

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\  
 Data File : BF084086.D  
 Acq On : 24 Dec 2015 18:34  
 Operator : UM/SJ  
 Sample : PB87523BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

Manual Integrations  
 APPROVED

Sohil  
 12/28/2015 1:09:44 PM

Quant Time: Dec 25 04:13:15 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 24 16:48:39 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 48469    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 189079   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.84  | 164  | 87109    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.32 | 188  | 166460   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.96 | 240  | 118422   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.38 | 264  | 94493    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 219412 | 76.75 | ng | 0.01 |
| 7) Phenol-d6             | 6.45  | 99  | 264310 | 74.72 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 245183 | 75.90 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 70999  | 76.43 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.16  | 172 | 486442 | 76.41 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.90 | 244 | 454813 | 69.50 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.43 | 88  | 36732   | 31.35 | ng | # 95   |
| 3) Pyridine                    | 3.14 | 79  | 113639  | 39.71 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.09 | 42  | 48106   | 38.15 | ng | 97     |
| 6) Aniline                     | 6.46 | 93  | 87082   | 19.47 | ng | # 7    |
| 8) 2-Chlorophenol              | 6.59 | 128 | 140713  | 39.64 | ng | 94     |
| 9) Benzaldehyde                | 6.35 | 77  | 35057   | 18.53 | ng | 85     |
| 10) Phenol                     | 6.46 | 94  | 150062  | 37.09 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 109273  | 37.45 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.74 | 146 | 144282  | 37.23 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 144324m | 37.00 | ng |        |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 136729  | 38.04 | ng | 98     |
| 15) Benzyl Alcohol             | 6.94 | 79  | 109948  | 41.04 | ng | # 88   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 101243  | 35.52 | ng | # 50   |
| 17) 2-Methylphenol             | 7.07 | 107 | 102970  | 37.77 | ng | # 91   |
| 18) Hexachloroethane           | 7.31 | 117 | 53621   | 37.67 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 86519   | 39.71 | ng | # 89   |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 142237  | 40.90 | ng | # 49   |
| 22) Acetophenone               | 7.21 | 105 | 179661  | 38.03 | ng | # 92   |
| 24) Nitrobenzene               | 7.39 | 77  | 124553  | 36.31 | ng | # 82   |
| 25) Isophorone                 | 7.63 | 82  | 233479  | 39.08 | ng | 95     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 69362   | 39.52 | ng | # 79   |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 126394  | 43.39 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 136678  | 39.24 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 109671  | 40.53 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 115713  | 39.02 | ng | 97     |
| 31) Naphthalene                | 8.11 | 128 | 396379  | 39.40 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 58256   | 41.70 | ng | 99     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 45033   | 11.25 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 62577   | 37.00 | ng | 99     |
| 35) Caprolactam                | 8.53 | 113 | 35430m  | 47.21 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 124782  | 41.01 | ng | 93     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 257625  | 40.91 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 112114  | 40.83 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.96 | 237 | 69440   | 84.78 | ng | 94     |

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 BNA\_F  
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 PB87523BS

Manual Integrations  
 APPROVED

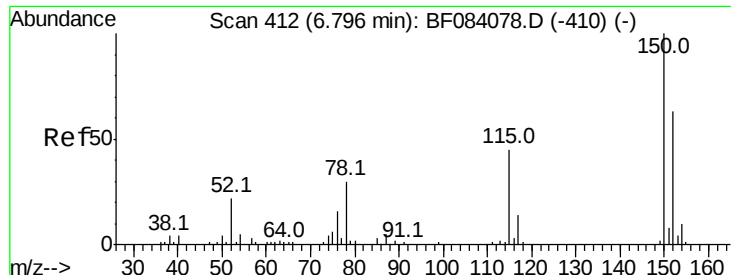
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 12/28/2015 1:09:44 PM

Quant Time: Dec 25 04:13:15 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.08  | 196  | 69064    | 38.57 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.14  | 196  | 71514    | 39.90 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 9.26  | 154  | 333405   | 42.37 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 250358   | 41.85 | nq    | 95       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 70542    | 44.37 | nq    | # 63     |
| 48) Acenaphthylene             | 9.70  | 152  | 377389   | 38.41 | nq    | 99       |
| 49) Dimethylphthalate          | 9.57  | 163  | 303160   | 42.02 | nq    | # 91     |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 67068    | 43.80 | nq    | # 81     |
| 51) Acenaphthene               | 9.87  | 154  | 223276   | 39.07 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.80  | 138  | 29874    | 18.18 | nq    | # 70     |
| 53) 2,4-Dinitrophenol          | 9.92  | 184  | 44334    | 76.11 | nq    | 97       |
| 54) Dibenzofuran               | 10.04 | 168  | 325995   | 41.48 | nq    | 91       |
| 55) 4-Nitrophenol              | 9.98  | 139  | 68517    | 81.68 | nq    | # 74     |
| 56) 2,4-Dinitrotoluene         | 10.04 | 165  | 86834    | 42.96 | nq    | 88       |
| 57) Fluorene                   | 10.38 | 166  | 263774   | 39.49 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 58926    | 46.12 | nq    | 99       |
| 59) Diethylphthalate           | 10.27 | 149  | 291356   | 39.76 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204  | 113486   | 36.84 | nq    | # 79     |
| 61) 4-Nitroaniline             | 10.42 | 138  | 68064    | 44.81 | nq    | 93       |
| 62) Azobenzene                 | 10.53 | 77   | 269485   | 44.63 | nq    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 36431    | 39.43 | nq    | 81       |
| 65) n-Nitrosodiphenylamine     | 10.50 | 169  | 253090   | 42.65 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.86 | 248  | 78038    | 40.47 | nq    | # 79     |
| 67) Hexachlorobenzene          | 10.93 | 284  | 79942    | 37.86 | nq    | # 68     |
| 68) Atrazine                   | 11.02 | 200  | 66121    | 37.00 | nq    | 97       |
| 69) Pentachlorophenol          | 11.14 | 266  | 58233    | 83.49 | nq    | 96       |
| 70) Phenanthrene               | 11.34 | 178  | 393151   | 39.84 | nq    | 99       |
| 71) Anthracene                 | 11.40 | 178  | 405215   | 39.27 | nq    | 99       |
| 72) Carbazole                  | 11.55 | 167  | 344244   | 39.22 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.88 | 149  | 436580   | 38.60 | nq    | # 98     |
| 74) Fluoranthene               | 12.53 | 202  | 427094   | 40.69 | nq    | 96       |
| 76) Benzidine                  | 12.65 | 184  | 101810   | 25.29 | nq    | 99       |
| 77) Pyrene                     | 12.76 | 202  | 433866   | 42.47 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.38 | 149  | 181155   | 42.83 | nq    | # 77     |
| 80) Benzo(a)anthracene         | 13.95 | 228  | 304541   | 41.81 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.91 | 252  | 59230    | 26.85 | nq    | # 95     |
| 82) Chrysene                   | 13.99 | 228  | 289668   | 43.12 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 239712   | 43.87 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 14.55 | 149  | 340160   | 44.24 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.76 | 276  | 274891   | 40.87 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 14.98 | 252  | 288888m  | 41.17 | nq    |          |
| 88) Benzo(k)fluoranthene       | 15.00 | 252  | 211085m  | 44.39 | nq    |          |
| 89) Benzo(a)pyrene             | 15.32 | 252  | 239524   | 41.43 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.77 | 278  | 227024   | 40.24 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 17.19 | 276  | 230817   | 40.08 | nq    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB87523BS

Tot Ion:152 Resp: 48469

Ion Ratio Lower Upper

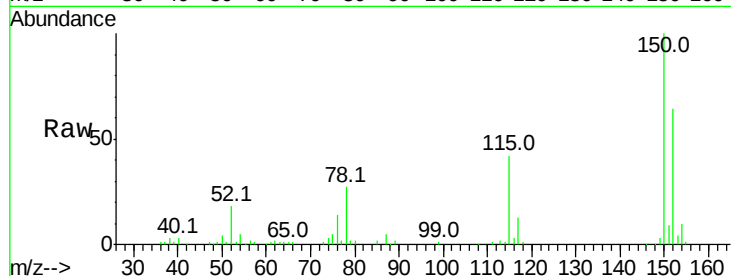
152 100

150 157.2 123.0 184.4

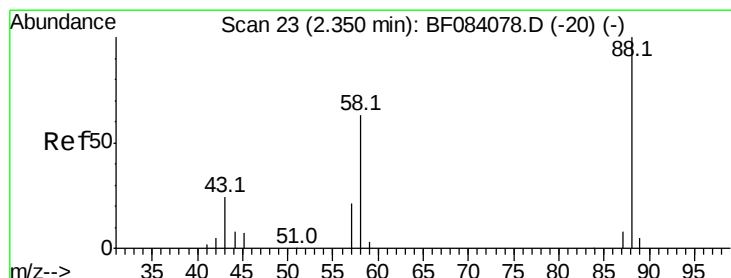
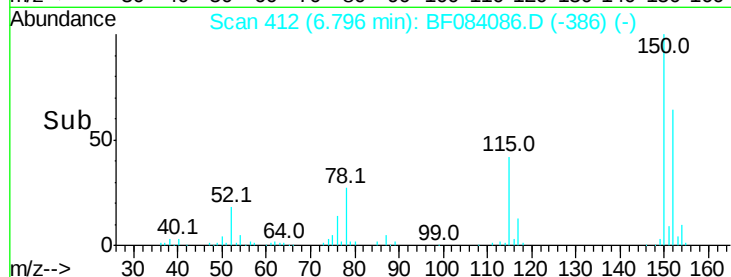
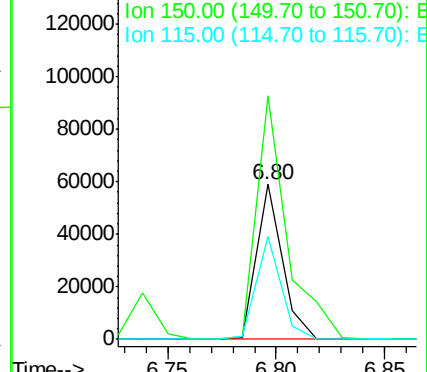
115 66.1 51.4 77.2

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



#2

1,4-Dioxane

Concen: 31.35 ng

RT: 2.43 min Scan# 30

Delta R.T. 0.08 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

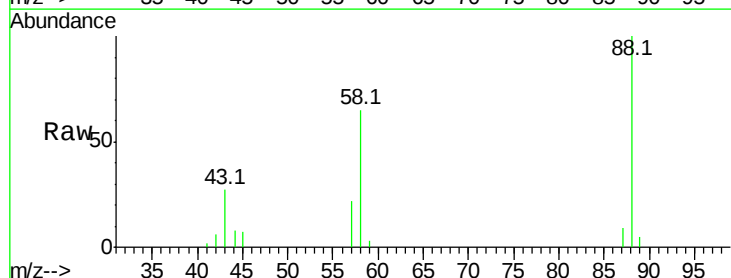
Tgt Ion: 88 Resp: 36732

Ion Ratio Lower Upper

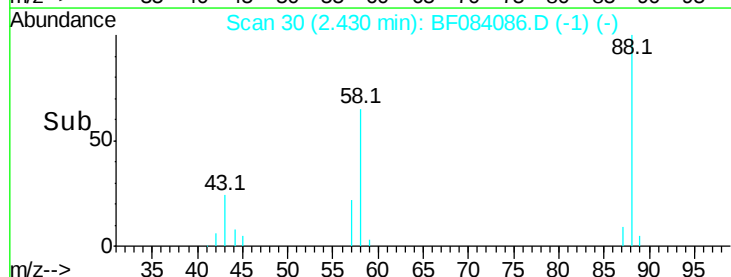
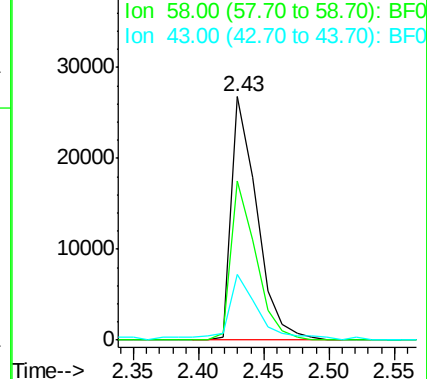
88 100

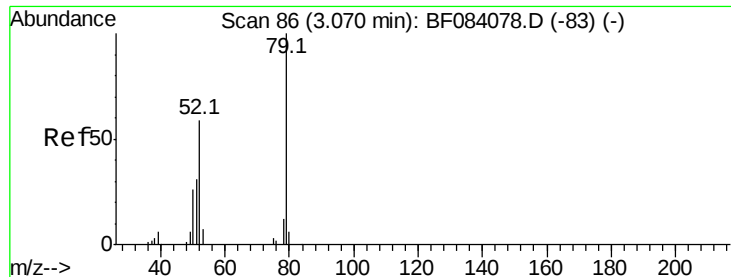
58 63.4 51.2 76.8

43 32.9 19.5 29.3#



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





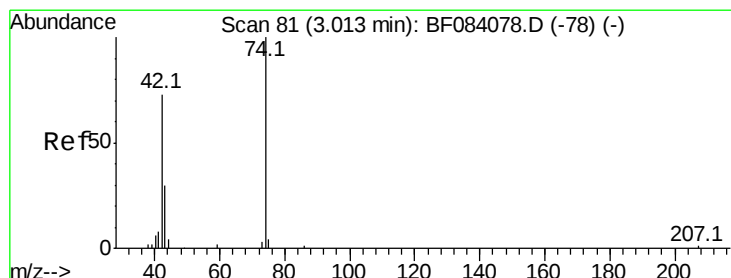
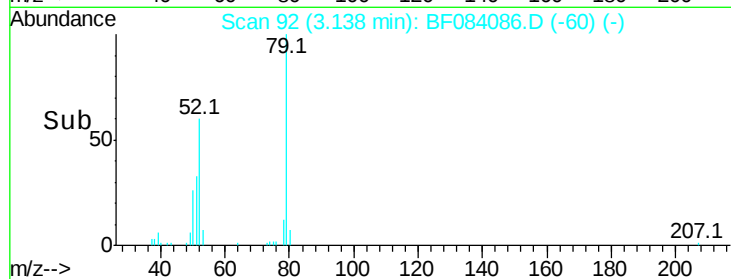
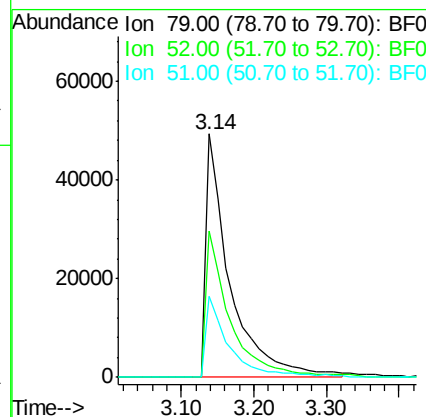
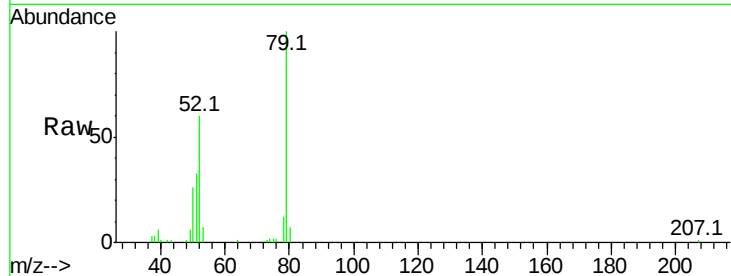
#3  
 Pvridine  
 Concen: 39.71 ng  
 RT: 3.14 min Scan# 92  
 Delta R.T. 0.07 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 113639 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 60.0  | 49.0  | 73.4   |
| 51        | 33.2  | 25.2  | 37.8   |

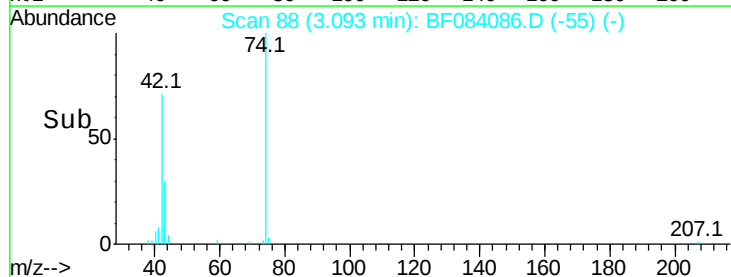
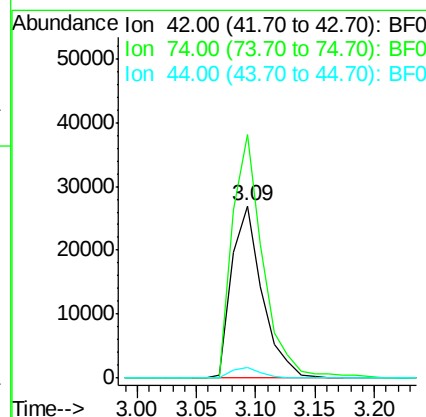
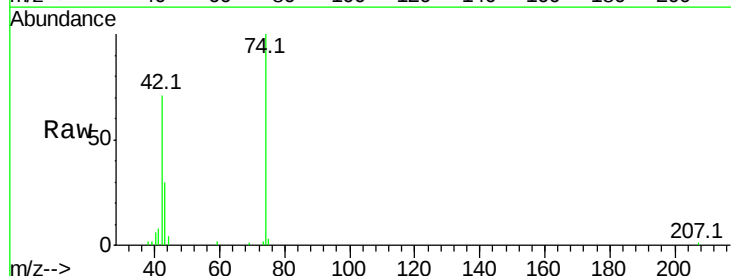
Manual Integrations  
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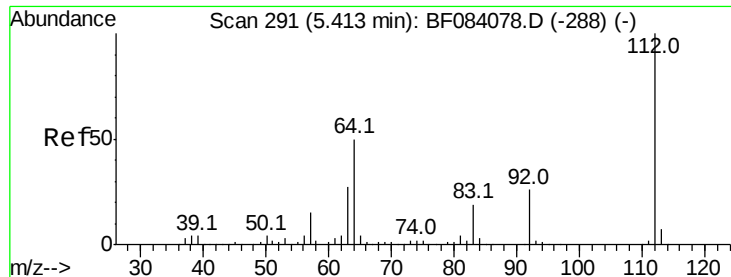
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#4  
 n-Nitrosodimethylamine  
 Concen: 38.15 ng  
 RT: 3.09 min Scan# 88  
 Delta R.T. 0.08 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 48106 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 141.2 | 115.7 | 173.5 |
| 44        | 6.1   | 5.1   | 7.7   |





#5

2-Fluorophenol

Concen: 76.75 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

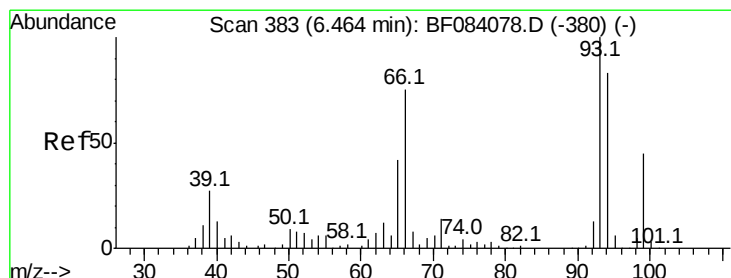
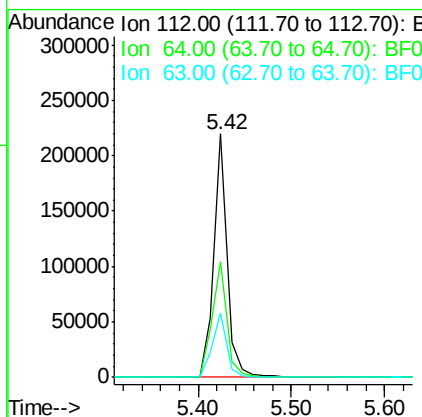
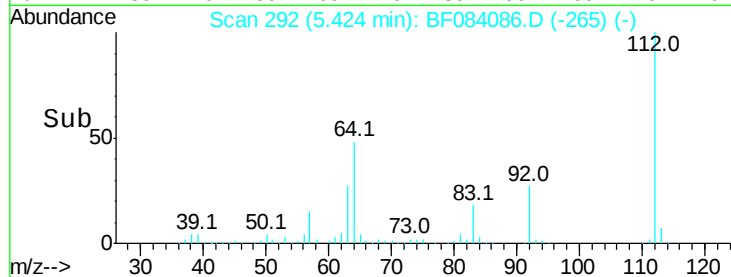
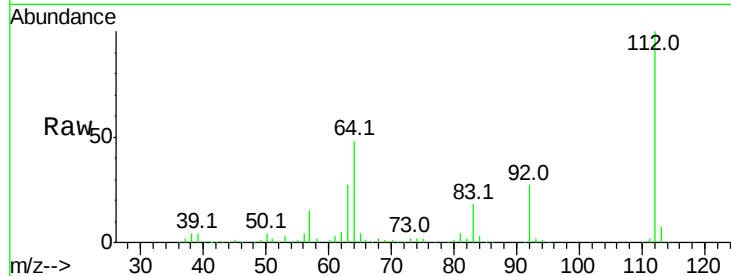
ClientSampleId :

PB87523BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 219412 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 47.6  | 36.6  | 55.0   |
| 63        | 26.6  | 19.4  | 29.0   |

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#6

Aniline

Concen: 19.47 ng

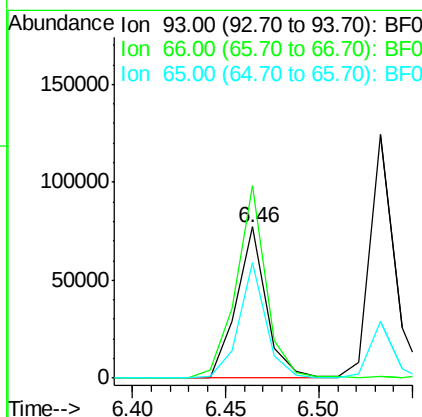
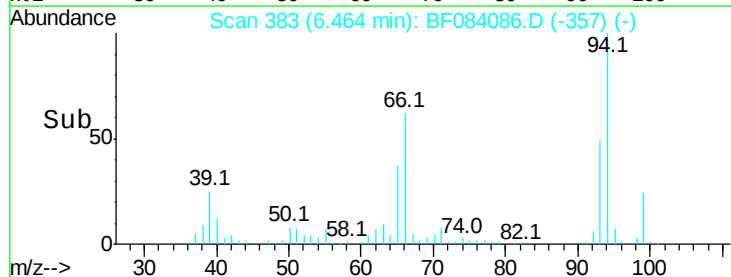
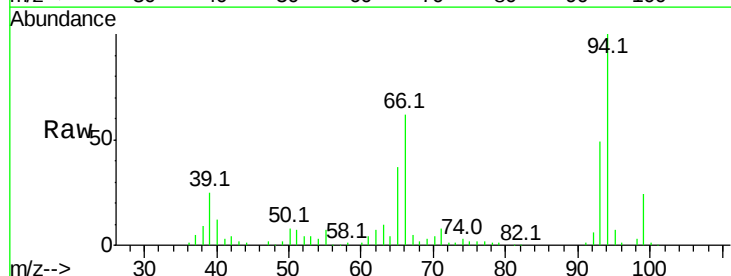
RT: 6.46 min Scan# 383

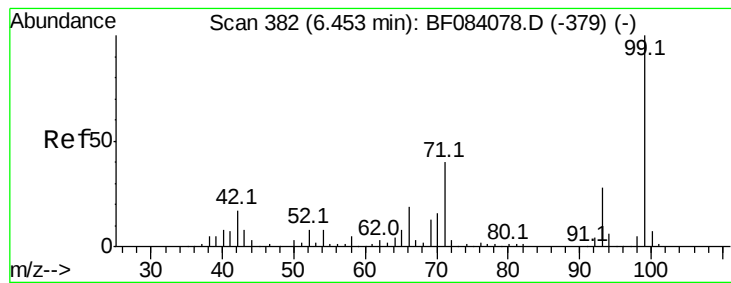
Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 87082 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 127.0 | 44.9  | 67.3# |
| 65        | 76.2  | 23.7  | 35.5# |





#7

Phenol-d6

Concen: 74.72 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

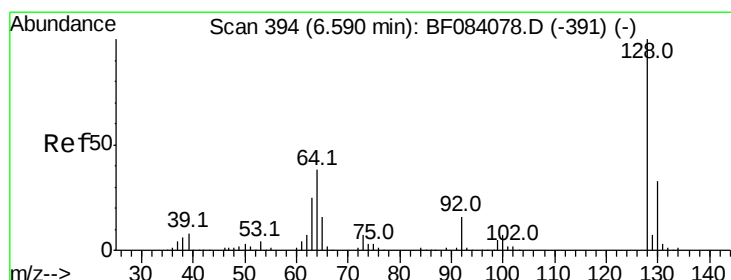
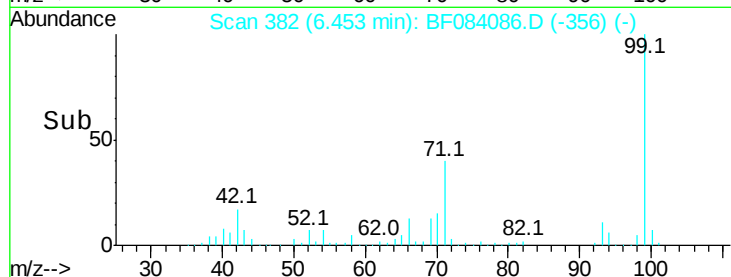
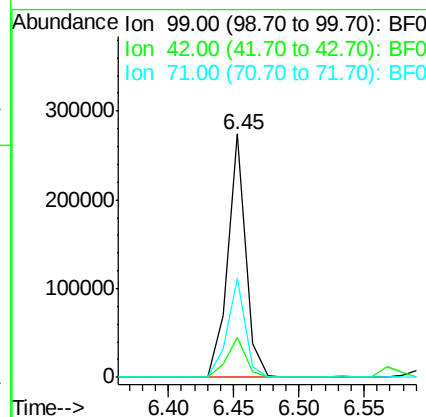
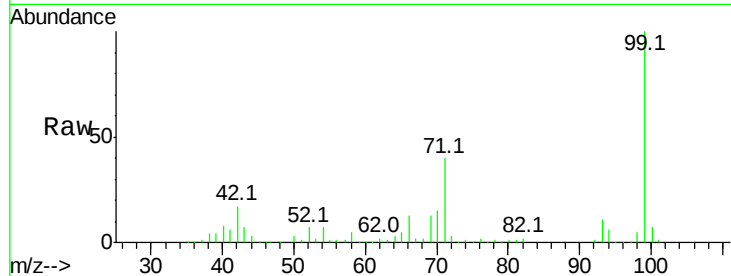
ClientSampleId :

PB87523BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 264310 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.6  | 12.8  | 19.2   |
| 71        | 40.4  | 30.9  | 46.3   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 39.64 ng

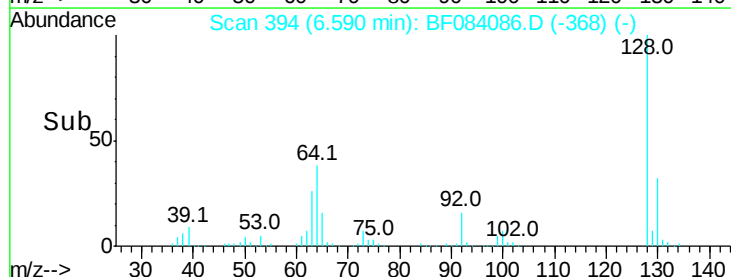
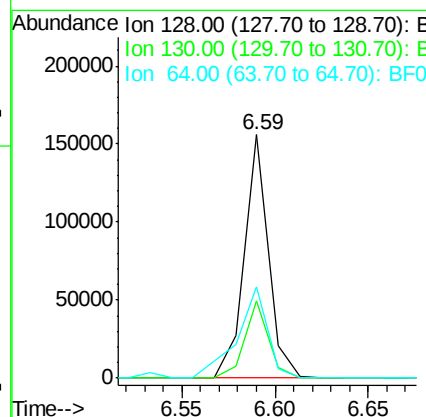
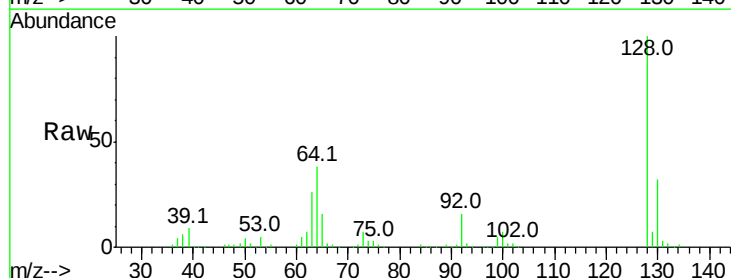
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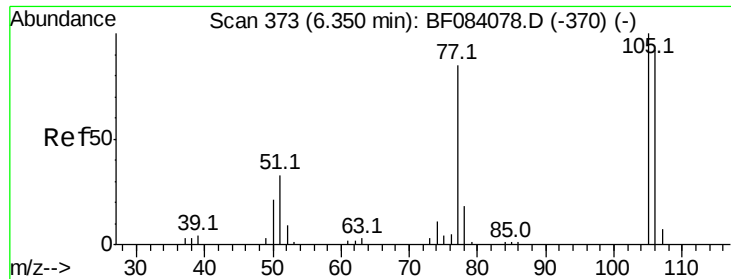
Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 140713 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.9  | 11.6  | 51.6   |
| 64        | 37.7  | 23.8  | 63.8   |





#9

Benzaldehyde

Concen: 18.53 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB87523BS

Tot Ion: 77 Resp: 35057

Ion Ratio Lower Upper

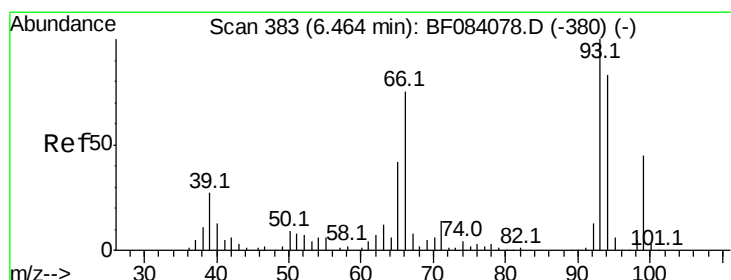
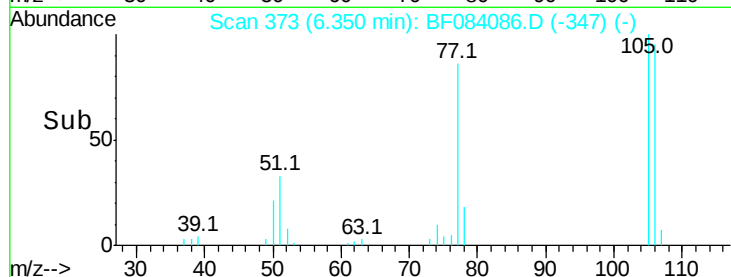
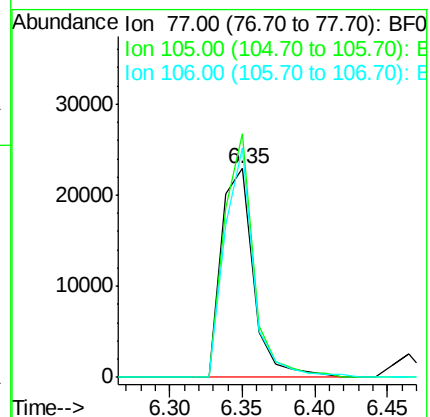
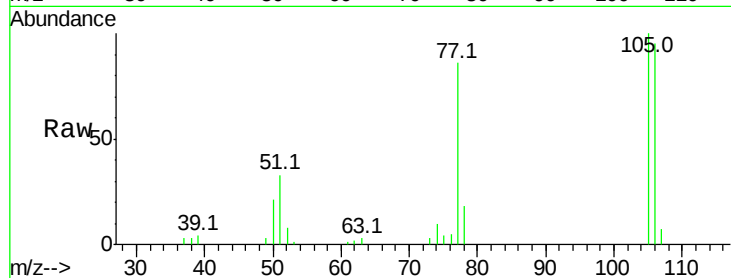
77 100

105 116.8 83.0 123.0

106 110.4 74.6 114.6

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#10

Phenol

Concen: 37.09 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

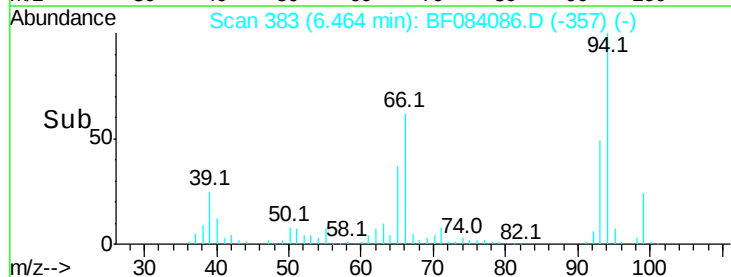
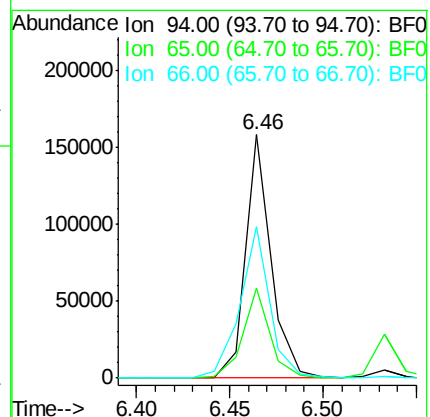
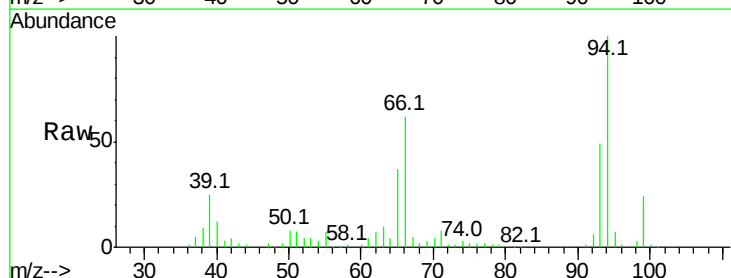
Tgt Ion: 94 Resp: 150062

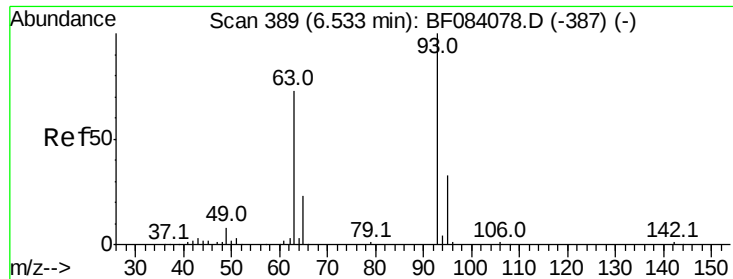
Ion Ratio Lower Upper

94 100

65 37.2 12.9 52.9

66 62.0 32.7 72.7





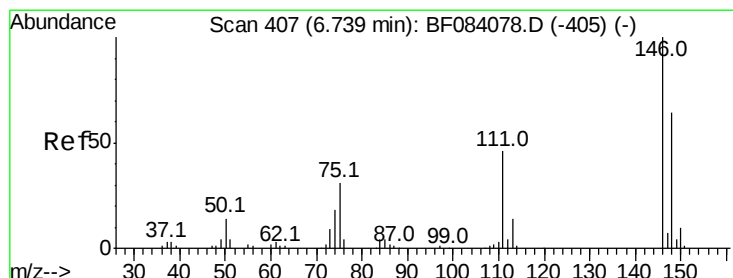
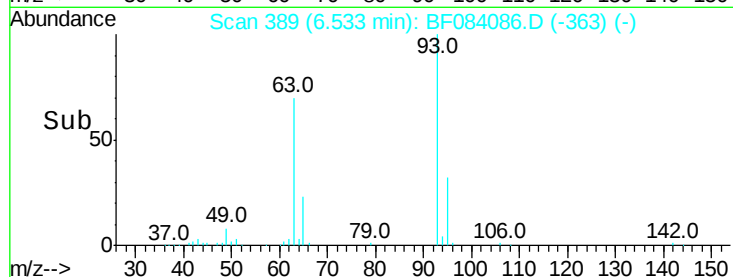
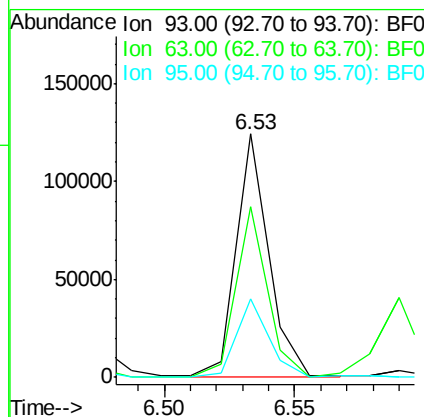
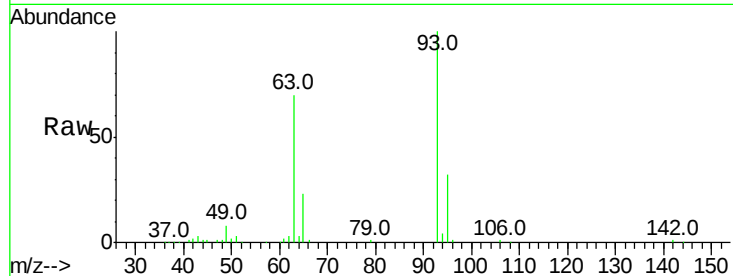
#11  
bis(2-Chloroethyl)ether  
Concen: 37.45 ng  
RT: 6.53 min Scan# 389  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 63      | 70.0  | 45.9       | 85.9  |
| 95      | 32.4  | 12.3       | 52.3  |

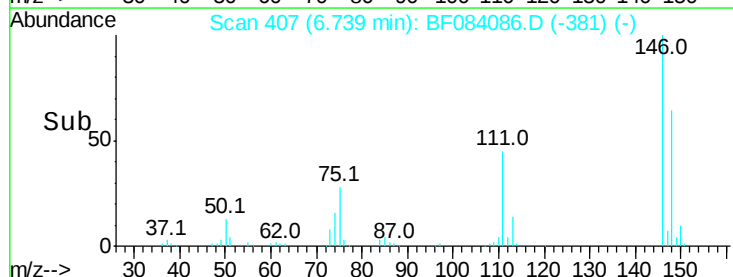
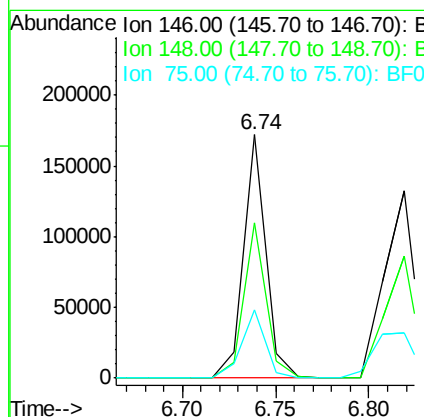
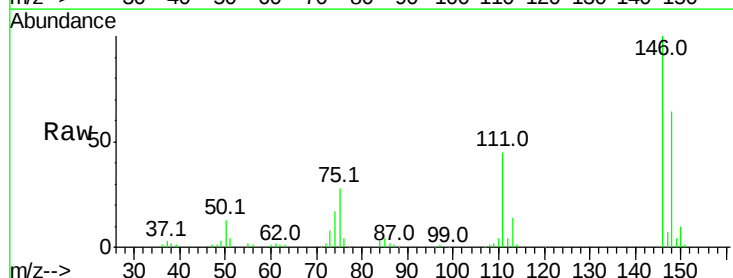
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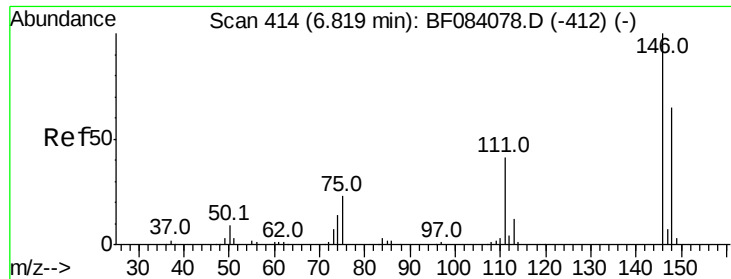
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12/28/2015 1:09:44 PM



#12  
1,3-Dichlorobenzene  
Concen: 37.23 ng  
RT: 6.74 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 146     | 100   |            |       |
| 148     | 63.8  | 51.9       | 77.9  |
| 75      | 28.2  | 20.5       | 30.7  |





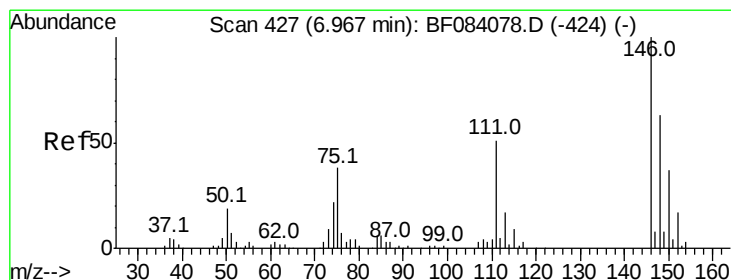
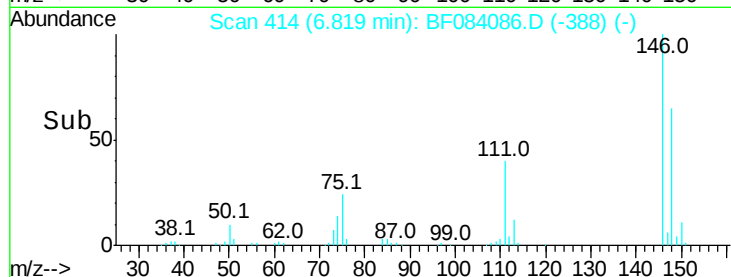
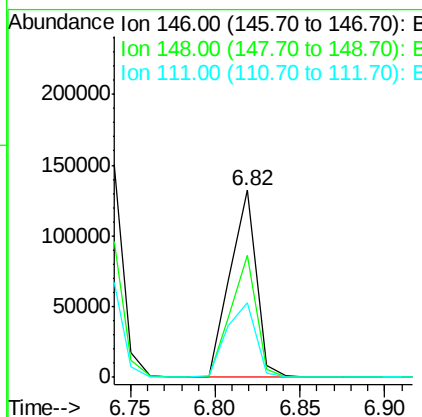
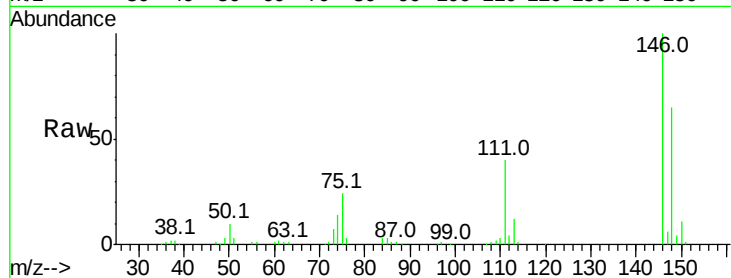
#13  
 1,4-Dichlorobenzene  
 Concen: 37.00 ng  
 RT: 6.82 min Scan# 414  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 51.9  | 77.9  |
| 111     | 40.0  | 41.6  | 62.4  |

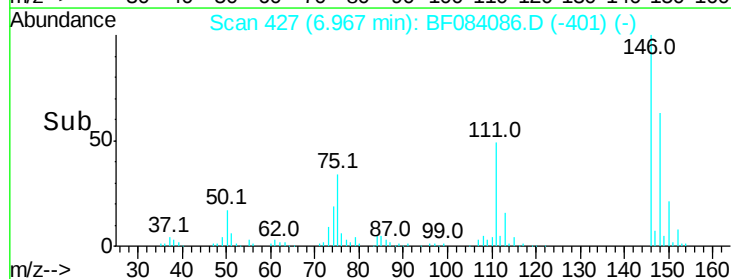
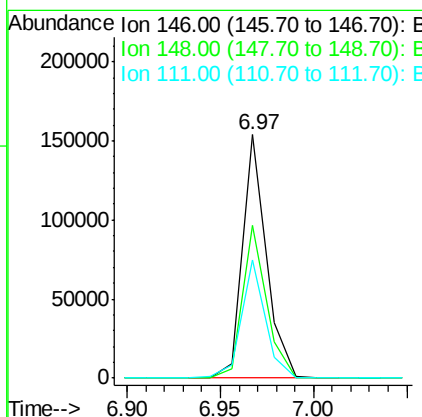
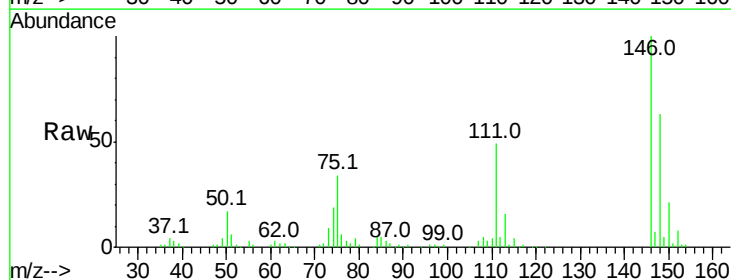
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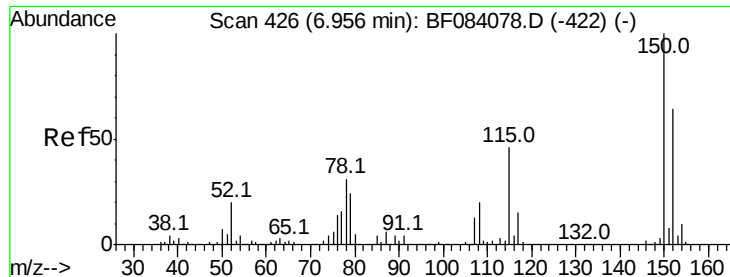
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#14  
 1,2-Dichlorobenzene  
 Concen: 38.04 ng  
 RT: 6.97 min Scan# 427  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 51.6  | 77.4  |
| 111     | 48.7  | 38.0  | 57.0  |





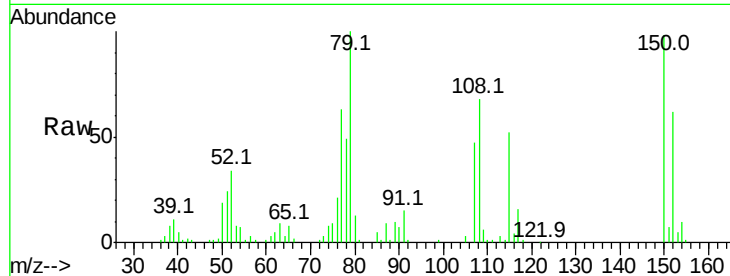
#15  
Benzyl Alcohol  
Concen: 41.04 ng  
RT: 6.94 min Scan# 425  
Delta R.T. -0.01 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

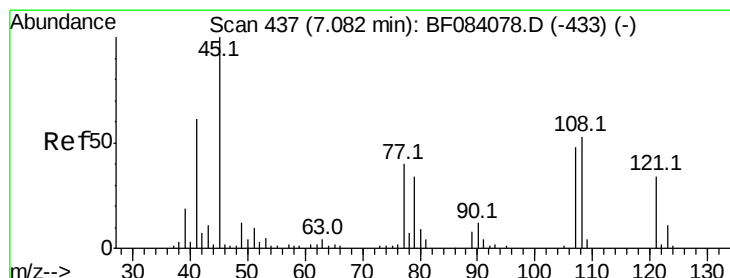
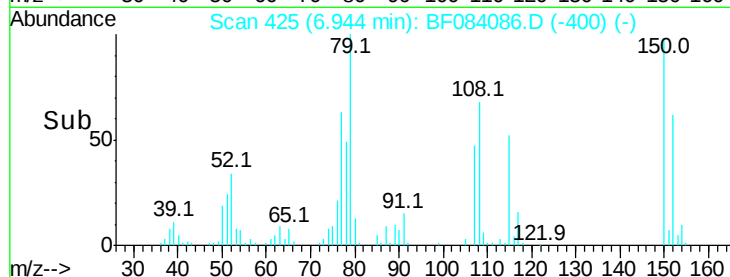
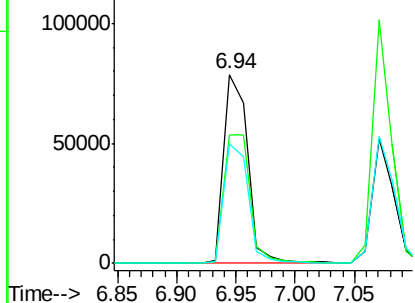
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 79      | 100   |       |        |
| 108     | 67.9  | 69.0  | 103.4# |
| 77      | 63.3  | 50.0  | 75.0   |

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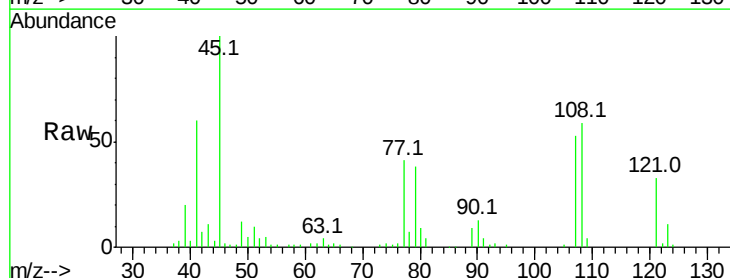


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0

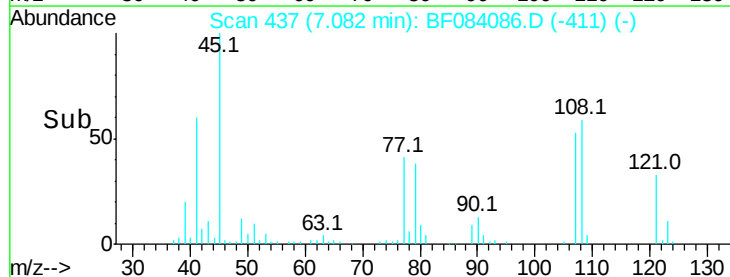
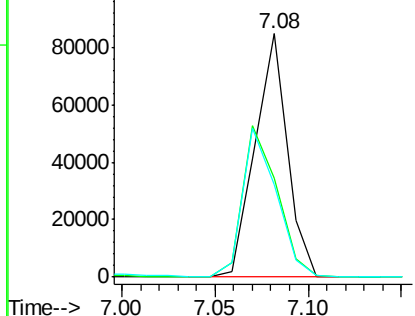


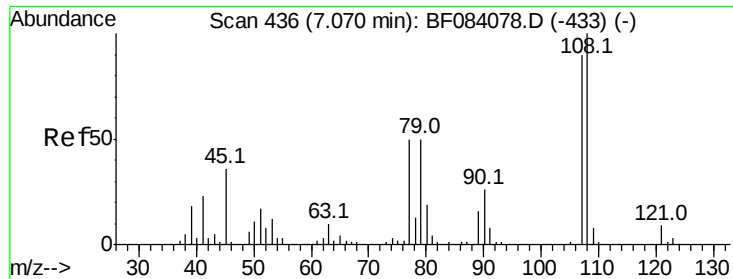
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.52 ng  
RT: 7.08 min Scan# 437  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 40.8  | 0.0   | 39.6# |
| 79      | 38.1  | 0.0   | 35.0# |



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





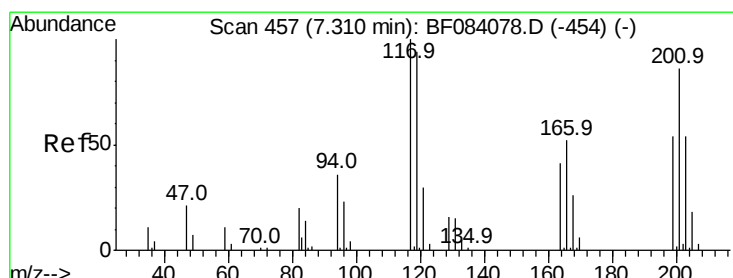
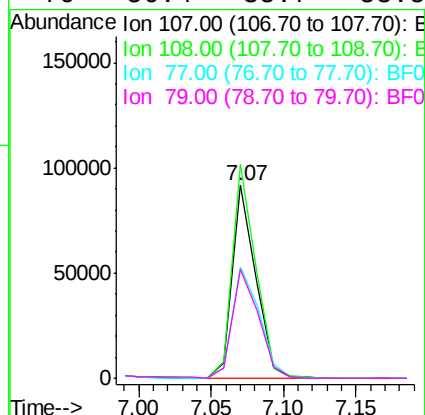
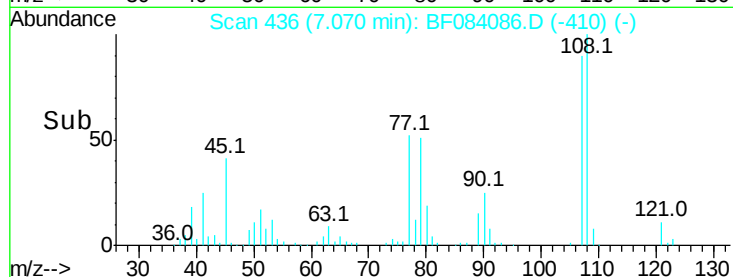
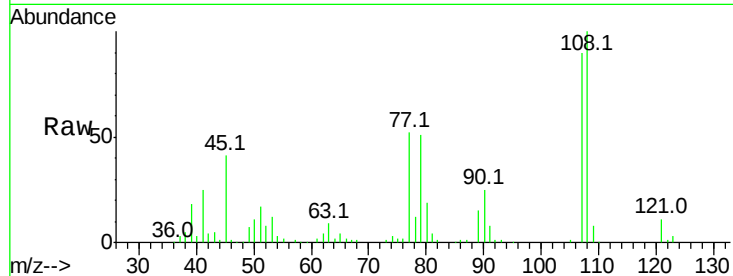
#17  
2-Methylphenol  
Concen: 37.77 ng  
RT: 7.07 min Scan# 436  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.8 | 89.8 | 134.6 |       |
| 77      | 57.6  | 35.7 | 53.5# |       |
| 79      | 56.4  | 35.7 | 53.5# |       |

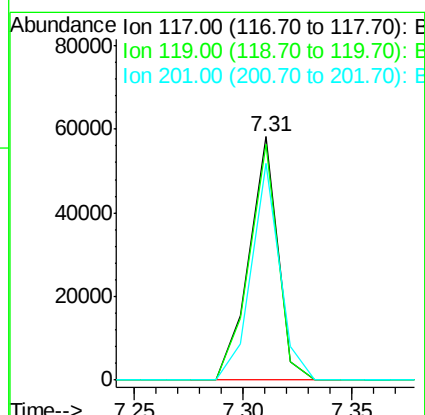
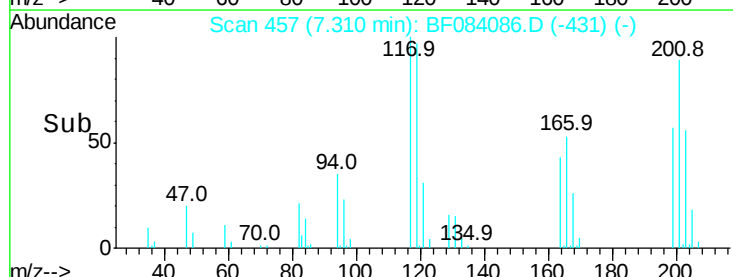
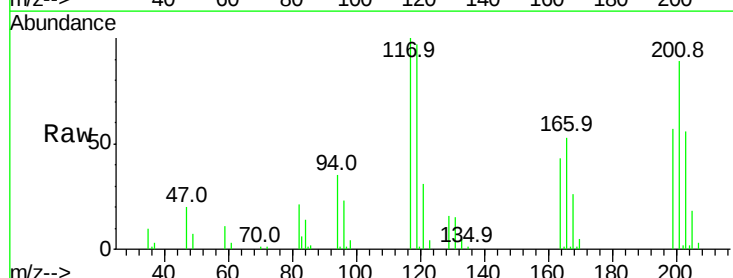
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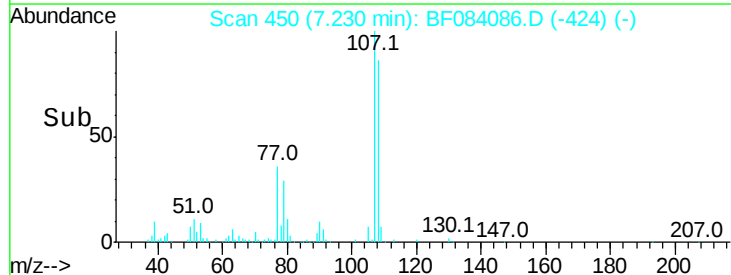
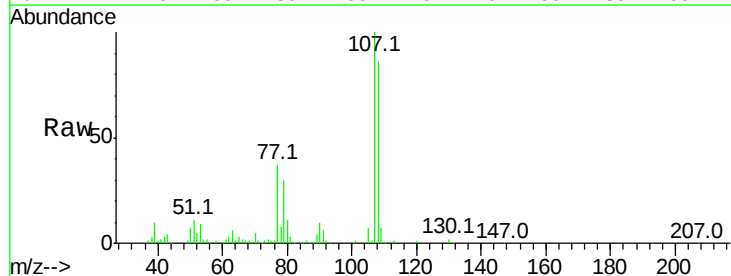
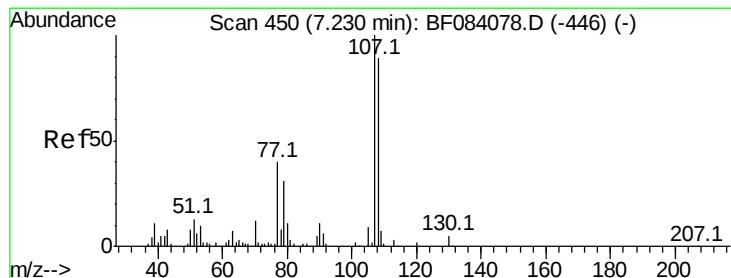
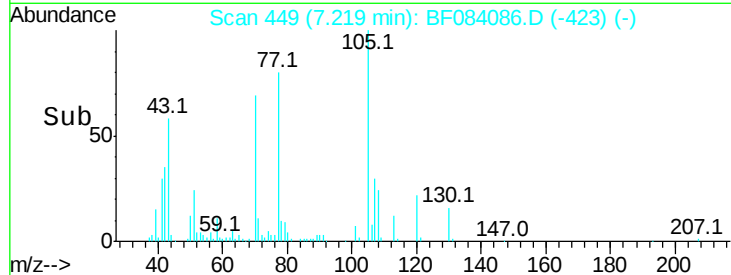
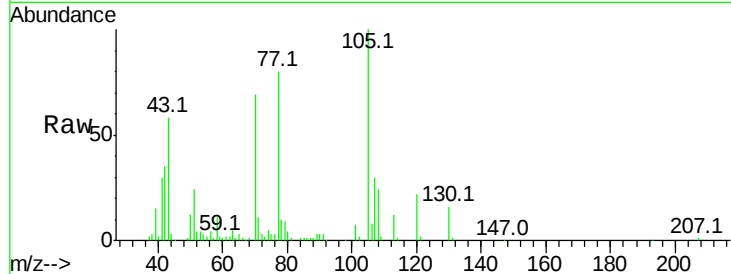
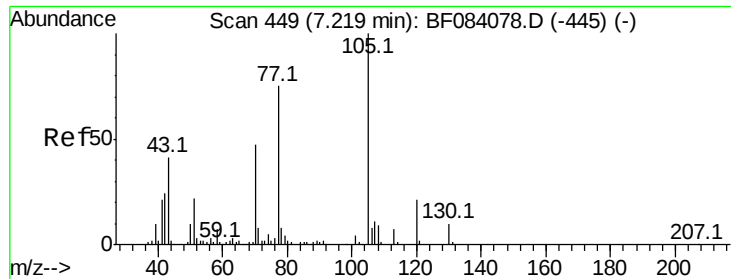
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#18  
Hexachloroethane  
Concen: 37.67 ng  
RT: 7.31 min Scan# 457  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.9  | 77.4 | 116.0 |       |
| 201     | 88.9  | 68.6 | 103.0 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 39.71 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB87523BS

Tot Ion: 70 Resp: 86519

Ion Ratio Lower Upper

70 100

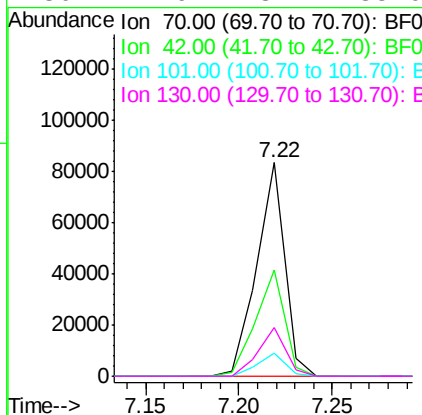
42 49.9 33.3 49.9#

101 10.5 9.3 13.9

130 22.9 23.4 35.0#

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#20

3+4-Methylphenols

Concen: 40.90 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Tgt Ion:107 Resp: 142237

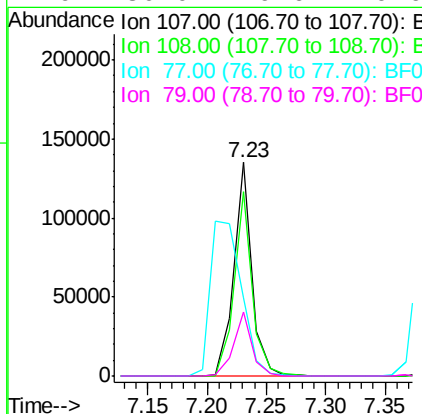
Ion Ratio Lower Upper

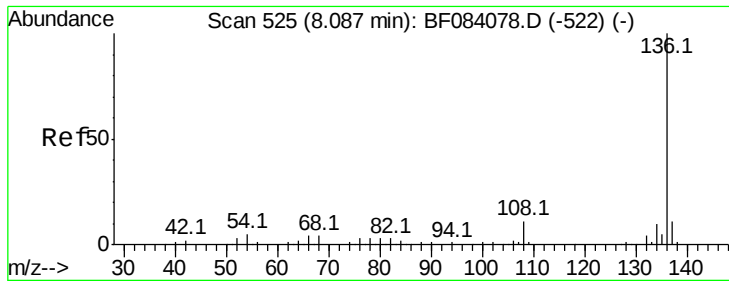
107 100

108 86.2 64.1 104.1

77 36.8 128.9 168.9#

79 30.0 9.6 49.6





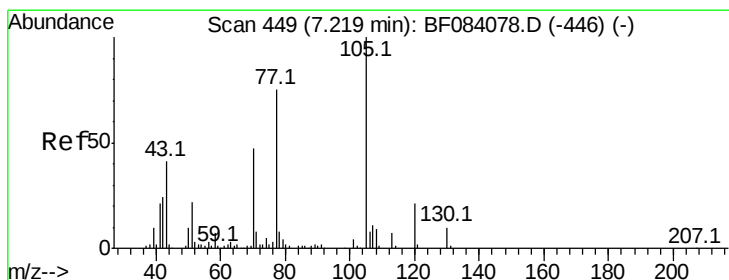
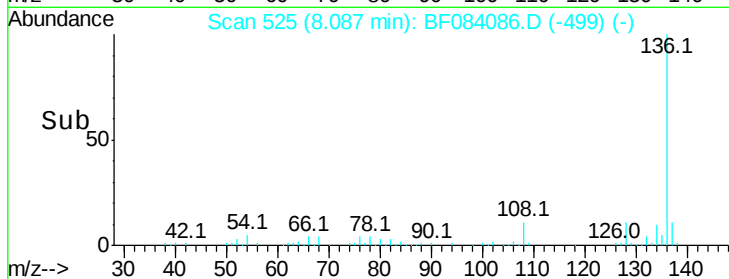
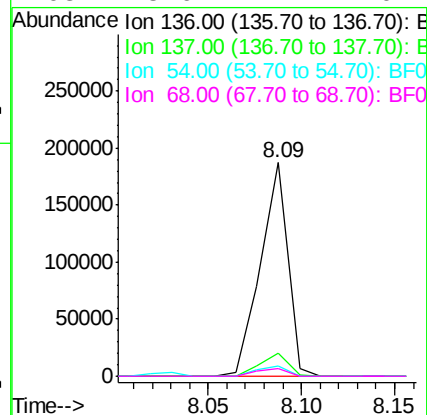
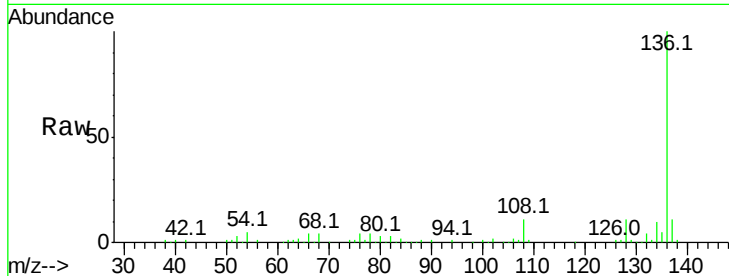
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.09 min Scan# 525  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 189079 |       |       |
| 137     | 10.9  | 8.7    | 13.1  |       |
| 54      | 4.8   | 5.8    | 8.8#  |       |
| 68      | 3.6   | 4.2    | 6.2#  |       |

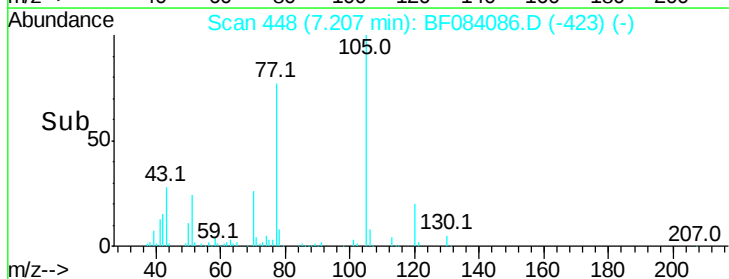
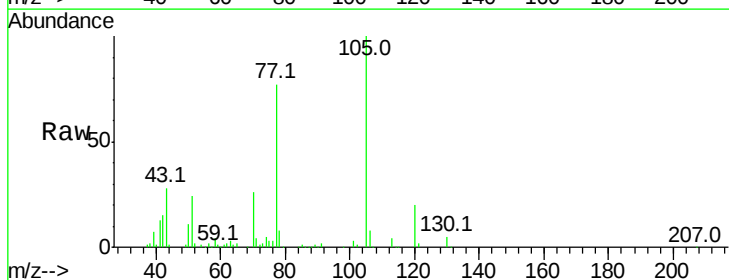
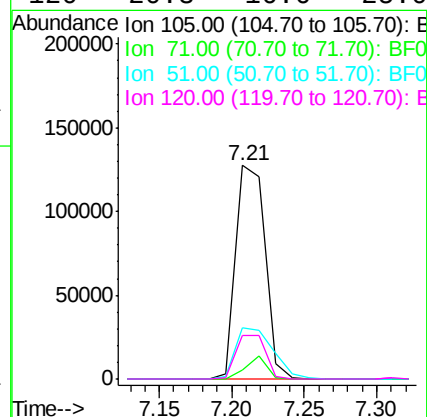
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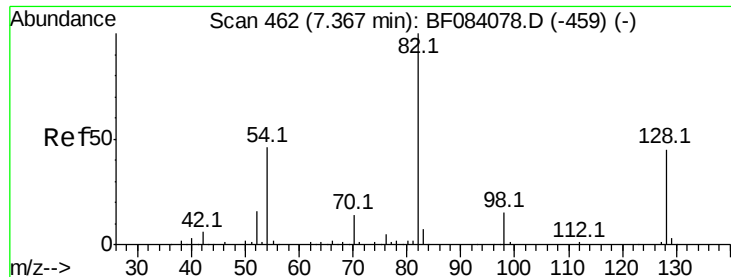
Sohil  
12/28/2015 1:09:44 PM



#22  
Acetophenone  
Concen: 38.03 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.01 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 179661 |       |       |
| 71      | 4.3   | 3.7    | 5.5   |       |
| 51      | 23.9  | 25.1   | 37.7# |       |
| 120     | 20.3  | 16.6   | 25.0  |       |





#23

Nitrobenzene-d5

Concen: 75.90 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

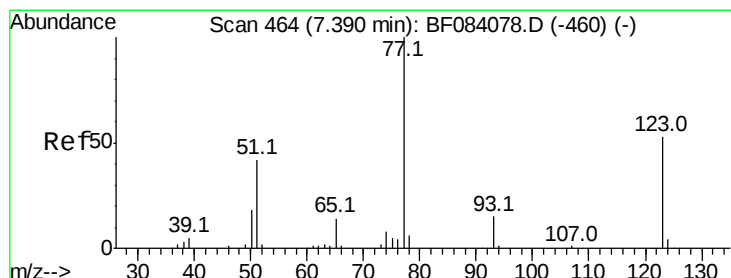
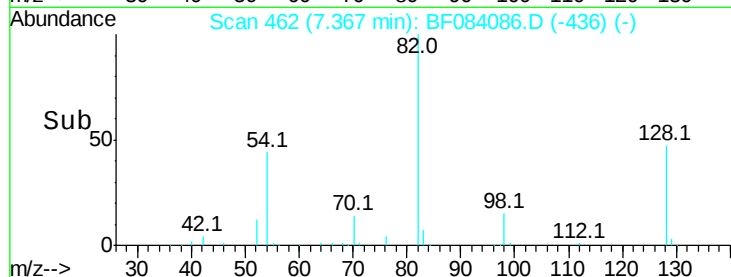
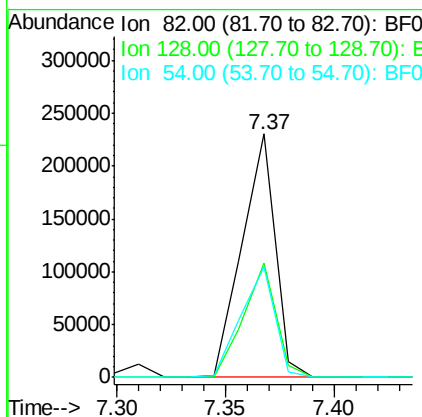
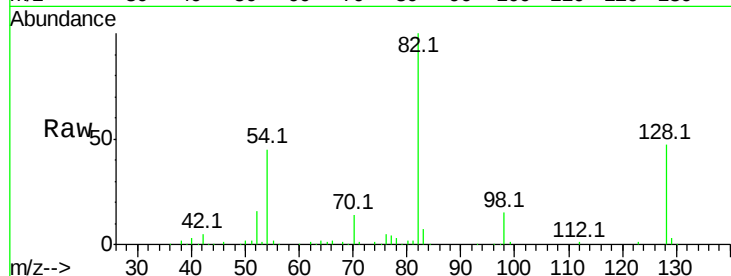
ClientSampleId :

PB87523BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 245183 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.8  | 34.6  | 51.8   |
| 54        | 45.3  | 38.4  | 57.6   |

Manual Integrations  
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#24

Nitrobenzene

Concen: 36.31 ng

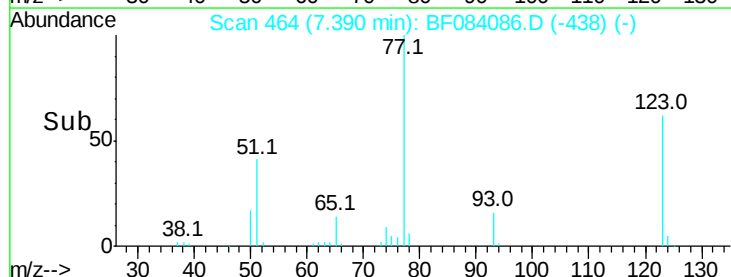
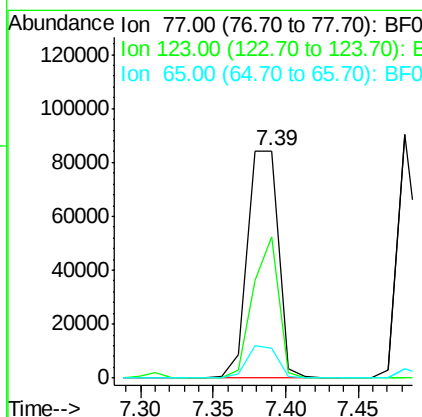
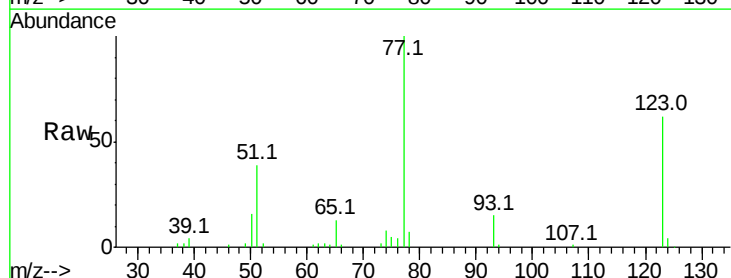
RT: 7.39 min Scan# 464

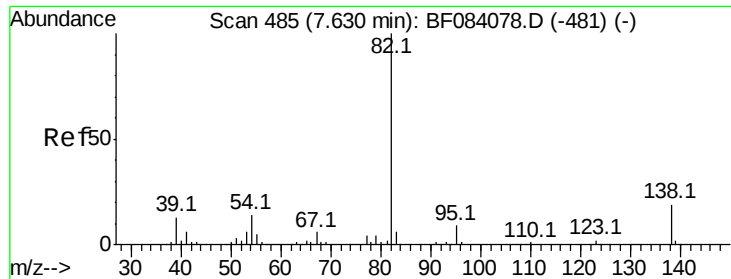
Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 124553 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 62.0  | 37.4  | 56.2#  |
| 65        | 13.0  | 10.9  | 16.3   |





#25

Isophorone

Concen: 39.08 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

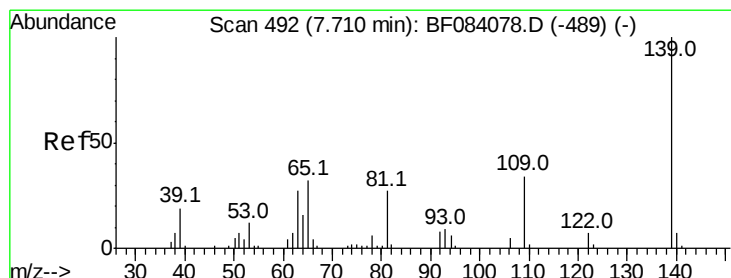
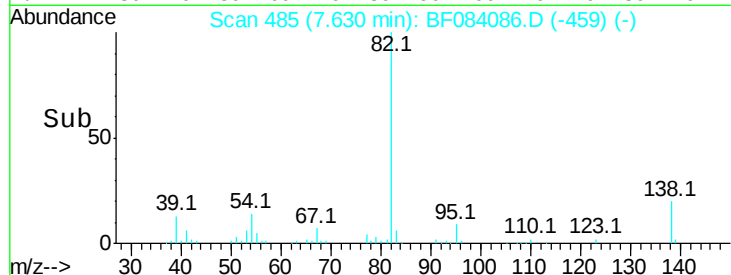
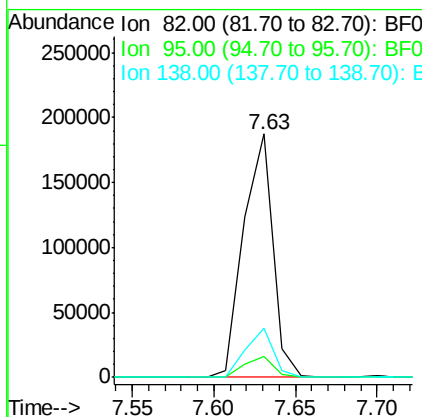
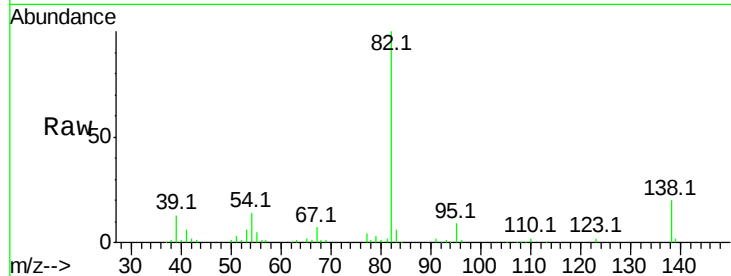
ClientSampleId :

PB87523BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 233479 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.6   | 6.6   | 10.0   |
| 138       | 20.3  | 13.6  | 20.4   |

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#26

2-Nitrophenol

Concen: 39.52 ng

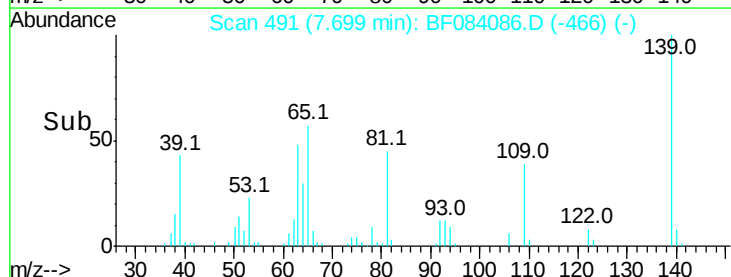
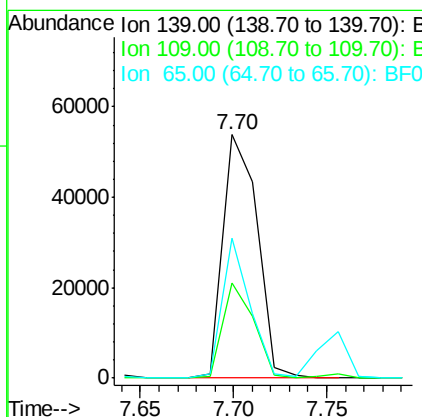
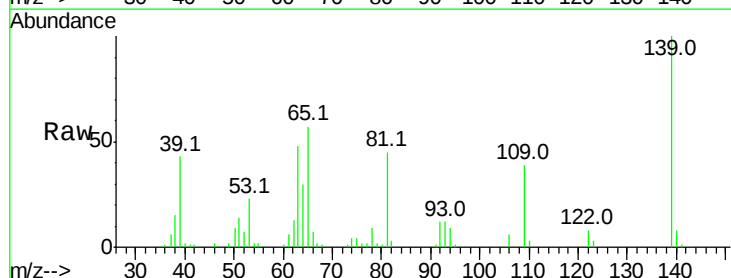
RT: 7.70 min Scan# 491

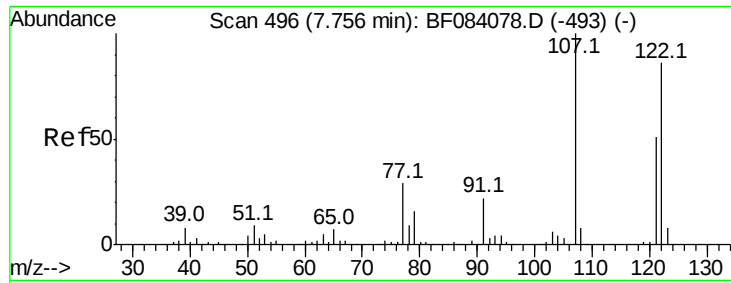
Delta R.T. -0.01 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 69362 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 39.0  | 25.4  | 38.2# |
| 65        | 57.5  | 32.3  | 48.5# |





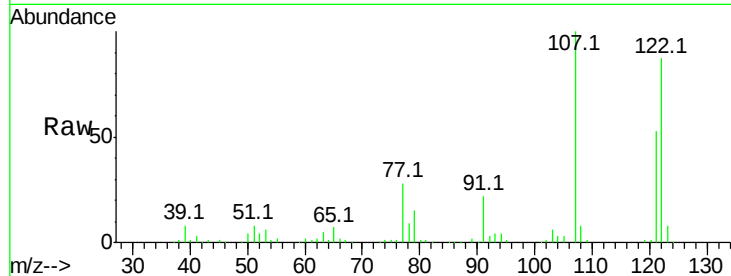
#27  
2,4-Dimethylphenol  
Concen: 43.39 ng  
RT: 7.76 min Scan# 496  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

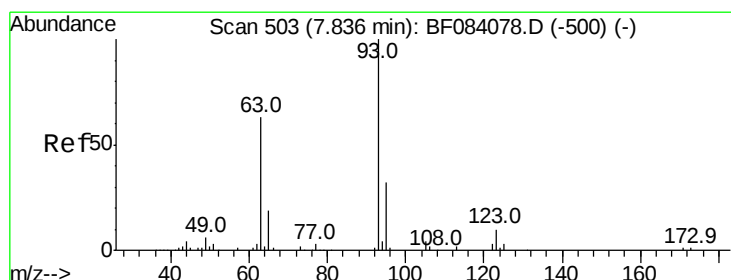
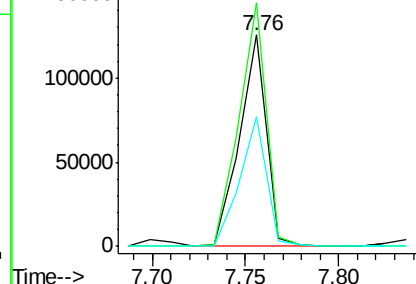
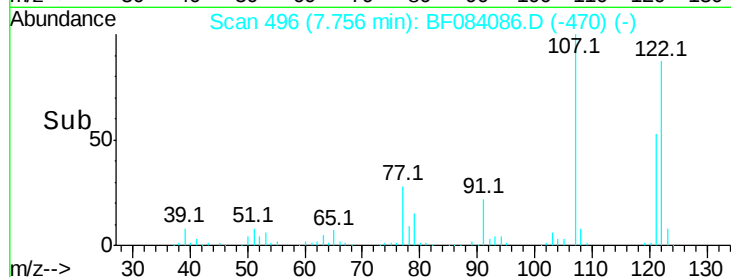
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 126394 |       |       |
| 107     | 115.2 | 99.1   | 148.7 |       |
| 121     | 61.2  | 47.9   | 71.9  |       |

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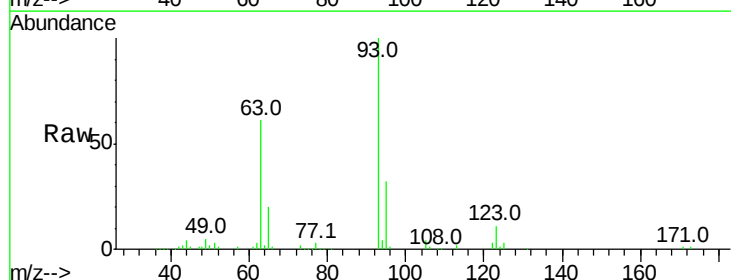


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

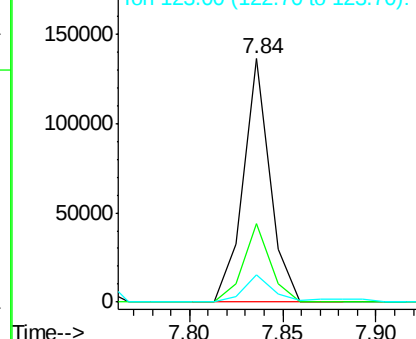
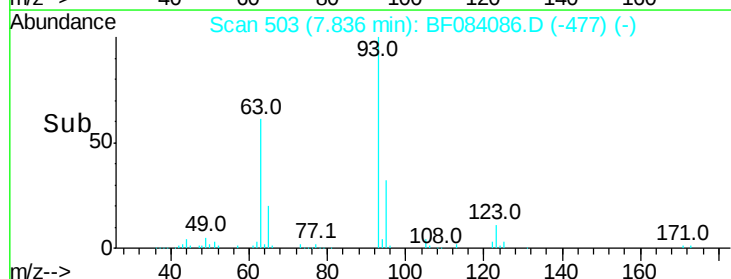


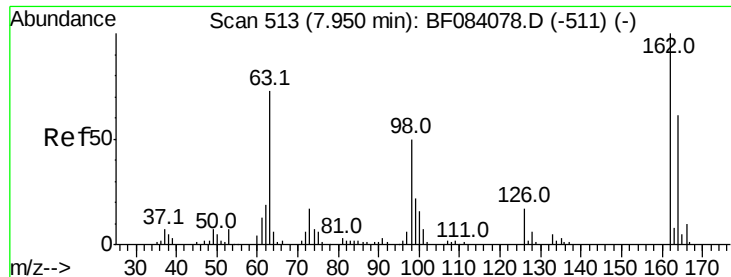
#28  
bis(2-Chloroethoxy)methane  
Concen: 39.24 ng  
RT: 7.84 min Scan# 503  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 136678 |       |       |
| 95      | 32.1  | 25.8   | 38.6  |       |
| 123     | 11.3  | 8.6    | 12.8  |       |



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





#29

2,4-Dichlorophenol

Concen: 40.53 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

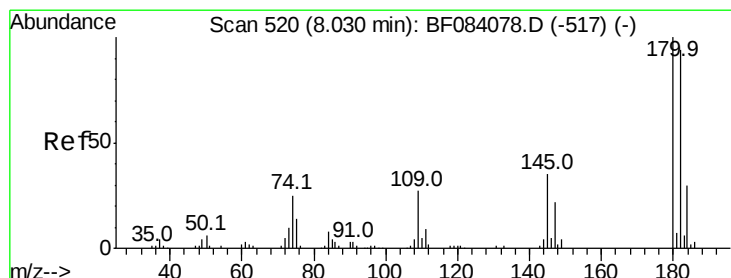
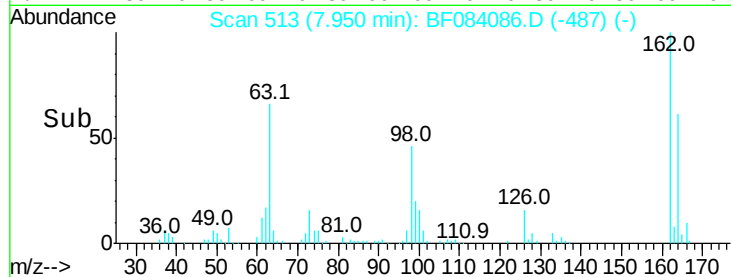
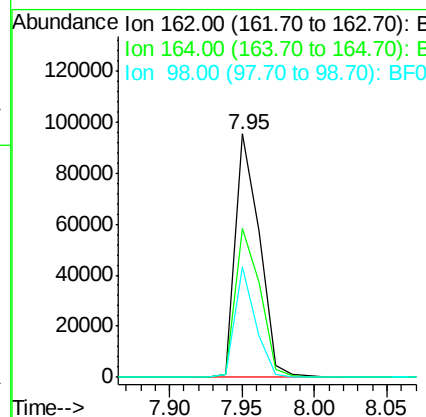
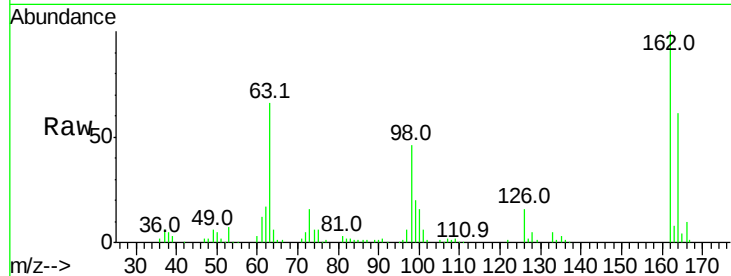
ClientSampleId :

PB87523BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 109671 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 61.3  | 44.1  | 84.1   |
| 98        | 45.6  | 20.2  | 60.2   |

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#30

1,2,4-Trichlorobenzene

Concen: 39.02 ng

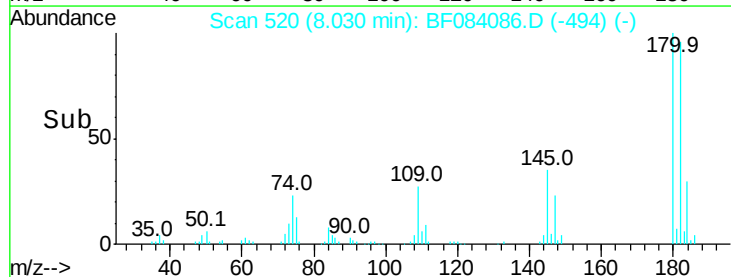
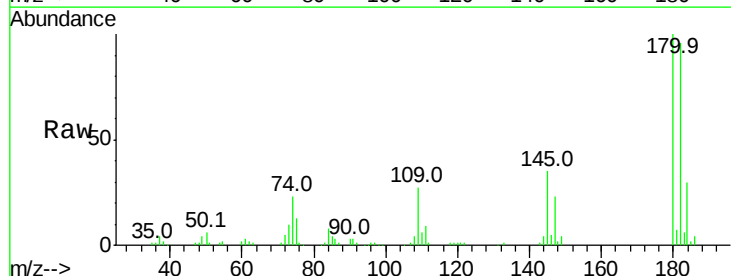
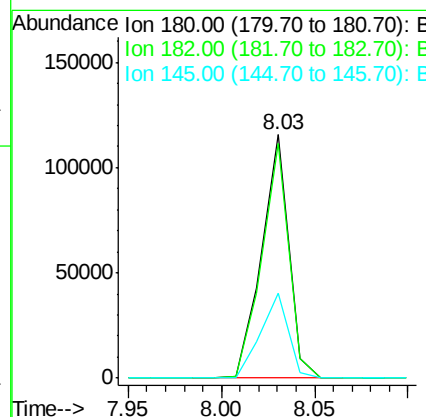
RT: 8.03 min Scan# 520

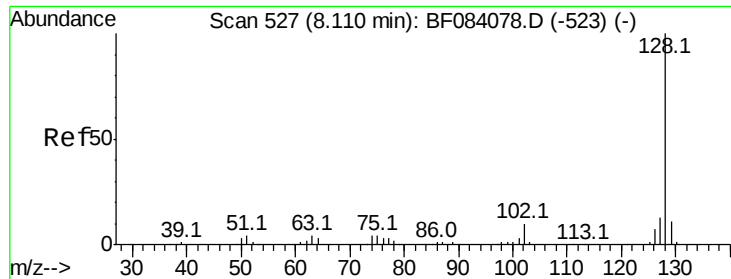
Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 115713 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.4  | 76.4  | 114.6  |
| 145       | 34.6  | 31.6  | 47.4   |





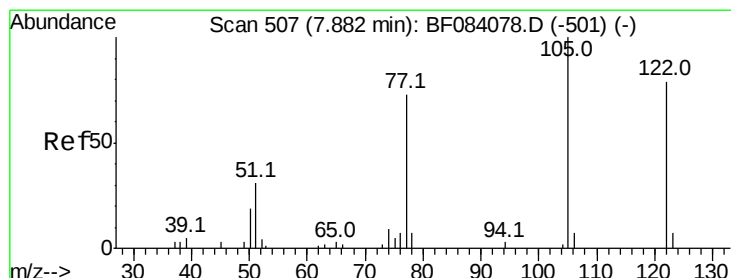
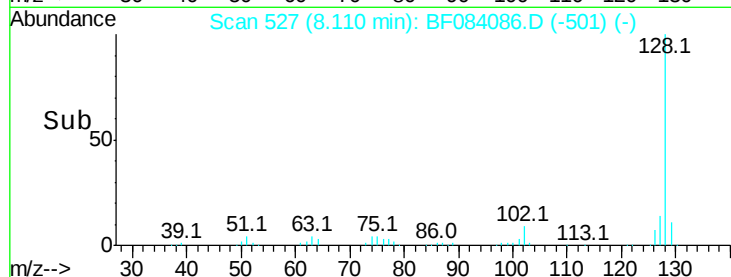
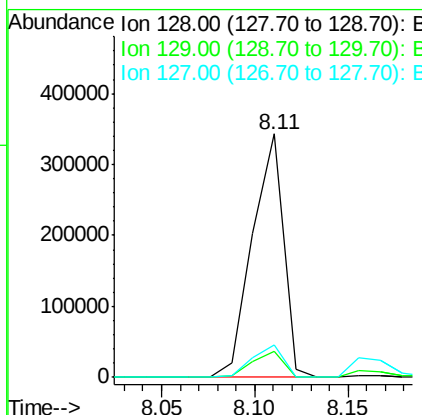
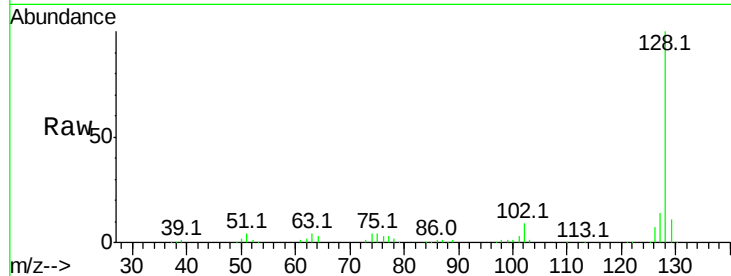
#31  
Naphthalene  
Concen: 39.40 ng  
RT: 8.11 min Scan# 527  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 128     | 100   |            |       |
| 129     | 10.6  | 9.1        | 13.7  |
| 127     | 13.5  | 11.1       | 16.7  |

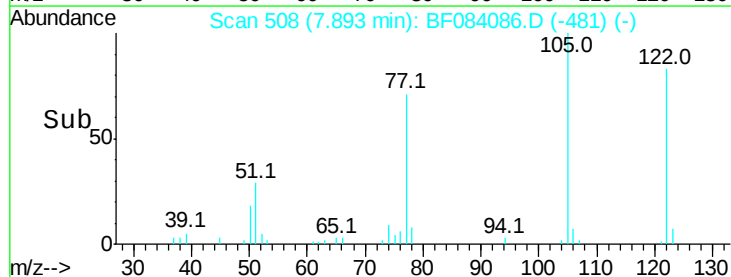
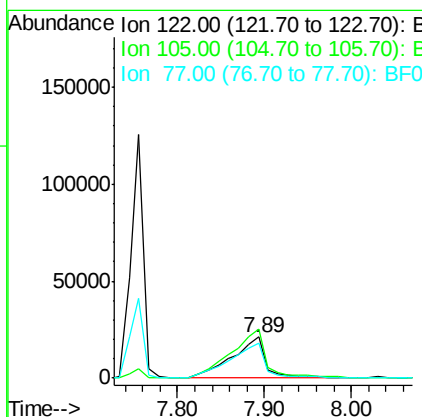
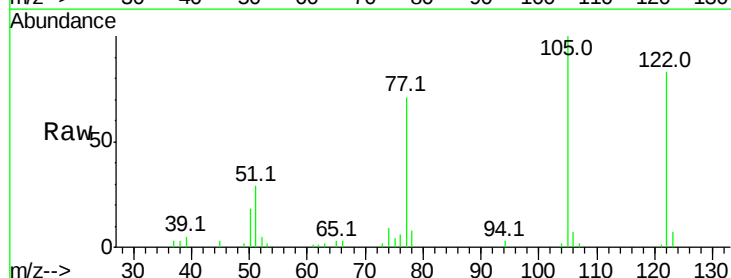
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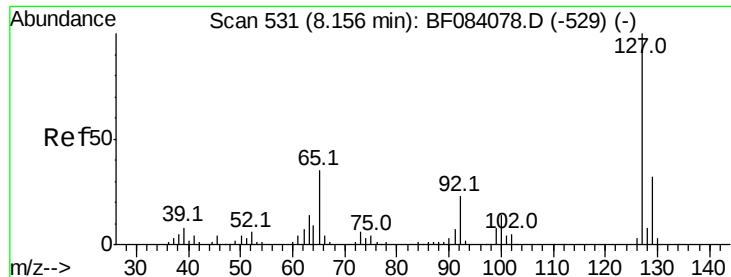
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#32  
Benzoic acid  
Concen: 41.70 ng  
RT: 7.89 min Scan# 508  
Delta R.T. 0.01 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 122     | 100   |            |       |
| 105     | 120.8 | 100.3      | 140.3 |
| 77      | 85.5  | 63.5       | 103.5 |





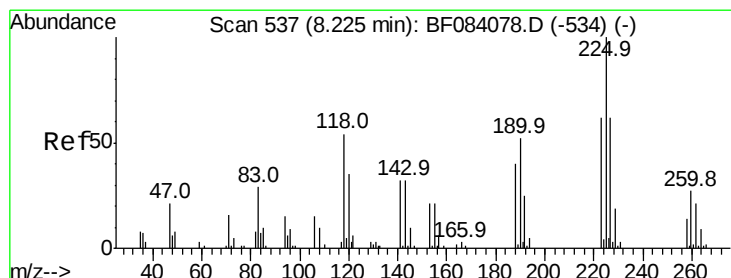
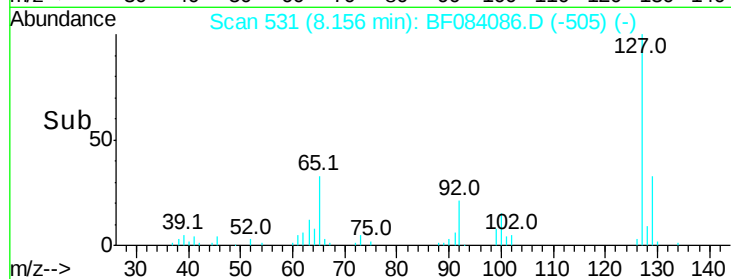
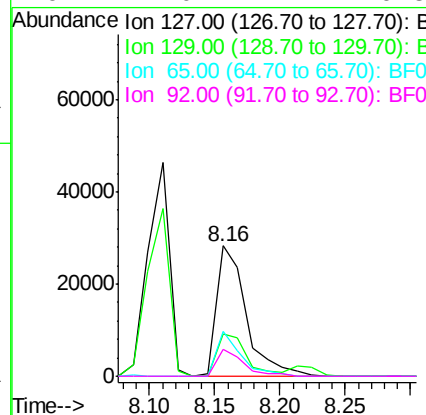
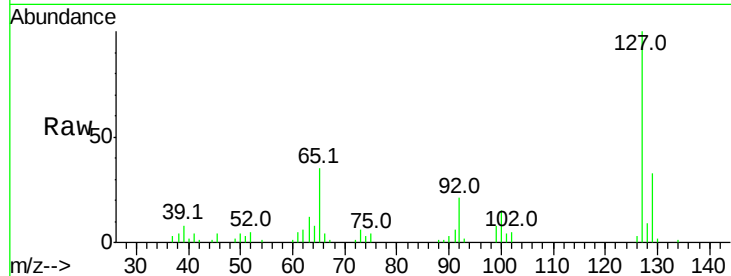
#33  
4-Chloroaniline  
Concen: 11.25 ng  
RT: 8.16 min Scan# 531  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 45033 |       |       |
| 129     | 32.7 | 26.5  | 39.7  |       |       |
| 65      | 34.8 | 27.2  | 40.8  |       |       |
| 92      | 21.0 | 17.7  | 26.5  |       |       |

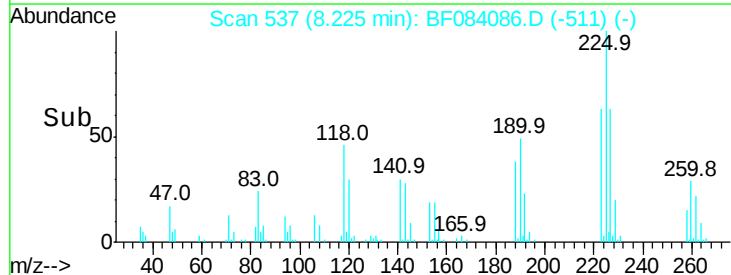
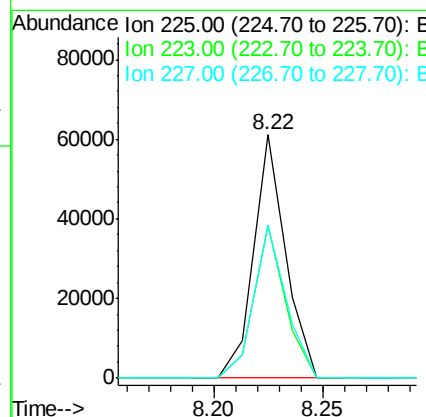
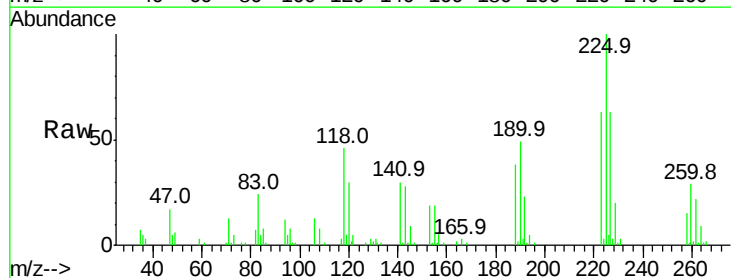
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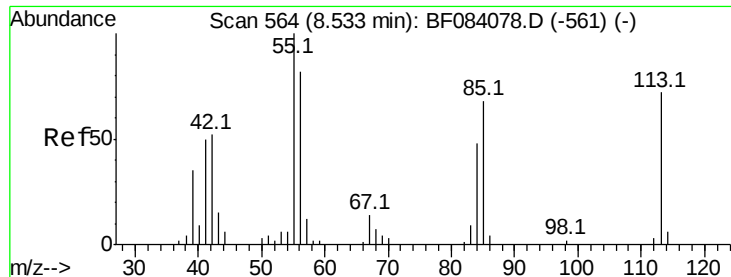
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12/28/2015 1:09:44 PM



#34  
Hexachlorobutadiene  
Concen: 37.00 ng  
RT: 8.22 min Scan# 537  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 62577 |       |       |
| 223     | 62.9 | 49.4  | 74.0  |       |       |
| 227     | 62.8 | 50.8  | 76.2  |       |       |





#35

Caprolactam

Concen: 47.21 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

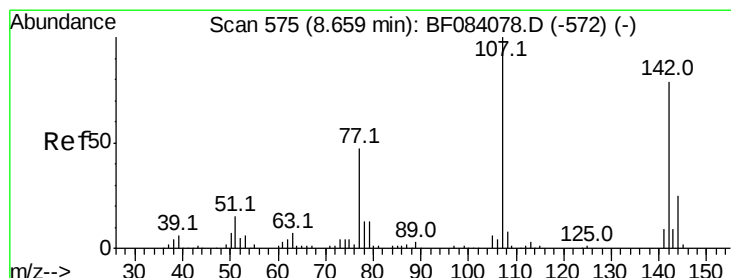
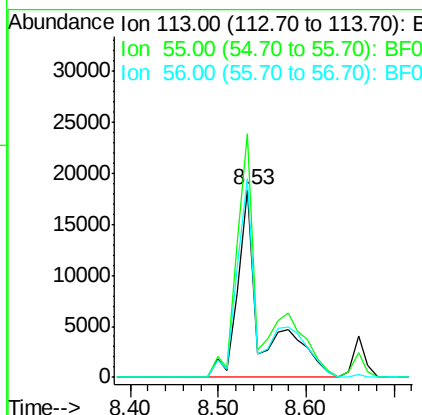
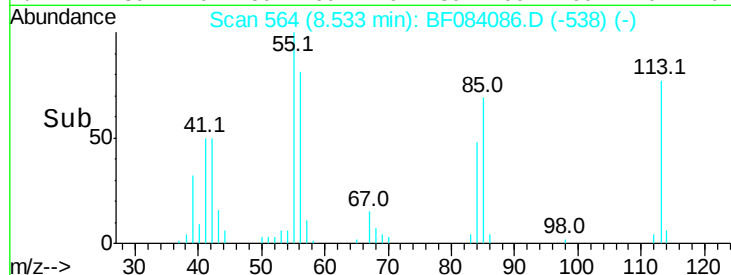
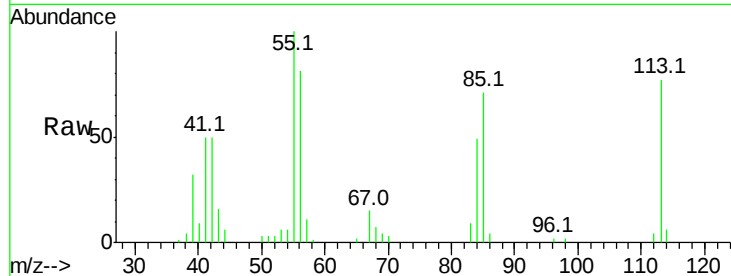
ClientSampleId :

PB87523BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 35430 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 129.8 | 116.9 | 156.9 |
| 56        | 105.8 | 93.8  | 133.8 |

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#36

4-Chloro-3-methylphenol

Concen: 41.01 ng/ml

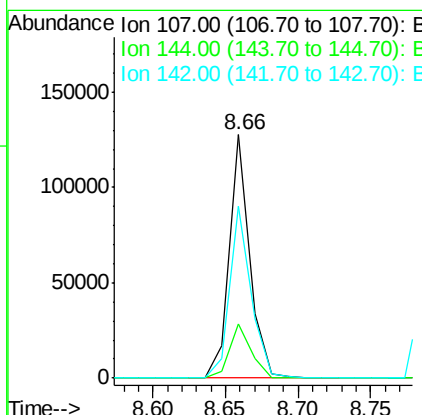
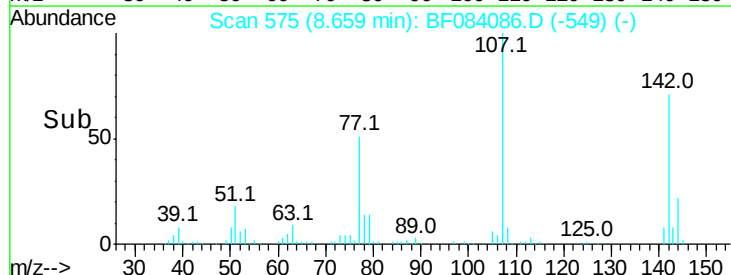
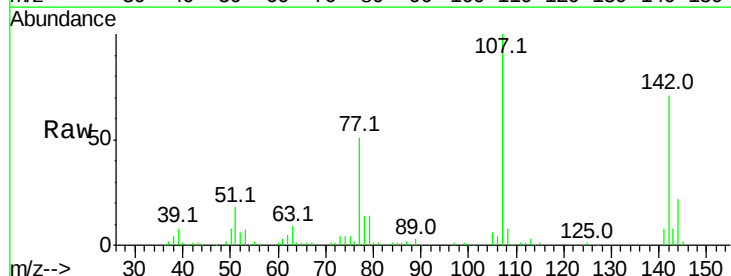
RT: 8.66 min Scan# 575

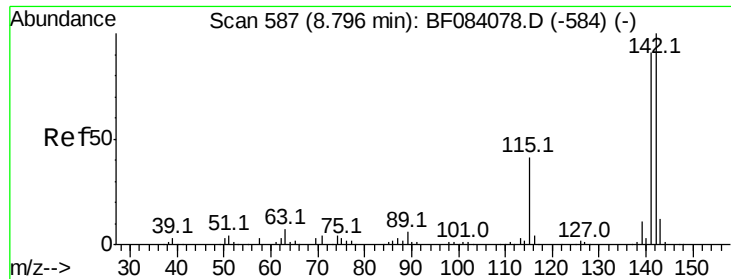
Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 124782 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 22.2  | 19.7  | 29.5   |
| 142       | 70.9  | 61.8  | 92.6   |





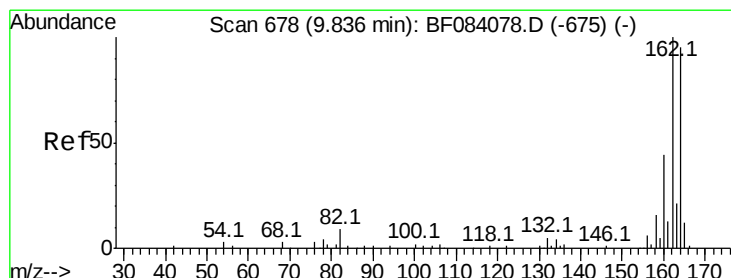
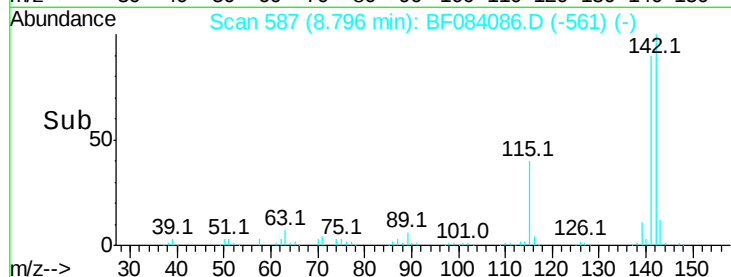
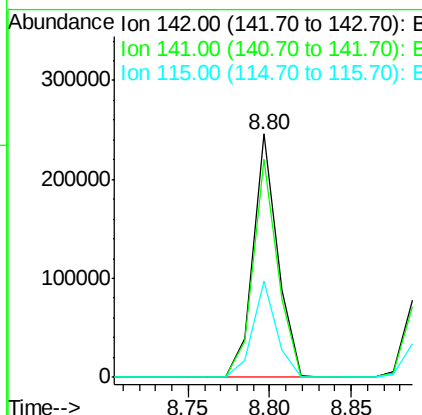
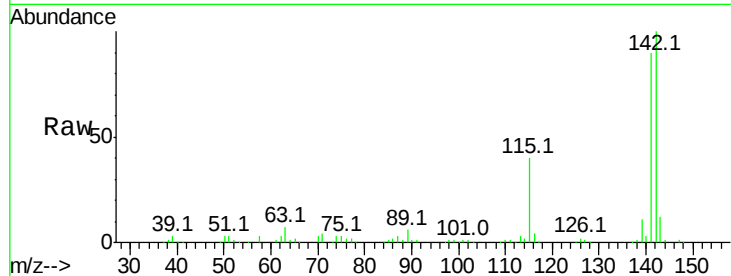
#37  
2-Methylnaphthalene  
Concen: 40.91 ng  
RT: 8.80 min Scan# 587  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 72.4  | 108.6 |
| 115     | 39.8  | 27.9  | 41.9  |

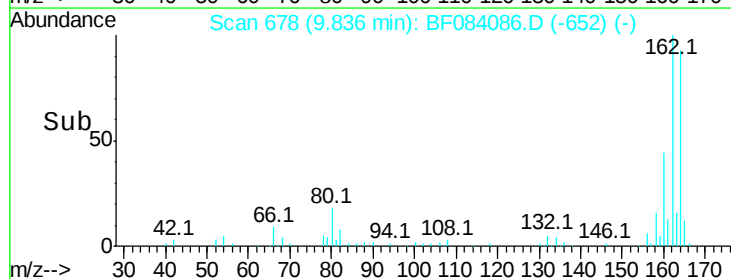
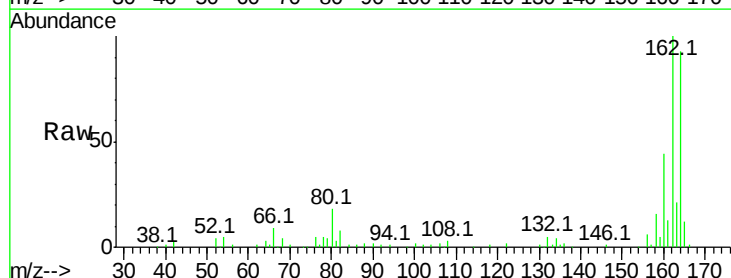
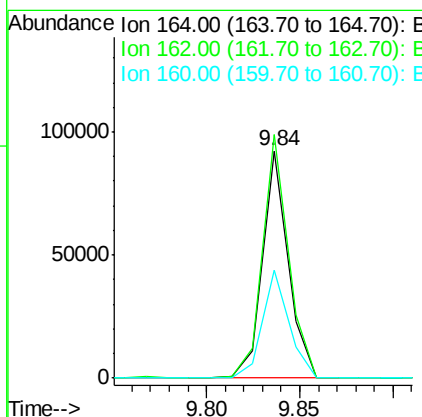
Manual Integrations  
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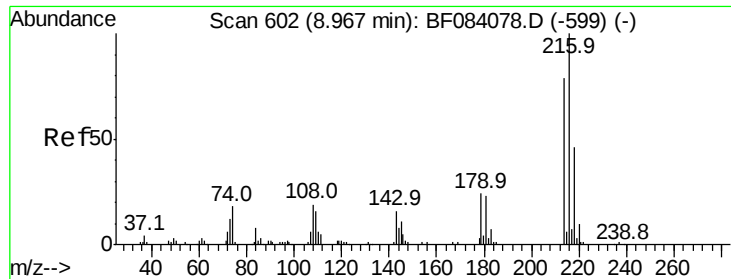
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12/28/2015 1:09:44 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.84 min Scan# 678  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 107.1 | 85.1  | 127.7 |
| 160     | 47.6  | 37.5  | 56.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.83 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

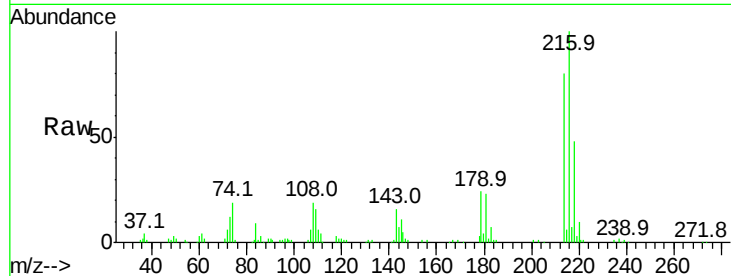
ClientSampleId :

PB87523BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 112114 |       |       |
| 214     | 78.3  | 64.2   | 96.2  |       |
| 179     | 23.9  | 18.7   | 28.1  |       |
| 108     | 22.1  | 16.8   | 25.2  |       |

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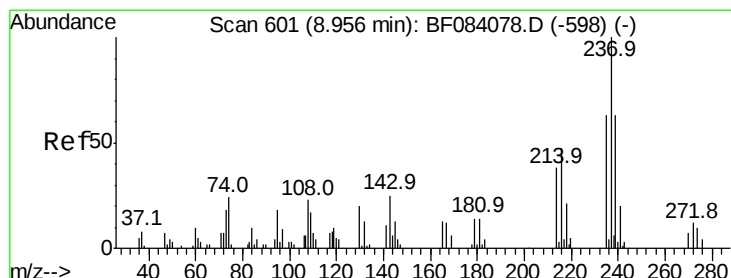
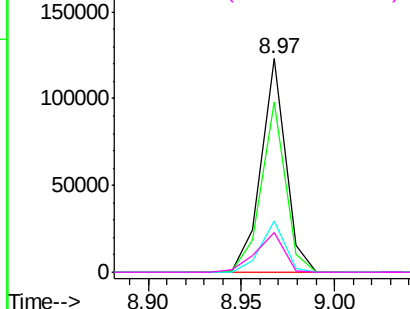
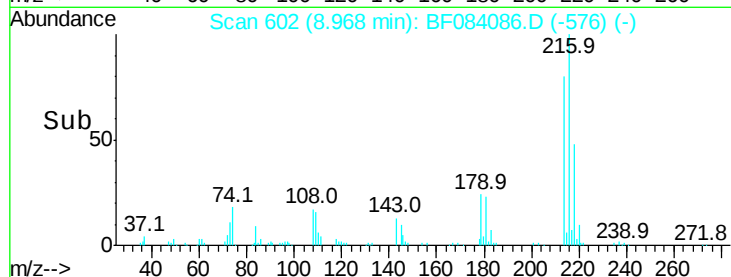


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.78 ng

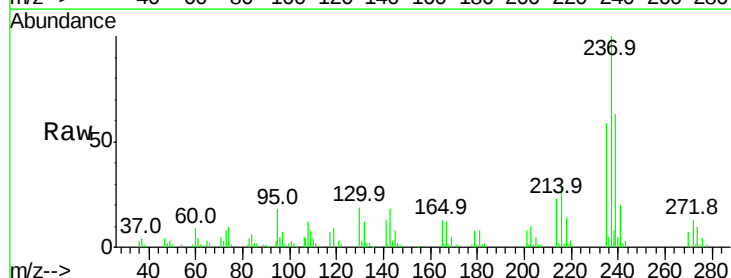
RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

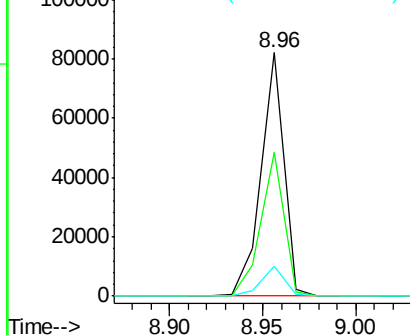
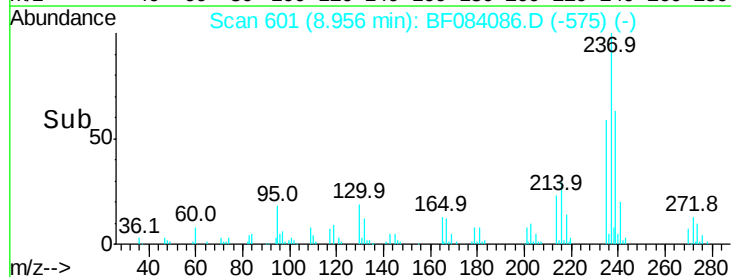
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 69440 |       |       |
| 235     | 59.0  | 43.1  | 83.1  |       |
| 272     | 12.5  | 0.0   | 35.1  |       |

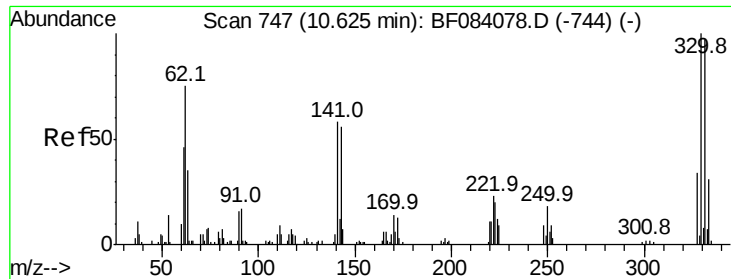


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





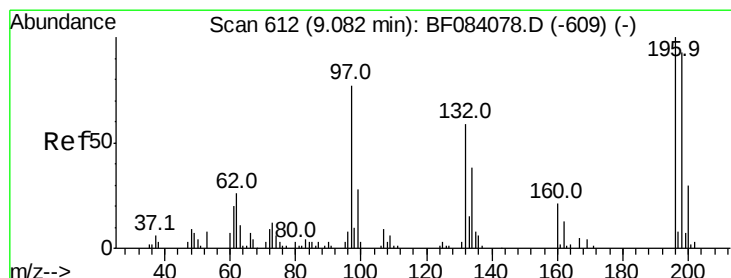
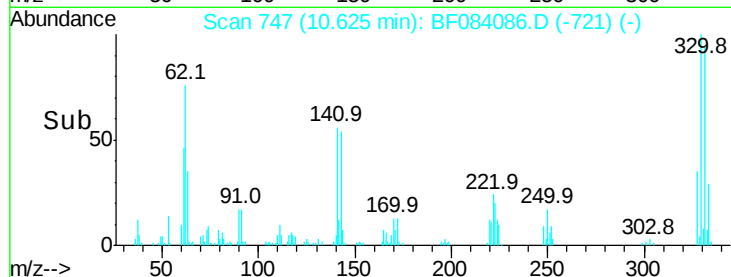
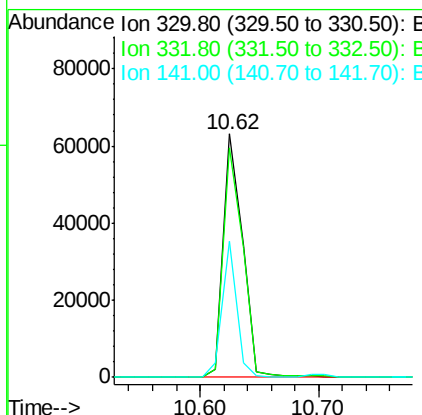
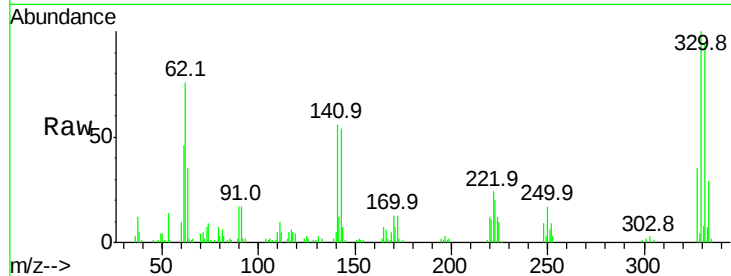
#41  
 2,4,6-Tribromophenol  
 Concen: 76.43 ng  
 RT: 10.62 min Scan# 747  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 70999 |       |       |
| 332     | 95.5  |       | 76.6  | 114.8 |
| 141     | 41.6  |       | 27.8  | 41.6  |

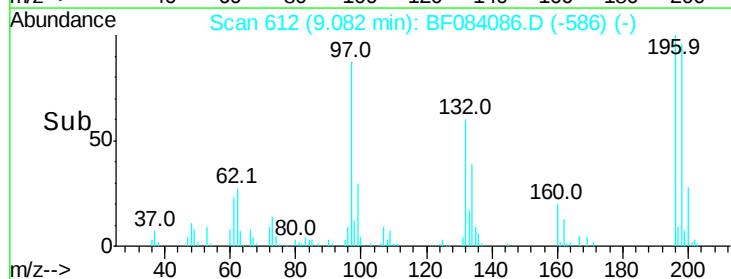
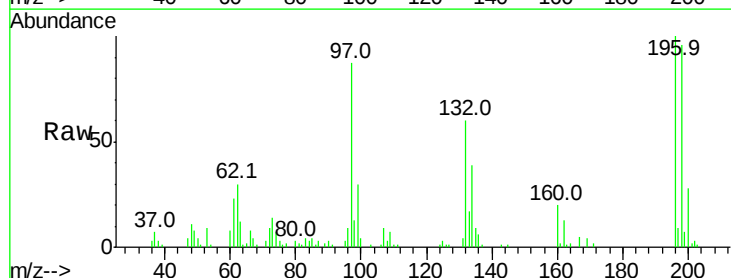
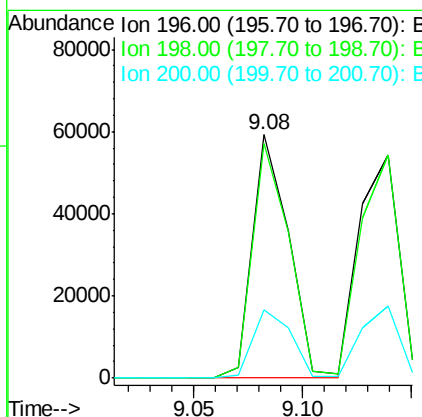
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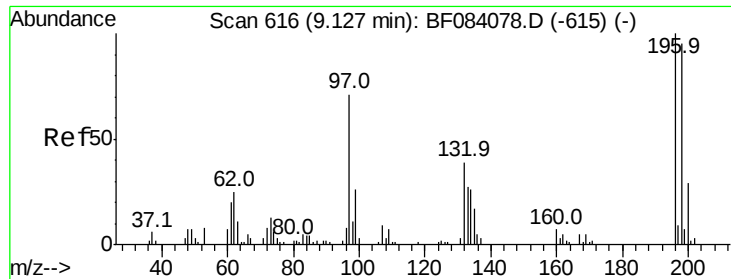
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#42  
 2,4,6-Trichlorophenol  
 Concen: 38.57 ng  
 RT: 9.08 min Scan# 612  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 69064 |       |       |
| 198     | 96.2  |       | 77.7  | 116.5 |
| 200     | 28.2  |       | 24.6  | 37.0  |





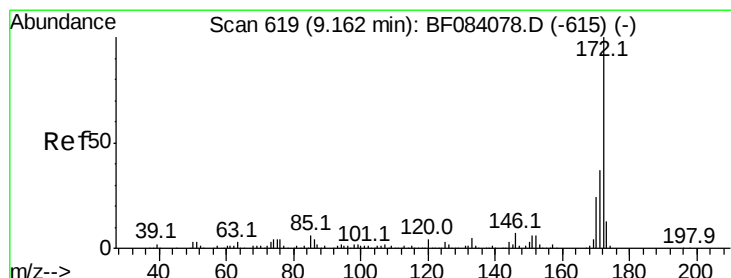
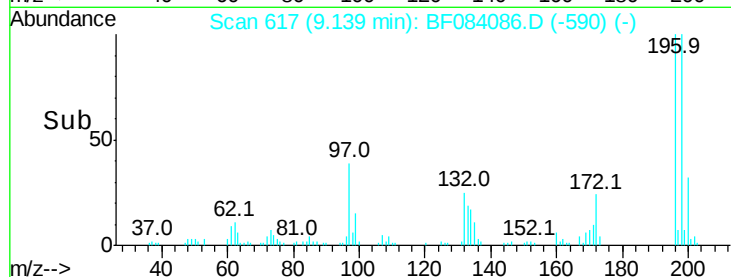
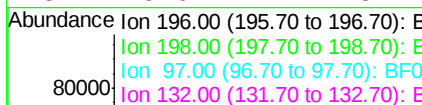
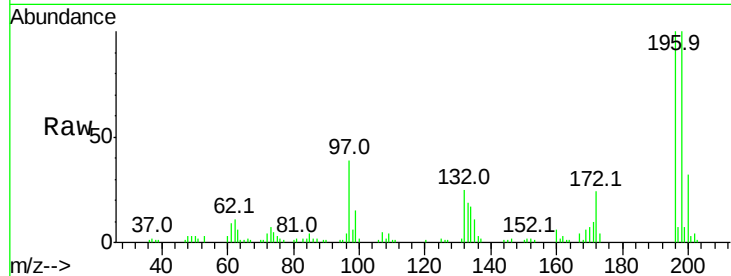
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.90 ng  
 RT: 9.14 min Scan# 617  
 Delta R.T. 0.01 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 71514 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 100.3 | 79.0  | 118.6 |
| 97        | 38.9  | 33.0  | 49.6  |
| 132       | 25.6  | 21.1  | 31.7  |

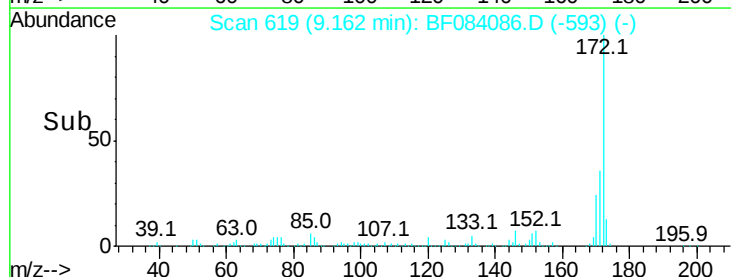
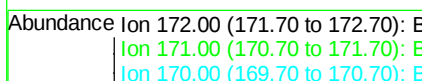
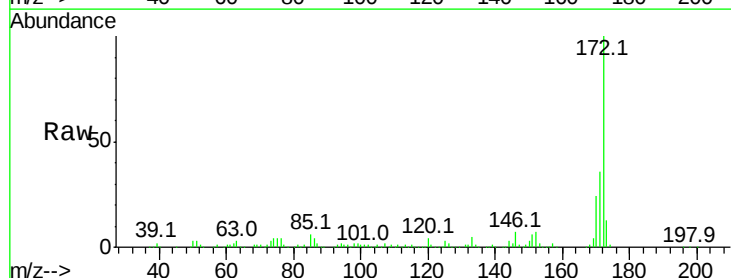
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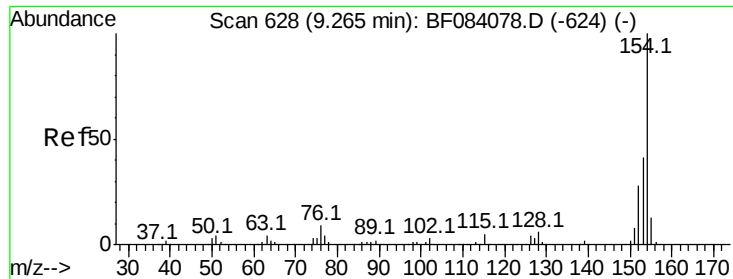
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#44  
 2-Fluorobiphenyl  
 Concen: 76.41 ng  
 RT: 9.16 min Scan# 619  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 486442 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 36.3  | 28.9  | 43.3   |
| 170       | 24.1  | 18.6  | 27.8   |





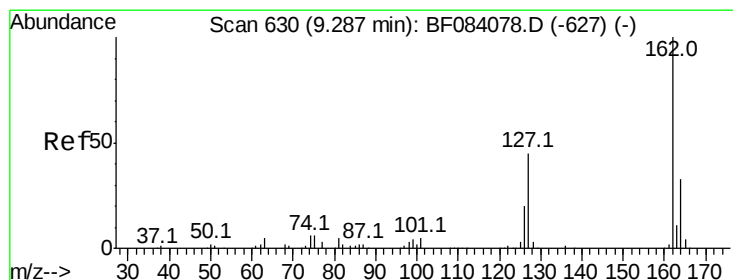
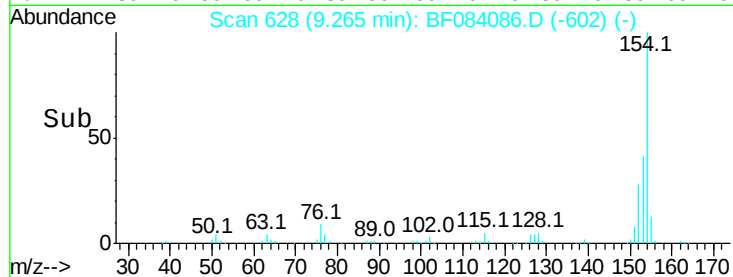
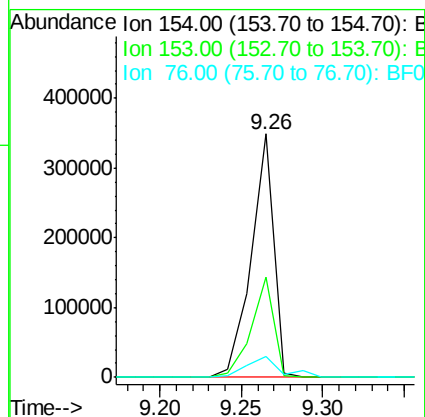
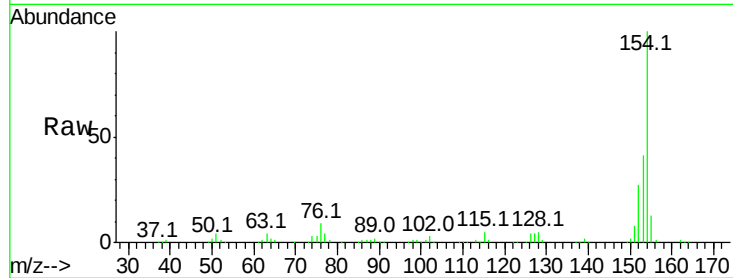
#45  
 1,1'-Biphenyl  
 Concen: 42.37 ng  
 RT: 9.26 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 333405 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.2  | 21.6  | 61.6   |
| 76        | 8.6   | 0.0   | 32.7   |

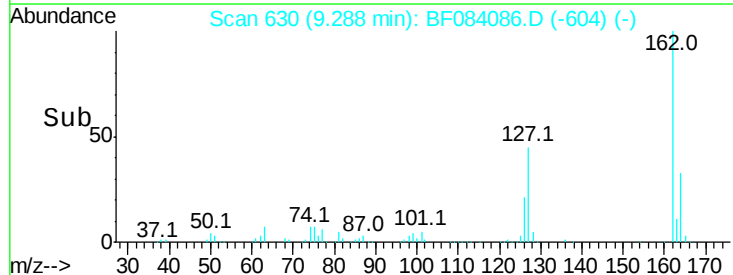
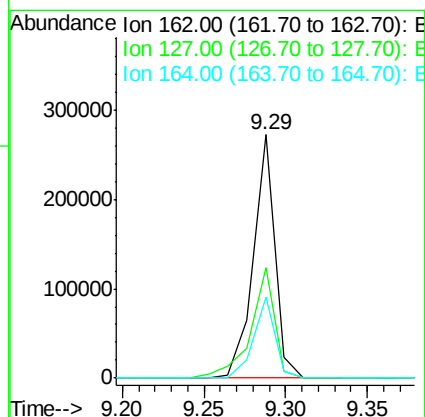
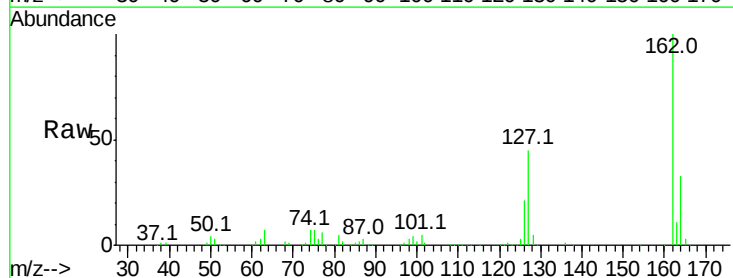
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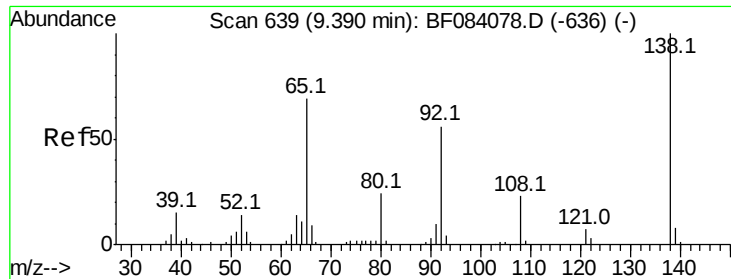
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#46  
 2-Chloronaphthalene  
 Concen: 41.85 ng  
 RT: 9.29 min Scan# 630  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 250358 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 45.4  | 40.2  | 60.4   |
| 164       | 33.2  | 25.7  | 38.5   |





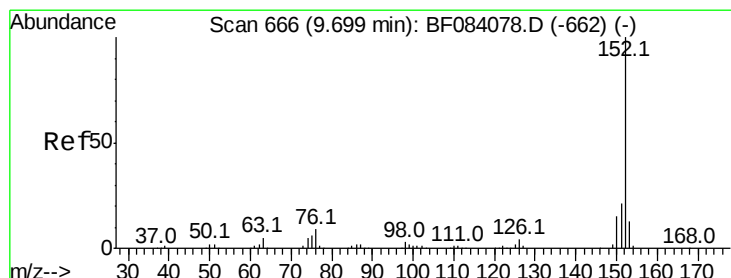
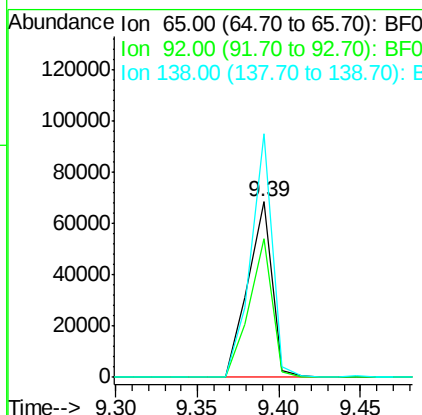
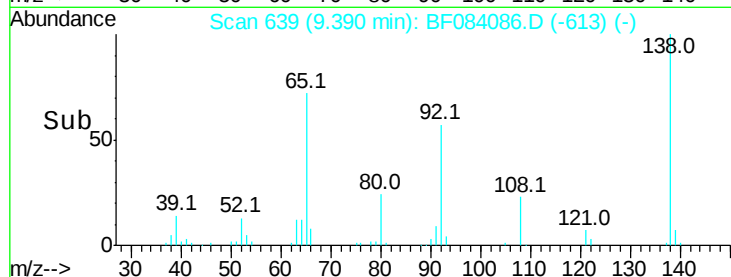
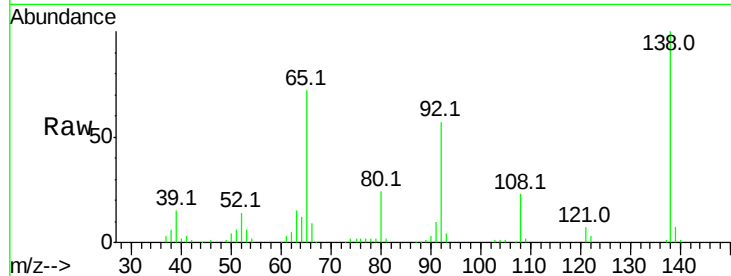
#47  
 2-Nitroaniline  
 Concen: 44.37 ng  
 RT: 9.39 min Scan# 639  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 79.0  | 53.4  | 80.2   |
| 138     | 138.7 | 71.1  | 106.7# |

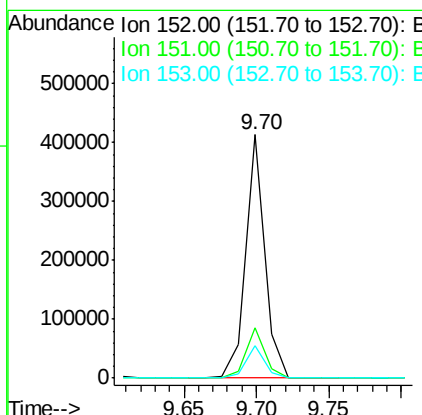
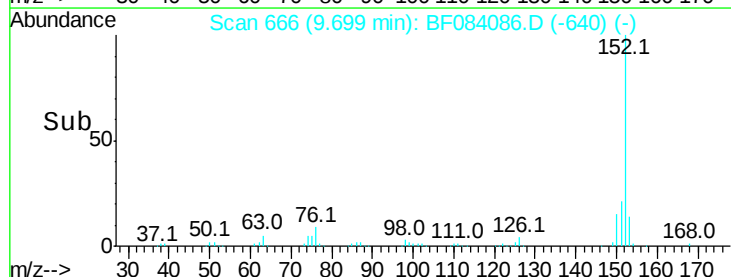
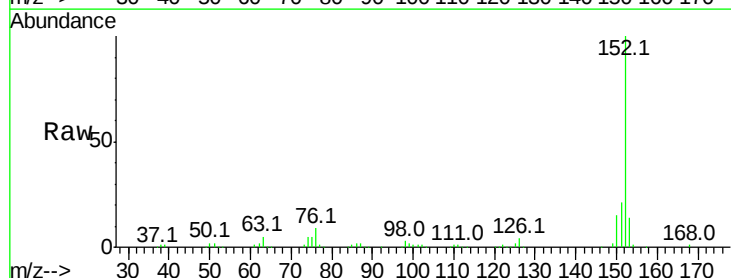
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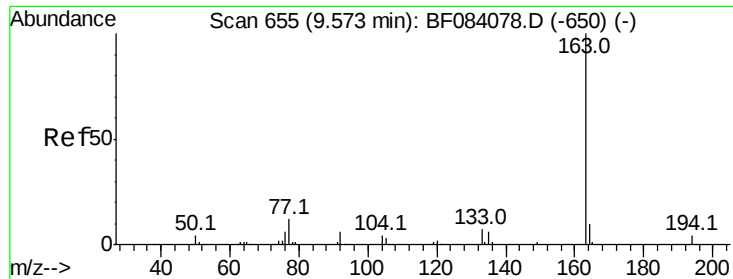
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#48  
 Acenaphthylene  
 Concen: 38.41 ng  
 RT: 9.70 min Scan# 666  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 16.3  | 24.5  |
| 153     | 13.5  | 10.4  | 15.6  |





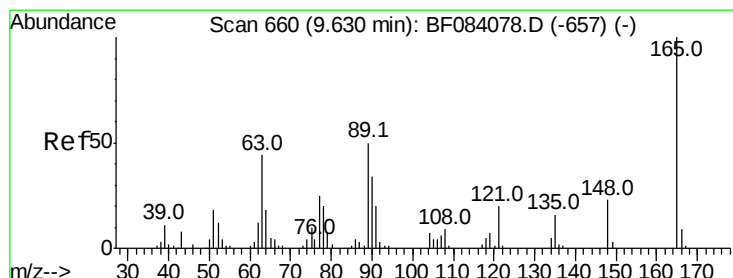
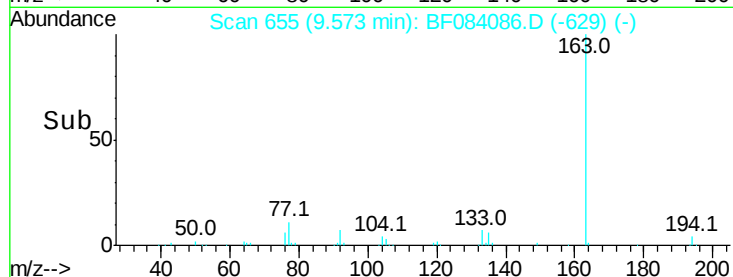
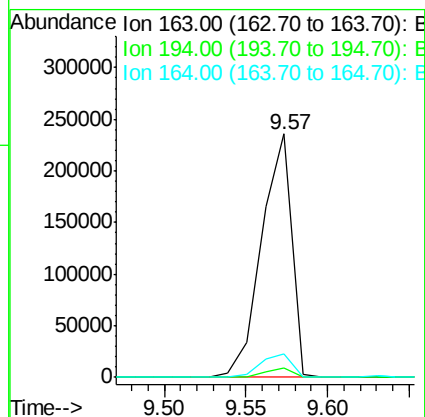
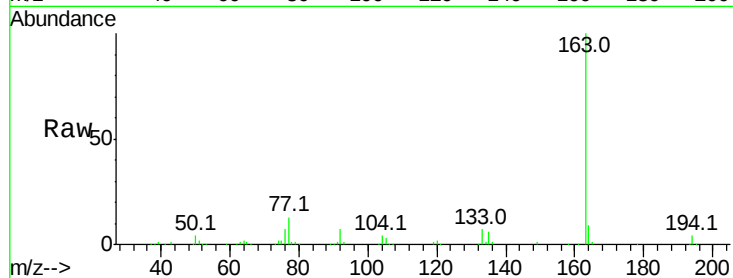
#49  
Dimethylphthalate  
Concen: 42.02 ng  
RT: 9.57 min Scan# 655  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.7   | 8.0        | 12.0#      |
| 164     | 9.4   | 8.0        | 12.0       |

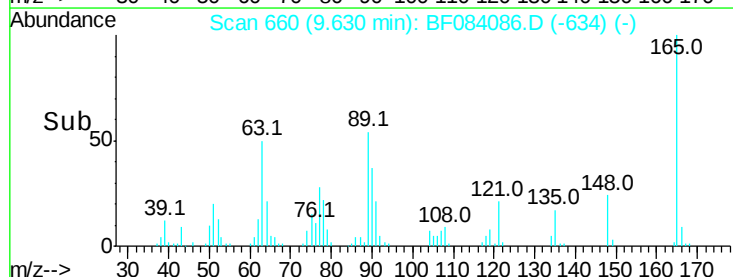
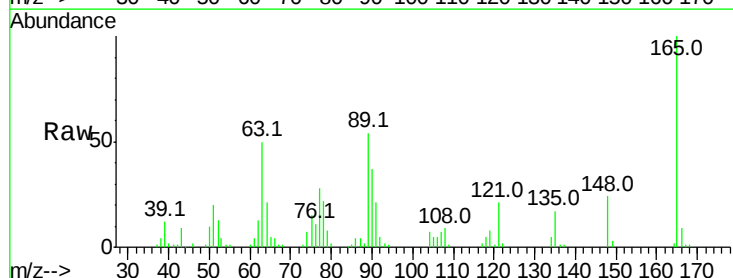
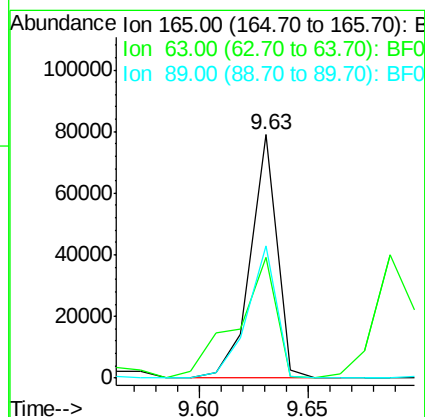
Manual Integrations  
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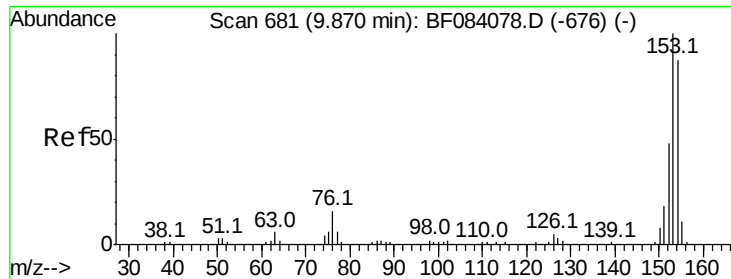
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#50  
2,6-Dinitrotoluene  
Concen: 43.80 ng  
RT: 9.63 min Scan# 660  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 49.7  | 28.8       | 43.2#      |
| 89      | 54.4  | 35.1       | 52.7#      |





#51

Acenaphthene

Concen: 39.07 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

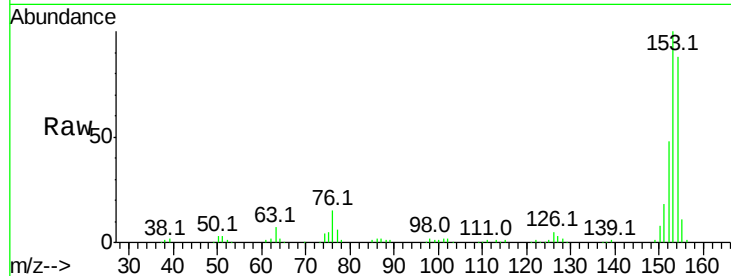
ClientSampleId :

PB87523BS

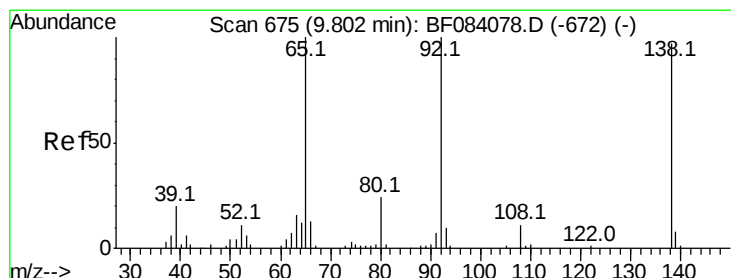
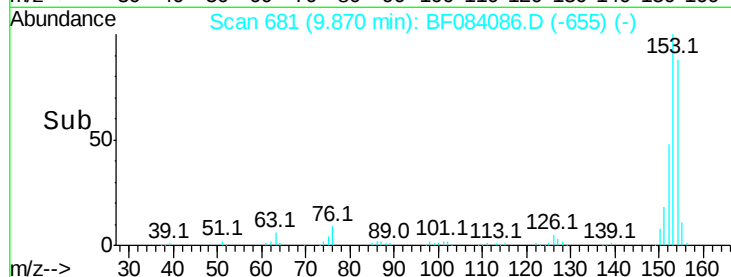
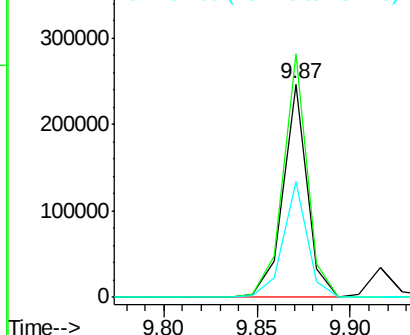
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 223276 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.3 | 91.5  | 137.3  |
| 152       | 54.3  | 43.0  | 64.6   |

Manual Integrations  
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.18 ng

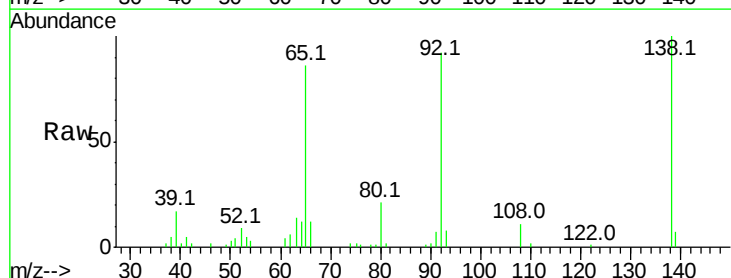
RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

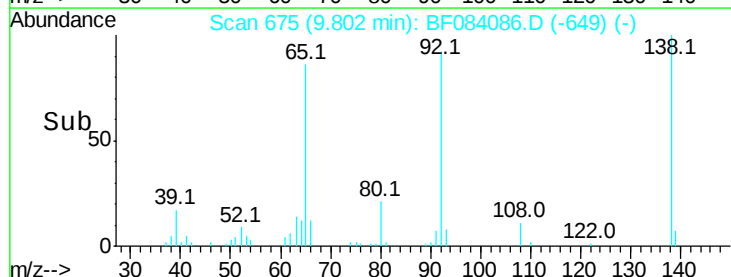
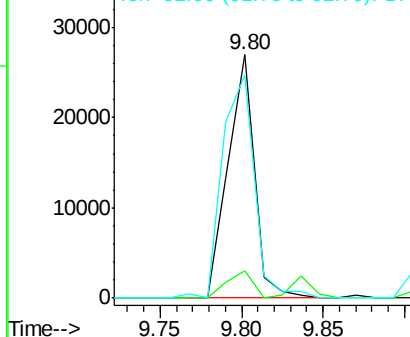
Lab File: BF084086.D

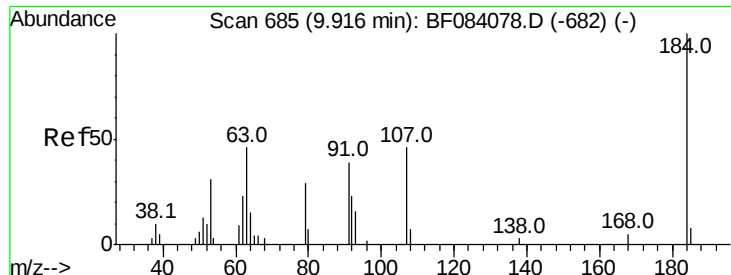
Acq: 24 Dec 2015 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 29874  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.2  | 10.5  | 15.7   |
| 92        | 91.6  | 103.9 | 155.9# |



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





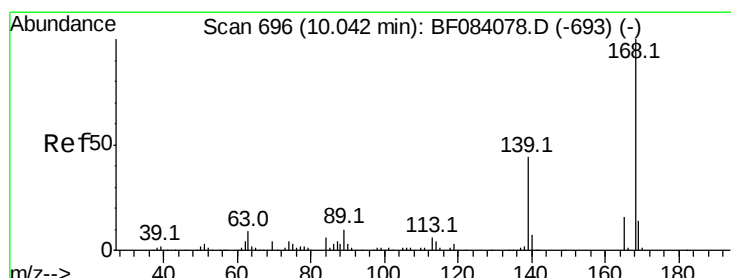
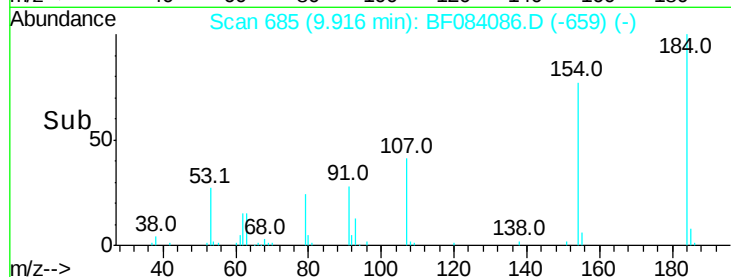
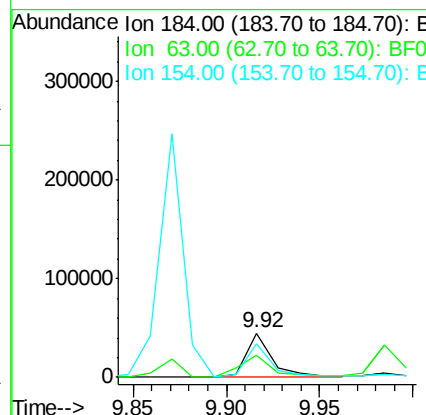
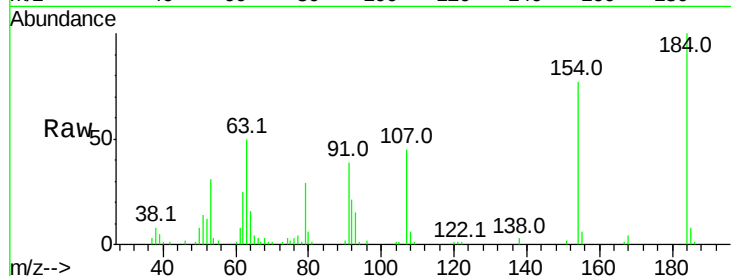
#53  
 2,4-Dinitrophenol  
 Concen: 76.11 ng  
 RT: 9.92 min Scan# 685  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 50.0  | 43.1  | 64.7  |
| 154     | 77.3  | 60.5  | 90.7  |

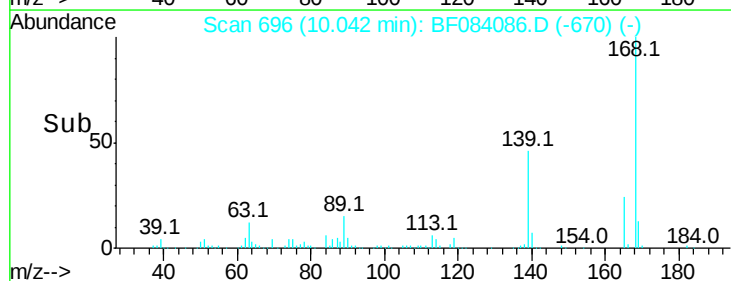
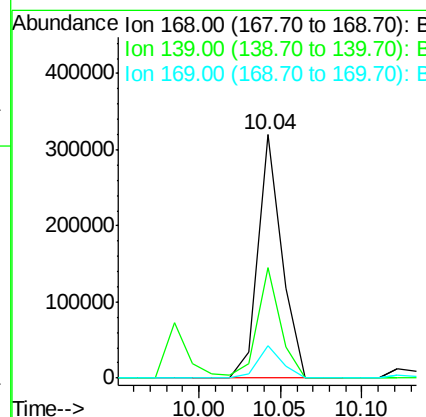
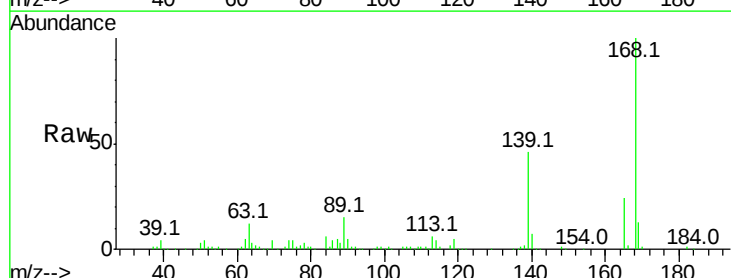
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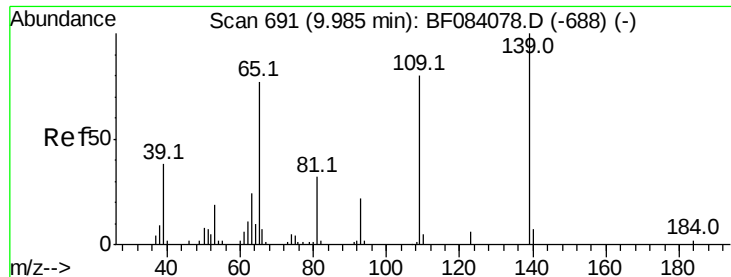
Sohil  
 12/28/2015 1:09:44 PM



#54  
 Dibenzofuran  
 Concen: 41.48 ng  
 RT: 10.04 min Scan# 696  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 45.6  | 30.5  | 45.7  |
| 169     | 13.4  | 10.4  | 15.6  |





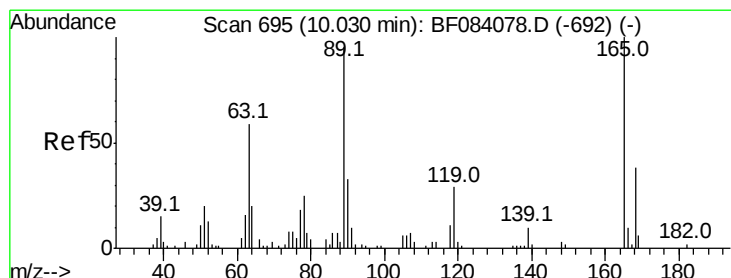
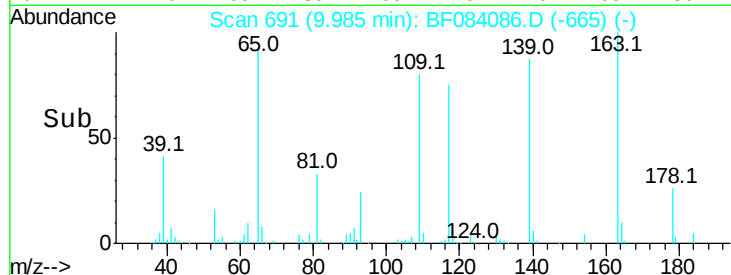
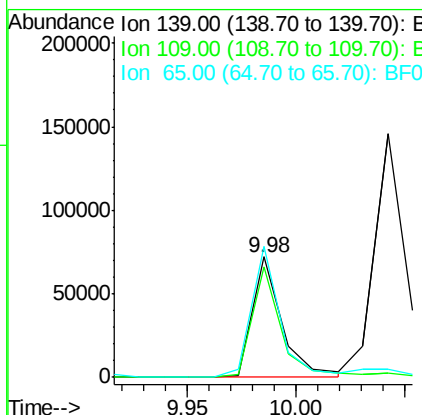
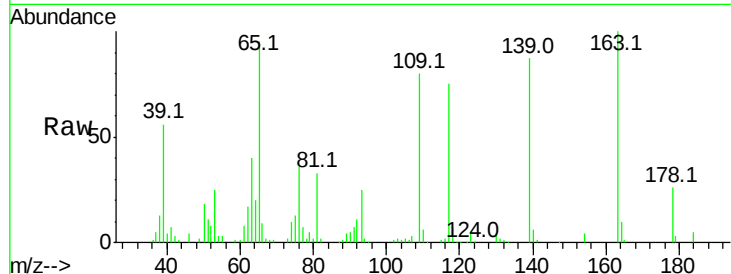
#55  
4-Nitrophenol  
Concen: 81.68 ng  
RT: 9.98 min Scan# 691  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 68517 |       |       |
| 109     | 92.2  | 58.5  | 98.5  |       |
| 65      | 109.0 | 57.6  | 97.6# |       |

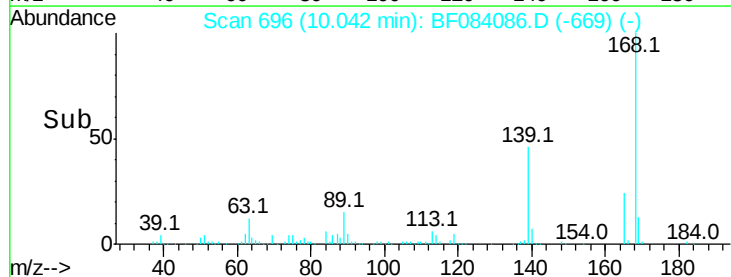
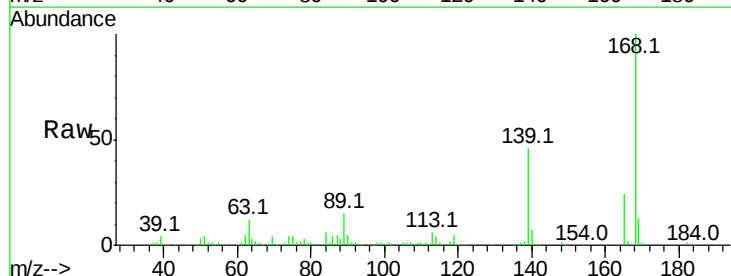
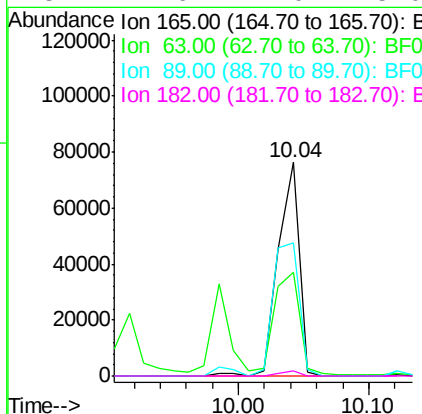
Manual Integrations  
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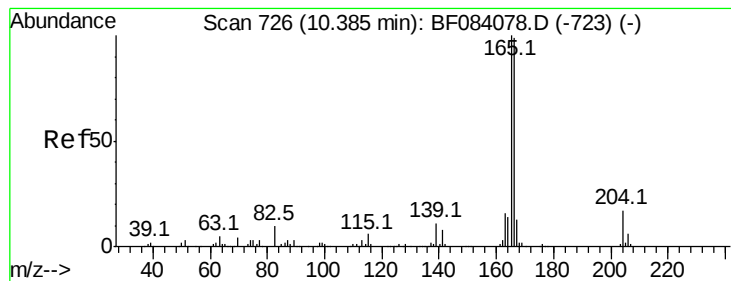
Sohil  
12/28/2015 1:09:44 PM



#56  
2,4-Dinitrotoluene  
Concen: 42.96 ng  
RT: 10.04 min Scan# 696  
Delta R.T. 0.01 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 86834 |       |       |
| 63      | 48.8  | 36.7  | 55.1  |       |
| 89      | 62.6  | 61.9  | 92.9  |       |
| 182     | 2.6   | 2.0   | 3.0   |       |





#57

Fluorene

Concen: 39.49 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

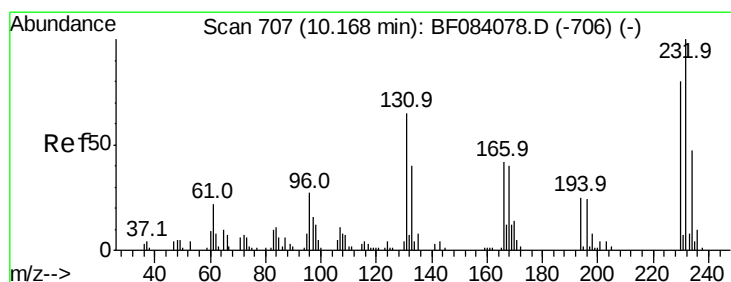
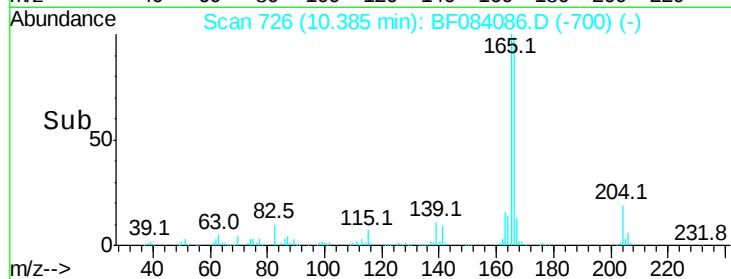
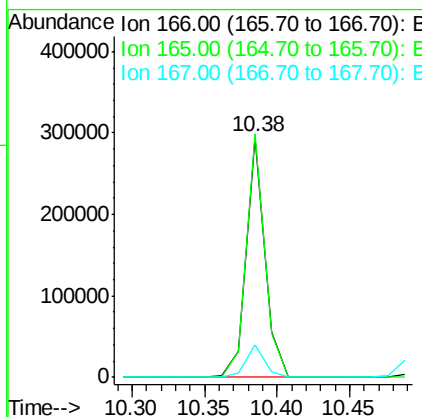
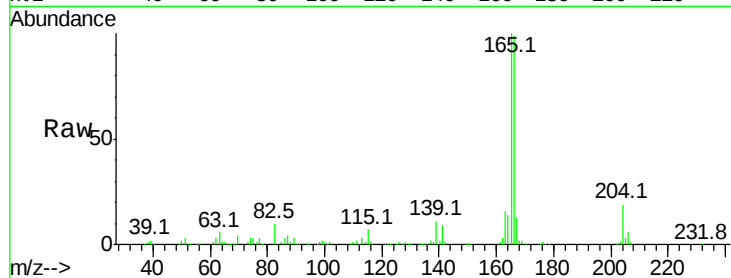
ClientSampleId :

PB87523BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 263774 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 101.3 | 79.1  | 118.7  |
| 167       | 13.5  | 10.4  | 15.6   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.12 ng

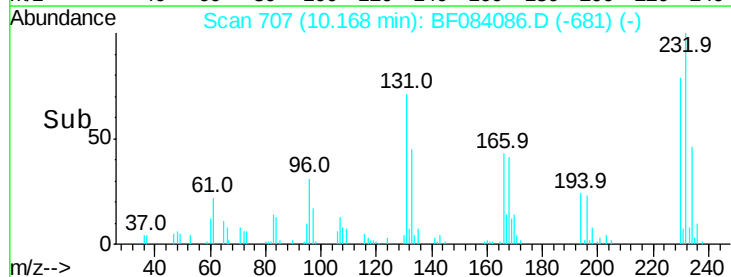
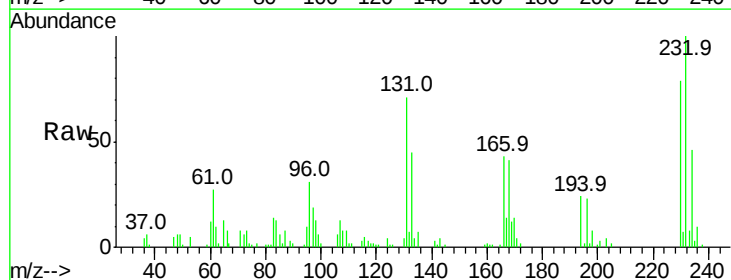
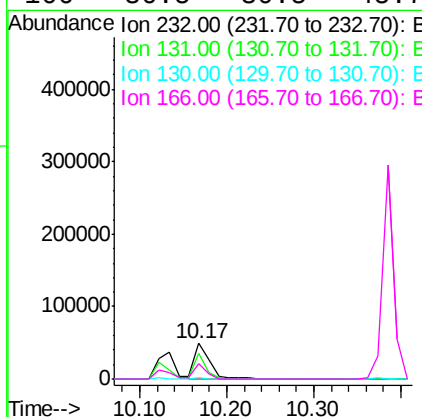
RT: 10.17 min Scan# 707

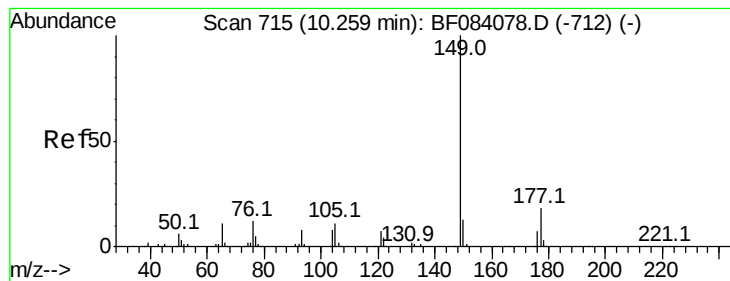
Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 58926 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 58.4  | 47.0  | 70.6  |
| 130       | 2.9   | 2.0   | 3.0   |
| 166       | 36.5  | 30.5  | 45.7  |





#59

Diethylphthalate

Concen: 39.76 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

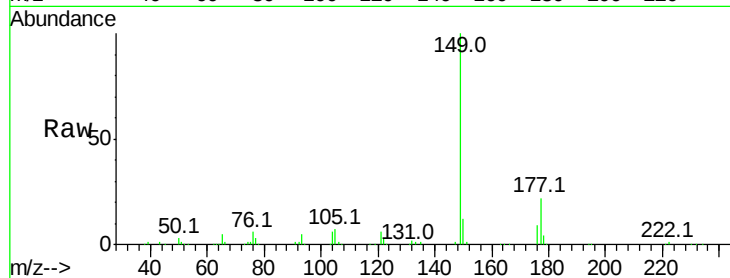
ClientSampled :

PB87523BS

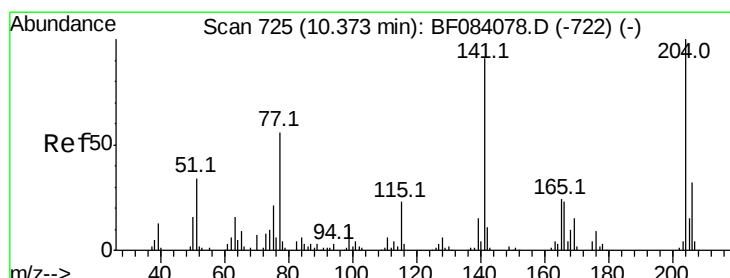
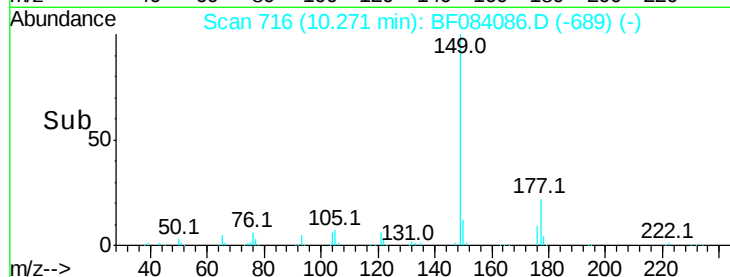
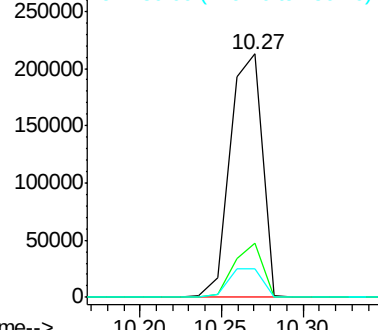
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 291356 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.3  | 17.3  | 25.9   |
| 150       | 12.0  | 9.8   | 14.8   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.84 ng

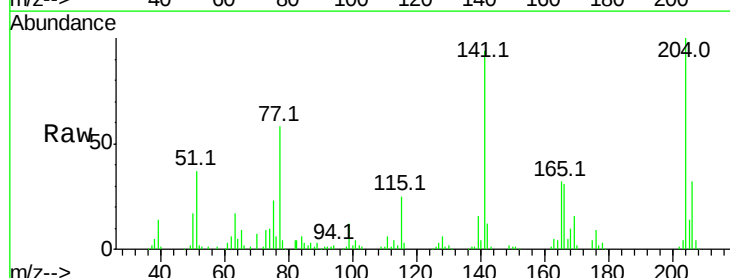
RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

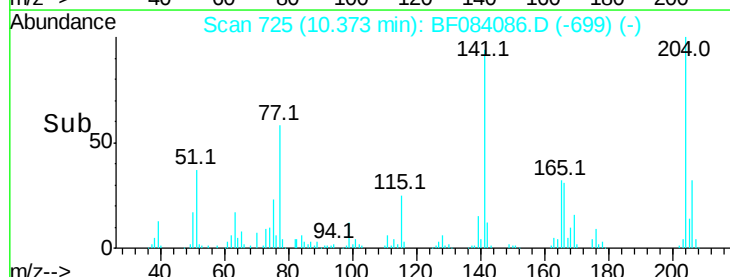
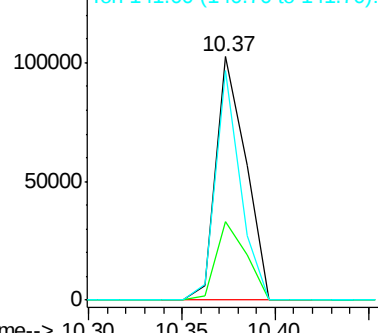
Lab File: BF084086.D

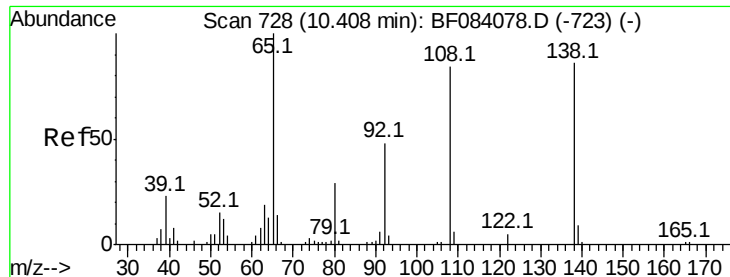
Acq: 24 Dec 2015 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 113486 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.1  | 25.7  | 38.5   |
| 141       | 94.2  | 55.1  | 82.7#  |



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





#61

4-Nitroaniline

Concen: 44.81 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB87523BS

Tot Ion:138 Resp: 68064

Ion Ratio Lower Upper

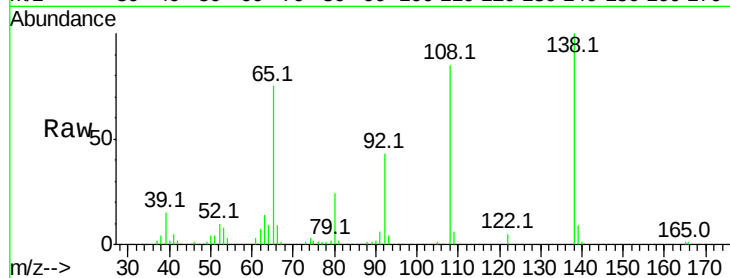
138 100

92 43.1 32.6 72.6

108 85.4 68.6 108.6

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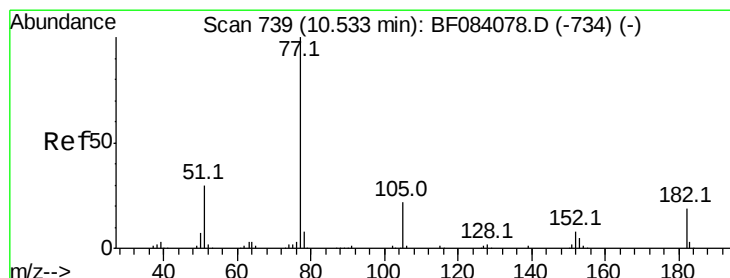
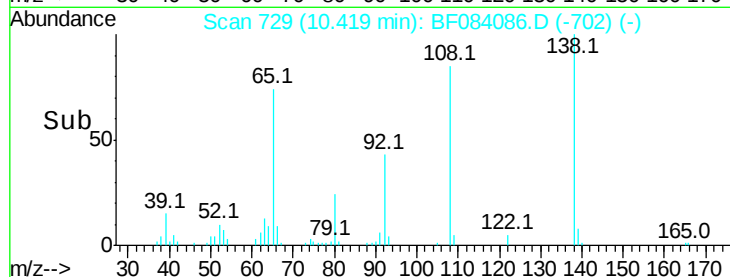
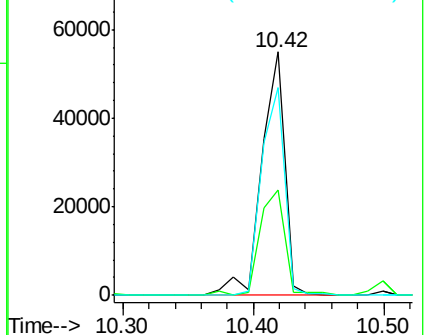
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.63 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Tgt Ion: 77 Resp: 269485

Ion Ratio Lower Upper

77 100

182 17.9 8.3 48.3

105 21.9 4.6 44.6

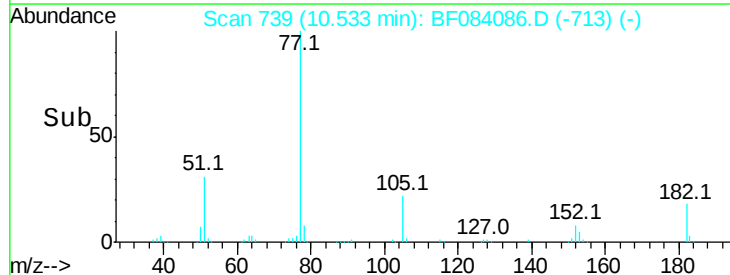
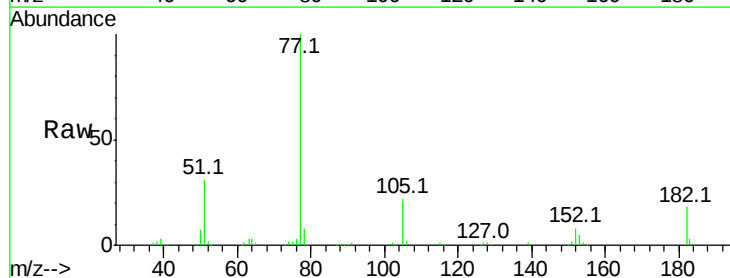
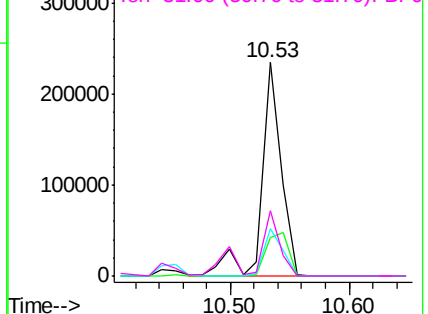
51 30.6 6.2 46.2

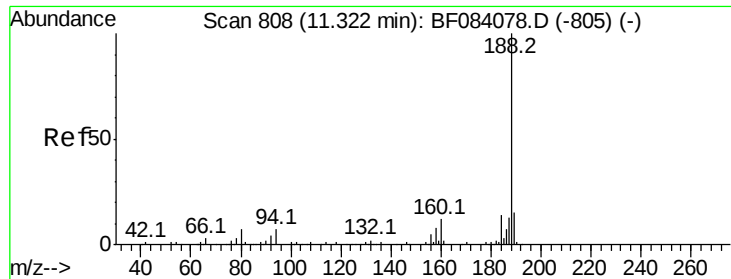
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

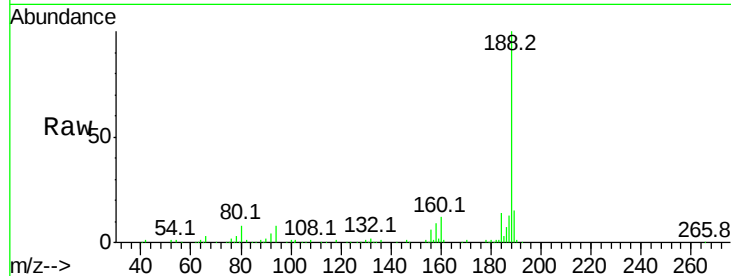
ClientSampleId :

PB87523BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 166460 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.6   | 9.0   | 13.4#  |
| 80        | 8.0   | 9.6   | 14.4#  |

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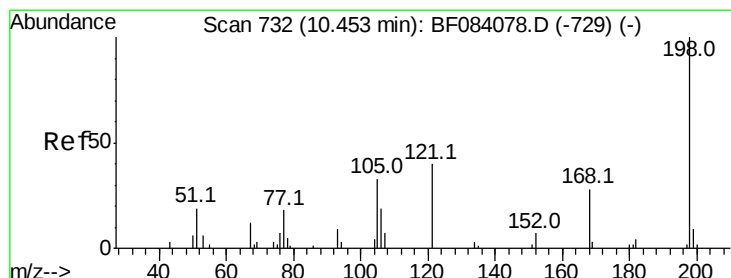
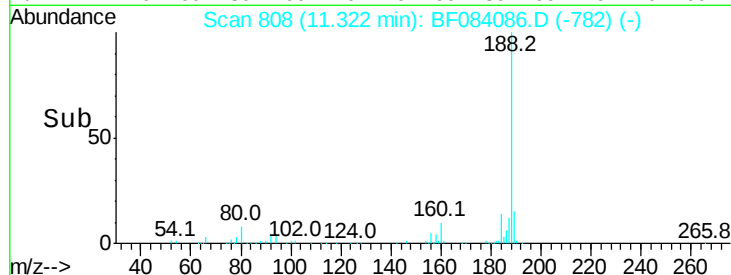
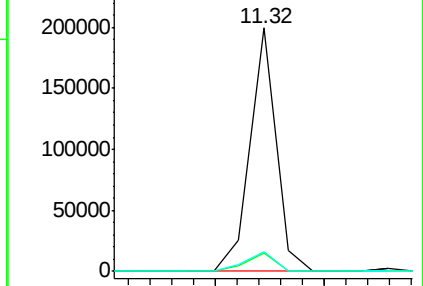
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.43 ng

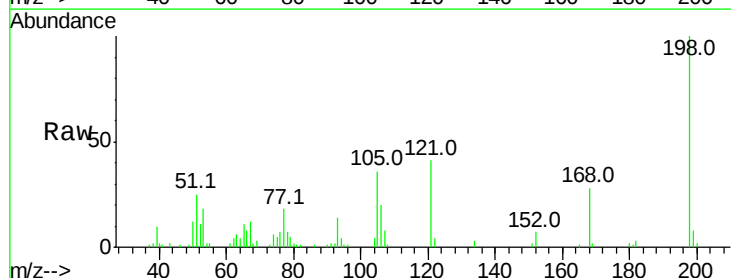
RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

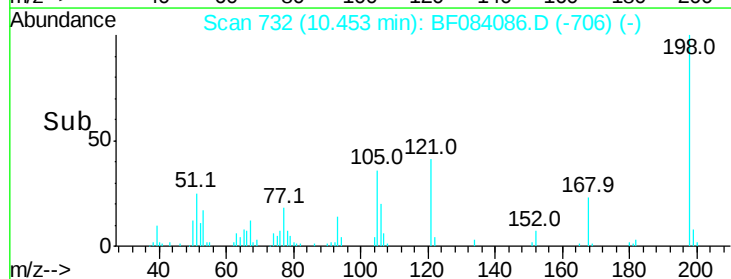
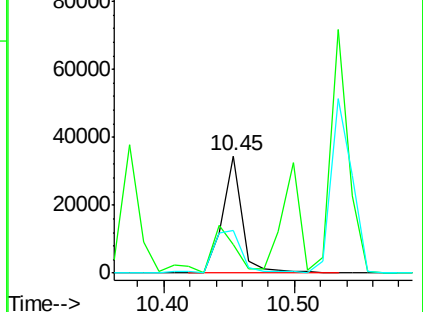
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 36431 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 24.6  | 18.9  | 58.9  |
| 105       | 36.0  | 26.4  | 66.4  |

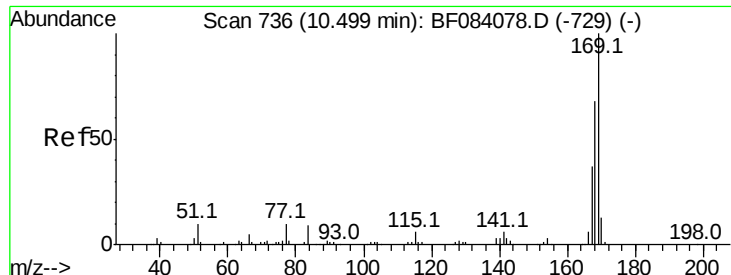


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





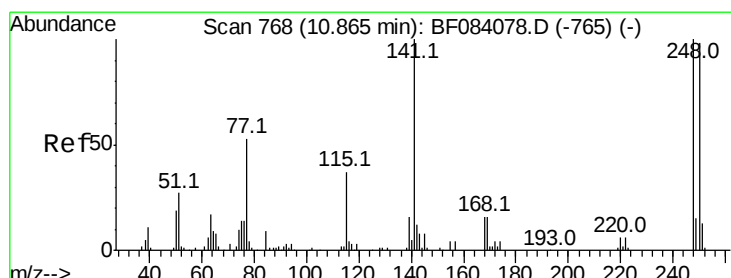
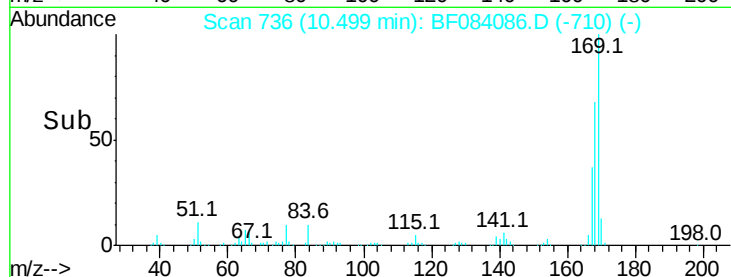
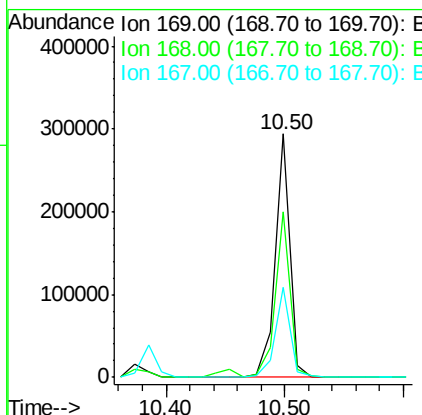
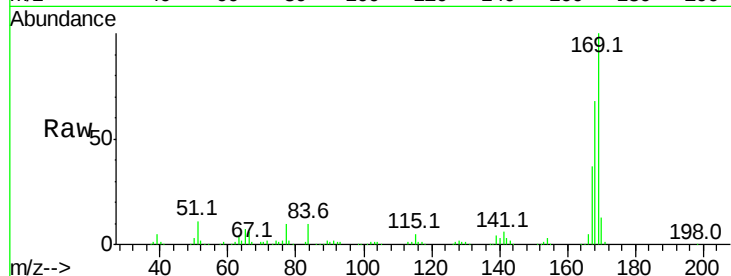
#65  
n-Nitrosodiphenylamine  
Concen: 42.65 ng  
RT: 10.50 min Scan# 736  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 253090 |       |       |
| 168     | 67.9  |        | 55.1  | 82.7  |
| 167     | 36.8  |        | 30.0  | 45.0  |

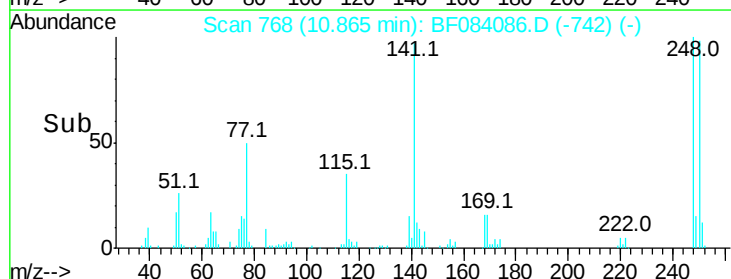
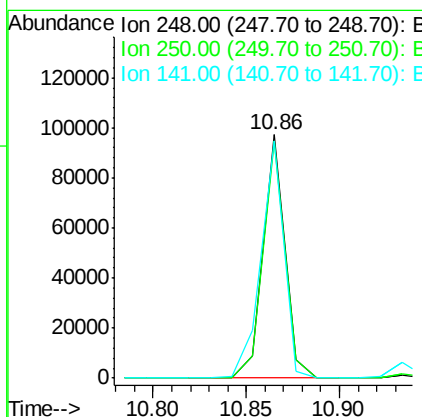
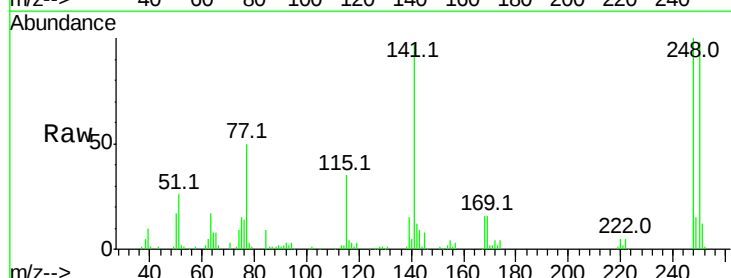
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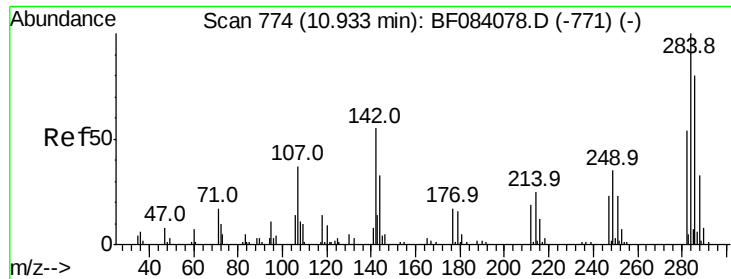
Sohil  
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#66  
4-Bromophenyl-phenylether  
Concen: 40.47 ng  
RT: 10.86 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 78038 |       |       |
| 250     | 97.5  |       | 78.4  | 117.6 |
| 141     | 97.3  |       | 44.0  | 66.0  |





#67

Hexachlorobenzene

Concen: 37.86 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

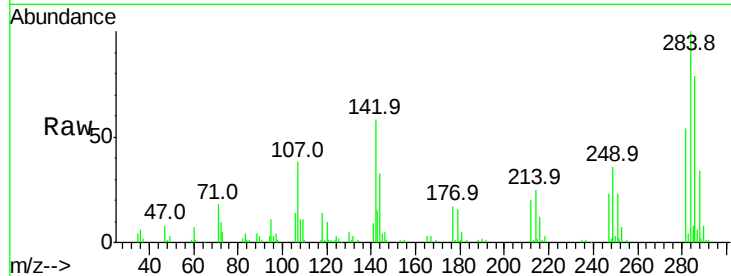
ClientSampleId :

PB87523BS

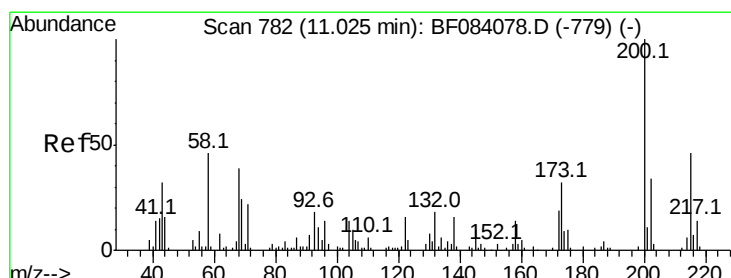
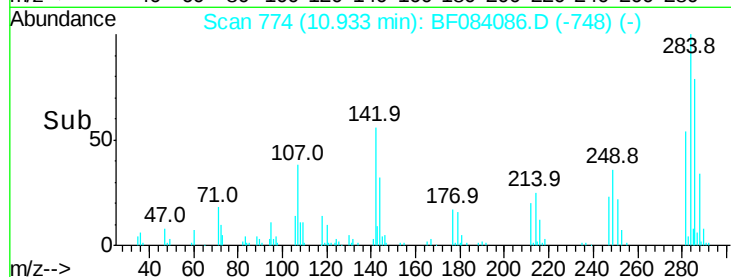
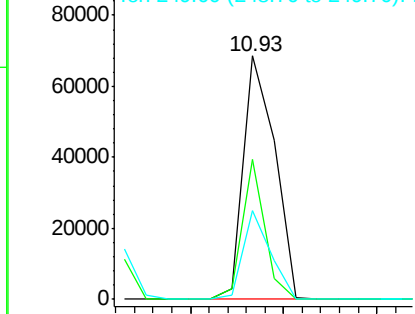
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 284   | Resp: | 79942 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 57.6  | 22.2  | 33.4# |
| 249       | 36.4  | 24.6  | 37.0  |

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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: 37.00 ng

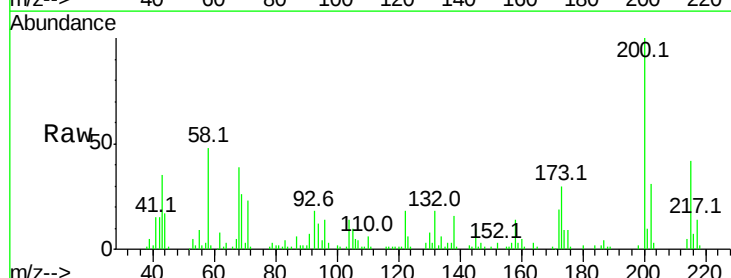
RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

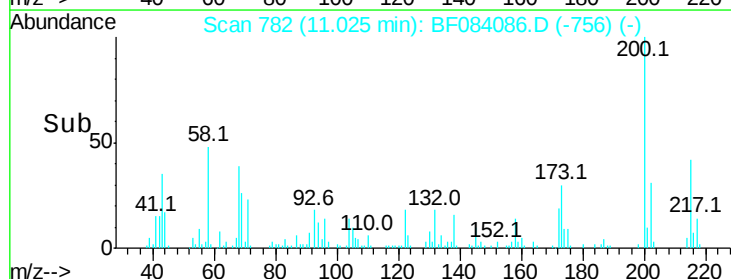
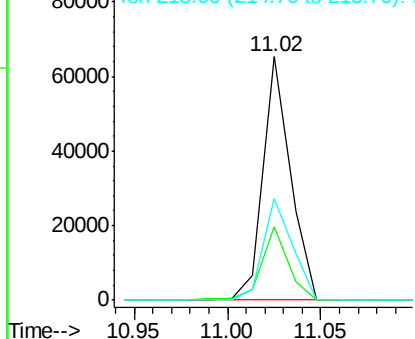
Lab File: BF084086.D

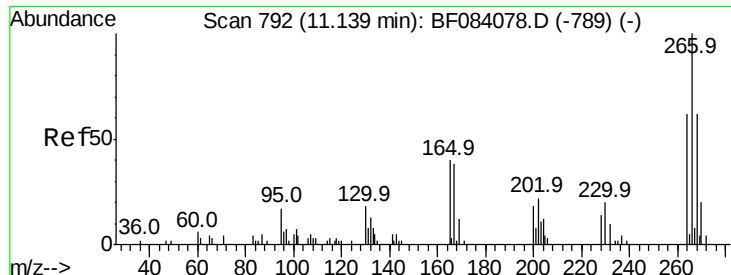
Acq: 24 Dec 2015 18:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 66121 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 30.4  | 9.5   | 49.5  |
| 215       | 41.7  | 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





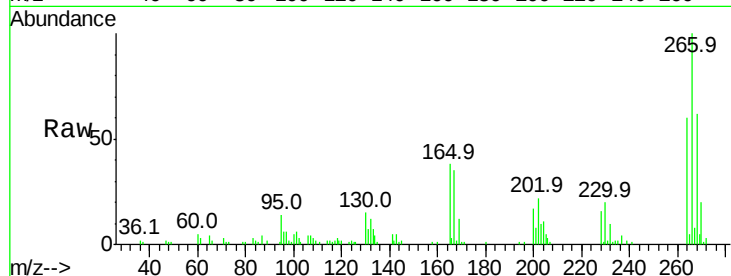
#69  
 Pentachlorophenol  
 Concen: 83.49 ng  
 RT: 11.14 min Scan# 792  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

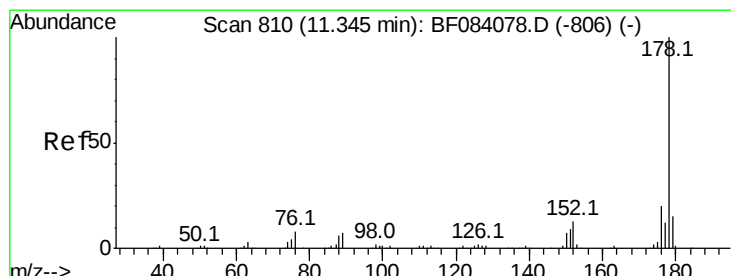
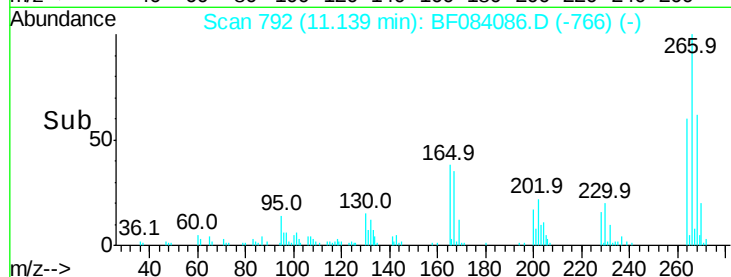
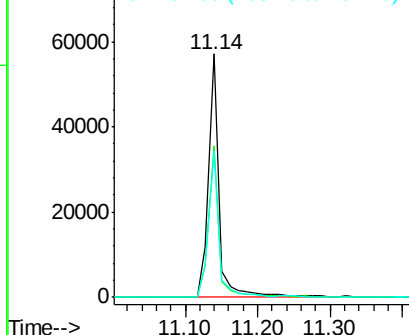
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 58233 |       |       |
| 268     | 62.0  |       | 52.4  | 78.6  |
| 264     | 60.0  |       | 50.2  | 75.2  |

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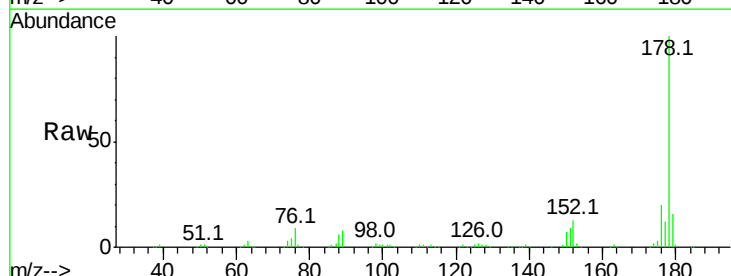


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

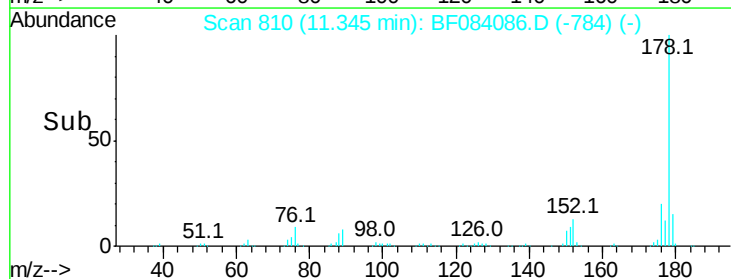
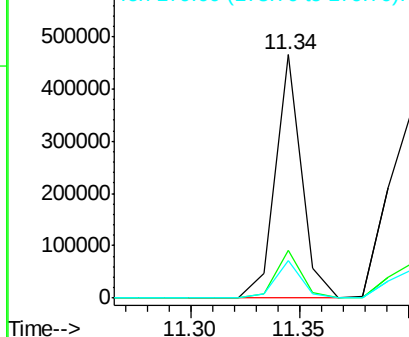


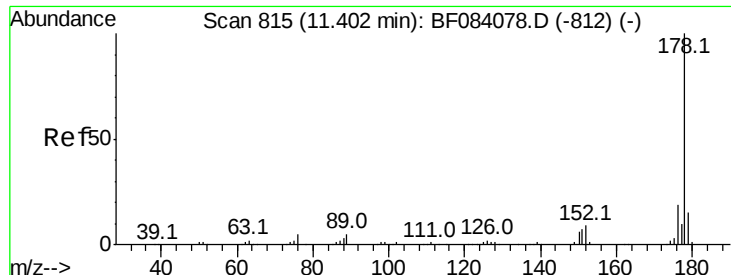
#70  
 Phenanthrene  
 Concen: 39.84 ng  
 RT: 11.34 min Scan# 810  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 393151 |       |       |
| 176     | 19.7  |        | 15.3  | 22.9  |
| 179     | 15.6  |        | 12.0  | 18.0  |



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





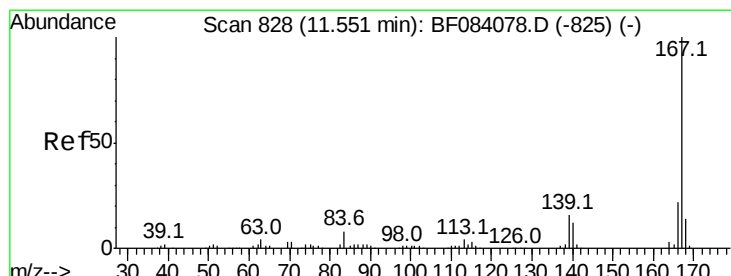
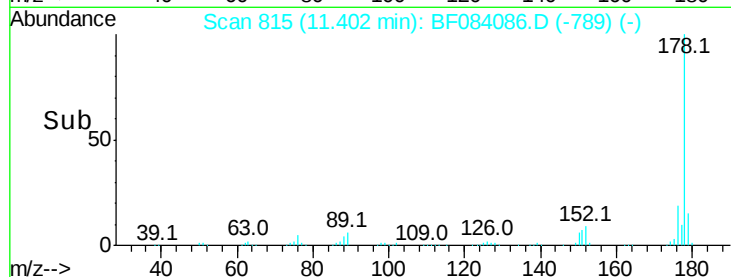
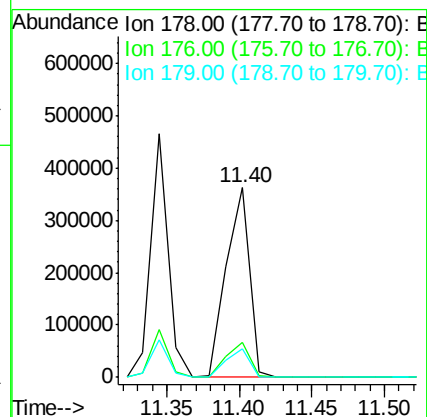
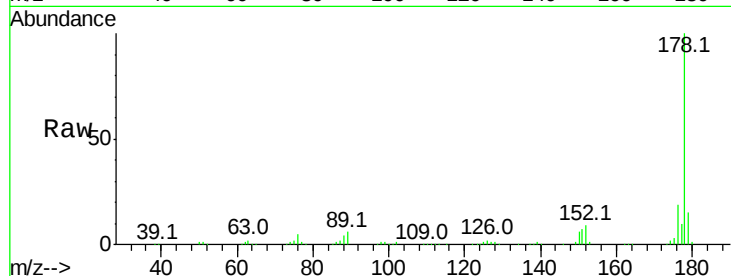
#71  
 Anthracene  
 Concen: 39.27 ng  
 RT: 11.40 min Scan# 815  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.4  | 23.0  |
| 179     | 15.4  | 12.5  | 18.7  |

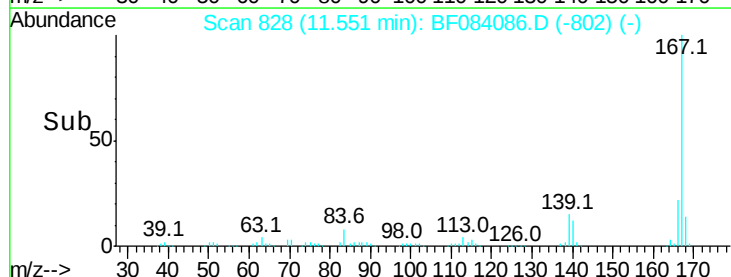
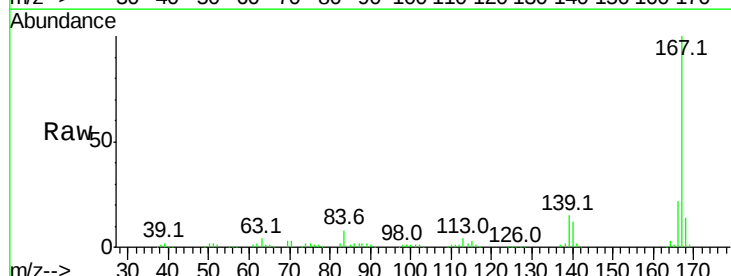
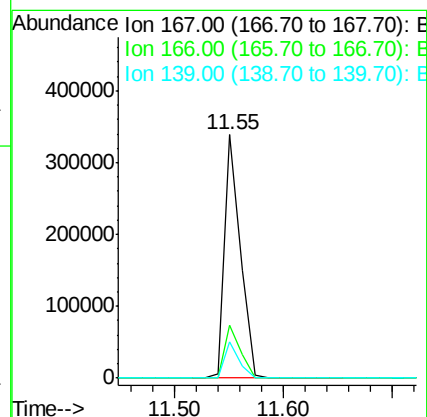
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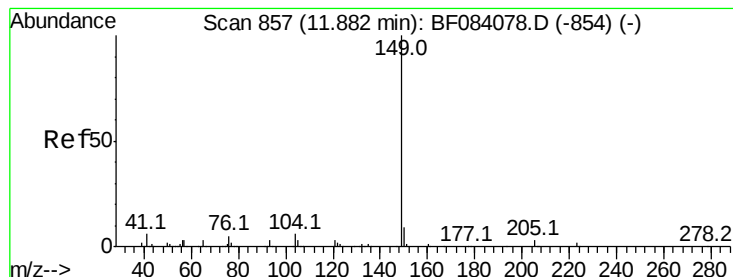
Sohil  
 12/28/2015 1:09:44 PM



#72  
 Carbazole  
 Concen: 39.22 ng  
 RT: 11.55 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.6  | 26.4  |
| 139     | 15.0  | 11.8  | 17.8  |





#73

Di-n-butylphthalate

Concen: 38.60 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

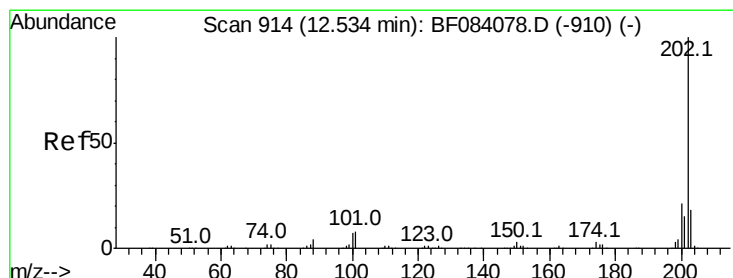
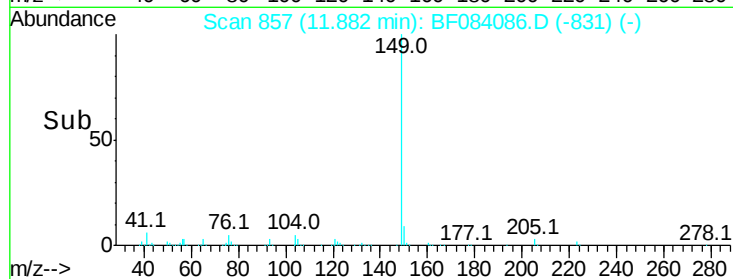
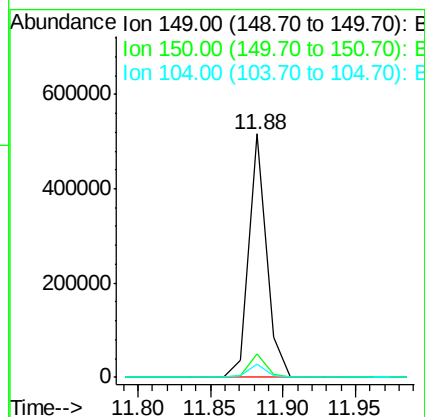
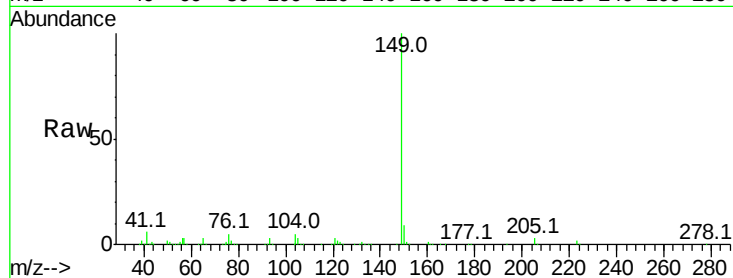
ClientSampleId :

PB87523BS

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| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 9.4   | 7.1  | 10.7  |       |
| 104     | 5.4   | 3.2  | 4.8   |       |



#74

Fluoranthene

Concen: 40.69 ng

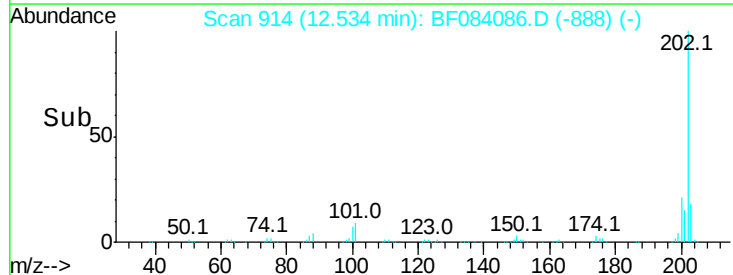
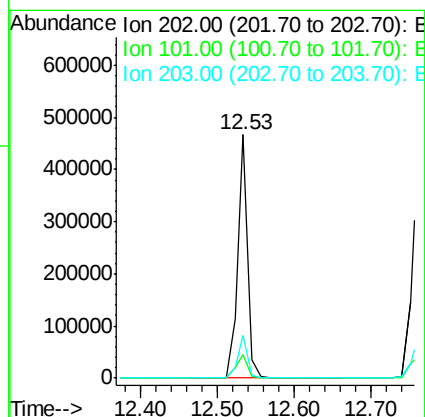
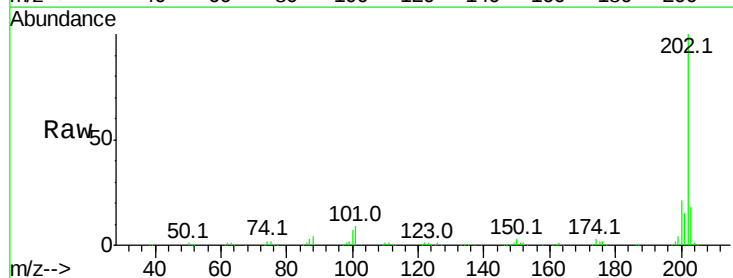
RT: 12.53 min Scan# 914

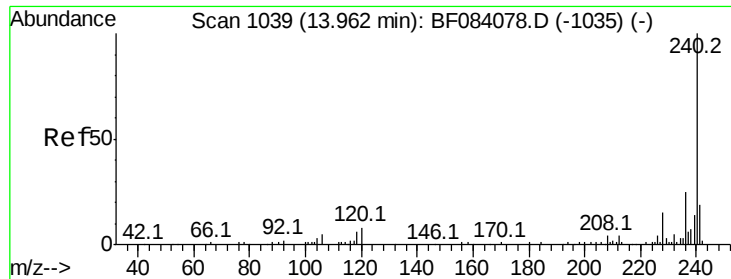
Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 101     | 9.5   | 0.0  | 32.8  |       |
| 203     | 17.7  | 0.0  | 37.9  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

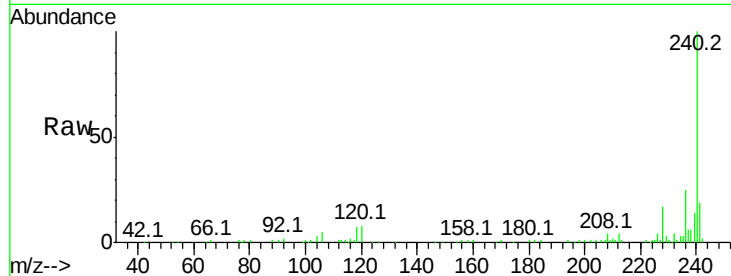
ClientSampleId :

PB87523BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 118422 |       |       |
| 120     | 7.8   | 9.5    | 14.3  | #     |
| 236     | 25.0  | 20.6   | 31.0  |       |

Manual Integrations  
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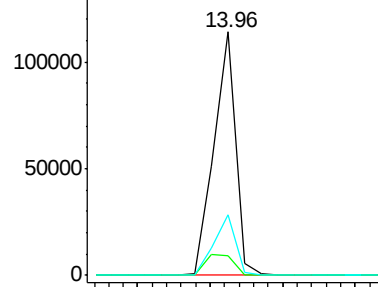
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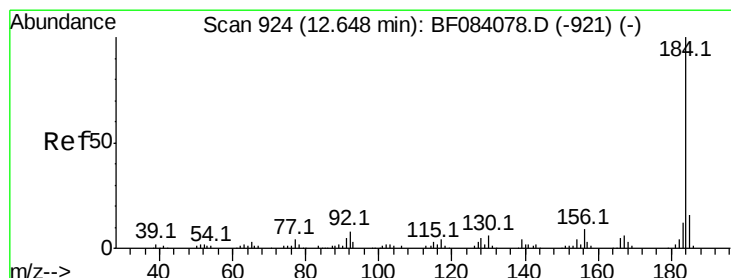
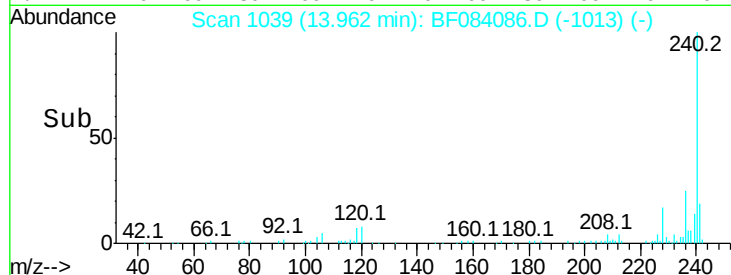
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 25.29 ng

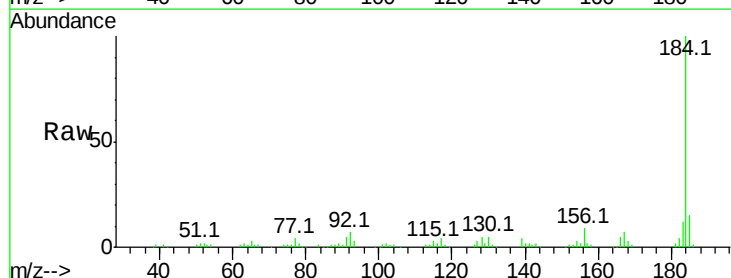
RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

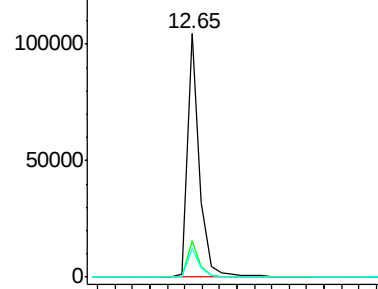
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 101810 |       |       |
| 185     | 14.9  | 12.2   | 18.2  |       |
| 183     | 12.0  | 9.8    | 14.8  |       |



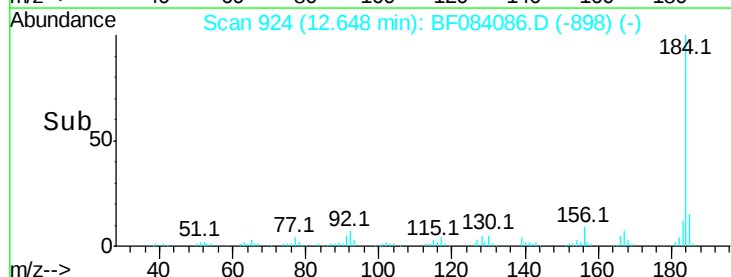
Abundance Ion 184.00 (183.70 to 184.70): E

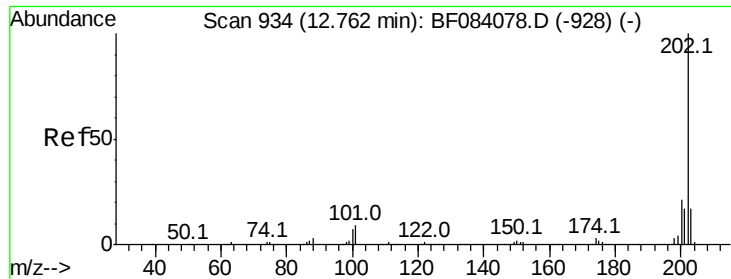
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 42.47 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

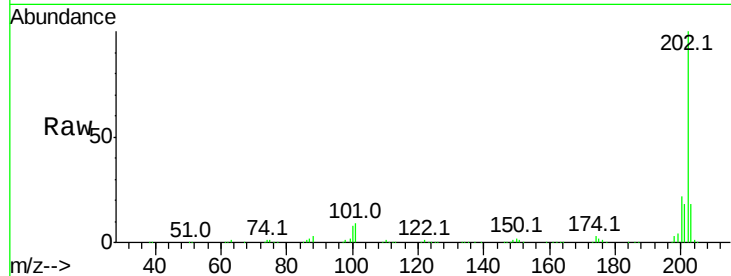
ClientSampleId :

PB87523BS

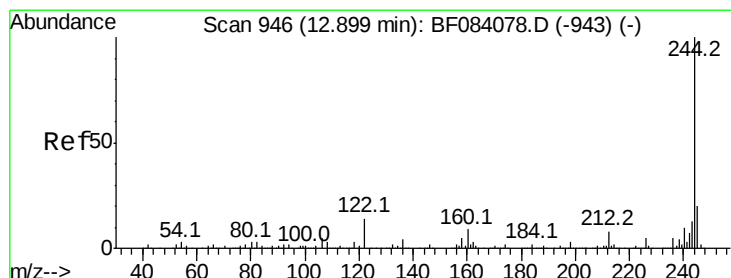
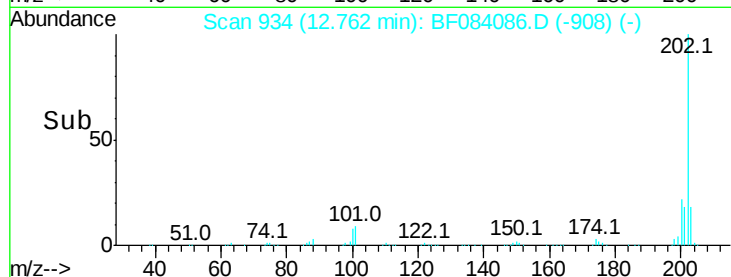
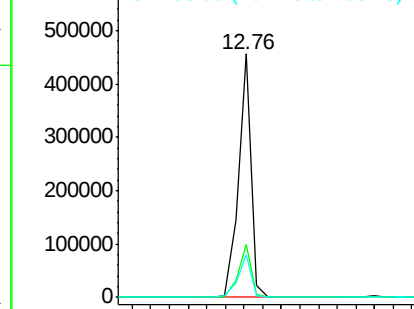
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 433866 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.7  | 17.2  | 25.8   |
| 203       | 17.7  | 14.3  | 21.5   |

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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: 69.50 ng

RT: 12.90 min Scan# 946

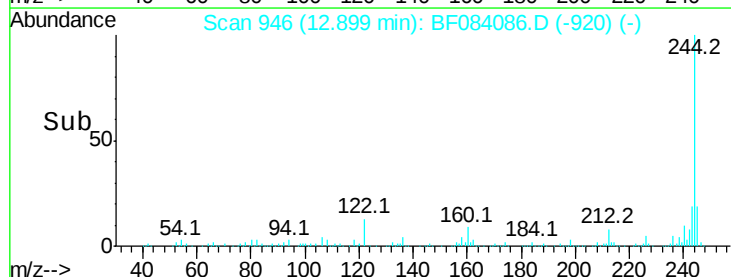
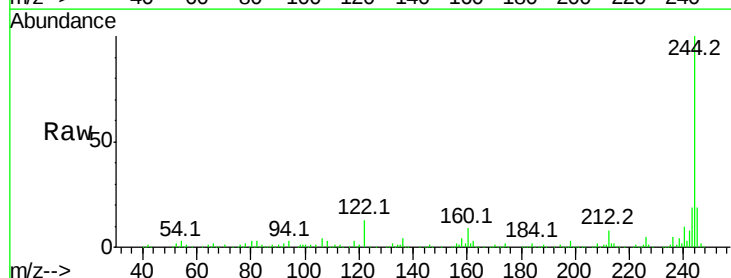
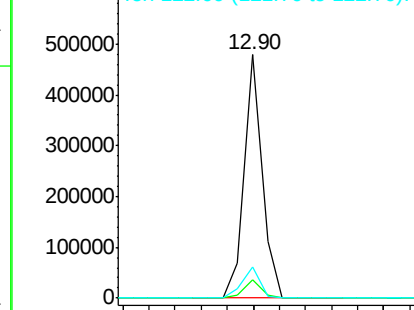
Delta R.T. 0.00 min

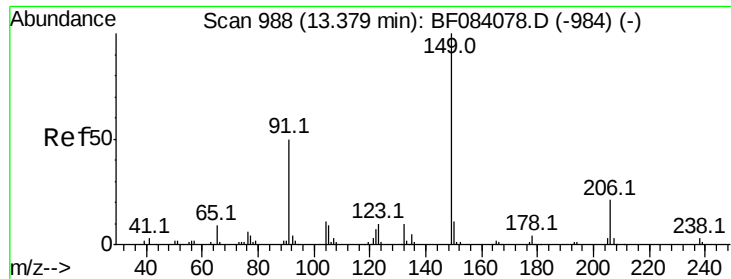
Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 454813 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.7   | 5.7   | 8.5    |
| 122       | 12.8  | 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





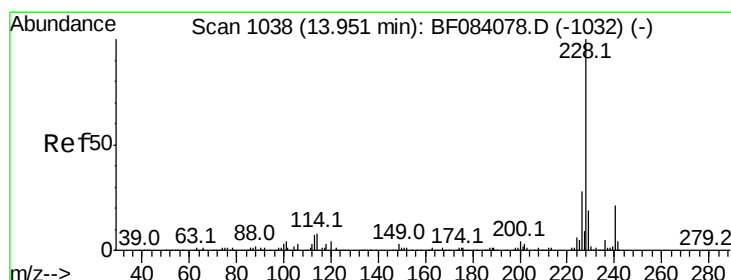
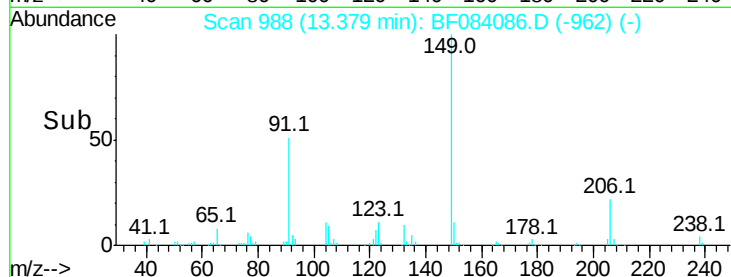
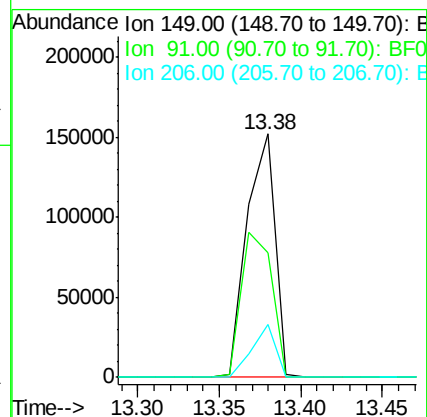
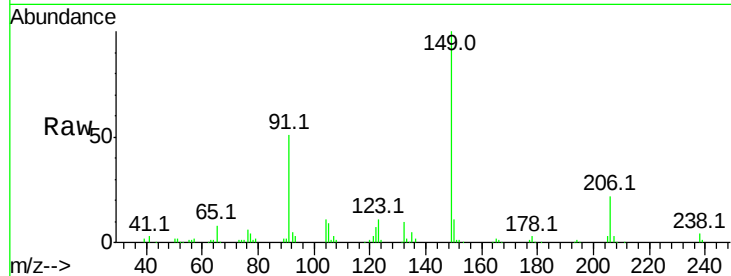
#79  
Butylbenzylphthalate  
Concen: 42.83 ng  
RT: 13.38 min Scan# 988  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 51.0  | 57.6       | 86.4#      |
| 206     | 21.5  | 13.2       | 19.8#      |

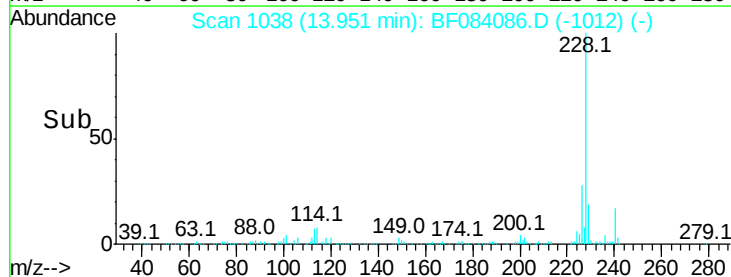
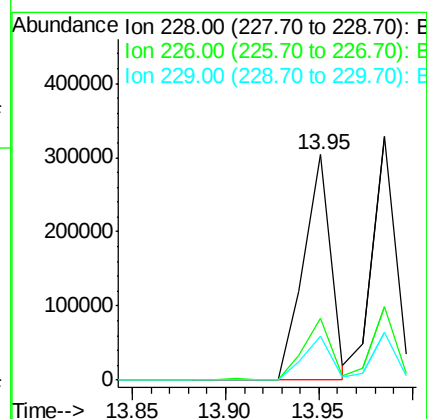
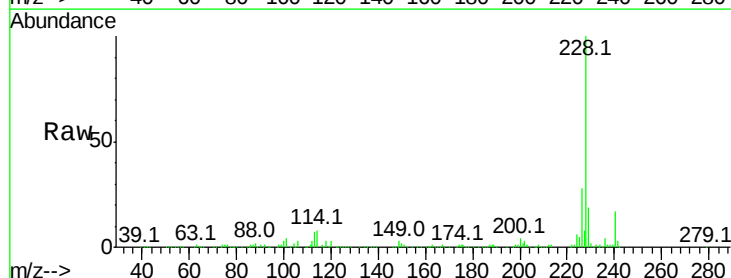
Manual Integrations  
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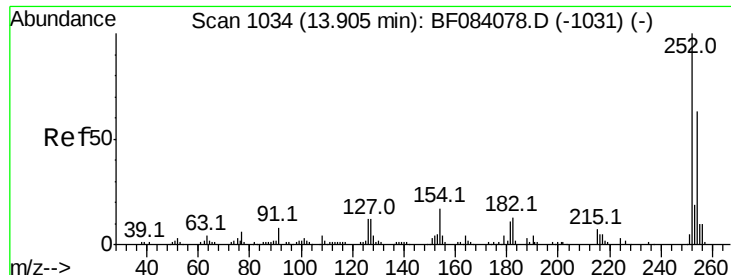
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#80  
Benzo(a)anthracene  
Concen: 41.81 ng  
RT: 13.95 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.5  | 21.8       | 32.6       |
| 229     | 19.4  | 15.8       | 23.8       |





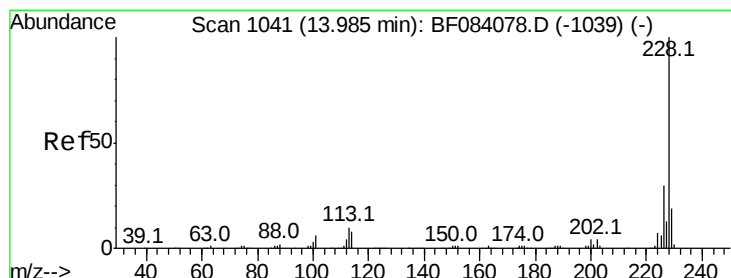
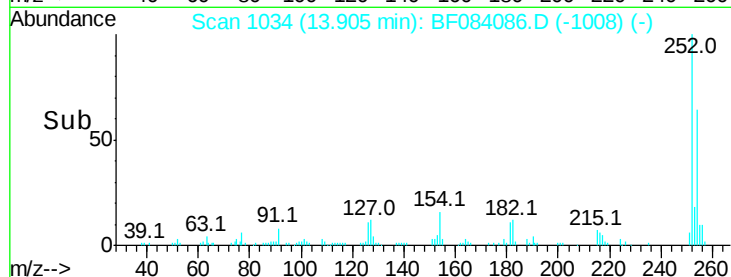
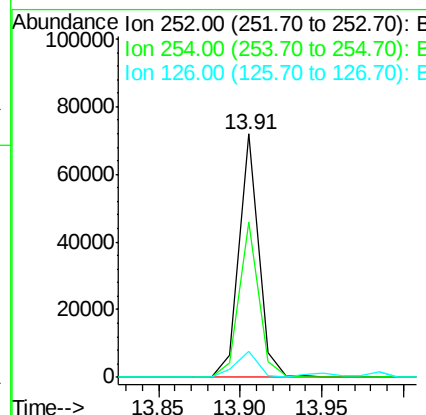
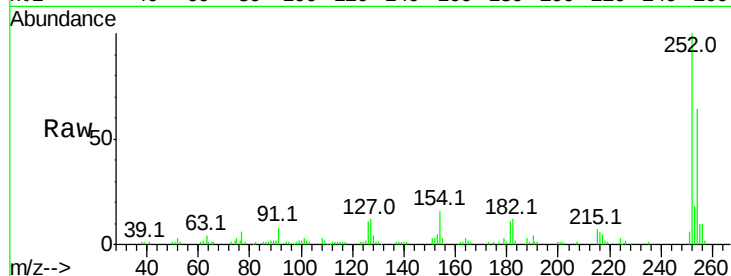
#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.85 ng  
 RT: 13.91 min Scan# 1034  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 63.7  | 53.5       | 80.3       |
| 126     | 10.7  | 4.9        | 7.3        |

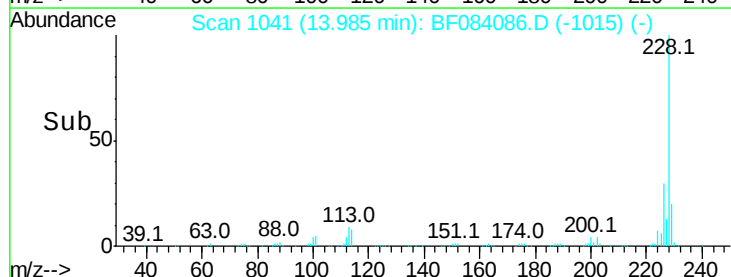
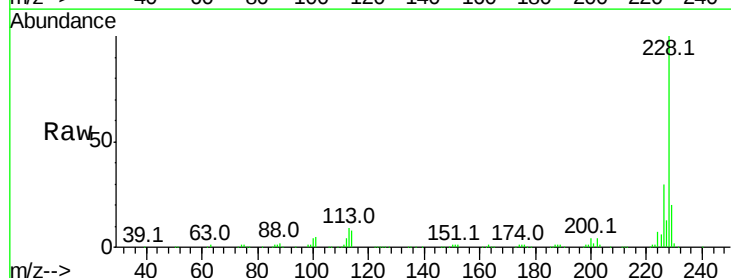
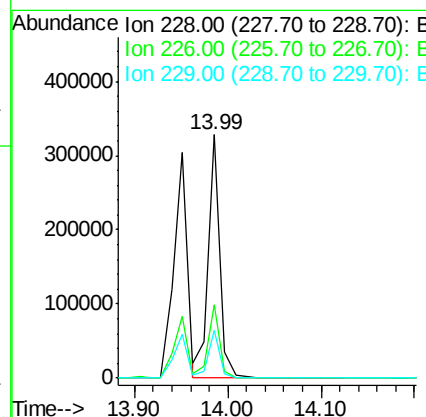
Manual Integrations  
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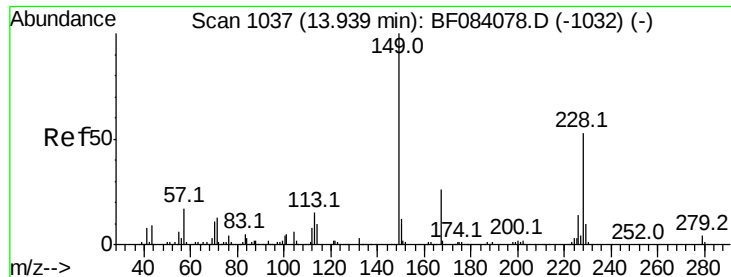
Sohil  
 12/28/2015 1:09:44 PM



#82  
 Chrysene  
 Concen: 43.12 ng  
 RT: 13.99 min Scan# 1041  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.1  | 24.3       | 36.5       |
| 229     | 19.5  | 16.1       | 24.1       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.87 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

ClientSampleId :

PB87523BS

Tot Ion:149 Resp: 239712

Ion Ratio Lower Upper

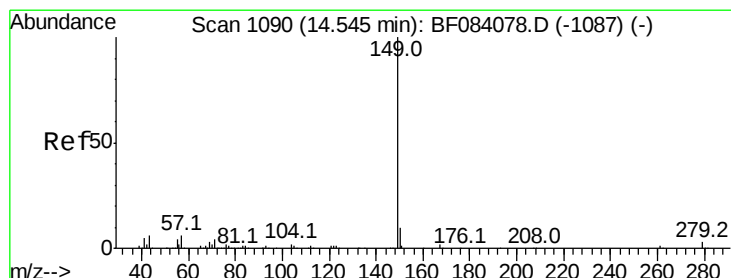
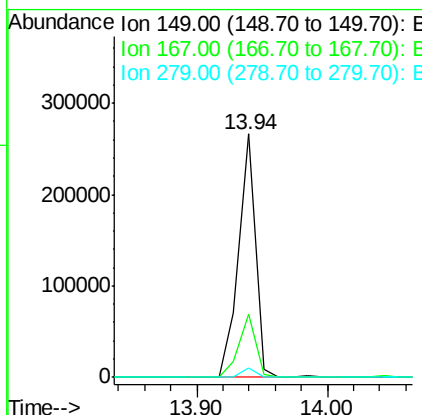
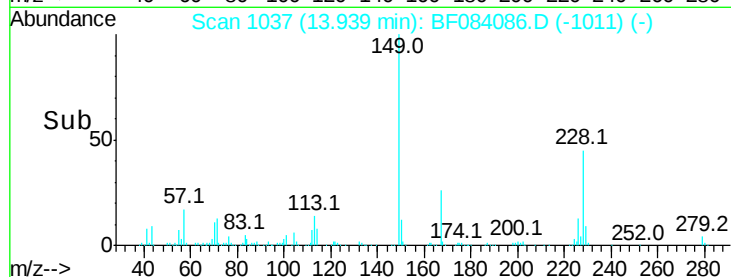
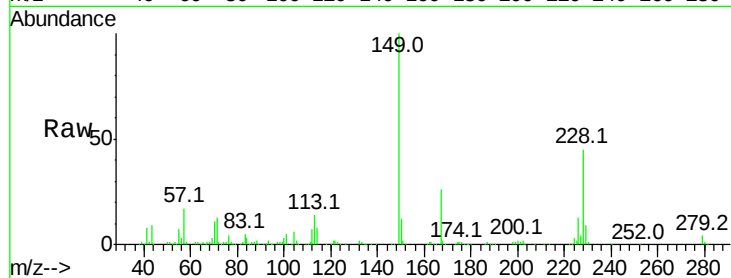
149 100

167 25.7 19.7 29.5

279 3.7 1.8 2.6#

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#84

Di-n-octyl phthalate

Concen: 44.24 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

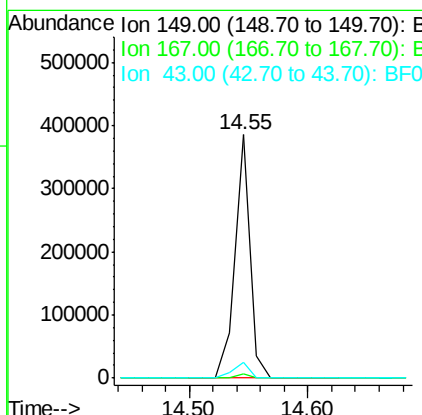
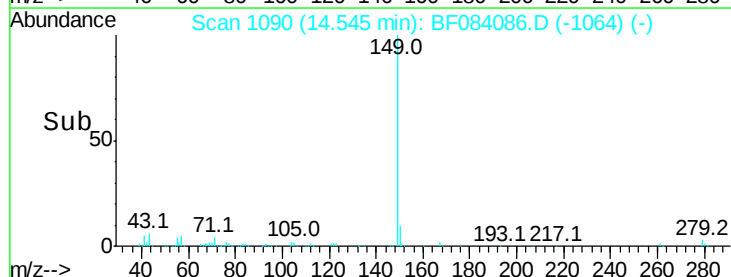
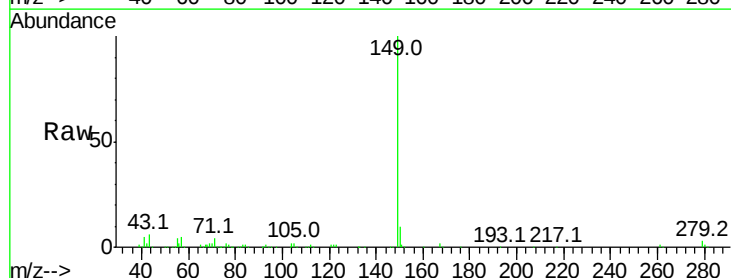
Tgt Ion:149 Resp: 340160

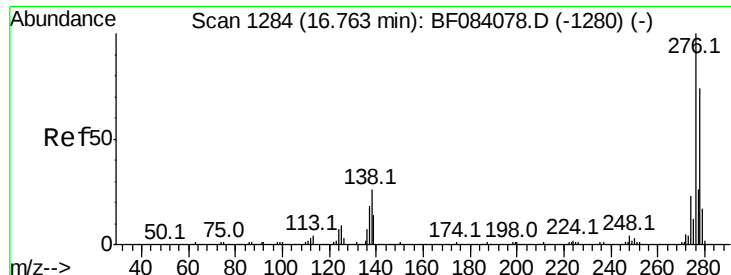
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.0 5.6 8.4





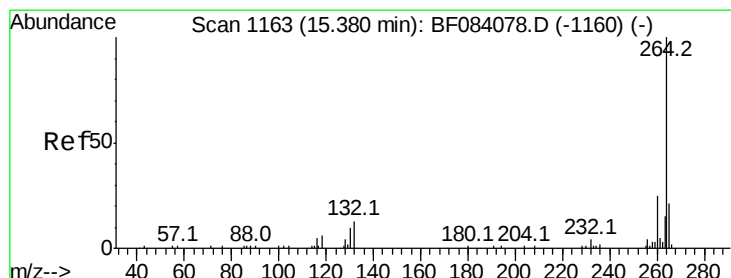
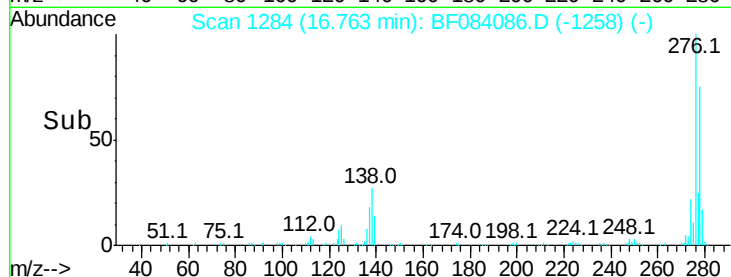
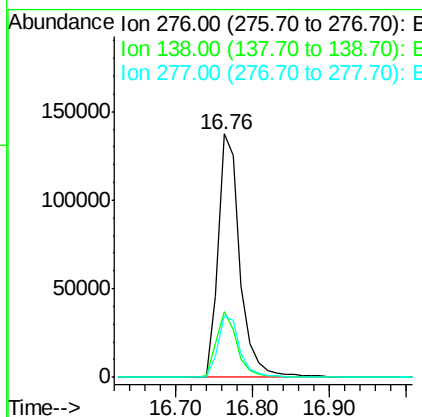
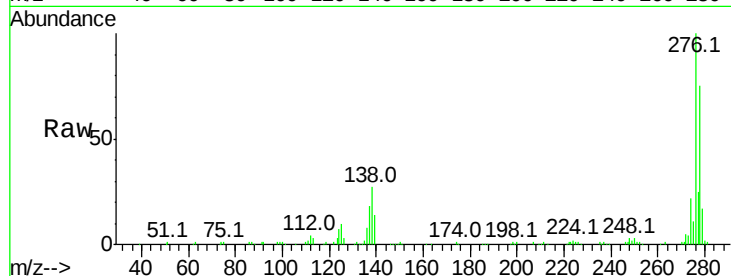
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.87 ng  
 RT: 16.76 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 274891 |       |       |
| 138     | 25.5  |        | 20.6  | 30.8  |
| 277     | 25.3  |        | 20.1  | 30.1  |

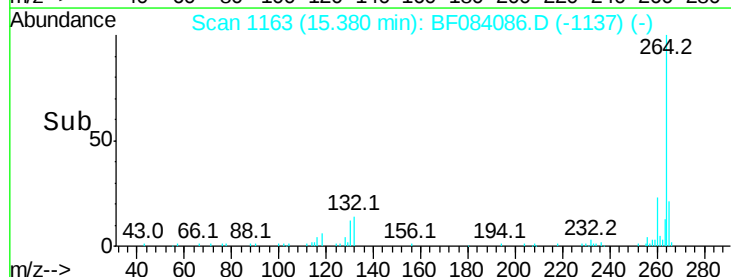
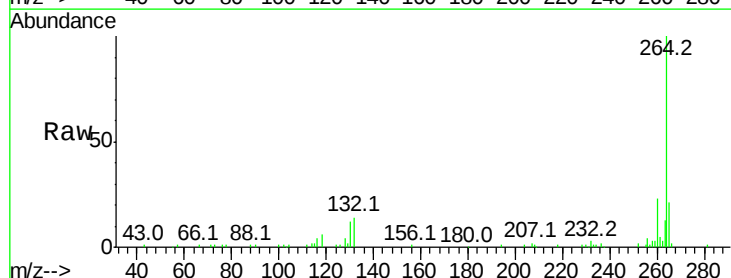
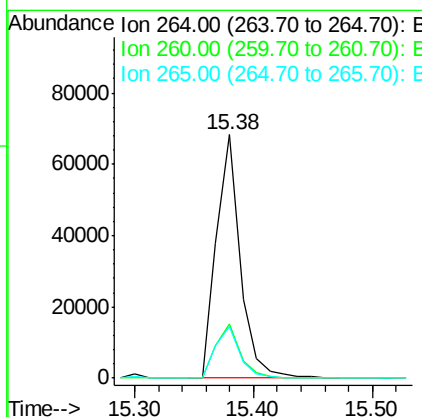
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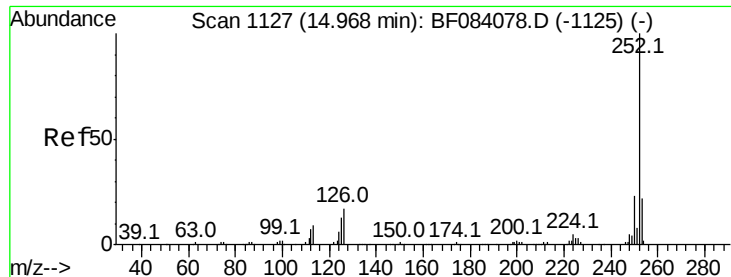
Sohil  
 12/28/2015 1:09:44 PM



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.38 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 264     | 100   | 94493 |       |       |
| 260     | 22.5  |       | 19.4  | 29.2  |
| 265     | 21.1  |       | 17.8  | 26.6  |





#87

Benzo(b)fluoranthene

Concen: 41.17 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA\_F

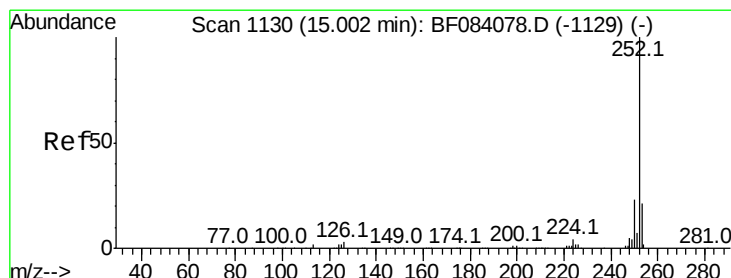
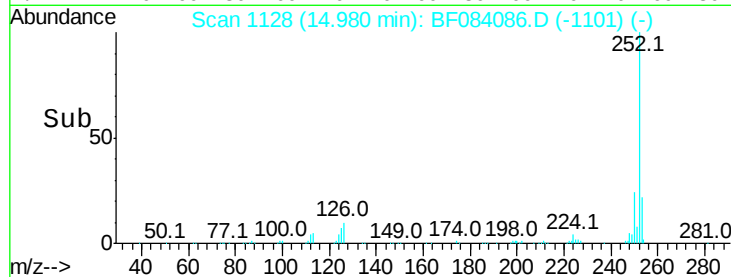
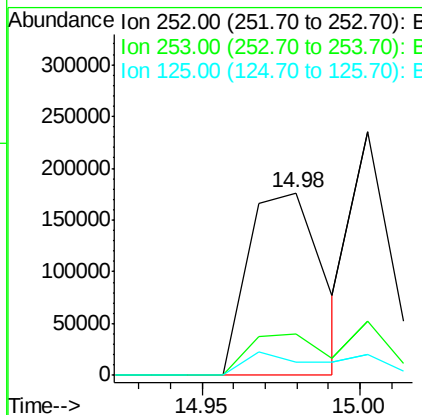
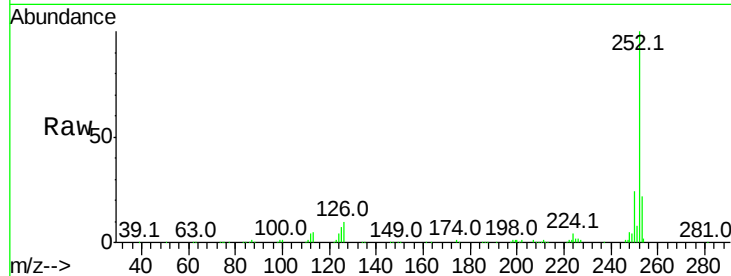
ClientSampleId :

PB87523BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 288888 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 17.3  | 25.9   |
| 125       | 7.3   | 6.5   | 9.7    |

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#88

Benzo(k)fluoranthene

Concen: 44.39 ng m

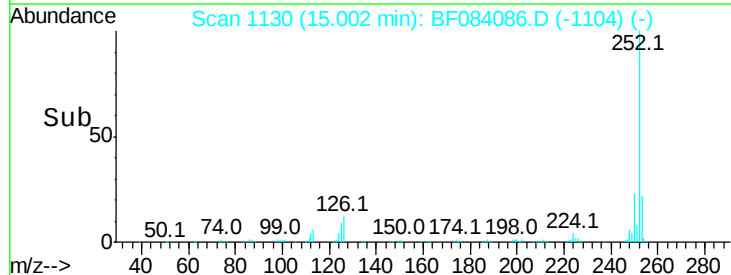
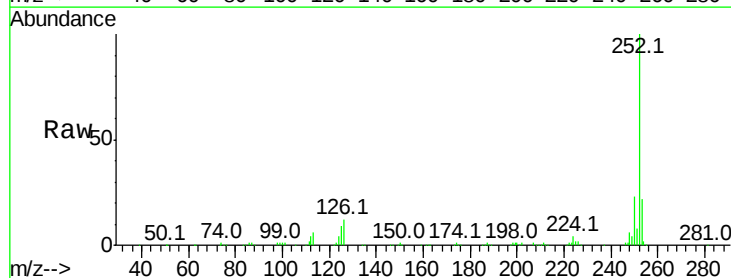
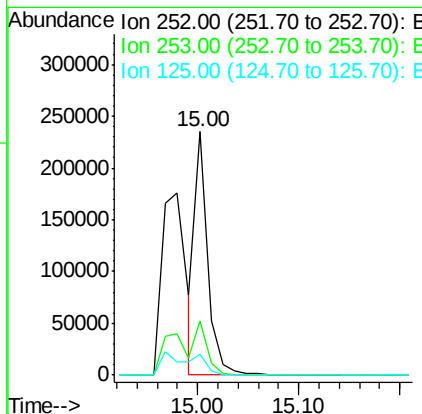
RT: 15.00 min Scan# 1130

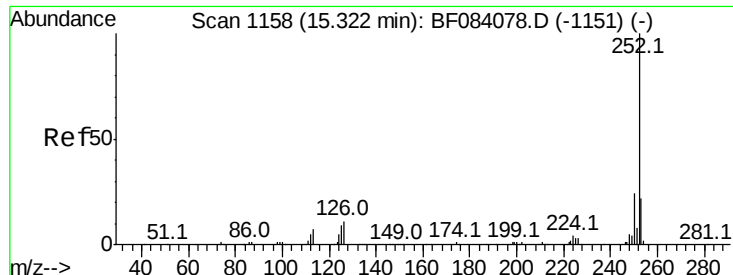
Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 211085 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 18.1  | 27.1   |
| 125       | 8.8   | 9.0   | 13.6#  |





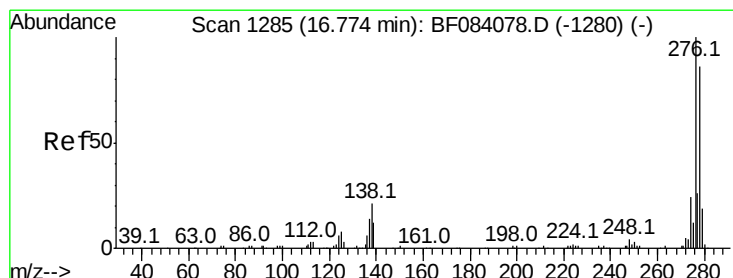
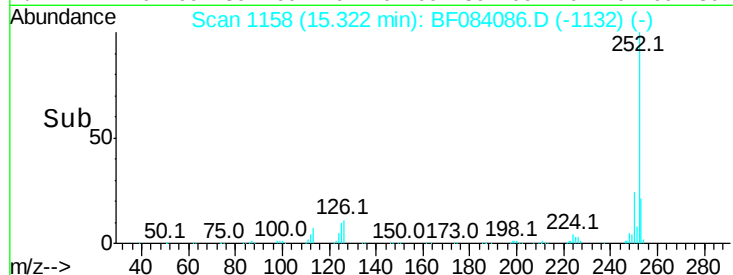
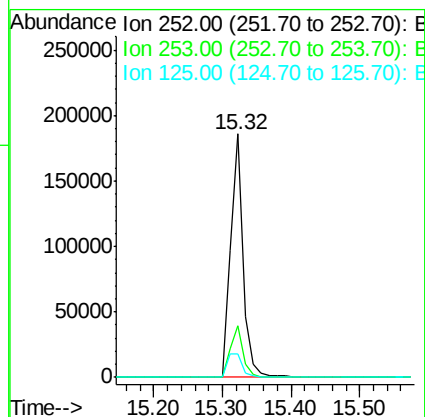
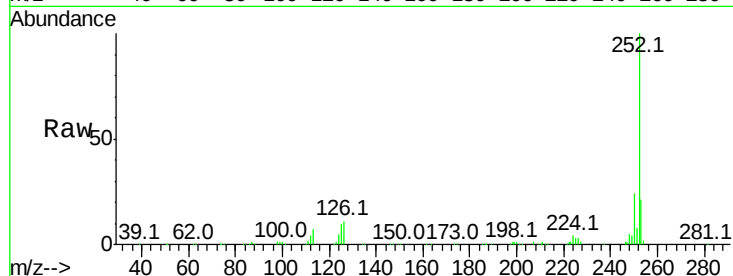
#89  
Benzo(a)pyrene  
Concen: 41.43 ng  
RT: 15.32 min Scan# 1158  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB87523BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 21.2  | 17.3       | 25.9  |
| 125     | 9.7   | 7.0        | 10.4  |

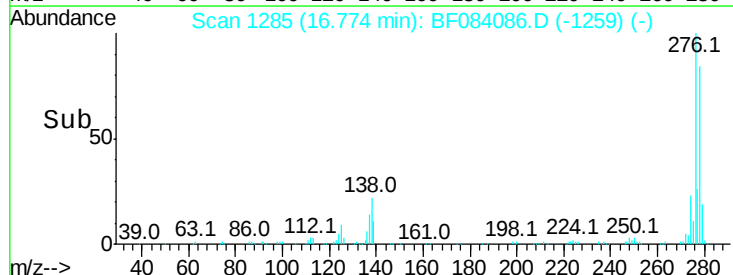
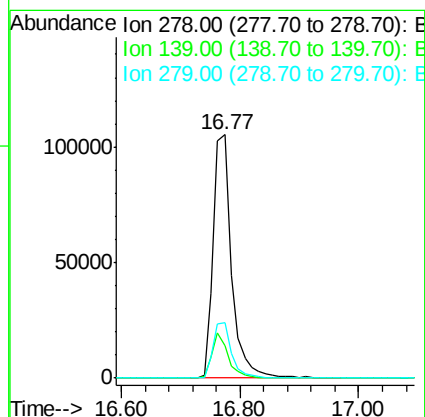
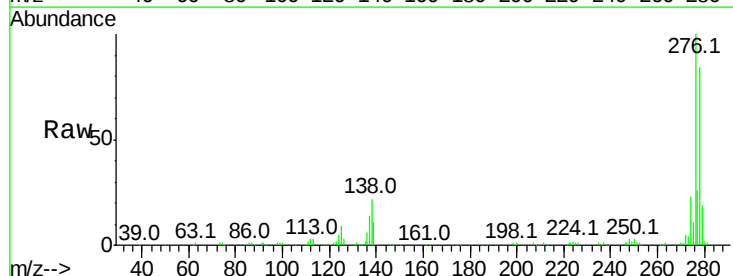
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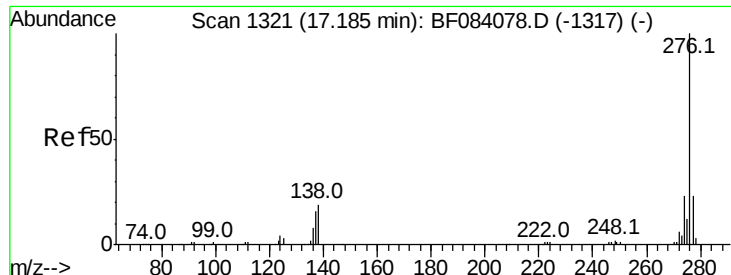
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12/28/2015 1:09:44 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 40.24 ng  
RT: 16.77 min Scan# 1285  
Delta R.T. 0.00 min  
Lab File: BF084086.D  
Acq: 24 Dec 2015 18:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 278     | 100   |            |       |
| 139     | 13.5  | 15.0       | 22.4# |
| 279     | 22.5  | 18.9       | 28.3  |





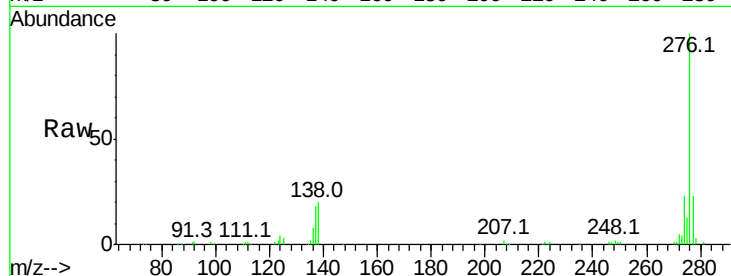
#91  
 Benzo(a,h,i)perylene  
 Concen: 40.08 ng  
 RT: 17.19 min Scan# 1321  
 Delta R.T. 0.00 min  
 Lab File: BF084086.D  
 Acq: 24 Dec 2015 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87523BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.1  | 18.8  | 28.2  |
| 138     | 19.9  | 17.8  | 26.6  |

Manual Integrations  
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Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 277.00 (276.70 to 277.70): E  
 Ion 138.00 (137.70 to 138.70): E

