5:22:52 PM



#51  
Acenaphthene  
Concen: 26.51 ng  
RT: 9.63 min Scan# 669  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 488612 |       |       |
| 153     | 112.4 | 89.6   | 134.4 |       |
| 152     | 52.2  | 43.3   | 64.9  |       |





#52

3-Nitroaniline

Concen: 26.38 ng

RT: 9.56 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

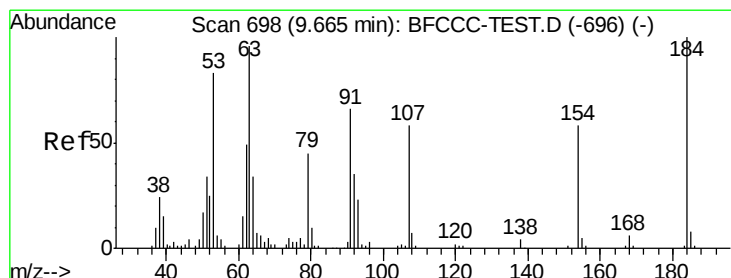
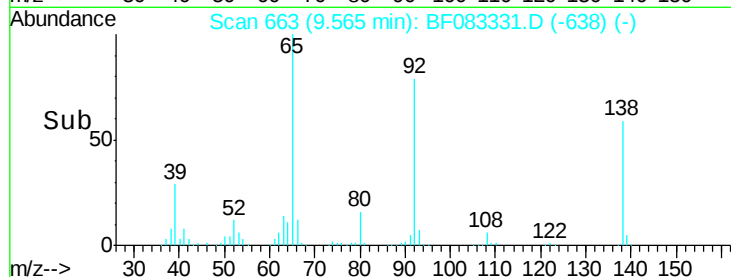
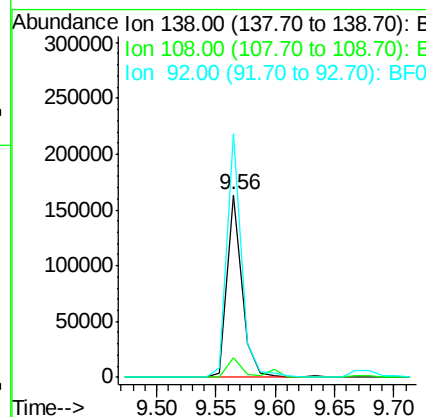
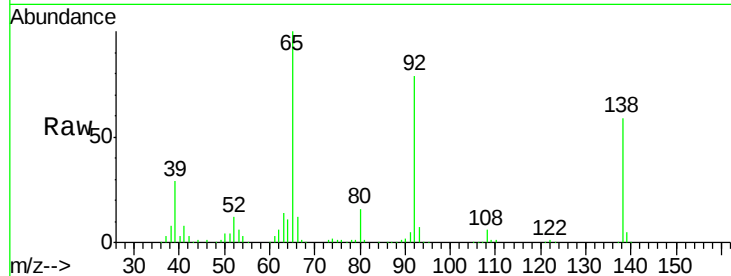
ClientSampleId :

SSTDICC025

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 10.8  | 7.8   | 11.6   |
| 92      | 133.4 | 81.1  | 121.7# |

Manual Integrations  
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12/1/2015 5:22:52 PM



#53

2,4-Dinitrophenol

Concen: 12.58 ng

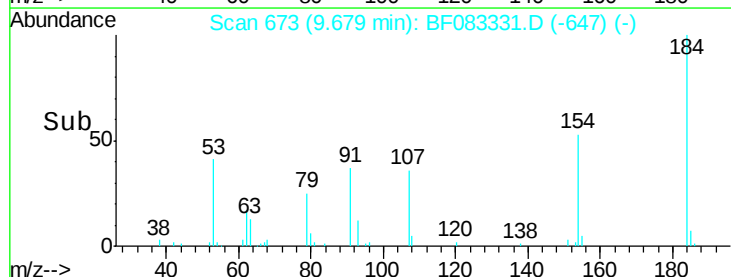
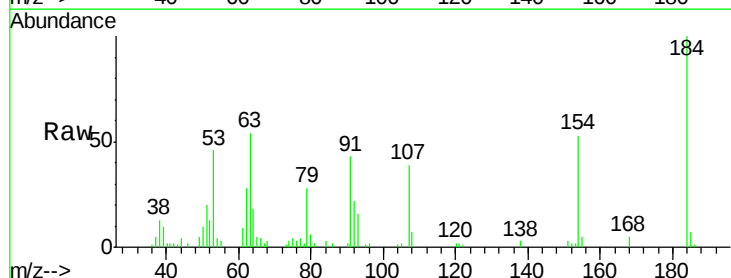
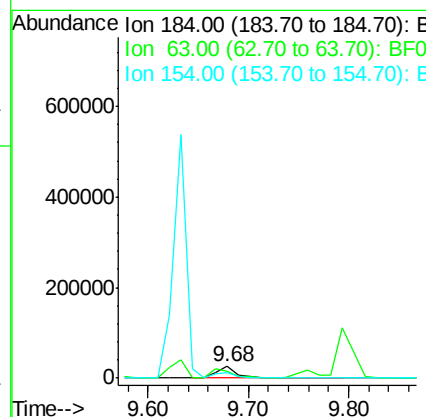
RT: 9.68 min Scan# 673

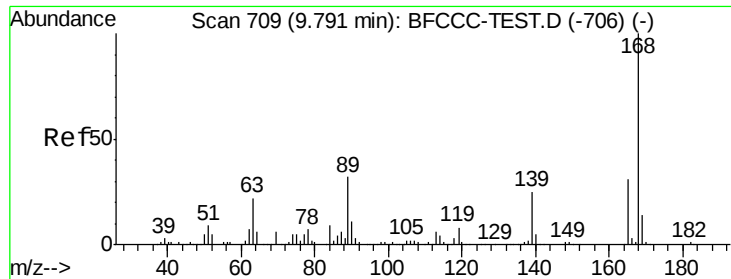
Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 54.2  | 60.5  | 90.7# |
| 154     | 53.4  | 54.3  | 81.5# |





#54

Dibenzofuran

Concen: 27.33 ng

RT: 9.80 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083331.D

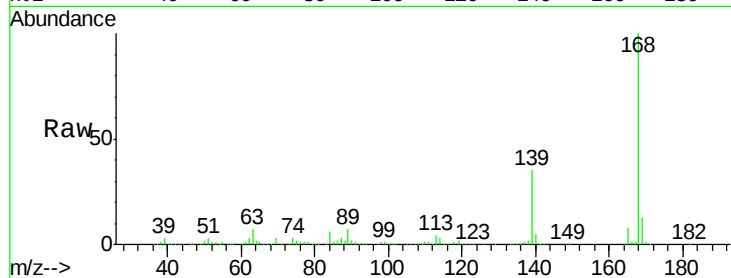
Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

ClientSampled :

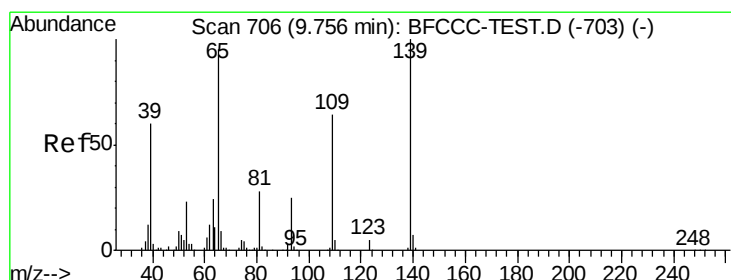
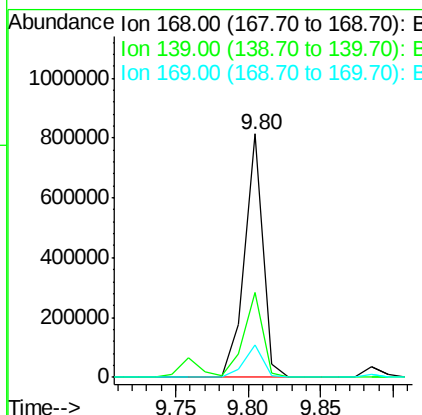
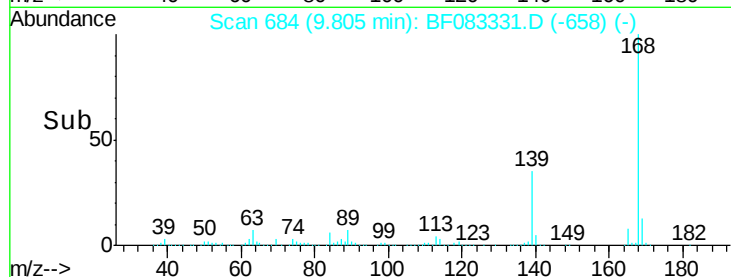
SSTDIC025



| Tot Ion | 168 | 139  | 169  |
|---------|-----|------|------|
| Ratio   | 100 | 34.6 | 13.3 |
| Lower   |     | 30.2 | 10.9 |
| Upper   |     | 45.2 | 16.3 |

Manual Integrations  
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#55

4-Nitrophenol

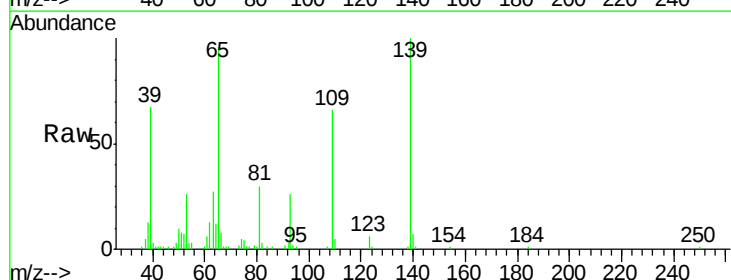
Concen: 16.31 ng

RT: 9.76 min Scan# 680

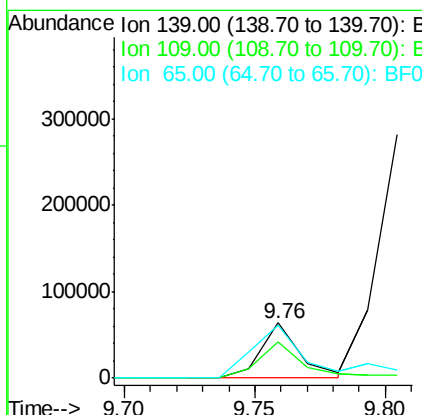
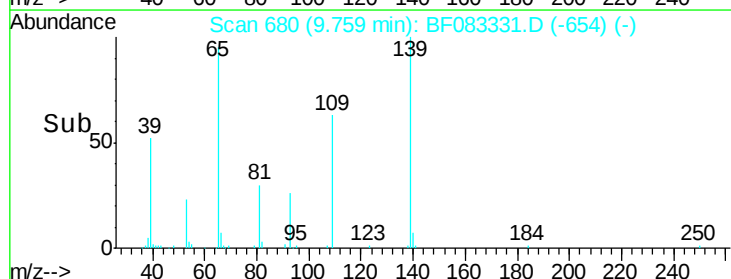
Delta R.T. 0.00 min

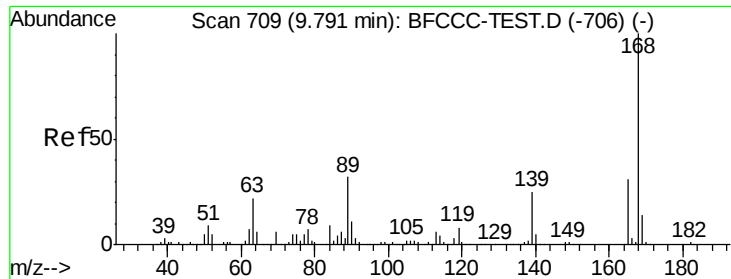
Lab File: BF083331.D

Acq: 27 Nov 2015 16:07



| Tgt Ion | 139 | 109   | 65     |
|---------|-----|-------|--------|
| Ratio   | 100 | 66.4  | 96.1   |
| Lower   |     | 64.0  | 109.5  |
| Upper   |     | 104.0 | 149.5# |





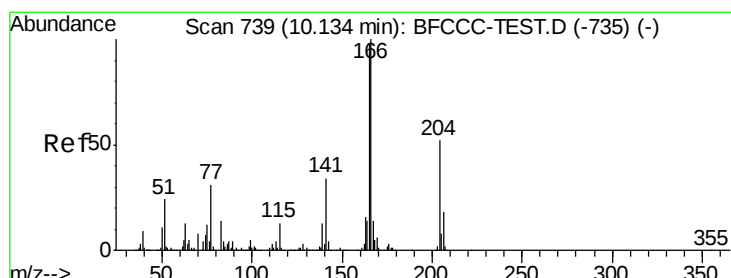
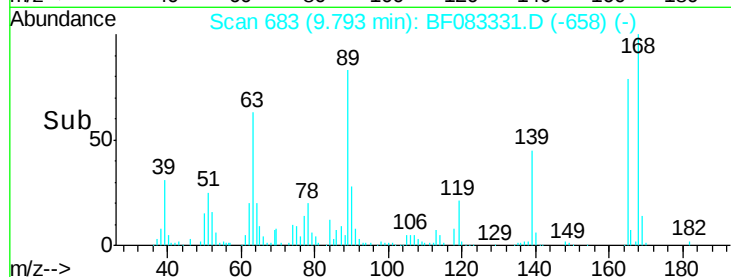
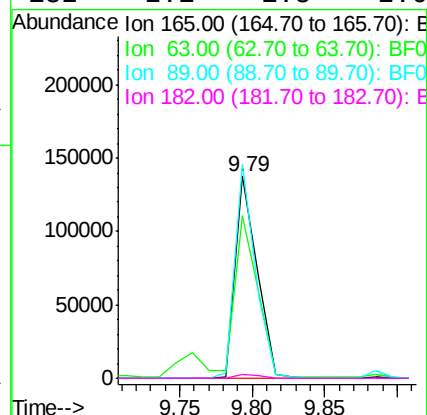
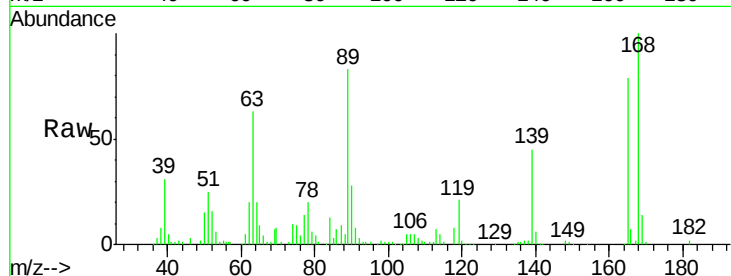
#56  
2,4-Dinitrotoluene  
Concen: 22.62 ng  
RT: 9.79 min Scan# 683  
Delta R.T. -0.01 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 144711 |       |       |
| 63      | 80.5  | 54.5   | 81.7  |       |
| 89      | 105.7 | 77.3   | 115.9 |       |
| 182     | 2.1   | 1.8    | 2.6   |       |

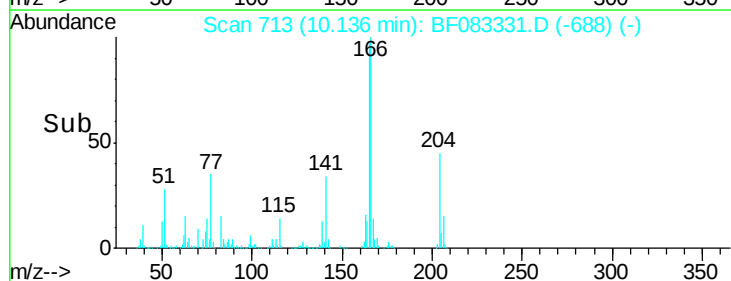
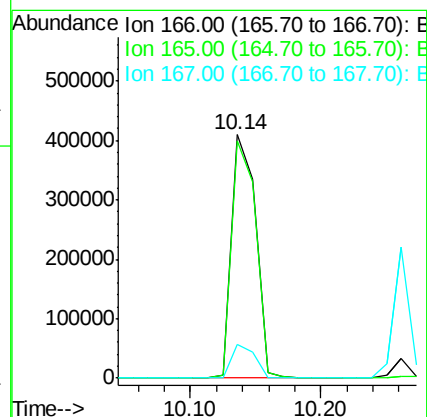
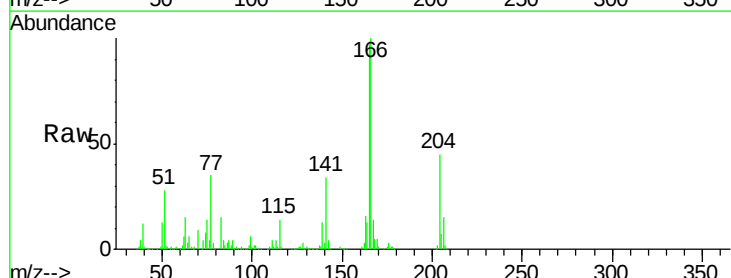
Manual Integrations  
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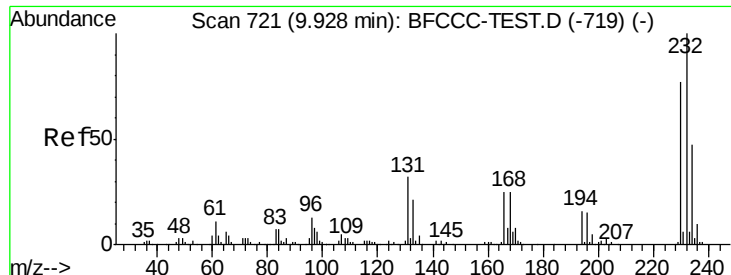
Mmdadoda  
12/1/2015 5:22:52 PM



#57  
Fluorene  
Concen: 24.32 ng  
RT: 10.14 min Scan# 713  
Delta R.T. -0.01 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 523704 |       |       |
| 165     | 97.2  | 78.0   | 117.0 |       |
| 167     | 14.0  | 11.3   | 16.9  |       |





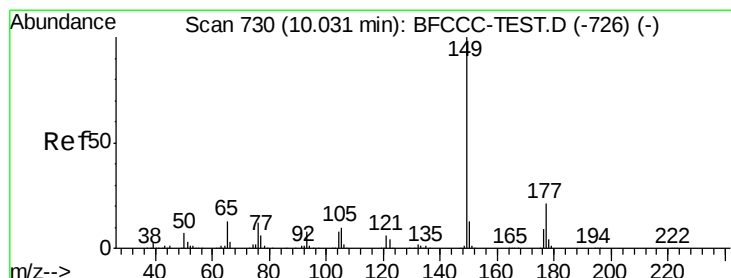
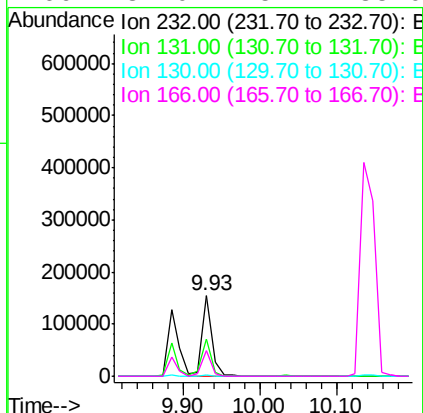
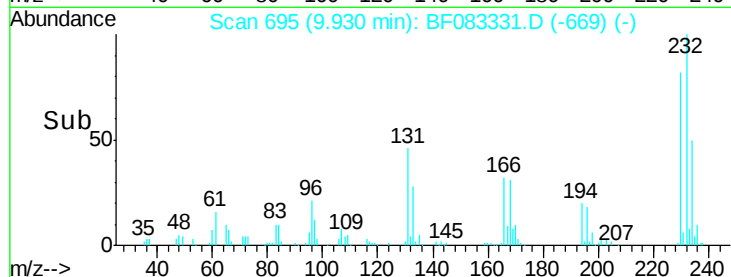
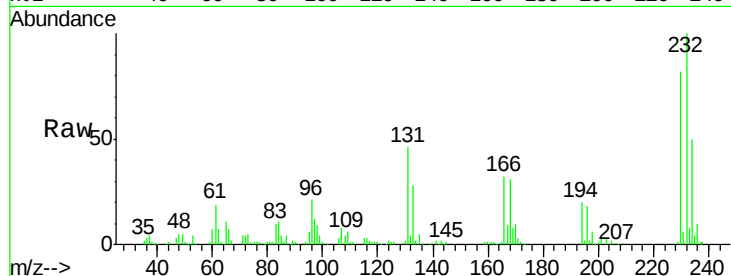
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 23.99 ng  
 RT: 9.93 min Scan# 695  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 136512 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 44.6  | 38.6  | 57.8   |
| 130       | 1.9   | 1.9   | 2.9    |
| 166       | 31.0  | 25.4  | 38.0   |

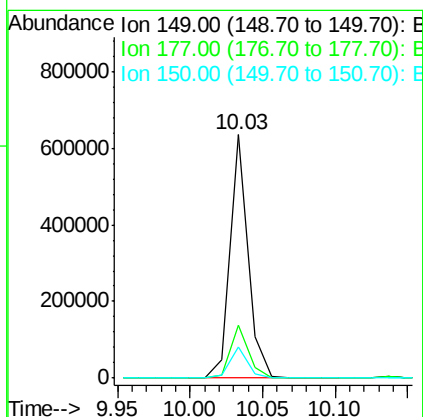
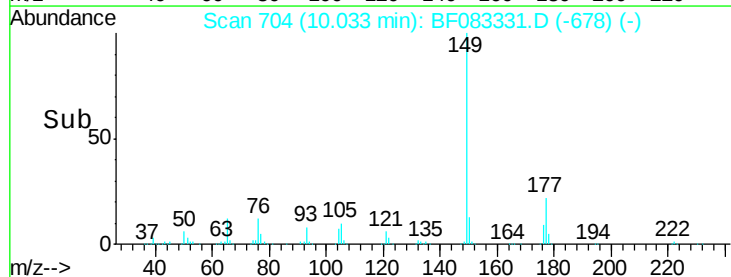
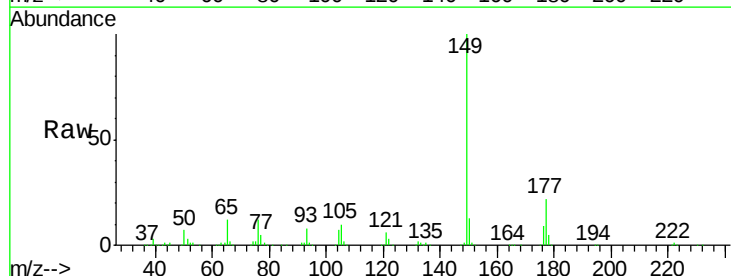
Manual Integrations  
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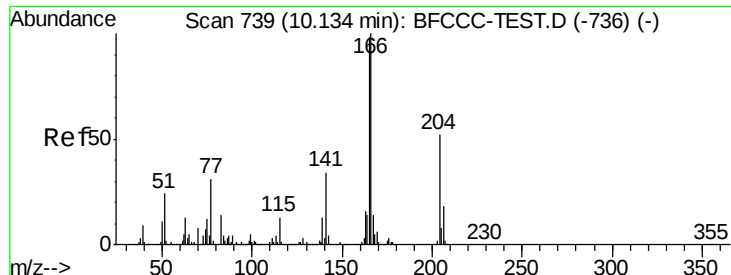
Mmdadoda  
 12/1/2015 5:22:52 PM



#59  
 Diethylphthalate  
 Concen: 24.41 ng  
 RT: 10.03 min Scan# 704  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 546767 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.0  | 19.4  | 29.2   |
| 150       | 12.6  | 10.2  | 15.2   |





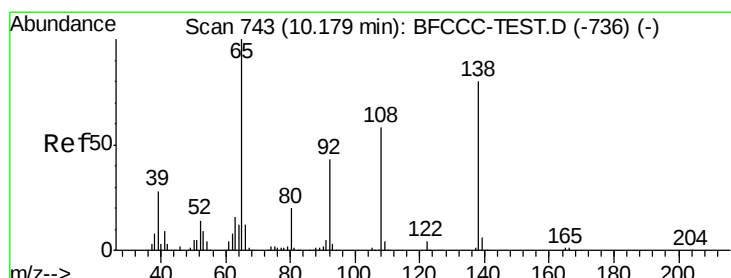
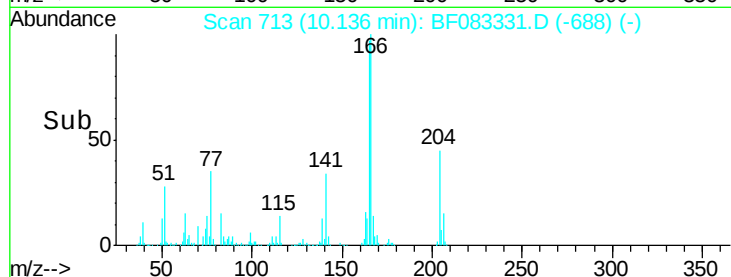
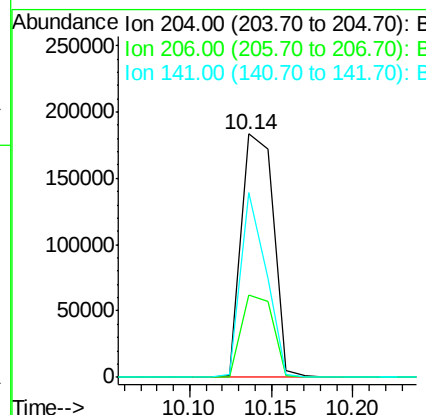
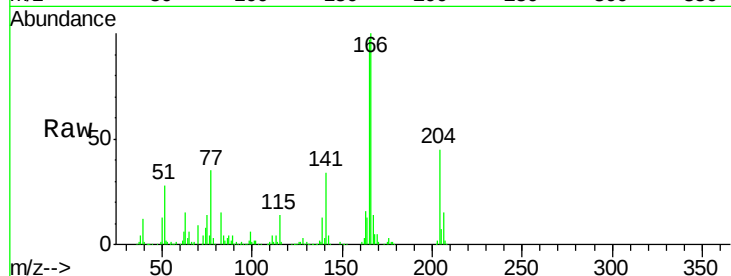
#60  
 4-Chlorophenyl-phenylether  
 Concen: 25.22 ng  
 RT: 10.14 min Scan# 713  
 Delta R.T. -0.01 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDICC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 248762 |       |       |
| 206     | 34.0  |        | 27.4  | 41.0  |
| 141     | 75.8  |        | 57.4  | 86.2  |

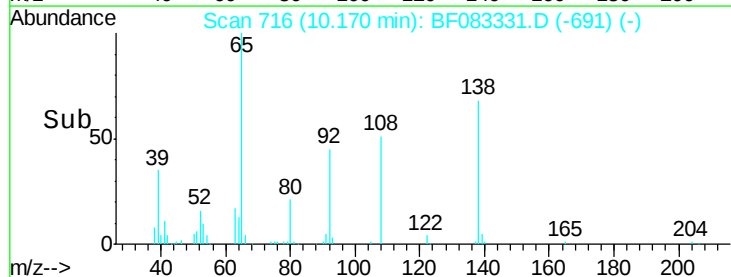
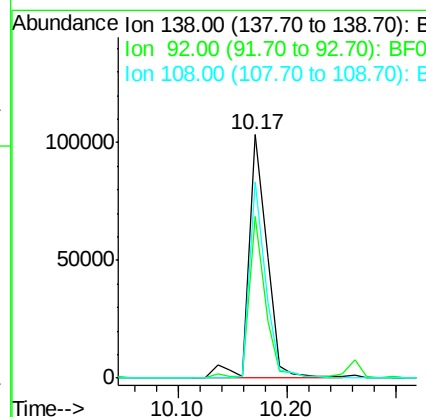
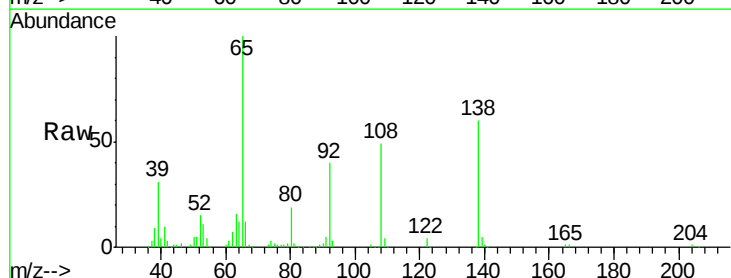
Manual Integrations  
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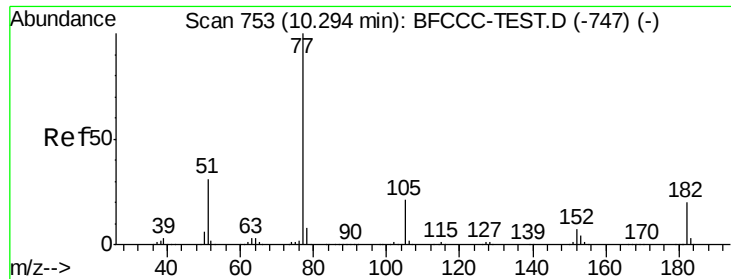
Mmdadoda  
 12/1/2015 5:22:52 PM



#61  
 4-Nitroaniline  
 Concen: 22.61 ng  
 RT: 10.17 min Scan# 716  
 Delta R.T. -0.01 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 119827 |       |       |
| 92      | 66.4  |        | 28.4  | 68.4  |
| 108     | 80.7  |        | 53.5  | 93.5  |





#62

Azobenzene

Concen: 26.72 ng

RT: 10.30 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

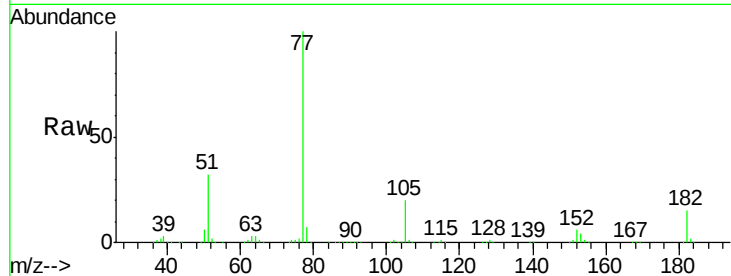
ClientSampleId :

SSTDIC025

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 15.1 | 0.0   | 38.3  |       |
| 105     | 20.3 | 1.2   | 41.2  |       |
| 51      | 31.5 | 11.1  | 51.1  |       |

Manual Integrations  
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12/1/2015 5:22:52 PM

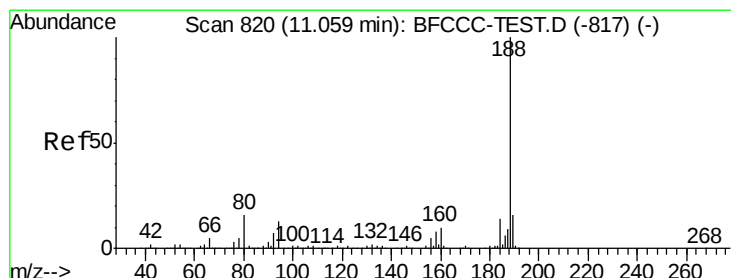
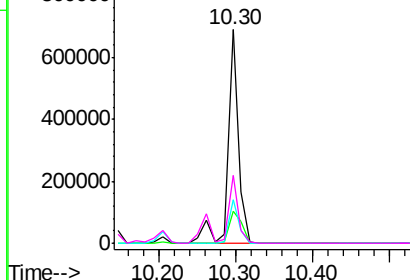
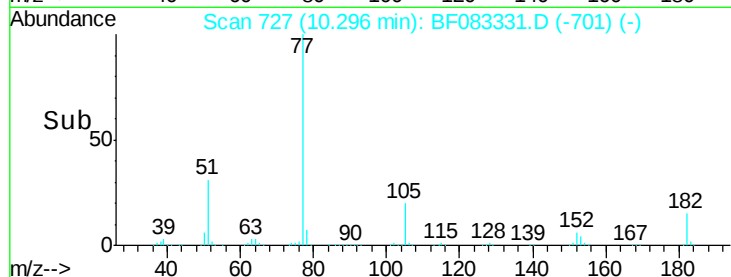


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

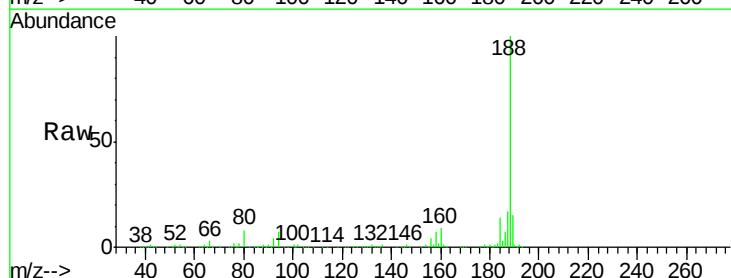
RT: 11.07 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

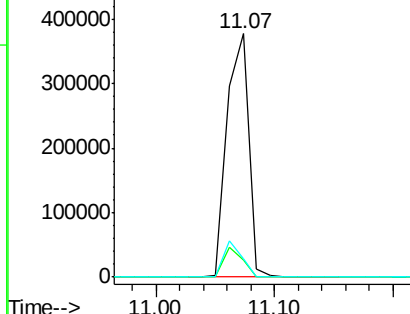
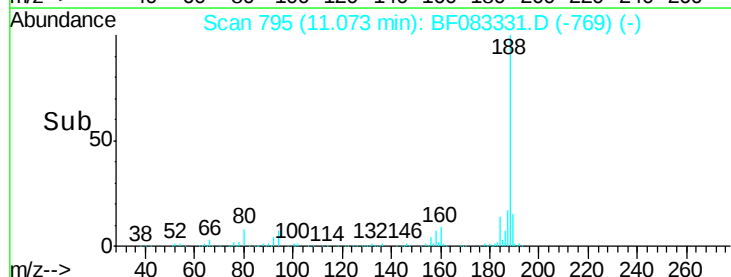
| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 7.1 | 6.0   | 9.0   |       |
| 80      | 7.7 | 6.7   | 10.1  |       |

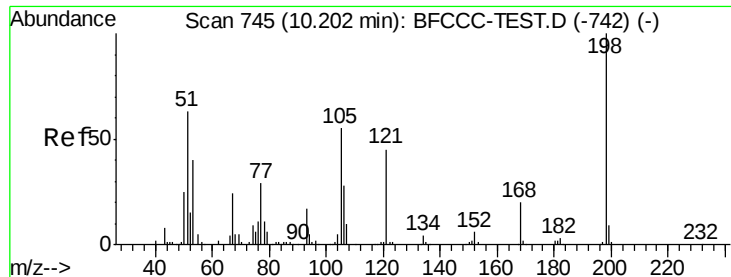


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 23.27 ng

RT: 10.20 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

Tot Ion:198 Resp: 76485

Ion Ratio Lower Upper

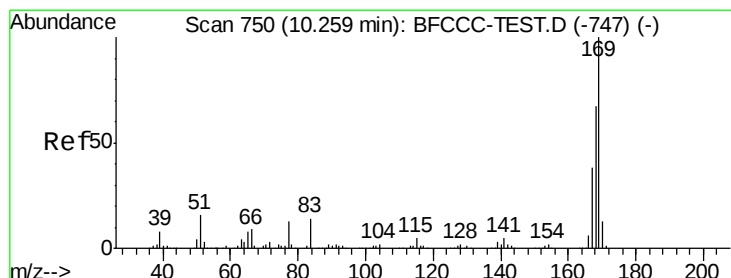
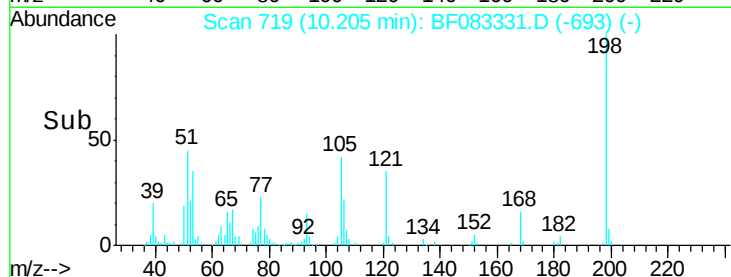
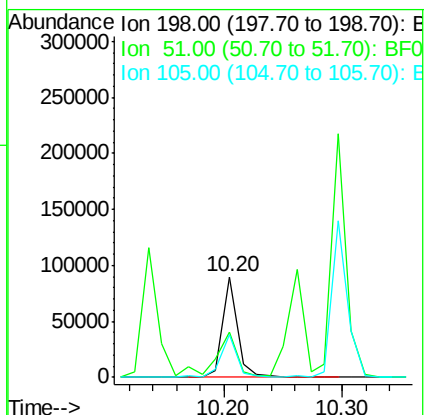
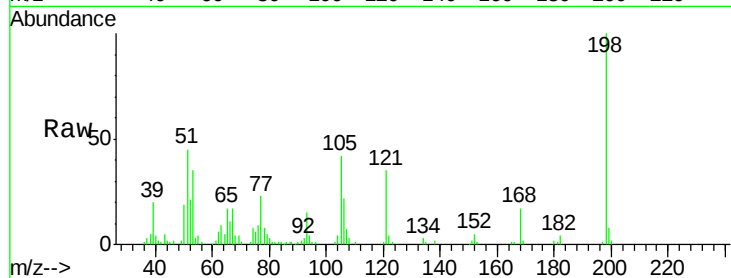
198 100

51 45.0 27.0 67.0

105 42.1 26.1 66.1

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12/1/2015 5:22:52 PM



#65

n-Nitrosodiphenylamine

Concen: 30.18 ng

RT: 10.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

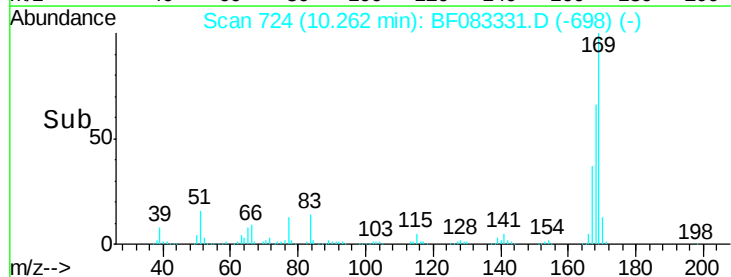
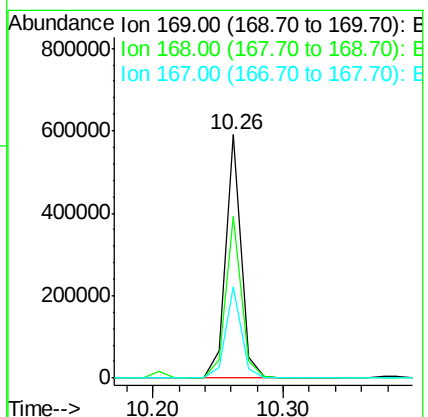
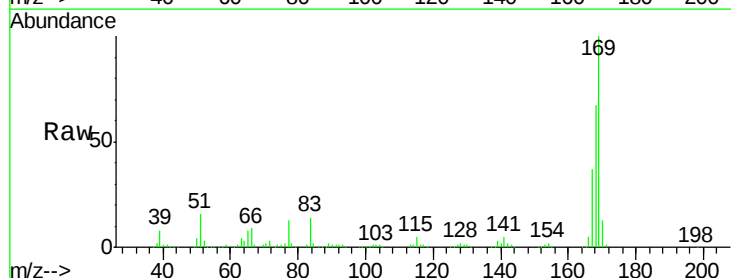
Tgt Ion:169 Resp: 489743

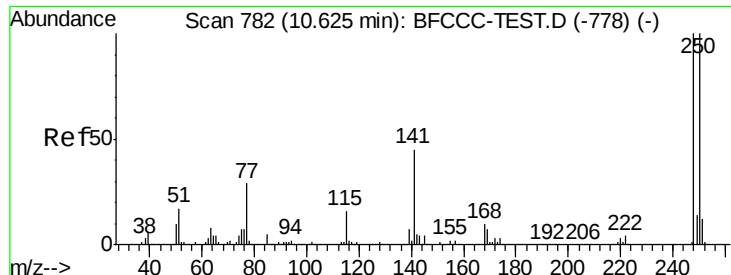
Ion Ratio Lower Upper

169 100

168 66.6 53.8 80.6

167 37.5 29.8 44.8





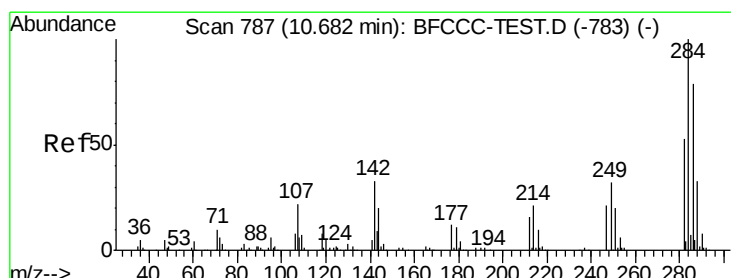
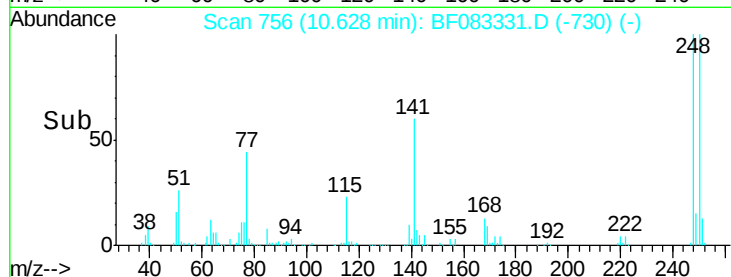
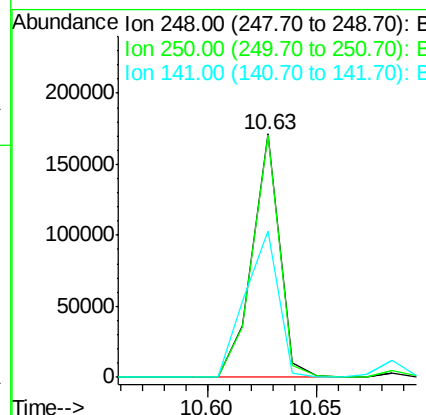
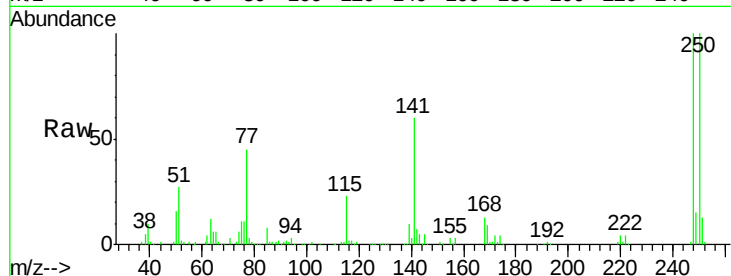
#66  
 4-Bromophenyl-phenylether  
 Concen: 28.40 ng  
 RT: 10.63 min Scan# 756  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 150354 |       |       |
| 250     | 99.6  | 75.4   | 113.2 |       |
| 141     | 60.2  | 48.1   | 72.1  |       |

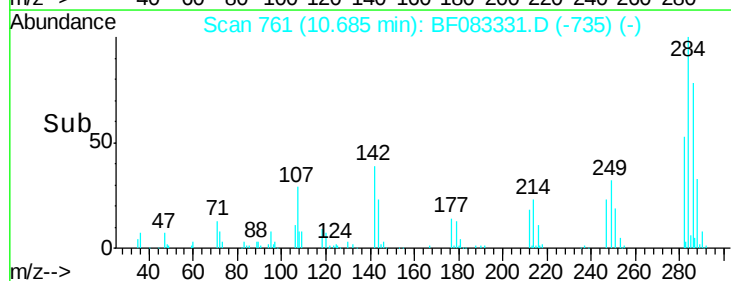
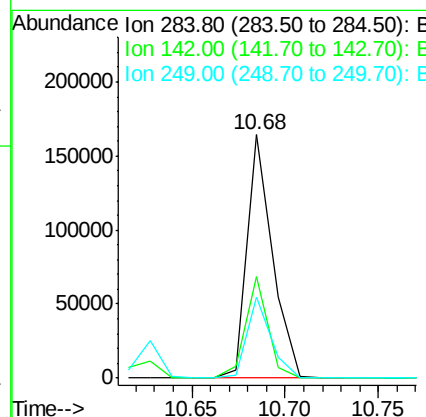
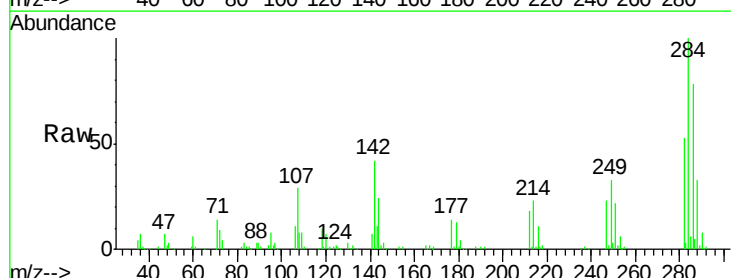
Manual Integrations  
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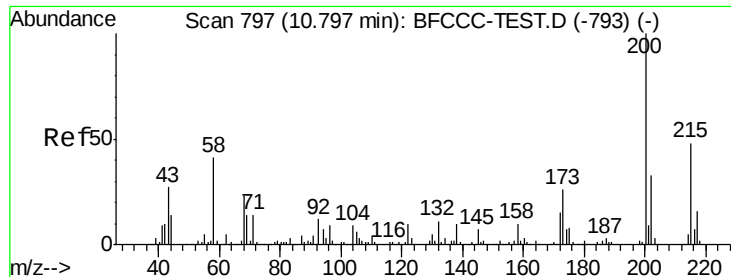
Mmdadoda  
 12/1/2015 5:22:52 PM



#67  
 Hexachlorobenzene  
 Concen: 26.63 ng  
 RT: 10.68 min Scan# 761  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 155251 |       |       |
| 142     | 41.7  | 27.6   | 41.4# |       |
| 249     | 33.4  | 25.5   | 38.3  |       |





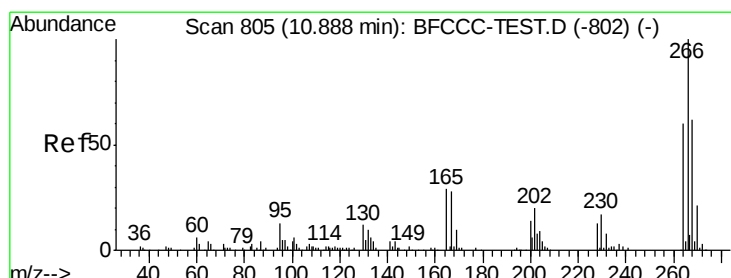
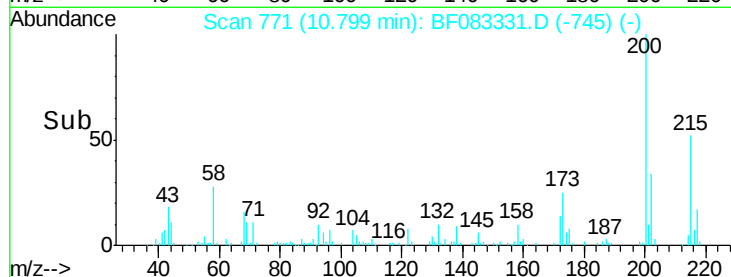
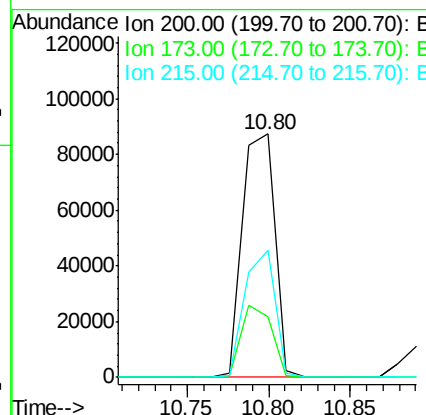
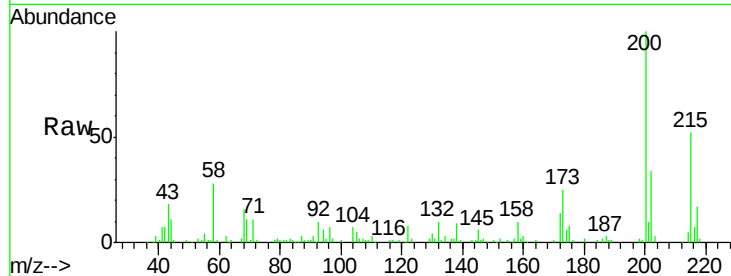
#68  
Atrazine  
Concen: 25.46 ng  
RT: 10.80 min Scan# 771  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 119968 |       |       |
| 173     | 25.0  | 7.2    | 47.2  |       |
| 215     | 52.4  | 25.7   | 65.7  |       |

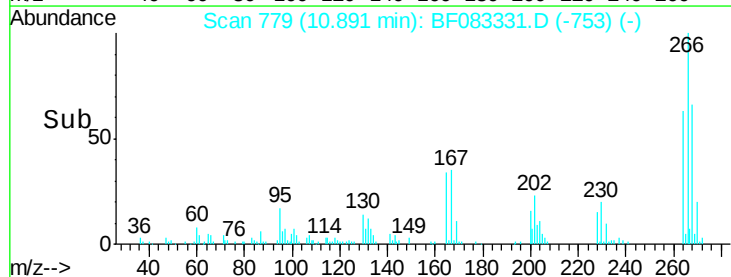
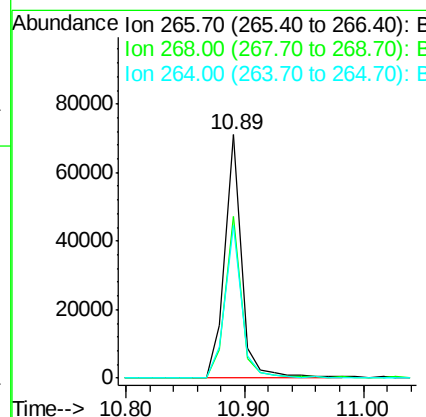
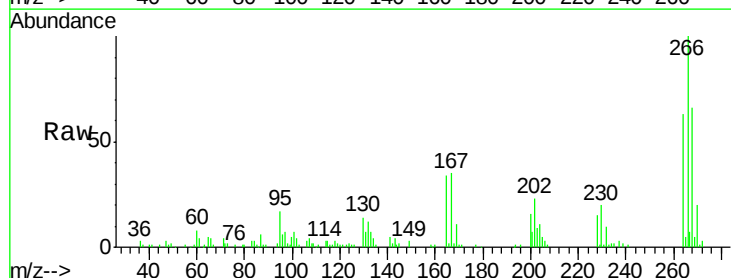
Manual Integrations  
APPROVED

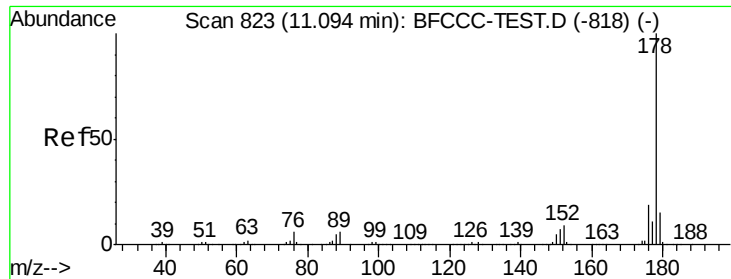
Mmdadoda  
12/1/2015 5:22:52 PM



#69  
Pentachlorophenol  
Concen: 18.49 ng  
RT: 10.89 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 70234 |       |       |
| 268     | 66.4  | 51.4  | 77.0  |       |
| 264     | 62.8  | 51.7  | 77.5  |       |





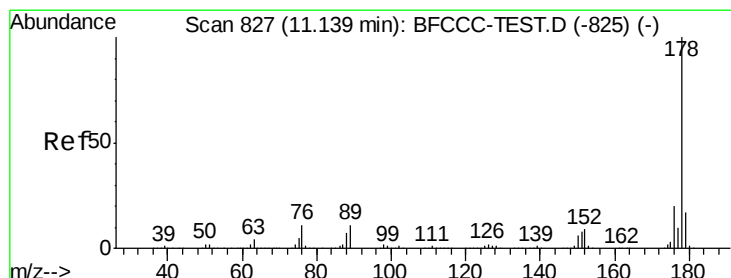
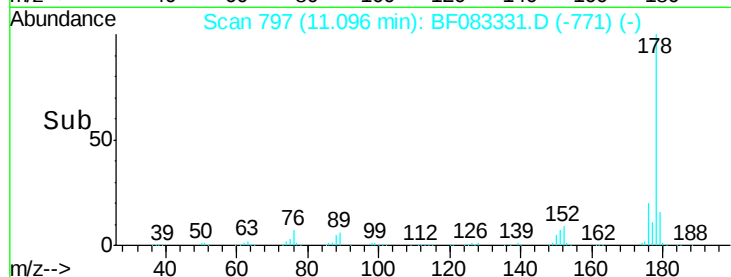
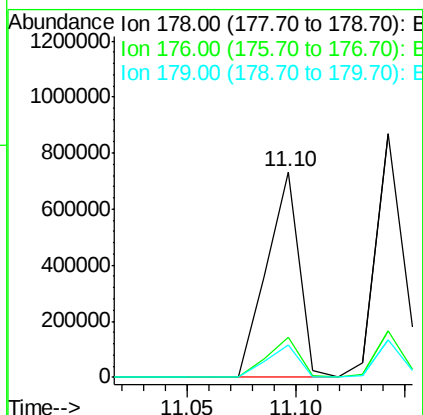
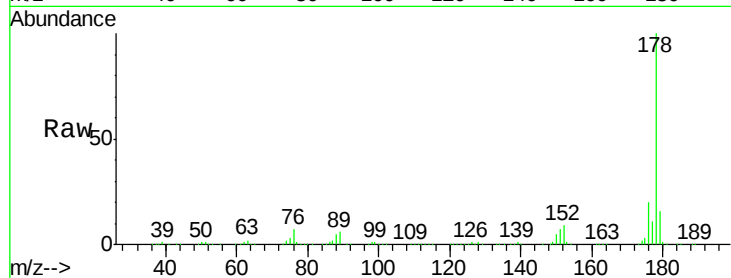
#70  
Phenanthrene  
Concen: 27.99 ng  
RT: 11.10 min Scan# 797  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 16.2  | 24.2  |
| 179     | 15.7  | 12.8  | 19.2  |

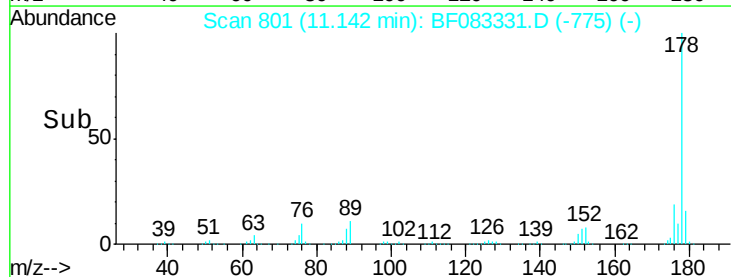
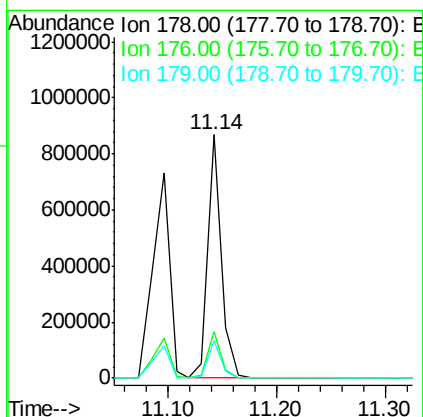
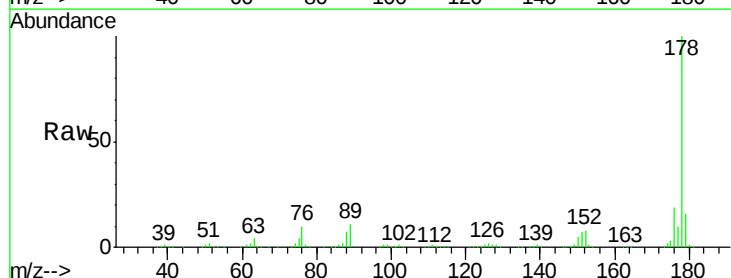
Manual Integrations  
APPROVED

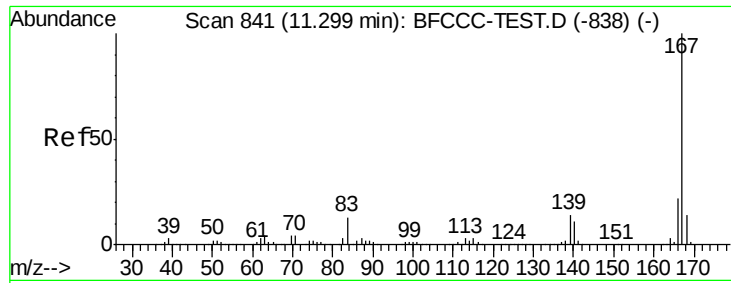
Mmdadoda  
12/1/2015 5:22:52 PM



#71  
Anthracene  
Concen: 27.27 ng  
RT: 11.14 min Scan# 801  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.6  | 23.4  |
| 179     | 15.6  | 13.2  | 19.8  |





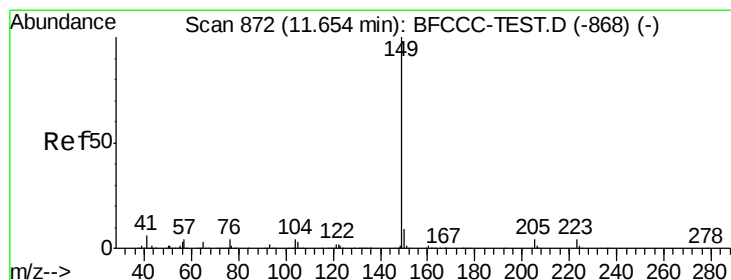
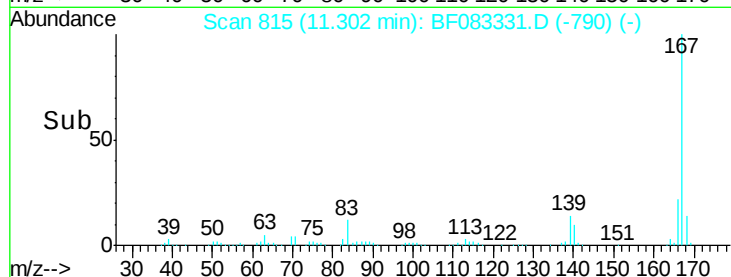
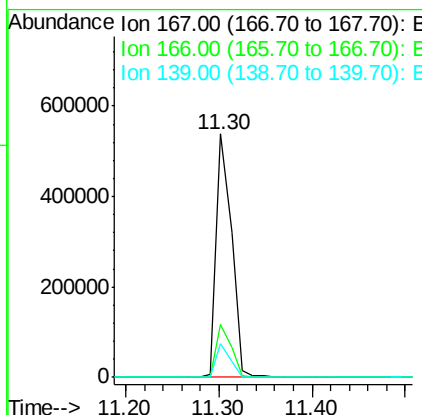
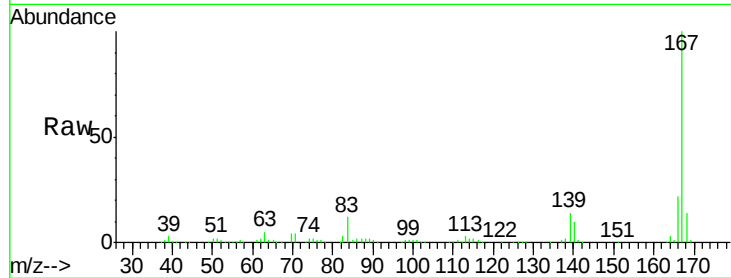
#72  
 Carbazole  
 Concen: 24.57 ng  
 RT: 11.30 min Scan# 815  
 Delta R.T. -0.01 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 612429 |       |       |
| 166     | 21.8  | 18.0   | 27.0  |       |
| 139     | 13.7  | 10.5   | 15.7  |       |

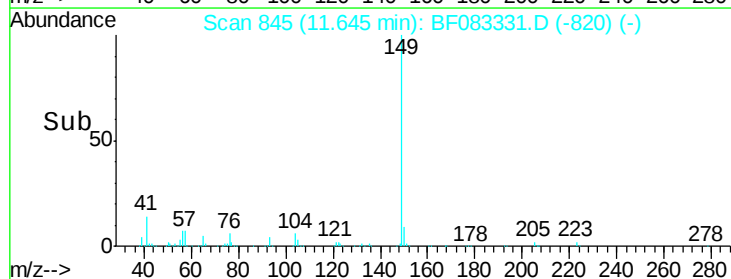
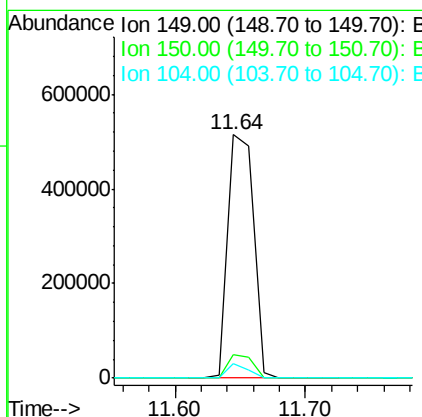
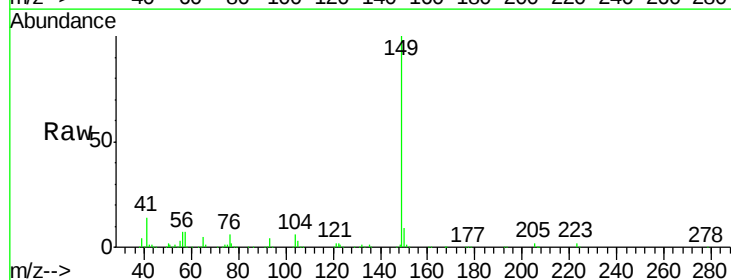
Manual Integrations  
 APPROVED

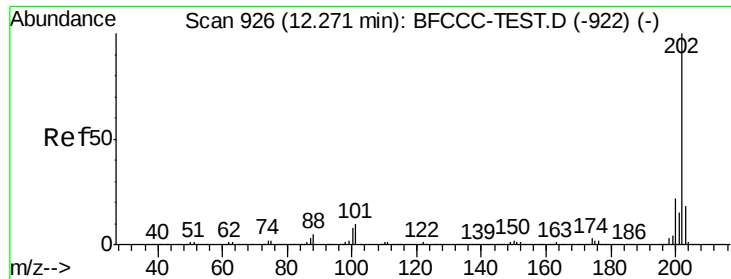
Mmdadoda  
 12/1/2015 5:22:52 PM



#73  
 Di-n-butylphthalate  
 Concen: 23.11 ng  
 RT: 11.64 min Scan# 845  
 Delta R.T. -0.01 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 703213 |       |       |
| 150     | 9.4   | 8.0    | 12.0  |       |
| 104     | 5.7   | 4.4    | 6.6   |       |





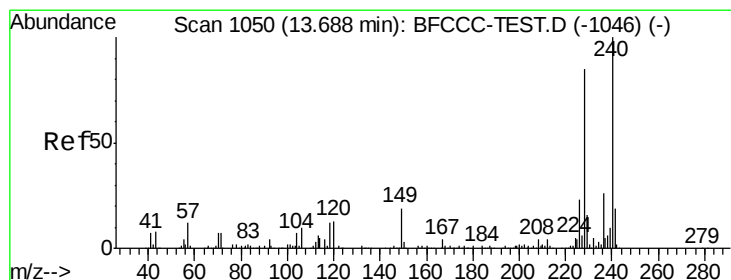
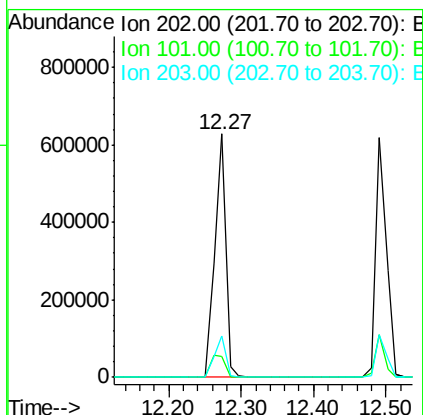
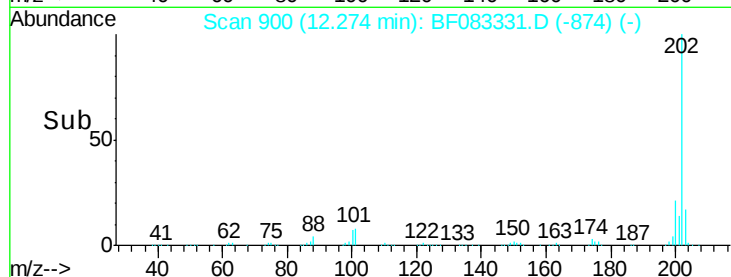
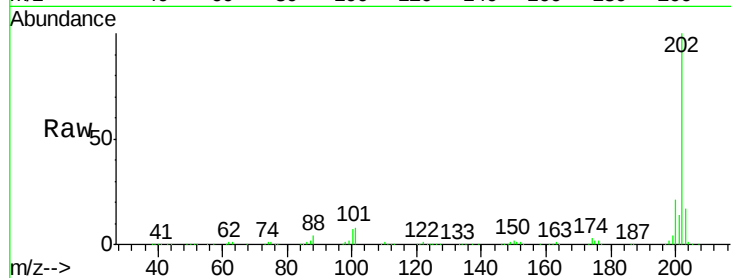
#74  
 Fluoranthene  
 Concen: 23.54 ng  
 RT: 12.27 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 8.3   | 0.0        | 32.3  |
| 203     | 17.1  | 0.0        | 38.4  |

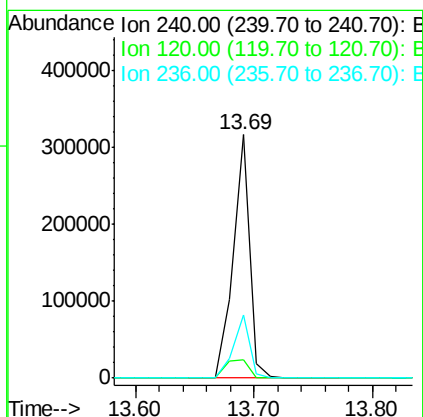
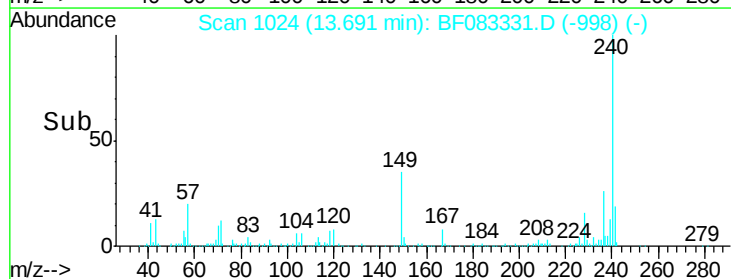
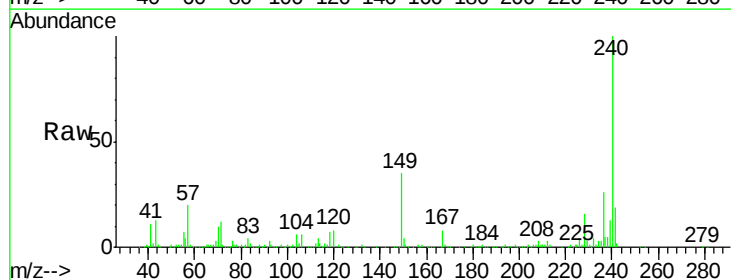
Manual Integrations  
 APPROVED

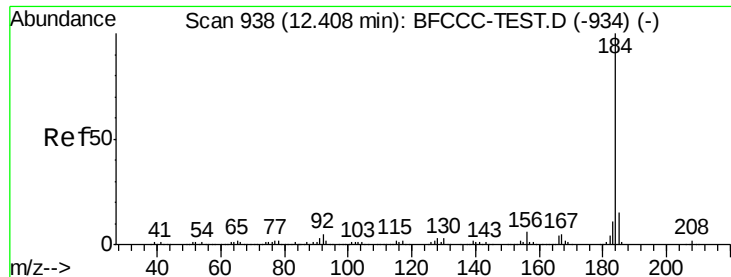
Mmdadoda  
 12/1/2015 5:22:52 PM



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.69 min Scan# 1024  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 7.7   | 5.4        | 8.2   |
| 236     | 25.8  | 20.6       | 31.0  |





#76

Benzidine

Concen: 35.16 ng

RT: 12.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

Tot Ion:184 Resp: 279838

Ion Ratio Lower Upper

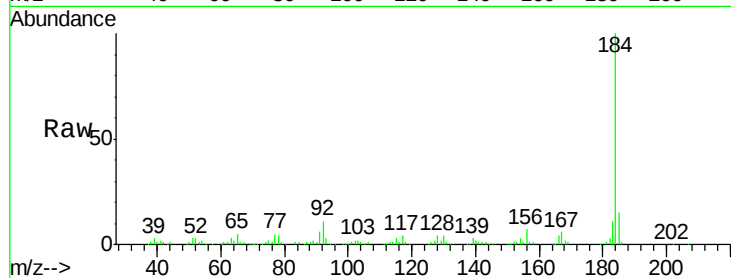
184 100

185 15.4 11.7 17.5

183 11.5 8.8 13.2

Manual Integrations  
APPROVED

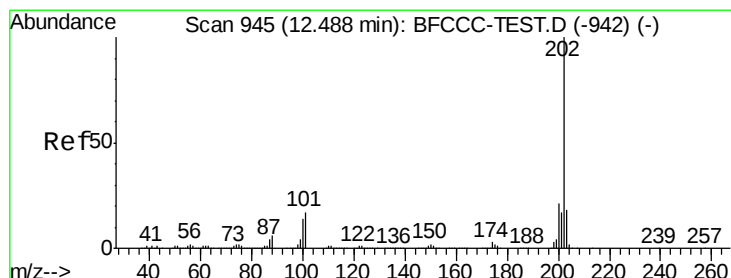
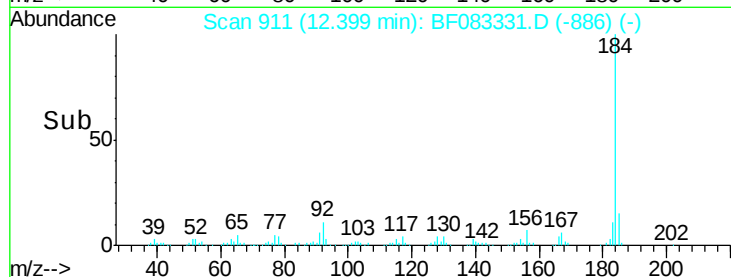
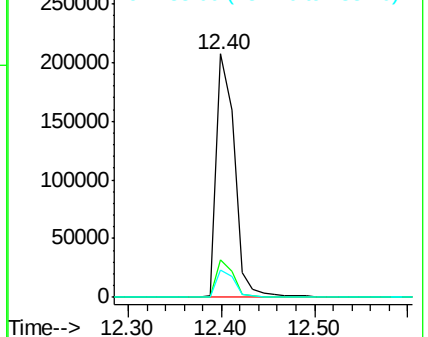
Mmdadoda  
12/1/2015 5:22:52 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 30.90 ng

RT: 12.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

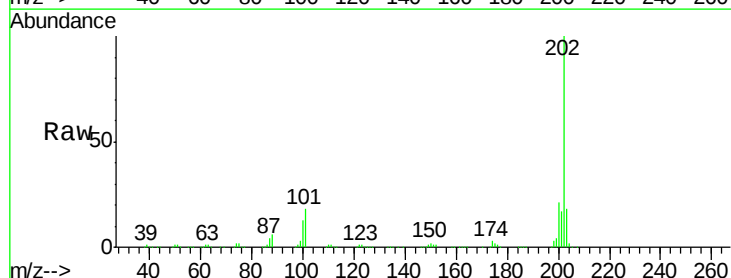
Tgt Ion:202 Resp: 641018

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

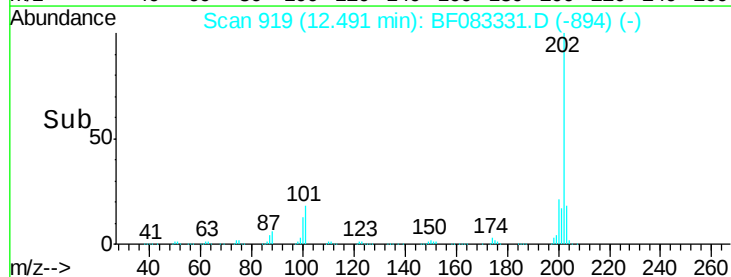
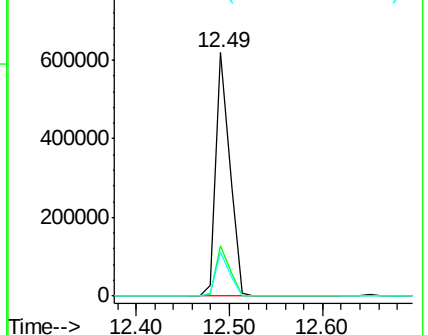
203 17.9 15.0 22.4

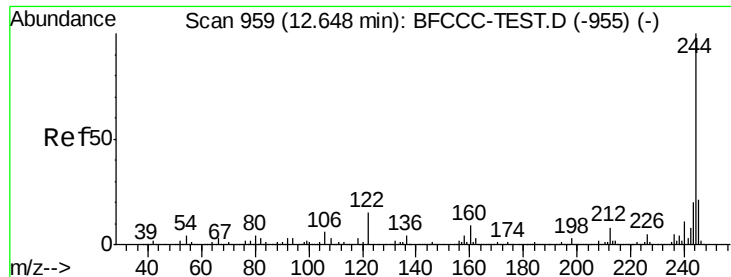


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





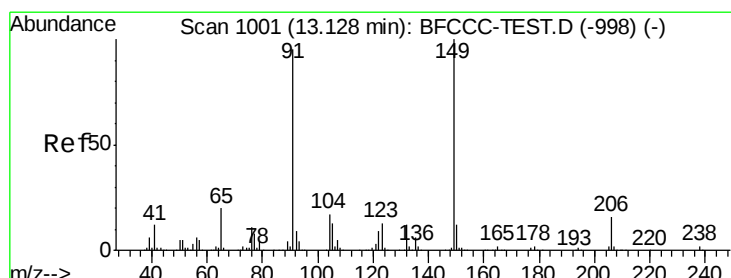
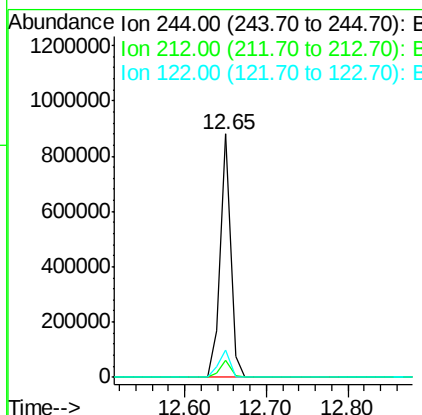
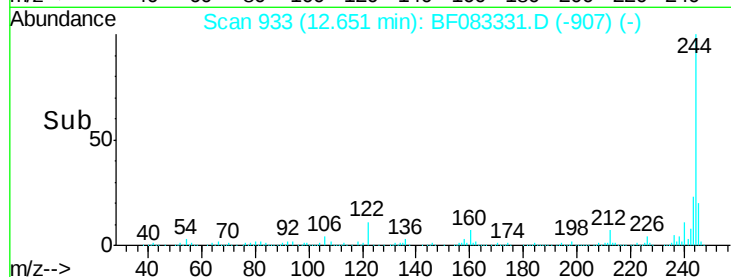
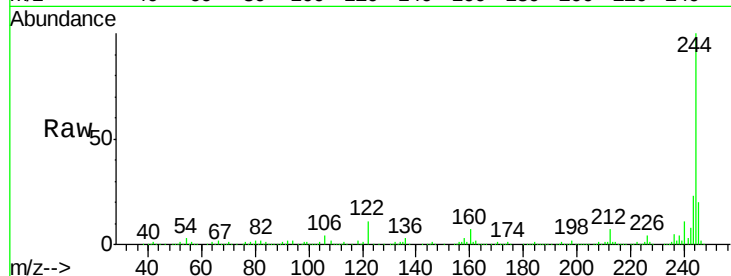
#78  
 Terphenyl-d14  
 Concen: 60.45 ng  
 RT: 12.65 min Scan# 933  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 779625 |       |       |
| 212     | 7.2   |        | 5.4   | 8.2   |
| 122     | 11.0  |        | 4.3   | 6.5#  |

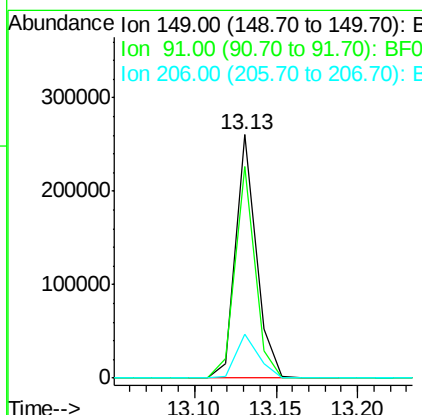
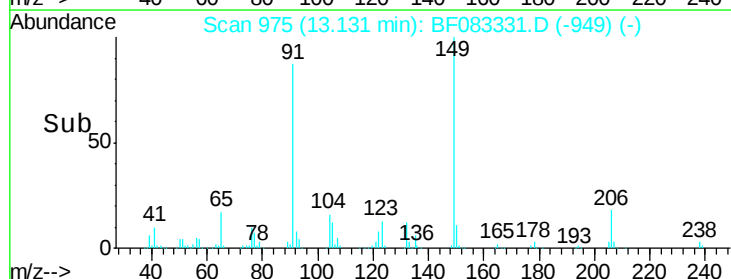
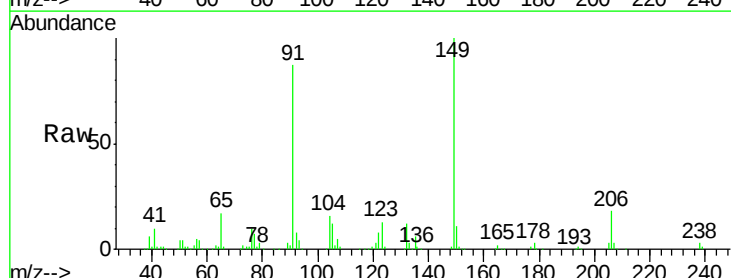
Manual Integrations  
 APPROVED

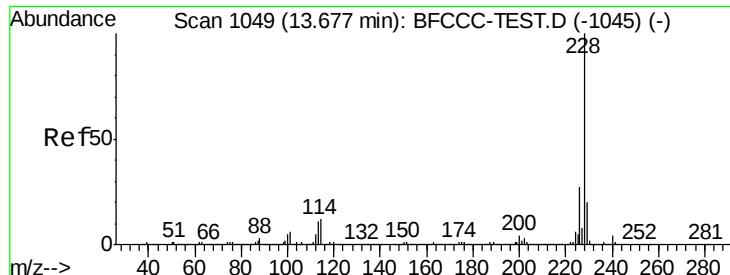
Mmdadoda  
 12/1/2015 5:22:52 PM



#79  
 Butylbenzylphthalate  
 Concen: 23.07 ng  
 RT: 13.13 min Scan# 975  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 226489 |       |       |
| 91      | 87.1  |        | 61.5  | 92.3  |
| 206     | 17.9  |        | 15.3  | 22.9  |





#80

Benzo(a)anthracene

Concen: 26.36 ng

RT: 13.68 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA\_F

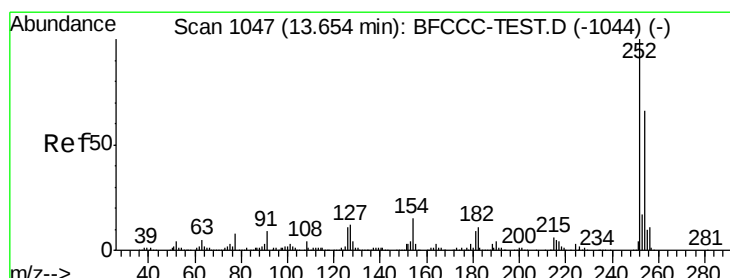
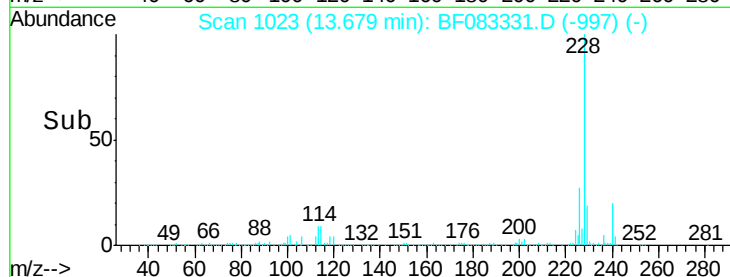
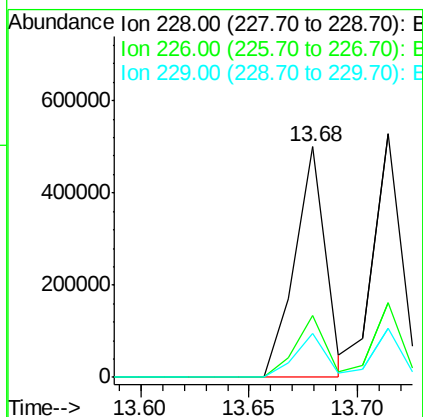
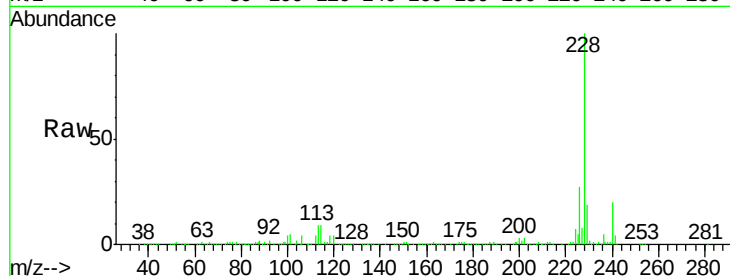
ClientSampleId :

SSTDICC025

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 495141 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 26.9 | 22.6  | 33.8   |
| 229       | 19.1 | 16.6  | 24.8   |

Manual Integrations  
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12/1/2015 5:22:52 PM



#81

3,3'-Dichlorobenzidine

Concen: 26.25 ng

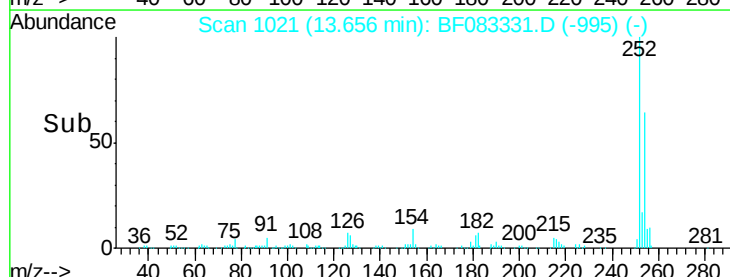
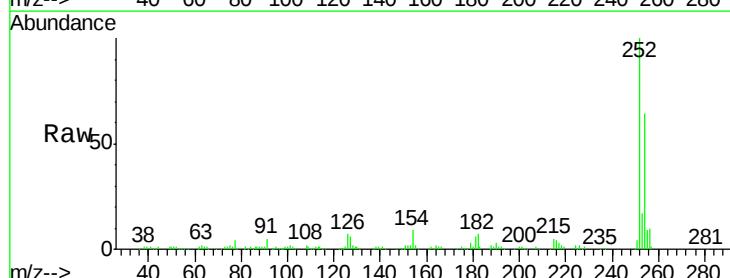
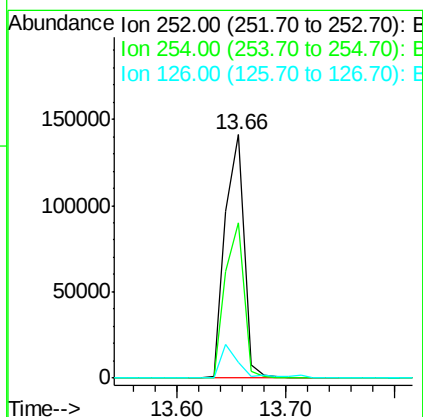
RT: 13.66 min Scan# 1021

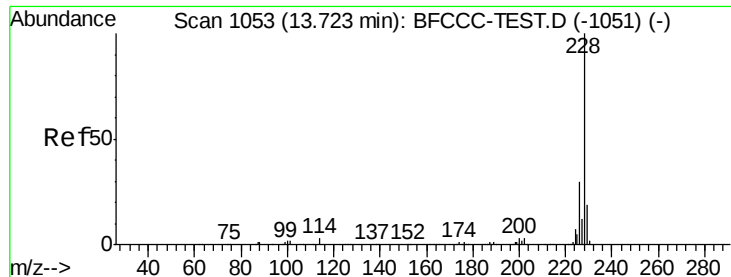
Delta R.T. 0.00 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 171619 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 254       | 63.8 | 51.5  | 77.3   |
| 126       | 6.6  | 5.2   | 7.8    |





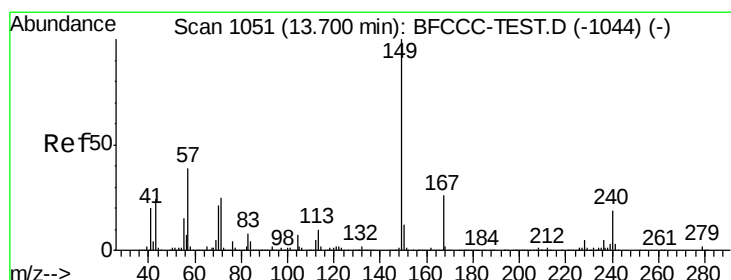
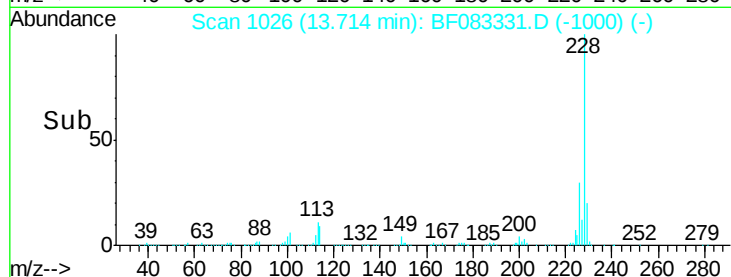
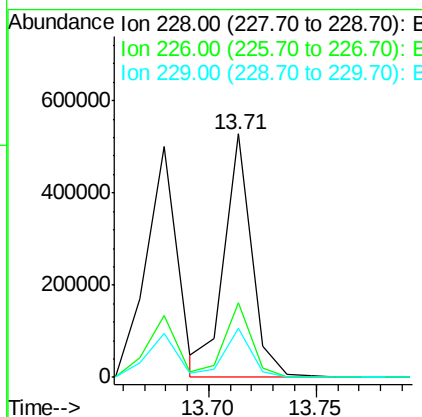
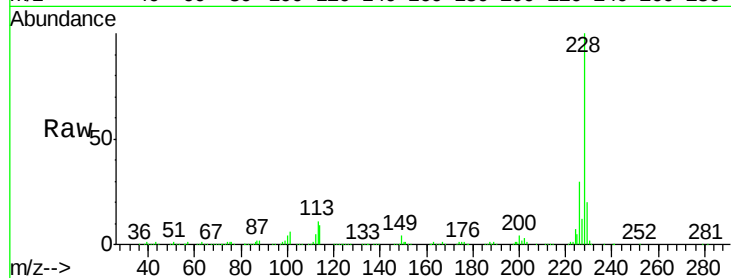
#82  
 Chrvsene  
 Concen: 27.06 ng m  
 RT: 13.71 min Scan# 1026  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 471317 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 30.4 | 25.5  | 38.3   |
| 229       | 20.2 | 16.6  | 25.0   |

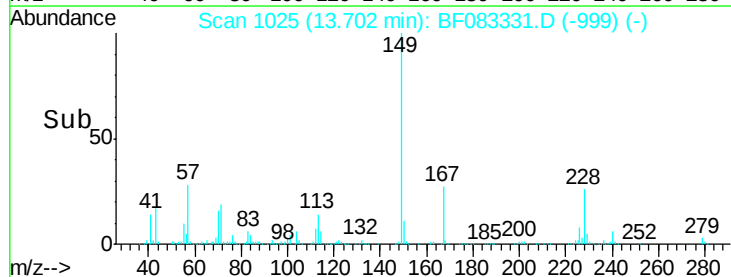
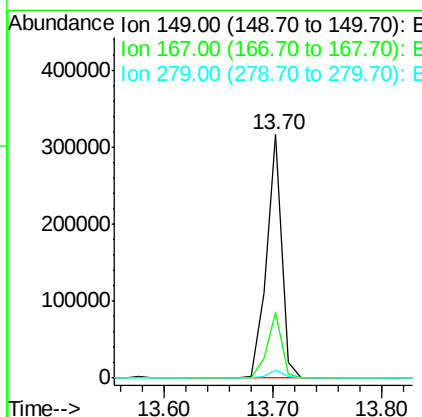
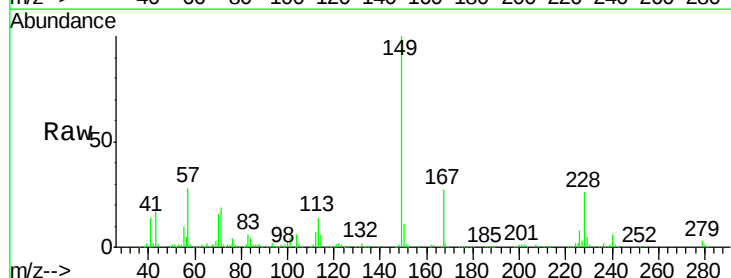
Manual Integrations  
 APPROVED

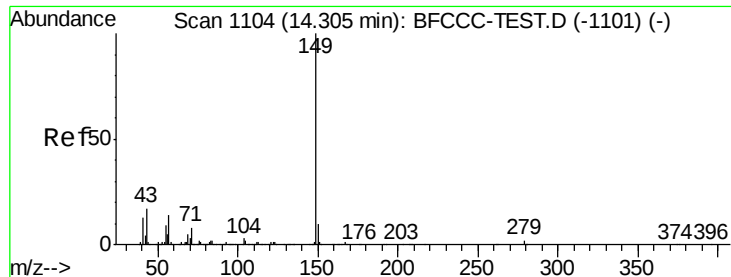
Mmdadoda  
 12/1/2015 5:22:52 PM



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 24.31 ng  
 RT: 13.70 min Scan# 1025  
 Delta R.T. 0.00 min  
 Lab File: BF083331.D  
 Acq: 27 Nov 2015 16:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 311775 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 27.2 | 20.1  | 30.1   |
| 279       | 3.2  | 1.7   | 2.5#   |





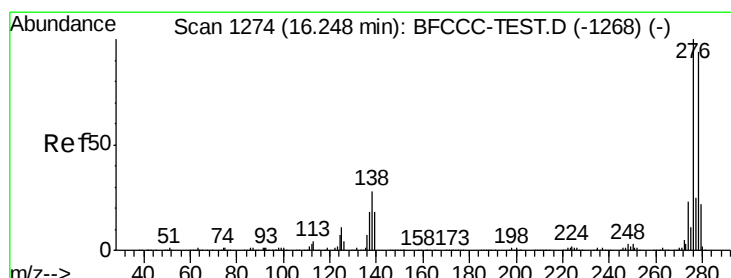
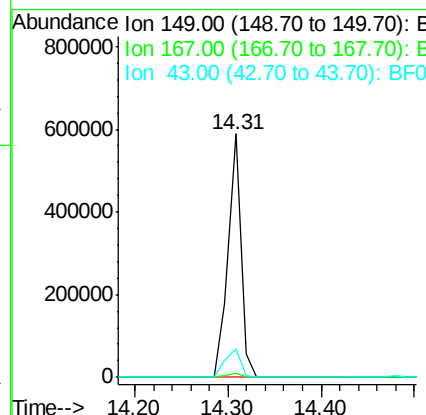
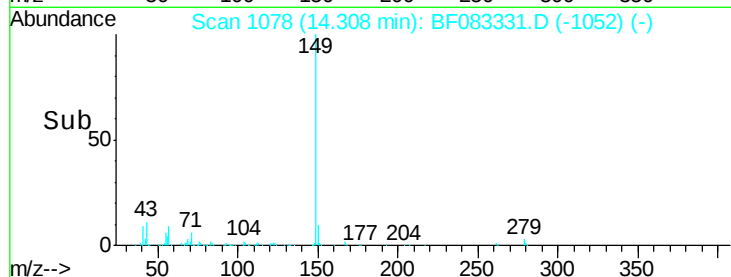
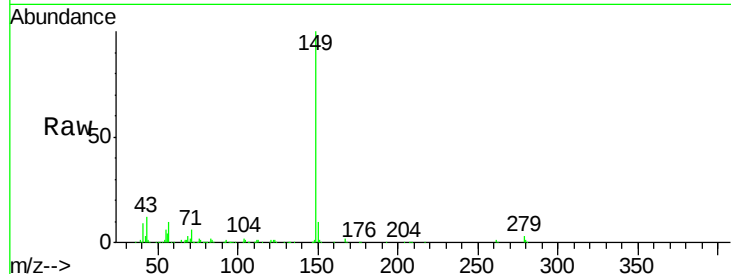
#84  
Di-n-octyl phthalate  
Concen: 25.74 ng  
RT: 14.31 min Scan# 1078  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 568285 |       |       |
| 167     | 1.6   |        | 1.2   | 1.8   |
| 43      | 13.8  |        | 9.5   | 14.3  |

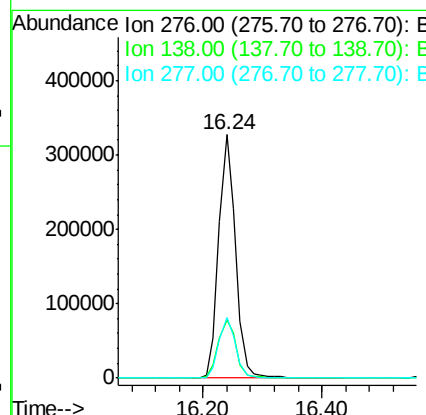
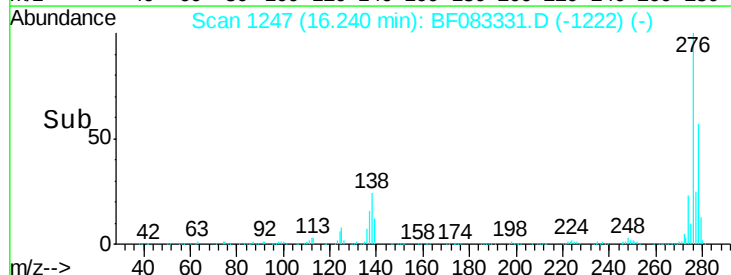
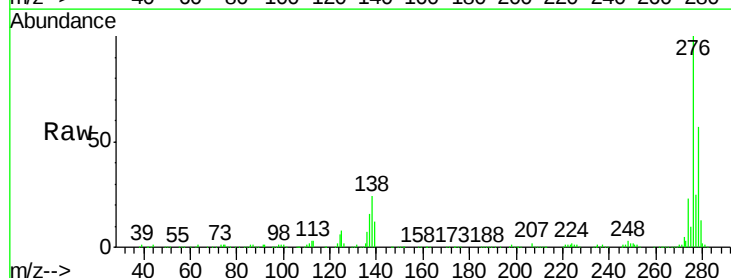
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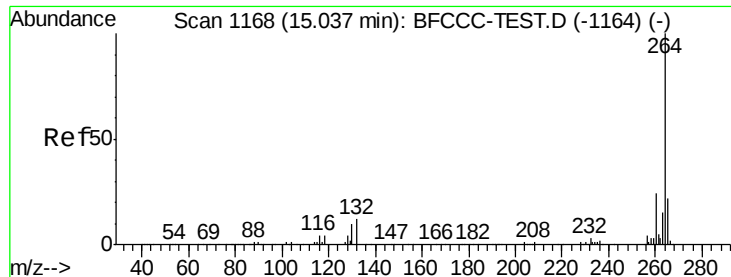
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12/1/2015 5:22:52 PM



#85  
Indeno(1,2,3-cd)pyrene  
Concen: 40.69 ng  
RT: 16.24 min Scan# 1247  
Delta R.T. -0.01 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 644662 |       |       |
| 138     | 25.6  |        | 18.0  | 27.0  |
| 277     | 25.1  |        | 20.2  | 30.4  |





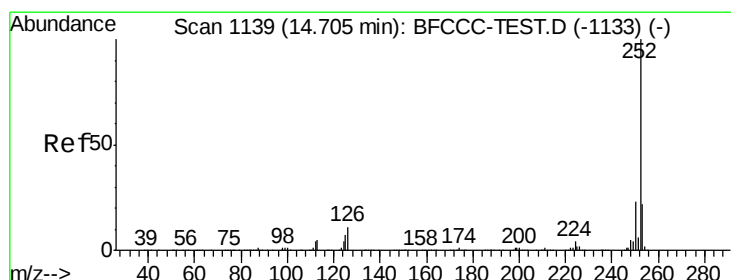
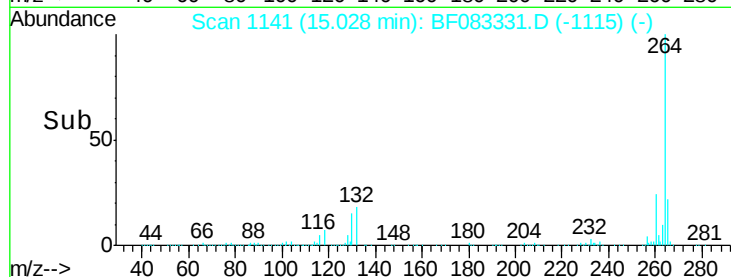
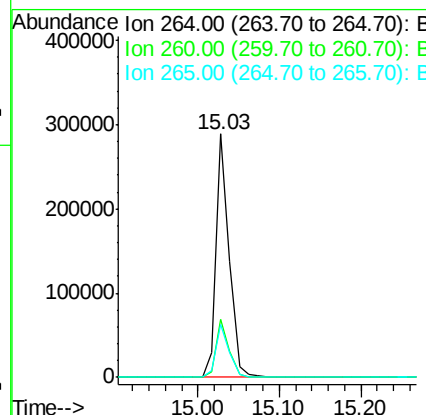
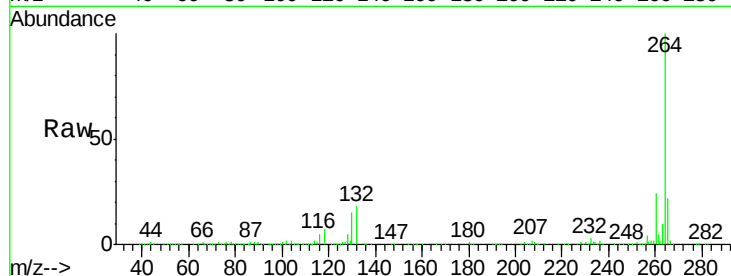
#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.03 min Scan# 1141  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.1  | 28.7  |
| 265     | 22.0  | 18.2  | 27.4  |

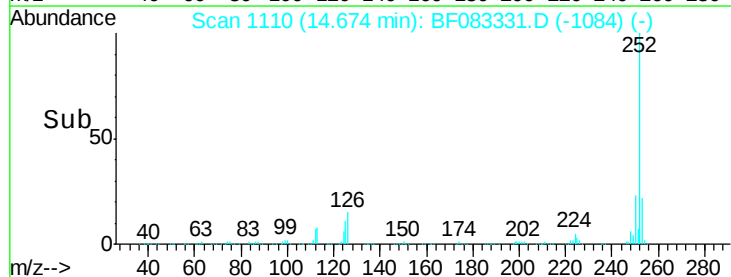
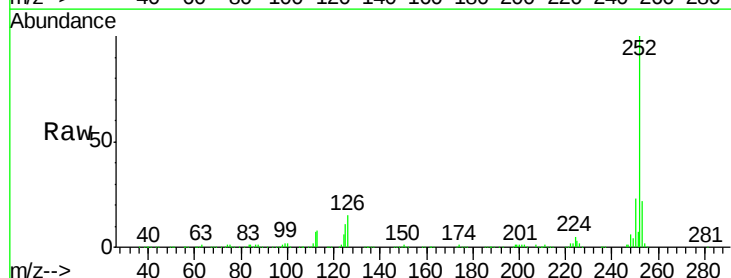
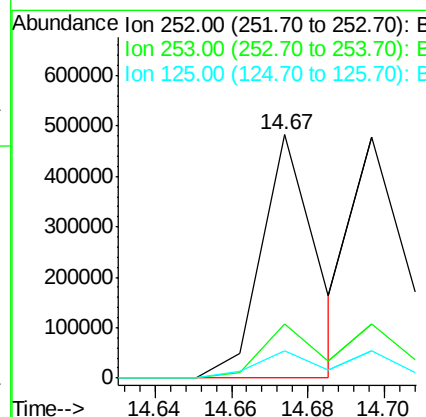
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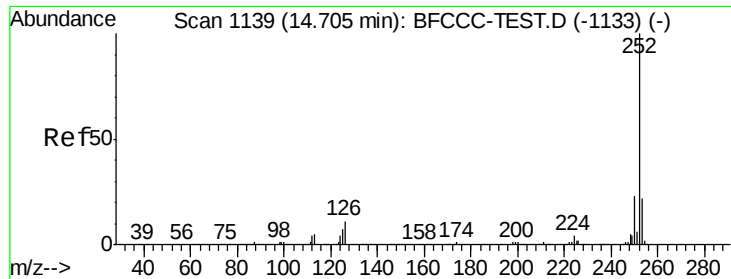
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#87  
Benzo(b)fluoranthene  
Concen: 21.30 ng m  
RT: 14.67 min Scan# 1110  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.7  | 26.5  |
| 125     | 11.1  | 5.6   | 8.4#  |





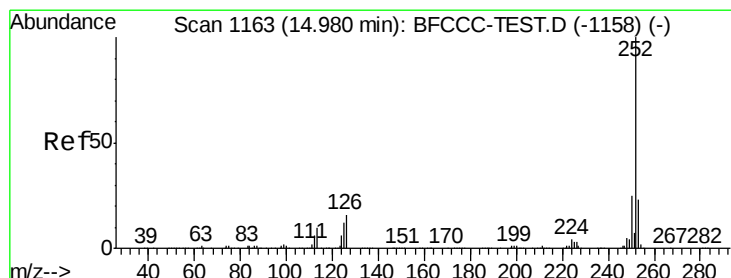
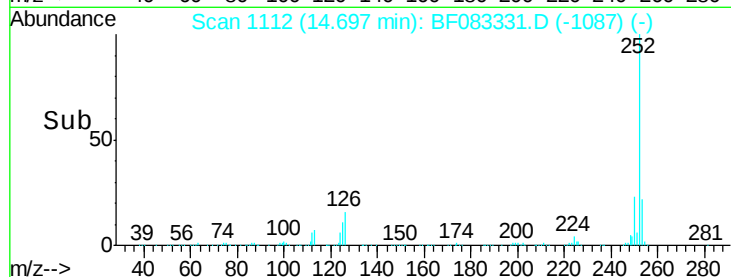
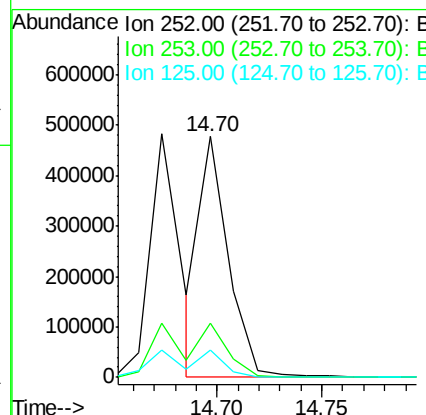
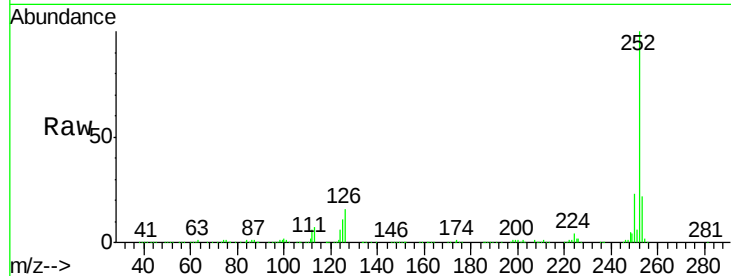
#88  
Benzo(k)fluoranthene  
Concen: 27.79 ng m  
RT: 14.70 min Scan# 1112  
Delta R.T. -0.01 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.2  | 27.2  |
| 125     | 11.2  | 6.8   | 10.2  |

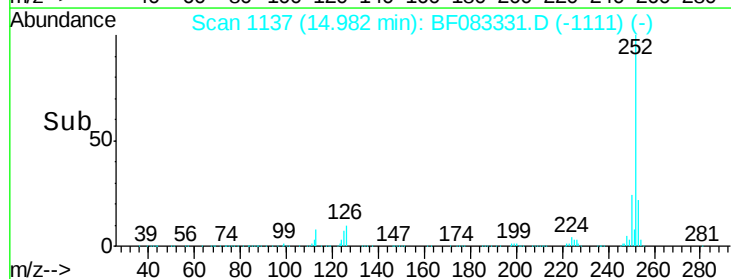
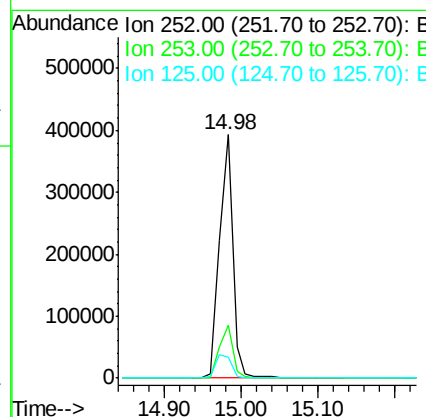
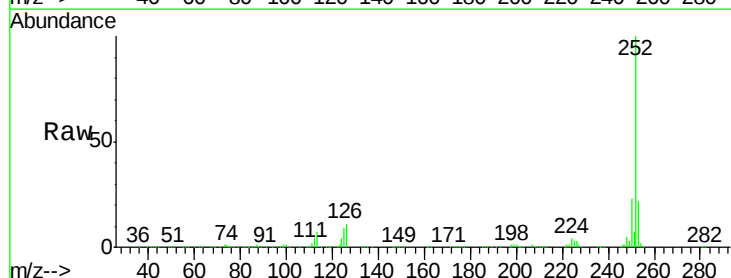
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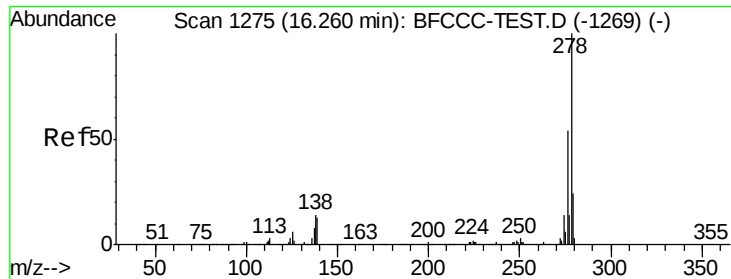
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12/1/2015 5:22:52 PM



#89  
Benzo(a)pyrene  
Concen: 25.77 ng  
RT: 14.98 min Scan# 1137  
Delta R.T. 0.00 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.5  | 26.3  |
| 125     | 8.7   | 5.4   | 8.0   |





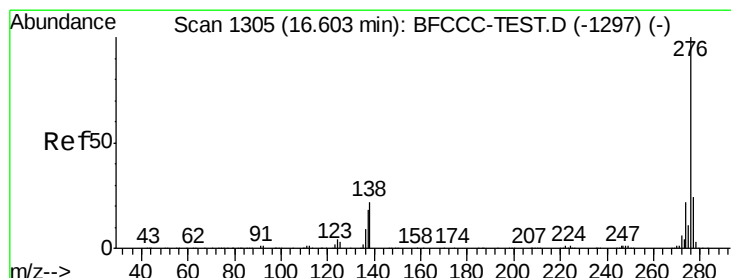
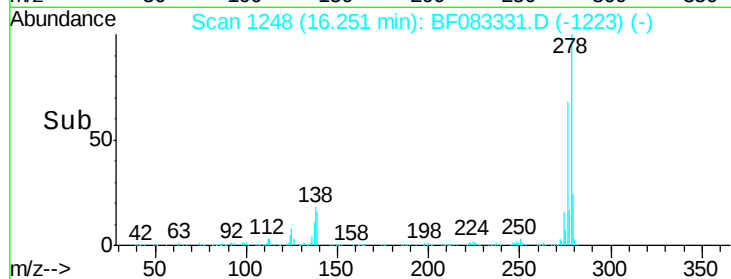
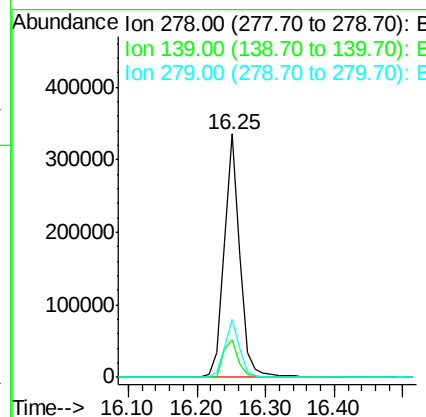
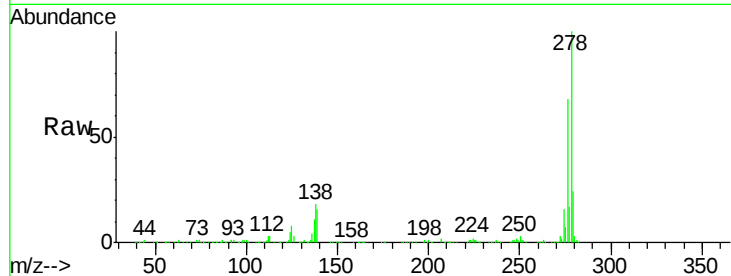
#90  
Dibenzo(a,h)anthracene  
Concen: 32.34 ng  
RT: 16.25 min Scan# 1248  
Delta R.T. -0.01 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.5  | 10.7  | 16.1  |
| 279     | 24.0  | 19.3  | 28.9  |

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#91  
Benzo(g,h,i)perylene  
Concen: 32.61 ng  
RT: 16.59 min Scan# 1278  
Delta R.T. -0.01 min  
Lab File: BF083331.D  
Acq: 27 Nov 2015 16:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 18.7  | 28.1  |
| 138     | 23.7  | 13.9  | 20.9  |

