

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080415\  
 Data File : BF080854.D  
 Acq On : 4 Aug 2015 23:25  
 Operator : TP/UM  
 Sample : PB84838BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

Manual Integrations  
 APPROVED

MMDadoda  
 8/5/2015 7:01:01 PM

Quant Time: Aug 05 07:41:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 05 01:46:16 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 108412   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.11  | 136  | 420187   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.86  | 164  | 184426   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 289648   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.96 | 240  | 157868   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.37 | 264  | 125140   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.44  | 112 | 471817 | 65.87 | ng | 0.01 |
| 7) Phenol-d6             | 6.46  | 99  | 720921 | 76.99 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.39  | 82  | 443605 | 49.75 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 127142 | 71.49 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.18  | 172 | 656464 | 47.93 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 496006 | 56.87 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.56 | 88  | 72938   | 20.77 | ng | 99     |
| 3) Pyridine                    | 3.25 | 79  | 220671  | 22.80 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.21 | 42  | 115547  | 23.27 | ng | 95     |
| 6) Aniline                     | 6.49 | 93  | 204345  | 15.00 | ng | 97     |
| 8) 2-Chlorophenol              | 6.61 | 128 | 196330  | 24.47 | ng | 97     |
| 9) Benzaldehyde                | 6.37 | 77  | 36672   | 5.61  | ng | 90     |
| 10) Phenol                     | 6.48 | 94  | 266384  | 23.91 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 217883  | 26.19 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 190499  | 22.15 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146 | 199380  | 23.10 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146 | 177631  | 21.81 | ng | 98     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 153200  | 25.05 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 400611  | 24.88 | ng | 99     |
| 17) 2-Methylphenol             | 7.08 | 107 | 170805  | 24.30 | ng | 98     |
| 18) Hexachloroethane           | 7.33 | 117 | 77594   | 23.66 | ng | # 78   |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 140207  | 23.18 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 192999  | 23.68 | ng | # 90   |
| 22) Acetophenone               | 7.24 | 105 | 270178  | 26.33 | ng | 97     |
| 24) Nitrobenzene               | 7.41 | 77  | 218000  | 23.57 | ng | 94     |
| 25) Isophorone                 | 7.65 | 82  | 397256  | 25.14 | ng | 99     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 91698m  | 24.17 | ng |        |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 187606m | 26.56 | ng |        |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93  | 229676  | 23.64 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 143143  | 24.55 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 163659  | 24.67 | ng | 100    |
| 31) Naphthalene                | 8.13 | 128 | 572848  | 25.03 | ng | 100    |
| 32) Benzoic acid               | 7.88 | 122 | 127756m | 27.86 | ng |        |
| 33) 4-Chloroaniline            | 8.18 | 127 | 72178   | 8.06  | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 91163   | 24.10 | ng | 97     |
| 35) Caprolactam                | 8.54 | 113 | 45987m  | 27.62 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 163387  | 25.54 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 347229  | 25.32 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 139292  | 22.13 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 8.98 | 237 | 197615  | 52.29 | ng | 97     |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

Manual Integrations  
 APPROVED

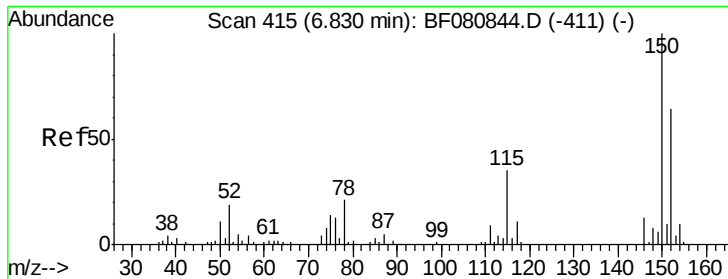
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 8/5/2015 7:01:01 PM

Quant Time: Aug 05 07:41:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 05 01:46:16 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.09  | 196  | 93878    | 22.01 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.14  | 196  | 104941   | 24.53 | ng #  | 85       |
| 45) 1,1'-Biphenyl              | 9.29  | 154  | 424832   | 24.99 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.31  | 162  | 309937   | 23.44 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.40  | 65   | 123444   | 25.65 | ng    | 99       |
| 48) Acenaphthylene             | 9.72  | 152  | 535955   | 24.63 | ng    | 100      |
| 49) Dimethylphthalate          | 9.58  | 163  | 315714   | 23.47 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.64  | 165  | 66058    | 23.48 | ng    | 93       |
| 51) Acenaphthene               | 9.89  | 154  | 351723   | 26.89 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.81  | 138  | 45701    | 13.15 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 9.92  | 184  | 85835    | 50.02 | ng #  | 61       |
| 54) Dibenzofuran               | 10.06 | 168  | 441958   | 25.34 | ng    | 97       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 130177   | 53.25 | ng    | 91       |
| 56) 2,4-Dinitrotoluene         | 10.04 | 165  | 82938    | 23.35 | ng #  | 85       |
| 57) Fluorene                   | 10.41 | 166  | 331980   | 24.92 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 79323    | 25.83 | ng    | 99       |
| 59) Diethylphthalate           | 10.28 | 149  | 322593   | 24.23 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204  | 135897   | 23.93 | ng    | 99       |
| 61) 4-Nitroaniline             | 10.42 | 138  | 66224    | 21.36 | ng    | 95       |
| 62) Azobenzene                 | 10.56 | 77   | 390050   | 25.04 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 50767    | 27.25 | ng    | 84       |
| 65) n-Nitrosodiphenylamine     | 10.52 | 169  | 289491   | 26.09 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.89 | 248  | 86477    | 26.98 | ng    | 97       |
| 67) Hexachlorobenzene          | 10.94 | 284  | 91393    | 26.10 | ng    | 98       |
| 68) Atrazine                   | 11.05 | 200  | 85046    | 29.44 | ng    | 97       |
| 69) Pentachlorophenol          | 11.14 | 266  | 95854    | 50.24 | ng    | 99       |
| 70) Phenanthrene               | 11.37 | 178  | 420077   | 25.10 | ng    | 99       |
| 71) Anthracene                 | 11.41 | 178  | 433840   | 26.68 | ng    | 99       |
| 72) Carbazole                  | 11.56 | 167  | 364516   | 23.76 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.90 | 149  | 490508   | 27.01 | ng    | 100      |
| 74) Fluoranthene               | 12.54 | 202  | 408038   | 25.03 | ng    | 98       |
| 76) Benzidine                  | 12.67 | 184  | 126455   | 16.55 | ng    | 100      |
| 77) Pyrene                     | 12.77 | 202  | 440401   | 31.10 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.40 | 149  | 171818   | 29.66 | ng #  | 63       |
| 80) Benzo(a)anthracene         | 13.95 | 228  | 287613   | 27.24 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 53099    | 13.53 | ng    | 98       |
| 82) Chrysene                   | 14.00 | 228  | 279184   | 25.94 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 223151   | 28.85 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.57 | 149  | 381405   | 29.34 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.73 | 276  | 215234   | 24.36 | ng    | 100      |
| 87) Benzo(h)fluoranthene       | 14.97 | 252  | 308415m  | 32.95 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.00 | 252  | 181147m  | 25.14 | ng    |          |
| 89) Benzo(a)pyrene             | 15.31 | 252  | 224991   | 29.45 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.75 | 278  | 179391   | 27.03 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.14 | 276  | 176890   | 27.57 | ng    | 99       |

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

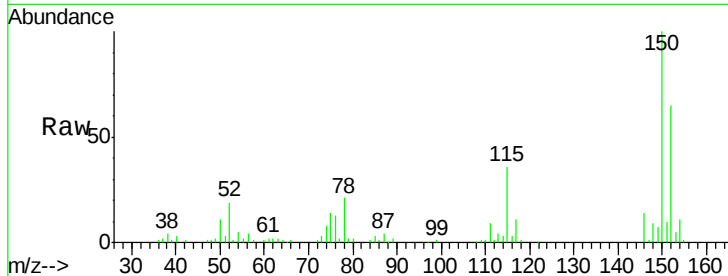




#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.83 min Scan# 415  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

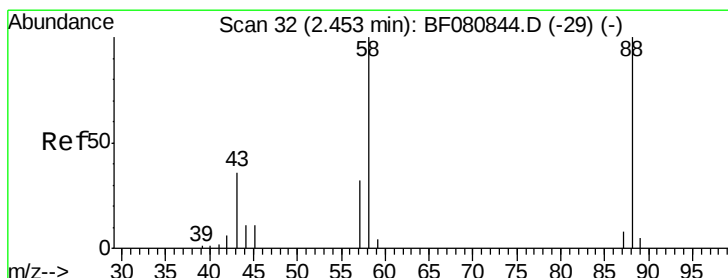
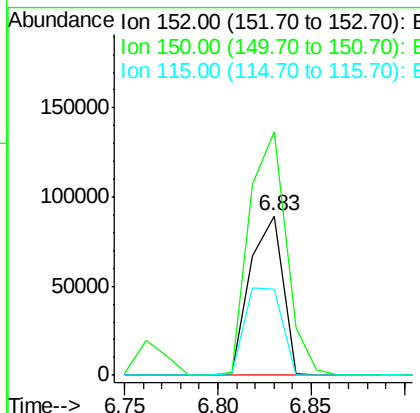
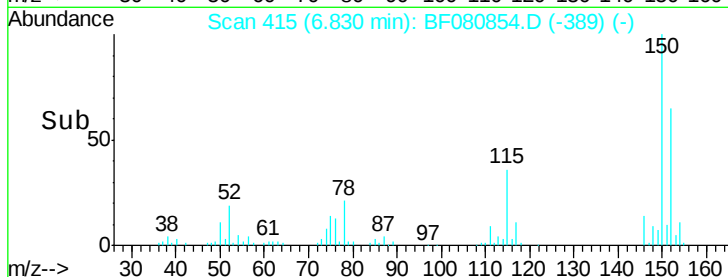
Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.8 | 124.6 | 187.0 |
| 115     | 54.3  | 44.2  | 66.4  |

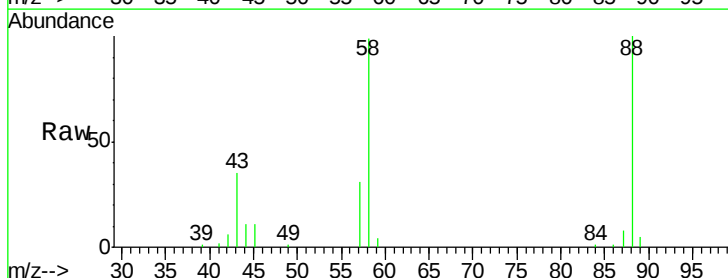
Manual Integrations  
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MMDadoda  
8/5/2015 7:01:01 PM

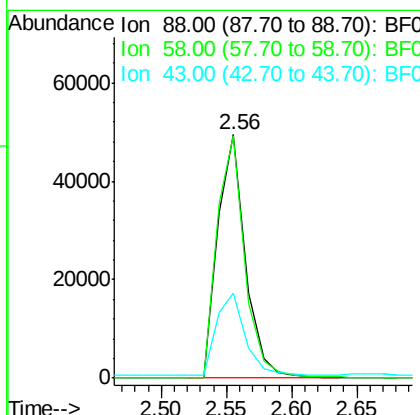
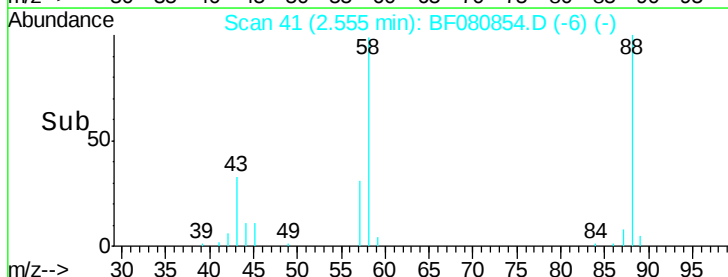


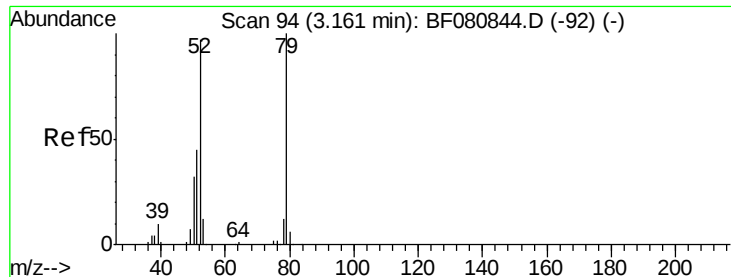
#2

1,4-Dioxane  
Concen: 20.77 ng  
RT: 2.56 min Scan# 41  
Delta R.T. 0.10 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 100.1 | 79.2  | 118.8 |
| 43      | 35.0  | 28.1  | 42.1  |





#3

Pyridine

Concen: 22.80 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

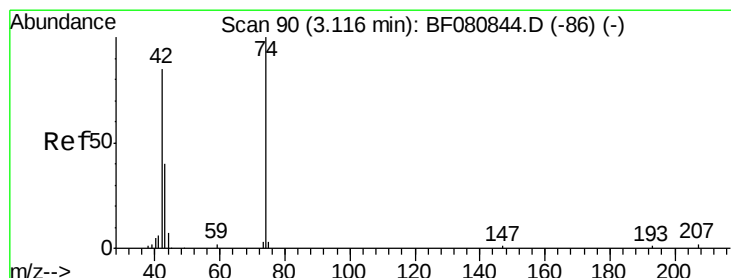
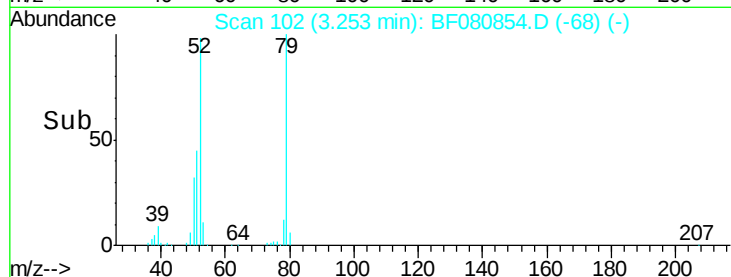
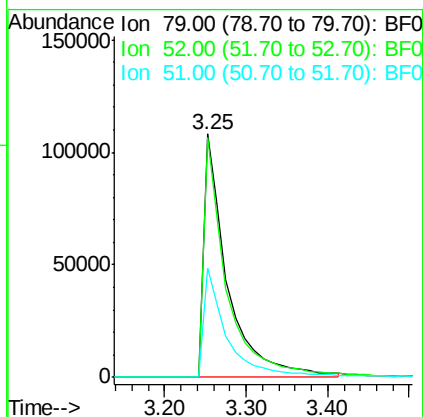
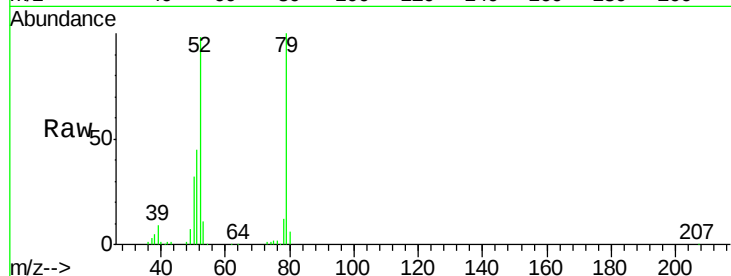
ClientSampleId :

PB84838BS

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:01 PM

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 220671 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 98.5  | 77.7  | 116.5  |
| 51       | 44.7  | 36.1  | 54.1   |



#4

n-Nitrosodimethylamine

Concen: 23.27 ng

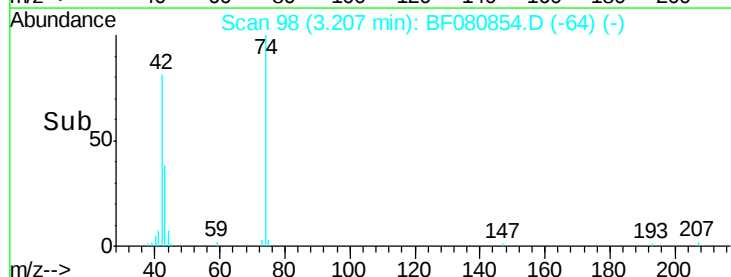
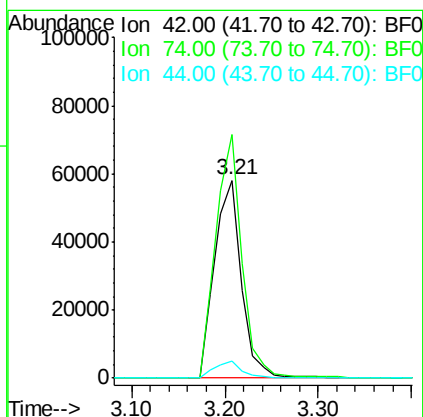
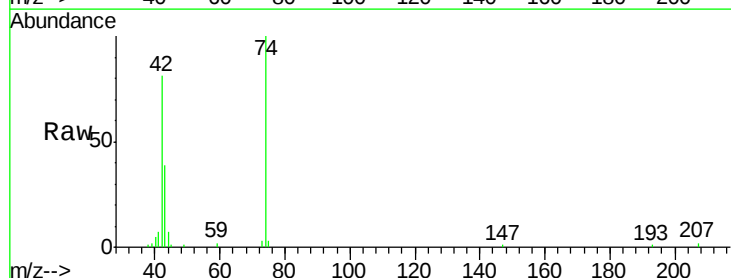
RT: 3.21 min Scan# 98

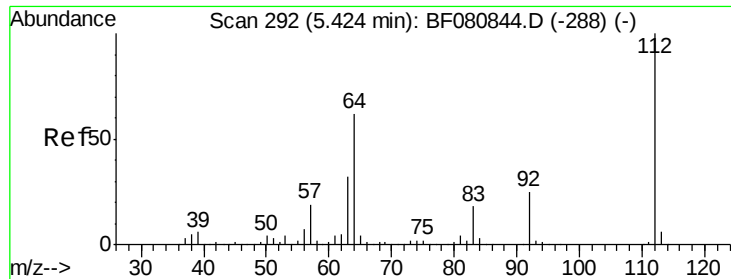
Delta R.T. 0.09 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 115547 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 123.2 | 94.3  | 141.5  |
| 44       | 8.5   | 6.2   | 9.2    |





#5

2-Fluorophenol

Concen: 65.87 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080854.D

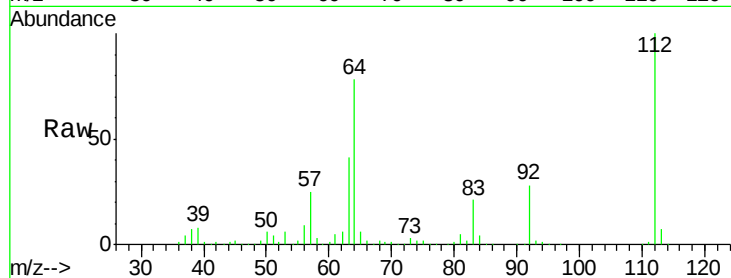
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

PB84838BS



Tgt Ion: 112 Resp: 471817

Ion Ratio Lower Upper

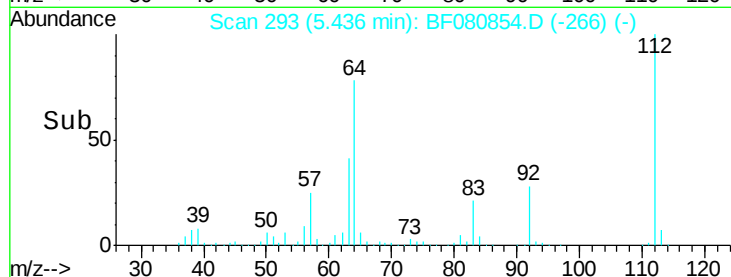
112 100

64 78.3 49.5 74.3#

63 40.8 25.3 37.9#

Manual Integrations  
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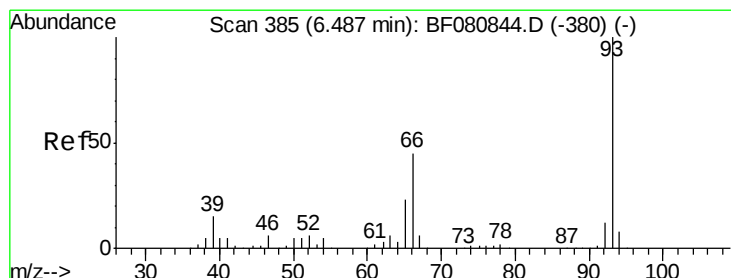
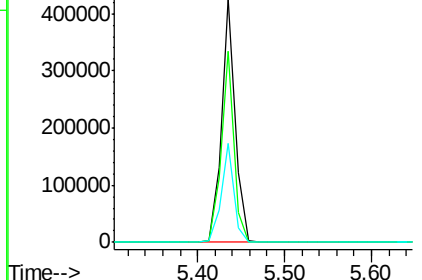
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.00 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

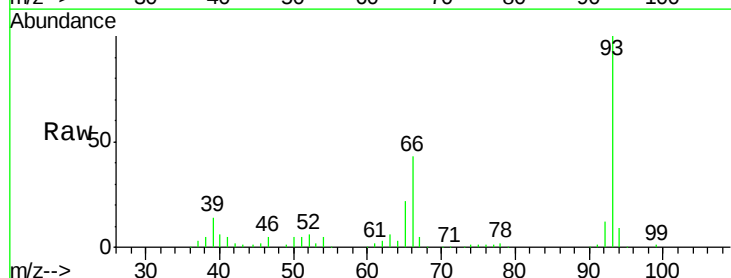
Tgt Ion: 93 Resp: 204345

Ion Ratio Lower Upper

93 100

66 42.8 35.8 53.6

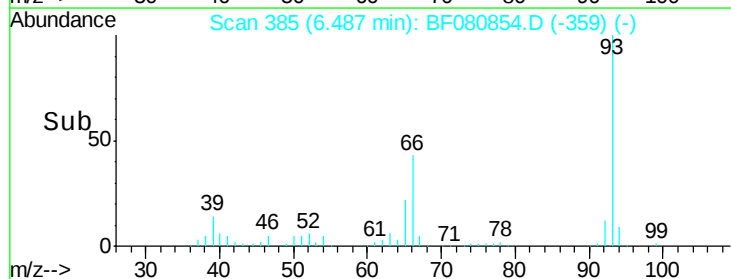
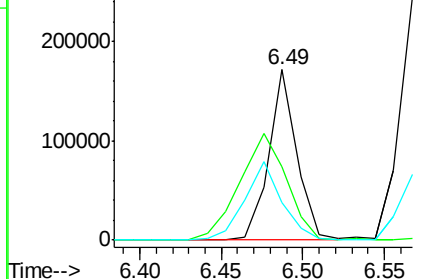
65 21.9 18.2 27.2

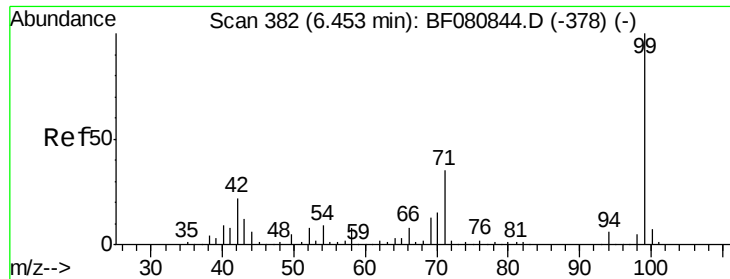


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.99 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080854.D

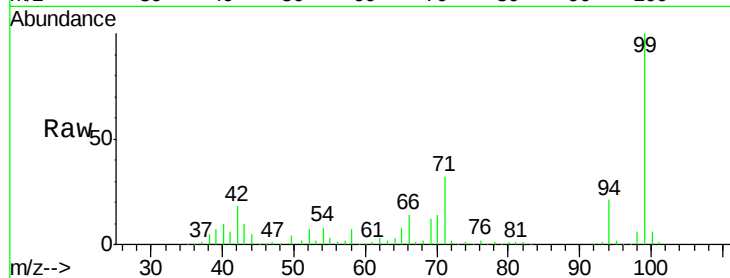
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

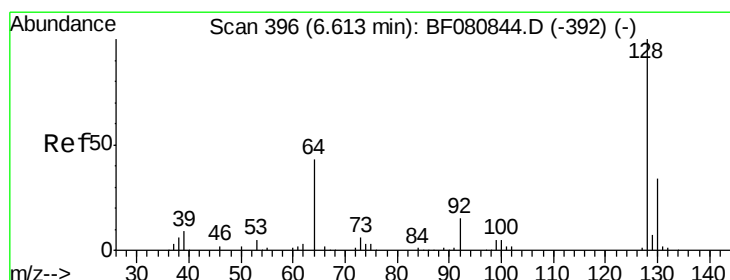
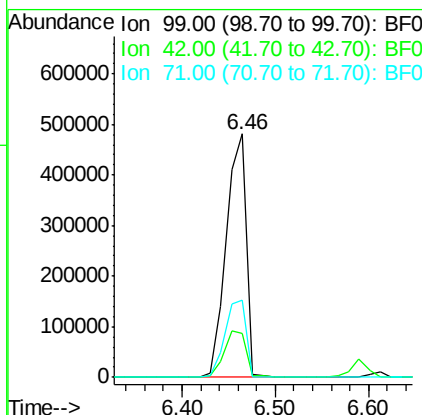
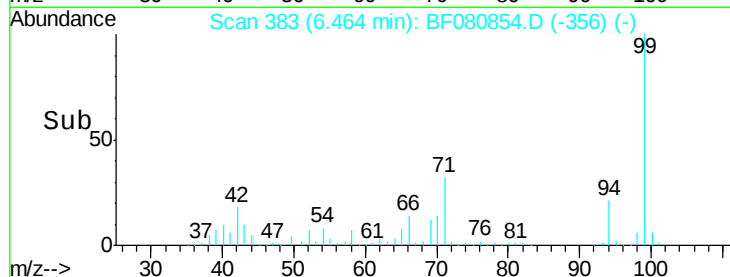
PB84838BS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 720921 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 18.1  | 17.9  | 26.9   |
| 71       | 31.7  | 28.2  | 42.4   |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:01 PM



#8

2-Chlorophenol

Concen: 24.47 ng

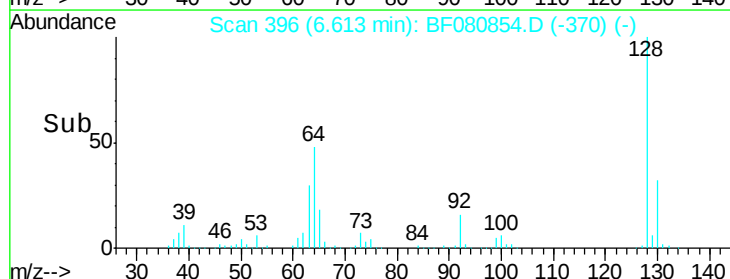
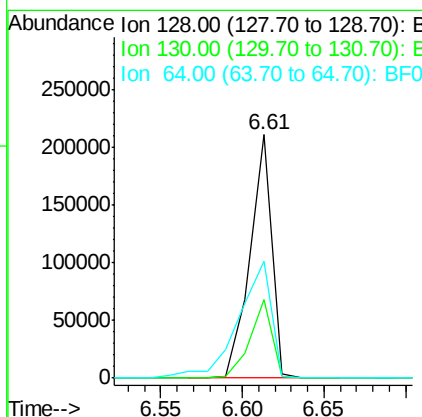
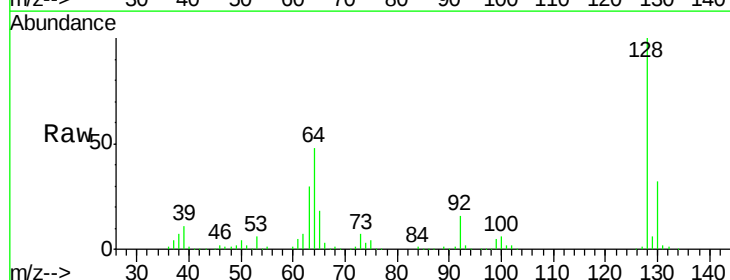
RT: 6.61 min Scan# 396

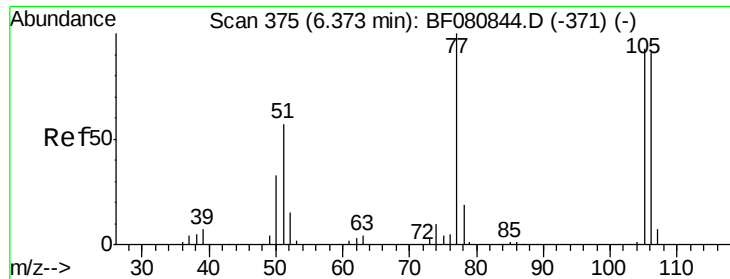
Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

|          |       |       |        |
|----------|-------|-------|--------|
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| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.5  | 13.9  | 53.9   |
| 64       | 48.0  | 26.2  | 66.2   |





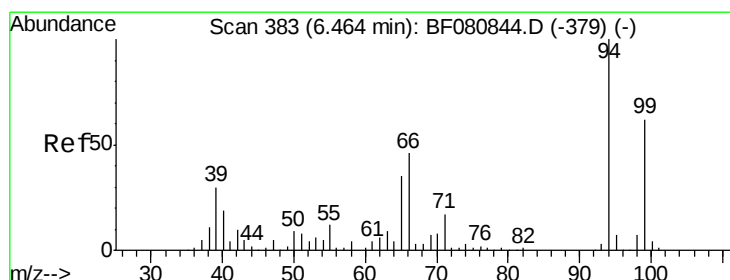
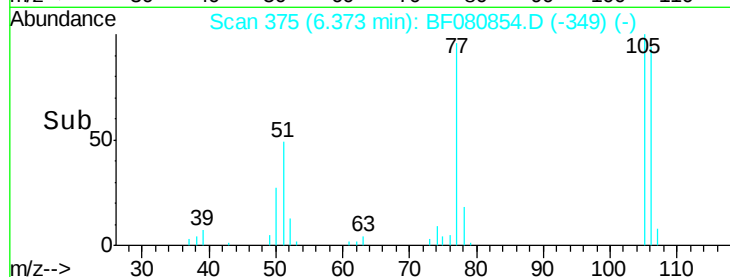
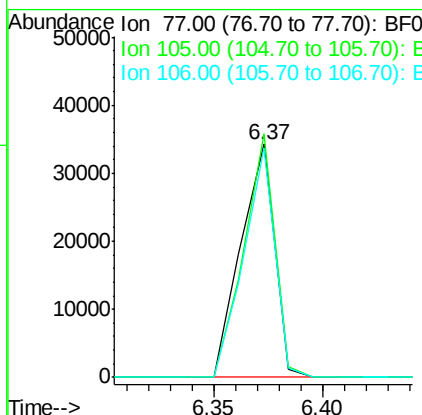
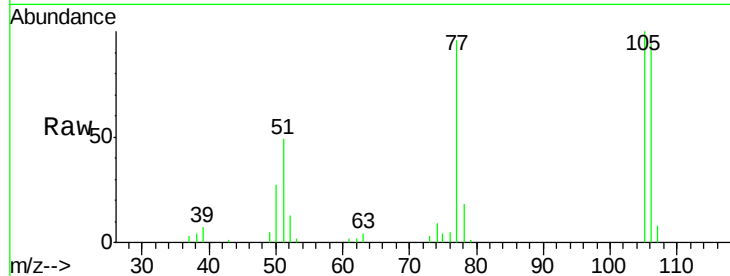
#9  
Benzaldehyde  
Concen: 5.61 ng  
RT: 6.37 min Scan# 375  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

Tgt Ion: 77 Resp: 36672  
Ion Ratio Lower Upper  
77 100  
105 104.5 73.5 113.5  
106 98.4 70.8 110.8

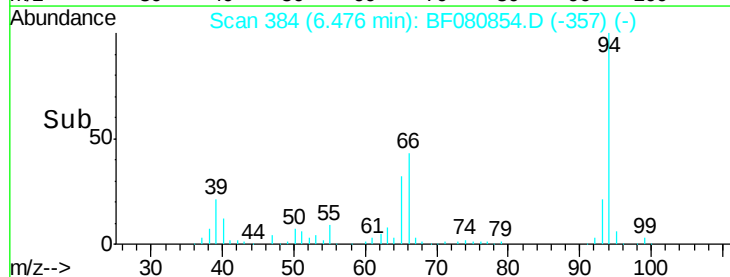
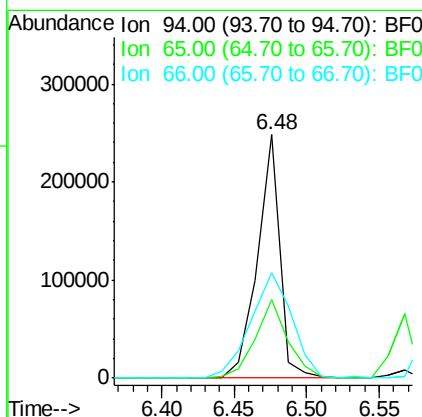
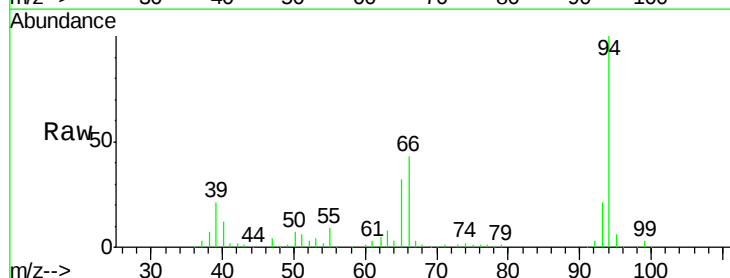
Manual Integrations  
APPROVED

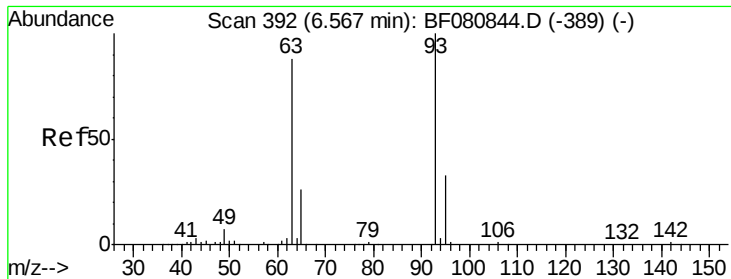
MMDadoda  
8/5/2015 7:01:01 PM



#10  
Phenol  
Concen: 23.91 ng  
RT: 6.48 min Scan# 384  
Delta R.T. 0.01 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Tgt Ion: 94 Resp: 266384  
Ion Ratio Lower Upper  
94 100  
65 32.1 15.2 55.2  
66 43.3 25.9 65.9





#11

bis(2-Chloroethyl)ether

Concen: 26.19 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

PB84838BS

Tgt Ion: 93 Resp: 217883

Ion Ratio Lower Upper

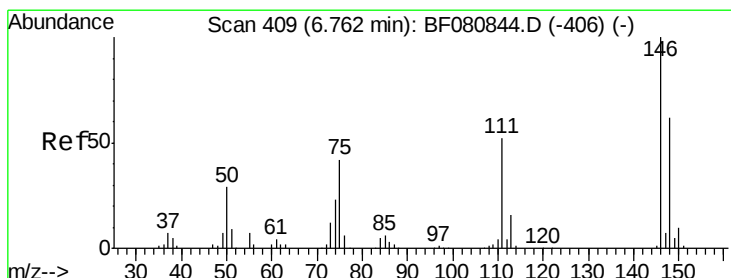
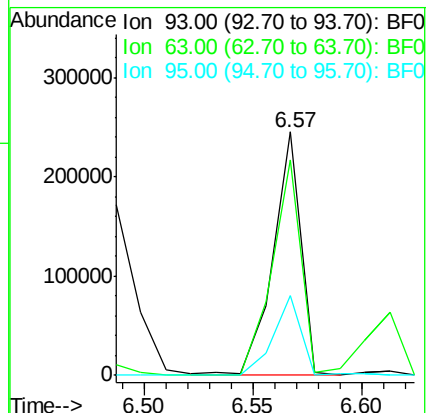
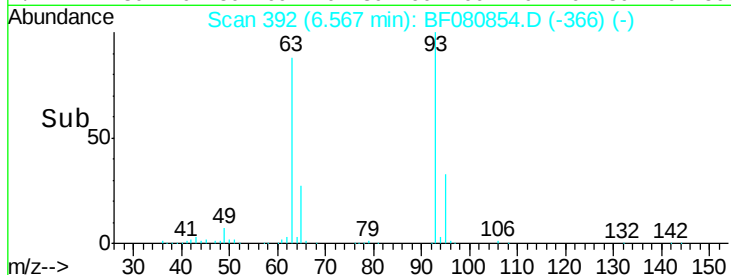
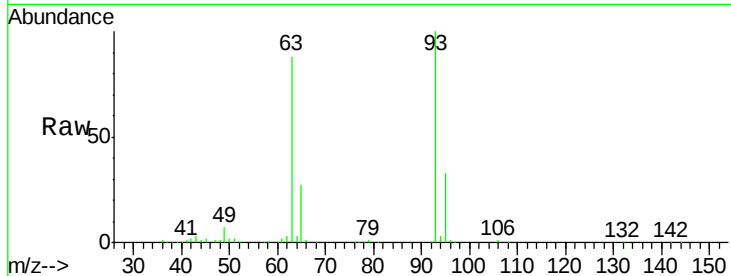
93 100

63 88.5 67.6 107.6

95 32.7 12.9 52.9

Manual Integrations  
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8/5/2015 7:01:01 PM



#12

1,3-Dichlorobenzene

Concen: 22.15 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

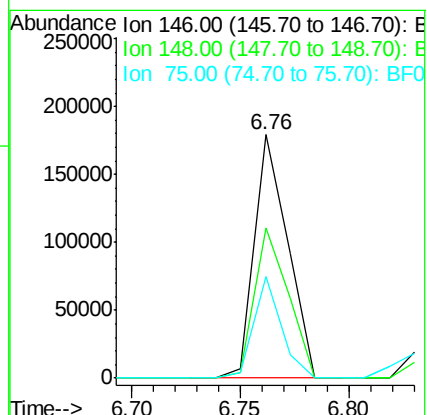
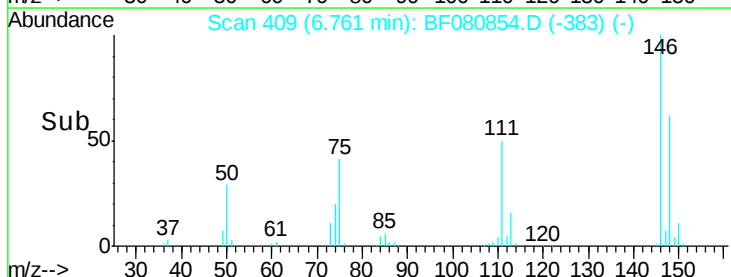
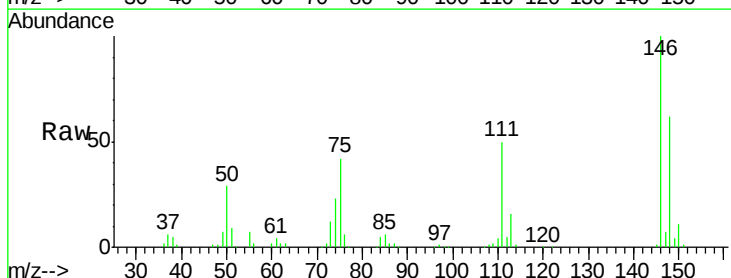
Tgt Ion: 146 Resp: 190499

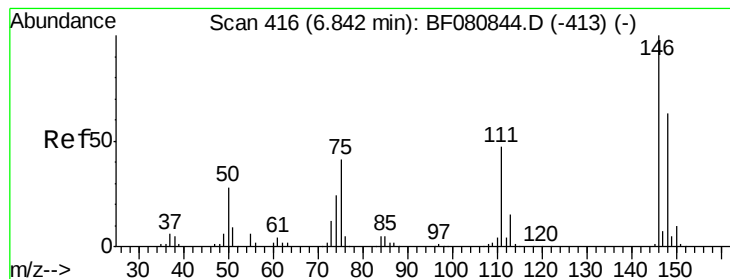
Ion Ratio Lower Upper

146 100

148 61.9 49.7 74.5

75 41.6 33.5 50.3





#13

1,4-Dichlorobenzene

Concen: 23.10 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

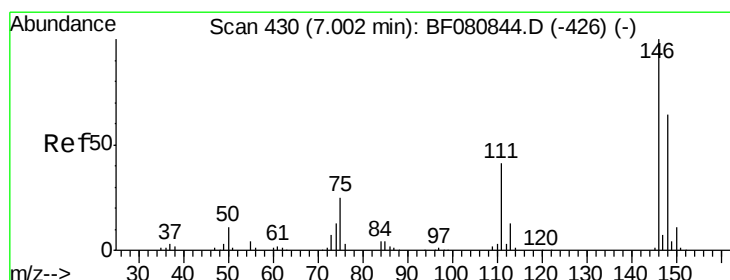
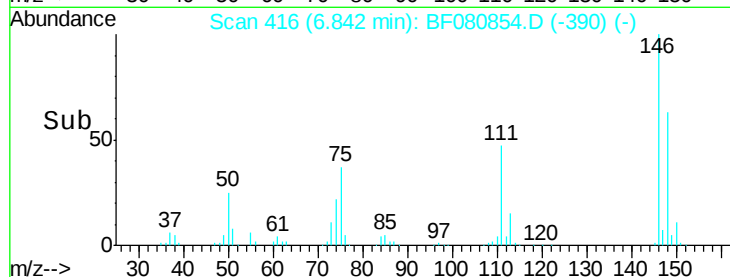
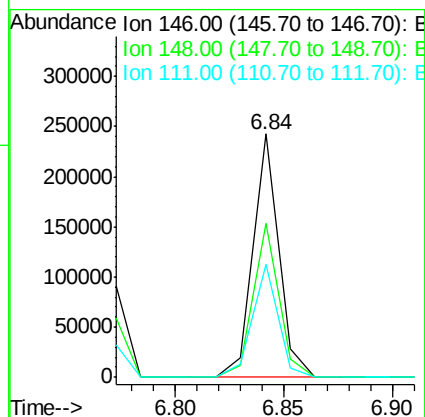
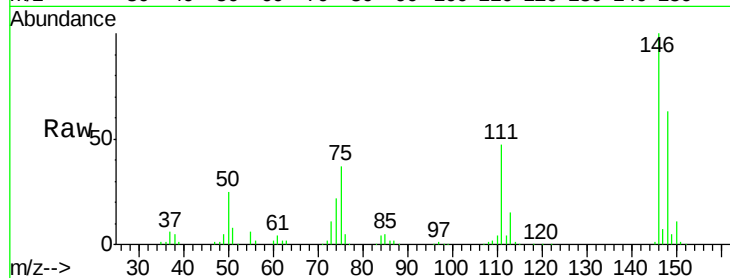
ClientSampleId :

PB84838BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 199380 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 50.5  | 75.7   |
| 111       | 46.6  | 38.0  | 57.0   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 21.81 ng

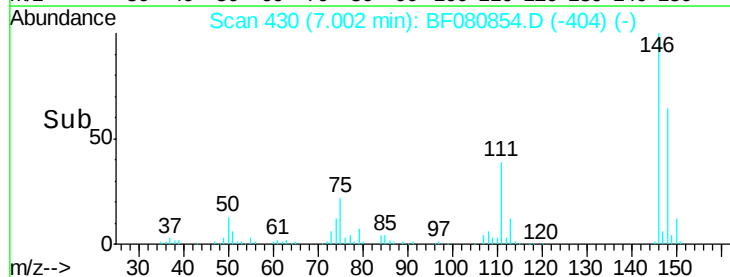
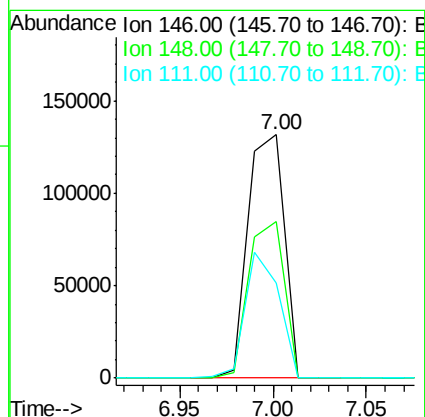
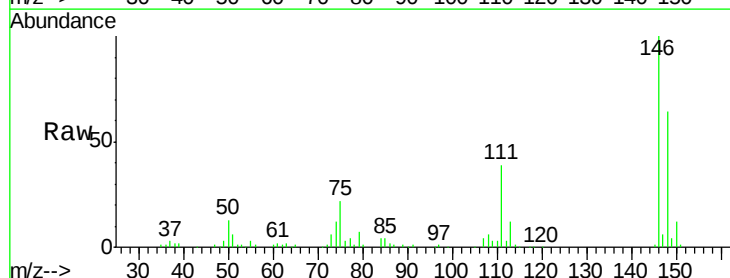
RT: 7.00 min Scan# 430

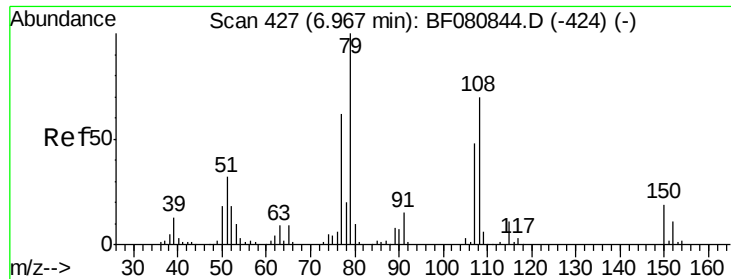
Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 177631 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.5  | 51.0  | 76.6   |
| 111       | 39.0  | 32.7  | 49.1   |





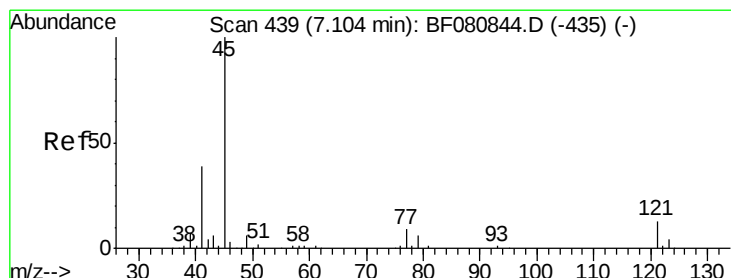
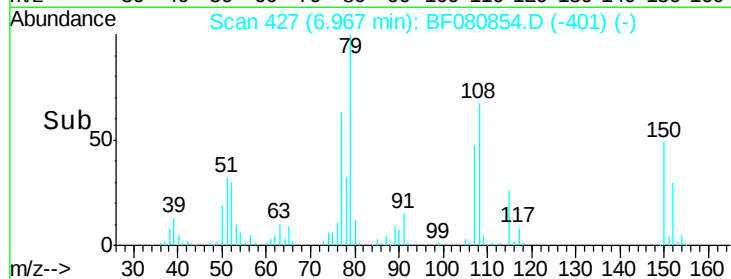
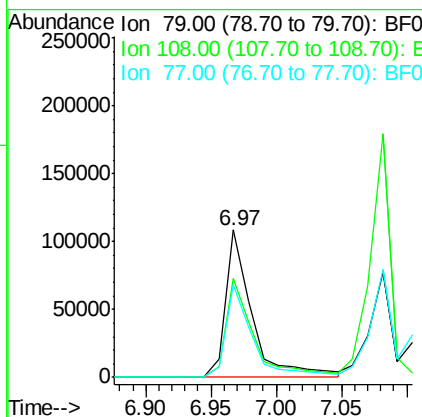
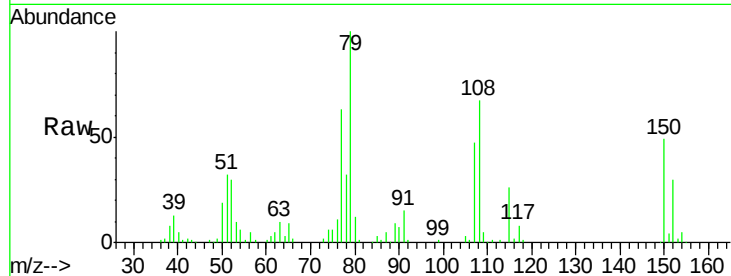
#15  
Benzyl Alcohol  
Concen: 25.05 ng  
RT: 6.97 min Scan# 427  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 67.2  | 55.9  | 83.9  |
| 77      | 62.9  | 49.4  | 74.2  |

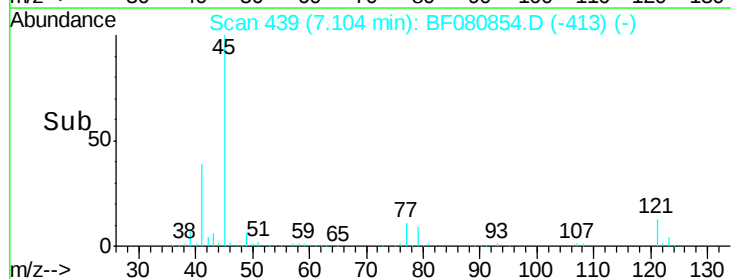
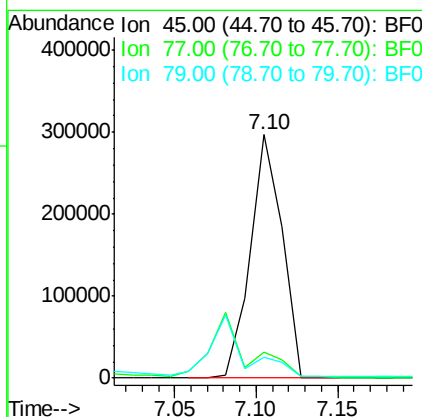
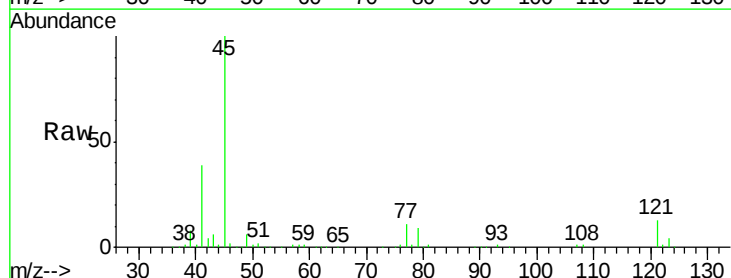
Manual Integrations  
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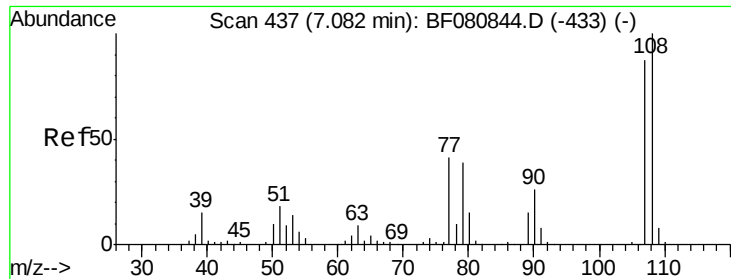
MMDadoda  
8/5/2015 7:01:01 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 24.88 ng  
RT: 7.10 min Scan# 439  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

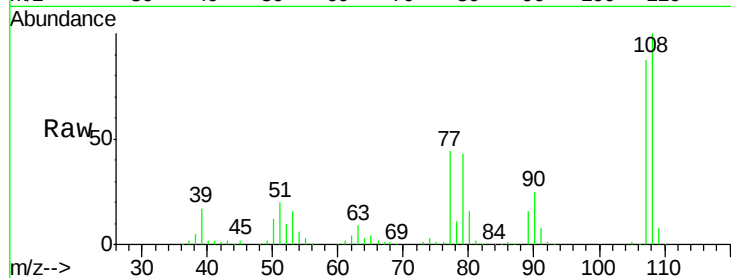
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 10.6  | 0.0   | 30.5  |
| 79      | 8.6   | 0.0   | 28.2  |





#17  
2-Methylphenol  
Concen: 24.30 ng  
RT: 7.08 min Scan# 437  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

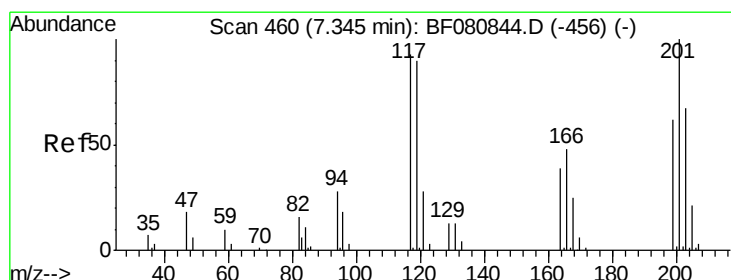
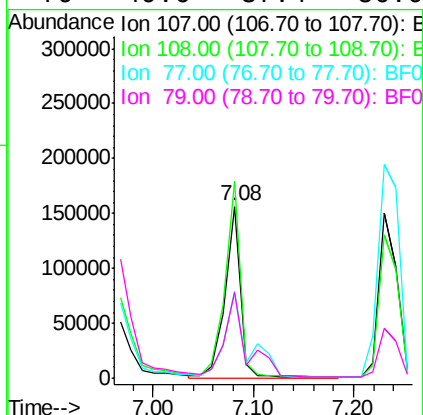
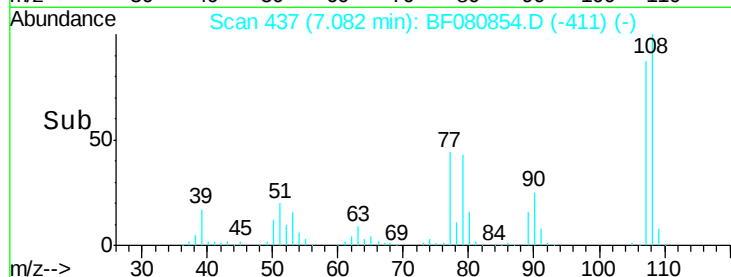
Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 170805 |       |       |
| 108     | 114.4 | 91.8   | 137.8 |       |
| 77      | 50.7  | 38.2   | 57.2  |       |
| 79      | 49.6  | 37.4   | 56.0  |       |

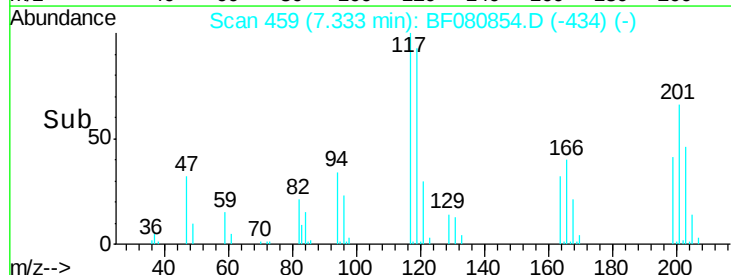
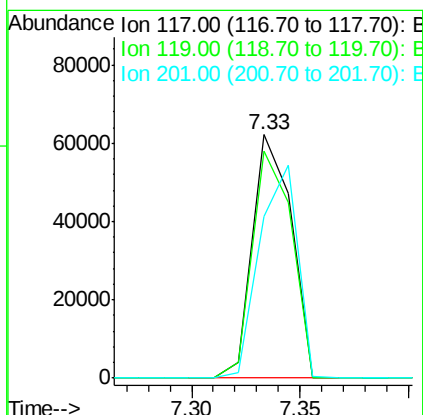
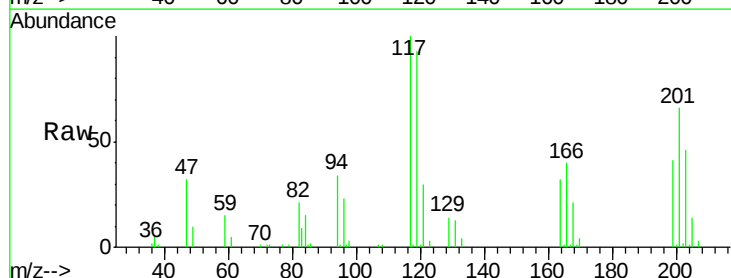
Manual Integrations  
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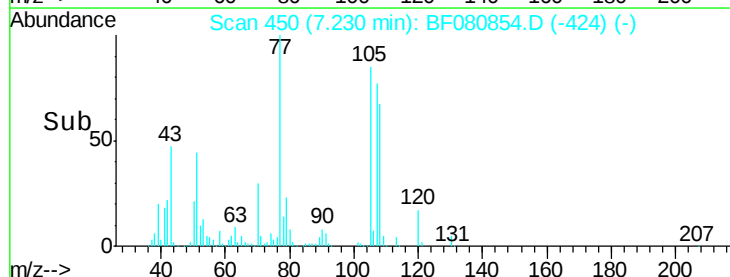
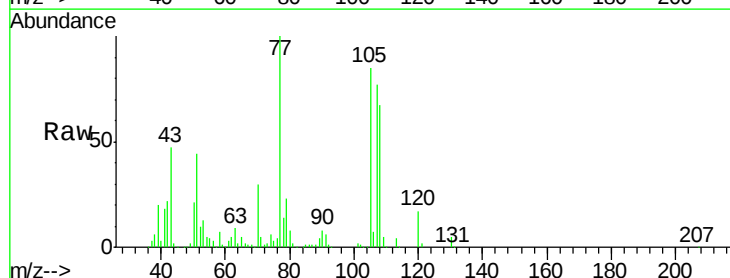
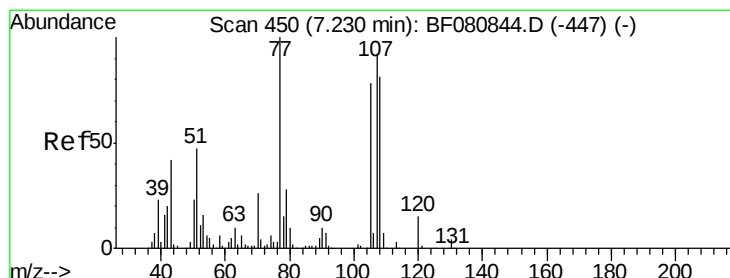
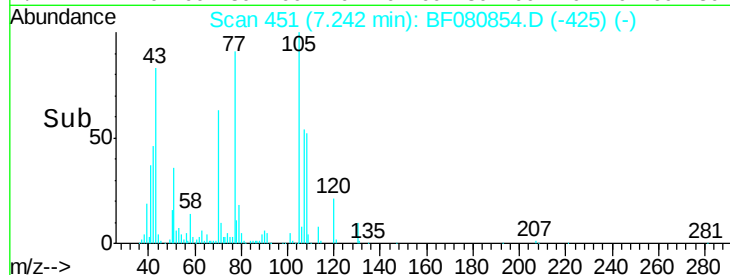
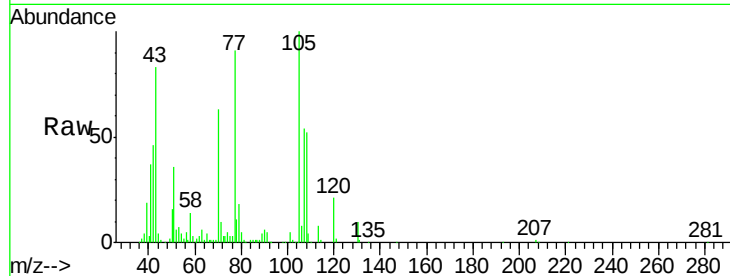
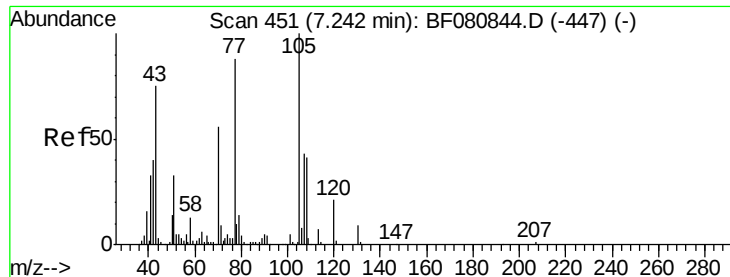
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8/5/2015 7:01:01 PM



#18  
Hexachloroethane  
Concen: 23.66 ng  
RT: 7.33 min Scan# 459  
Delta R.T. -0.01 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 77594 |       |       |
| 119     | 93.4  | 77.4  | 116.0 |       |
| 201     | 66.3  | 85.8  | 128.6 |       |





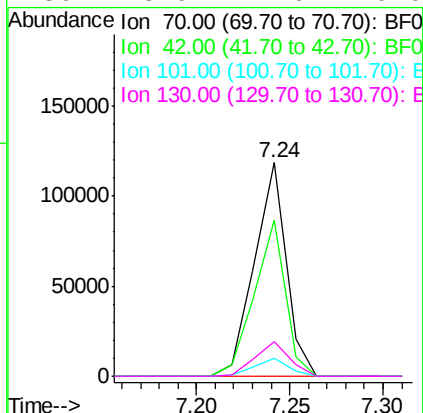
#19  
n-Nitroso-di-n-propylamine  
Concen: 23.18 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 70      | 100   |            |            |
| 42      | 73.3  | 57.8       | 86.8       |
| 101     | 8.4   | 6.7        | 10.1       |
| 130     | 15.9  | 12.6       | 19.0       |

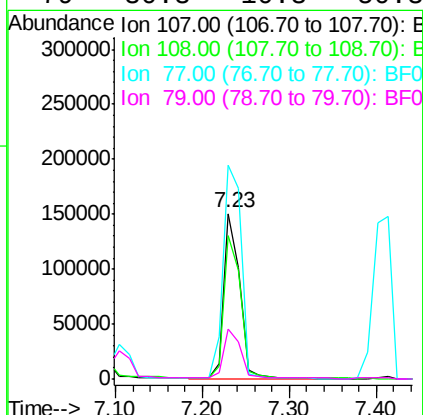
Manual Integrations  
APPROVED

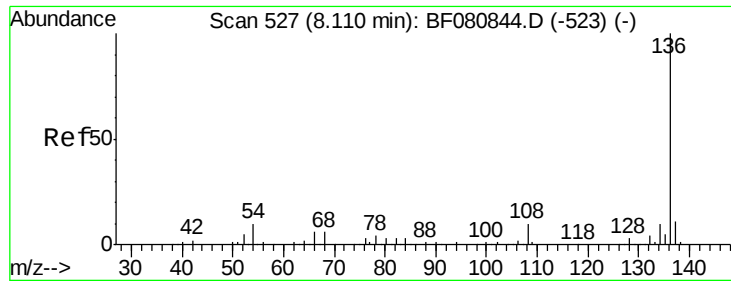
MMDadoda  
8/5/2015 7:01:01 PM



#20  
3+4-Methylphenols  
Concen: 23.68 ng  
RT: 7.23 min Scan# 450  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 108     | 86.6  | 68.2       | 108.2      |
| 77      | 129.2 | 88.5       | 128.5#     |
| 79      | 30.3  | 10.3       | 50.3       |





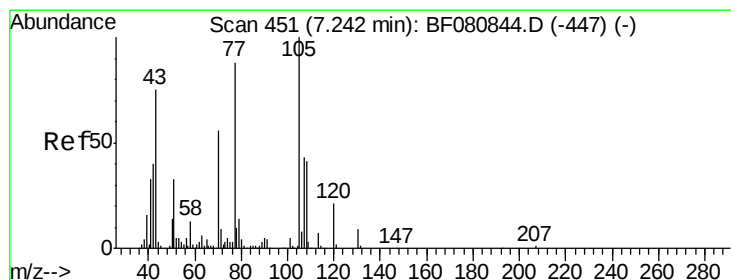
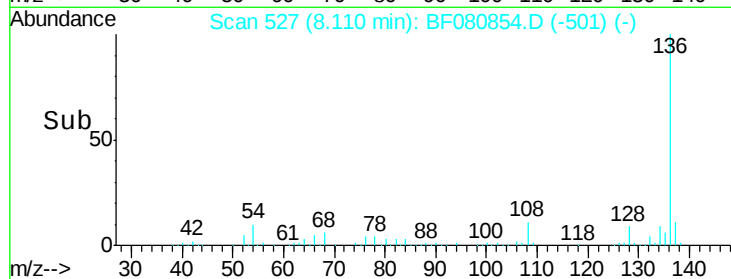
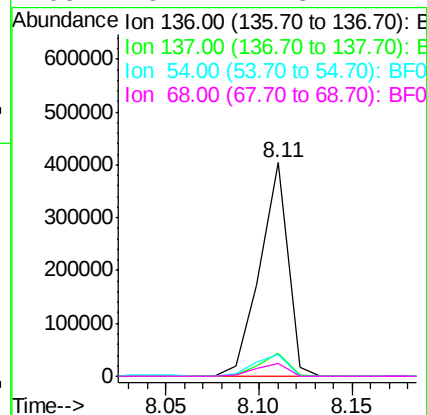
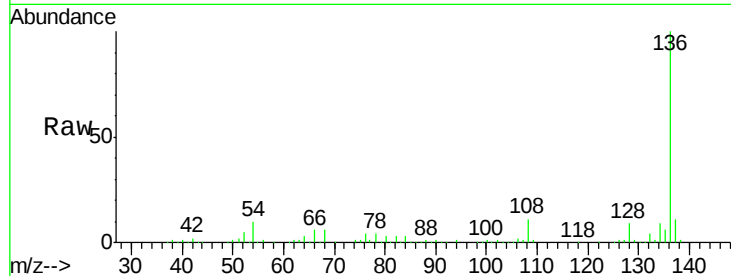
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.11 min Scan# 527  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 420187 |       |       |
| 137     | 11.1  | 8.6    | 13.0  |       |
| 54      | 10.2  | 8.3    | 12.5  |       |
| 68      | 5.7   | 4.8    | 7.2   |       |

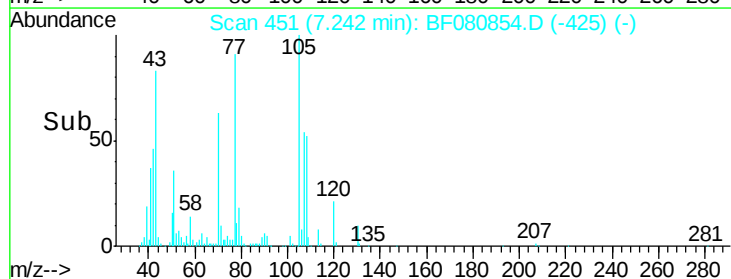
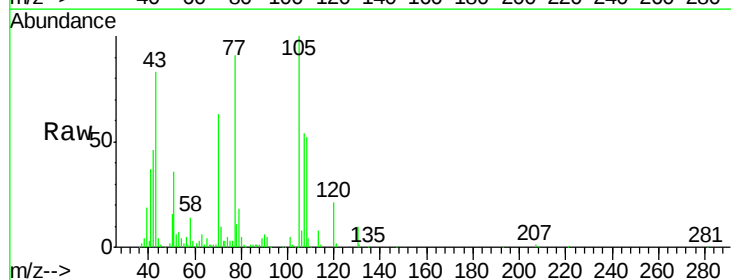
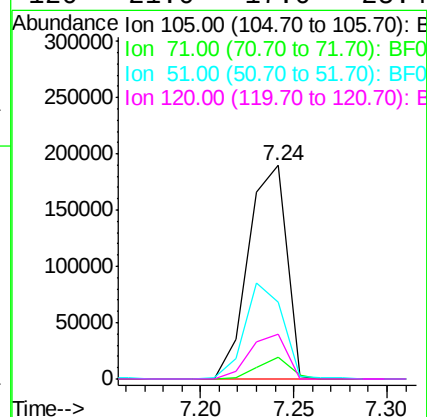
Manual Integrations  
APPROVED

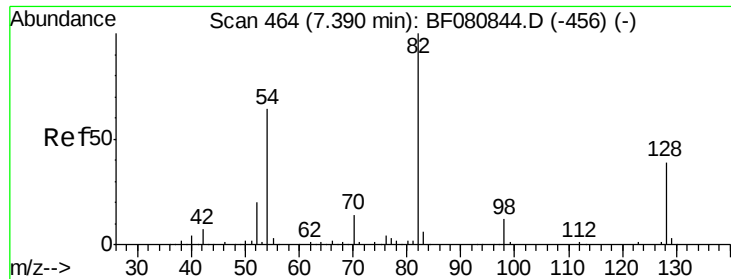
MMDadoda  
8/5/2015 7:01:01 PM



#22  
Acetophenone  
Concen: 26.33 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 270178 |       |       |
| 71      | 10.3  | 7.4    | 11.2  |       |
| 51      | 36.1  | 26.5   | 39.7  |       |
| 120     | 21.0  | 17.0   | 25.4  |       |





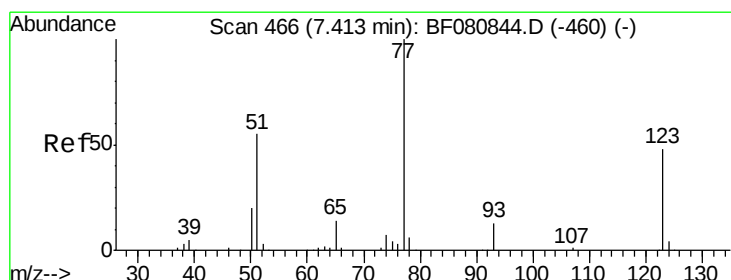
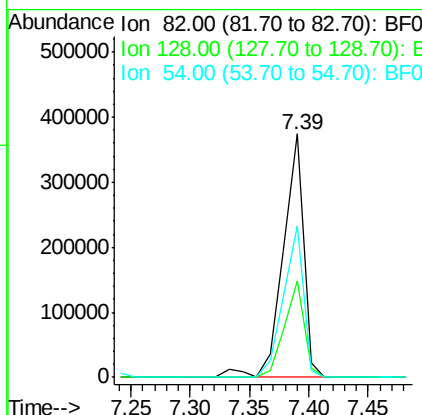
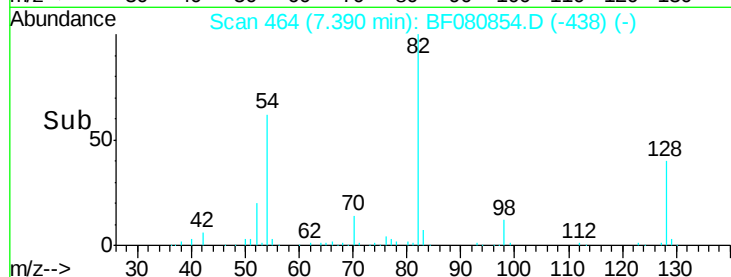
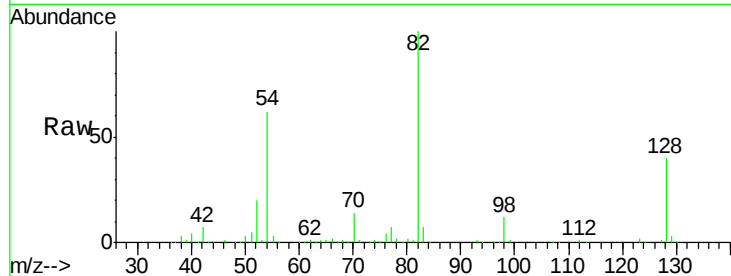
#23  
 Nitrobenzene-d5  
 Concen: 49.75 ng  
 RT: 7.39 min Scan# 464  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 443605 |       |       |
| 128     | 39.5  | 31.0   | 46.4  |       |
| 54      | 62.0  | 51.0   | 76.6  |       |

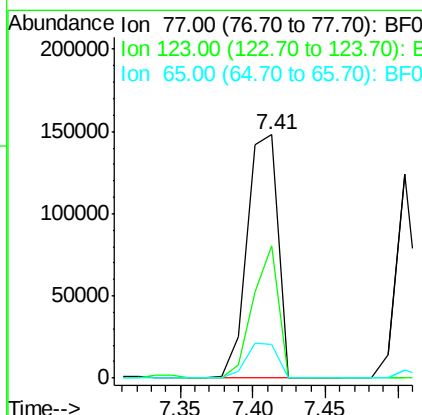
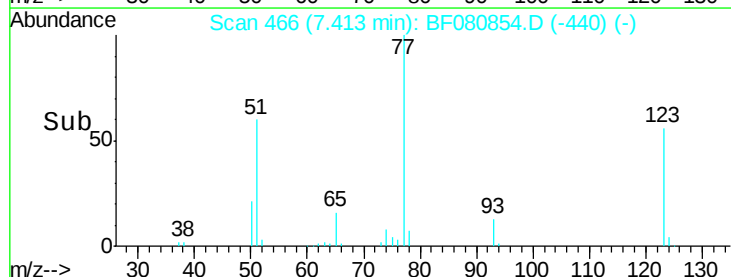
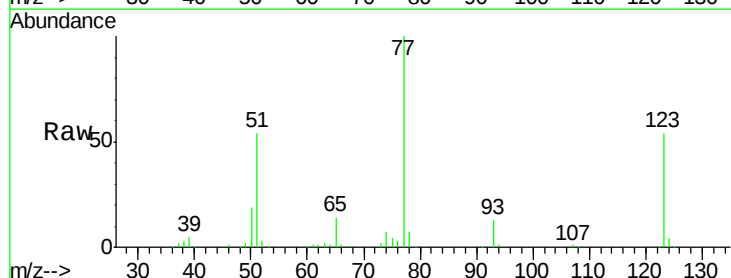
Manual Integrations  
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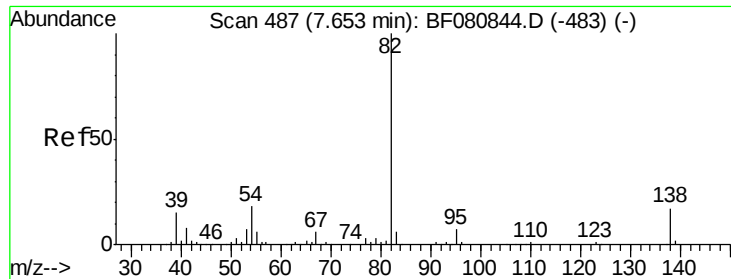
MMDadoda  
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#24  
 Nitrobenzene  
 Concen: 23.57 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 218000 |       |       |
| 123     | 54.5  | 39.7   | 59.5  |       |
| 65      | 14.0  | 11.0   | 16.6  |       |





#25

Isophorone

Concen: 25.14 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

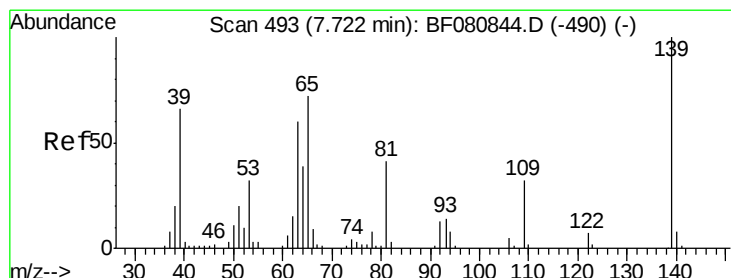
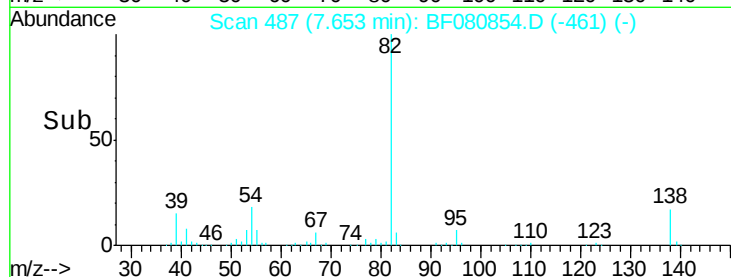
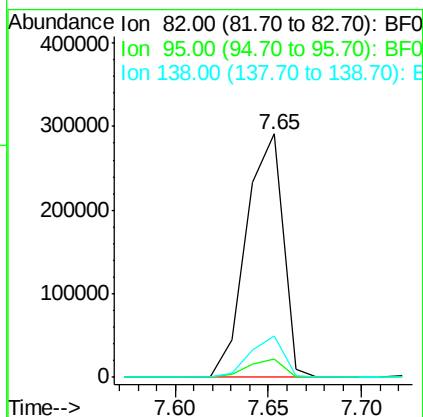
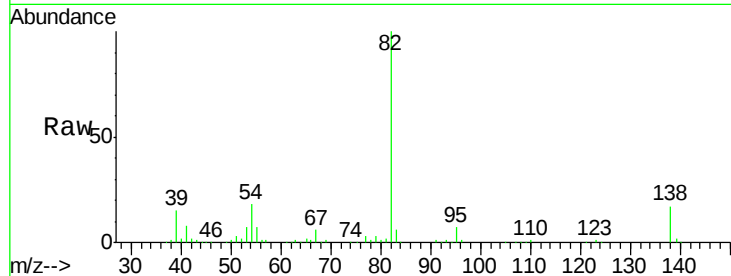
ClientSampleId :

PB84838BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 397256 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.3   | 5.5   | 8.3    |
| 138       | 17.0  | 13.3  | 19.9   |

Manual Integrations  
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8/5/2015 7:01:01 PM



#26

2-Nitrophenol

Concen: 24.17 ng m

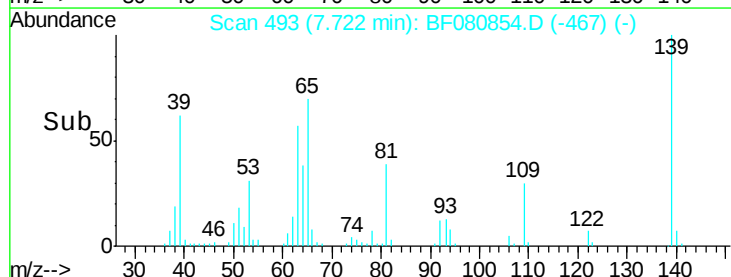
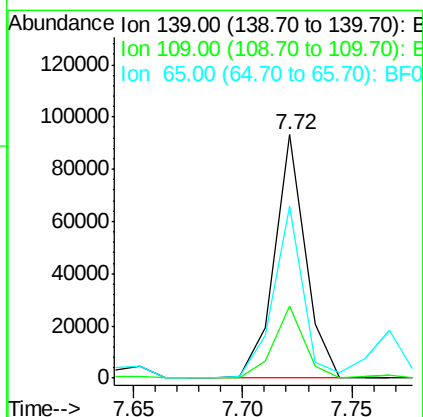
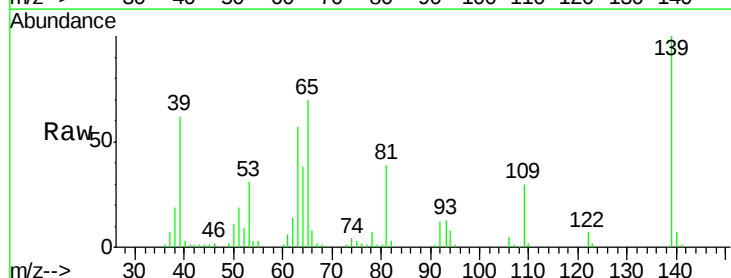
RT: 7.72 min Scan# 493

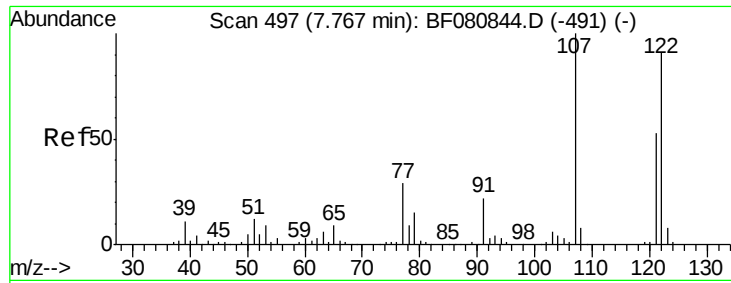
Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 91698 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 29.6  | 25.2  | 37.8  |
| 65        | 70.4  | 57.3  | 85.9  |





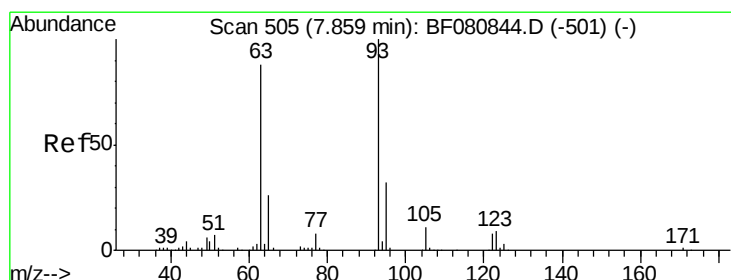
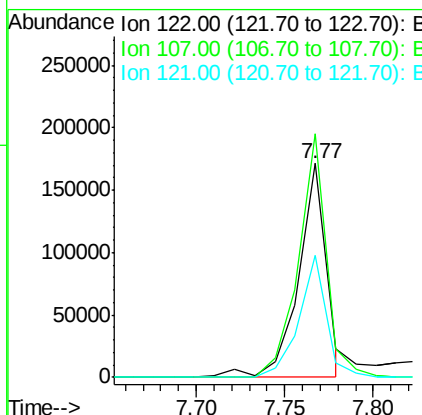
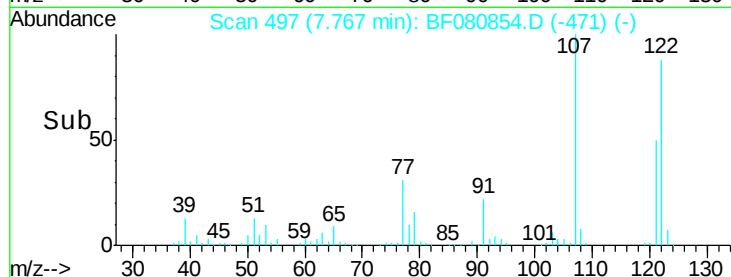
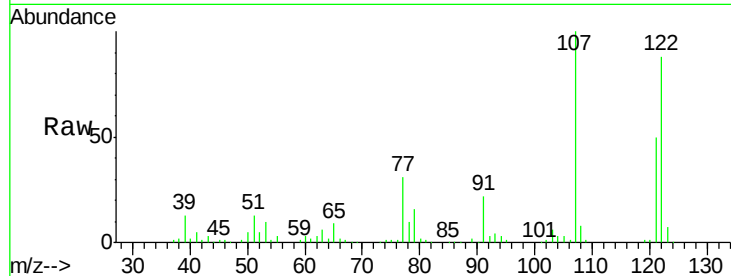
#27  
2,4-Dimethylphenol  
Concen: 26.56 ng m  
RT: 7.77 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 187606 |       |       |
| 107     | 113.9 | 88.2   | 132.4 |       |
| 121     | 57.1  | 46.8   | 70.2  |       |

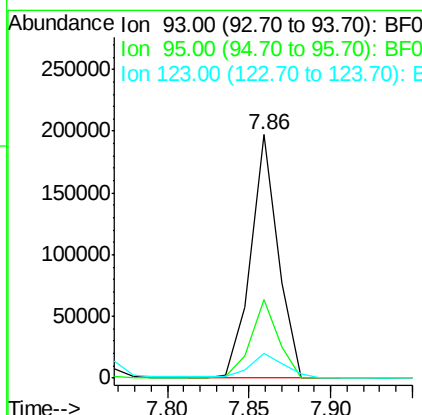
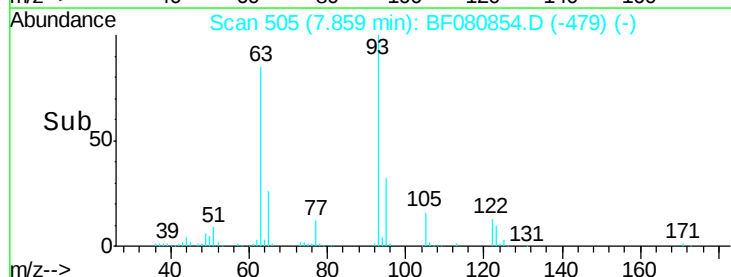
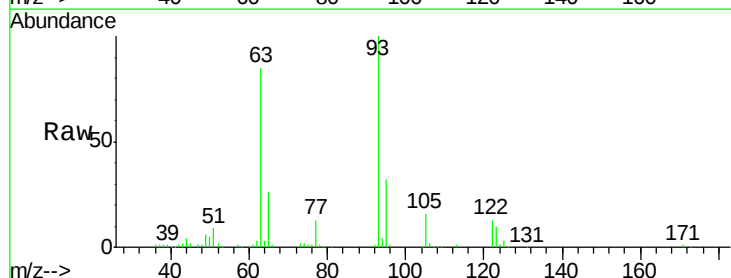
Manual Integrations  
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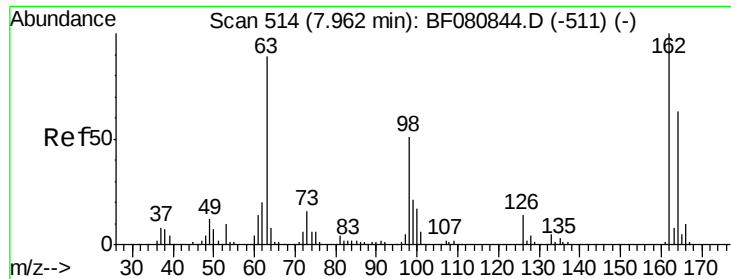
MMDadoda  
8/5/2015 7:01:01 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 23.64 ng  
RT: 7.86 min Scan# 505  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 229676 |       |       |
| 95      | 32.0  | 25.9   | 38.9  |       |
| 123     | 10.0  | 7.9    | 11.9  |       |





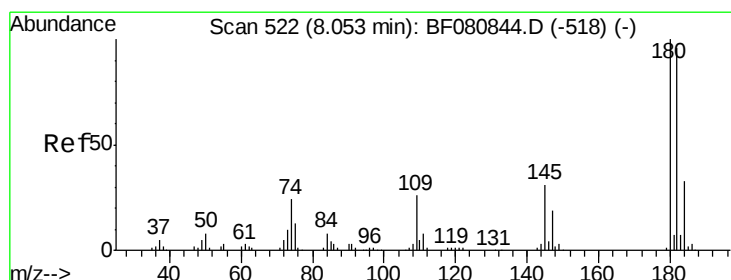
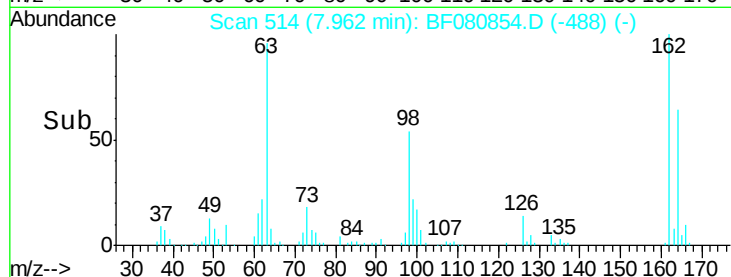
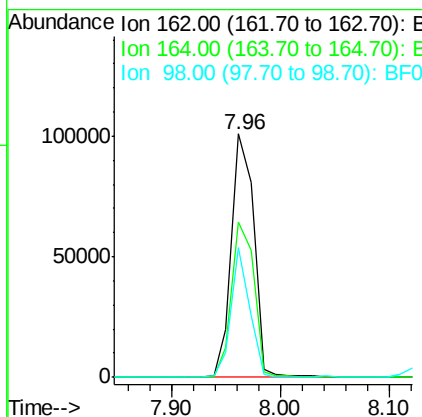
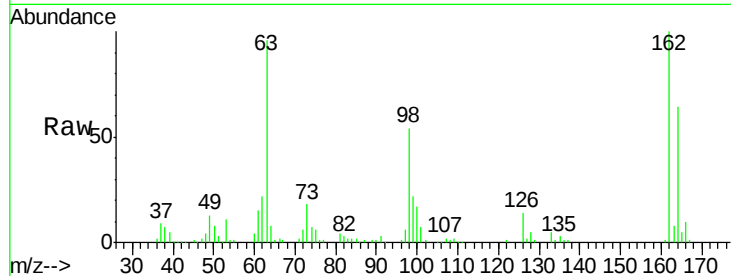
#29  
 2,4-Dichlorophenol  
 Concen: 24.55 ng  
 RT: 7.96 min Scan# 514  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 143143 |       |       |
| 164     | 63.6  | 43.1   | 83.1  |       |
| 98      | 53.5  | 31.3   | 71.3  |       |

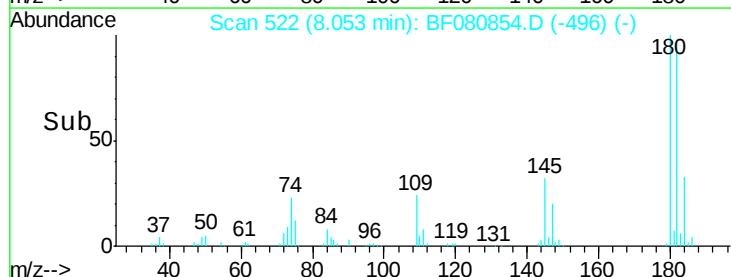
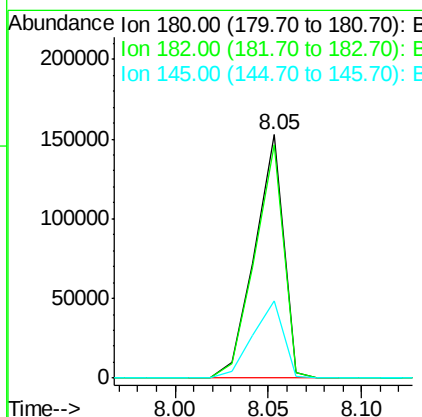
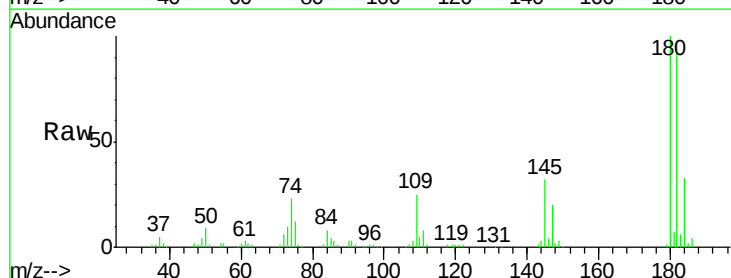
Manual Integrations  
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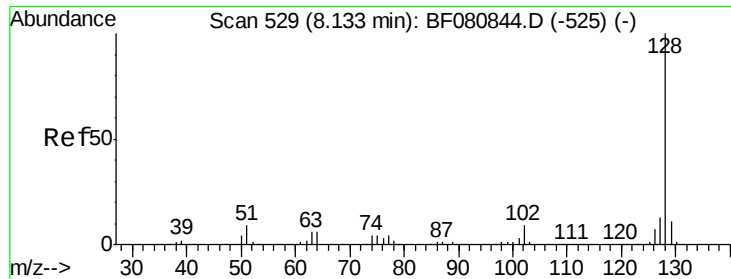
MMDadoda  
 8/5/2015 7:01:01 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 24.67 ng  
 RT: 8.05 min Scan# 522  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 163659 |       |       |
| 182     | 95.8  | 77.0   | 115.4 |       |
| 145     | 31.6  | 25.1   | 37.7  |       |





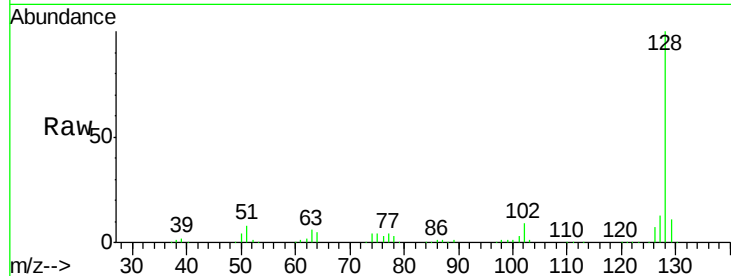
#31  
Naphthalene  
Concen: 25.03 ng  
RT: 8.13 min Scan# 529  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

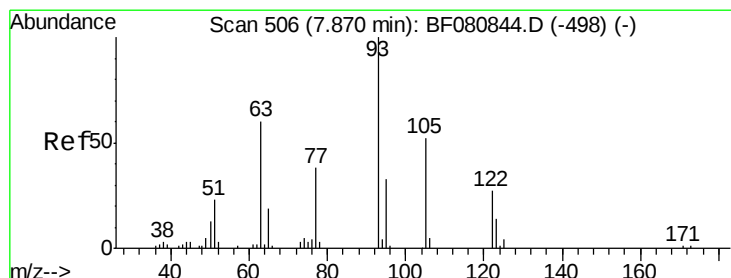
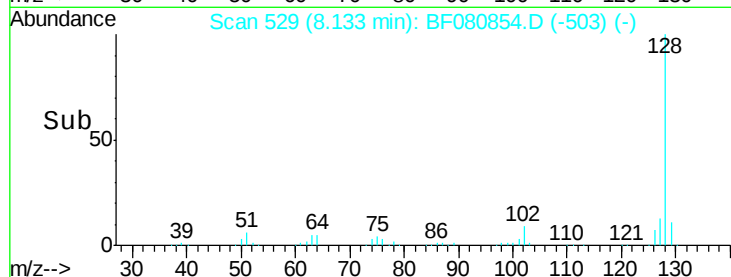
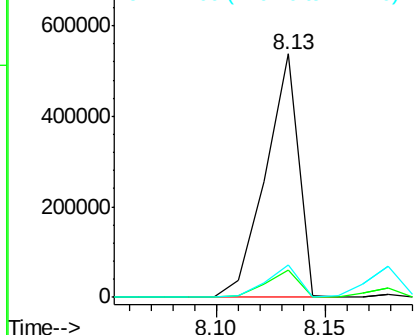
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 572848 |       |       |
| 129     | 11.2  | 8.7    | 13.1  |       |
| 127     | 13.2  | 10.6   | 15.8  |       |

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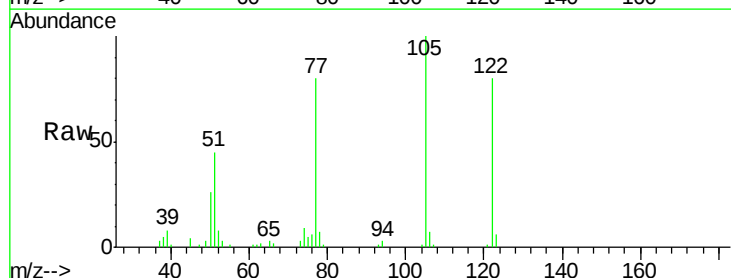


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

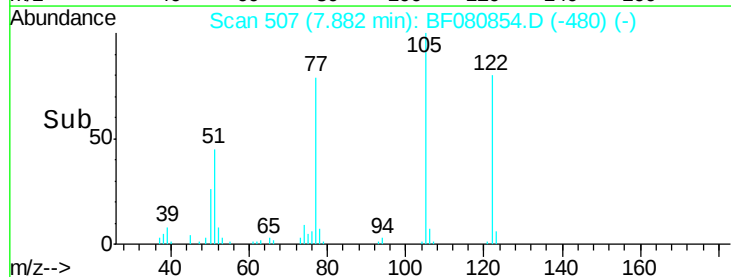
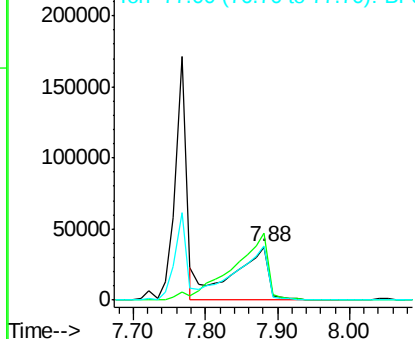


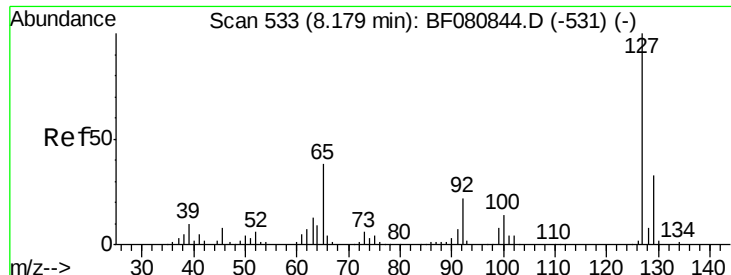
#32  
Benzoic acid  
Concen: 27.86 ng m  
RT: 7.88 min Scan# 507  
Delta R.T. 0.01 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 127756 |       |       |
| 105     | 125.7 | 110.1  | 150.1 |       |
| 77      | 100.6 | 83.6   | 123.6 |       |



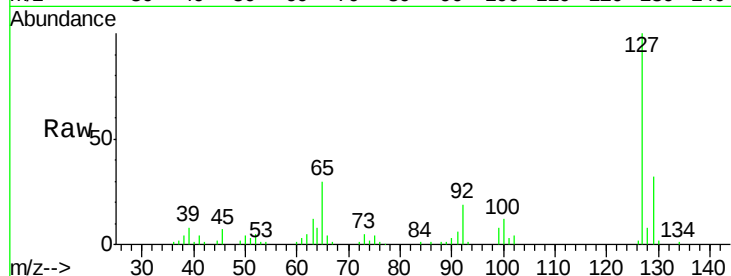
Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





#33  
 4-Chloroaniline  
 Concen: 8.06 ng  
 RT: 8.18 min Scan# 533  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

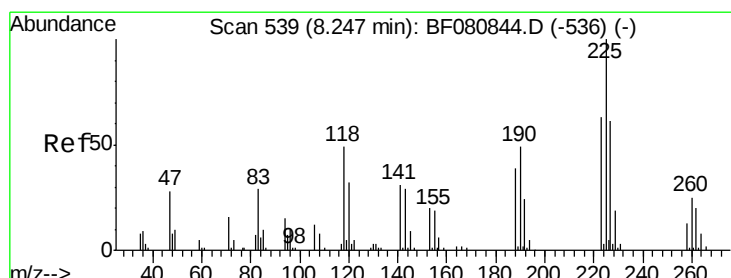
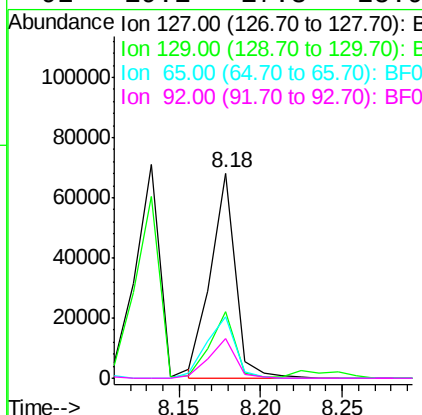
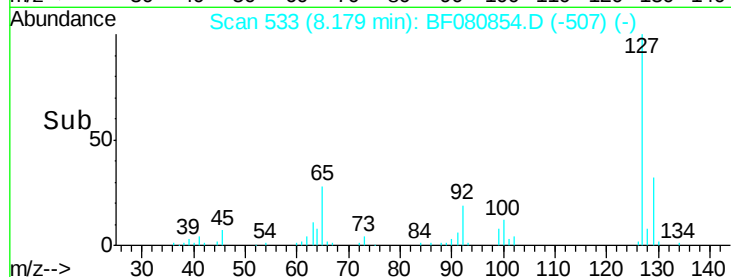
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 72178 |       |       |
| 129     | 32.3  | 26.2  | 39.2  |       |
| 65      | 30.1  | 30.3  | 45.5  |       |
| 92      | 19.1  | 17.3  | 25.9  |       |

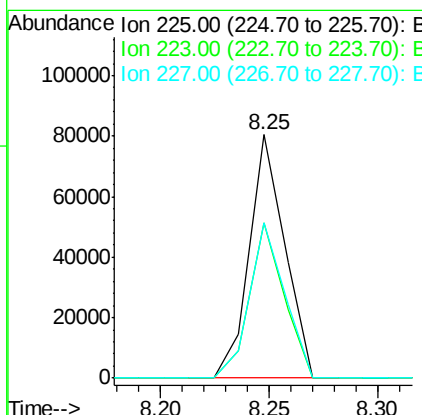
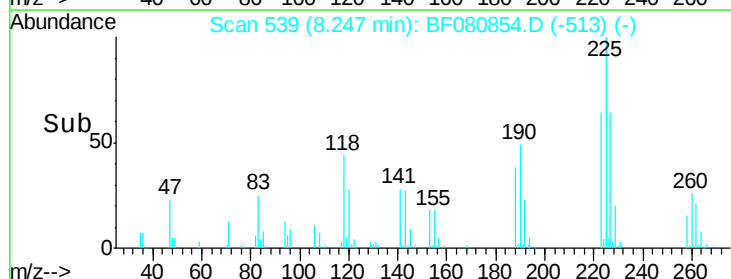
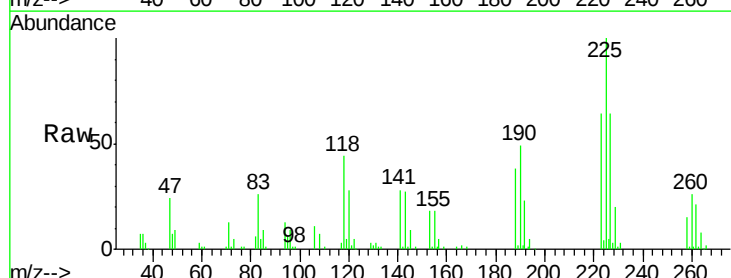
Manual Integrations  
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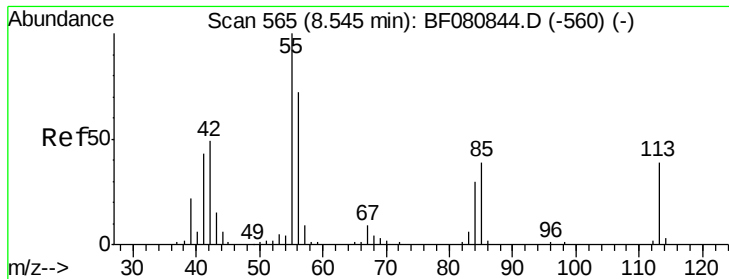
MMDadoda  
 8/5/2015 7:01:01 PM



#34  
 Hexachlorobutadiene  
 Concen: 24.10 ng  
 RT: 8.25 min Scan# 539  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 91163 |       |       |
| 223     | 63.8  | 50.0  | 75.0  |       |
| 227     | 63.9  | 48.5  | 72.7  |       |





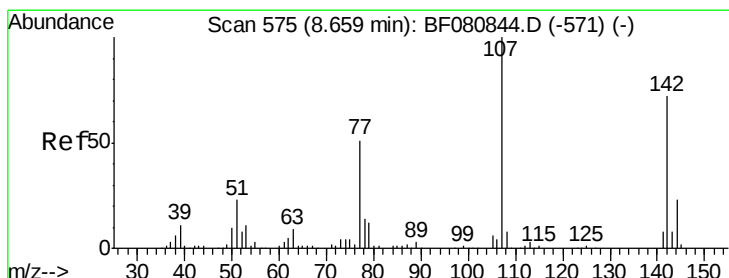
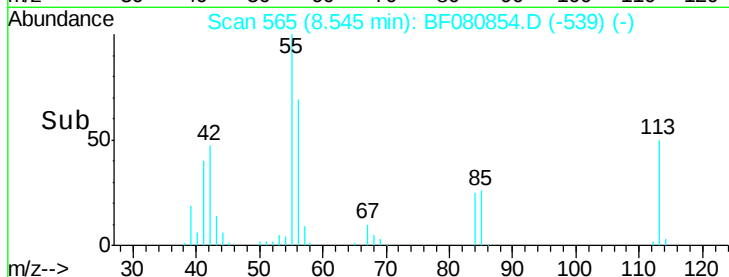
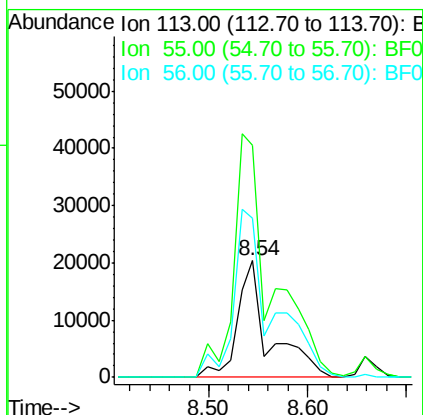
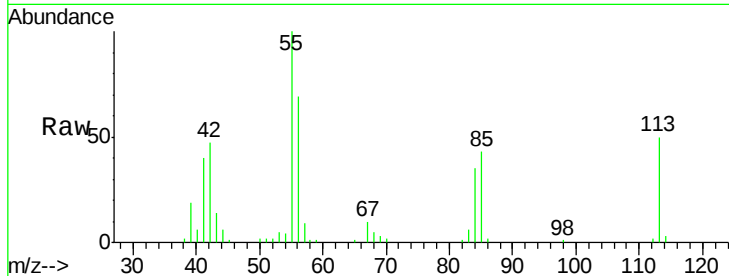
#35  
 Caprolactam  
 Concen: 27.62 ng m  
 RT: 8.54 min Scan# 565  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

Tgt Ion:113 Resp: 45987  
 Ion Ratio Lower Upper  
 113 100  
 55 199.2 236.2 276.2#  
 56 136.7 165.2 205.2#

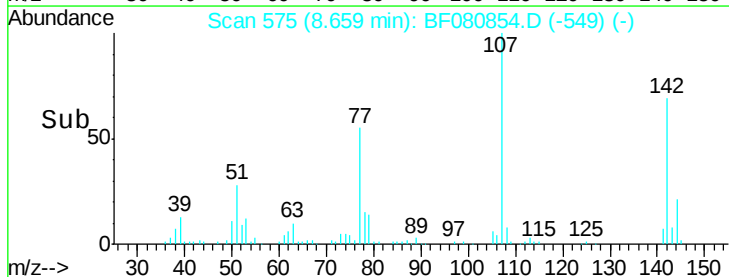
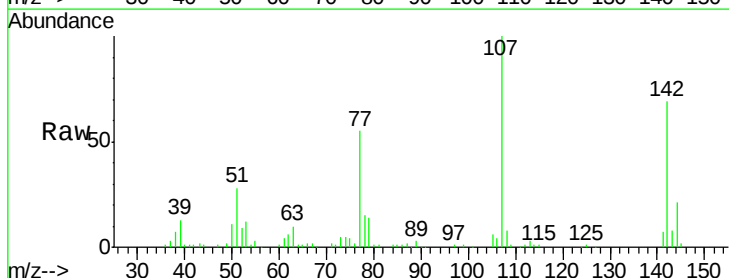
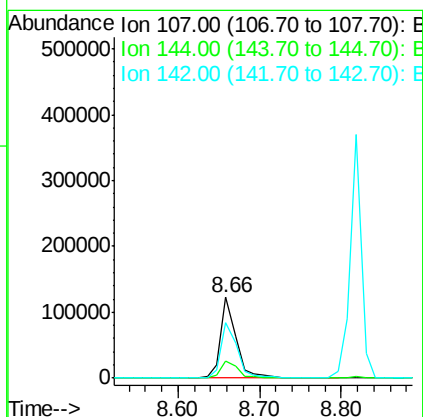
Manual Integrations  
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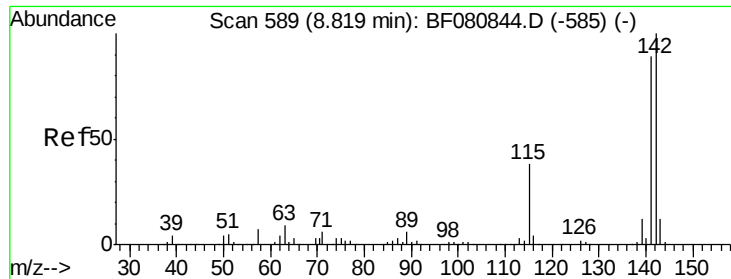
MMDadoda  
 8/5/2015 7:01:01 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 25.54 ng  
 RT: 8.66 min Scan# 575  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

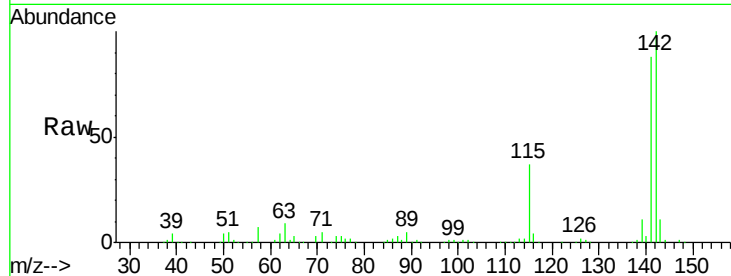
Tgt Ion:107 Resp: 163387  
 Ion Ratio Lower Upper  
 107 100  
 144 21.4 18.3 27.5  
 142 68.8 57.8 86.8





#37  
 2-Methylnaphthalene  
 Concen: 25.32 ng  
 RT: 8.82 min Scan# 589  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

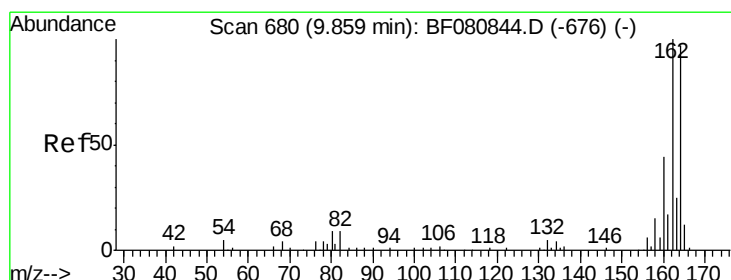
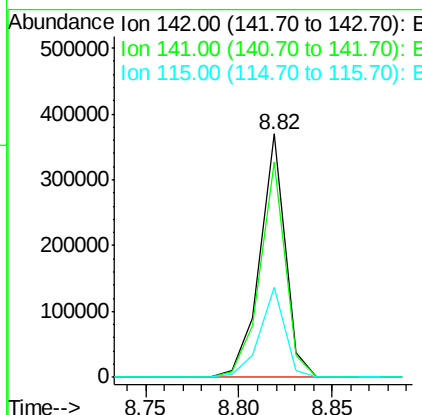
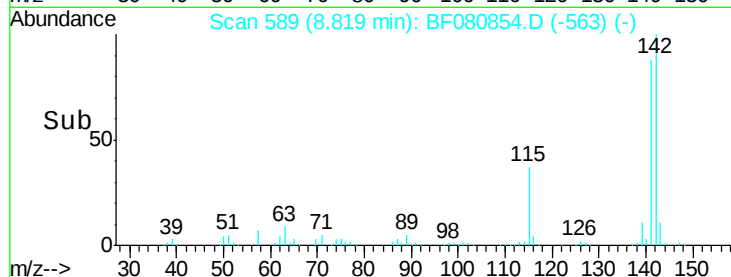
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 71.5  | 107.3 |
| 115     | 37.2  | 30.5  | 45.7  |

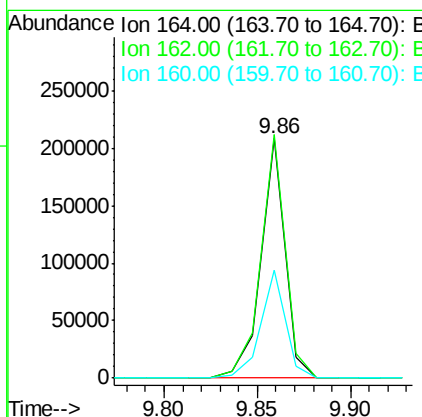
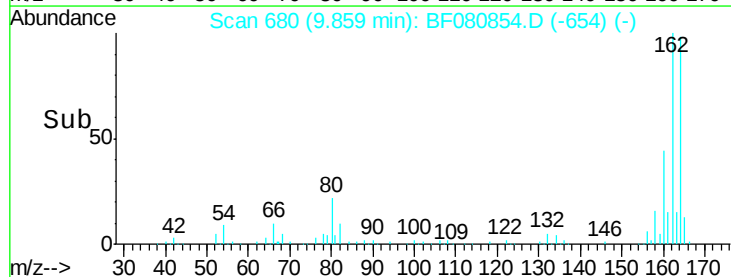
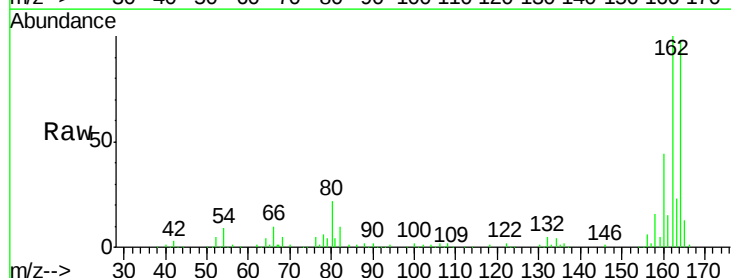
Manual Integrations  
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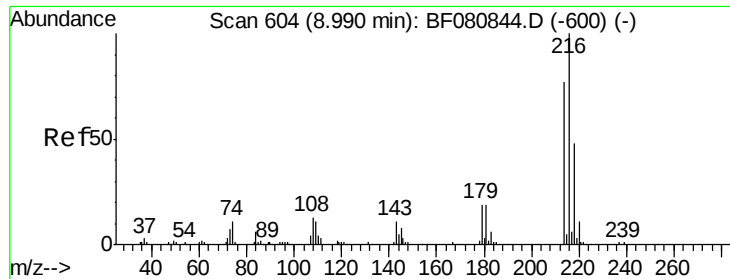
MMDadoda  
 8/5/2015 7:01:01 PM



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.86 min Scan# 680  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.7 | 82.9  | 124.3 |
| 160     | 45.2  | 36.6  | 54.8  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.13 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

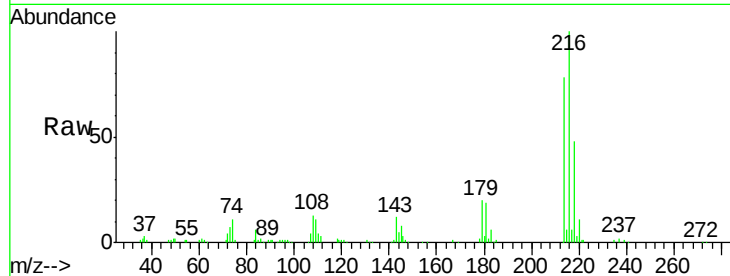
ClientSampleId :

PB84838BS

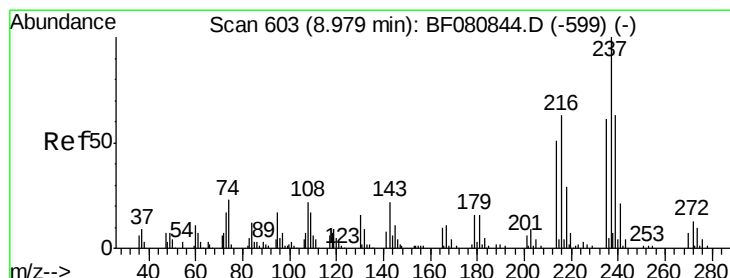
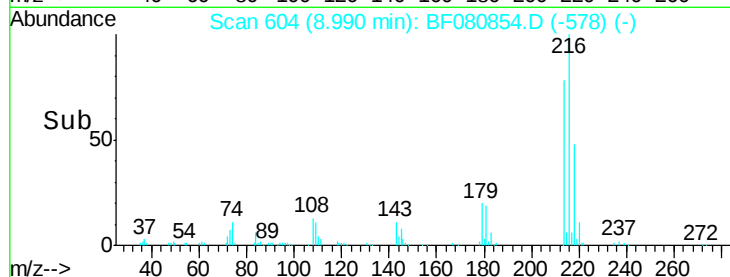
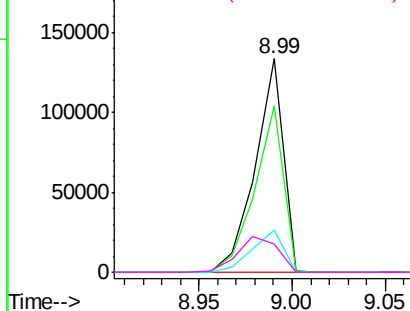
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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 139292 |       |       |
| 214     | 79.2  | 62.1   | 93.1  |       |
| 179     | 21.9  | 17.0   | 25.6  |       |
| 108     | 24.0  | 16.5   | 24.7  |       |



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: 52.29 ng

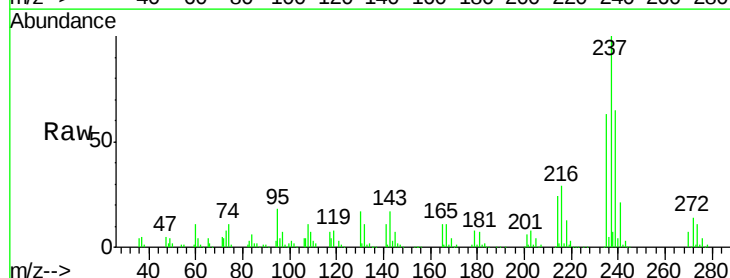
RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

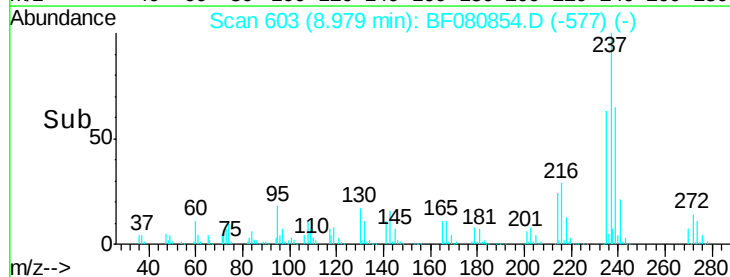
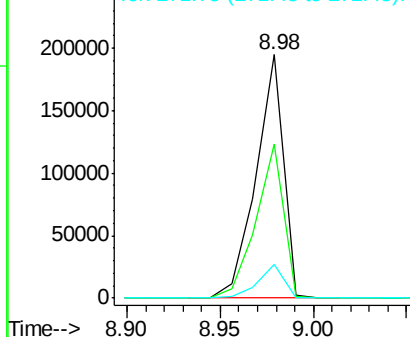
Lab File: BF080854.D

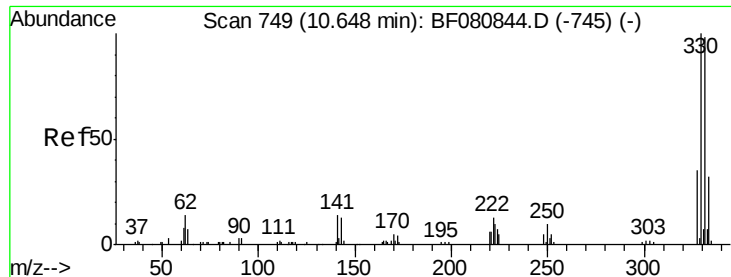
Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 197615 |       |       |
| 235     | 63.0  | 40.9   | 80.9  |       |
| 272     | 13.8  | 0.0    | 33.1  |       |



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





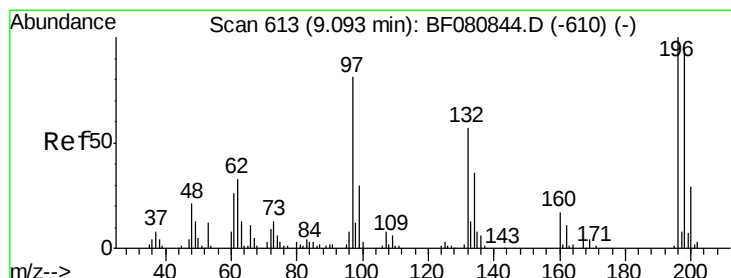
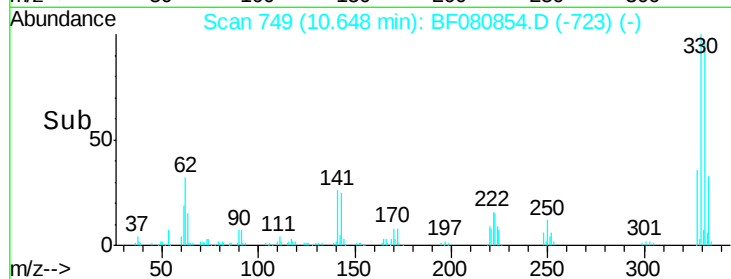
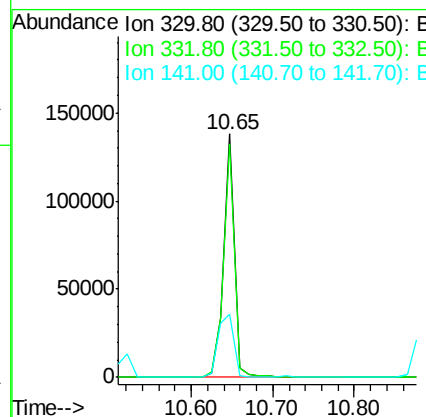
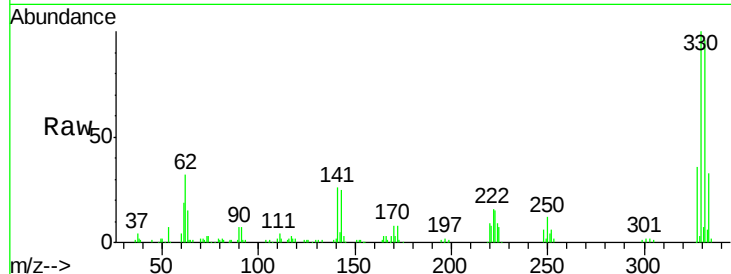
#41  
 2,4,6-Tribromophenol  
 Concen: 71.49 ng  
 RT: 10.65 min Scan# 749  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 127142 |       |       |
| 332     | 96.9  | 77.8   | 116.8 |       |
| 141     | 38.4  | 28.4   | 42.6  |       |

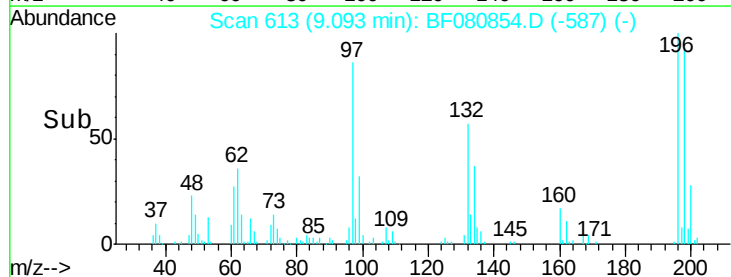
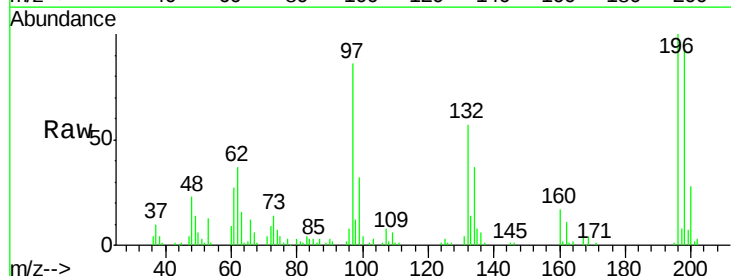
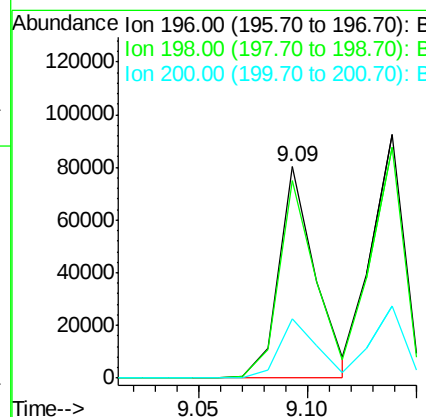
Manual Integrations  
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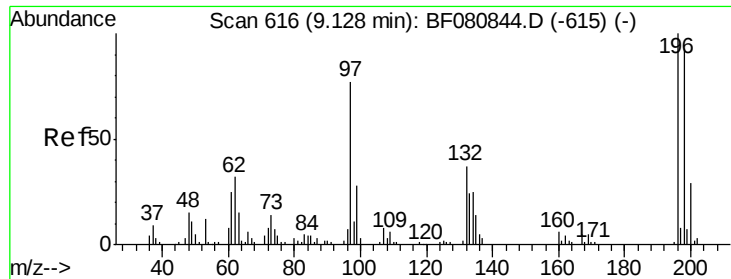
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#42  
 2,4,6-Trichlorophenol  
 Concen: 22.01 ng  
 RT: 9.09 min Scan# 613  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

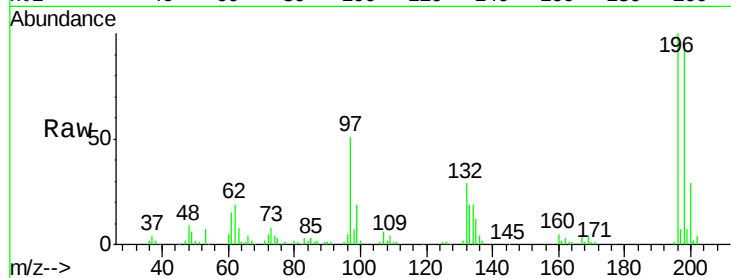
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 93878 |       |       |
| 198     | 93.3  | 76.4  | 114.6 |       |
| 200     | 28.0  | 23.1  | 34.7  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 24.53 ng  
 RT: 9.14 min Scan# 617  
 Delta R.T. 0.01 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

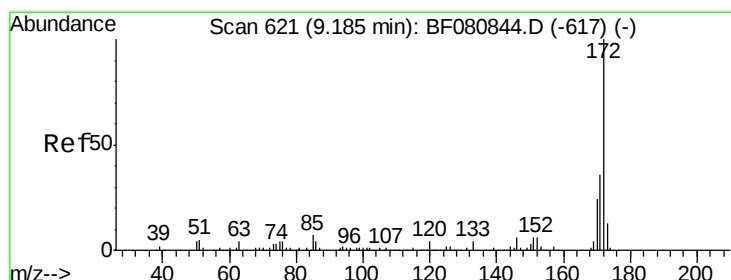
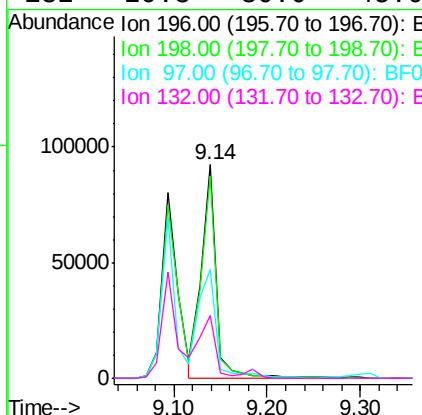
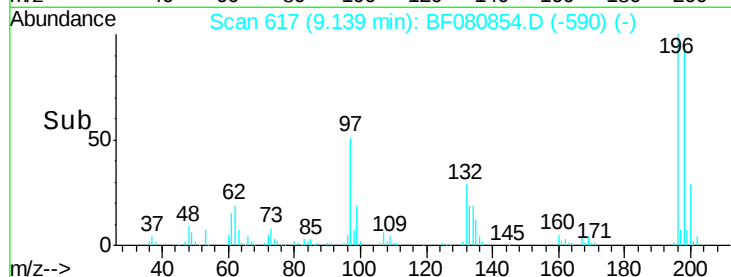
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 104941 |       |       |
| 198     | 94.9  | 74.2   | 111.4 |       |
| 97      | 51.0  | 63.0   | 94.6  | #     |
| 132     | 29.3  | 30.0   | 45.0  | #     |

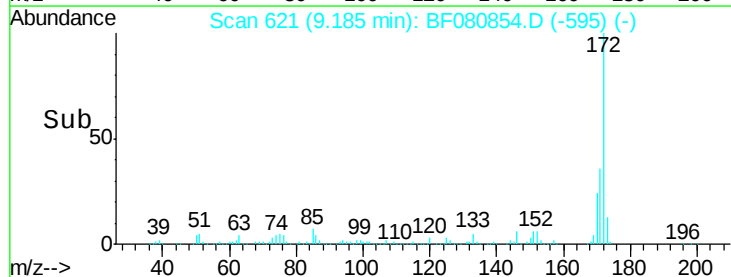
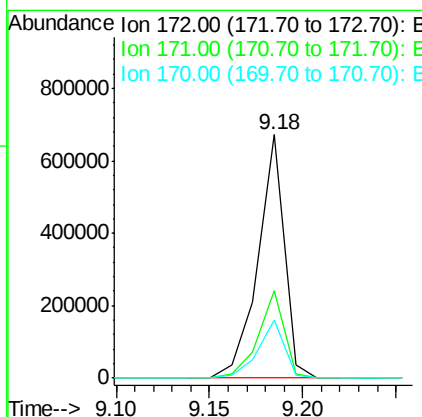
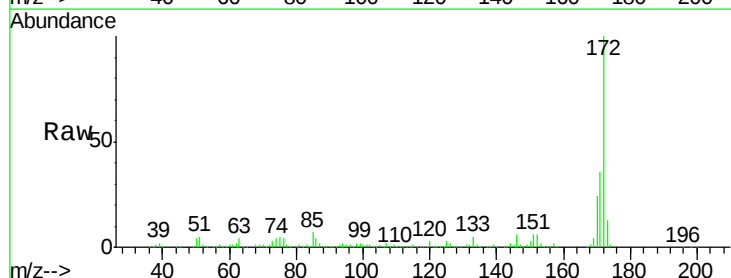
Manual Integrations  
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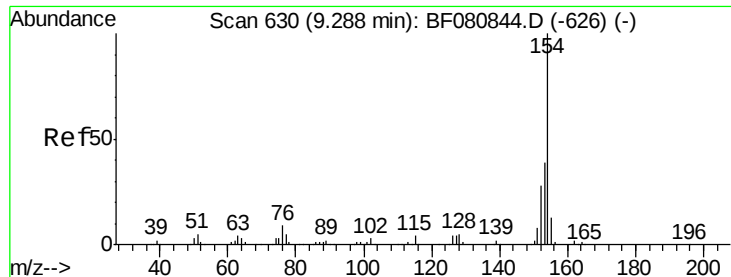
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#44  
 2-Fluorobiphenyl  
 Concen: 47.93 ng  
 RT: 9.18 min Scan# 621  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 656464 |       |       |
| 171     | 35.7  | 28.9   | 43.3  |       |
| 170     | 24.0  | 19.4   | 29.2  |       |





#45

1,1'-Biphenyl

Concen: 24.99 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

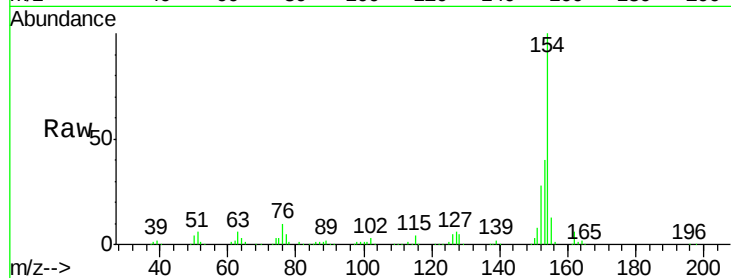
ClientSampled :

PB84838BS

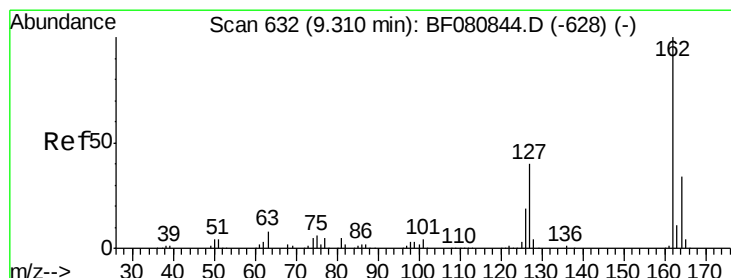
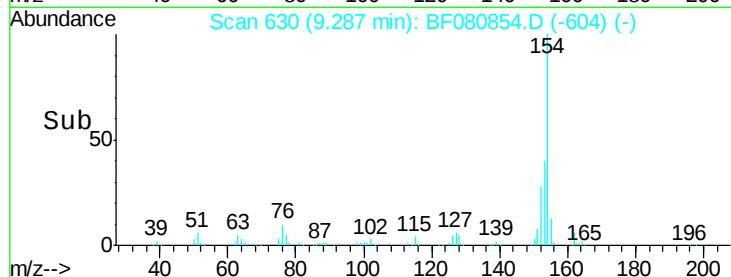
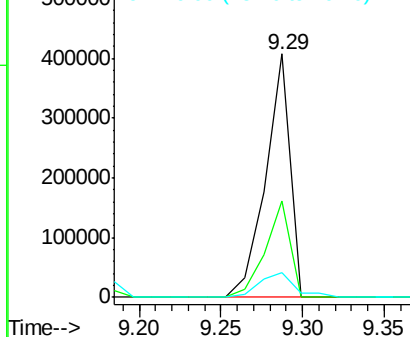
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 424832 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.7  | 19.2  | 59.2   |
| 76        | 10.1  | 0.0   | 29.3   |

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



#46

2-Chloronaphthalene

Concen: 23.44 ng

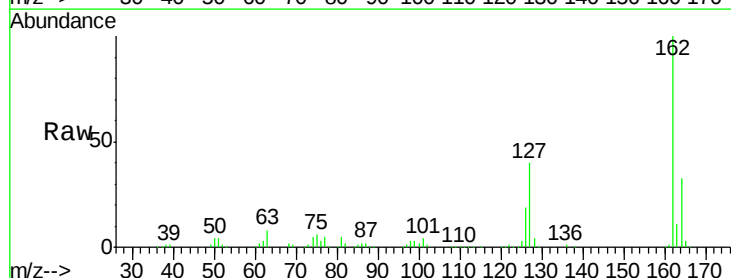
RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

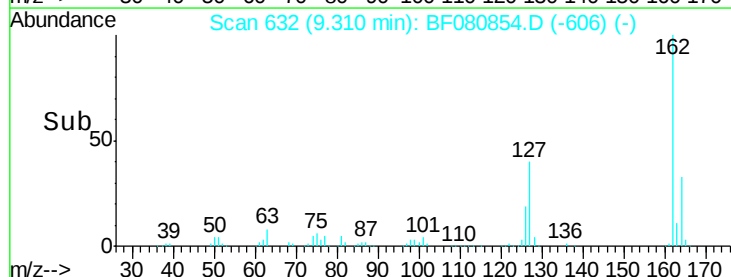
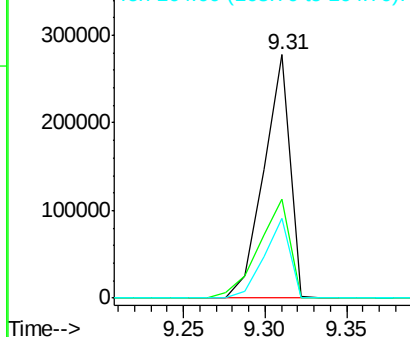
Lab File: BF080854.D

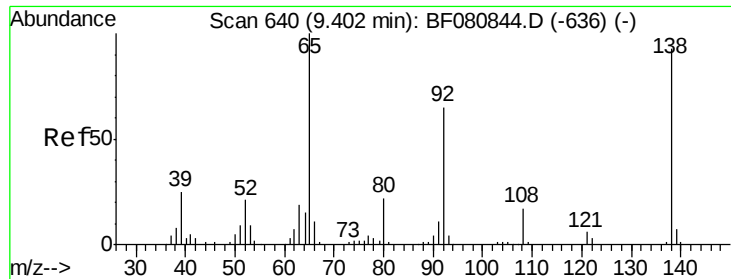
Acq: 4 Aug 2015 23:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 309937 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.4  | 31.9  | 47.9   |
| 164       | 32.8  | 26.8  | 40.2   |



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





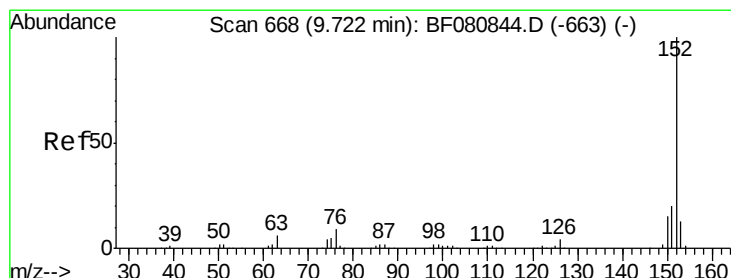
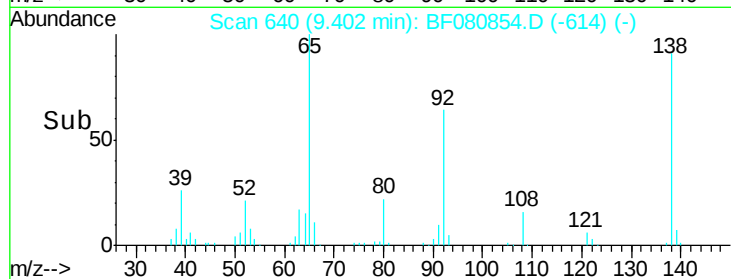
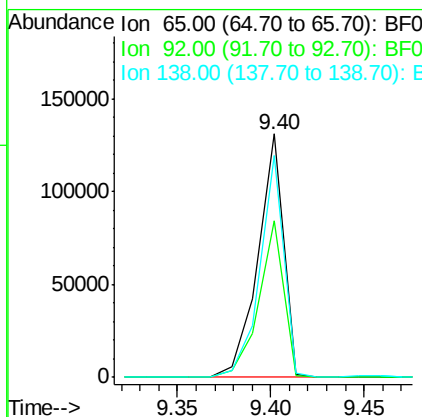
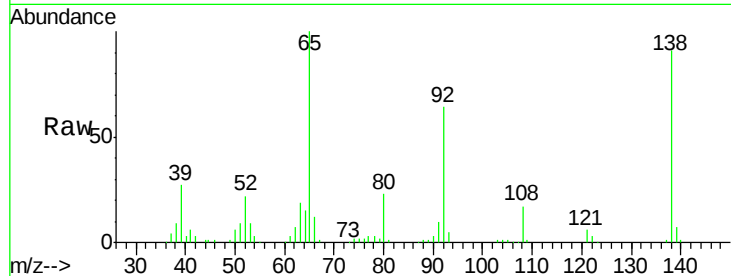
#47  
2-Nitroaniline  
Concen: 25.65 ng  
RT: 9.40 min Scan# 640  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 123444 |       |       |
| 92      | 64.1  | 51.7   | 77.5  |       |
| 138     | 90.9  | 74.2   | 111.2 |       |

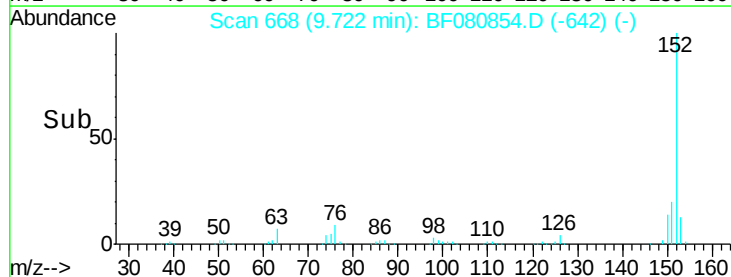
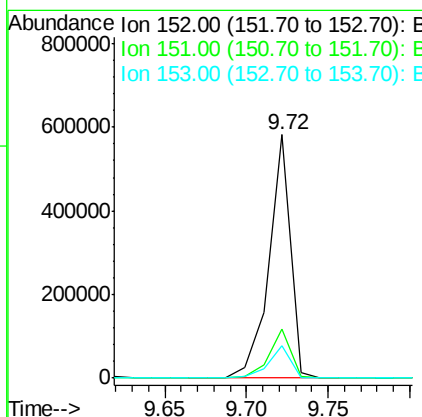
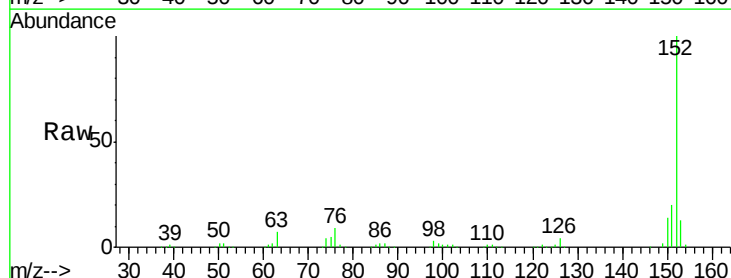
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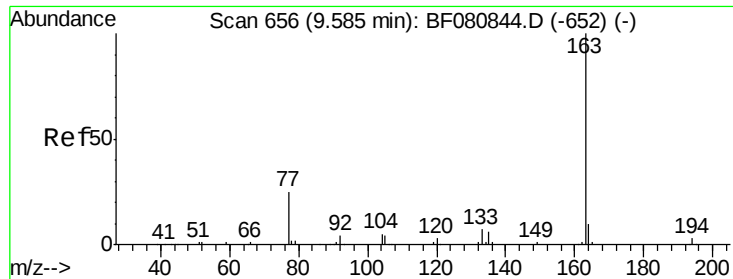
MMDadoda  
8/5/2015 7:01:01 PM



#48  
Acenaphthylene  
Concen: 24.63 ng  
RT: 9.72 min Scan# 668  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 535955 |       |       |
| 151     | 20.1  | 16.2   | 24.4  |       |
| 153     | 13.2  | 10.6   | 15.8  |       |





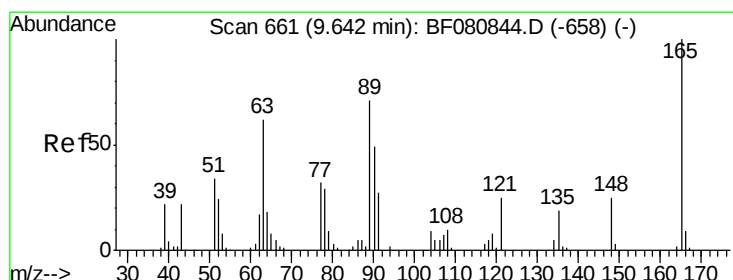
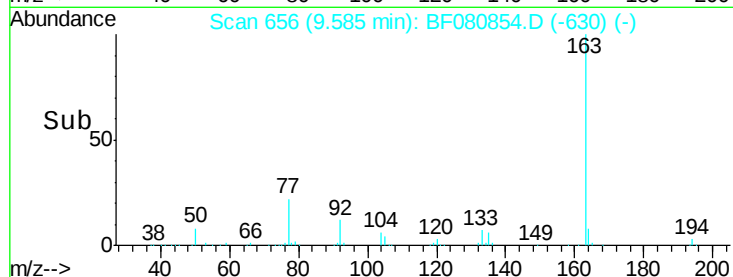
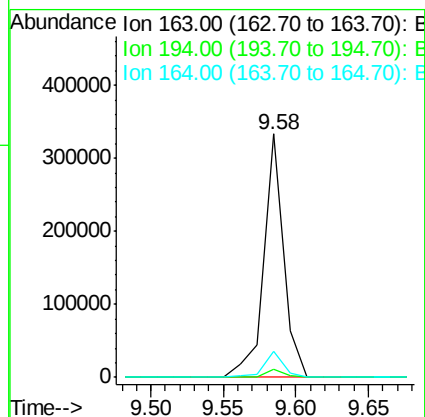
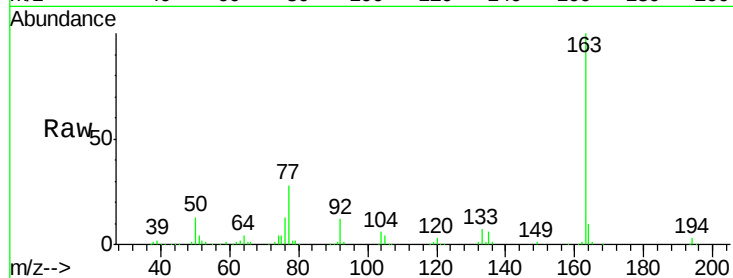
#49  
Dimethylphthalate  
Concen: 23.47 ng  
RT: 9.58 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.2   | 2.6        | 4.0        |
| 164     | 10.5  | 8.2        | 12.4       |

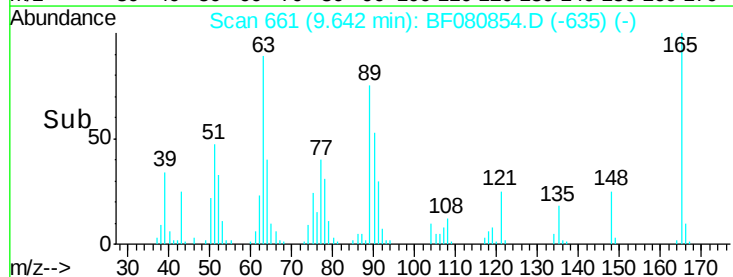
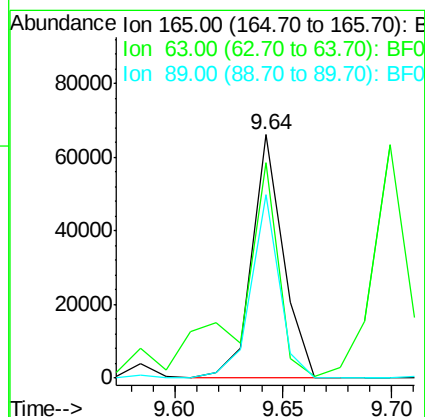
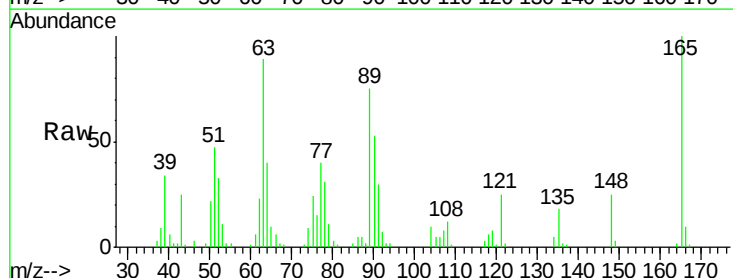
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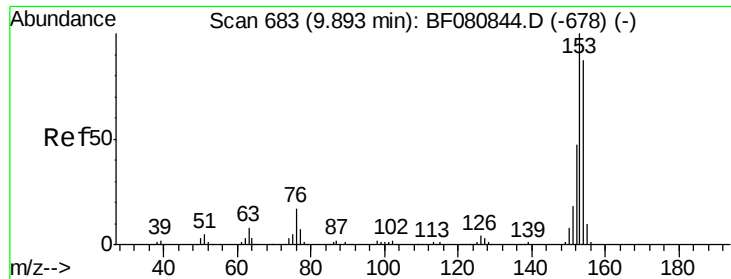
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8/5/2015 7:01:01 PM



#50  
2,6-Dinitrotoluene  
Concen: 23.48 ng  
RT: 9.64 min Scan# 661  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 88.5  | 65.0       | 97.6       |
| 89      | 75.2  | 56.6       | 85.0       |





#51

Acenaphthene

Concen: 26.89 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080854.D

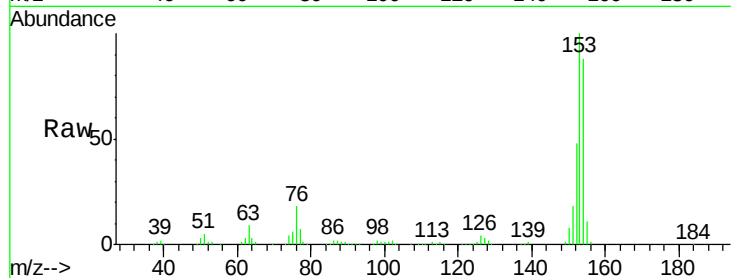
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

PB84838BS



Tgt Ion:154 Resp: 351723

Ion Ratio Lower Upper

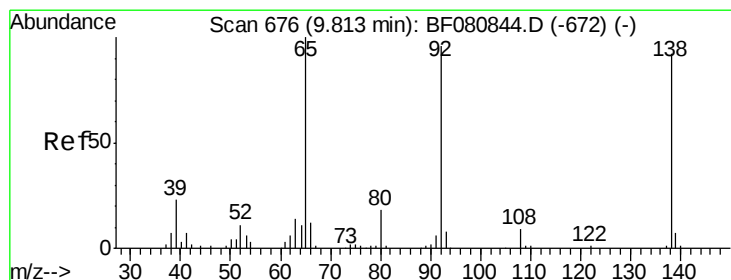
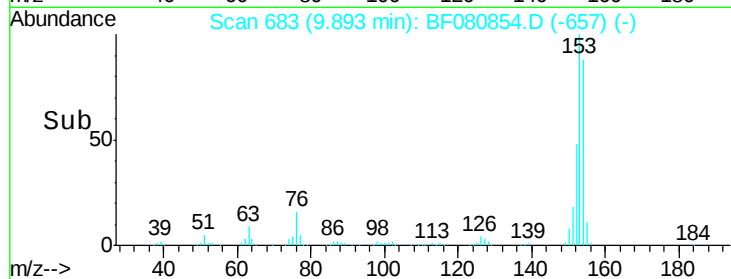
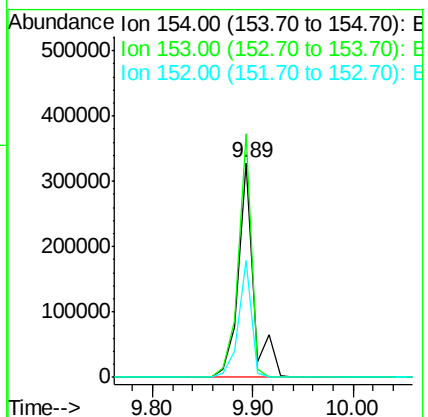
154 100

153 113.5 91.8 137.6

152 54.4 43.2 64.8

Manual Integrations  
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8/5/2015 7:01:01 PM



#52

3-Nitroaniline

Concen: 13.15 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

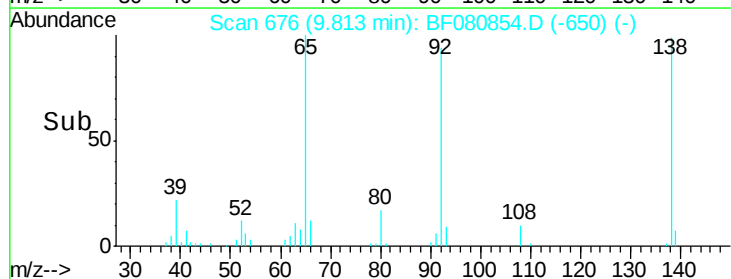
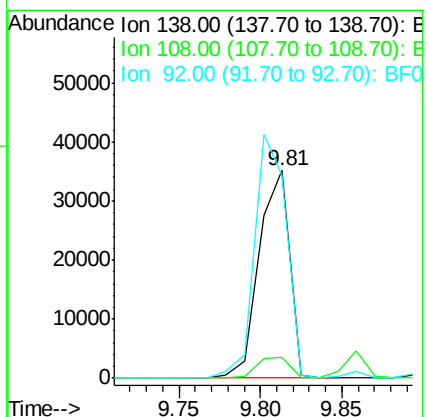
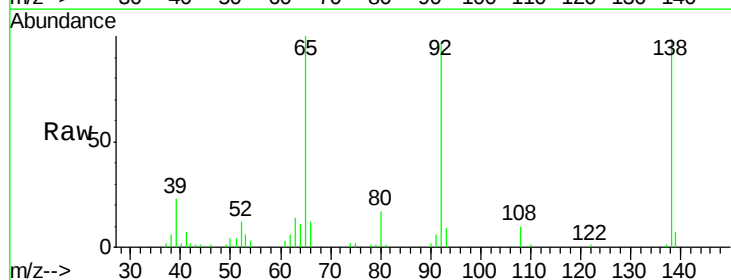
Tgt Ion:138 Resp: 45701

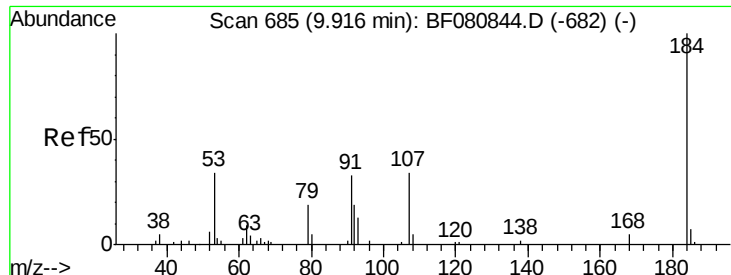
Ion Ratio Lower Upper

138 100

108 9.8 7.9 11.9

92 97.5 83.7 125.5





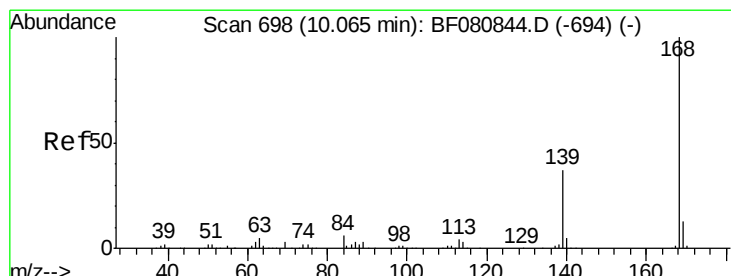
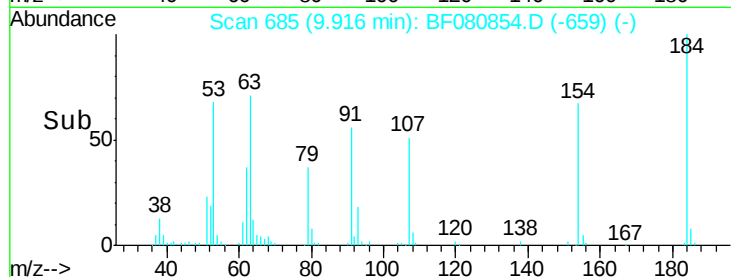
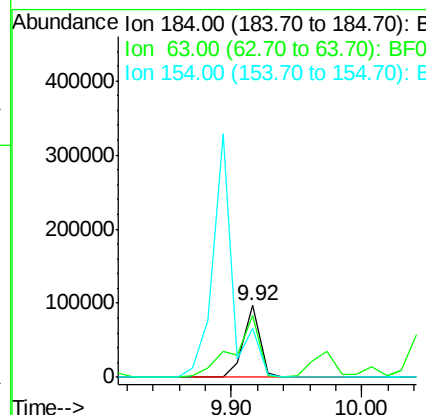
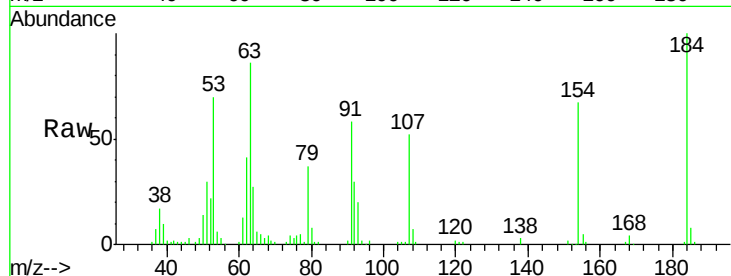
#53  
 2,4-Dinitrophenol  
 Concen: 50.02 ng  
 RT: 9.92 min Scan# 685  
 Delta R.T. 0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 85835 |       |       |
| 63      | 86.1  | 33.8  | 50.6# |       |
| 154     | 67.2  | 44.2  | 66.2# |       |

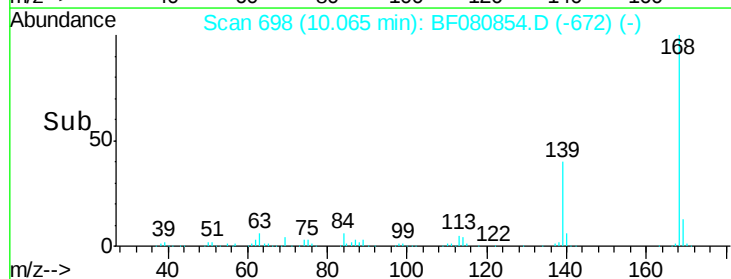
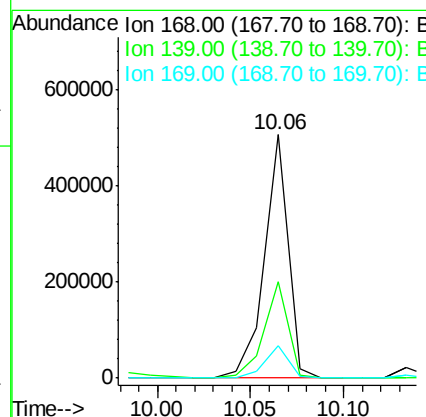
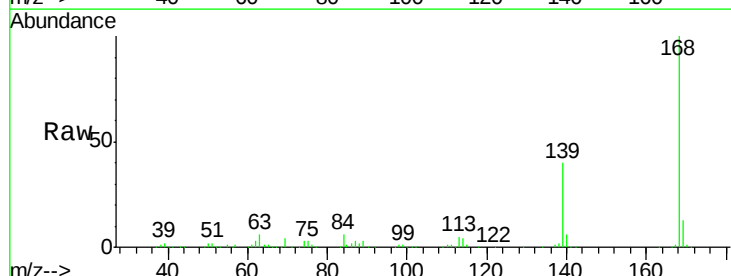
Manual Integrations  
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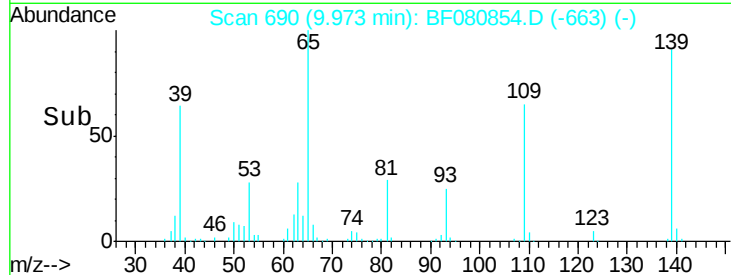
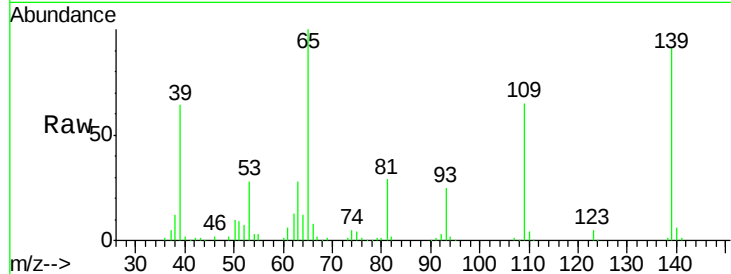
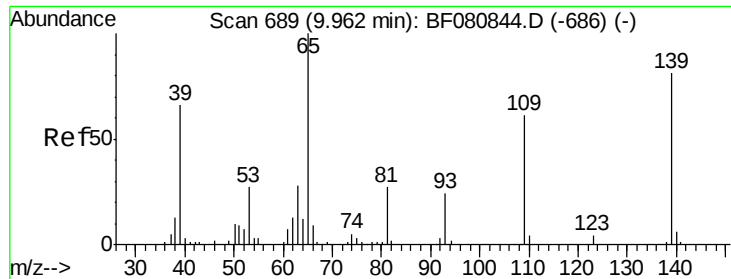
MMDadoda  
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#54  
 Dibenzofuran  
 Concen: 25.34 ng  
 RT: 10.06 min Scan# 698  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 441958 |       |       |
| 139     | 39.8  | 30.0   | 45.0  |       |
| 169     | 13.4  | 10.6   | 16.0  |       |





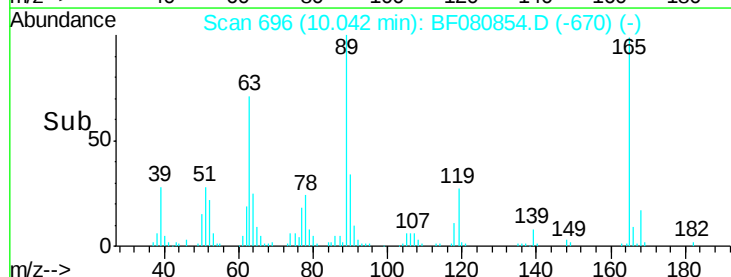
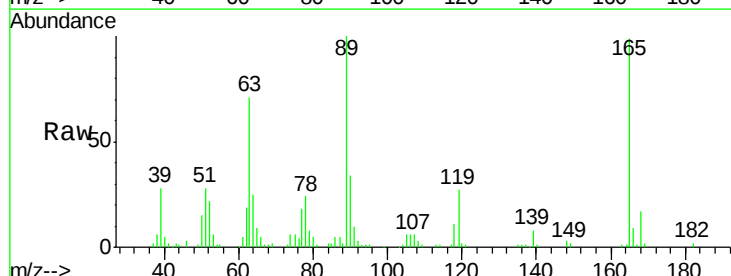
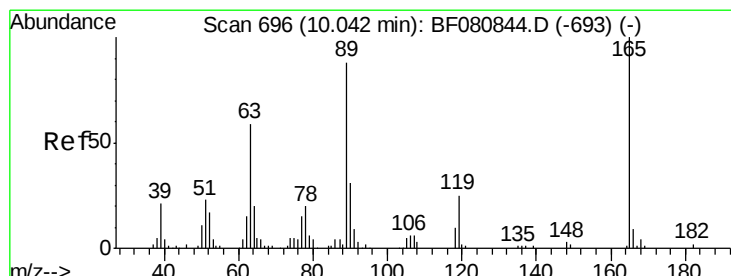
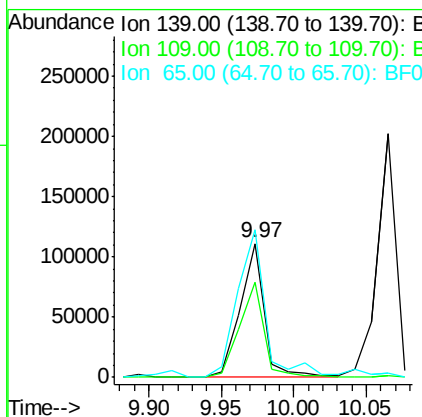
#55  
4-Nitrophenol  
Concen: 53.25 ng  
RT: 9.97 min Scan# 690  
Delta R.T. 0.01 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Tgt Ion:139 Resp: 130177  
Ion Ratio Lower Upper  
139 100  
109 71.0 54.4 94.4  
65 109.6 103.0 143.0

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

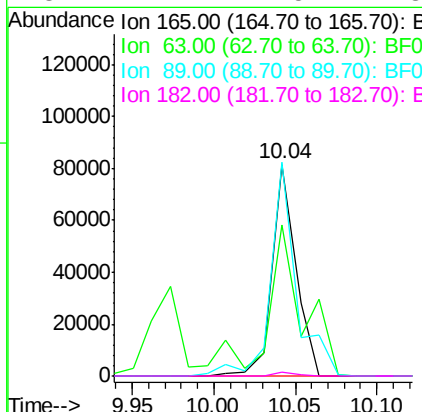
Manual Integrations  
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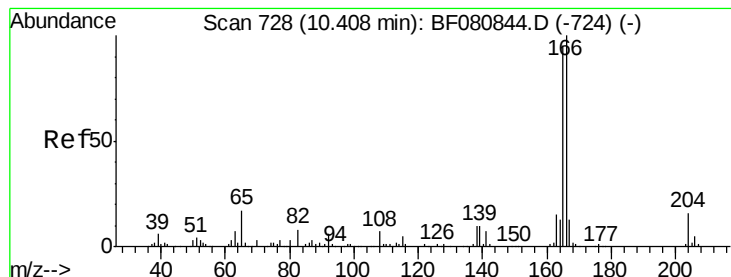
MMDadoda  
8/5/2015 7:01:01 PM



#56  
2,4-Dinitrotoluene  
Concen: 23.35 ng  
RT: 10.04 min Scan# 696  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Tgt Ion:165 Resp: 82938  
Ion Ratio Lower Upper  
165 100  
63 71.8 47.2 70.8#  
89 101.1 70.2 105.2  
182 2.1 1.5 2.3





#57

Fluorene

Concen: 24.92 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080854.D

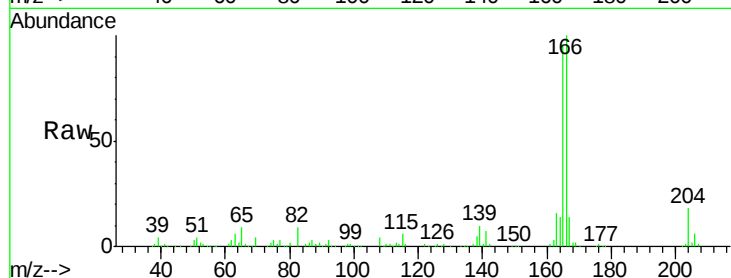
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

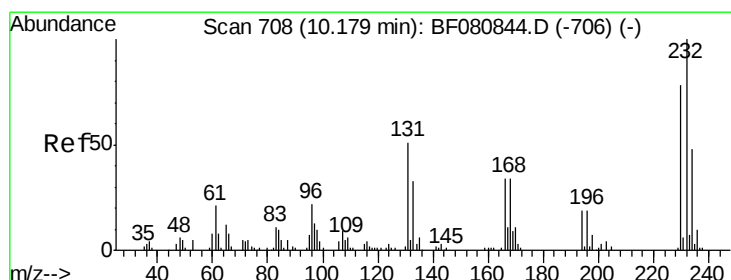
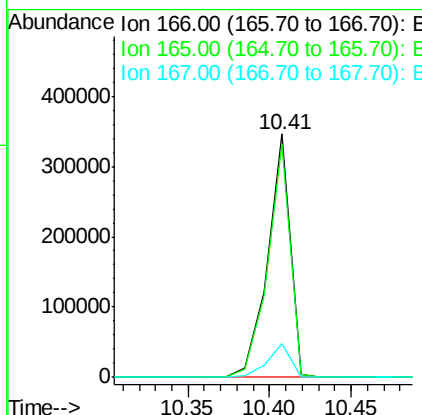
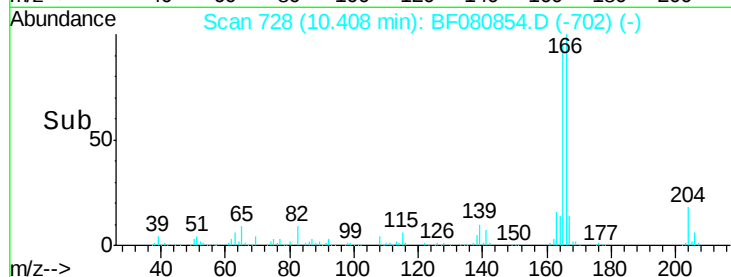
PB84838BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 331980 |       |       |
| 165     | 95.7  | 76.2   | 114.2 |       |
| 167     | 13.6  | 10.4   | 15.6  |       |

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#58

2,3,4,6-Tetrachlorophenol

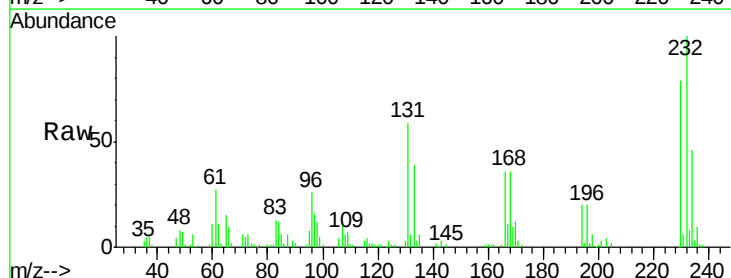
Concen: 25.83 ng

RT: 10.18 min Scan# 708

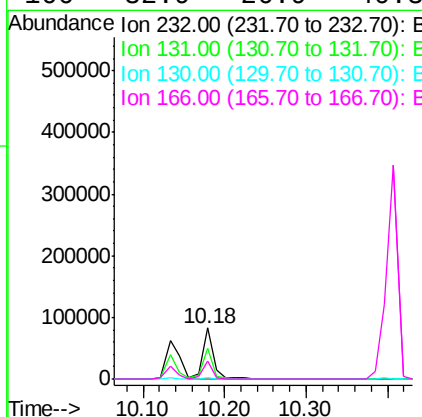
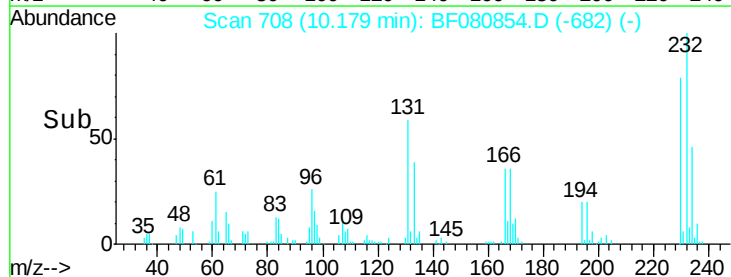
Delta R.T. -0.00 min

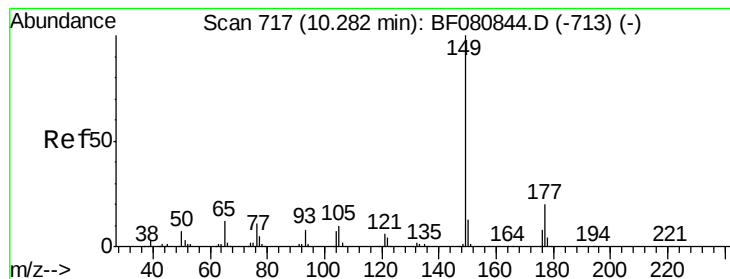
Lab File: BF080854.D

Acq: 4 Aug 2015 23:25



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 79323 |       |       |
| 131     | 55.3  | 43.7  | 65.5  |       |
| 130     | 2.3   | 1.9   | 2.9   |       |
| 166     | 32.9  | 26.9  | 40.3  |       |





#59

Diethylphthalate

Concen: 24.23 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF080854.D

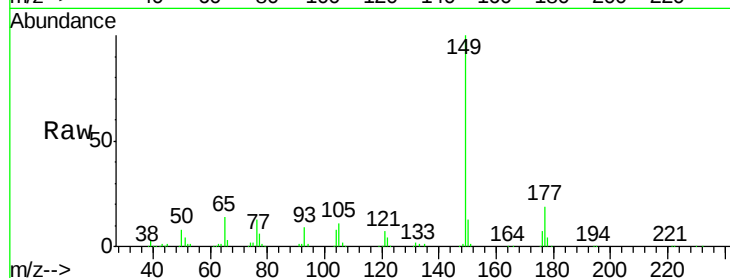
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

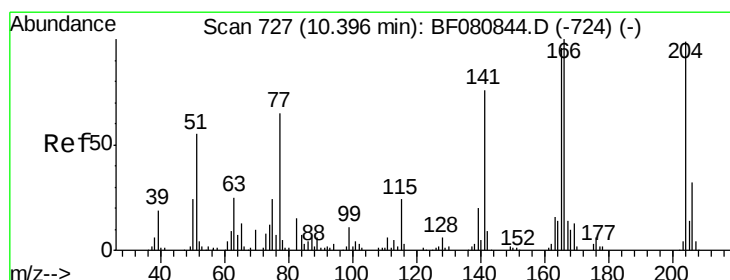
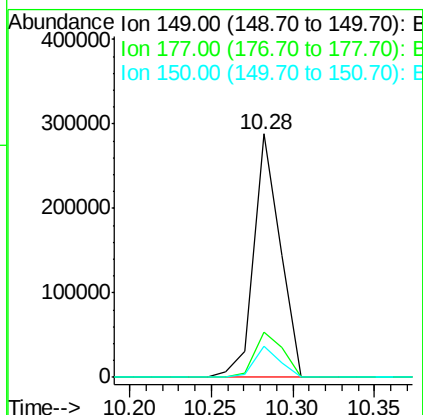
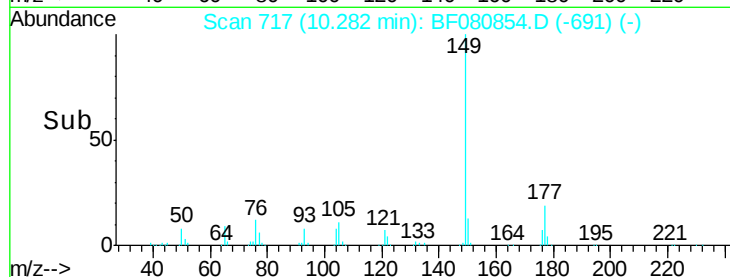
PB84838BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 322593 |       |       |
| 177     | 18.7  | 15.8   | 23.8  |       |
| 150     | 12.6  | 10.2   | 15.2  |       |

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#60

4-Chlorophenyl-phenylether

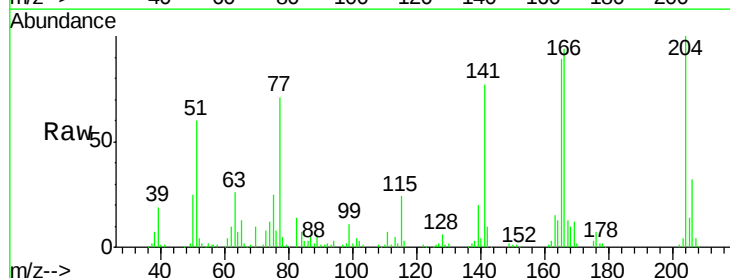
Concen: 23.93 ng

RT: 10.40 min Scan# 727

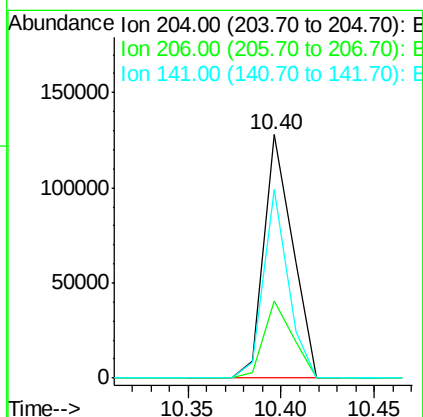
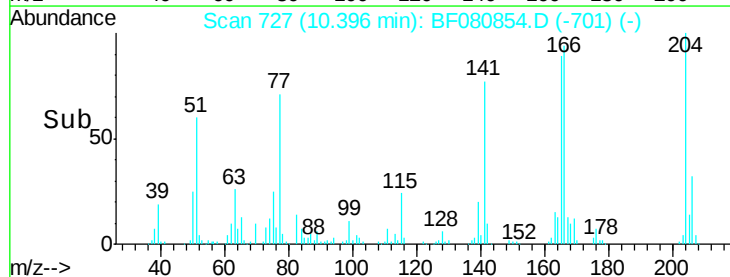
Delta R.T. 0.00 min

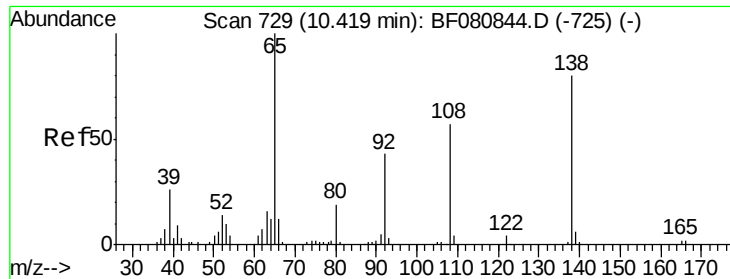
Lab File: BF080854.D

Acq: 4 Aug 2015 23:25



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 135897 |       |       |
| 206     | 31.9  | 25.8   | 38.8  |       |
| 141     | 77.5  | 61.4   | 92.2  |       |





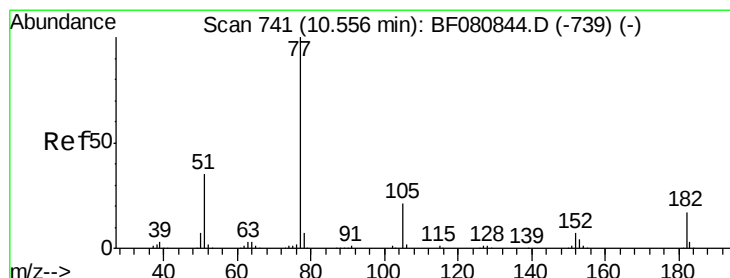
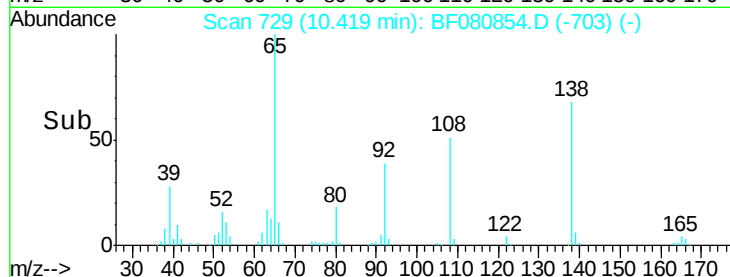
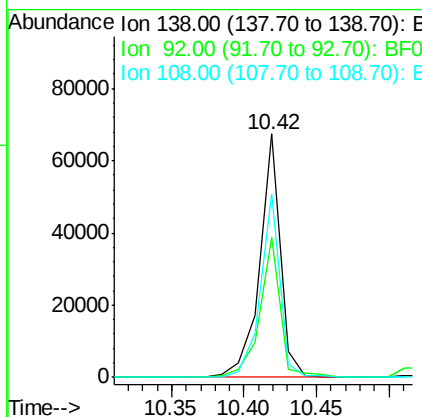
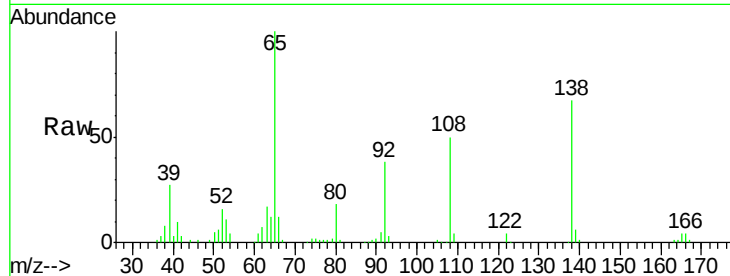
#61  
4-Nitroaniline  
Concen: 21.36 ng  
RT: 10.42 min Scan# 729  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.5  | 33.5  | 73.5  |
| 108     | 75.4  | 52.3  | 92.3  |

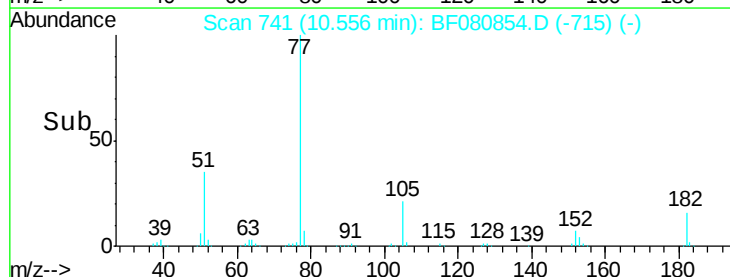
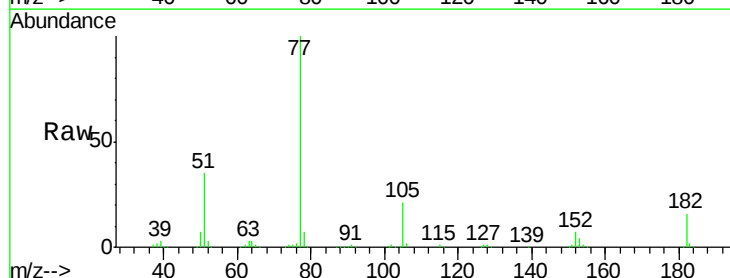
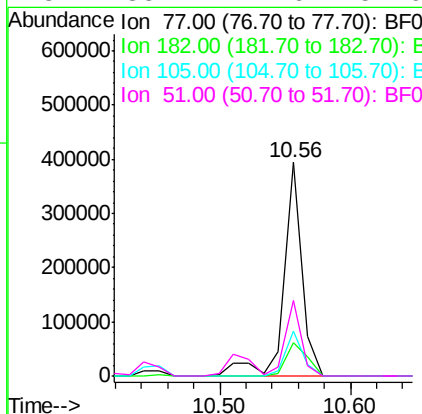
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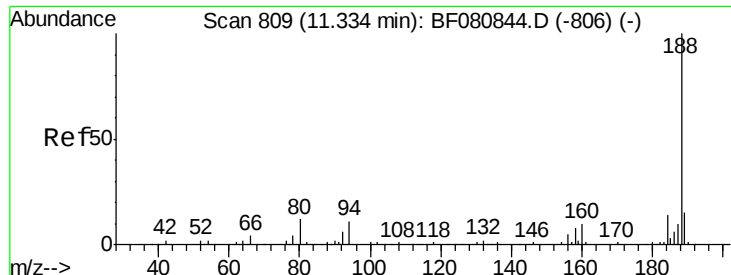
MMDadoda  
8/5/2015 7:01:01 PM



#62  
Azobenzene  
Concen: 25.04 ng  
RT: 10.56 min Scan# 741  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 15.7  | 0.0   | 37.0  |
| 105     | 20.9  | 1.3   | 41.3  |
| 51      | 35.1  | 14.6  | 54.6  |





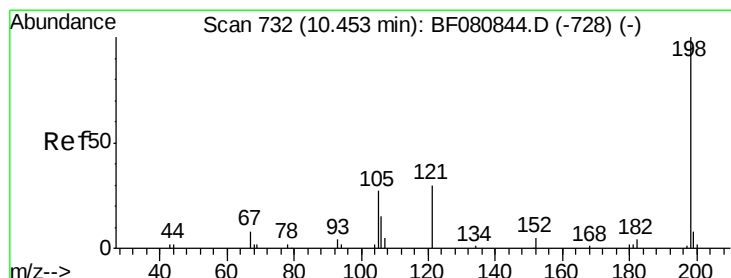
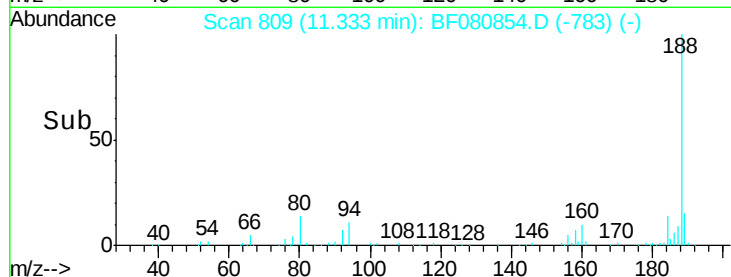
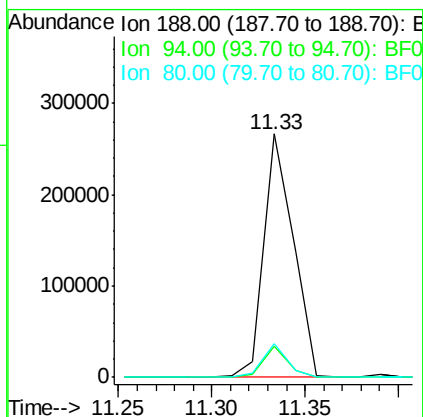
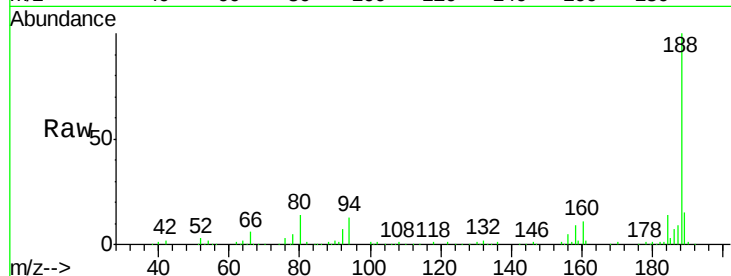
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.33 min Scan# 809  
Delta R.T. -0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 13.0  | 8.6        | 12.8#      |
| 80      | 14.0  | 9.3        | 13.9#      |

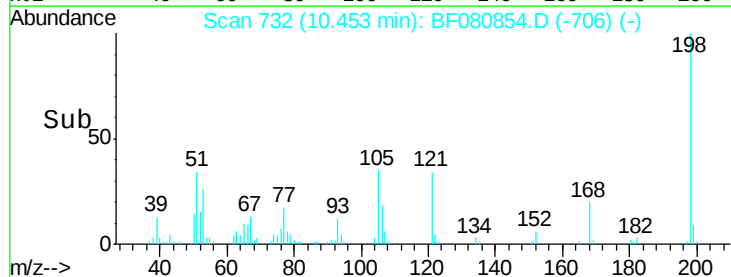
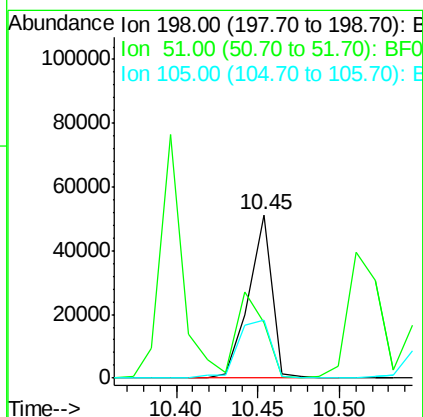
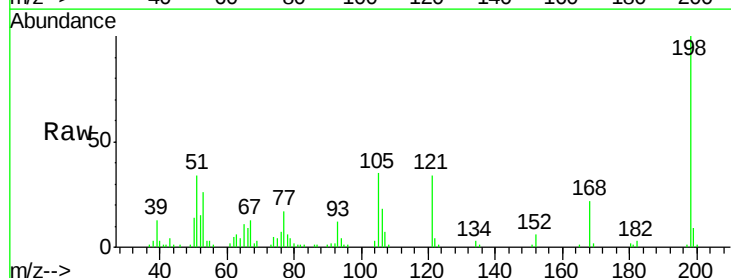
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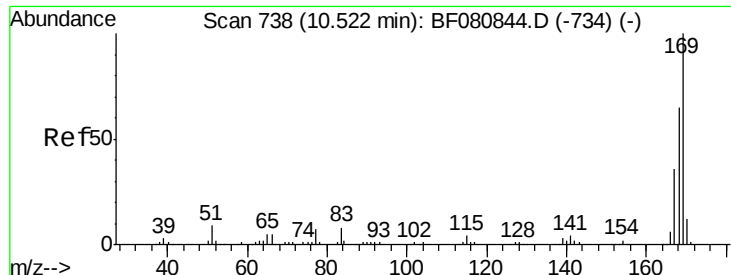
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8/5/2015 7:01:01 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 27.25 ng  
RT: 10.45 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: BF080854.D  
Acq: 4 Aug 2015 23:25

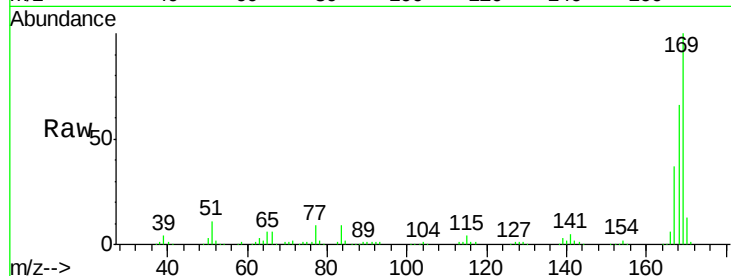
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 33.9  | 4.7        | 44.7       |
| 105     | 35.4  | 8.5        | 48.5       |





#65  
 n-Nitrosodiphenylamine  
 Concen: 26.09 ng  
 RT: 10.52 min Scan# 738  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

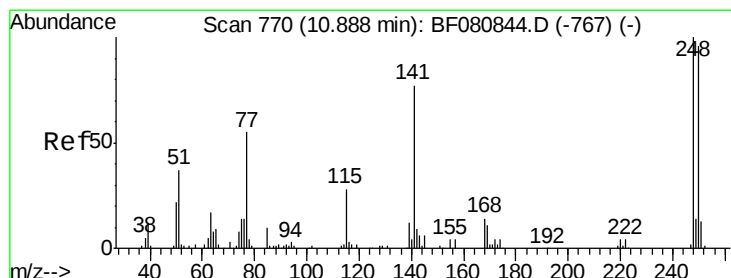
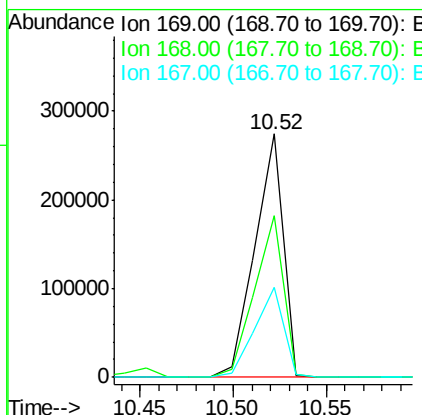
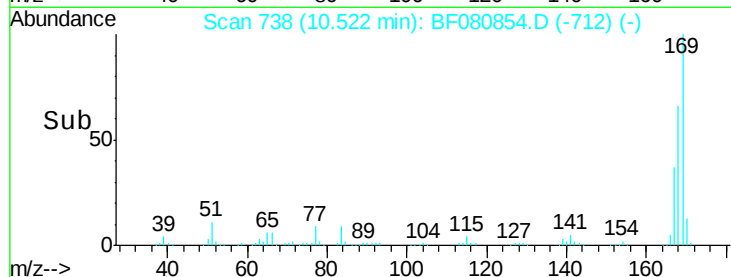
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS



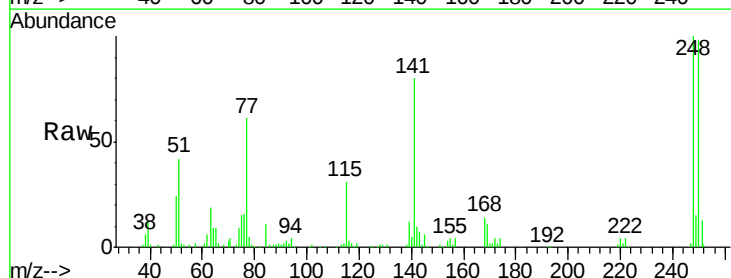
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 289491 |       |       |
| 168     | 66.4  | 52.2   | 78.4  |       |
| 167     | 36.9  | 29.2   | 43.8  |       |

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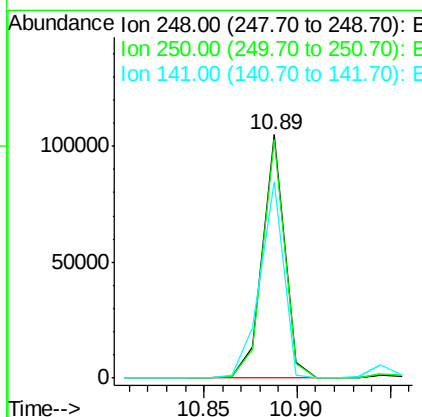
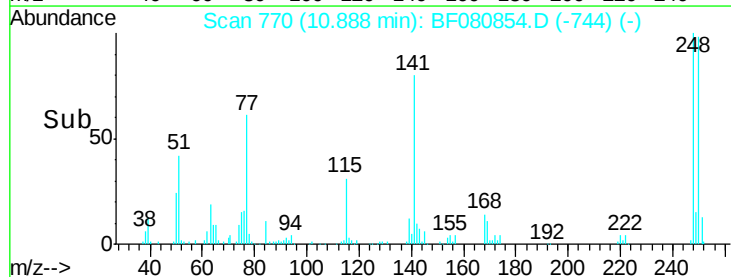
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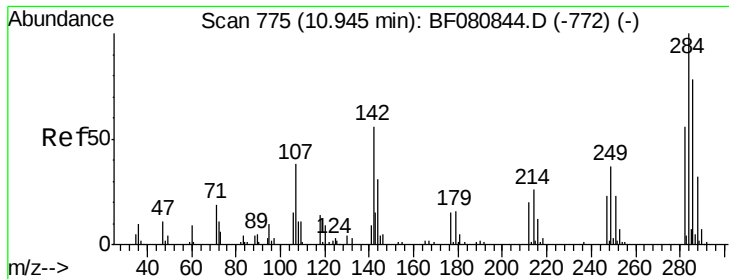


#66  
 4-Bromophenyl-phenylether  
 Concen: 26.98 ng  
 RT: 10.89 min Scan# 770  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 86477 |       |       |
| 250     | 97.9  | 77.2  | 115.8 |       |
| 141     | 80.4  | 61.4  | 92.0  |       |





#67

Hexachlorobenzene

Concen: 26.10 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF080854.D

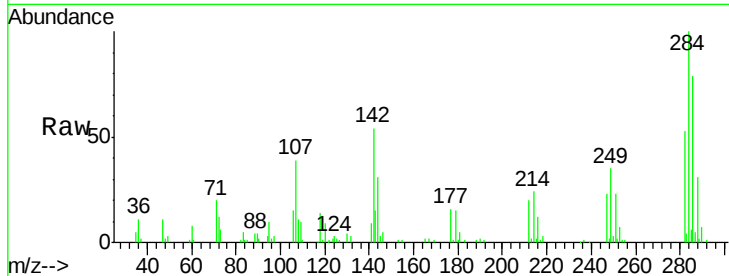
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

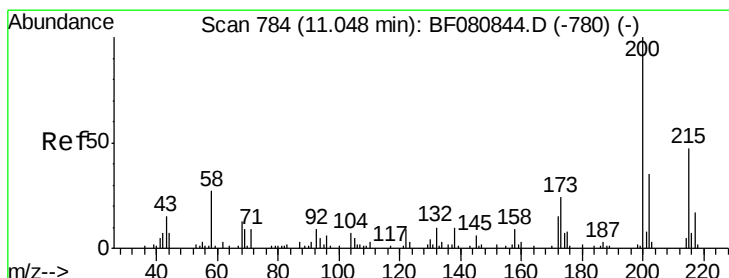
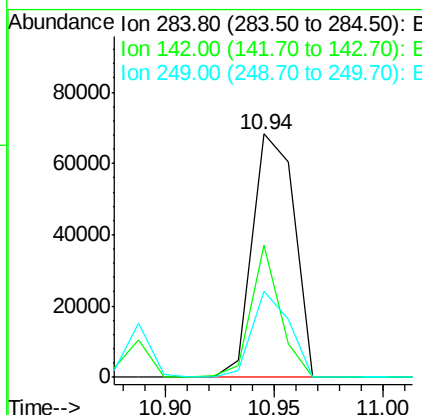
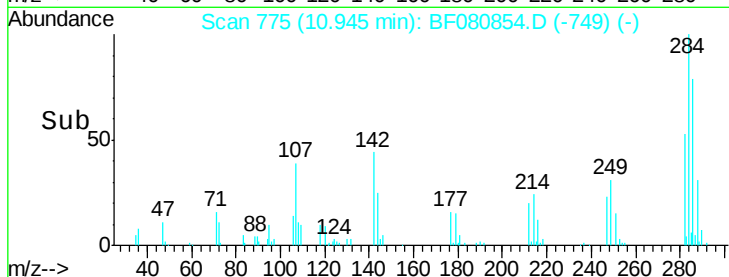
PB84838BS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 91393 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 54.2  | 44.4  | 66.6  |
| 249       | 35.4  | 29.3  | 43.9  |

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8/5/2015 7:01:01 PM



#68

Atrazine

Concen: 29.44 ng

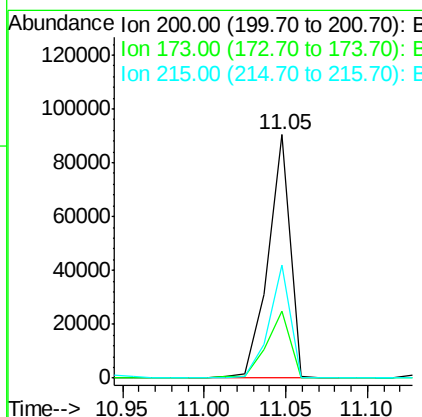
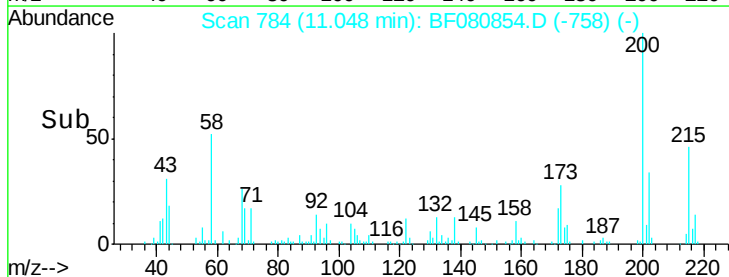
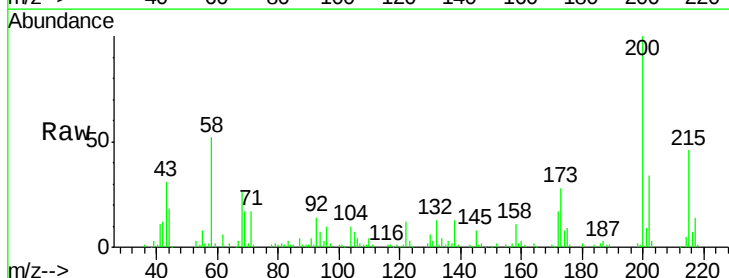
RT: 11.05 min Scan# 784

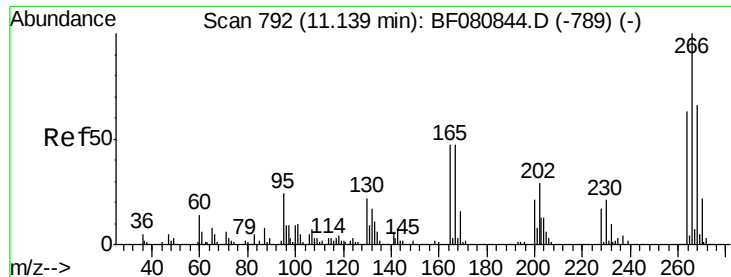
Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 85046 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 27.7  | 4.8   | 44.8  |
| 215       | 46.2  | 27.1  | 67.1  |





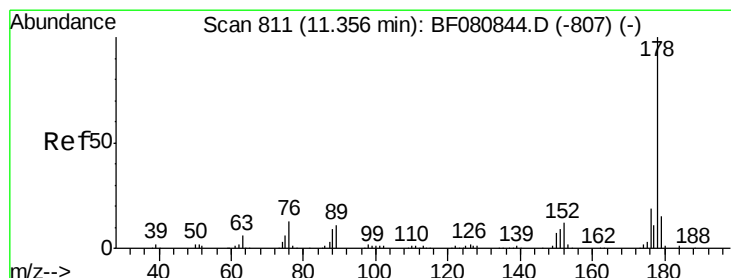
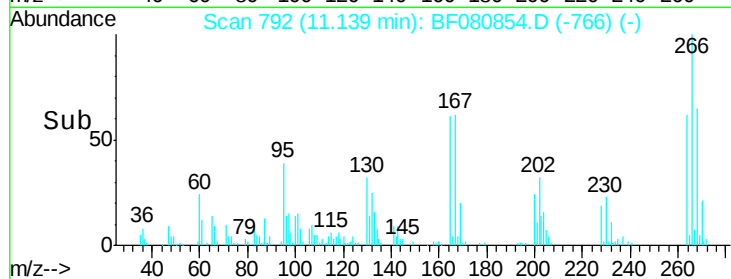
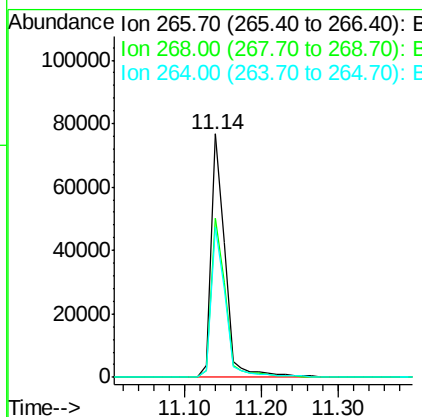
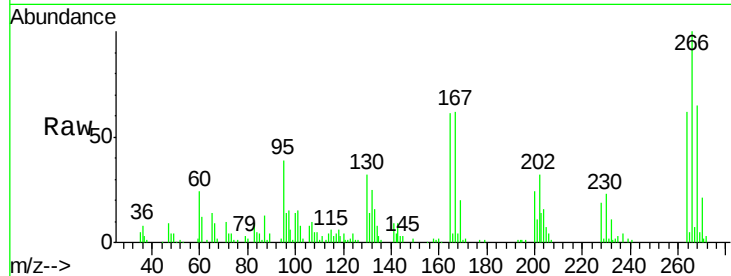
#69  
 Pentachlorophenol  
 Concen: 50.24 ng  
 RT: 11.14 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 95854 |       |       |
| 268     | 65.5  | 52.6  | 78.8  |       |
| 264     | 61.5  | 50.7  | 76.1  |       |

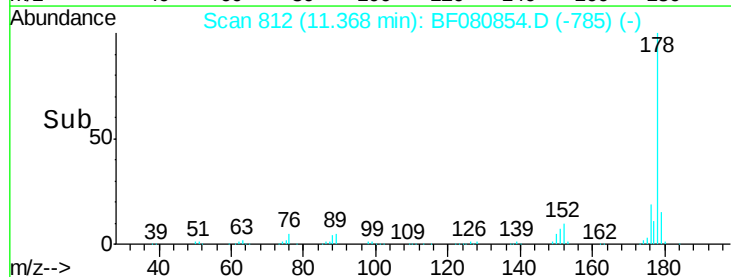
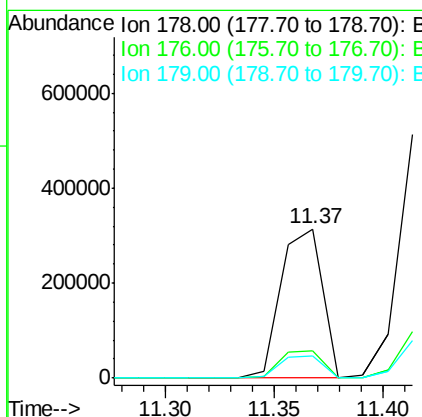
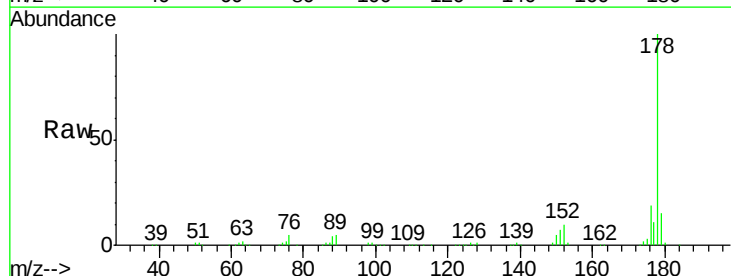
Manual Integrations  
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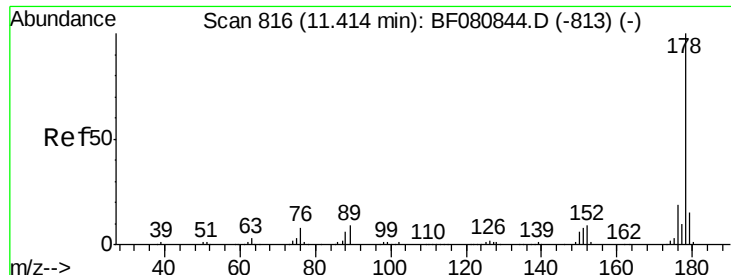
MMDadoda  
 8/5/2015 7:01:01 PM



#70  
 Phenanthrene  
 Concen: 25.10 ng  
 RT: 11.37 min Scan# 812  
 Delta R.T. 0.01 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 420077 |       |       |
| 176     | 18.6  | 15.3   | 22.9  |       |
| 179     | 15.0  | 12.3   | 18.5  |       |





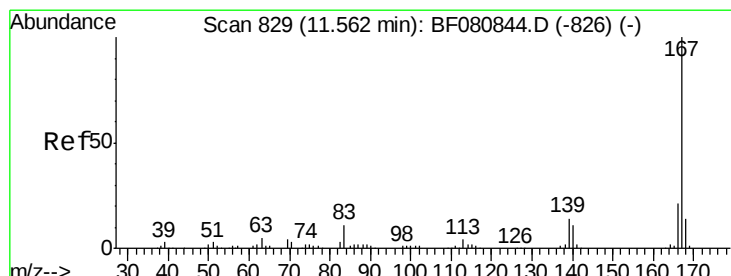
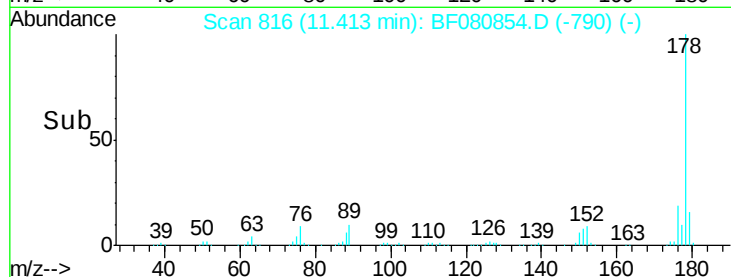
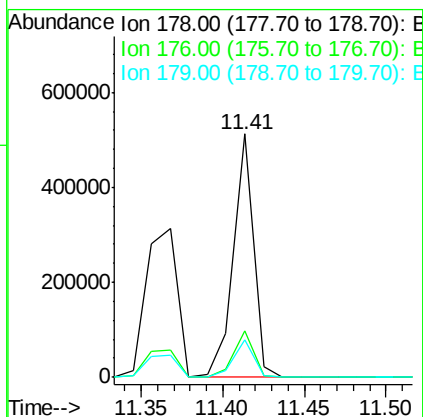
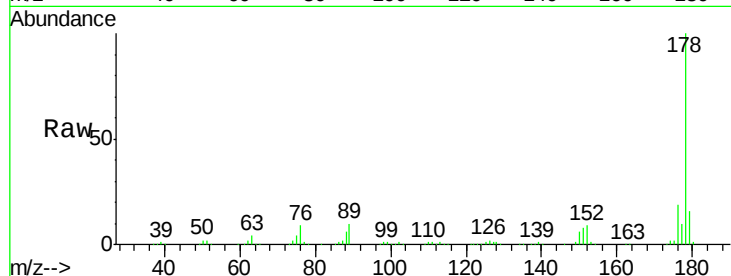
#71  
 Anthracene  
 Concen: 26.68 ng  
 RT: 11.41 min Scan# 816  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 433840 |       |       |
| 176     | 19.1  | 15.4   | 23.2  |       |
| 179     | 15.6  | 12.2   | 18.4  |       |

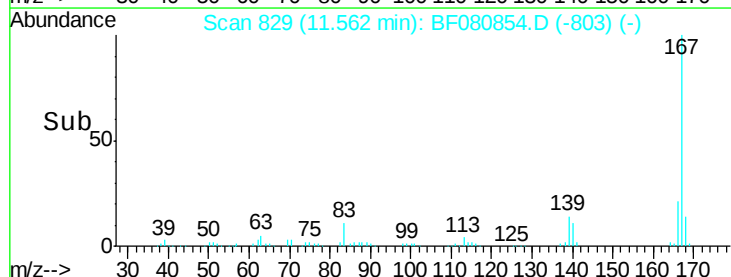
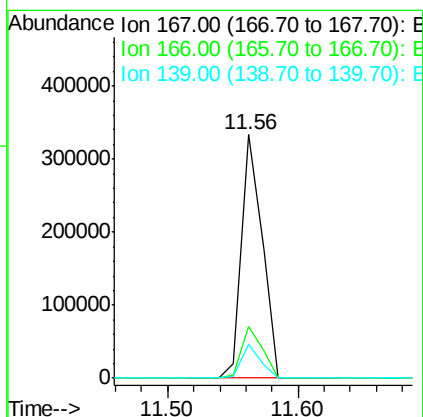
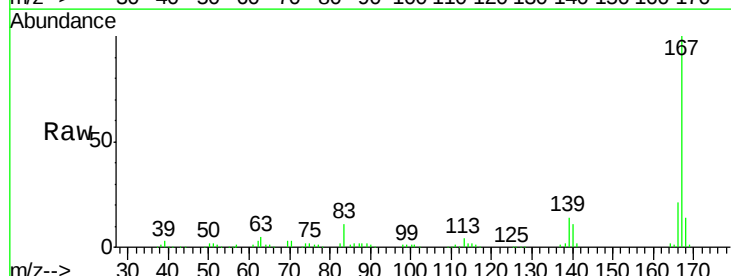
Manual Integrations  
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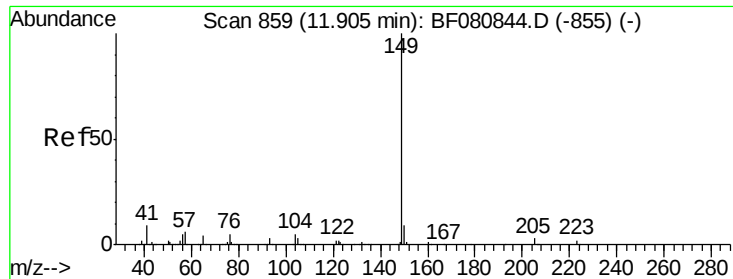
MMDadoda  
 8/5/2015 7:01:01 PM



#72  
 Carbazole  
 Concen: 23.76 ng  
 RT: 11.56 min Scan# 829  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 364516 |       |       |
| 166     | 21.2  | 16.6   | 25.0  |       |
| 139     | 13.9  | 11.3   | 16.9  |       |





#73

Di-n-butylphthalate

Concen: 27.01 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

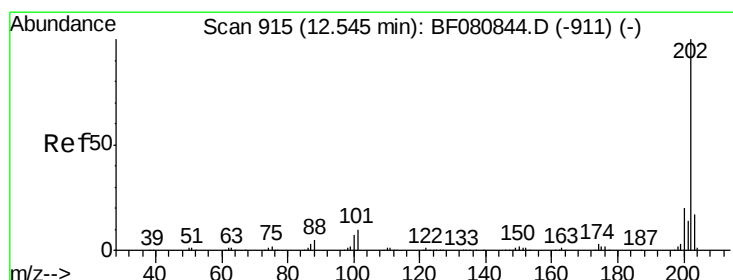
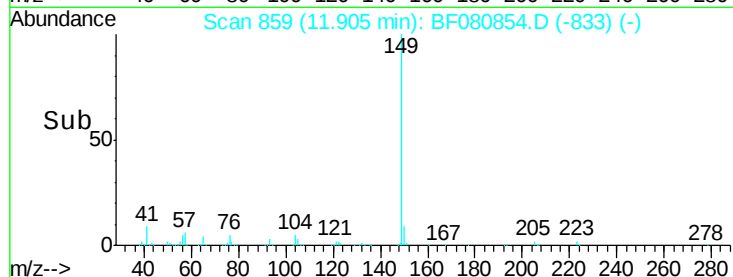
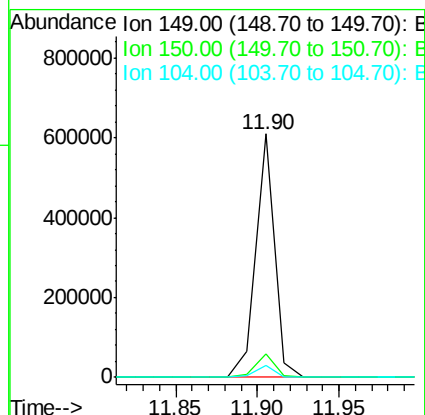
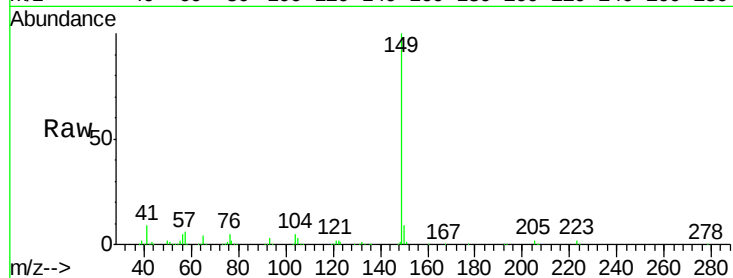
ClientSampleId :

PB84838BS

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8/5/2015 7:01:01 PM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 490508 |       |       |
| 150     | 9.4   | 7.4    | 11.2  |       |
| 104     | 5.0   | 3.9    | 5.9   |       |



#74

Fluoranthene

Concen: 25.03 ng

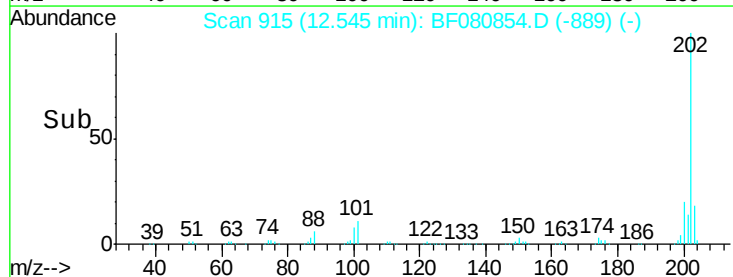
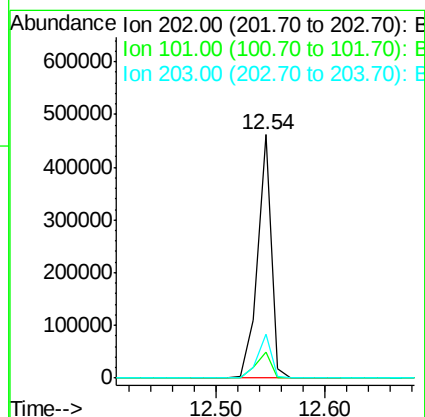
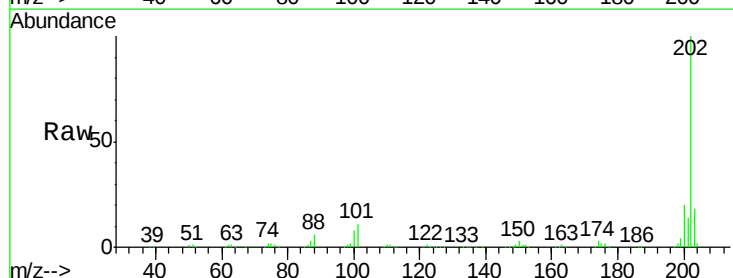
RT: 12.54 min Scan# 915

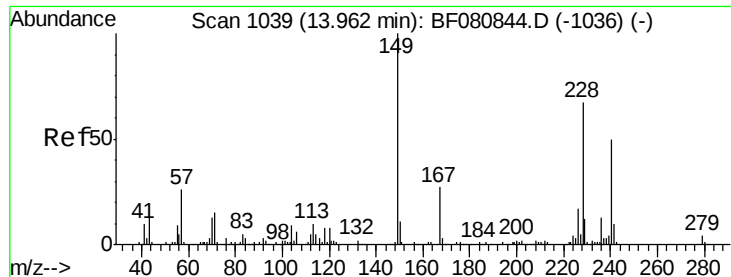
Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 408038 |       |       |
| 101     | 10.7  | 0.0    | 29.9  |       |
| 203     | 18.0  | 0.0    | 37.4  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080854.D

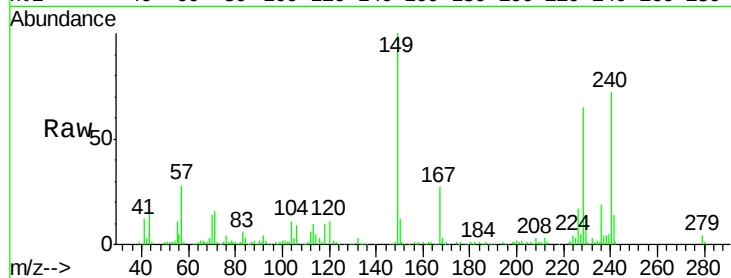
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

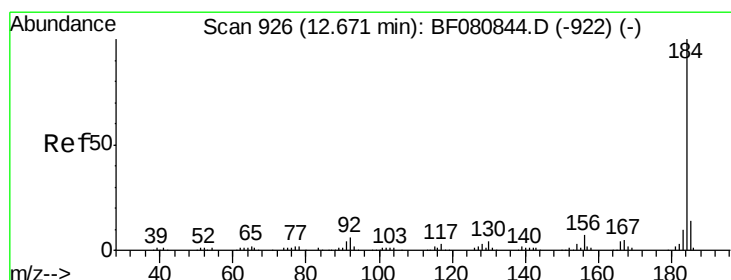
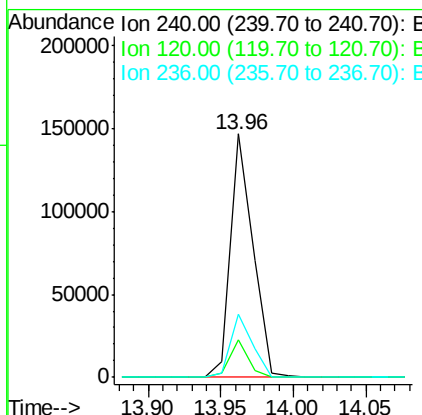
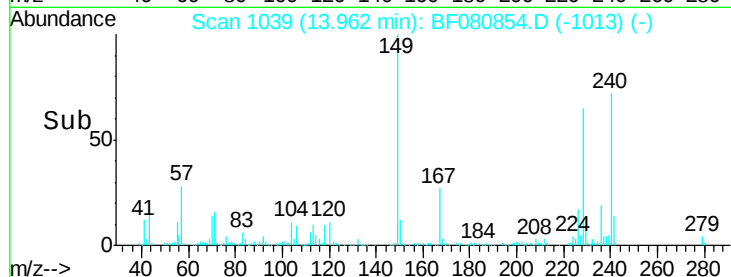
PB84838BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 157868 |       |       |
| 120     | 15.5  | 13.0   | 19.6  |       |
| 236     | 26.1  | 20.7   | 31.1  |       |

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8/5/2015 7:01:01 PM



#76

Benzidine

Concen: 16.55 ng

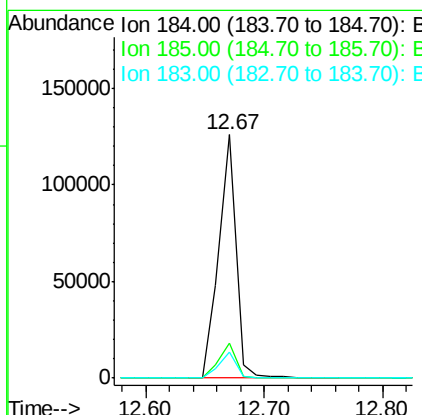
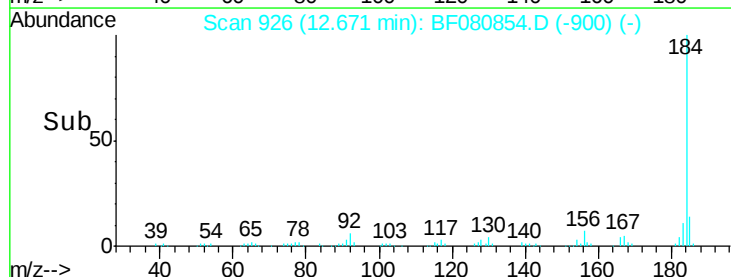
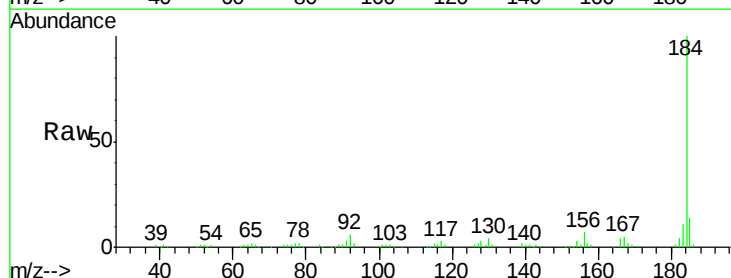
RT: 12.67 min Scan# 926

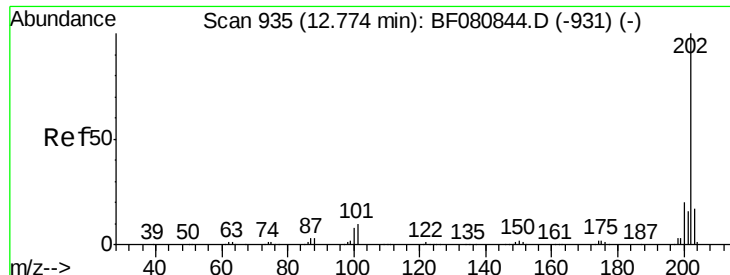
Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 126455 |       |       |
| 185     | 14.4  | 11.4   | 17.2  |       |
| 183     | 10.6  | 8.4    | 12.6  |       |





#77

Pyrene

Concen: 31.10 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF080854.D

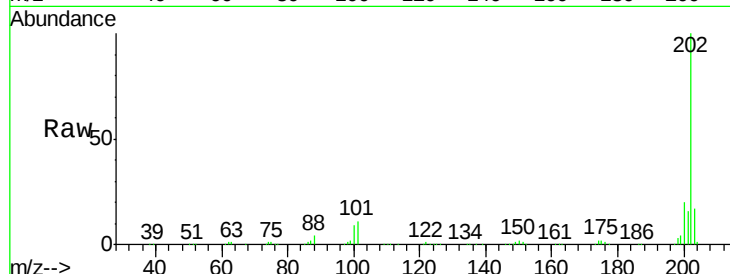
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

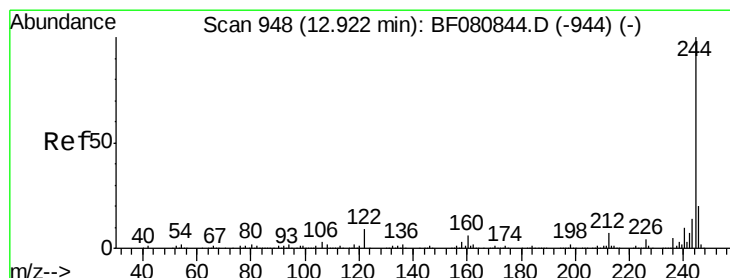
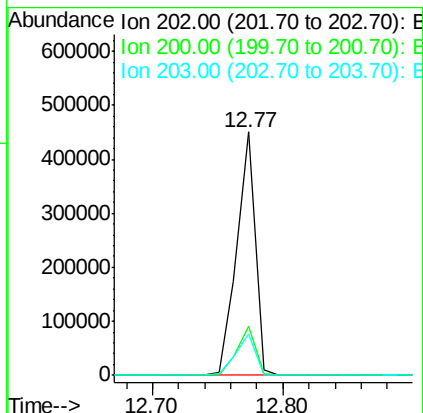
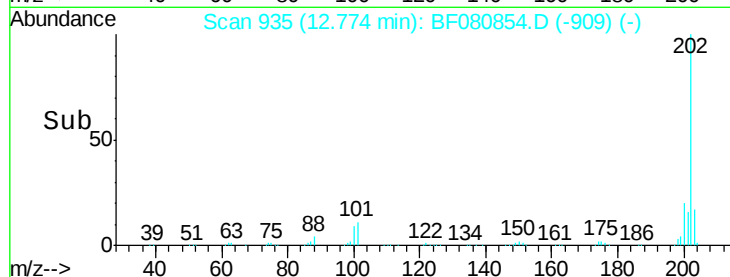
PB84838BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 440401 |       |       |
| 200     | 20.0  | 16.1   | 24.1  |       |
| 203     | 17.2  | 13.6   | 20.4  |       |

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8/5/2015 7:01:01 PM



#78

Terphenyl-d14

Concen: 56.87 ng

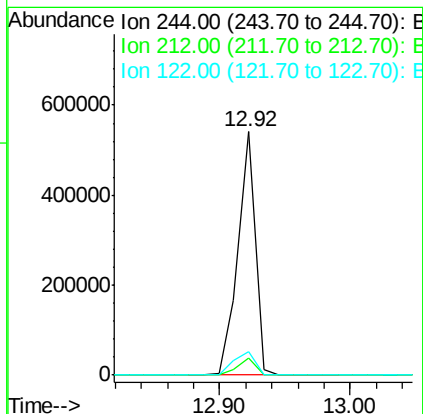
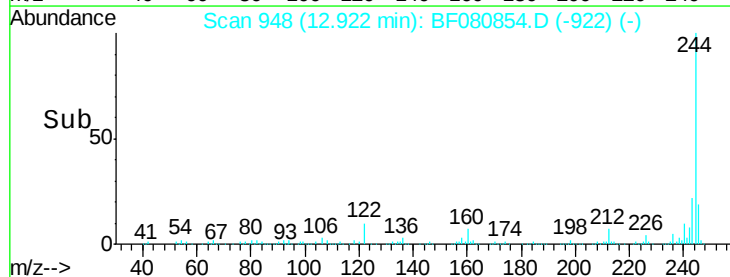
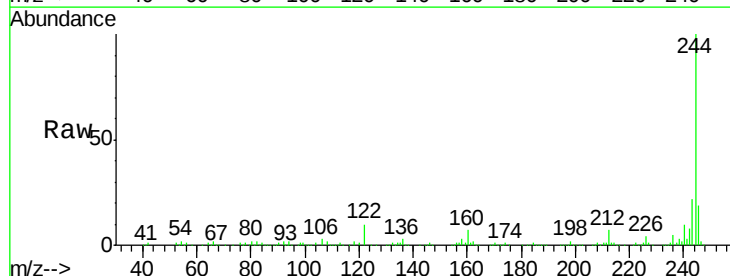
RT: 12.92 min Scan# 948

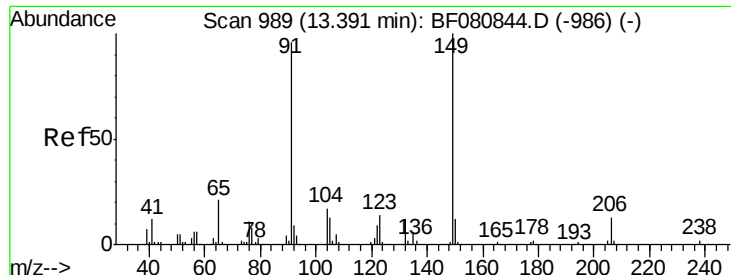
Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 496006 |       |       |
| 212     | 6.9   | 5.5    | 8.3   |       |
| 122     | 9.6   | 7.1    | 10.7  |       |





#79

Butylbenzylphthalate

Concen: 29.66 ng

RT: 13.40 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

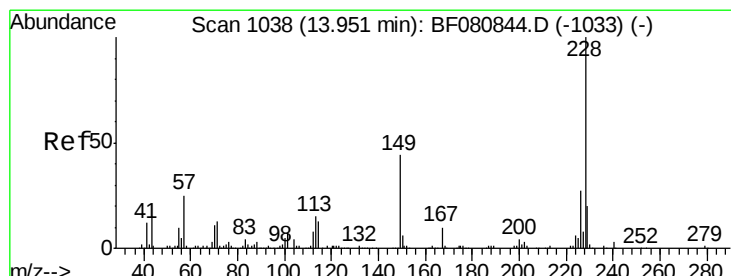
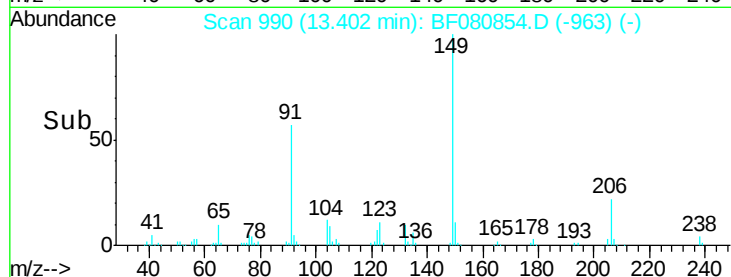
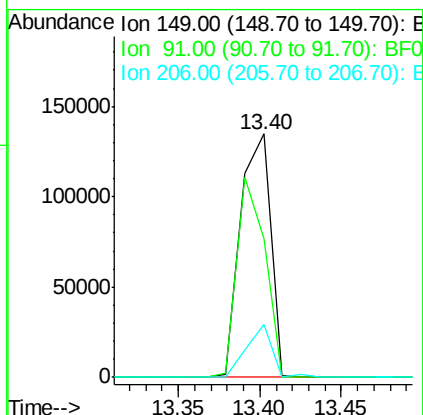
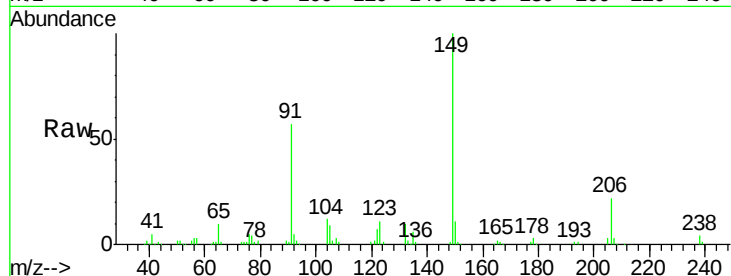
ClientSampleId :

PB84838BS

Manual Integrations  
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MMDadoda  
8/5/2015 7:01:01 PM

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 149     | 100   | 171818 |        |       |
| 91      | 56.9  | 76.4   | 114.6# |       |
| 206     | 21.7  | 10.7   | 16.1#  |       |



#80

Benzo(a)anthracene

Concen: 27.24 ng

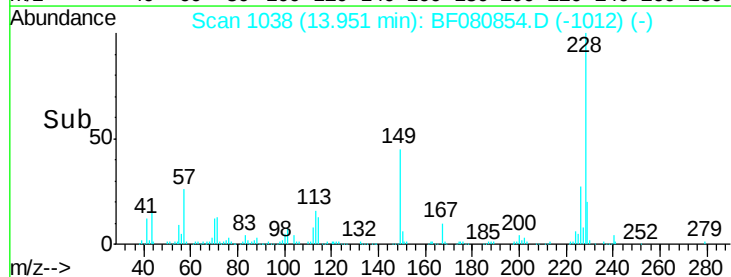
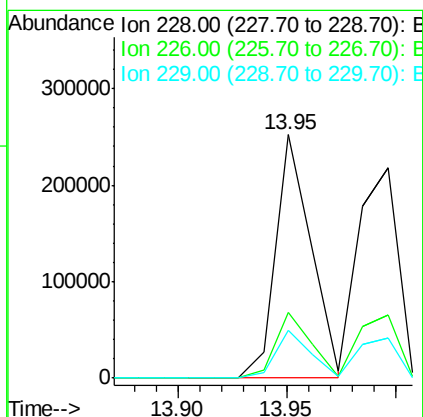
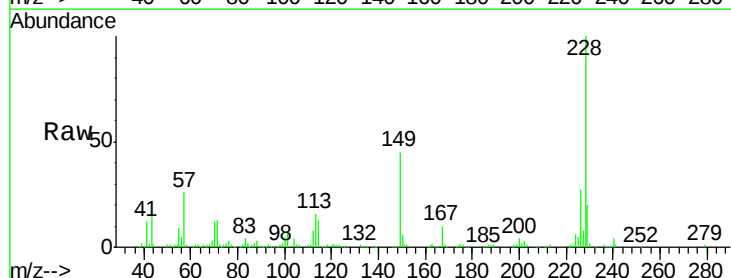
RT: 13.95 min Scan# 1038

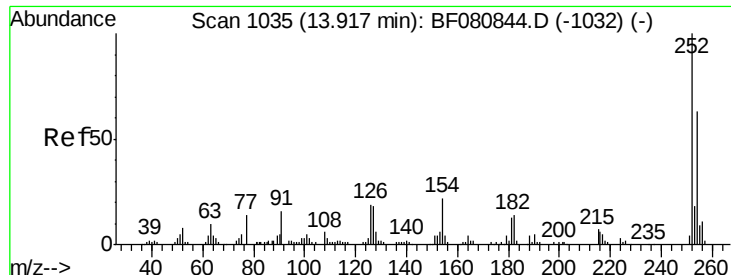
Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 287613 |       |       |
| 226     | 27.2  | 21.5   | 32.3  |       |
| 229     | 19.8  | 16.2   | 24.2  |       |





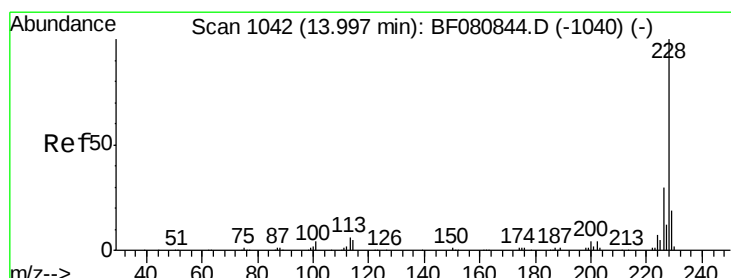
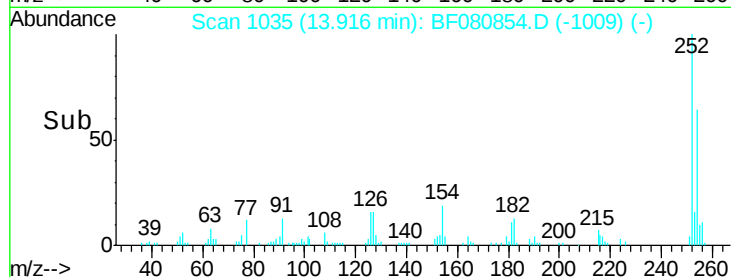
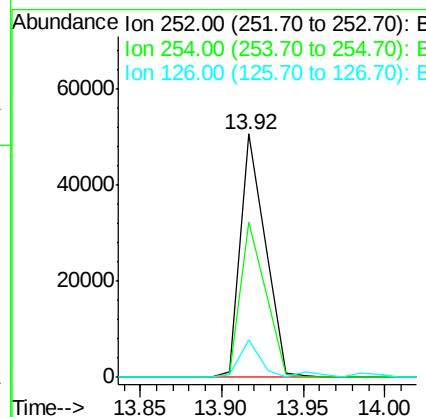
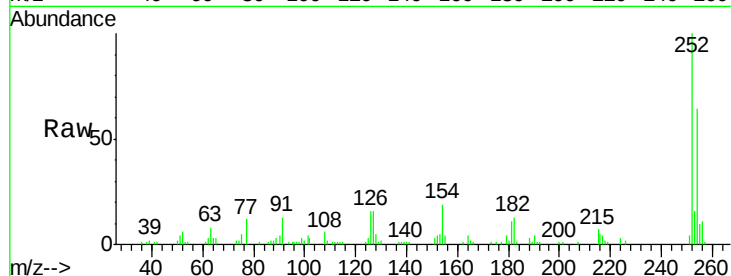
#81  
 3,3'-Dichlorobenzidine  
 Concen: 13.53 ng  
 RT: 13.92 min Scan# 1035  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 53099 |       |       |
| 254     | 63.6  |       | 50.3  | 75.5  |
| 126     | 15.7  |       | 15.1  | 22.7  |

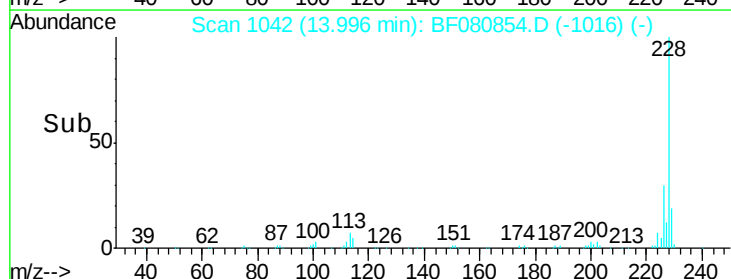
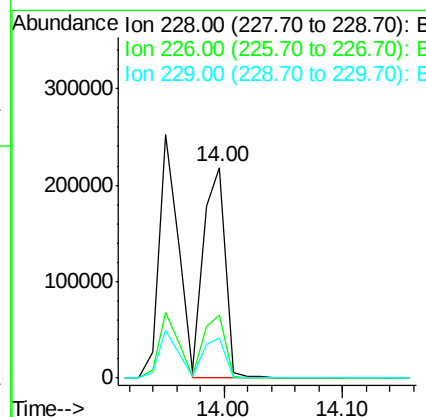
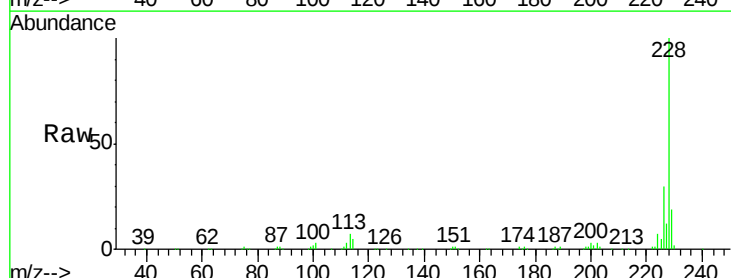
Manual Integrations  
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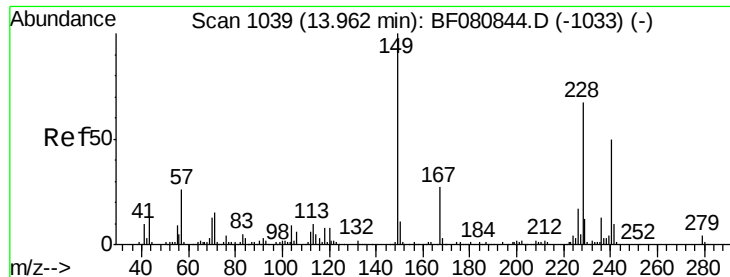
MMDadoda  
 8/5/2015 7:01:01 PM



#82  
 Chrysene  
 Concen: 25.94 ng  
 RT: 14.00 min Scan# 1042  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 279184 |       |       |
| 226     | 30.0  |        | 23.6  | 35.4  |
| 229     | 19.3  |        | 15.1  | 22.7  |





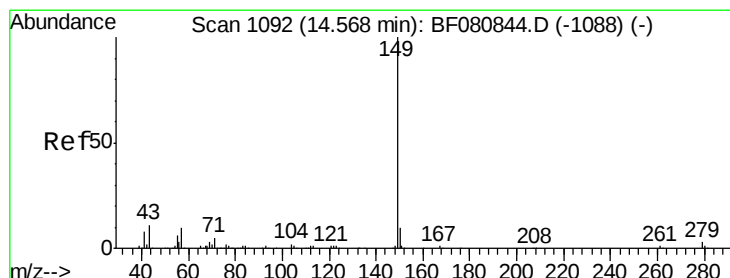
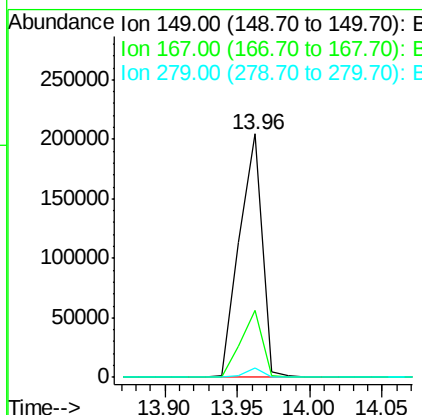
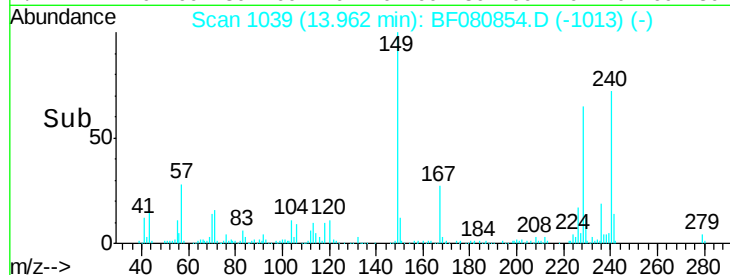
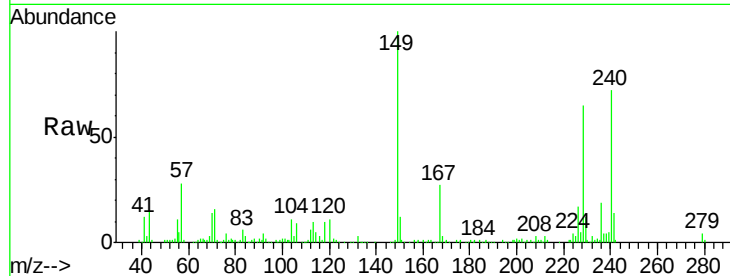
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 28.85 ng  
 RT: 13.96 min Scan# 1039  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 223151 |       |       |
| 167     | 27.4  | 21.8   | 32.8  |       |
| 279     | 3.7   | 3.0    | 4.4   |       |

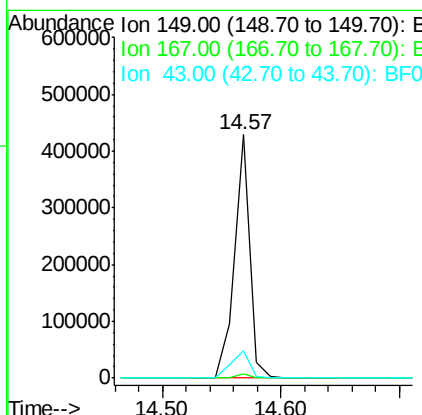
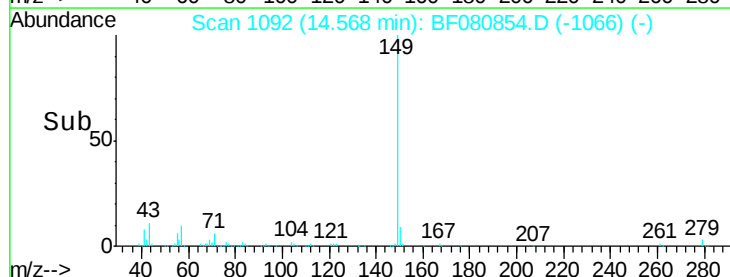
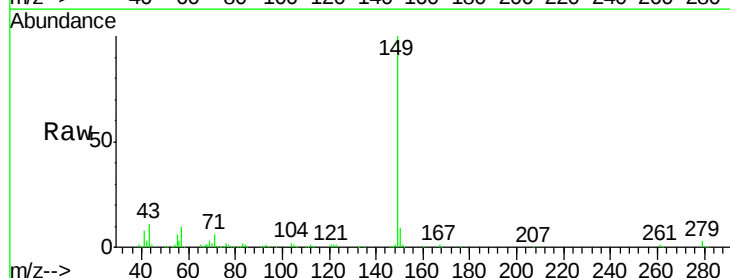
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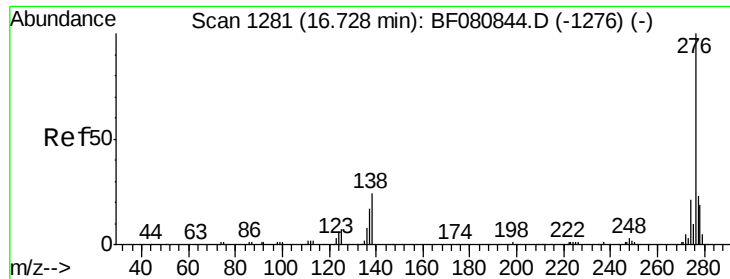
MMDadoda  
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#84  
 Di-n-octyl phthalate  
 Concen: 29.34 ng  
 RT: 14.57 min Scan# 1092  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 381405 |       |       |
| 167     | 1.5   | 1.1    | 1.7   |       |
| 43      | 13.3  | 10.3   | 15.5  |       |





#85

Indeno(1,2,3-cd)pyrene

Concen: 24.36 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF080854.D

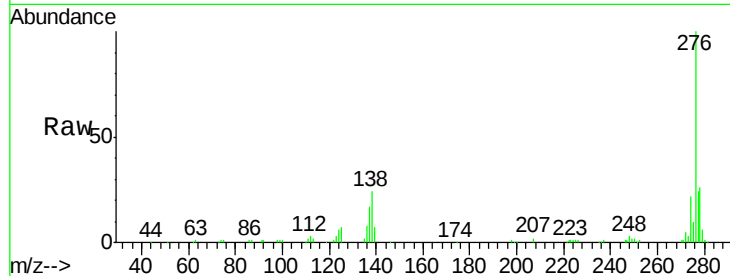
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

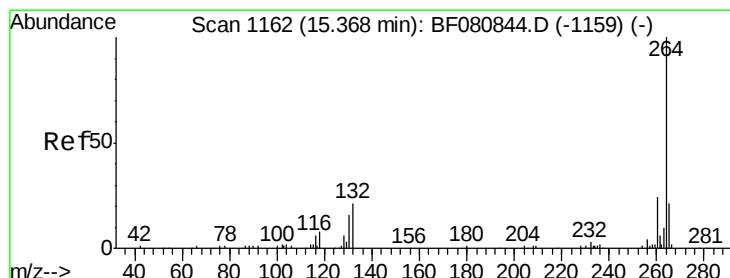
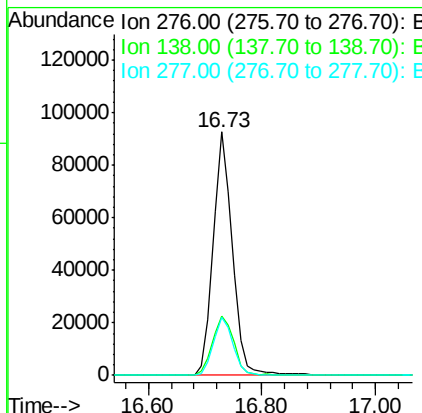
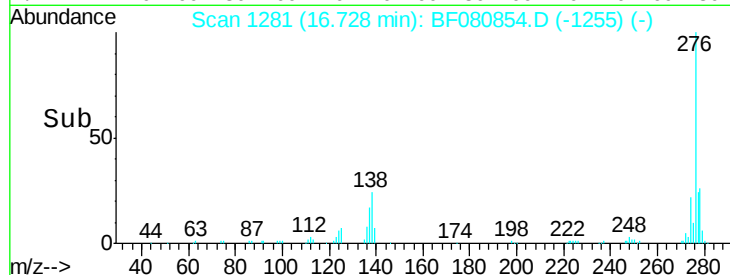
PB84838BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 215234 |       |       |
| 138     | 27.1  | 21.6   | 32.4  |       |
| 277     | 24.5  | 19.6   | 29.4  |       |

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#86

Perylene-d12

Concen: 20.00 ng

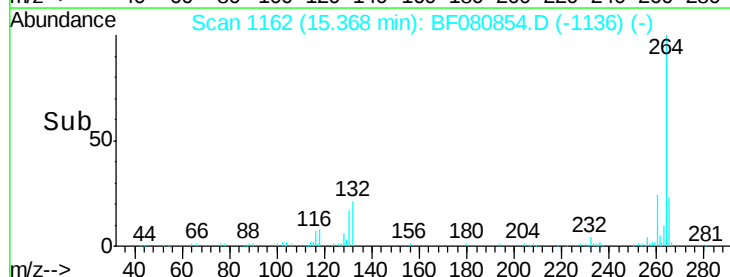
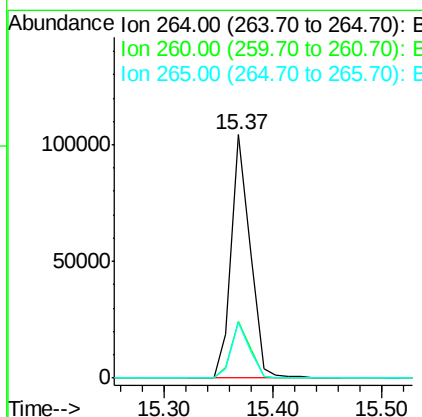
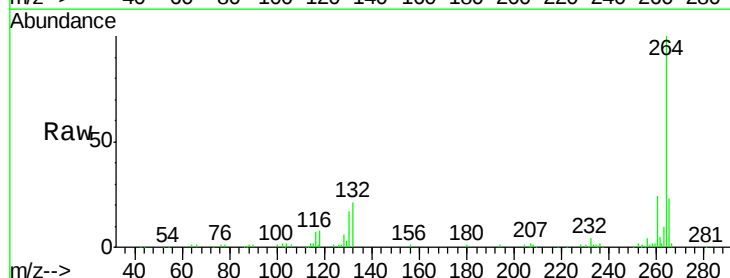
RT: 15.37 min Scan# 1162

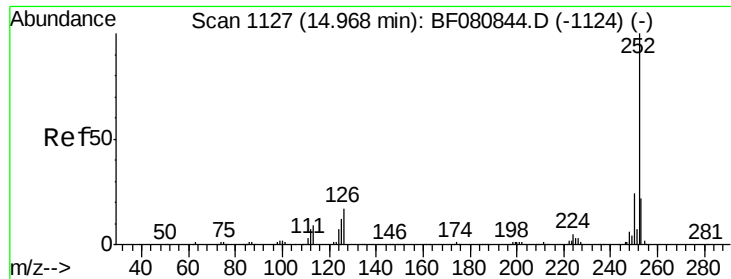
Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 125140 |       |       |
| 260     | 23.6  | 18.9   | 28.3  |       |
| 265     | 22.5  | 16.8   | 25.2  |       |





#87

Benzo(b)fluoranthene

Concen: 32.95 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF080854.D

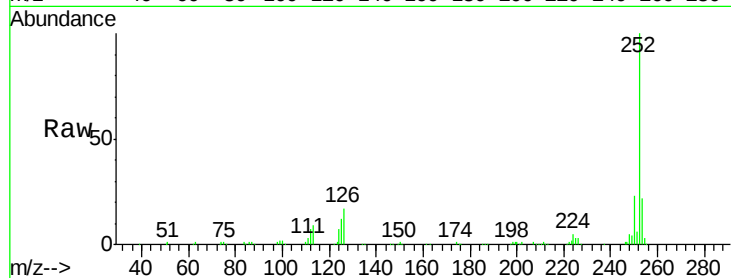
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

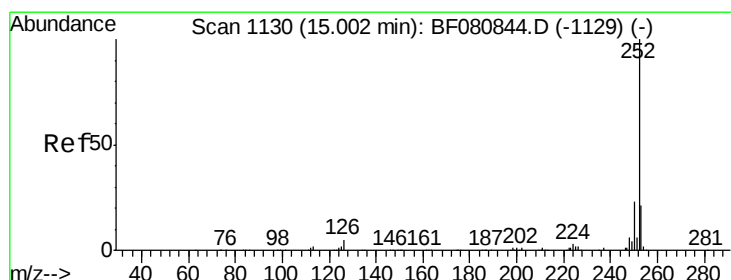
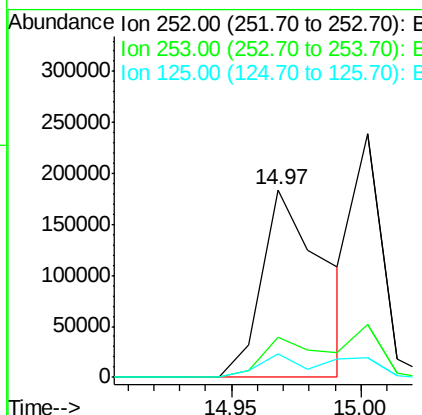
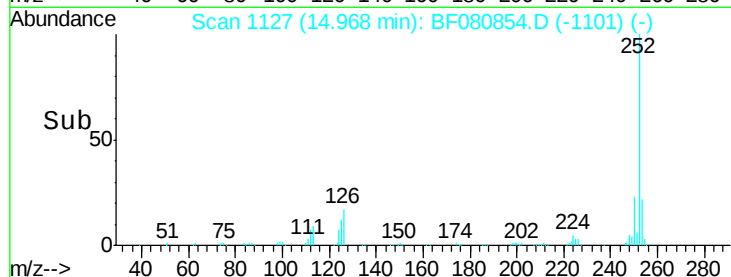
PB84838BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.4  | 26.0  |
| 125     | 12.3  | 9.8   | 14.8  |

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#88

Benzo(k)fluoranthene

Concen: 25.14 ng m

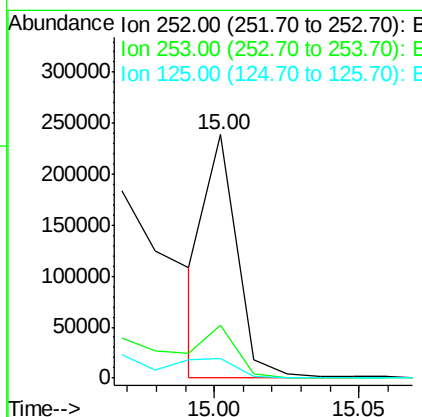
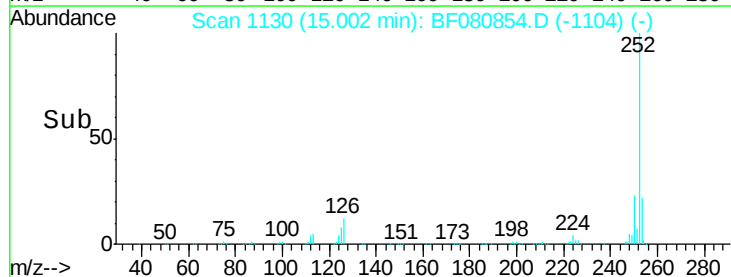
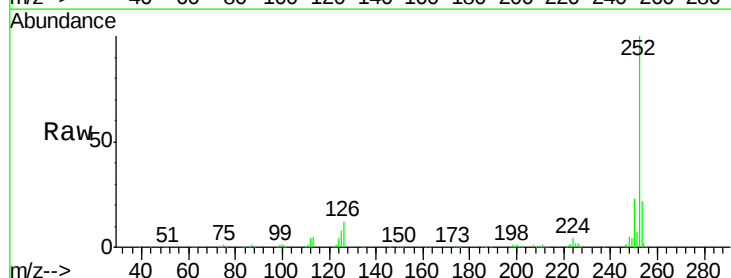
RT: 15.00 min Scan# 1130

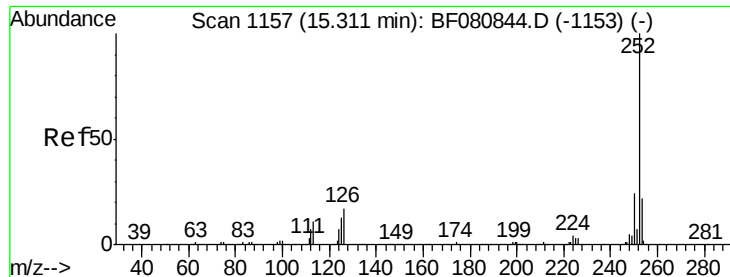
Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 16.9  | 25.3  |
| 125     | 8.1   | 7.0   | 10.6  |





#89

Benzo(a)pyrene

Concen: 29.45 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080854.D

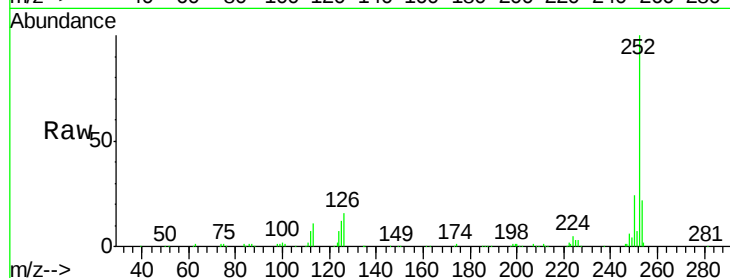
Acq: 4 Aug 2015 23:25

Instrument :

BNA\_F

ClientSampleId :

PB84838BS



Tgt Ion: 252 Resp: 224991

Ion Ratio Lower Upper

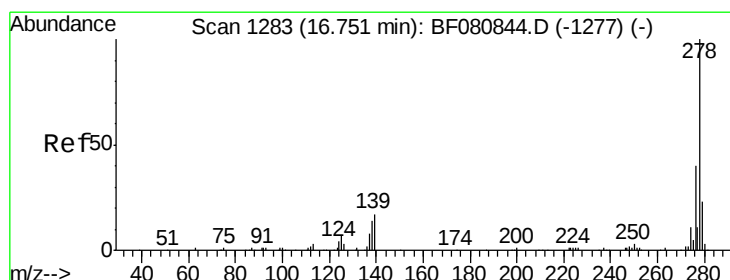
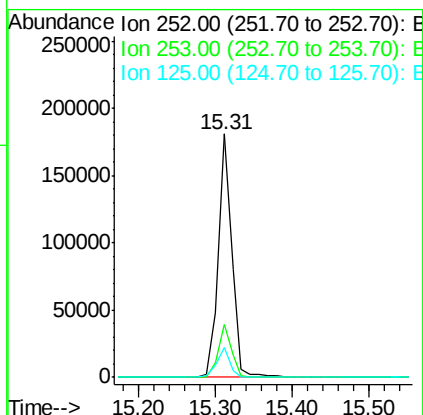
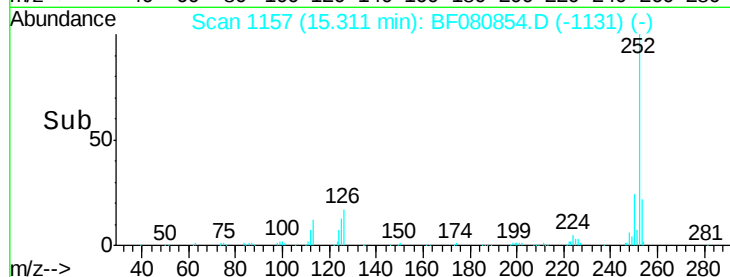
252 100

253 21.9 17.4 26.0

125 12.3 10.6 16.0

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#90

Dibenzo(a,h)anthracene

Concen: 27.03 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

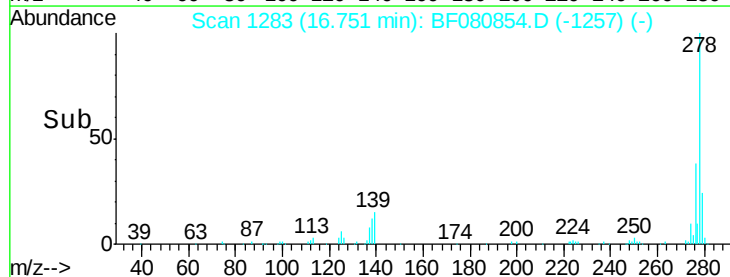
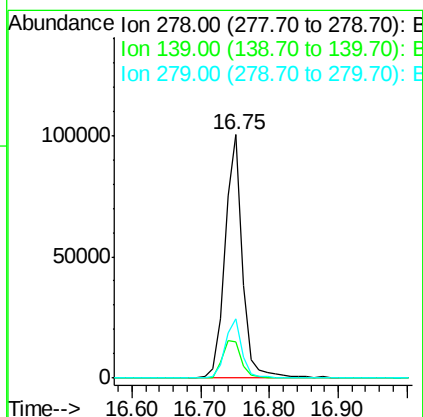
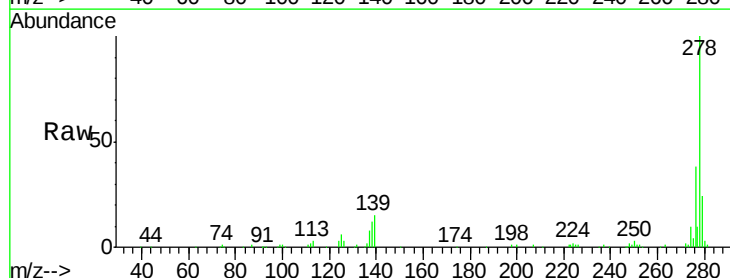
Tgt Ion: 278 Resp: 179391

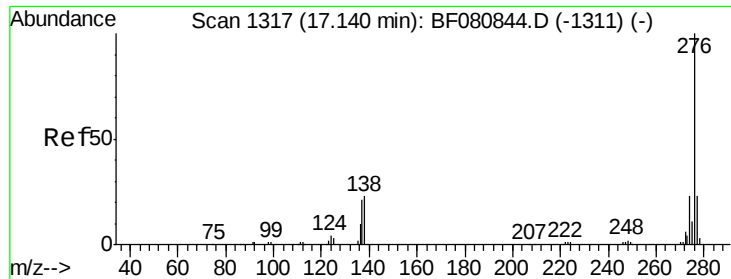
Ion Ratio Lower Upper

278 100

139 15.0 13.4 20.0

279 24.4 18.4 27.6





#91  
 Benzo(g,h,i)perylene  
 Concen: 27.57 ng  
 RT: 17.14 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: BF080854.D  
 Acq: 4 Aug 2015 23:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 176890 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.4 | 18.6  | 27.8   |
| 138       | 22.4 | 18.8  | 28.2   |

Manual Integrations  
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