

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\  
 Data File : BF086180.D  
 Acq On : 8 Apr 2016 20:52  
 Operator : UM/SJ  
 Sample : H2282-12MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

Manual Integrations  
 APPROVED

Sohil  
 4/11/2016 5:45:18 PM

Quant Time: Apr 09 00:23:03 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 01 23:17:06 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 113067   | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 8.01  | 136  | 449288   | 20.00 | ng    | -0.06    |
| 38) Acenaphthene-d10      | 9.77  | 164  | 221257   | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 11.24 | 188  | 391877   | 20.00 | ng    | -0.06    |
| 75) Chrysene-d12          | 13.88 | 240  | 297319   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 15.28 | 264  | 228067   | 20.00 | ng    | -0.06    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.33  | 112 | 832516  | 125.86 | ng | -0.03 |
| 7) Phenol-d6                | 6.38  | 99  | 1005312 | 119.65 | ng | -0.03 |
| 23) Nitrobenzene-d5         | 7.30  | 82  | 616680  | 80.94  | ng | -0.05 |
| 41) 2,4,6-Tribromophenol    | 10.56 | 330 | 235577  | 113.44 | ng | -0.05 |
| 44) 2-Fluorobiphenyl        | 9.09  | 172 | 1136054 | 85.37  | ng | -0.05 |
| 78) Terphenyl-d14           | 12.83 | 244 | 1039993 | 82.22  | ng | -0.05 |

|                                |      |     |        |       |    |        |
|--------------------------------|------|-----|--------|-------|----|--------|
| Target Compounds               |      |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.30 | 88  | 104961 | 33.47 | ng | 99     |
| 3) Pyridine                    | 2.99 | 79  | 292503 | 41.66 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 2.94 | 42  | 135636 | 43.93 | ng | 96     |
| 6) Aniline                     | 6.40 | 93  | 279989 | 25.40 | ng | # 2    |
| 8) 2-Chlorophenol              | 6.51 | 128 | 325853 | 41.31 | ng | 88     |
| 9) Benzaldehyde                | 6.28 | 77  | 110305 | 24.40 | ng | 93     |
| 10) Phenol                     | 6.40 | 94  | 441654 | 46.08 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.48 | 93  | 336383 | 44.32 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.67 | 146 | 335713 | 40.15 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146 | 344646 | 40.01 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 321254 | 40.52 | ng | 99     |
| 15) Benzyl Alcohol             | 6.89 | 79  | 249922 | 45.98 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.01 | 45  | 354602 | 38.25 | ng | 72     |
| 17) 2-Methylphenol             | 7.00 | 107 | 269473 | 43.33 | ng | 95     |
| 18) Hexachloroethane           | 7.23 | 117 | 124714 | 39.36 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 207872 | 39.92 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.16 | 107 | 350875 | 46.38 | ng | # 63   |
| 22) Acetophenone               | 7.15 | 105 | 458455 | 43.41 | ng | # 90   |
| 24) Nitrobenzene               | 7.32 | 77  | 373585 | 44.82 | ng | 91     |
| 25) Isophorone                 | 7.56 | 82  | 654531 | 43.52 | ng | 95     |
| 26) 2-Nitrophenol              | 7.64 | 139 | 181482 | 45.51 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.69 | 122 | 318160 | 44.42 | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93  | 382015 | 43.29 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.88 | 162 | 278244 | 45.95 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.96 | 180 | 290349 | 42.72 | ng | 95     |
| 31) Naphthalene                | 8.03 | 128 | 926153 | 40.98 | ng | 100    |
| 32) Benzoic acid               | 7.81 | 122 | 84513  | 16.08 | ng | 99     |
| 33) 4-Chloroaniline            | 8.10 | 127 | 155998 | 17.09 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.16 | 225 | 145208 | 39.74 | ng | 98     |
| 35) Caprolactam                | 8.48 | 113 | 89533m | 46.61 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.59 | 107 | 286204 | 42.05 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.73 | 142 | 630938 | 42.74 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 269330 | 40.50 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 8.88 | 237 | 161624 | 70.60 | ng | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 01 23:17:06 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.01  | 196  | 180326   | 42.23 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.06  | 196  | 185212   | 42.72 | nq    | # 87     |
| 45) 1,1'-Biphenyl              | 9.20  | 154  | 746691   | 39.14 | nq    | 94       |
| 46) 2-Chloronaphthalene        | 9.22  | 162  | 587243   | 42.46 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.32  | 65   | 181209   | 44.78 | nq    | 99       |
| 48) Acenaphthylene             | 9.63  | 152  | 907322   | 40.96 | nq    | 99       |
| 49) Dimethylphthalate          | 9.50  | 163  | 859252   | 52.40 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.56  | 165  | 134701   | 38.82 | nq    | 93       |
| 51) Acenaphthene               | 9.80  | 154  | 549858   | 41.73 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.73  | 138  | 102535   | 24.52 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 9.86  | 184  | 80159    | 44.49 | nq    | # 71     |
| 54) Dibenzofuran               | 9.97  | 168  | 751317   | 43.18 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.92  | 139  | 174799   | 70.91 | nq    | 88       |
| 56) 2,4-Dinitrotoluene         | 9.97  | 165  | 172016   | 39.23 | nq    | # 55     |
| 57) Fluorene                   | 10.32 | 166  | 621041   | 41.78 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.10 | 232  | 146977   | 45.53 | nq    | 97       |
| 59) Diethylphthalate           | 10.19 | 149  | 651903   | 39.39 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.30 | 204  | 277807   | 40.13 | nq    | 97       |
| 61) 4-Nitroaniline             | 10.35 | 138  | 147590   | 35.84 | nq    | 89       |
| 62) Azobenzene                 | 10.46 | 77   | 695349   | 43.86 | nq    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.38 | 198  | 96095    | 40.46 | nq    | 82       |
| 65) n-Nitrosodiphenylamine     | 10.43 | 169  | 543030   | 44.31 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.80 | 248  | 184154   | 46.03 | nq    | # 91     |
| 67) Hexachlorobenzene          | 10.86 | 284  | 192238   | 46.46 | nq    | 99       |
| 68) Atrazine                   | 10.96 | 200  | 158356   | 39.99 | nq    | 95       |
| 69) Pentachlorophenol          | 11.06 | 266  | 140955   | 72.69 | nq    | 99       |
| 70) Phenanthrene               | 11.28 | 178  | 943059   | 44.11 | nq    | 100      |
| 71) Anthracene                 | 11.32 | 178  | 860434   | 38.42 | nq    | 99       |
| 72) Carbazole                  | 11.48 | 167  | 732107   | 38.03 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.81 | 149  | 1039431  | 43.58 | nq    | 100      |
| 74) Fluoranthene               | 12.45 | 202  | 842379   | 37.88 | nq    | 98       |
| 76) Benzidine                  | 12.59 | 184  | 285200   | 27.19 | nq    | 97       |
| 77) Pyrene                     | 12.68 | 202  | 832171   | 39.72 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.30 | 149  | 407438   | 43.19 | nq    | # 72     |
| 80) Benzo(a)anthracene         | 13.87 | 228  | 707266   | 40.36 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.84 | 252  | 156506   | 12.23 | nq    | # 98     |
| 82) Chrysene                   | 13.91 | 228  | 640863   | 37.96 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 549070   | 43.85 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.48 | 149  | 966540   | 48.34 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.61 | 276  | 532026   | 38.84 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.89 | 252  | 602752m  | 42.01 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.91 | 252  | 544186m  | 42.83 | nq    |          |
| 89) Benzo(a)pyrene             | 15.22 | 252  | 544406   | 42.83 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 16.61 | 278  | 449213   | 43.92 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.01 | 276  | 444003   | 44.86 | nq    | # 93     |

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

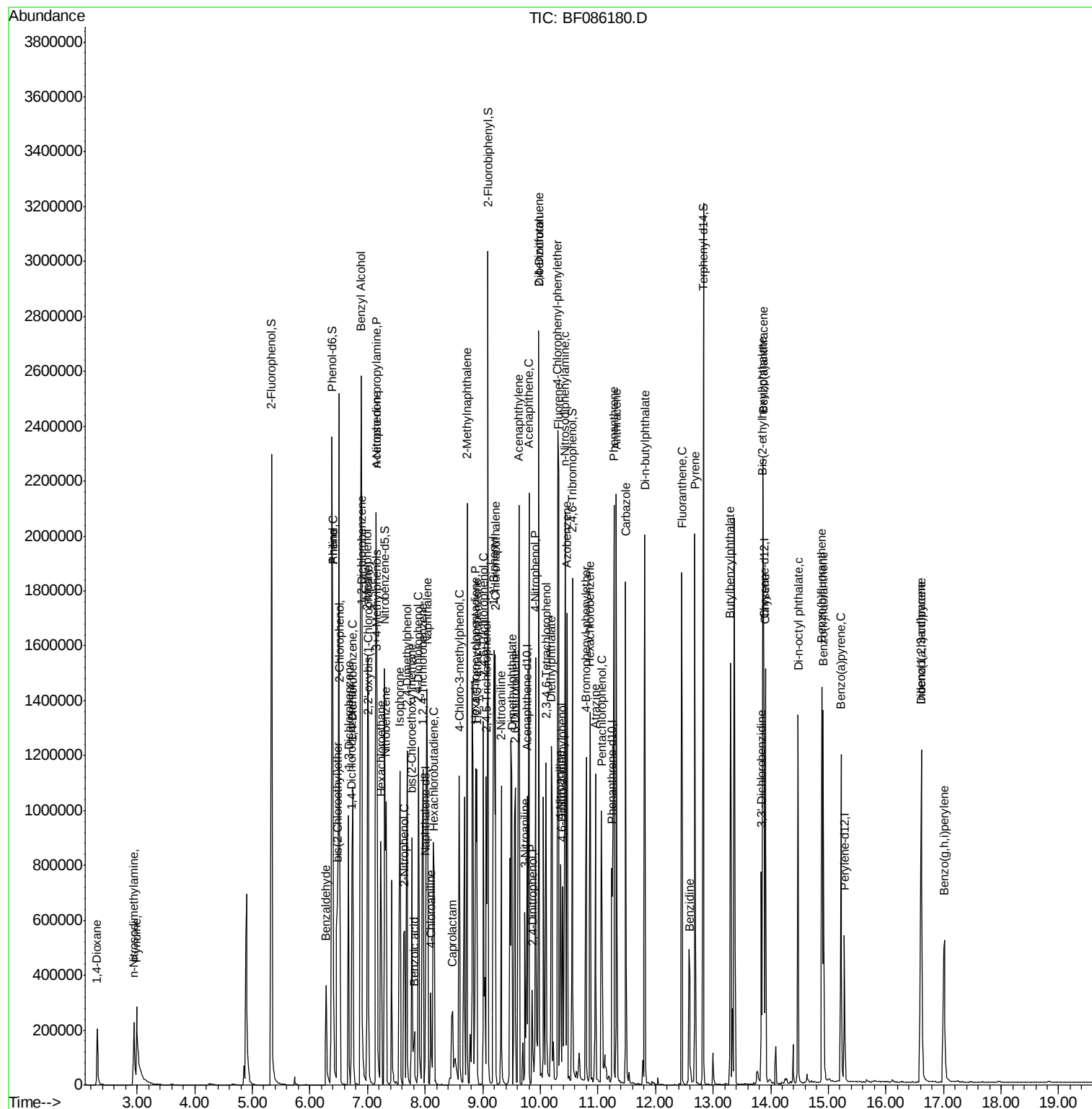
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\  
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Misc :  
ALS Vial : 21 Sample Multiplier: 1

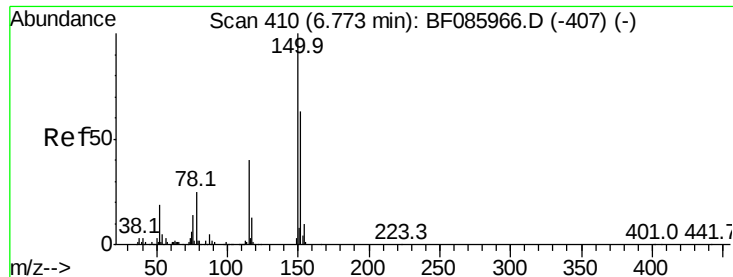
Instrument :  
BNA\_F  
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4/11/2016 5:45:18 PM

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

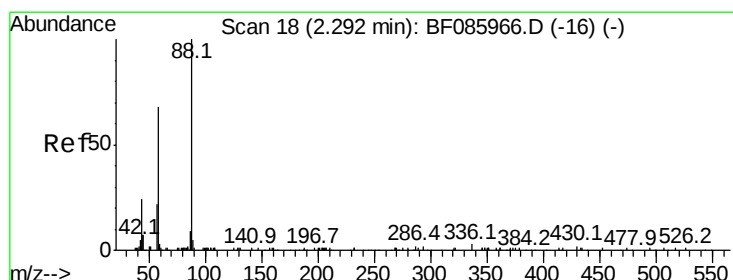
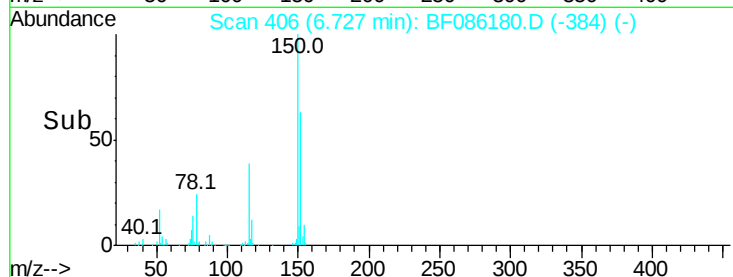
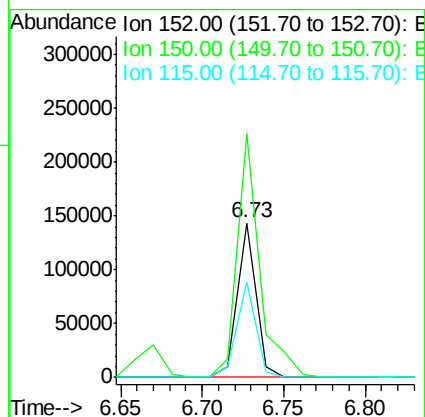
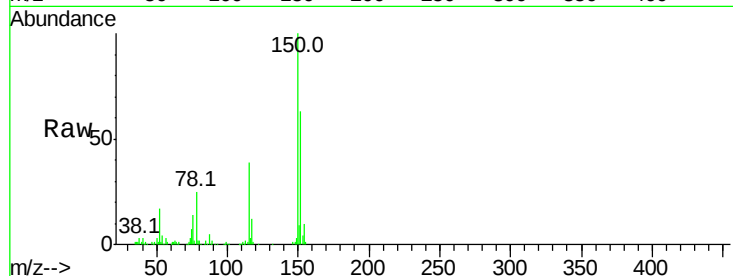
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 113067 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 157.7 | 124.2 | 186.2  |
| 115       | 61.6  | 47.0  | 70.6   |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 33.47 ng

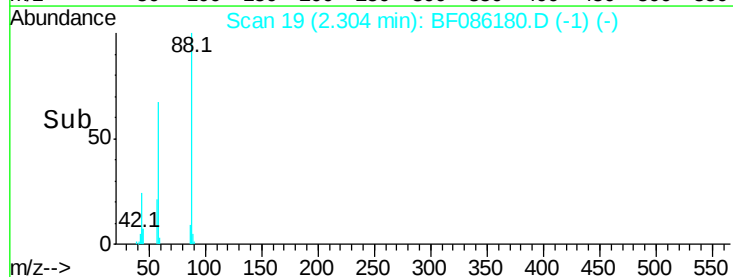
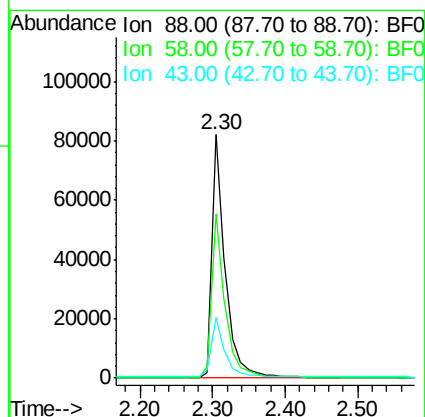
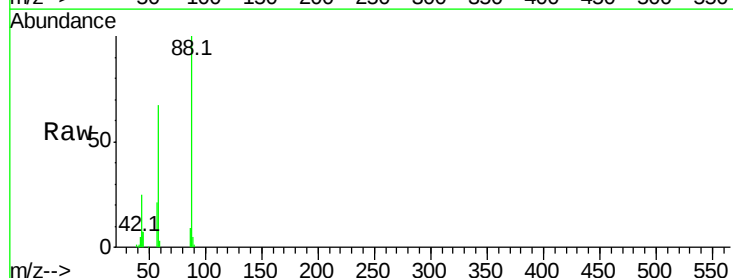
RT: 2.30 min Scan# 19

Delta R.T. 0.01 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 104961 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 68.3  | 54.2  | 81.2   |
| 43        | 25.0  | 19.3  | 28.9   |





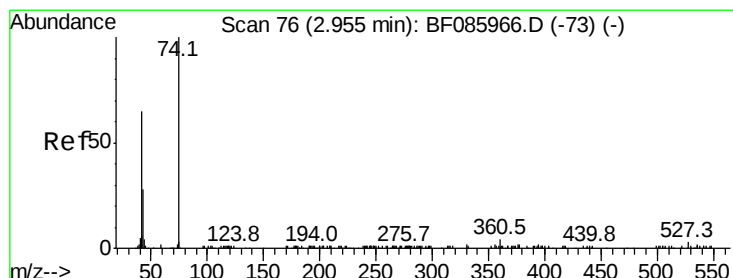
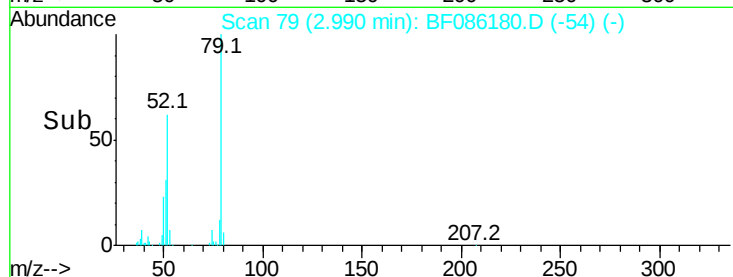
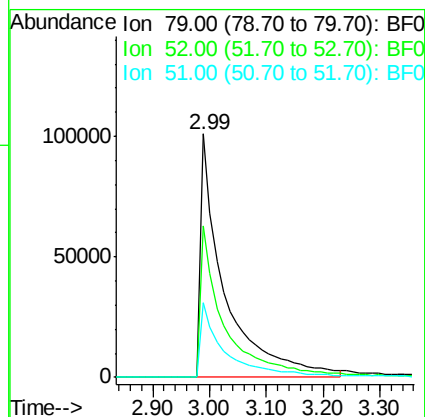
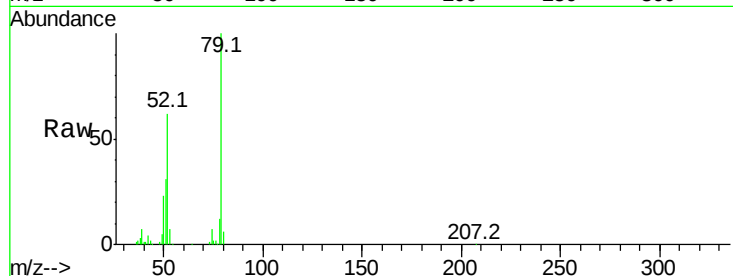
#3  
Pvridine  
Concen: 41.66 ng  
RT: 2.99 min Scan# 79  
Delta R.T. -0.01 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 62.0  | 49.8  | 74.6  |
| 51      | 30.5  | 24.7  | 37.1  |

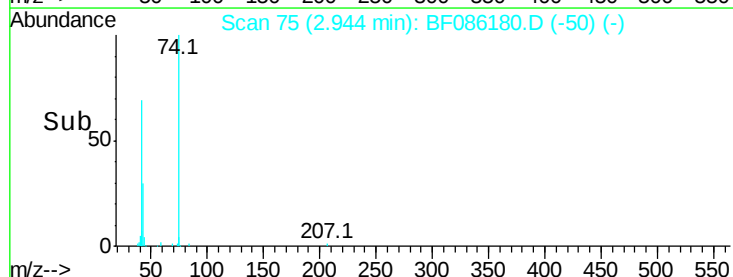
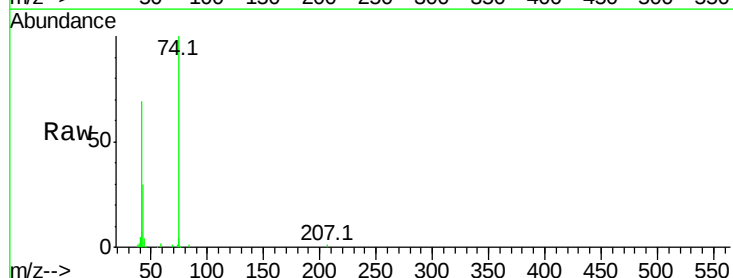
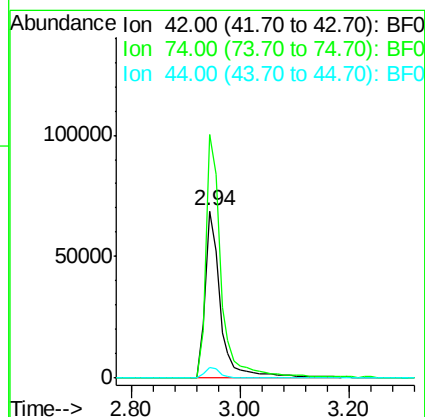
Manual Integrations  
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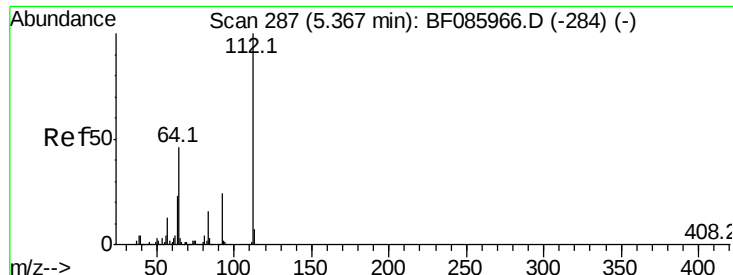
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#4  
n-Nitrosodimethylamine  
Concen: 43.93 ng  
RT: 2.94 min Scan# 75  
Delta R.T. -0.01 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 145.9 | 121.4 | 182.2 |
| 44      | 6.5   | 5.6   | 8.4   |





#5

2-Fluorophenol

Concen: 125.86 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

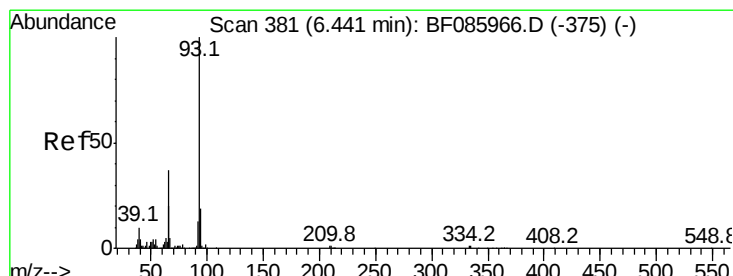
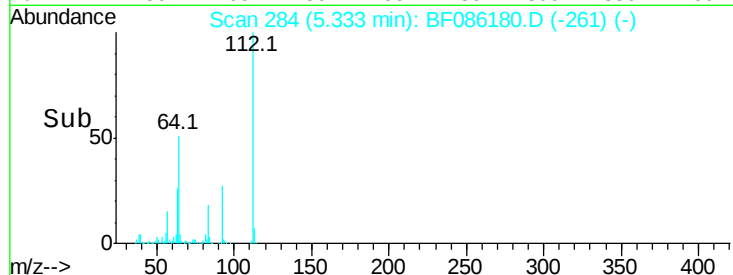
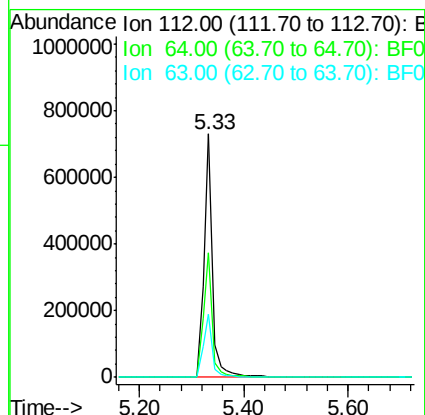
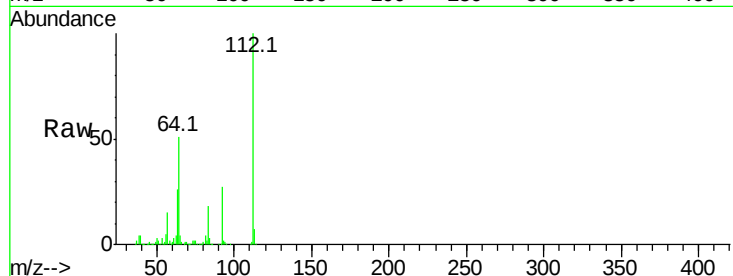
ClientSampleId :

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Manual Integrations  
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| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 832516 |       |       |
| 64      | 51.0  | 39.9   | 59.9  |       |
| 63      | 26.0  | 20.2   | 30.2  |       |



#6

Aniline

Concen: 25.40 ng

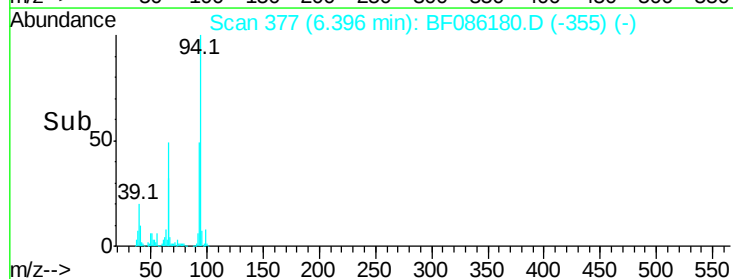
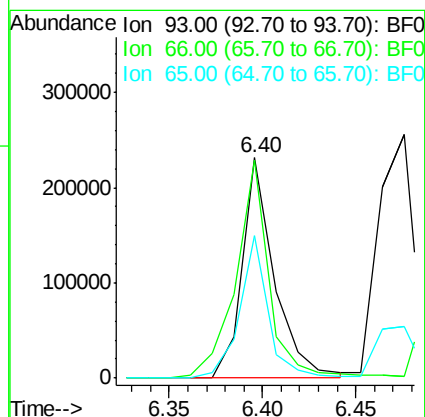
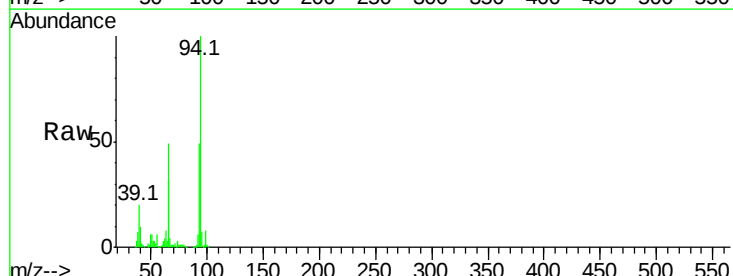
RT: 6.40 min Scan# 377

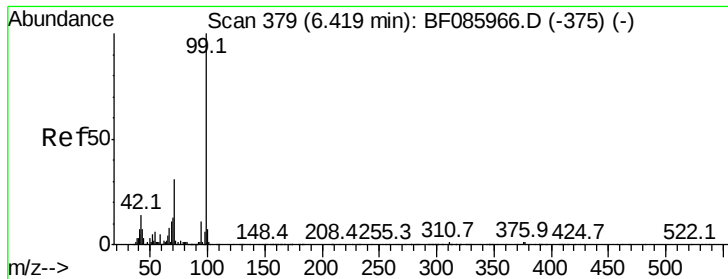
Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 279989 |       |       |
| 66      | 99.4  | 31.4   | 47.2# |       |
| 65      | 64.7  | 15.7   | 23.5# |       |





#7

Phenol-d6

Concen: 119.65 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

Tot Ion: 99 Resp: 1005312

Ion Ratio Lower Upper

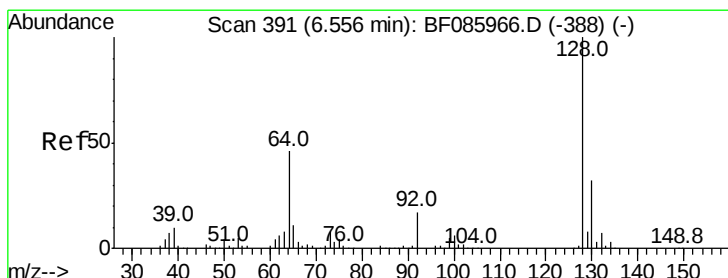
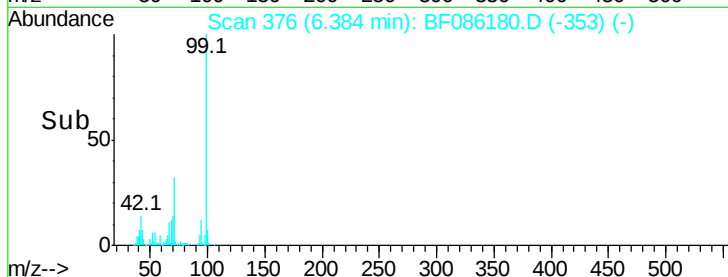
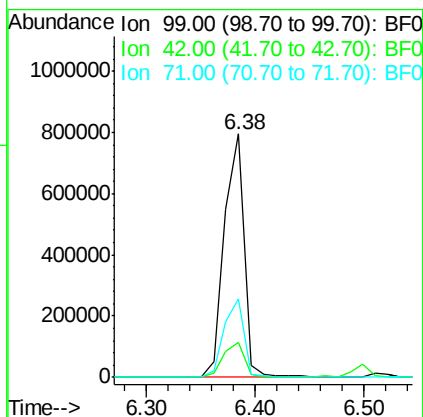
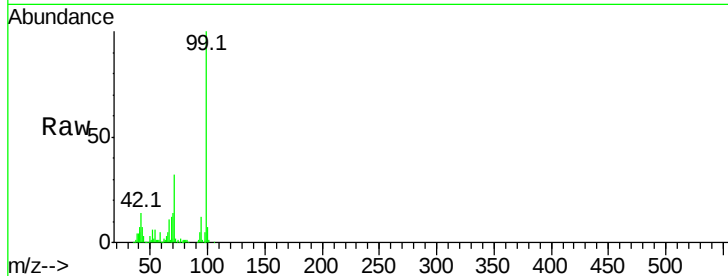
99 100

42 14.3 11.1 16.7

71 32.3 24.9 37.3

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.31 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

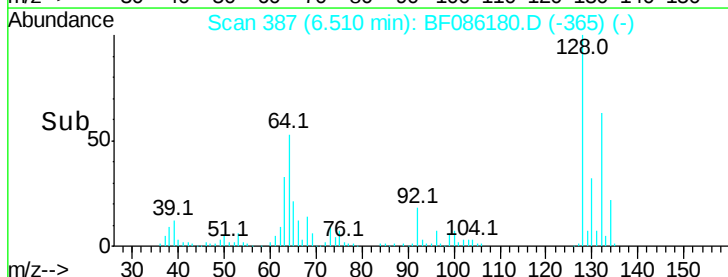
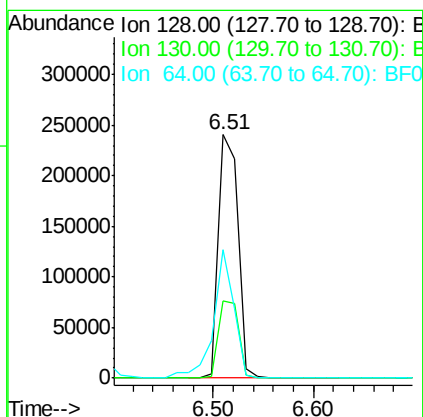
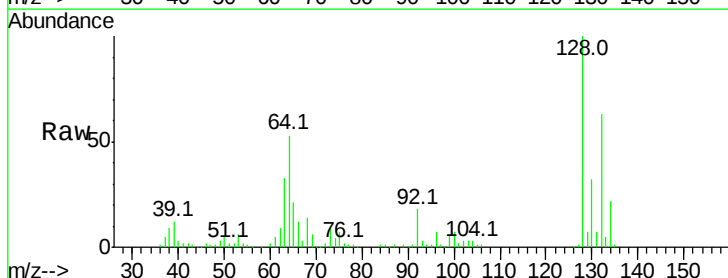
Tgt Ion: 128 Resp: 325853

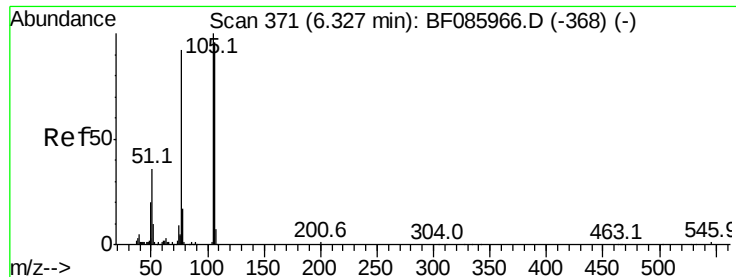
Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

64 52.7 20.2 60.2





#9

Benzaldehyde

Concen: 24.40 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

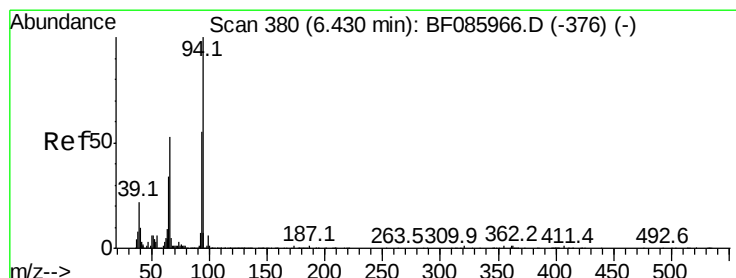
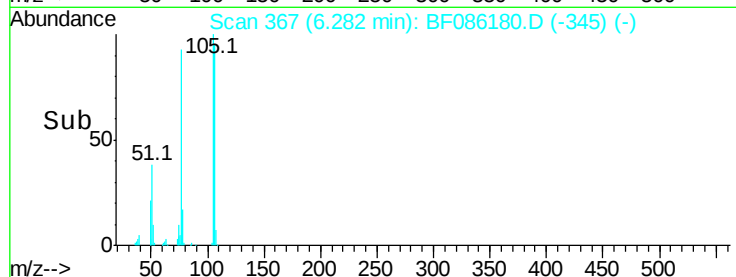
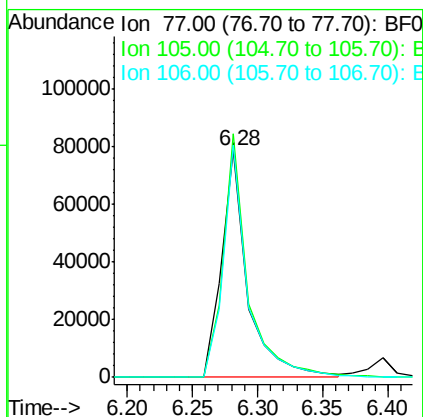
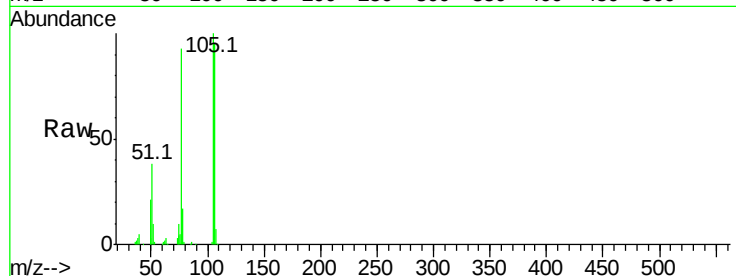
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 107.4 | 80.1  | 120.1 |
| 106     | 102.5 | 75.0  | 115.0 |



#10

Phenol

Concen: 46.08 ng

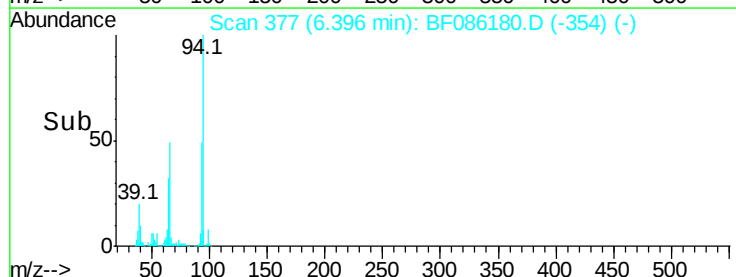
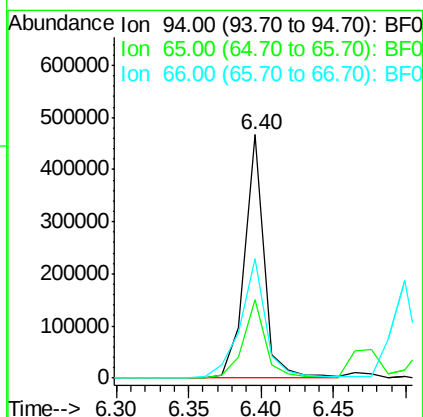
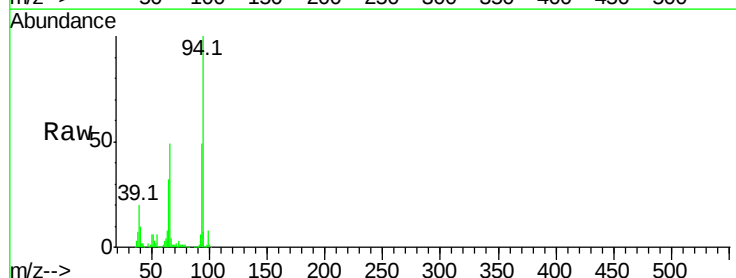
RT: 6.40 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 32.0  | 8.6   | 48.6  |
| 66      | 49.1  | 20.0  | 60.0  |





#11

bis(2-Chloroethyl)ether

Concen: 44.32 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

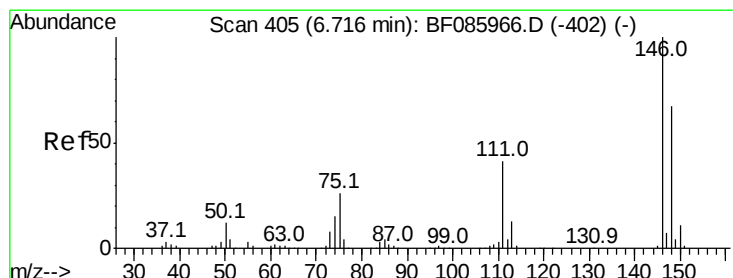
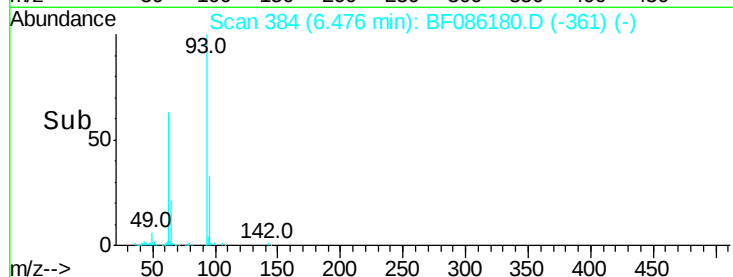
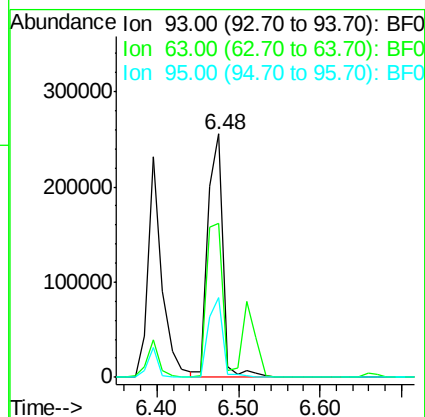
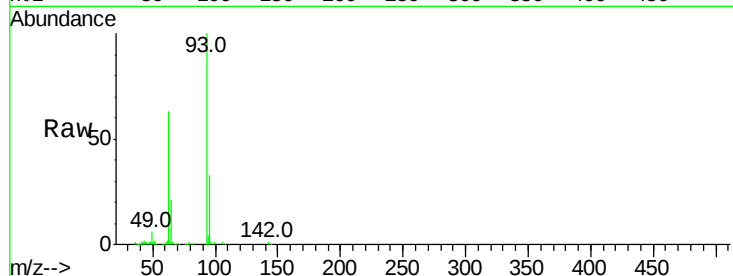
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 336383 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 63.2  | 50.9  | 90.9   |
| 95        | 32.7  | 13.3  | 53.3   |

Manual Integrations  
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#12

1,3-Dichlorobenzene

Concen: 40.15 ng

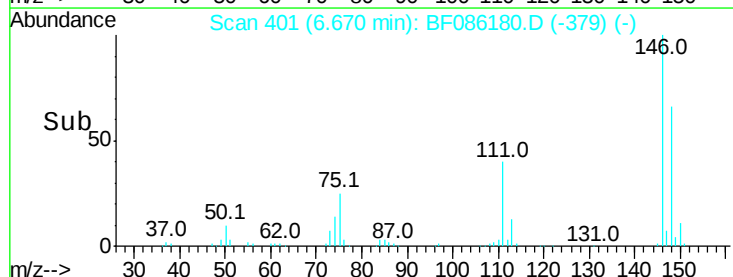
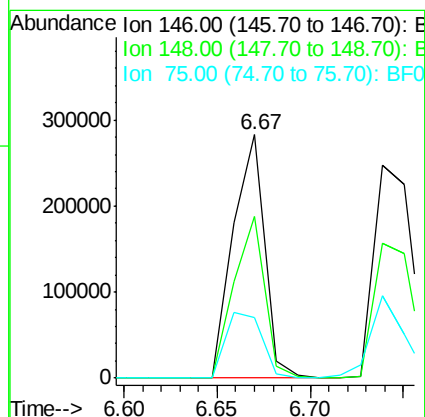
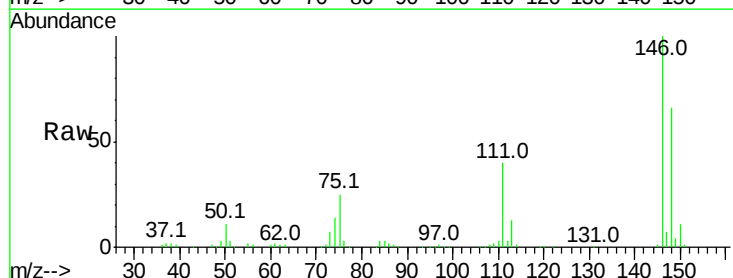
RT: 6.67 min Scan# 401

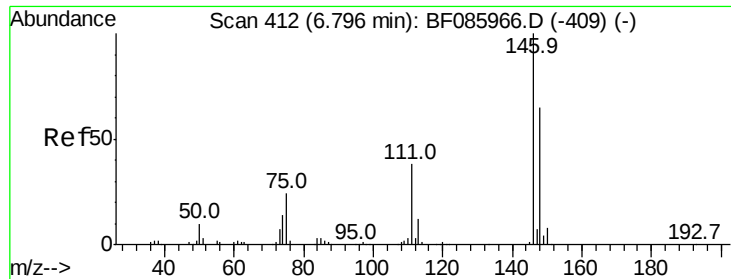
Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 335713 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.4  | 52.3  | 78.5   |
| 75        | 24.7  | 17.4  | 26.2   |





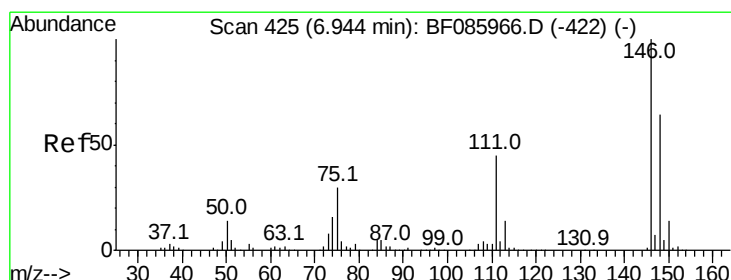
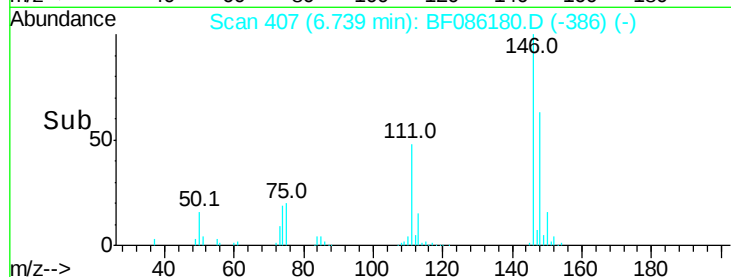
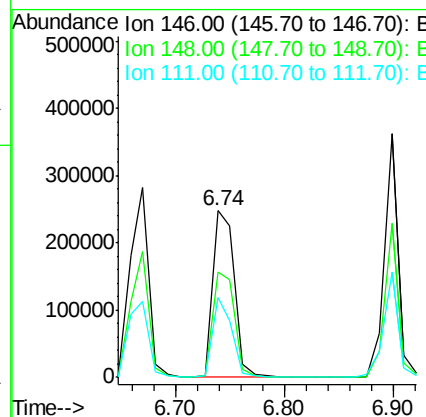
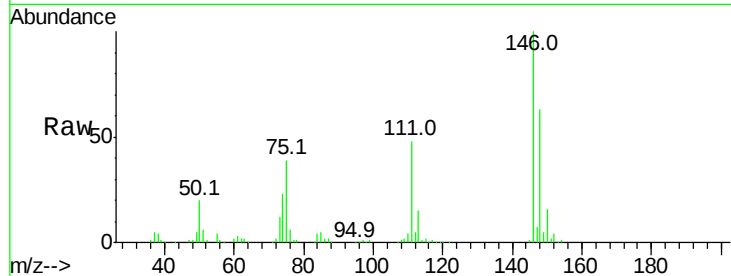
#13  
 1,4-Dichlorobenzene  
 Concen: 40.01 ng  
 RT: 6.74 min Scan# 407  
 Delta R.T. -0.06 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 50.6  | 76.0  |
| 111     | 47.8  | 37.8  | 56.6  |

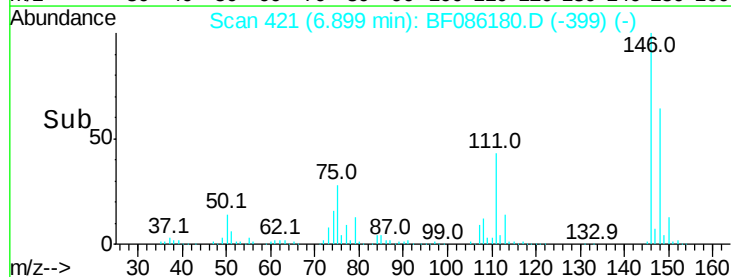
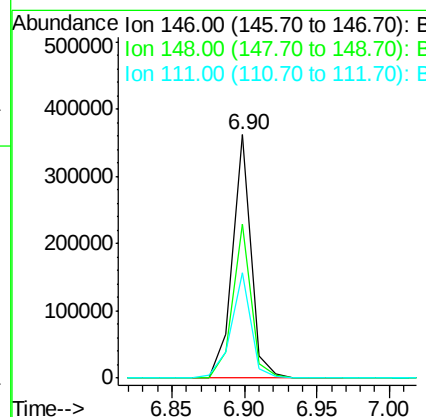
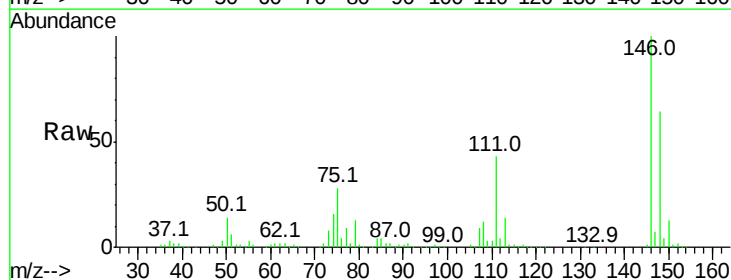
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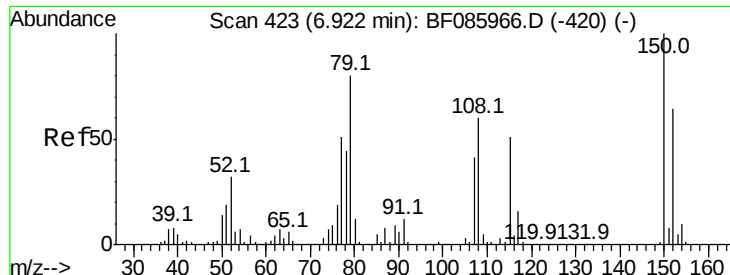
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#14  
 1,2-Dichlorobenzene  
 Concen: 40.52 ng  
 RT: 6.90 min Scan# 421  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 51.4  | 77.2  |
| 111     | 43.2  | 34.6  | 52.0  |





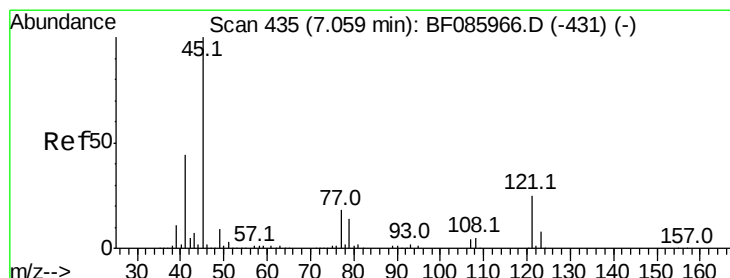
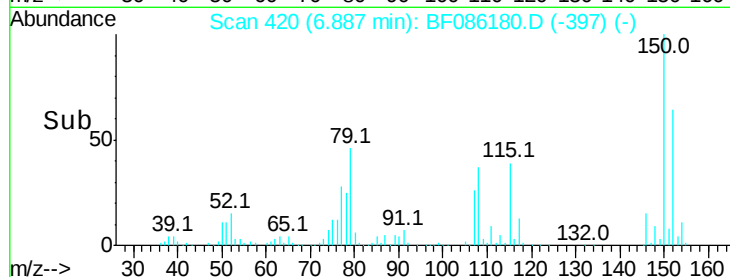
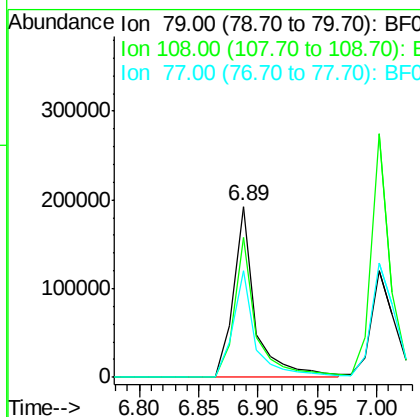
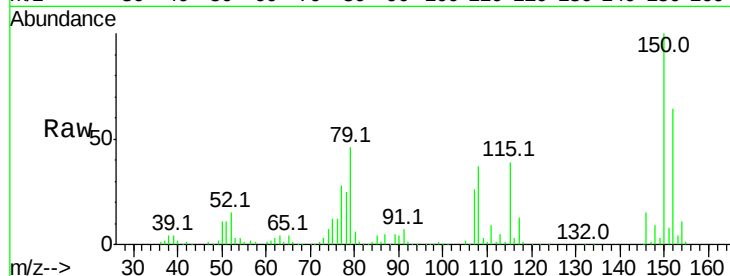
#15  
Benzyl Alcohol  
Concen: 45.98 ng  
RT: 6.89 min Scan# 420  
Delta R.T. -0.03 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 249922 |       |       |
| 108     | 82.1  | 61.8   | 92.6  |       |
| 77      | 62.0  | 49.6   | 74.4  |       |

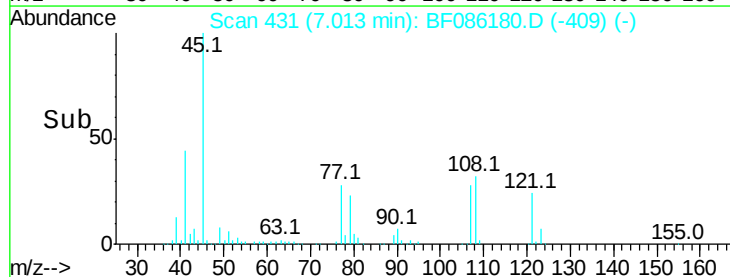
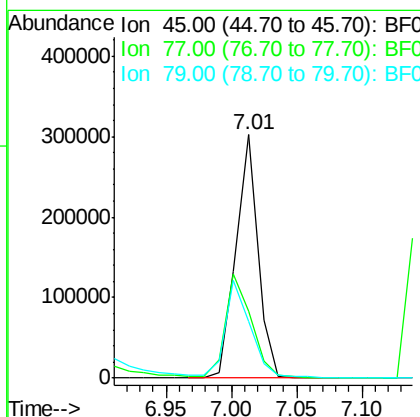
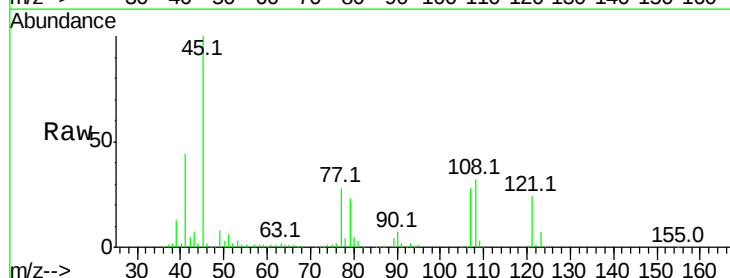
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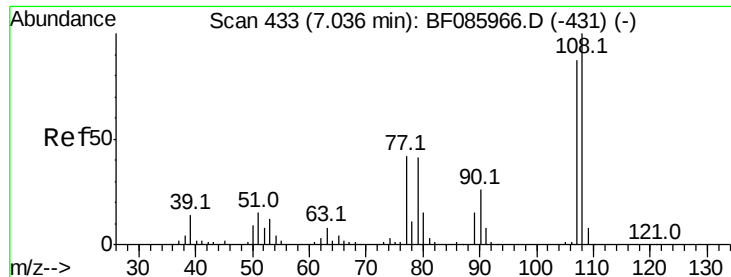
Sohil  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.25 ng  
RT: 7.01 min Scan# 431  
Delta R.T. -0.05 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 354602 |       |       |
| 77      | 27.6  | 0.0    | 35.7  |       |
| 79      | 23.4  | 0.0    | 32.2  |       |





#17

2-Methylphenol

Concen: 43.33 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

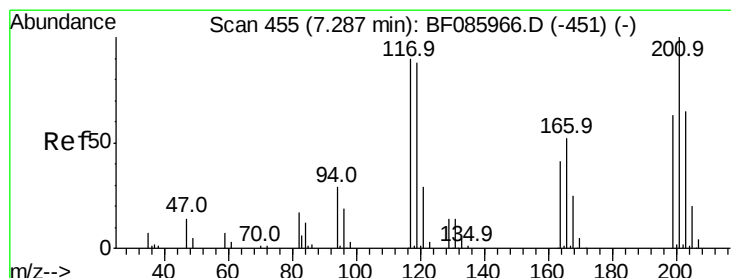
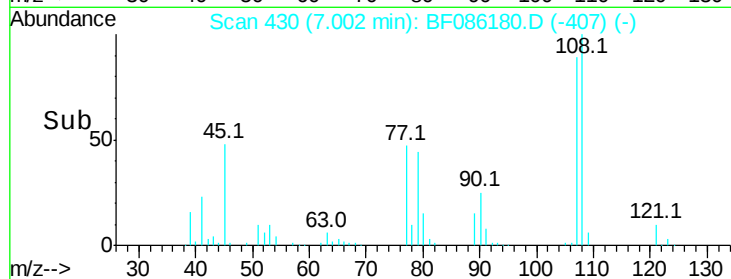
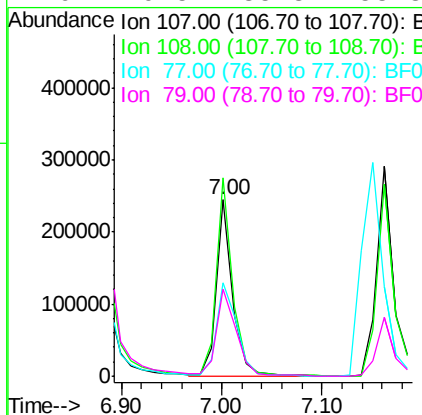
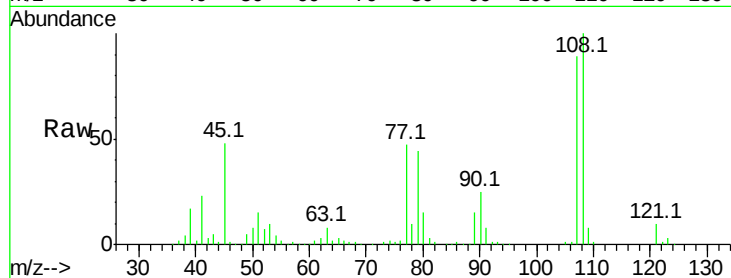
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion   | 107   | Resp  | 269473 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.4 | 91.4  | 137.0  |
| 77        | 53.1  | 36.2  | 54.2   |
| 79        | 49.5  | 35.8  | 53.8   |

Manual Integrations  
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#18

Hexachloroethane

Concen: 39.36 ng

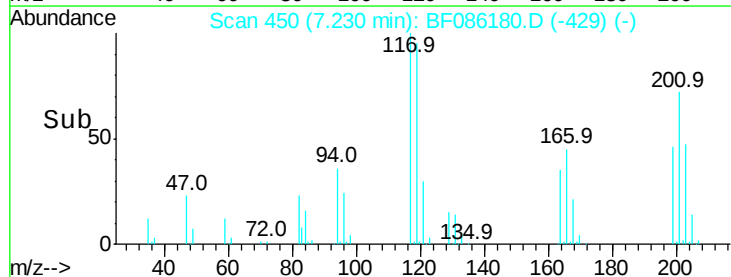
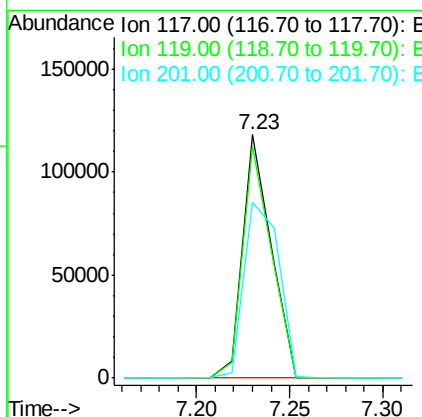
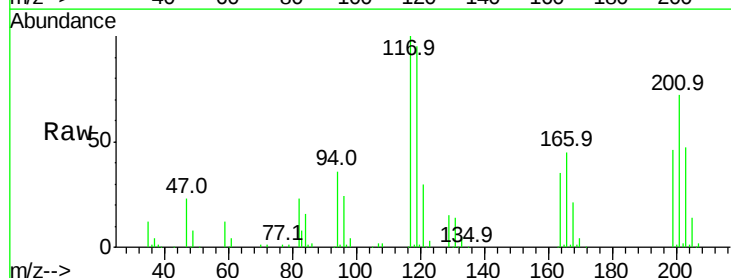
RT: 7.23 min Scan# 450

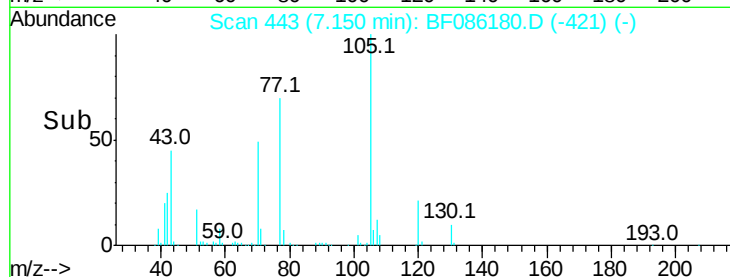
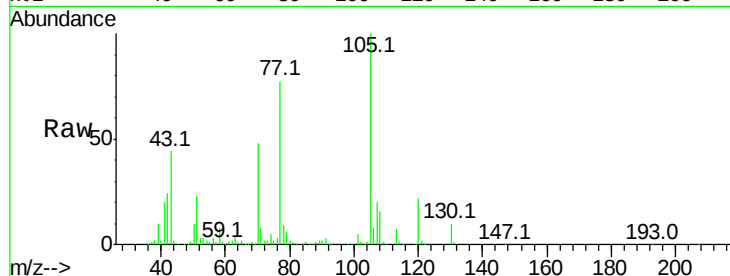
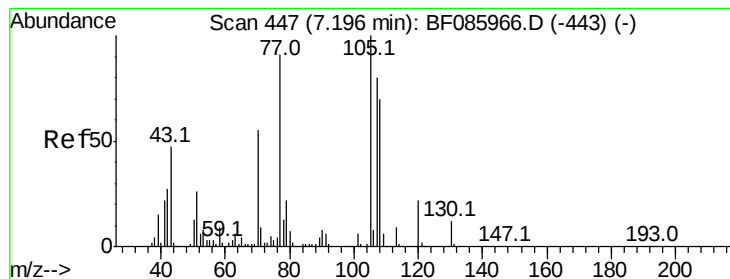
Delta R.T. -0.06 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

| Tgt Ion   | 117   | Resp  | 124714 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.4  | 76.7  | 115.1  |
| 201       | 72.0  | 83.3  | 124.9# |





#19

n-Nitroso-di-n-propylamine

Concen: 39.92 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

Tot Ion: 70 Resp: 207872

Ion Ratio Lower Upper

70 100

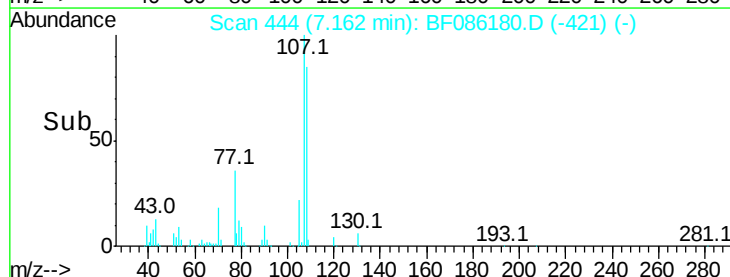
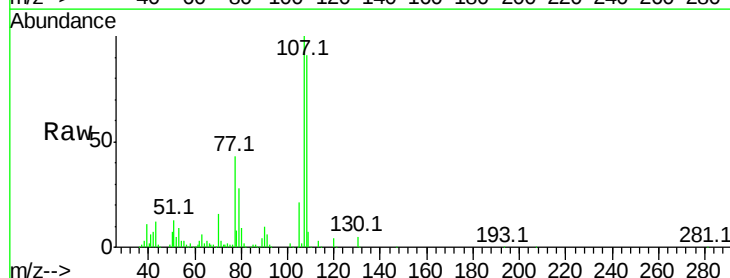
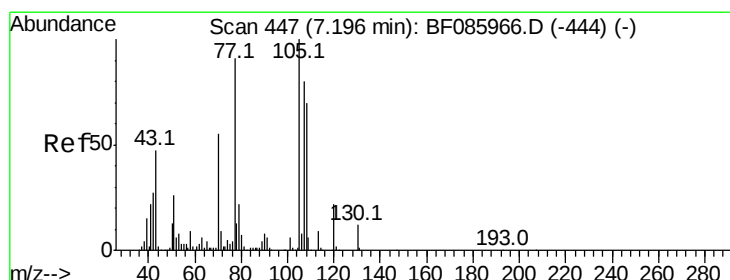
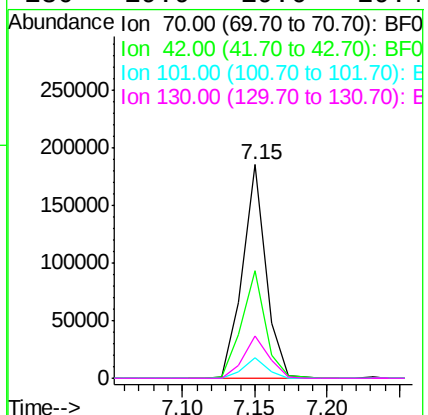
42 50.3 37.1 55.7

101 9.5 8.6 12.8

130 19.9 19.6 29.4

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#20

3+4-Methylphenols

Concen: 46.38 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Tgt Ion:107 Resp: 350875

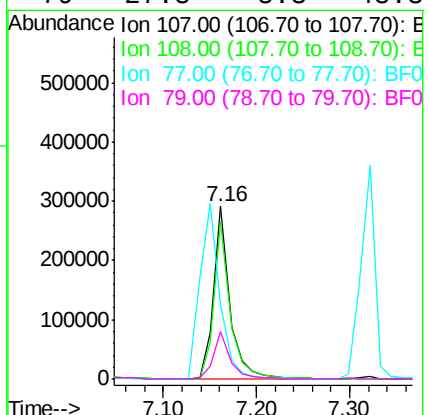
Ion Ratio Lower Upper

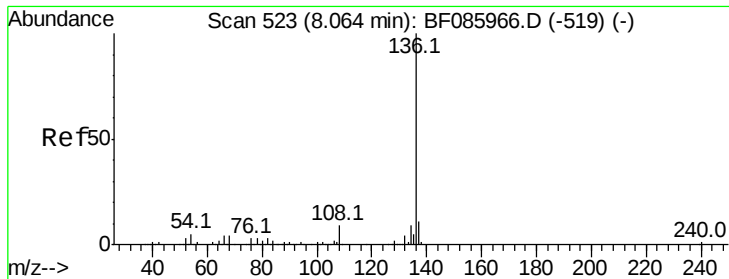
107 100

108 91.3 69.3 109.3

77 42.7 101.7 141.7#

79 27.8 8.3 48.3





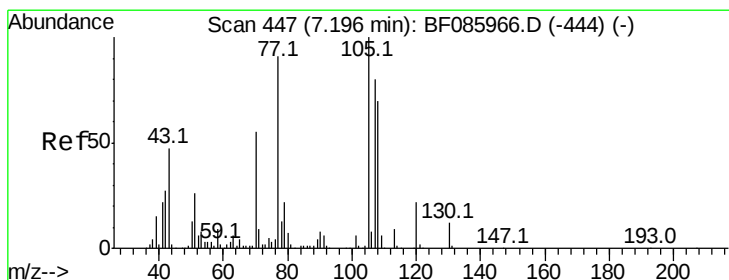
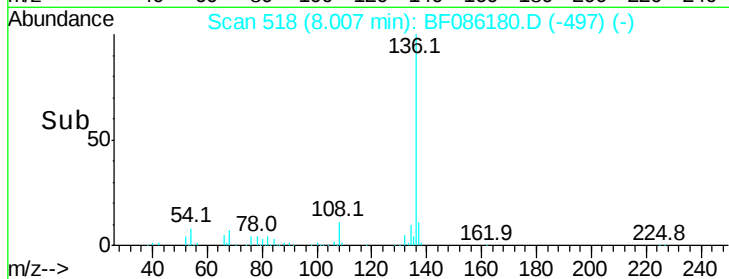
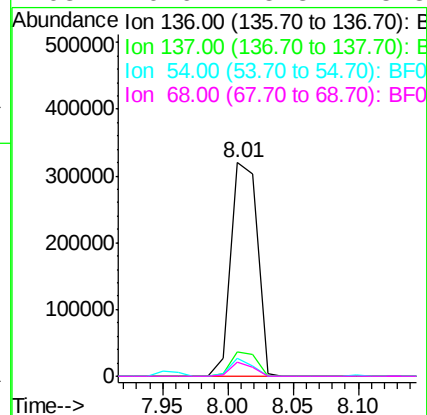
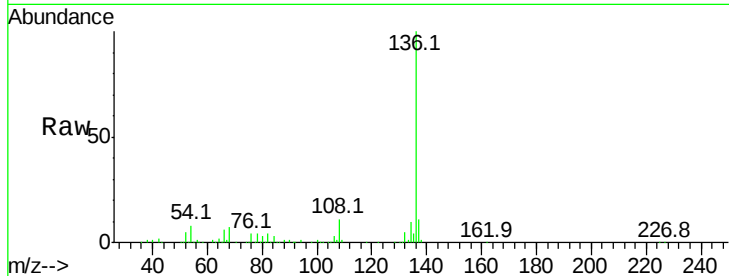
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.01 min Scan# 518  
Delta R.T. -0.06 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.2  | 9.1  | 13.7  |       |
| 54      | 8.4   | 7.4  | 11.0  |       |
| 68      | 6.6   | 5.8  | 8.8   |       |

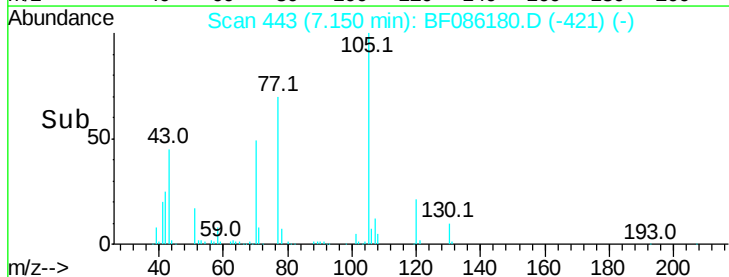
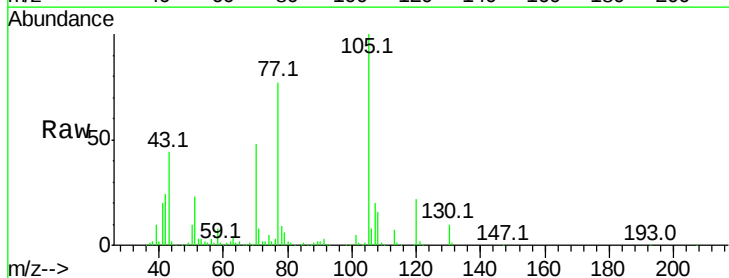
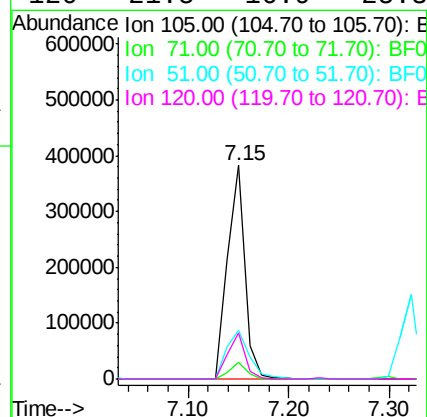
Manual Integrations  
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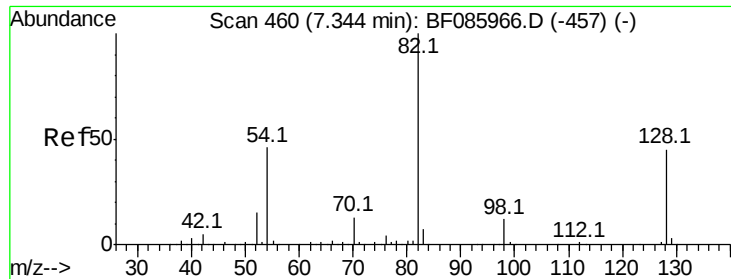
Sohil  
4/11/2016 5:45:18 PM



#22  
Acetophenone  
Concen: 43.41 ng  
RT: 7.15 min Scan# 443  
Delta R.T. -0.05 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 7.9   | 3.6  | 5.4#  |       |
| 51      | 22.7  | 25.4 | 38.0# |       |
| 120     | 21.5  | 16.9 | 25.3  |       |





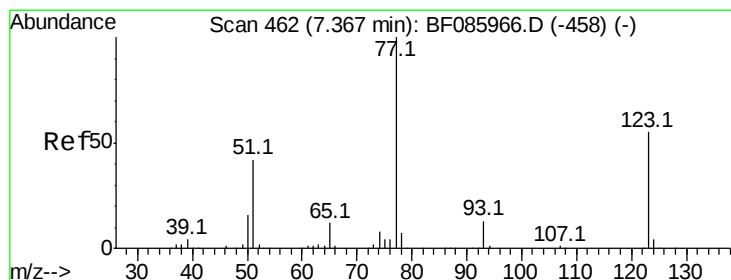
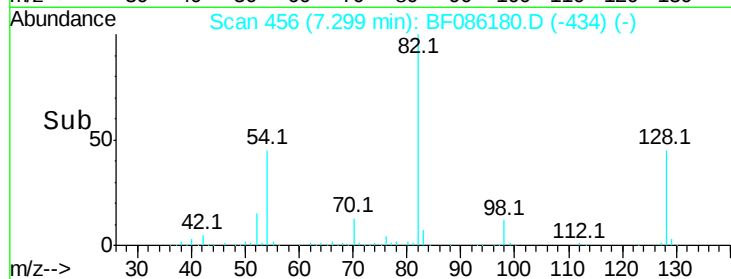
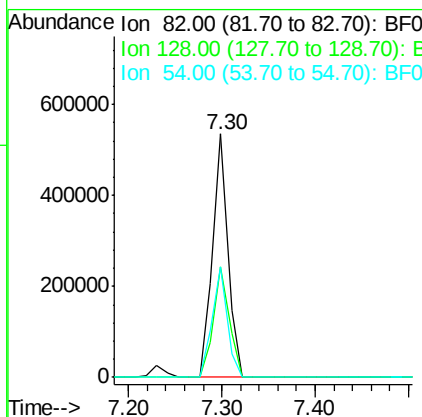
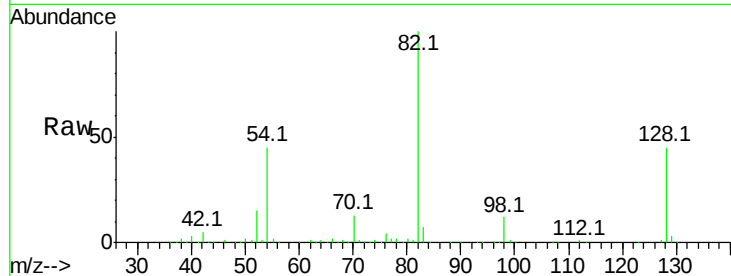
#23  
 Nitrobenzene-d5  
 Concen: 80.94 ng  
 RT: 7.30 min Scan# 456  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.2  | 41.8  | 62.8  |
| 54      | 45.3  | 33.4  | 50.0  |

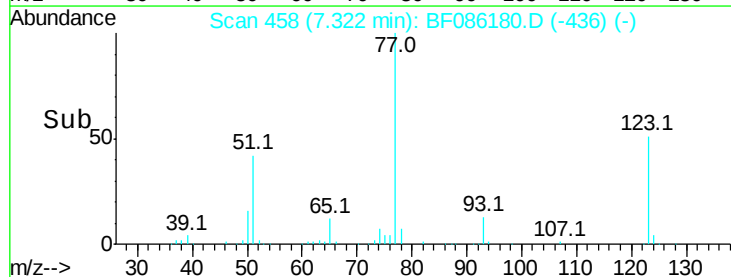
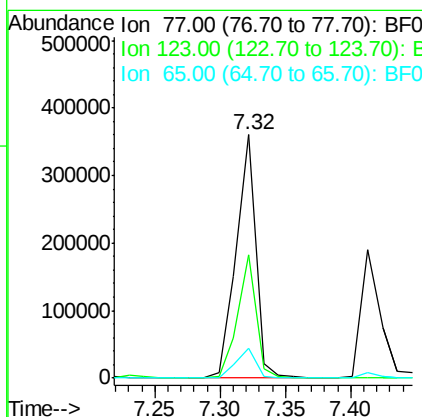
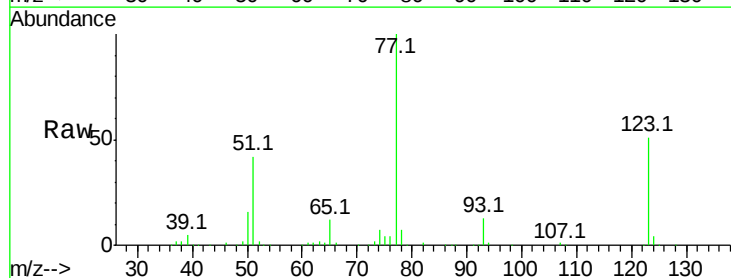
Manual Integrations  
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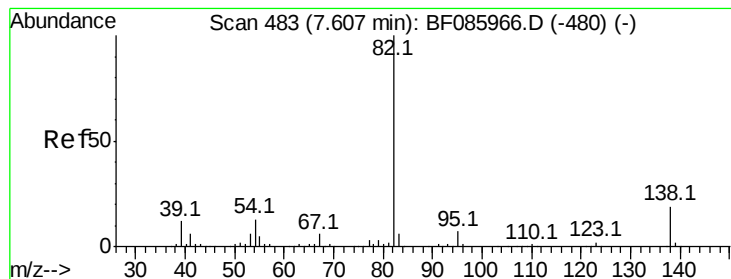
Sohil  
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#24  
 Nitrobenzene  
 Concen: 44.82 ng  
 RT: 7.32 min Scan# 458  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.7  | 35.0  | 52.4  |
| 65      | 12.3  | 10.6  | 16.0  |





#25

Isophorone

Concen: 43.52 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

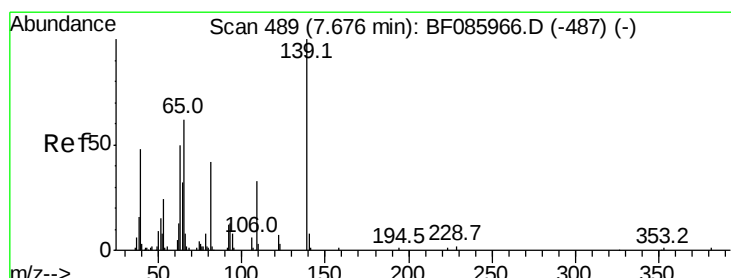
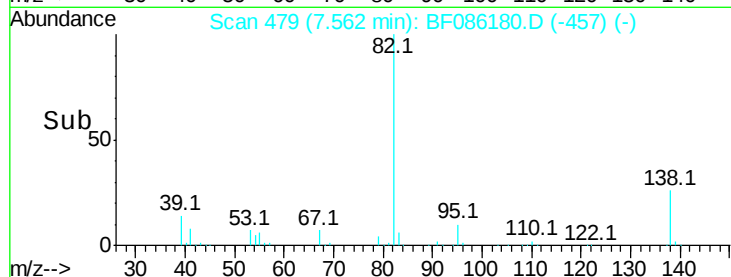
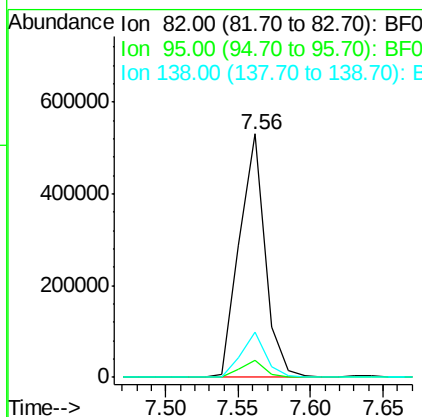
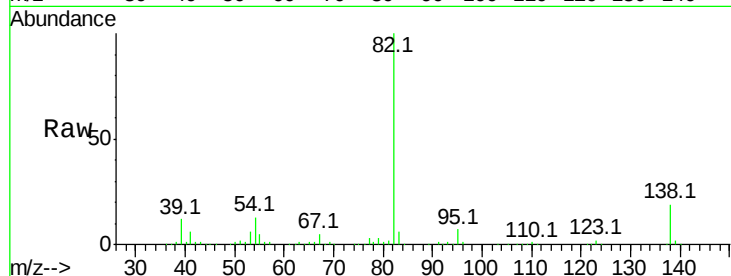
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 654531 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.4   | 8.2    |
| 138       | 18.7  | 12.9  | 19.3   |

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#26

2-Nitrophenol

Concen: 45.51 ng

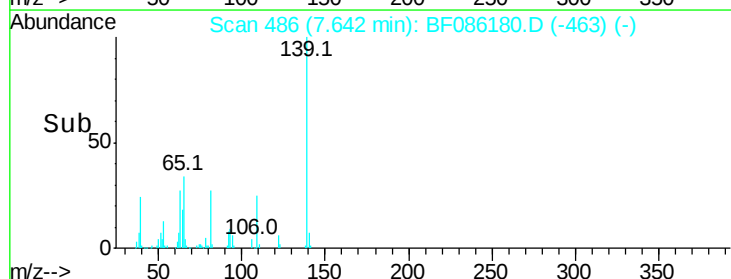
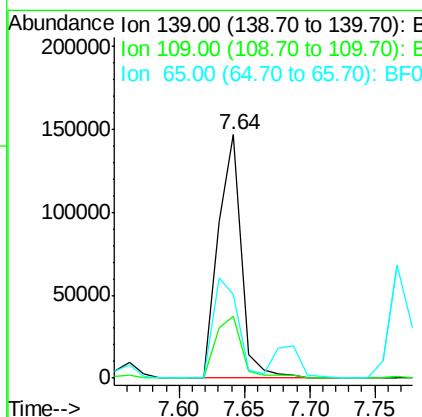
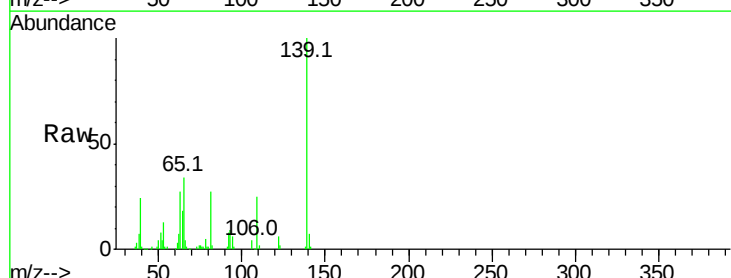
RT: 7.64 min Scan# 486

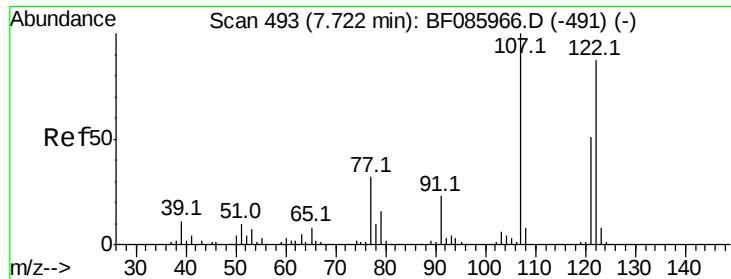
Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 181482 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 25.2  | 22.1  | 33.1   |
| 65        | 34.4  | 33.9  | 50.9   |





#27

2,4-Dimethylphenol

Concen: 44.42 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

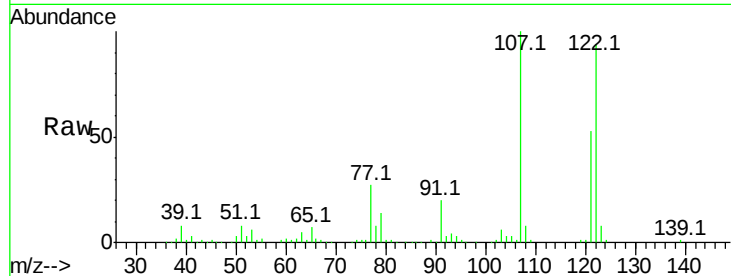
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

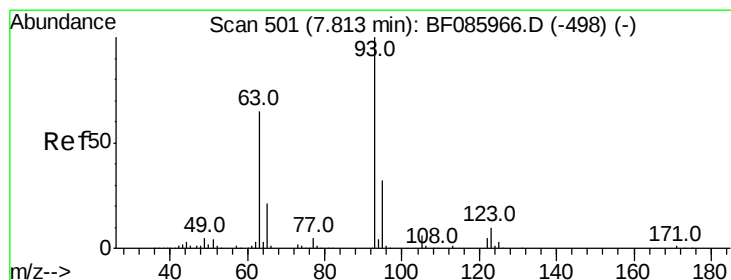
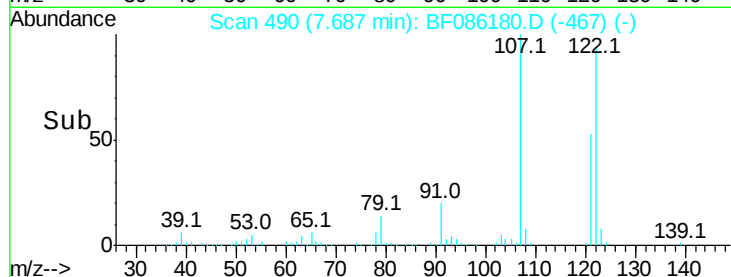
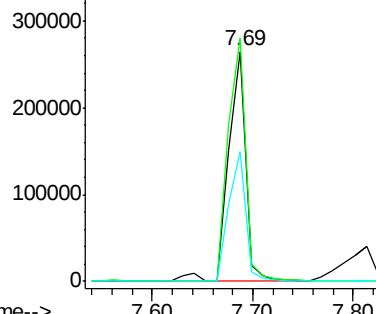
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 318160 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 106.0 | 93.0  | 139.6  |
| 121       | 56.7  | 45.9  | 68.9   |

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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: 43.29 ng

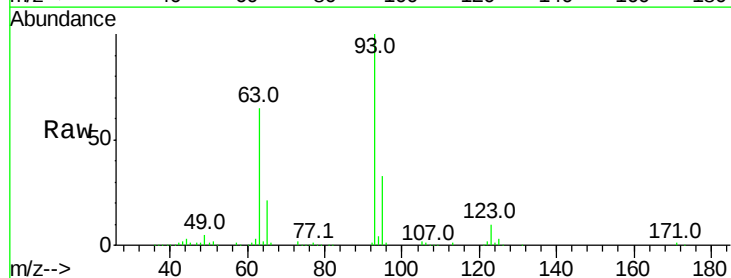
RT: 7.77 min Scan# 497

Delta R.T. -0.05 min

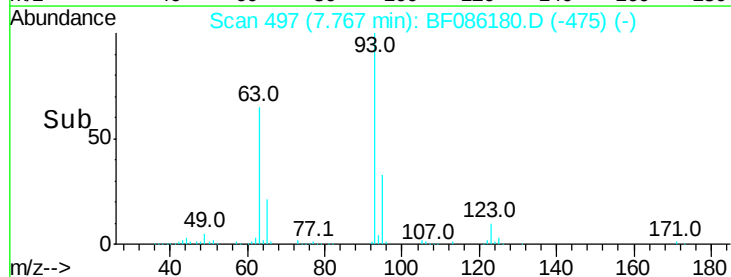
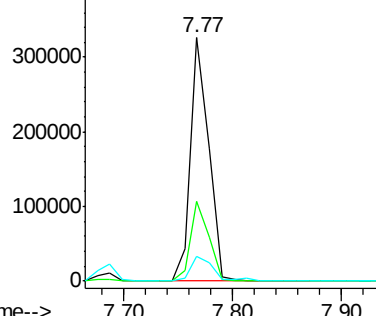
Lab File: BF086180.D

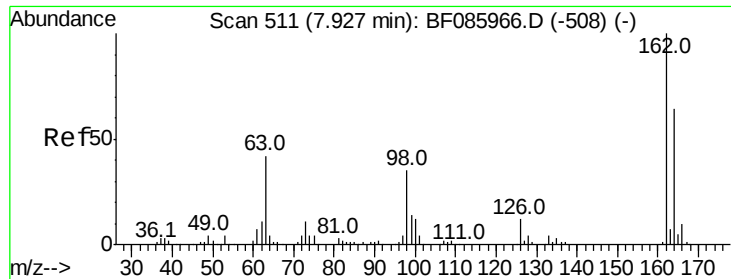
Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 382015 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.8  | 26.4  | 39.6   |
| 123       | 10.0  | 9.8   | 14.6   |



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





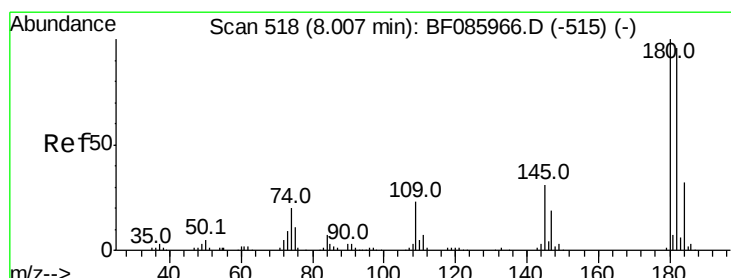
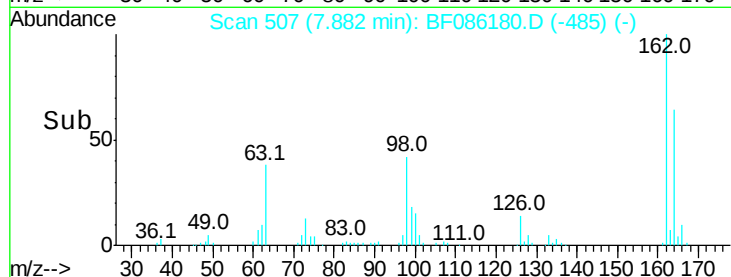
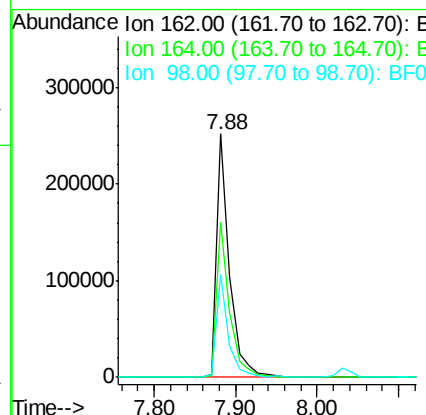
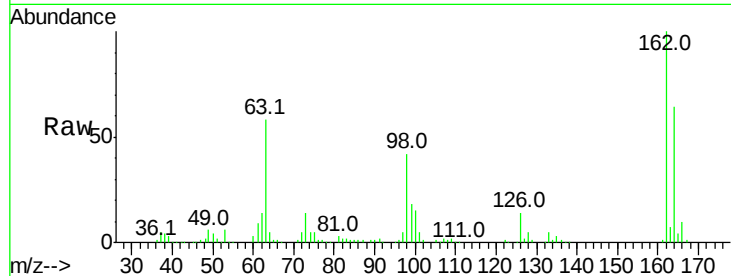
#29  
 2,4-Dichlorophenol  
 Concen: 45.95 ng  
 RT: 7.88 min Scan# 507  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 278244 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.6  | 43.7  | 83.7   |
| 98        | 42.3  | 20.4  | 60.4   |

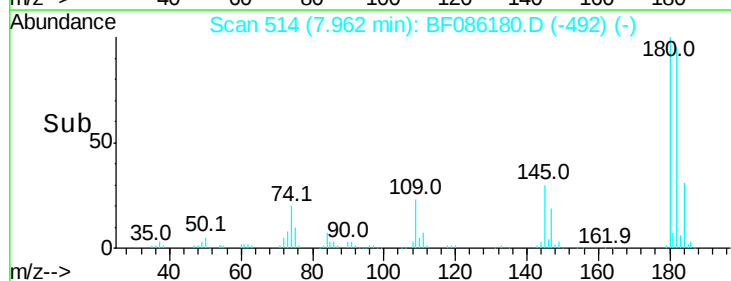
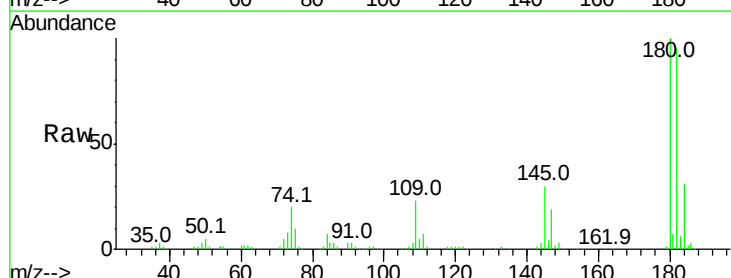
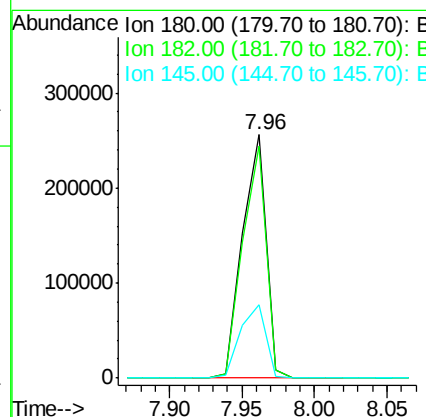
Manual Integrations  
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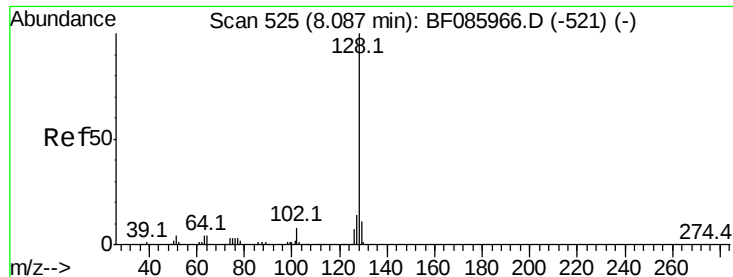
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.72 ng  
 RT: 7.96 min Scan# 514  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 290349 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.4  | 73.8  | 110.8  |
| 145       | 30.3  | 28.4  | 42.6   |





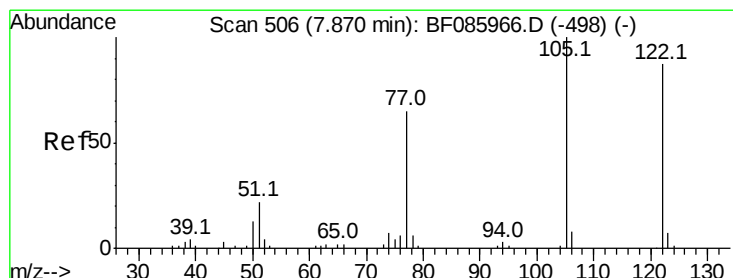
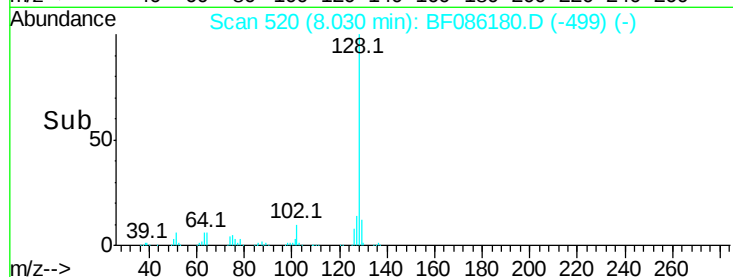
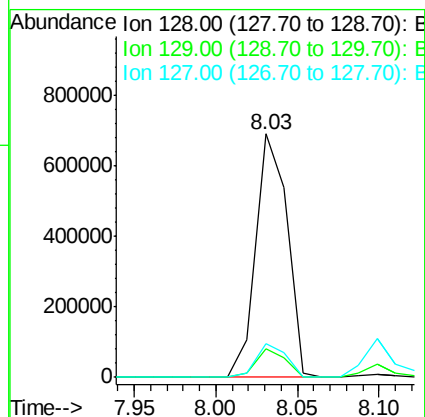
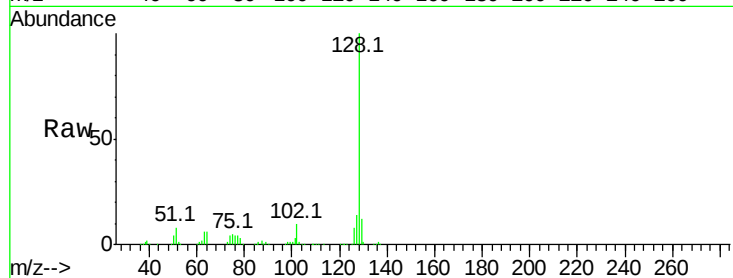
#31  
Naphthalene  
Concen: 40.98 ng  
RT: 8.03 min Scan# 520  
Delta R.T. -0.06 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.6  | 9.4  | 14.0  |       |
| 127     | 13.6  | 11.0 | 16.6  |       |

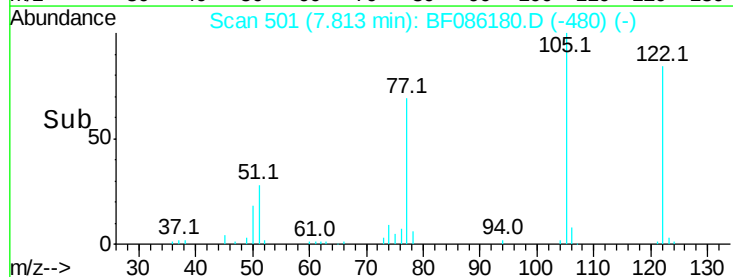
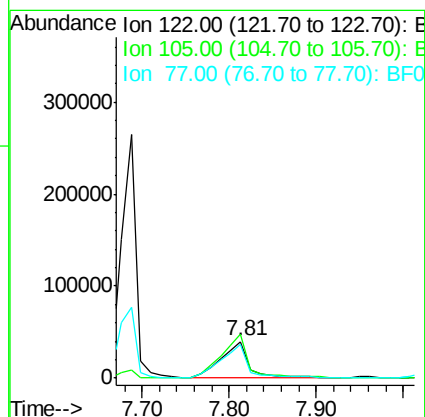
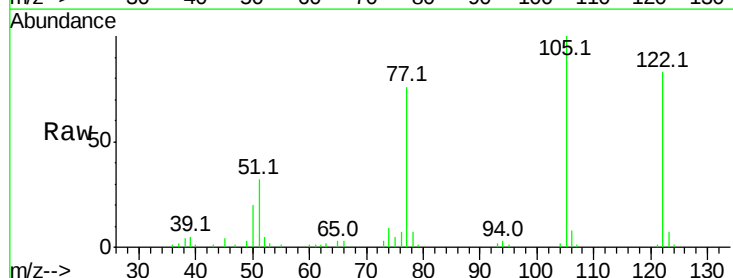
Manual Integrations  
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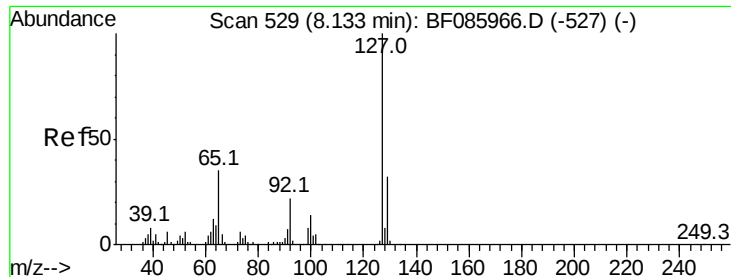
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#32  
Benzoic acid  
Concen: 16.08 ng  
RT: 7.81 min Scan# 501  
Delta R.T. -0.06 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 120.2 | 102.9 | 142.9 |       |
| 77      | 91.8  | 71.8  | 111.8 |       |





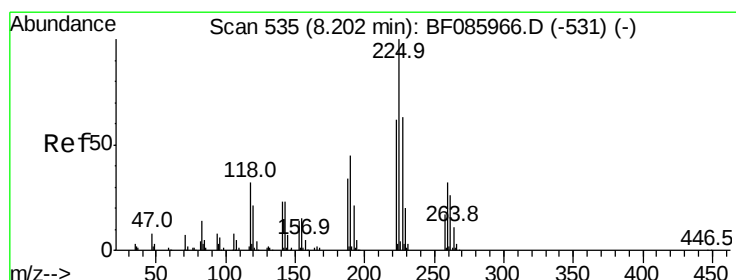
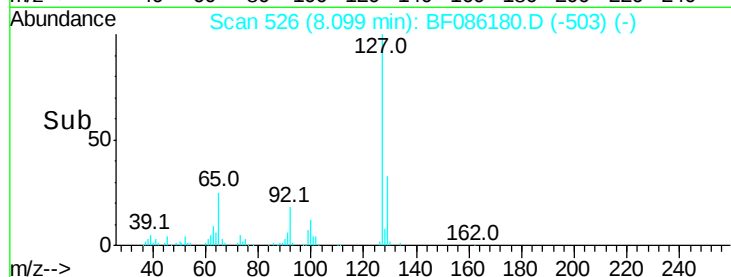
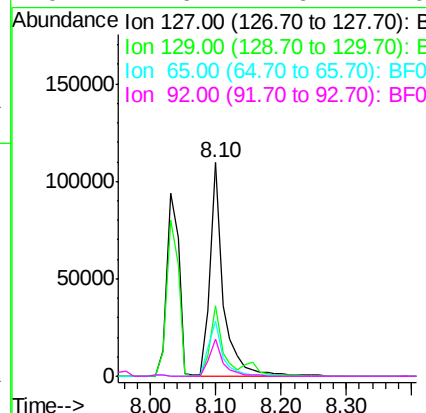
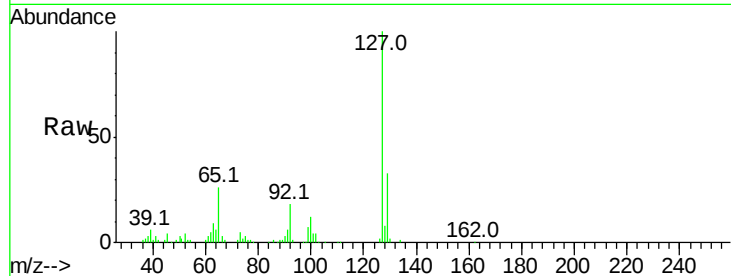
#33  
4-Chloroaniline  
Concen: 17.09 ng  
RT: 8.10 min Scan# 526  
Delta R.T. -0.03 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.9  | 26.1 | 39.1  |       |
| 65      | 25.7  | 19.5 | 29.3  |       |
| 92      | 17.6  | 14.6 | 22.0  |       |

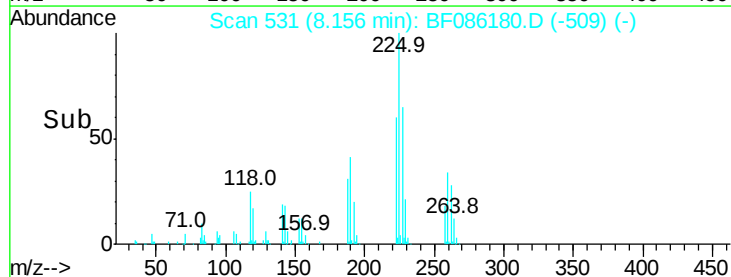
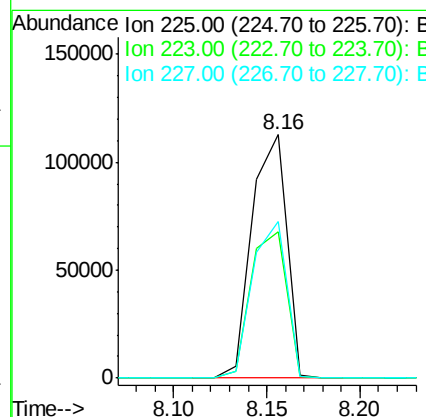
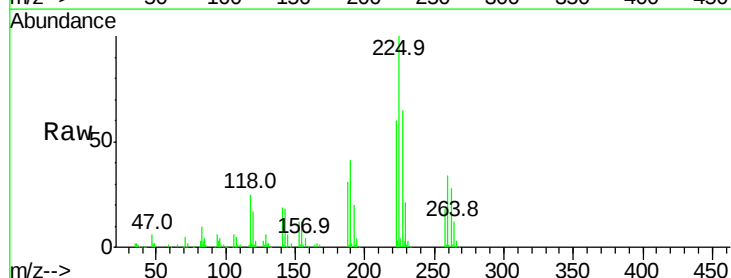
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#34  
Hexachlorobutadiene  
Concen: 39.74 ng  
RT: 8.16 min Scan# 531  
Delta R.T. -0.05 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 60.0  | 50.4 | 75.6  |       |
| 227     | 64.6  | 51.4 | 77.2  |       |





#35

Caprolactam

Concen: 46.61 ng/ml

RT: 8.48 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

ClientSampleId :

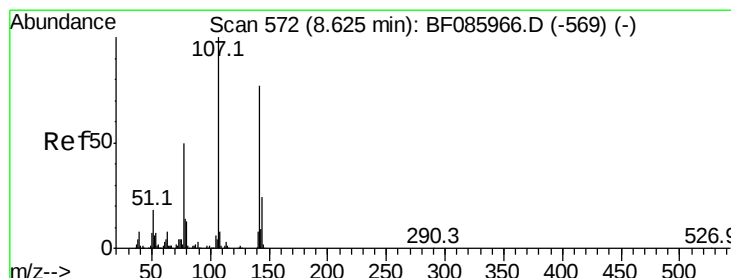
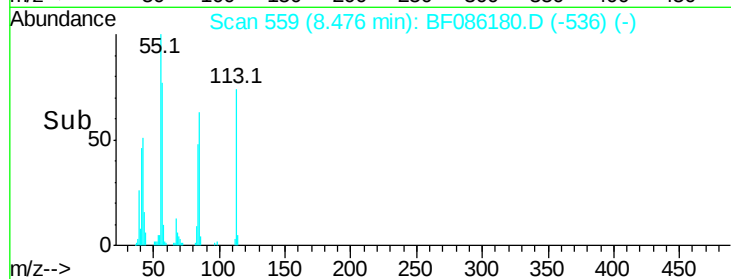
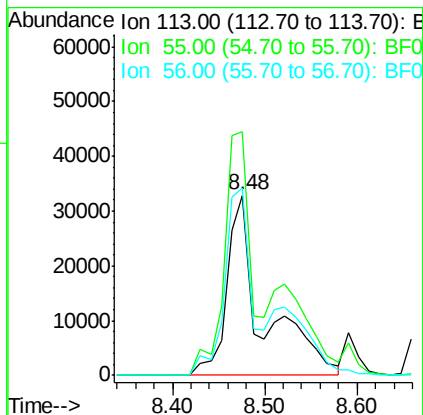
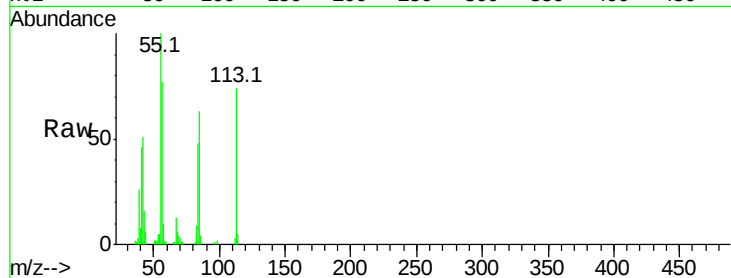
AMBOY-SB-08(0.5-20.0)MSD

Manual Integrations  
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| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 135.3 | 139.4 | 179.4# |
| 56      | 104.2 | 100.4 | 140.4  |



#36

4-Chloro-3-methylphenol

Concen: 42.05 ng/ml

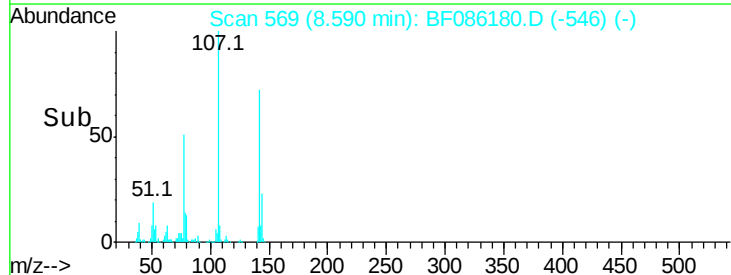
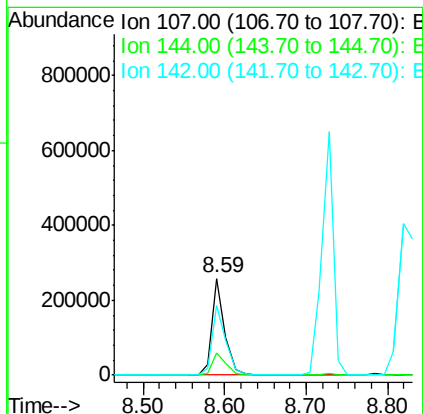
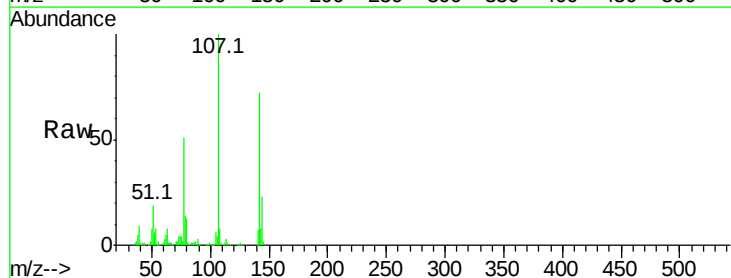
RT: 8.59 min Scan# 569

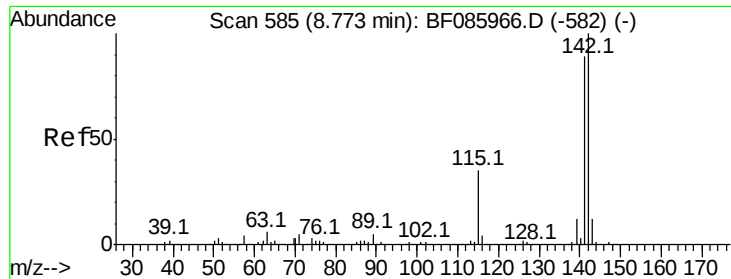
Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 22.9  | 19.3  | 28.9  |
| 142     | 71.8  | 61.4  | 92.0  |





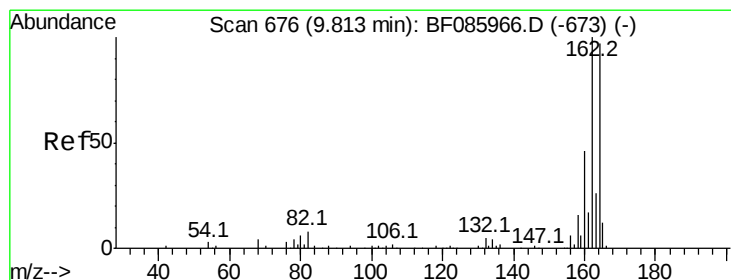
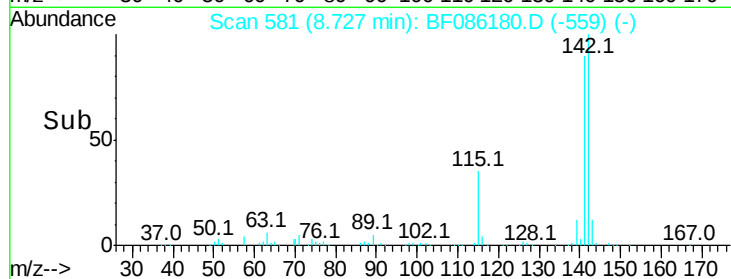
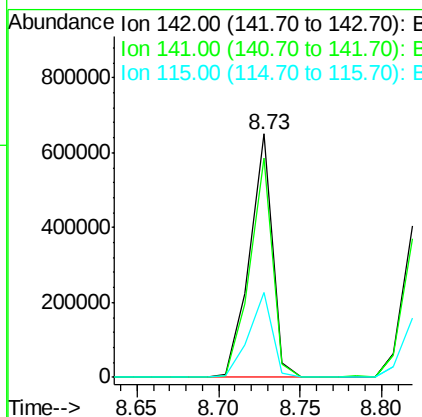
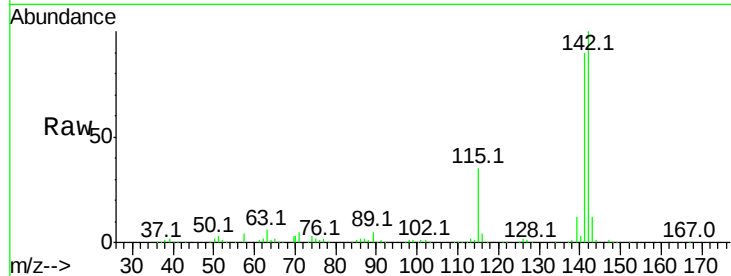
#37  
 2-Methylnaphthalene  
 Concen: 42.74 ng  
 RT: 8.73 min Scan# 581  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 630938 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.9  | 71.6  | 107.4  |
| 115       | 35.0  | 26.8  | 40.2   |

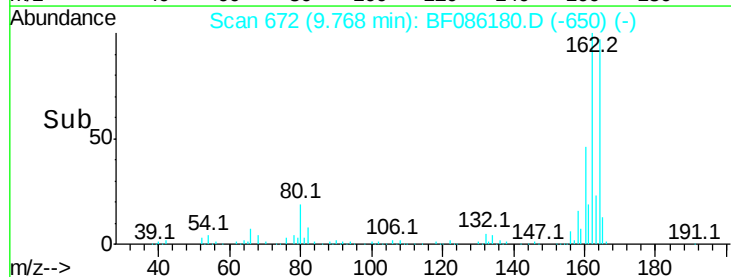
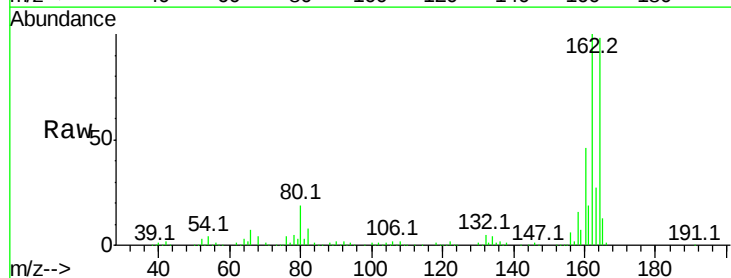
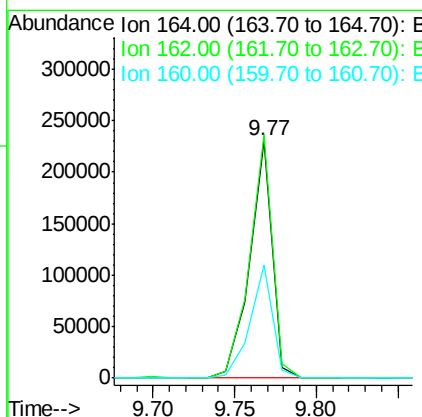
Manual Integrations  
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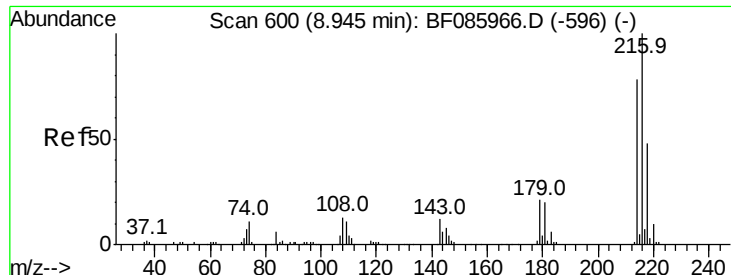
Sohil  
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.77 min Scan# 672  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 221257 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.5 | 82.1  | 123.1  |
| 160       | 47.5  | 37.4  | 56.2   |





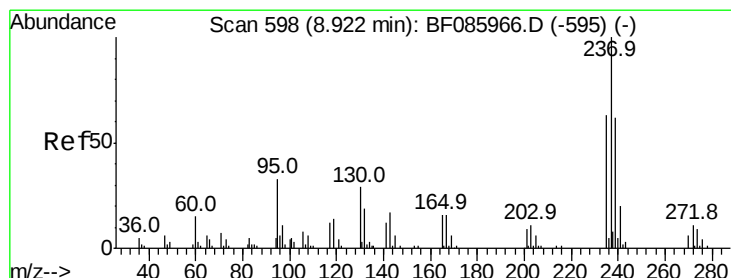
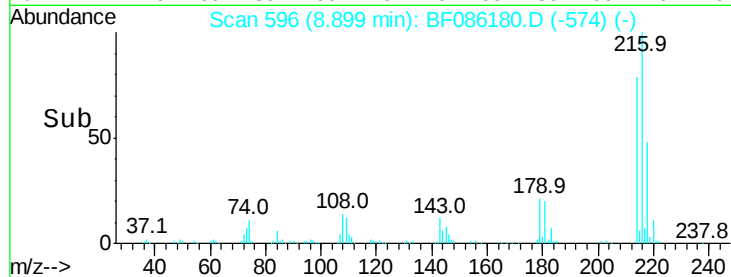
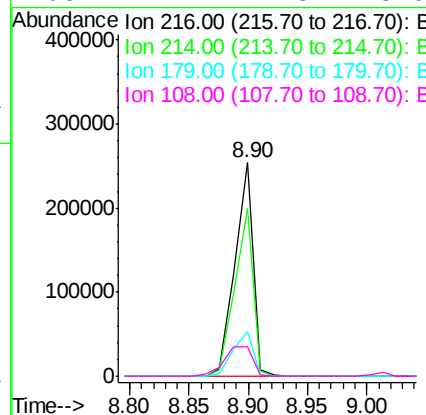
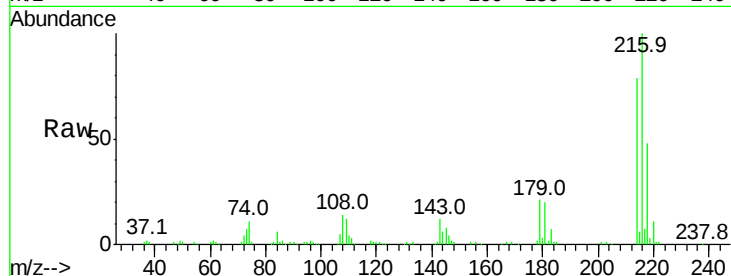
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.50 ng  
 RT: 8.90 min Scan# 596  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 269330 |       |       |
| 214     | 79.2  | 63.1   | 94.7  |       |
| 179     | 22.9  | 18.2   | 27.2  |       |
| 108     | 21.7  | 17.3   | 25.9  |       |

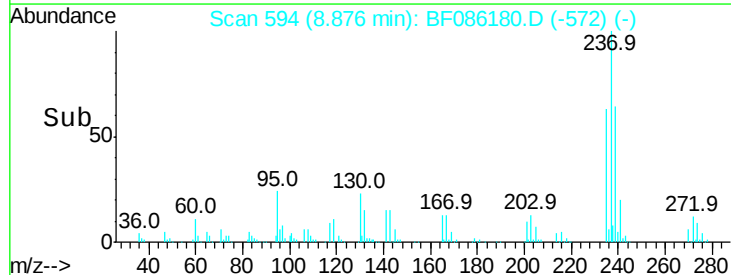
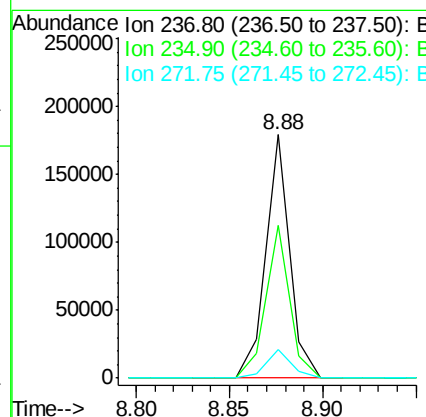
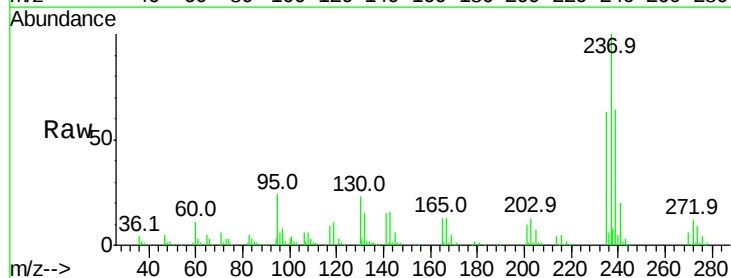
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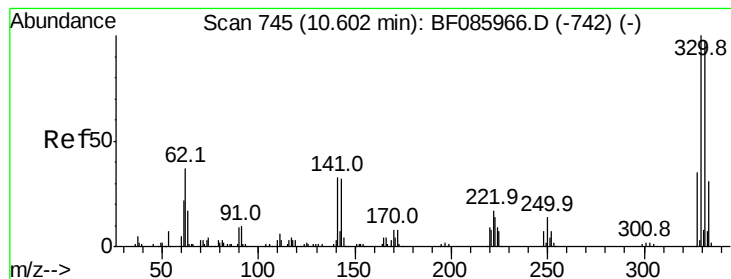
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#40  
 Hexachlorocyclopentadiene  
 Concen: 70.60 ng  
 RT: 8.88 min Scan# 594  
 Delta R.T. -0.04 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 161624 |       |       |
| 235     | 62.9  | 43.7   | 83.7  |       |
| 272     | 11.7  | 0.0    | 31.9  |       |





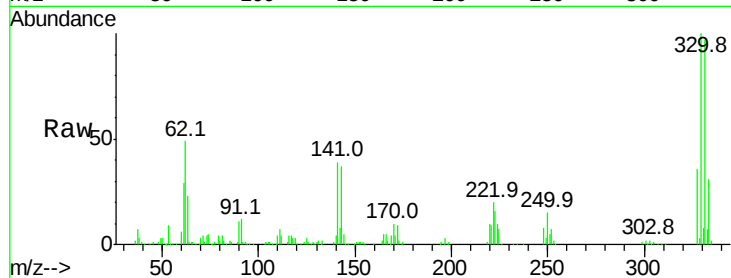
#41  
 2,4,6-Tribromophenol  
 Concen: 113.44 ng  
 RT: 10.56 min Scan# 741  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

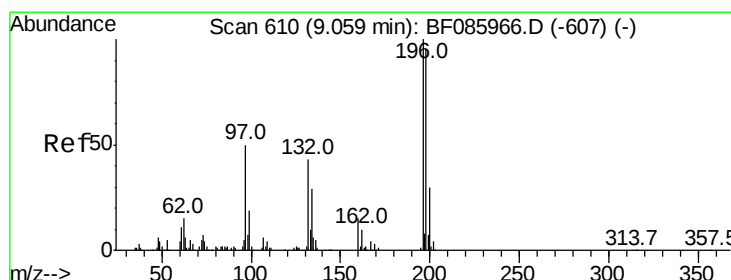
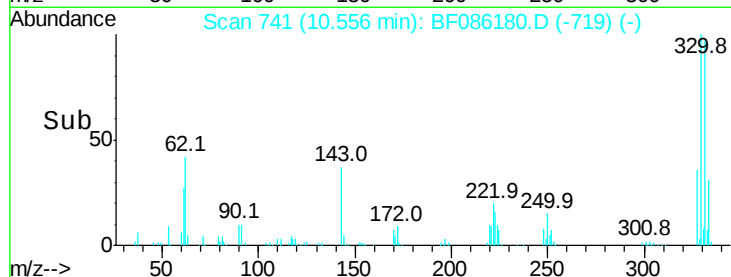
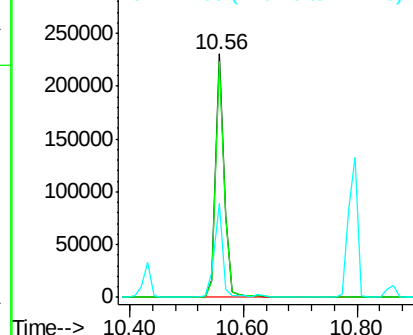
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 235577 |       |       |
| 332     | 97.2  | 78.2   | 117.2 |       |
| 141     | 37.1  | 31.5   | 47.3  |       |

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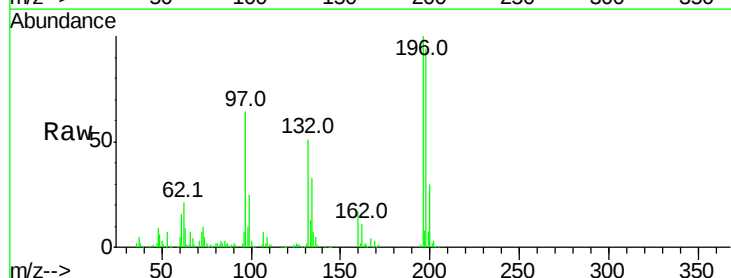


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

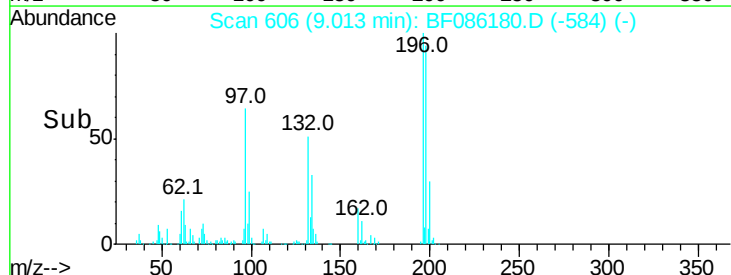
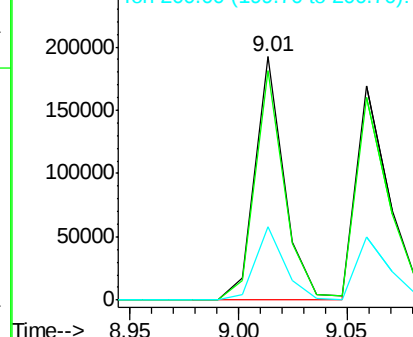


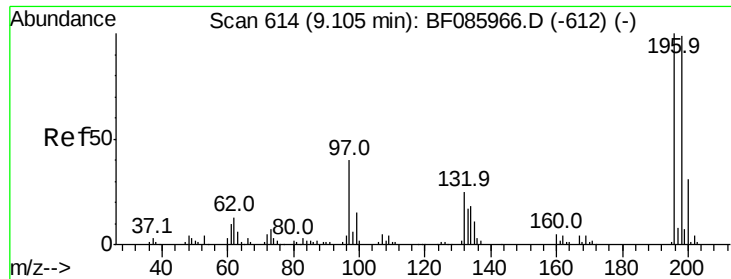
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.23 ng  
 RT: 9.01 min Scan# 606  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 180326 |       |       |
| 198     | 94.1  | 75.3   | 112.9 |       |
| 200     | 30.2  | 23.7   | 35.5  |       |



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





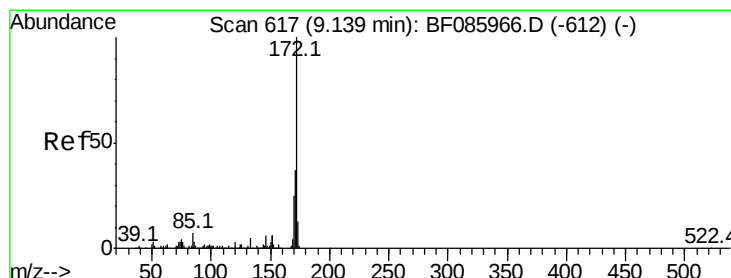
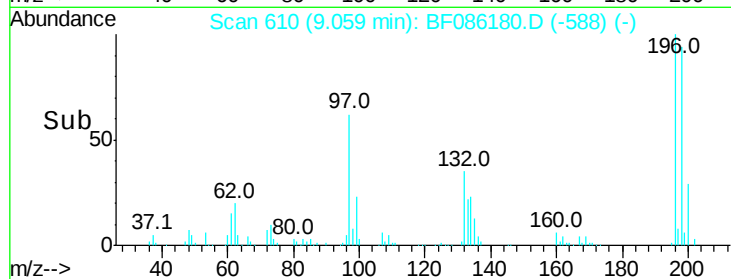
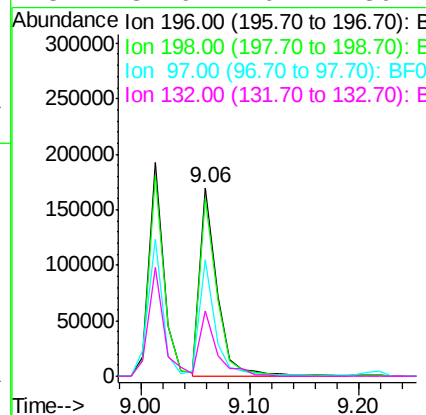
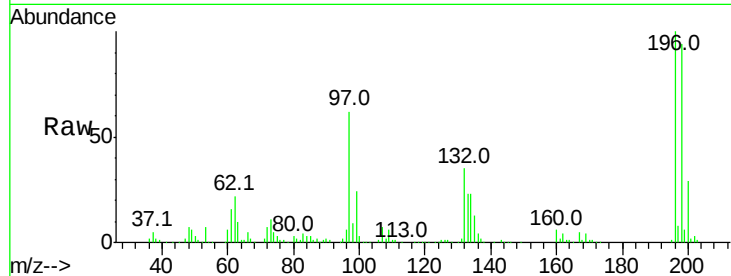
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.72 ng  
 RT: 9.06 min Scan# 610  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 185212 |       |       |
| 198     | 94.3  | 76.6   | 114.8 |       |
| 97      | 61.9  | 30.5   | 45.7# |       |
| 132     | 34.9  | 20.2   | 30.2# |       |

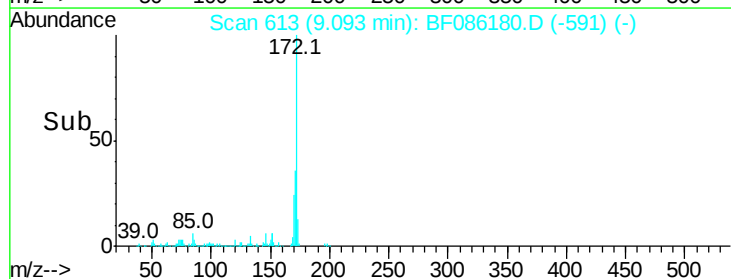
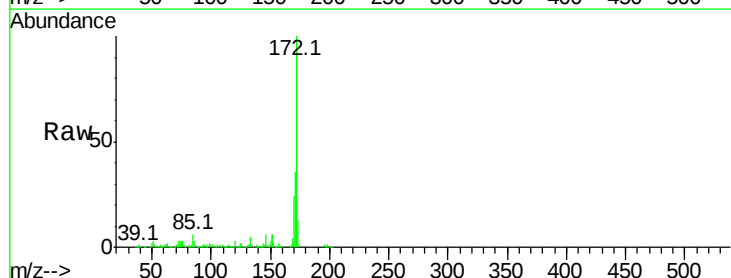
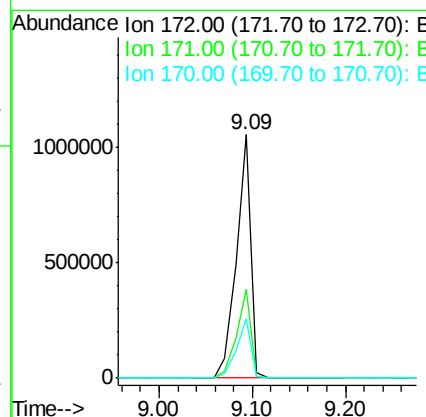
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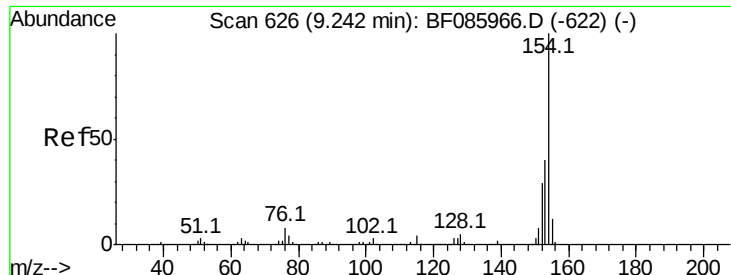
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#44  
 2-Fluorobiphenyl  
 Concen: 85.37 ng  
 RT: 9.09 min Scan# 613  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1136054 |       |       |
| 171     | 36.2  | 29.4    | 44.2  |       |
| 170     | 24.3  | 19.8    | 29.6  |       |





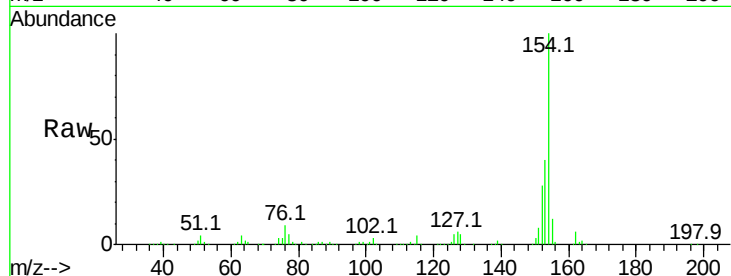
#45  
 1,1'-Biphenyl  
 Concen: 39.14 ng  
 RT: 9.20 min Scan# 622  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

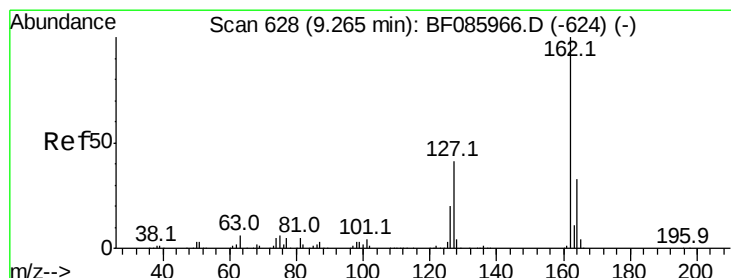
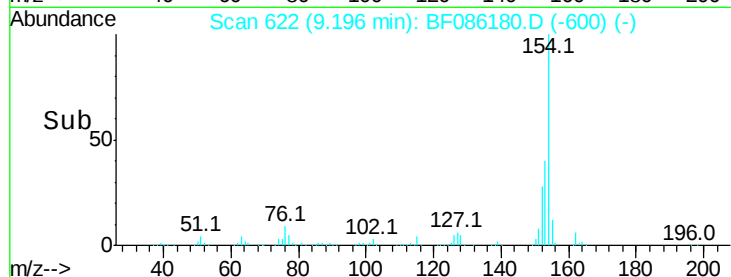
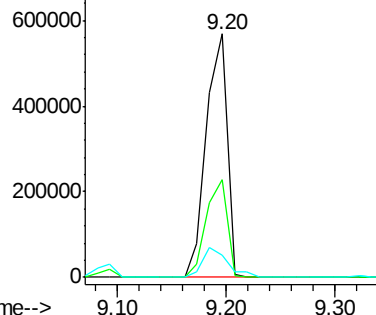
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 746691 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.4  | 20.8  | 60.8   |
| 76        | 9.0   | 0.0   | 36.7   |

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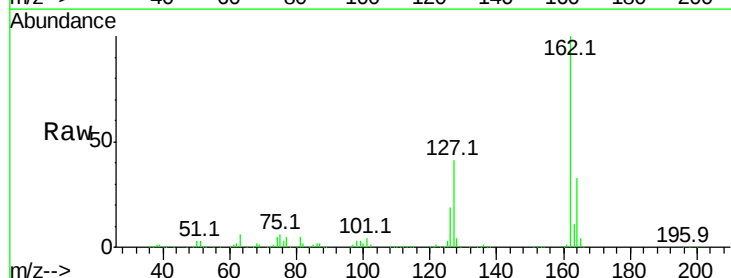


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BFO

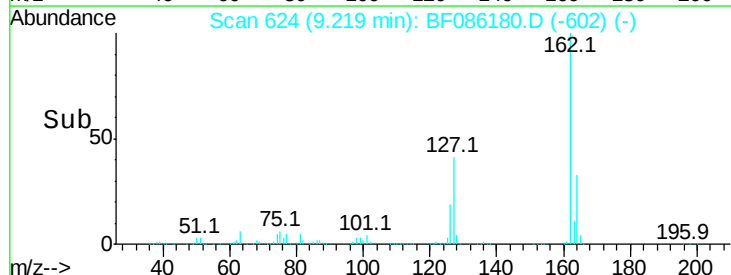
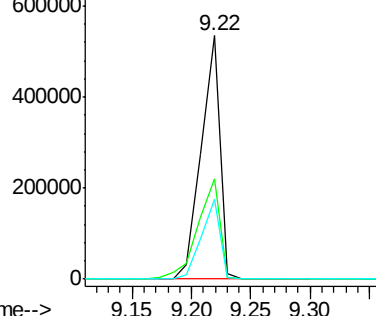


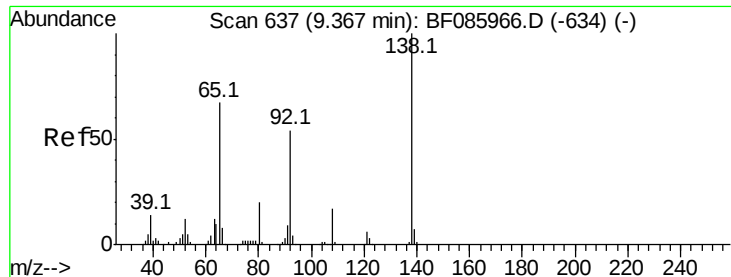
#46  
 2-Chloronaphthalene  
 Concen: 42.46 ng  
 RT: 9.22 min Scan# 624  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 587243 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.3  | 31.7  | 47.5   |
| 164       | 32.9  | 27.3  | 40.9   |



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





#47

2-Nitroaniline

Concen: 44.78 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

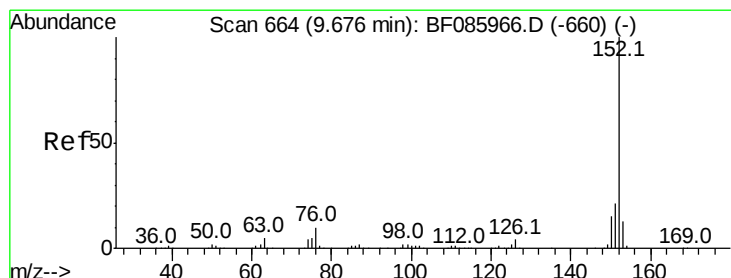
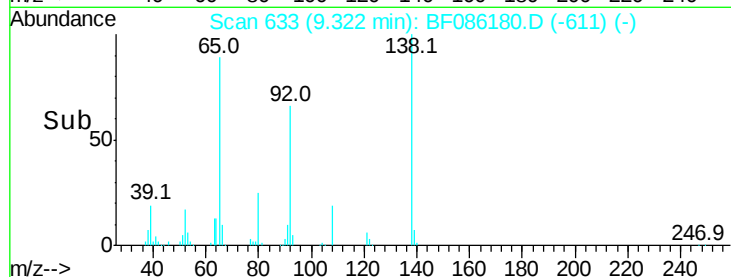
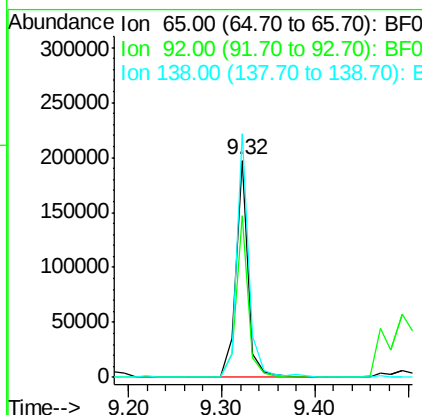
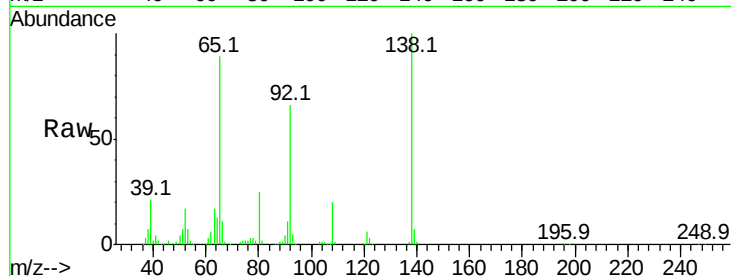
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 181209 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 74.3  | 59.7  | 89.5   |
| 138       | 112.2 | 91.4  | 137.0  |

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#48

Acenaphthylene

Concen: 40.96 ng

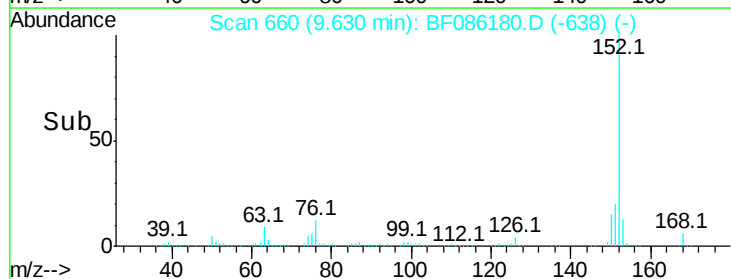
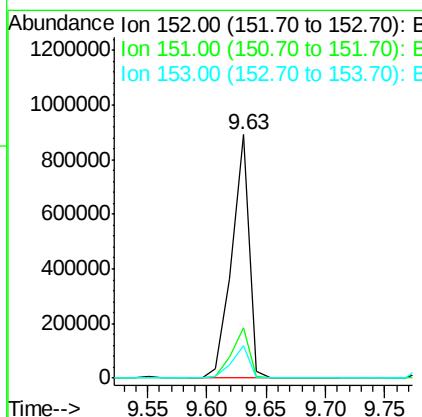
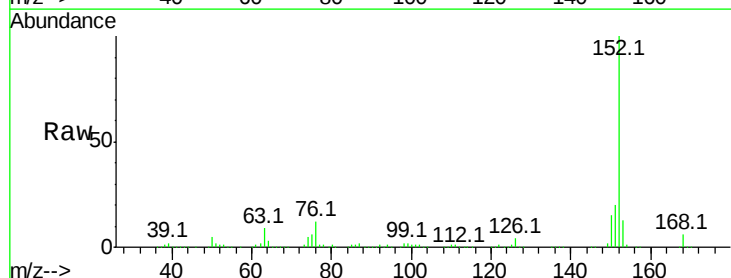
RT: 9.63 min Scan# 660

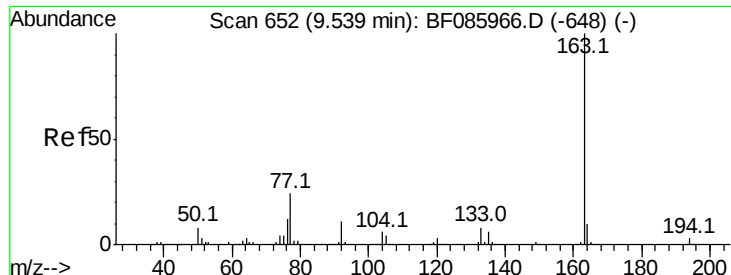
Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 907322 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.4  | 16.8  | 25.2   |
| 153       | 13.3  | 10.9  | 16.3   |





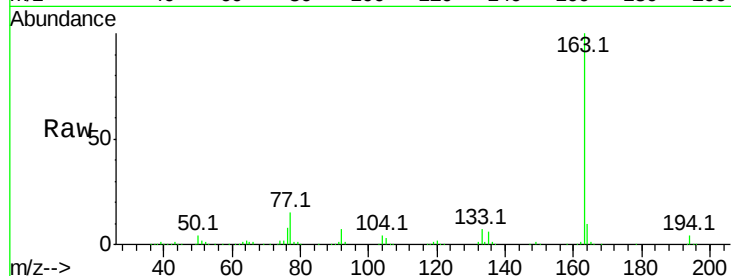
#49  
Dimethylphthalate  
Concen: 52.40 ng  
RT: 9.50 min Scan# 649  
Delta R.T. -0.03 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

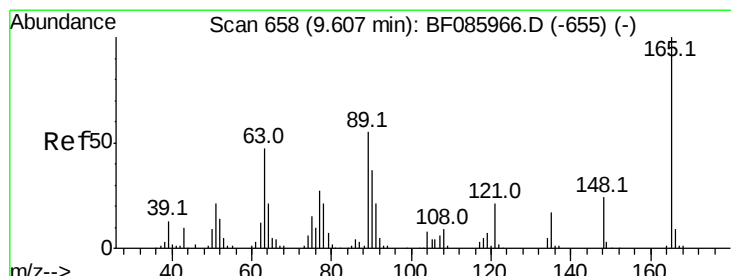
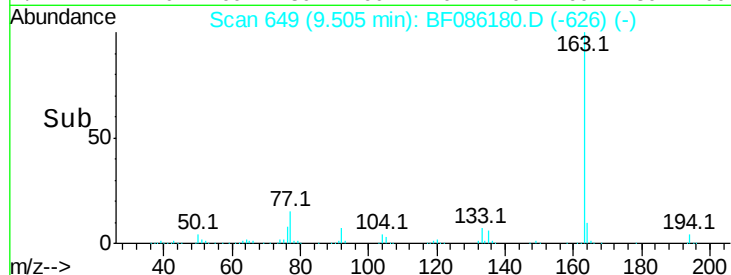
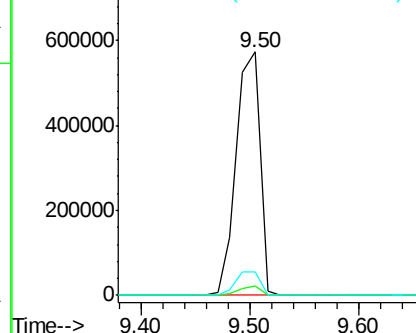
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 859252 |       |       |
| 194     | 3.9   |        | 2.9   | 4.3   |
| 164     | 9.6   |        | 8.3   | 12.5  |

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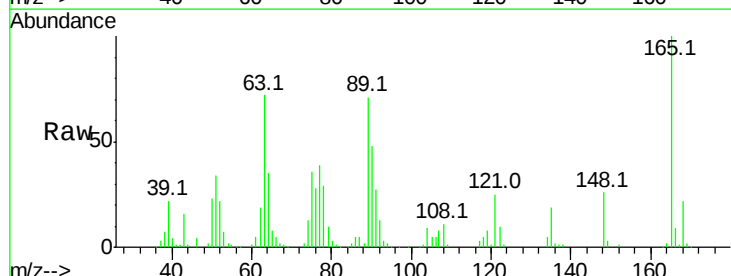


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

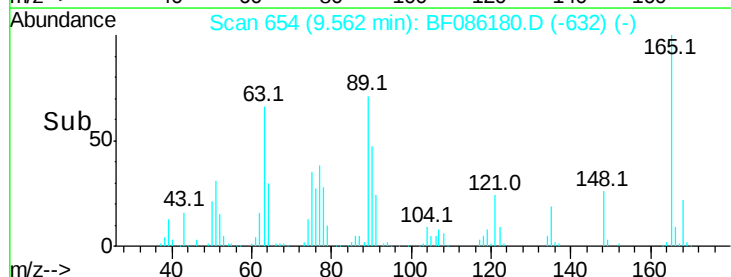
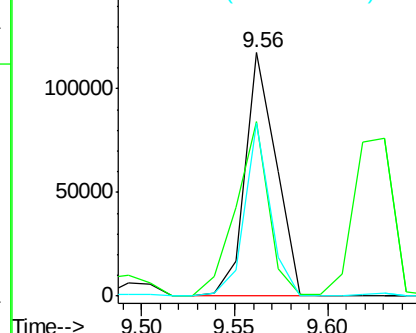


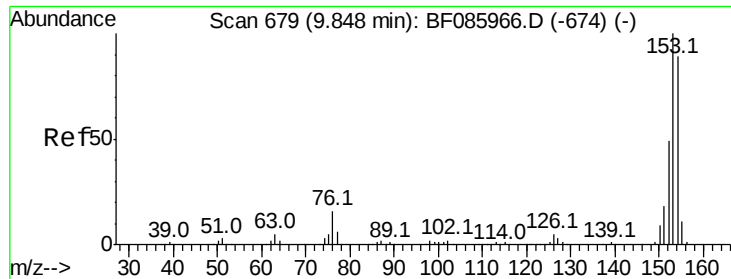
#50  
2,6-Dinitrotoluene  
Concen: 38.82 ng  
RT: 9.56 min Scan# 654  
Delta R.T. -0.05 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 134701 |       |       |
| 63      | 71.7  |        | 51.8  | 77.8  |
| 89      | 71.3  |        | 53.7  | 80.5  |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.73 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

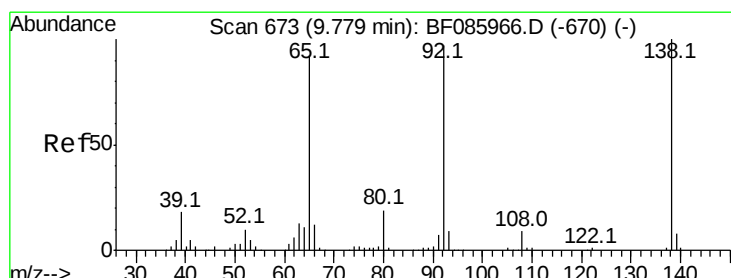
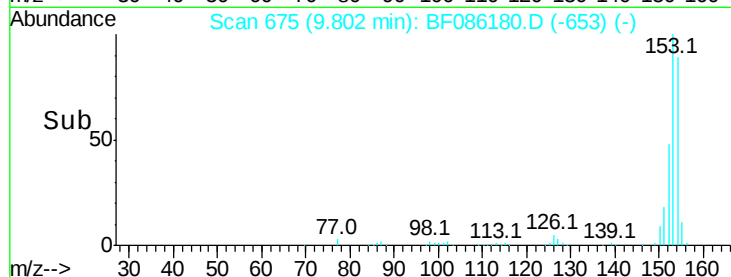
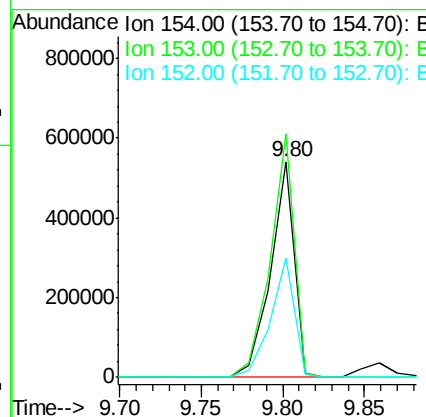
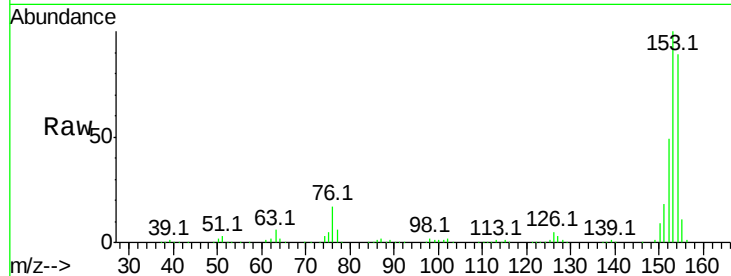
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 549858 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.8 | 90.1  | 135.1  |
| 152       | 55.5  | 44.2  | 66.2   |

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#52

3-Nitroaniline

Concen: 24.52 ng

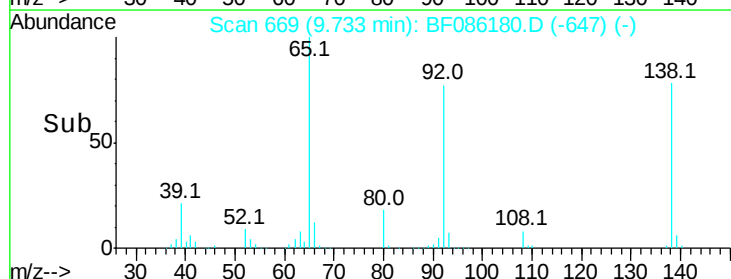
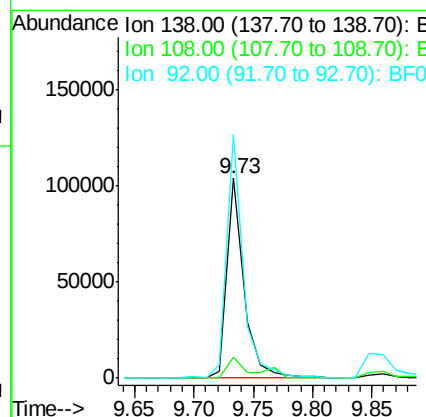
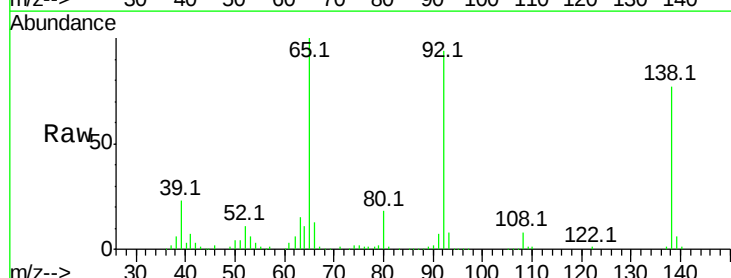
RT: 9.73 min Scan# 669

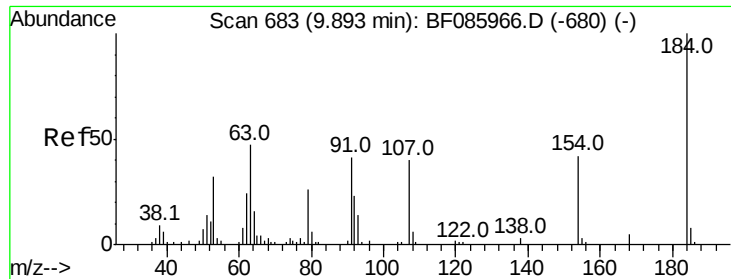
Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 102535 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.4  | 8.7   | 13.1   |
| 92        | 122.1 | 93.3  | 139.9  |





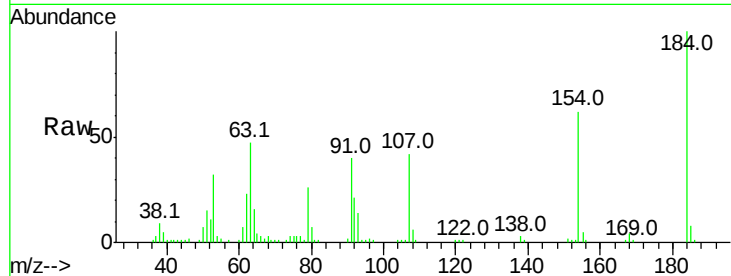
#53  
 2,4-Dinitrophenol  
 Concen: 44.49 ng  
 RT: 9.86 min Scan# 680  
 Delta R.T. -0.03 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

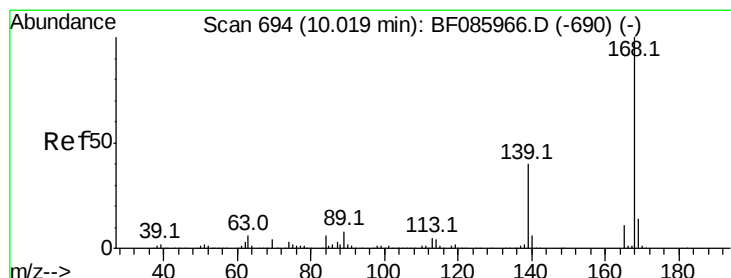
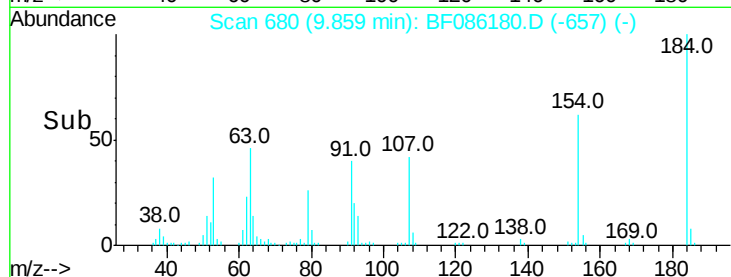
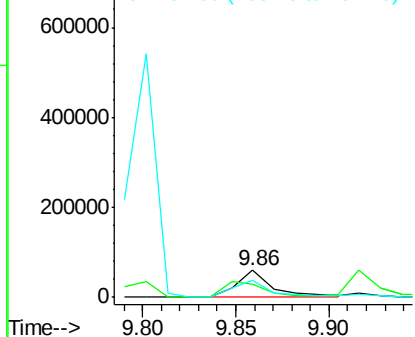
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 47.3  | 69.5  | 104.3# |
| 154     | 61.9  | 58.3  | 87.5   |

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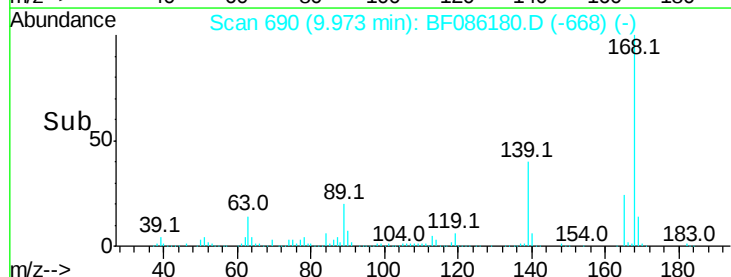
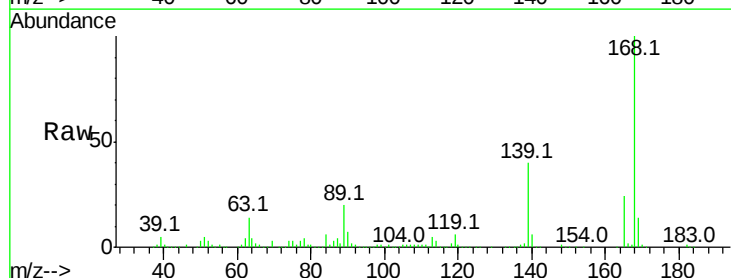
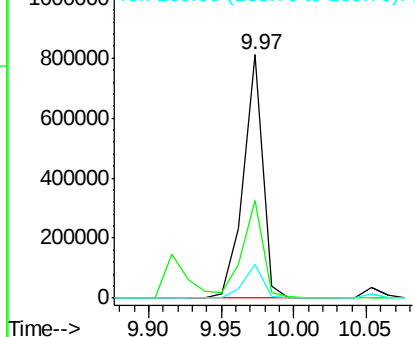
Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

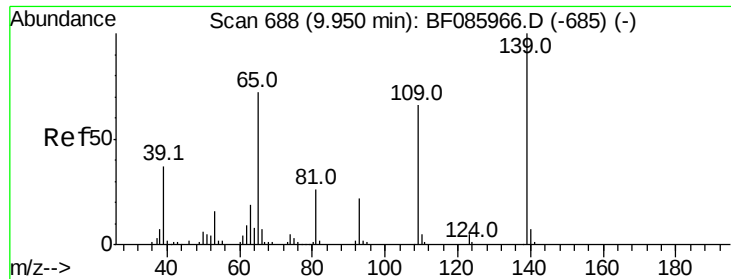


#54  
 Dibenzofuran  
 Concen: 43.18 ng  
 RT: 9.97 min Scan# 690  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.3  | 31.9  | 47.9  |
| 169     | 13.7  | 11.0  | 16.6  |

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





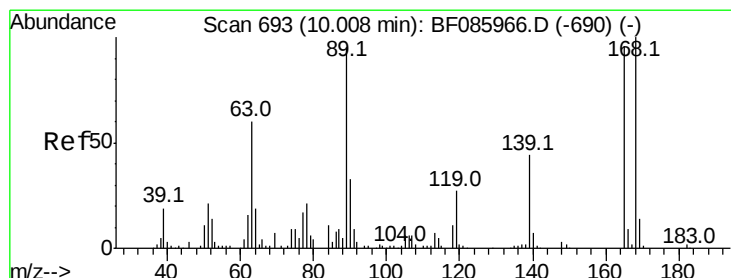
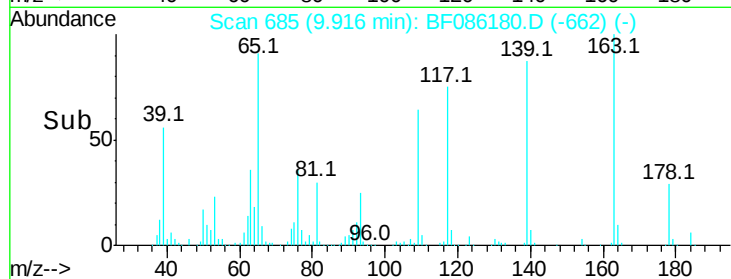
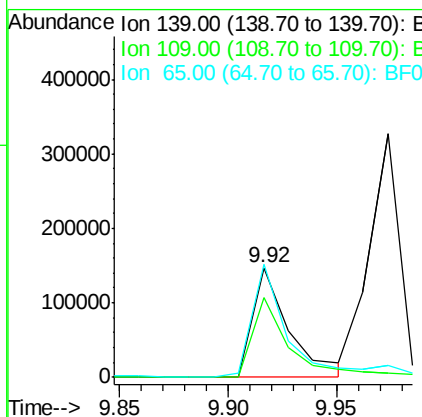
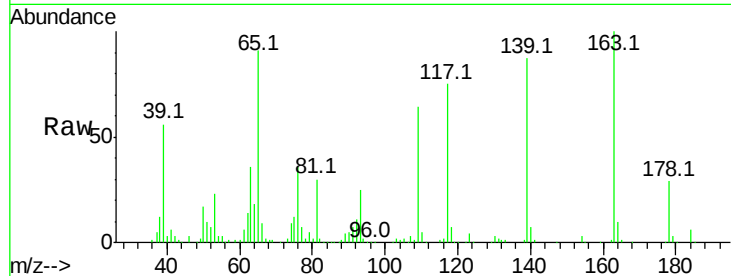
#55  
4-Nitrophenol  
Concen: 70.91 ng  
RT: 9.92 min Scan# 685  
Delta R.T. -0.03 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 174799 |       |       |
| 109     | 72.7  | 49.2   | 89.2  |       |
| 65      | 103.6 | 66.9   | 106.9 |       |

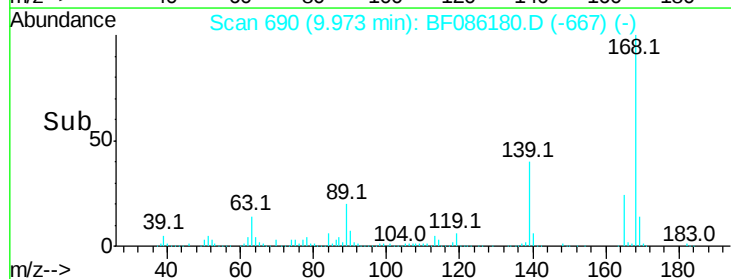
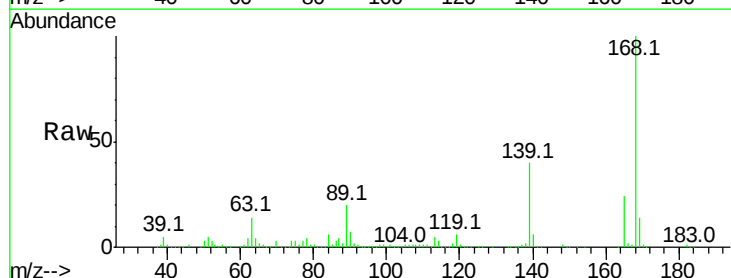
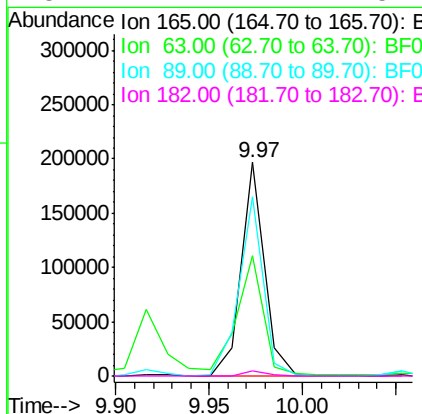
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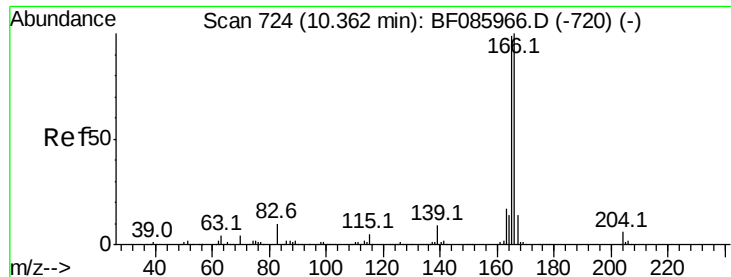
Sohil  
4/11/2016 5:45:18 PM



#56  
2,4-Dinitrotoluene  
Concen: 39.23 ng  
RT: 9.97 min Scan# 690  
Delta R.T. -0.03 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 172016 |       |       |
| 63      | 56.5  | 24.9   | 37.3# |       |
| 89      | 84.2  | 41.0   | 61.6# |       |
| 182     | 2.4   | 2.1    | 3.1   |       |





#57

Fluorene

Concen: 41.78 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

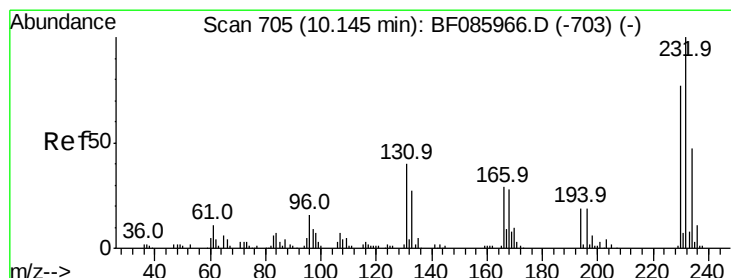
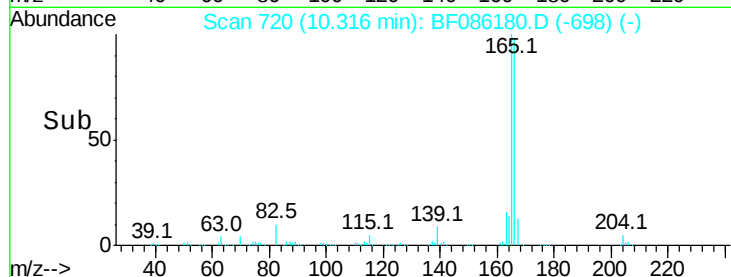
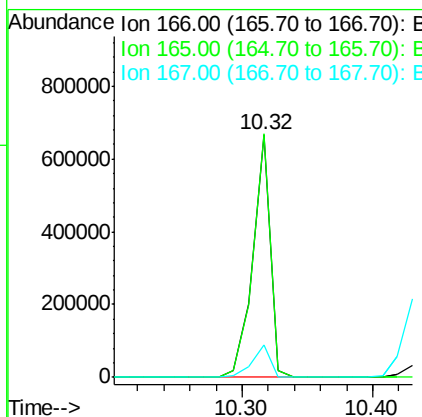
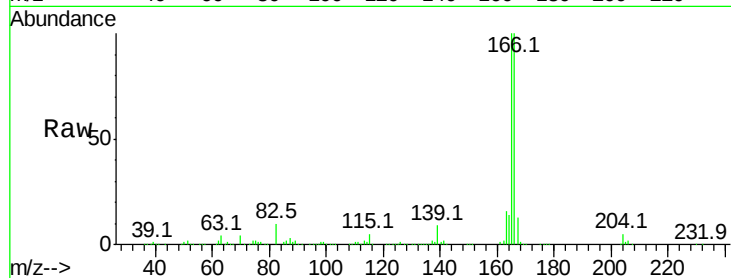
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 621041 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 100.3 | 79.4  | 119.0  |
| 167       | 13.5  | 11.0  | 16.4   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.53 ng

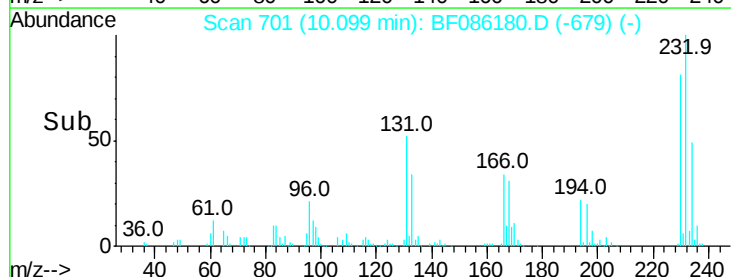
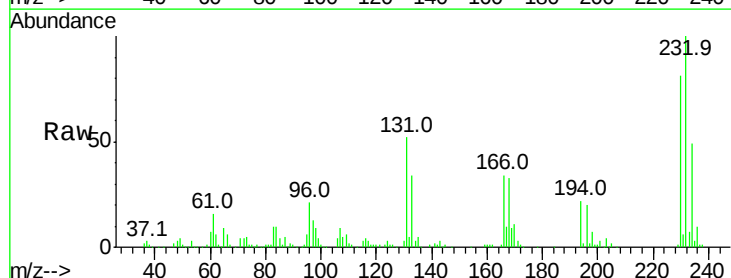
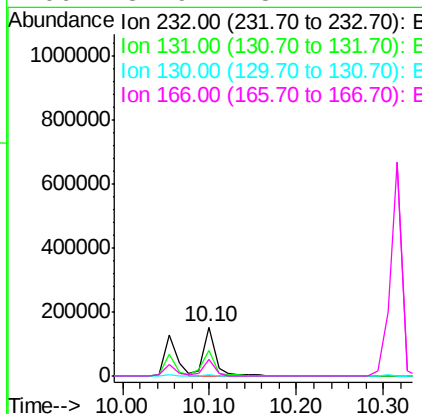
RT: 10.10 min Scan# 701

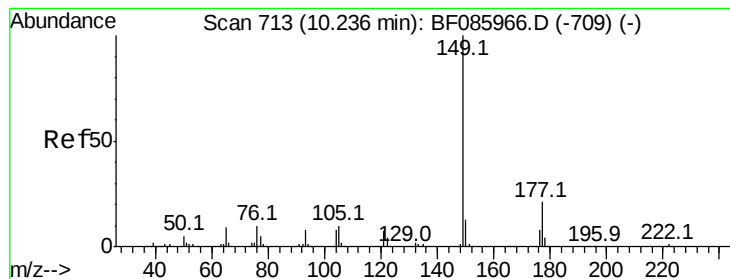
Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 146977 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 54.7  | 44.9  | 67.3   |
| 130       | 2.8   | 2.3   | 3.5    |
| 166       | 32.9  | 28.1  | 42.1   |





#59

Diethylphthalate

Concen: 39.39 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

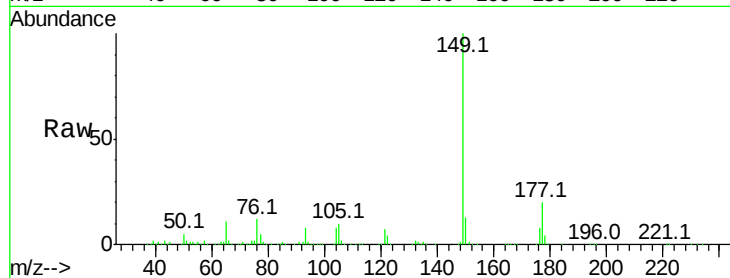
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

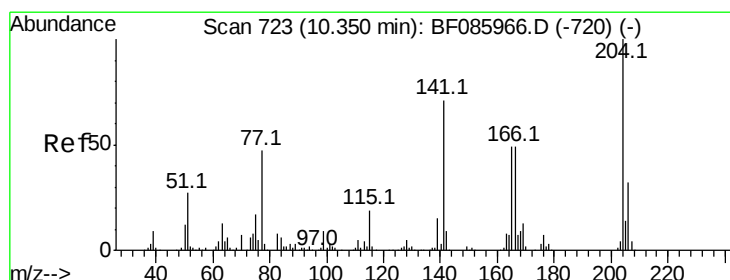
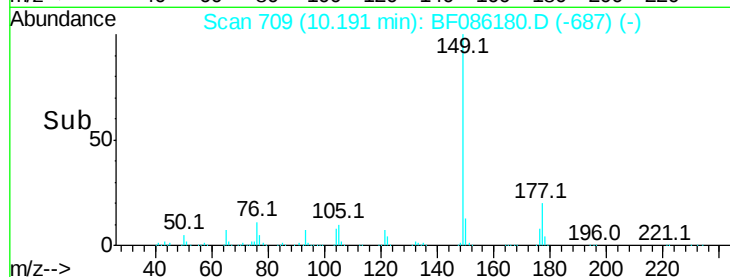
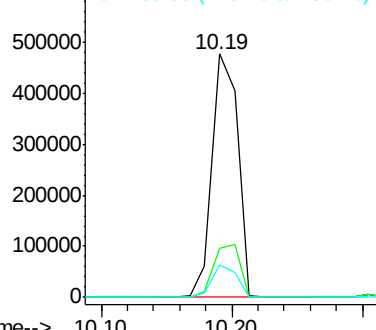
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 651903 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 20.1  | 17.9  | 26.9   |
| 150       | 13.1  | 10.2  | 15.2   |

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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: 40.13 ng

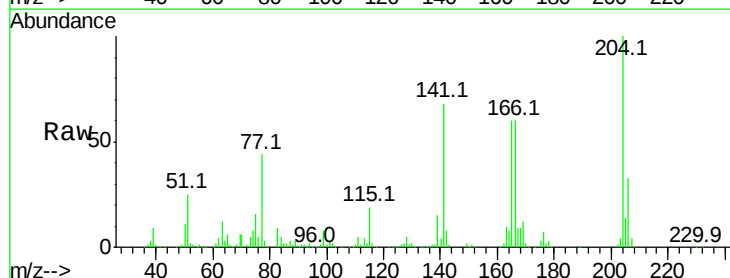
RT: 10.30 min Scan# 719

Delta R.T. -0.05 min

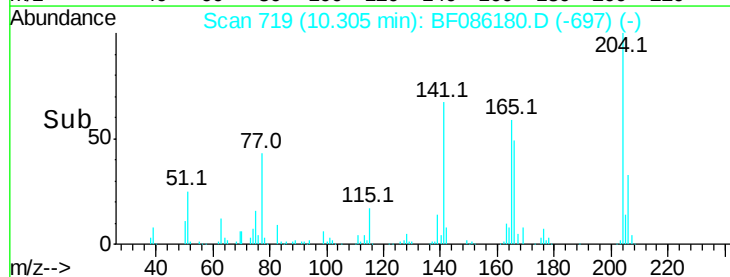
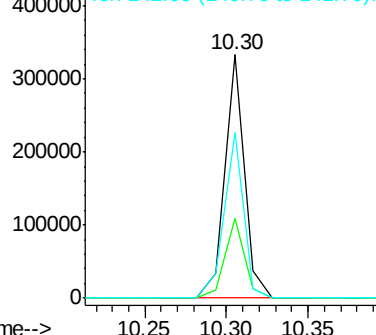
Lab File: BF086180.D

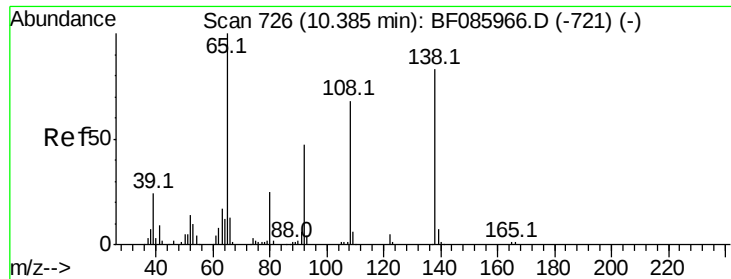
Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 277807 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.6  | 26.6  | 39.8   |
| 141       | 67.9  | 57.4  | 86.0   |



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





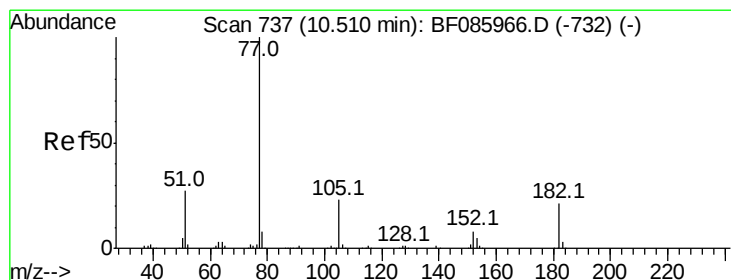
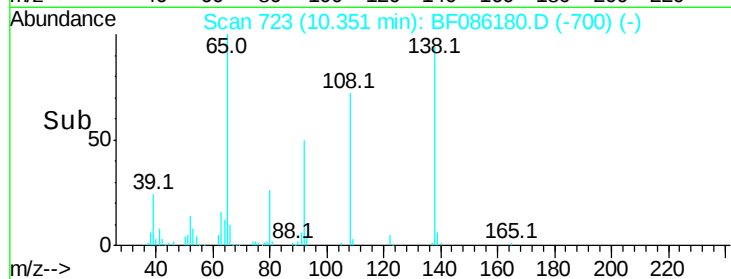
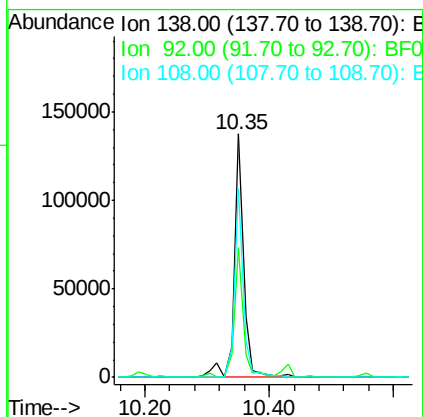
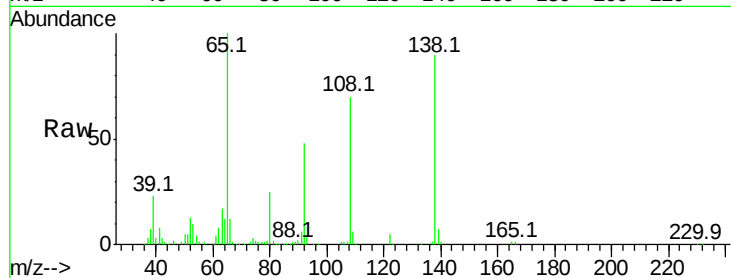
#61  
4-Nitroaniline  
Concen: 35.84 ng  
RT: 10.35 min Scan# 723  
Delta R.T. -0.03 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 53.3  | 26.4 | 66.4  |       |
| 108     | 77.6  | 49.0 | 89.0  |       |

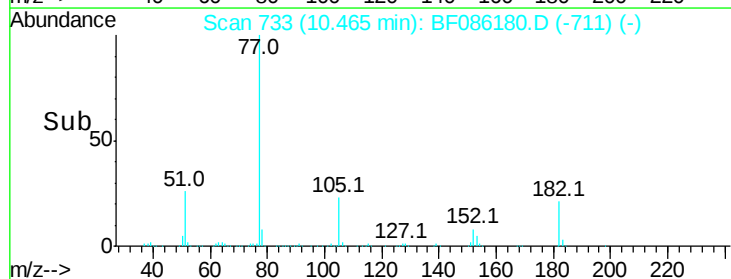
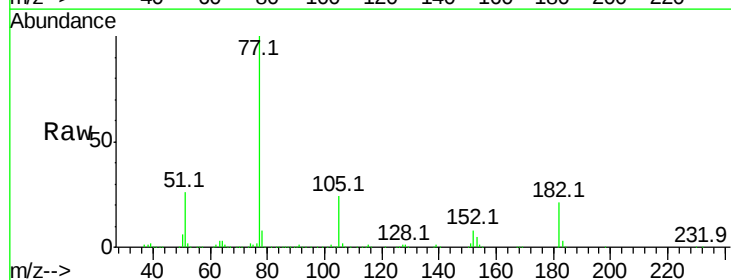
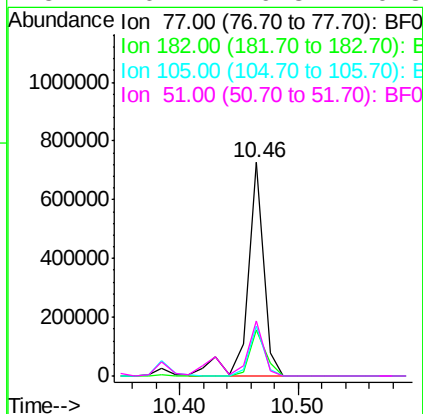
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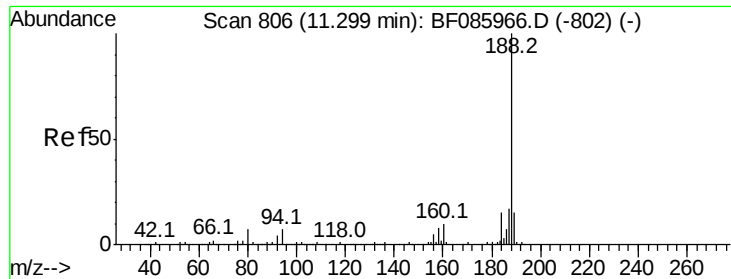
Sohil  
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#62  
Azobenzene  
Concen: 43.86 ng  
RT: 10.46 min Scan# 733  
Delta R.T. -0.05 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 182     | 21.3  | 1.9  | 41.9  |       |
| 105     | 23.5  | 3.5  | 43.5  |       |
| 51      | 26.1  | 6.3  | 46.3  |       |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.06 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

Tot Ion:188 Resp: 391877

Ion Ratio Lower Upper

188 100

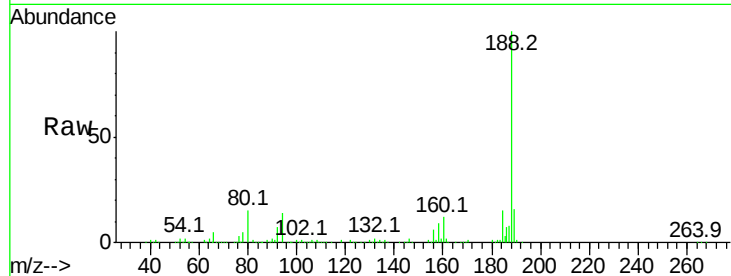
94 13.9 5.4 8.0#

80 15.0 5.5 8.3#

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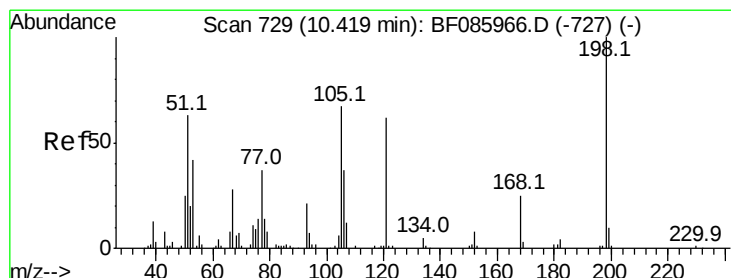
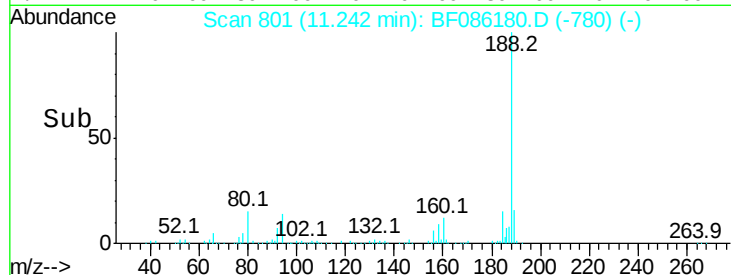
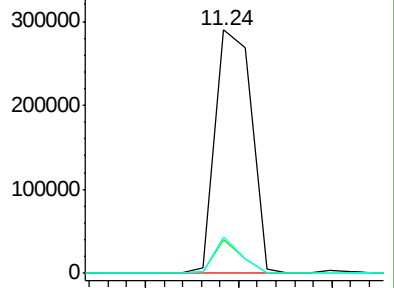
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 40.46 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

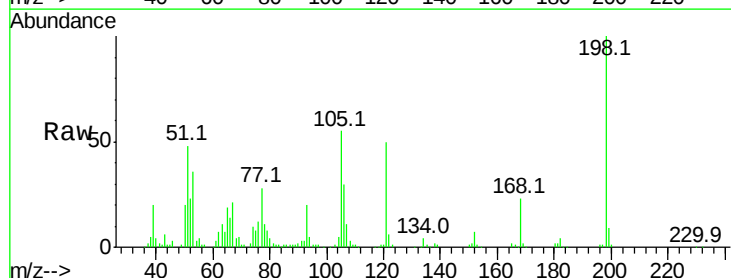
Tgt Ion:198 Resp: 96095

Ion Ratio Lower Upper

198 100

51 47.6 45.4 85.4

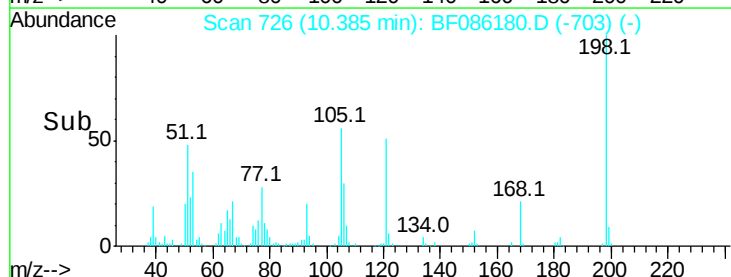
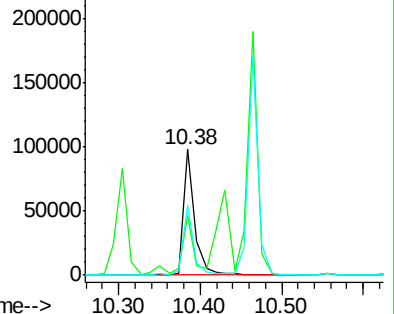
105 55.5 45.9 85.9

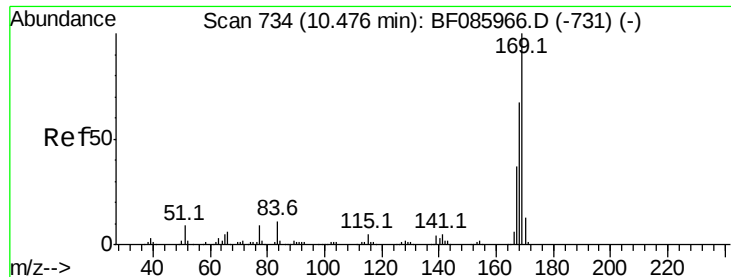


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.31 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

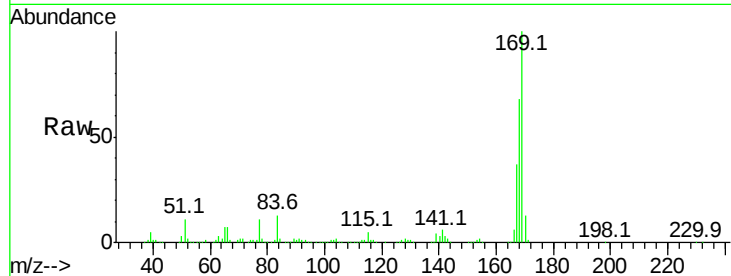
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

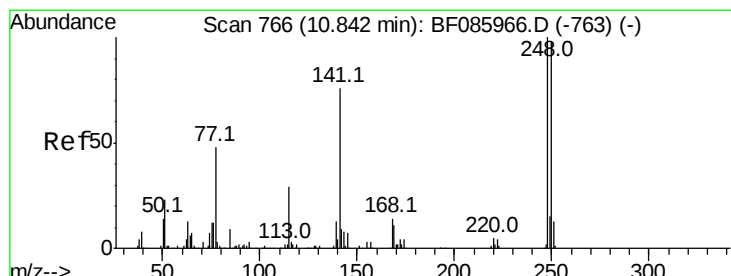
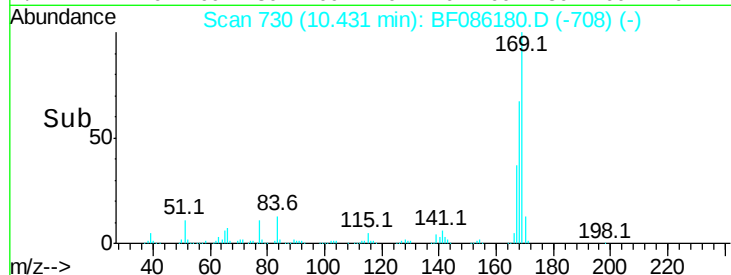
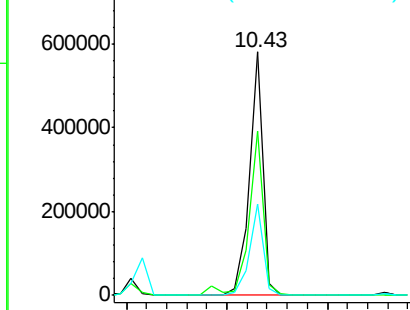
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 543030 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.6  | 54.4  | 81.6   |
| 167       | 37.3  | 29.4  | 44.0   |

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



#66

4-Bromophenyl-phenylether

Concen: 46.03 ng

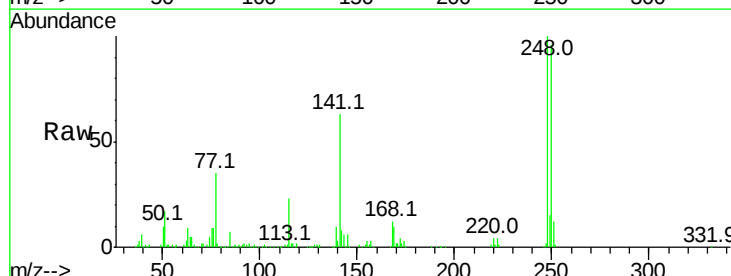
RT: 10.80 min Scan# 762

Delta R.T. -0.05 min

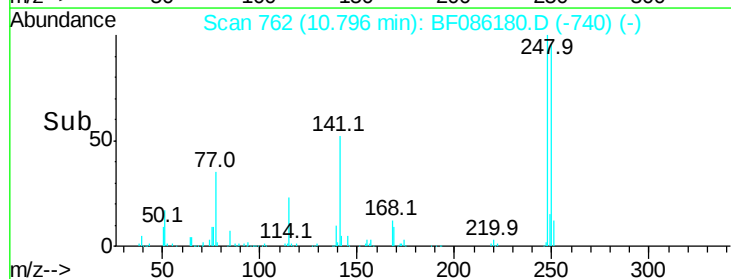
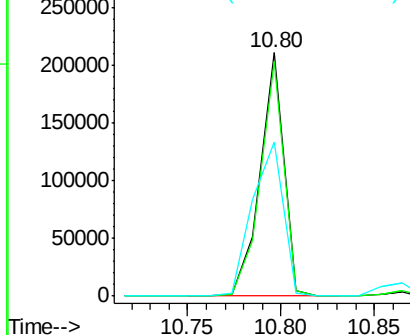
Lab File: BF086180.D

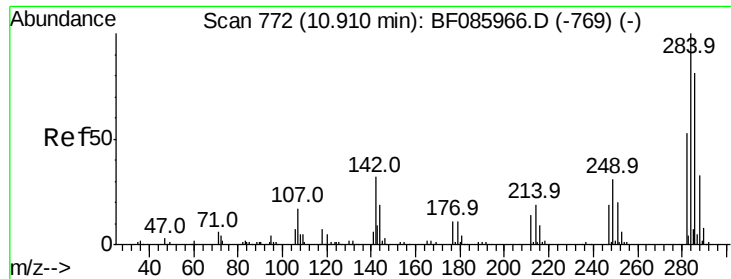
Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 184154 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.5  | 77.4  | 116.0  |
| 141       | 63.1  | 63.6  | 95.4#  |



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





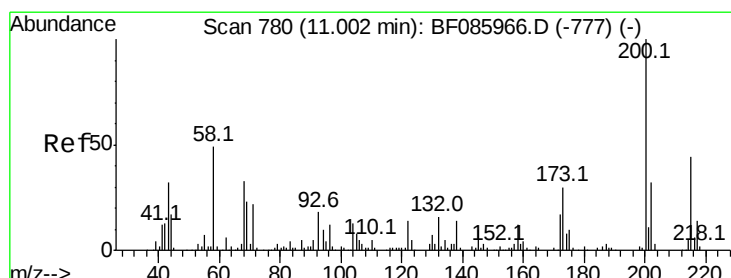
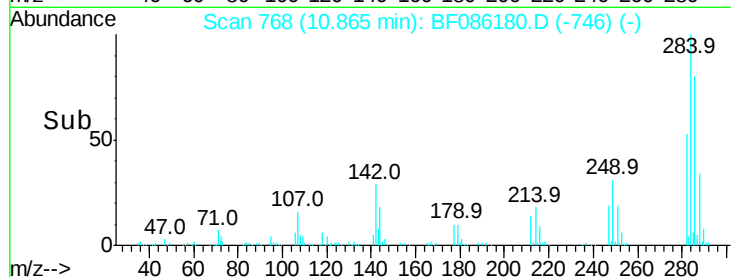
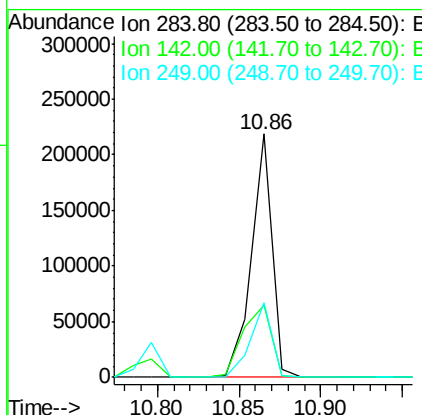
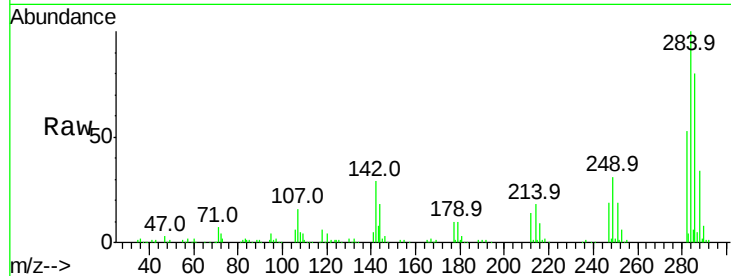
#67  
Hexachlorobenzene  
Concen: 46.46 ng  
RT: 10.86 min Scan# 768  
Delta R.T. -0.05 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 192238 |       |       |
| 142     | 29.4  | 23.1   | 34.7  |       |
| 249     | 30.5  | 24.2   | 36.2  |       |

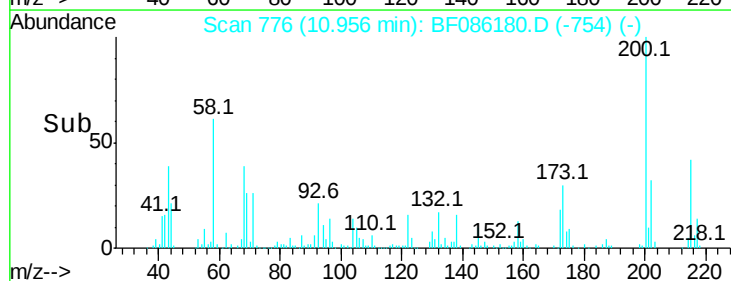
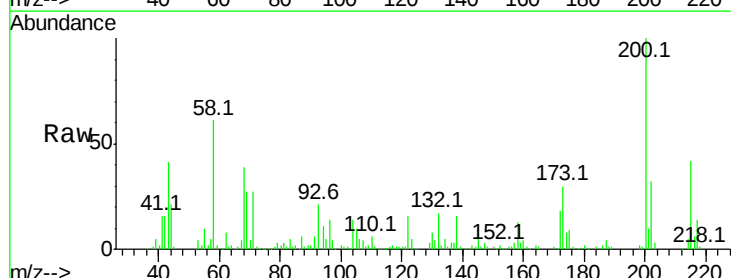
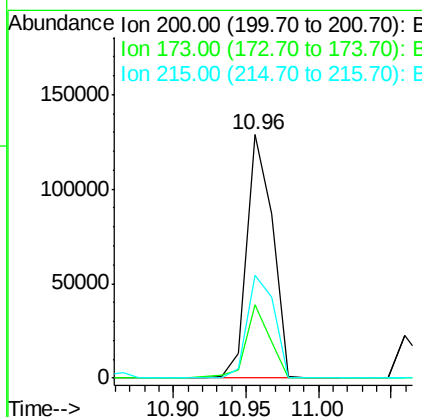
Manual Integrations  
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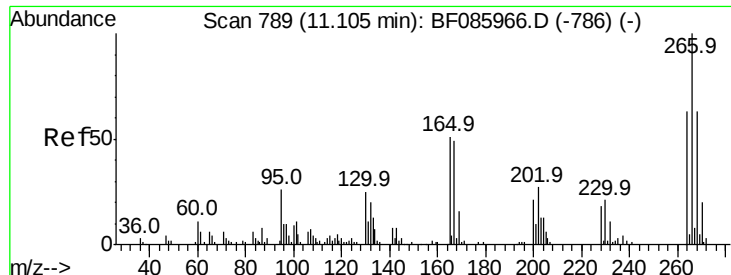
Sohil  
4/11/2016 5:45:18 PM



#68  
Atrazine  
Concen: 39.99 ng  
RT: 10.96 min Scan# 776  
Delta R.T. -0.05 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 158356 |       |       |
| 173     | 30.3  | 7.7    | 47.7  |       |
| 215     | 42.3  | 25.4   | 65.4  |       |





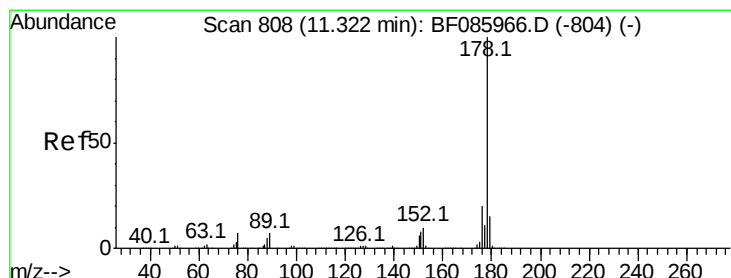
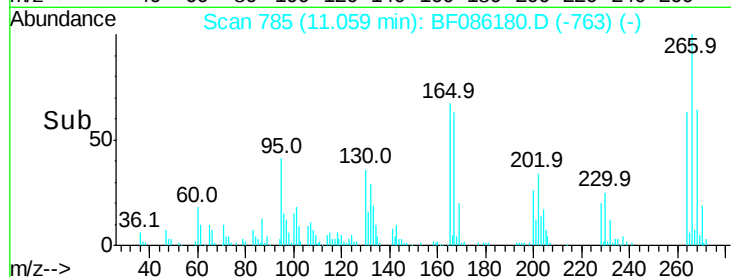
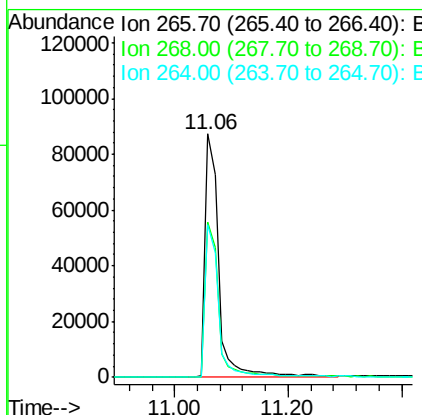
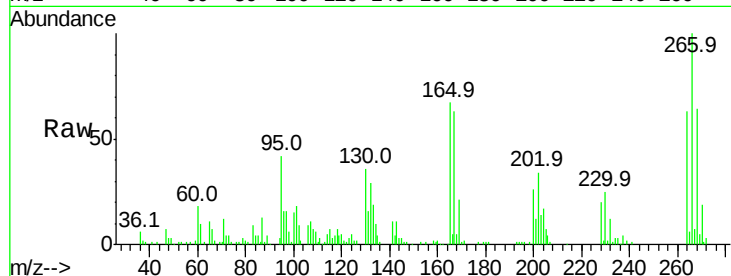
#69  
 Pentachlorophenol  
 Concen: 72.69 ng  
 RT: 11.06 min Scan# 785  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 140955 |       |       |
| 268     | 63.8  | 51.5   | 77.3  |       |
| 264     | 62.9  | 50.6   | 76.0  |       |

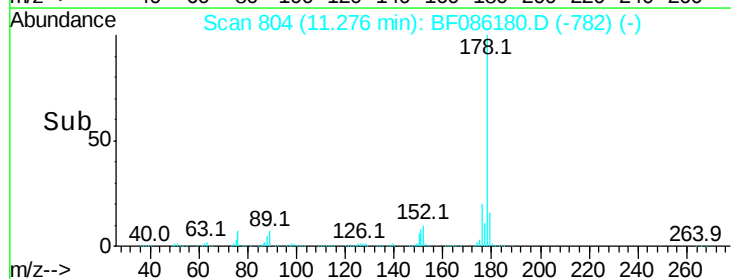
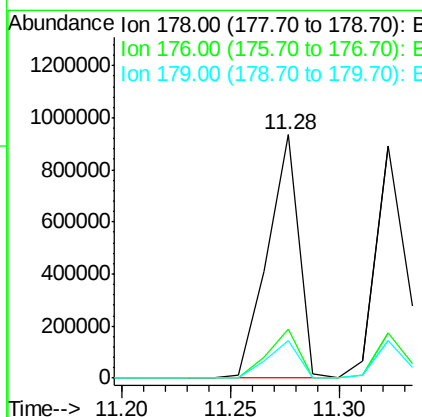
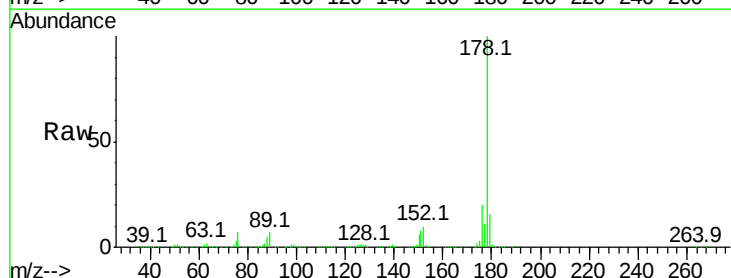
Manual Integrations  
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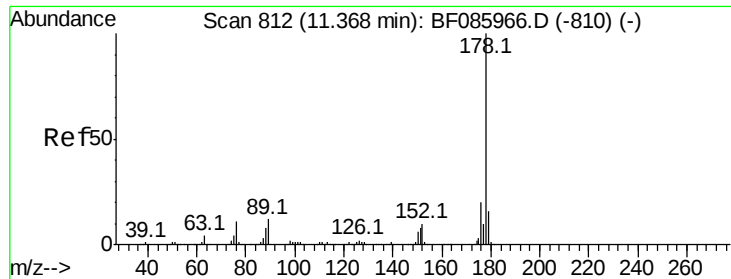
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#70  
 Phenanthrene  
 Concen: 44.11 ng  
 RT: 11.28 min Scan# 804  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 943059 |       |       |
| 176     | 20.1  | 16.3   | 24.5  |       |
| 179     | 15.5  | 12.6   | 18.8  |       |





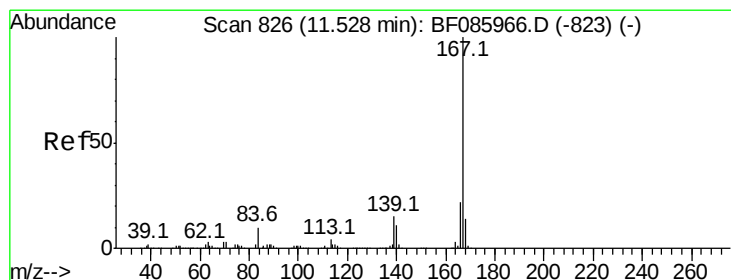
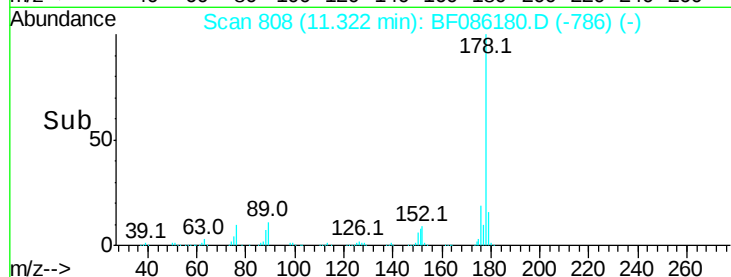
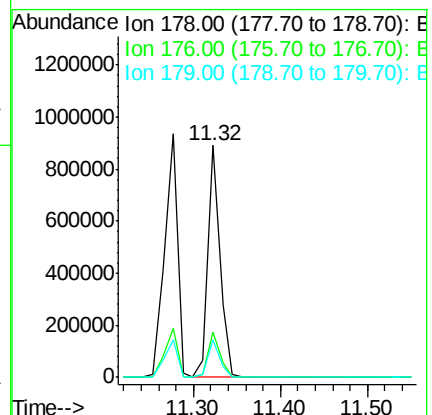
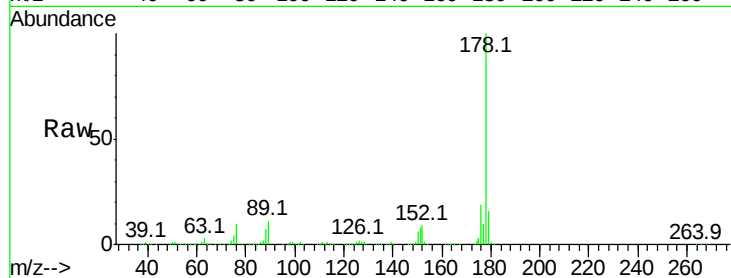
#71  
 Anthracene  
 Concen: 38.42 ng  
 RT: 11.32 min Scan# 808  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.9  | 23.9  |
| 179     | 16.0  | 13.0  | 19.4  |

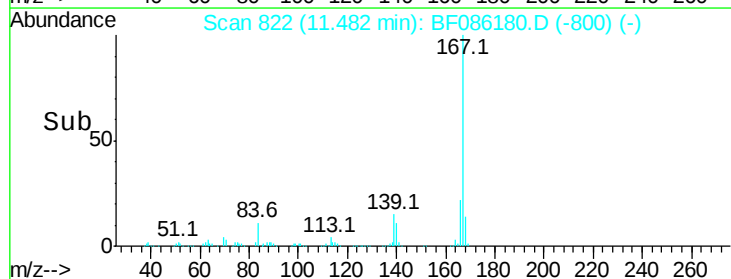
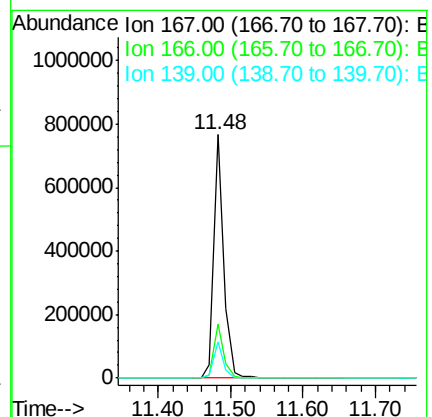
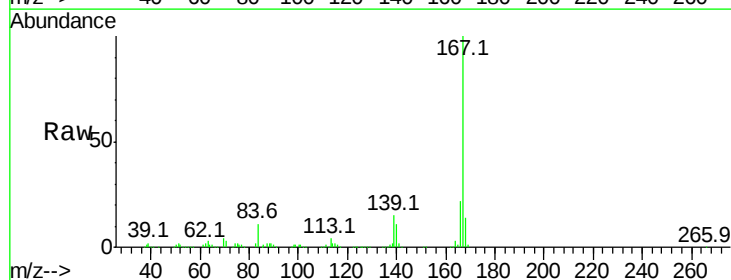
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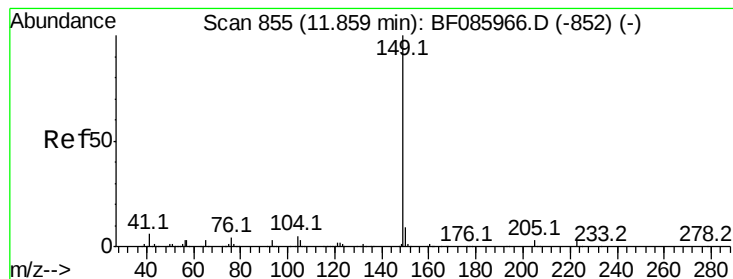
Sohil  
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#72  
 Carbazole  
 Concen: 38.03 ng  
 RT: 11.48 min Scan# 822  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 17.8  | 26.8  |
| 139     | 15.1  | 11.6  | 17.4  |





#73

Di-n-butylphthalate

Concen: 43.58 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

Tot Ion:149 Resp: 1039431

Ion Ratio Lower Upper

149 100

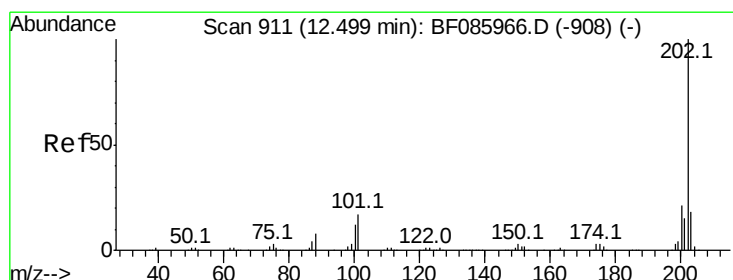
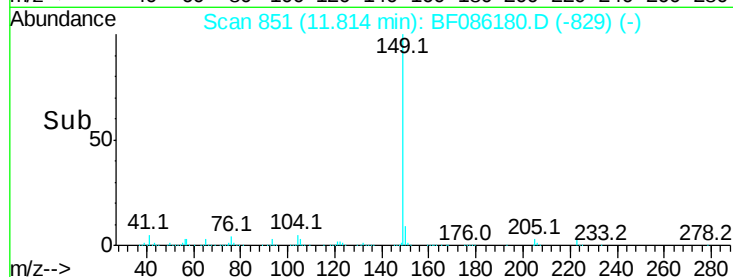
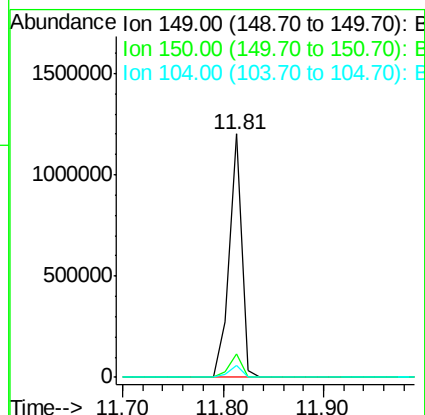
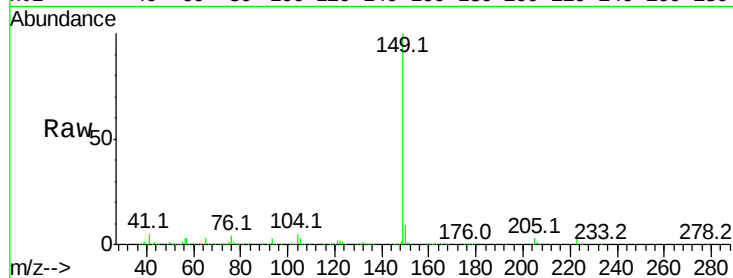
150 9.4 7.6 11.4

104 4.9 3.8 5.8

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#74

Fluoranthene

Concen: 37.88 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

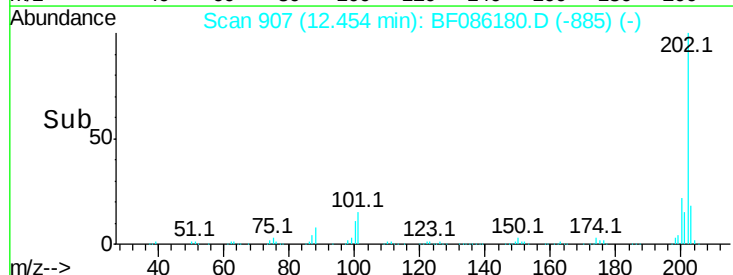
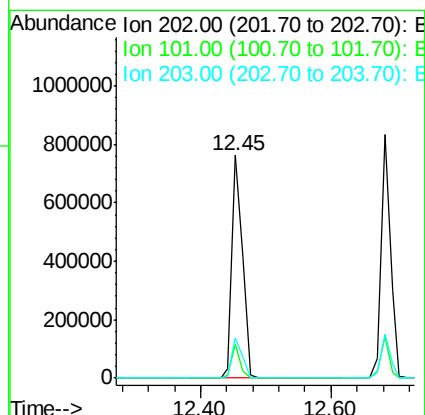
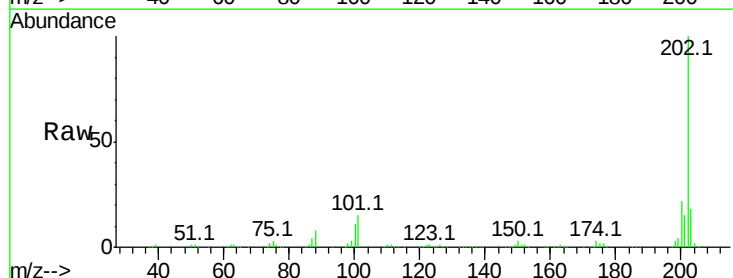
Tgt Ion:202 Resp: 842379

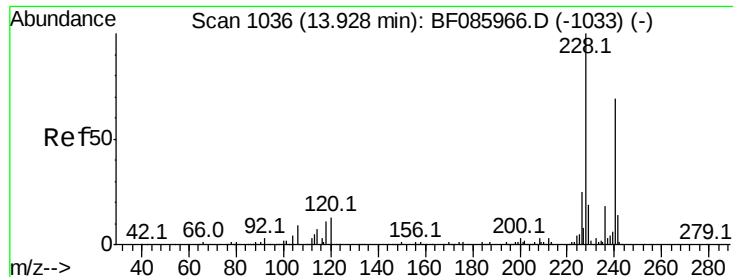
Ion Ratio Lower Upper

202 100

101 15.3 0.0 36.6

203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

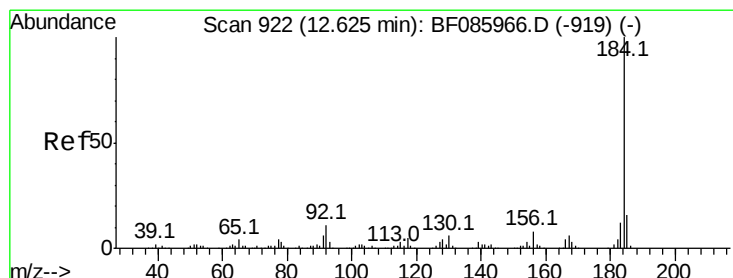
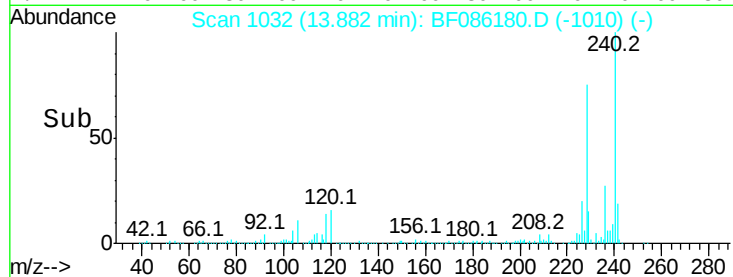
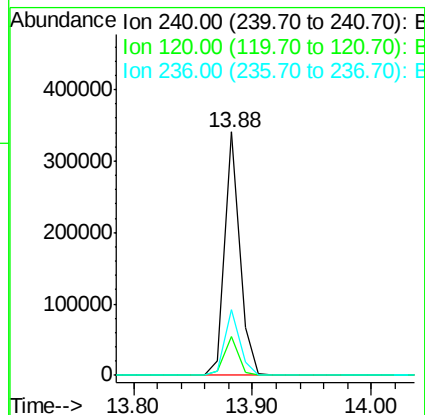
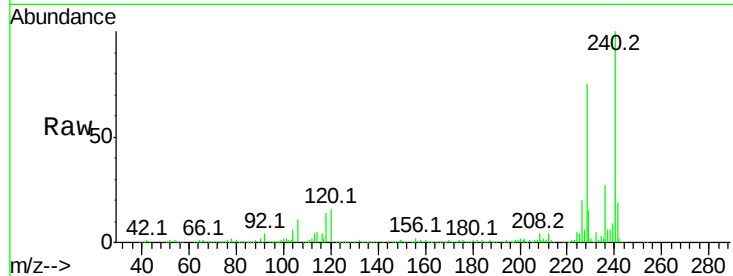
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 297319 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 15.7  | 13.8  | 20.8   |
| 236       | 26.7  | 20.6  | 30.8   |

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#76

Benzidine

Concen: 27.19 ng

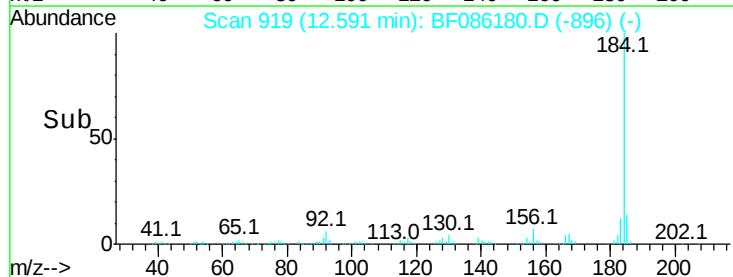
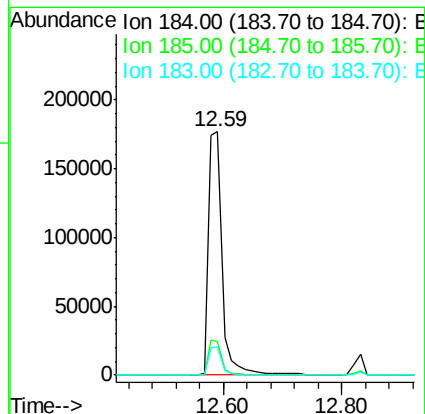
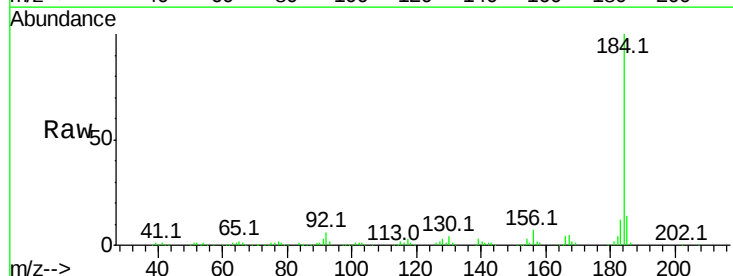
RT: 12.59 min Scan# 919

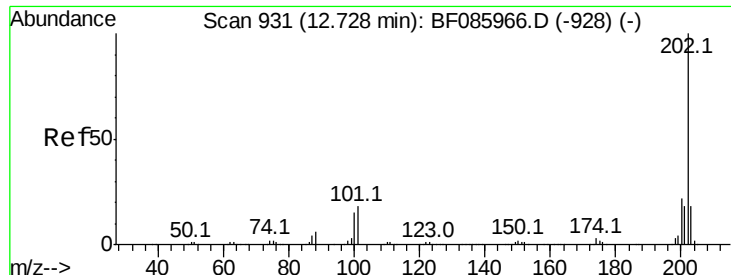
Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 285200 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.9  | 12.4  | 18.6   |
| 183       | 11.5  | 9.4   | 14.2   |





#77

Pvrene

Concen: 39.72 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

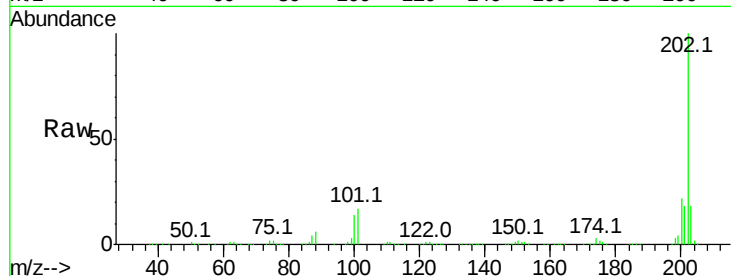
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

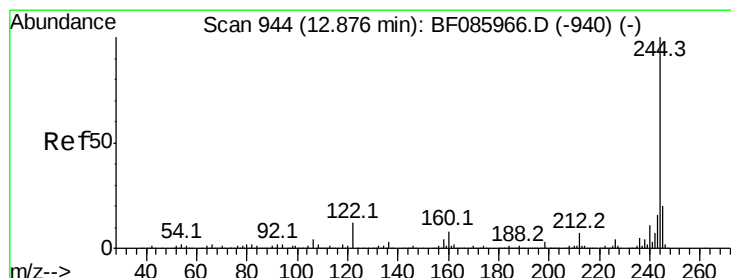
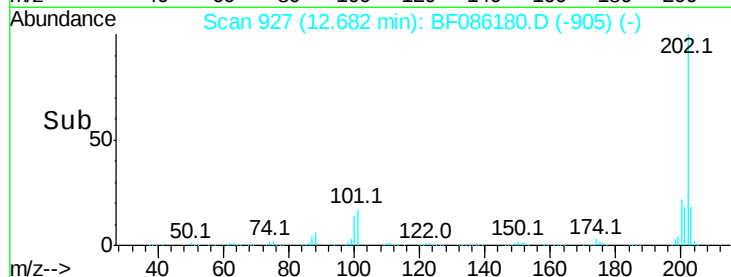
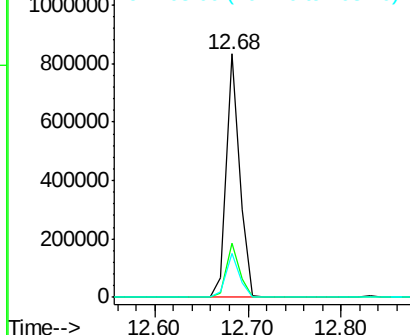
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 832171 |       |       |
| 200     | 22.2  | 17.6   | 26.4  |       |
| 203     | 18.2  | 14.0   | 21.0  |       |

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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: 82.22 ng

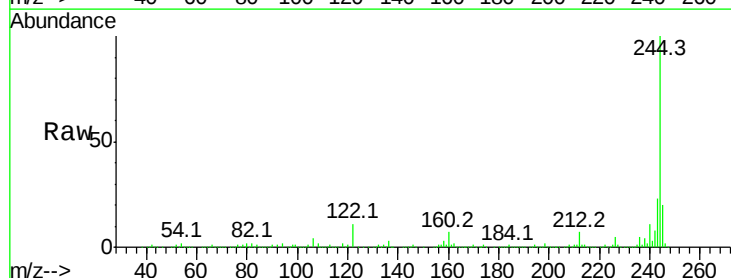
RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

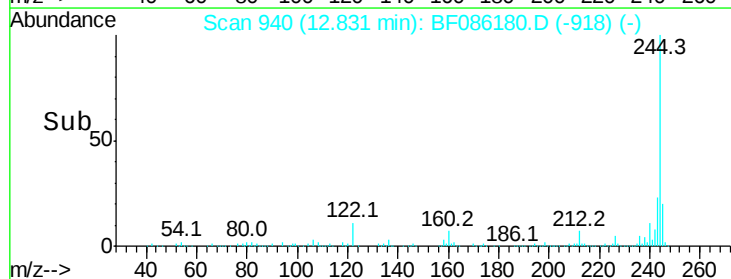
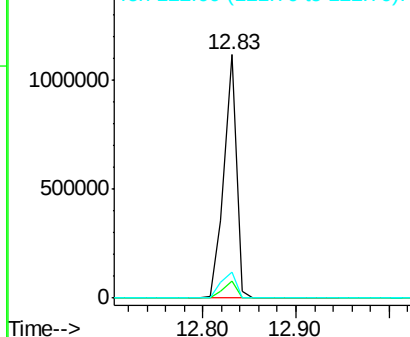
Lab File: BF086180.D

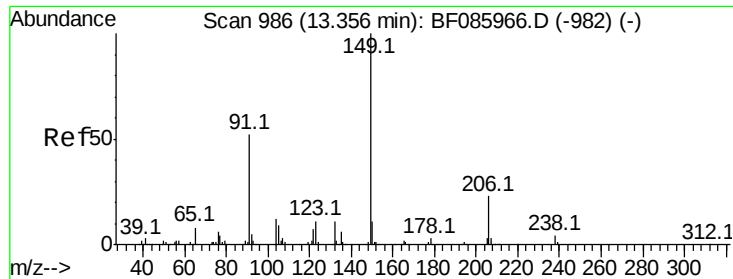
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 244     | 100   | 1039993 |       |       |
| 212     | 7.2   | 6.1     | 9.1   |       |
| 122     | 10.5  | 10.2    | 15.4  |       |



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





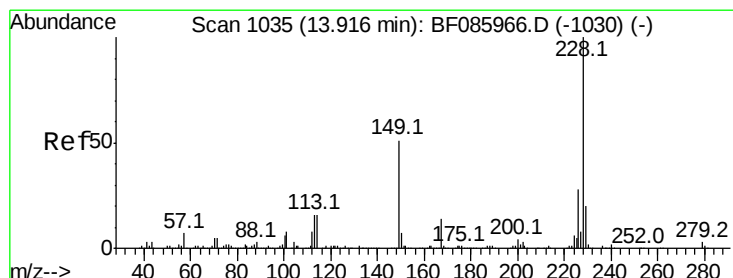
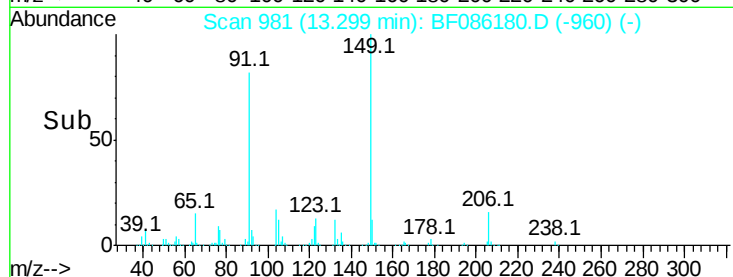
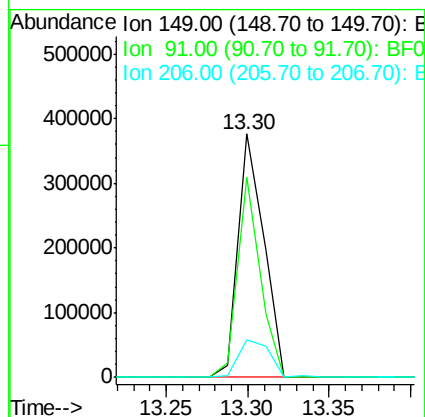
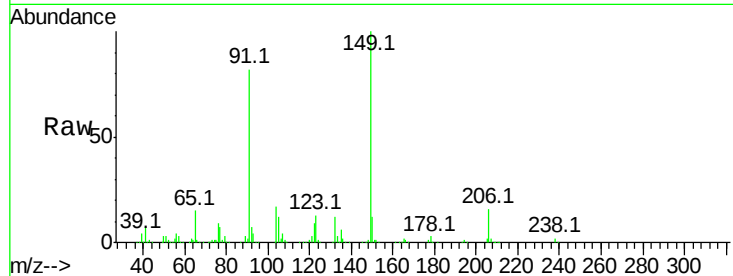
#79  
Butylbenzylphthalate  
Concen: 43.19 ng  
RT: 13.30 min Scan# 981  
Delta R.T. -0.06 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 91      | 82.2  | 45.8 | 68.8# |       |
| 206     | 15.6  | 17.8 | 26.8# |       |

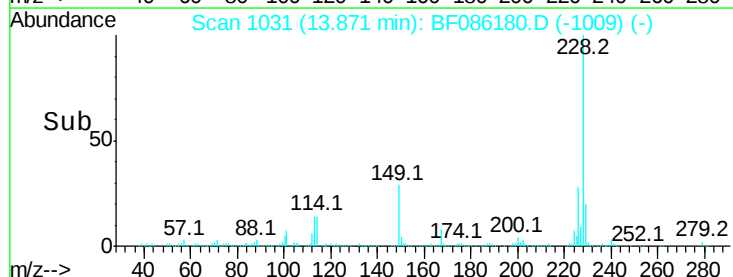
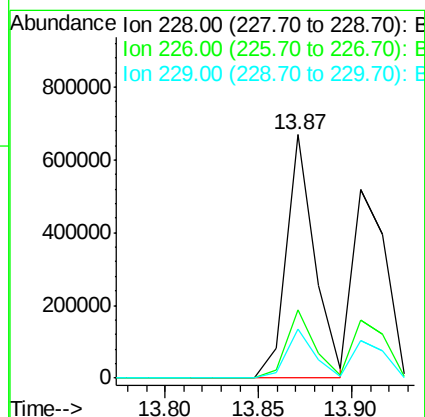
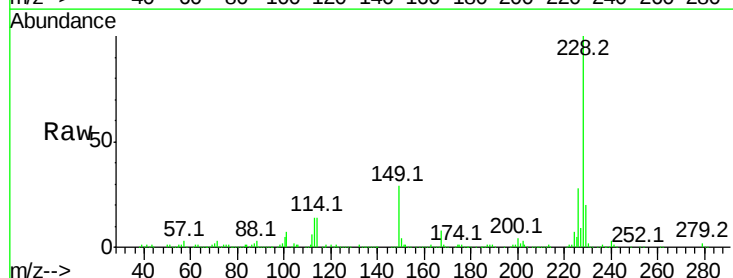
Manual Integrations  
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#80  
Benzo(a)anthracene  
Concen: 40.36 ng  
RT: 13.87 min Scan# 1031  
Delta R.T. -0.05 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 28.2  | 22.1 | 33.1  |       |
| 229     | 19.9  | 16.2 | 24.4  |       |





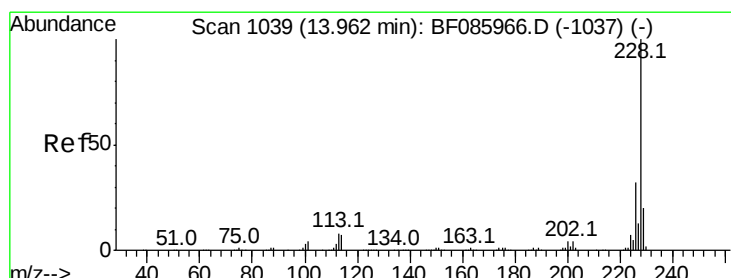
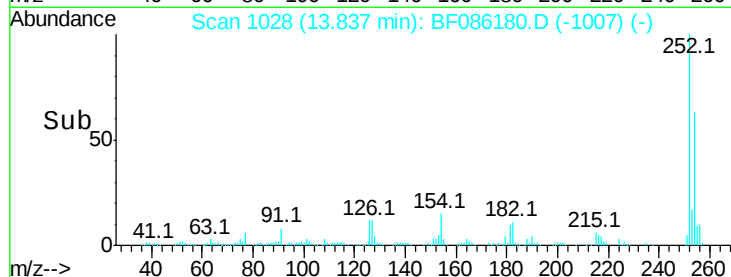
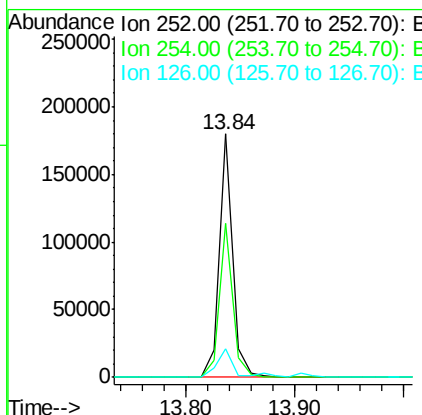
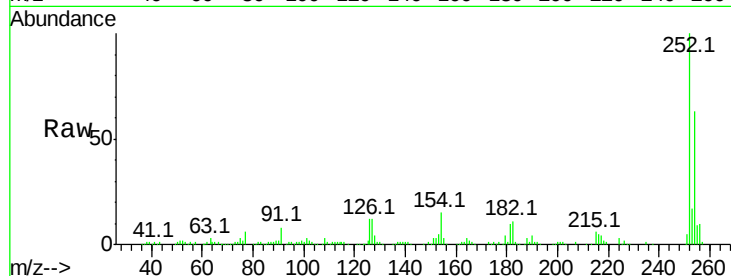
#81  
 3,3'-Dichlorobenzidine  
 Concen: 12.23 ng  
 RT: 13.84 min Scan# 1028  
 Delta R.T. -0.06 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 252     | 100   |      |       |       |
| 254     | 63.2  | 50.7 | 76.1  |       |
| 126     | 11.7  | 11.8 | 17.6  |       |

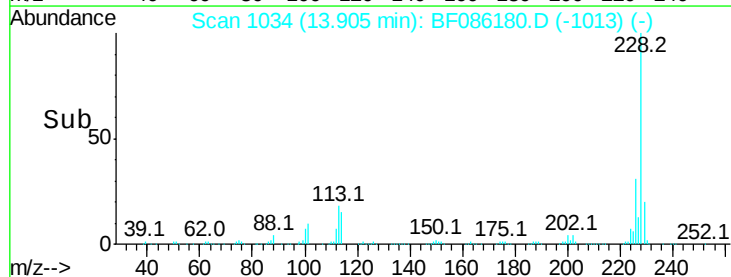
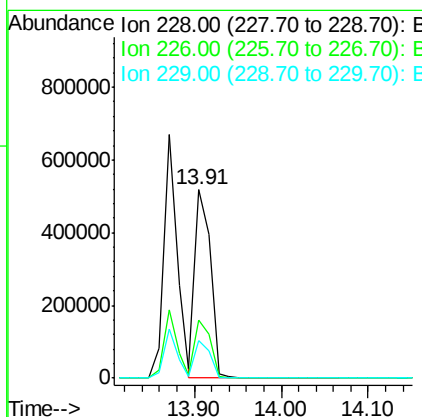
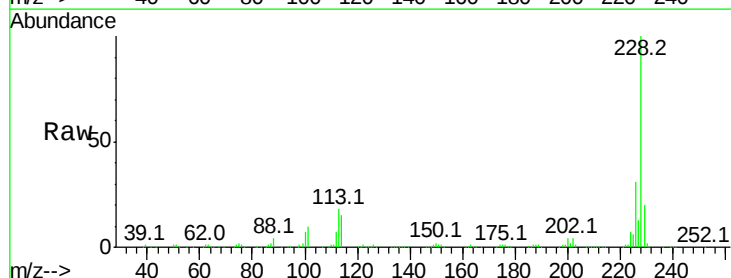
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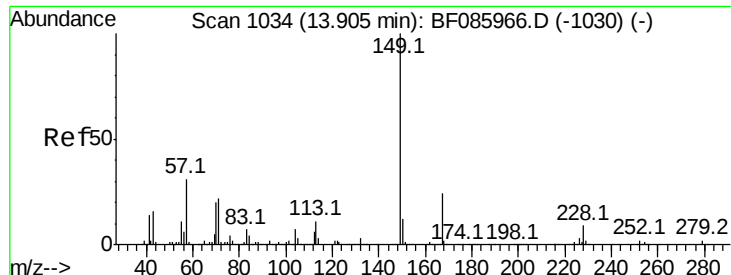
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#82  
 Chrysene  
 Concen: 37.96 ng  
 RT: 13.91 min Scan# 1034  
 Delta R.T. -0.06 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 31.1  | 25.0 | 37.6  |       |
| 229     | 20.1  | 15.7 | 23.5  |       |





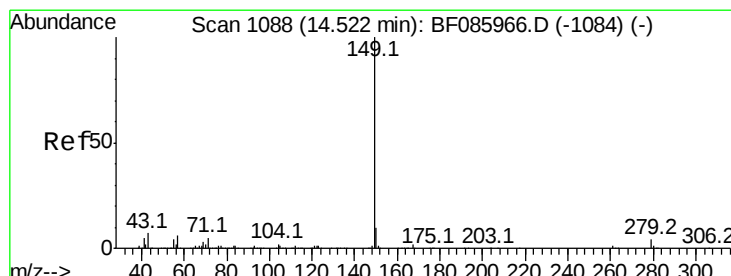
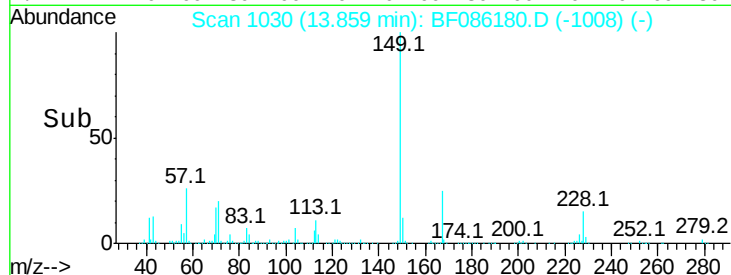
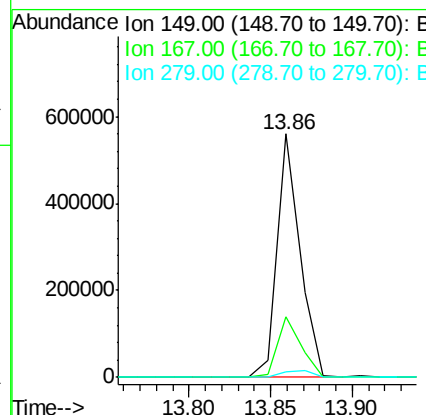
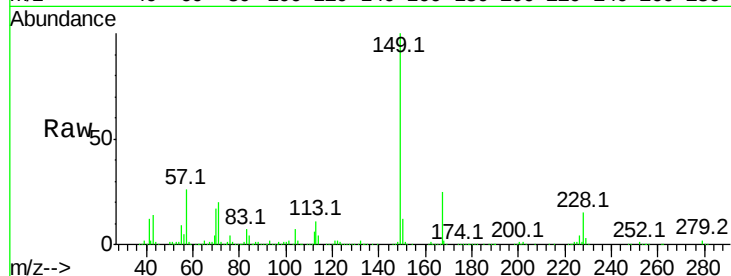
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.85 ng  
 RT: 13.86 min Scan# 1030  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 549070 |       |       |
| 167     | 24.7  | 19.4   | 29.2  |       |
| 279     | 2.3   | 1.5    | 2.3#  |       |

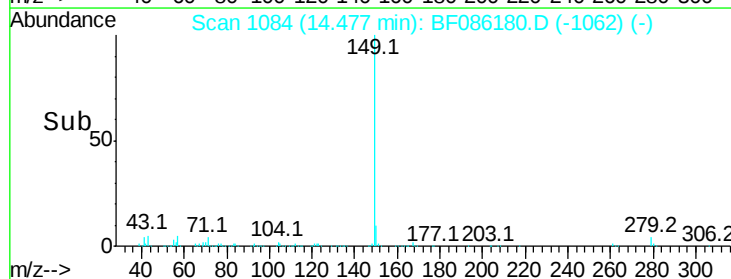
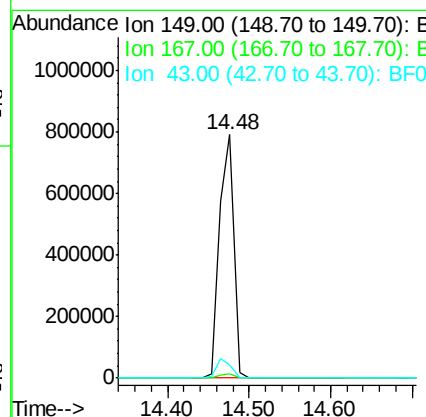
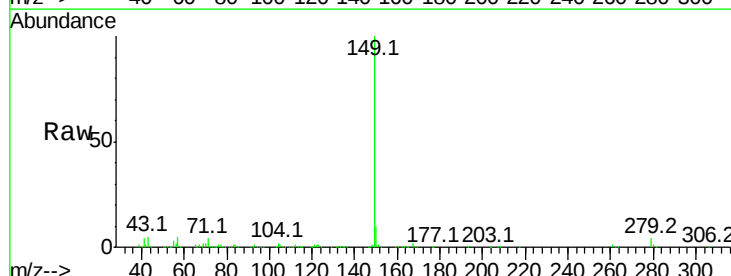
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#84  
 Di-n-octyl phthalate  
 Concen: 48.34 ng  
 RT: 14.48 min Scan# 1084  
 Delta R.T. -0.05 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 966540 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 8.0   | 7.1    | 10.7  |       |





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.84 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.08 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

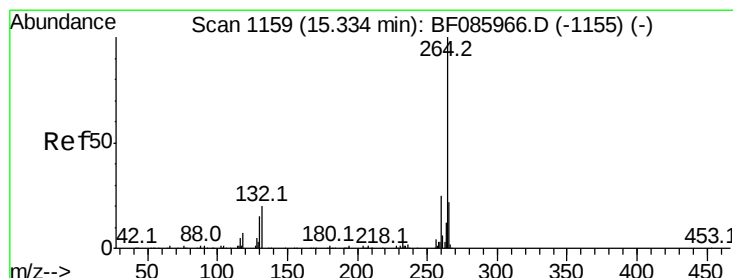
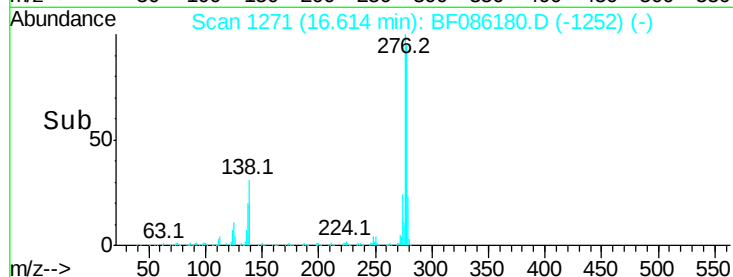
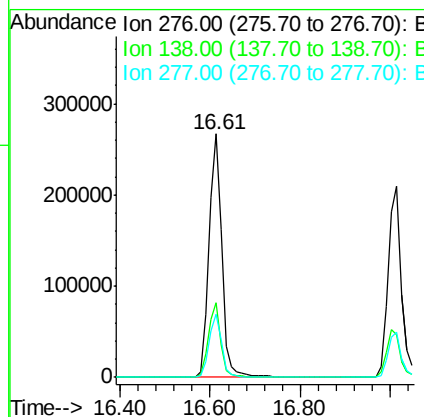
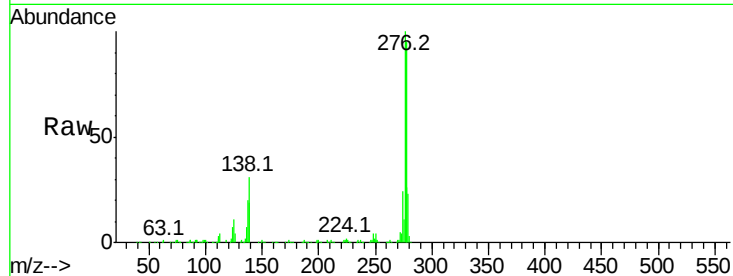
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 532026 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 29.2  | 24.2  | 36.4   |
| 277       | 25.4  | 20.0  | 30.0   |

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#86

Perylene-d12

Concen: 20.00 ng

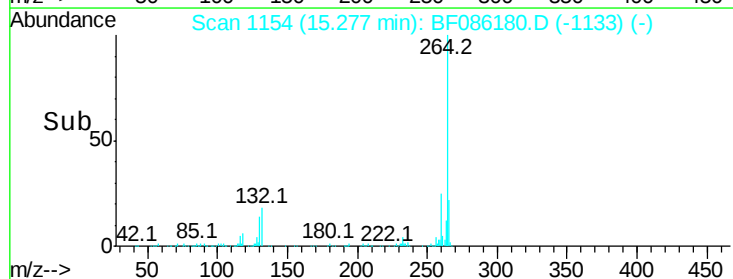
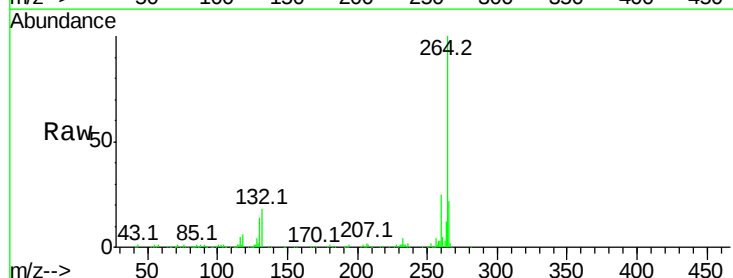
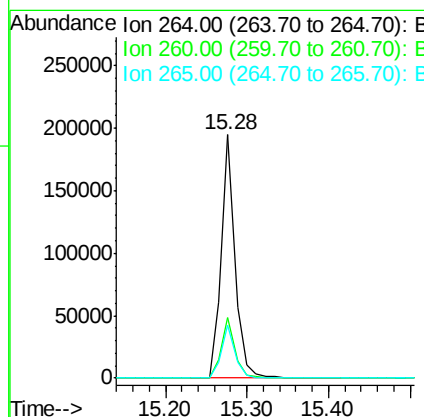
RT: 15.28 min Scan# 1154

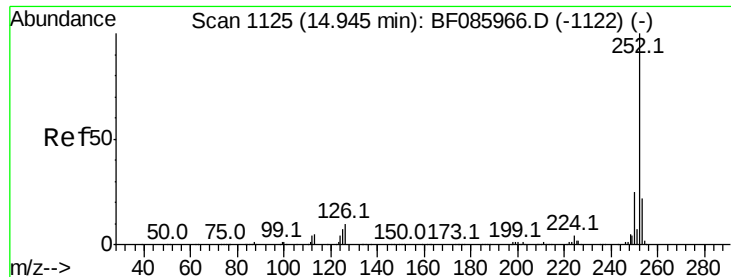
Delta R.T. -0.06 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 228067 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.6  | 19.4  | 29.2   |
| 265       | 21.5  | 17.2  | 25.8   |





#87

Benzo(b)fluoranthene

Concen: 42.01 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA\_F

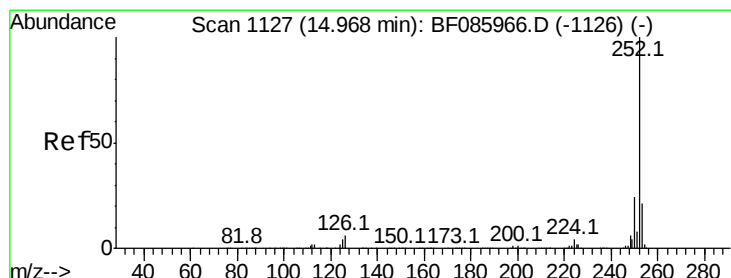
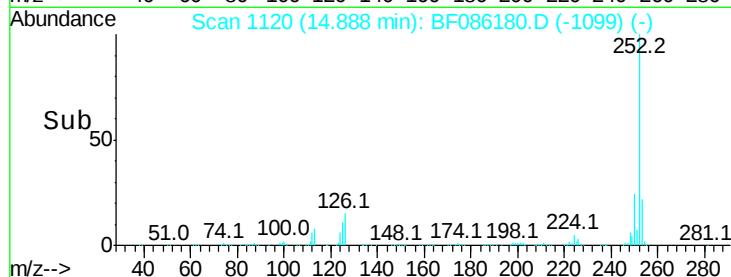
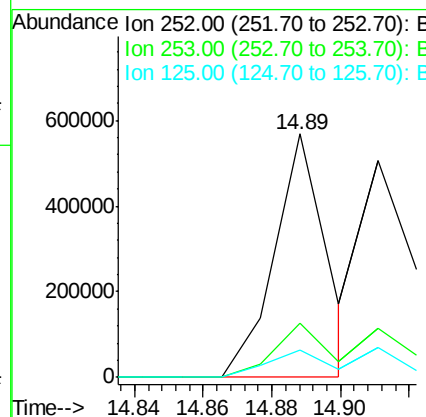
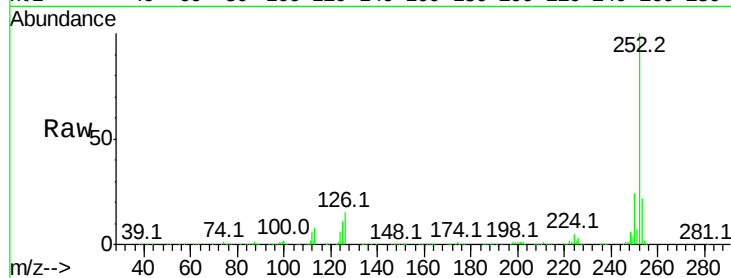
ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.6  | 26.4  |
| 125     | 11.3  | 10.3  | 15.5  |

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#88

Benzo(k)fluoranthene

Concen: 42.83 ng m

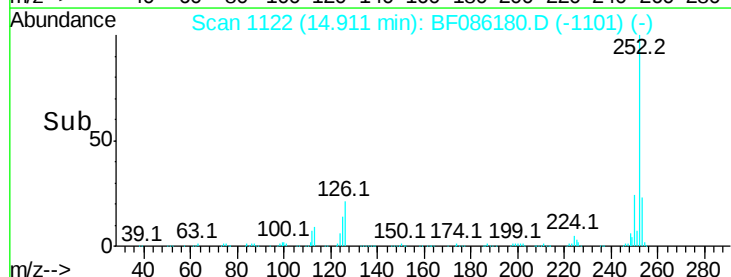
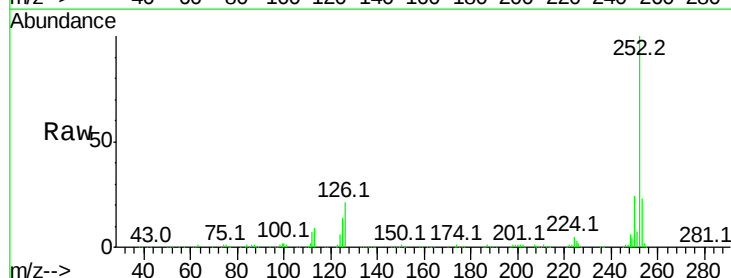
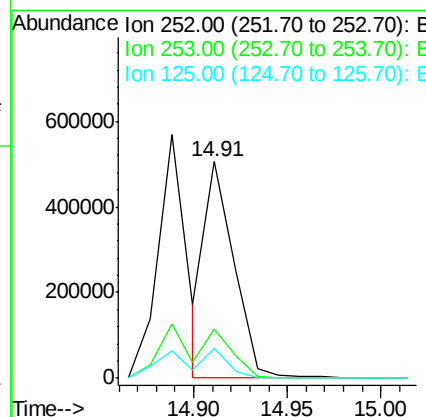
RT: 14.91 min Scan# 1122

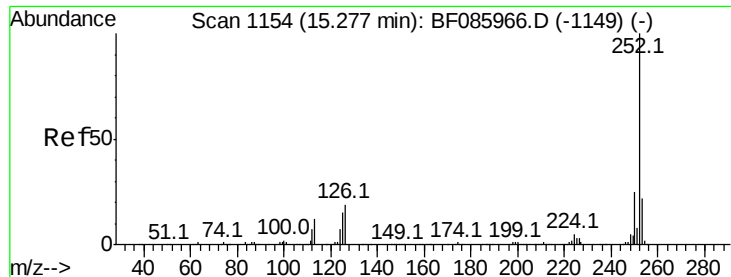
Delta R.T. -0.06 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.8  | 26.6  |
| 125     | 13.6  | 7.7   | 11.5# |





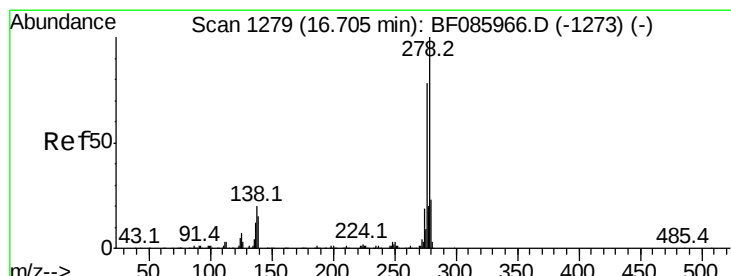
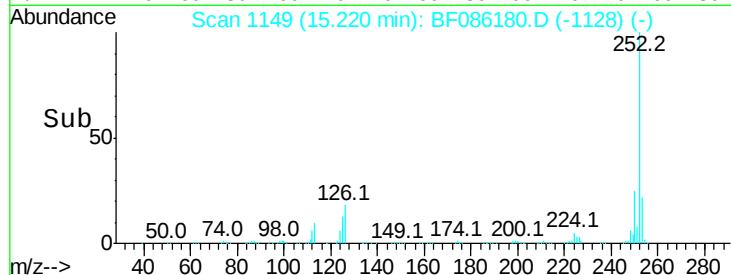
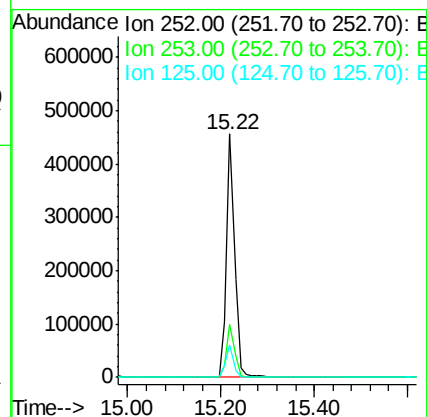
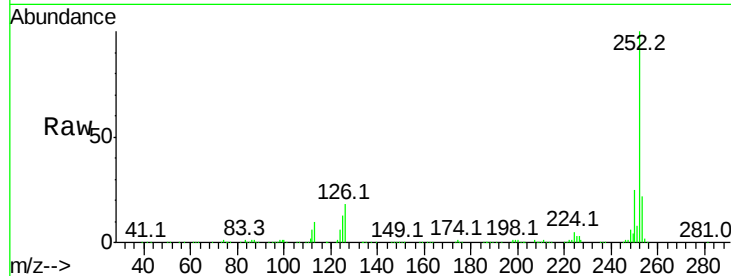
#89  
Benzo(a)pyrene  
Concen: 42.83 ng  
RT: 15.22 min Scan# 1149  
Delta R.T. -0.06 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.4  | 26.0  |
| 125     | 13.3  | 10.3  | 15.5  |

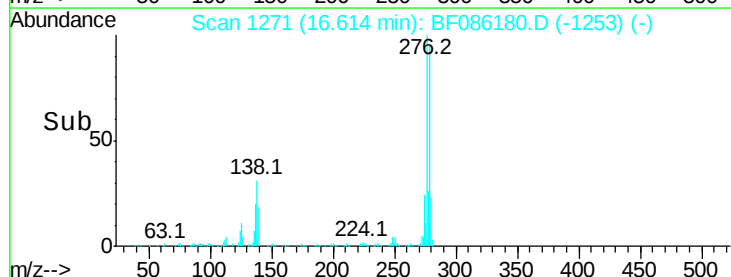
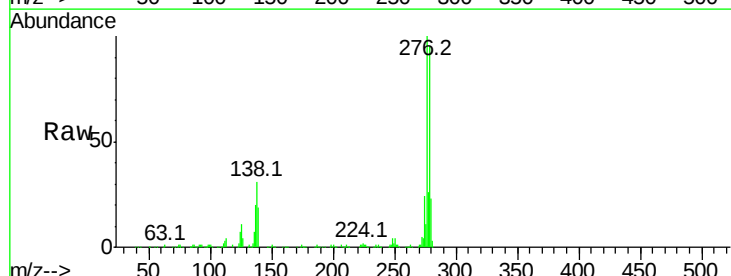
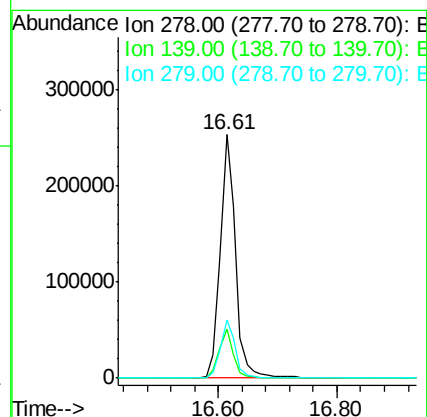
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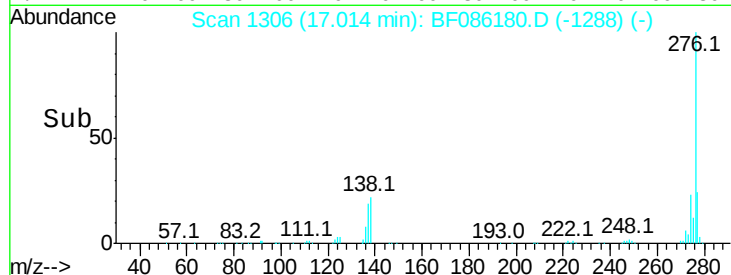
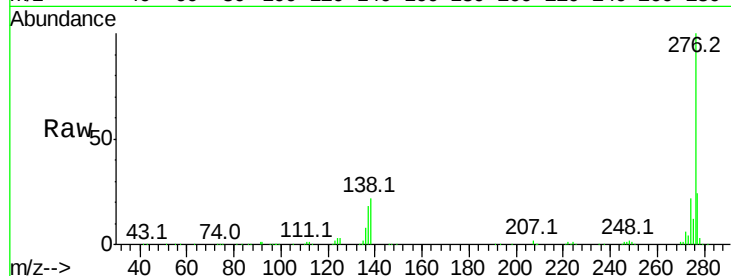
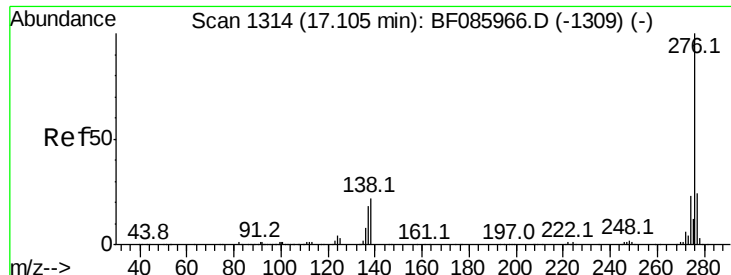
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#90  
Dibenzo(a,h)anthracene  
Concen: 43.92 ng  
RT: 16.61 min Scan# 1271  
Delta R.T. -0.09 min  
Lab File: BF086180.D  
Acq: 8 Apr 2016 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.0  | 14.4  | 21.6  |
| 279     | 23.8  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 44.86 ng  
 RT: 17.01 min Scan# 1306  
 Delta R.T. -0.09 min  
 Lab File: BF086180.D  
 Acq: 8 Apr 2016 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMBOY-SB-08(0.5-20.0)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 277     | 23.8  |      | 18.8  | 28.2  |
| 138     | 22.2  |      | 22.6  | 34.0  |

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