

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021216\  
 Data File : BF085033.D  
 Acq On : 12 Feb 2016 1:25  
 Operator : SJ/IZ  
 Sample : PB88306BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88306BS

Manual Integrations  
 APPROVED

Sohil  
 2/12/2016 12:27:41 PM

Quant Time: Feb 12 04:29:48 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 10 13:28:51 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.60  | 152  | 139936   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 7.90  | 136  | 590075   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.64  | 164  | 271603   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.13 | 188  | 520178   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.76 | 240  | 331301   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.11 | 264  | 288566   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.21  | 112 | 1136079 | 126.45 | ng | 0.01  |
| 7) Phenol-d6             | 6.27  | 99  | 1340030 | 120.31 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.19  | 82  | 905356  | 86.43  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.44 | 330 | 387068  | 136.63 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 8.98  | 172 | 1538063 | 102.37 | ng | -0.01 |
| 78) Terphenyl-d14        | 12.72 | 244 | 1462593 | 100.04 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.14 | 88  | 138723  | 35.25 | ng | # 76   |
| 3) Pyridine                    | 2.76 | 79  | 411657  | 40.15 | ng | # 59   |
| 4) n-Nitrosodimethylamine      | 2.73 | 42  | 199598  | 37.64 | ng | 84     |
| 6) Aniline                     | 6.27 | 93  | 402615  | 29.54 | ng | # 86   |
| 8) 2-Chlorophenol              | 6.40 | 128 | 440935  | 43.36 | ng | 98     |
| 9) Benzaldehyde                | 6.15 | 77  | 106191  | 16.15 | ng | 96     |
| 10) Phenol                     | 6.28 | 94  | 586493  | 47.01 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.35 | 93  | 371417  | 38.17 | ng | # 83   |
| 12) 1,3-Dichlorobenzene        | 6.55 | 146 | 434368m | 40.43 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146 | 449536  | 41.85 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 6.78 | 146 | 366718  | 36.66 | ng | 96     |
| 15) Benzyl Alcohol             | 6.76 | 79  | 333855  | 43.41 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 617839  | 37.75 | ng | 93     |
| 17) 2-Methylphenol             | 6.89 | 107 | 326394  | 40.58 | ng | # 90   |
| 18) Hexachloroethane           | 7.12 | 117 | 168176  | 40.66 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.04 | 70  | 279690  | 40.06 | ng | # 73   |
| 20) 3+4-Methylphenols          | 7.05 | 107 | 435302  | 43.61 | ng | 90     |
| 22) Acetophenone               | 7.03 | 105 | 604381  | 38.86 | ng | # 98   |
| 24) Nitrobenzene               | 7.20 | 77  | 398343  | 35.51 | ng | 95     |
| 25) Isophorone                 | 7.45 | 82  | 810361  | 39.79 | ng | 97     |
| 26) 2-Nitrophenol              | 7.52 | 139 | 214262  | 38.73 | ng | # 83   |
| 27) 2,4-Dimethylphenol         | 7.58 | 122 | 412136  | 42.83 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 7.67 | 93  | 537207  | 44.46 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.77 | 162 | 372573  | 45.25 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.84 | 180 | 358210  | 38.52 | ng | 97     |
| 31) Naphthalene                | 7.92 | 128 | 1125378 | 38.02 | ng | 99     |
| 32) Benzoic acid               | 7.72 | 122 | 231108  | 37.55 | ng | 97     |
| 33) 4-Chloroaniline            | 7.98 | 127 | 283049  | 23.12 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.04 | 225 | 211709  | 39.48 | ng | 98     |
| 35) Caprolactam                | 8.36 | 113 | 113841m | 44.86 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.48 | 107 | 373467  | 39.76 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.62 | 142 | 827844  | 44.69 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 311501  | 36.11 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.76 | 237 | 264772  | 72.37 | ng | 98     |

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 QLast Update : Wed Feb 10 13:28:51 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.90  | 196  | 243399   | 43.80 | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 8.95  | 196  | 241573   | 42.78 | ng #  | 92       |
| 45) 1,1'-Biphenyl              | 9.08  | 154  | 970808   | 40.02 | ng    | 94       |
| 46) 2-Chloronaphthalene        | 9.10  | 162  | 694250   | 38.86 | ng    | 96       |
| 47) 2-Nitroaniline             | 9.21  | 65   | 245424   | 43.39 | ng #  | 63       |
| 48) Acenaphthylene             | 9.51  | 152  | 1054930  | 38.91 | ng    | 98       |
| 49) Dimethylphthalate          | 9.39  | 163  | 873088   | 42.21 | ng #  | 91       |
| 50) 2,6-Dinitrotoluene         | 9.45  | 165  | 180968   | 40.05 | ng #  | 60       |
| 51) Acenaphthene               | 9.68  | 154  | 674967   | 38.27 | ng    | 97       |
| 52) 3-Nitroaniline             | 9.62  | 138  | 159635   | 31.44 | ng #  | 72       |
| 53) 2,4-Dinitrophenol          | 9.74  | 184  | 149347   | 72.21 | ng #  | 82       |
| 54) Dibenzofuran               | 9.86  | 168  | 998626   | 46.33 | ng    | 97       |
| 55) 4-Nitrophenol              | 9.80  | 139  | 244277   | 65.45 | ng #  | 78       |
| 56) 2,4-Dinitrotoluene         | 9.86  | 165  | 243605   | 42.26 | ng #  | 76       |
| 57) Fluorene                   | 10.19 | 166  | 730913   | 40.60 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.99  | 232  | 194860   | 45.33 | ng #  | 86       |
| 59) Diethylphthalate           | 10.09 | 149  | 861288   | 42.64 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.19 | 204  | 345110   | 45.75 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.24 | 138  | 219380   | 44.33 | ng #  | 80       |
| 62) Azobenzene                 | 10.35 | 77   | 930113   | 47.89 | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.26 | 198  | 111514   | 34.73 | ng #  | 57       |
| 65) n-Nitrosodiphenylamine     | 10.32 | 169  | 734204   | 44.45 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.68 | 248  | 239717   | 41.72 | ng    | 96       |
| 67) Hexachlorobenzene          | 10.74 | 284  | 250447   | 40.01 | ng #  | 91       |
| 68) Atrazine                   | 10.86 | 200  | 258477   | 49.55 | ng    | 95       |
| 69) Pentachlorophenol          | 10.95 | 266  | 214965   | 73.06 | ng    | 99       |
| 70) Phenanthrene               | 11.15 | 178  | 1201550  | 41.65 | ng    | 97       |
| 71) Anthracene                 | 11.20 | 178  | 1135816  | 39.07 | ng    | 99       |
| 72) Carbazole                  | 11.37 | 167  | 1060334  | 41.83 | ng #  | 96       |
| 73) Di-n-butylphthalate        | 11.70 | 149  | 1185350  | 36.73 | ng #  | 97       |
| 74) Fluoranthene               | 12.33 | 202  | 1079232  | 36.96 | ng    | 99       |
| 76) Benzidine                  | 12.47 | 184  | 509952   | 44.42 | ng    | 98       |
| 77) Pyrene                     | 12.56 | 202  | 1098718  | 43.32 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.20 | 149  | 521051   | 45.28 | ng #  | 82       |
| 80) Benzo(a)anthracene         | 13.75 | 228  | 883890   | 42.99 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.71 | 252  | 158400   | 21.76 | ng #  | 95       |
| 82) Chrysene                   | 13.78 | 228  | 696293   | 34.92 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.76 | 149  | 663852   | 46.36 | ng #  | 96       |
| 84) Di-n-octyl phthalate       | 14.37 | 149  | 998632   | 42.27 | ng #  | 90       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.37 | 276  | 790055   | 50.34 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 14.75 | 252  | 919086m  | 47.40 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.78 | 252  | 517713m  | 32.29 | ng    |          |
| 89) Benzo(a)pyrene             | 15.06 | 252  | 679185   | 41.11 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.38 | 278  | 647535   | 46.56 | ng #  | 94       |
| 91) Benzo(g,h,i)perylene       | 16.74 | 276  | 669046   | 47.76 | ng #  | 95       |

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

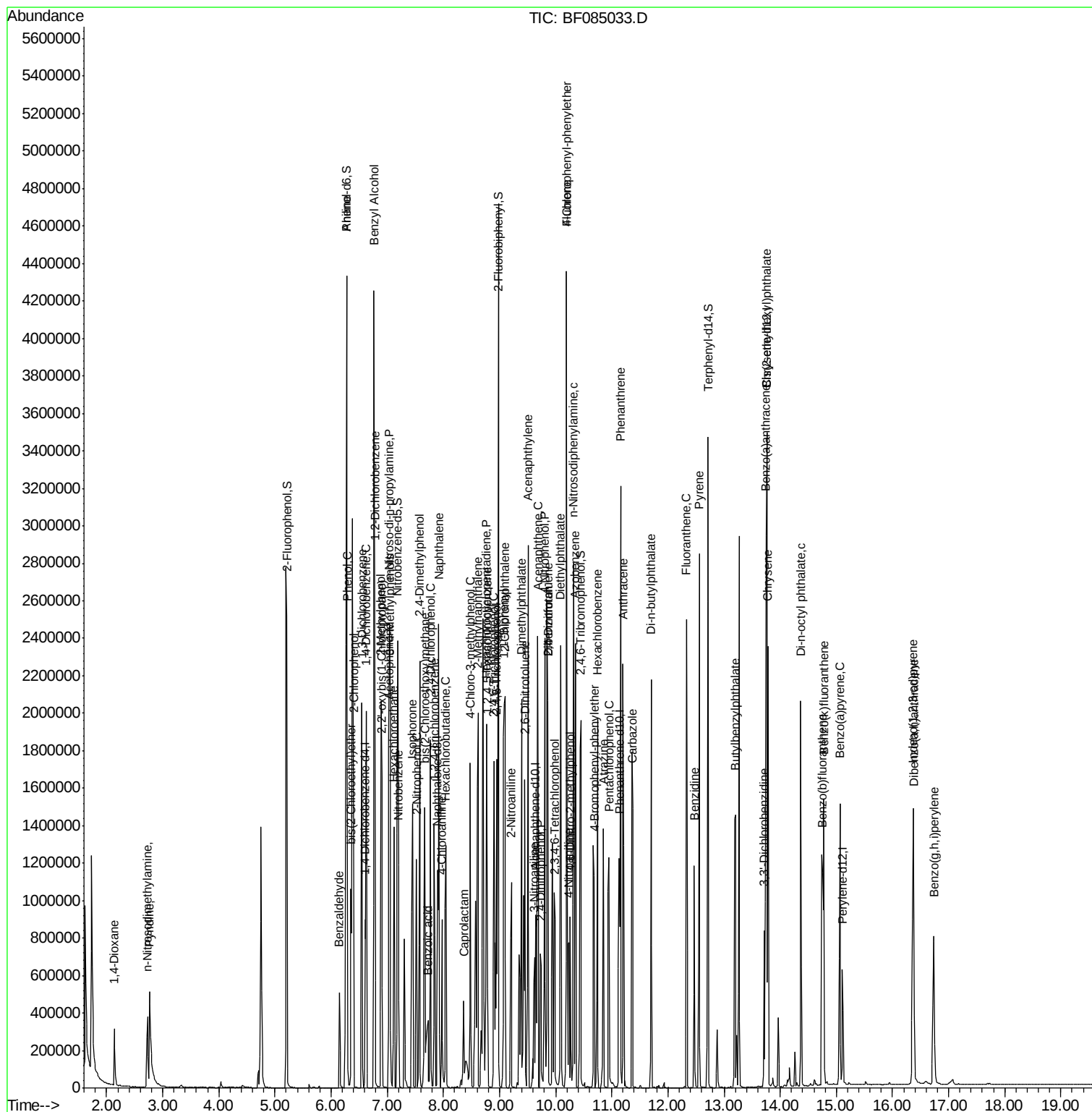
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021216\  
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

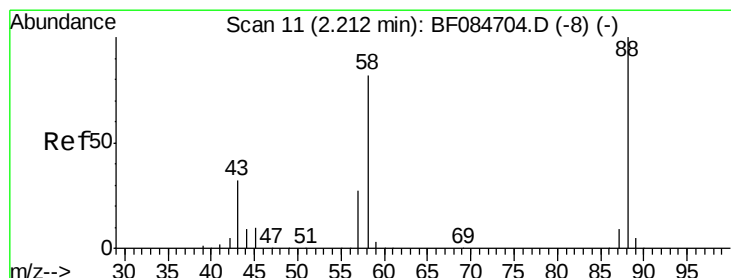
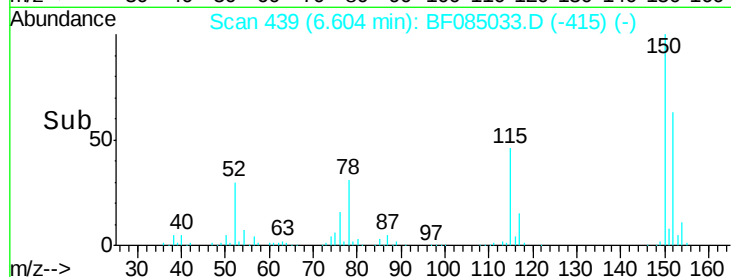
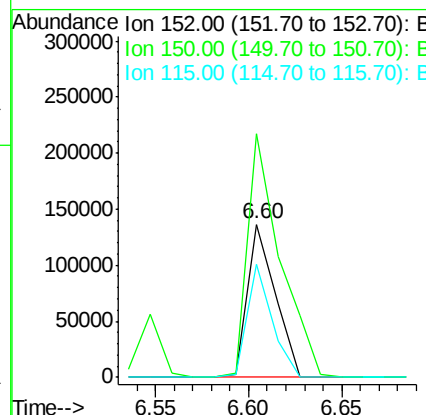
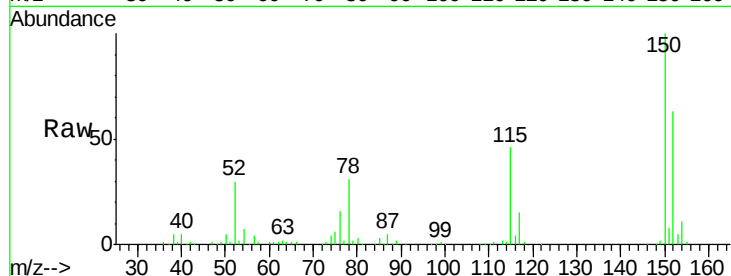
ClientSampleId :

PB88306BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 139936 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 159.3 | 123.0 | 184.4  |
| 115       | 73.6  | 51.4  | 77.2   |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 35.25 ng

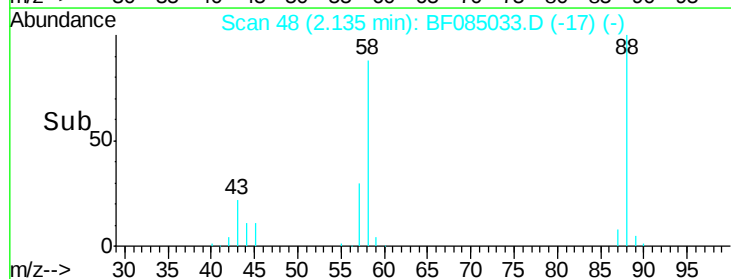
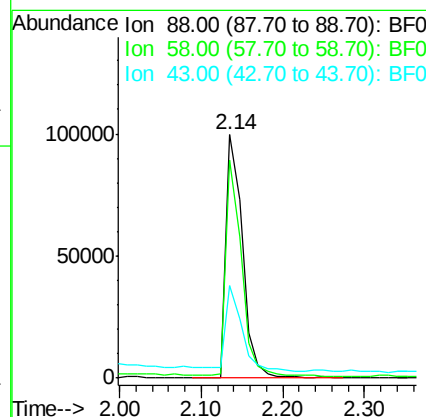
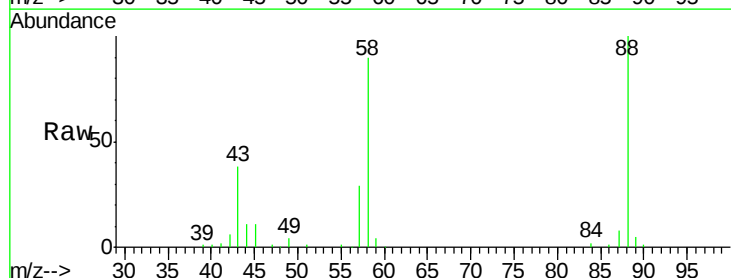
RT: 2.14 min Scan# 48

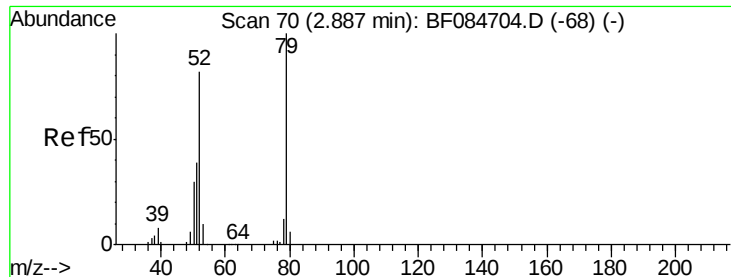
Delta R.T. 0.06 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 138723 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 83.6  | 51.2  | 76.8#  |
| 43        | 34.5  | 19.5  | 29.3#  |





#3

Pyridine

Concen: 40.15 ng

RT: 2.76 min Scan# 103

Delta R.T. 0.05 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

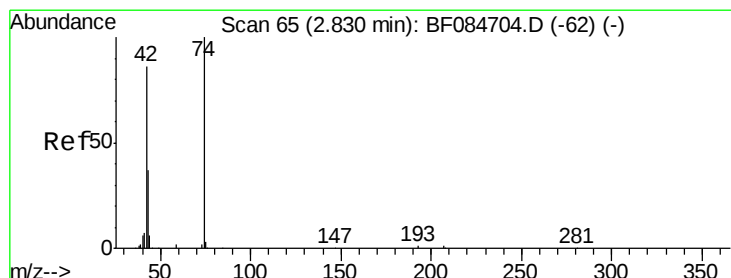
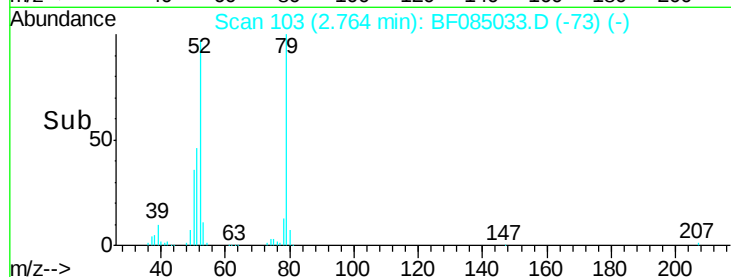
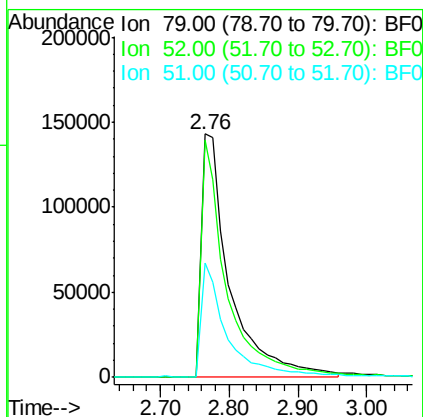
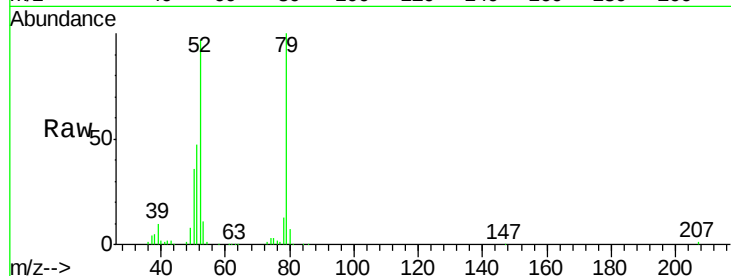
ClientSampleId :

PB88306BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 411657 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 97.5  | 49.0  | 73.4#  |
| 51        | 47.0  | 25.2  | 37.8#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.64 ng

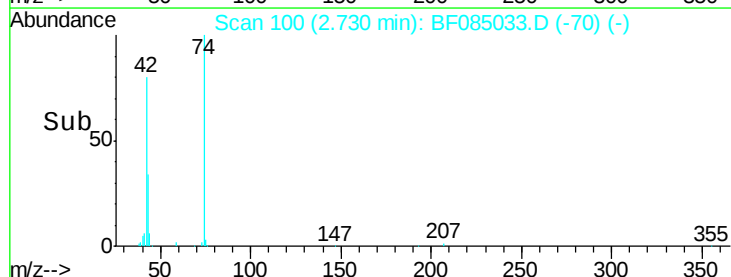
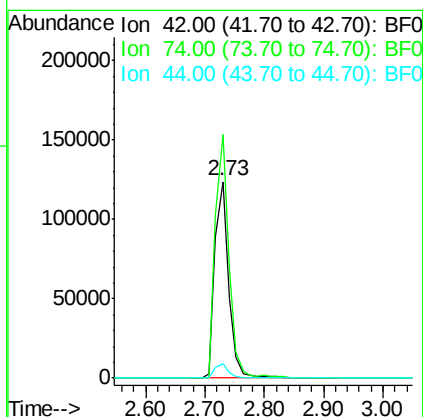
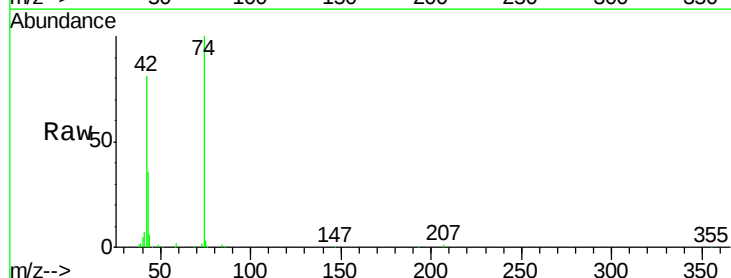
RT: 2.73 min Scan# 100

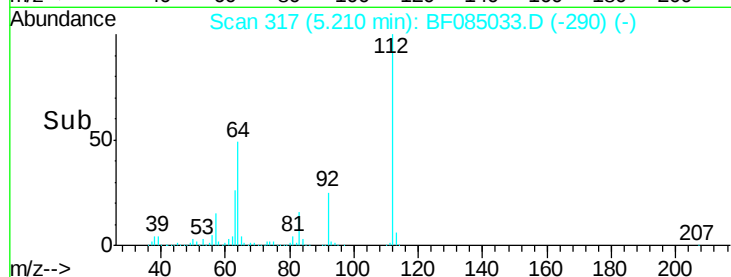
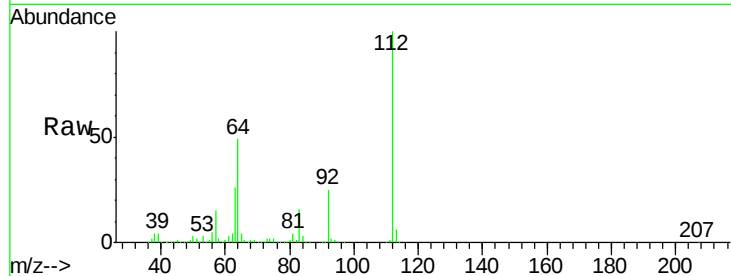
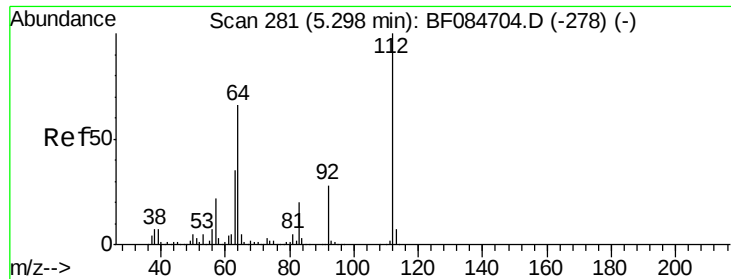
Delta R.T. 0.05 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 199598 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 124.1 | 115.7 | 173.5  |
| 44        | 7.4   | 5.1   | 7.7    |





#5

2-Fluorophenol

Concen: 126.45 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

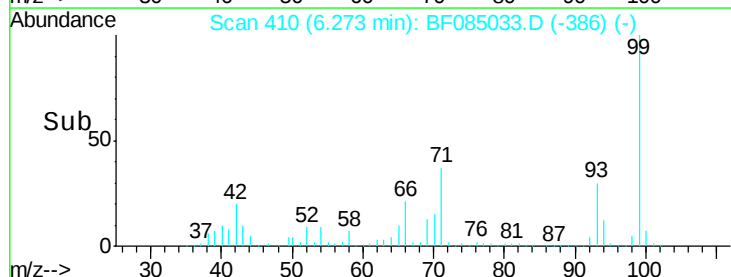
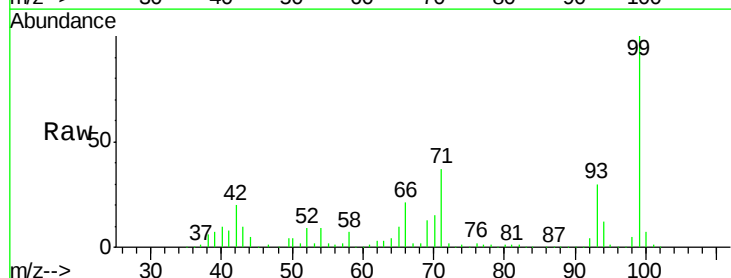
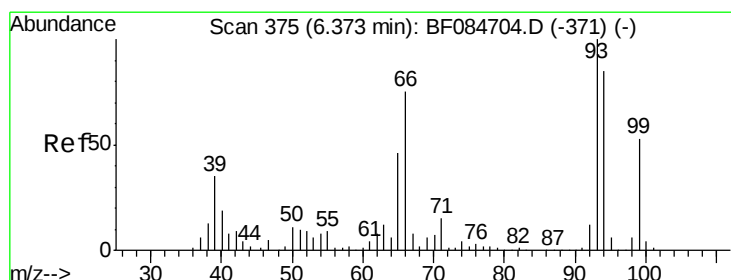
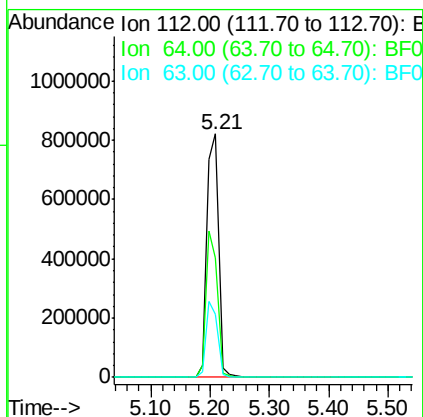
ClientSampled :

PB88306BS

Manual Integrations  
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2/12/2016 12:27:41 PM

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1136079 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 49.2  | 36.6  | 55.0    |
| 63       | 25.7  | 19.4  | 29.0    |



#6

Aniline

Concen: 29.54 ng

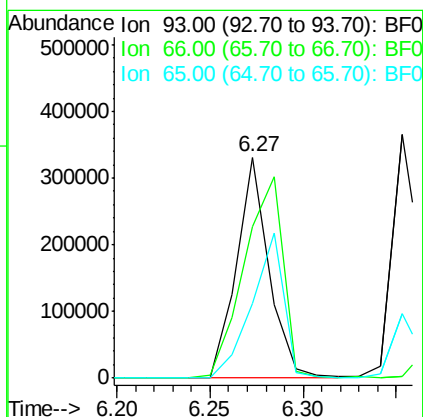
RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 402615 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 68.2  | 44.9  | 67.3#  |
| 65       | 33.8  | 23.7  | 35.5   |





#7

Phenol-d6

Concen: 120.31 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

ClientSampleId :

PB88306BS

Tgt Ion: 99 Resp: 1340030

Ion Ratio Lower Upper

99 100

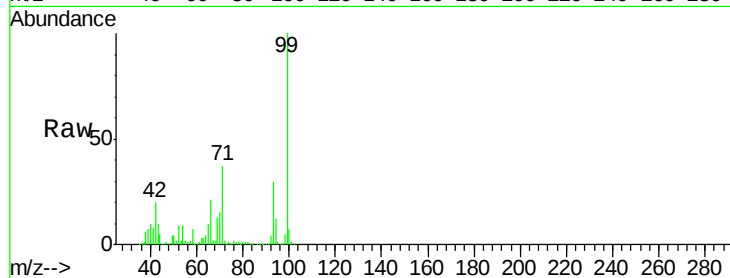
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71 36.7 30.9 46.3

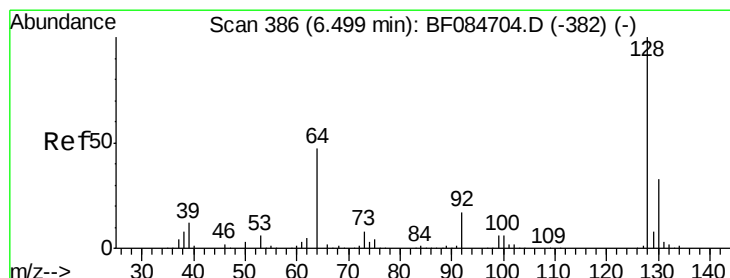
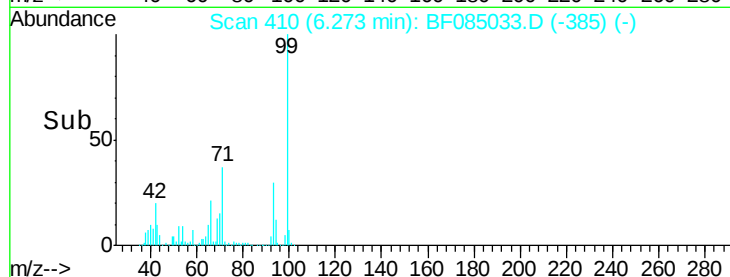
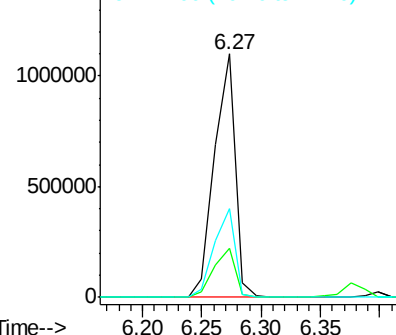
Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.36 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

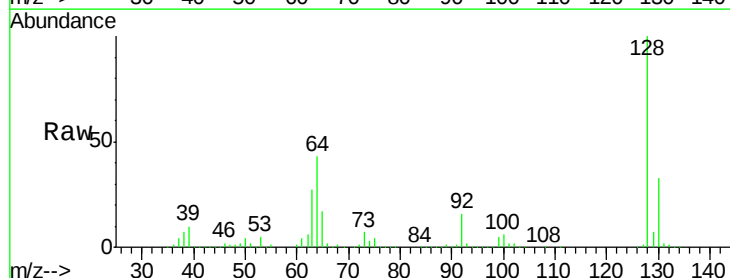
Tgt Ion: 128 Resp: 440935

Ion Ratio Lower Upper

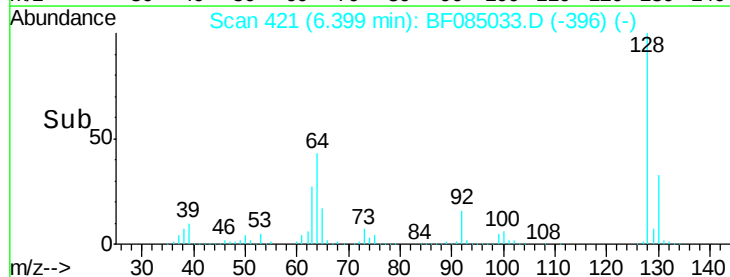
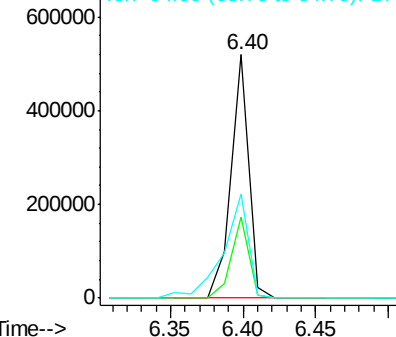
128 100

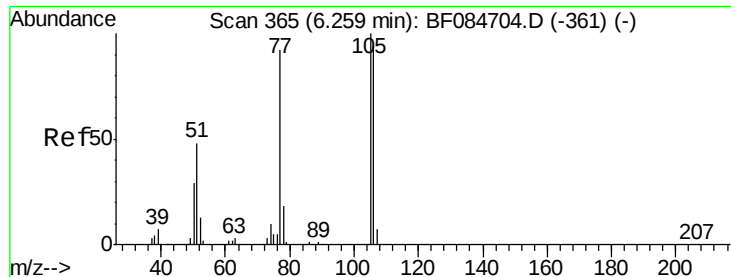
130 33.0 11.6 51.6

64 42.6 23.8 63.8



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





#9

Benzaldehyde

Concen: 16.15 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF085033.D

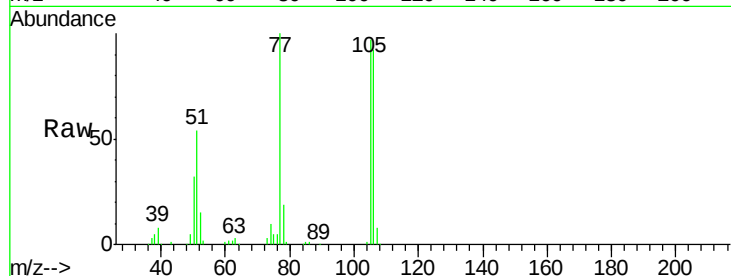
Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

ClientSampled :

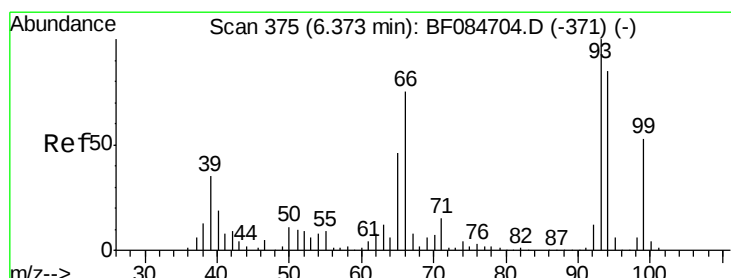
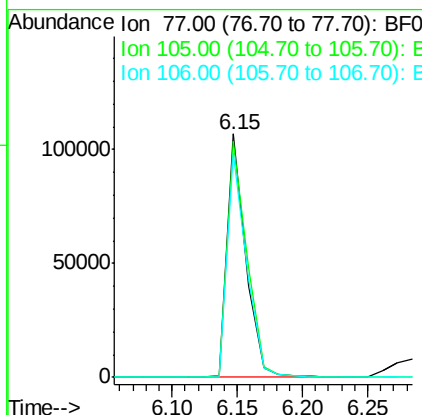
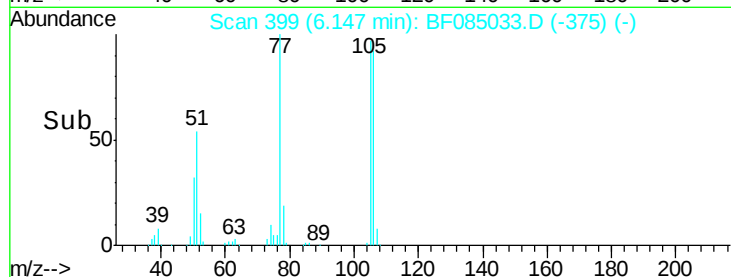
PB88306BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 106191 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 96.9  | 83.0  | 123.0  |
| 106       | 92.2  | 74.6  | 114.6  |

Manual Integrations  
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2/12/2016 12:27:41 PM



#10

Phenol

Concen: 47.01 ng

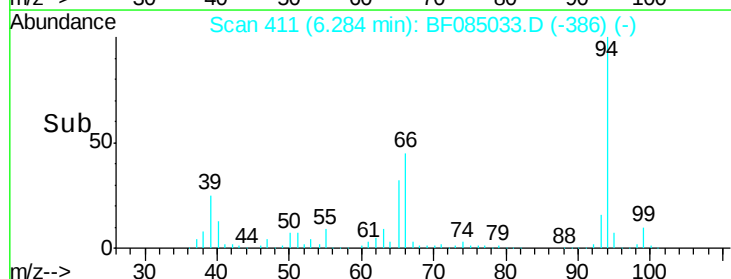
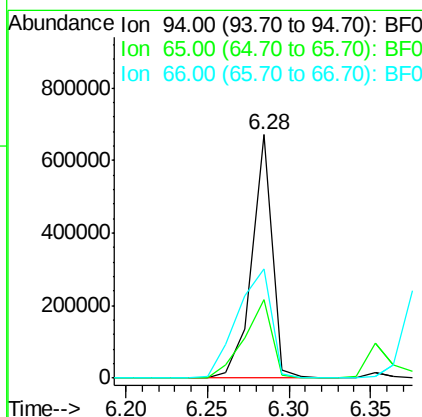
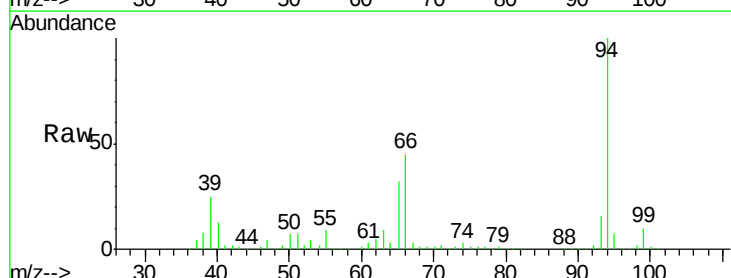
RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 586493 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 32.4  | 12.9  | 52.9   |
| 66        | 45.0  | 32.7  | 72.7   |





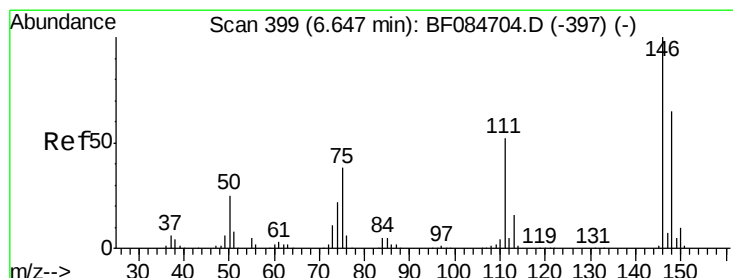
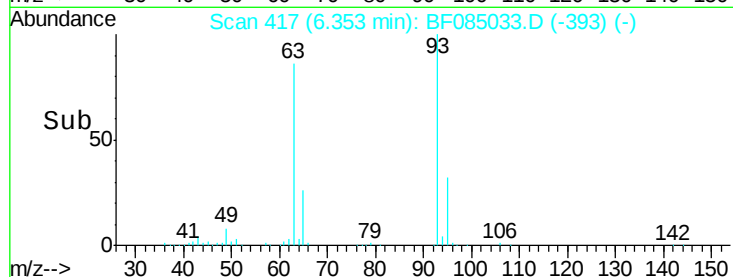
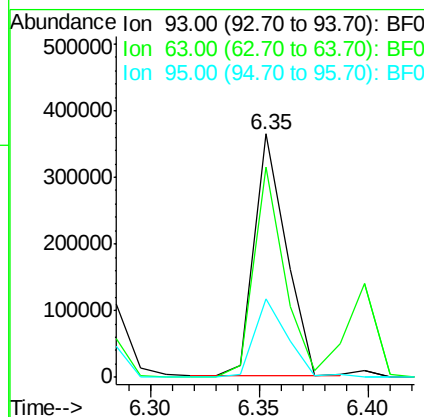
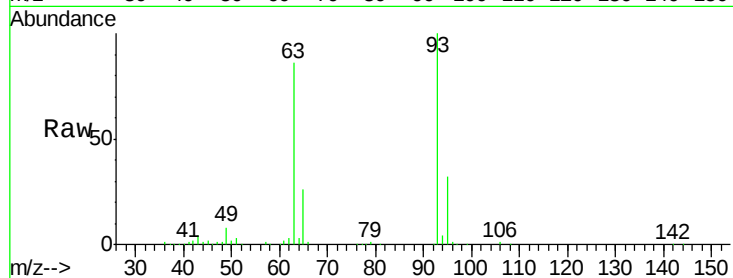
#11  
bis(2-Chloroethyl)ether  
Concen: 38.17 ng  
RT: 6.35 min Scan# 417  
Delta R.T. -0.02 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 63      | 86.4  | 45.9       | 85.9#      |
| 95      | 32.1  | 12.3       | 52.3       |

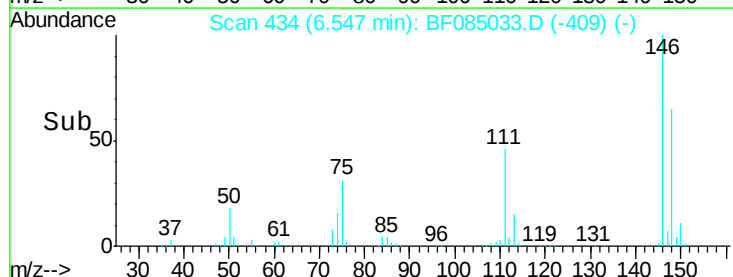
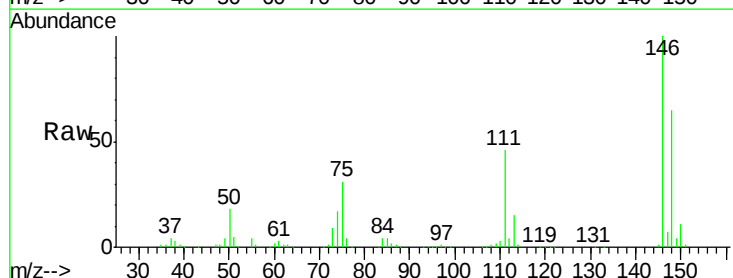
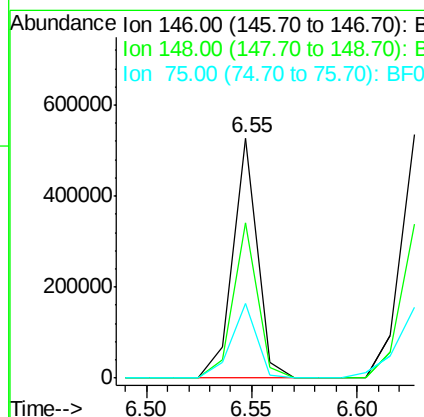
Manual Integrations  
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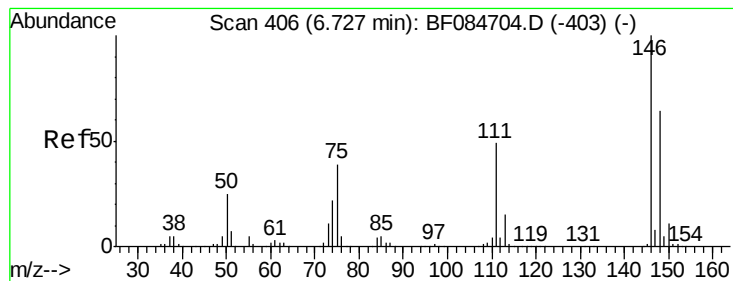
Sohil  
2/12/2016 12:27:41 PM



#12  
1,3-Dichlorobenzene  
Concen: 40.43 ng m  
RT: 6.55 min Scan# 434  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 146     | 100   |            |            |
| 148     | 64.7  | 51.9       | 77.9       |
| 75      | 31.0  | 20.5       | 30.7#      |





#13

1,4-Dichlorobenzene

Concen: 41.85 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

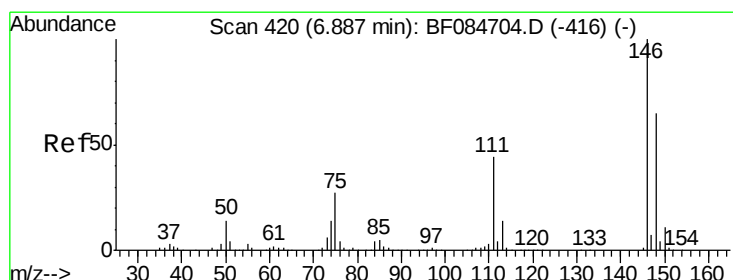
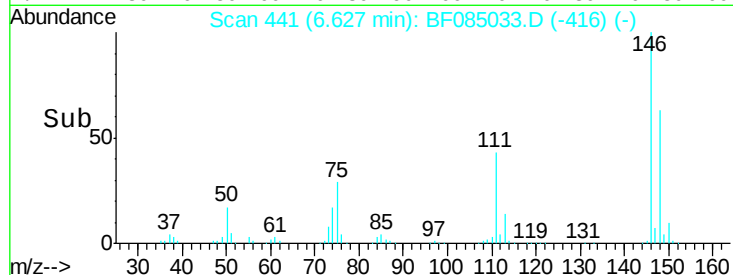
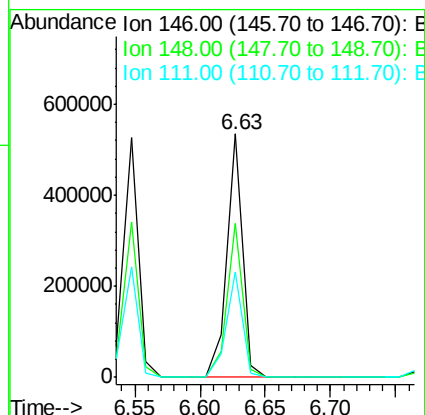
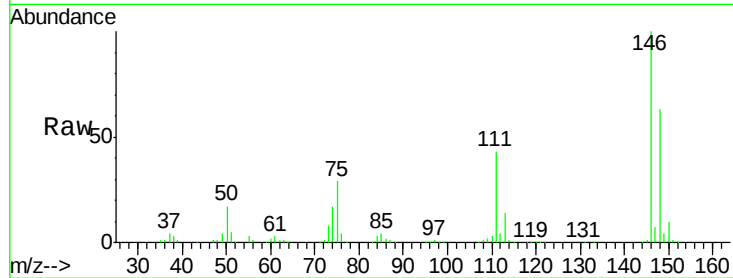
ClientSampled :

PB88306BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 449536 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 51.9  | 77.9   |
| 111       | 43.1  | 41.6  | 62.4   |

Manual Integrations  
APPROVED

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#14

1,2-Dichlorobenzene

Concen: 36.66 ng

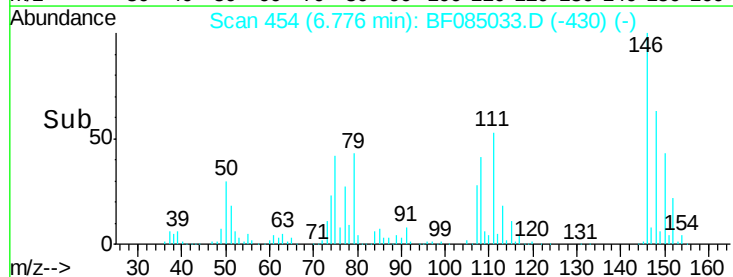
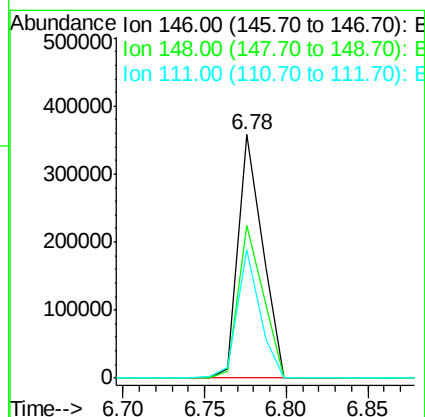
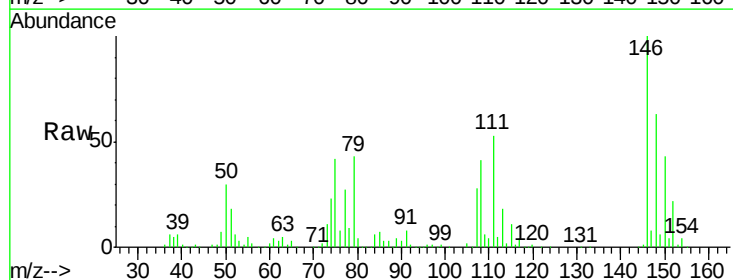
RT: 6.78 min Scan# 454

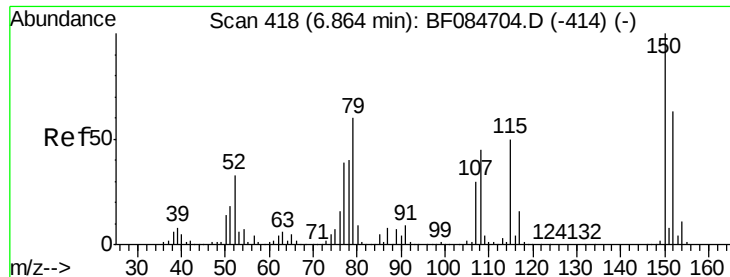
Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 366718 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.9  | 51.6  | 77.4   |
| 111       | 52.5  | 38.0  | 57.0   |





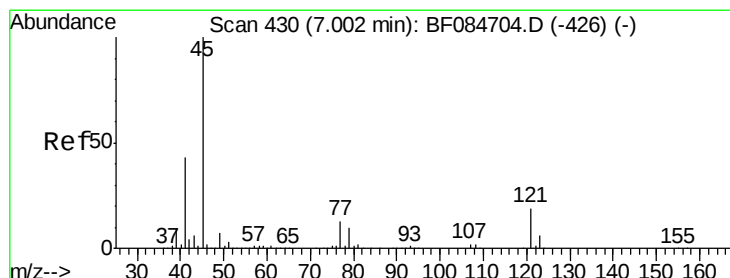
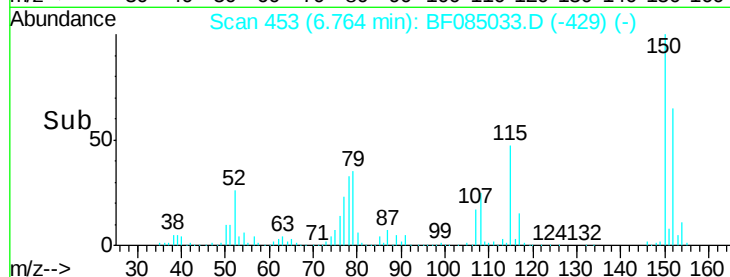
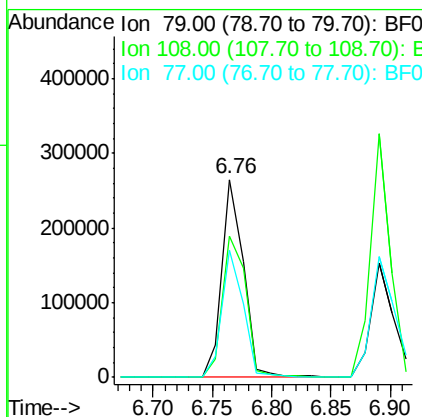
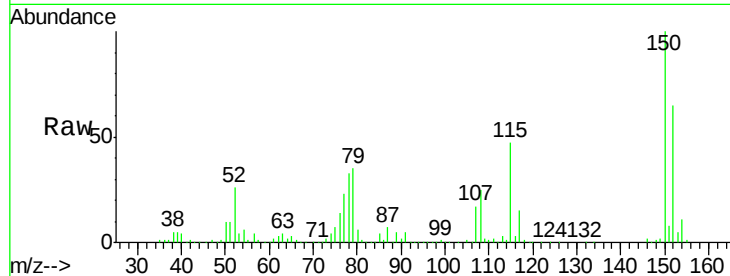
#15  
Benzyl Alcohol  
Concen: 43.41 ng  
RT: 6.76 min Scan# 453  
Delta R.T. -0.02 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 333855 |       |       |
| 108     | 71.5  | 69.0   | 103.4 |       |
| 77      | 64.2  | 50.0   | 75.0  |       |

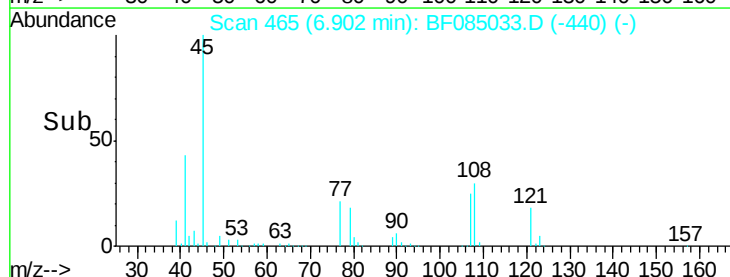
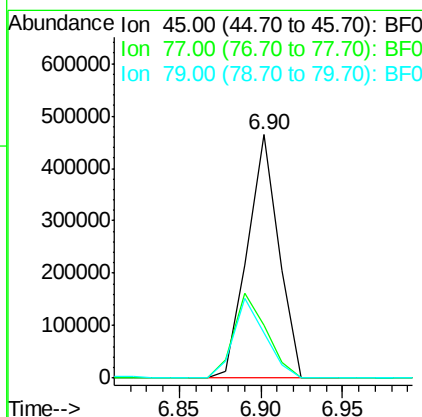
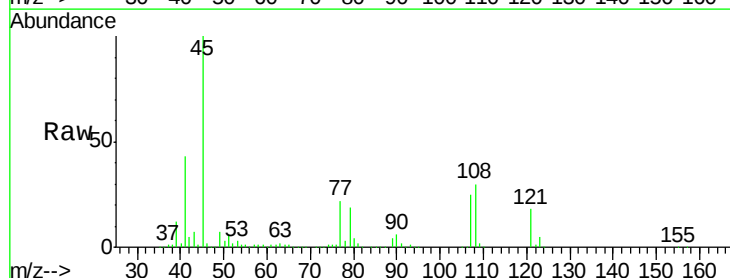
Manual Integrations  
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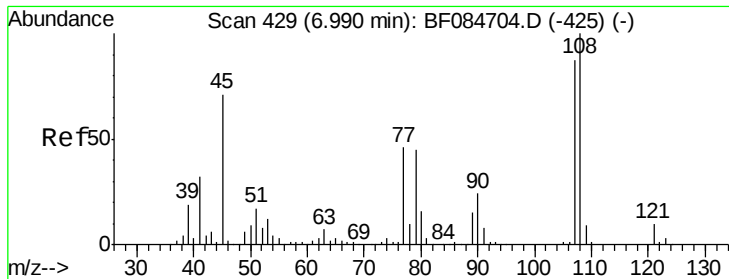
Sohil  
2/12/2016 12:27:41 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.75 ng  
RT: 6.90 min Scan# 465  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

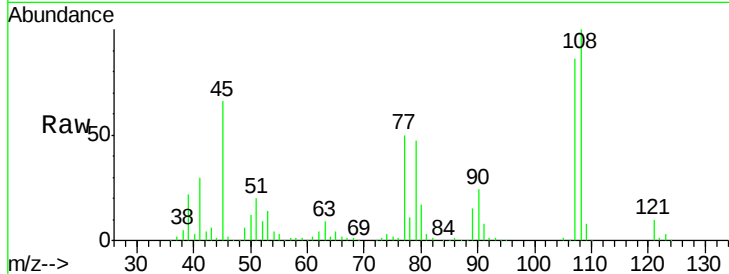
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 617839 |       |       |
| 77      | 21.7  | 0.0    | 39.6  |       |
| 79      | 18.7  | 0.0    | 35.0  |       |





#17  
2-Methylphenol  
Concen: 40.58 ng  
RT: 6.89 min Scan# 464  
Delta R.T. -0.02 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

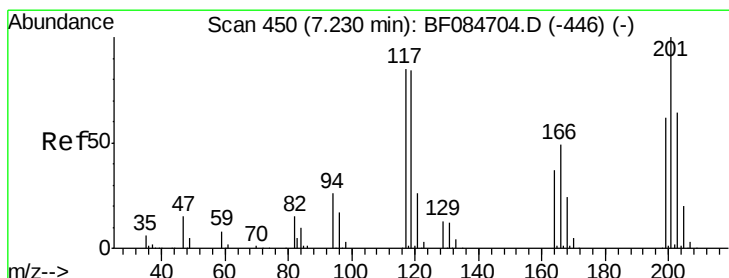
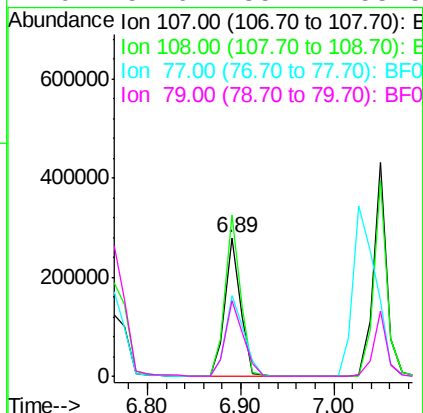
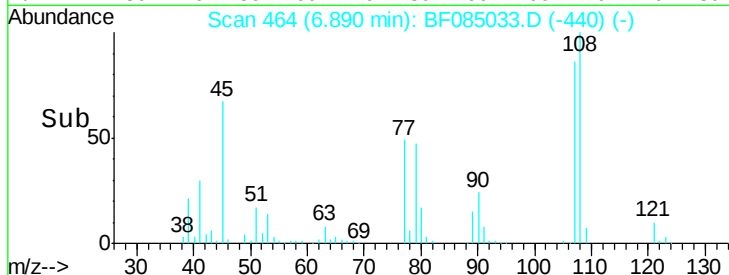
Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 108     | 116.4 | 89.8       | 134.6      |
| 77      | 57.8  | 35.7       | 53.5#      |
| 79      | 54.6  | 35.7       | 53.5#      |

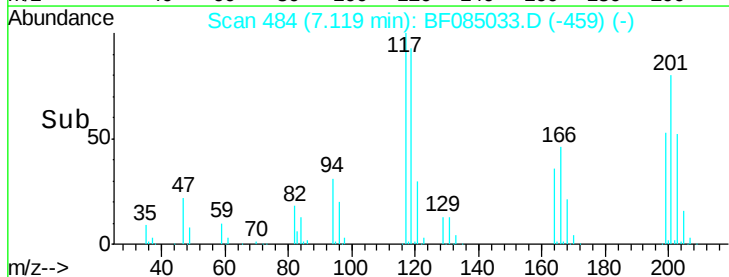
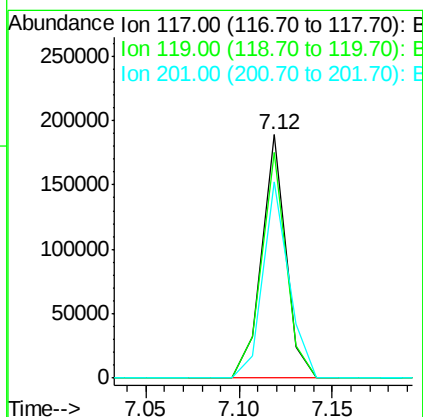
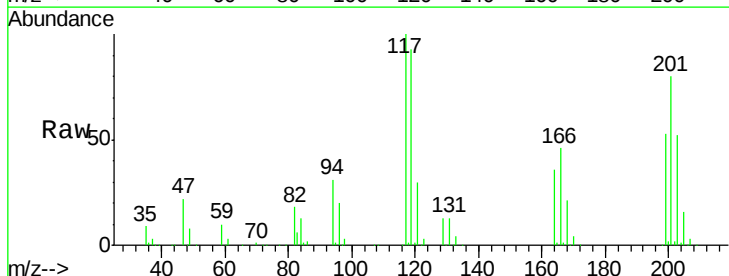
Manual Integrations  
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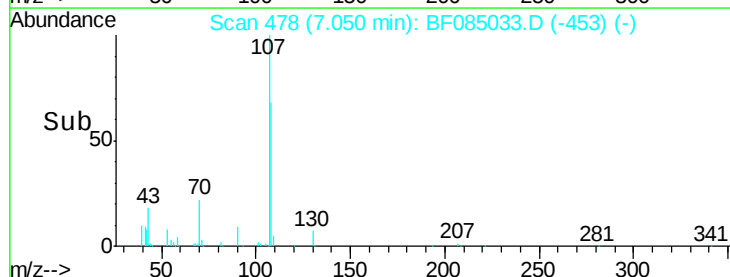
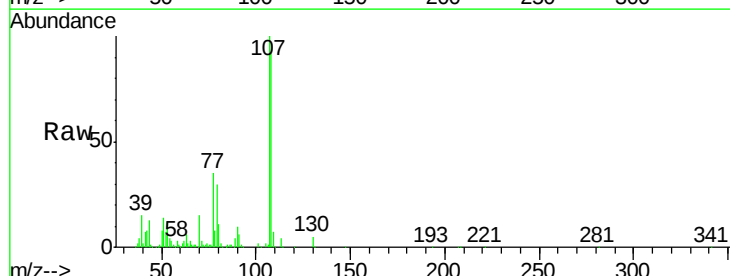
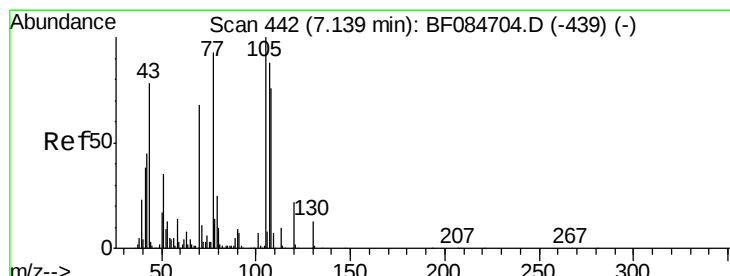
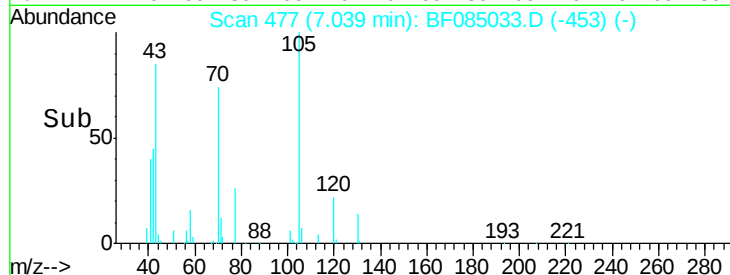
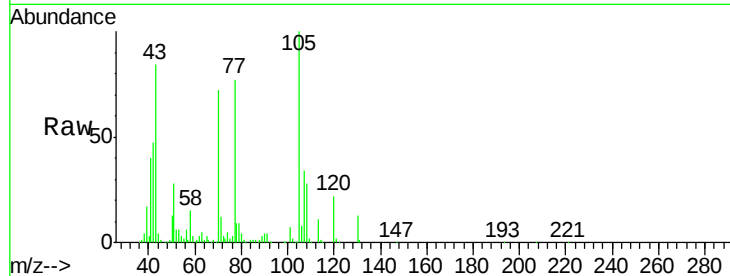
Sohil  
2/12/2016 12:27:41 PM



#18  
Hexachloroethane  
Concen: 40.66 ng  
RT: 7.12 min Scan# 484  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 119     | 92.8  | 77.4       | 116.0      |
| 201     | 80.5  | 68.6       | 103.0      |





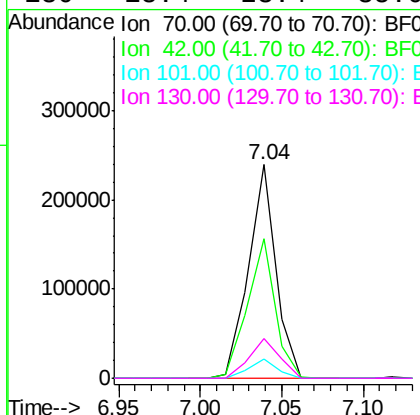
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.06 ng  
RT: 7.04 min Scan# 477  
Delta R.T. -0.02 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 70      | 100   |            |            |
| 42      | 65.6  | 33.3       | 49.9#      |
| 101     | 9.0   | 9.3        | 13.9#      |
| 130     | 18.4  | 23.4       | 35.0#      |

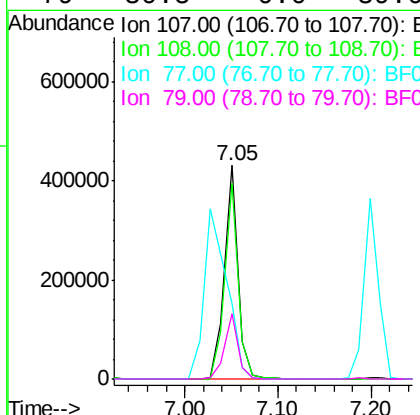
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 43.61 ng  
RT: 7.05 min Scan# 478  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 108     | 92.0  | 74.6       | 114.6      |
| 77      | 35.5  | 0.7        | 40.7       |
| 79      | 30.5  | 0.0        | 39.0       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085033.D

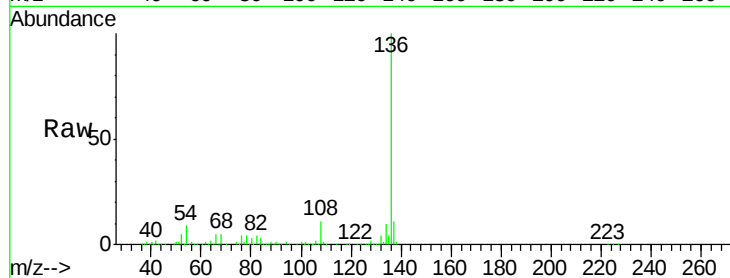
Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

ClientSampleId :

PB88306BS



Tgt Ion:136 Resp: 590075

Ion Ratio Lower Upper

136 100

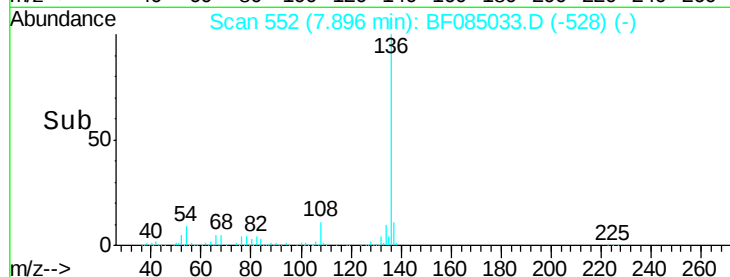
137 11.5 8.7 13.1

54 9.2 5.8 8.8#

68 5.3 4.2 6.2

Manual Integrations  
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2/12/2016 12:27:41 PM

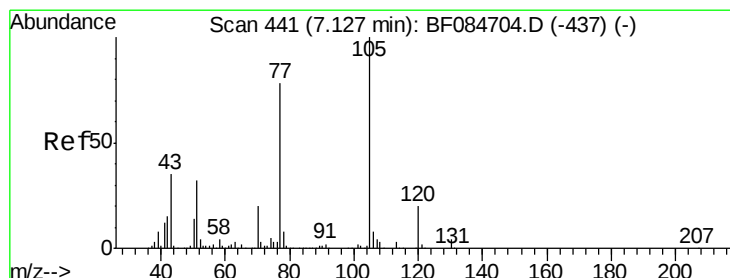
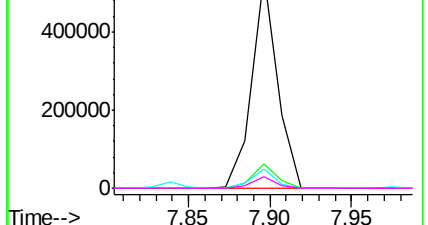


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

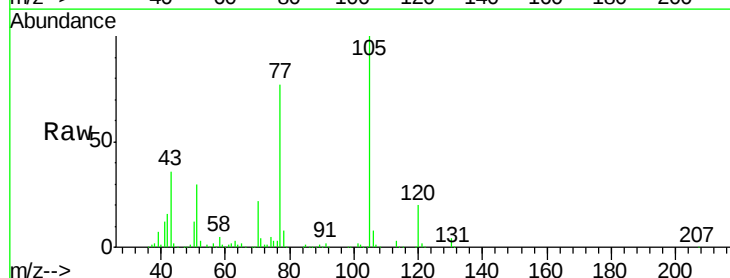
Concen: 38.86 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25



Tgt Ion:105 Resp: 604381

Ion Ratio Lower Upper

105 100

71 3.7 3.7 5.5#

51 30.4 25.1 37.7

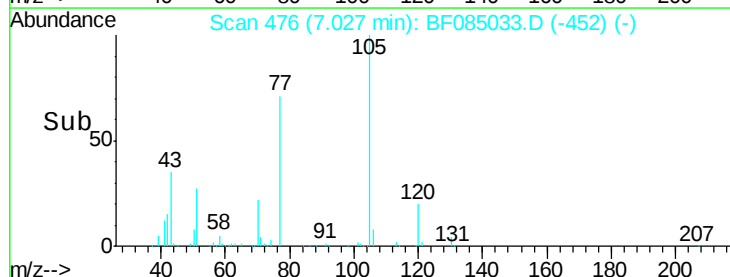
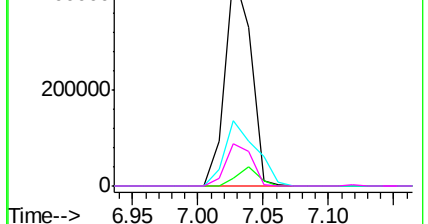
120 19.8 16.6 25.0

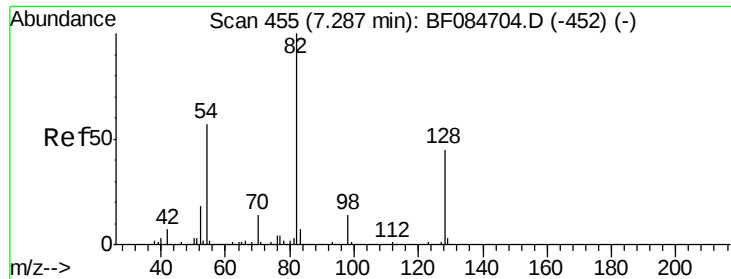
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





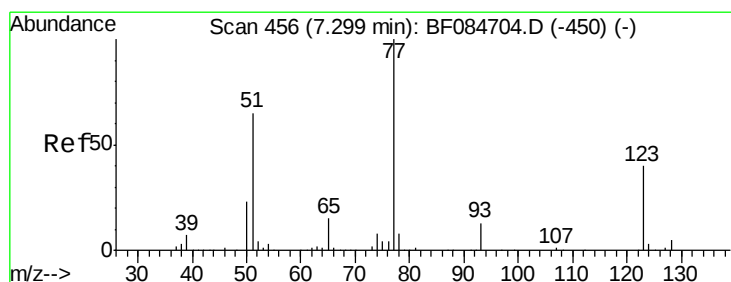
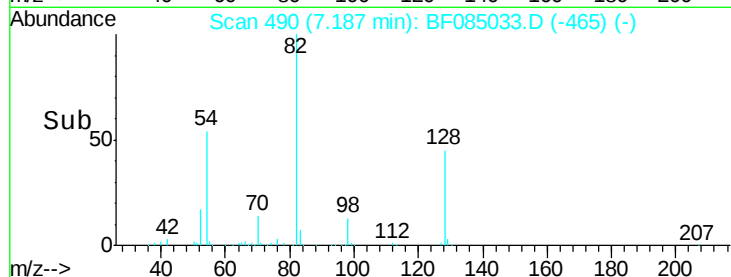
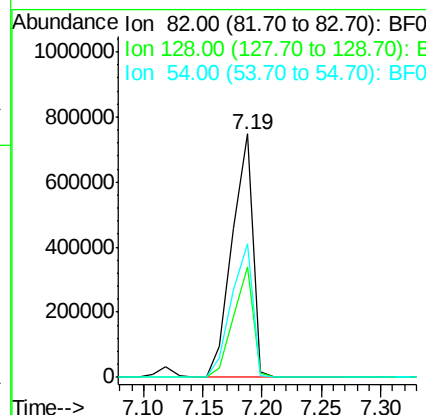
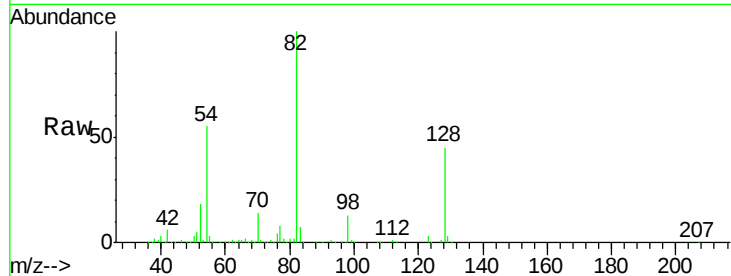
#23  
 Nitrobenzene-d5  
 Concen: 86.43 ng  
 RT: 7.19 min Scan# 490  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88306BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 45.1  | 34.6       | 51.8  |
| 54      | 55.0  | 38.4       | 57.6  |

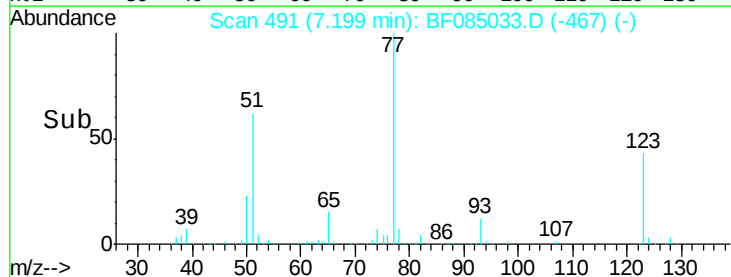
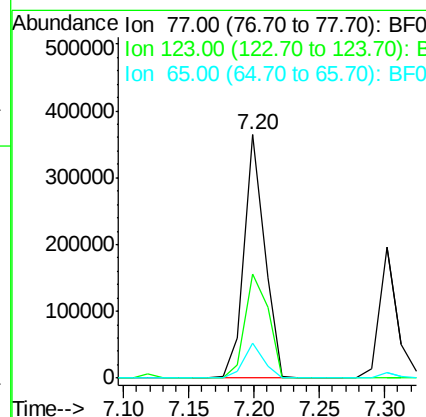
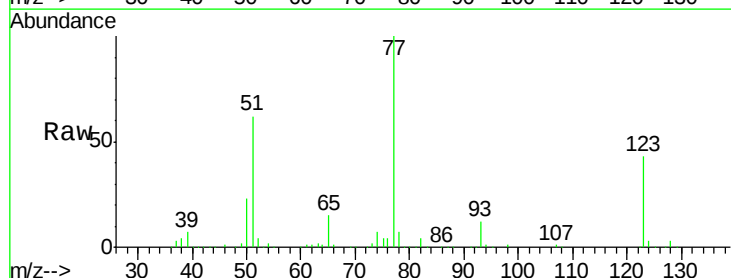
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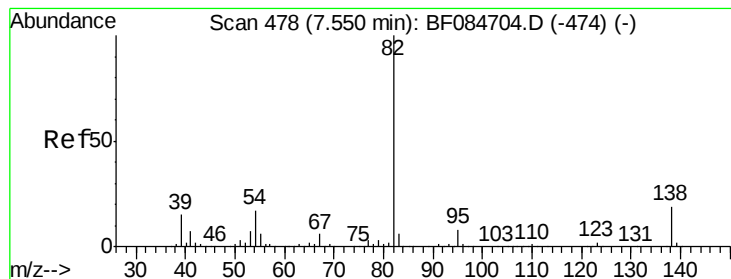
Sohil  
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#24  
 Nitrobenzene  
 Concen: 35.51 ng  
 RT: 7.20 min Scan# 491  
 Delta R.T. -0.02 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 77      | 100   |            |       |
| 123     | 42.8  | 37.4       | 56.2  |
| 65      | 14.6  | 10.9       | 16.3  |





#25

Isophorone

Concen: 39.79 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

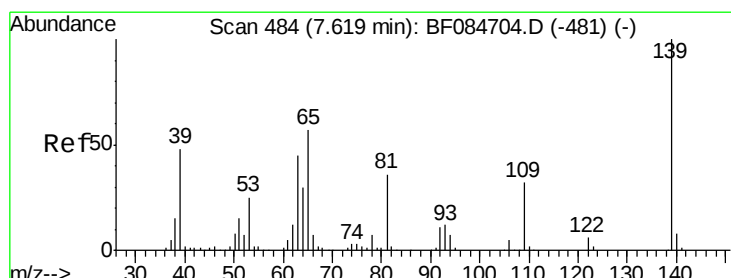
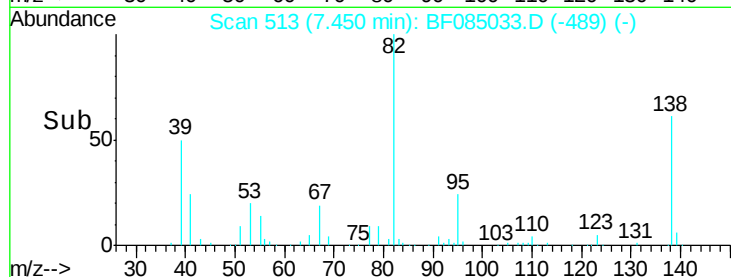
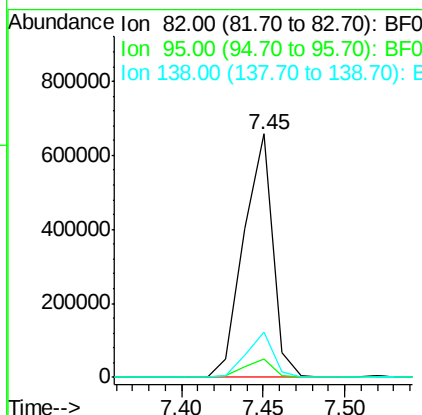
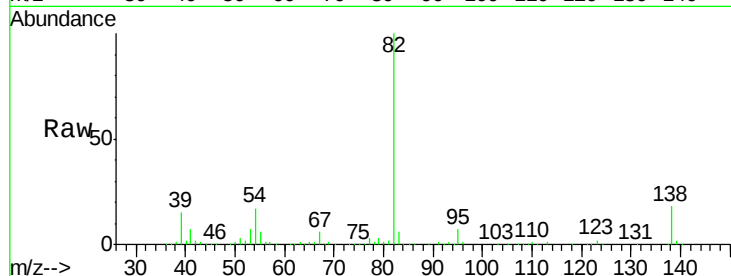
ClientSampleId :

PB88306BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 810361 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.4   | 6.6   | 10.0   |
| 138       | 18.4  | 13.6  | 20.4   |

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#26

2-Nitrophenol

Concen: 38.73 ng

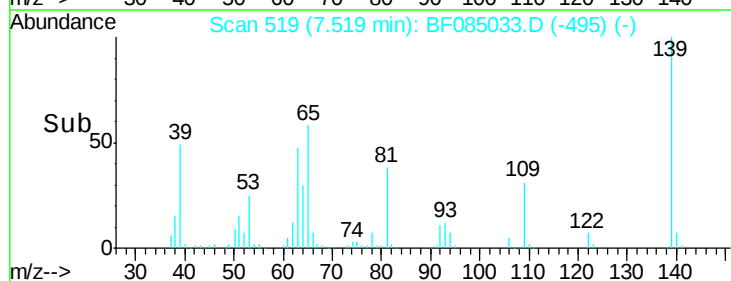
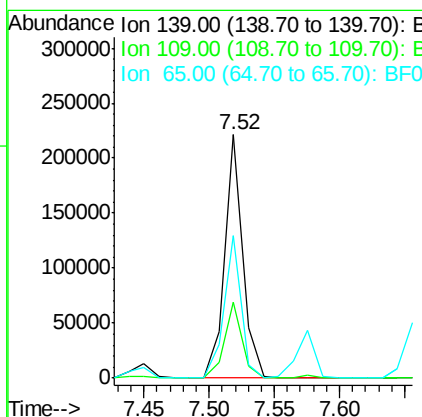
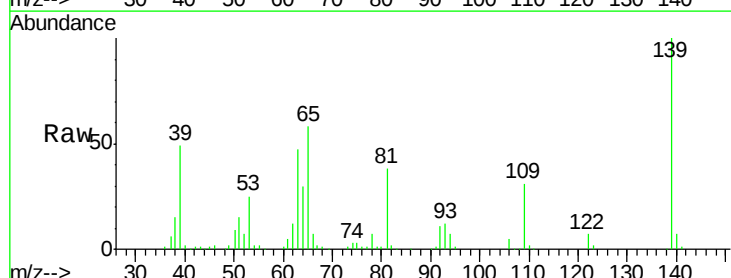
RT: 7.52 min Scan# 519

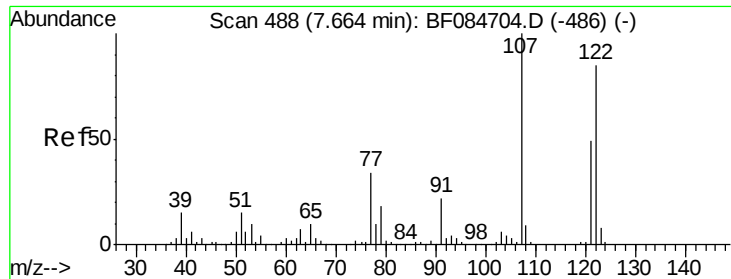
Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 214262 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 31.4  | 25.4  | 38.2   |
| 65        | 58.4  | 32.3  | 48.5#  |





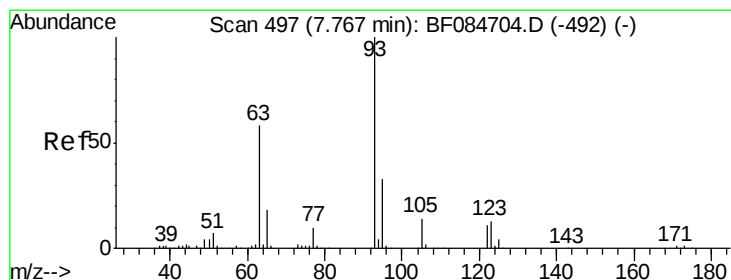
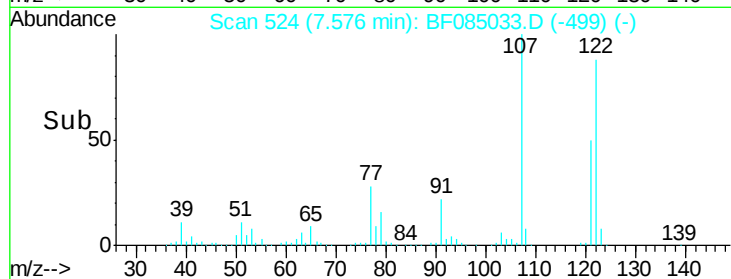
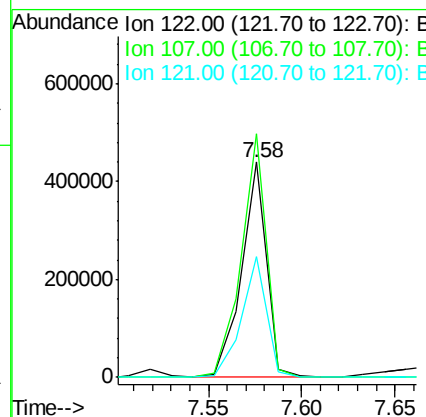
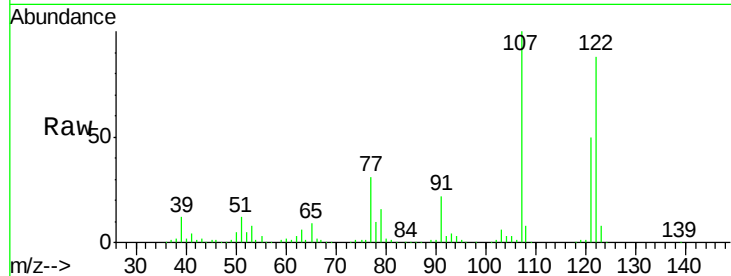
#27  
 2,4-Dimethylphenol  
 Concen: 42.83 ng  
 RT: 7.58 min Scan# 524  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88306BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 412136 |       |       |
| 107     | 113.3 | 99.1   | 148.7 |       |
| 121     | 56.5  | 47.9   | 71.9  |       |

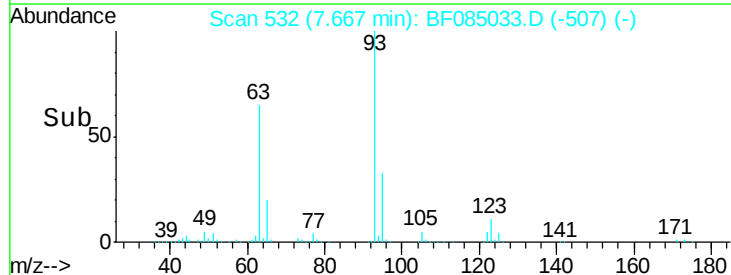
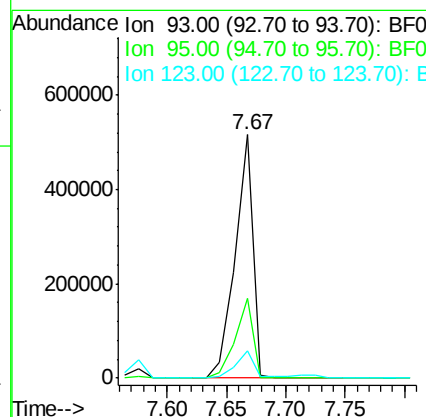
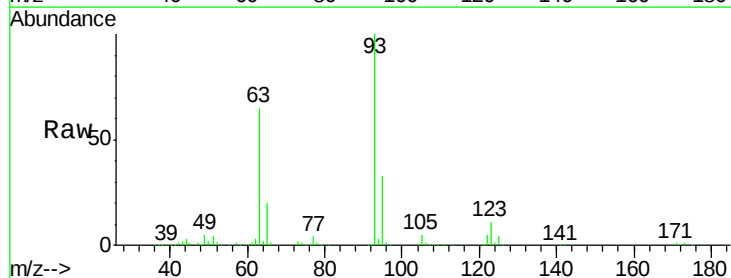
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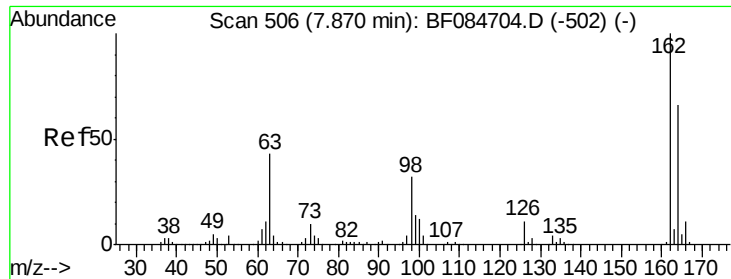
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.46 ng  
 RT: 7.67 min Scan# 532  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 537207 |       |       |
| 95      | 32.8  | 25.8   | 38.6  |       |
| 123     | 11.2  | 8.6    | 12.8  |       |





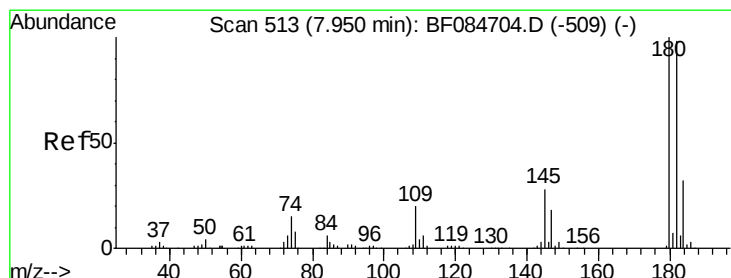
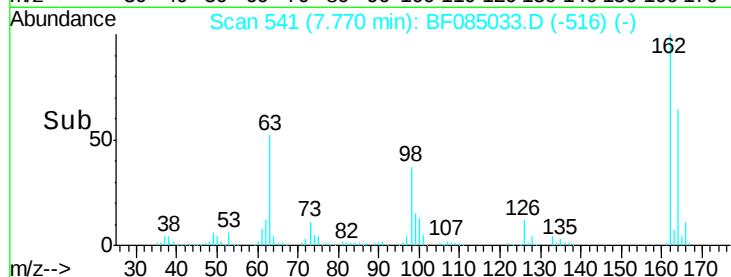
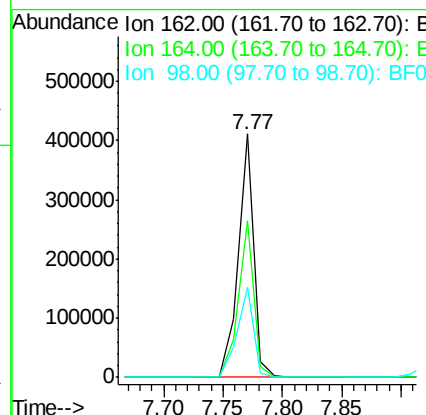
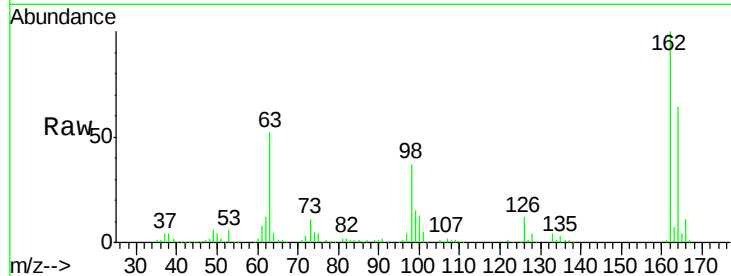
#29  
 2,4-Dichlorophenol  
 Concen: 45.25 ng  
 RT: 7.77 min Scan# 541  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB88306BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.1  | 44.1       | 84.1       |
| 98      | 37.1  | 20.2       | 60.2       |

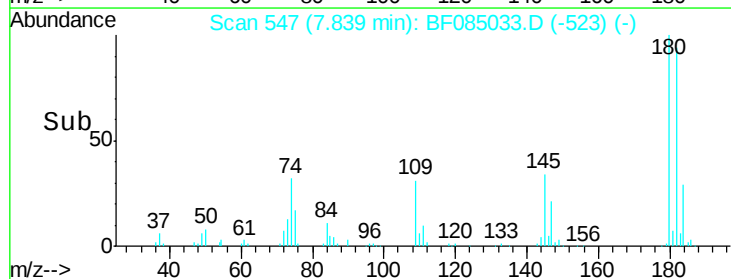
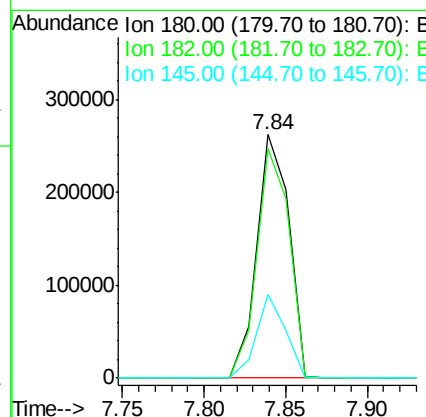
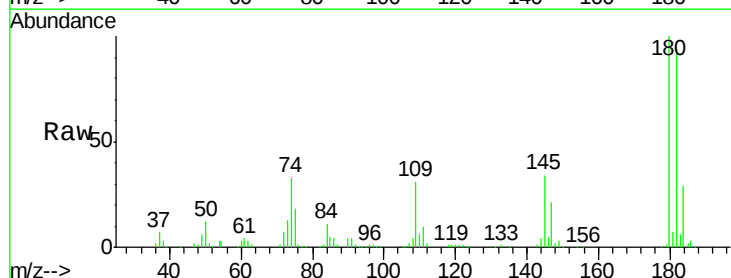
Manual Integrations  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.52 ng  
 RT: 7.84 min Scan# 547  
 Delta R.T. -0.02 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.0  | 76.4       | 114.6      |
| 145     | 34.4  | 31.6       | 47.4       |





#31

Naphthalene

Concen: 38.02 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

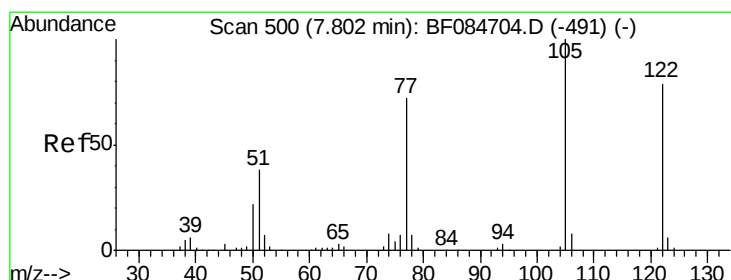
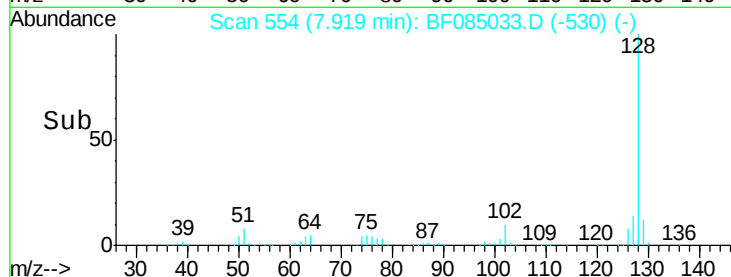
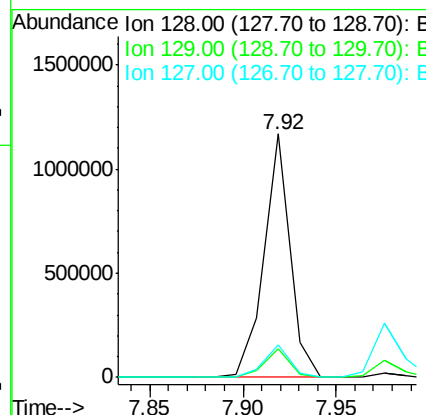
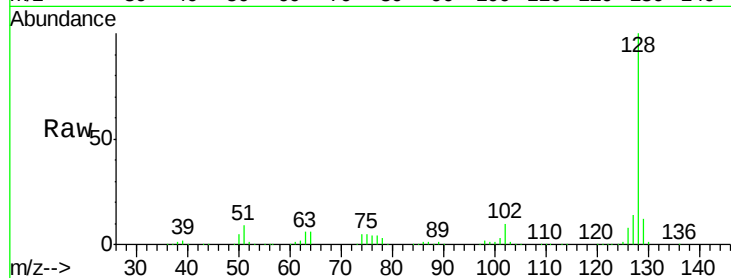
ClientSampleId :

PB88306BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 128   | Resp: | 1125378 |
| Ion Ratio | Lower | Upper |         |
| 128       | 100   |       |         |
| 129       | 12.0  | 9.1   | 13.7    |
| 127       | 13.5  | 11.1  | 16.7    |

Manual Integrations  
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#32

Benzoic acid

Concen: 37.55 ng

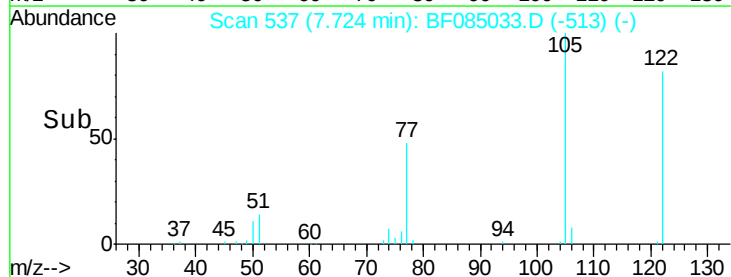
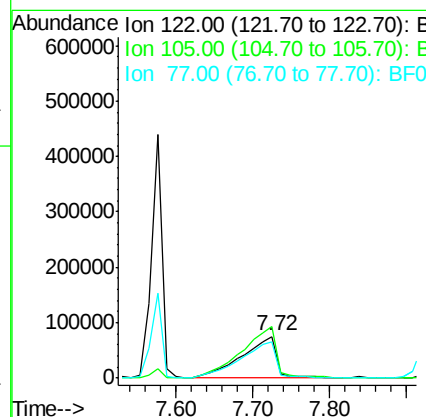
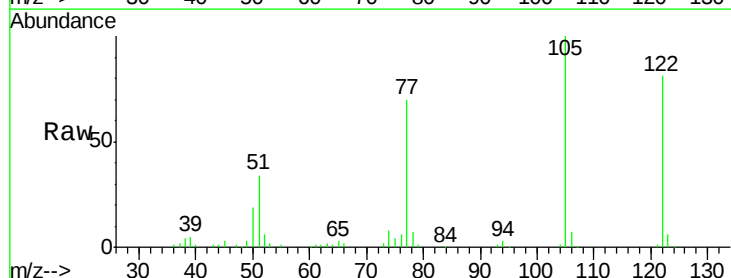
RT: 7.72 min Scan# 537

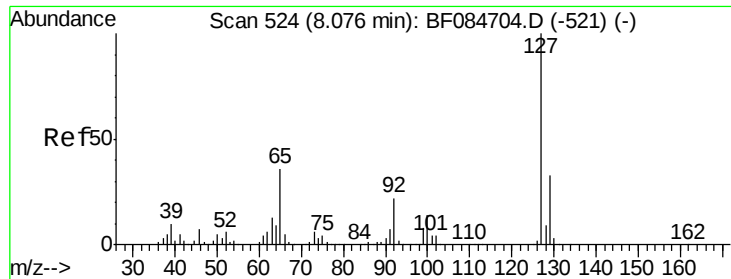
Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 231108 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 123.5 | 100.3 | 140.3  |
| 77        | 86.0  | 63.5  | 103.5  |





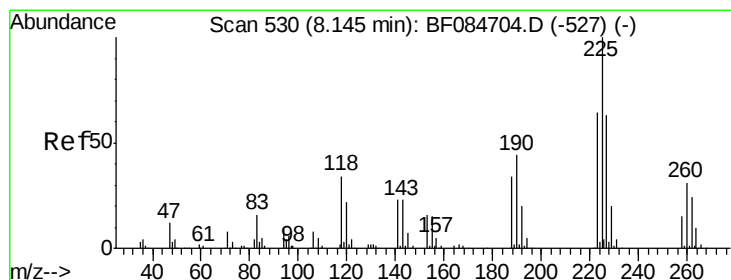
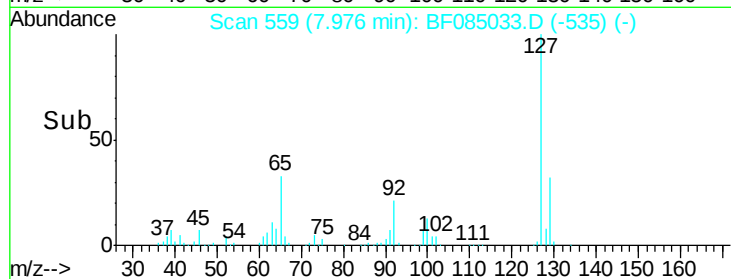
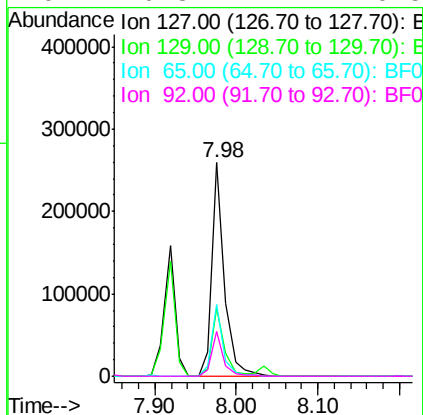
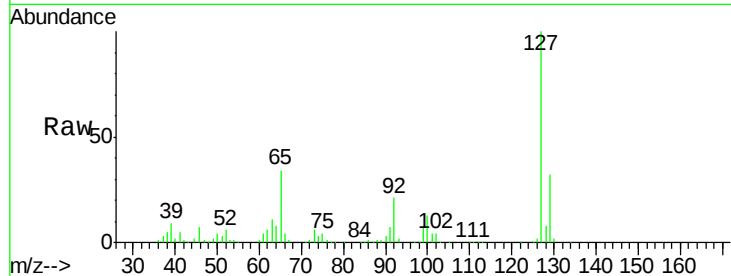
#33  
4-Chloroaniline  
Concen: 23.12 ng  
RT: 7.98 min Scan# 559  
Delta R.T. -0.02 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 127     | 100   |            |            |
| 129     | 31.8  | 26.5       | 39.7       |
| 65      | 33.6  | 27.2       | 40.8       |
| 92      | 20.8  | 17.7       | 26.5       |

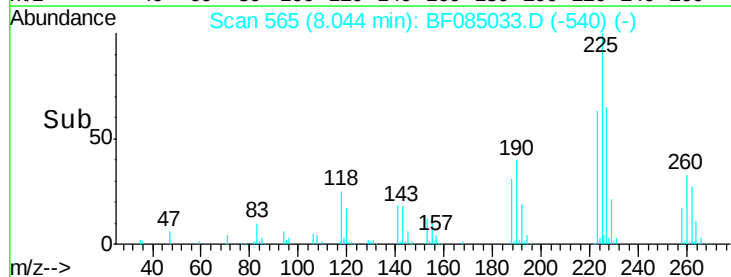
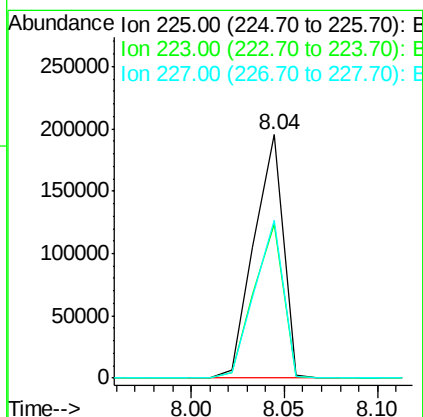
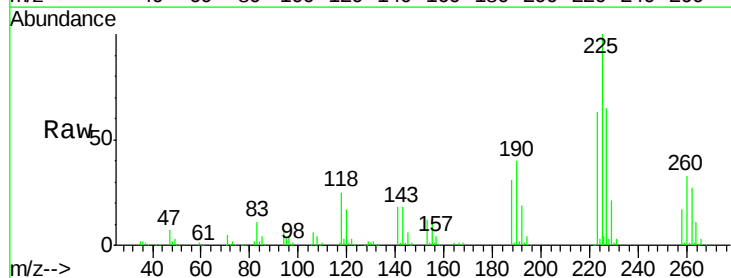
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#34  
Hexachlorobutadiene  
Concen: 39.48 ng  
RT: 8.04 min Scan# 565  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 225     | 100   |            |            |
| 223     | 63.3  | 49.4       | 74.0       |
| 227     | 64.7  | 50.8       | 76.2       |





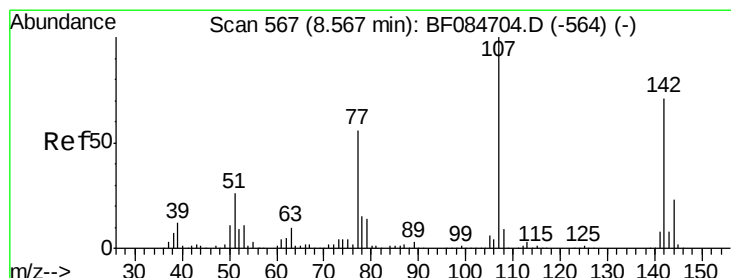
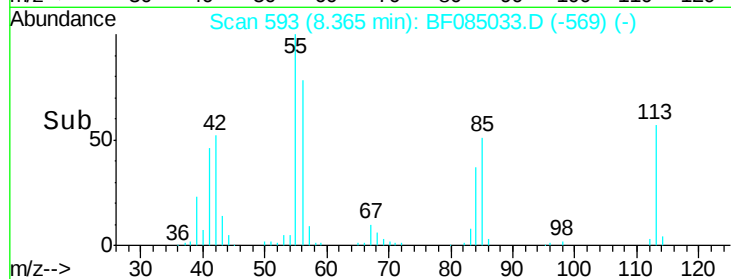
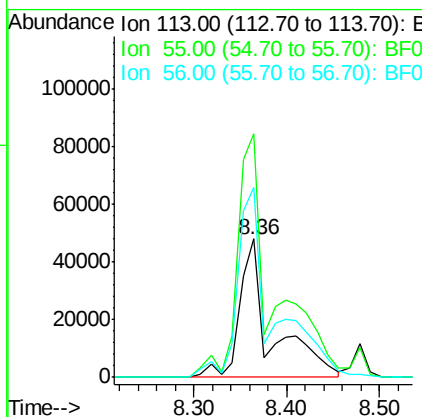
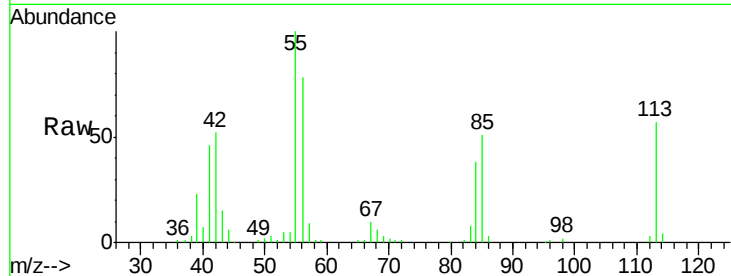
#35  
 Caprolactam  
 Concen: 44.86 ng m  
 RT: 8.36 min Scan# 593  
 Delta R.T. -0.02 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88306BS

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 113     | 100   |       |        |       |
| 55      | 175.8 | 116.9 | 156.9# |       |
| 56      | 136.8 | 93.8  | 133.8# |       |

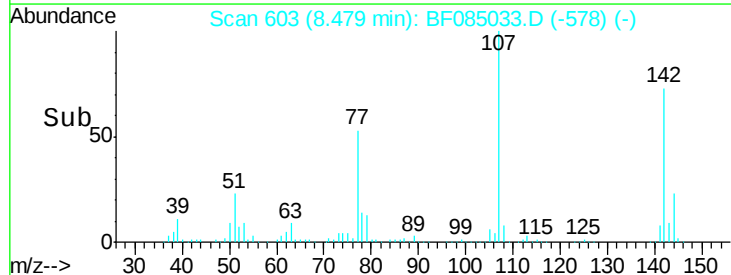
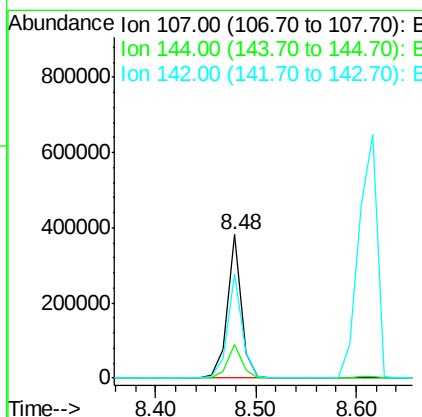
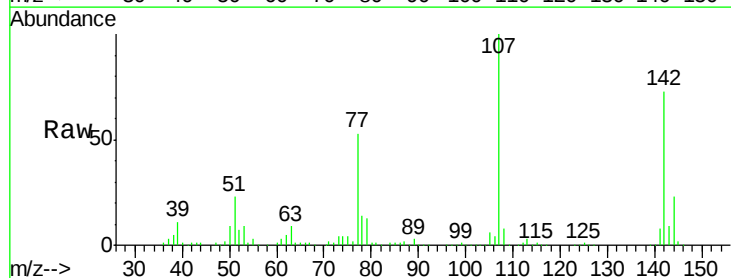
Manual Integrations  
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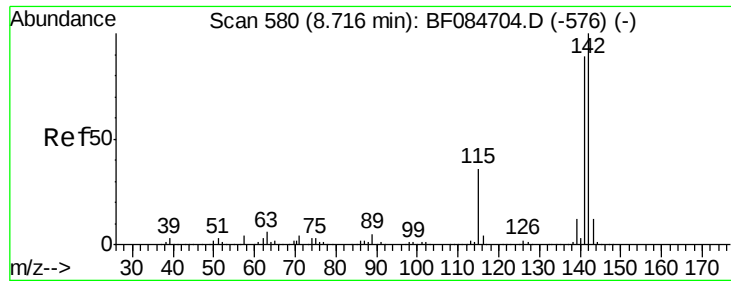
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#36  
 4-Chloro-3-methylphenol  
 Concen: 39.76 ng  
 RT: 8.48 min Scan# 603  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 144     | 23.2  | 19.7 | 29.5  |       |
| 142     | 72.6  | 61.8 | 92.6  |       |





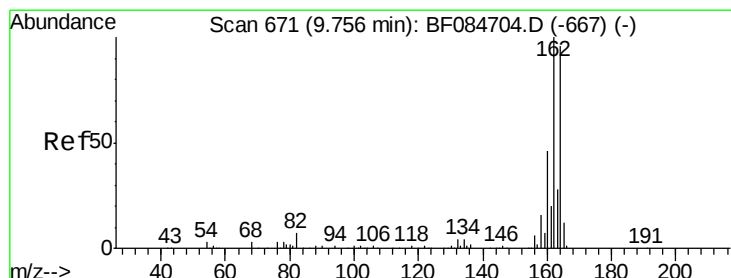
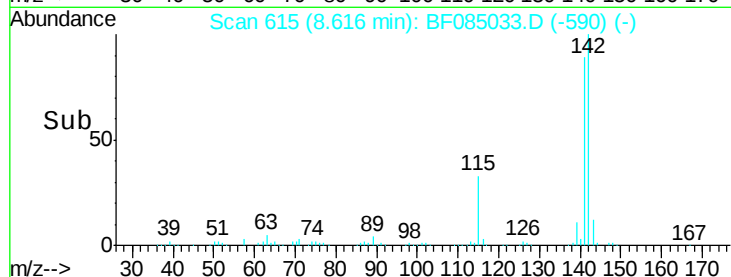
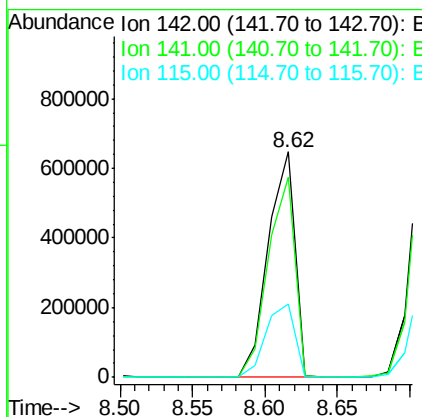
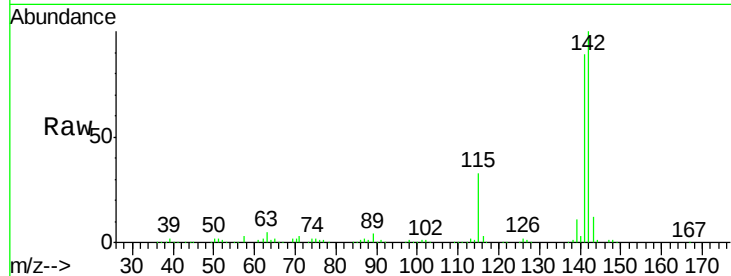
#37  
2-Methylnaphthalene  
Concen: 44.69 ng  
RT: 8.62 min Scan# 615  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 72.4  | 108.6 |
| 115     | 32.7  | 27.9  | 41.9  |

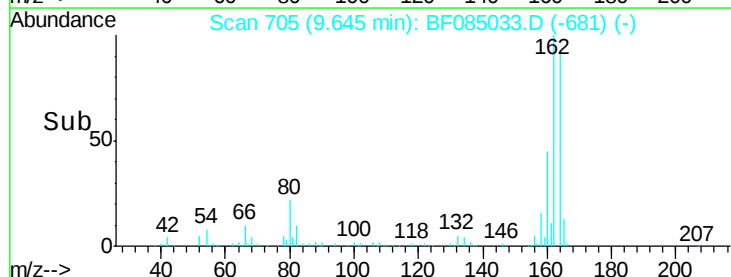
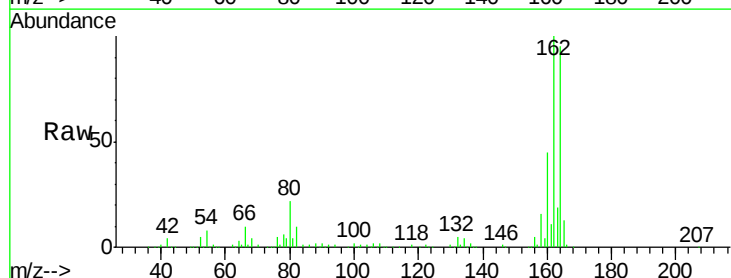
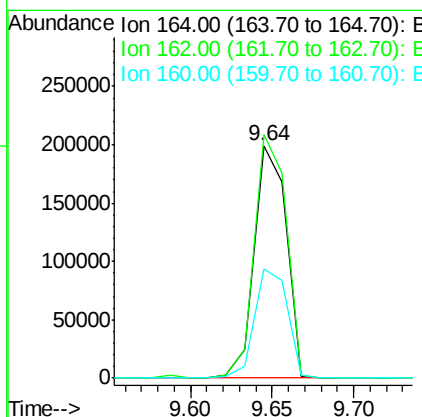
Manual Integrations  
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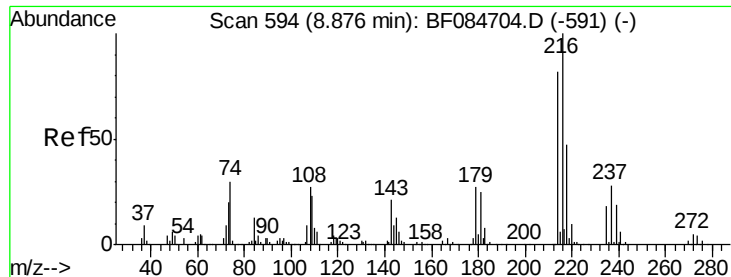
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.64 min Scan# 705  
Delta R.T. -0.02 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.7 | 85.1  | 127.7 |
| 160     | 46.8  | 37.5  | 56.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.11 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085033.D

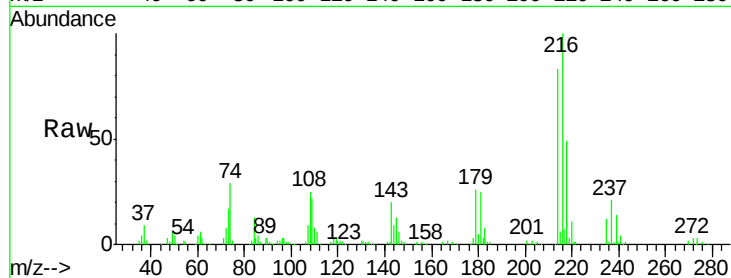
Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

ClientSampleId :

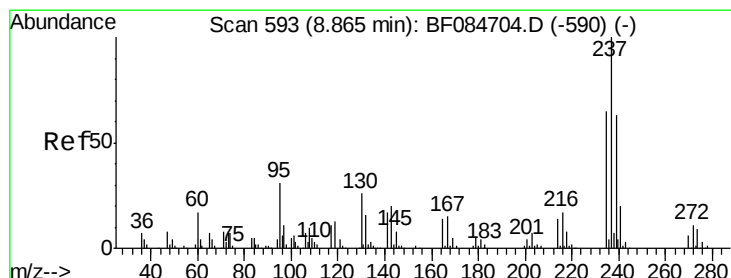
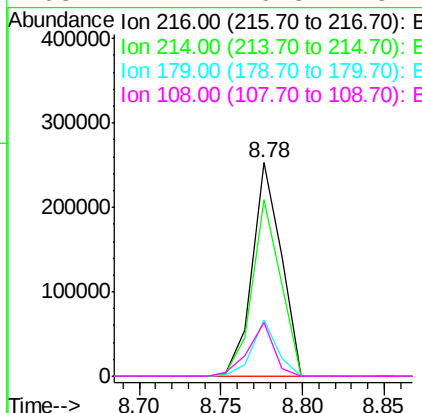
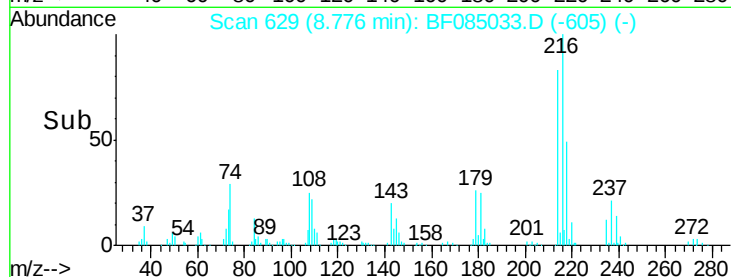
PB88306BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 311501 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 81.0  | 64.2  | 96.2   |
| 179       | 22.6  | 18.7  | 28.1   |
| 108       | 22.4  | 16.8  | 25.2   |

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#40

Hexachlorocyclopentadiene

Concen: 72.37 ng

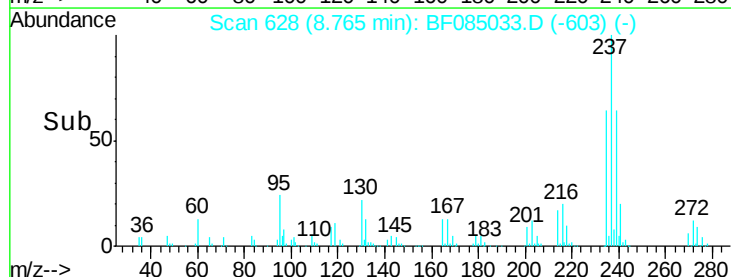
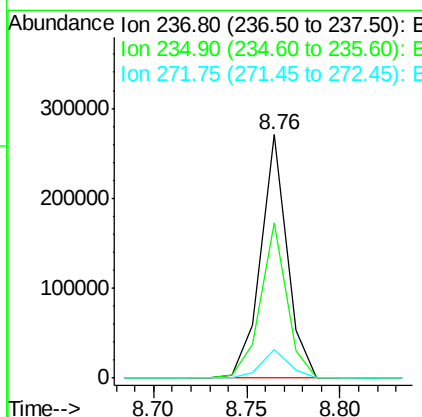
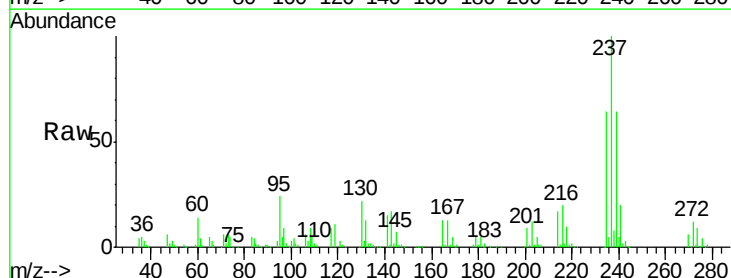
RT: 8.76 min Scan# 628

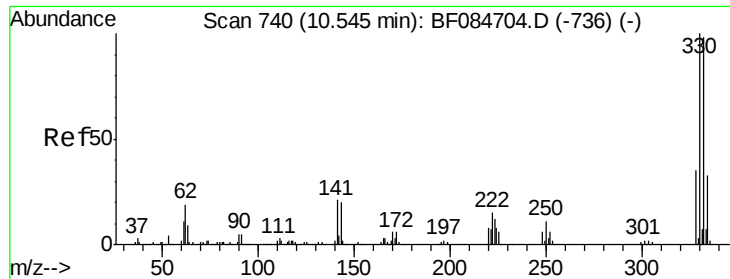
Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 264772 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.6  | 43.1  | 83.1   |
| 272       | 11.9  | 0.0   | 35.1   |





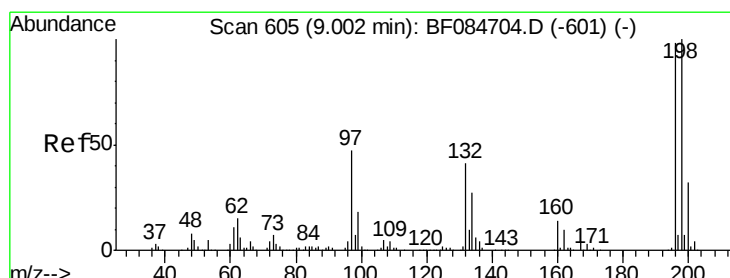
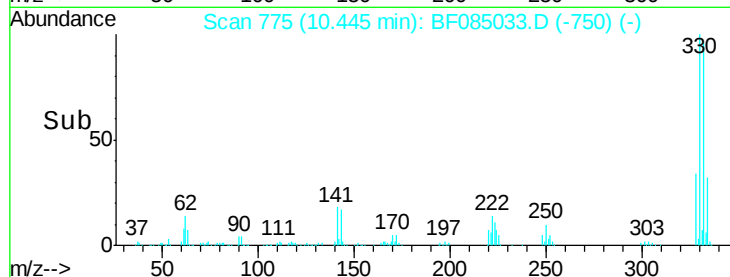
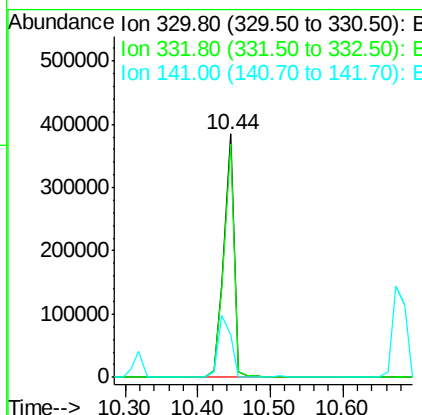
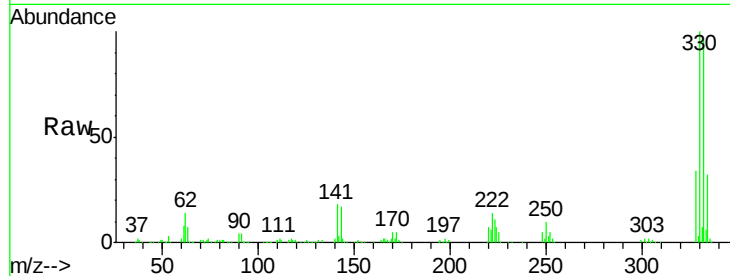
#41  
 2,4,6-Tribromophenol  
 Concen: 136.63 ng  
 RT: 10.44 min Scan# 775  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88306BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 387068 |       |       |
| 332     | 96.3  | 76.6   | 114.8 |       |
| 141     | 31.6  | 27.8   | 41.6  |       |

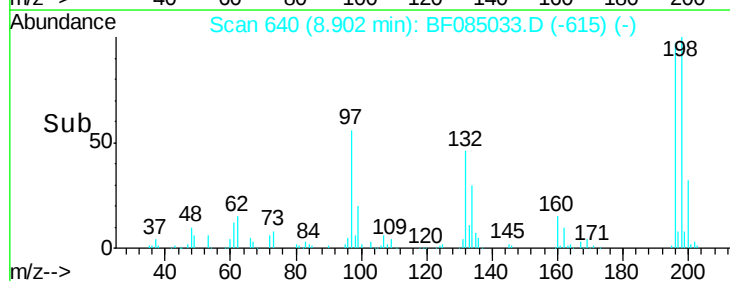
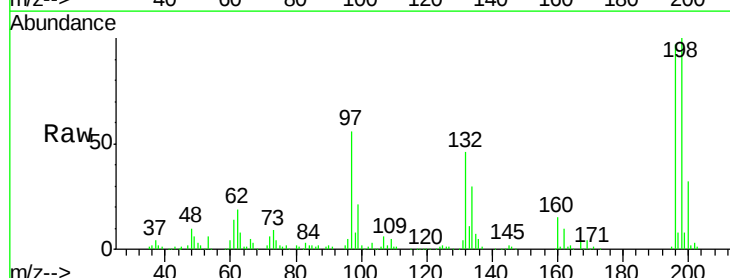
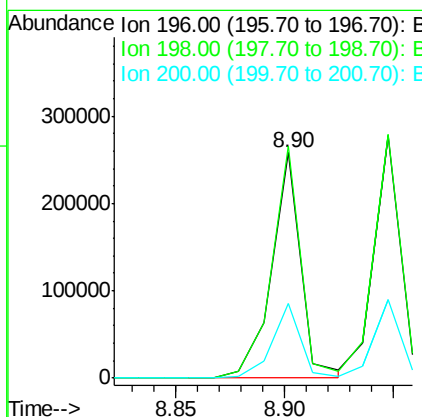
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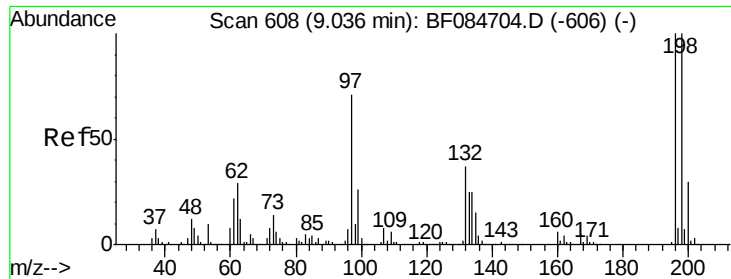
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#42  
 2,4,6-Trichlorophenol  
 Concen: 43.80 ng  
 RT: 8.90 min Scan# 640  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

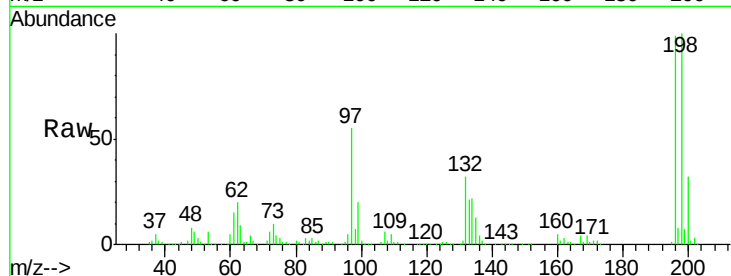
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 243399 |       |       |
| 198     | 102.7 | 77.7   | 116.5 |       |
| 200     | 32.9  | 24.6   | 37.0  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 42.78 ng  
 RT: 8.95 min Scan# 644  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

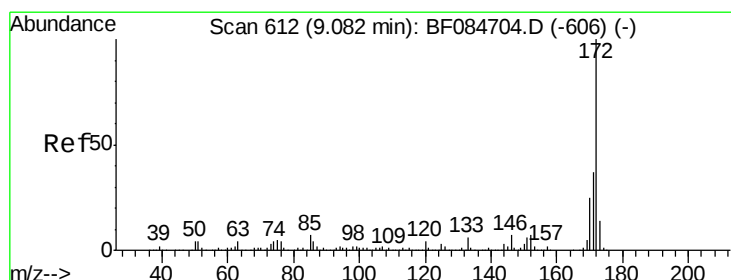
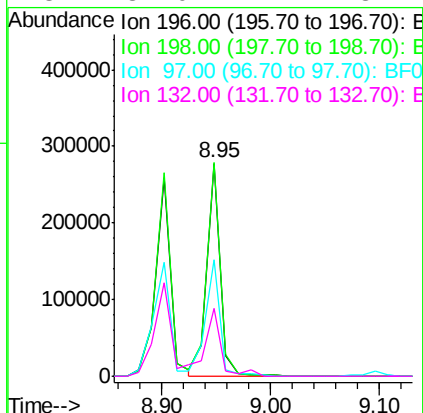
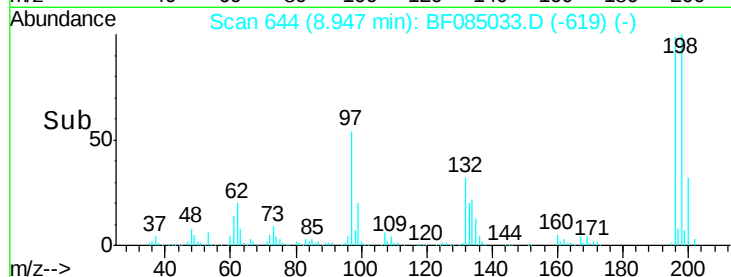
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88306BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 241573 |       |       |
| 198     | 100.5 | 79.0   | 118.6 |       |
| 97      | 54.9  | 33.0   | 49.6  |       |
| 132     | 32.0  | 21.1   | 31.7  |       |

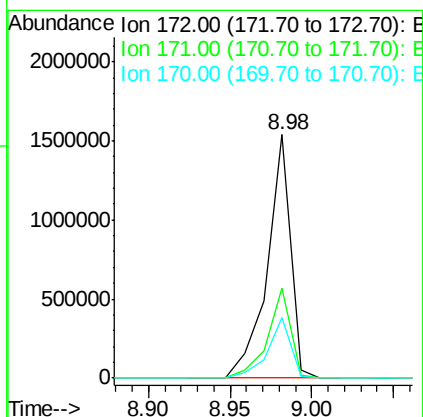
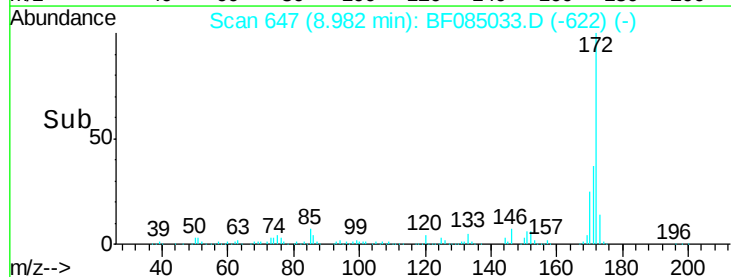
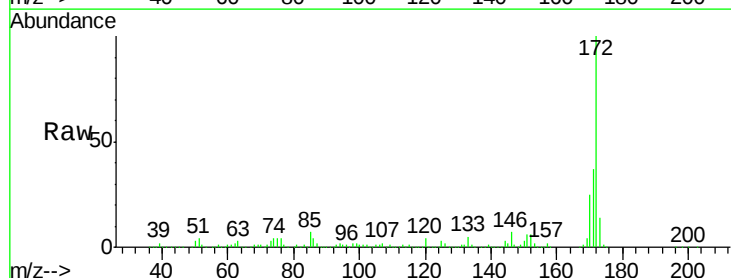
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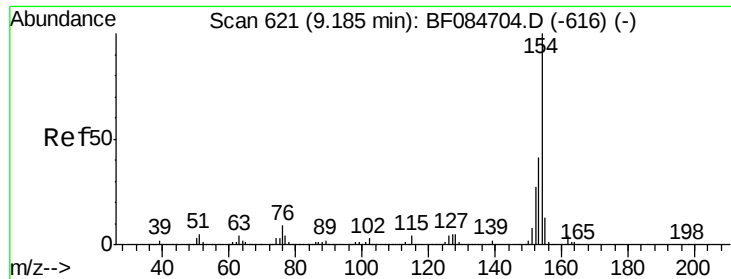
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#44  
 2-Fluorobiphenyl  
 Concen: 102.37 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1538063 |       |       |
| 171     | 36.9  | 28.9    | 43.3  |       |
| 170     | 24.8  | 18.6    | 27.8  |       |





#45

1,1'-Biphenyl

Concen: 40.02 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

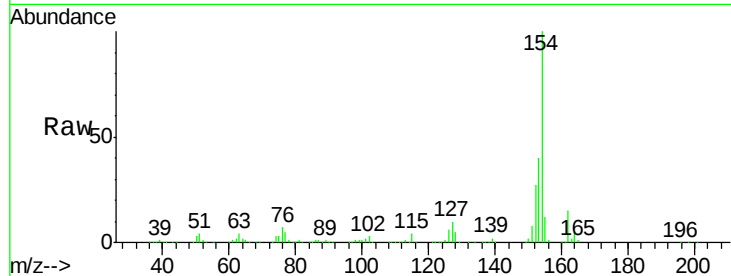
ClientSampleId :

PB88306BS

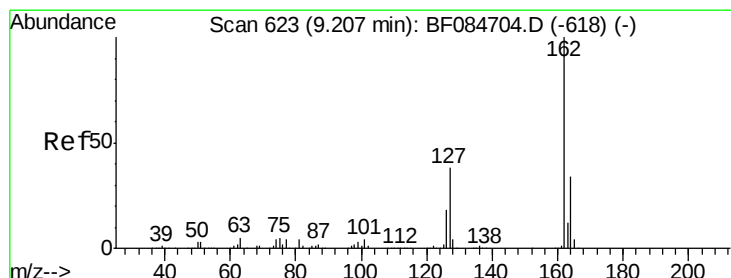
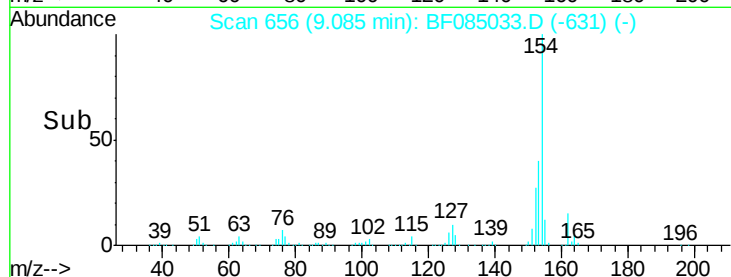
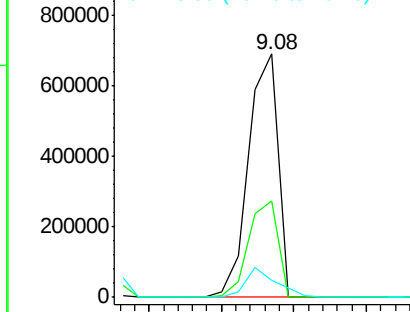
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 970808 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.8  | 21.6  | 61.6   |
| 76        | 6.8   | 0.0   | 32.7   |

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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: 38.86 ng

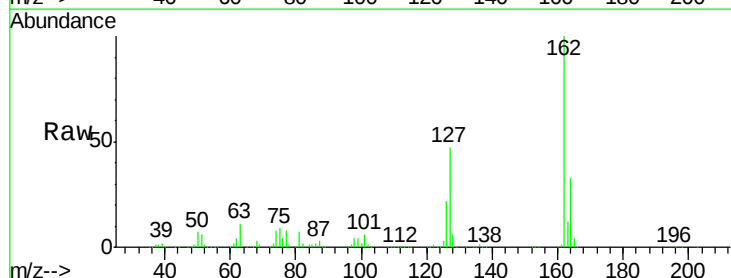
RT: 9.10 min Scan# 657

Delta R.T. -0.02 min

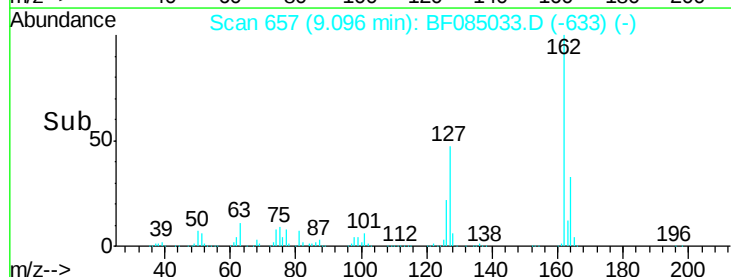
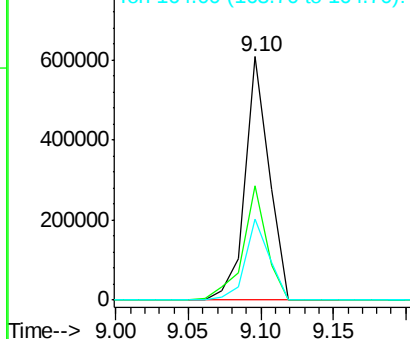
Lab File: BF085033.D

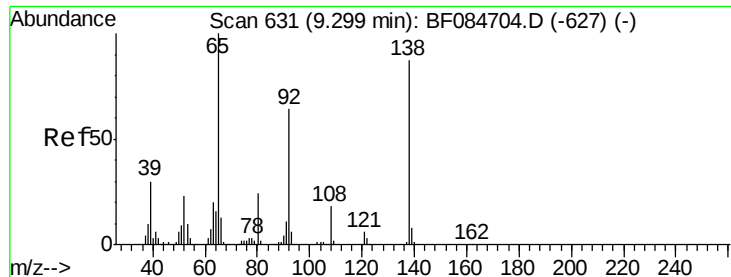
Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 694250 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 47.0  | 40.2  | 60.4   |
| 164       | 33.5  | 25.7  | 38.5   |



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





#47

2-Nitroaniline

Concen: 43.39 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

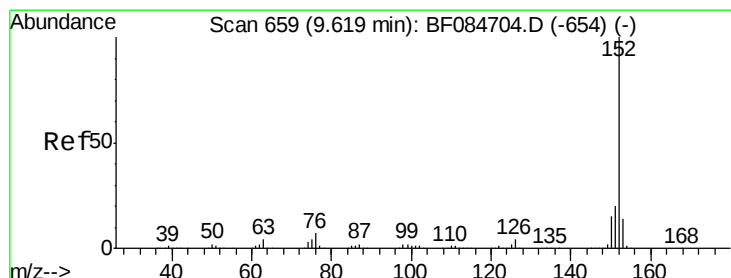
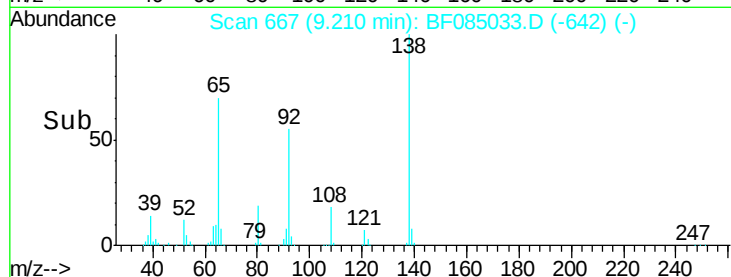
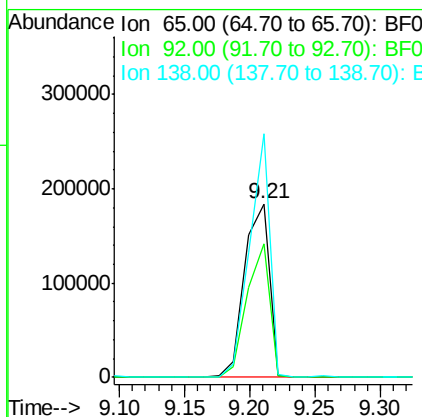
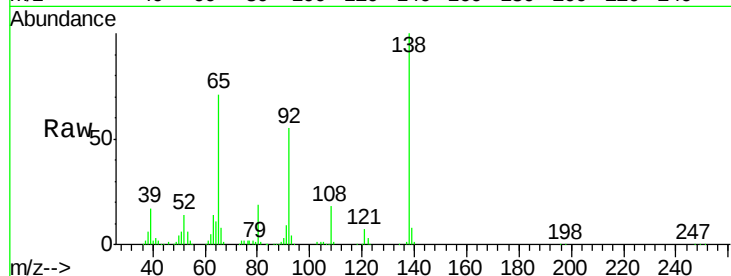
ClientSampleId :

PB88306BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 245424 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 76.7  | 53.4  | 80.2   |
| 138       | 140.3 | 71.1  | 106.7# |

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#48

Acenaphthylene

Concen: 38.91 ng

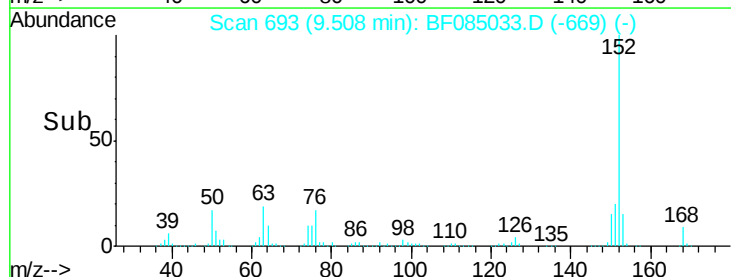
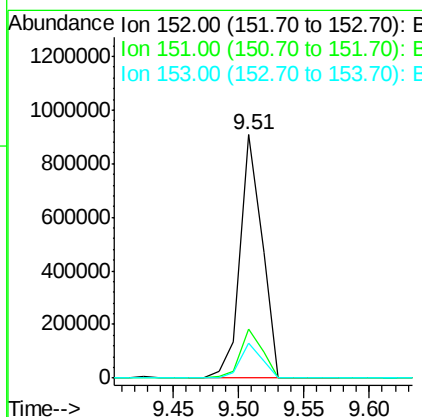
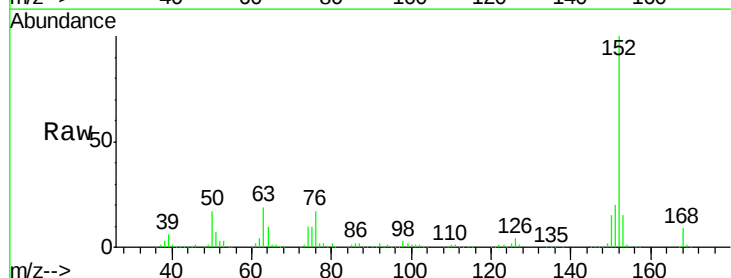
RT: 9.51 min Scan# 693

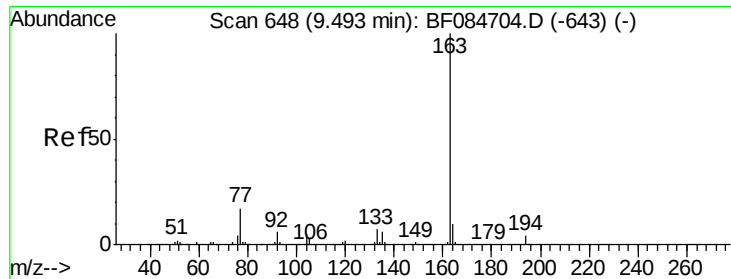
Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 1054930 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 20.3  | 16.3  | 24.5    |
| 153       | 14.6  | 10.4  | 15.6    |





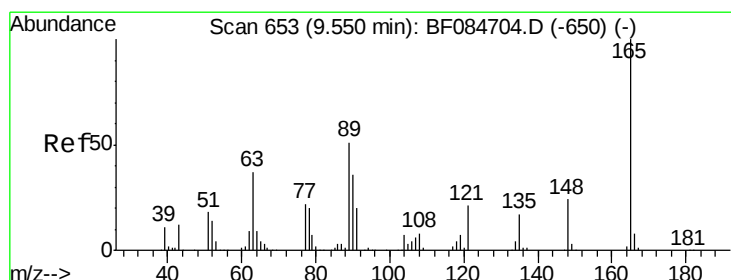
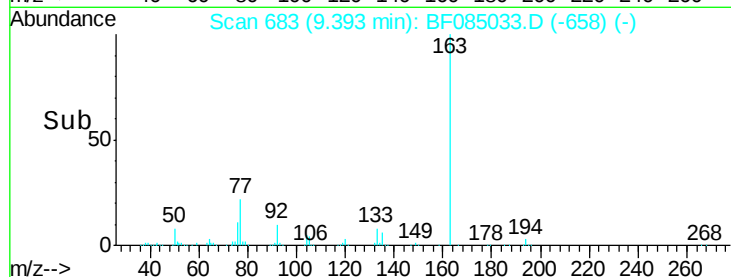
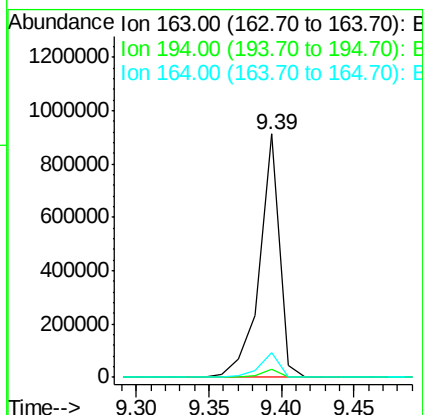
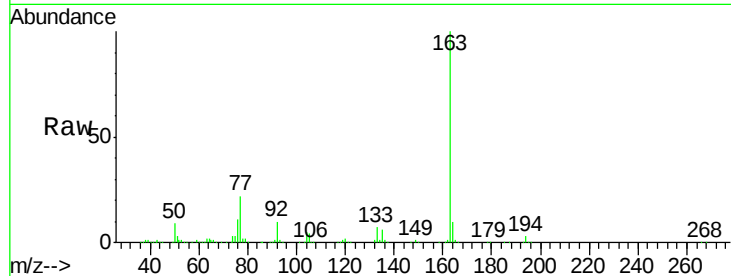
#49  
Dimethylphthalate  
Concen: 42.21 ng  
RT: 9.39 min Scan# 683  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.3   | 8.0        | 12.0#      |
| 164     | 10.2  | 8.0        | 12.0       |

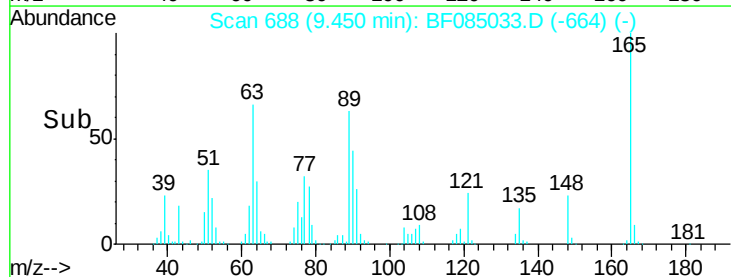
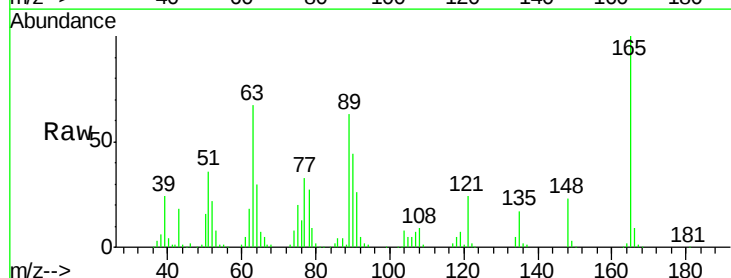
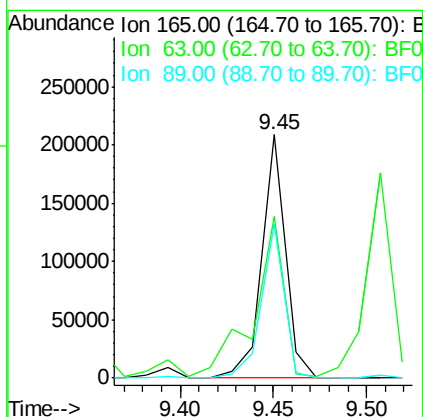
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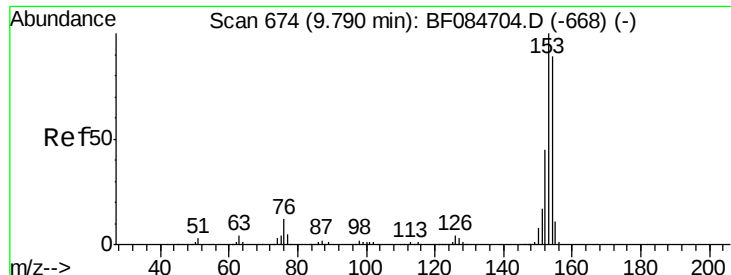
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#50  
2,6-Dinitrotoluene  
Concen: 40.05 ng  
RT: 9.45 min Scan# 688  
Delta R.T. -0.02 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 66.5  | 28.8       | 43.2#      |
| 89      | 63.2  | 35.1       | 52.7#      |





#51

Acenaphthene

Concen: 38.27 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

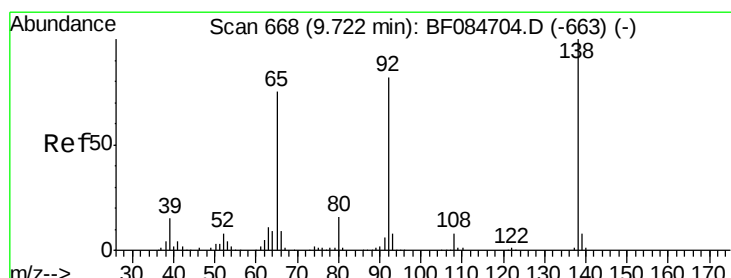
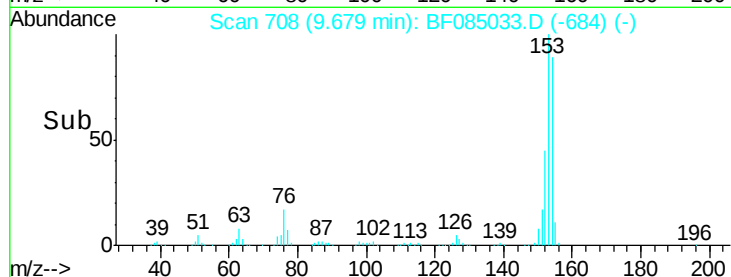
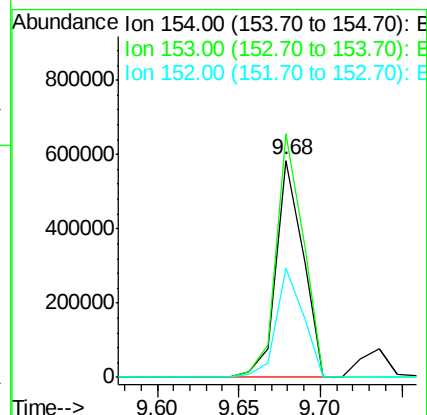
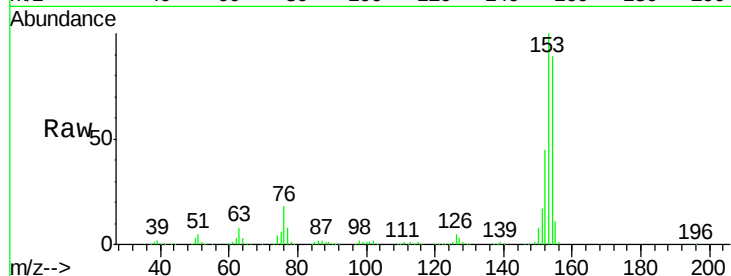
ClientSampleId :

PB88306BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 674967 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.2 | 91.5  | 137.3  |
| 152       | 50.1  | 43.0  | 64.6   |

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#52

3-Nitroaniline

Concen: 31.44 ng

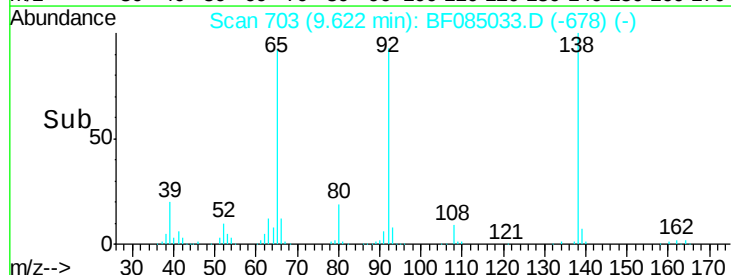
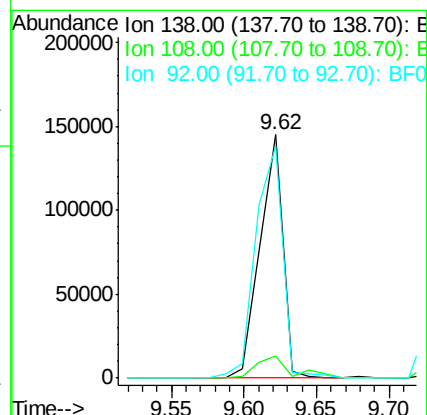
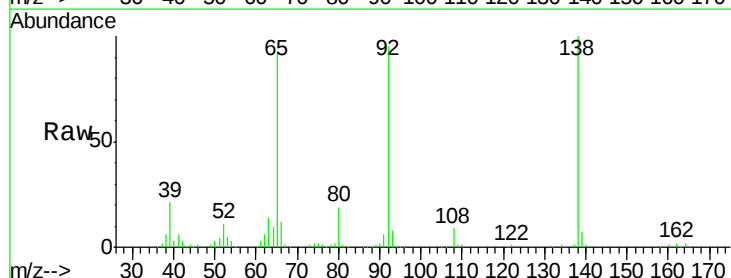
RT: 9.62 min Scan# 703

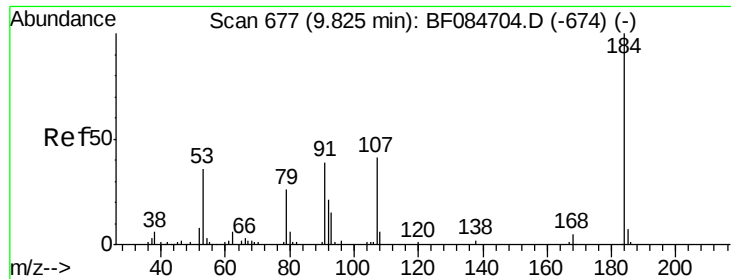
Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 159635 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.3   | 10.5  | 15.7#  |
| 92        | 95.1  | 103.9 | 155.9# |





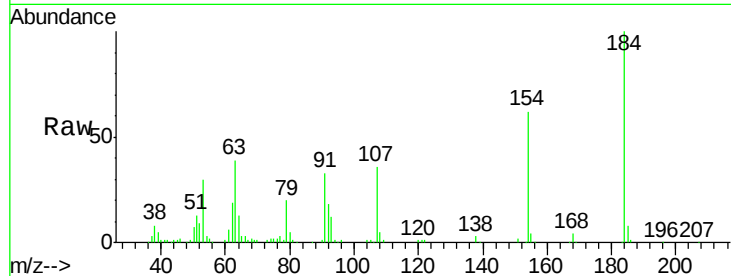
#53  
2,4-Dinitrophenol  
Concen: 72.21 ng  
RT: 9.74 min Scan# 713  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

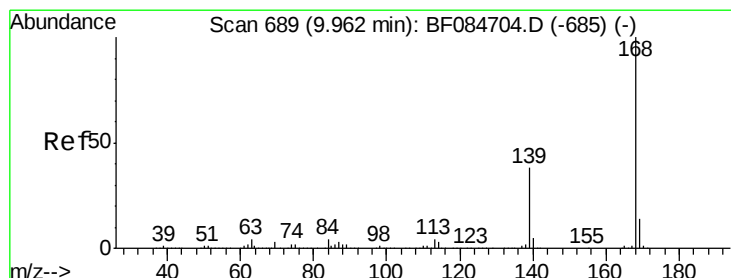
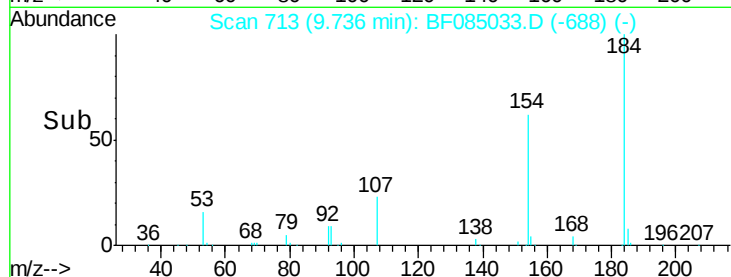
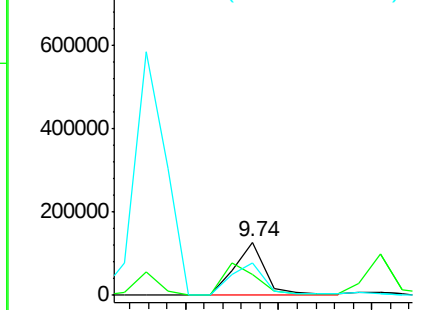
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 184     | 100   |            |            |
| 63      | 39.4  | 43.1       | 64.7#      |
| 154     | 61.9  | 60.5       | 90.7       |

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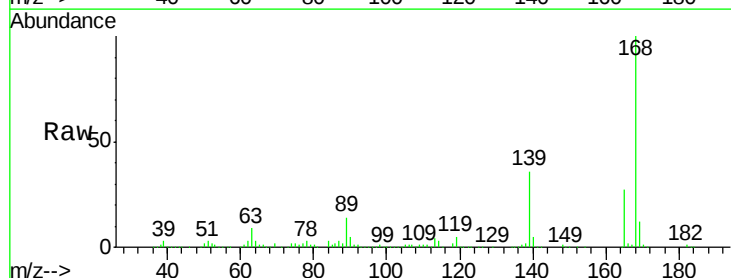


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

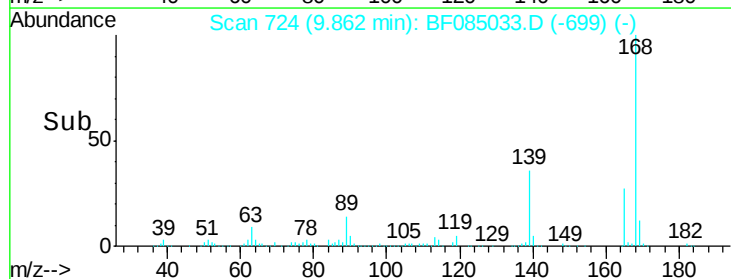
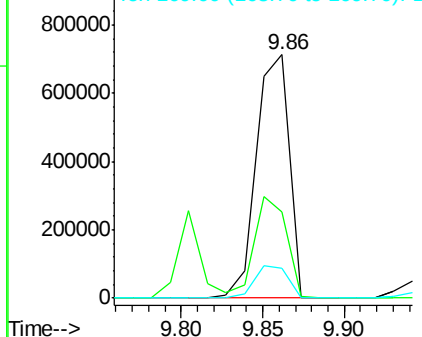


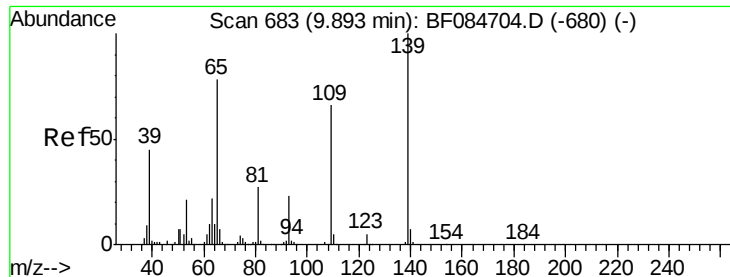
#54  
Dibenzofuran  
Concen: 46.33 ng  
RT: 9.86 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 168     | 100   |            |            |
| 139     | 35.6  | 30.5       | 45.7       |
| 169     | 12.5  | 10.4       | 15.6       |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





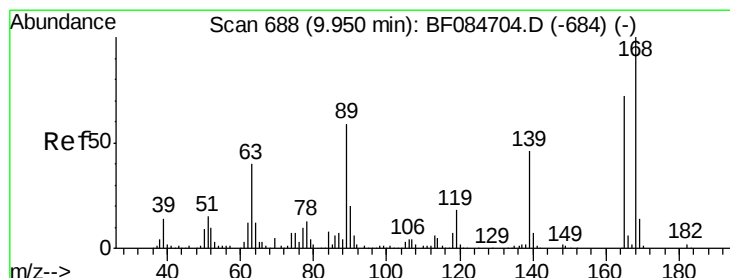
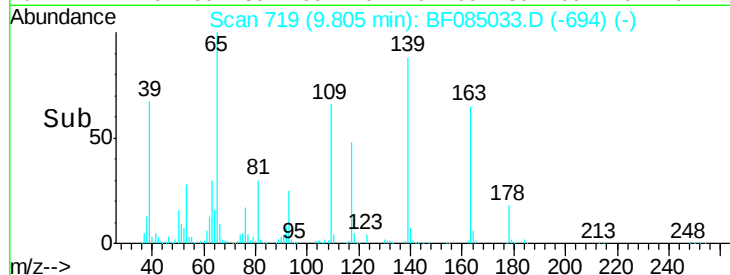
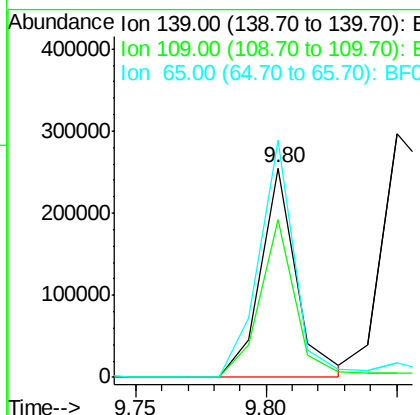
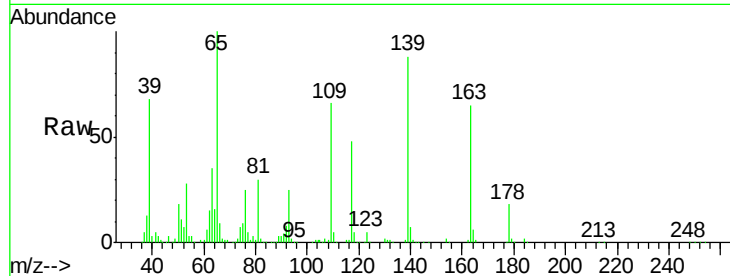
#55  
4-Nitrophenol  
Concen: 65.45 ng  
RT: 9.80 min Scan# 719  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 244277 |       |       |
| 109     | 75.4  | 58.5   | 98.5  |       |
| 65      | 113.5 | 57.6   | 97.6# |       |

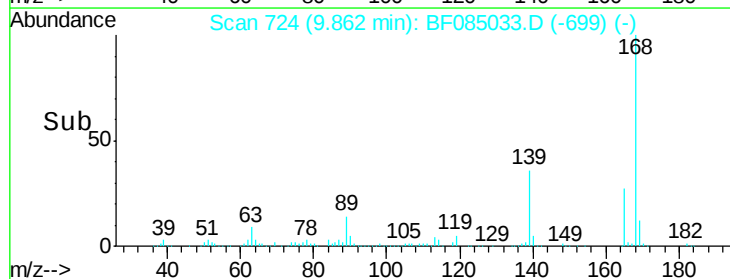
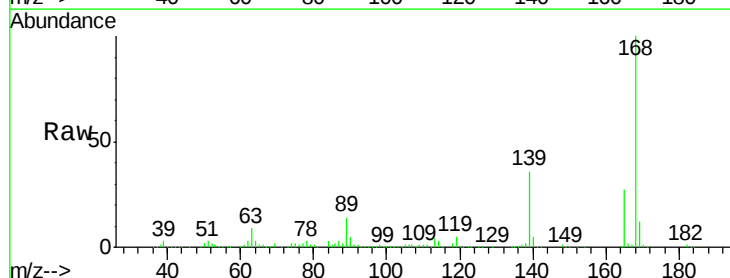
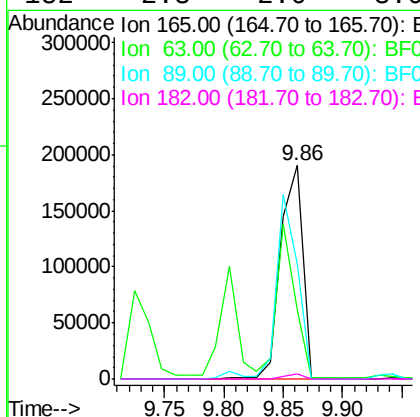
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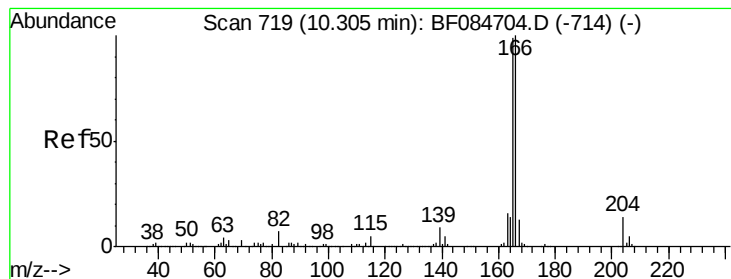
Sohil  
2/12/2016 12:27:41 PM



#56  
2,4-Dinitrotoluene  
Concen: 42.26 ng  
RT: 9.86 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 243605 |       |       |
| 63      | 32.2  | 36.7   | 55.1# |       |
| 89      | 53.7  | 61.9   | 92.9# |       |
| 182     | 2.3   | 2.0    | 3.0   |       |





#57

Fluorene

Concen: 40.60 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085033.D

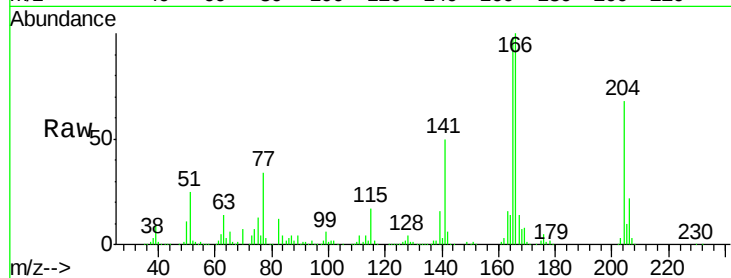
Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

ClientSampleId :

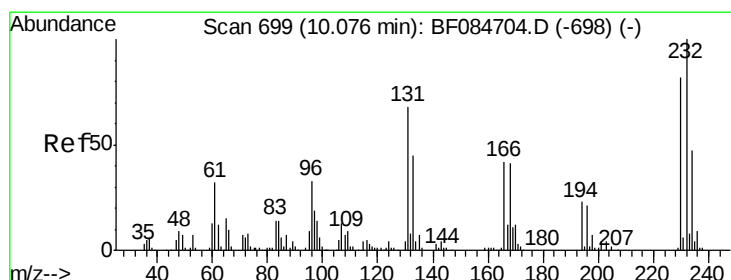
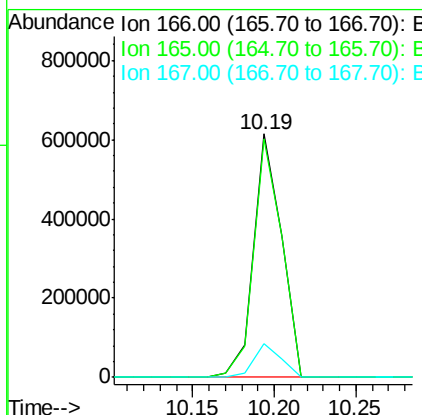
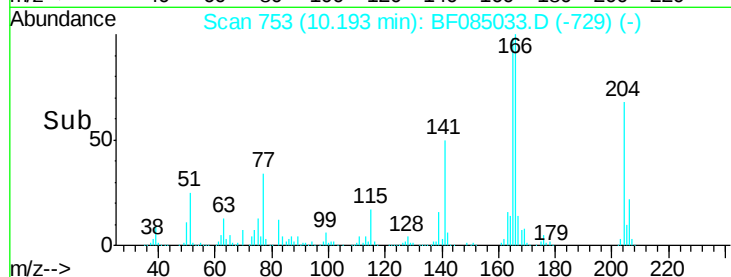
PB88306BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 730913 |       |       |
| 165     | 98.1  | 79.1   | 118.7 |       |
| 167     | 13.9  | 10.4   | 15.6  |       |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.33 ng

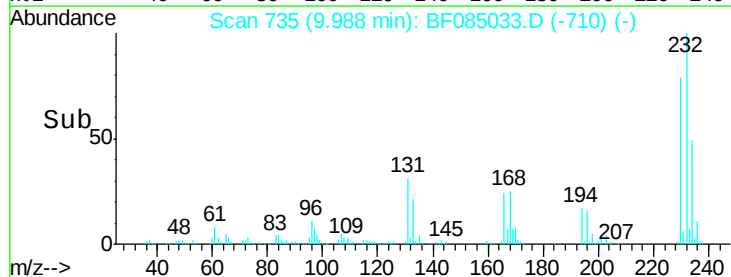
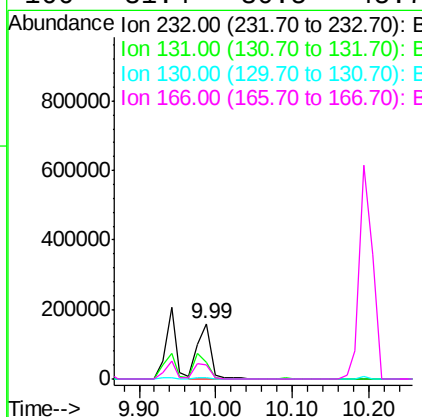
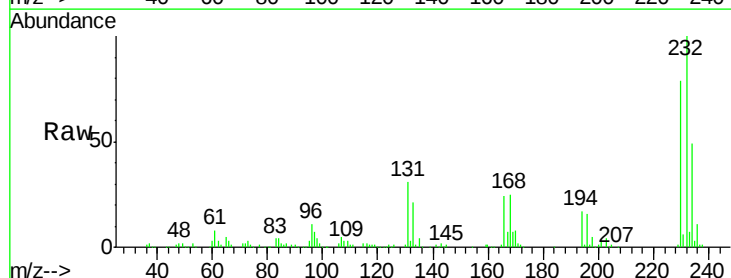
RT: 9.99 min Scan# 735

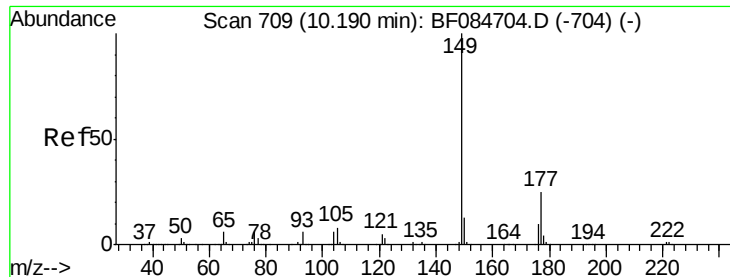
Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 194860 |       |       |
| 131     | 46.4  | 47.0   | 70.6# |       |
| 130     | 2.1   | 2.0    | 3.0   |       |
| 166     | 31.4  | 30.5   | 45.7  |       |





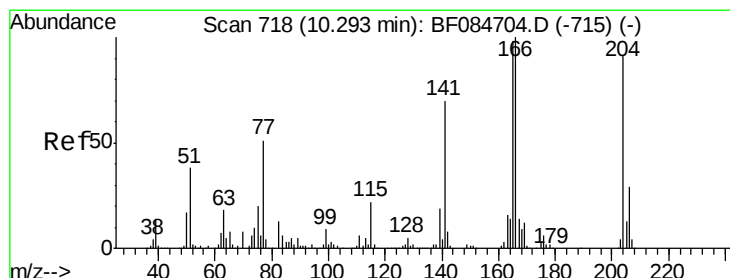
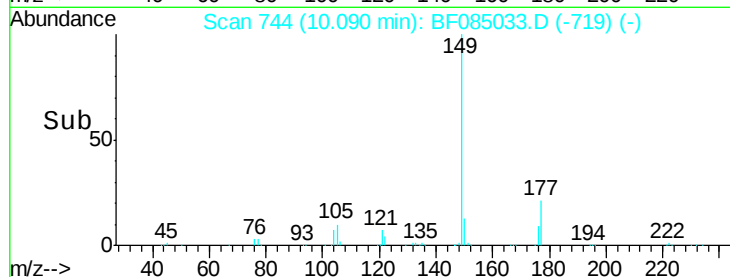
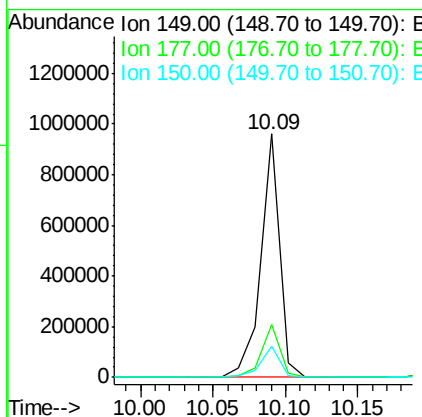
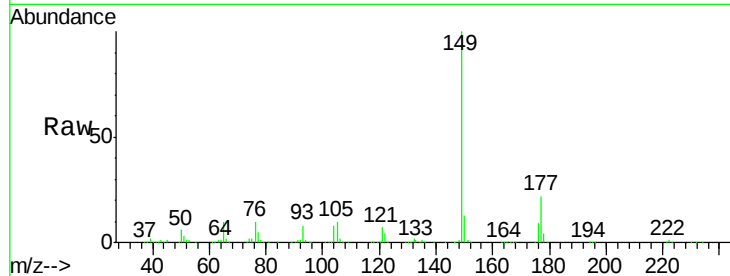
#59  
Diethylphthalate  
Concen: 42.64 ng  
RT: 10.09 min Scan# 744  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 861288 |       |       |
| 177     | 21.5  | 17.3   | 25.9  |       |
| 150     | 12.7  | 9.8    | 14.8  |       |

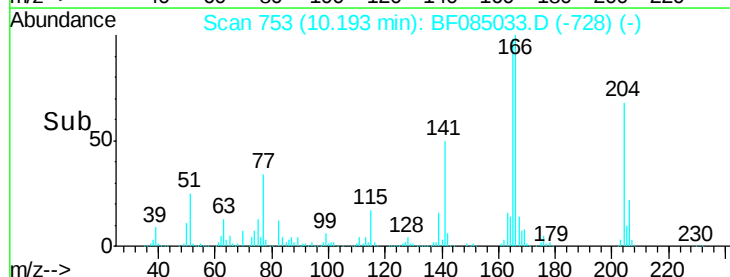
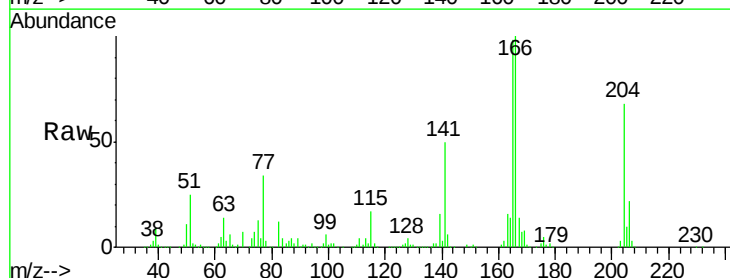
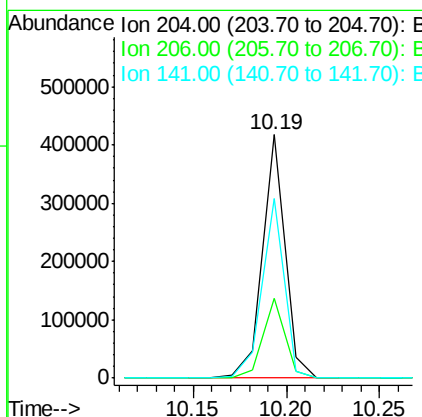
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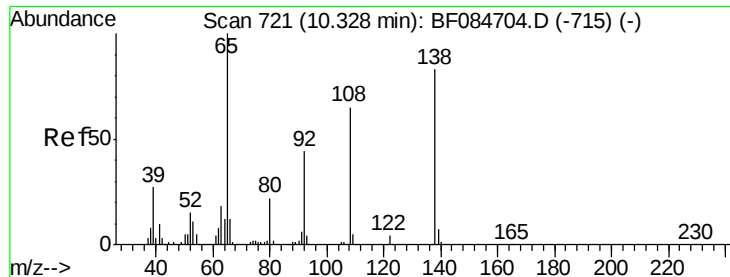
Sohil  
2/12/2016 12:27:41 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 45.75 ng  
RT: 10.19 min Scan# 753  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 345110 |       |       |
| 206     | 32.8  | 25.7   | 38.5  |       |
| 141     | 73.8  | 55.1   | 82.7  |       |





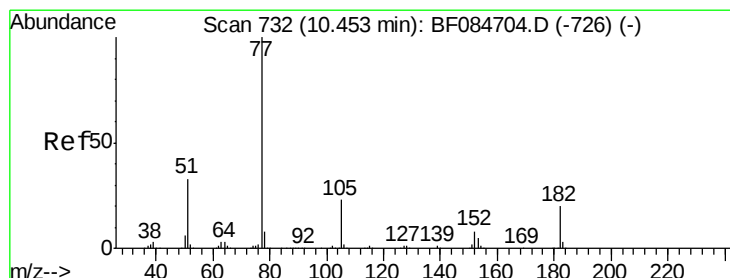
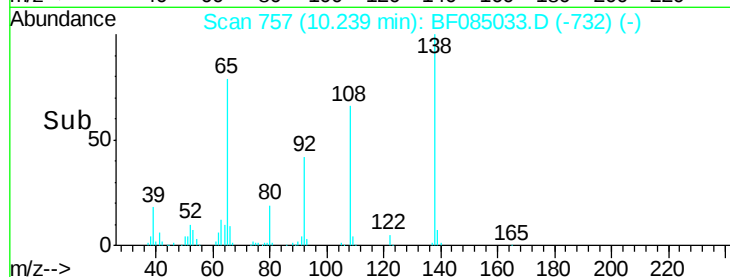
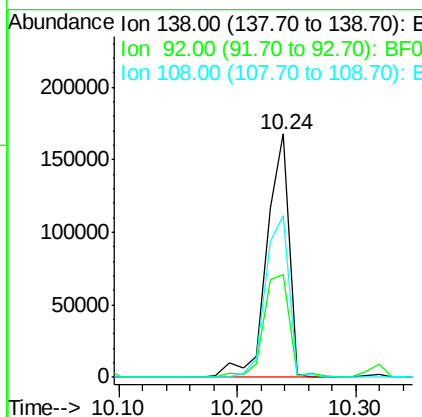
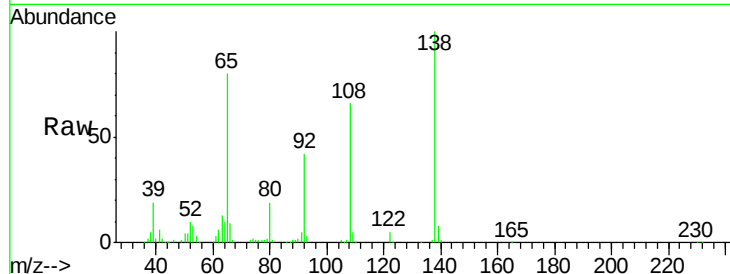
#61  
4-Nitroaniline  
Concen: 44.33 ng  
RT: 10.24 min Scan# 757  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 138     | 100   | 219380 |        |       |
| 92      | 42.2  | 32.6   | 72.6   |       |
| 108     | 66.4  | 68.6   | 108.6# |       |

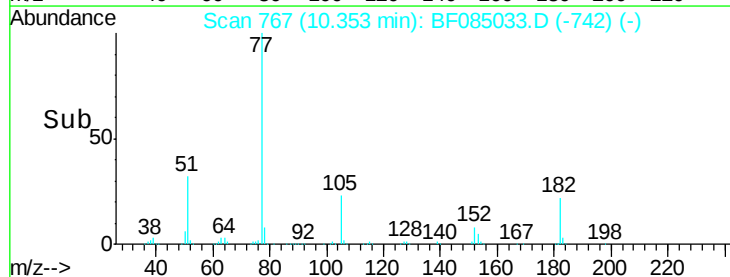
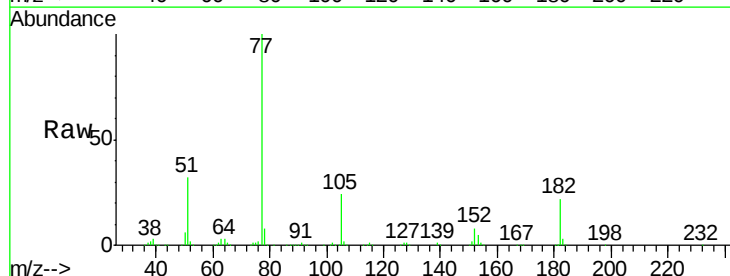
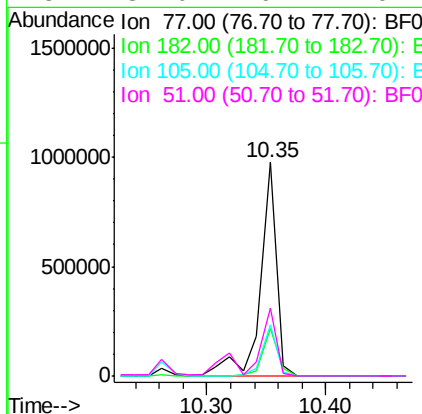
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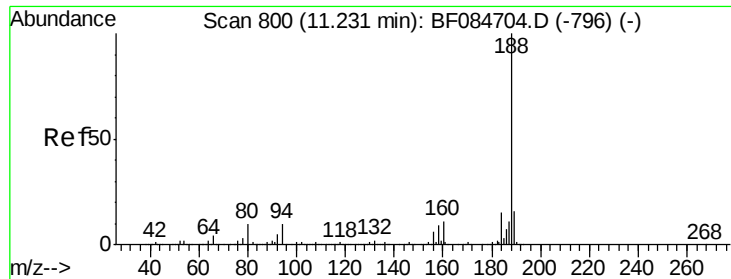
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2/12/2016 12:27:41 PM



#62  
Azobenzene  
Concen: 47.89 ng  
RT: 10.35 min Scan# 767  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 930113 |       |       |
| 182     | 22.2  | 8.3    | 48.3  |       |
| 105     | 23.8  | 4.6    | 44.6  |       |
| 51      | 32.0  | 6.2    | 46.2  |       |





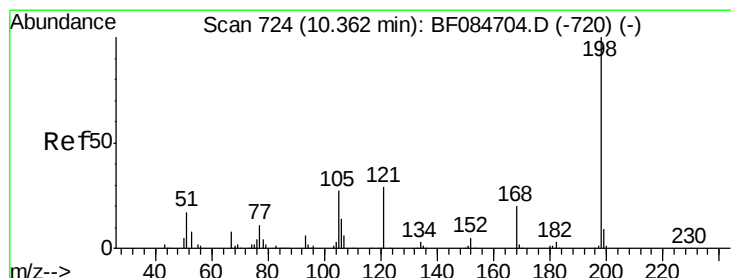
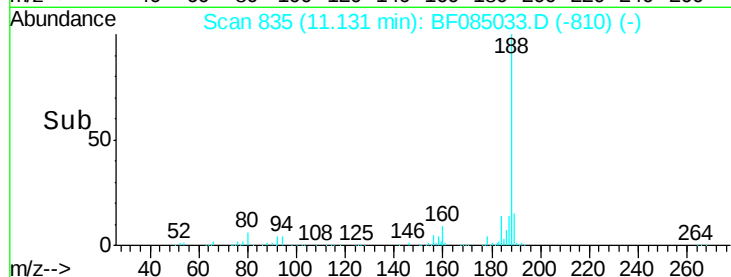
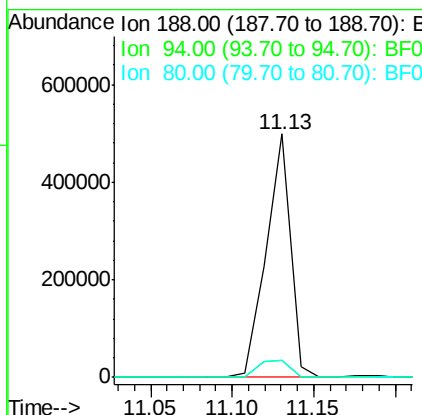
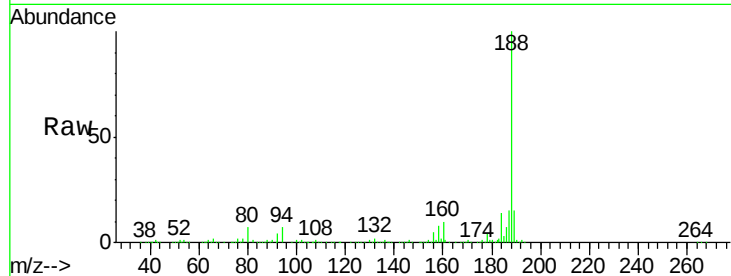
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.13 min Scan# 835  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 6.9   | 9.0        | 13.4#      |
| 80      | 6.8   | 9.6        | 14.4#      |

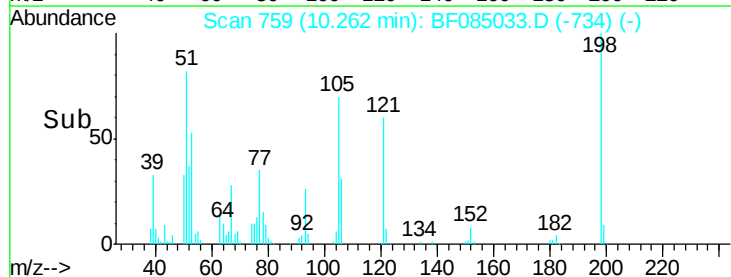
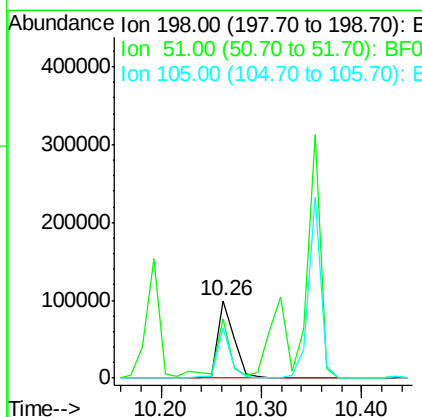
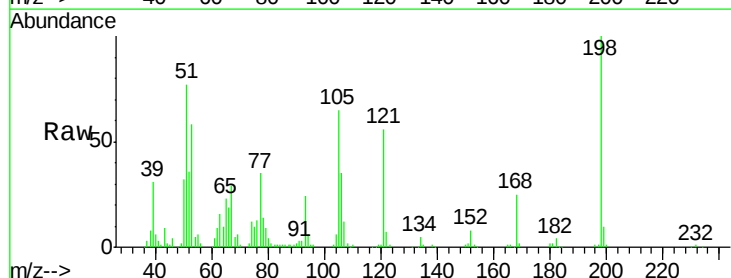
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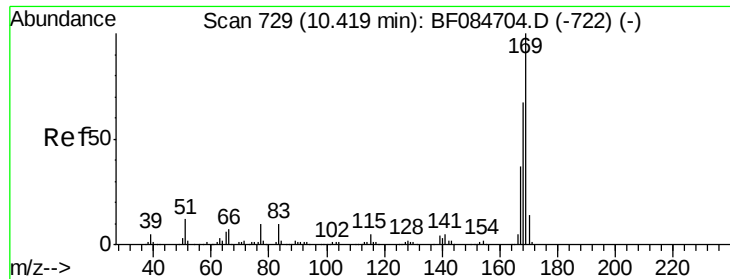
Sohil  
2/12/2016 12:27:41 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 34.73 ng  
RT: 10.26 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 76.5  | 18.9       | 58.9#      |
| 105     | 64.9  | 26.4       | 66.4       |





#65

n-Nitrosodiphenylamine

Concen: 44.45 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

ClientSampleId :

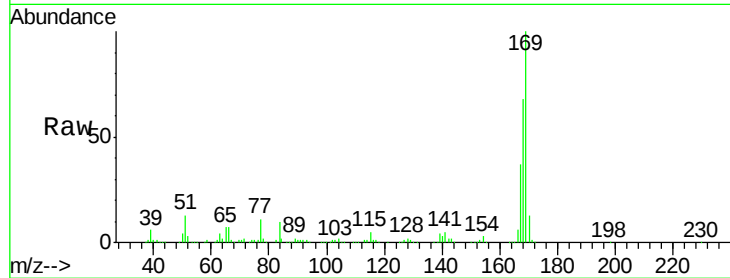
PB88306BS

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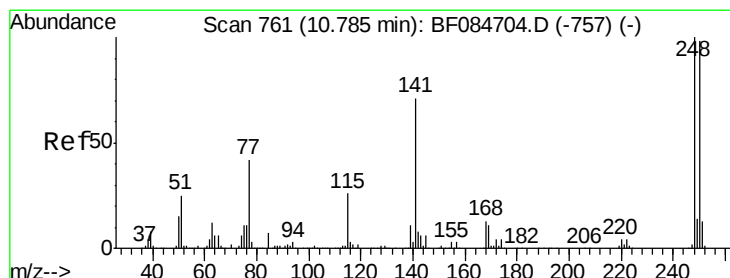
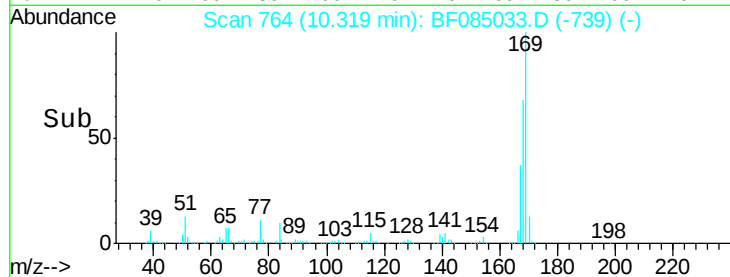
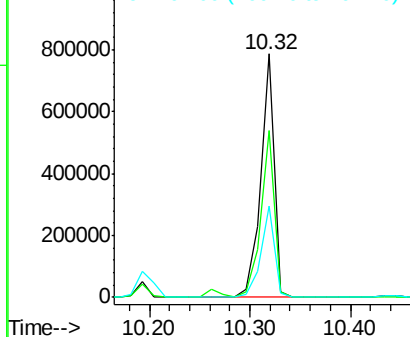
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 734204 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.4  | 55.1  | 82.7   |
| 167       | 37.4  | 30.0  | 45.0   |



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.72 ng

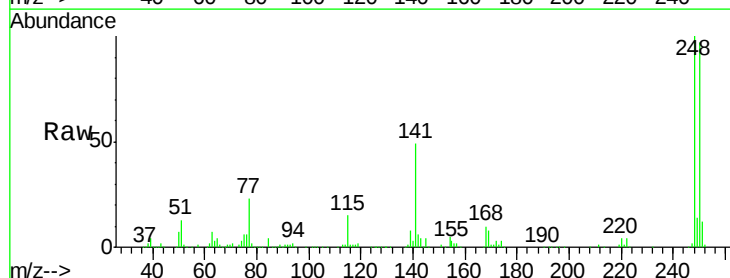
RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

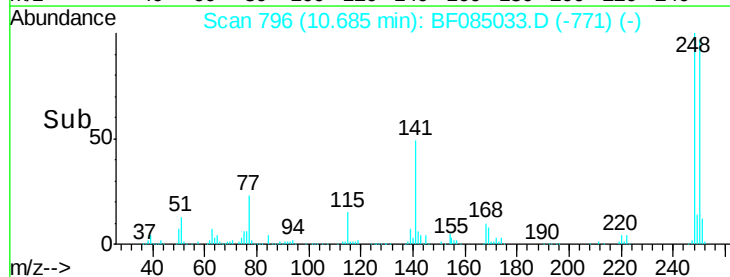
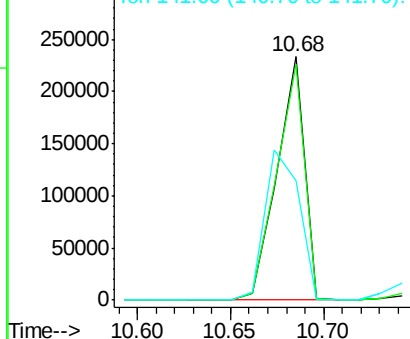
Lab File: BF085033.D

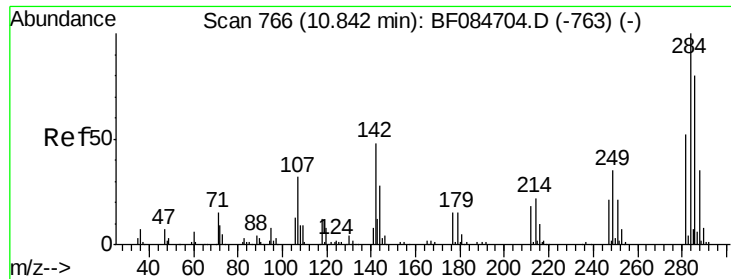
Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 239717 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.1  | 78.4  | 117.6  |
| 141       | 49.0  | 44.0  | 66.0   |



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





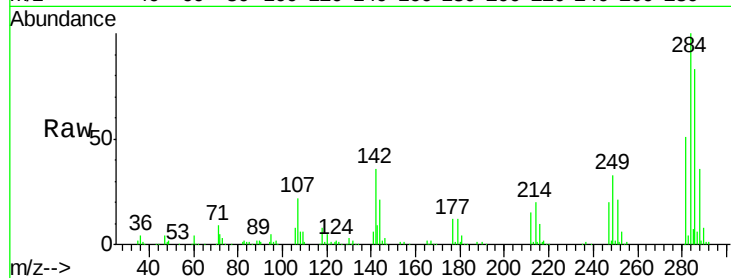
#67  
Hexachlorobenzene  
Concen: 40.01 ng  
RT: 10.74 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB88306BS

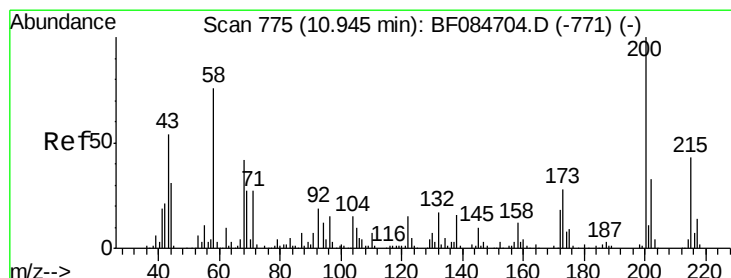
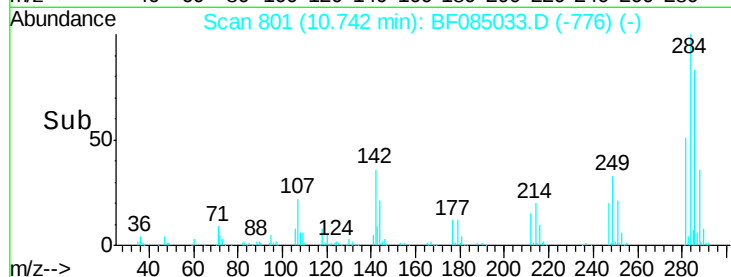
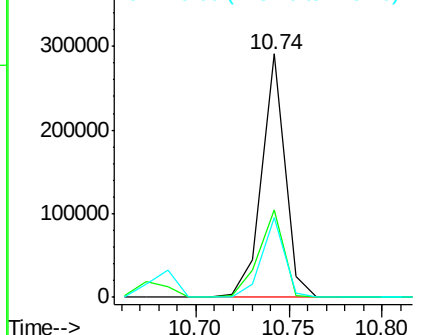
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 35.8  | 22.2       | 33.4#      |
| 249     | 32.9  | 24.6       | 37.0       |

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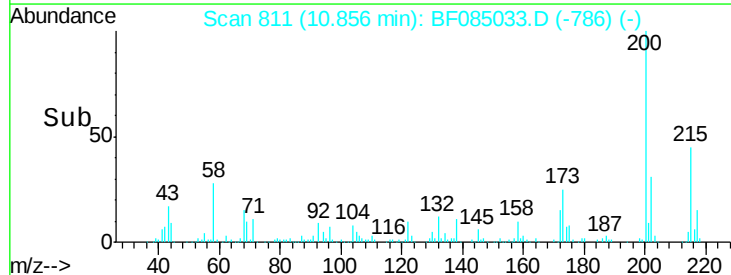
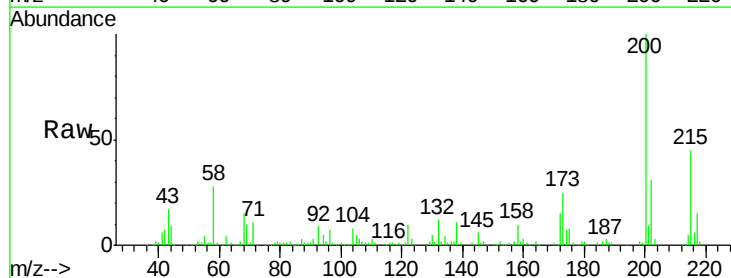
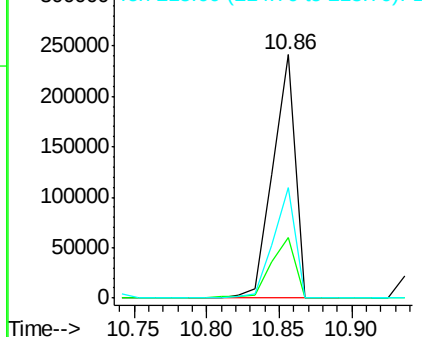
Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

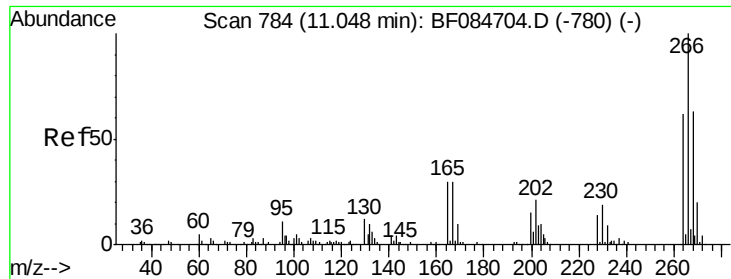


#68  
Atrazine  
Concen: 49.55 ng  
RT: 10.86 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 24.7  | 9.5        | 49.5       |
| 215     | 45.2  | 23.8       | 63.8       |

Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





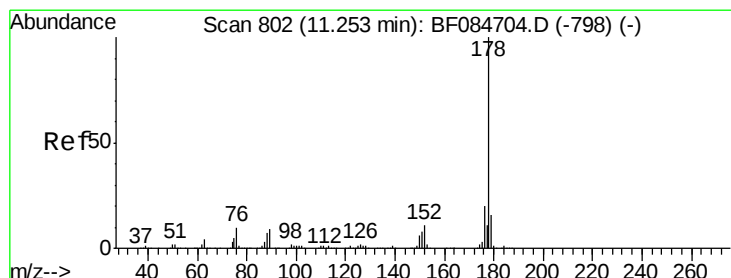
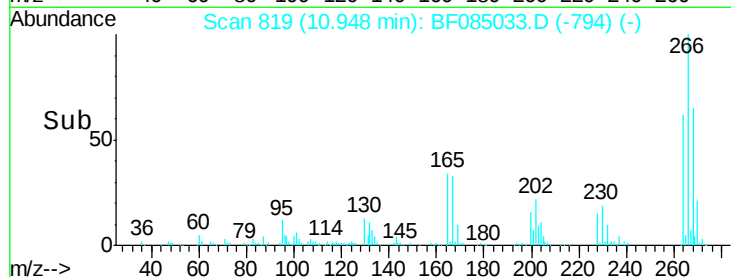
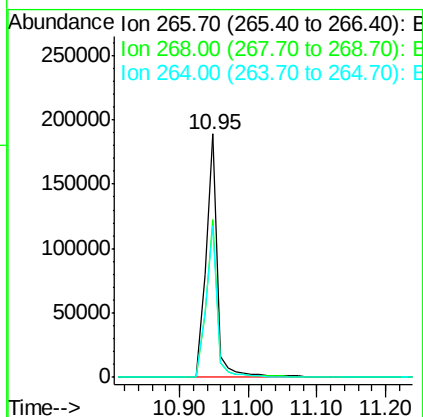
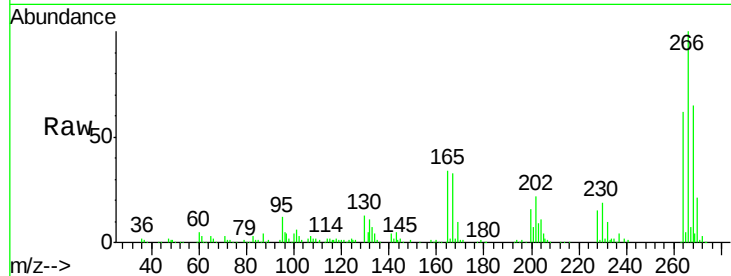
#69  
 Pentachlorophenol  
 Concen: 73.06 ng  
 RT: 10.95 min Scan# 819  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88306BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 214965 |       |       |
| 268     | 64.6  | 52.4   | 78.6  |       |
| 264     | 62.4  | 50.2   | 75.2  |       |

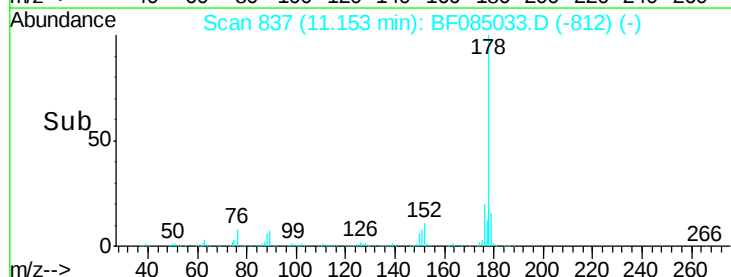
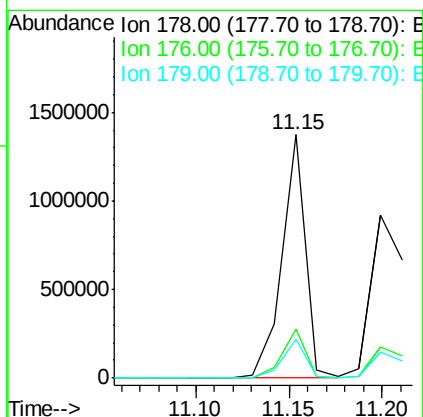
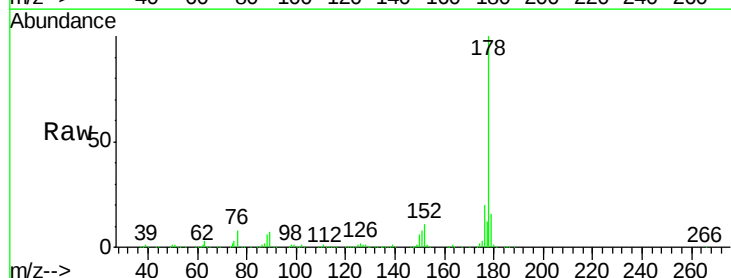
Manual Integrations  
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#70  
 Phenanthrene  
 Concen: 41.65 ng  
 RT: 11.15 min Scan# 837  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1201550 |       |       |
| 176     | 20.2  | 15.3    | 22.9  |       |
| 179     | 16.1  | 12.0    | 18.0  |       |





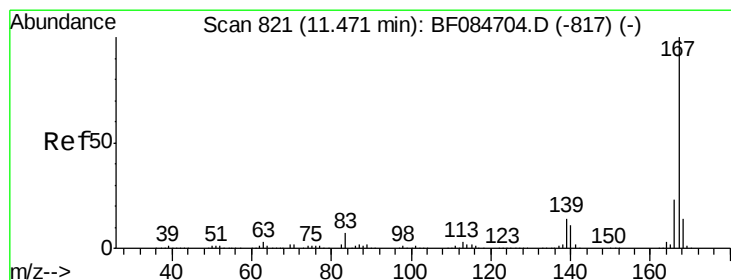
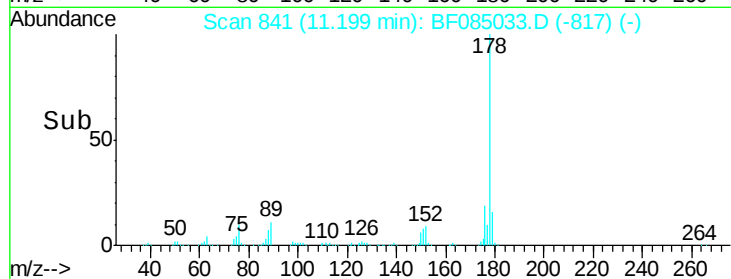
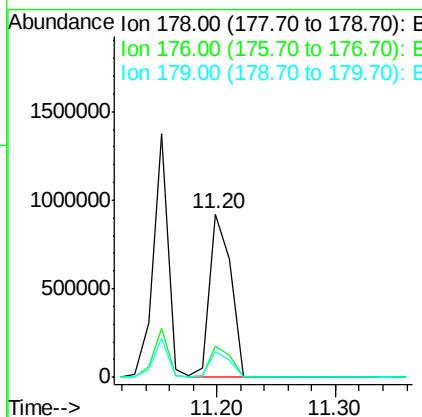
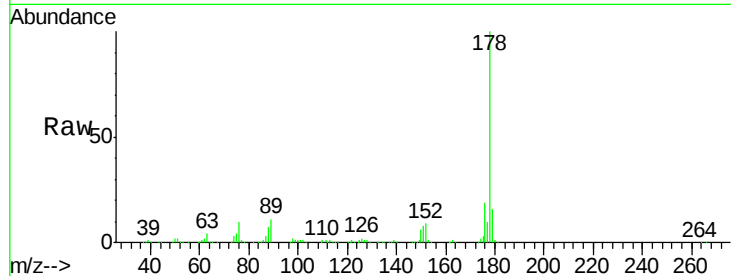
#71  
 Anthracene  
 Concen: 39.07 ng  
 RT: 11.20 min Scan# 841  
 Delta R.T. -0.02 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88306BS

Tgt Ion:178 Resp: 1135816  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.4 23.0  
 179 16.1 12.5 18.7

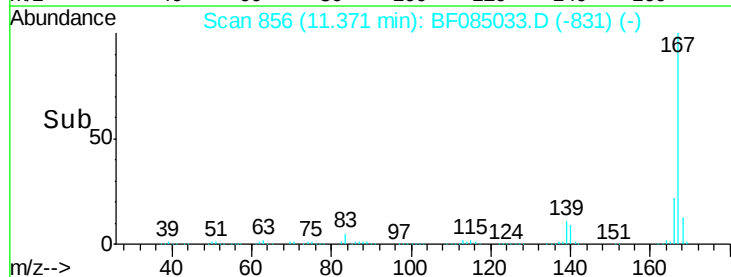
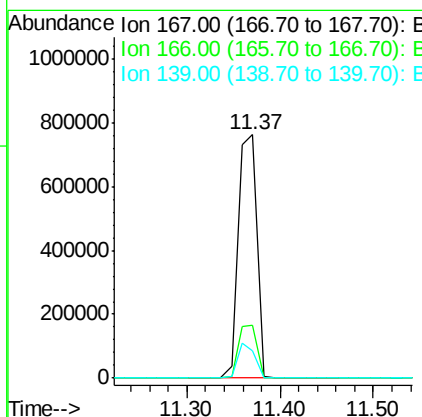
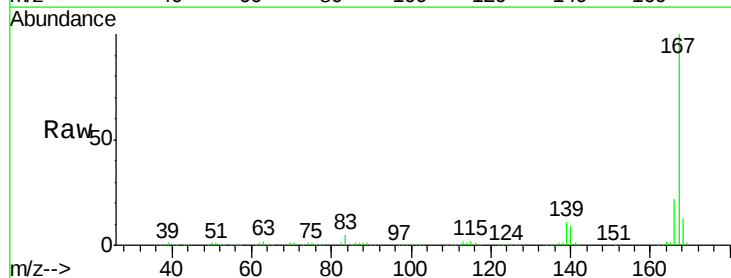
Manual Integrations  
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#72  
 Carbazole  
 Concen: 41.83 ng  
 RT: 11.37 min Scan# 856  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

Tgt Ion:167 Resp: 1060334  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.6 26.4  
 139 11.5 11.8 17.8#





#73

Di-n-butylphthalate

Concen: 36.73 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

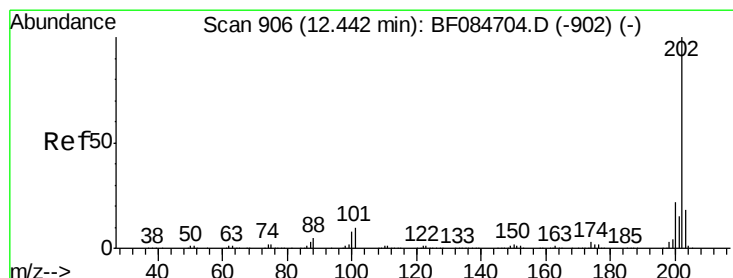
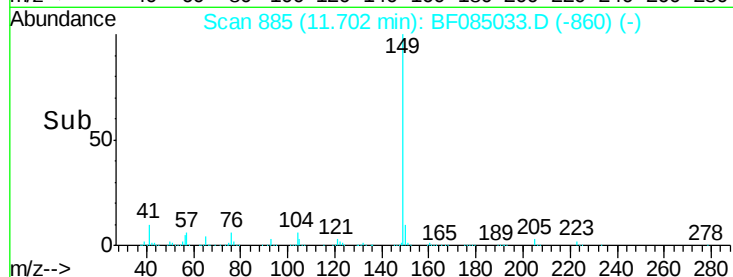
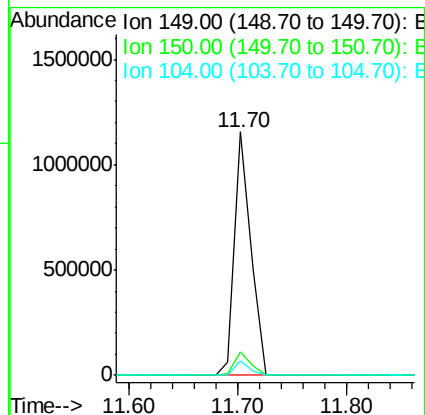
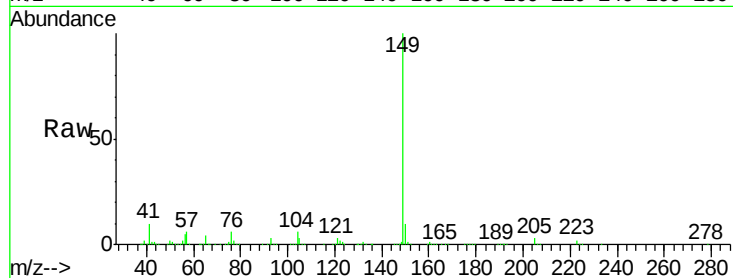
ClientSampleId :

PB88306BS

Manual Integrations  
APPROVED

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|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1185350 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 150       | 9.8   | 7.1   | 10.7    |
| 104       | 5.8   | 3.2   | 4.8#    |



#74

Fluoranthene

Concen: 36.96 ng

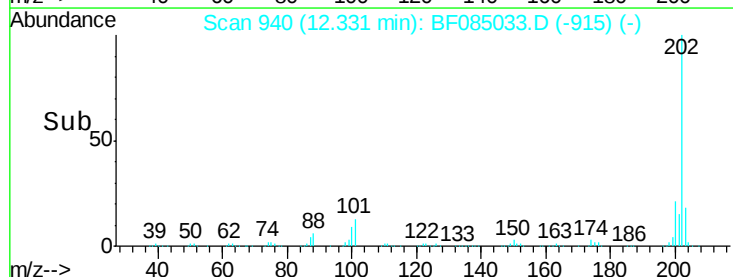
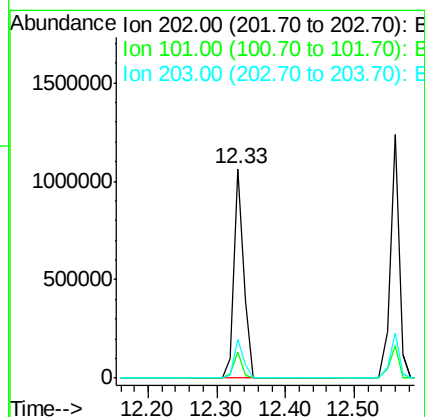
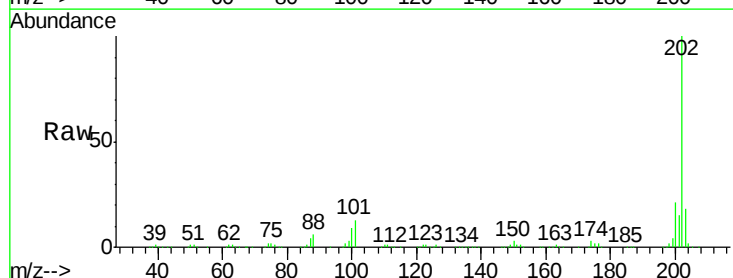
RT: 12.33 min Scan# 940

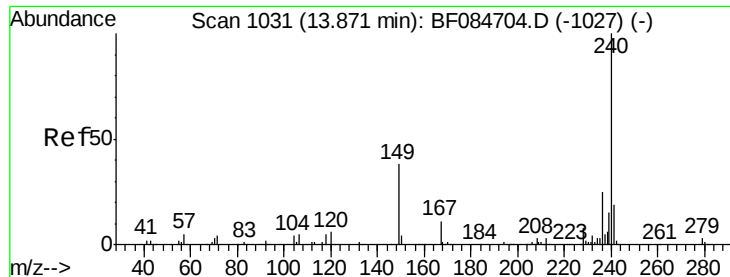
Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1079232 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 12.6  | 0.0   | 32.8    |
| 203       | 18.4  | 0.0   | 37.9    |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

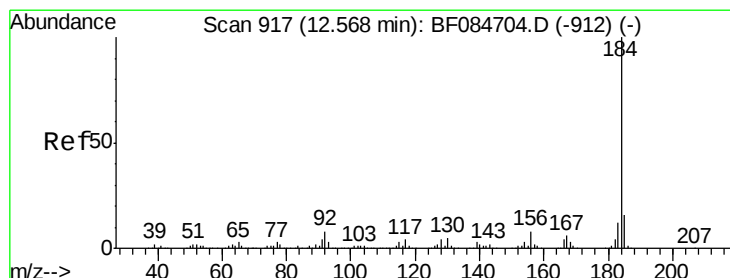
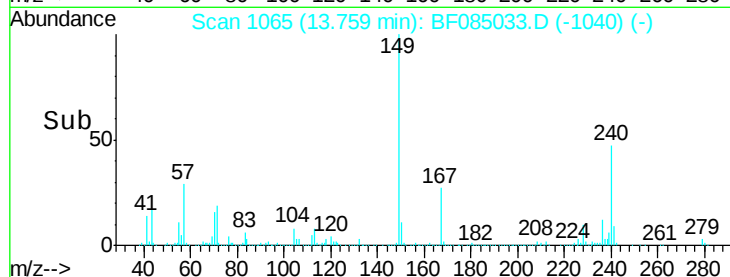
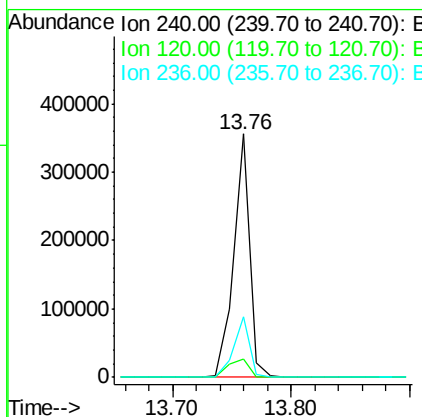
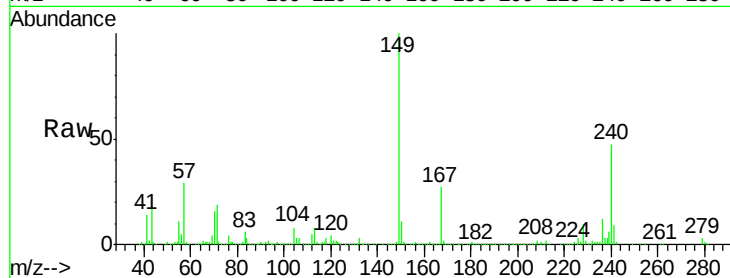
ClientSampleId :

PB88306BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 331301 |       |       |
| 120     | 7.8   | 9.5    | 14.3# |       |
| 236     | 24.9  | 20.6   | 31.0  |       |

Manual Integrations  
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#76

Benzidine

Concen: 44.42 ng

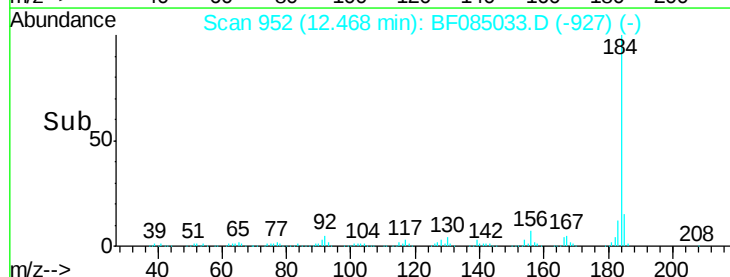
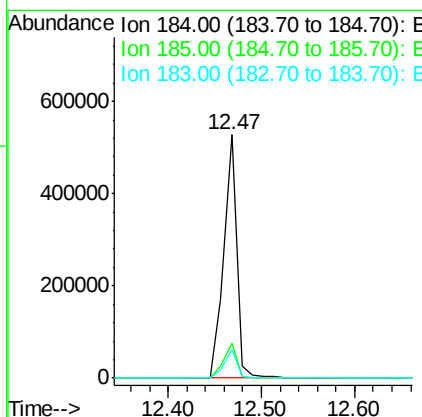
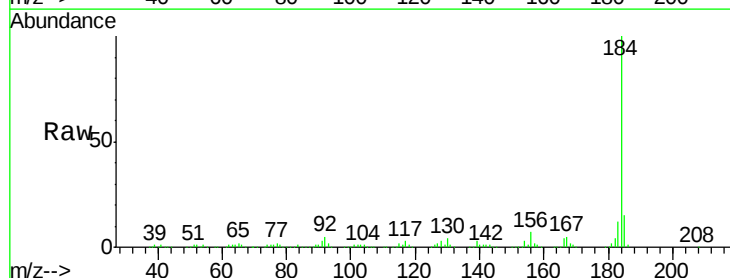
RT: 12.47 min Scan# 952

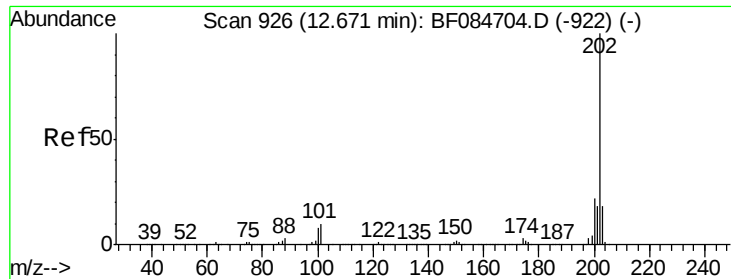
Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 509952 |       |       |
| 185     | 14.6  | 12.2   | 18.2  |       |
| 183     | 11.7  | 9.8    | 14.8  |       |





#77

Pyrene

Concen: 43.32 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

ClientSampleId :

PB88306BS

Tgt Ion: 202 Resp: 1098718

Ion Ratio Lower Upper

202 100

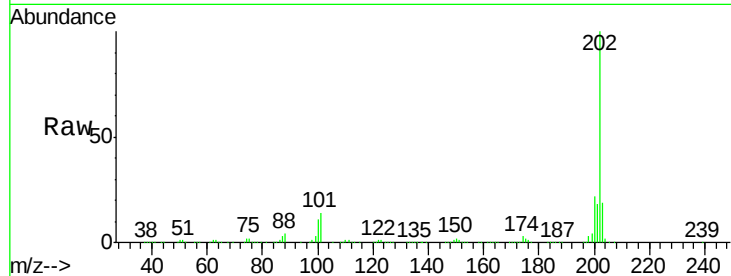
200 21.9 17.2 25.8

203 18.6 14.3 21.5

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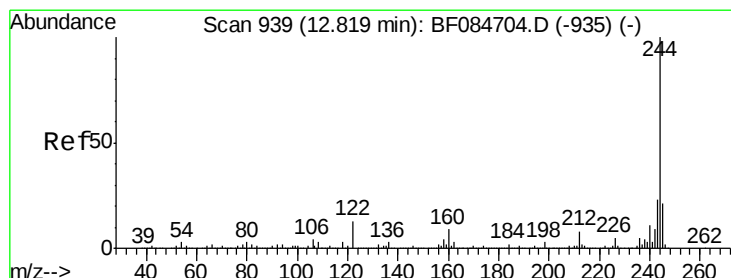
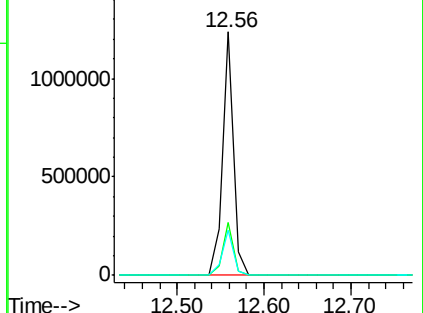
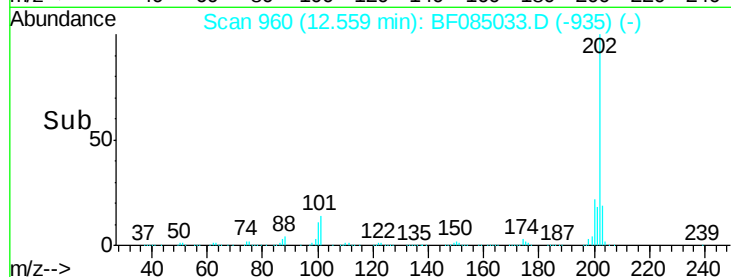
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.04 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

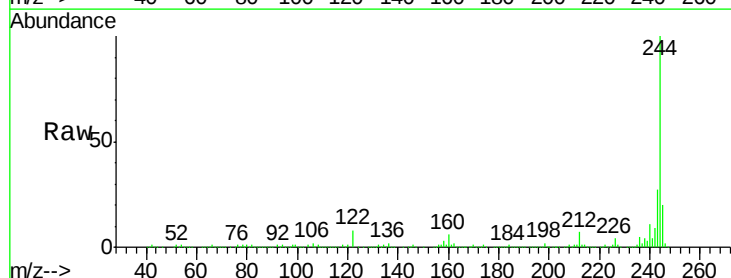
Tgt Ion: 244 Resp: 1462593

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

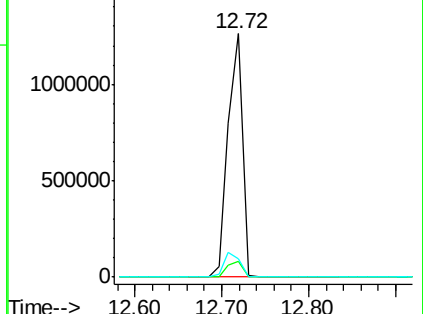
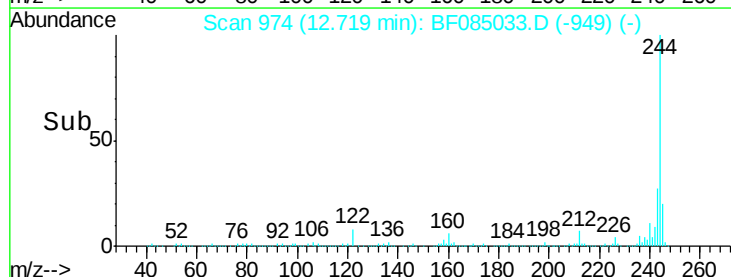
122 7.6 7.4 11.0

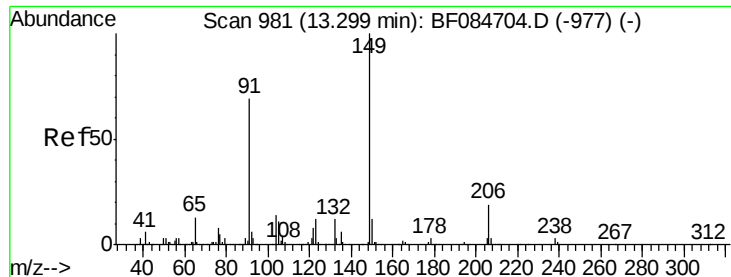


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





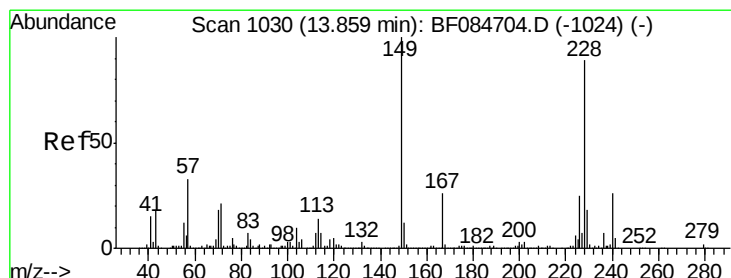
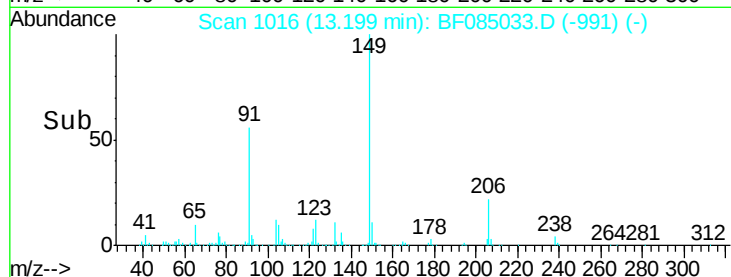
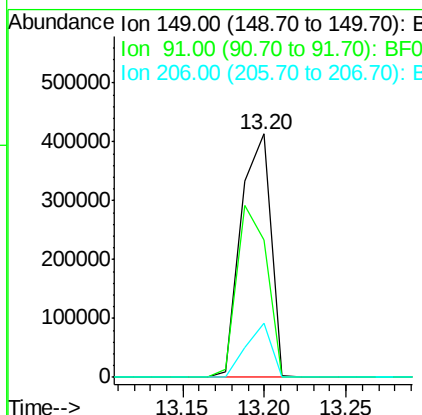
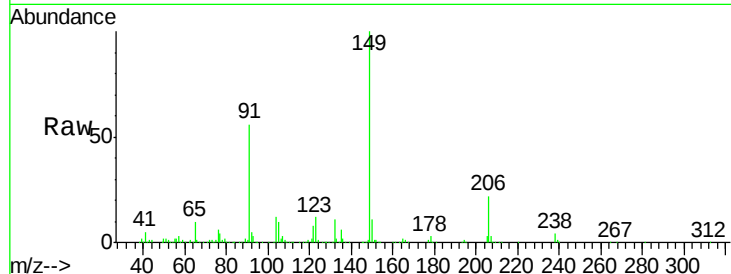
#79  
Butylbenzylphthalate  
Concen: 45.28 ng  
RT: 13.20 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

Instrument :  
BNA\_F  
ClientSampled :  
PB88306BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 56.5  | 57.6       | 86.4#      |
| 206     | 22.5  | 13.2       | 19.8#      |

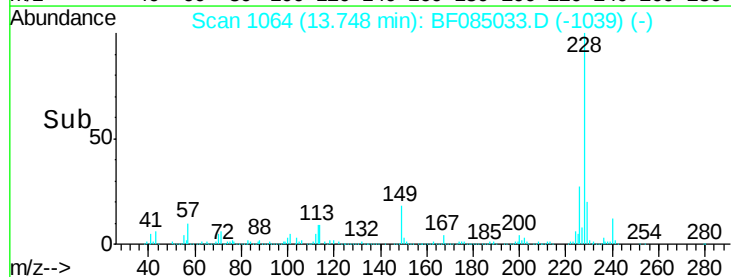
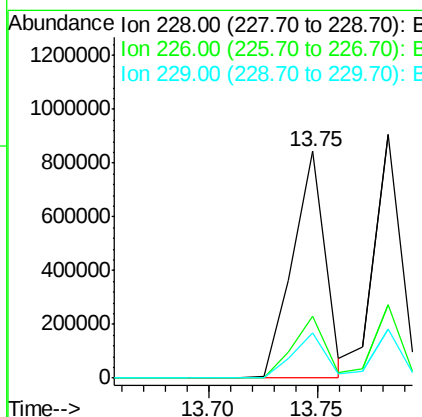
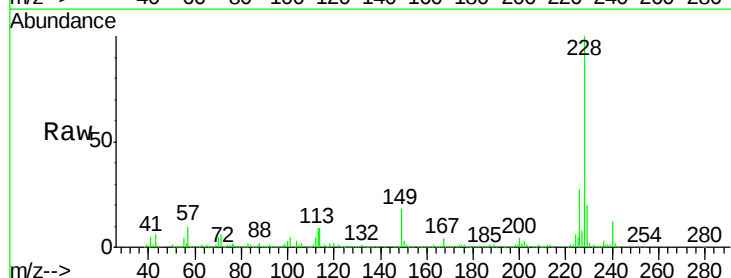
Manual Integrations  
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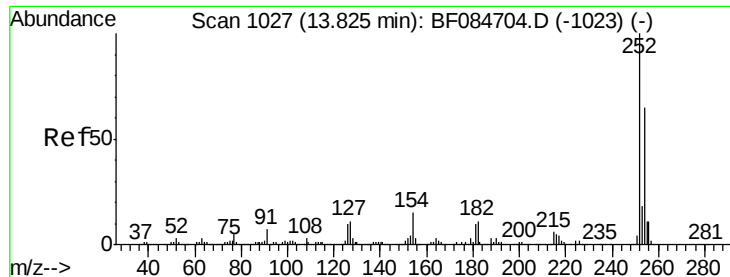
Sohil  
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#80  
Benzo(a)anthracene  
Concen: 42.99 ng  
RT: 13.75 min Scan# 1064  
Delta R.T. -0.01 min  
Lab File: BF085033.D  
Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.2  | 21.8       | 32.6       |
| 229     | 20.0  | 15.8       | 23.8       |





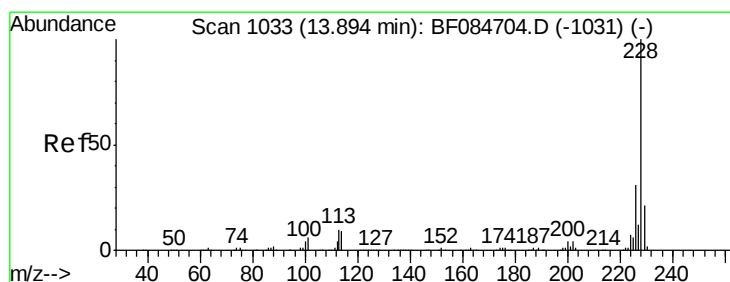
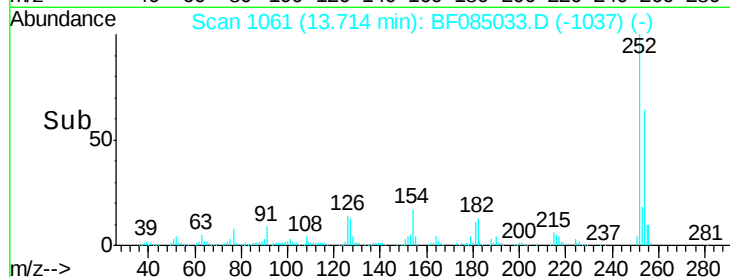
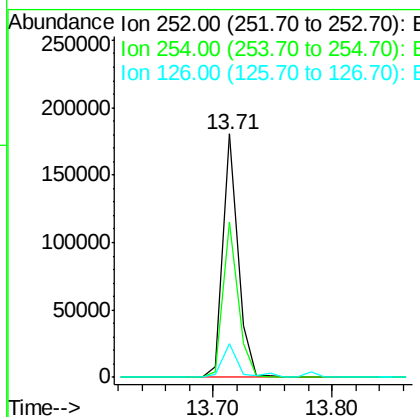
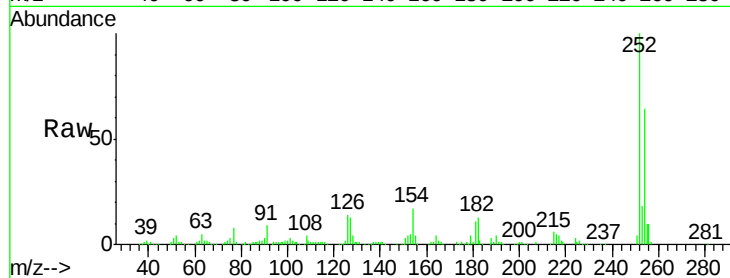
#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.76 ng  
 RT: 13.71 min Scan# 1061  
 Delta R.T. -0.02 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88306BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 64.0  | 53.5       | 80.3       |
| 126     | 13.6  | 4.9        | 7.3        |

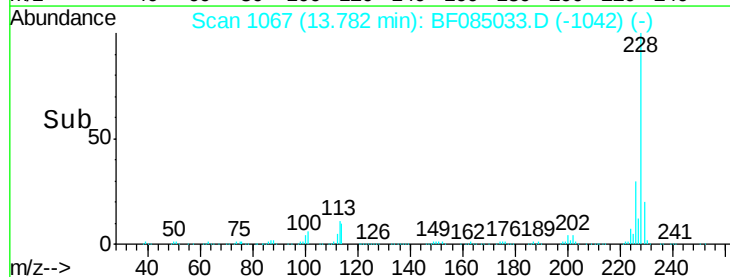
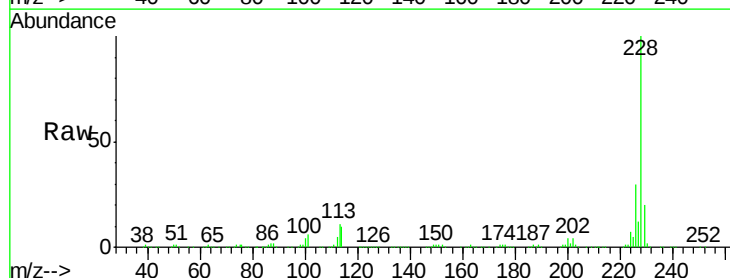
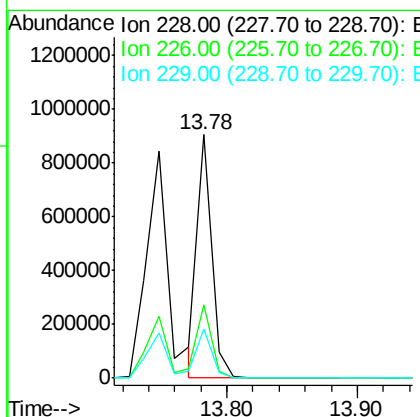
Manual Integrations  
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#82  
 Chrysene  
 Concen: 34.92 ng  
 RT: 13.78 min Scan# 1067  
 Delta R.T. -0.01 min  
 Lab File: BF085033.D  
 Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.1  | 24.3       | 36.5       |
| 229     | 20.3  | 16.1       | 24.1       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.36 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085033.D

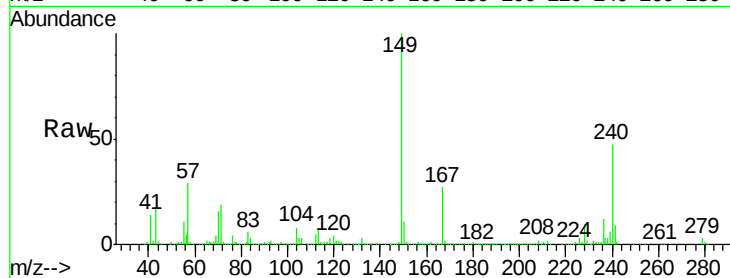
Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

ClientSampleId :

PB88306BS



Tgt Ion:149 Resp: 663852

Ion Ratio Lower Upper

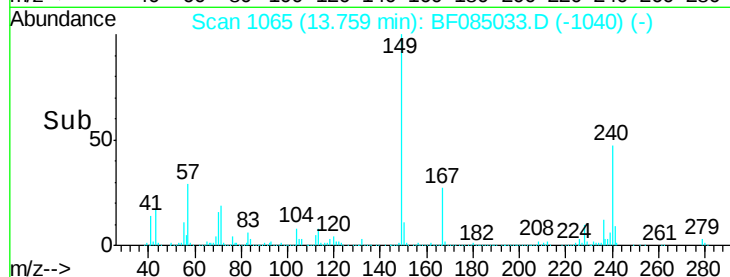
149 100

167 26.7 19.7 29.5

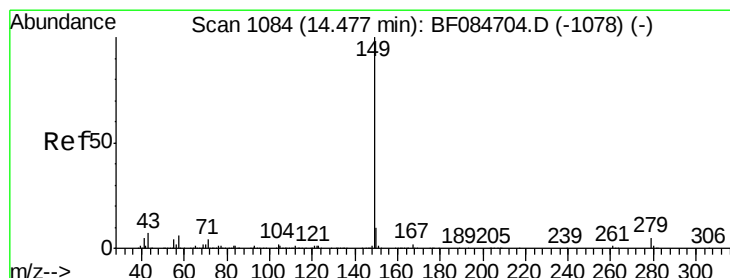
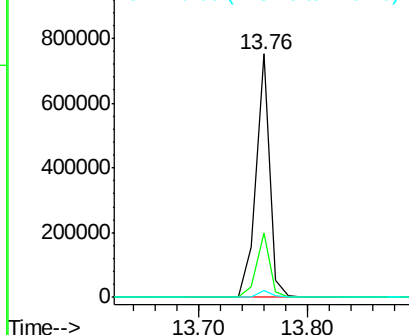
279 2.7 1.8 2.6#

Manual Integrations  
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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.27 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

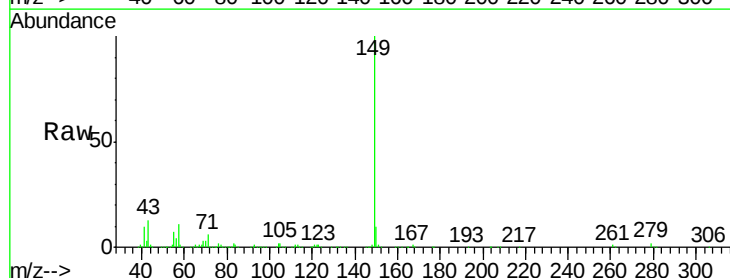
Tgt Ion:149 Resp: 998632

Ion Ratio Lower Upper

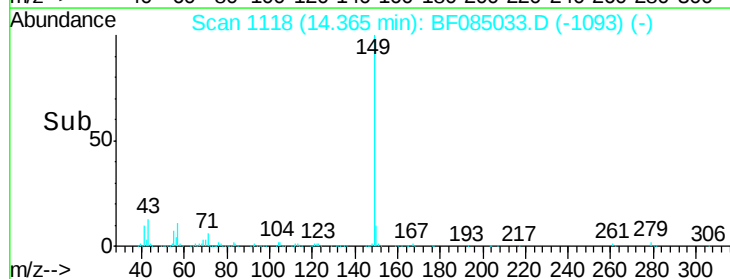
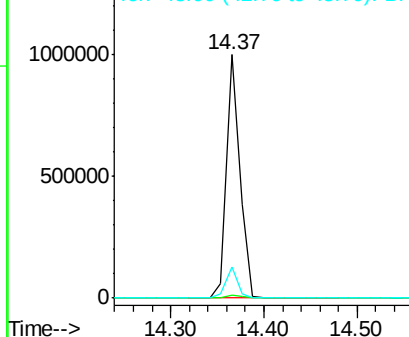
149 100

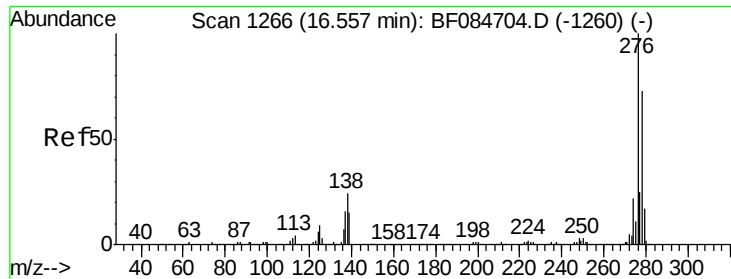
167 1.5 1.2 1.8

43 11.1 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.34 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF085033.D

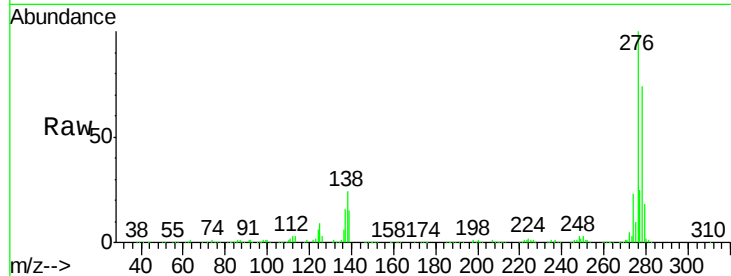
Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

ClientSampleId :

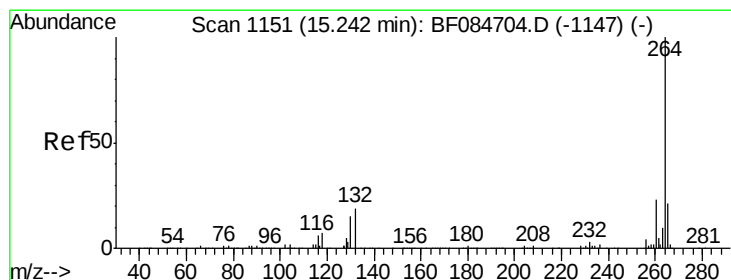
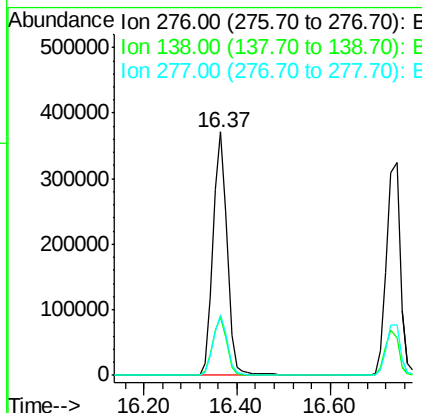
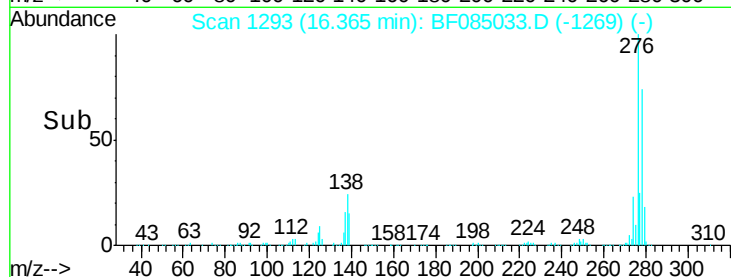
PB88306BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.1  | 20.6  | 30.8  |
| 277     | 24.7  | 20.1  | 30.1  |

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#86

Perylene-d12

Concen: 20.00 ng

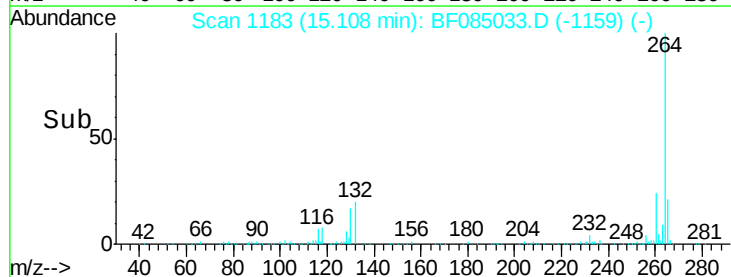
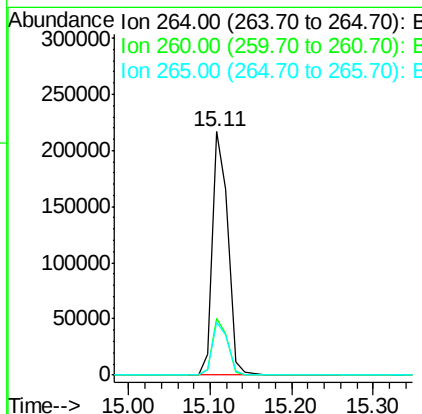
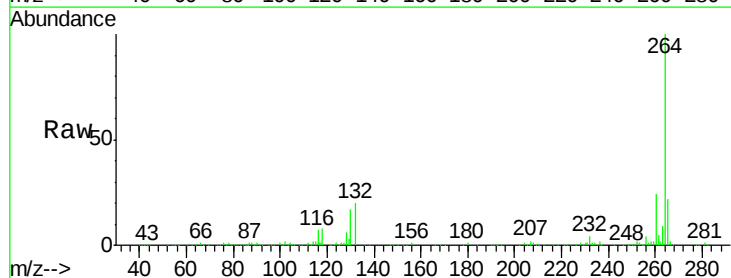
RT: 15.11 min Scan# 1183

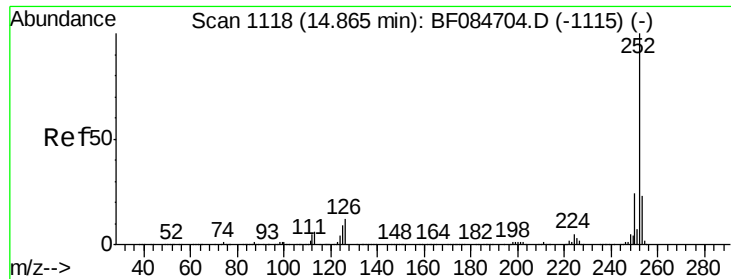
Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.4  | 29.2  |
| 265     | 21.8  | 17.8  | 26.6  |





#87

Benzo(b)fluoranthene

Concen: 47.40 ng m

RT: 14.75 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

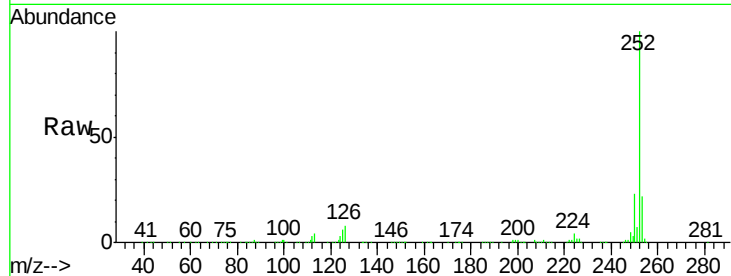
ClientSampleId :

PB88306BS

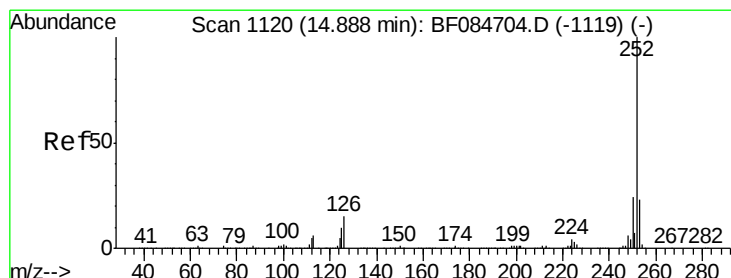
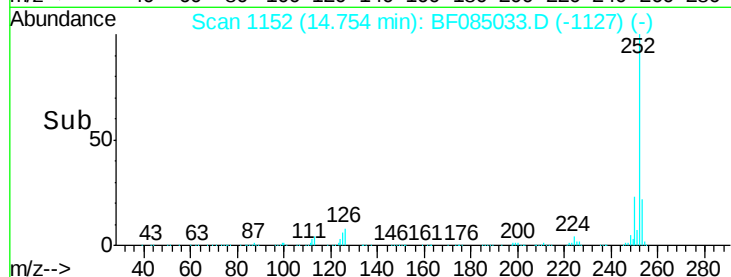
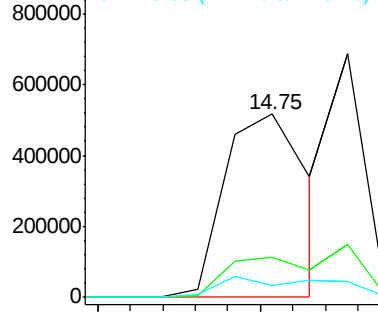
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.3  | 25.9  |
| 125     | 6.3   | 6.5   | 9.7#  |

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.29 ng m

RT: 14.78 min Scan# 1154

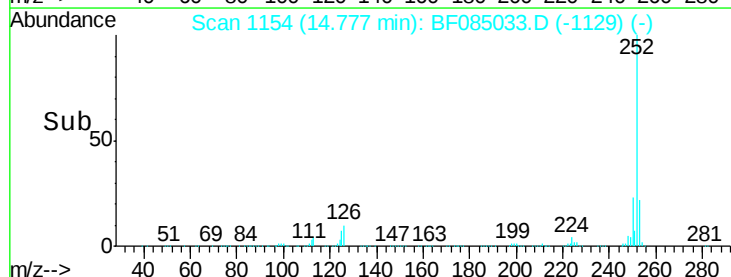
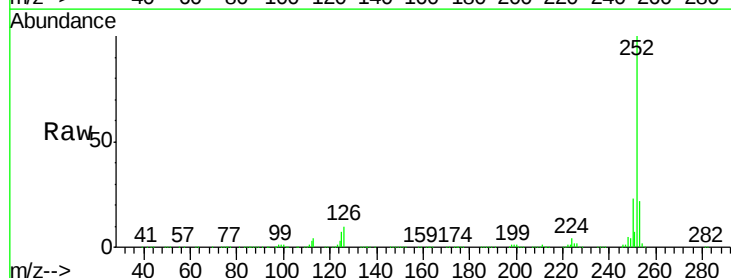
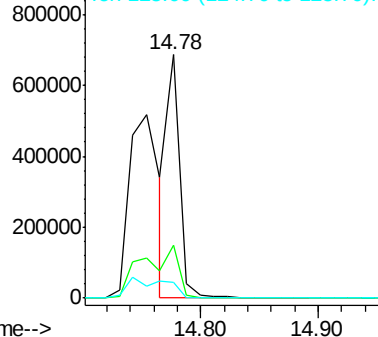
Delta R.T. -0.01 min

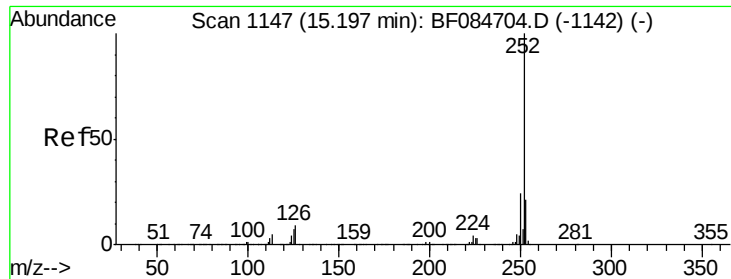
Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.1  | 27.1  |
| 125     | 6.7   | 9.0   | 13.6# |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.11 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

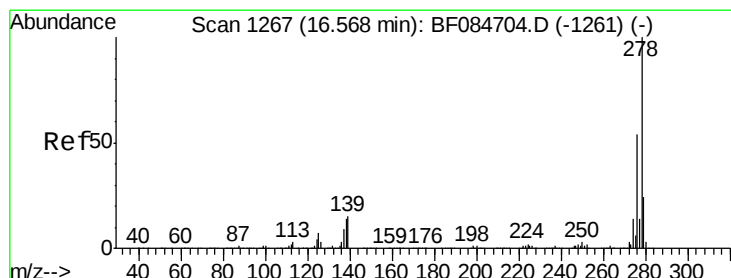
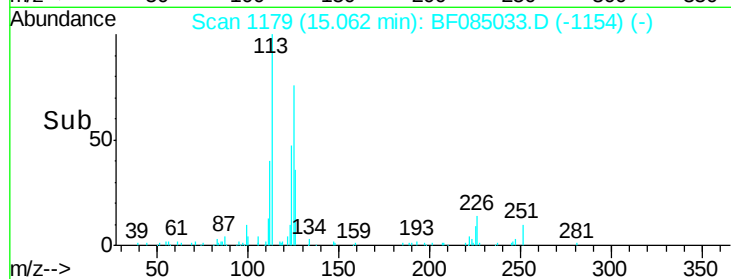
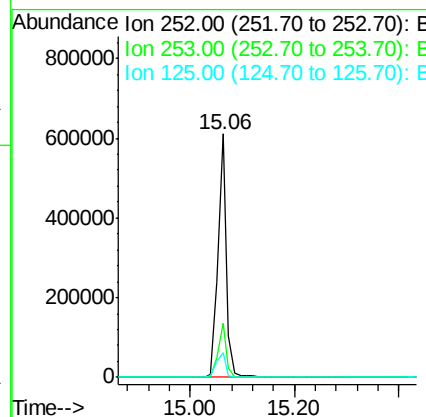
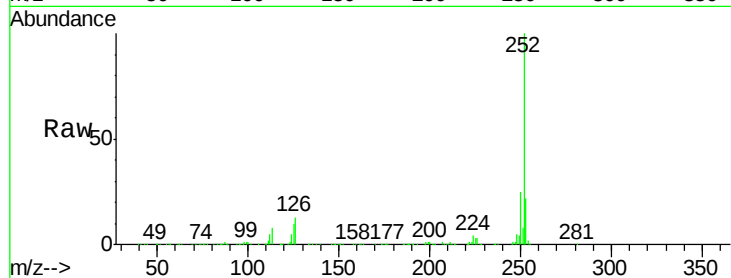
ClientSampleId :

PB88306BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 679185 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 17.3  | 25.9   |
| 125       | 10.3  | 7.0   | 10.4   |

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#90

Dibenzo(a,h)anthracene

Concen: 46.56 ng

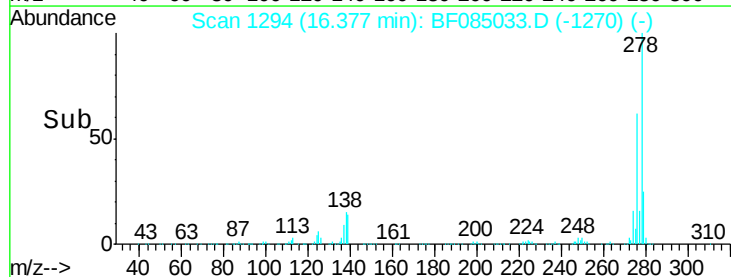
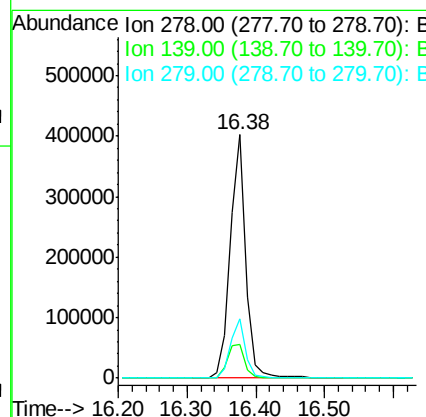
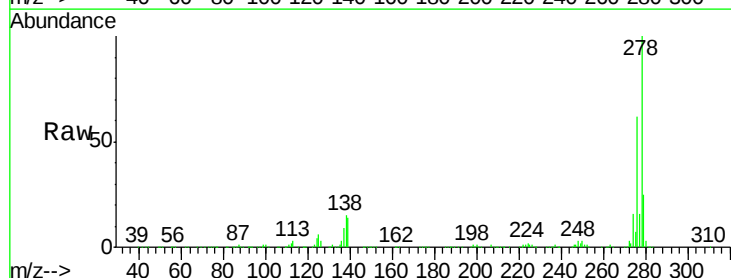
RT: 16.38 min Scan# 1294

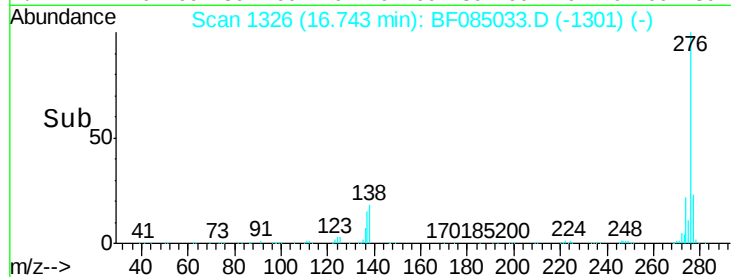
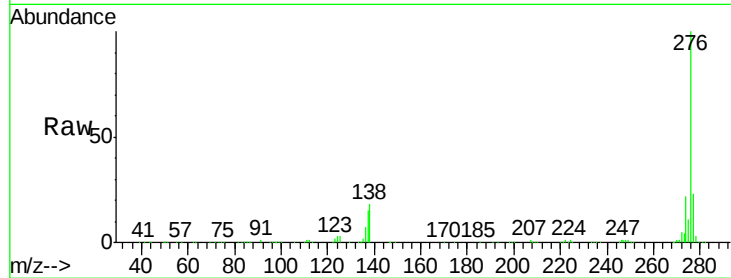
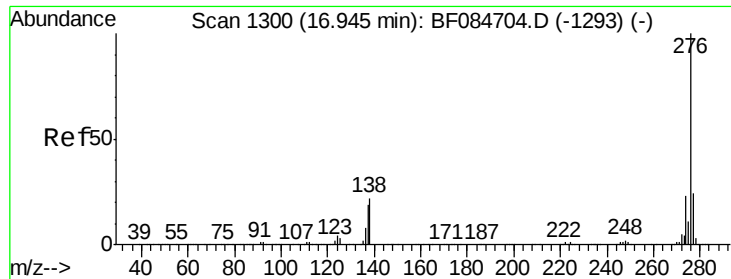
Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 647535 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 14.0  | 15.0  | 22.4#  |
| 279       | 24.6  | 18.9  | 28.3   |





#91

Benzo(g,h,i)perylene

Concen: 47.76 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA\_F

ClientSampleId :

PB88306BS

Tgt Ion: 276 Resp: 669046

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 17.6 17.8 26.6

Manual Integrations  
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