

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\  
 Data File : BF083579.D  
 Acq On : 8 Dec 2015 3:13  
 Operator : UM/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Mmdadoda  
 12/8/2015 6:15:45 PM

Quant Time: Dec 08 06:39:17 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 05 04:12:46 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 5.72  | 152  | 129669   | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 7.63  | 136  | 482511   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 10.42 | 164  | 212512   | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 12.81 | 188  | 346278   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 17.01 | 240  | 294863   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 18.66 | 264  | 221736   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 4.00  | 112 | 730396  | 85.46 | ng | -0.03 |
| 7) Phenol-d6             | 5.30  | 99  | 968655  | 82.26 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 6.56  | 82  | 889268  | 86.15 | ng | -0.05 |
| 41) 2,4,6-Tribromophenol | 11.71 | 330 | 148460  | 75.73 | ng | -0.05 |
| 44) 2-Fluorobiphenyl     | 9.38  | 172 | 1403752 | 89.59 | ng | -0.05 |
| 78) Terphenyl-d14        | 15.45 | 244 | 1031750 | 77.86 | ng | -0.03 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.82 | 88  | 173397  | 38.68 | ng | 98     |
| 3) Pyridine                    | 2.27 | 79  | 490600  | 45.86 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.24 | 42  | 230169  | 42.71 | ng | 95     |
| 6) Aniline                     | 5.28 | 93  | 634198  | 41.37 | ng | # 86   |
| 8) 2-Chlorophenol              | 5.45 | 128 | 394288  | 41.48 | ng | 94     |
| 9) Benzaldehyde                | 5.12 | 77  | 273922  | 40.57 | ng | 97     |
| 10) Phenol                     | 5.31 | 94  | 578871  | 42.04 | ng | 82     |
| 11) bis(2-Chloroethyl)ether    | 5.38 | 93  | 401600  | 39.35 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 5.64 | 146 | 441206  | 41.85 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 5.74 | 146 | 448153  | 41.63 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 5.96 | 146 | 414381  | 41.86 | ng | 99     |
| 15) Benzyl Alcohol             | 5.97 | 79  | 356669  | 43.66 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.16 | 45  | 771030  | 40.75 | ng | 82     |
| 17) 2-Methylphenol             | 6.17 | 107 | 322635  | 41.13 | ng | 94     |
| 18) Hexachloroethane           | 6.44 | 117 | 130580  | 34.76 | ng | # 88   |
| 19) n-Nitroso-di-n-propylamine | 6.36 | 70  | 323493  | 41.18 | ng | 94     |
| 20) 3+4-Methylphenols          | 6.41 | 107 | 422323  | 41.44 | ng | 96     |
| 22) Acetophenone               | 6.34 | 105 | 606702  | 43.65 | ng | # 97   |
| 24) Nitrobenzene               | 6.59 | 77  | 486974  | 42.83 | ng | 93     |
| 25) Isophorone                 | 6.96 | 82  | 831028  | 41.92 | ng | 98     |
| 26) 2-Nitrophenol              | 7.07 | 139 | 196484  | 43.80 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 7.20 | 122 | 341212  | 43.05 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.31 | 93  | 478220  | 43.29 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.47 | 162 | 307178  | 42.92 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.55 | 180 | 335174  | 42.36 | ng | 99     |
| 31) Naphthalene                | 7.66 | 128 | 1090800 | 42.47 | ng | 99     |
| 32) Benzoic acid               | 7.47 | 122 | 143362  | 33.20 | ng | 96     |
| 33) 4-Chloroaniline            | 7.79 | 127 | 408499  | 40.66 | ng | 97     |
| 34) Hexachlorobutadiene        | 7.87 | 225 | 197464  | 42.23 | ng | 98     |
| 35) Caprolactam                | 8.41 | 113 | 92250   | 40.52 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 319726  | 39.69 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.76 | 142 | 660392  | 41.58 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.04 | 216 | 317577  | 45.45 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 9.01 | 237 | 1492    | 10.84 | ng | 83     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\  
 Data File : BF083579.D  
 Acq On : 8 Dec 2015 3:13  
 Operator : UM/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
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 12/8/2015 6:15:45 PM

Quant Time: Dec 08 06:39:17 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 05 04:12:46 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.25  | 196  | 196845   | 44.87 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.33  | 196  | 194410   | 43.02 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 9.52  | 154  | 833652   | 44.15 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.54  | 162  | 624400   | 43.88 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.74  | 65   | 221806   | 43.76 | nq    | 99       |
| 48) Acenaphthylene             | 10.19 | 152  | 976494   | 41.91 | nq    | 99       |
| 49) Dimethylphthalate          | 10.06 | 163  | 740103   | 44.25 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.16 | 165  | 147581   | 41.90 | nq    | 91       |
| 51) Acenaphthene               | 10.48 | 154  | 558364   | 41.64 | nq    | 99       |
| 52) 3-Nitroaniline             | 10.42 | 138  | 160018   | 42.14 | nq    | 98       |
| 53) 2,4-Dinitrophenol          | 10.65 | 184  | 20156    | 17.64 | nq    | 92       |
| 54) Dibenzofuran               | 10.75 | 168  | 776452   | 41.80 | nq    | 97       |
| 55) 4-Nitrophenol              | 10.84 | 139  | 67356    | 31.49 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.82 | 165  | 187269   | 40.71 | nq    | # 74     |
| 57) Fluorene                   | 11.31 | 166  | 659100   | 40.78 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.00 | 232  | 130144   | 38.50 | nq    | # 100    |
| 59) Diethylphthalate           | 11.21 | 149  | 697484   | 43.33 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 11.33 | 204  | 314608   | 40.62 | nq    | 99       |
| 61) 4-Nitroaniline             | 11.42 | 138  | 146067   | 42.46 | nq    | 93       |
| 62) Azobenzene                 | 11.60 | 77   | 673947   | 39.24 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 11.48 | 198  | 46999    | 22.14 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 11.55 | 169  | 529829   | 46.21 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.12 | 248  | 176409   | 46.62 | nq    | 93       |
| 67) Hexachlorobenzene          | 12.19 | 284  | 180902   | 44.72 | nq    | 97       |
| 68) Atrazine                   | 12.47 | 200  | 140895   | 40.64 | nq    | 97       |
| 69) Pentachlorophenol          | 12.56 | 266  | 56333    | 33.38 | nq    | 92       |
| 70) Phenanthrene               | 12.85 | 178  | 852863   | 42.31 | nq    | 100      |
| 71) Anthracene                 | 12.93 | 178  | 850254   | 41.36 | nq    | 99       |
| 72) Carbazole                  | 13.23 | 167  | 748527   | 42.41 | nq    | 98       |
| 73) Di-n-butylphthalate        | 13.86 | 149  | 986306   | 46.40 | nq    | 99       |
| 74) Fluoranthene               | 14.77 | 202  | 829740   | 41.54 | nq    | 97       |
| 76) Benzidine                  | 15.06 | 184  | 394097   | 36.99 | nq    | 97       |
| 77) Pyrene                     | 15.14 | 202  | 851000   | 38.58 | nq    | 99       |
| 79) Butylbenzylphthalate       | 16.27 | 149  | 377726   | 43.55 | nq    | 90       |
| 80) Benzo(a)anthracene         | 17.00 | 228  | 731762   | 42.42 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 17.00 | 252  | 260823   | 47.27 | nq    | # 95     |
| 82) Chrysene                   | 17.05 | 228  | 701542   | 40.82 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 17.12 | 149  | 530361   | 46.60 | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 17.88 | 149  | 908831   | 55.99 | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 19.91 | 276  | 497437   | 33.76 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 18.27 | 252  | 685984m  | 55.09 | nq    |          |
| 88) Benzo(k)fluoranthene       | 18.31 | 252  | 434033m  | 34.02 | nq    |          |
| 89) Benzo(a)pyrene             | 18.60 | 252  | 500904   | 41.35 | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 19.91 | 278  | 436254   | 37.43 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 20.26 | 276  | 388063   | 33.04 | nq    | 99       |

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

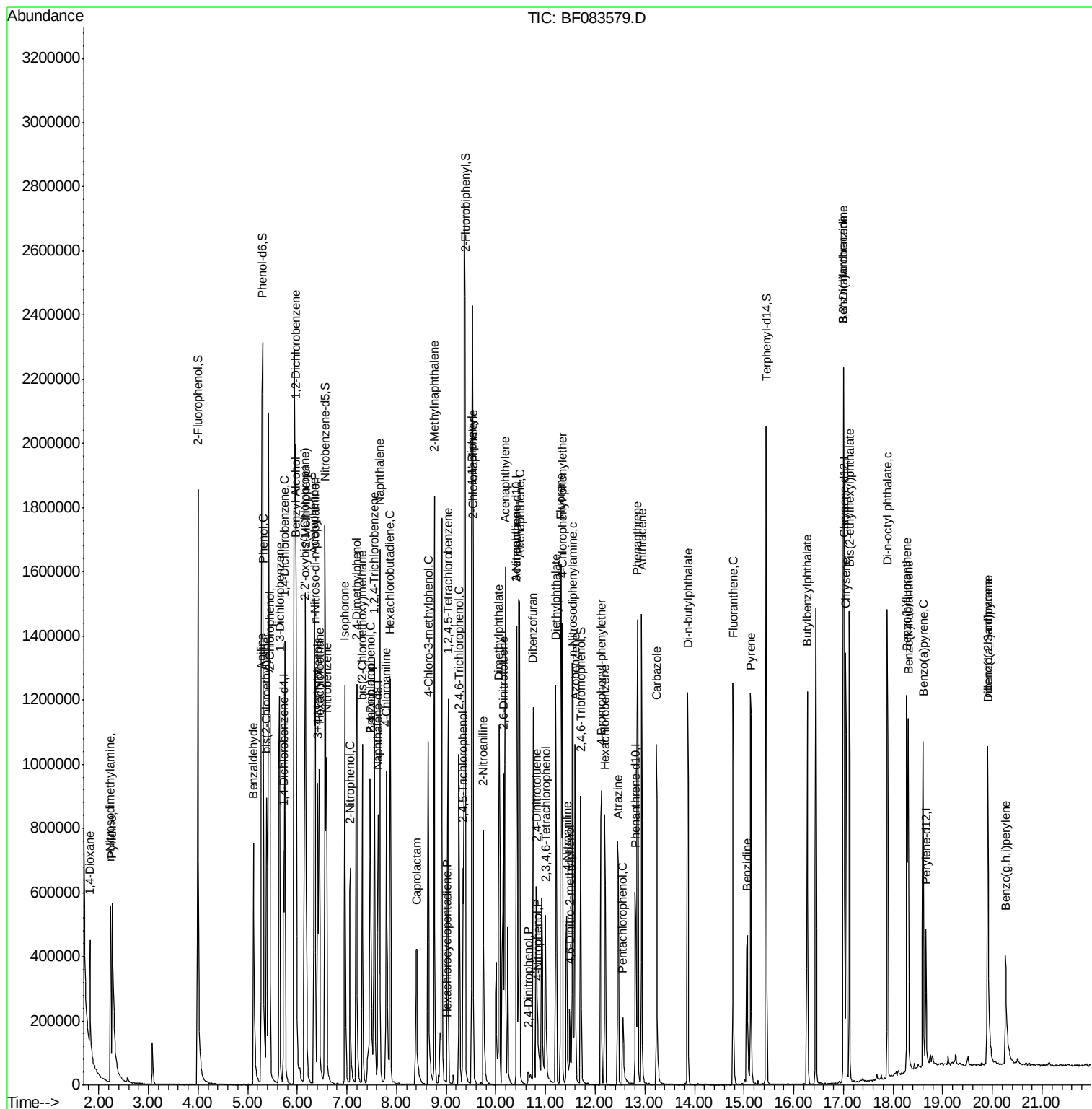
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083579.D
Acq On    : 8 Dec 2015    3:13
Operator  : UM/IZ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2    Sample Multiplier: 1
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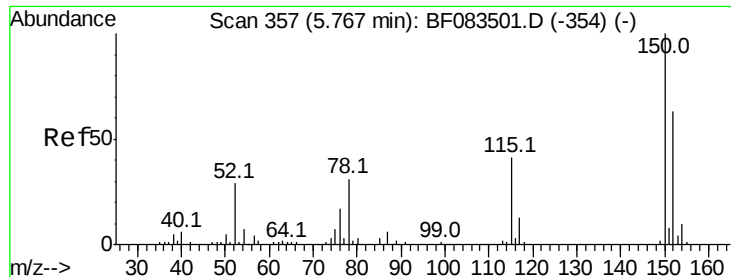
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

## Manual Integrations APPROVED

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12/8/2015 6:15:45 PM

Quant Time: Dec 08 06:39:17 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 05 04:12:46 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 129669

Ion Ratio Lower Upper

152 100

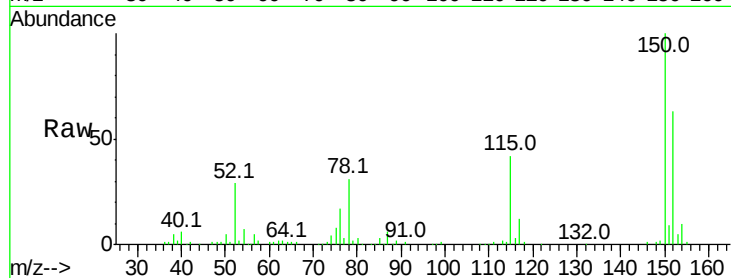
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115 67.1 52.3 78.5

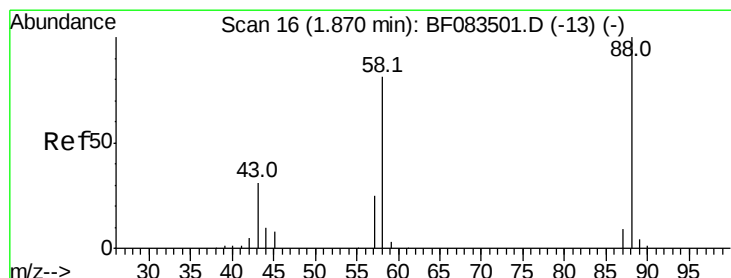
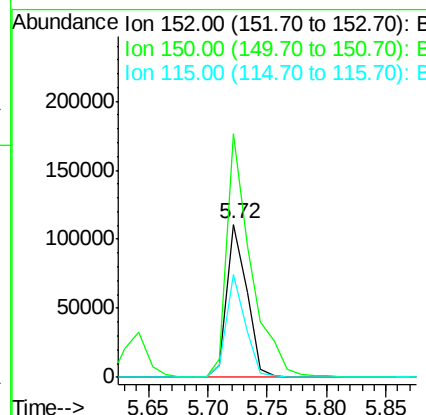
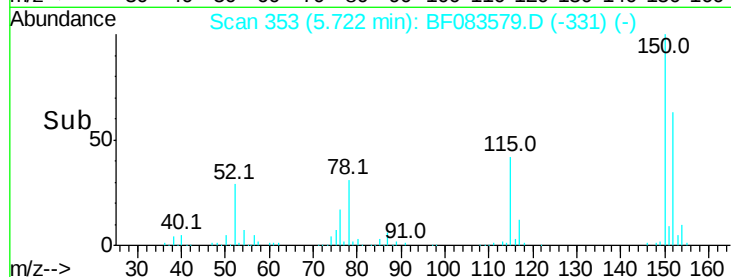
Manual Integrations  
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12/8/2015 6:15:45 PM



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



#2

1,4-Dioxane

Concen: 38.68 ng

RT: 1.82 min Scan# 12

Delta R.T. -0.04 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

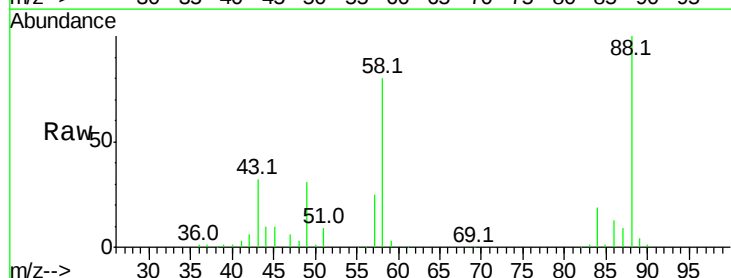
Tgt Ion: 88 Resp: 173397

Ion Ratio Lower Upper

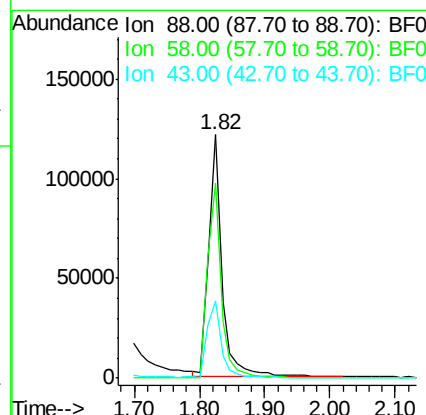
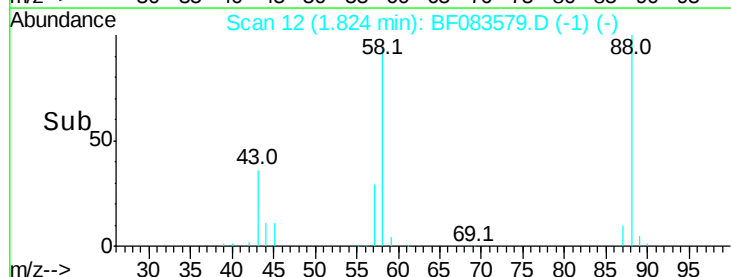
88 100

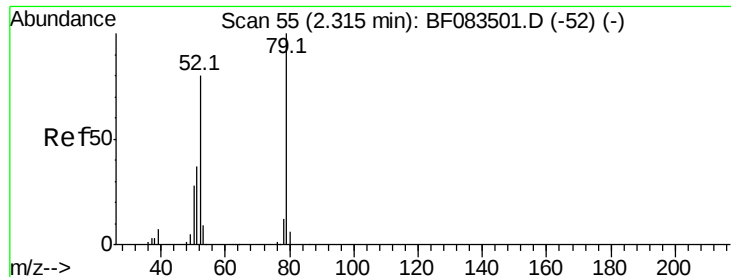
58 82.4 68.0 102.0

43 35.5 27.9 41.9



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





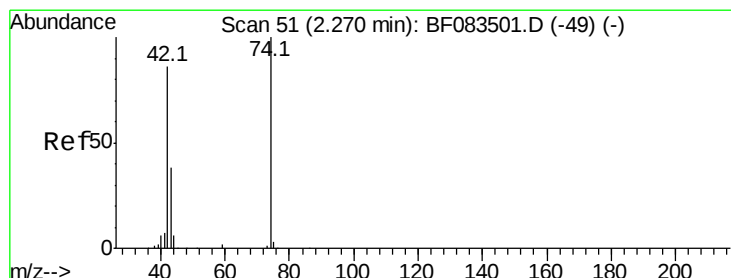
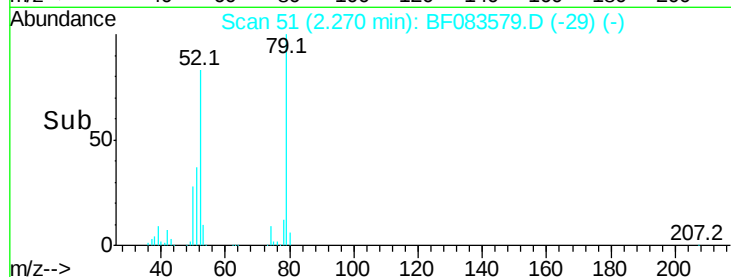
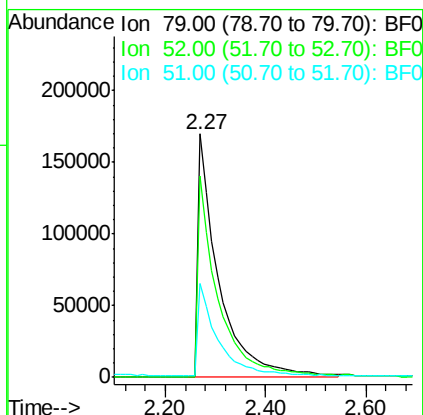
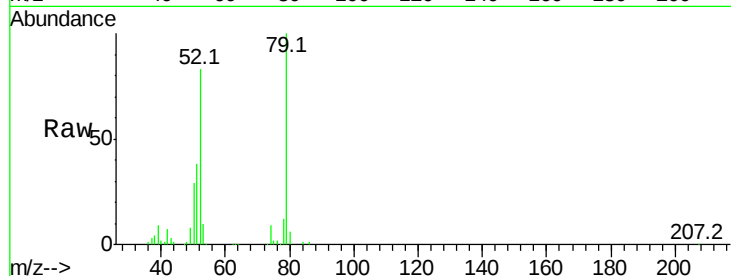
#3  
Pvridine  
Concen: 45.86 ng  
RT: 2.27 min Scan# 51  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 82.7  | 63.7  | 95.5  |
| 51      | 38.4  | 30.6  | 45.8  |

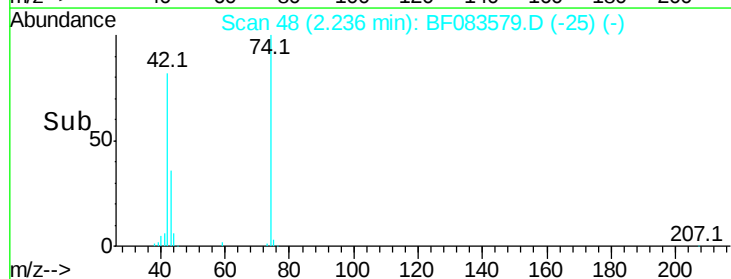
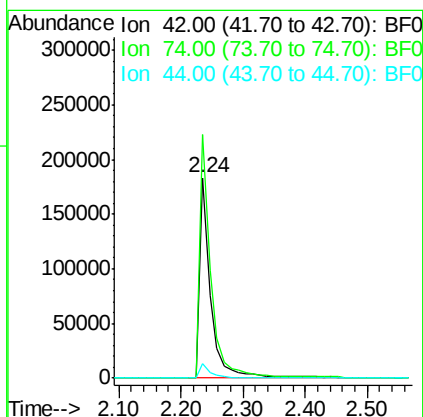
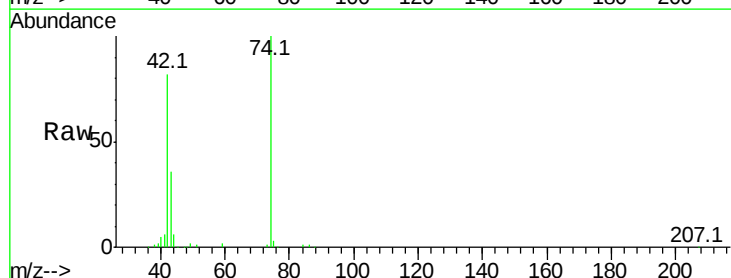
Manual Integrations  
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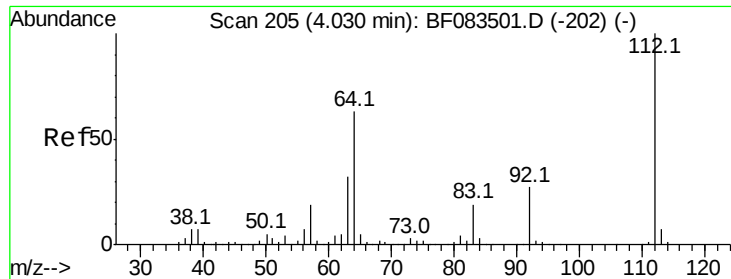
Mmdadoda  
12/8/2015 6:15:45 PM



#4  
n-Nitrosodimethylamine  
Concen: 42.71 ng  
RT: 2.24 min Scan# 48  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 121.5 | 92.9  | 139.3 |
| 44      | 7.0   | 5.7   | 8.5   |





#5

2-Fluorophenol

Concen: 85.46 ng

RT: 4.00 min Scan# 202

Delta R.T. -0.03 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

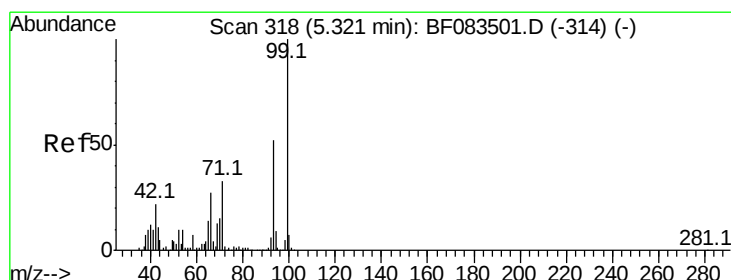
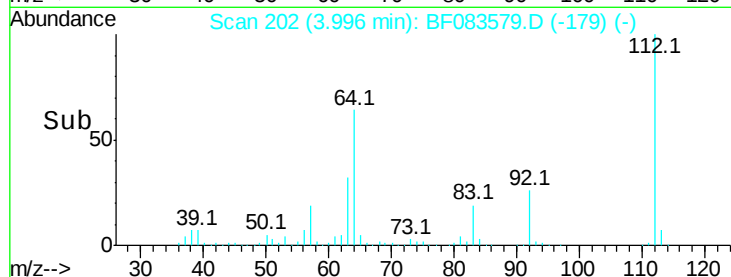
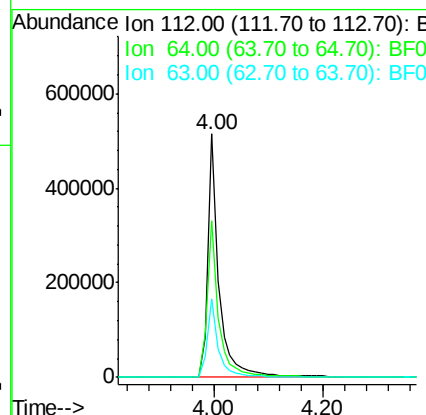
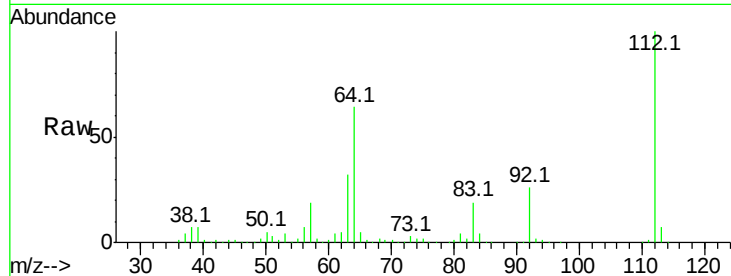
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 730396 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 64.5  | 50.5  | 75.7   |
| 63        | 32.4  | 25.8  | 38.6   |

Manual Integrations  
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12/8/2015 6:15:45 PM



#6

Aniline

Concen: 41.37 ng

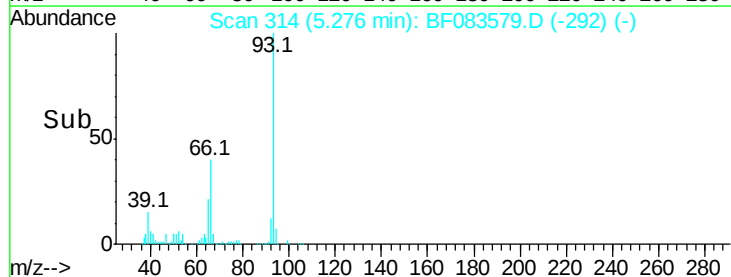
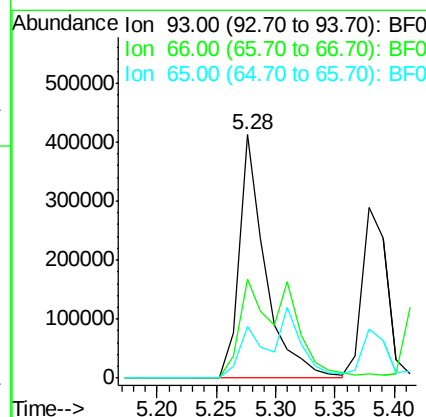
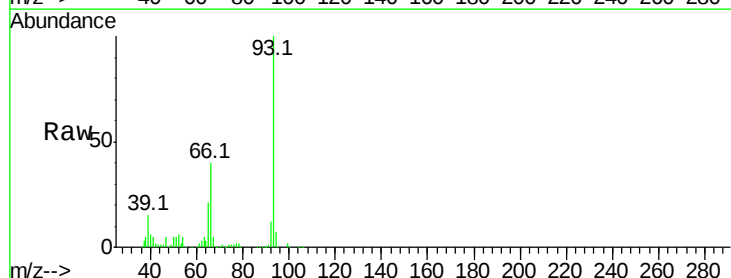
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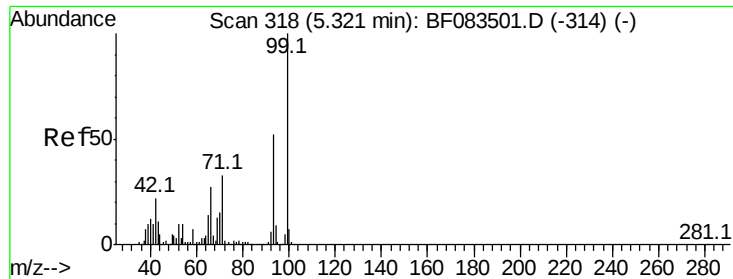
Delta R.T. -0.05 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 634198 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.4  | 41.3  | 61.9#  |
| 65        | 21.4  | 20.8  | 31.2   |





#7

Phenol-d6

Concen: 82.26 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

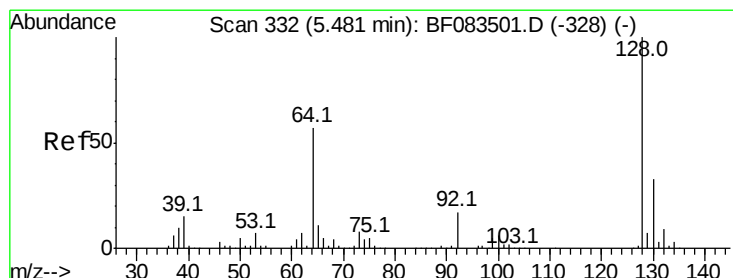
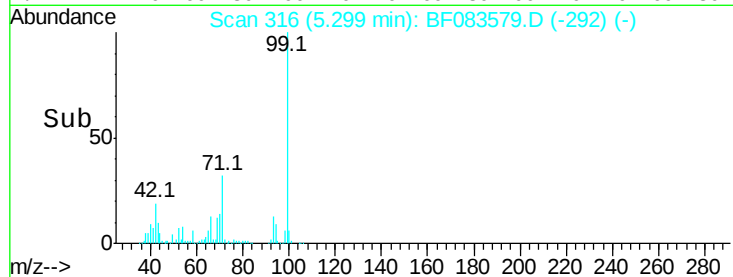
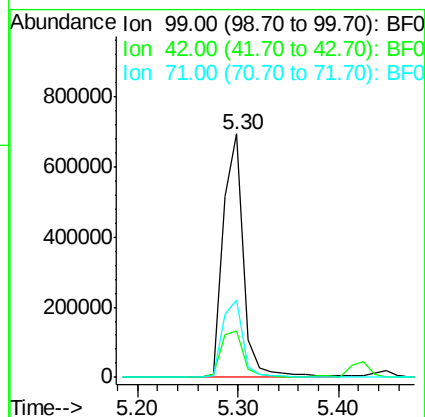
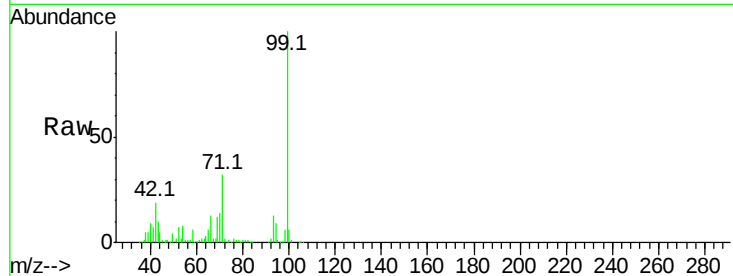
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 968655 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.9  | 17.3  | 25.9   |
| 71        | 31.8  | 26.6  | 40.0   |

Manual Integrations  
APPROVED

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12/8/2015 6:15:45 PM



#8

2-Chlorophenol

Concen: 41.48 ng

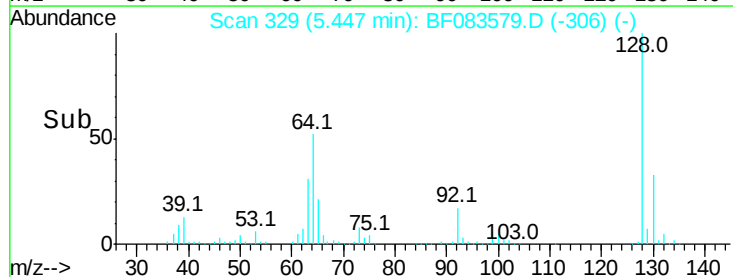
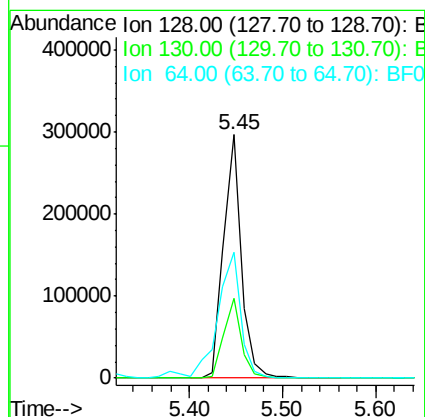
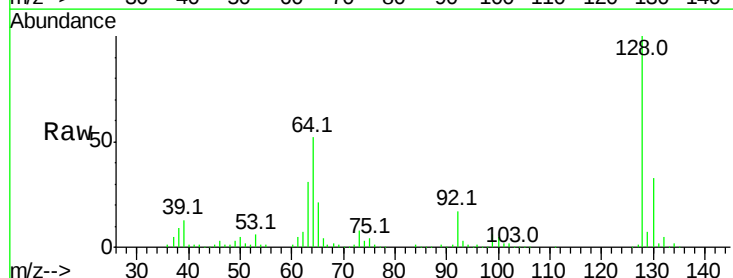
RT: 5.45 min Scan# 329

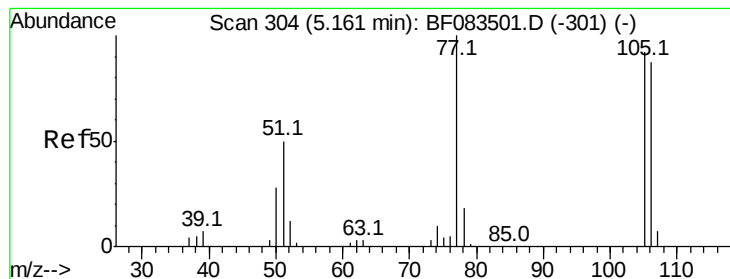
Delta R.T. -0.03 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 394288 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.6  | 12.6  | 52.6   |
| 64        | 51.6  | 38.6  | 78.6   |





#9

Benzaldehyde

Concen: 40.57 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.05 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 273922

Ion Ratio Lower Upper

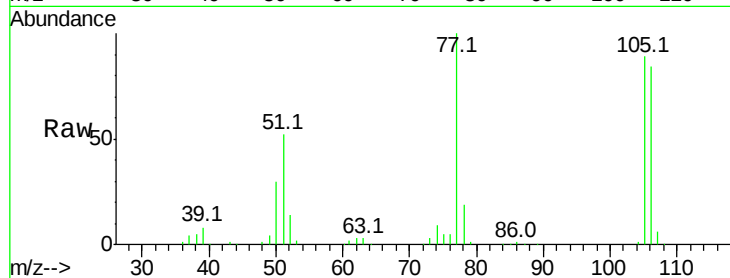
77 100

105 89.0 71.8 111.8

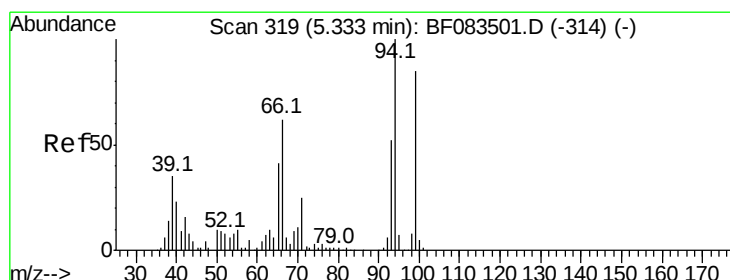
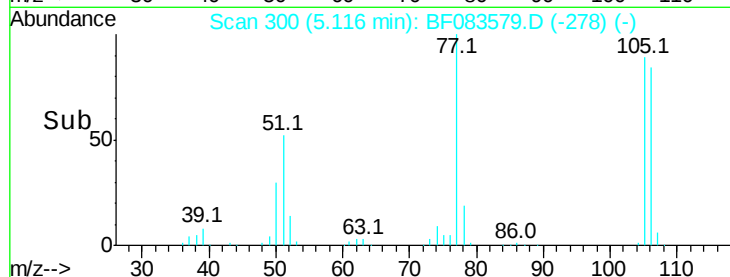
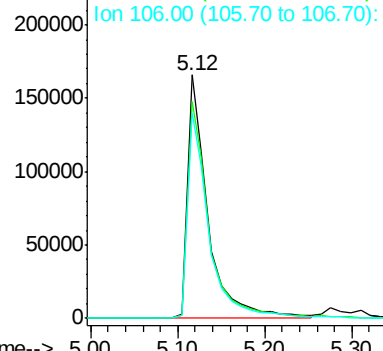
106 84.1 66.8 106.8

Manual Integrations  
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Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): B  
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 42.04 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.02 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

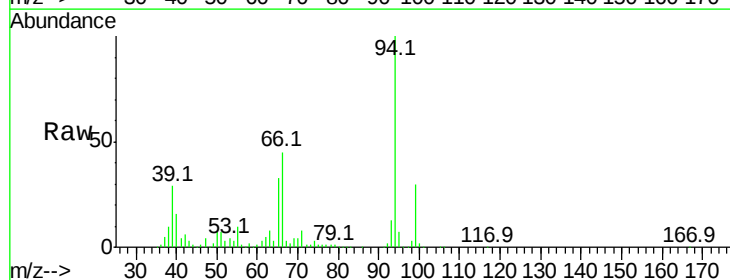
Tgt Ion: 94 Resp: 578871

Ion Ratio Lower Upper

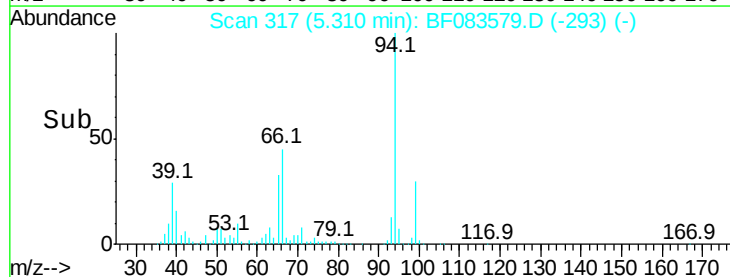
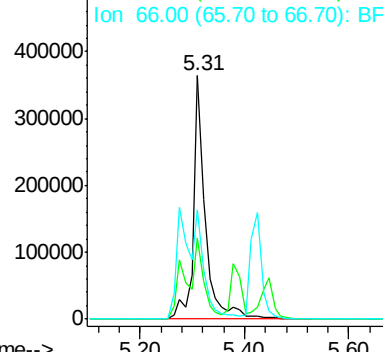
94 100

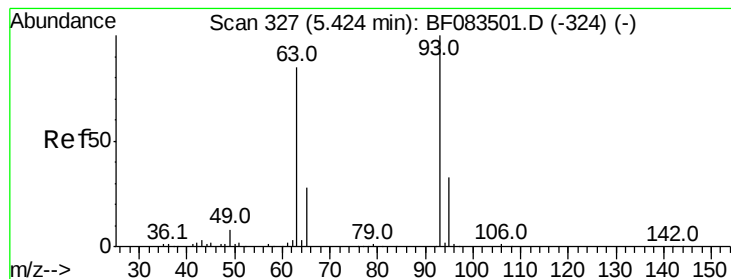
65 33.2 20.9 60.9

66 44.7 41.6 81.6



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0





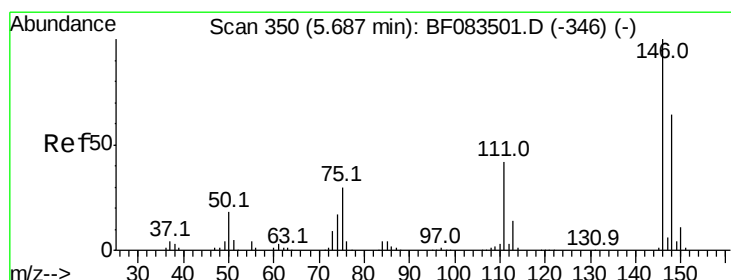
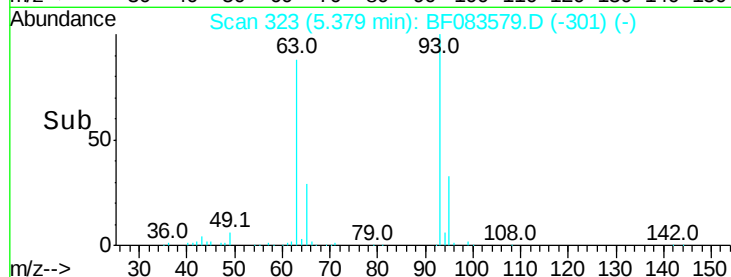
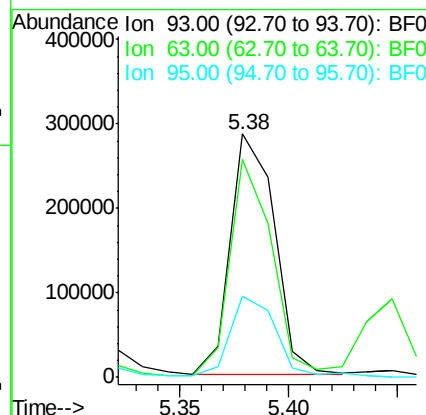
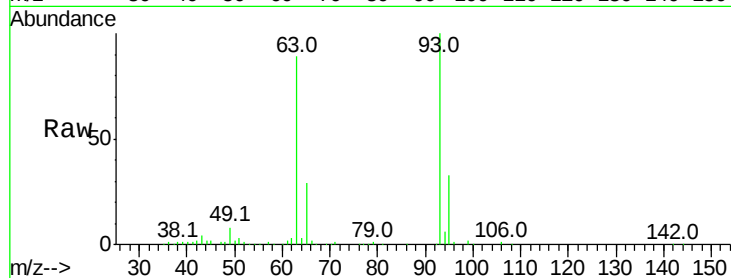
#11  
bis(2-Chloroethyl)ether  
Concen: 39.35 ng  
RT: 5.38 min Scan# 323  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 63      | 89.4  | 64.7 | 104.7 |       |
| 95      | 33.4  | 12.7 | 52.7  |       |

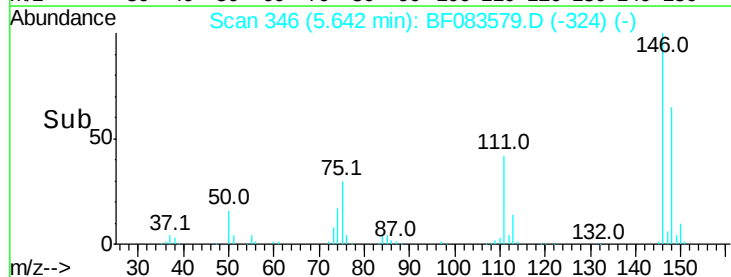
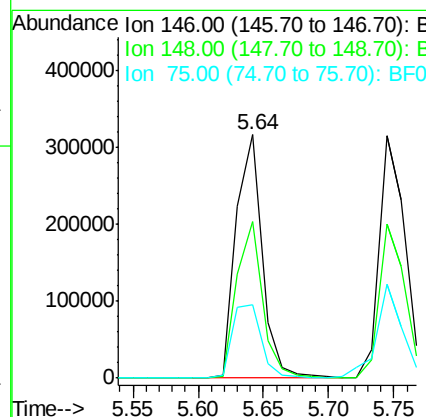
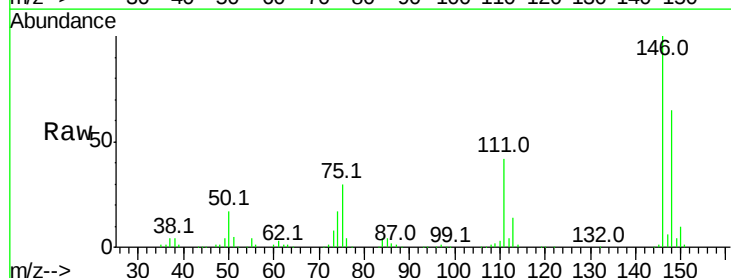
Manual Integrations  
APPROVED

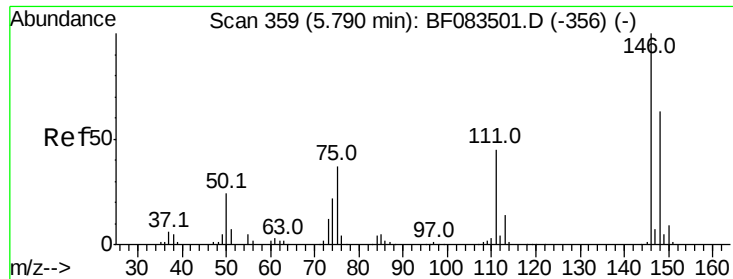
Mmdadoda  
12/8/2015 6:15:45 PM



#12  
1,3-Dichlorobenzene  
Concen: 41.85 ng  
RT: 5.64 min Scan# 346  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 64.5  | 51.3 | 76.9  |       |
| 75      | 30.2  | 24.1 | 36.1  |       |





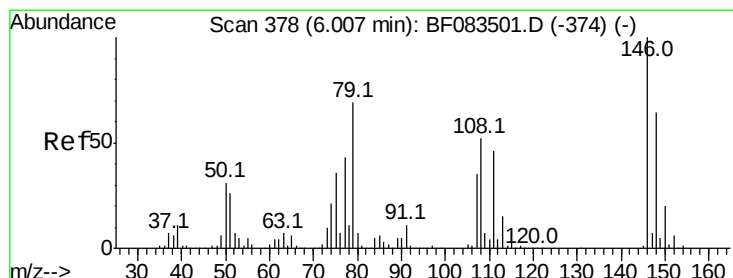
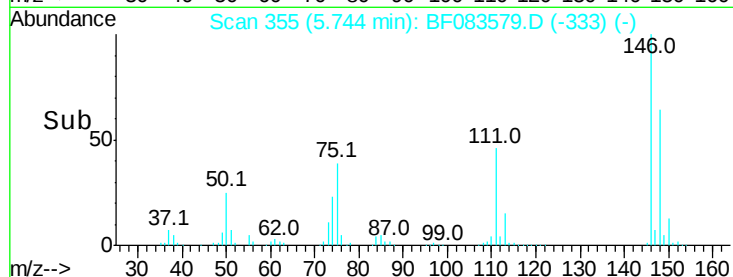
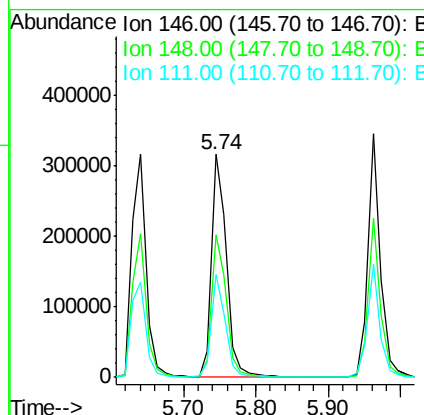
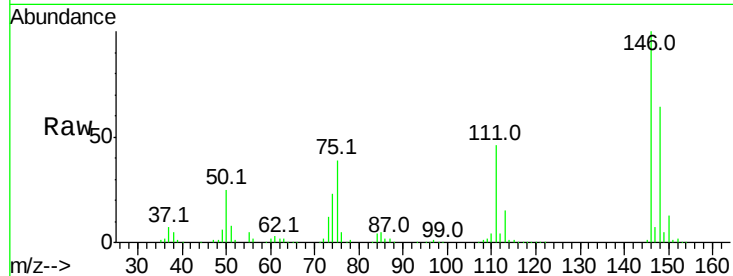
#13  
 1,4-Dichlorobenzene  
 Concen: 41.63 ng  
 RT: 5.74 min Scan# 355  
 Delta R.T. -0.05 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 50.6  | 76.0  |
| 111     | 46.4  | 36.1  | 54.1  |

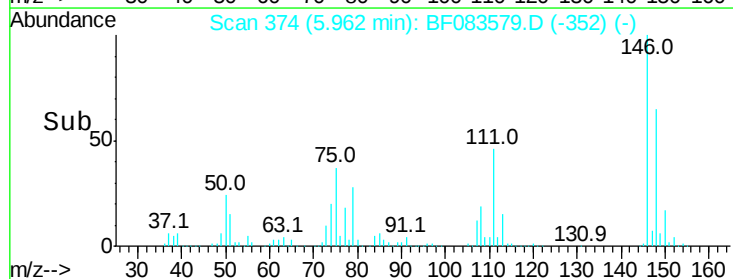
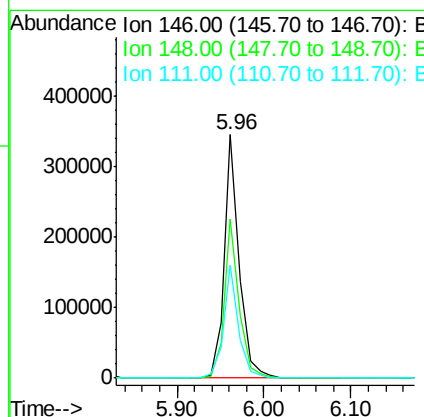
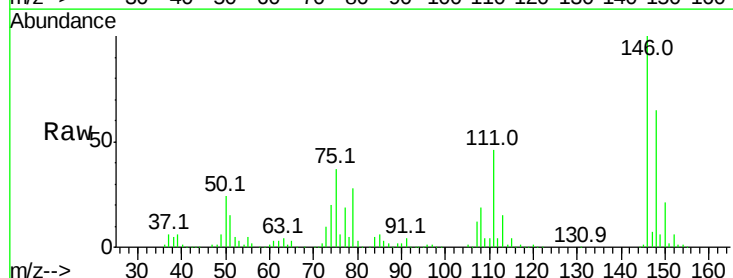
Manual Integrations  
 APPROVED

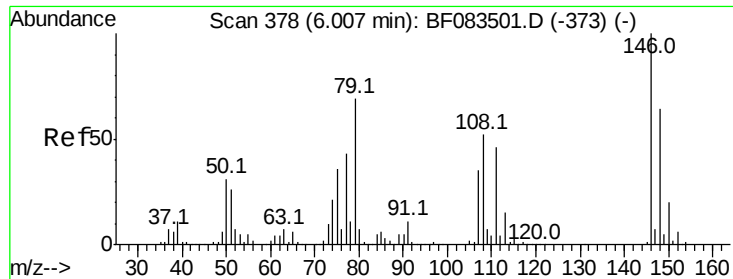
Mmdadoda  
 12/8/2015 6:15:45 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 41.86 ng  
 RT: 5.96 min Scan# 374  
 Delta R.T. -0.05 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 51.4  | 77.0  |
| 111     | 46.2  | 36.7  | 55.1  |





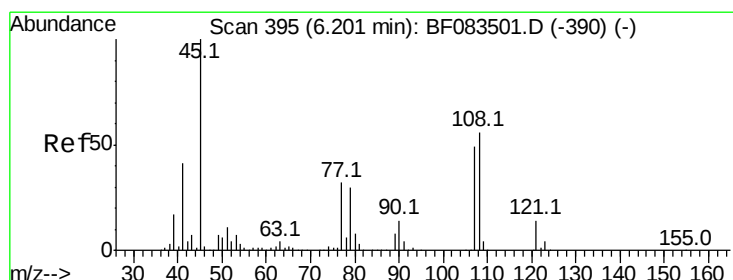
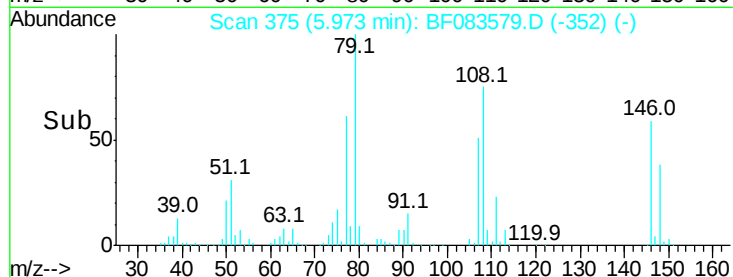
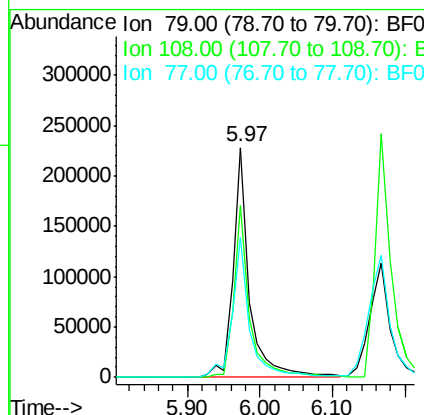
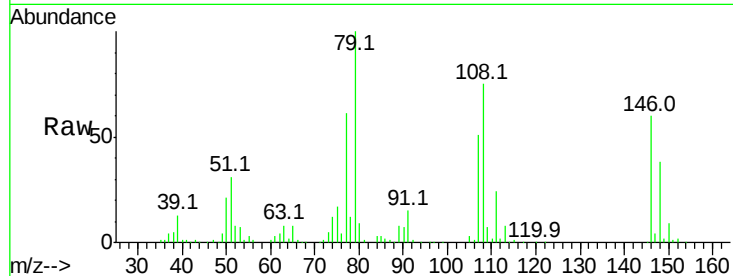
#15  
Benzyl Alcohol  
Concen: 43.66 ng  
RT: 5.97 min Scan# 375  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 79 Resp: 356669  
Ion Ratio Lower Upper  
79 100  
108 74.7 59.6 89.4  
77 60.8 49.8 74.6

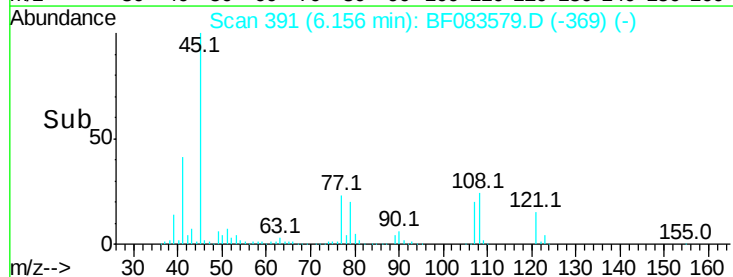
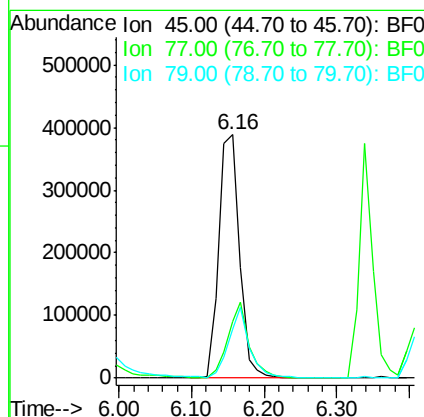
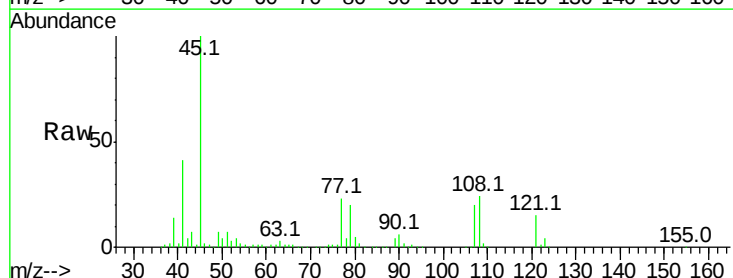
Manual Integrations  
APPROVED

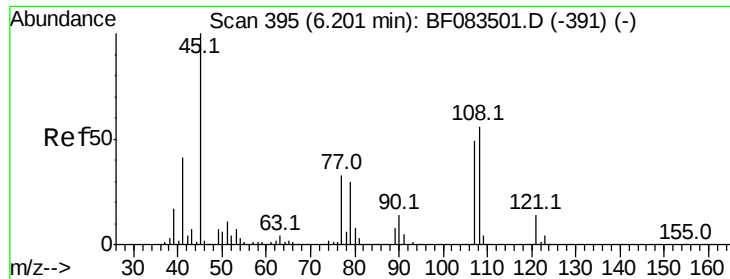
Mmdadoda  
12/8/2015 6:15:45 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.75 ng  
RT: 6.16 min Scan# 391  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Tgt Ion: 45 Resp: 771030  
Ion Ratio Lower Upper  
45 100  
77 23.5 12.8 52.8  
79 20.4 10.7 50.7





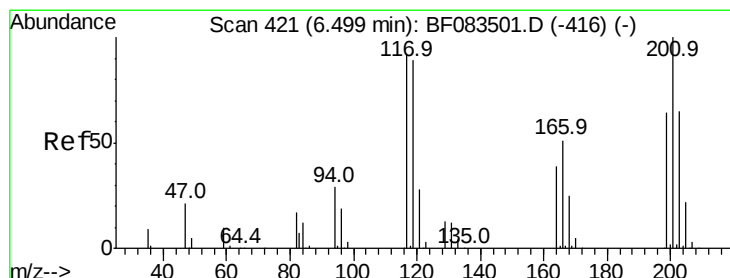
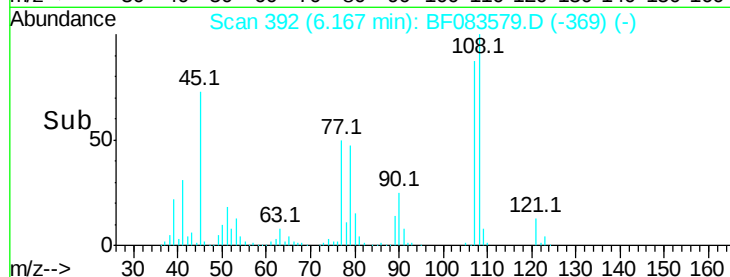
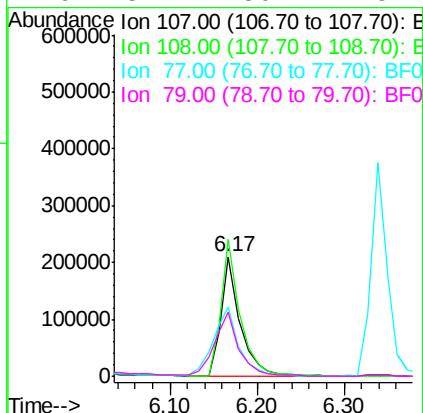
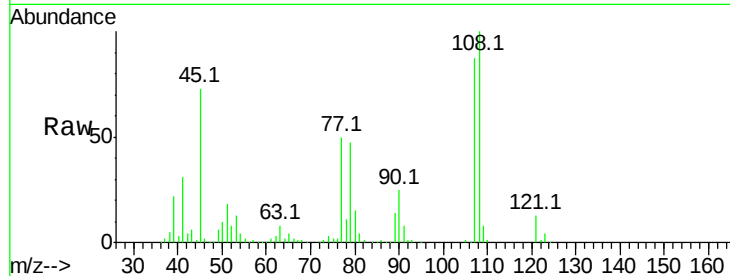
#17  
2-Methylphenol  
Concen: 41.13 ng  
RT: 6.17 min Scan# 392  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 115.4 | 91.6 | 137.4 |       |
| 77      | 58.0  | 53.7 | 80.5  |       |
| 79      | 54.2  | 50.2 | 75.4  |       |

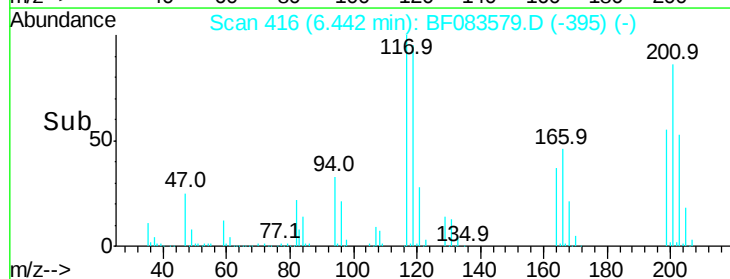
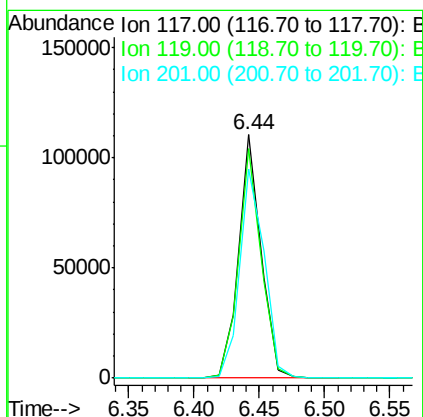
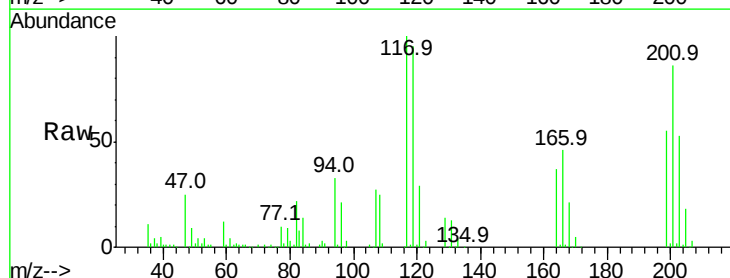
Manual Integrations  
APPROVED

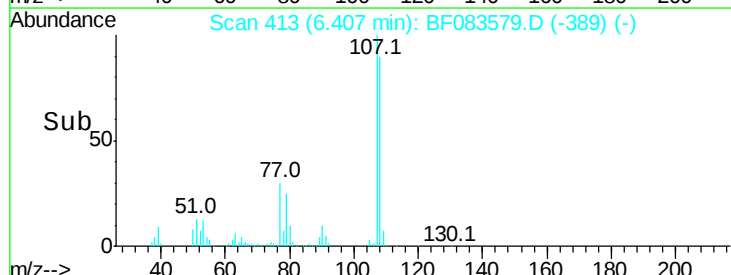
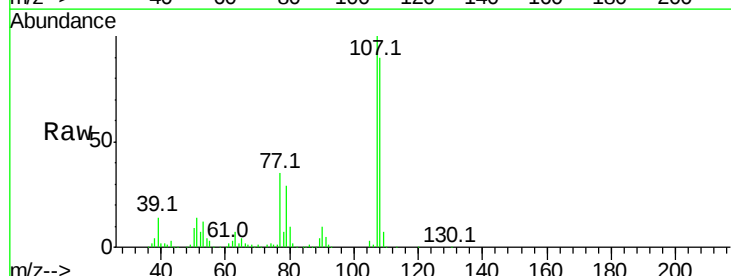
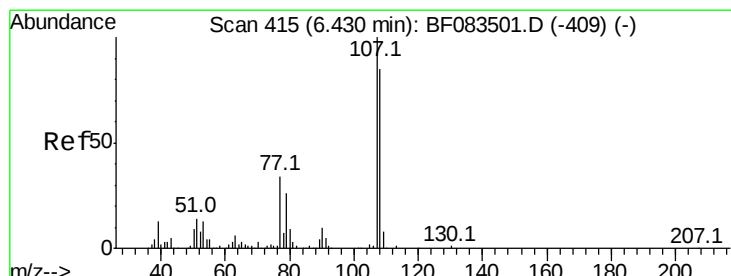
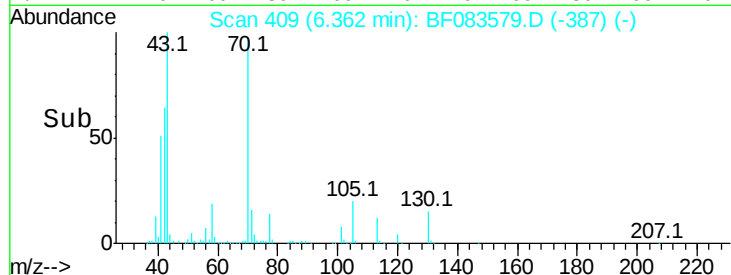
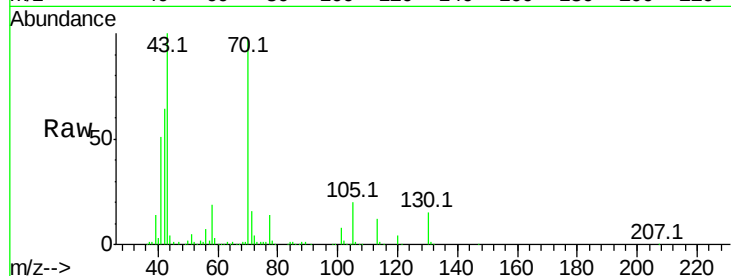
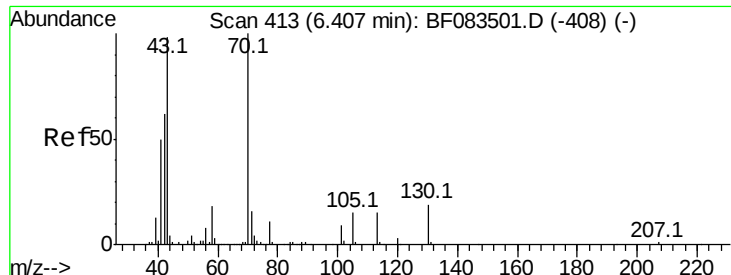
Mmdadoda  
12/8/2015 6:15:45 PM



#18  
Hexachloroethane  
Concen: 34.76 ng  
RT: 6.44 min Scan# 416  
Delta R.T. -0.06 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 94.5  | 77.2 | 115.8  |       |
| 201     | 86.1  | 86.8 | 130.2# |       |

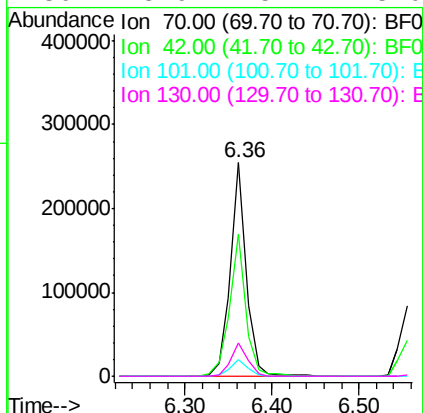




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.18 ng  
RT: 6.36 min Scan# 409  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 66.6  | 49.2  | 73.8  |
| 101     | 8.0   | 7.1   | 10.7  |
| 130     | 15.9  | 15.4  | 23.0  |

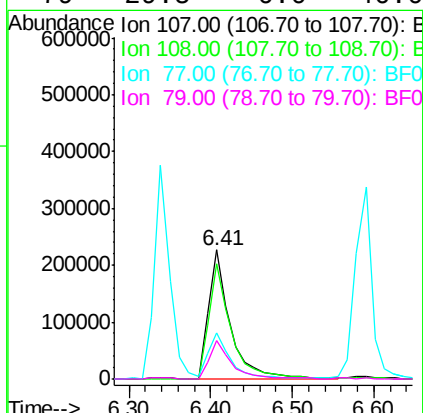


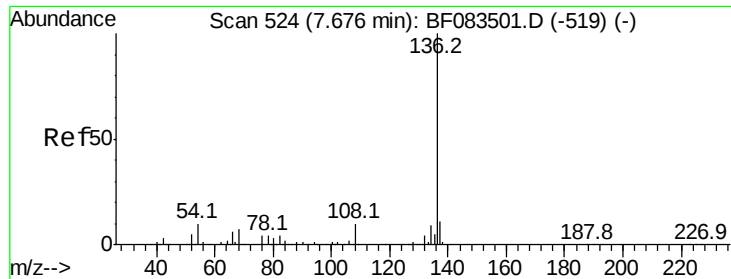
Manual Integrations  
APPROVED

Mmdadoda  
12/8/2015 6:15:45 PM

#20  
3+4-Methylphenols  
Concen: 41.44 ng  
RT: 6.41 min Scan# 413  
Delta R.T. -0.02 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.6  | 65.2  | 105.2 |
| 77      | 35.4  | 15.2  | 55.2  |
| 79      | 29.5  | 6.0   | 46.0  |





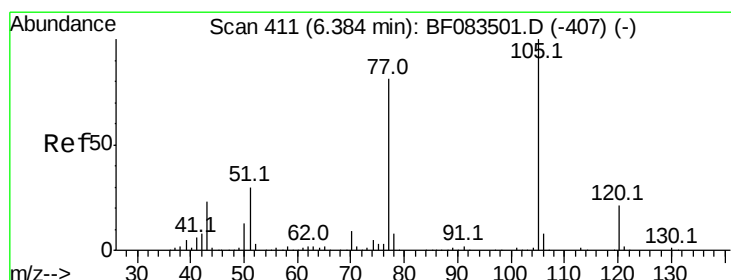
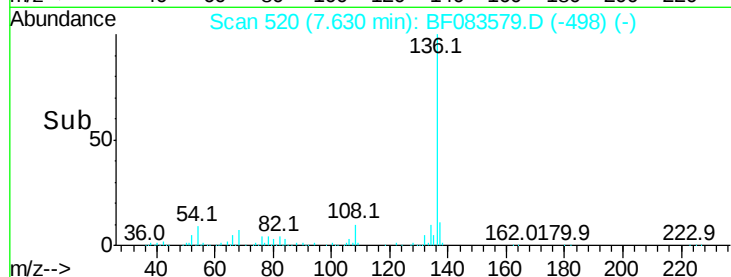
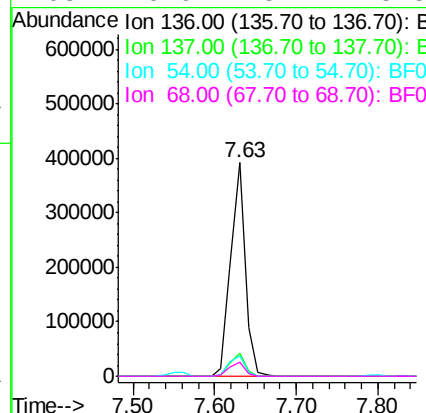
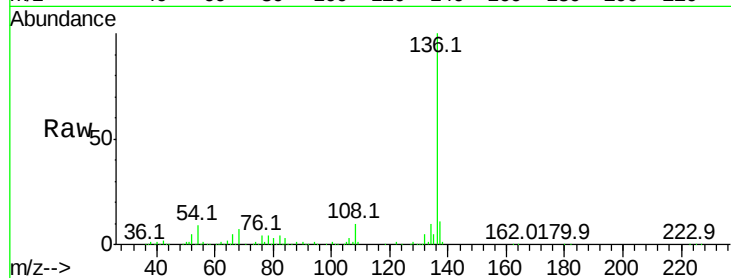
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.63 min Scan# 520  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 482511  | 136 | 100   |      |       |       |
|         | 137 | 10.9  | 8.7  | 13.1  |       |
|         | 54  | 9.3   | 7.8  | 11.6  |       |
|         | 68  | 6.9   | 5.7  | 8.5   |       |

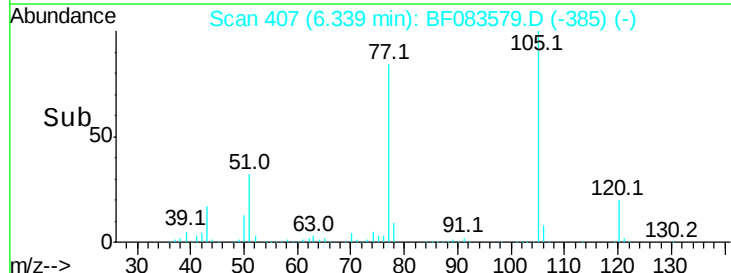
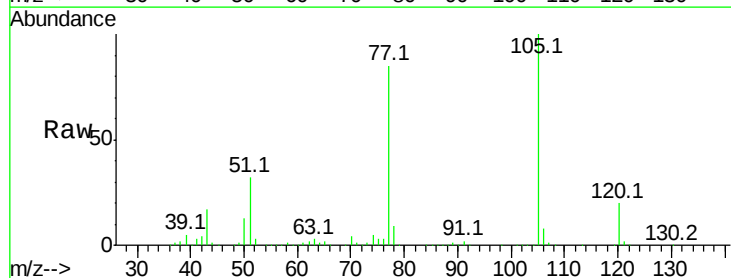
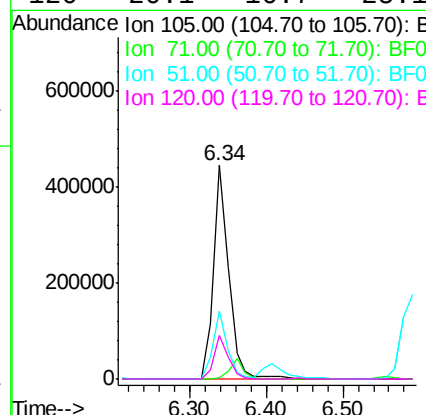
Manual Integrations  
APPROVED

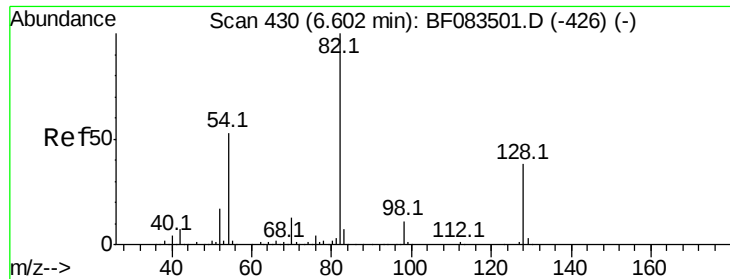
Mmdadoda  
12/8/2015 6:15:45 PM



#22  
Acetophenone  
Concen: 43.65 ng  
RT: 6.34 min Scan# 407  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 606702  | 105 | 100   |      |       |       |
|         | 71  | 0.6   | 1.3  | 1.9#  |       |
|         | 51  | 31.7  | 23.8 | 35.8  |       |
|         | 120 | 20.1  | 16.7 | 25.1  |       |





#23

Nitrobenzene-d5

Concen: 86.15 ng

RT: 6.56 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

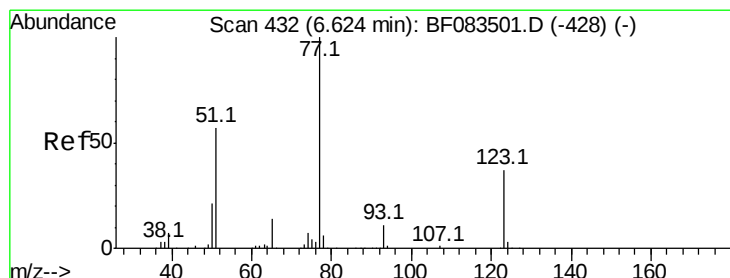
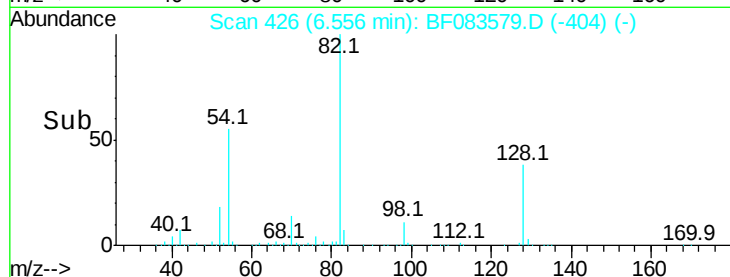
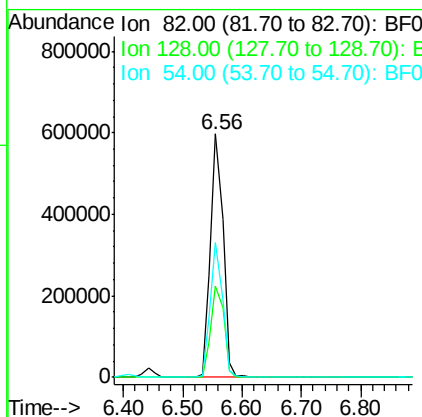
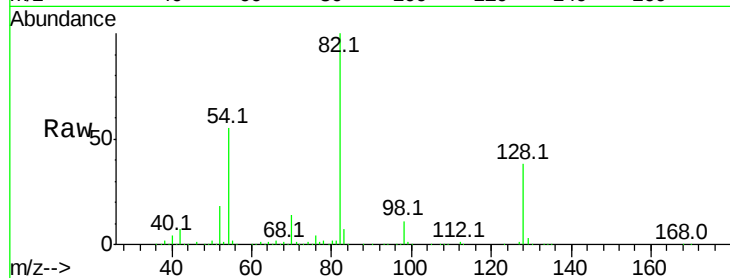
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 889268 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.6  | 30.7  | 46.1   |
| 54        | 55.1  | 42.5  | 63.7   |

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#24

Nitrobenzene

Concen: 42.83 ng

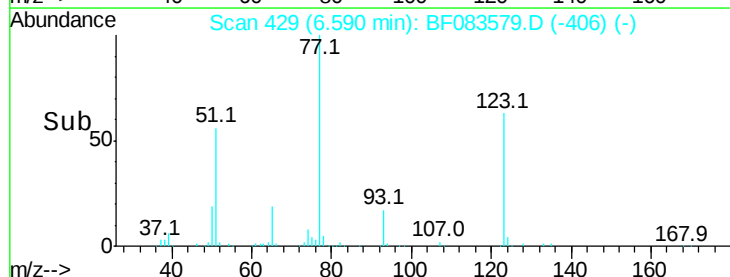
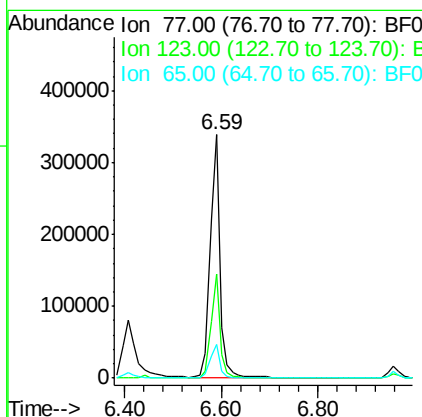
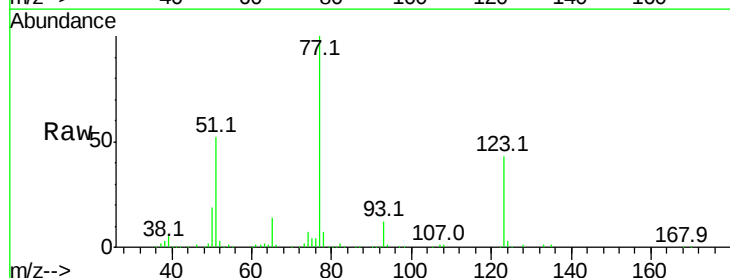
RT: 6.59 min Scan# 429

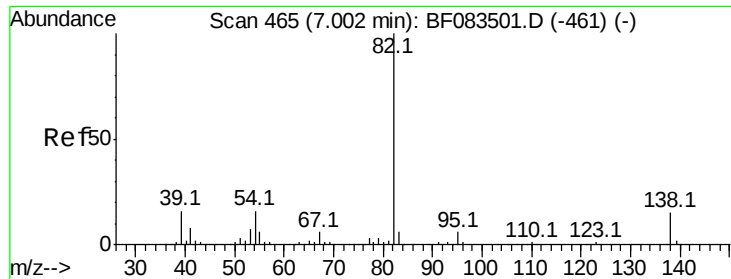
Delta R.T. -0.03 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 486974 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 43.0  | 29.8  | 44.6   |
| 65        | 13.6  | 11.1  | 16.7   |





#25

Isophorone

Concen: 41.92 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

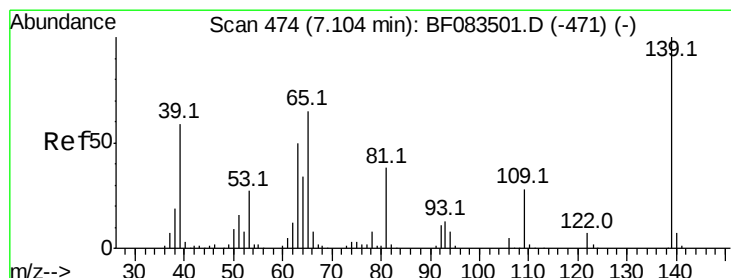
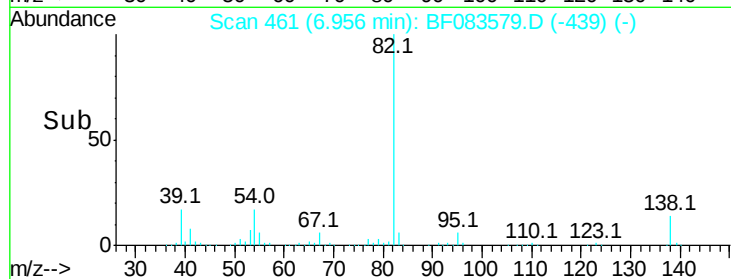
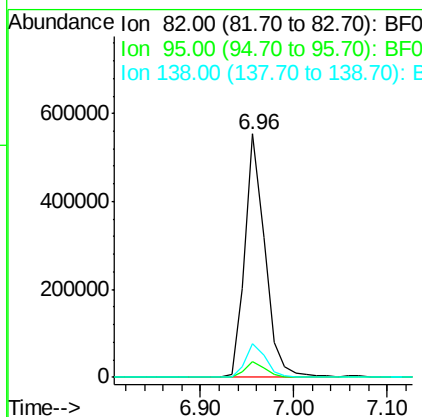
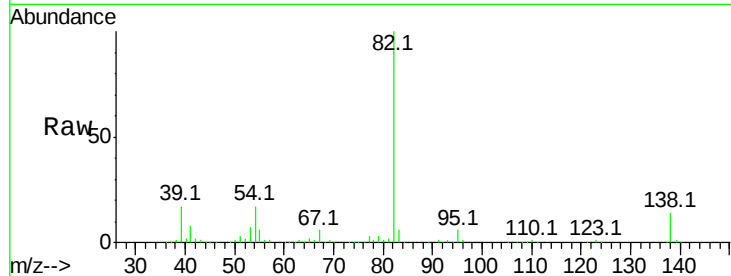
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 831028 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.4   | 5.0   | 7.4    |
| 138       | 14.0  | 12.1  | 18.1   |

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#26

2-Nitrophenol

Concen: 43.80 ng

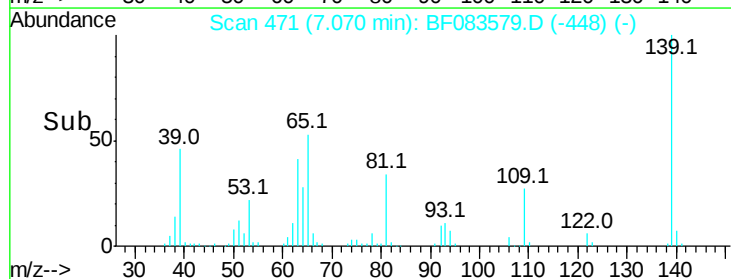
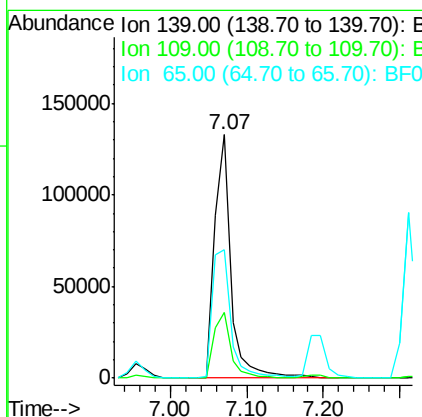
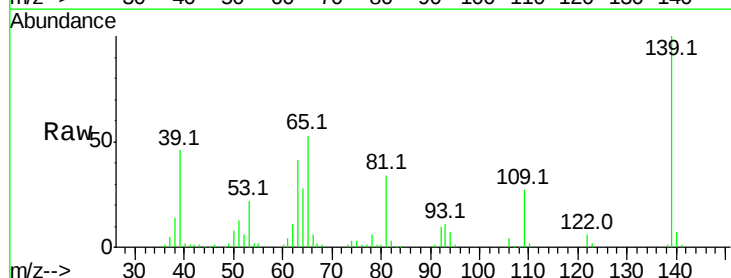
RT: 7.07 min Scan# 471

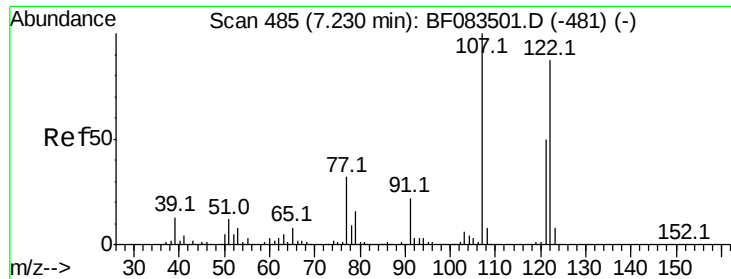
Delta R.T. -0.03 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 196484 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 26.8  | 22.7  | 34.1   |
| 65        | 52.9  | 51.8  | 77.8   |





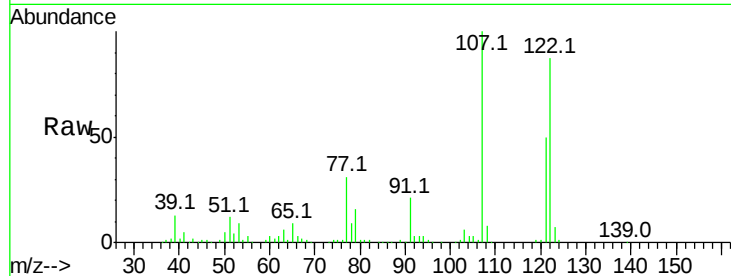
#27  
2,4-Dimethylphenol  
Concen: 43.05 ng  
RT: 7.20 min Scan# 482  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

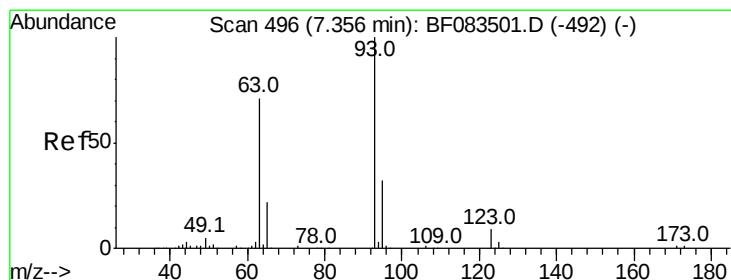
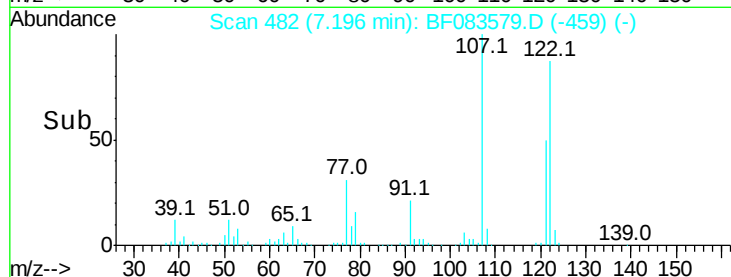
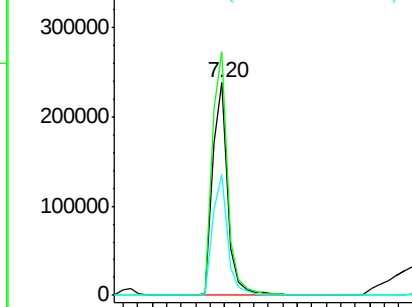
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 341212 |       |       |
| 107     | 114.7 | 92.4   | 138.6 |       |
| 121     | 56.8  | 45.8   | 68.6  |       |

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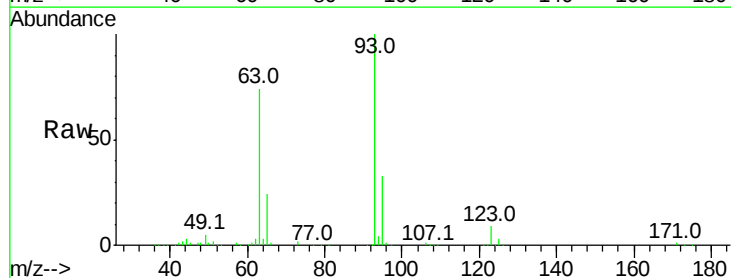


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

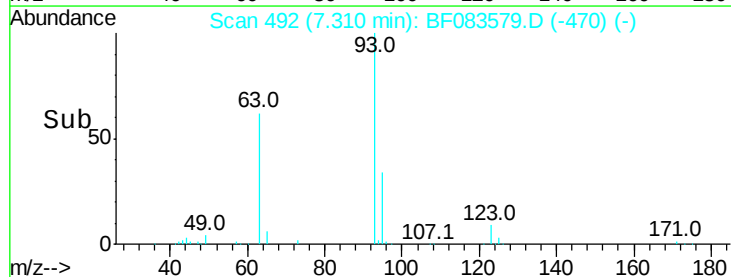
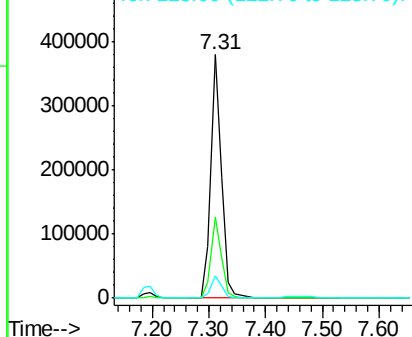


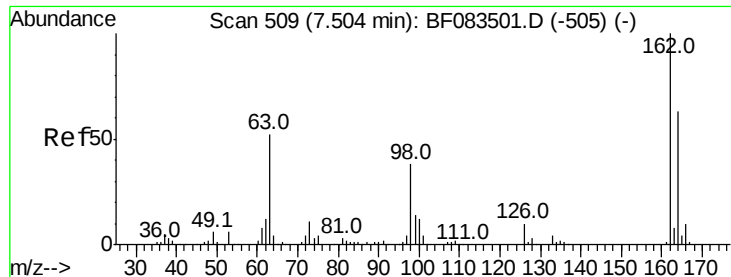
#28  
bis(2-Chloroethoxy)methane  
Concen: 43.29 ng  
RT: 7.31 min Scan# 492  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 478220 |       |       |
| 95      | 33.4  | 25.6   | 38.4  |       |
| 123     | 9.1   | 7.3    | 10.9  |       |



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.92 ng

RT: 7.47 min Scan# 506

Delta R.T. -0.03 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

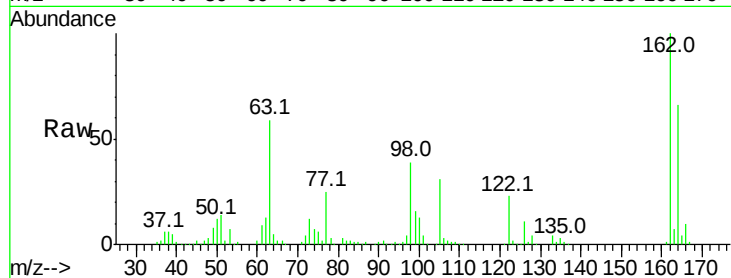
ClientSampleId :

SSTDCCC040

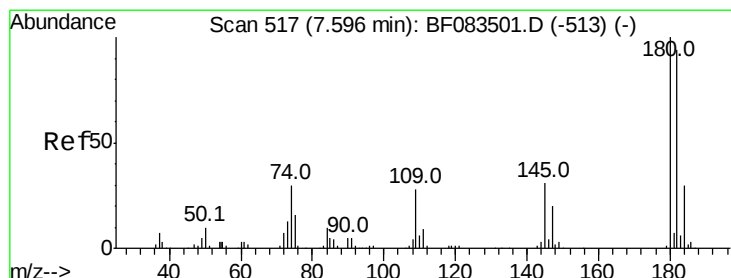
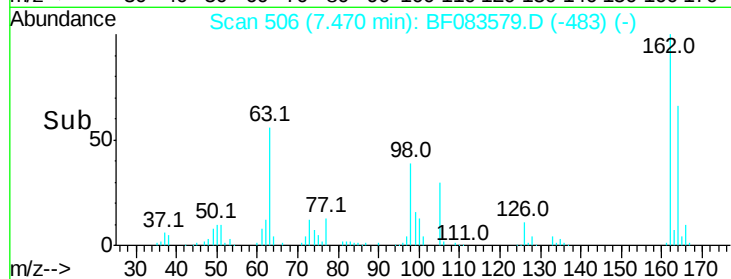
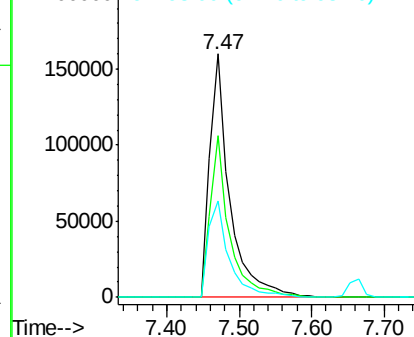
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 307178 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 66.3  | 43.4  | 83.4   |
| 98        | 39.4  | 17.5  | 57.5   |

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



#30

1,2,4-Trichlorobenzene

Concen: 42.36 ng

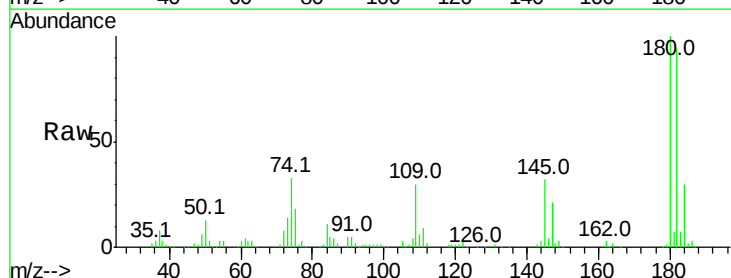
RT: 7.55 min Scan# 513

Delta R.T. -0.05 min

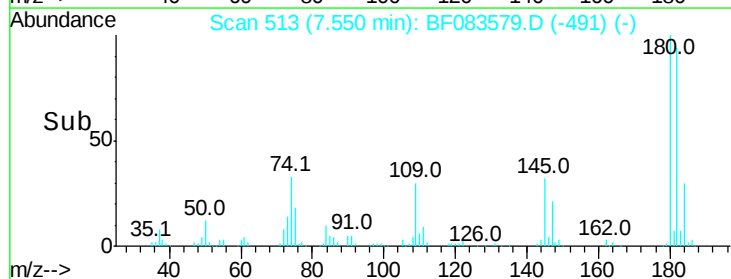
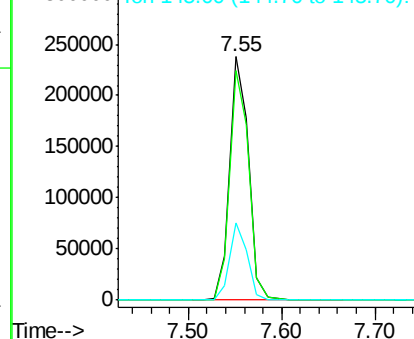
Lab File: BF083579.D

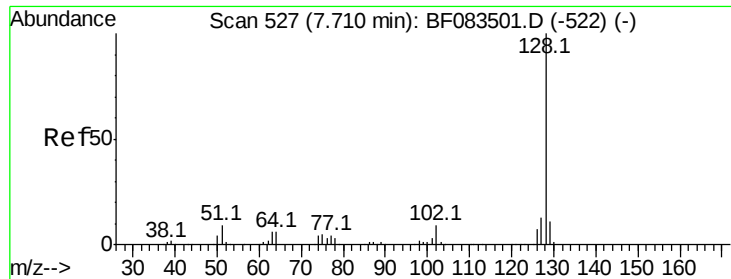
Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 335174 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 74.9  | 112.3  |
| 145       | 31.7  | 24.7  | 37.1   |



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





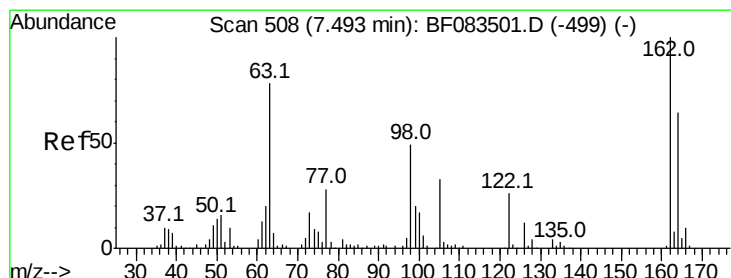
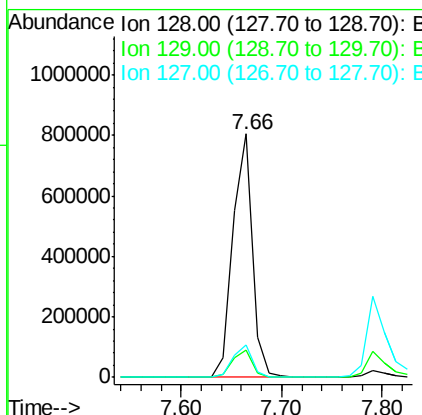
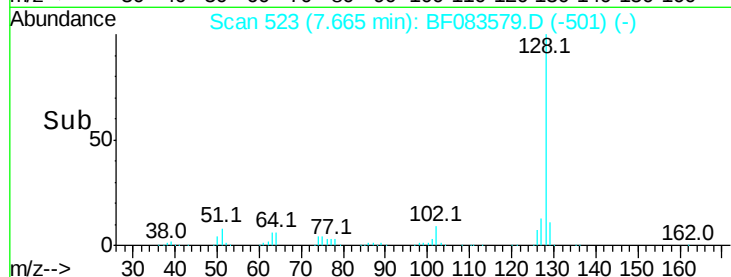
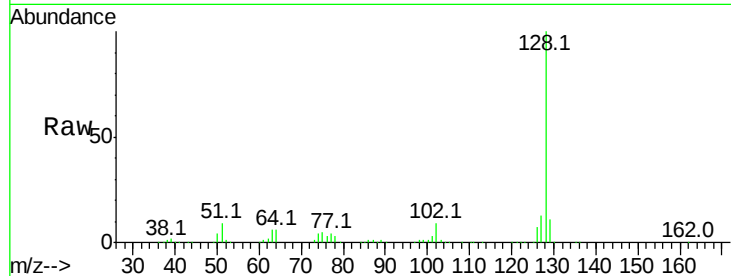
#31  
Naphthalene  
Concen: 42.47 ng  
RT: 7.66 min Scan# 523  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 1090800  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 13.0  
127 13.5 10.6 16.0

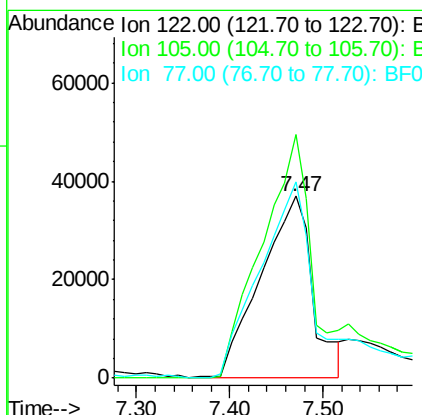
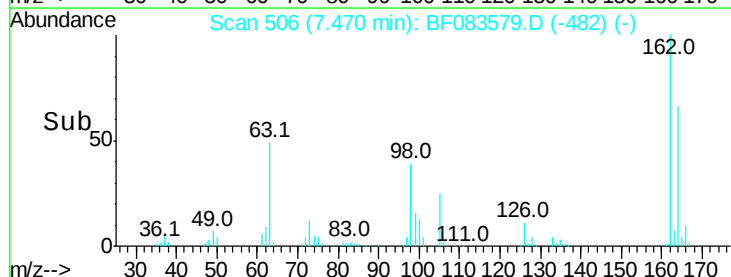
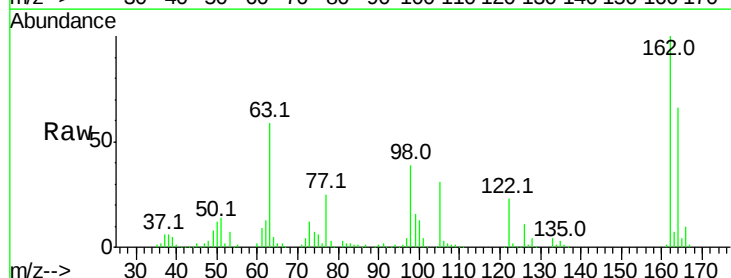
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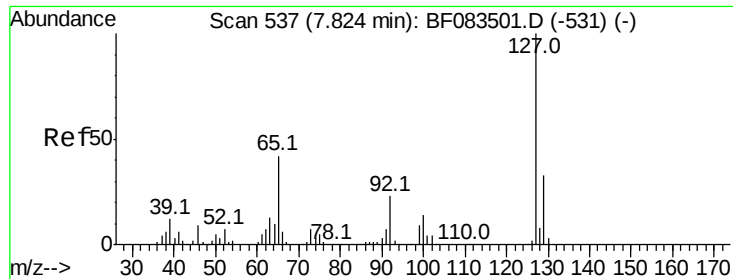
Mmdadoda  
12/8/2015 6:15:45 PM



#32  
Benzoic acid  
Concen: 33.20 ng  
RT: 7.47 min Scan# 506  
Delta R.T. -0.02 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Tgt Ion:122 Resp: 143362  
Ion Ratio Lower Upper  
122 100  
105 134.1 105.6 145.6  
77 107.9 86.8 126.8





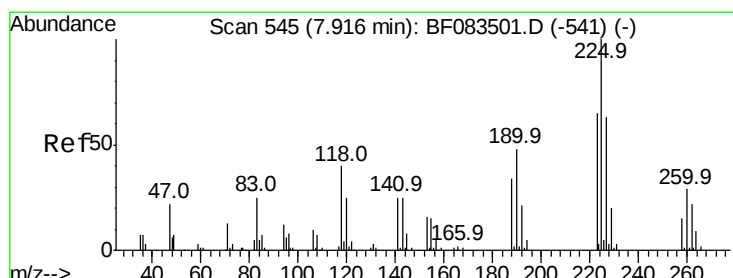
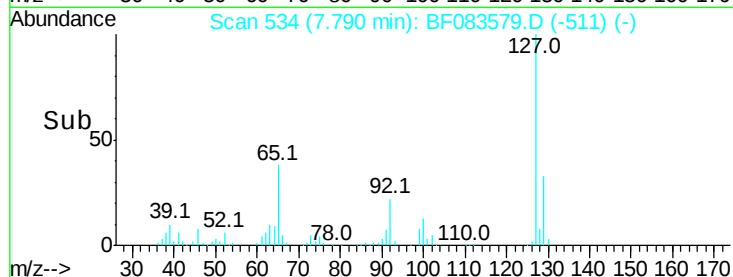
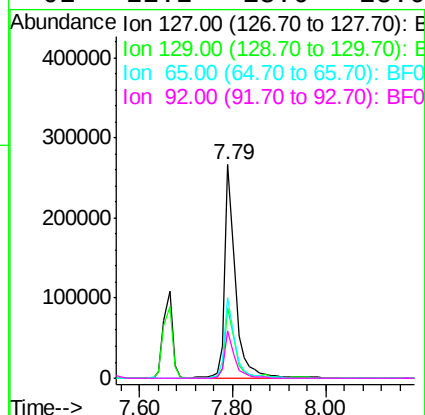
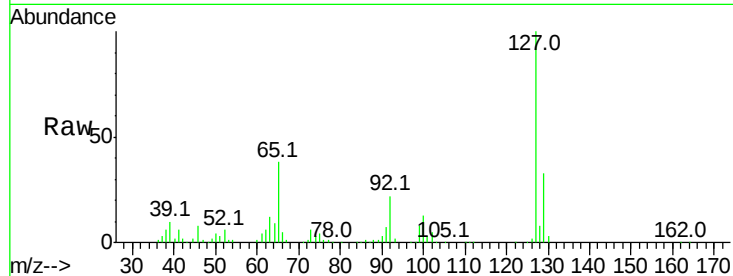
#33  
4-Chloroaniline  
Concen: 40.66 ng  
RT: 7.79 min Scan# 534  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.7 | 26.1  | 39.1 |       |       |
| 65      | 37.9 | 33.5  | 50.3 |       |       |
| 92      | 22.2 | 18.6  | 28.0 |       |       |

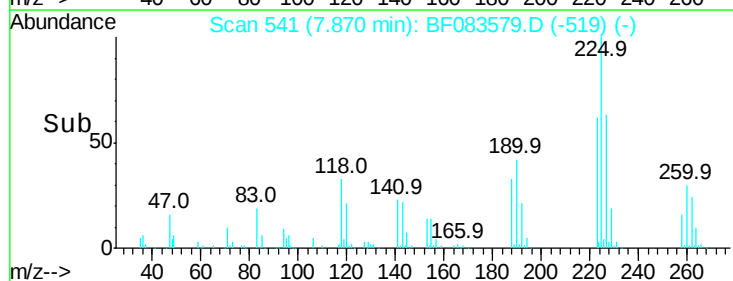
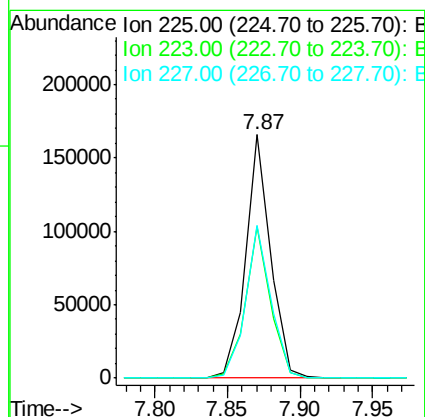
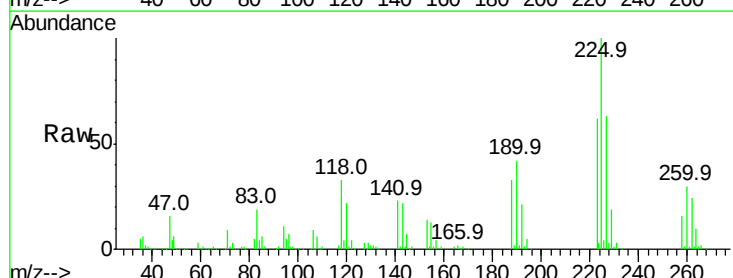
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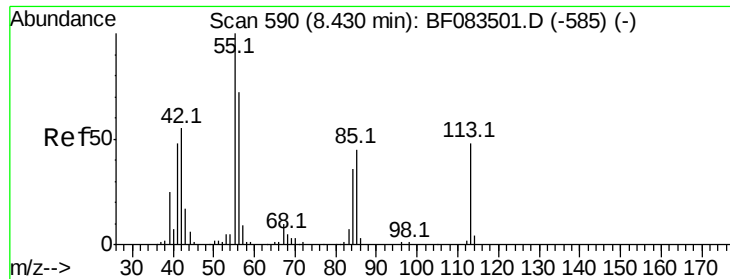
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12/8/2015 6:15:45 PM



#34  
Hexachlorobutadiene  
Concen: 42.23 ng  
RT: 7.87 min Scan# 541  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.3 | 52.3  | 78.5 |       |       |
| 227     | 62.7 | 50.4  | 75.6 |       |       |





#35

Caprolactam

Concen: 40.52 ng

RT: 8.41 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

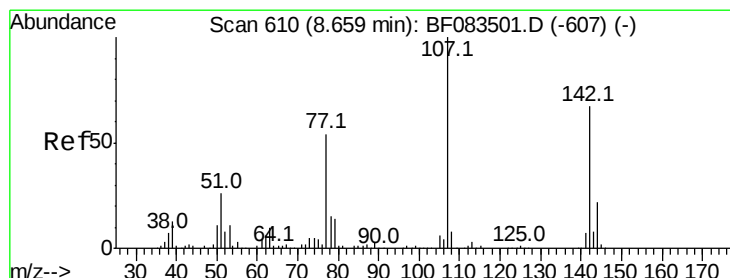
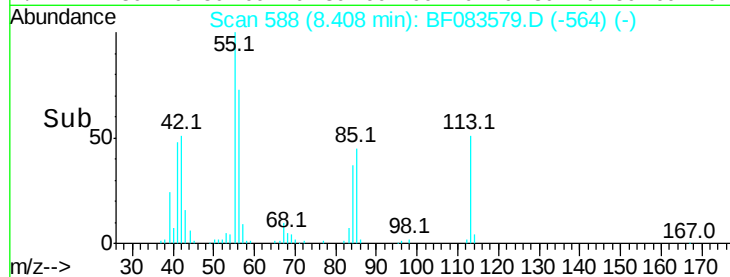
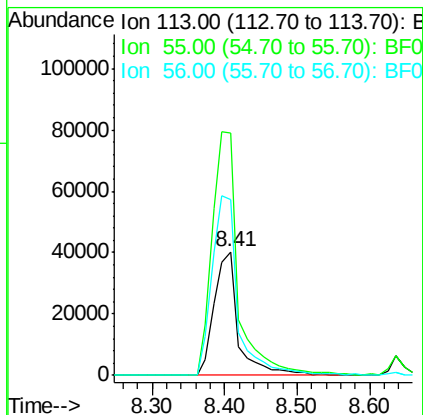
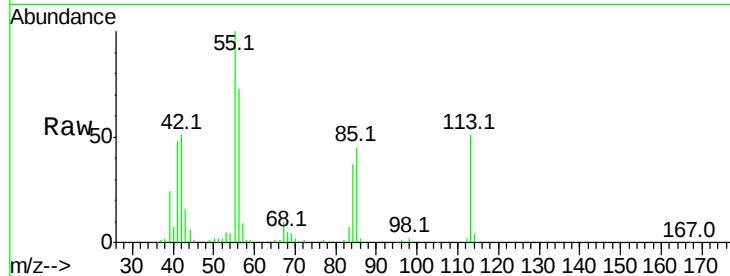
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 92250 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 196.1 | 189.7 | 229.7 |
| 56        | 142.5 | 130.7 | 170.7 |

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#36

4-Chloro-3-methylphenol

Concen: 39.69 ng

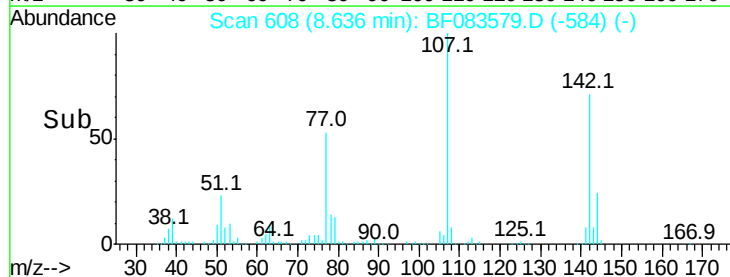
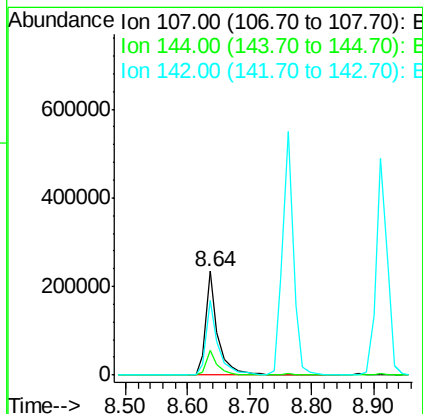
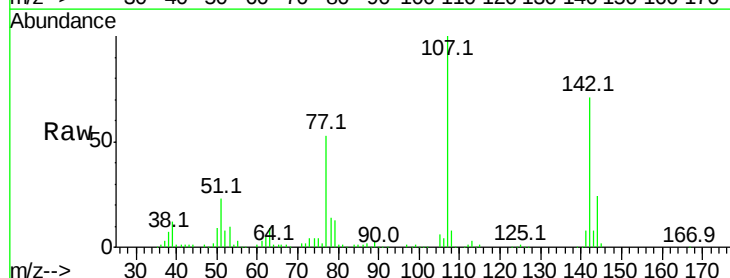
RT: 8.64 min Scan# 608

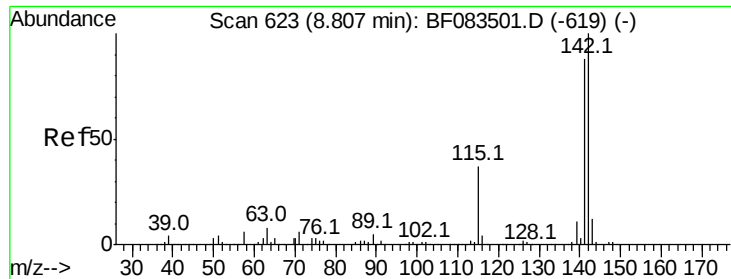
Delta R.T. -0.02 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 319726 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 23.6  | 17.5  | 26.3   |
| 142       | 71.2  | 53.6  | 80.4   |





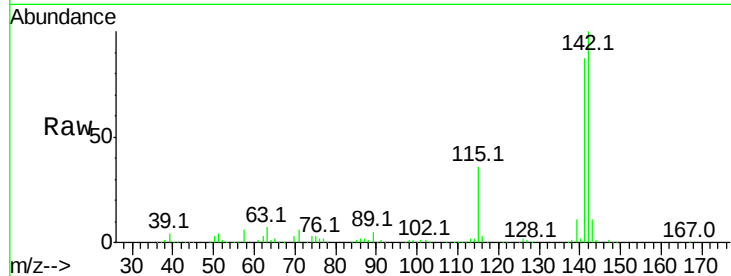
#37  
2-Methylnaphthalene  
Concen: 41.58 ng  
RT: 8.76 min Scan# 619  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

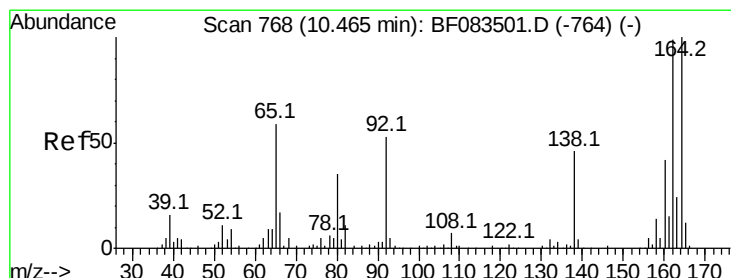
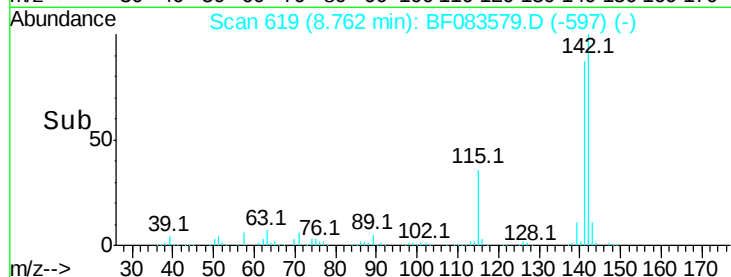
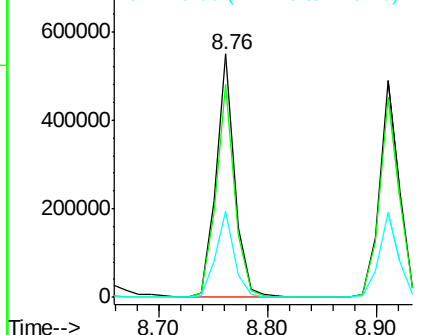
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 660392 |       |       |
| 141     | 87.4  |        | 70.3  | 105.5 |
| 115     | 35.6  |        | 29.2  | 43.8  |

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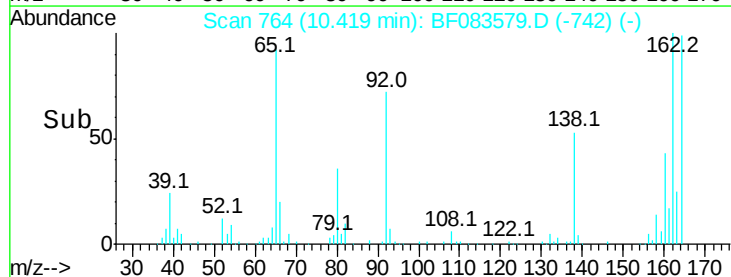
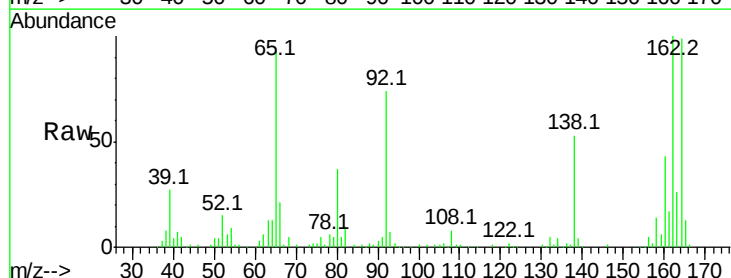
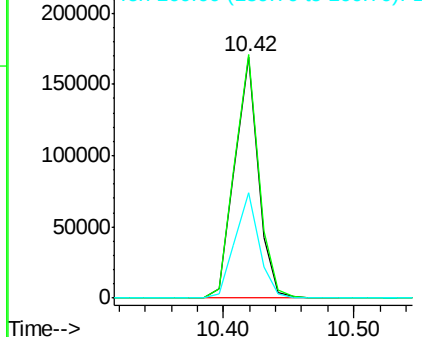
Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

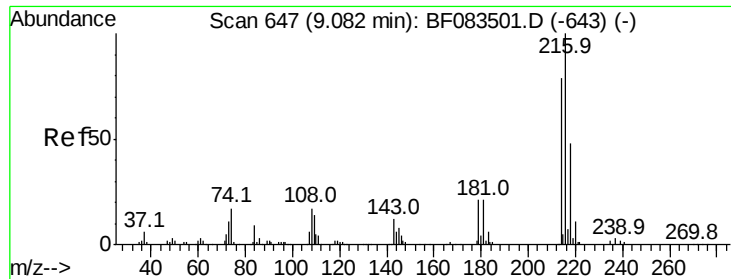


#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.42 min Scan# 764  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 212512 |       |       |
| 162     | 100.9 |        | 78.8  | 118.2 |
| 160     | 43.4  |        | 33.4  | 50.2  |

Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.45 ng

RT: 9.04 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 317577  
Ion Ratio Lower Upper

216 100

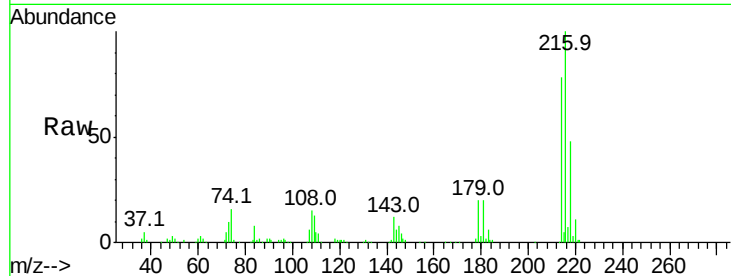
214 79.5 0.0 0.0#

179 20.9 0.0 0.0#

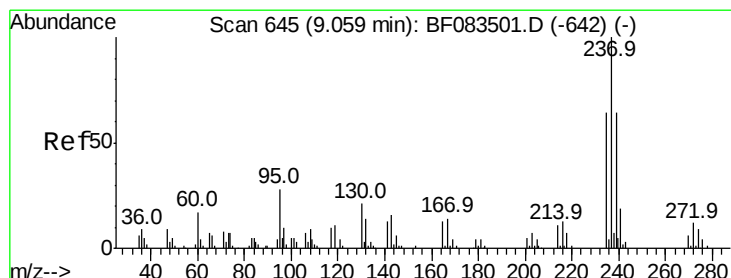
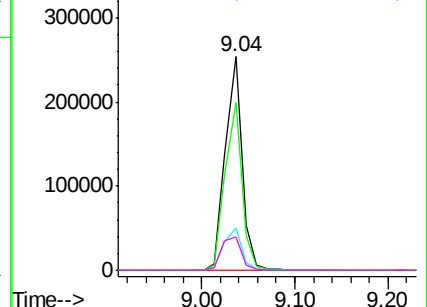
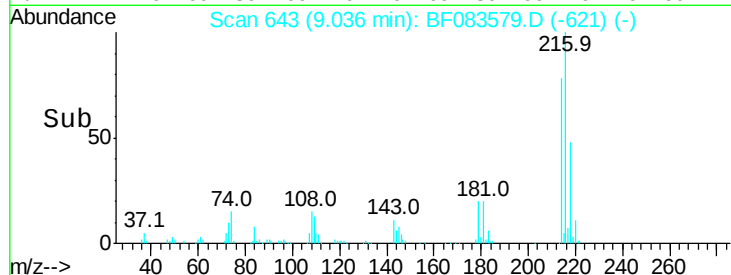
108 18.3 0.0 0.0#

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Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 10.84 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.04 min

Lab File: BF083579.D

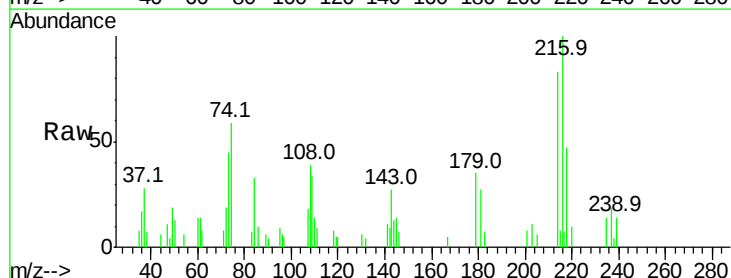
Acq: 8 Dec 2015 3:13

Tgt Ion:237 Resp: 1492  
Ion Ratio Lower Upper

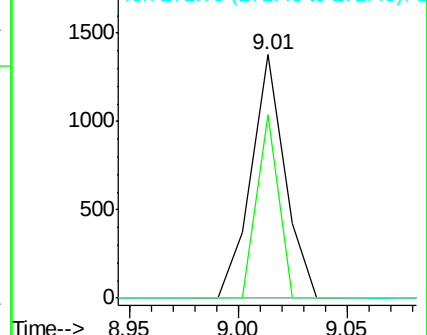
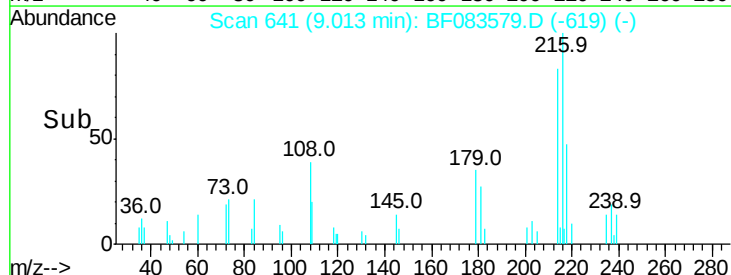
237 100

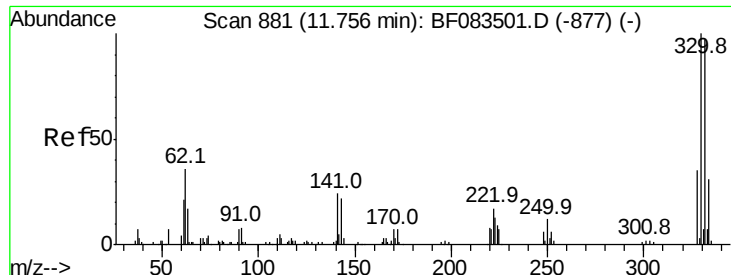
235 75.5 43.9 83.9

272 0.0 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E





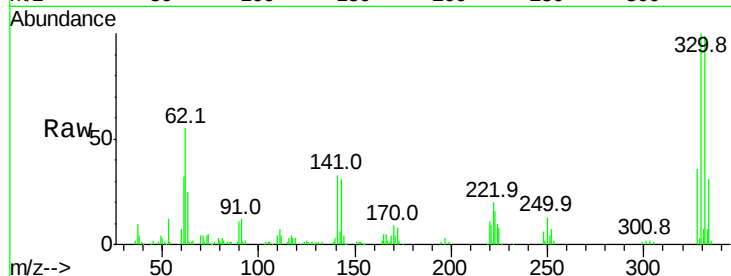
#41  
 2,4,6-Tribromophenol  
 Concen: 75.73 ng  
 RT: 11.71 min Scan# 877  
 Delta R.T. -0.05 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 98.9  | 0.0        | 0.0#  |
| 141     | 37.9  | 0.0        | 0.0#  |

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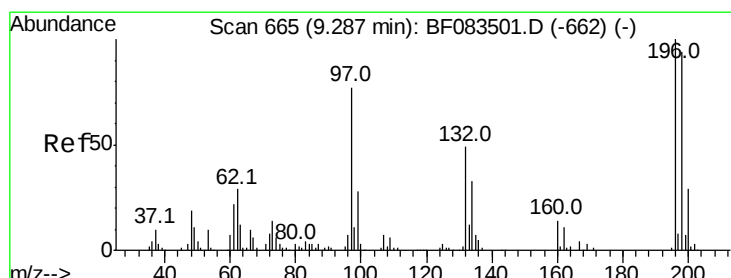
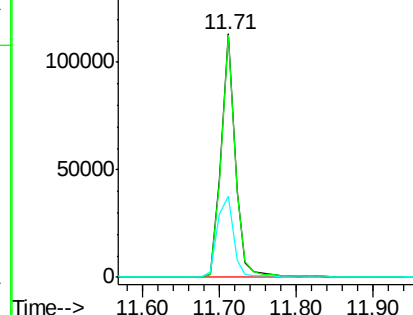
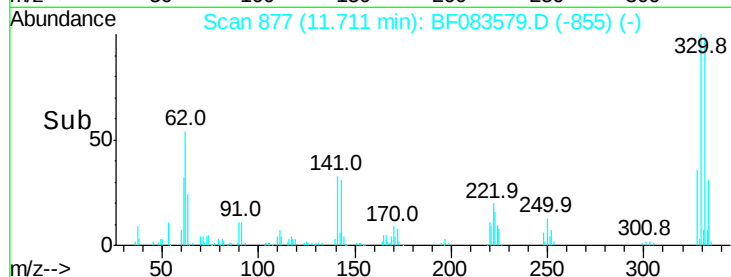


Abundance

Ion 329.80 (329.50 to 330.50): E

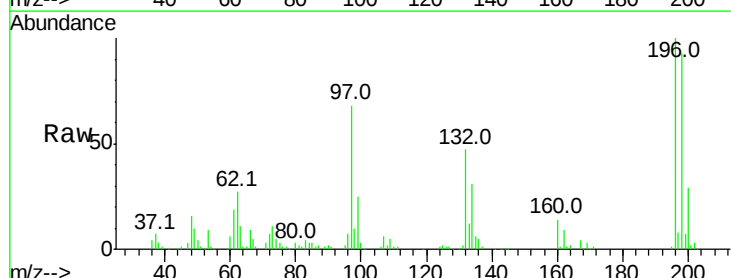
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 44.87 ng  
 RT: 9.25 min Scan# 662  
 Delta R.T. -0.03 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 93.4  | 75.2       | 112.8 |
| 200     | 28.9  | 23.0       | 34.6  |

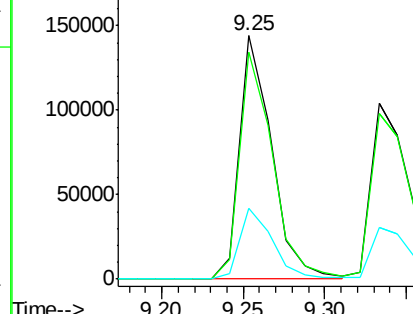
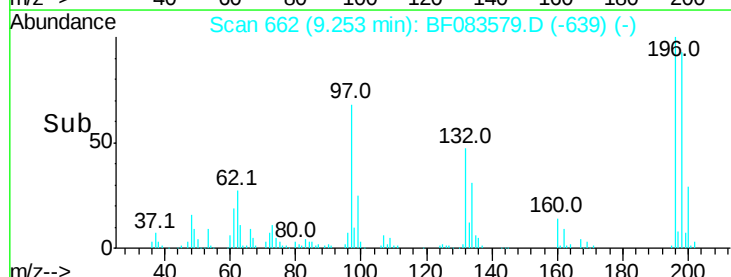


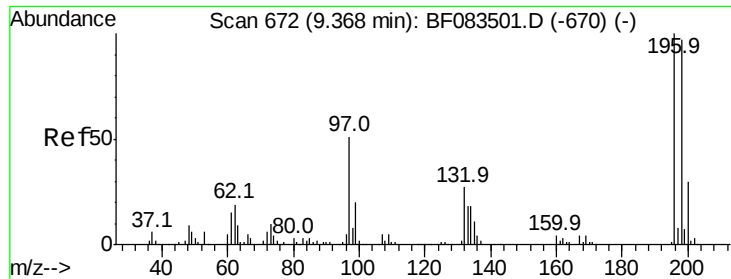
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





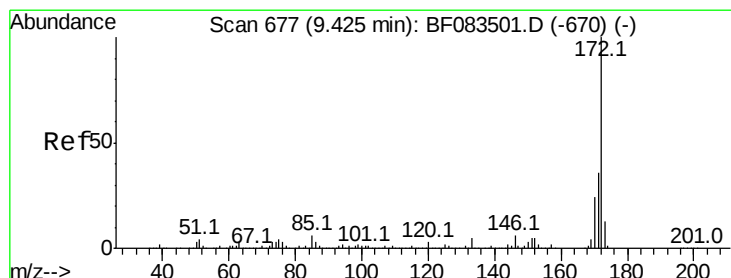
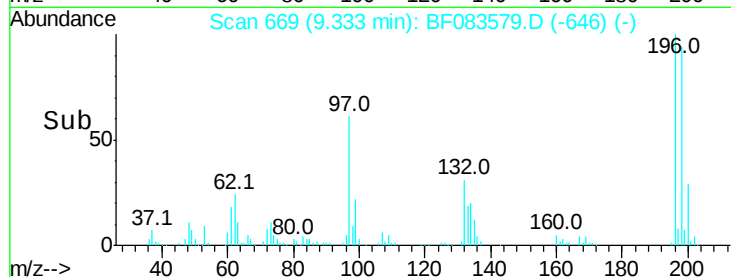
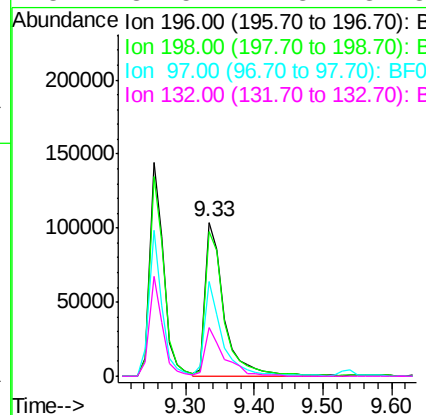
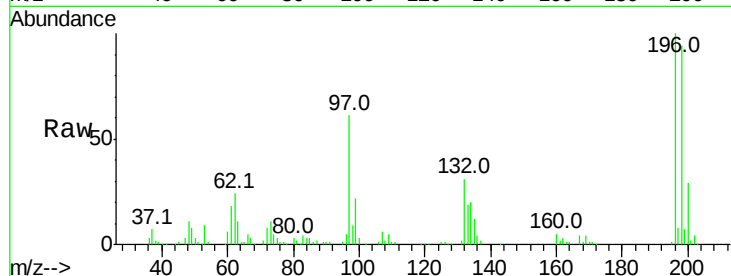
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.02 ng  
 RT: 9.33 min Scan# 669  
 Delta R.T. -0.03 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 196  | Resp: | 194410 |
| Ion Ratio |      | Lower | Upper  |
| 196       | 100  |       |        |
| 198       | 94.2 | 77.7  | 116.5  |
| 97        | 61.3 | 41.2  | 61.8   |
| 132       | 31.5 | 21.8  | 32.8   |

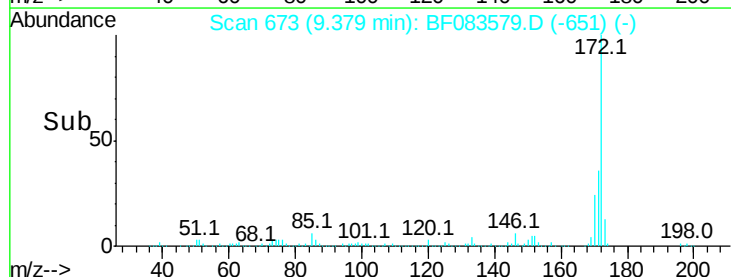
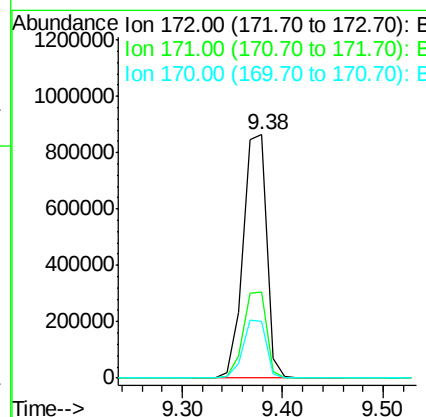
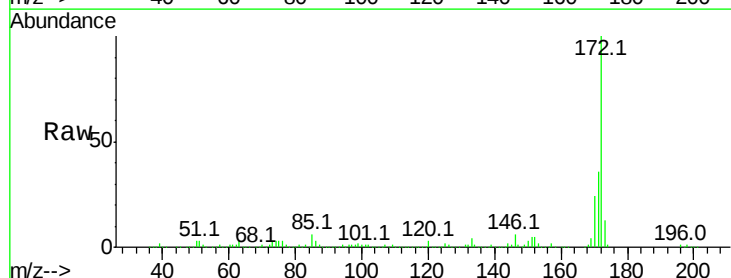
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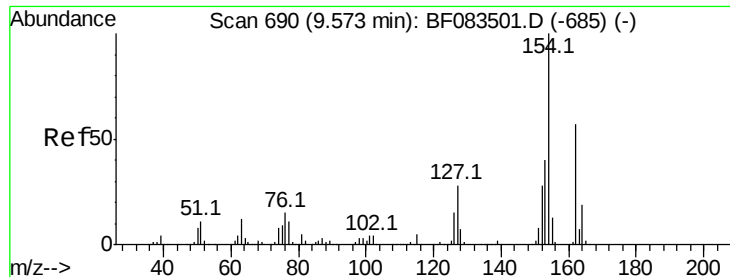
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#44  
 2-Fluorobiphenyl  
 Concen: 89.59 ng  
 RT: 9.38 min Scan# 673  
 Delta R.T. -0.05 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 172  | Resp: | 1403752 |
| Ion Ratio |      | Lower | Upper   |
| 172       | 100  |       |         |
| 171       | 35.5 | 28.6  | 42.8    |
| 170       | 23.6 | 19.4  | 29.0    |





#45

1,1'-Biphenyl

Concen: 44.15 ng

RT: 9.52 min Scan# 685

Delta R.T. -0.06 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

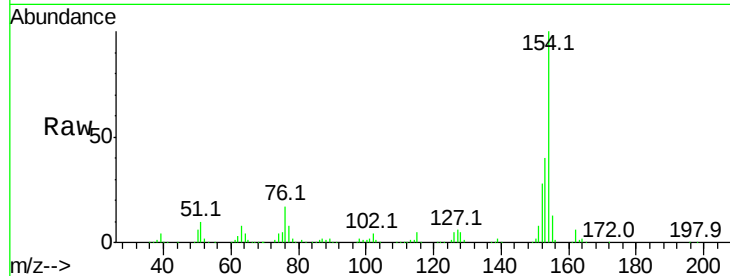
ClientSampleId :

SSTDCCC040

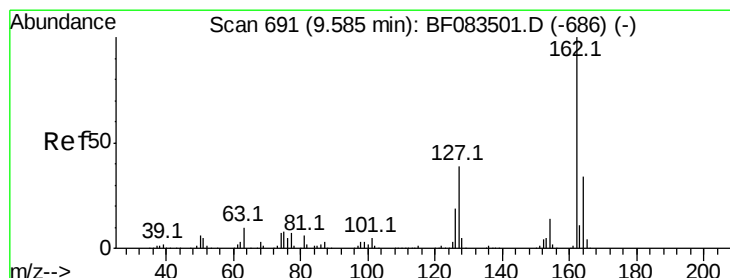
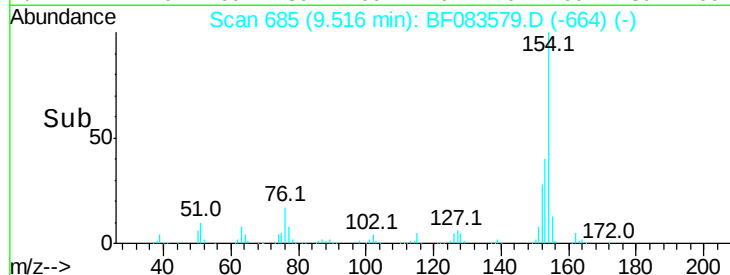
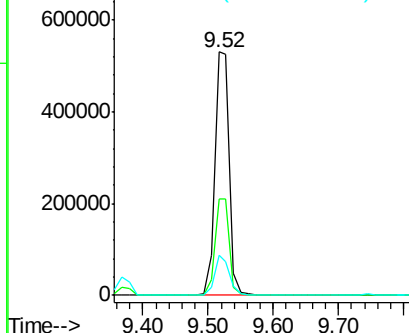
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 833652 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.7  | 20.2  | 60.2   |
| 76        | 16.5  | 0.0   | 34.8   |

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



#46

2-Chloronaphthalene

Concen: 43.88 ng

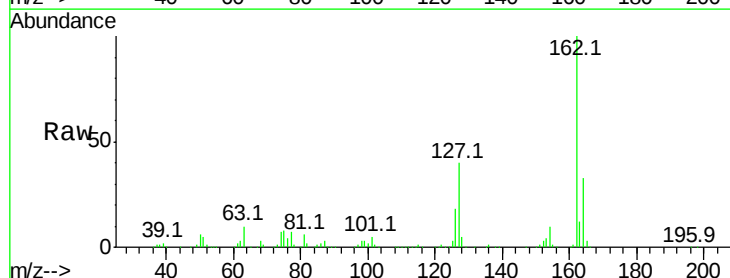
RT: 9.54 min Scan# 687

Delta R.T. -0.05 min

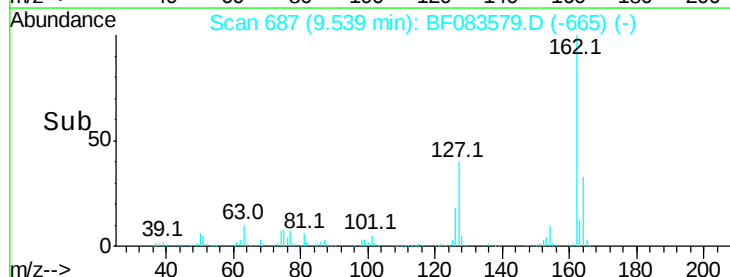
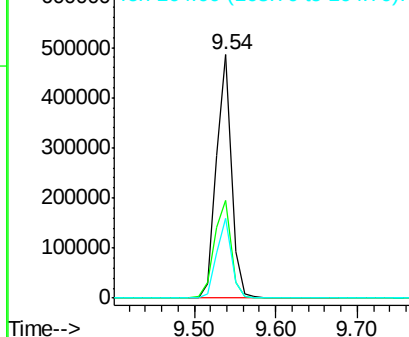
Lab File: BF083579.D

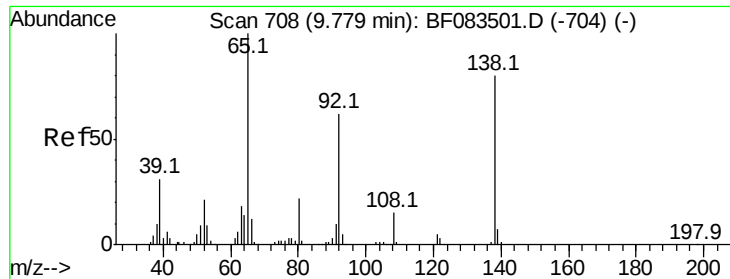
Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 624400 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.0  | 31.0  | 46.4   |
| 164       | 33.0  | 27.4  | 41.0   |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





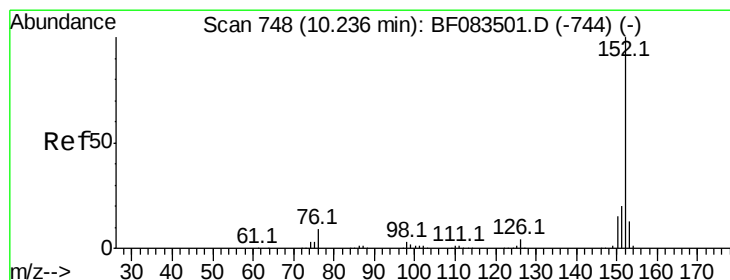
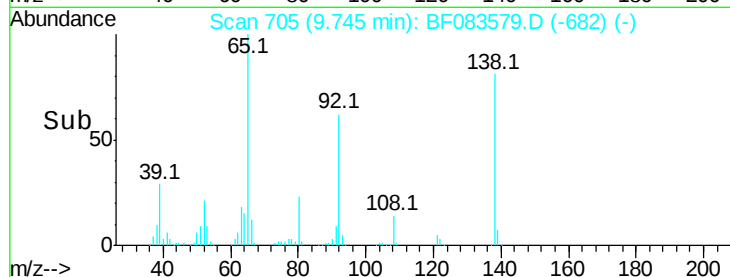
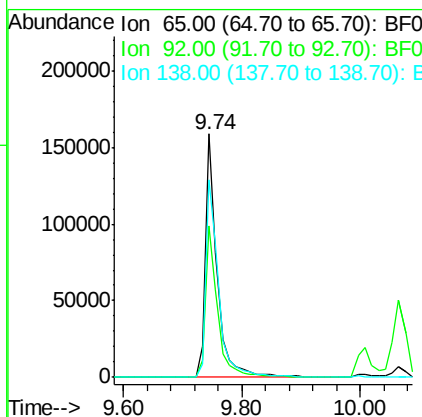
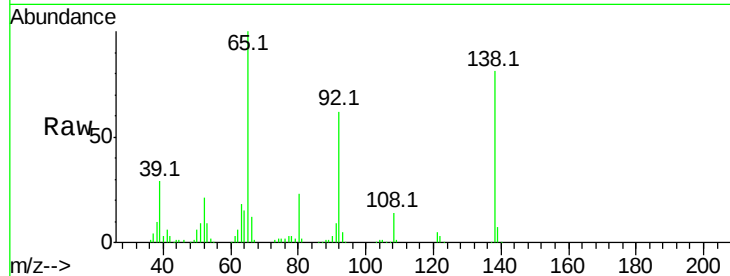
#47  
2-Nitroaniline  
Concen: 43.76 ng  
RT: 9.74 min Scan# 705  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.1  | 49.6  | 74.4  |
| 138     | 81.3  | 64.1  | 96.1  |

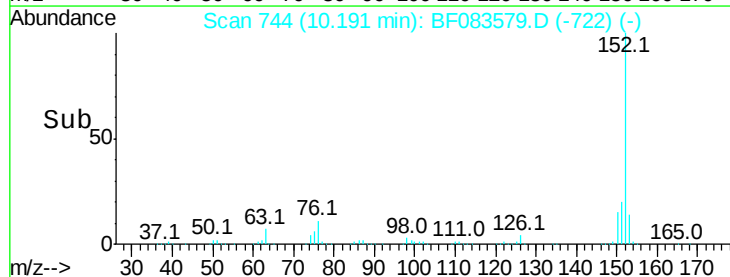
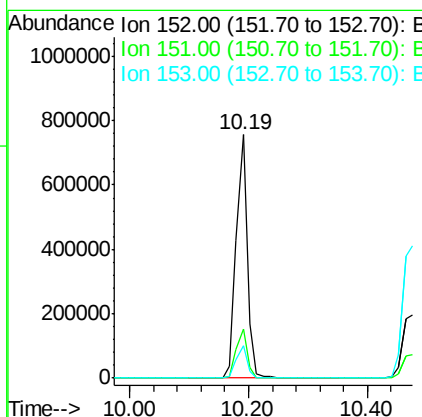
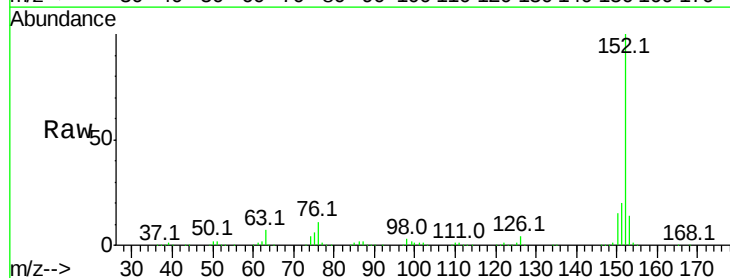
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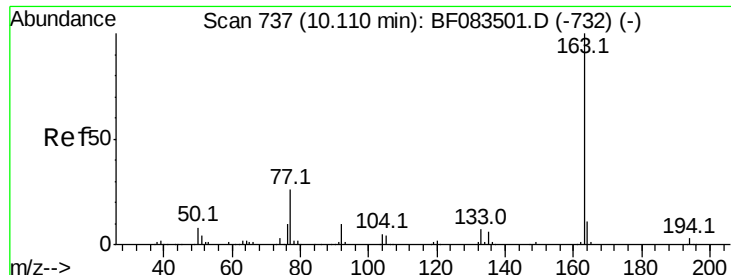
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#48  
Acenaphthylene  
Concen: 41.91 ng  
RT: 10.19 min Scan# 744  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 16.3  | 24.5  |
| 153     | 13.5  | 10.8  | 16.2  |





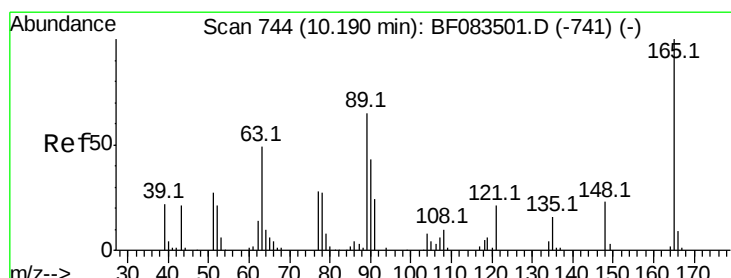
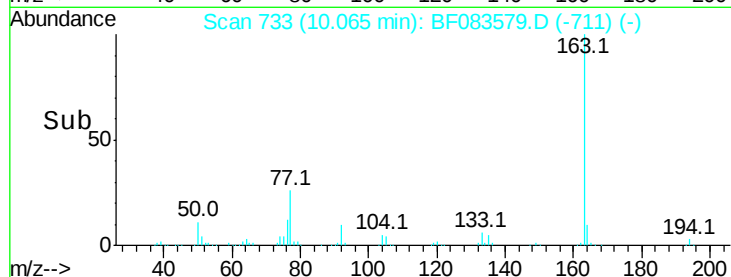
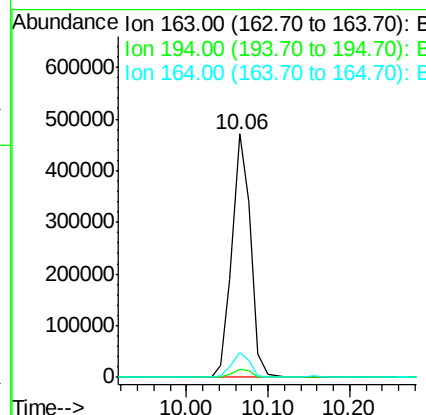
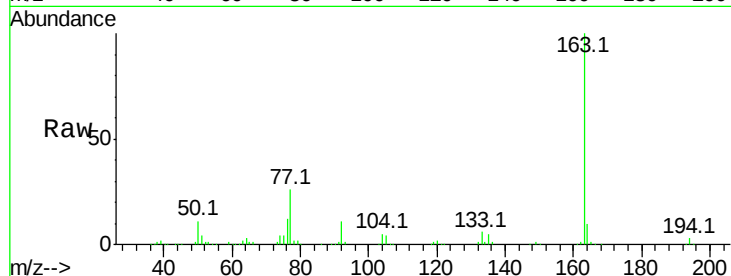
#49  
Dimethylphthalate  
Concen: 44.25 ng  
RT: 10.06 min Scan# 733  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 163     | 100   |            |       |
| 194     | 3.1   | 2.8        | 4.2   |
| 164     | 10.4  | 8.6        | 13.0  |

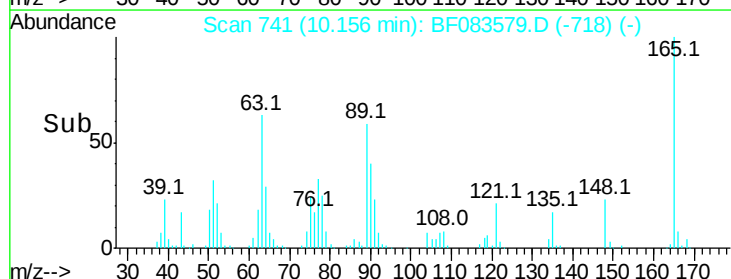
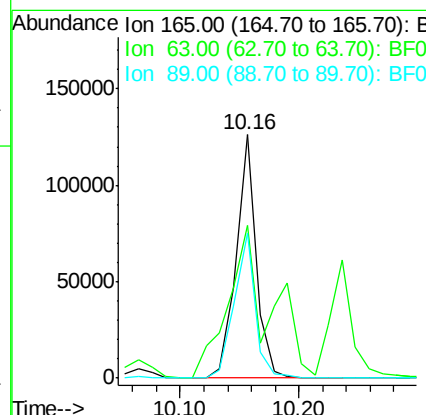
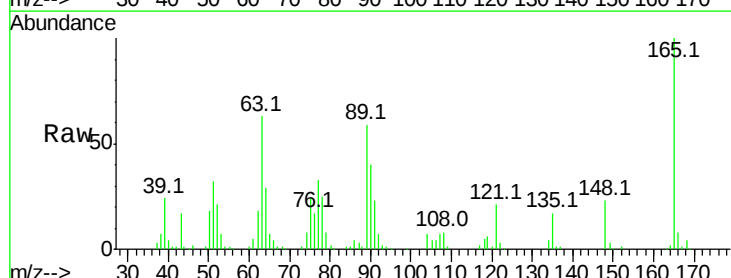
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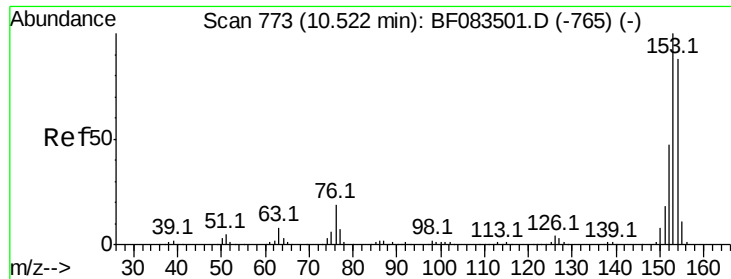
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#50  
2,6-Dinitrotoluene  
Concen: 41.90 ng  
RT: 10.16 min Scan# 741  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 63.0  | 56.9       | 85.3  |
| 89      | 59.4  | 52.1       | 78.1  |





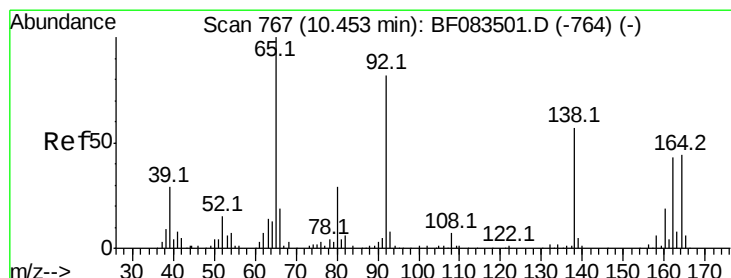
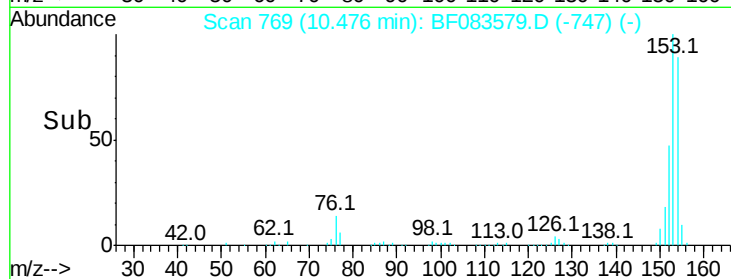
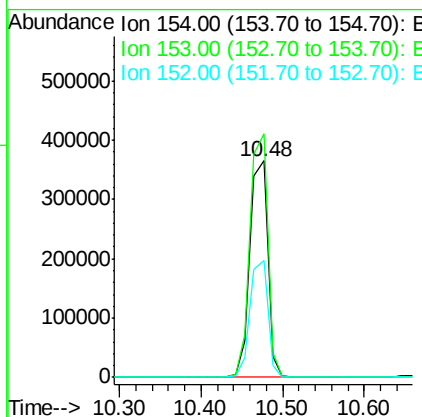
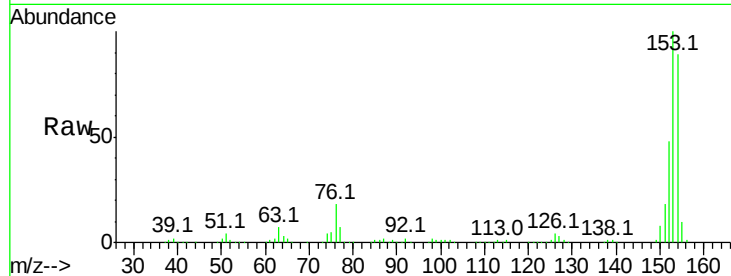
#51  
Acenaphthene  
Concen: 41.64 ng  
RT: 10.48 min Scan# 769  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.5 | 91.4  | 137.0 |
| 152     | 54.2  | 43.4  | 65.2  |

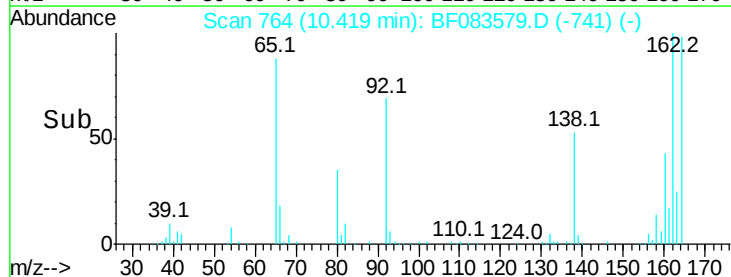
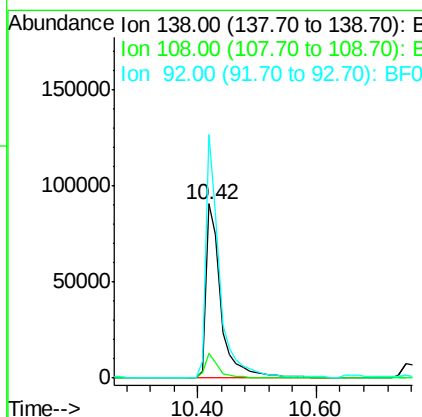
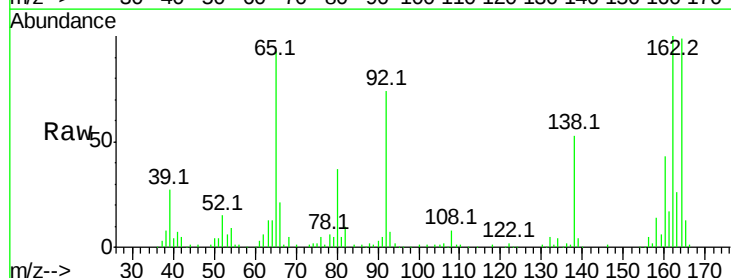
Manual Integrations  
APPROVED

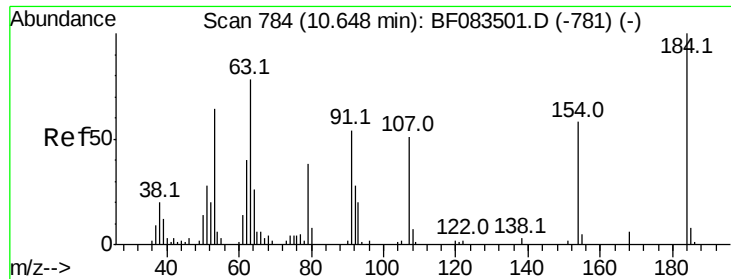
Mmdadoda  
12/8/2015 6:15:45 PM



#52  
3-Nitroaniline  
Concen: 42.14 ng  
RT: 10.42 min Scan# 764  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 14.4  | 9.9   | 14.9  |
| 92      | 139.7 | 113.8 | 170.8 |





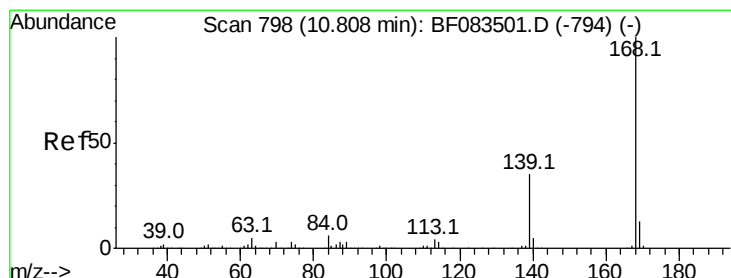
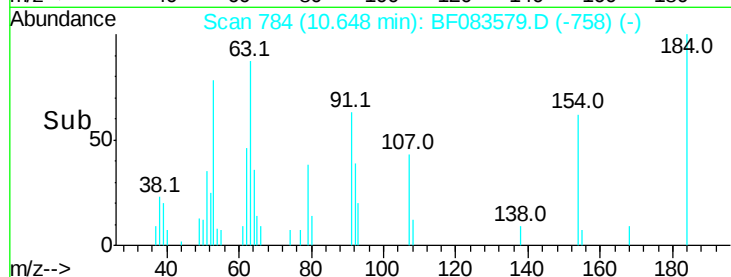
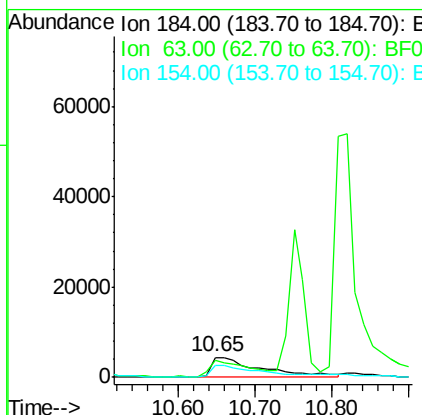
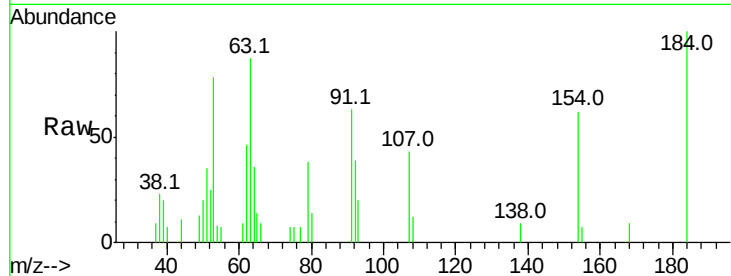
#53  
 2,4-Dinitrophenol  
 Concen: 17.64 ng  
 RT: 10.65 min Scan# 784  
 Delta R.T. 0.00 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 87.1  | 62.4 | 93.6  |       |
| 154     | 62.3  | 46.6 | 69.8  |       |

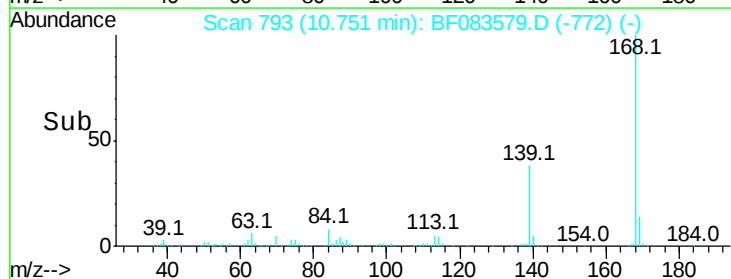
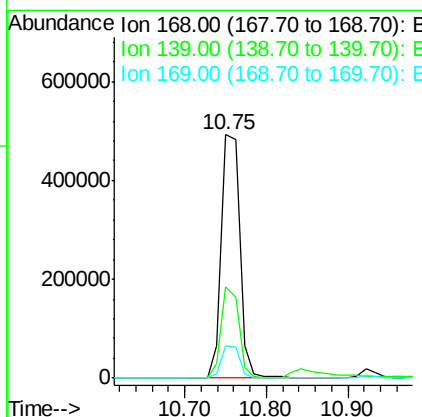
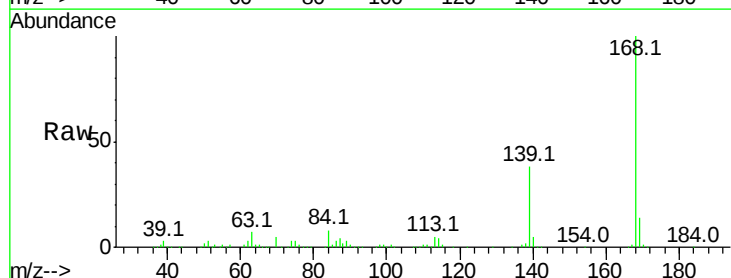
Manual Integrations  
 APPROVED

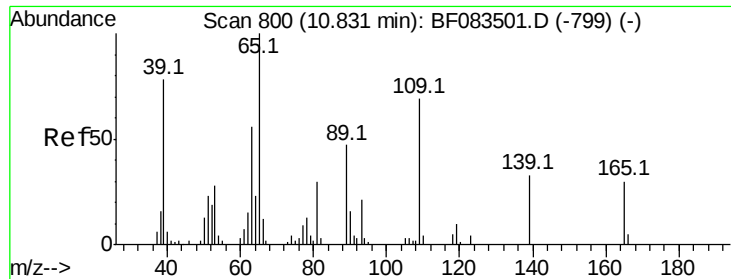
Mmdadoda  
 12/8/2015 6:15:45 PM



#54  
 Dibenzofuran  
 Concen: 41.80 ng  
 RT: 10.75 min Scan# 793  
 Delta R.T. -0.06 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 37.5  | 28.0 | 42.0  |       |
| 169     | 13.6  | 10.8 | 16.2  |       |





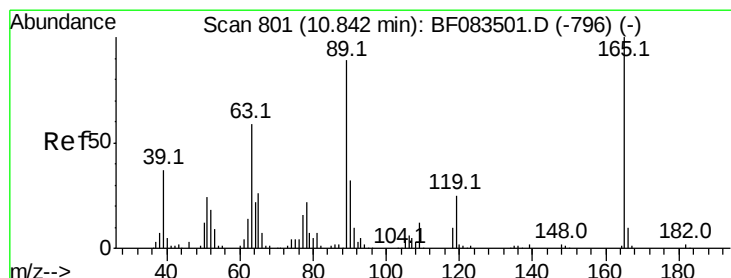
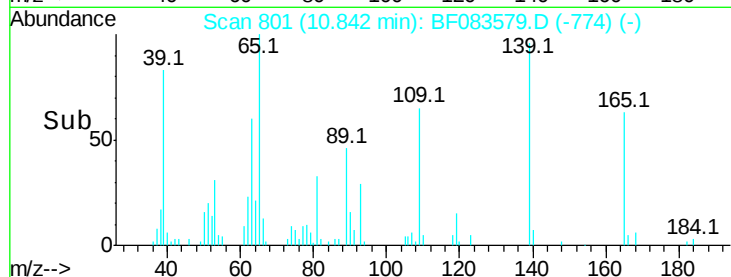
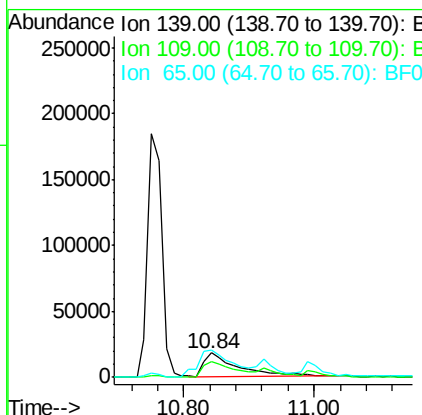
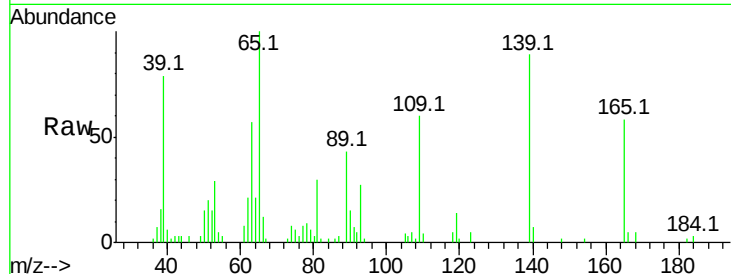
#55  
4-Nitrophenol  
Concen: 31.49 ng  
RT: 10.84 min Scan# 801  
Delta R.T. 0.01 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 67.3  | 42.0 | 82.0  |       |
| 65      | 112.9 | 89.2 | 129.2 |       |

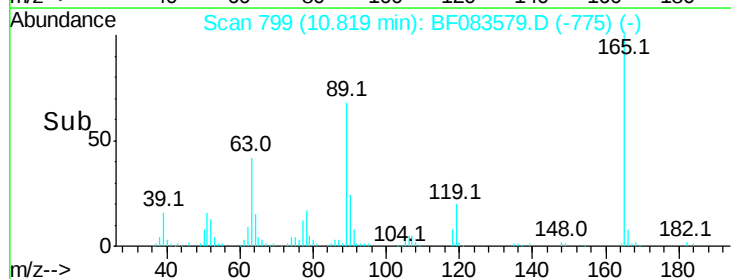
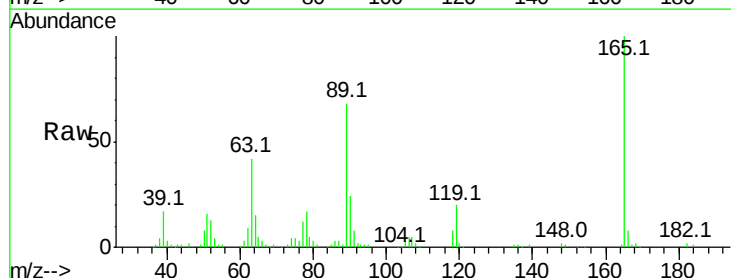
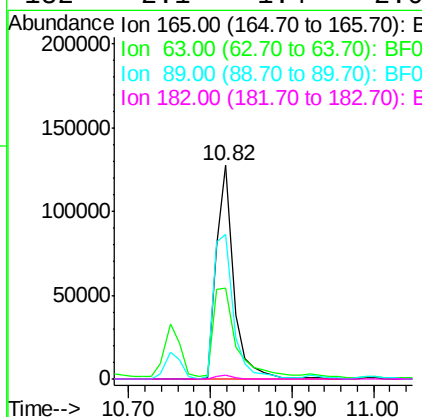
Manual Integrations  
APPROVED

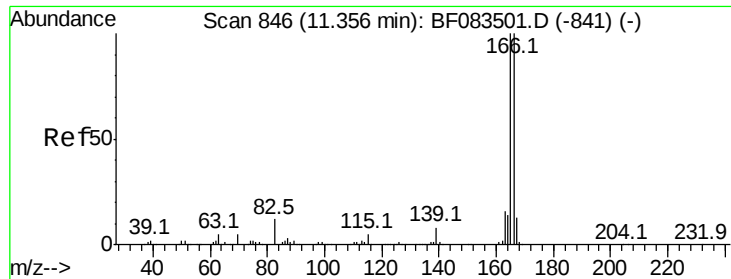
Mmdadoda  
12/8/2015 6:15:45 PM



#56  
2,4-Dinitrotoluene  
Concen: 40.71 ng  
RT: 10.82 min Scan# 799  
Delta R.T. -0.02 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 165     | 100   |      |        |       |
| 63      | 42.3  | 51.4 | 77.2#  |       |
| 89      | 67.5  | 72.6 | 108.8# |       |
| 182     | 2.1   | 1.4  | 2.0#   |       |





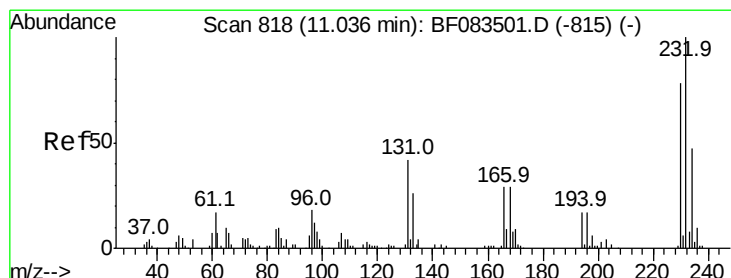
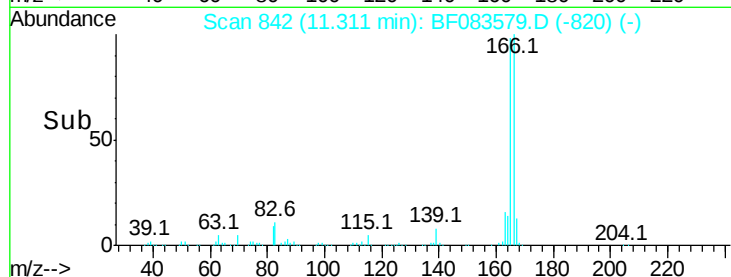
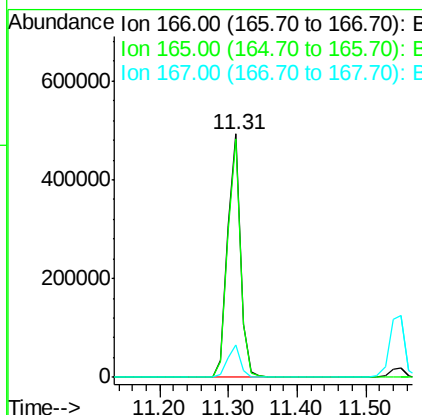
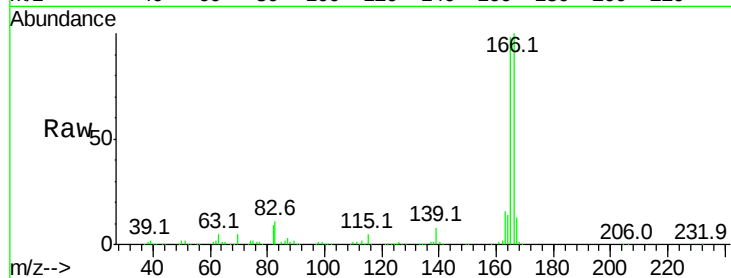
#57  
 Fluorene  
 Concen: 40.78 ng  
 RT: 11.31 min Scan# 842  
 Delta R.T. -0.05 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 659100 |       |       |
| 165     | 98.1  | 80.0   | 120.0 |       |
| 167     | 13.1  | 10.6   | 16.0  |       |

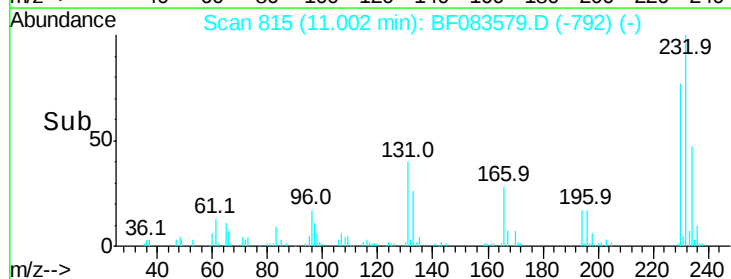
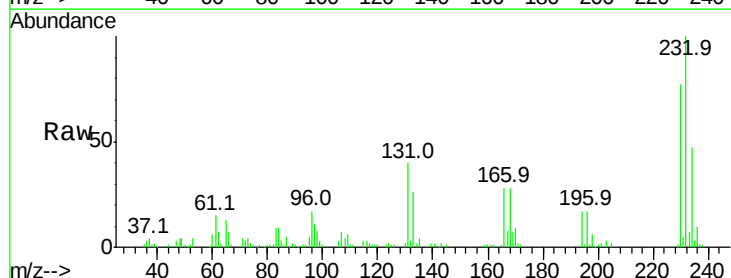
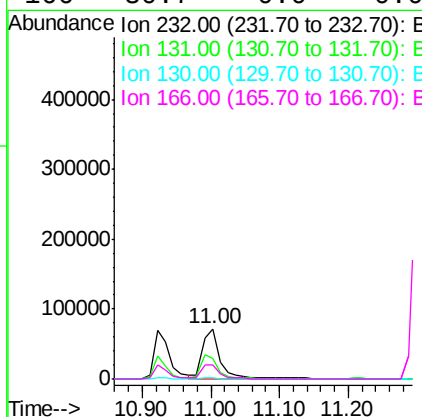
Manual Integrations  
 APPROVED

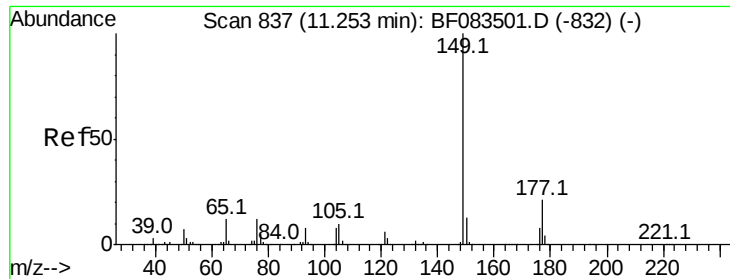
Mmdadoda  
 12/8/2015 6:15:45 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.50 ng  
 RT: 11.00 min Scan# 815  
 Delta R.T. -0.03 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 130144 |       |       |
| 131     | 47.0  | 0.0    | 0.0#  |       |
| 130     | 2.0   | 0.0    | 0.0#  |       |
| 166     | 30.7  | 0.0    | 0.0#  |       |





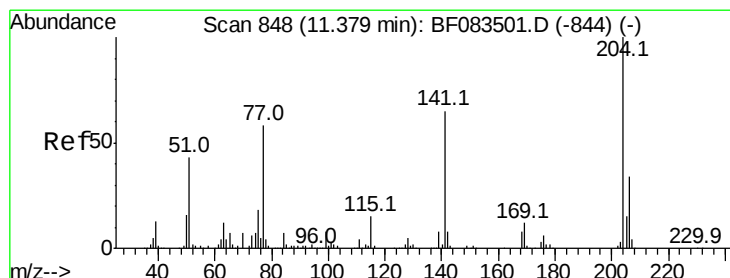
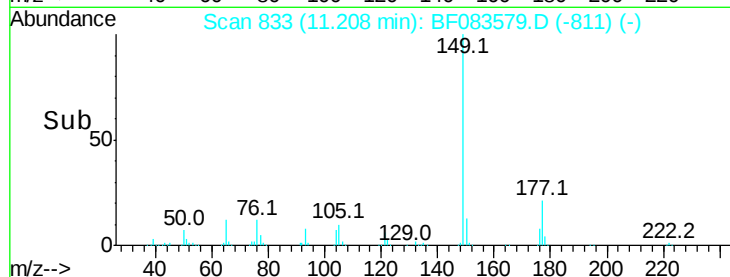
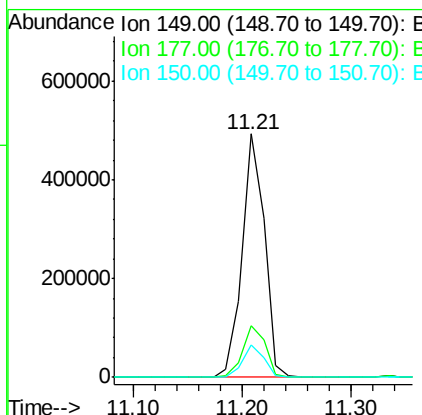
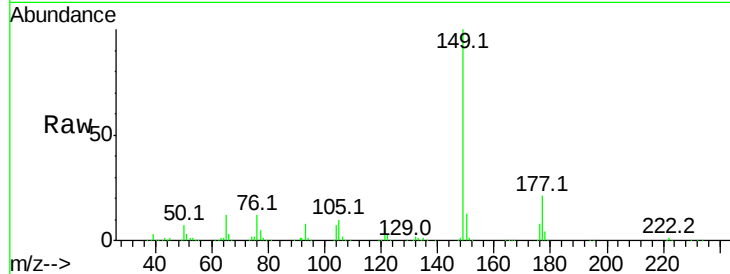
#59  
Diethylphthalate  
Concen: 43.33 ng  
RT: 11.21 min Scan# 833  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 177     | 21.3  | 16.9       | 25.3  |
| 150     | 13.1  | 10.2       | 15.4  |

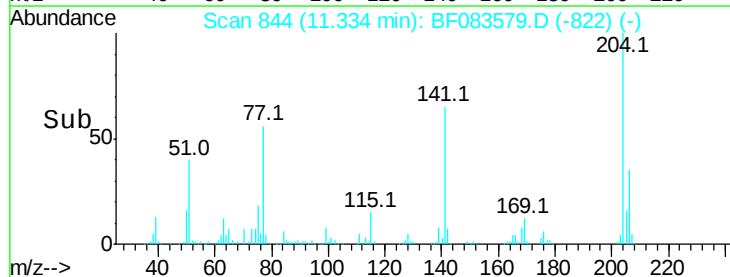
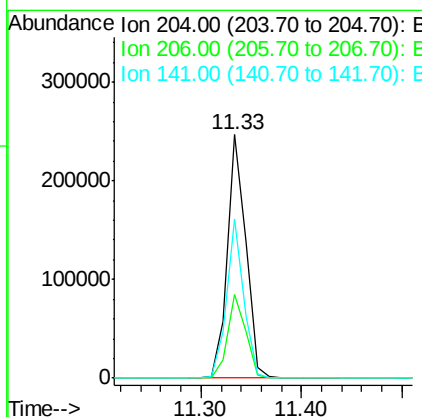
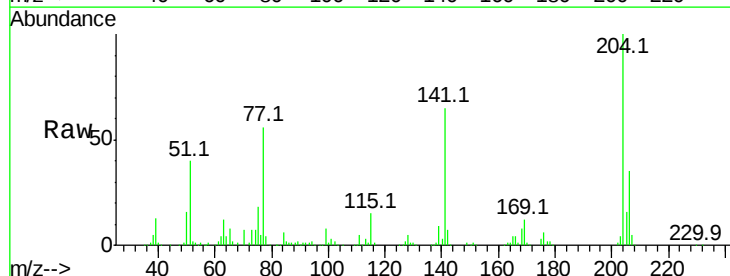
Manual Integrations  
APPROVED

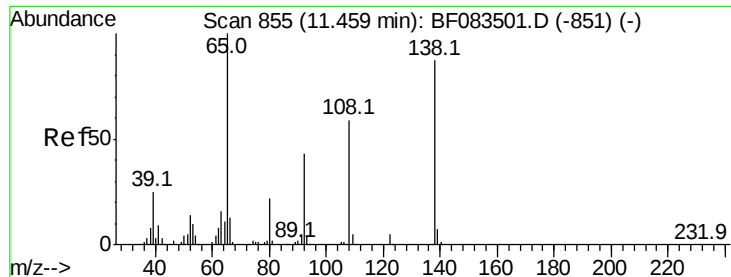
Mmdadoda  
12/8/2015 6:15:45 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 40.62 ng  
RT: 11.33 min Scan# 844  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 204     | 100   |            |       |
| 206     | 34.5  | 27.3       | 40.9  |
| 141     | 65.3  | 51.9       | 77.9  |





#61

4-Nitroaniline

Concen: 42.46 ng

RT: 11.42 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

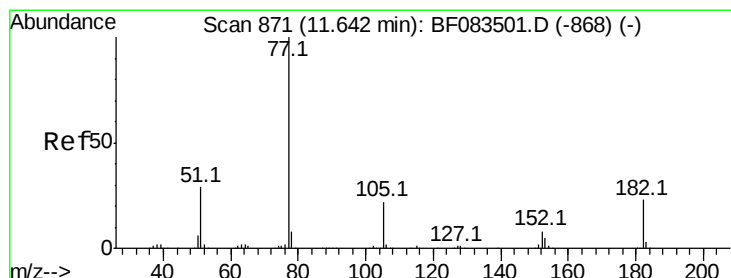
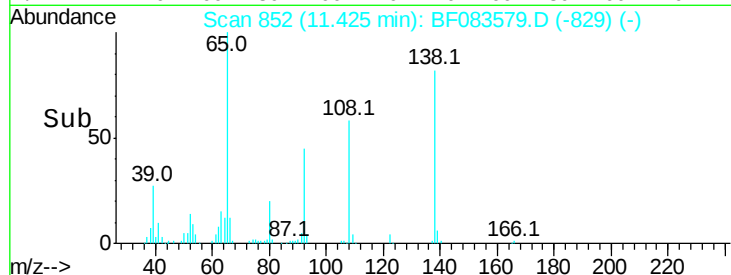
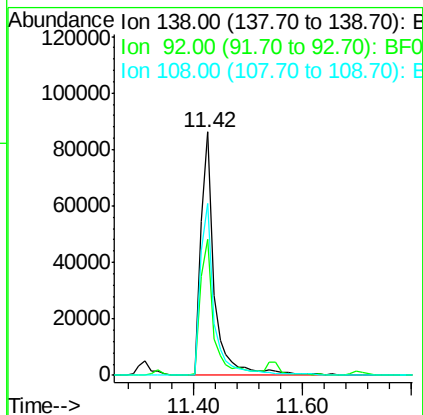
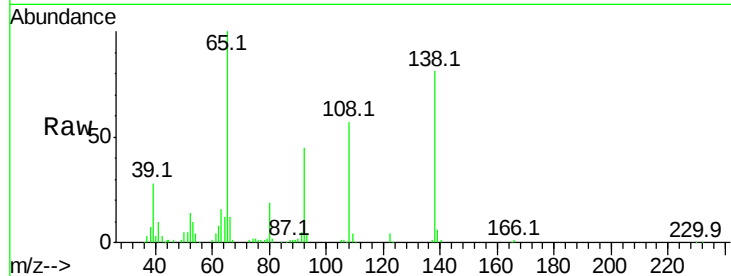
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 146067 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 55.8  | 29.0  | 69.0   |
| 108       | 70.6  | 47.4  | 87.4   |

Manual Integrations  
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#62

Azobenzene

Concen: 39.24 ng

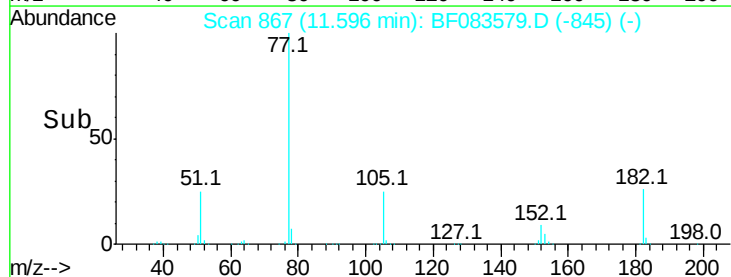
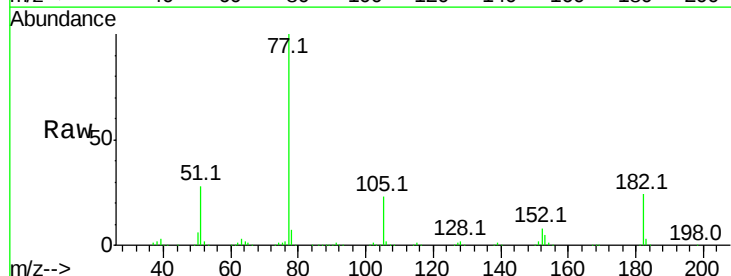
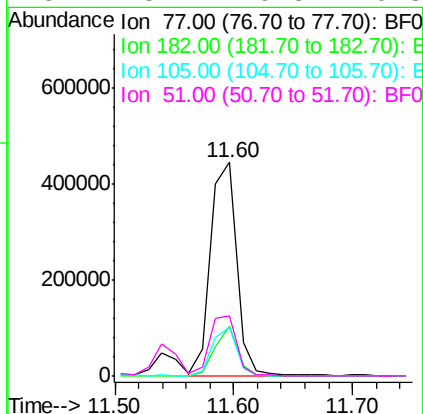
RT: 11.60 min Scan# 867

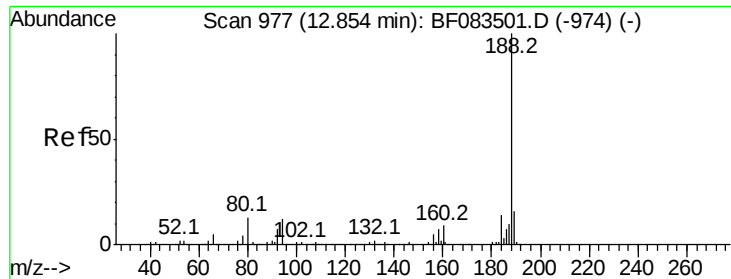
Delta R.T. -0.05 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 673947 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 23.6  | 2.5   | 42.5   |
| 105       | 22.8  | 2.1   | 42.1   |
| 51        | 28.4  | 9.3   | 49.3   |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.81 min Scan# 973

Delta R.T. -0.05 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

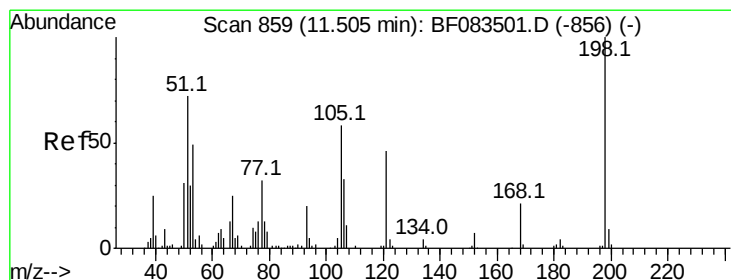
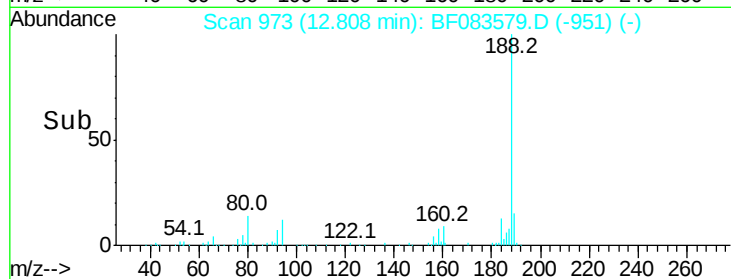
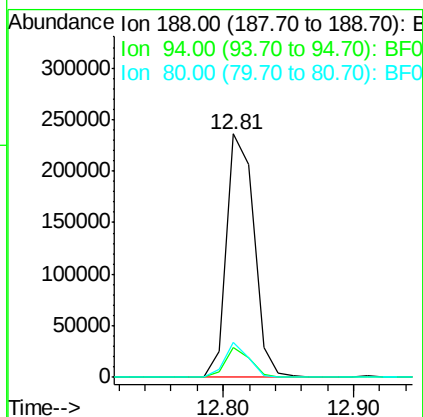
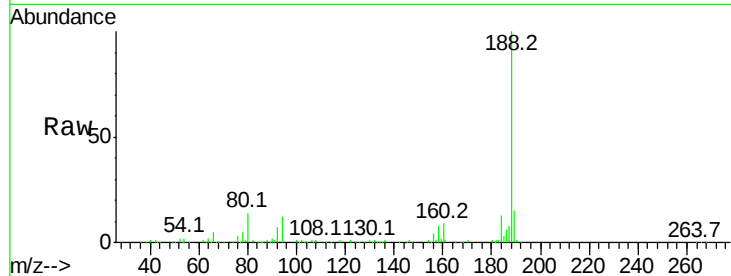
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 346278 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 12.1  | 9.4   | 14.2   |
| 80        | 14.2  | 10.6  | 16.0   |

Manual Integrations  
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12/8/2015 6:15:45 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 22.14 ng

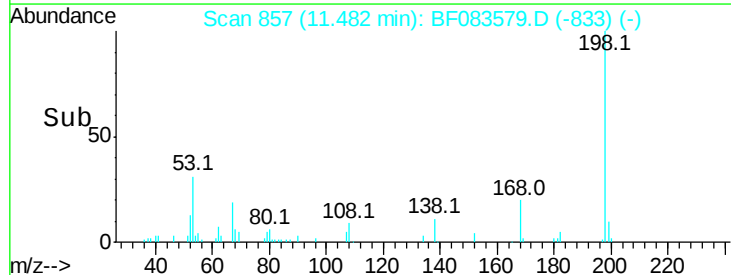
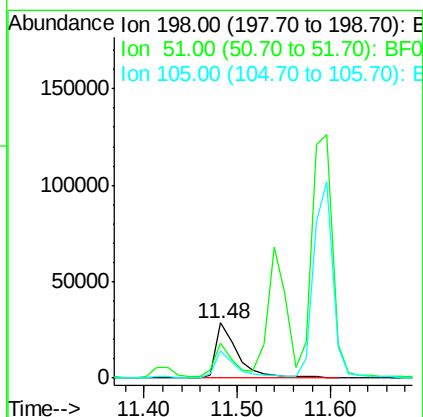
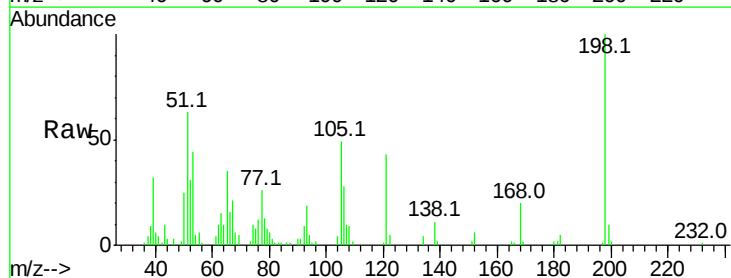
RT: 11.48 min Scan# 857

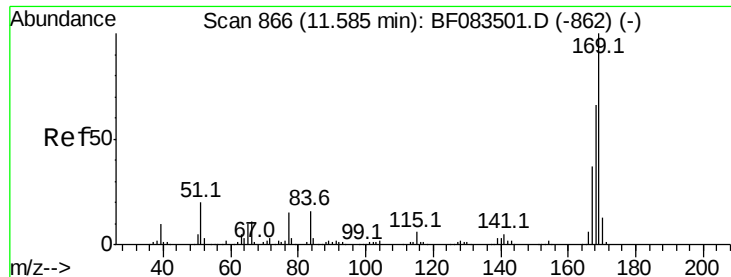
Delta R.T. -0.02 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 46999 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 63.1  | 53.8  | 93.8  |
| 105       | 49.5  | 38.6  | 78.6  |





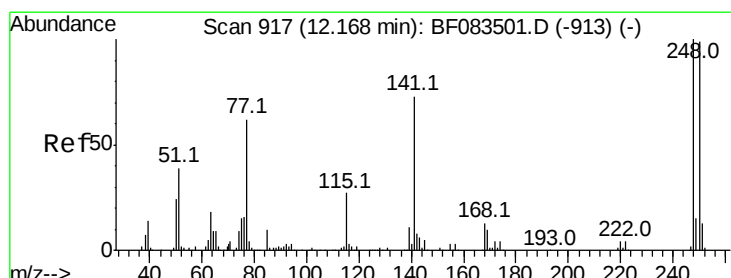
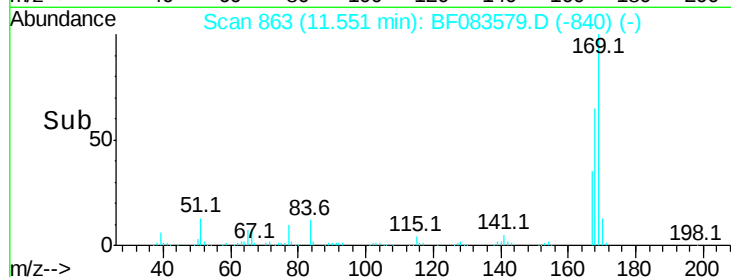
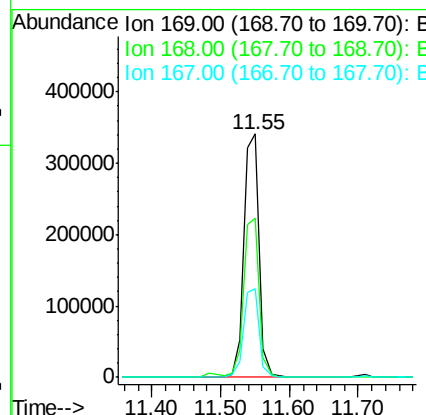
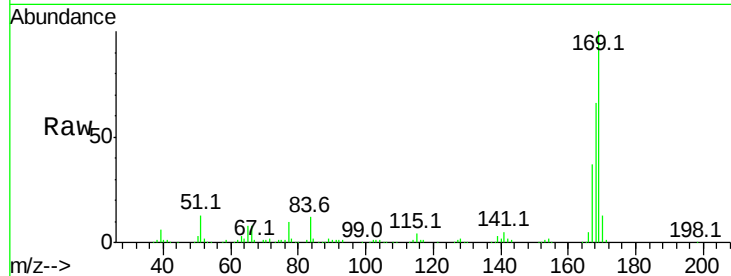
#65  
n-Nitrosodiphenylamine  
Concen: 46.21 ng  
RT: 11.55 min Scan# 863  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 65.5  | 53.0 | 79.6  |       |
| 167     | 36.6  | 29.3 | 43.9  |       |

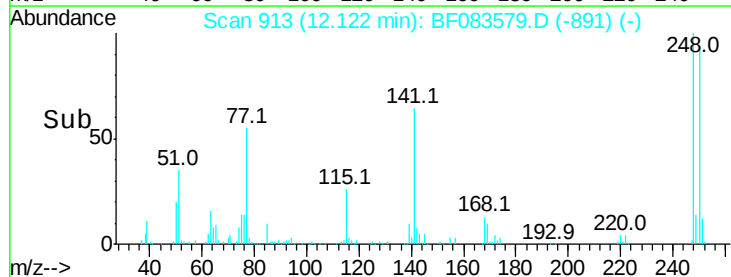
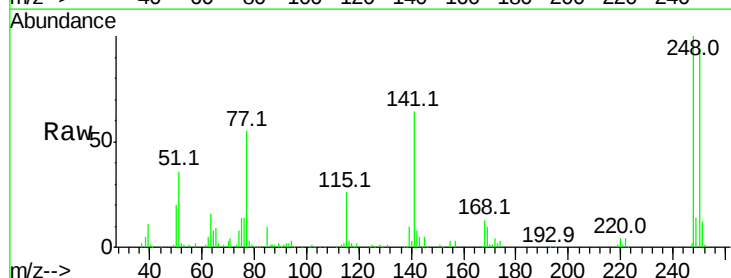
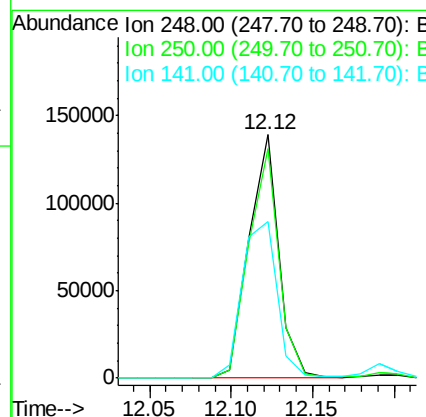
Manual Integrations  
APPROVED

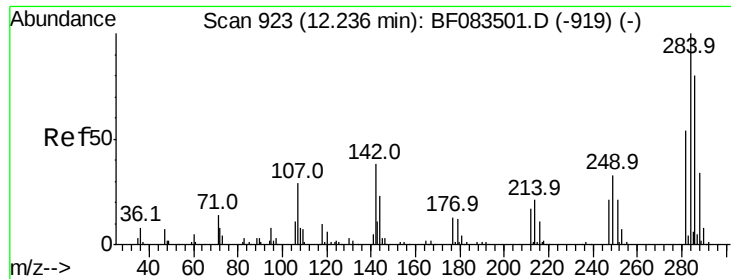
Mmdadoda  
12/8/2015 6:15:45 PM



#66  
4-Bromophenyl-phenylether  
Concen: 46.62 ng  
RT: 12.12 min Scan# 913  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 248     | 100   |      |       |       |
| 250     | 94.3  | 79.2 | 118.8 |       |
| 141     | 64.4  | 58.2 | 87.4  |       |





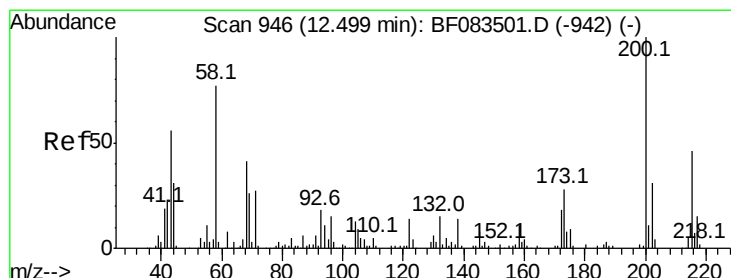
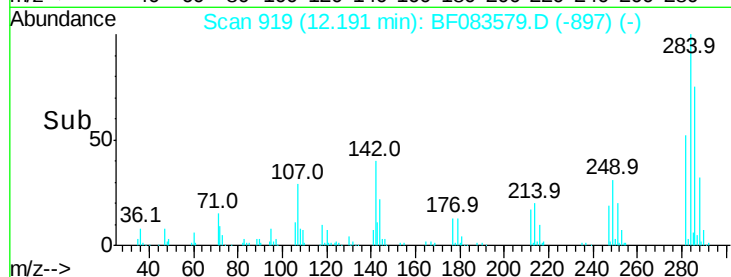
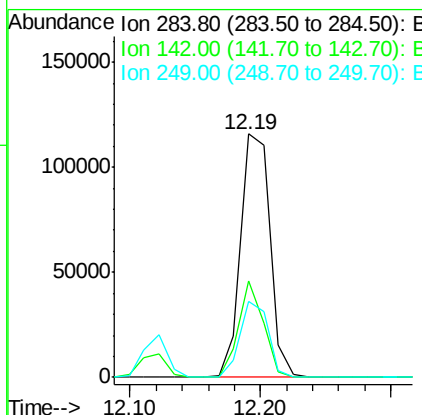
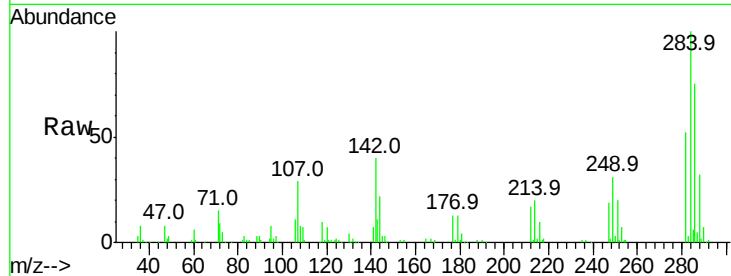
#67  
Hexachlorobenzene  
Concen: 44.72 ng  
RT: 12.19 min Scan# 919  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 284     | 100   |            |       |
| 142     | 39.7  | 31.0       | 46.4  |
| 249     | 31.4  | 26.9       | 40.3  |

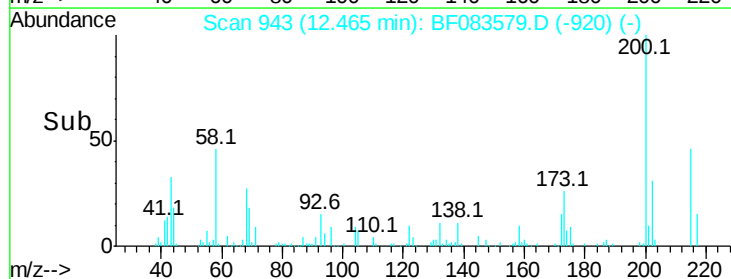
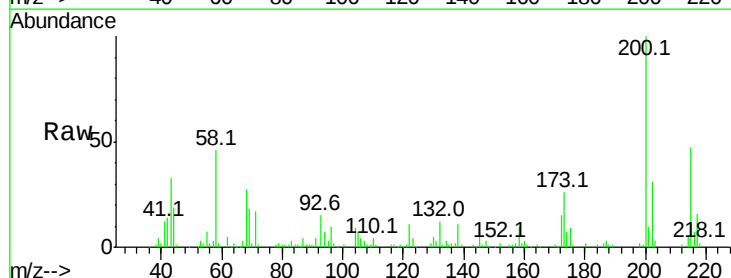
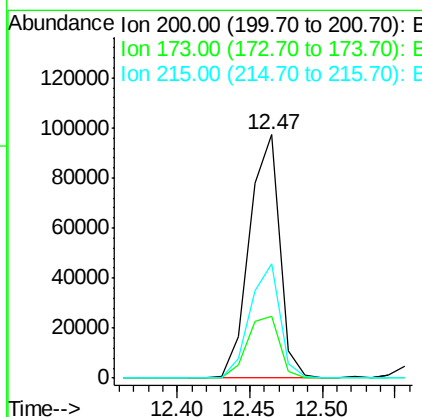
Manual Integrations  
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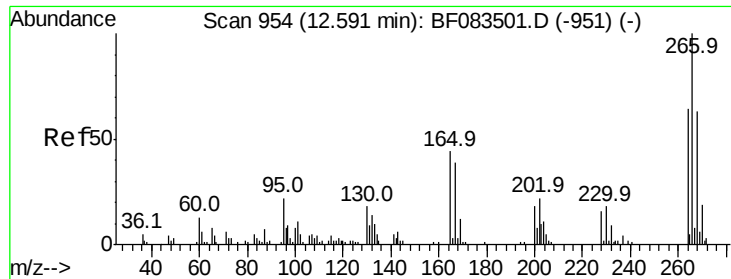
Mmdadoda  
12/8/2015 6:15:45 PM



#68  
Atrazine  
Concen: 40.64 ng  
RT: 12.47 min Scan# 943  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.6  | 7.8        | 47.8  |
| 215     | 46.9  | 25.7       | 65.7  |





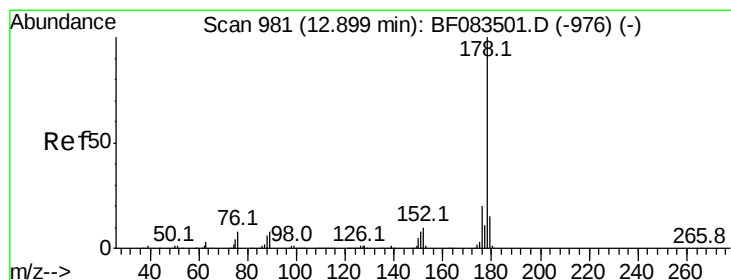
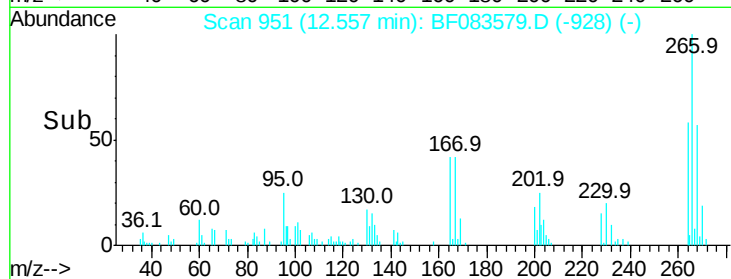
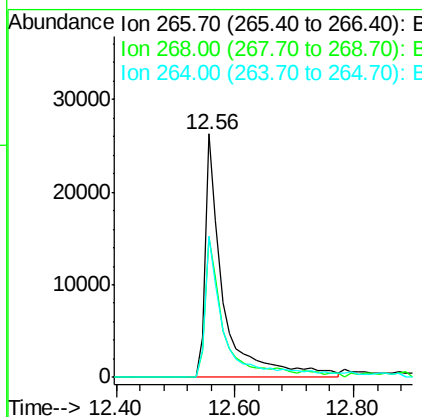
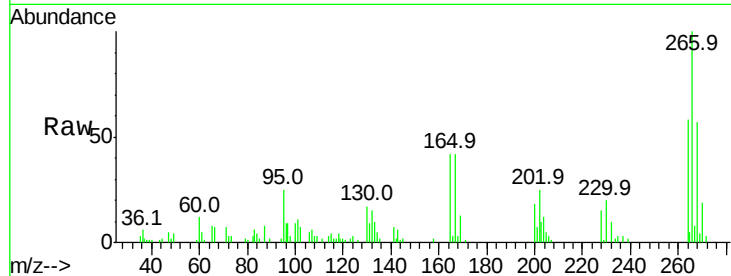
#69  
 Pentachlorophenol  
 Concen: 33.38 ng  
 RT: 12.56 min Scan# 951  
 Delta R.T. -0.03 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 56333 |       |       |
| 268     | 57.2  |       | 50.2  | 75.2  |
| 264     | 57.9  |       | 51.4  | 77.2  |

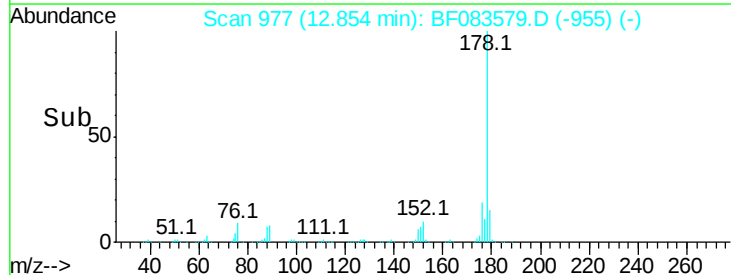
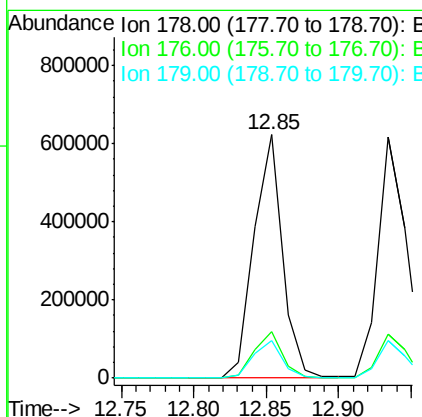
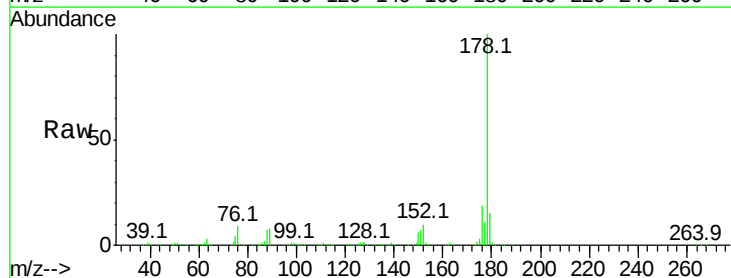
Manual Integrations  
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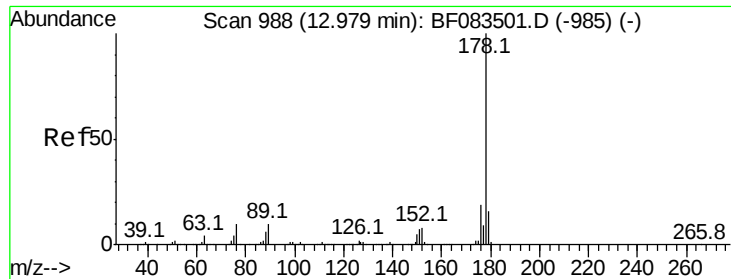
Mmdadoda  
 12/8/2015 6:15:45 PM



#70  
 Phenanthrene  
 Concen: 42.31 ng  
 RT: 12.85 min Scan# 977  
 Delta R.T. -0.05 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 852863 |       |       |
| 176     | 19.3  |        | 15.7  | 23.5  |
| 179     | 15.2  |        | 12.2  | 18.4  |





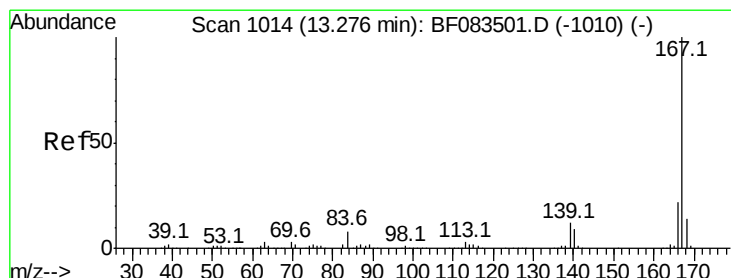
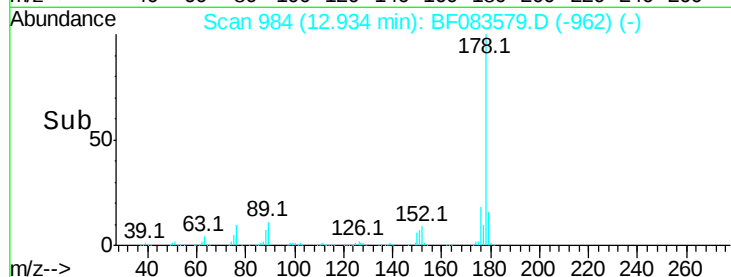
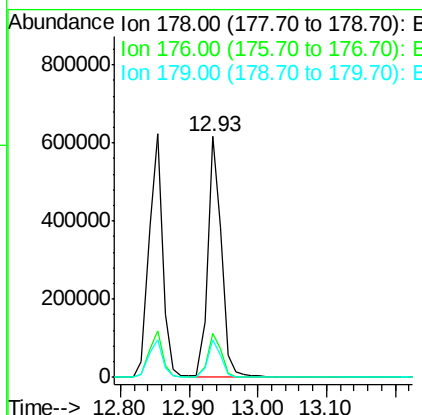
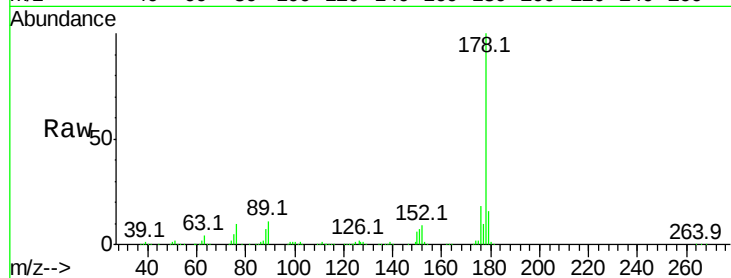
#71  
 Anthracene  
 Concen: 41.36 ng  
 RT: 12.93 min Scan# 984  
 Delta R.T. -0.05 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.3  | 15.2  | 22.8  |
| 179     | 15.8  | 12.6  | 18.8  |

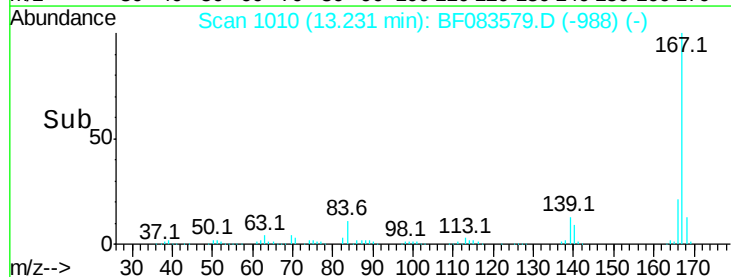
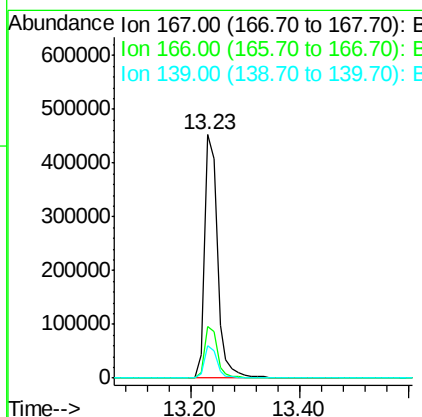
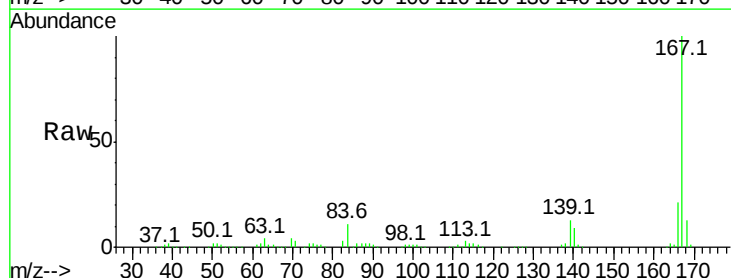
Manual Integrations  
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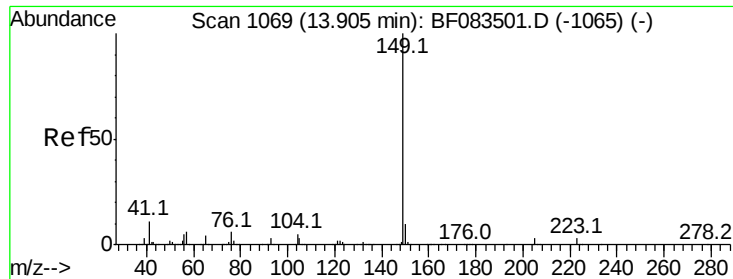
Mmdadoda  
 12/8/2015 6:15:45 PM



#72  
 Carbazole  
 Concen: 42.41 ng  
 RT: 13.23 min Scan# 1010  
 Delta R.T. -0.05 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.0  | 17.2  | 25.8  |
| 139     | 13.1  | 9.3   | 13.9  |





#73

Di-n-butylphthalate

Concen: 46.40 ng

RT: 13.86 min Scan# 1065

Delta R.T. -0.05 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

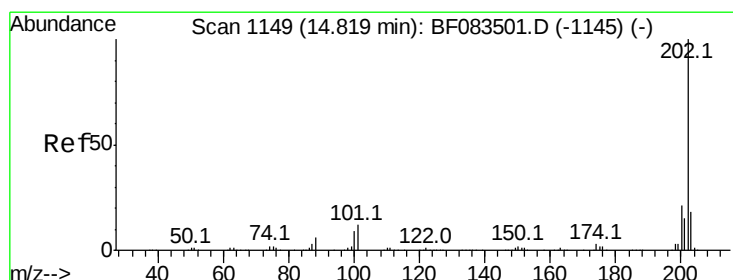
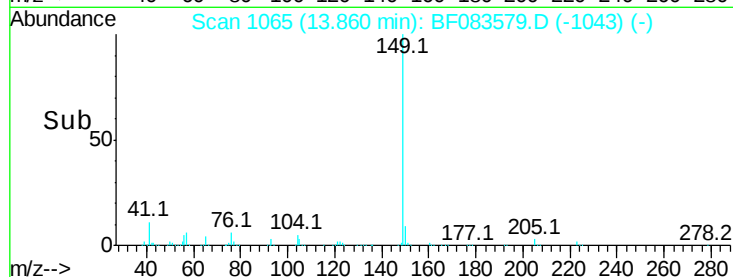
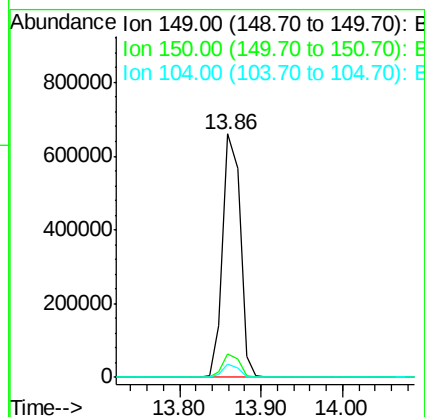
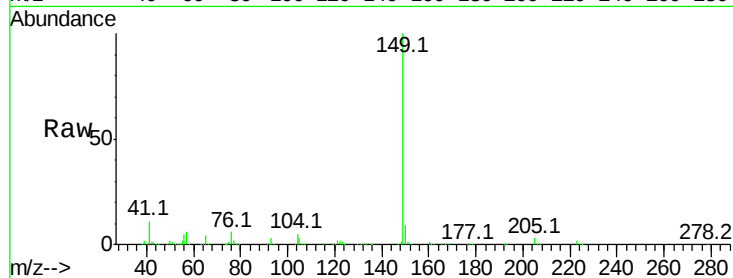
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 986306 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 7.8   | 11.6   |
| 104       | 5.2   | 3.9   | 5.9    |

Manual Integrations  
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Mmdadoda  
12/8/2015 6:15:45 PM



#74

Fluoranthene

Concen: 41.54 ng

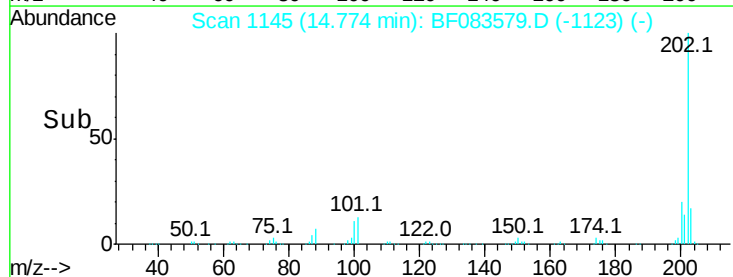
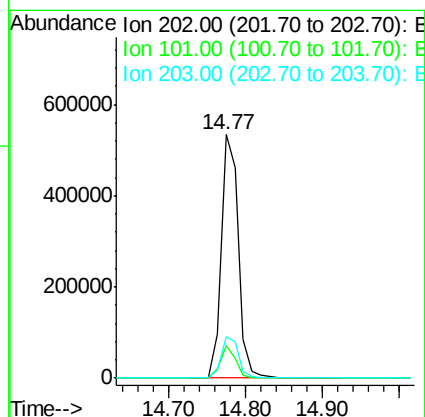
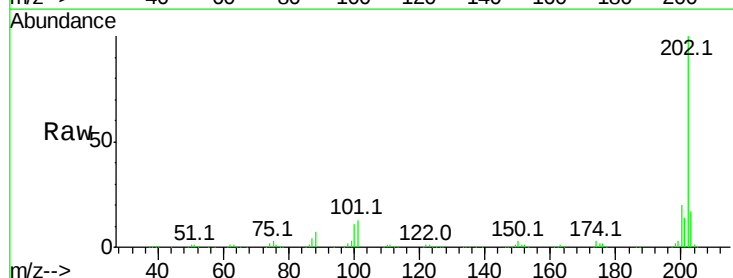
RT: 14.77 min Scan# 1145

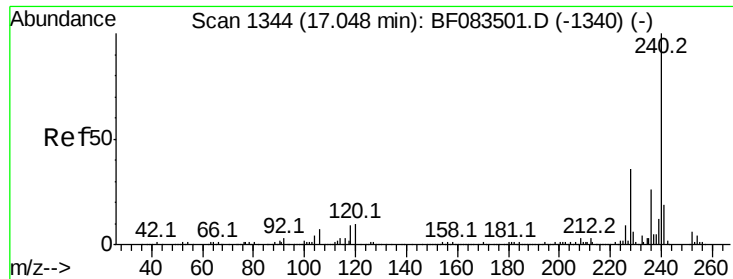
Delta R.T. -0.05 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 829740 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.4  | 0.0   | 31.5   |
| 203       | 17.2  | 0.0   | 37.6   |





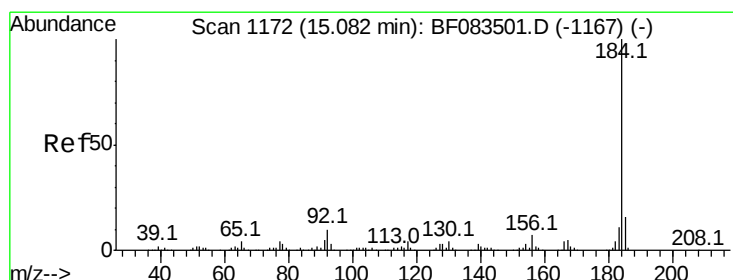
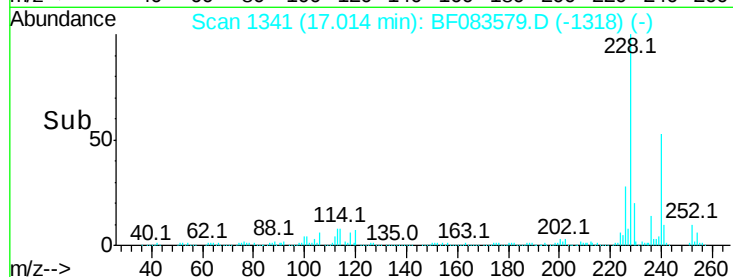
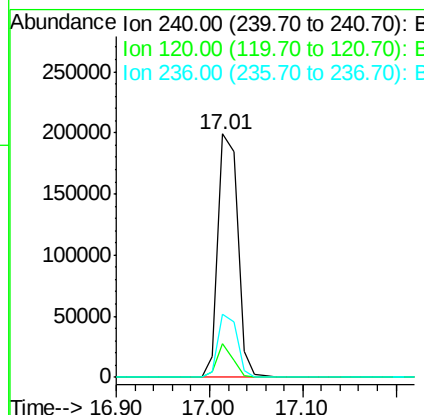
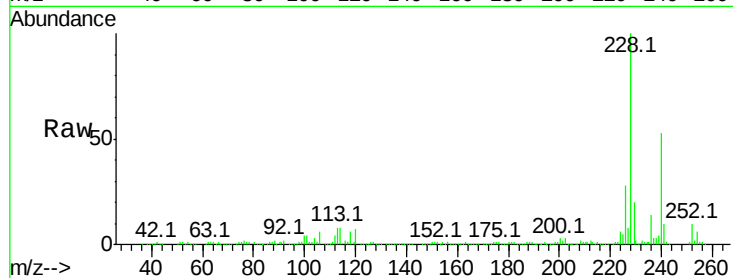
#75  
 Chrvsene-d12  
 Concen: 20.00 ng  
 RT: 17.01 min Scan# 1341  
 Delta R.T. -0.03 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 13.8  | 8.1        | 12.1# |
| 236     | 25.7  | 20.8       | 31.2  |

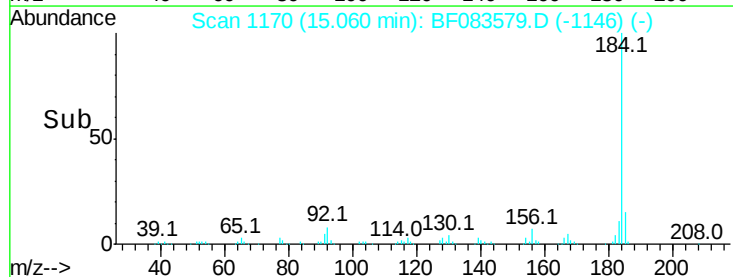
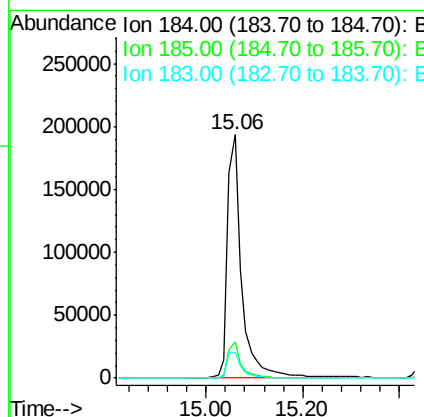
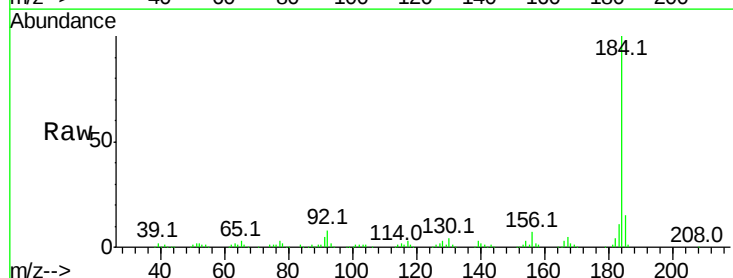
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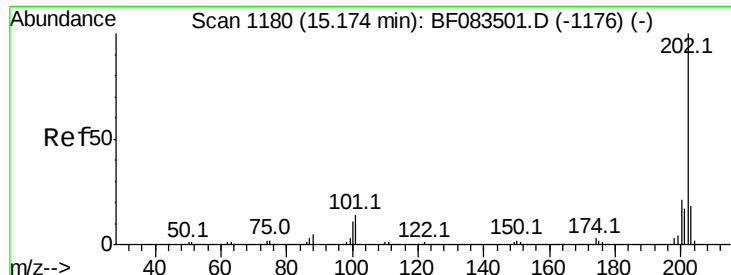
Mmdadoda  
 12/8/2015 6:15:45 PM



#76  
 Benzidine  
 Concen: 36.99 ng  
 RT: 15.06 min Scan# 1170  
 Delta R.T. -0.02 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 184     | 100   |            |       |
| 185     | 14.8  | 13.0       | 19.6  |
| 183     | 10.7  | 9.0        | 13.4  |





#77

Pvrene

Concen: 38.58 ng

RT: 15.14 min Scan# 1177

Delta R.T. -0.03 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

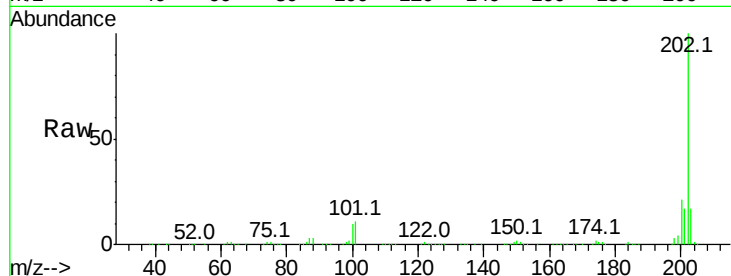
ClientSampleId :

SSTDCCC040

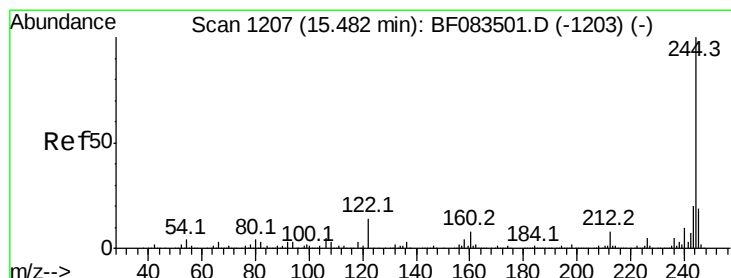
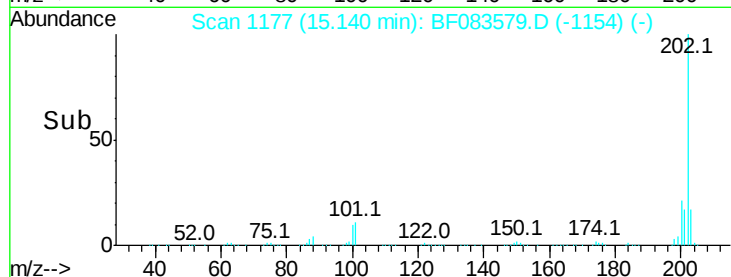
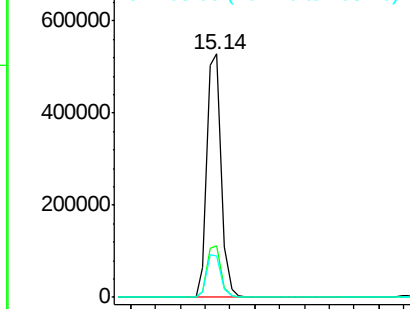
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 851000 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.1  | 16.7  | 25.1   |
| 203       | 16.8  | 14.3  | 21.5   |

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12/8/2015 6:15:45 PM



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: 77.86 ng

RT: 15.45 min Scan# 1204

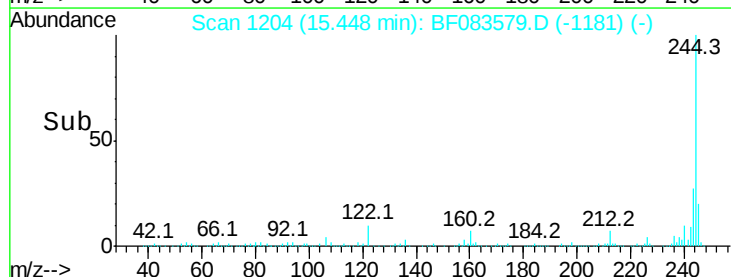
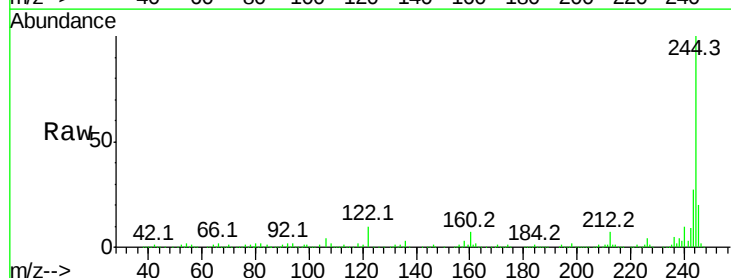
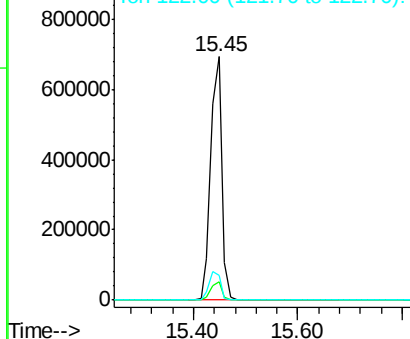
Delta R.T. -0.03 min

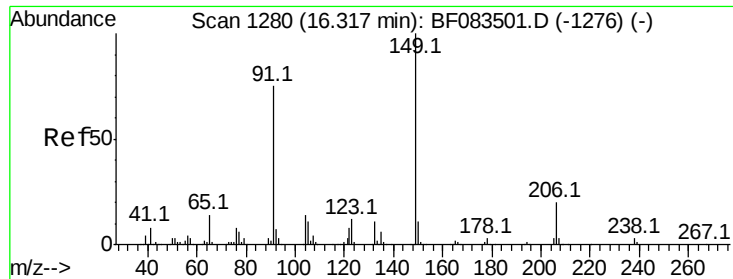
Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1031750 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.4   | 6.1   | 9.1     |
| 122       | 10.1  | 11.0  | 16.6#   |

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





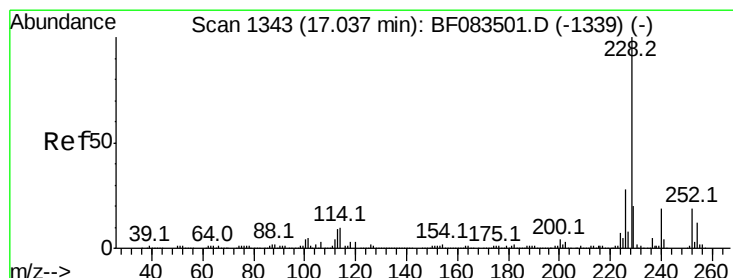
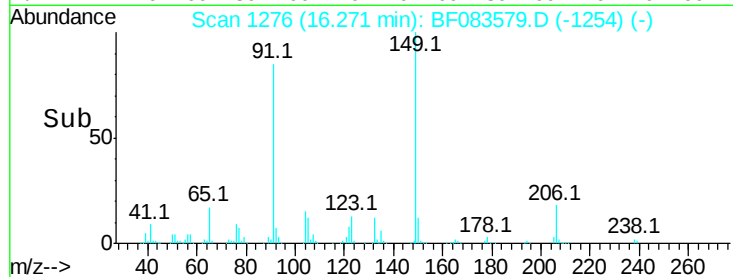
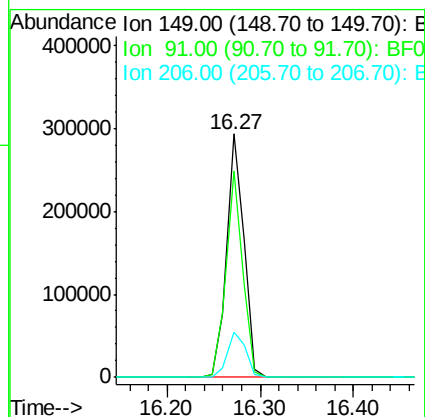
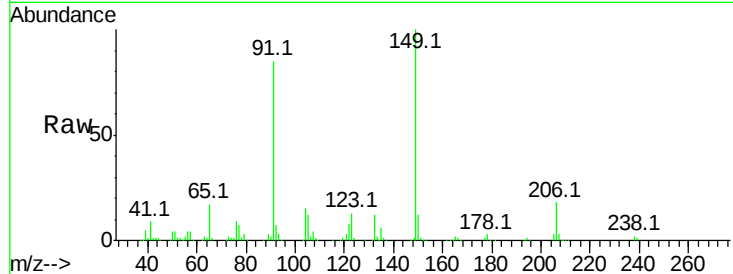
#79  
Butylbenzylphthalate  
Concen: 43.55 ng  
RT: 16.27 min Scan# 1276  
Delta R.T. -0.05 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 377726 |       |       |
| 91      | 84.6  | 60.0   | 90.0  |       |
| 206     | 18.4  | 16.2   | 24.4  |       |

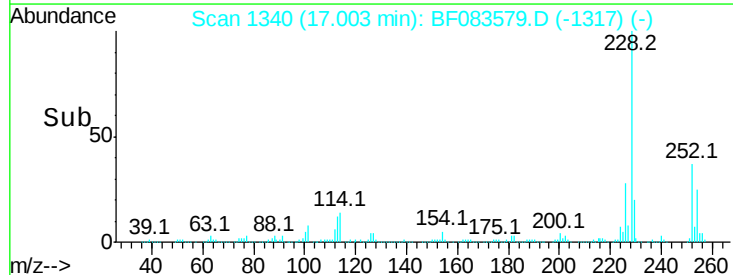
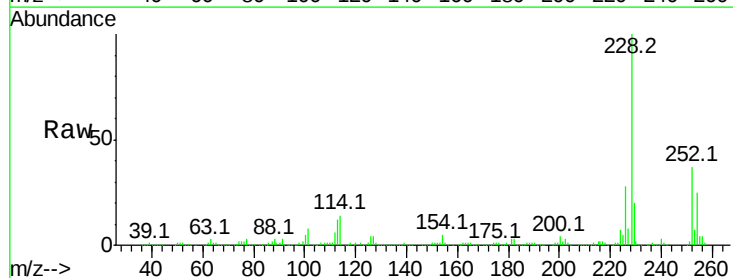
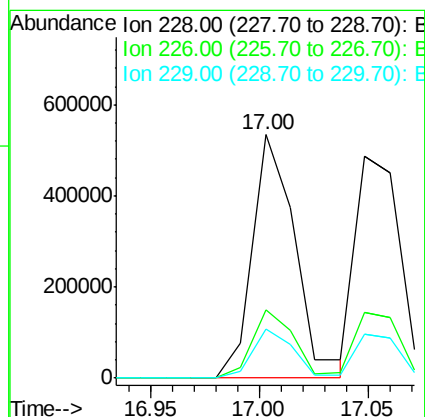
Manual Integrations  
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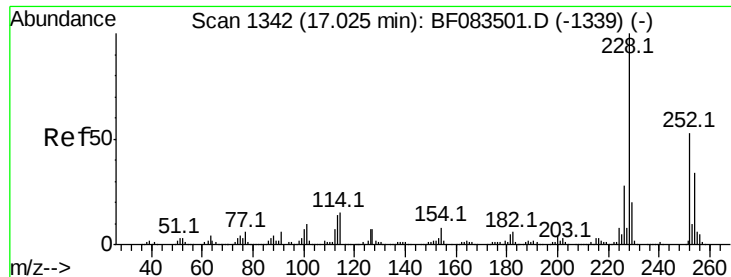
Mmdadoda  
12/8/2015 6:15:45 PM



#80  
Benzo(a)anthracene  
Concen: 42.42 ng  
RT: 17.00 min Scan# 1340  
Delta R.T. -0.03 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 731762 |       |       |
| 226     | 28.2  | 22.3   | 33.5  |       |
| 229     | 20.1  | 15.7   | 23.5  |       |





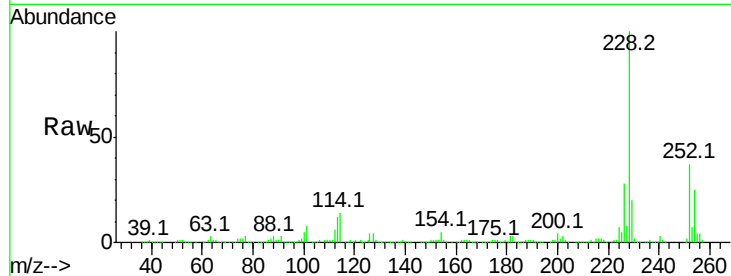
#81  
 3,3'-Dichlorobenzidine  
 Concen: 47.27 ng  
 RT: 17.00 min Scan# 1340  
 Delta R.T. -0.02 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

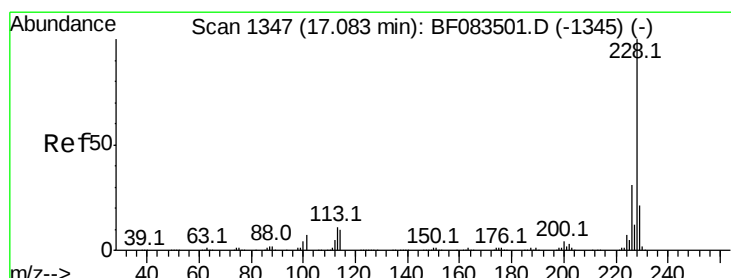
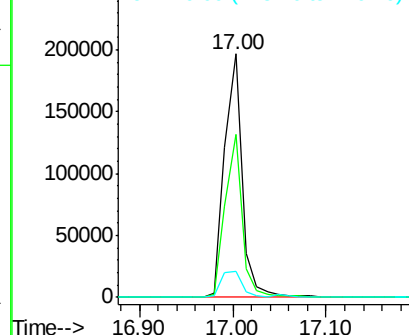
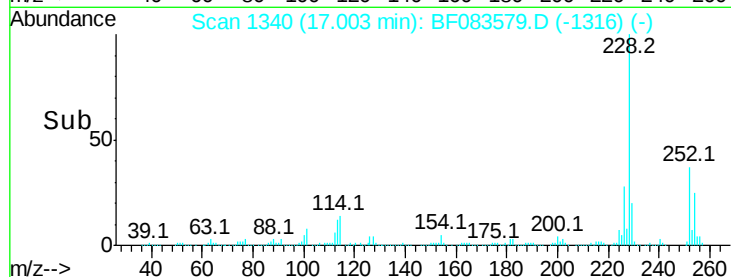
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 66.7  | 50.6       | 76.0  |
| 126     | 10.8  | 11.0       | 16.4  |

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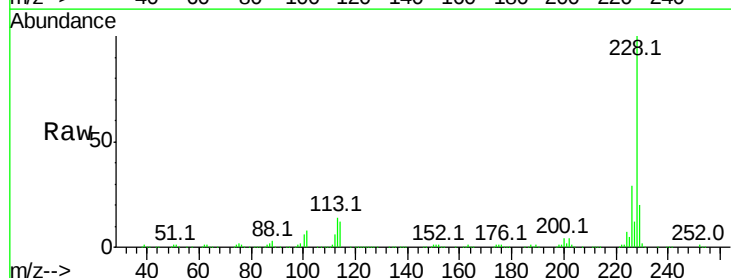


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

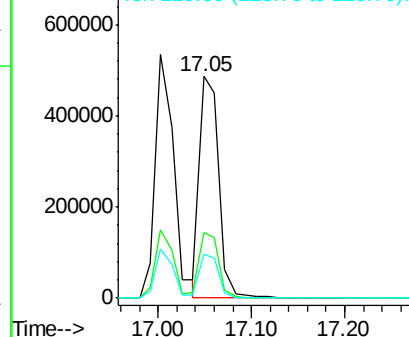
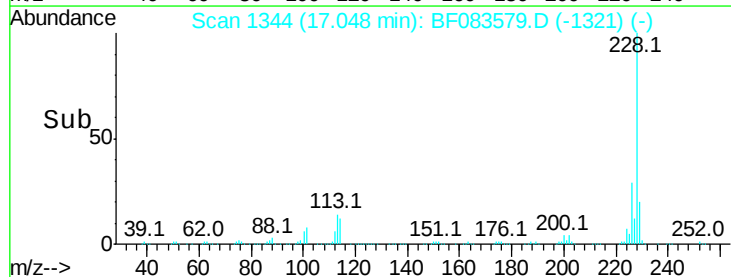


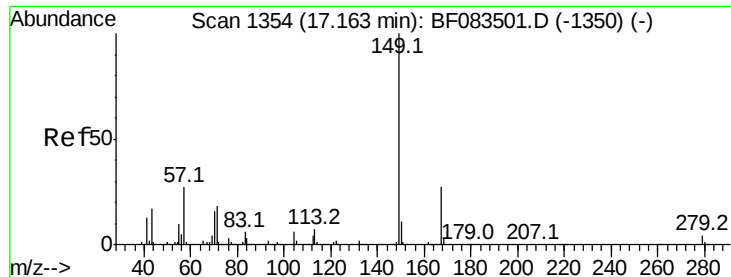
#82  
 Chrysene  
 Concen: 40.82 ng  
 RT: 17.05 min Scan# 1344  
 Delta R.T. -0.03 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 29.5  | 24.7       | 37.1  |
| 229     | 20.0  | 16.3       | 24.5  |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





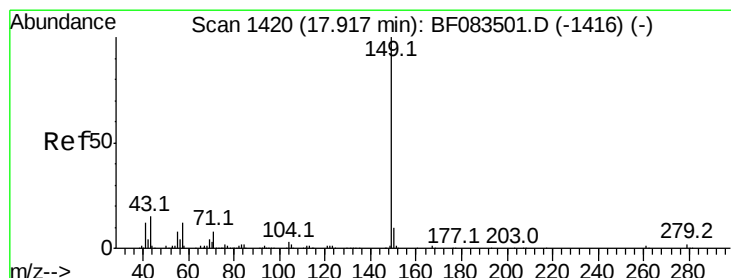
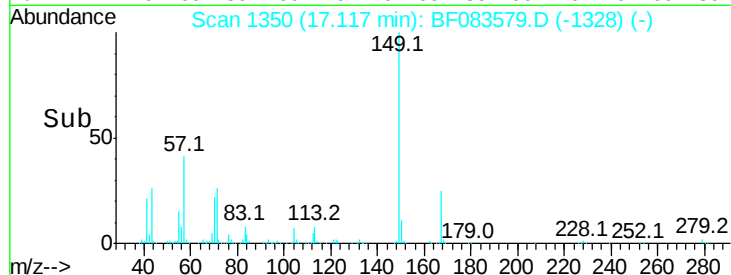
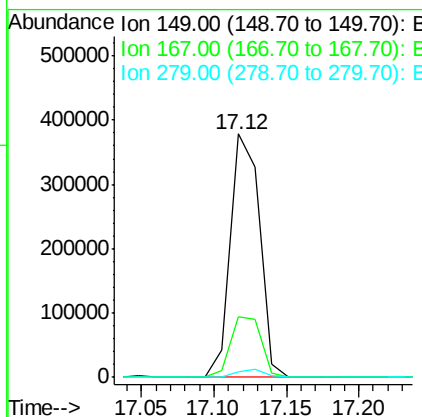
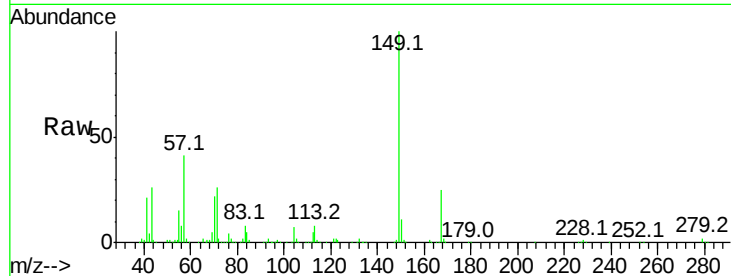
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.60 ng  
 RT: 17.12 min Scan# 1350  
 Delta R.T. -0.05 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 25.0  | 21.8       | 32.8  |
| 279     | 2.1   | 3.0        | 4.4#  |

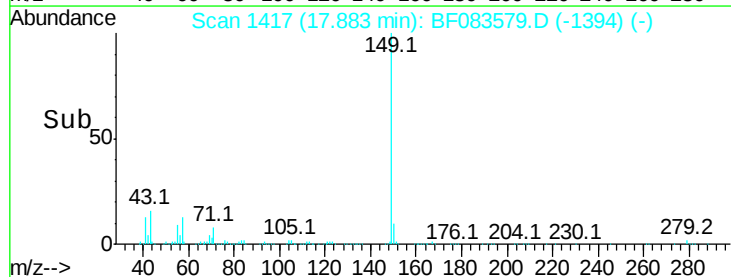
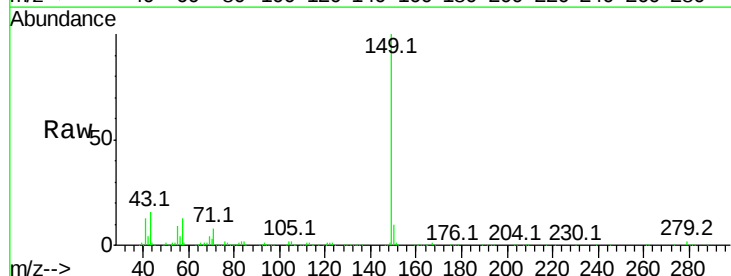
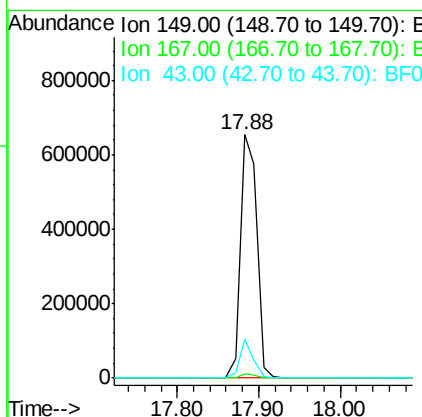
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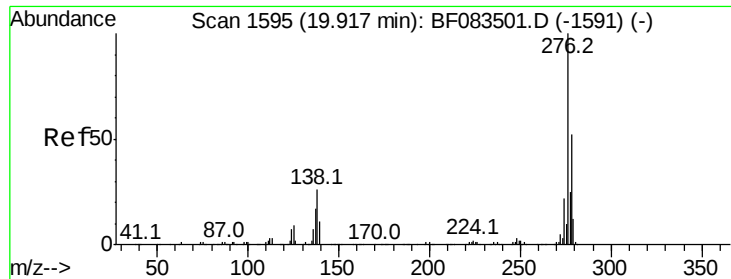
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#84  
 Di-n-octyl phthalate  
 Concen: 55.99 ng  
 RT: 17.88 min Scan# 1417  
 Delta R.T. -0.03 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.5   | 0.0        | 0.0#  |
| 43      | 12.8  | 0.0        | 0.0#  |





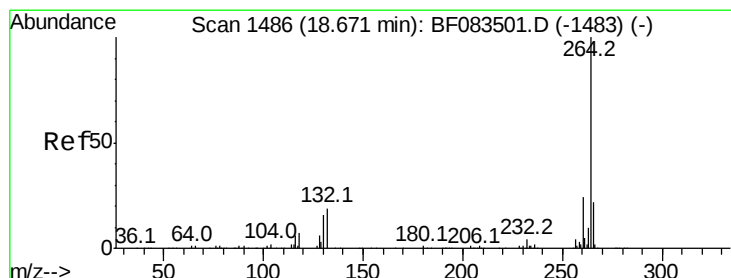
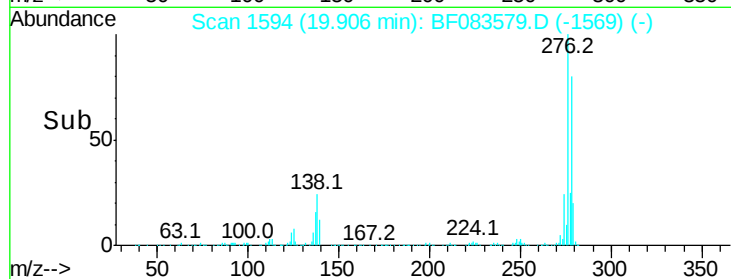
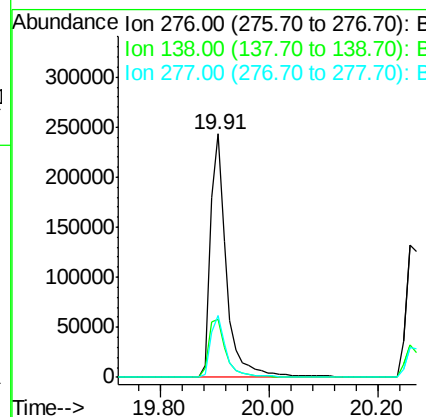
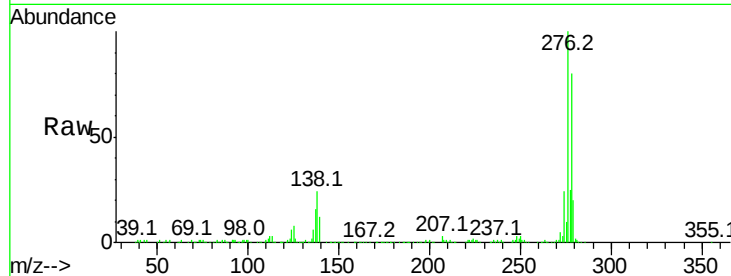
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 33.76 ng  
RT: 19.91 min Scan# 1594  
Delta R.T. -0.01 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 138     | 26.5  | 0.0  | 0.0   |       |
| 277     | 25.1  | 0.0  | 0.0   |       |

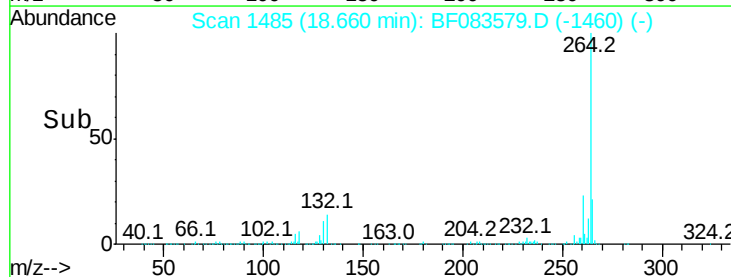
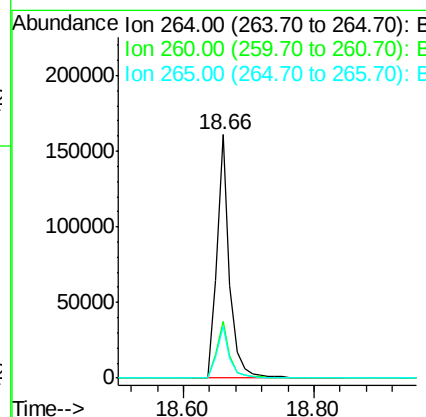
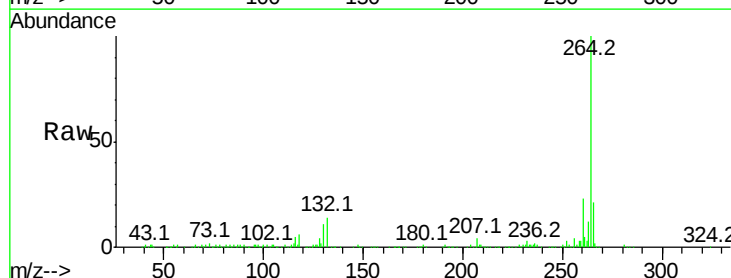
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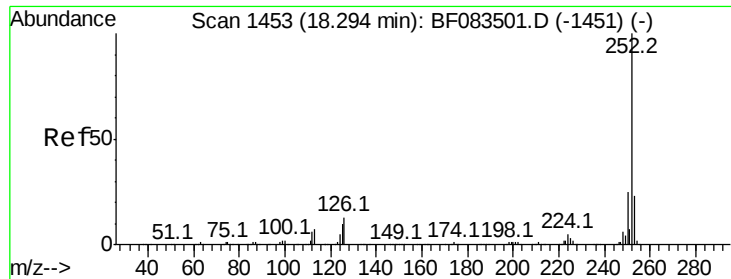
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 18.66 min Scan# 1485  
Delta R.T. -0.01 min  
Lab File: BF083579.D  
Acq: 8 Dec 2015 3:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 264     | 100   |      |       |       |
| 260     | 23.2  | 19.4 | 29.0  |       |
| 265     | 21.3  | 17.8 | 26.6  |       |





#87

Benzo(b)fluoranthene

Concen: 55.09 ng m

RT: 18.27 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

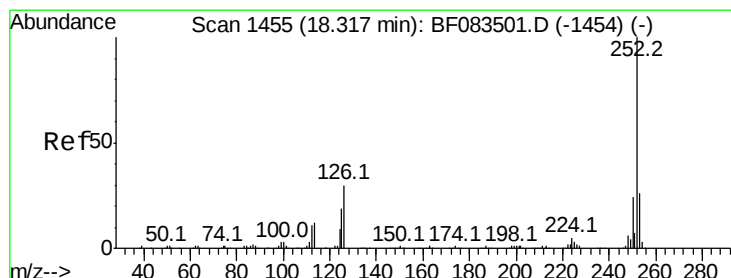
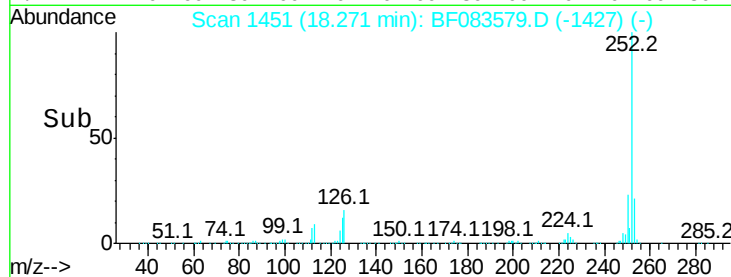
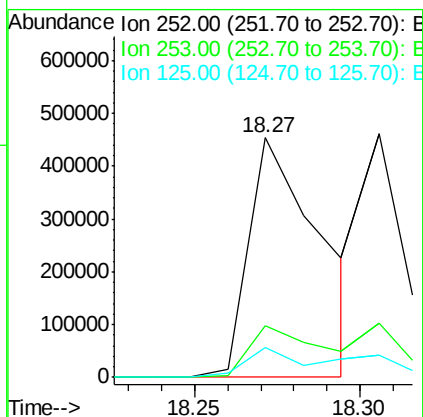
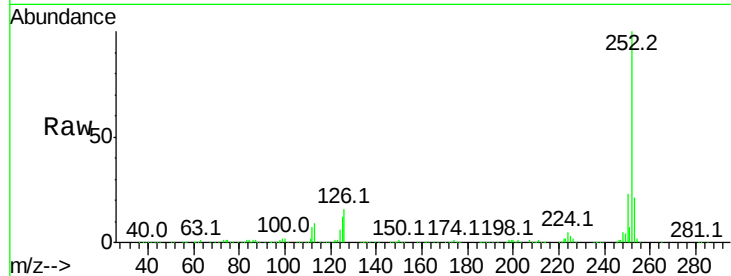
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 685984 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.5  | 18.2  | 27.4   |
| 125       | 12.2  | 8.2   | 12.4   |

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#88

Benzo(k)fluoranthene

Concen: 34.02 ng m

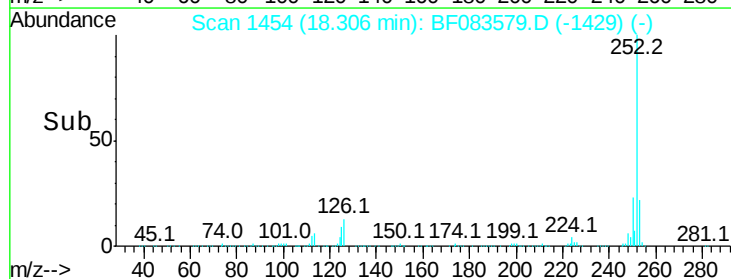
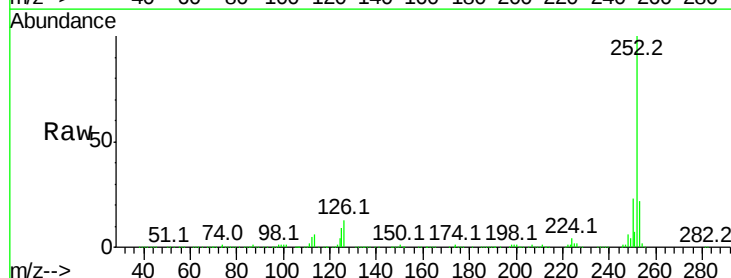
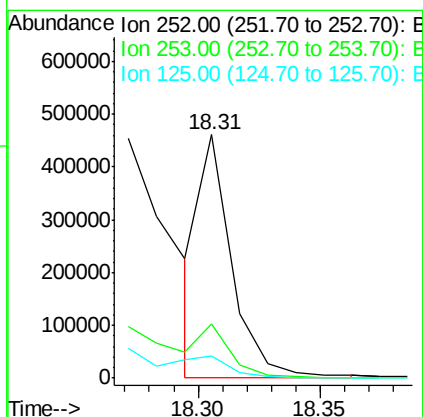
RT: 18.31 min Scan# 1454

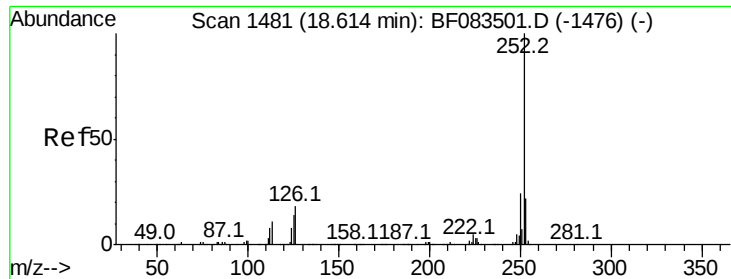
Delta R.T. -0.01 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 434033 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 18.6  | 27.8   |
| 125       | 9.0   | 11.5  | 17.3#  |





#89

Benzo(a)pyrene

Concen: 41.35 ng

RT: 18.60 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

Instrument :

BNA\_F

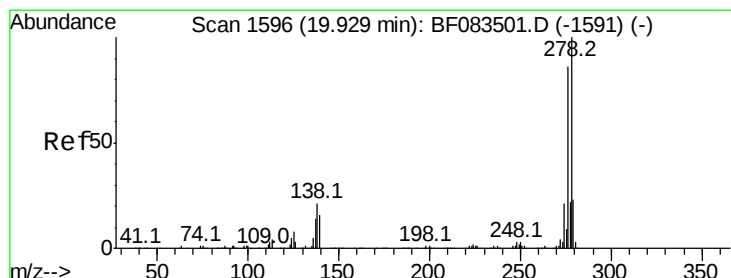
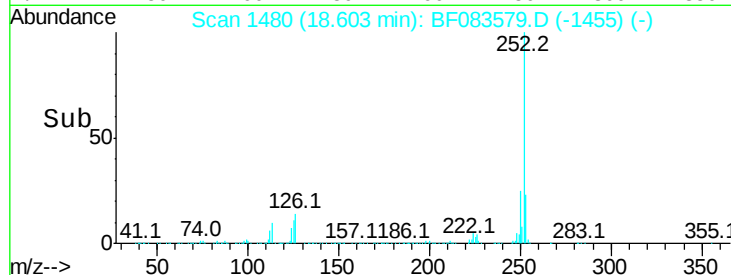
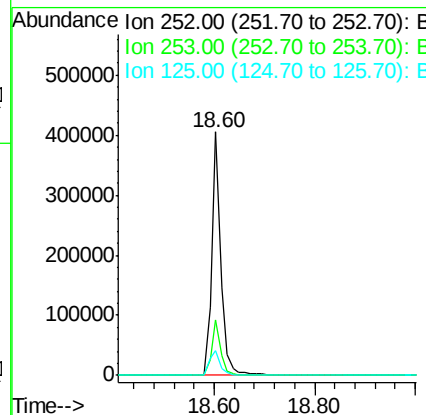
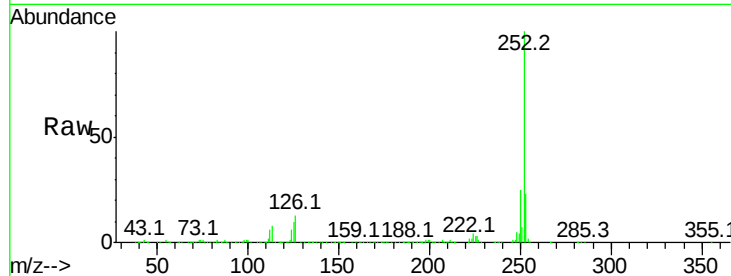
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 500904 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.7  | 17.5  | 26.3   |
| 125       | 10.4  | 11.0  | 16.6   |

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#90

Dibenzo(a,h)anthracene

Concen: 37.43 ng

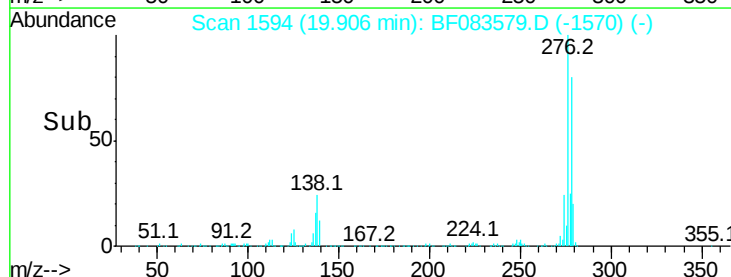
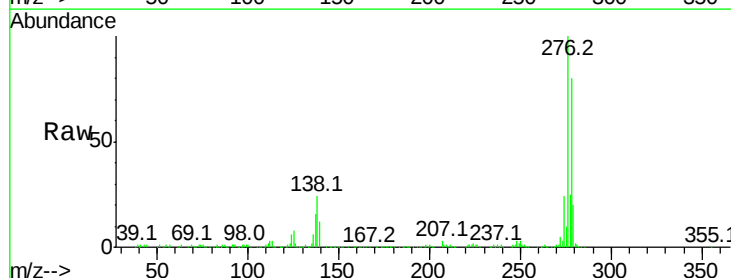
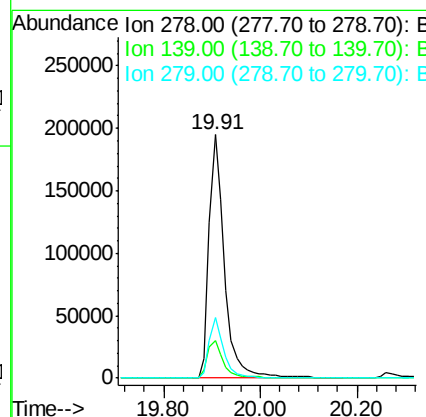
RT: 19.91 min Scan# 1594

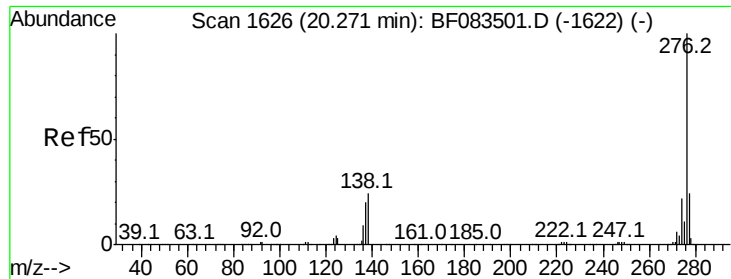
Delta R.T. -0.02 min

Lab File: BF083579.D

Acq: 8 Dec 2015 3:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 436254 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 15.6  | 12.8  | 19.2   |
| 279       | 24.9  | 18.6  | 28.0   |





#91  
 Benzo(a,h,i)perylene  
 Concen: 33.04 ng  
 RT: 20.26 min Scan# 1625  
 Delta R.T. -0.01 min  
 Lab File: BF083579.D  
 Acq: 8 Dec 2015 3:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion   | 276   | Resp  | 388063 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.9  | 19.2  | 28.8   |
| 138       | 24.2  | 19.5  | 29.3   |

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