

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\  
 Data File : BF081394.D  
 Acq On : 4 Sep 2015 00:27  
 Operator : UM/IZ  
 Sample : G3511-11MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07(7-8.5)MS

Manual Integrations  
 APPROVED

MMDadoda  
 9/4/2015 2:51:18 PM

Quant Time: Sep 04 03:54:38 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 04 02:03:29 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.36  | 152  | 56664    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.66  | 136  | 213926   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.40  | 164  | 104870   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 10.87 | 188  | 208537   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.47 | 240  | 174590   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 14.78 | 264  | 104807   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 4.92  | 112  | 343624   | 94.09 | ng    | 0.01     |
| 7) Phenol-d6                | 6.04  | 99   | 481485   | 99.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 6.95  | 82   | 290487   | 65.51 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.18 | 330  | 79205    | 84.82 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 8.74  | 172  | 443341   | 54.18 | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.45 | 244  | 390089   | 52.01 | ng    | -0.01    |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 1.75 | 88   | 41586    | 25.35 | ng    | # 92   |
| 3) Pyridine                    | 2.28 | 79   | 116880   | 25.84 | ng    | # 90   |
| 4) n-Nitrosodimethylamine      | 2.24 | 42   | 66345    | 26.40 | ng    | # 76   |
| 6) Aniline                     | 6.03 | 93   | 121361   | 17.78 | ng    | # 73   |
| 8) 2-Chlorophenol              | 6.16 | 128  | 115886   | 28.80 | ng    | # 96   |
| 9) Benzaldehyde                | 5.91 | 77   | 15333    | 5.06  | ng    | # 80   |
| 10) Phenol                     | 6.06 | 94   | 176209   | 31.43 | ng    | # 68   |
| 11) bis(2-Chloroethyl)ether    | 6.12 | 93   | 134601   | 33.28 | ng    | # 96   |
| 12) 1,3-Dichlorobenzene        | 6.31 | 146  | 119334   | 27.75 | ng    | # 94   |
| 13) 1,4-Dichlorobenzene        | 6.39 | 146  | 123448   | 28.20 | ng    | # 92   |
| 14) 1,2-Dichlorobenzene        | 6.54 | 146  | 112111m  | 28.44 | ng    | # 92   |
| 15) Benzyl Alcohol             | 6.54 | 79   | 118127   | 29.79 | ng    | # 73   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.67 | 45   | 236405   | 30.49 | ng    | # 43   |
| 17) 2-Methylphenol             | 6.67 | 107  | 90465    | 28.17 | ng    | # 75   |
| 18) Hexachloroethane           | 6.88 | 117  | 47213    | 27.72 | ng    | # 90   |
| 19) n-Nitroso-di-n-propylamine | 6.81 | 70   | 98535    | 29.95 | ng    | # 85   |
| 20) 3+4-Methylphenols          | 6.82 | 107  | 130814   | 30.21 | ng    | # 85   |
| 22) Acetophenone               | 6.80 | 105  | 184033   | 31.50 | ng    | # 81   |
| 24) Nitrobenzene               | 6.97 | 77   | 136615   | 29.67 | ng    | # 78   |
| 25) Isophorone                 | 7.21 | 82   | 242957   | 29.46 | ng    | # 83   |
| 26) 2-Nitrophenol              | 7.29 | 139  | 58635    | 29.22 | ng    | # 71   |
| 27) 2,4-Dimethylphenol         | 7.35 | 122  | 92883    | 26.80 | ng    | # 74   |
| 28) bis(2-Chloroethoxy)methane | 7.44 | 93   | 156709   | 32.90 | ng    | # 91   |
| 29) 2,4-Dichlorophenol         | 7.54 | 162  | 92323    | 30.71 | ng    | # 98   |
| 30) 1,2,4-Trichlorobenzene     | 7.61 | 180  | 100939   | 30.91 | ng    | # 100  |
| 31) Naphthalene                | 7.68 | 128  | 344696   | 30.21 | ng    | # 98   |
| 33) 4-Chloroaniline            | 7.75 | 127  | 89963    | 19.33 | ng    | # 88   |
| 34) Hexachlorobutadiene        | 7.80 | 225  | 56856    | 28.61 | ng    | # 100  |
| 35) Caprolactam                | 8.11 | 113  | 28439m   | 30.85 | ng    | # 91   |
| 36) 4-Chloro-3-methylphenol    | 8.25 | 107  | 107421   | 31.93 | ng    | # 69   |
| 37) 2-Methylnaphthalene        | 8.38 | 142  | 229115   | 30.86 | ng    | # 91   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.54 | 216  | 88240    | 26.61 | ng    | # 97   |
| 40) Hexachlorocyclopentadiene  | 8.52 | 237  | 80403    | 49.40 | ng    | # 95   |
| 42) 2,4,6-Trichlorophenol      | 8.66 | 196  | 66824    | 29.20 | ng    | # 99   |

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 Sample : G3511-11MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07(7-8.5)MS

Manual Integrations  
 APPROVED

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 9/4/2015 2:51:18 PM

Quant Time: Sep 04 03:54:38 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 04 02:03:29 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 8.71  | 196  | 69899    | 29.93 | nq    | # 85     |
| 45) 1,1'-Biphenyl              | 8.84  | 154  | 258530   | 26.80 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 8.86  | 162  | 205824   | 29.54 | nq    | # 91     |
| 47) 2-Nitroaniline             | 8.96  | 65   | 77919    | 27.44 | nq    | # 50     |
| 48) Acenaphthylene             | 9.27  | 152  | 322948   | 26.13 | nq    | 97       |
| 49) Dimethylphthalate          | 9.15  | 163  | 327375   | 40.18 | nq    | # 97     |
| 50) 2,6-Dinitrotoluene         | 9.21  | 165  | 47583    | 25.73 | nq    | # 23     |
| 51) Acenaphthene               | 9.44  | 154  | 195758   | 27.84 | nq    | 92       |
| 52) 3-Nitroaniline             | 9.37  | 138  | 44161    | 20.98 | nq    | # 37     |
| 53) 2,4-Dinitrophenol          | 9.48  | 184  | 11600    | 14.89 | nq    | # 13     |
| 54) Dibenzofuran               | 9.61  | 168  | 284736   | 27.73 | nq    | 93       |
| 55) 4-Nitrophenol              | 9.56  | 139  | 65965m   | 49.87 | nq    |          |
| 56) 2,4-Dinitrotoluene         | 9.61  | 165  | 71798    | 30.49 | nq    | # 54     |
| 57) Fluorene                   | 9.94  | 166  | 225828   | 28.98 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.74  | 232  | 57044    | 32.00 | nq    | 97       |
| 59) Diethylphthalate           | 9.85  | 149  | 254107   | 29.65 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 9.95  | 204  | 107242   | 29.53 | nq    | 96       |
| 61) 4-Nitroaniline             | 9.99  | 138  | 58972    | 27.73 | nq    | # 59     |
| 62) Azobenzene                 | 10.10 | 77   | 272371   | 28.58 | nq    | 83       |
| 64) 4,6-Dinitro-2-methylphenol | 10.01 | 198  | 24104    | 20.67 | nq    | # 52     |
| 65) n-Nitrosodiphenylamine     | 10.07 | 169  | 189878   | 25.02 | nq    | 92       |
| 66) 4-Bromophenyl-phenylether  | 10.43 | 248  | 60060    | 28.48 | nq    | 91       |
| 67) Hexachlorobenzene          | 10.48 | 284  | 58611    | 26.59 | nq    | # 56     |
| 68) Atrazine                   | 10.60 | 200  | 55694    | 25.36 | nq    | 81       |
| 69) Pentachlorophenol          | 10.68 | 266  | 53736    | 53.34 | nq    | 100      |
| 70) Phenanthrene               | 10.89 | 178  | 328906   | 28.37 | nq    | 97       |
| 71) Anthracene                 | 10.94 | 178  | 307045   | 25.78 | nq    | 99       |
| 72) Carbazole                  | 11.11 | 167  | 344760   | 30.85 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.46 | 149  | 392863   | 29.77 | nq    | # 98     |
| 74) Fluoranthene               | 12.06 | 202  | 329055   | 26.22 | nq    | 92       |
| 76) Benzdine                   | 12.21 | 184  | 87247    | 11.64 | nq    | 97       |
| 77) Pyrene                     | 12.29 | 202  | 383368   | 29.64 | nq    | 99       |
| 79) Butylbenzylphthalate       | 12.94 | 149  | 163216   | 29.02 | nq    | 91       |
| 80) Benzo(a)anthracene         | 13.46 | 228  | 296120   | 26.63 | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 13.44 | 252  | 60939    | 16.25 | nq    | # 96     |
| 82) Chrysene                   | 13.50 | 228  | 239318   | 24.01 | nq    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 13.50 | 149  | 199660   | 26.90 | nq    | # 90     |
| 84) Di-n-octyl phthalate       | 14.10 | 149  | 298301   | 24.41 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 15.85 | 276  | 170386   | 23.30 | nq    | # 87     |
| 87) Benzo(b)fluoranthene       | 14.46 | 252  | 277741m  | 37.12 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.48 | 252  | 134263m  | 21.63 | nq    |          |
| 89) Benzo(a)pyrene             | 14.73 | 252  | 189638   | 29.91 | nq    | # 85     |
| 90) Dibenzo(a,h)anthracene     | 15.86 | 278  | 143937   | 29.38 | nq    | # 84     |
| 91) Benzo(g,h,i)perylene       | 16.17 | 276  | 145470   | 31.11 | nq    | # 76     |

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

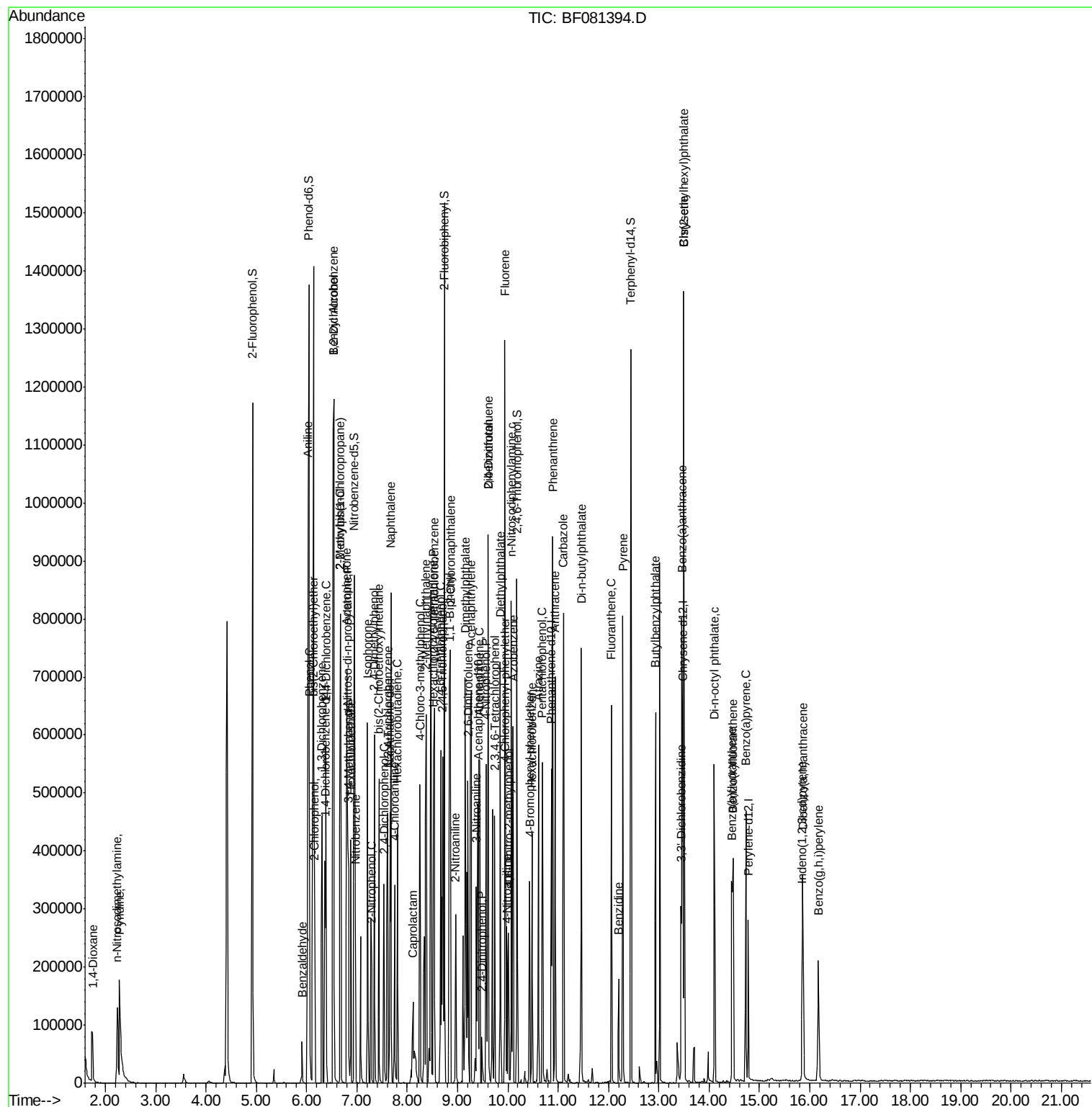
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\  
Data File : BF081394.D  
Acq On : 4 Sep 2015 00:27  
Operator : UM/IZ  
Sample : G3511-11MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

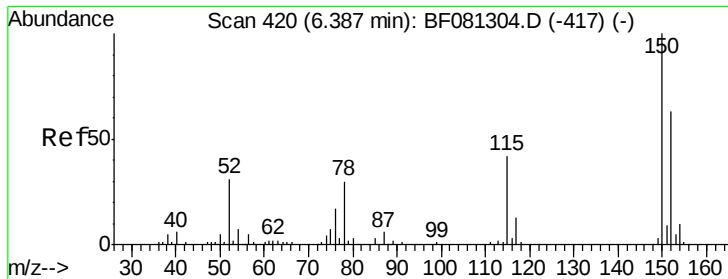
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

Manual Integrations  
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9/4/2015 2:51:18 PM

Quant Time: Sep 04 03:54:38 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 04 02:03:29 2015  
Response via : Initial Calibration





#1

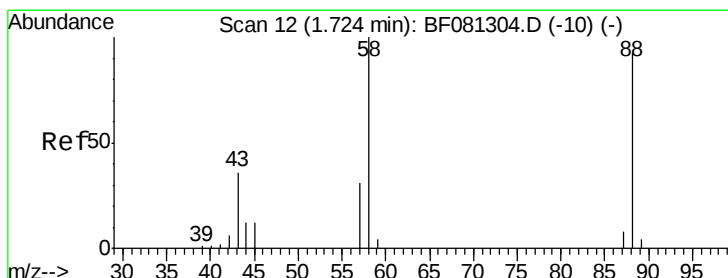
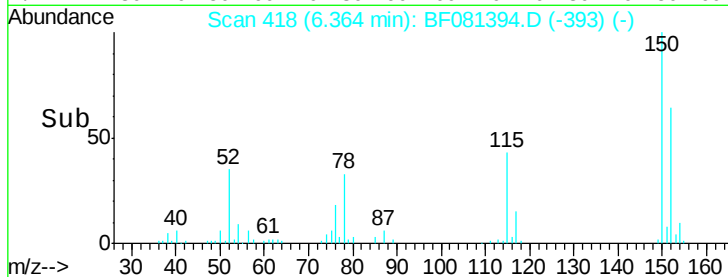
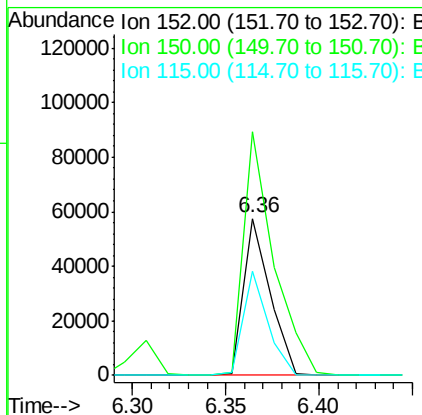
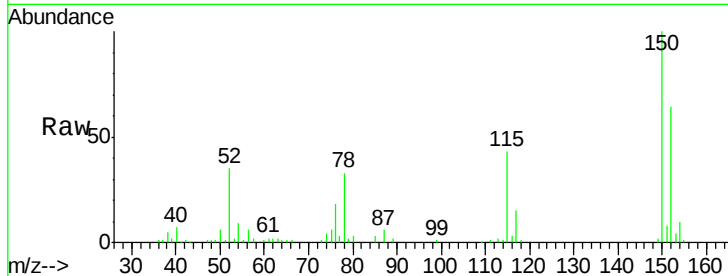
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.36 min Scan# 418  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.5 | 124.7 | 187.1 |
| 115     | 66.1  | 39.0  | 58.4  |

Manual Integrations  
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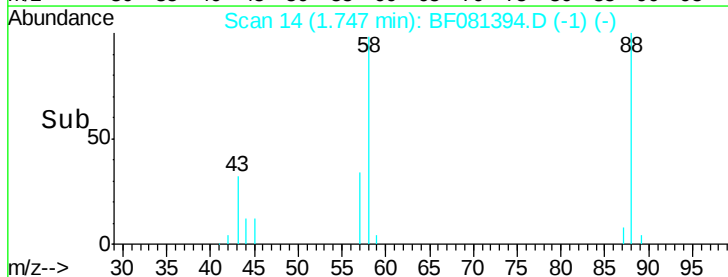
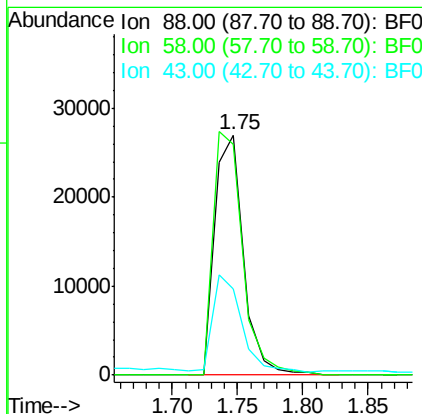
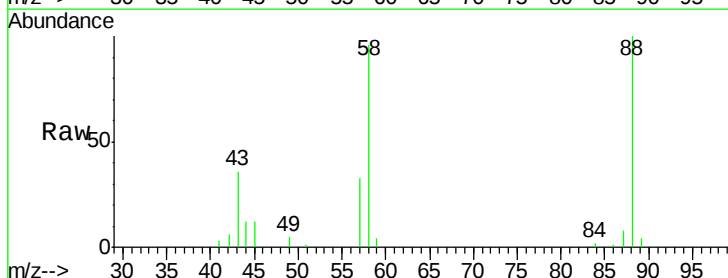
MMDadoda  
9/4/2015 2:51:18 PM

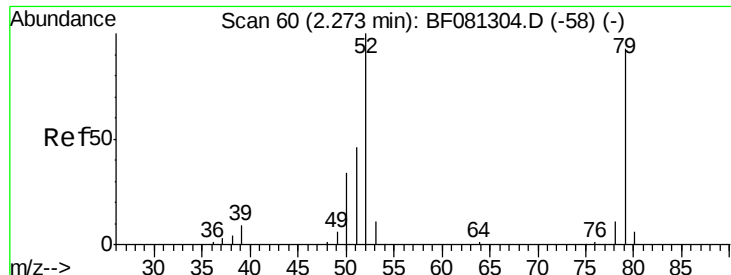


#2

1,4-Dioxane  
Concen: 25.35 ng  
RT: 1.75 min Scan# 14  
Delta R.T. 0.07 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 104.1 | 77.7  | 116.5 |
| 43      | 40.2  | 26.6  | 40.0  |





#3

Pvridine

Concen: 25.84 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.05 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

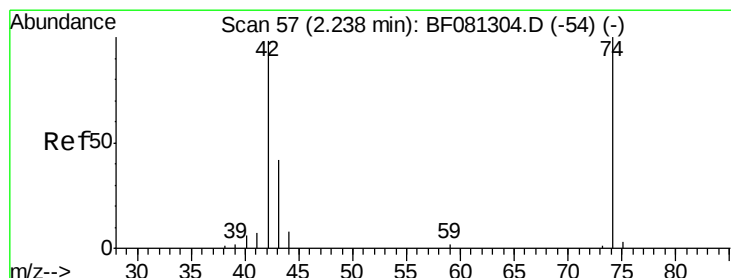
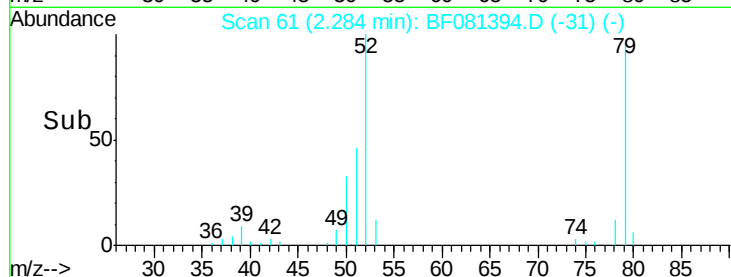
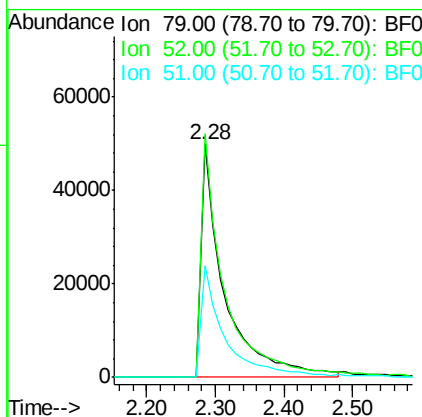
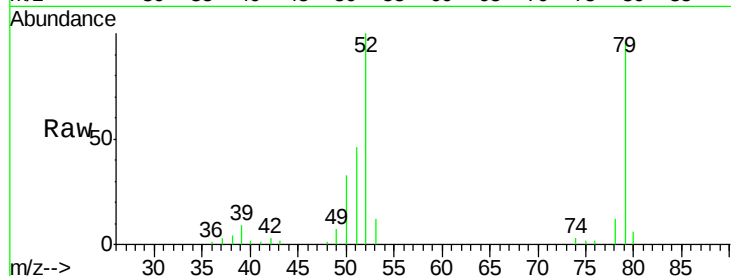
ClientSampleId :

SB-07(7-8.5)MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 116880 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 104.5 | 76.8  | 115.2  |
| 51       | 47.8  | 32.2  | 48.4   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 26.40 ng

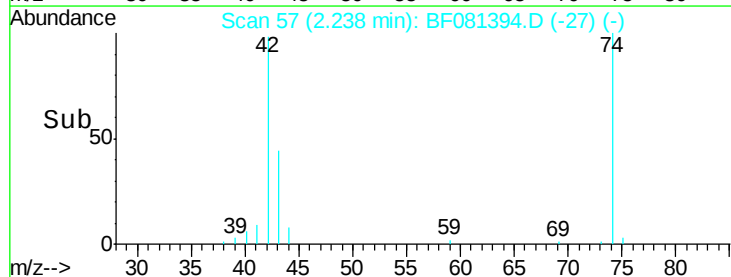
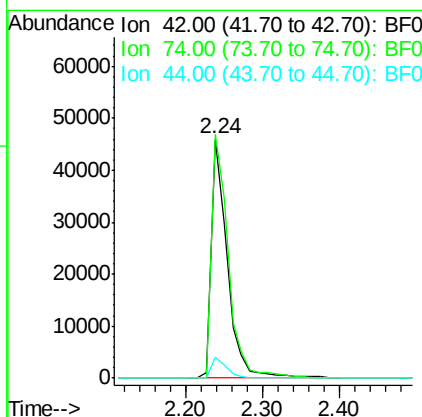
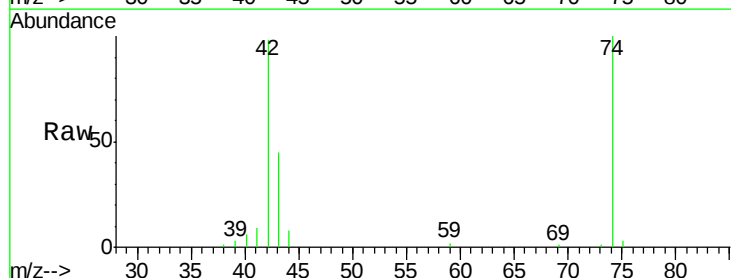
RT: 2.24 min Scan# 57

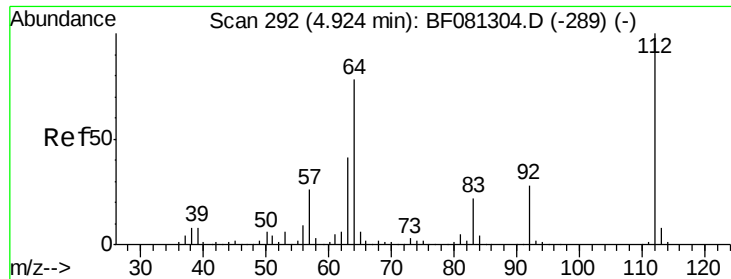
Delta R.T. 0.05 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 66345  |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 102.0 | 105.0 | 157.6# |
| 44       | 8.5   | 6.6   | 10.0   |





#5

2-Fluorophenol

Concen: 94.09 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081394.D

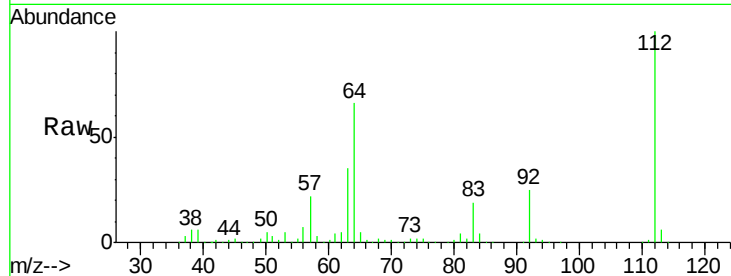
Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

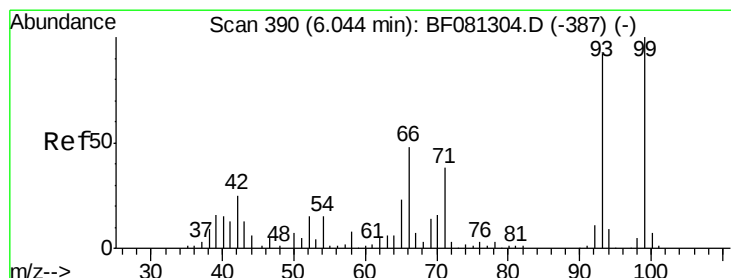
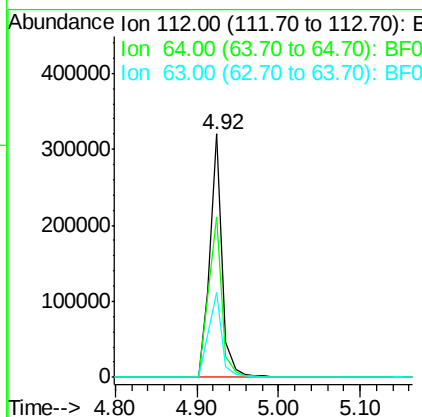
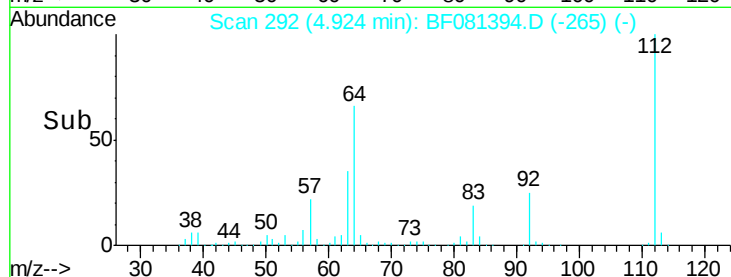
SB-07(7-8.5)MS



| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 343624 |       |       |
| 64      | 65.9 | 39.7  | 59.5#  |       |       |
| 63      | 34.7 | 17.4  | 26.0#  |       |       |

Manual Integrations  
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#6

Aniline

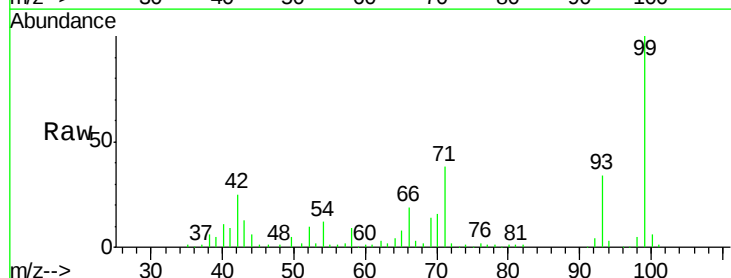
Concen: 17.78 ng

RT: 6.03 min Scan# 389

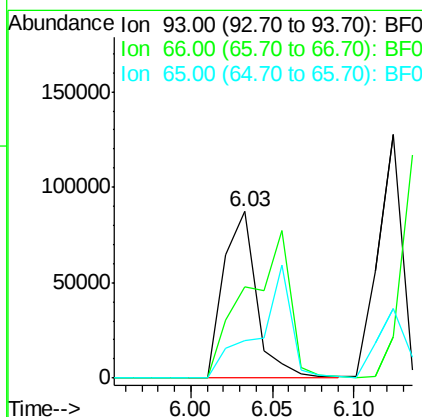
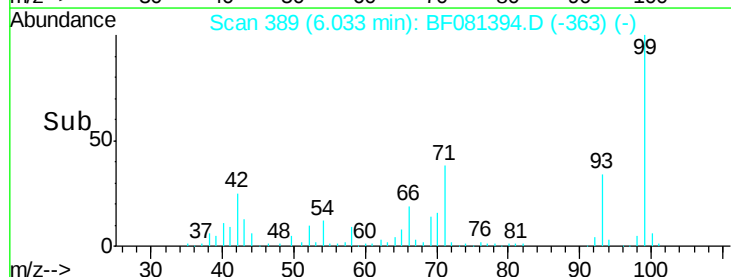
Delta R.T. 0.00 min

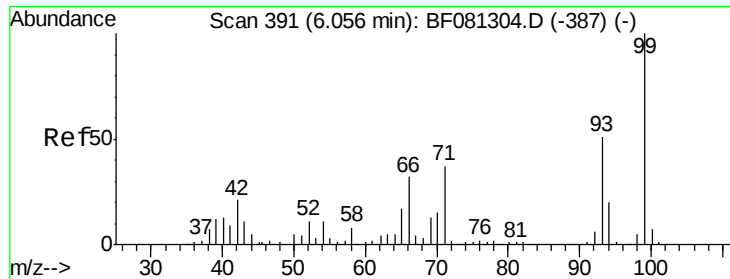
Lab File: BF081394.D

Acq: 4 Sep 2015 00:27



| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 121361 |       |       |
| 66      | 54.9 | 27.2  | 40.8#  |       |       |
| 65      | 22.6 | 14.7  | 22.1#  |       |       |





#7

Phenol-d6

Concen: 99.60 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

SB-07(7-8.5)MS

Tot Ion: 99 Resp: 481485

Ion Ratio Lower Upper

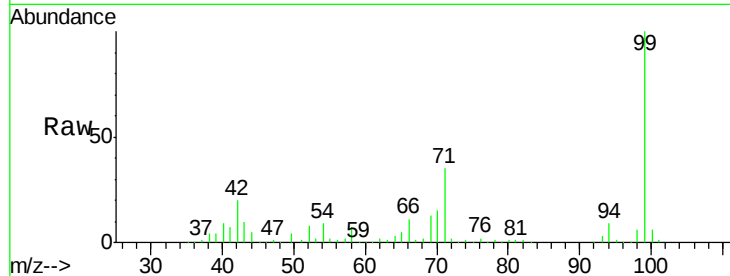
99 100

42 19.8 13.7 20.5

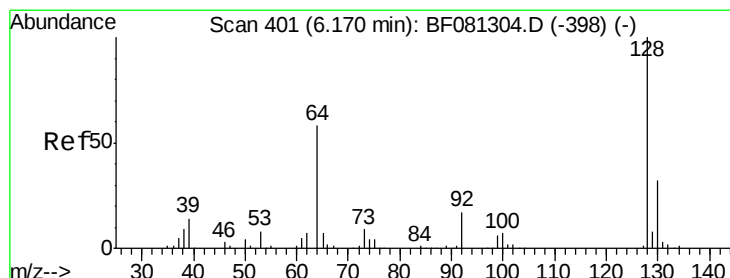
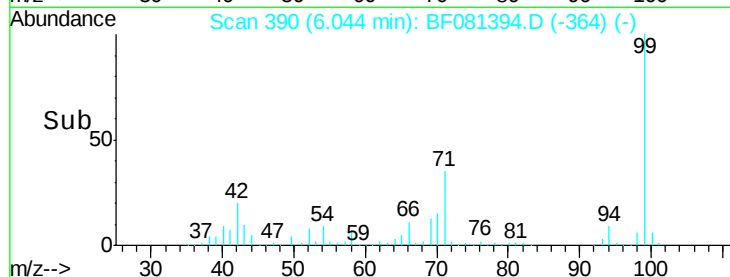
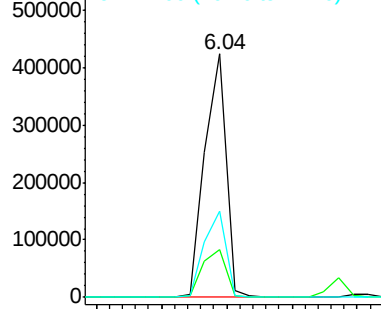
71 35.4 14.2 21.2#

Manual Integrations  
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MMDadoda  
9/4/2015 2:51:18 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 28.80 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

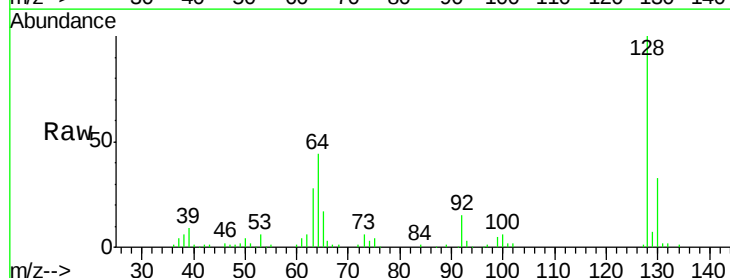
Tgt Ion:128 Resp: 115886

Ion Ratio Lower Upper

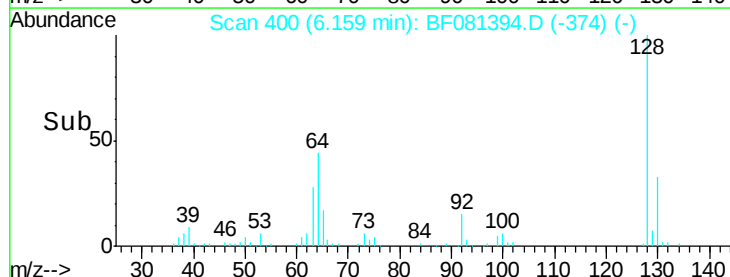
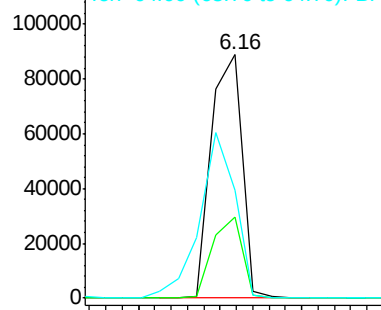
128 100

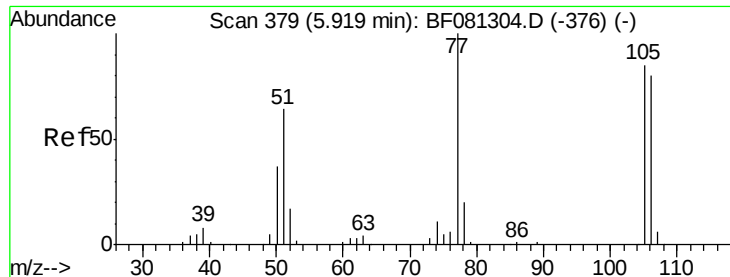
130 33.0 12.2 52.2

64 44.4 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0





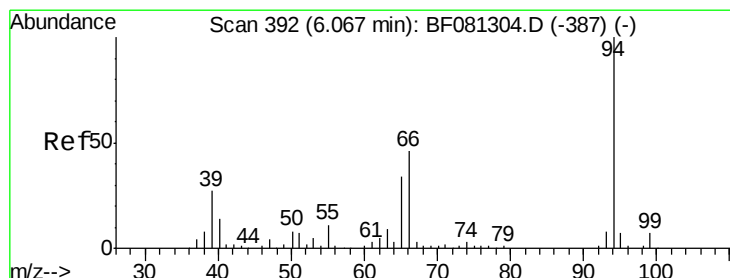
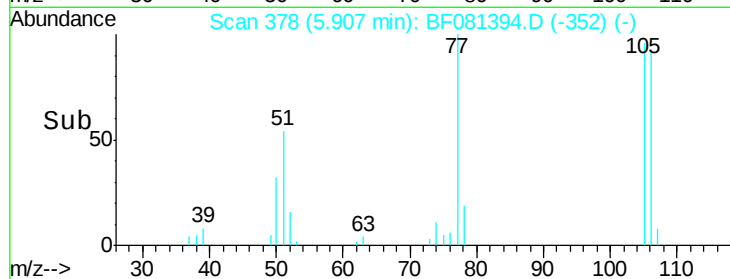
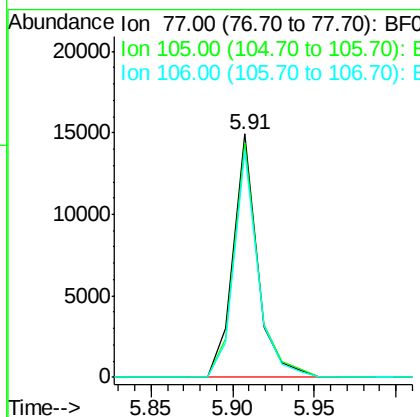
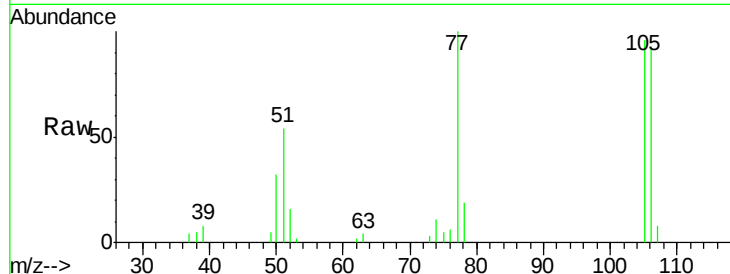
#9  
Benzaldehyde  
Concen: 5.06 ng  
RT: 5.91 min Scan# 378  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 96.5  | 91.6  | 131.6 |
| 106     | 93.4  | 102.6 | 142.6 |

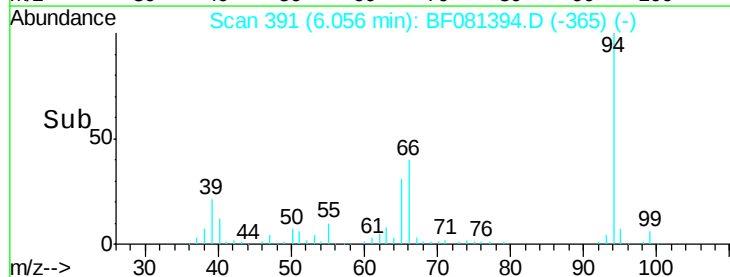
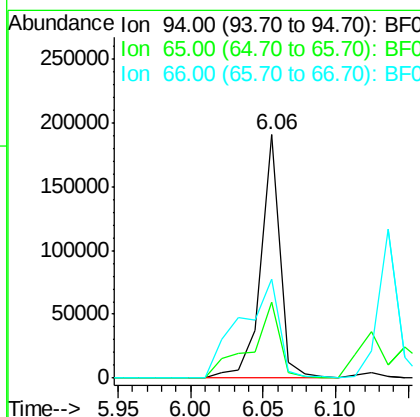
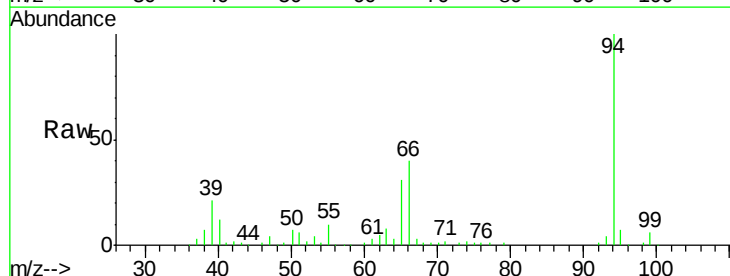
Manual Integrations  
APPROVED

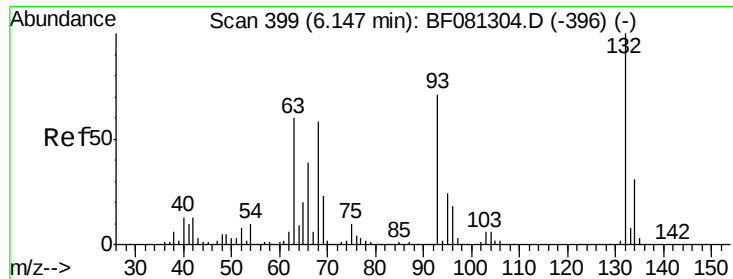
MMDadoda  
9/4/2015 2:51:18 PM



#10  
Phenol  
Concen: 31.43 ng  
RT: 6.06 min Scan# 391  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 31.0  | 0.7   | 40.7  |
| 66      | 40.4  | 0.8   | 40.8  |





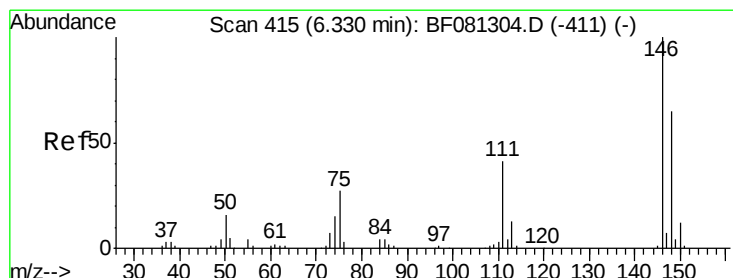
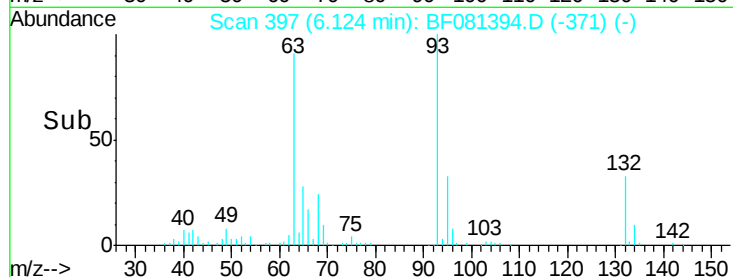
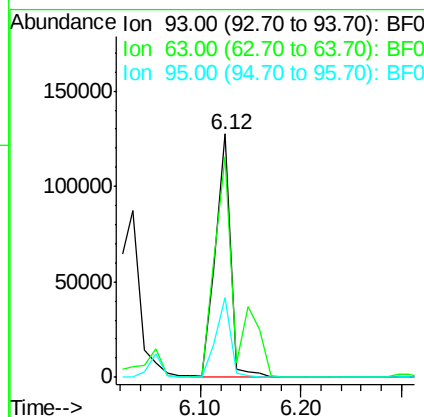
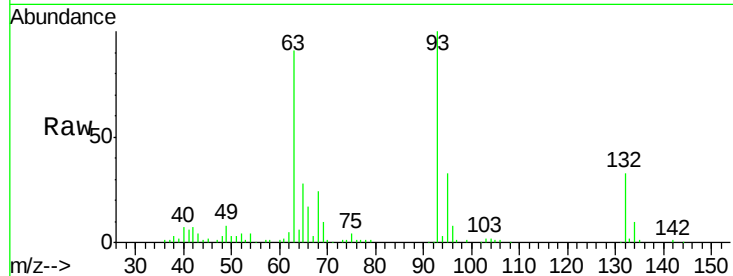
#11  
bis(2-Chloroethyl)ether  
Concen: 33.28 ng  
RT: 6.12 min Scan# 397  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 134601 |       |       |
| 63      | 90.6  | 65.6   | 105.6 |       |
| 95      | 32.9  | 13.6   | 53.6  |       |

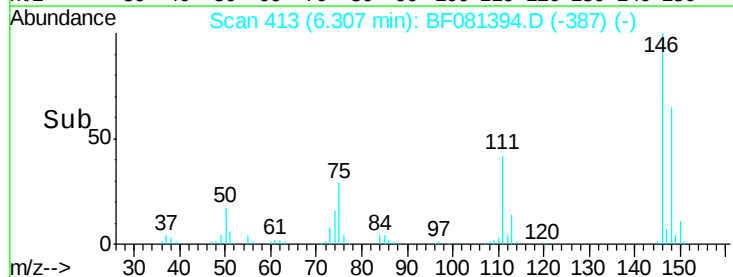
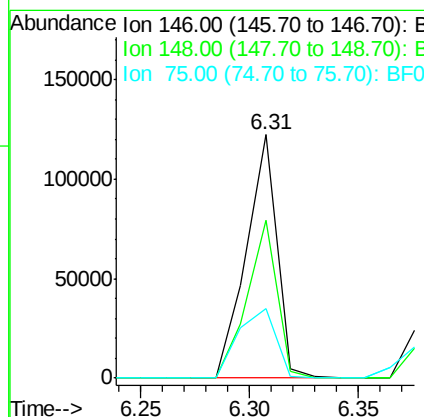
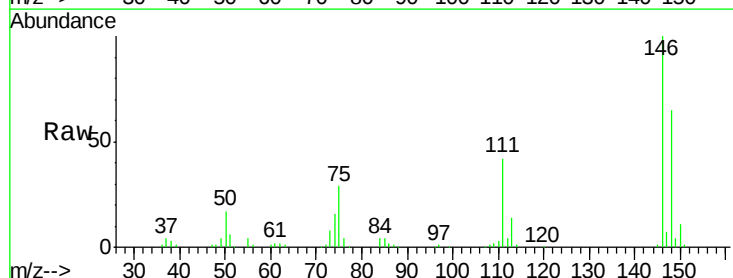
Manual Integrations  
APPROVED

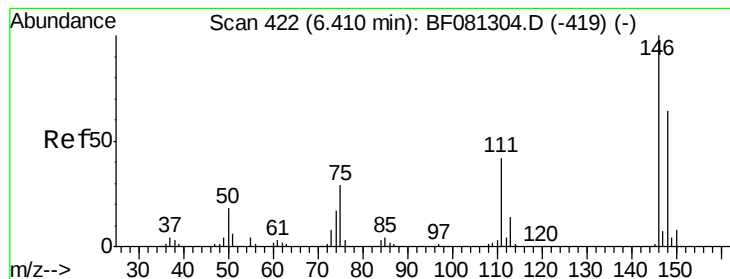
MMDadoda  
9/4/2015 2:51:18 PM



#12  
1,3-Dichlorobenzene  
Concen: 27.75 ng  
RT: 6.31 min Scan# 413  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 119334 |       |       |
| 148     | 64.9  | 51.0   | 76.4  |       |
| 75      | 28.8  | 15.0   | 22.6  |       |





#13

1,4-Dichlorobenzene

Concen: 28.20 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

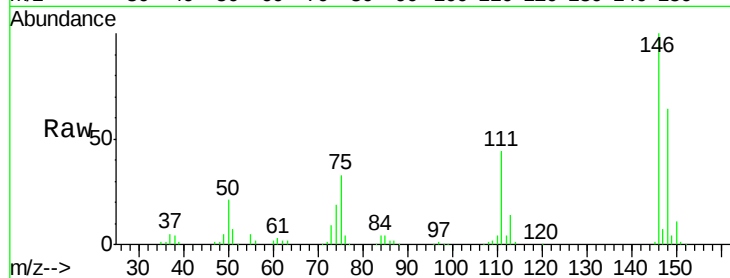
ClientSampleId :

SB-07(7-8.5)MS

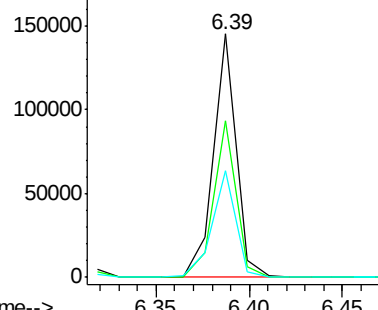
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 123448 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.4  | 51.8  | 77.6   |
| 111       | 43.7  | 24.9  | 37.3#  |

Manual Integrations  
APPROVED

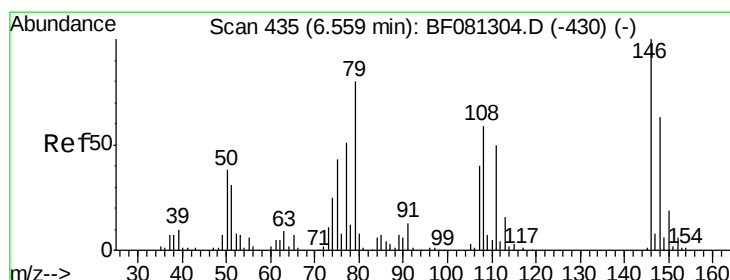
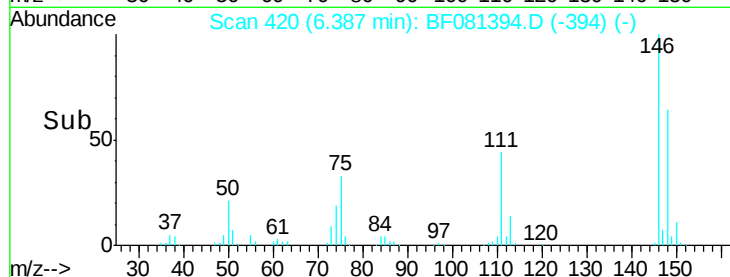
MMDadoda  
9/4/2015 2:51:18 PM



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



Time-->



#14

1,2-Dichlorobenzene

Concen: 28.44 ng m

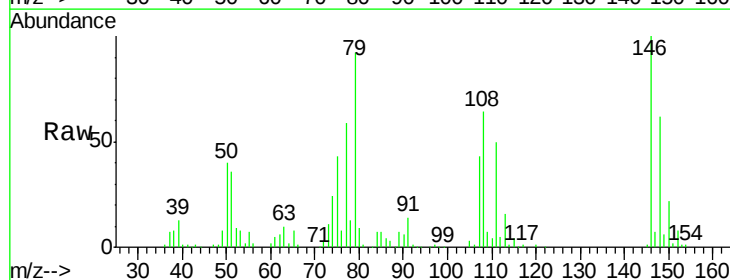
RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

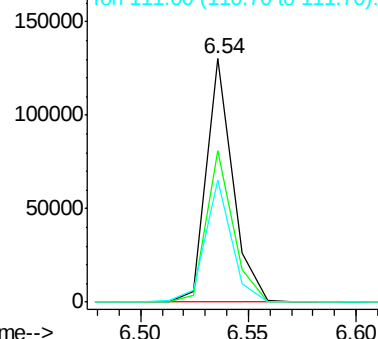
Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

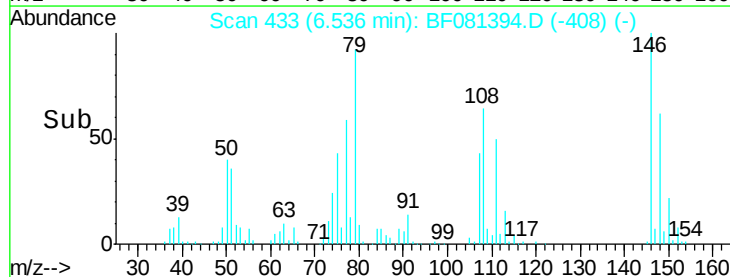
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 112111 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.0  | 52.7  | 79.1   |
| 111       | 50.2  | 28.8  | 43.2#  |

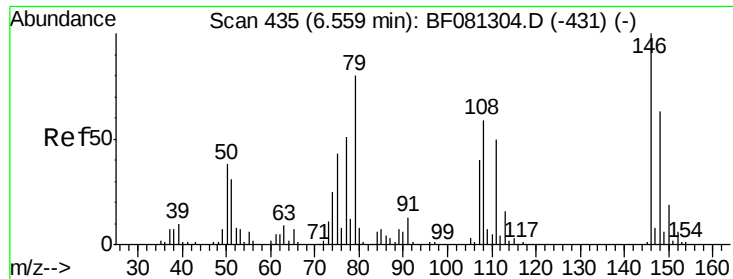


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



Time-->





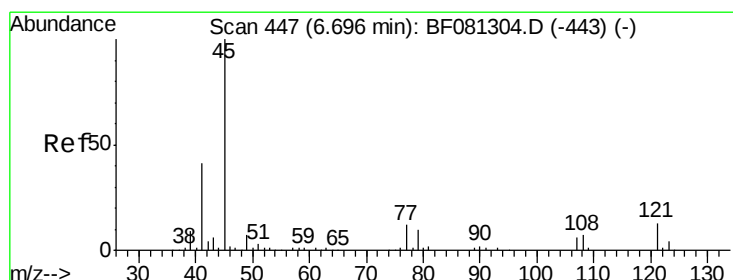
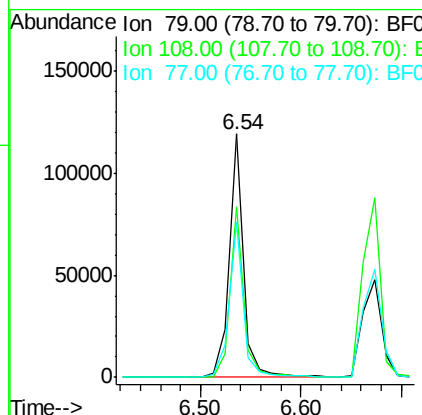
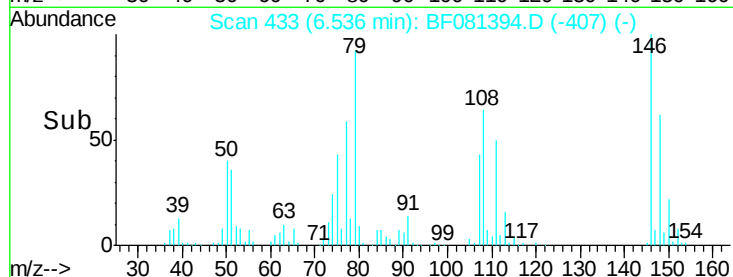
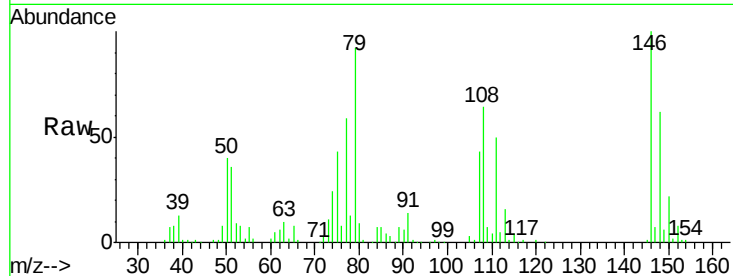
#15  
Benzyl Alcohol  
Concen: 29.79 ng  
RT: 6.54 min Scan# 433  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 79      | 100   | 118127 |        |       |
| 108     | 70.1  | 88.6   | 132.8# |       |
| 77      | 64.0  | 47.0   | 70.4   |       |

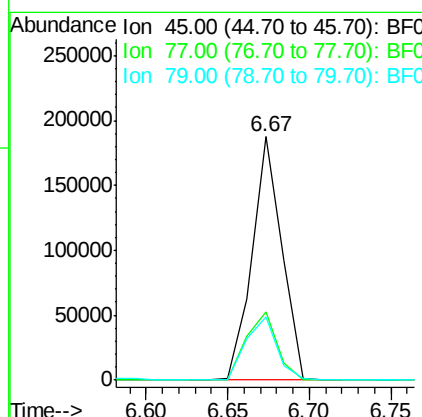
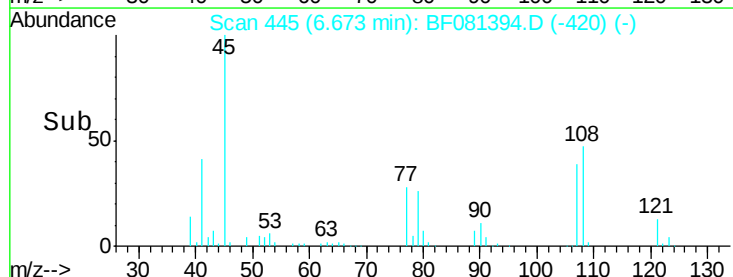
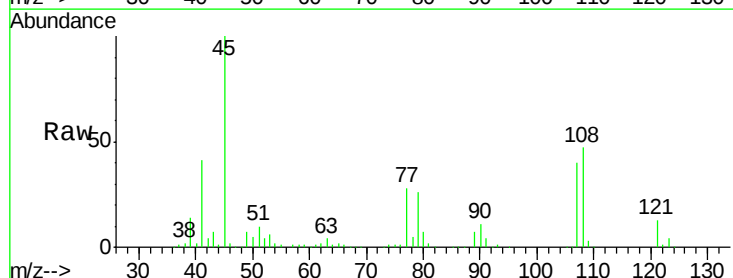
Manual Integrations  
APPROVED

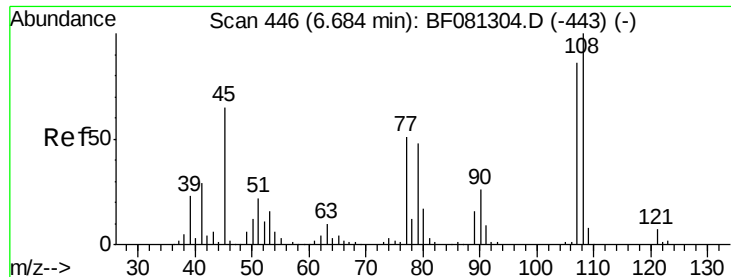
MMDadoda  
9/4/2015 2:51:18 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.49 ng  
RT: 6.67 min Scan# 445  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 236405 |       |       |
| 77      | 28.2  | 0.0    | 28.1# |       |
| 79      | 25.7  | 0.0    | 26.0  |       |





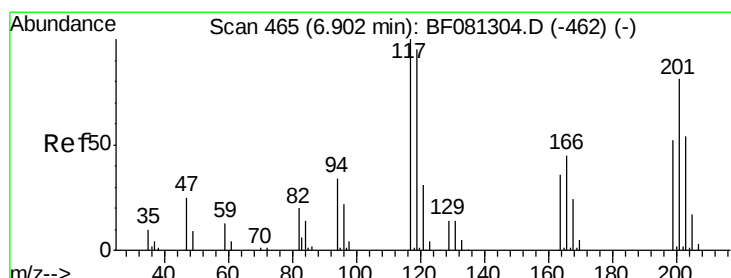
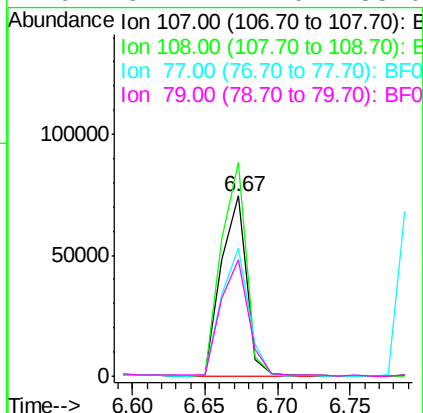
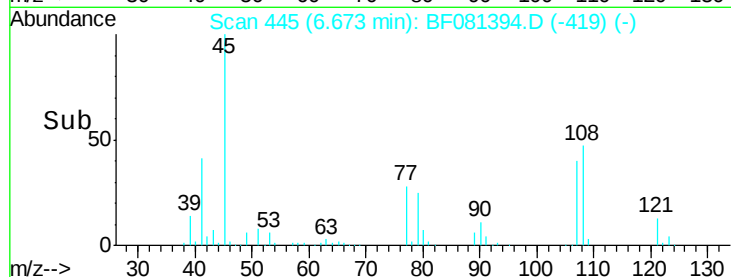
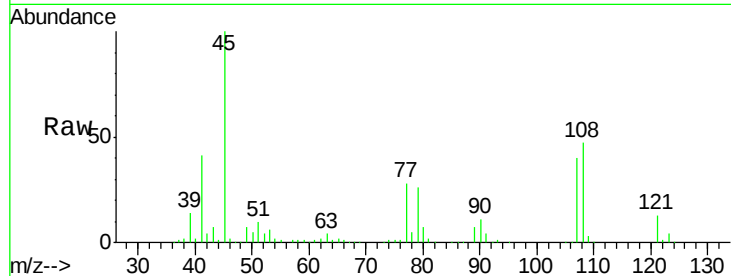
#17  
2-Methylphenol  
Concen: 28.17 ng  
RT: 6.67 min Scan# 445  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleID :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 118.5 | 96.6 | 145.0 |       |
| 77      | 71.0  | 23.3 | 34.9  |       |
| 79      | 64.7  | 22.0 | 33.0  |       |

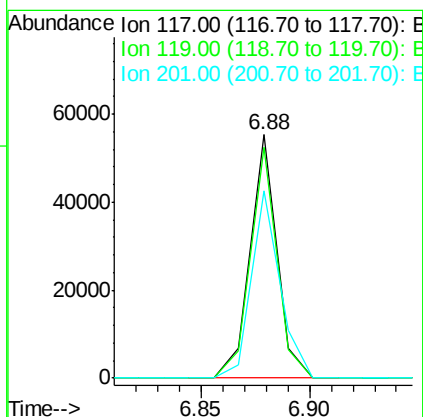
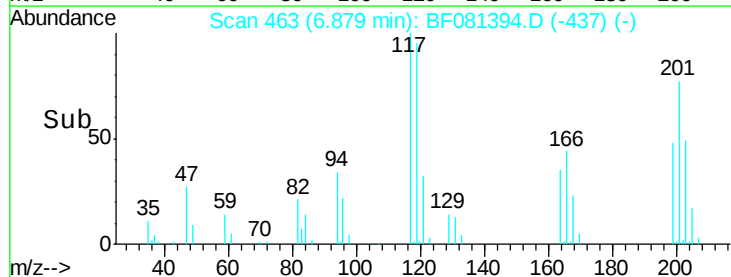
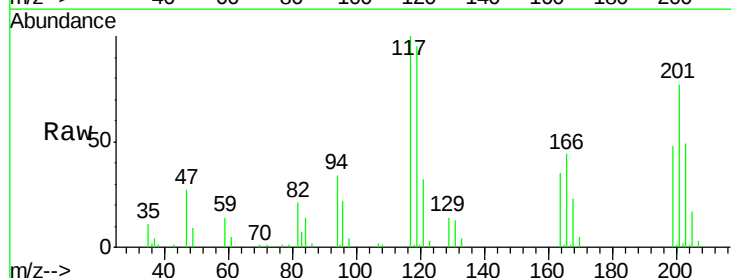
Manual Integrations  
APPROVED

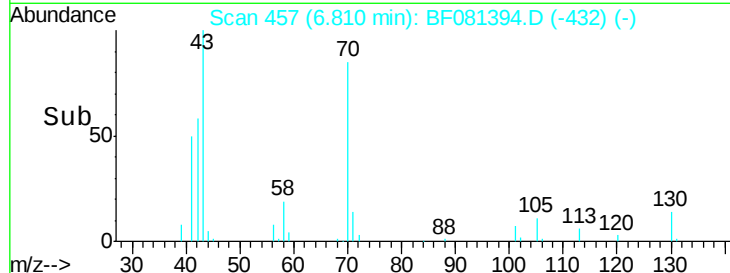
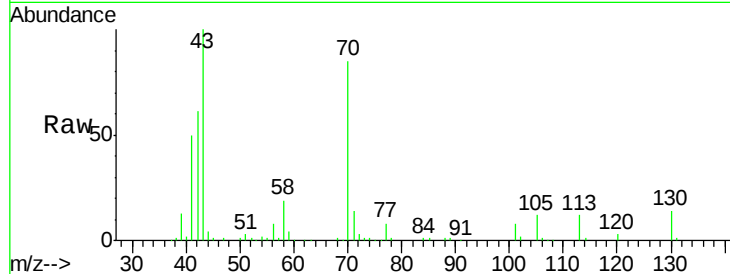
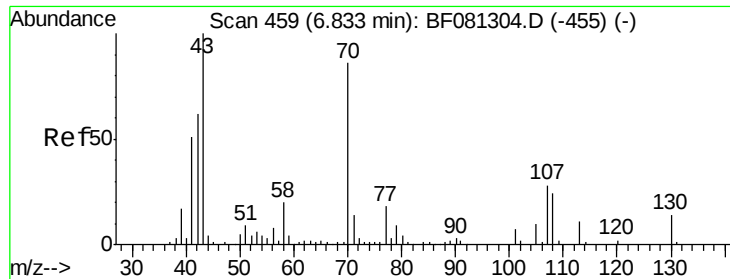
MMDadoda  
9/4/2015 2:51:18 PM



#18  
Hexachloroethane  
Concen: 27.72 ng  
RT: 6.88 min Scan# 463  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.7  | 83.8 | 125.6 |       |
| 201     | 76.7  | 55.1 | 82.7  |       |





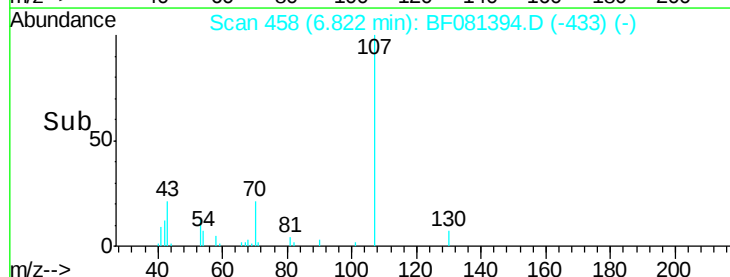
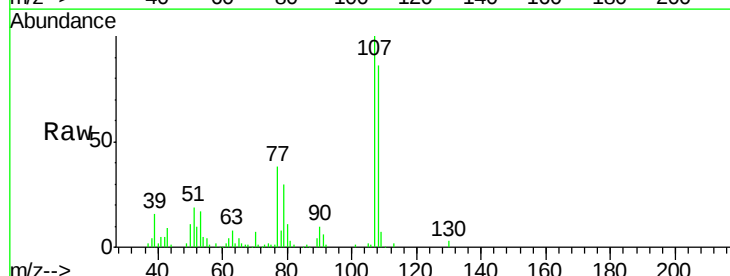
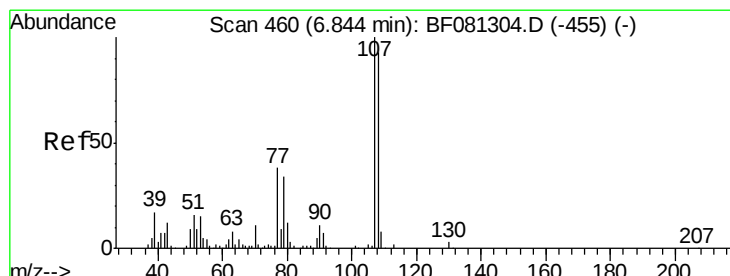
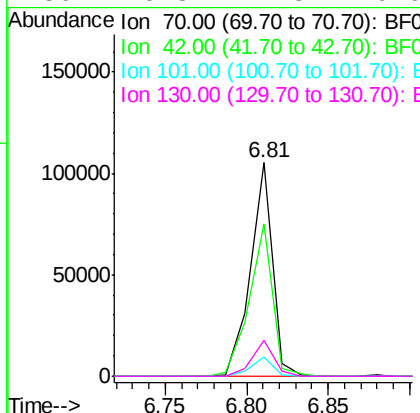
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.95 ng  
RT: 6.81 min Scan# 457  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 71.3 |       | 63.8 |       | 95.6  |
| 101     | 9.1  |       | 9.2  |       | 13.8# |
| 130     | 16.8 |       | 27.3 |       | 40.9# |

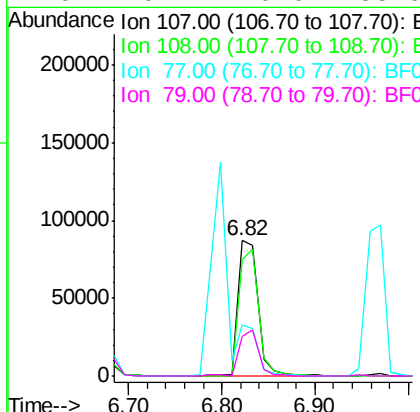
Manual Integrations  
APPROVED

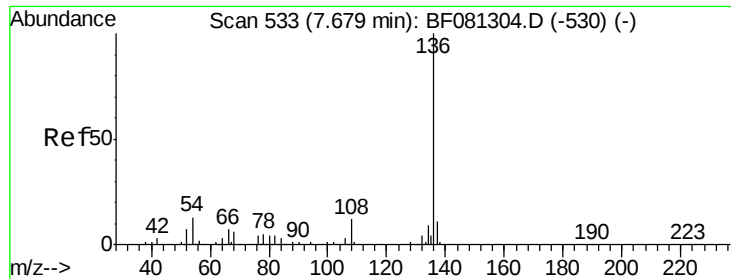
MMDadoda  
9/4/2015 2:51:18 PM



#20  
3+4-Methylphenols  
Concen: 30.21 ng  
RT: 6.82 min Scan# 458  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 108     | 86.3 |       | 74.6 |       | 114.6 |
| 77      | 37.9 |       | 0.7  |       | 40.7  |
| 79      | 29.7 |       | 0.0  |       | 38.9  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081394.D

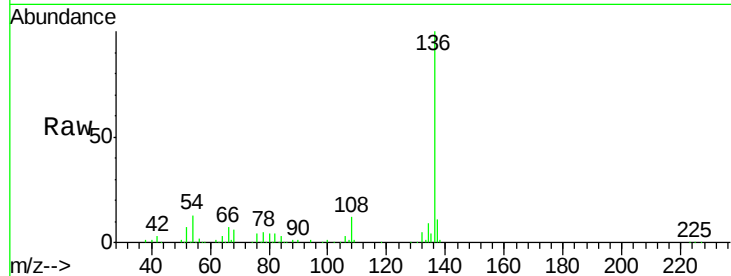
Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

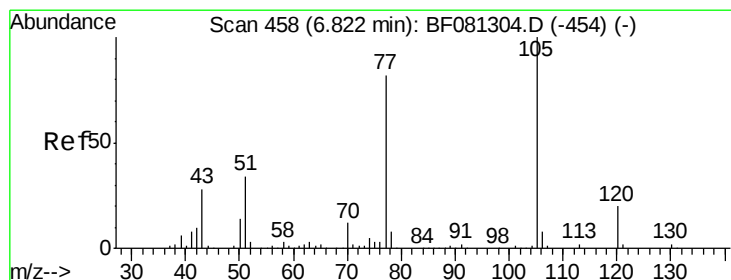
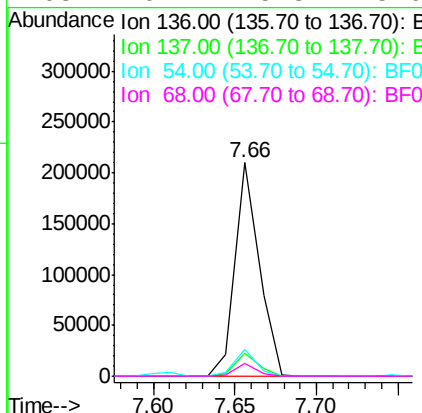
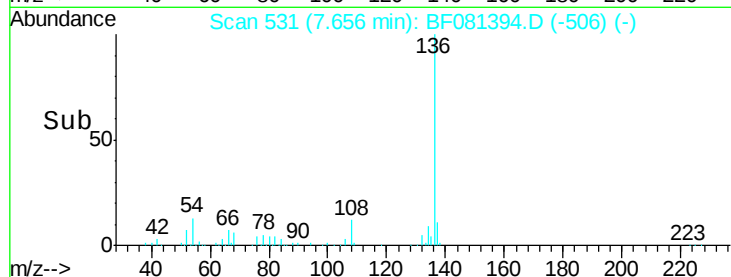
SB-07(7-8.5)MS



| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.1  | 9.0  | 13.6  |       |
| 54      | 12.9  | 8.2  | 12.2# |       |
| 68      | 6.2   | 5.8  | 8.6   |       |

Manual Integrations  
APPROVED

MMDadoda  
9/4/2015 2:51:18 PM



#22

Acetophenone

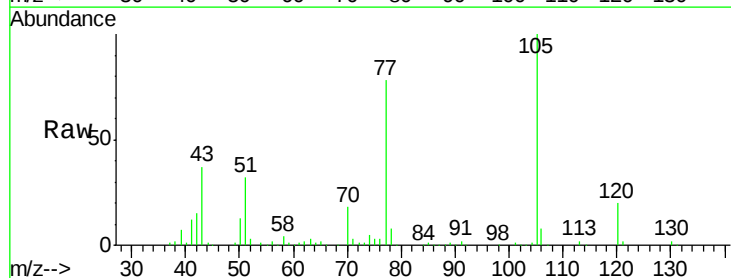
Concen: 31.50 ng

RT: 6.80 min Scan# 456

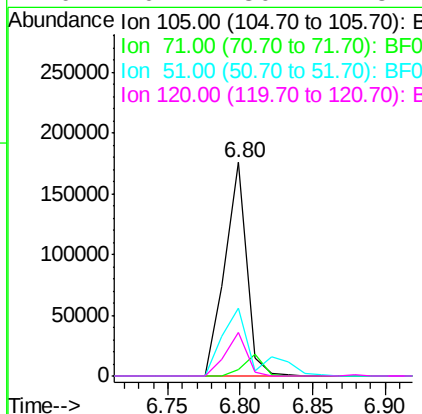
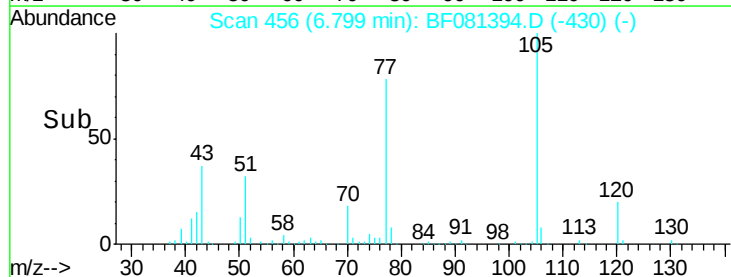
Delta R.T. 0.00 min

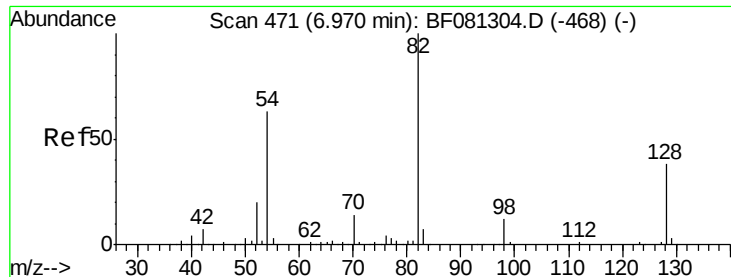
Lab File: BF081394.D

Acq: 4 Sep 2015 00:27



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 3.2   | 4.7  | 7.1#  |       |
| 51      | 31.9  | 22.0 | 33.0  |       |
| 120     | 20.2  | 30.1 | 45.1# |       |





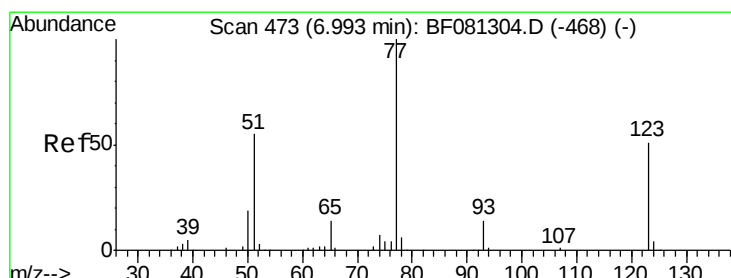
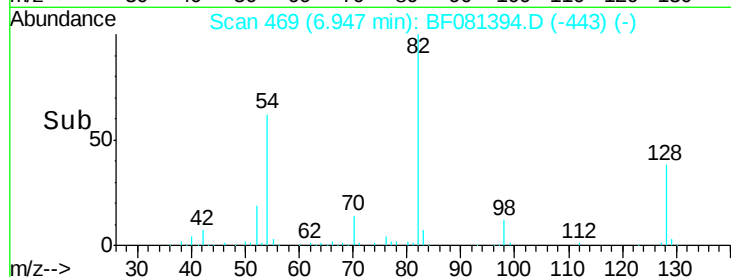
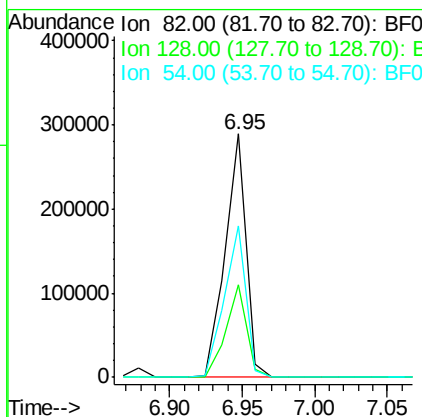
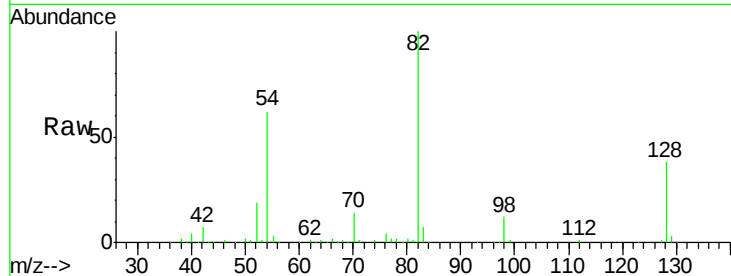
#23  
Nitrobenzene-d5  
Concen: 65.51 ng  
RT: 6.95 min Scan# 469  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 290487 |       |       |
| 128     | 38.2  | 51.0   | 76.6# |       |
| 54      | 62.3  | 47.5   | 71.3  |       |

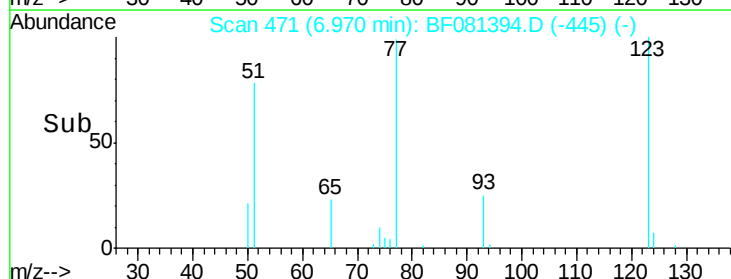
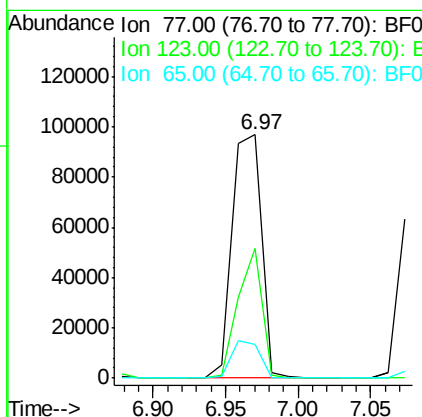
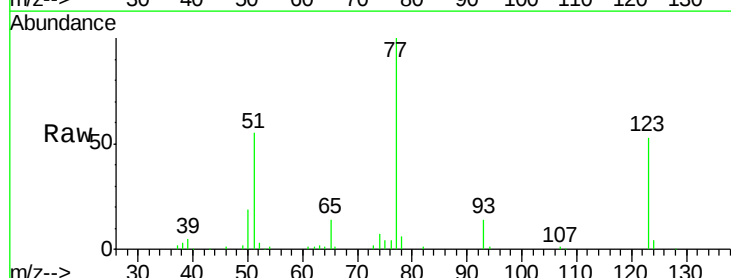
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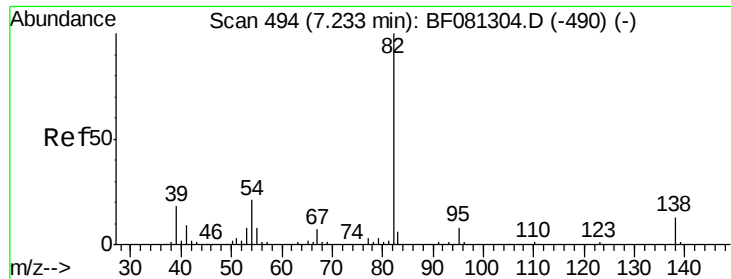
MMDadoda  
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#24  
Nitrobenzene  
Concen: 29.67 ng  
RT: 6.97 min Scan# 471  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 136615 |       |       |
| 123     | 53.4  | 59.8   | 89.8# |       |
| 65      | 13.9  | 10.2   | 15.4  |       |





#25

Isophorone

Concen: 29.46 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

SB-07(7-8.5)MS

Tot Ion: 82 Resp: 242957  
Ion Ratio Lower Upper

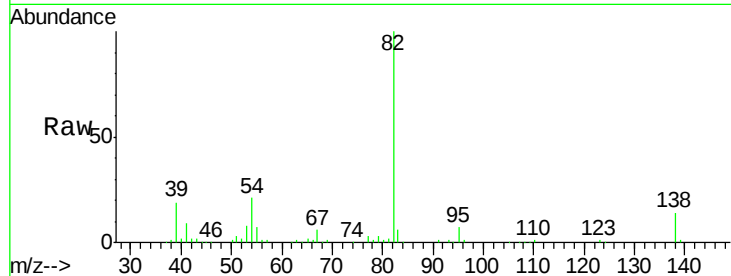
82 100

95 7.2 4.0 6.0#

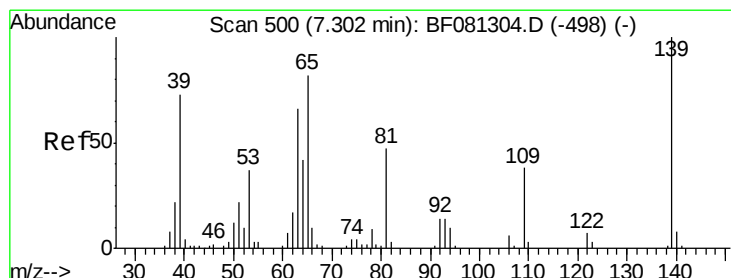
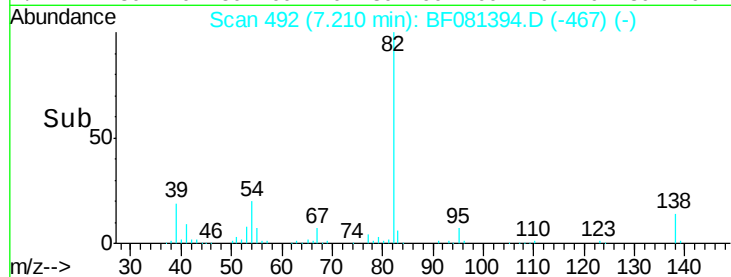
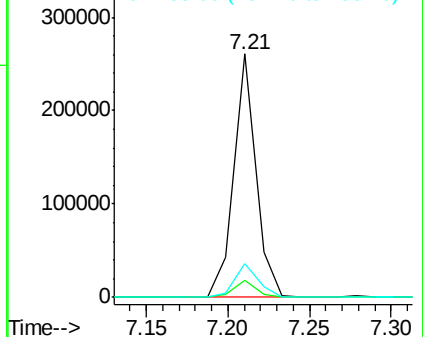
138 13.8 18.3 27.5#

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



#26

2-Nitrophenol

Concen: 29.22 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081394.D

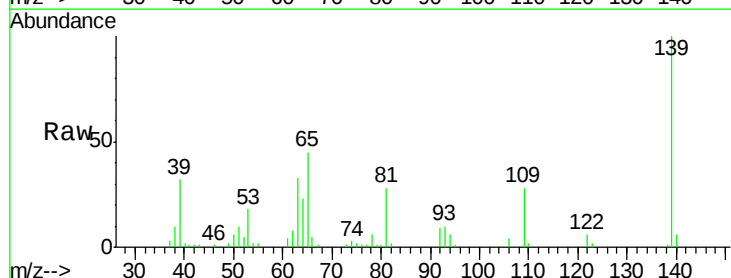
Acq: 4 Sep 2015 00:27

Tgt Ion: 139 Resp: 58635  
Ion Ratio Lower Upper

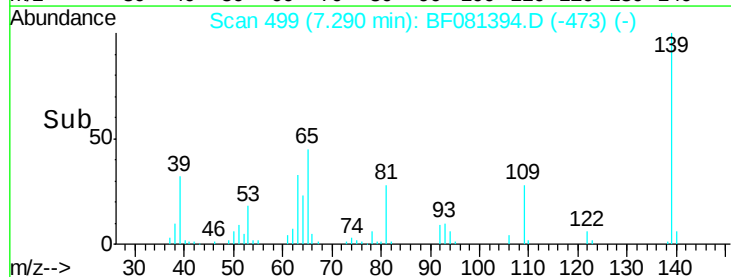
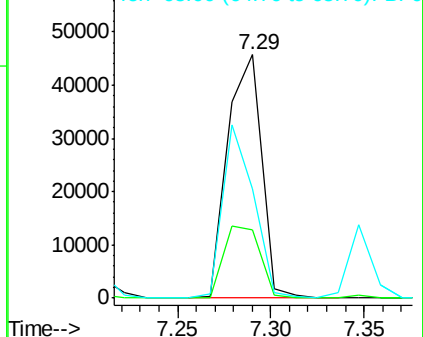
139 100

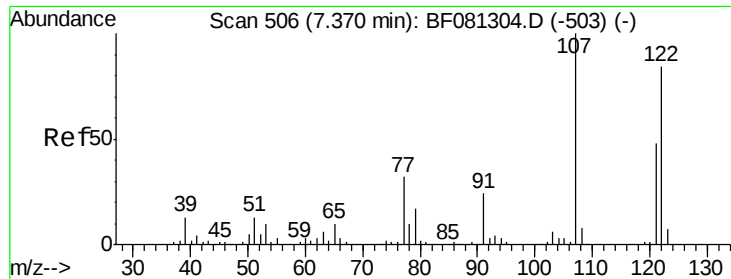
109 28.1 11.0 16.4#

65 44.9 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 26.80 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

SB-07(7-8.5)MS

Tot Ion:122 Resp: 92883

Ion Ratio Lower Upper

122 100

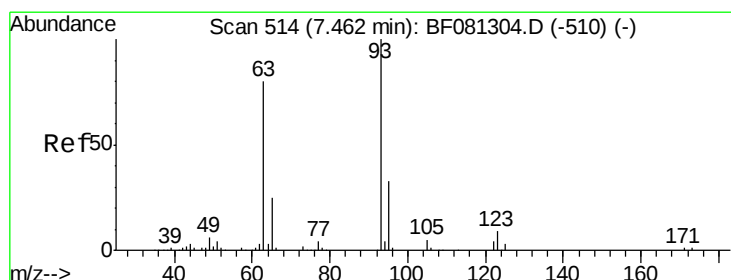
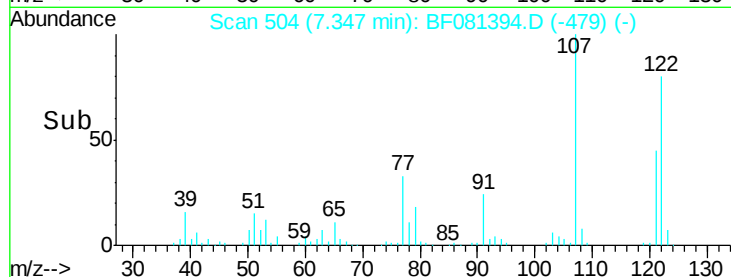
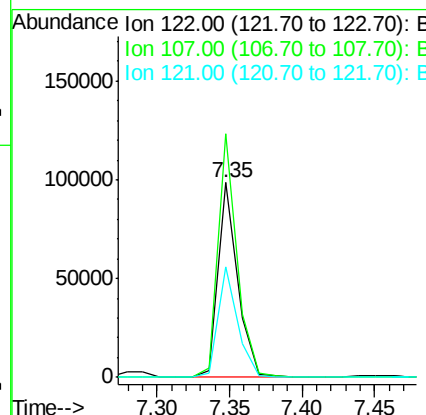
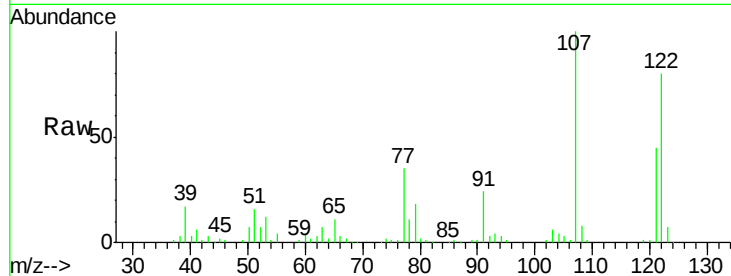
107 125.2 71.8 107.6#

121 57.0 42.3 63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 32.90 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

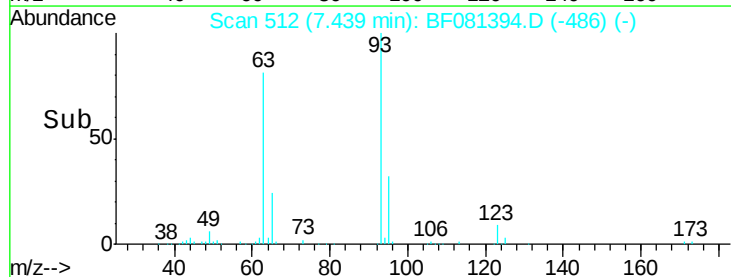
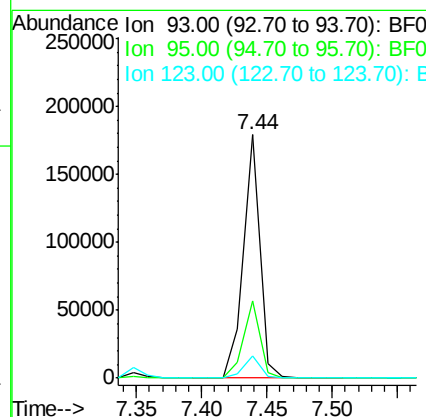
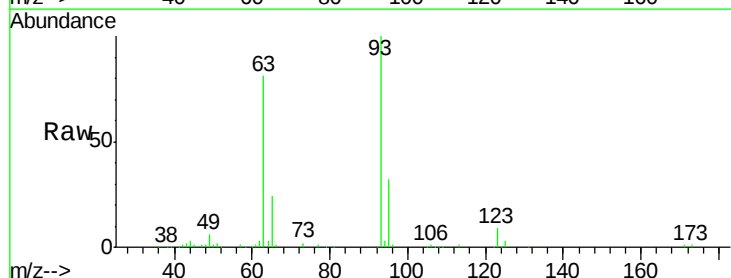
Tgt Ion: 93 Resp: 156709

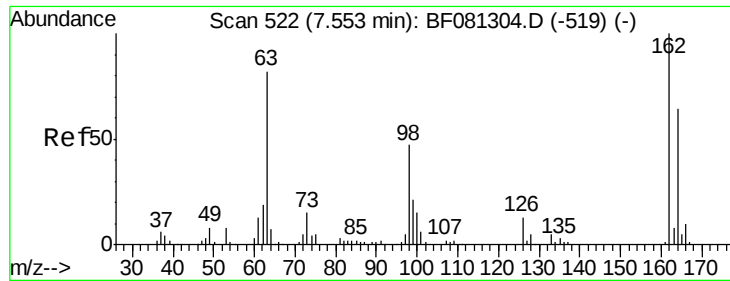
Ion Ratio Lower Upper

93 100

95 31.9 27.5 41.3

123 9.3 13.7 20.5#





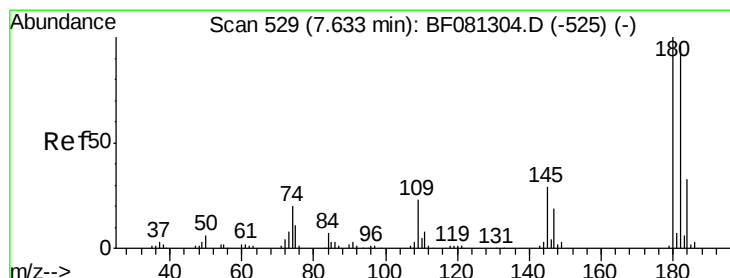
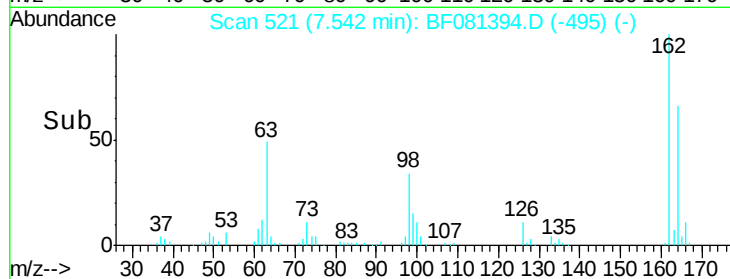
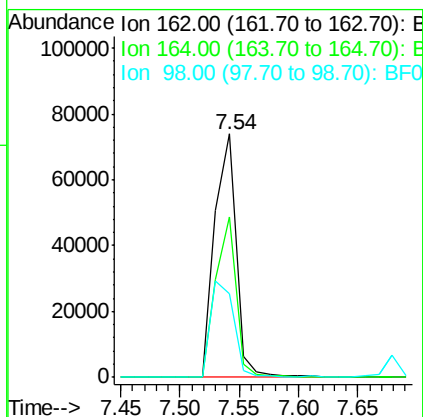
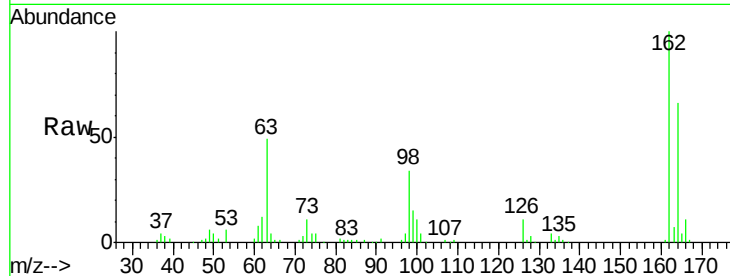
#29  
 2,4-Dichlorophenol  
 Concen: 30.71 ng  
 RT: 7.54 min Scan# 521  
 Delta R.T. 0.00 min  
 Lab File: BF081394.D  
 Acq: 4 Sep 2015 00:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07(7-8.5)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 92323 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 66.1  | 44.9  | 84.9  |
| 98        | 34.2  | 13.0  | 53.0  |

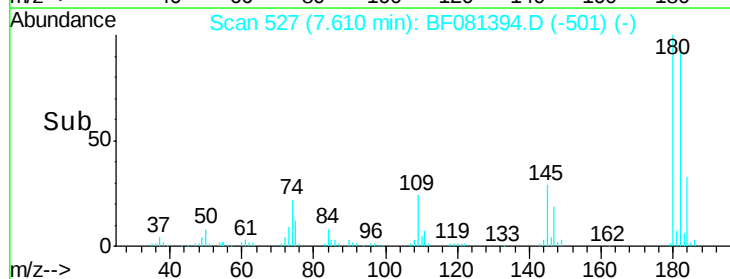
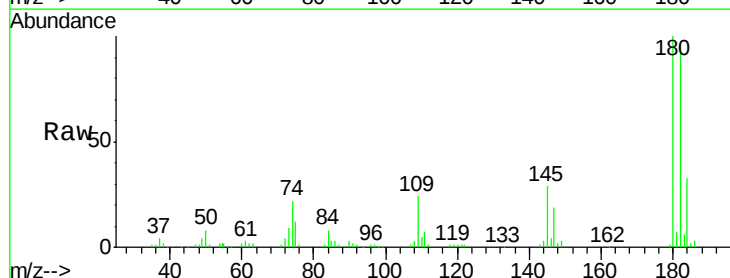
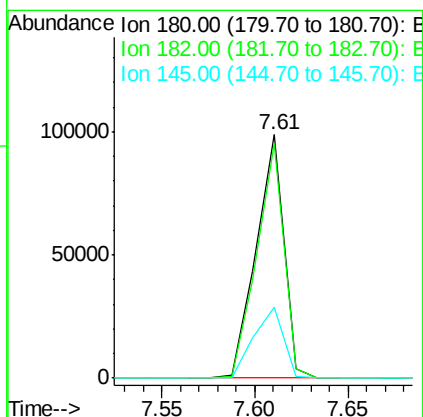
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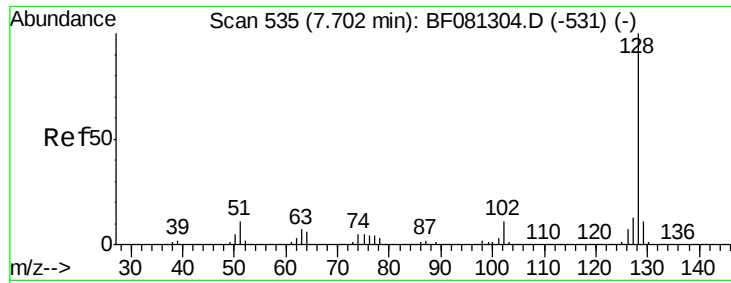
MMDadoda  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 30.91 ng  
 RT: 7.61 min Scan# 527  
 Delta R.T. 0.00 min  
 Lab File: BF081394.D  
 Acq: 4 Sep 2015 00:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 100939 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.4  | 77.1  | 115.7  |
| 145       | 29.3  | 23.3  | 34.9   |





#31

Naphthalene

Concen: 30.21 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

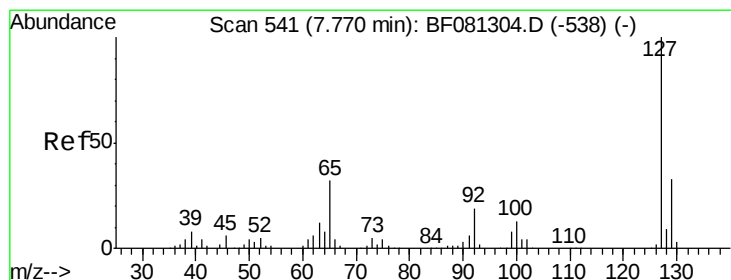
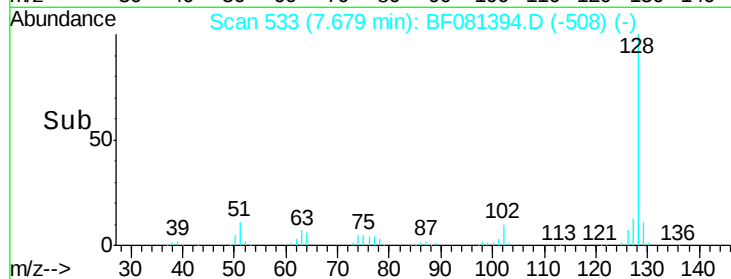
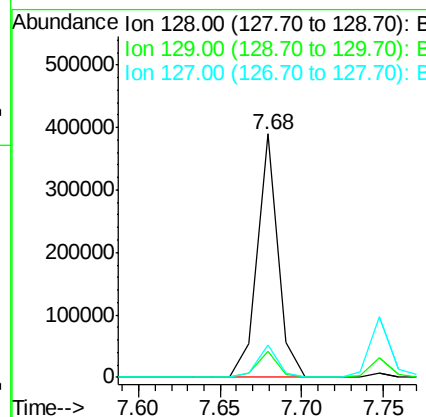
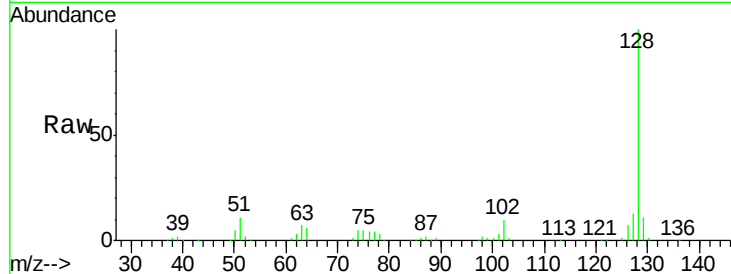
ClientSampleId :

SB-07(7-8.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 344696 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 10.9  | 8.4   | 12.6   |
| 127       | 13.2  | 9.9   | 14.9   |

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#33

4-Chloroaniline

Concen: 19.33 ng

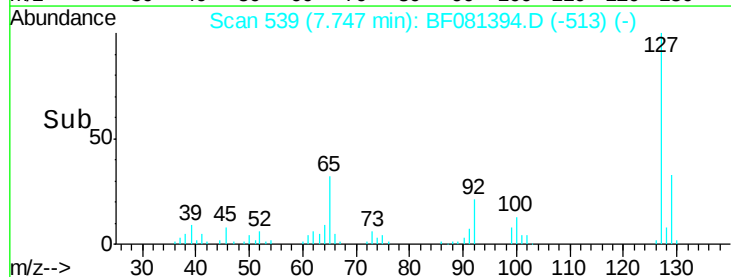
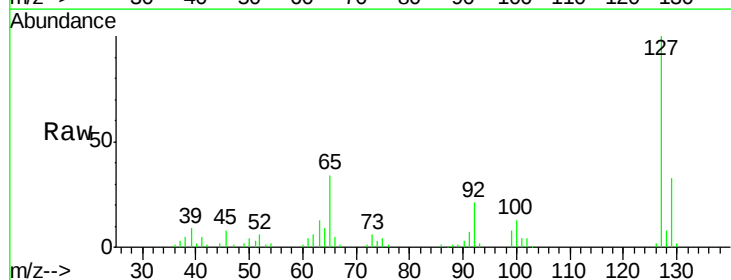
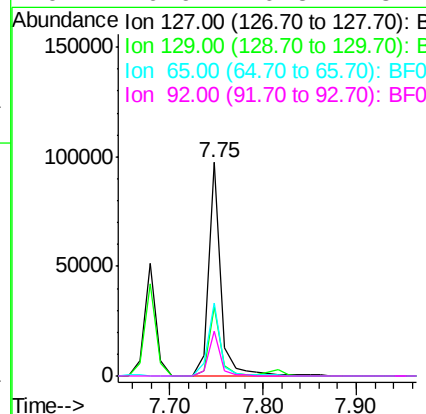
RT: 7.75 min Scan# 539

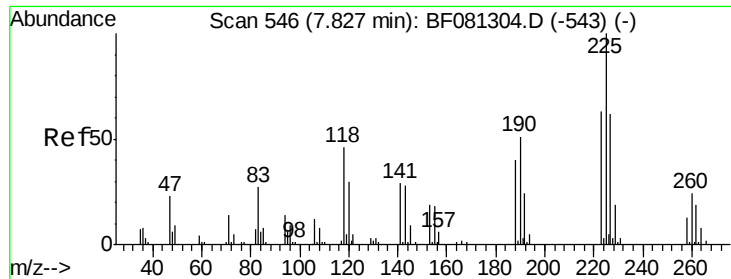
Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 89963 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.6  | 25.8  | 38.6  |
| 65        | 34.3  | 17.9  | 26.9# |
| 92        | 20.9  | 10.5  | 15.7# |





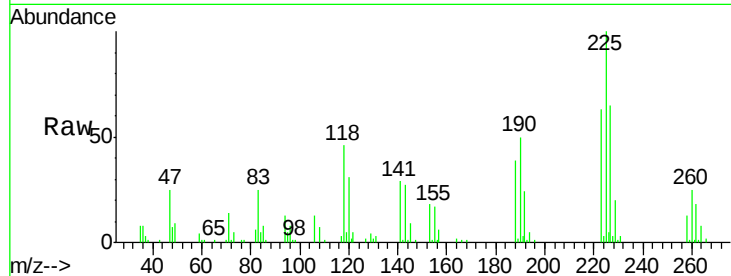
#34  
Hexachlorobutadiene  
Concen: 28.61 ng  
RT: 7.80 min Scan# 544  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

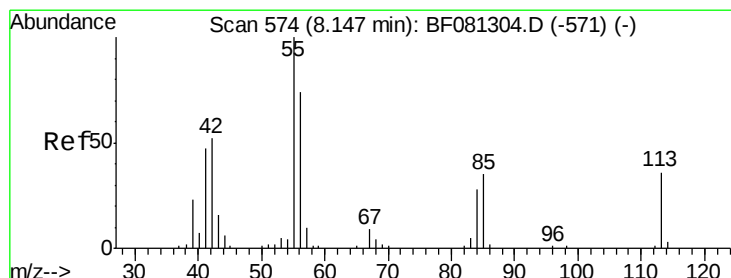
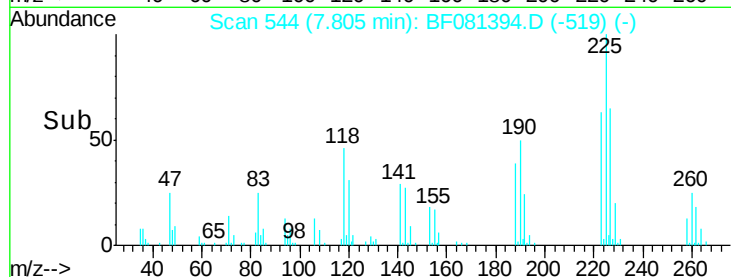
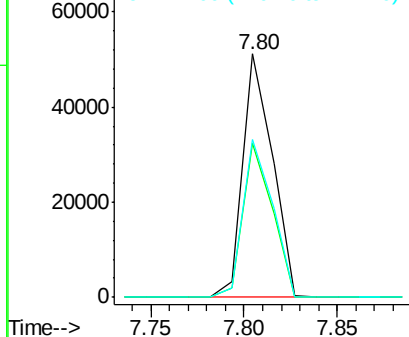
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.1  | 50.2  | 75.2  |
| 227     | 64.9  | 52.2  | 78.2  |

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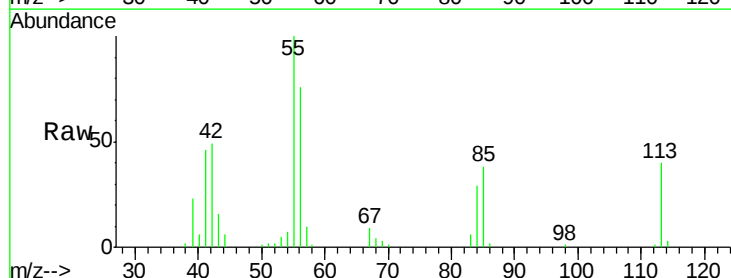


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

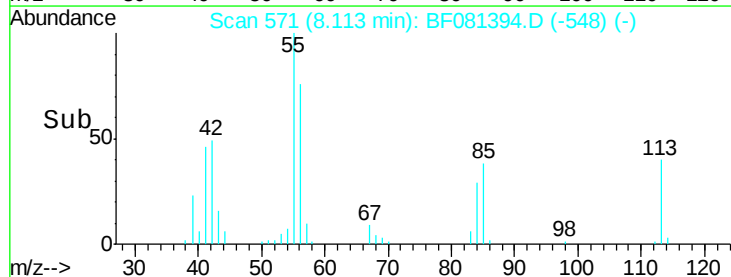
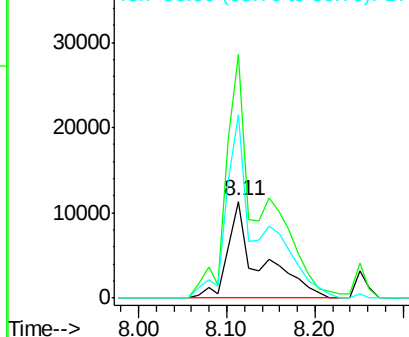


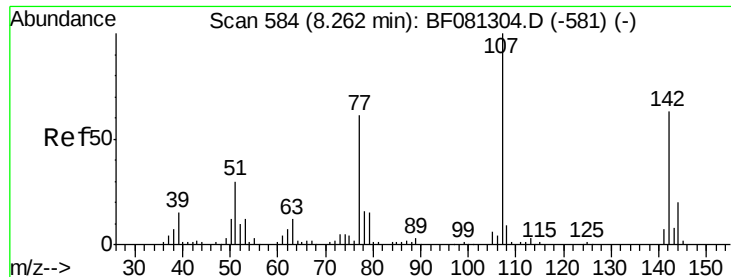
#35  
Caprolactam  
Concen: 30.85 ng m  
RT: 8.11 min Scan# 571  
Delta R.T. -0.03 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 252.4 | 152.4 | 192.4# |
| 56      | 190.8 | 104.6 | 144.6# |



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 31.93 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

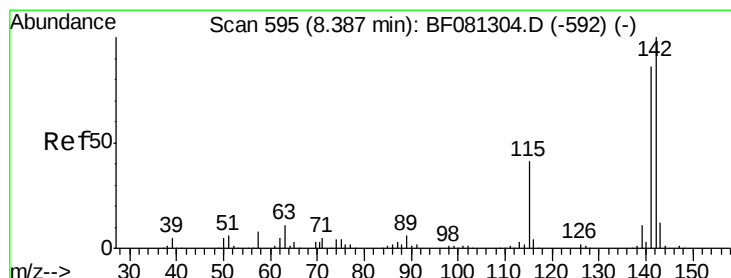
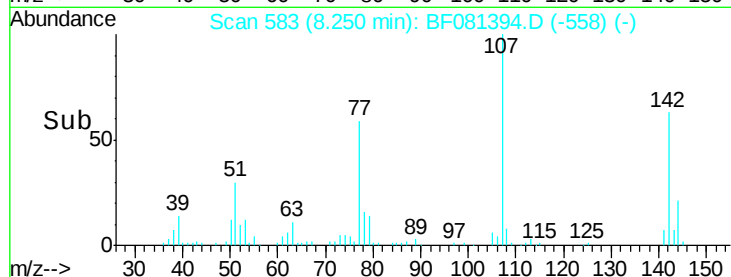
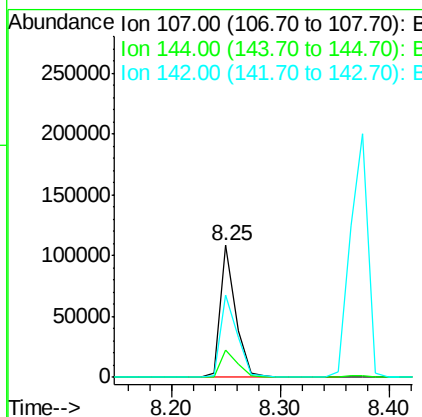
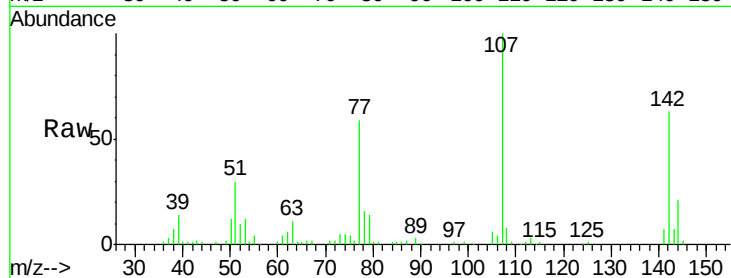
ClientSampleId :

SB-07(7-8.5)MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 144     | 20.6  | 25.4  | 38.0#  |
| 142     | 62.6  | 77.3  | 115.9# |

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#37

2-Methylnaphthalene

Concen: 30.86 ng

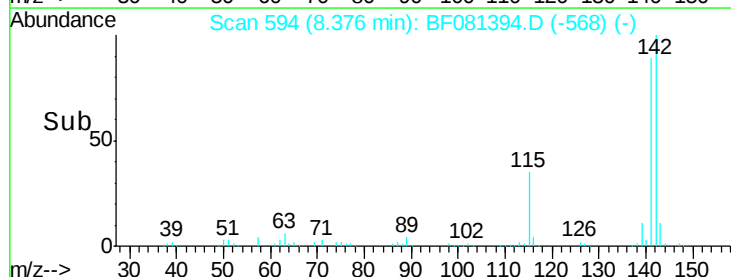
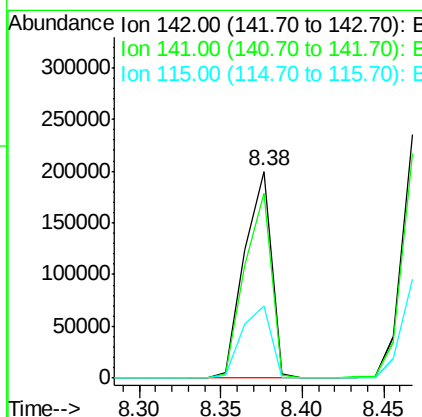
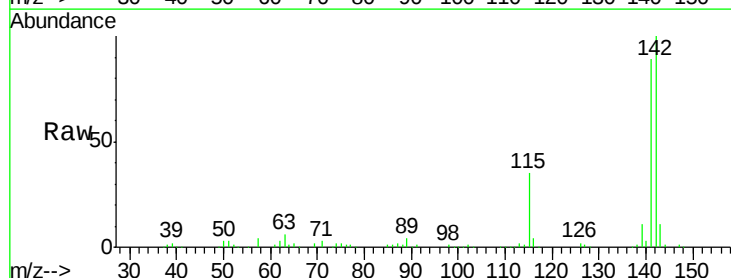
RT: 8.38 min Scan# 594

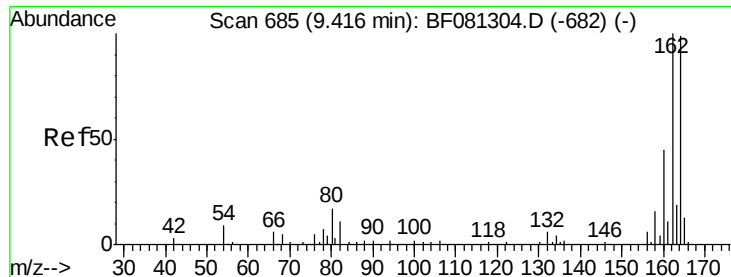
Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 67.5  | 101.3 |
| 115     | 34.9  | 18.2  | 27.2# |





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

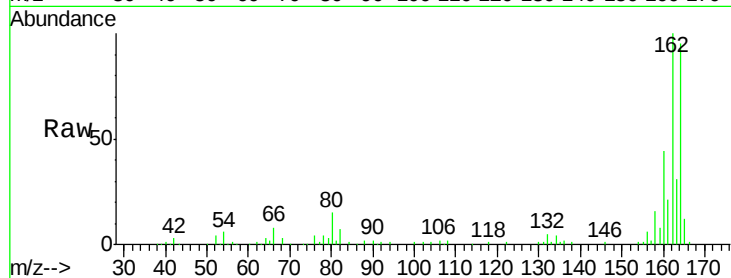
ClientSampleId :

SB-07(7-8.5)MS

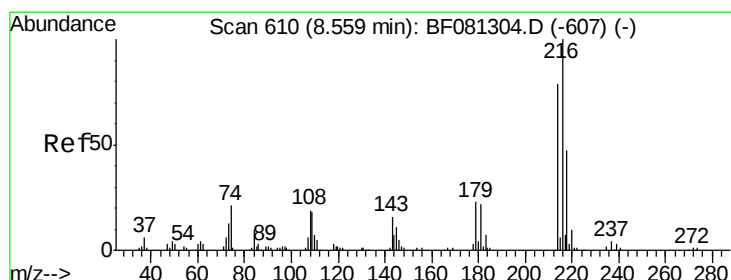
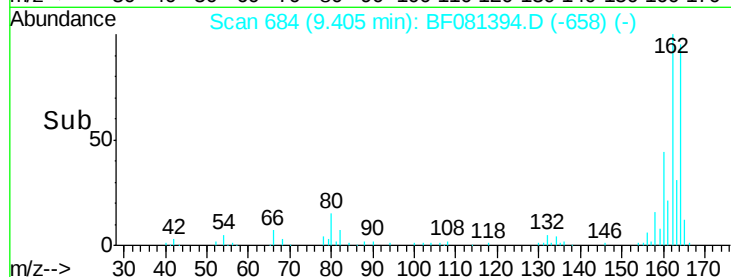
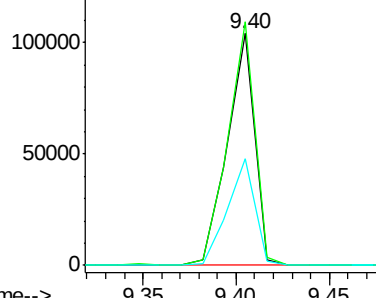
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 104870 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 105.1 | 75.2  | 112.8  |
| 160       | 46.3  | 31.5  | 47.3   |

Manual Integrations  
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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: 26.61 ng

RT: 8.54 min Scan# 608

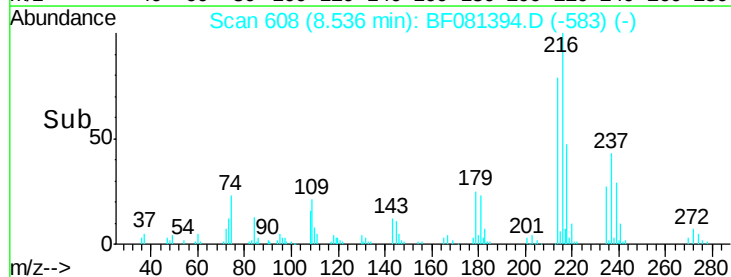
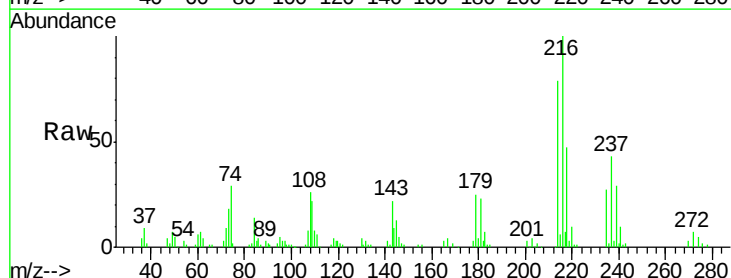
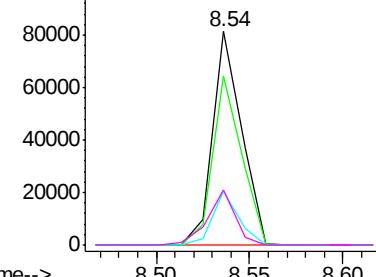
Delta R.T. -0.01 min

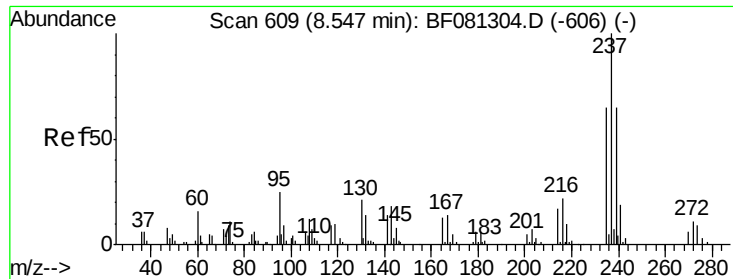
Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 88240 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 79.6  | 63.5  | 95.3  |
| 179       | 23.1  | 16.6  | 24.8  |
| 108       | 24.6  | 16.3  | 24.5# |

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





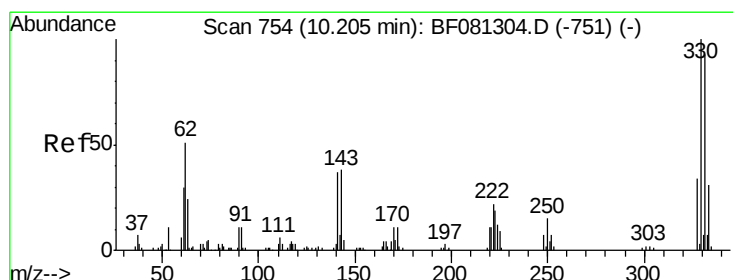
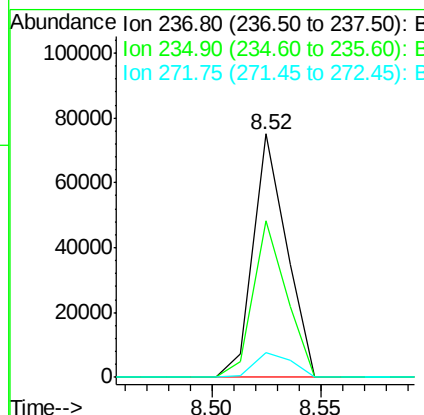
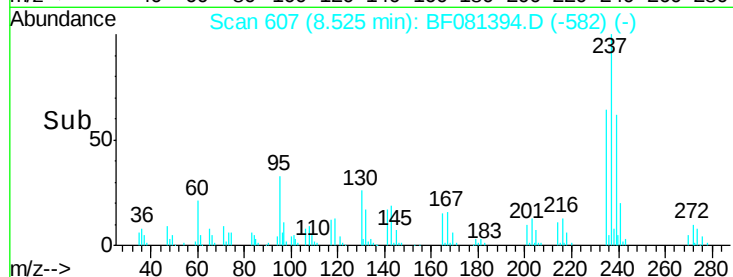
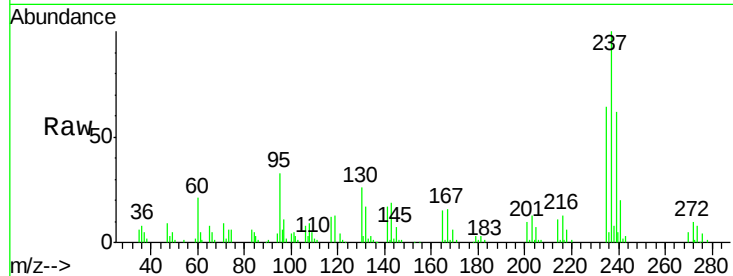
#40  
Hexachlorocyclopentadiene  
Concen: 49.40 ng  
RT: 8.52 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 64.5  | 42.0       | 82.0       |
| 272     | 10.1  | 0.0        | 36.1       |

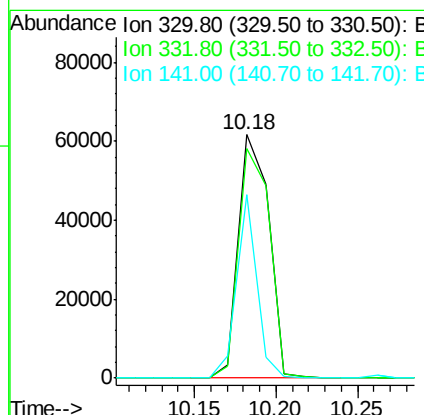
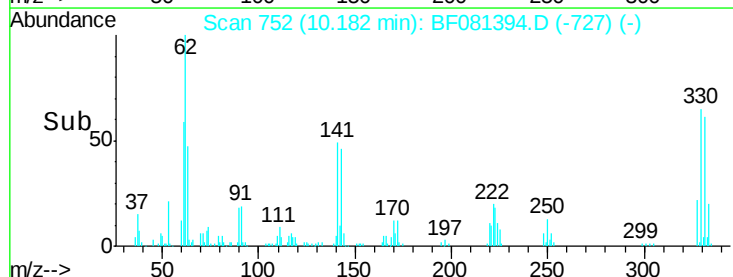
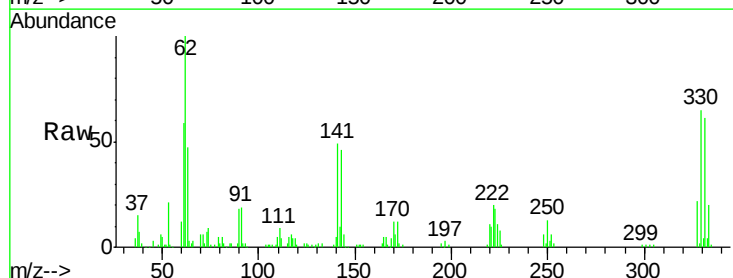
Manual Integrations  
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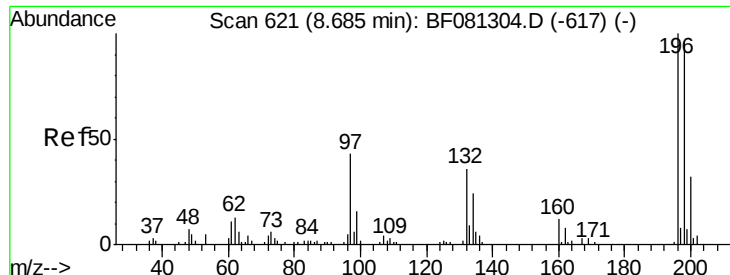
MMDadoda  
9/4/2015 2:51:18 PM



#41  
2,4,6-Tribromophenol  
Concen: 84.82 ng  
RT: 10.18 min Scan# 752  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 96.2  | 76.6       | 114.8      |
| 141     | 50.2  | 29.7       | 44.5       |





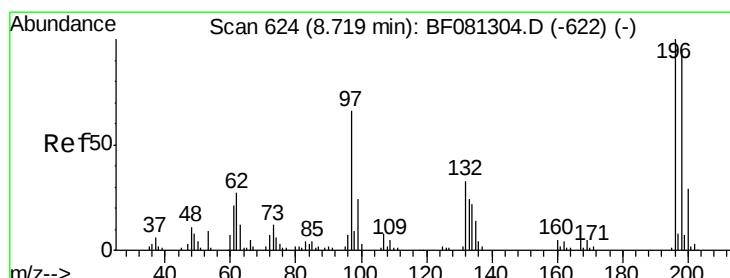
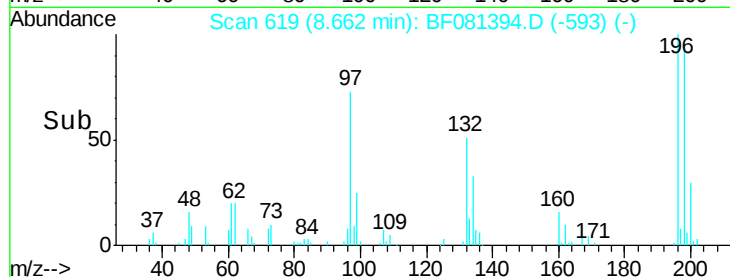
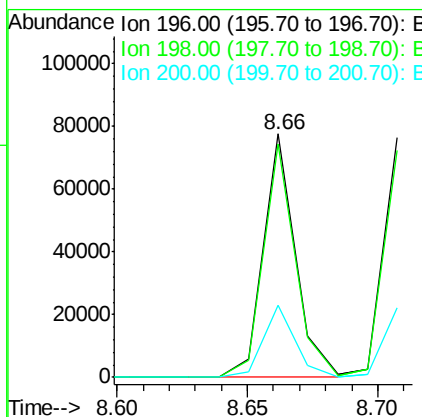
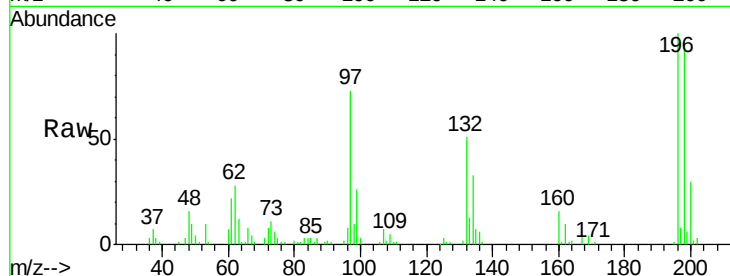
#42  
2,4,6-Trichlorophenol  
Concen: 29.20 ng  
RT: 8.66 min Scan# 619  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampled :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 66824 |       |       |
| 198     | 95.8  | 75.7  | 113.5 |       |
| 200     | 29.7  | 23.9  | 35.9  |       |

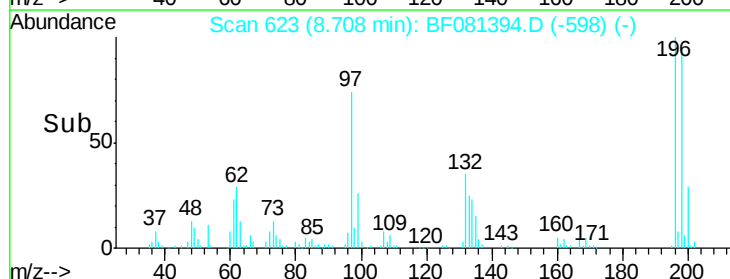
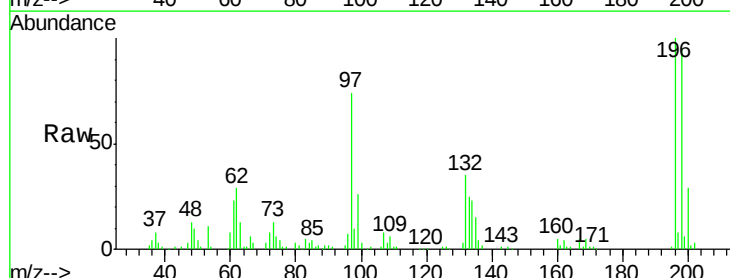
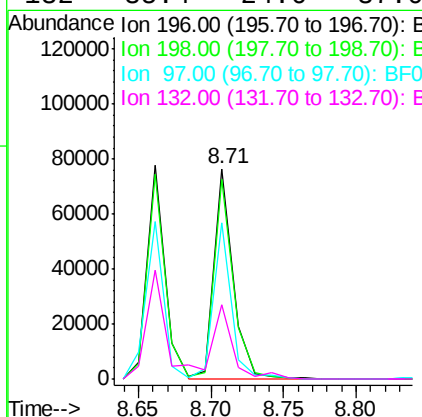
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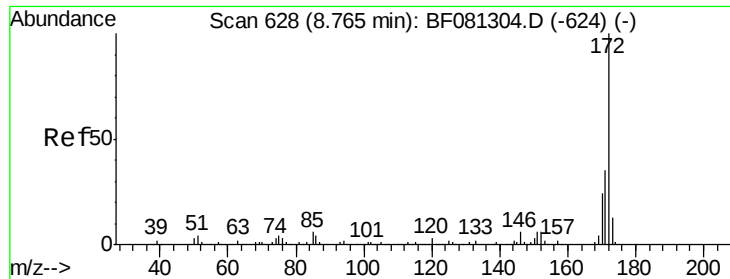
MMDadoda  
9/4/2015 2:51:18 PM



#43  
2,4,5-Trichlorophenol  
Concen: 29.93 ng  
RT: 8.71 min Scan# 623  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 69899 |       |       |
| 198     | 94.8  | 75.4  | 113.0 |       |
| 97      | 74.3  | 33.3  | 49.9  |       |
| 132     | 35.4  | 24.6  | 37.0  |       |





#44

2-Fluorobiphenyl

Concen: 54.18 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

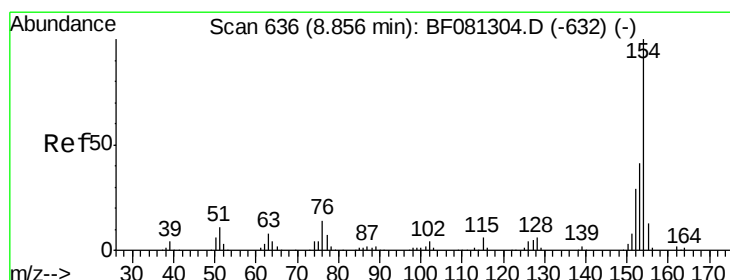
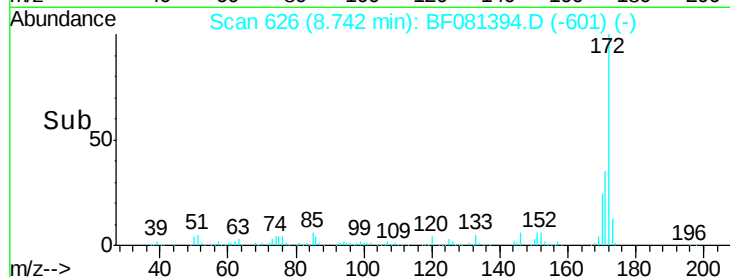
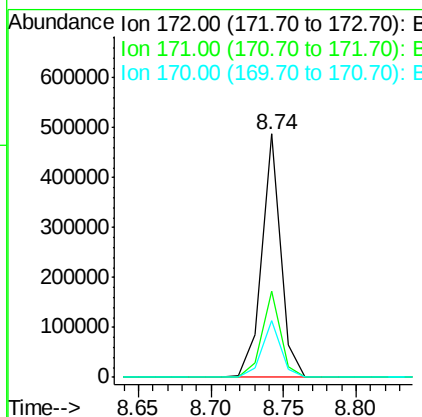
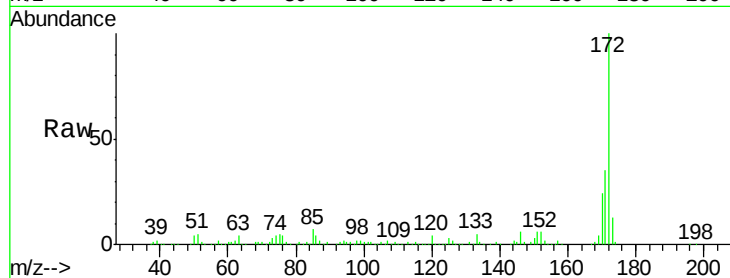
ClientSampleId :

SB-07(7-8.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 172   | Resp: | 443341 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.4  | 26.1  | 39.1   |
| 170       | 23.5  | 17.4  | 26.2   |

Manual Integrations  
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#45

1,1'-Biphenyl

Concen: 26.80 ng

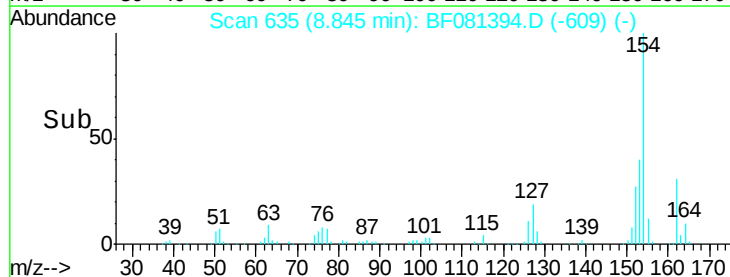
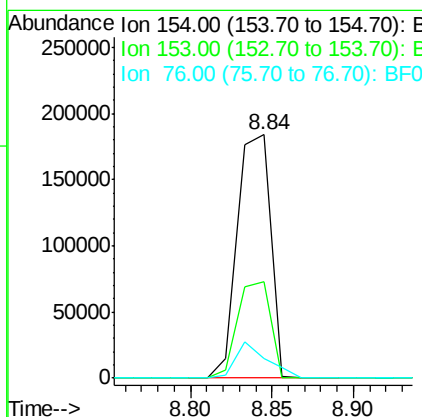
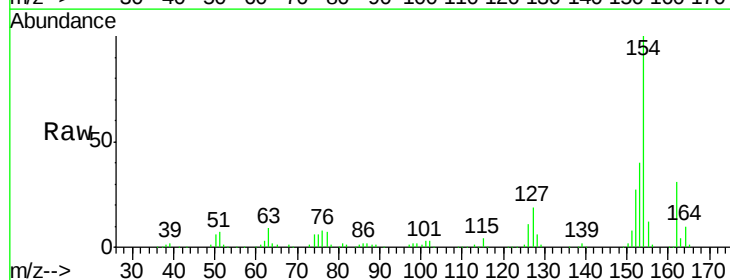
RT: 8.84 min Scan# 635

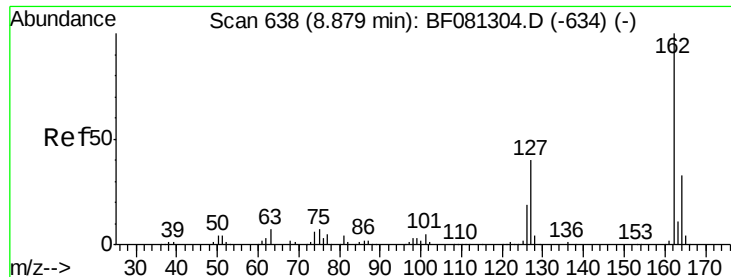
Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 258530 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.5  | 17.1  | 57.1   |
| 76        | 8.3   | 0.0   | 31.6   |





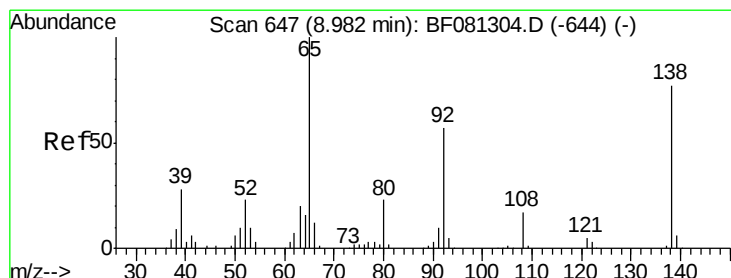
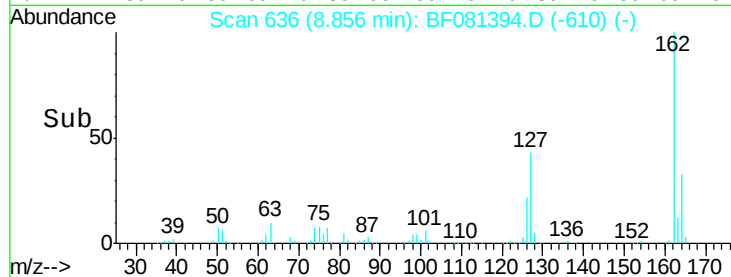
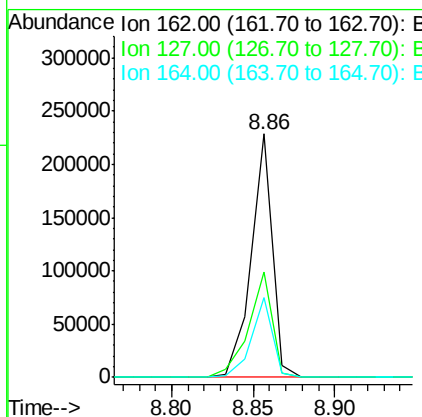
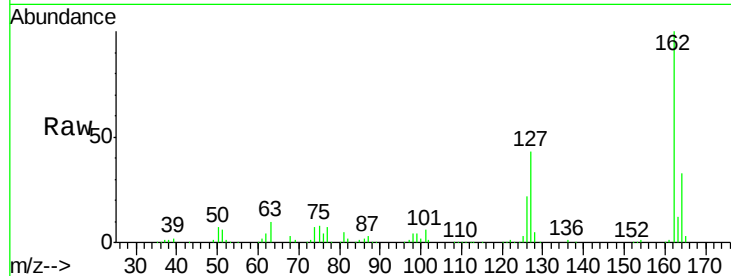
#46  
2-Chloronaphthalene  
Concen: 29.54 ng  
RT: 8.86 min Scan# 636  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 205824 |       |       |
| 127     | 43.2  | 27.6   | 41.4# |       |
| 164     | 32.9  | 25.4   | 38.2  |       |

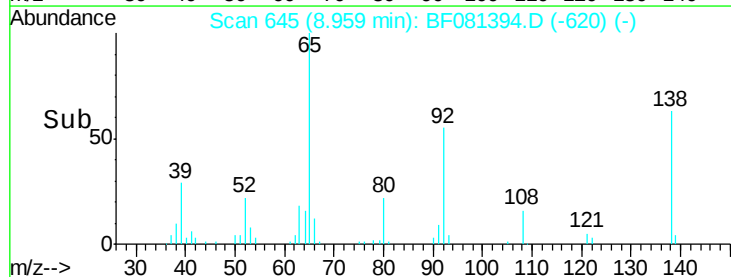
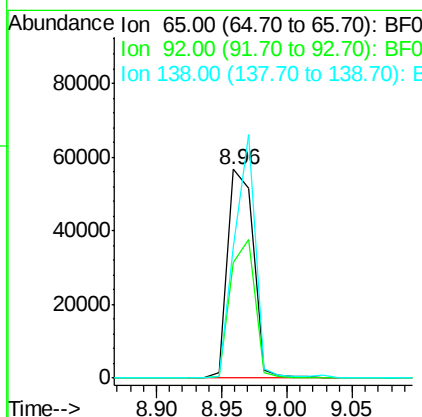
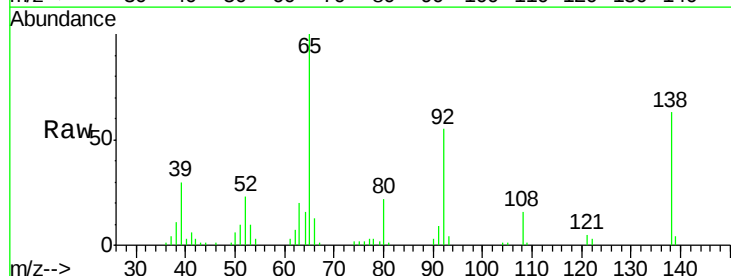
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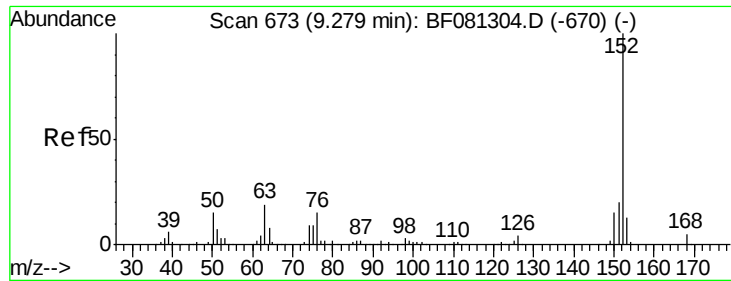
MMDadoda  
9/4/2015 2:51:18 PM



#47  
2-Nitroaniline  
Concen: 27.44 ng  
RT: 8.96 min Scan# 645  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 65      | 100   | 77919 |        |       |
| 92      | 55.1  | 55.4  | 83.0#  |       |
| 138     | 62.7  | 115.5 | 173.3# |       |





#48

Acenaphthylene

Concen: 26.13 ng

RT: 9.27 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

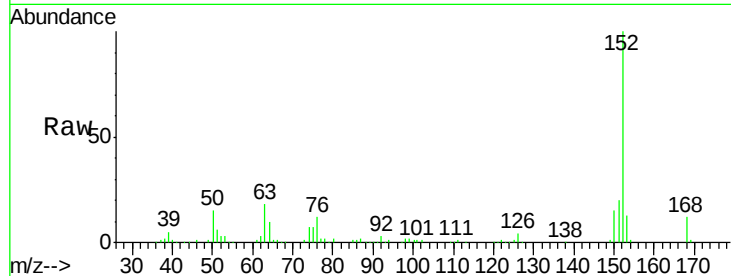
ClientSampleId :

SB-07(7-8.5)MS

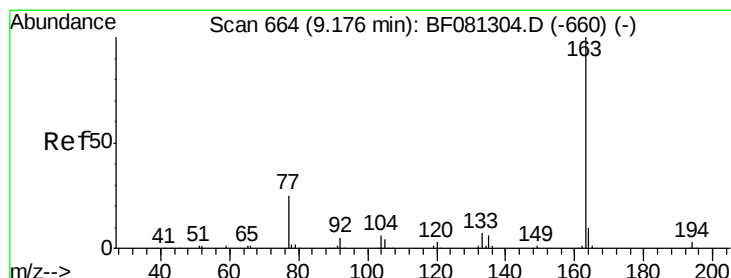
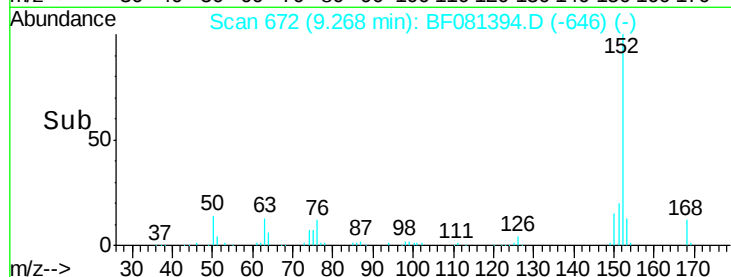
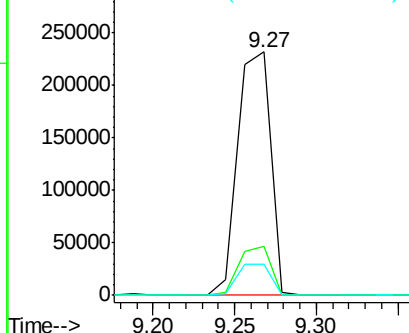
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 322948 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.1  | 14.6  | 22.0   |
| 153       | 12.5  | 10.3  | 15.5   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.18 ng

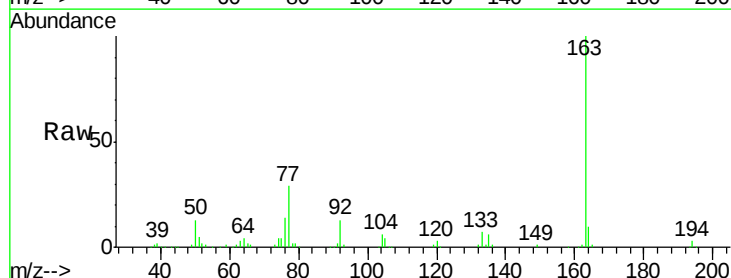
RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

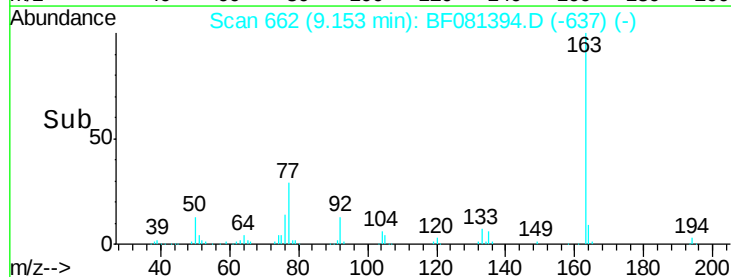
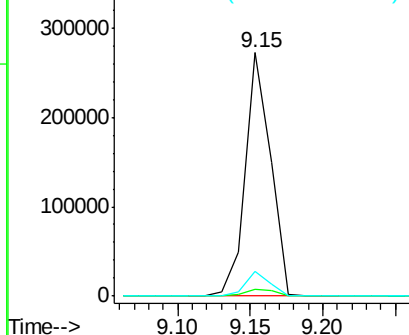
Lab File: BF081394.D

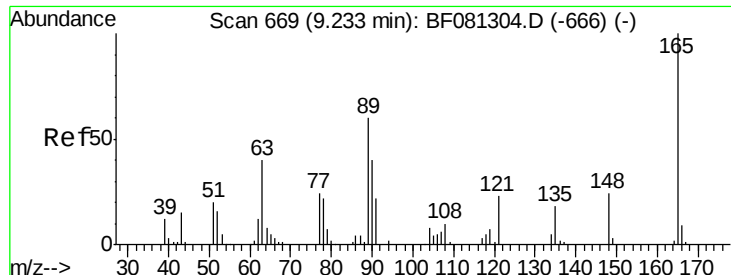
Acq: 4 Sep 2015 00:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 327375 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 2.9   | 4.4   | 6.6#   |
| 164       | 10.1  | 8.3   | 12.5   |



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





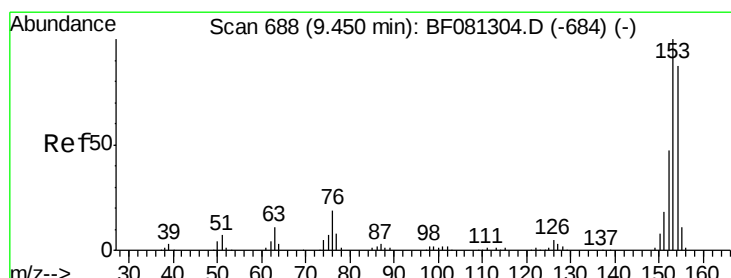
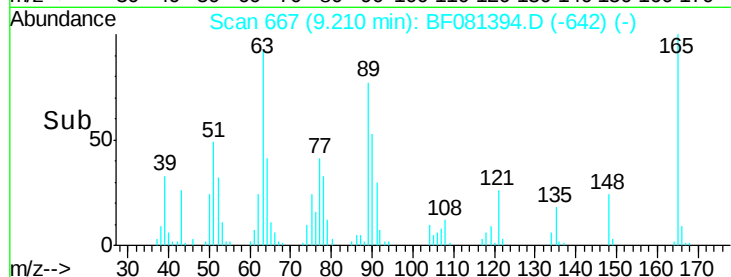
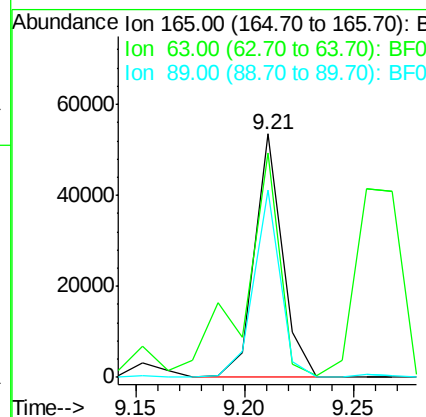
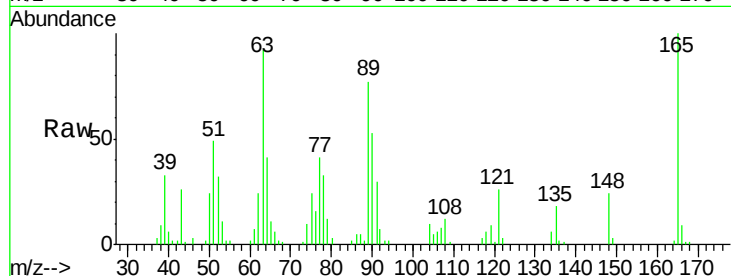
#50  
2,6-Dinitrotoluene  
Concen: 25.73 ng  
RT: 9.21 min Scan# 667  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 47583 |       |       |
| 63      | 92.2  | 32.3  | 48.5# |       |
| 89      | 76.8  | 28.6  | 43.0# |       |

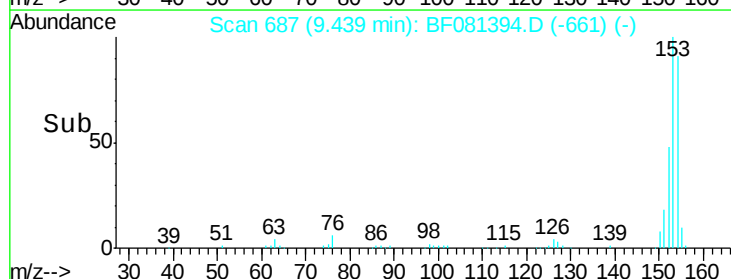
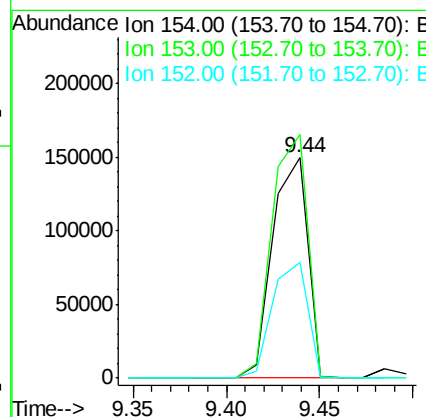
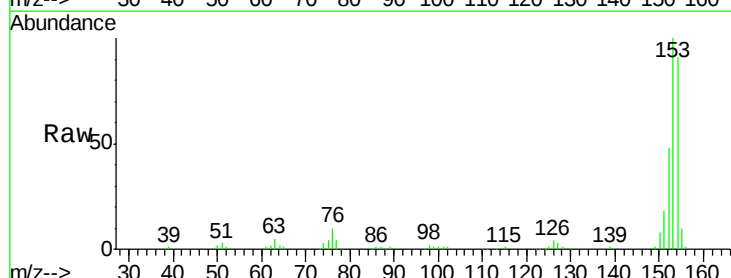
Manual Integrations  
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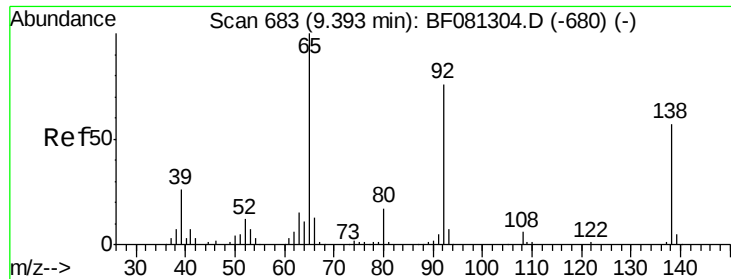
MMDadoda  
9/4/2015 2:51:18 PM



#51  
Acenaphthene  
Concen: 27.84 ng  
RT: 9.44 min Scan# 687  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 195758 |       |       |
| 153     | 110.5 | 82.1   | 123.1 |       |
| 152     | 52.7  | 37.9   | 56.9  |       |





#52

3-Nitroaniline

Concen: 20.98 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

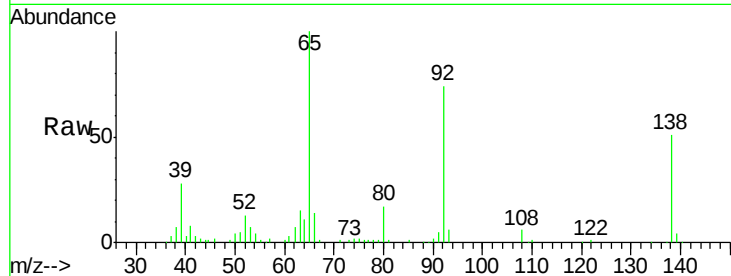
SB-07(7-8.5)MS

Manual Integrations  
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9/4/2015 2:51:18 PM

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 44161   | 138 | 100   |       |       |
| 8.5#    | 108 | 12.3  | 5.7   |       |
| 101.5#  | 92  | 145.4 | 67.7  |       |

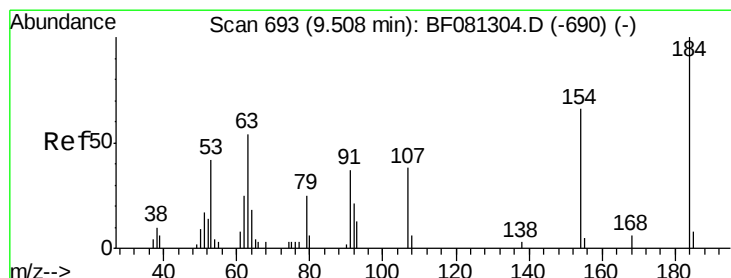
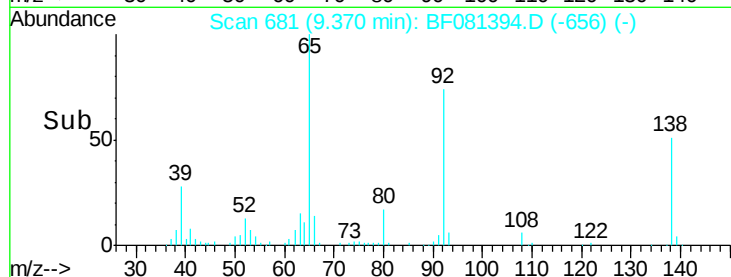
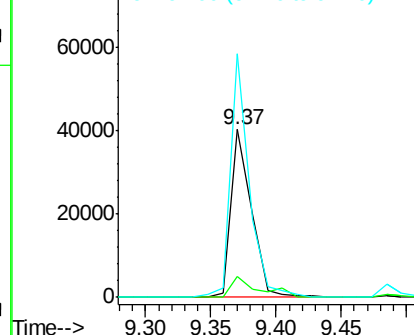


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 14.89 ng

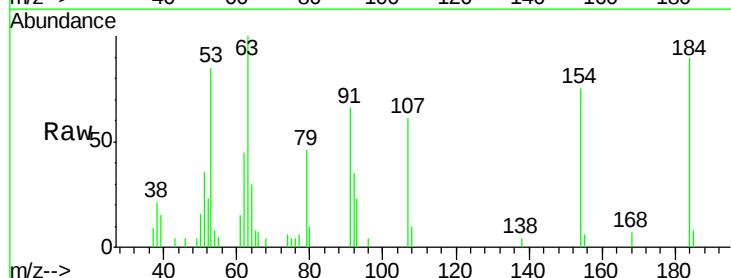
RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 11600   | 184 | 100   |       |       |
| 53.2#   | 63  | 110.9 | 35.4  |       |
| 48.4#   | 154 | 83.0  | 32.2  |       |

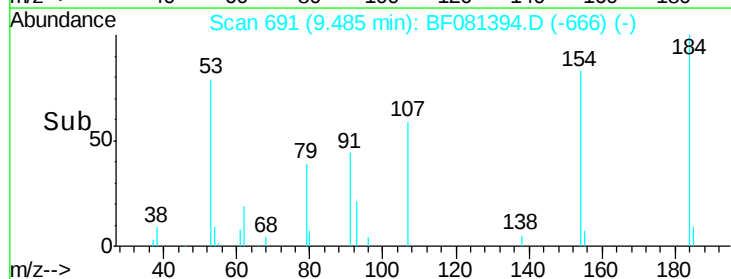
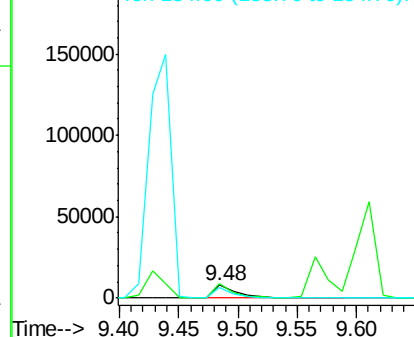


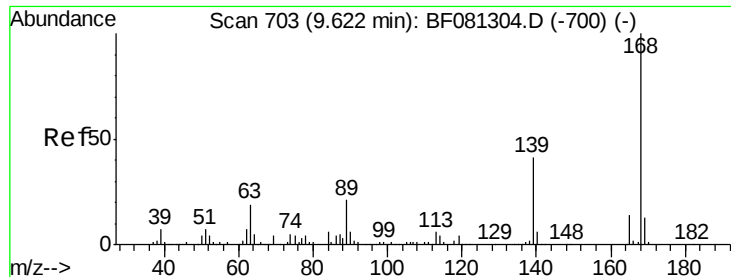
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 27.73 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF081394.D

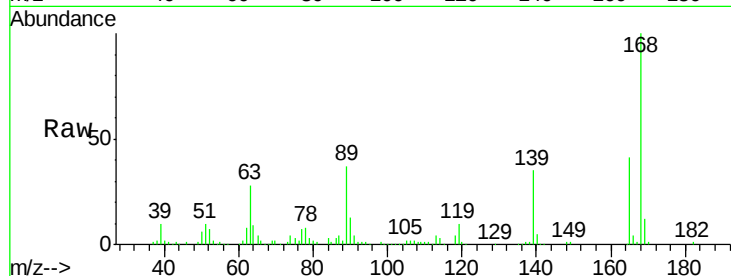
Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

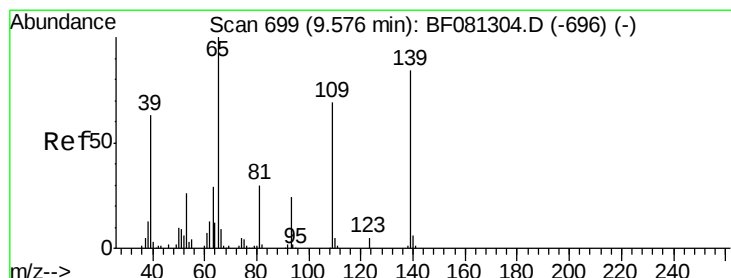
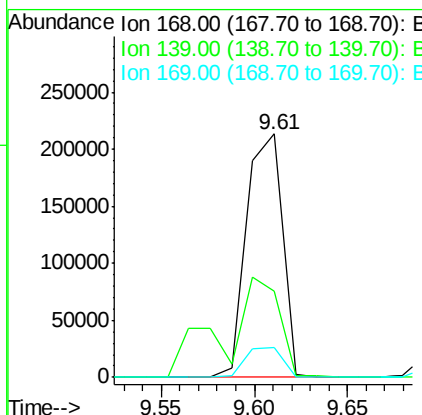
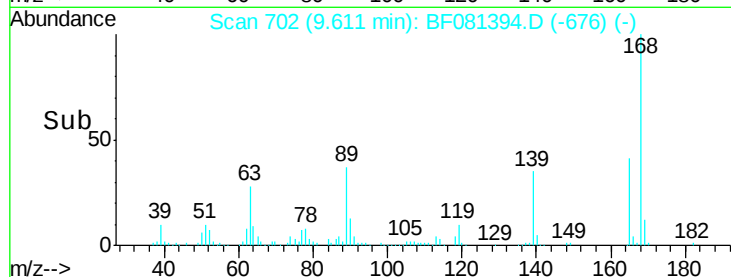
SB-07(7-8.5)MS



| Tot Ion   | 168   | Resp  | 284736 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 35.2  | 24.2  | 36.2   |
| 169       | 12.2  | 10.6  | 15.8   |

Manual Integrations  
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9/4/2015 2:51:18 PM



#55

4-Nitrophenol

Concen: 49.87 ng m

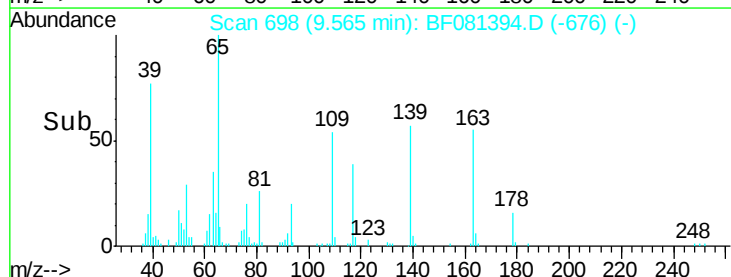
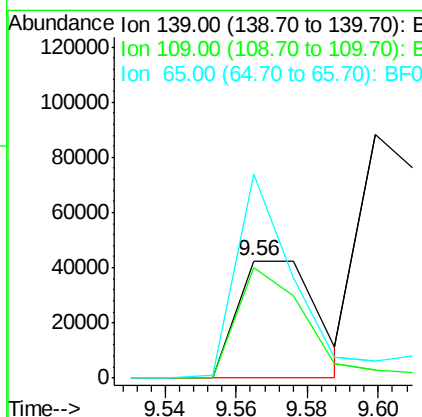
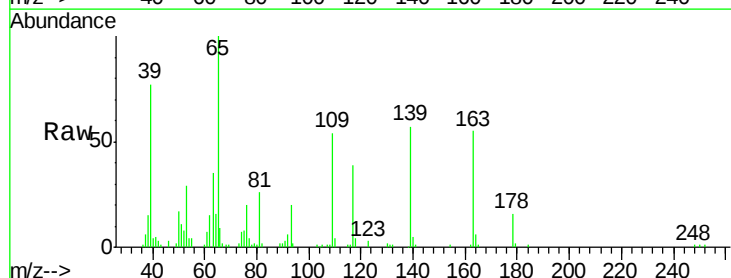
RT: 9.56 min Scan# 698

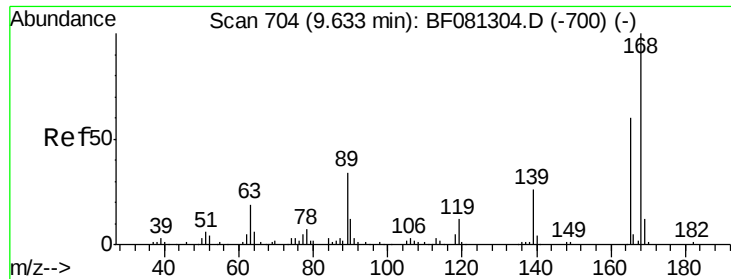
Delta R.T. -0.05 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

| Tgt Ion   | 139   | Resp  | 65965 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 94.3  | 12.7  | 52.7# |
| 65        | 174.2 | 45.9  | 85.9# |





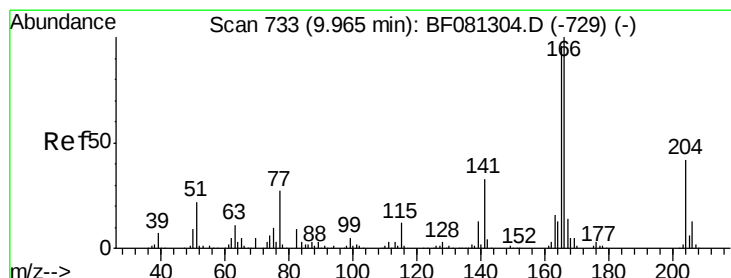
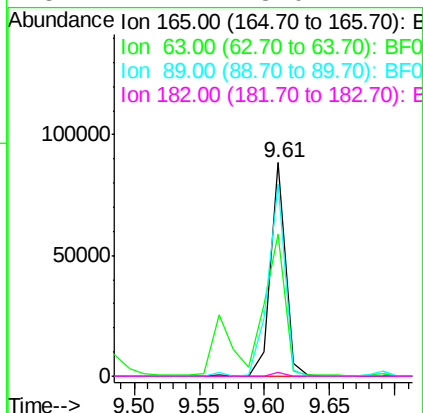
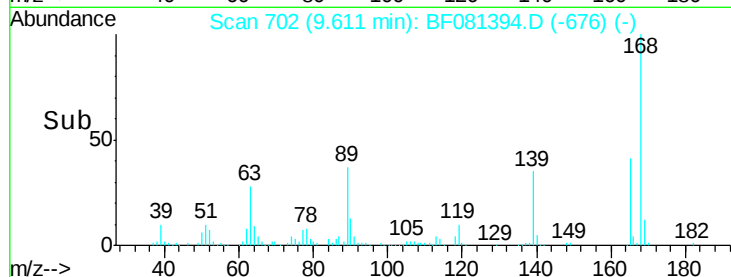
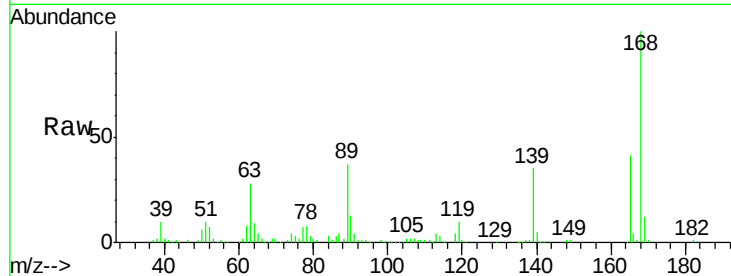
#56  
2,4-Dinitrotoluene  
Concen: 30.49 ng  
RT: 9.61 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 66.6  | 29.8 | 44.6# |       |
| 89      | 90.0  | 44.5 | 66.7# |       |
| 182     | 2.1   | 3.0  | 4.4#  |       |

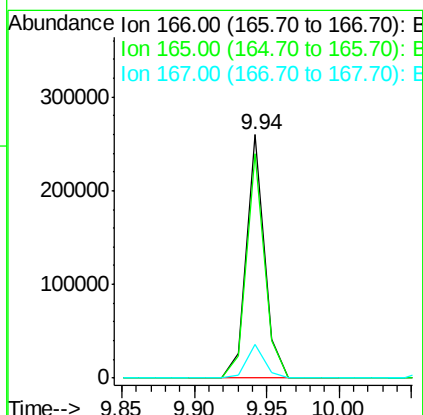
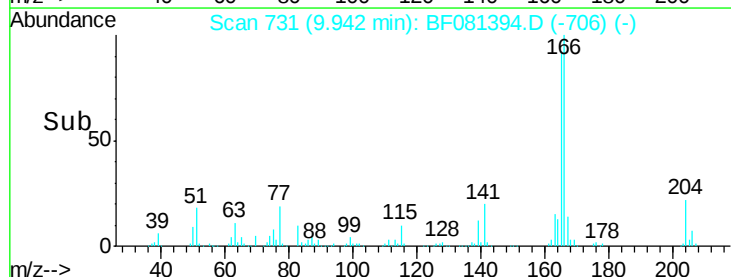
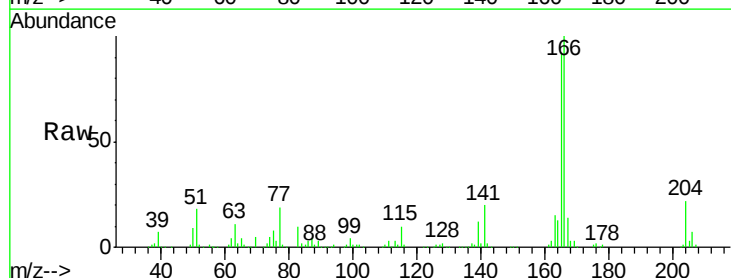
Manual Integrations  
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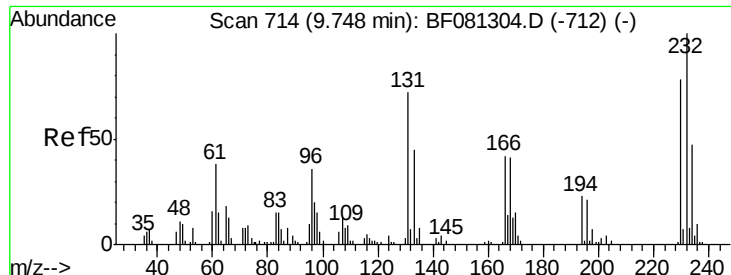
MMDadoda  
9/4/2015 2:51:18 PM



#57  
Fluorene  
Concen: 28.98 ng  
RT: 9.94 min Scan# 731  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 92.1  | 72.6 | 109.0 |       |
| 167     | 13.6  | 10.6 | 16.0  |       |





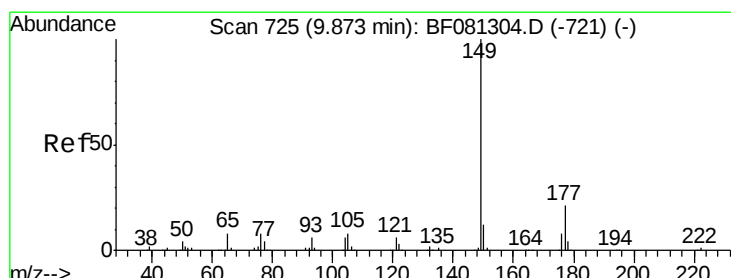
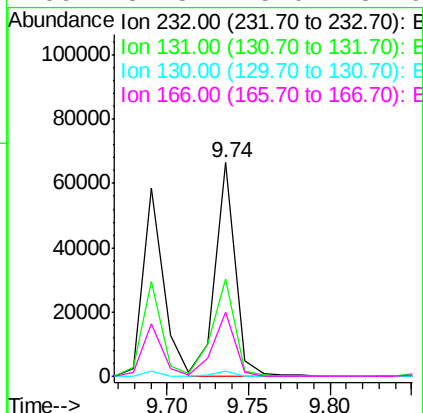
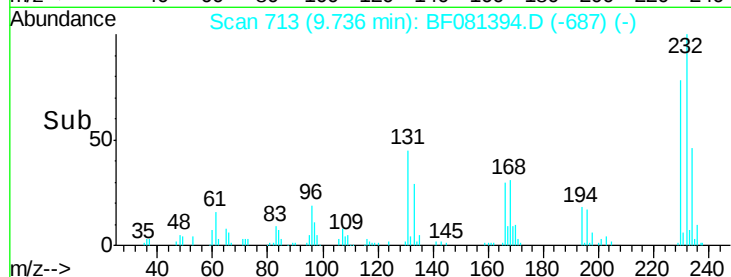
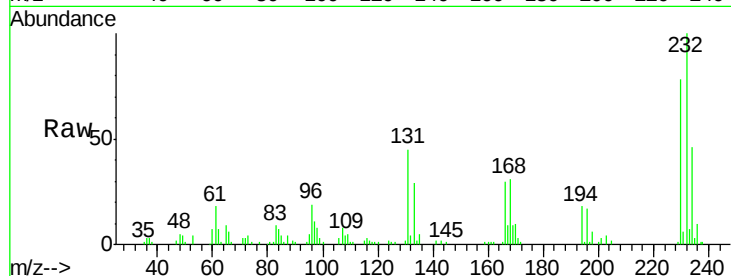
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 32.00 ng  
 RT: 9.74 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: BF081394.D  
 Acq: 4 Sep 2015 00:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07(7-8.5)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 232   | Resp: | 57044 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 50.9  | 38.5  | 57.7  |
| 130       | 2.4   | 1.8   | 2.6   |
| 166       | 31.8  | 25.0  | 37.6  |

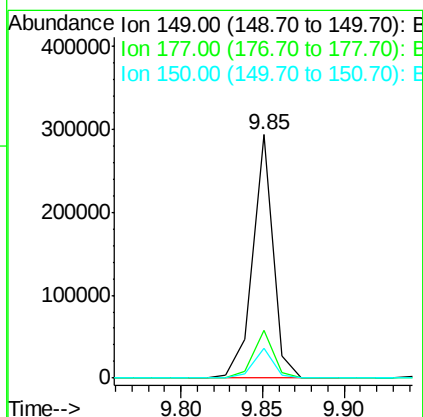
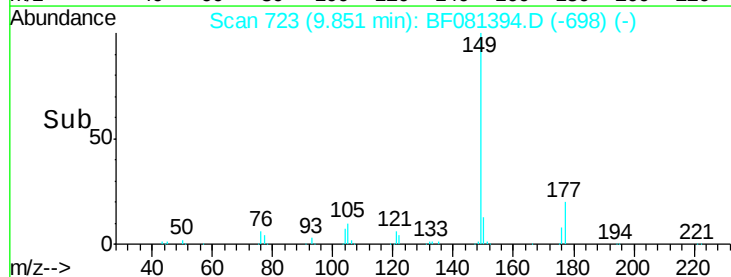
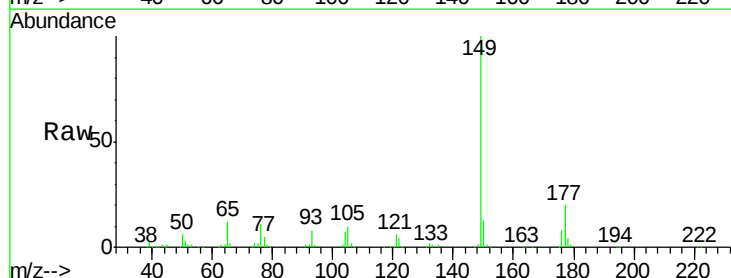
Manual Integrations  
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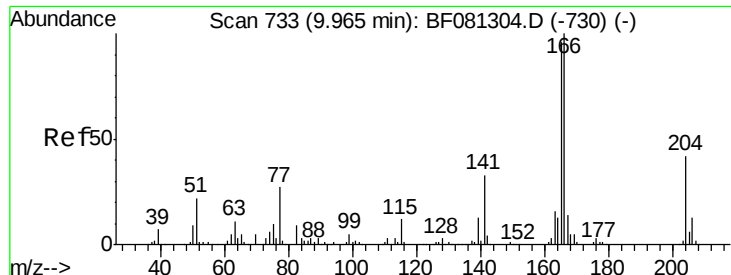
MMDadoda  
 9/4/2015 2:51:18 PM



#59  
 Diethylphthalate  
 Concen: 29.65 ng  
 RT: 9.85 min Scan# 723  
 Delta R.T. -0.01 min  
 Lab File: BF081394.D  
 Acq: 4 Sep 2015 00:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 254107 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 19.7  | 17.5  | 26.3   |
| 150       | 12.5  | 9.4   | 14.2   |





#60

4-Chlorophenyl-phenylether

Concen: 29.53 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

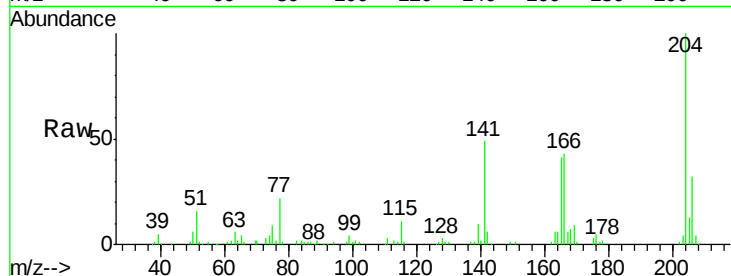
ClientSampleId :

SB-07(7-8.5)MS

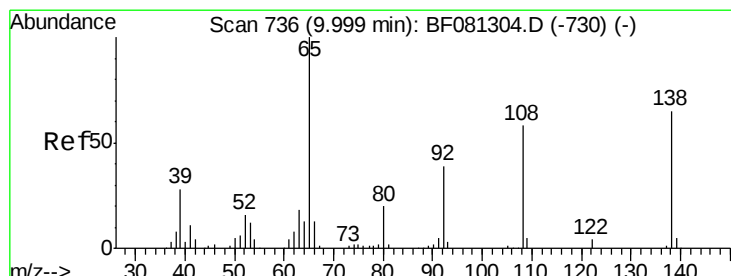
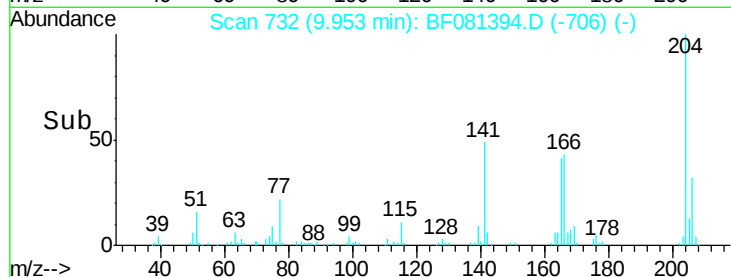
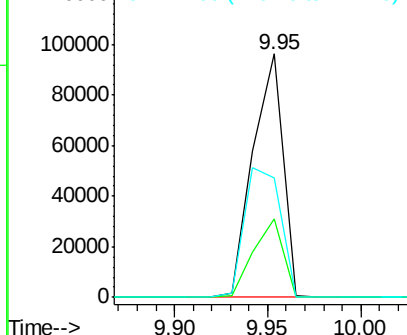
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 107242 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.4  | 24.8  | 37.2   |
| 141       | 49.1  | 42.2  | 63.4   |

Manual Integrations  
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9/4/2015 2:51:18 PM



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 27.73 ng

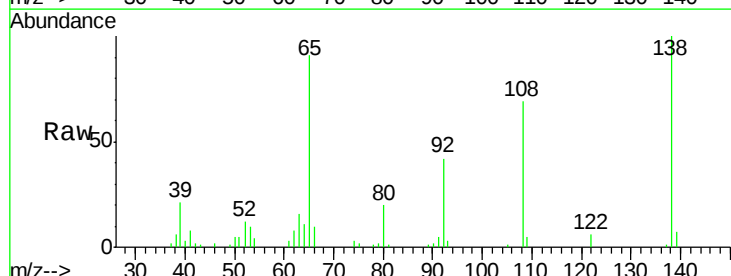
RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

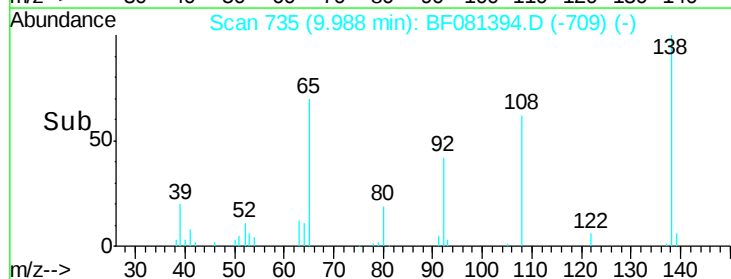
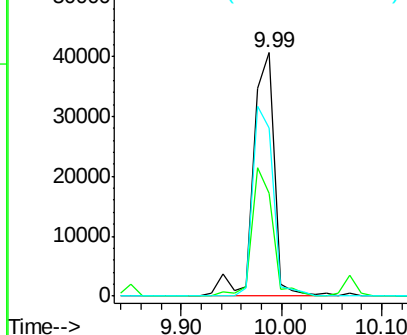
Lab File: BF081394.D

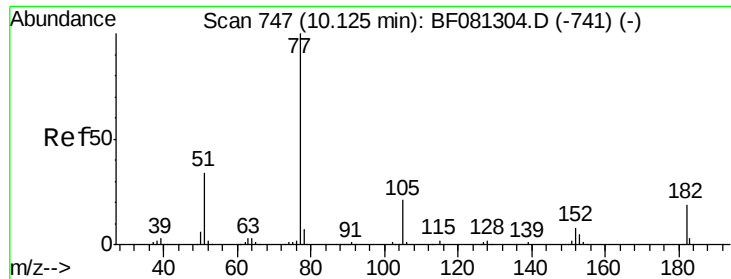
Acq: 4 Sep 2015 00:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 58972 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 42.2  | 12.6  | 52.6  |
| 108       | 69.0  | 12.4  | 52.4# |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 28.58 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF081394.D

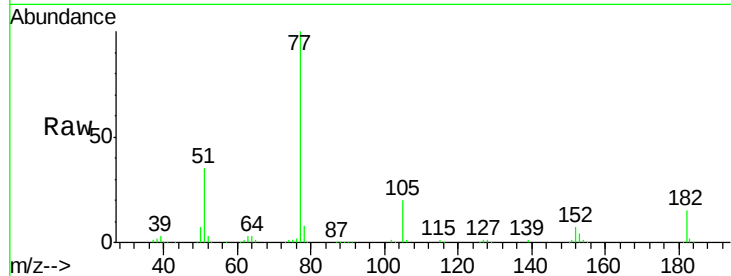
Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

SB-07(7-8.5)MS



Tot Ion: 77 Resp: 272371

Ion Ratio Lower Upper

77 100

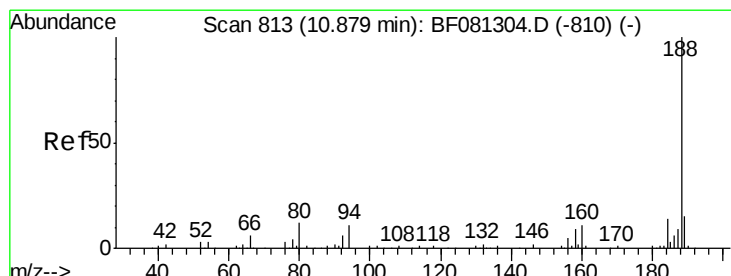
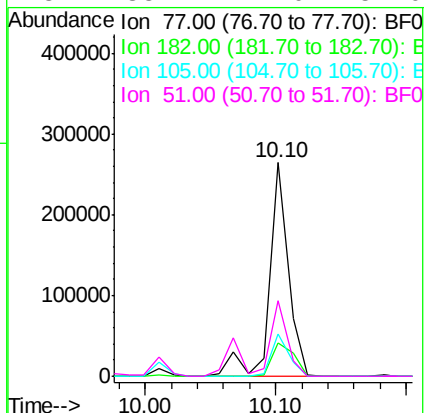
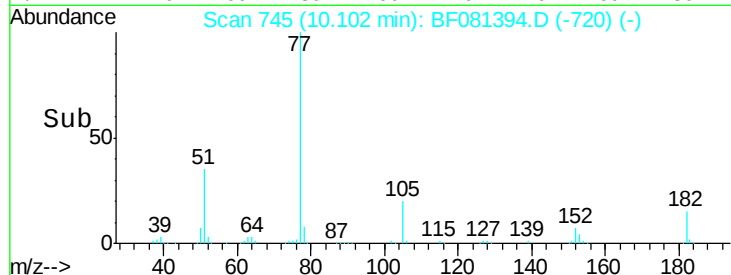
182 15.3 15.1 55.1

105 20.0 3.4 43.4

51 35.2 12.0 52.0

Manual Integrations  
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MMDadoda  
9/4/2015 2:51:18 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

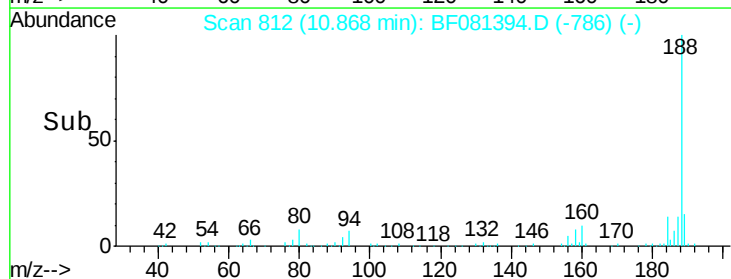
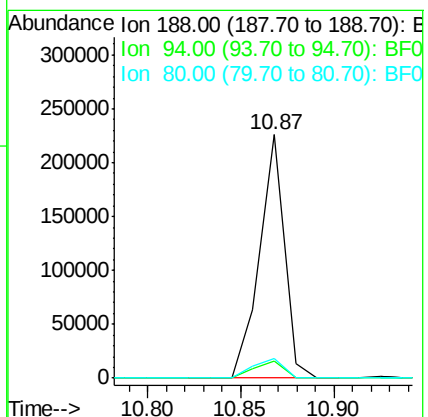
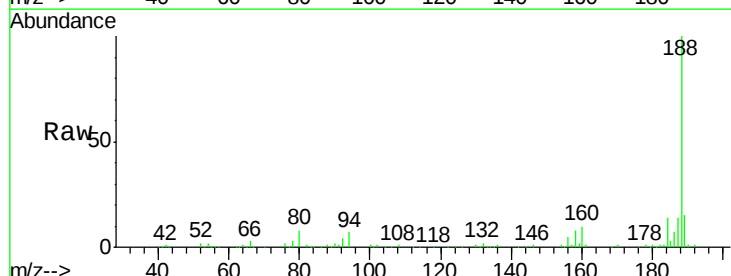
Tgt Ion: 188 Resp: 208537

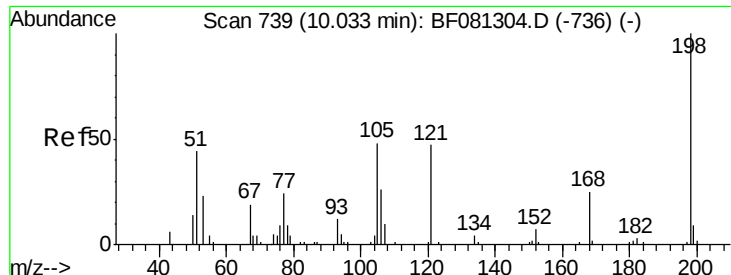
Ion Ratio Lower Upper

188 100

94 7.2 11.1 16.7#

80 8.1 11.0 16.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 20.67 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

SB-07(7-8.5)MS

Tot Ion:198 Resp: 24104

Ion Ratio Lower Upper

198 100

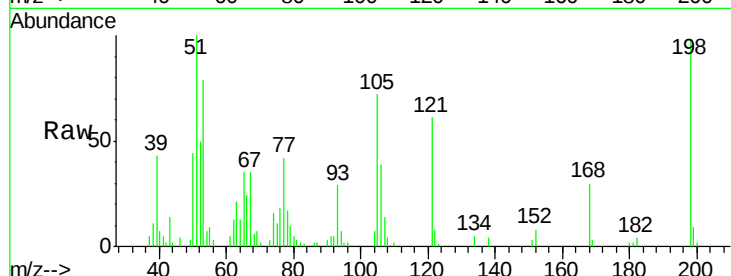
51 102.5 39.6 79.6#

105 74.2 28.5 68.5#

Manual Integrations  
APPROVED

MMDadoda

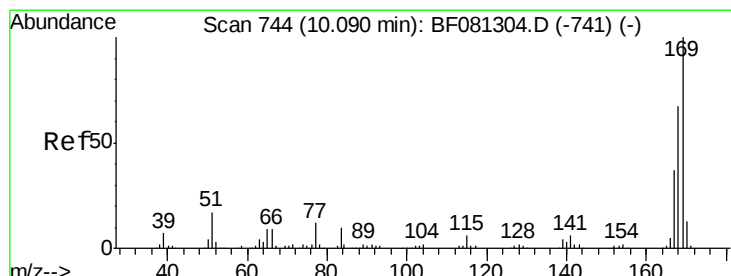
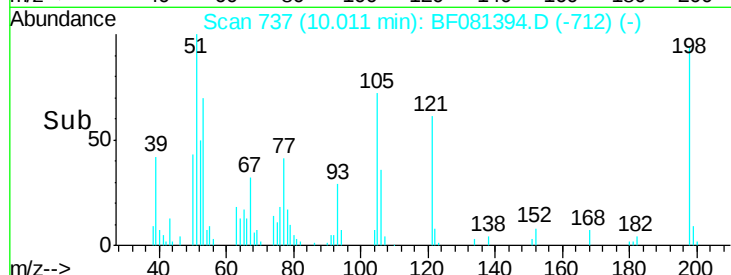
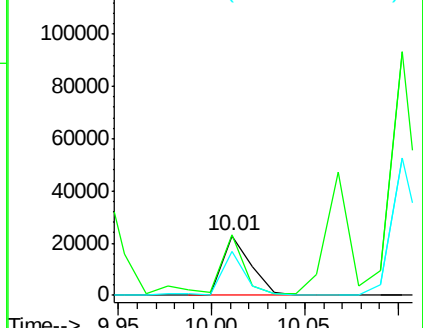
9/4/2015 2:51:18 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 25.02 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

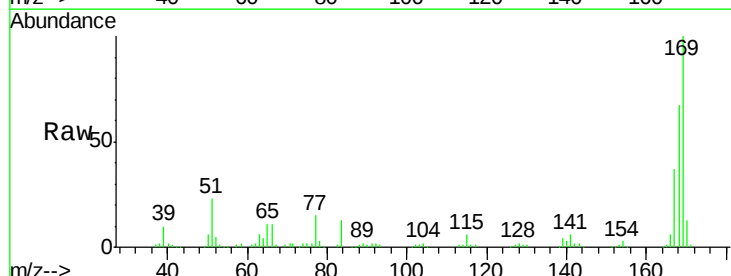
Tgt Ion:169 Resp: 189878

Ion Ratio Lower Upper

169 100

168 67.3 48.9 73.3

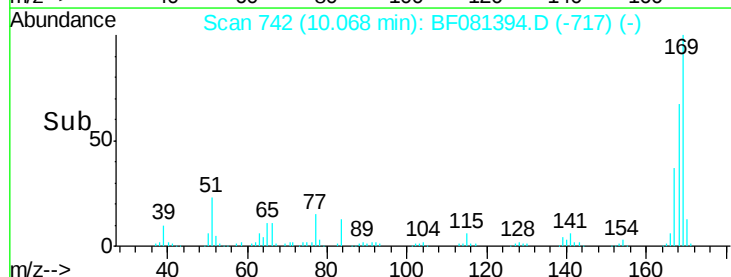
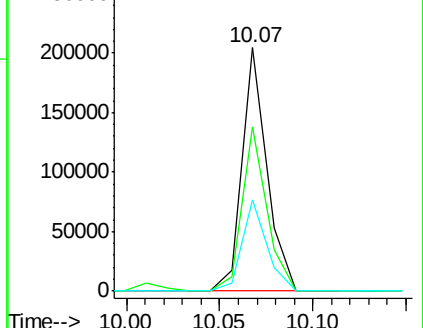
167 37.4 26.2 39.4

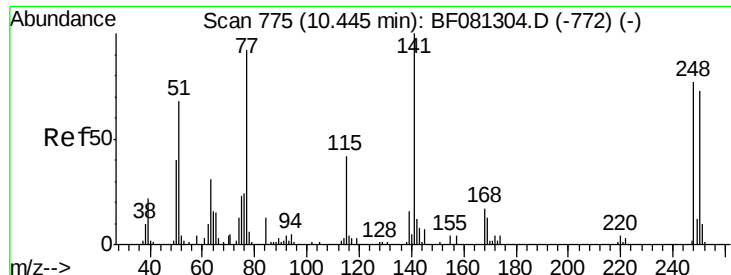


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





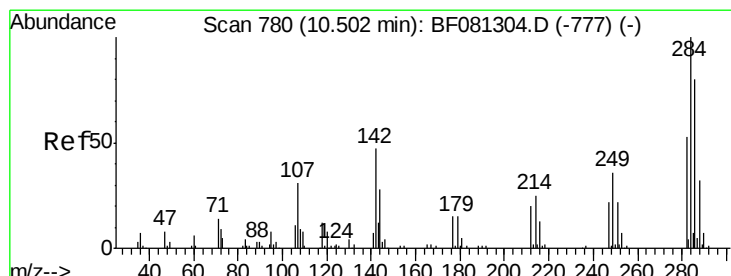
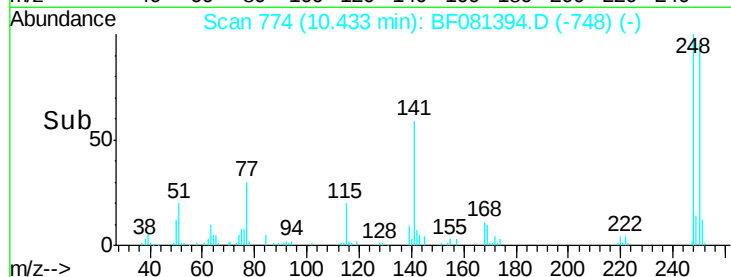
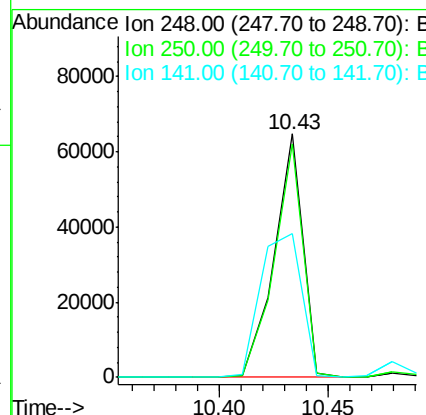
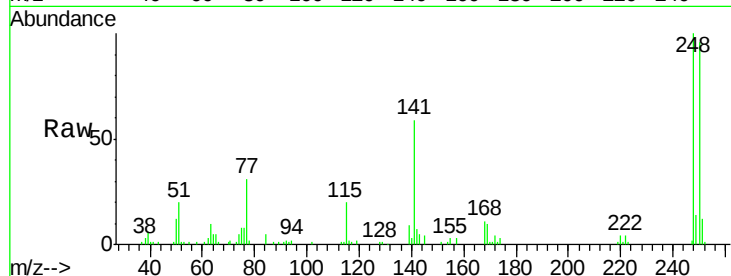
#66  
4-Bromophenyl-phenylether  
Concen: 28.48 ng  
RT: 10.43 min Scan# 774  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.1  | 78.5  | 117.7 |
| 141     | 59.1  | 59.0  | 88.6  |

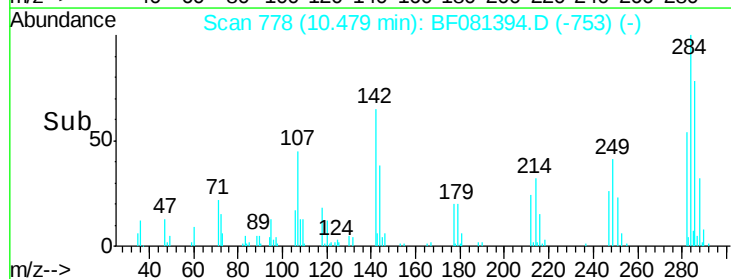
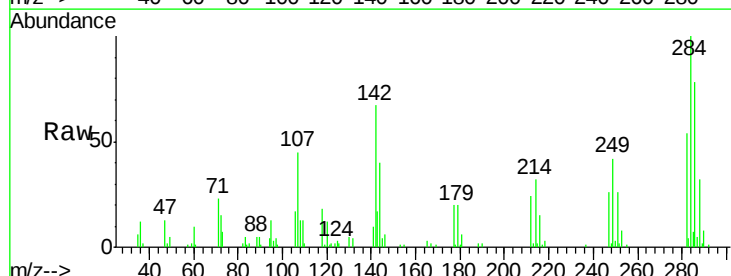
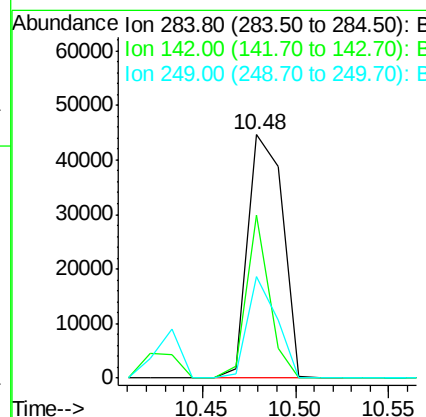
Manual Integrations  
APPROVED

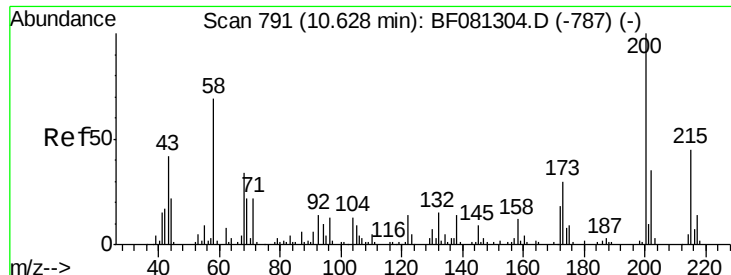
MMDadoda  
9/4/2015 2:51:18 PM



#67  
Hexachlorobenzene  
Concen: 26.59 ng  
RT: 10.48 min Scan# 778  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 67.0  | 29.5  | 44.3# |
| 249     | 41.9  | 19.5  | 29.3# |





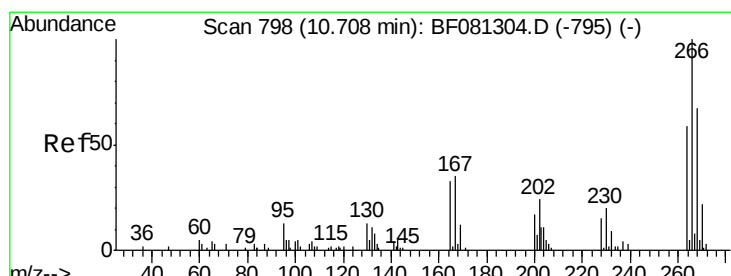
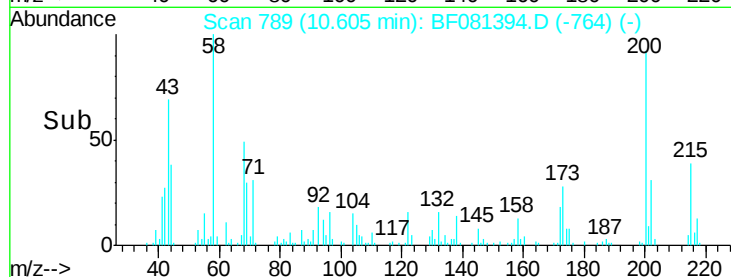
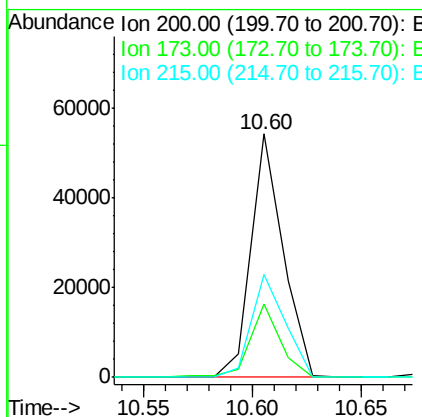
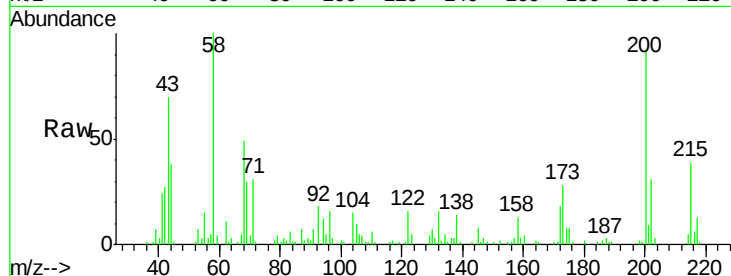
#68  
Atrazine  
Concen: 25.36 ng  
RT: 10.60 min Scan# 789  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 30.3  | 13.2  | 53.2  |
| 215     | 42.0  | 41.8  | 81.8  |

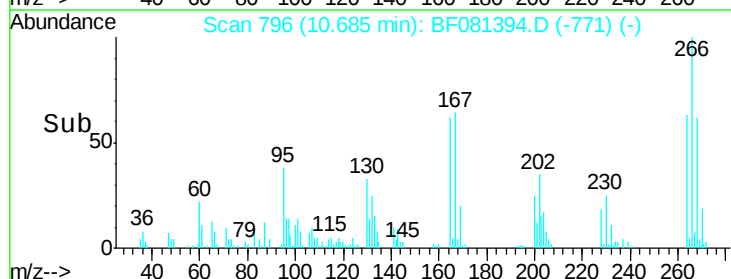
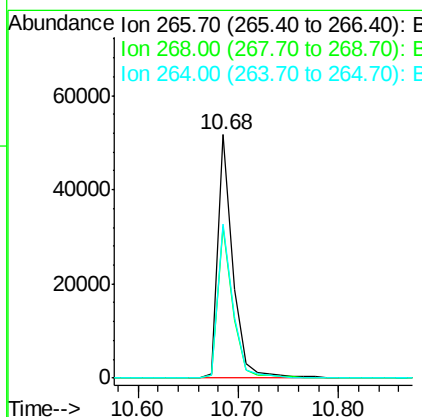
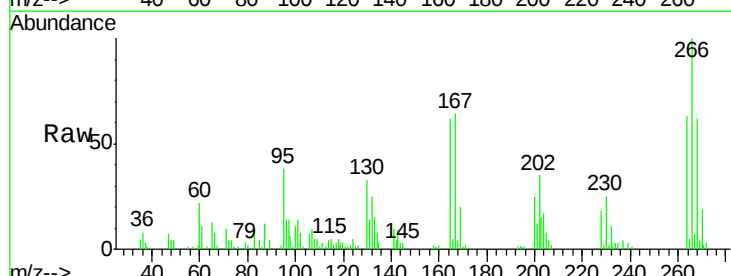
Manual Integrations  
APPROVED

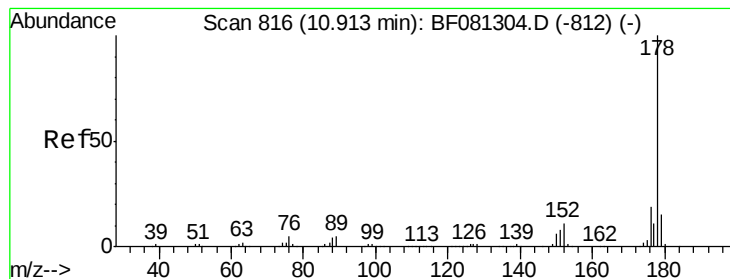
MMDadoda  
9/4/2015 2:51:18 PM



#69  
Pentachlorophenol  
Concen: 53.34 ng  
RT: 10.68 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.0  | 49.8  | 74.6  |
| 264     | 63.1  | 50.2  | 75.2  |





#70

Phenanthrene

Concen: 28.37 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF081394.D

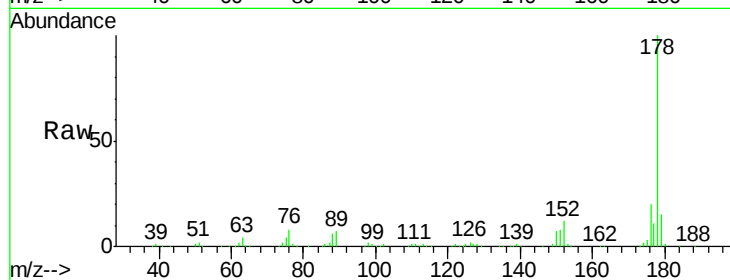
Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

SB-07(7-8.5)MS



Tot Ion:178 Resp: 328906

Ion Ratio Lower Upper

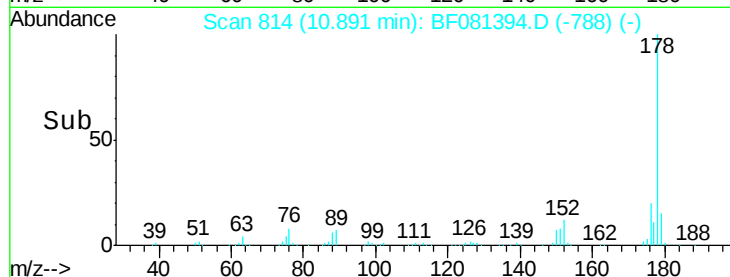
178 100

176 19.5 13.8 20.8

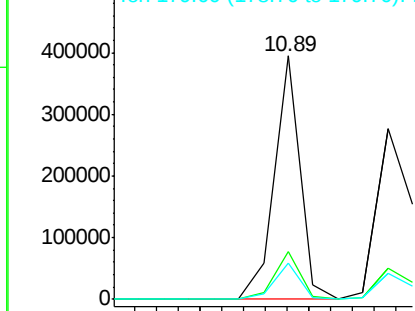
179 15.0 12.2 18.2

Manual Integrations  
APPROVED

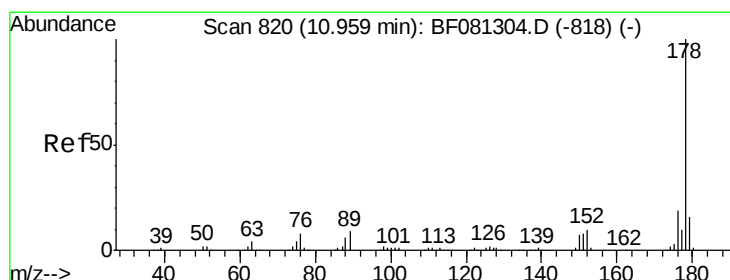
MMDadoda  
9/4/2015 2:51:18 PM



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 25.78 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

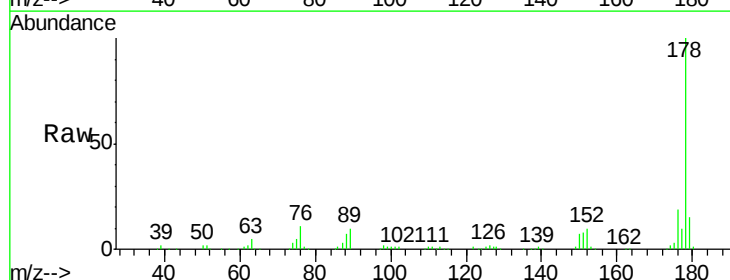
Tgt Ion:178 Resp: 307045

Ion Ratio Lower Upper

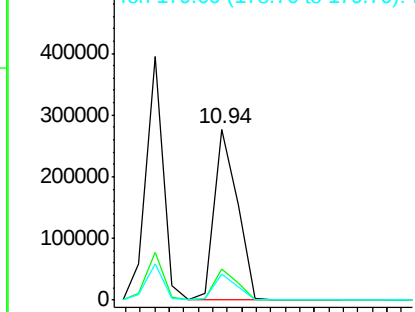
178 100

176 18.6 14.1 21.1

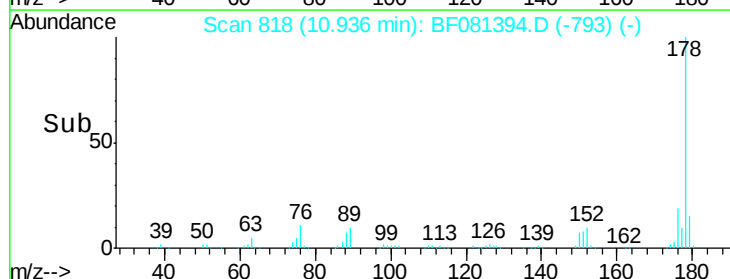
179 15.3 12.2 18.2

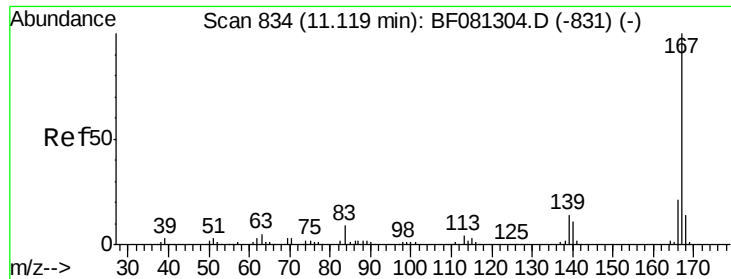


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



Time-->





#72

Carbazole

Concen: 30.85 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

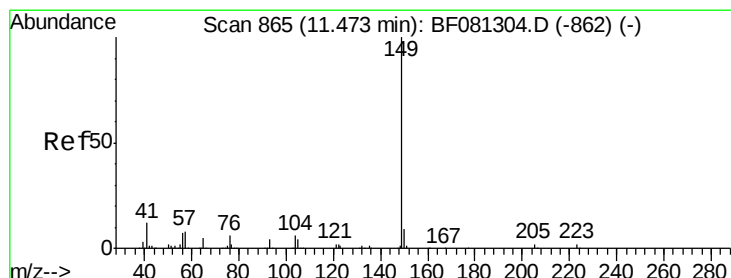
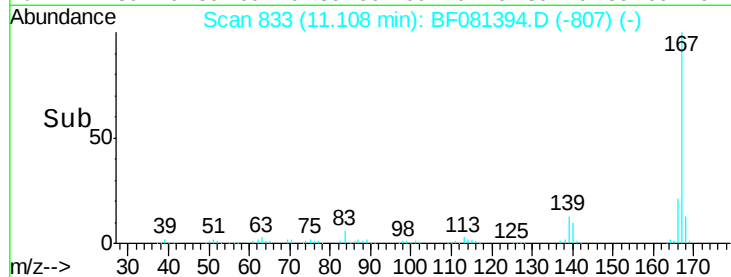
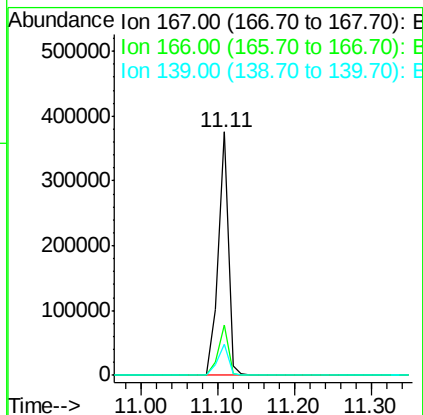
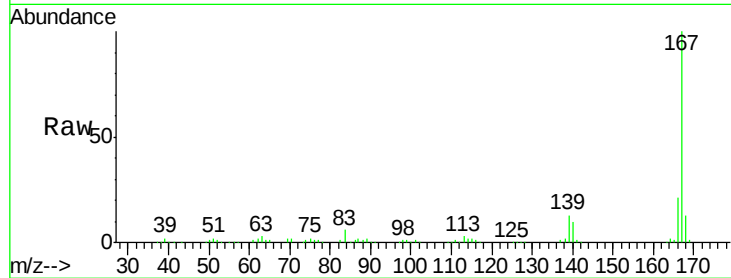
ClientSampleId :

SB-07(7-8.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 344760 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 20.8  | 15.7  | 23.5   |
| 139       | 12.6  | 9.5   | 14.3   |

Manual Integrations  
APPROVED

MMDadoda  
9/4/2015 2:51:18 PM



#73

Di-n-butylphthalate

Concen: 29.77 ng

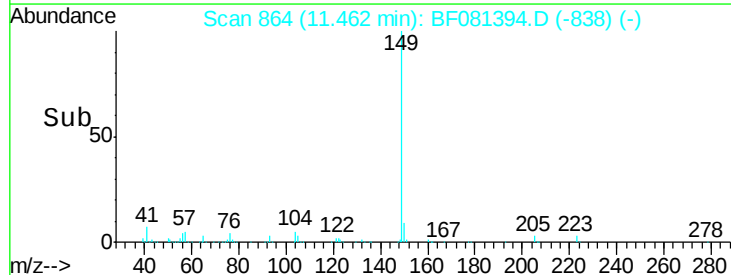
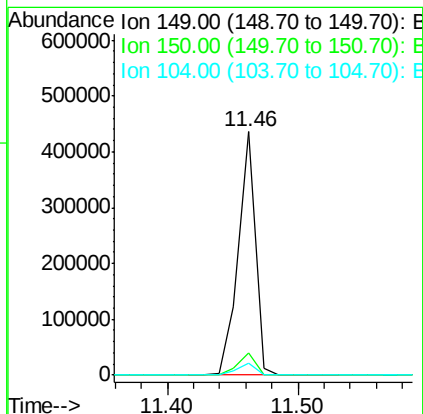
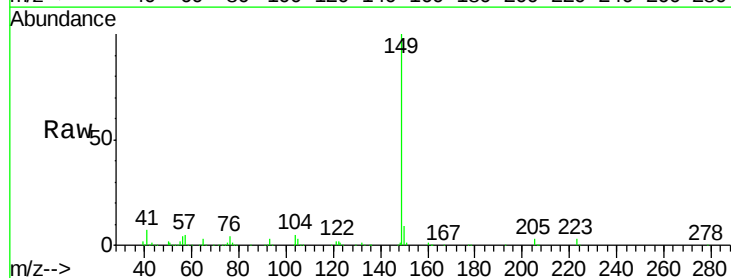
RT: 11.46 min Scan# 864

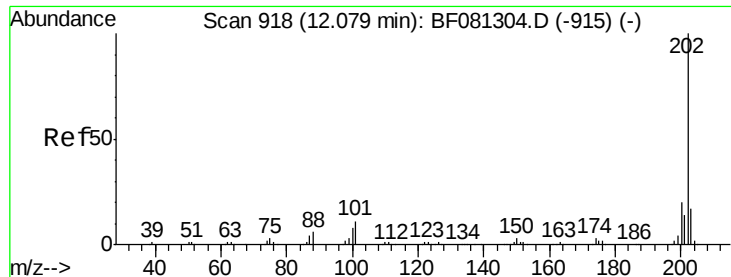
Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 392863 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.1   | 7.4   | 11.2   |
| 104       | 4.6   | 2.4   | 3.6    |





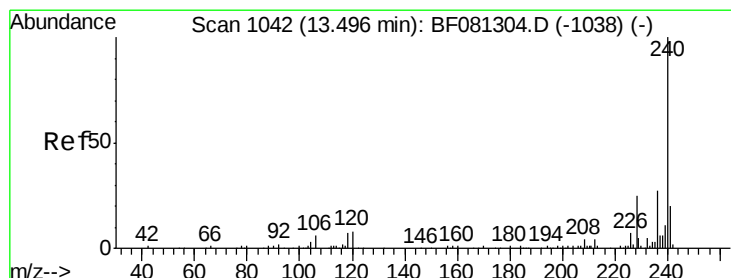
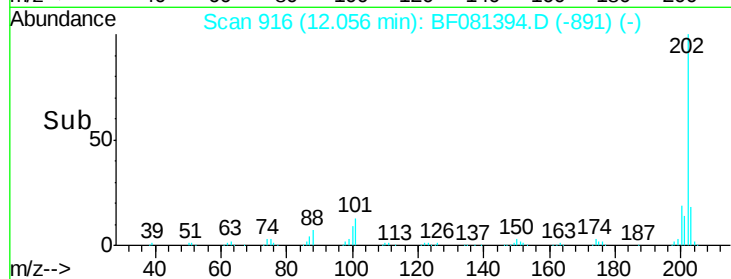
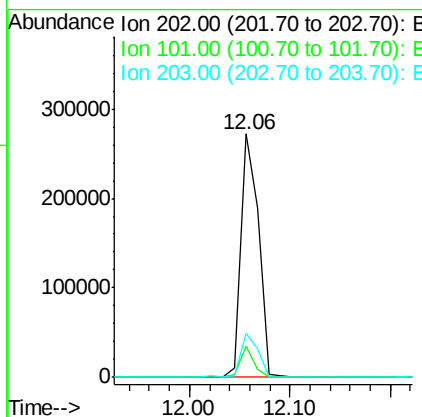
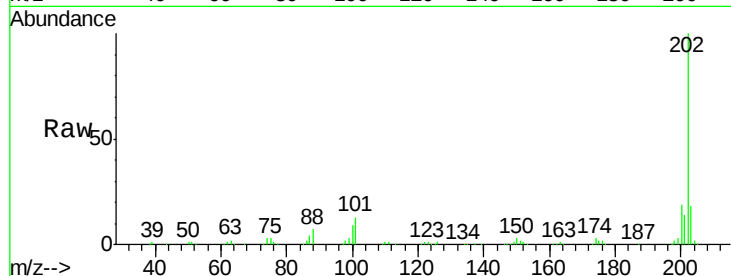
#74  
**Fluoranthene**  
 Concen: 26.22 ng  
 RT: 12.06 min Scan# 916  
 Delta R.T. -0.01 min  
 Lab File: BF081394.D  
 Acq: 4 Sep 2015 00:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 12.6  | 0.0        | 38.3  |
| 203     | 18.2  | 0.0        | 37.3  |

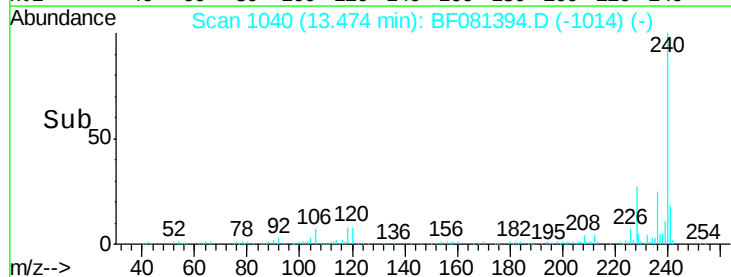
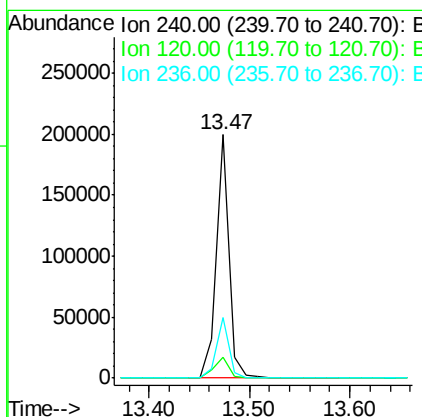
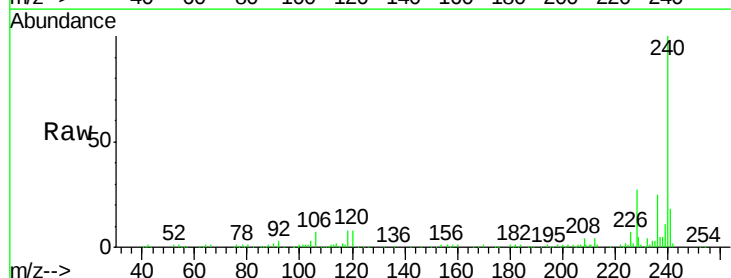
Manual Integrations  
 APPROVED

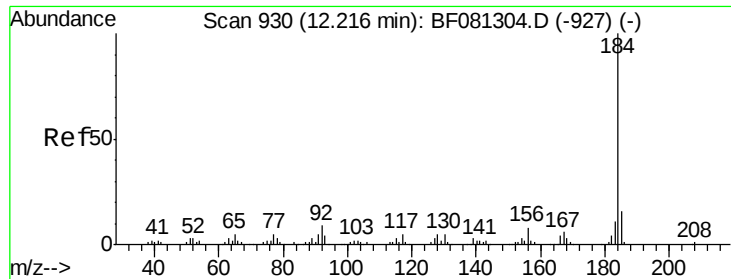
MMDadoda  
 9/4/2015 2:51:18 PM



#75  
**Chrysene-d12**  
 Concen: 20.00 ng  
 RT: 13.47 min Scan# 1040  
 Delta R.T. 0.00 min  
 Lab File: BF081394.D  
 Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 8.4   | 16.2       | 24.2# |
| 236     | 24.9  | 18.4       | 27.6  |





#76

Benzidine

Concen: 11.64 ng

RT: 12.21 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

ClientSampleId :

SB-07(7-8.5)MS

Tot Ion:184 Resp: 87247

Ion Ratio Lower Upper

184 100

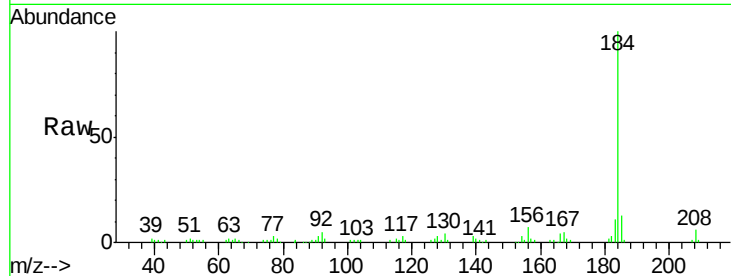
185 13.2 11.8 17.6

183 10.7 7.6 11.4

Manual Integrations  
APPROVED

MMDadoda

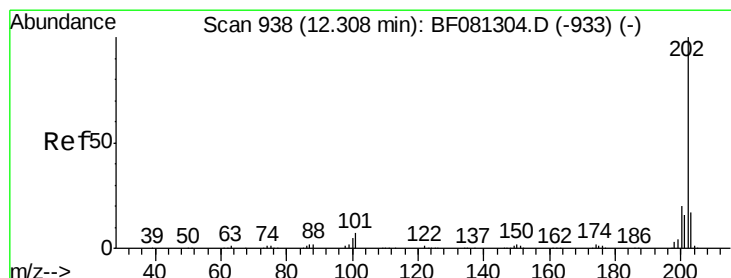
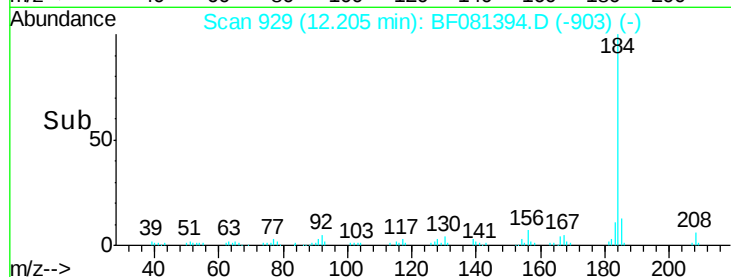
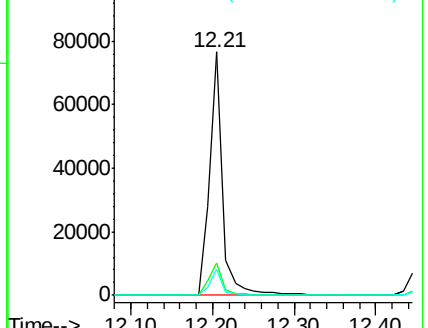
9/4/2015 2:51:18 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 29.64 ng

RT: 12.29 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

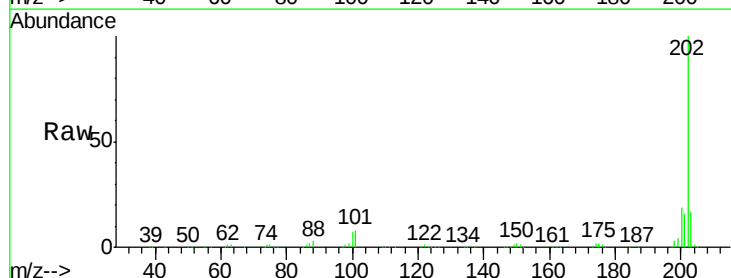
Tgt Ion:202 Resp: 383368

Ion Ratio Lower Upper

202 100

200 19.1 15.0 22.4

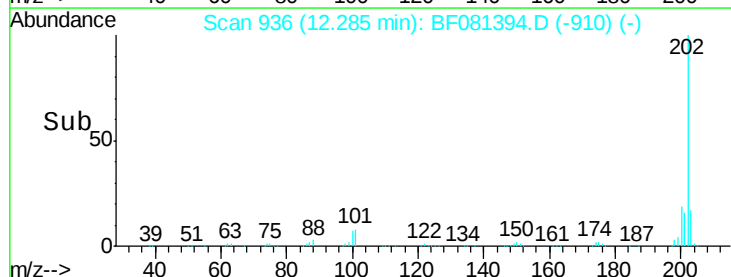
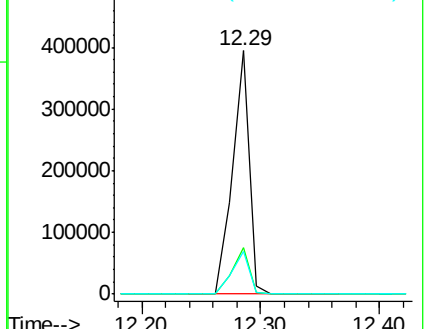
203 17.3 14.1 21.1

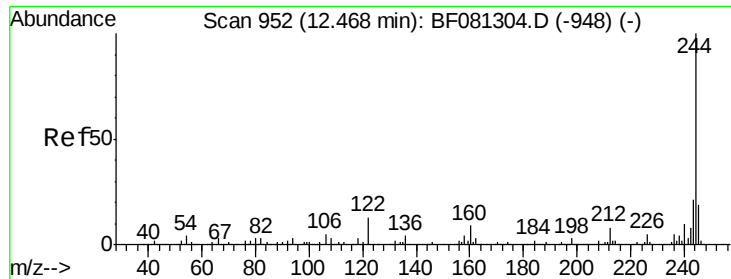


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





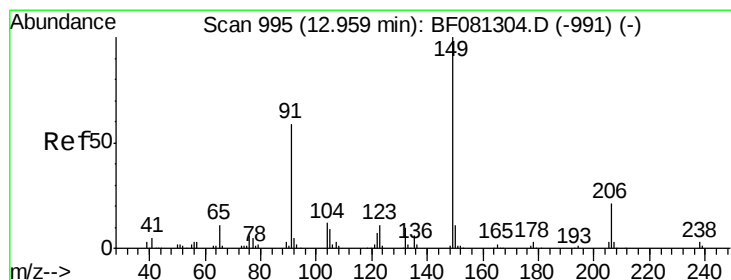
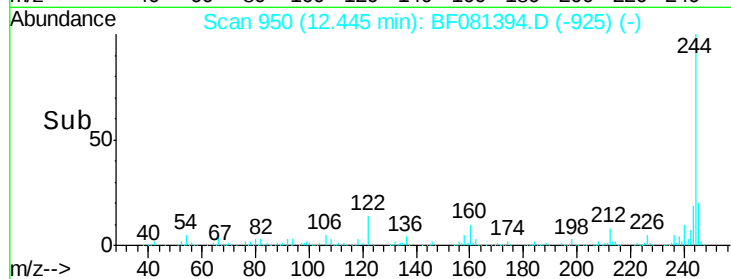
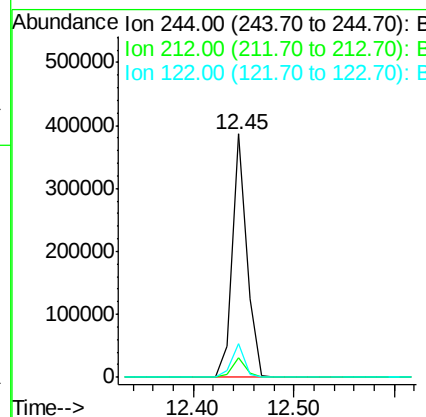
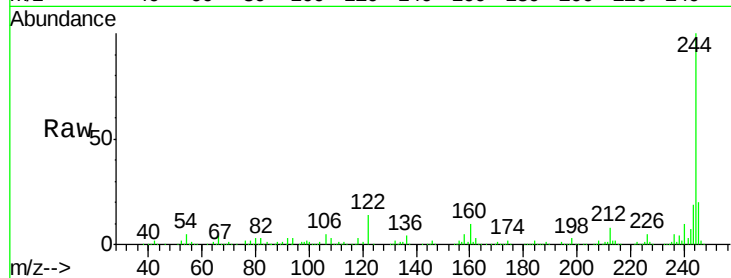
#78  
 Terphenyl-d14  
 Concen: 52.01 ng  
 RT: 12.45 min Scan# 950  
 Delta R.T. -0.01 min  
 Lab File: BF081394.D  
 Acq: 4 Sep 2015 00:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07(7-8.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.8   | 4.3   | 6.5#  |
| 122     | 13.9  | 17.4  | 26.2# |

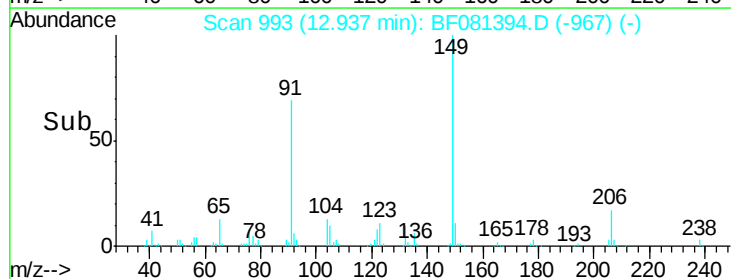
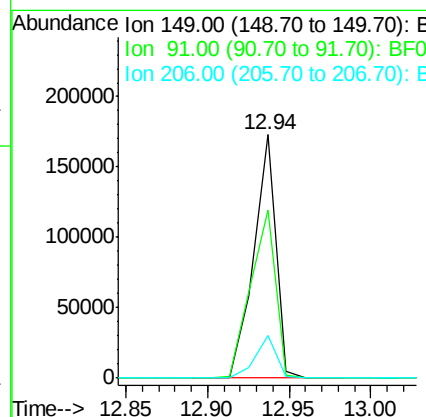
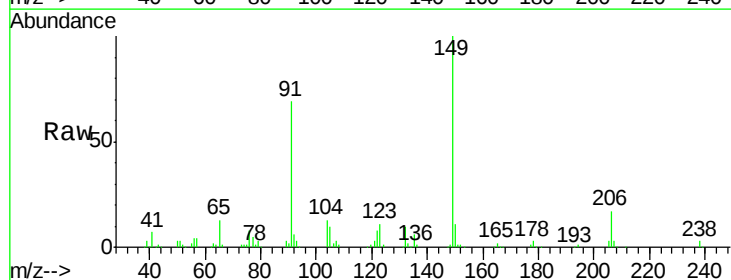
Manual Integrations  
 APPROVED

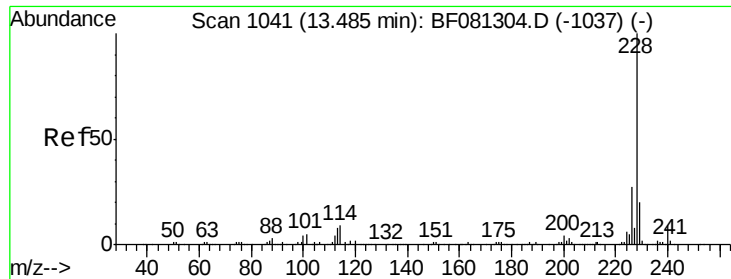
MMDadoda  
 9/4/2015 2:51:18 PM



#79  
 Butylbenzylphthalate  
 Concen: 29.02 ng  
 RT: 12.94 min Scan# 993  
 Delta R.T. 0.00 min  
 Lab File: BF081394.D  
 Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.9  | 48.6  | 72.8  |
| 206     | 17.4  | 14.9  | 22.3  |





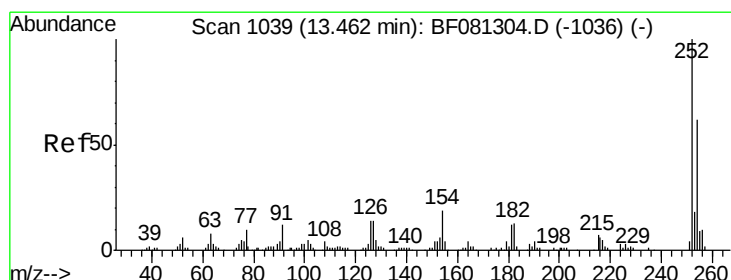
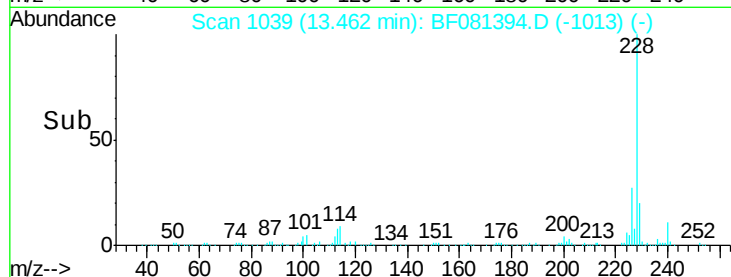
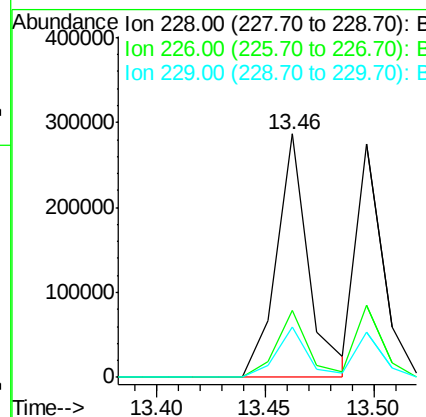
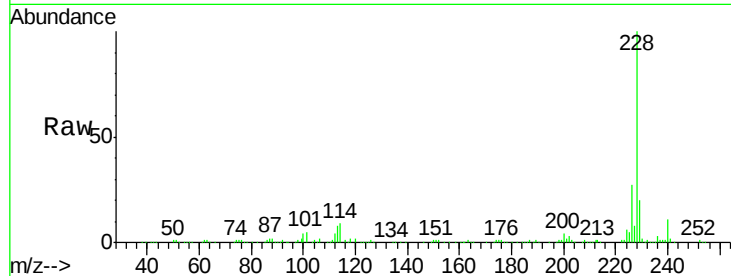
#80  
Benzo(a)anthracene  
Concen: 26.63 ng  
RT: 13.46 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 296120 |       |       |
| 226     | 27.3  | 20.0   | 30.0  |       |
| 229     | 20.5  | 15.4   | 23.2  |       |

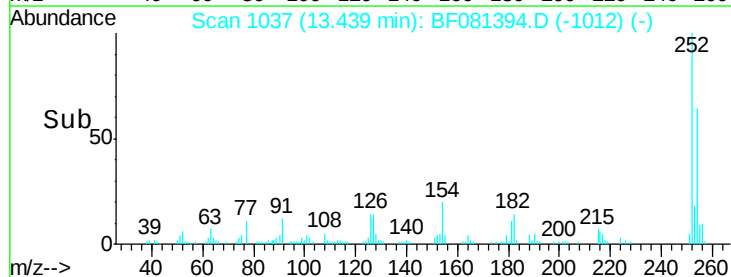
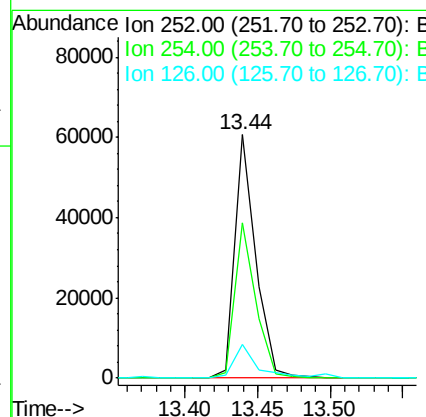
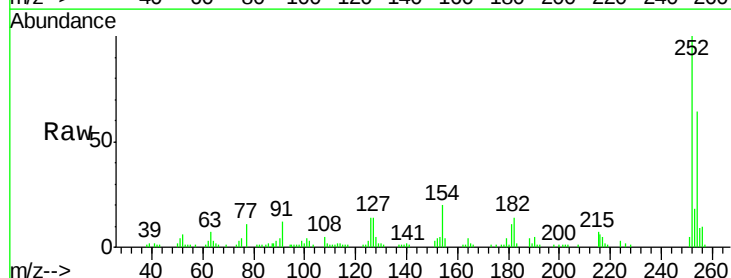
Manual Integrations  
APPROVED

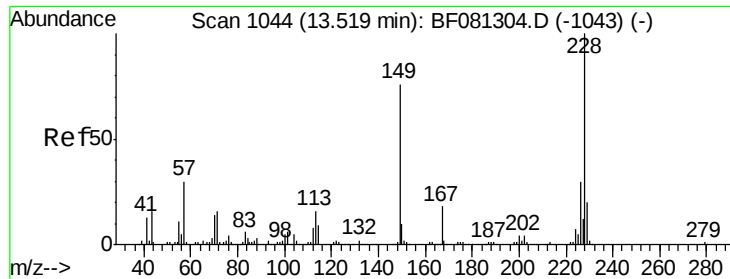
MMDadoda  
9/4/2015 2:51:18 PM



#81  
3,3'-Dichlorobenzidine  
Concen: 16.25 ng  
RT: 13.44 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 60939 |       |       |
| 254     | 63.8  | 51.4  | 77.2  |       |
| 126     | 13.9  | 16.4  | 24.6  |       |





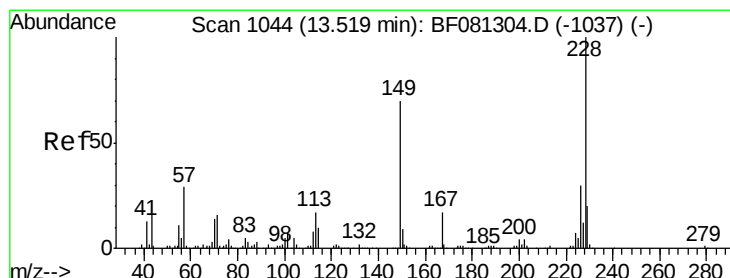
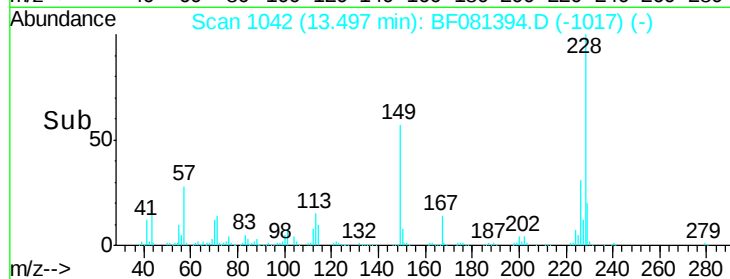
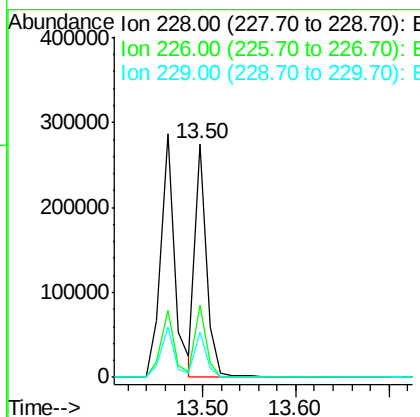
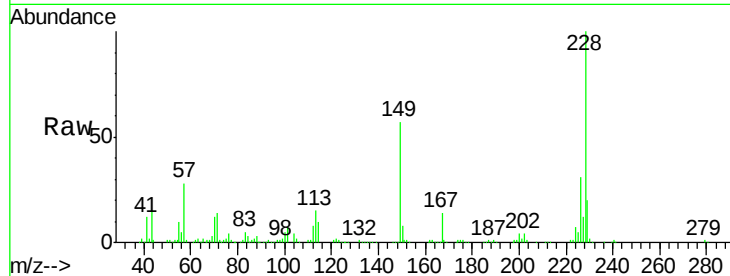
#82  
Chrysene  
Concen: 24.01 ng  
RT: 13.50 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 239318 |       |       |
| 226     | 30.7  | 21.0   | 31.4  |       |
| 229     | 19.6  | 15.6   | 23.4  |       |

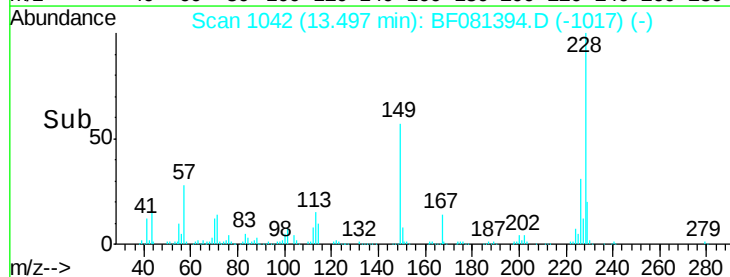
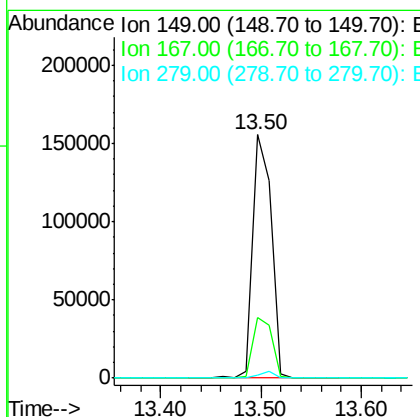
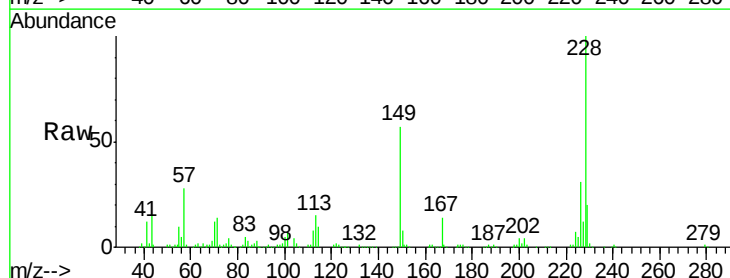
Manual Integrations  
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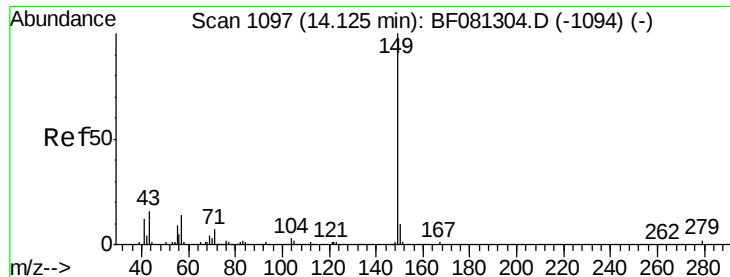
MMDadoda  
9/4/2015 2:51:18 PM



#83  
Bis(2-ethylhexyl)phthalate  
Concen: 26.90 ng  
RT: 13.50 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 199660 |       |       |
| 167     | 24.6  | 24.2   | 36.2  |       |
| 279     | 1.4   | 3.8    | 5.6#  |       |





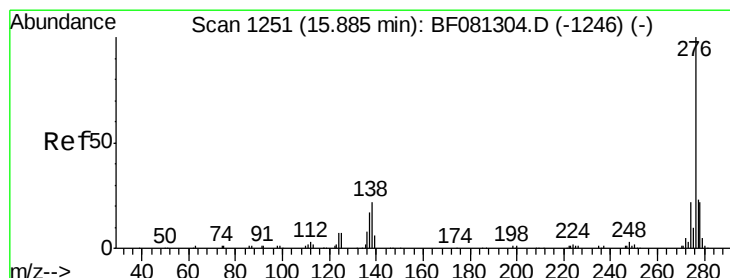
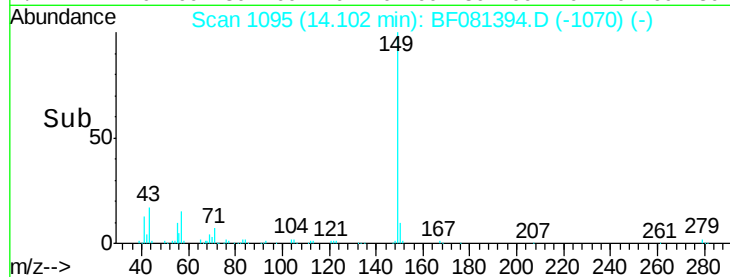
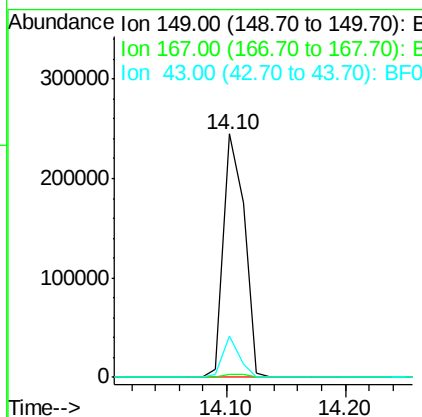
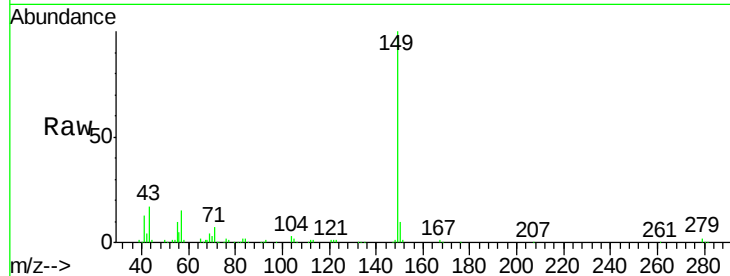
#84  
Di-n-octyl phthalate  
Concen: 24.41 ng  
RT: 14.10 min Scan# 1095  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 298301 |       |       |
| 167     | 1.4   | 1.0    | 1.6   |       |
| 43      | 13.2  | 10.2   | 15.2  |       |

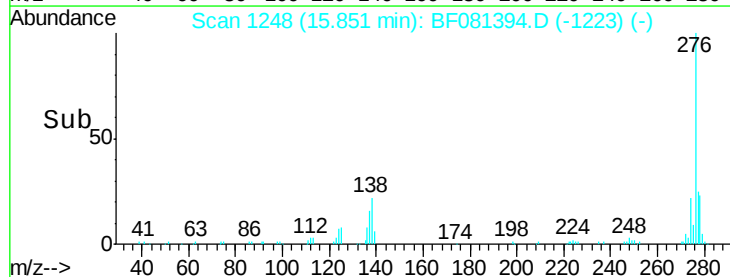
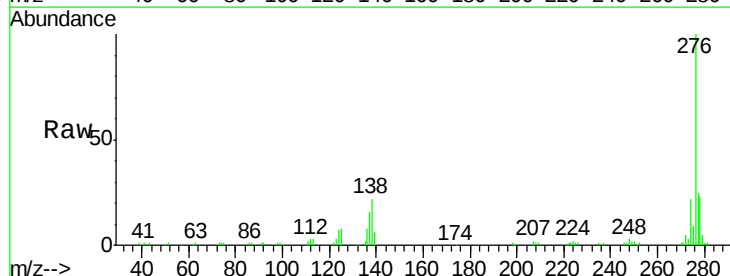
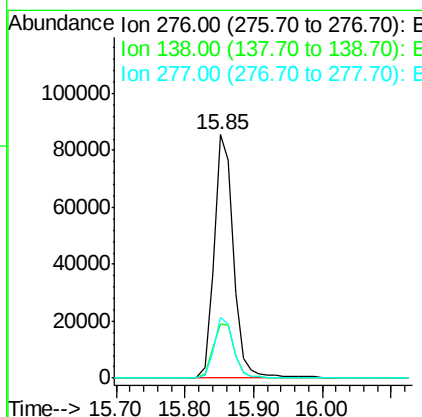
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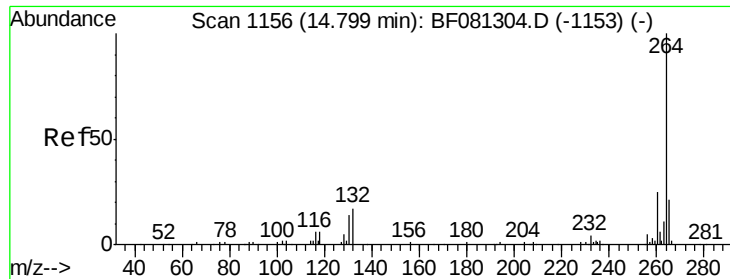
MMDadoda  
9/4/2015 2:51:18 PM



#85  
Indeno(1,2,3-cd)pyrene  
Concen: 23.30 ng  
RT: 15.85 min Scan# 1248  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 170386 |       |       |
| 138     | 24.3  | 25.7   | 38.5# |       |
| 277     | 24.7  | 15.6   | 23.4# |       |





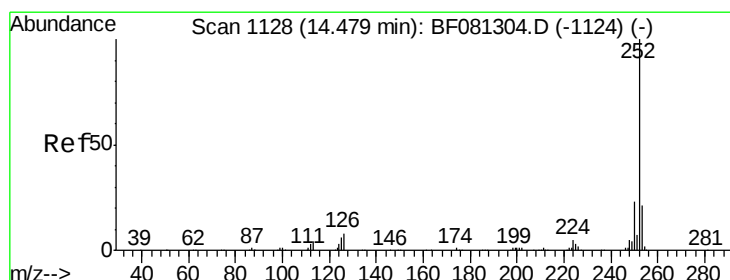
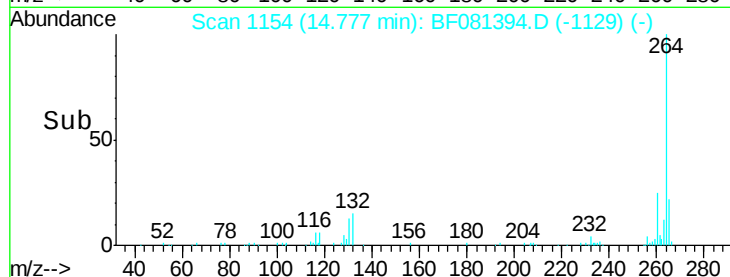
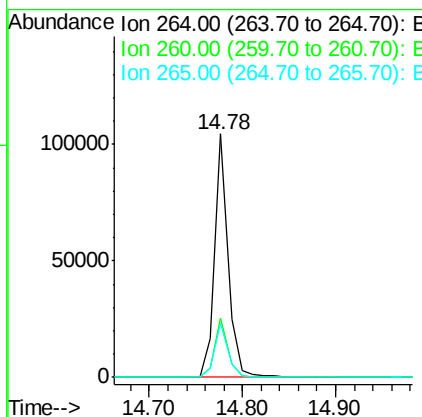
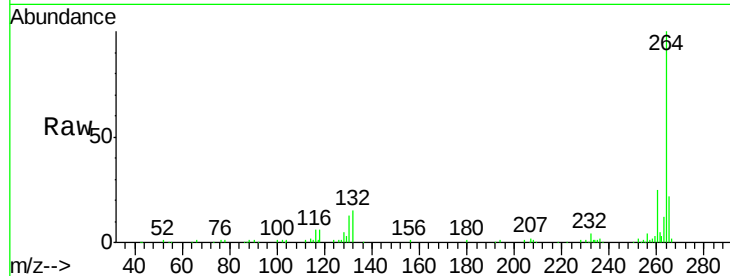
#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 14.78 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 16.7  | 25.1  |
| 265     | 22.3  | 17.2  | 25.8  |

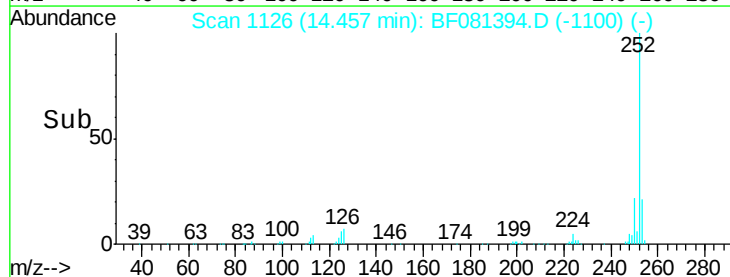
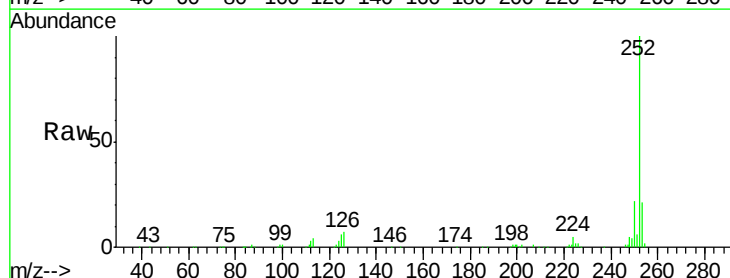
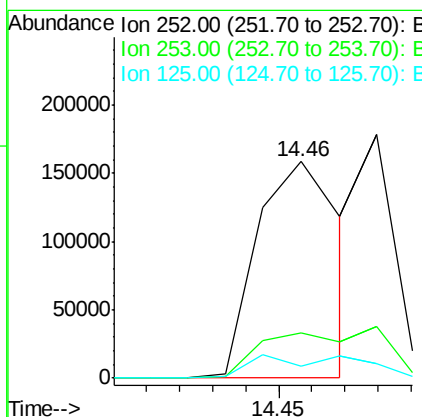
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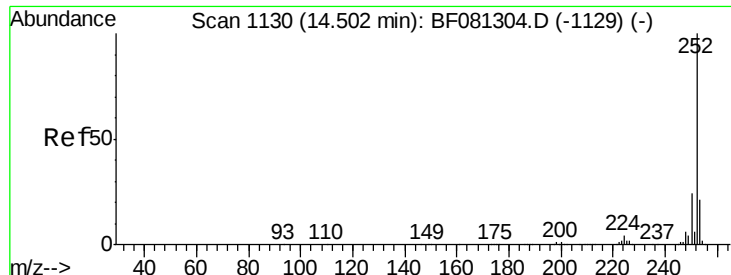
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#87  
Benzo(b)fluoranthene  
Concen: 37.12 ng m  
RT: 14.46 min Scan# 1126  
Delta R.T. 0.00 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 17.5  | 26.3  |
| 125     | 5.7   | 17.1  | 25.7# |





#88

Benzo(k)fluoranthene

Concen: 21.63 ng m

RT: 14.48 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

Instrument :

BNA\_F

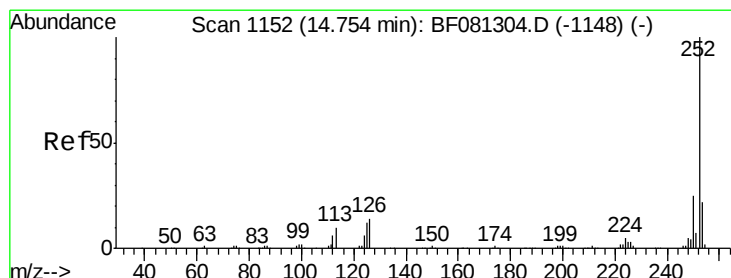
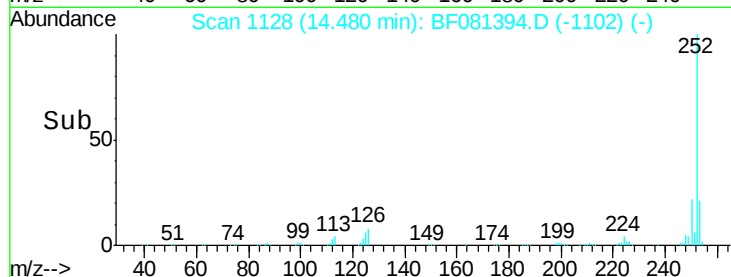
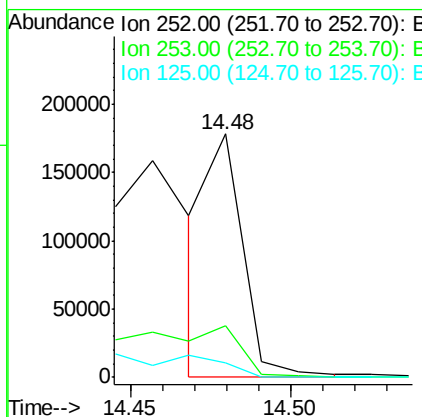
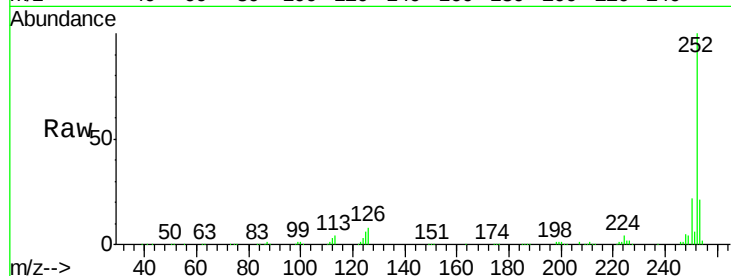
ClientSampleId :

SB-07(7-8.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 134263 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.3  | 17.0  | 25.4   |
| 125       | 6.2   | 16.0  | 24.0#  |

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#89

Benzo(a)pyrene

Concen: 29.91 ng

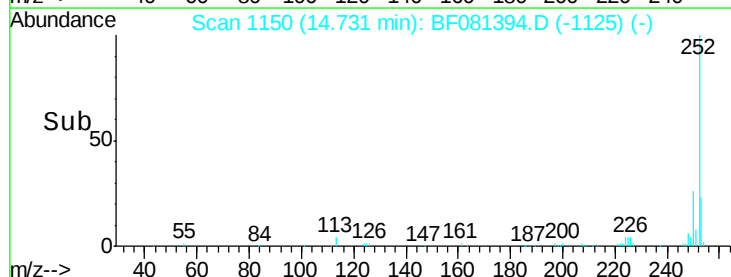
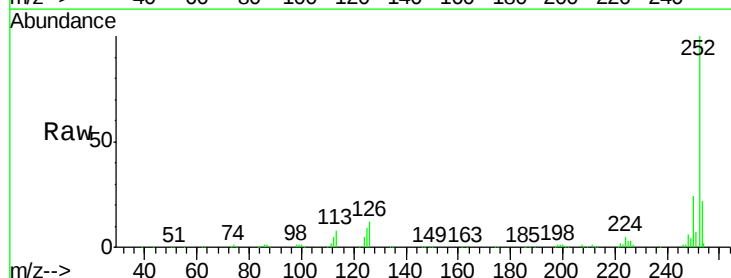
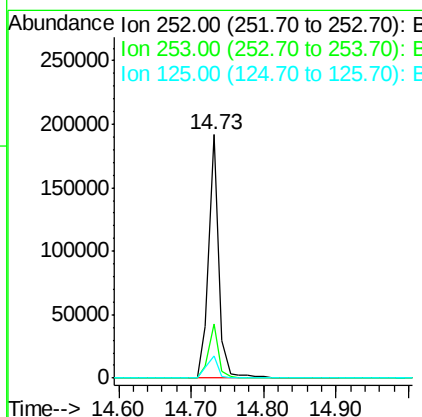
RT: 14.73 min Scan# 1150

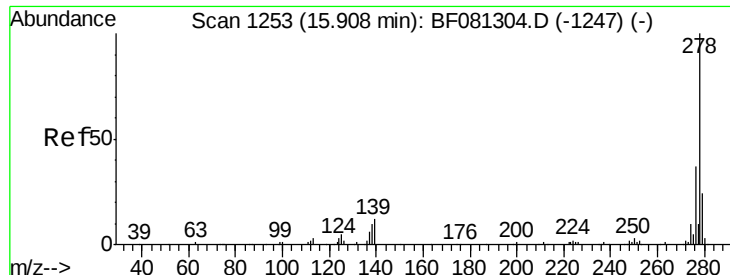
Delta R.T. -0.01 min

Lab File: BF081394.D

Acq: 4 Sep 2015 00:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 189638 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 17.2  | 25.8   |
| 125       | 9.4   | 18.0  | 27.0#  |





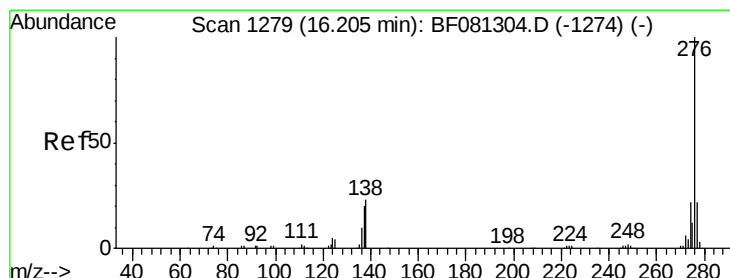
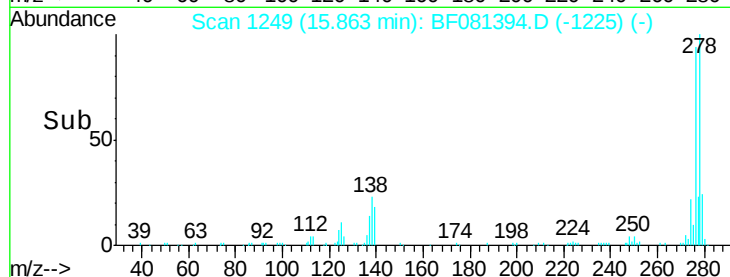
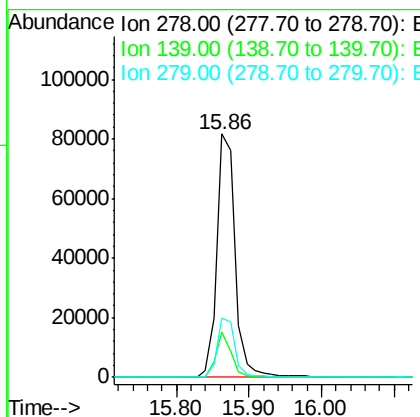
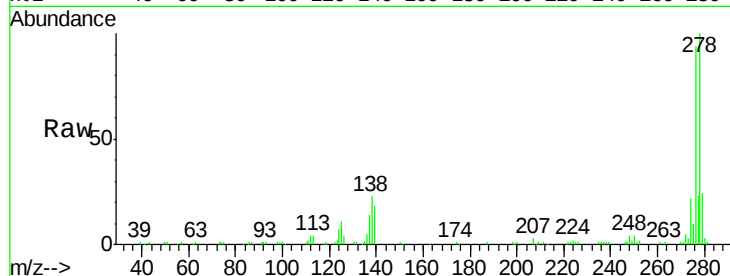
#90  
Dibenzo(a,h)anthracene  
Concen: 29.38 ng  
RT: 15.86 min Scan# 1249  
Delta R.T. -0.02 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(7-8.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.4  | 26.3  | 39.5# |
| 279     | 24.1  | 18.2  | 27.4  |

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#91  
Benzo(g,h,i)perylene  
Concen: 31.11 ng  
RT: 16.17 min Scan# 1276  
Delta R.T. -0.01 min  
Lab File: BF081394.D  
Acq: 4 Sep 2015 00:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.8  | 17.8  | 26.6  |
| 138     | 20.1  | 34.6  | 51.8# |

