

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030216\  
 Data File : BF085124.D  
 Acq On : 2 Mar 2016 17:30  
 Operator : SJ/IZ  
 Sample : H1620-06MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

Manual Integrations  
 APPROVED

UMANGI  
 3/3/2016 2:05:34 PM

Quant Time: Mar 03 12:50:55 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 02 13:25:39 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.00  | 152  | 168251   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.28  | 136  | 650588   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.04 | 164  | 307463   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.52 | 188  | 511959   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.16 | 240  | 346338   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.64 | 264  | 400640   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 714974  | 68.99  | ng | 0.01 |
| 7) Phenol-d6             | 6.62  | 99  | 577281  | 42.49  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.56  | 82  | 1250762 | 102.28 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.82 | 330 | 446885  | 144.63 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.36  | 172 | 2106064 | 100.88 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.10 | 244 | 1275954 | 86.42  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.73 | 88  | 88760   | 17.28 | ng | 97     |
| 3) Pyridine                    | 3.53 | 79  | 188308  | 14.29 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.44 | 42  | 112100  | 18.69 | ng | 96     |
| 6) Aniline                     | 6.65 | 93  | 278985  | 14.47 | ng | 98     |
| 8) 2-Chlorophenol              | 6.78 | 128 | 501116  | 41.95 | ng | 96     |
| 9) Benzaldehyde                | 6.54 | 77  | 69371   | 7.47  | ng | 99     |
| 10) Phenol                     | 6.63 | 94  | 241837  | 15.91 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.72 | 93  | 533783  | 44.29 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.94 | 146 | 587179  | 45.76 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.01 | 146 | 548243  | 41.92 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.17 | 146 | 568066  | 49.34 | ng | 98     |
| 15) Benzyl Alcohol             | 7.13 | 79  | 355417  | 35.89 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.27 | 45  | 810031  | 45.61 | ng | 100    |
| 17) 2-Methylphenol             | 7.25 | 107 | 335152  | 33.49 | ng | 96     |
| 18) Hexachloroethane           | 7.51 | 117 | 215319  | 44.54 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70  | 417642  | 46.65 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.40 | 107 | 354969  | 29.68 | ng | # 74   |
| 22) Acetophenone               | 7.41 | 105 | 822060  | 50.23 | ng | # 90   |
| 24) Nitrobenzene               | 7.58 | 77  | 706792  | 55.72 | ng | 96     |
| 25) Isophorone                 | 7.82 | 82  | 1203436 | 51.45 | ng | 98     |
| 26) 2-Nitrophenol              | 7.90 | 139 | 291157  | 51.33 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.93 | 122 | 483961  | 44.02 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.02 | 93  | 708636  | 54.93 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.14 | 162 | 452797  | 50.06 | ng | 88     |
| 30) 1,2,4-Trichlorobenzene     | 8.22 | 180 | 478755  | 48.56 | ng | 99     |
| 31) Naphthalene                | 8.30 | 128 | 1486939 | 45.19 | ng | 100    |
| 32) Benzoic acid               | 8.00 | 122 | 91499   | 23.05 | ng | 98     |
| 33) 4-Chloroaniline            | 8.34 | 127 | 162689  | 12.51 | ng | 94     |
| 34) Hexachlorobutadiene        | 8.42 | 225 | 279459  | 48.86 | ng | 98     |
| 35) Caprolactam                | 8.72 | 113 | 20242   | 7.13  | ng | # 81   |
| 36) 4-Chloro-3-methylphenol    | 8.82 | 107 | 450979  | 45.09 | ng | 90     |
| 37) 2-Methylnaphthalene        | 9.00 | 142 | 1109226 | 55.15 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.16 | 216 | 435092  | 45.95 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.14 | 237 | 437093  | 81.08 | ng | 100    |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.27  | 196  | 331416m  | 51.99  | ng    |          |
| 43) 2,4,5-Trichlorophenol      | 9.30  | 196  | 329507m  | 53.94  | ng    |          |
| 45) 1,1'-Biphenyl              | 9.45  | 154  | 1242146  | 45.51  | ng    | 95       |
| 46) 2-Chloronaphthalene        | 9.49  | 162  | 1032270  | 51.86  | ng    | 98       |
| 47) 2-Nitroaniline             | 9.58  | 65   | 316596   | 50.66  | ng    | 99       |
| 48) Acenaphthylene             | 9.90  | 152  | 1412820  | 47.76  | ng    | 99       |
| 49) Dimethylphthalate          | 9.76  | 163  | 1283840  | 56.32  | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.82  | 165  | 265741   | 56.21  | ng    | 93       |
| 51) Acenaphthene               | 10.07 | 154  | 1018869  | 54.86  | ng    | 98       |
| 52) 3-Nitroaniline             | 9.98  | 138  | 62022    | 11.04  | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 10.09 | 184  | 230397   | 89.83  | ng    | # 1      |
| 54) Dibenzofuran               | 10.24 | 168  | 1257362  | 52.15  | ng    | 99       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 140183   | 32.53  | ng    | 86       |
| 56) 2,4-Dinitrotoluene         | 10.22 | 165  | 326151   | 51.20  | ng    | 96       |
| 57) Fluorene                   | 10.58 | 166  | 966423   | 50.97  | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.36 | 232  | 256403   | 55.41  | ng    | 100      |
| 59) Diethylphthalate           | 10.46 | 149  | 1149445  | 52.61  | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.57 | 204  | 487260   | 49.86  | ng    | 99       |
| 61) 4-Nitroaniline             | 10.60 | 138  | 199109   | 37.83  | ng    | 87       |
| 62) Azobenzene                 | 10.73 | 77   | 1173252  | 53.15  | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.63 | 198  | 159715   | 51.33  | ng    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.70 | 169  | 925194   | 57.34  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.06 | 248  | 301892   | 56.16  | ng    | 97       |
| 67) Hexachlorobenzene          | 11.13 | 284  | 326991   | 53.88  | ng    | 97       |
| 68) Atrazine                   | 11.22 | 200  | 291767   | 59.27  | ng    | 95       |
| 69) Pentachlorophenol          | 11.33 | 266  | 384196   | 107.89 | ng    | 99       |
| 70) Phenanthrene               | 11.54 | 178  | 1293587  | 50.80  | ng    | 99       |
| 71) Anthracene                 | 11.60 | 178  | 1458959  | 51.02  | ng    | 99       |
| 72) Carbazole                  | 11.75 | 167  | 1180159  | 47.42  | ng    | 98       |
| 73) Di-n-butylphthalate        | 12.08 | 149  | 1568078  | 52.94  | ng    | 100      |
| 74) Fluoranthene               | 12.73 | 202  | 1219188  | 43.62  | ng    | 99       |
| 77) Pyrene                     | 12.96 | 202  | 1180162  | 49.92  | ng    | 98       |
| 79) Butylbenzylphthalate       | 13.58 | 149  | 523541   | 52.29  | ng    | 95       |
| 80) Benzo(a)anthracene         | 14.15 | 228  | 1044704  | 51.95  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.11 | 252  | 47179    | 7.51   | ng    | 99       |
| 82) Chrysene                   | 14.19 | 228  | 926760m  | 50.47  | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 14.13 | 149  | 671403   | 58.08  | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.75 | 149  | 1180862  | 68.82  | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.13 | 276  | 1324167  | 85.28  | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.20 | 252  | 1341700m | 55.00  | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.24 | 252  | 823580m  | 38.98  | ng    |          |
| 89) Benzo(a)pyrene             | 15.58 | 252  | 1097981  | 53.51  | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.16 | 278  | 1113971  | 60.28  | ng    | # 96     |
| 91) Benzo(g,h,i)perylene       | 17.59 | 276  | 1064869  | 56.67  | ng    | 98       |

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

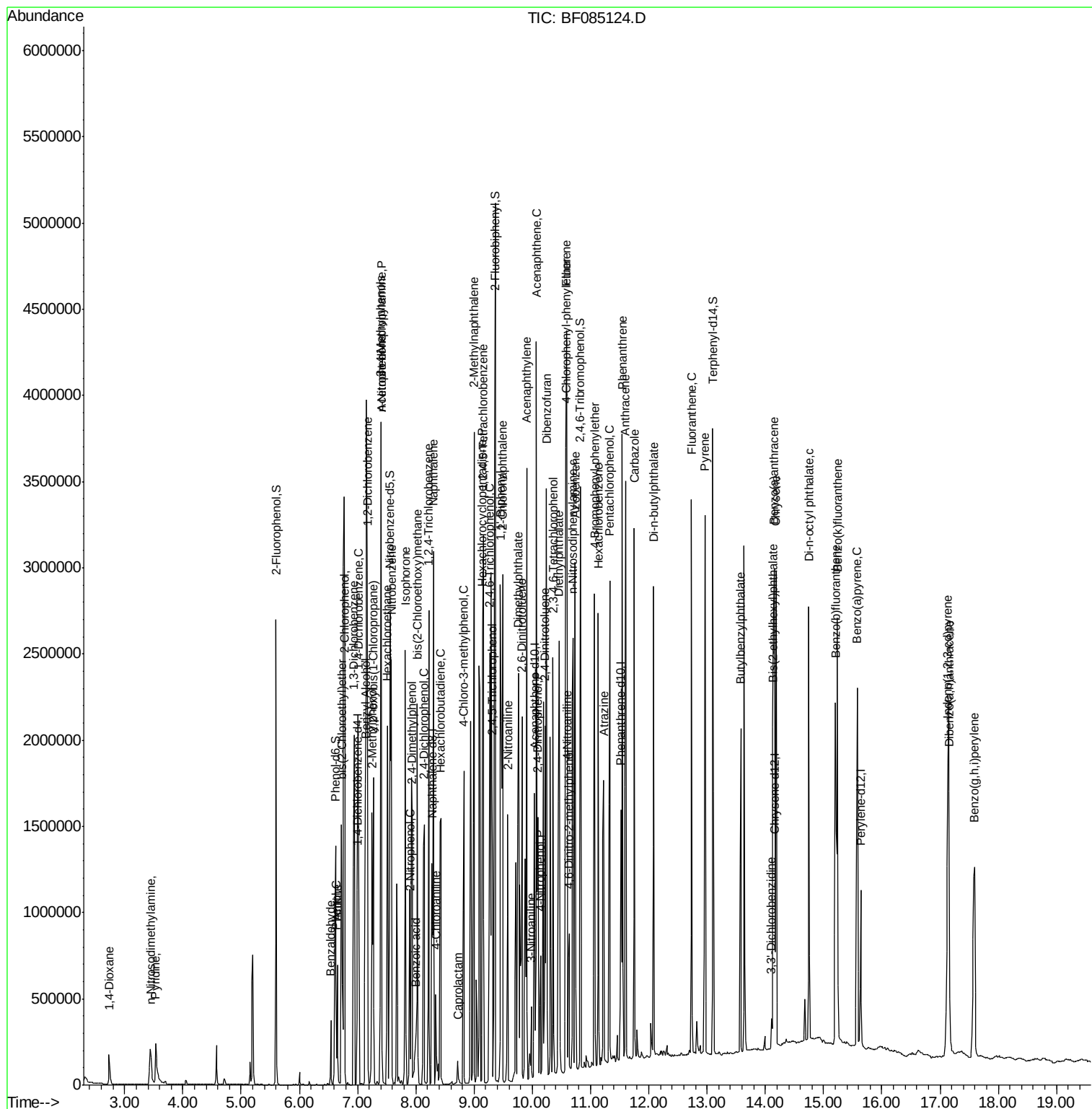
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\  
Data File : BF085124.D  
Acq On    : 2 Mar 2016 17:30  
Operator  : SJ/IZ  
Sample    : H1620-06MSD  
Misc      :  
ALS Vial  : 20 Sample Multiplier: 1
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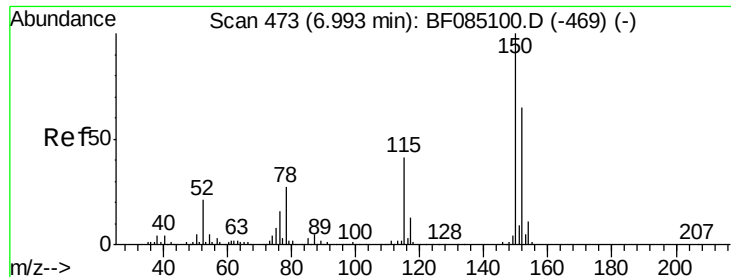
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
MW-05MSD

## Manual Integrations APPROVED

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3/3/2016 2:05:34 PM

Quant Time: Mar 03 12:50:55 2016  
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QLast Update : Wed Mar 02 13:25:39 2016  
Response via : Initial Calibration

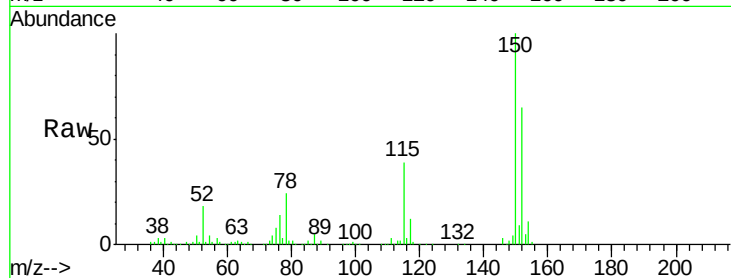




#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.00 min Scan# 412  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

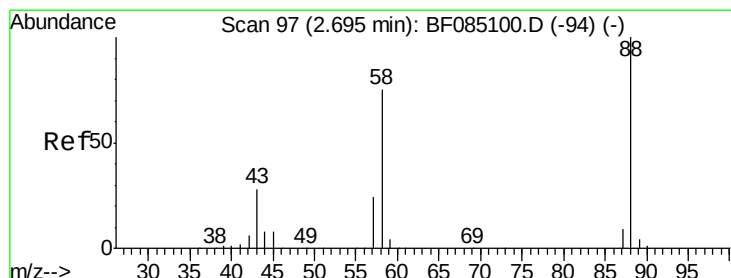
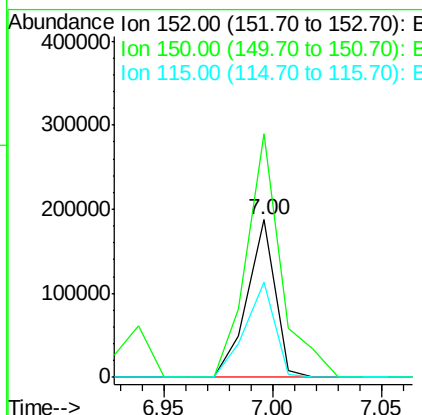
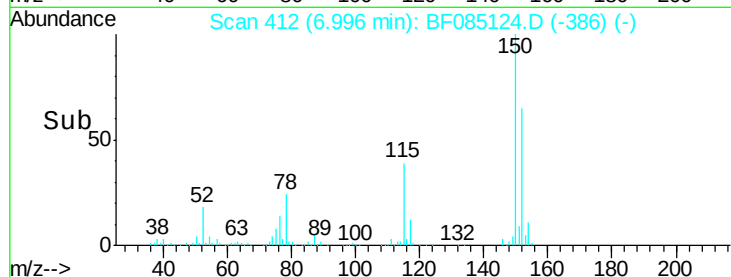
Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 168251 |       |       |
| 150     | 154.5 | 123.4  | 185.0 |       |
| 115     | 60.1  | 50.0   | 75.0  |       |

Manual Integrations  
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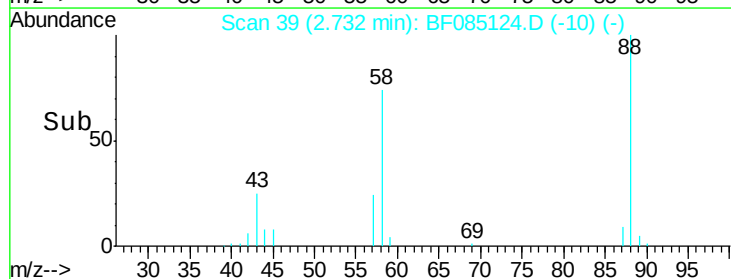
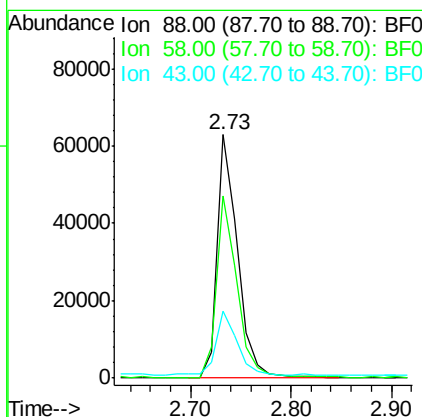
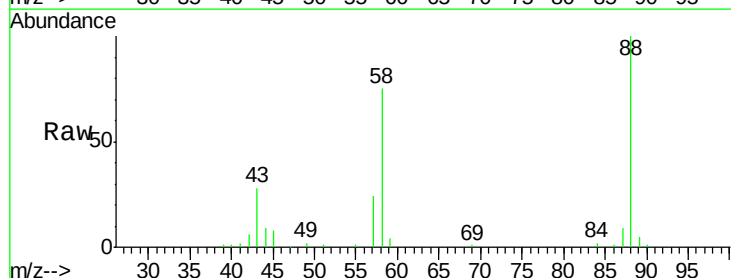
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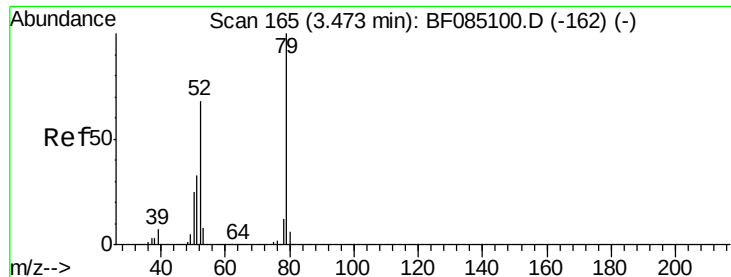


#2

1,4-Dioxane  
Concen: 17.28 ng  
RT: 2.73 min Scan# 39  
Delta R.T. 0.04 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 88760 |       |       |
| 58      | 76.5  | 58.4  | 87.6  |       |
| 43      | 27.2  | 22.2  | 33.4  |       |





#3

Pyridine

Concen: 14.29 ng

RT: 3.53 min Scan# 109

Delta R.T. 0.06 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

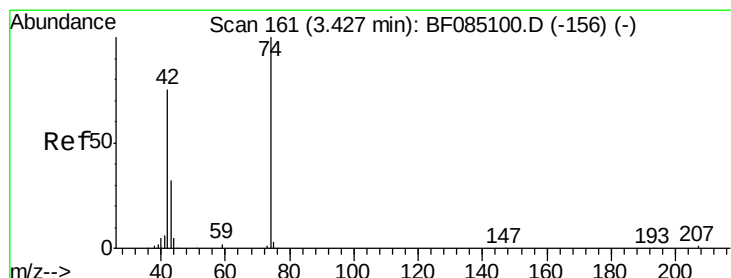
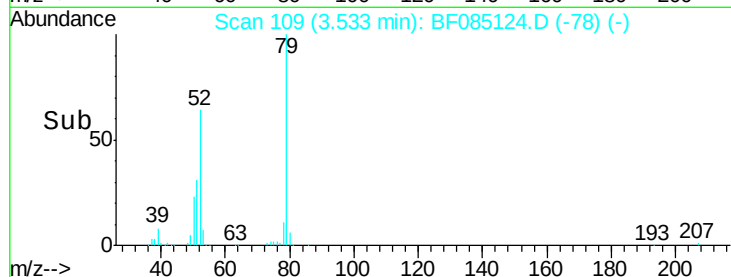
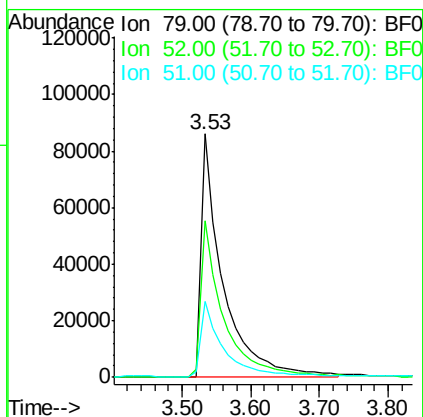
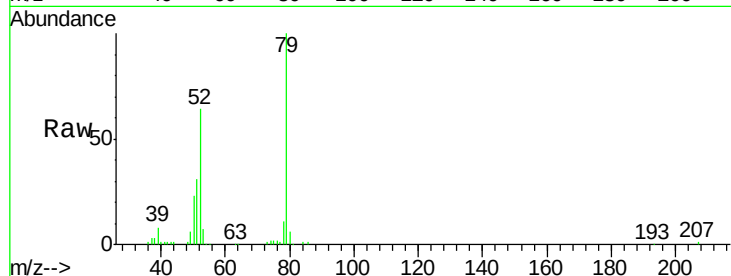
MW-05MSD

Manual Integrations  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 64.1  | 54.1  | 81.1  |
| 51      | 31.4  | 26.6  | 40.0  |



#4

n-Nitrosodimethylamine

Concen: 18.69 ng

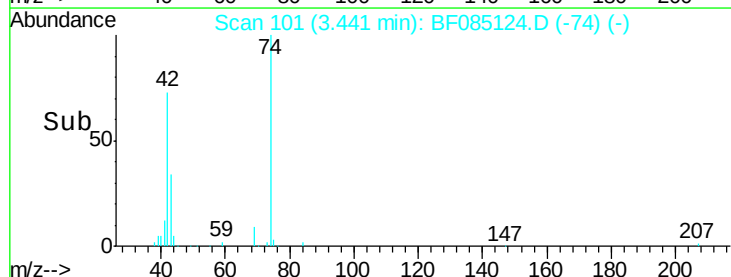
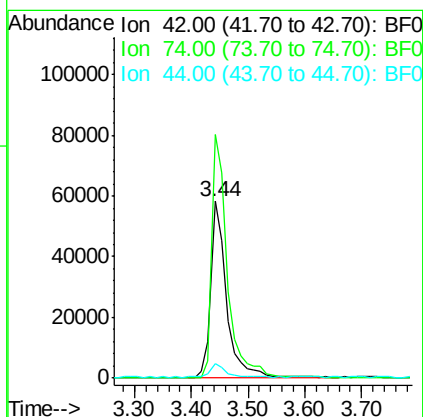
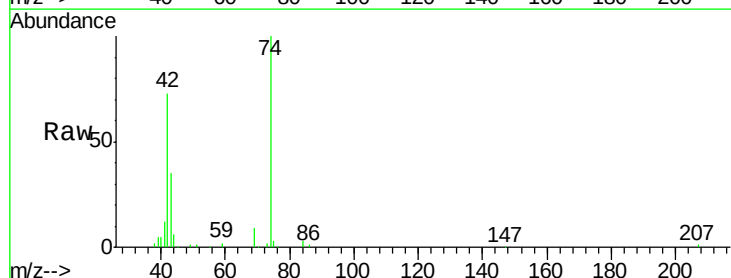
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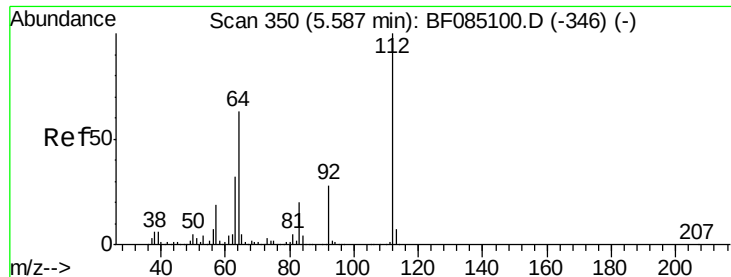
Delta R.T. 0.01 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 137.9 | 106.6 | 160.0 |
| 44      | 8.0   | 5.4   | 8.2   |





#5

2-Fluorophenol

Concen: 68.99 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

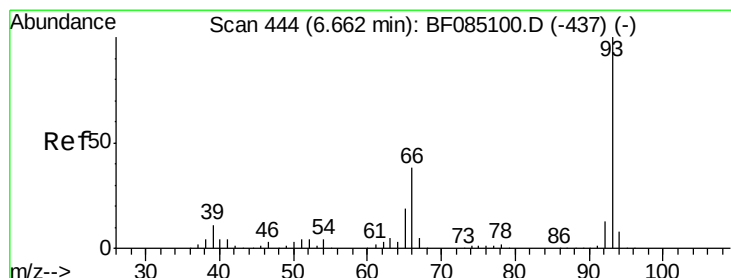
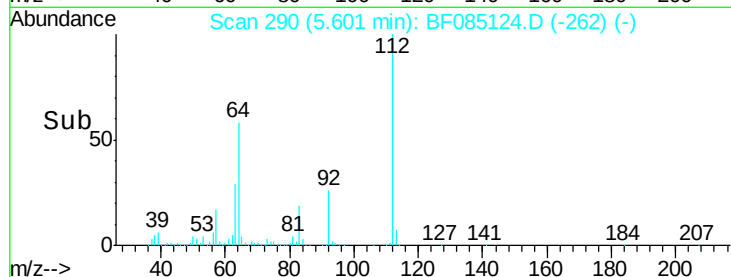
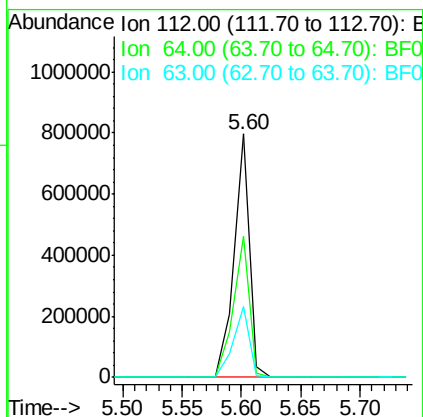
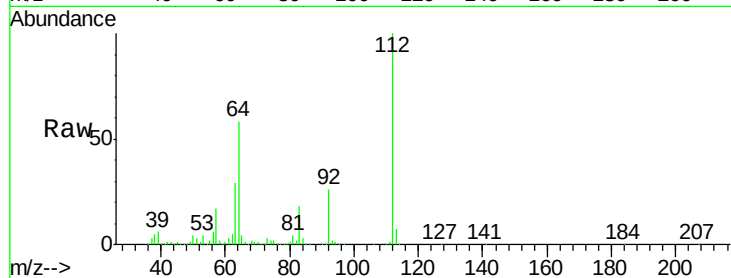
MW-05MSD

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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 714974 |       |       |
| 64      | 57.8  | 50.6   | 76.0  |       |
| 63      | 29.0  | 25.5   | 38.3  |       |



#6

Aniline

Concen: 14.47 ng

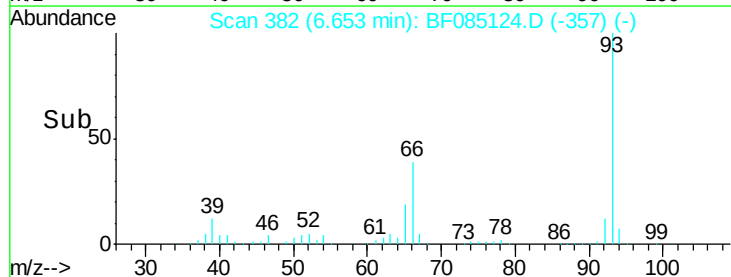
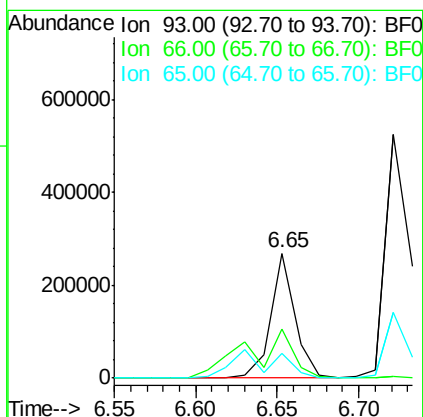
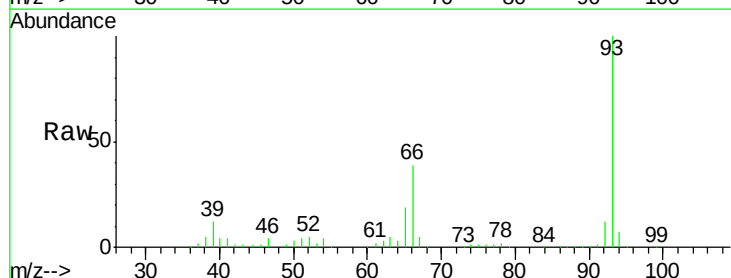
RT: 6.65 min Scan# 382

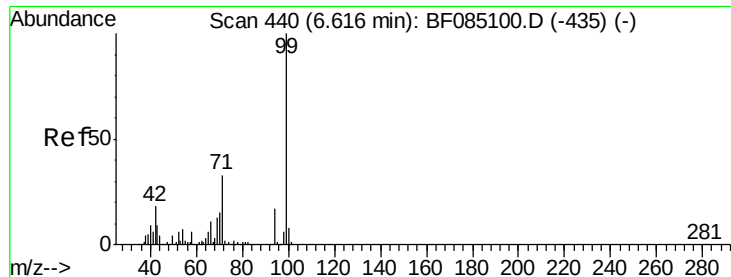
Delta R.T. -0.01 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 278985 |       |       |
| 66      | 38.8  | 30.1   | 45.1  |       |
| 65      | 19.4  | 15.0   | 22.6  |       |





#7

Phenol-d6

Concen: 42.49 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

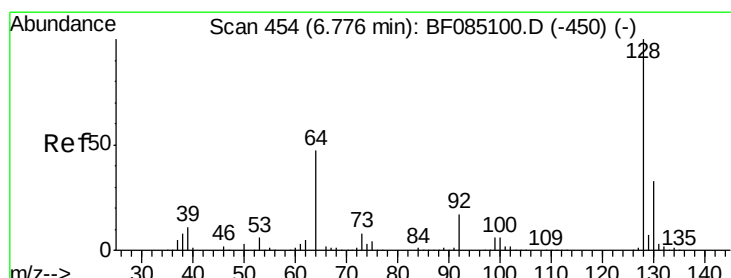
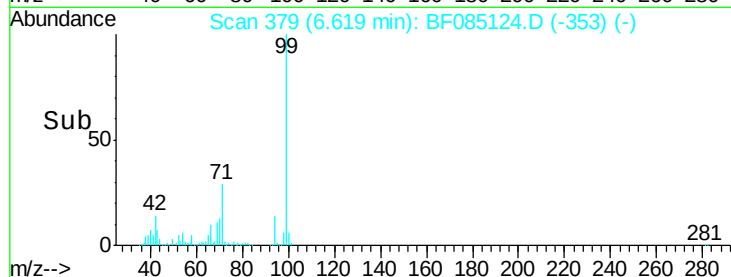
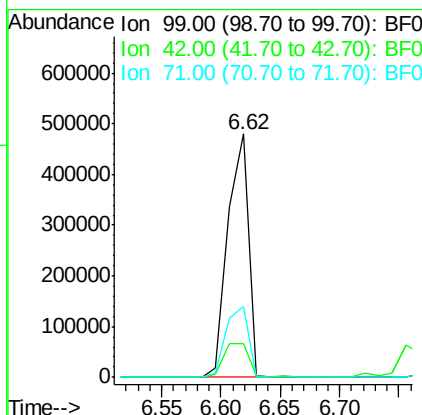
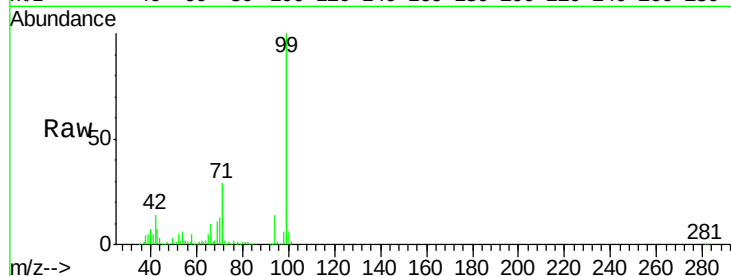
ClientSampleId :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
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| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.0  | 14.1  | 21.1#  |
| 71        | 29.0  | 26.8  | 40.2   |

Manual Integrations  
APPROVED

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#8

2-Chlorophenol

Concen: 41.95 ng

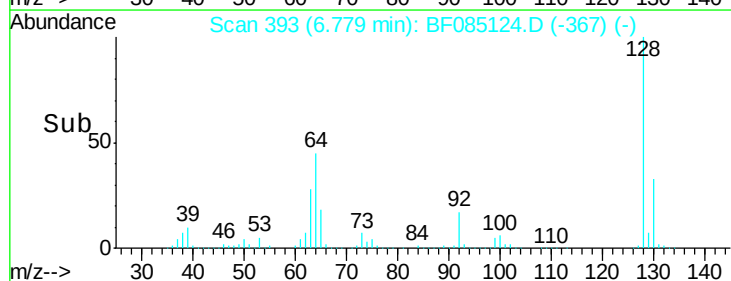
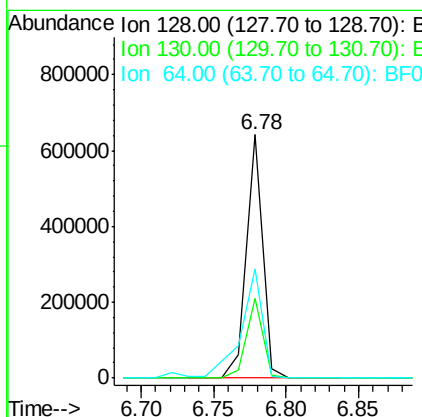
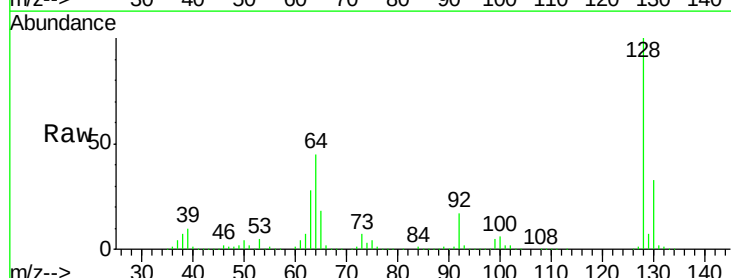
RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

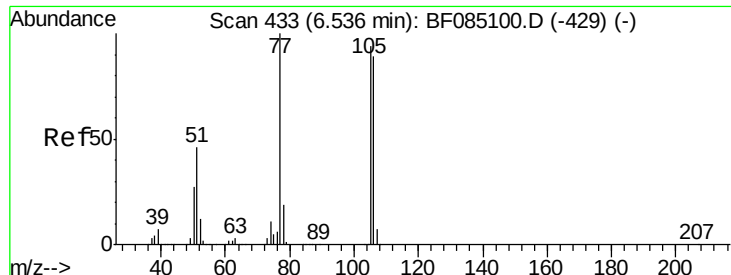
Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 501116 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.0  | 13.1  | 53.1   |
| 64        | 44.9  | 29.6  | 69.6   |







#9

Benzaldehyde

Concen: 7.47 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085124.D

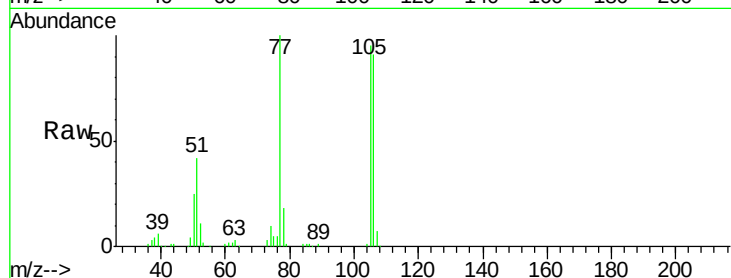
Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

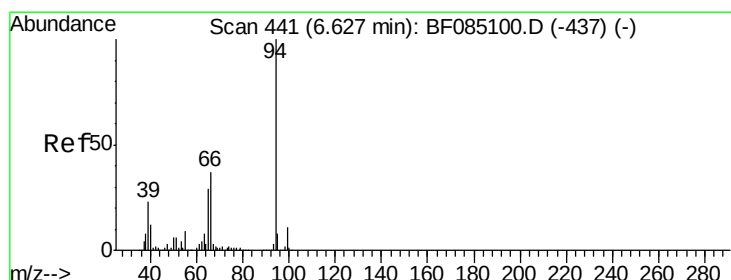
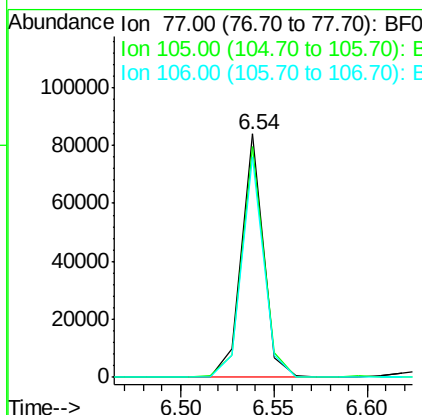
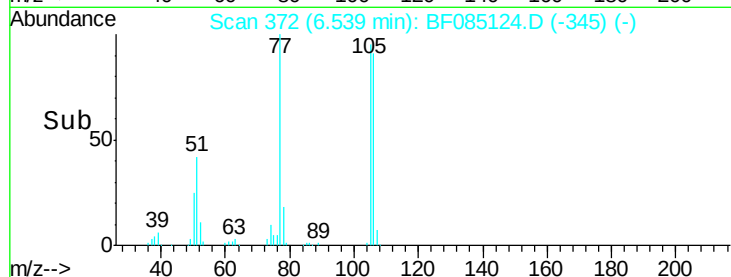
MW-05MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 69371 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 94.8  | 73.7  | 113.7 |
| 106       | 90.7  | 69.2  | 109.2 |

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#10

Phenol

Concen: 15.91 ng

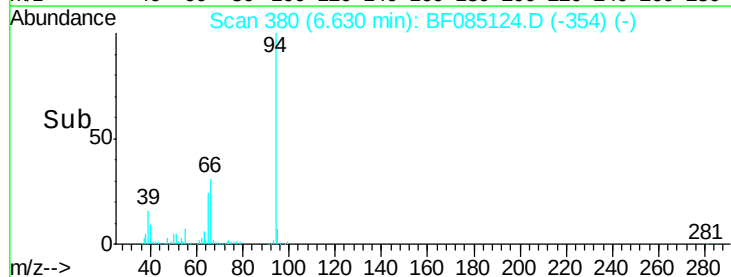
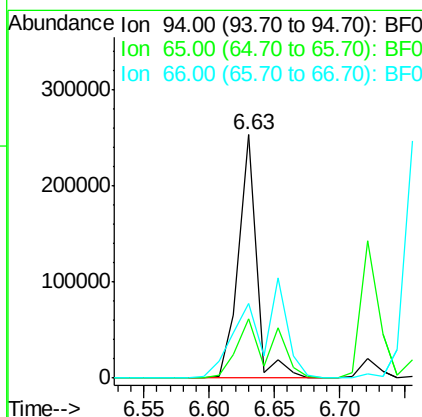
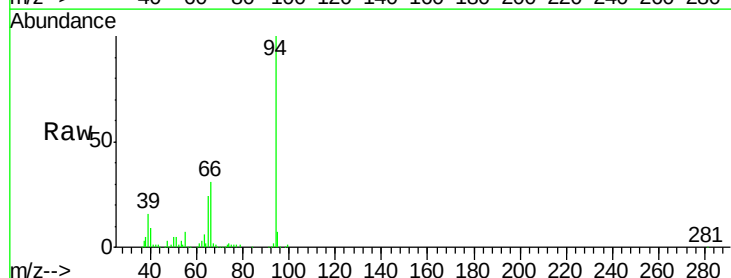
RT: 6.63 min Scan# 380

Delta R.T. 0.00 min

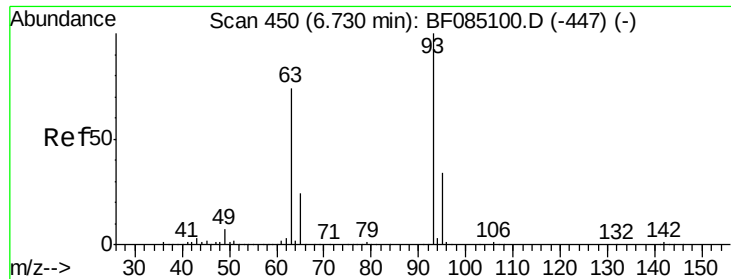
Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 241837 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 24.2  | 9.1   | 49.1   |
| 66        | 30.5  | 17.5  | 57.5   |







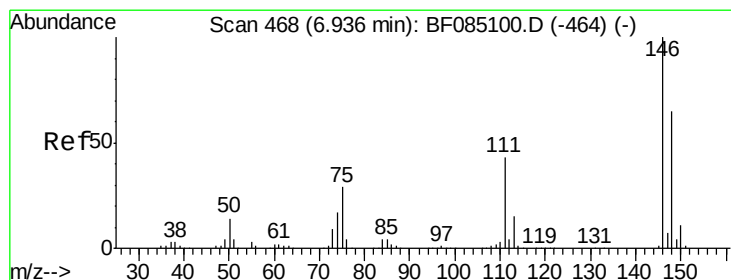
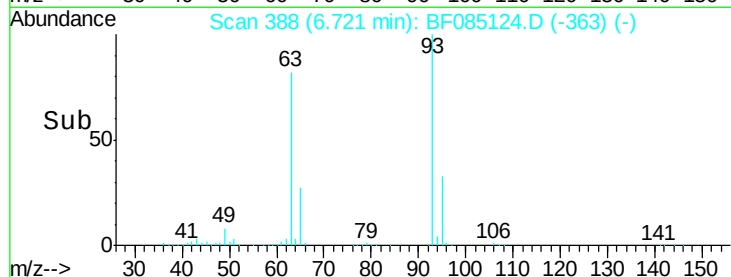
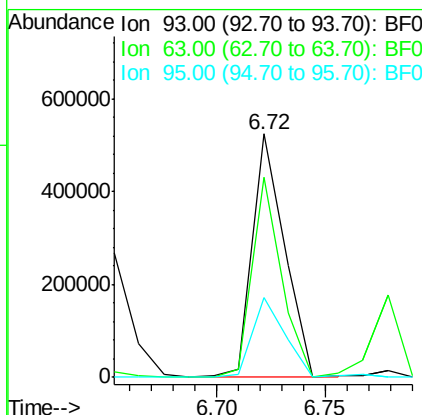
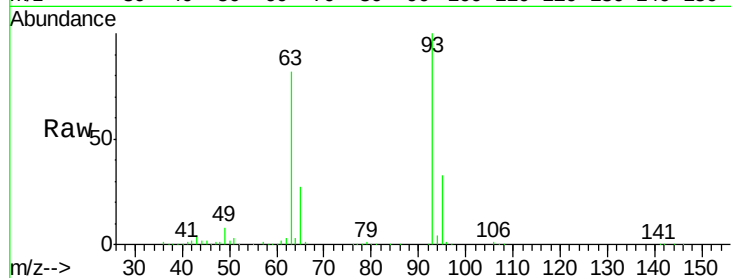
#11  
bis(2-Chloroethyl)ether  
Concen: 44.29 ng  
RT: 6.72 min Scan# 388  
Delta R.T. -0.01 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 533783 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 82.3  | 53.9  | 93.9   |
| 95       | 32.9  | 13.8  | 53.8   |

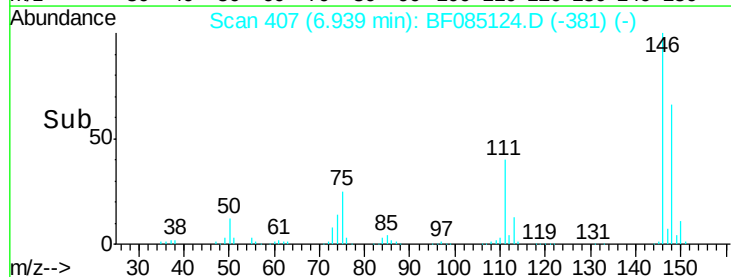
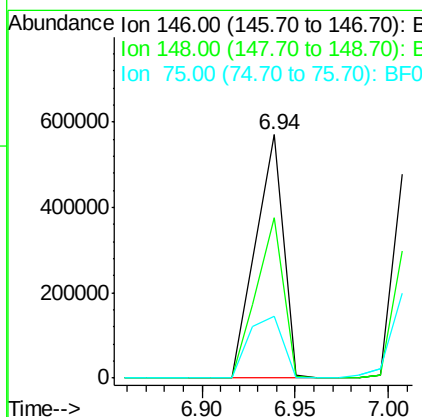
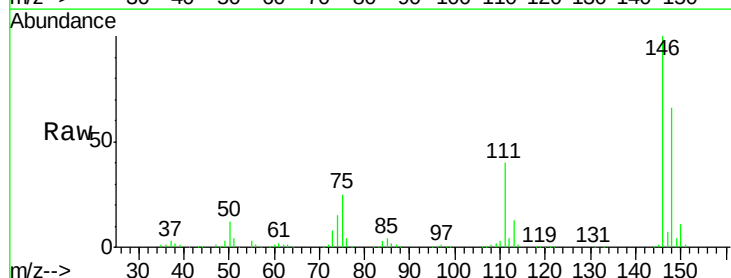
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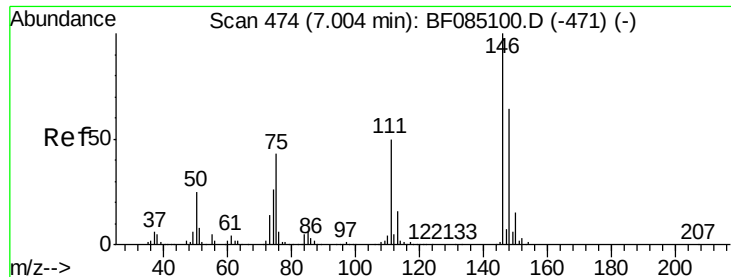
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#12  
1,3-Dichlorobenzene  
Concen: 45.76 ng  
RT: 6.94 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 587179 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 66.0  | 51.9  | 77.9   |
| 75       | 25.4  | 23.3  | 34.9   |





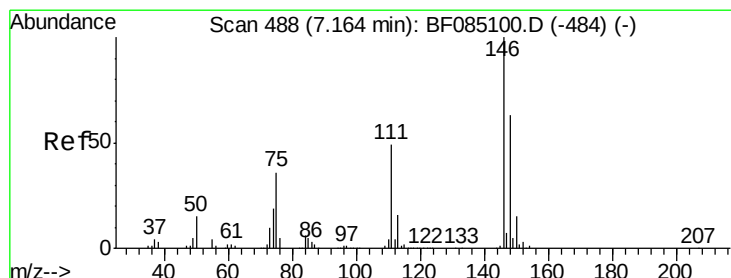
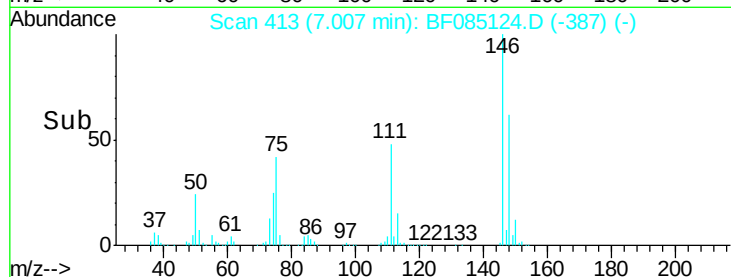
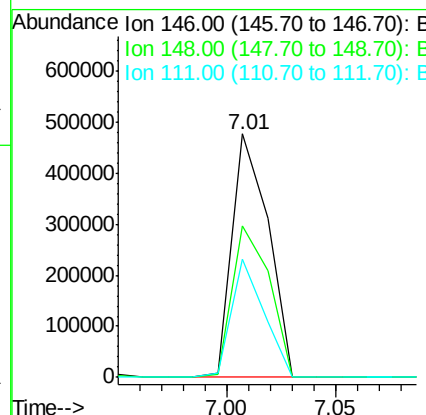
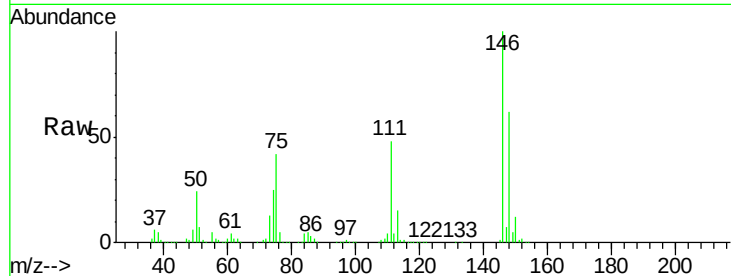
#13  
 1,4-Dichlorobenzene  
 Concen: 41.92 ng  
 RT: 7.01 min Scan# 413  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 51.1  | 76.7  |
| 111     | 48.3  | 40.0  | 60.0  |

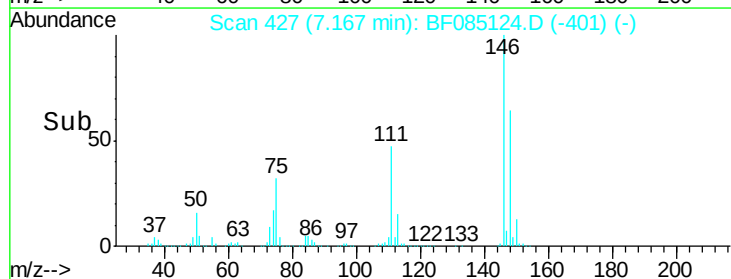
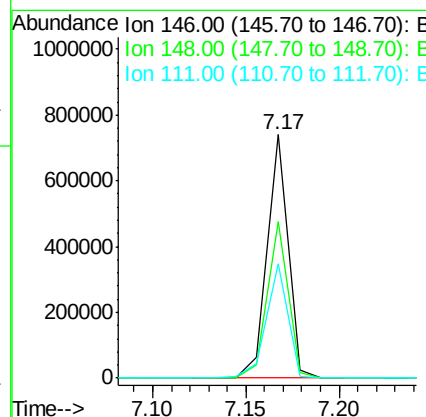
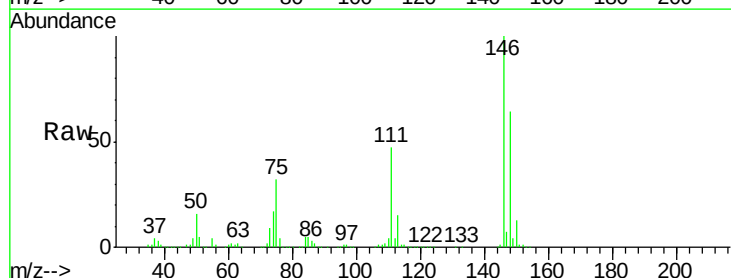
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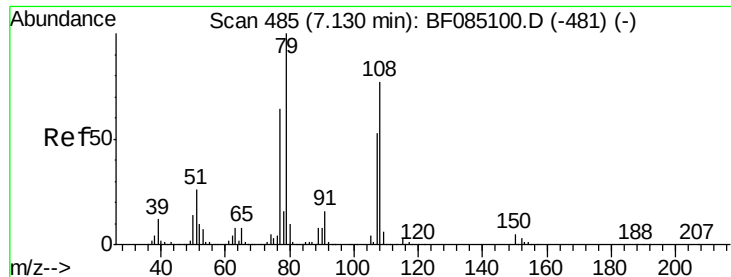
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#14  
 1,2-Dichlorobenzene  
 Concen: 49.34 ng  
 RT: 7.17 min Scan# 427  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 50.5  | 75.7  |
| 111     | 46.8  | 38.9  | 58.3  |





#15

Benzyl Alcohol

Concen: 35.89 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

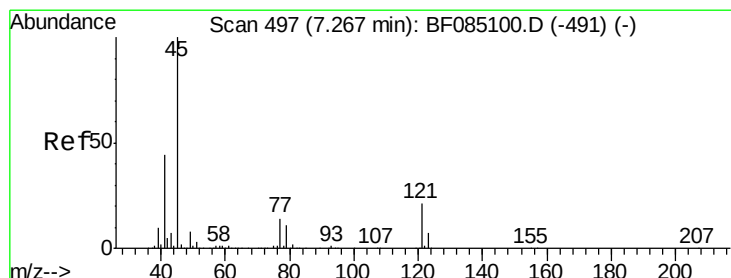
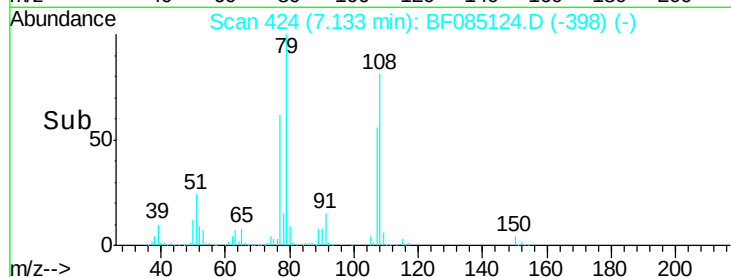
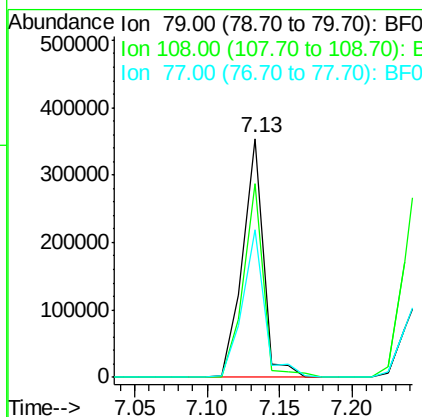
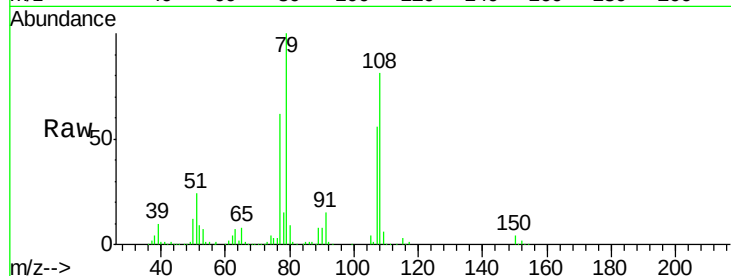
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 355417 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 81.0  | 61.8  | 92.6   |
| 77        | 61.6  | 51.2  | 76.8   |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.61 ng

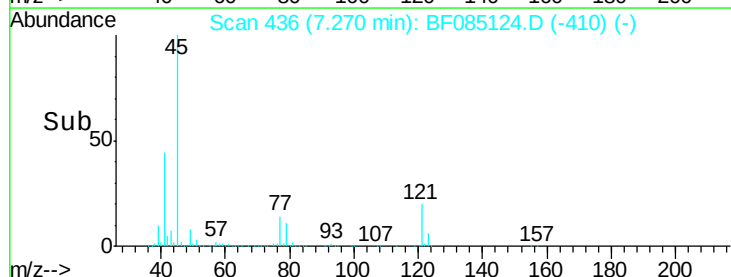
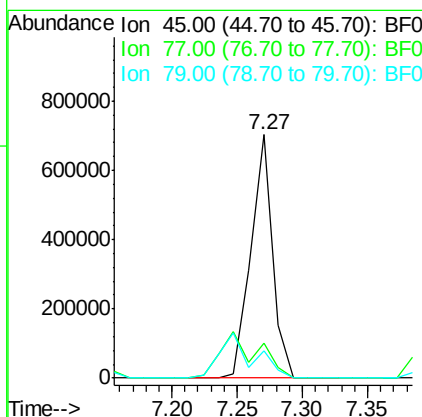
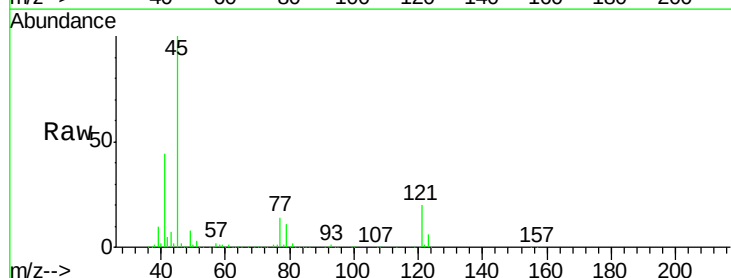
RT: 7.27 min Scan# 436

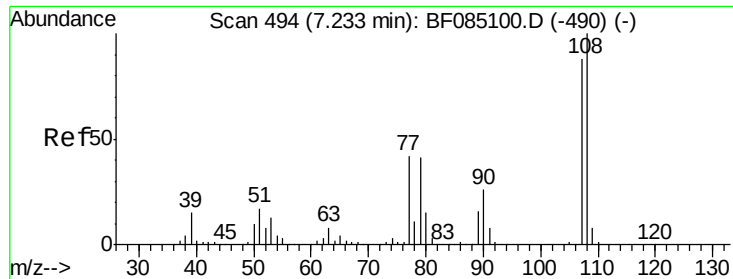
Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 810031 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.3  | 0.0   | 34.4   |
| 79        | 11.0  | 0.0   | 31.1   |





#17

2-Methylphenol

Concen: 33.49 ng

RT: 7.25 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF085124.D

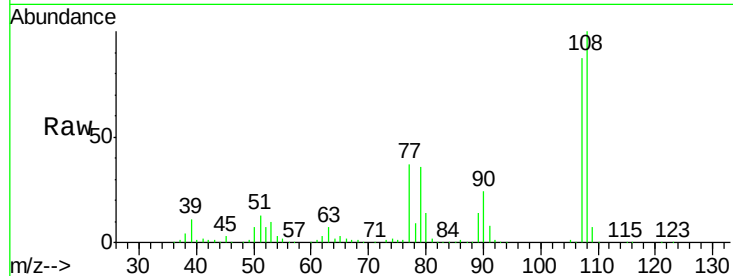
Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

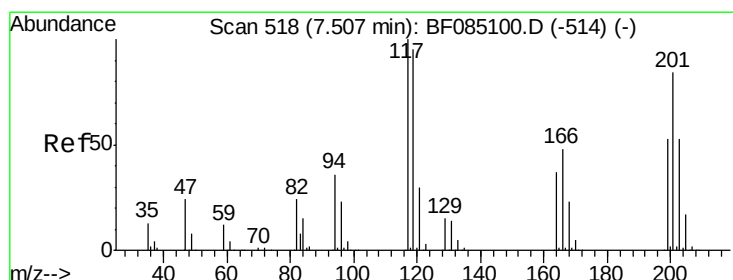
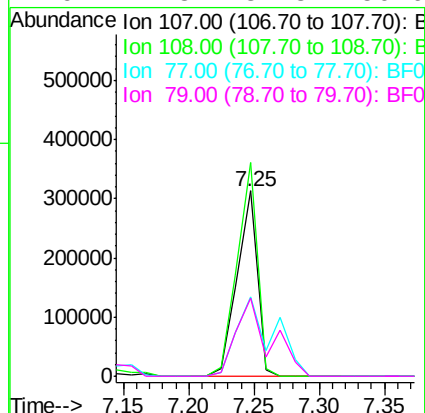
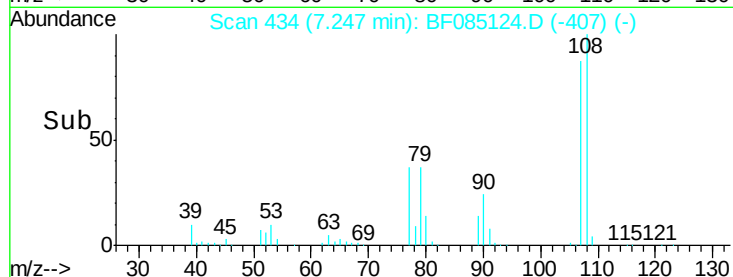
MW-05MSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 335152 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 115.2 | 91.4  | 137.2  |
| 77        | 42.9  | 38.7  | 58.1   |
| 79        | 41.8  | 37.8  | 56.6   |

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#18

Hexachloroethane

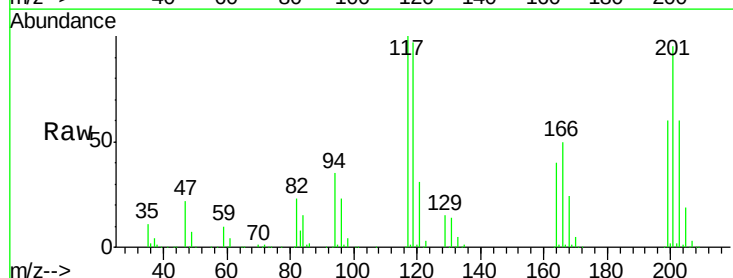
Concen: 44.54 ng

RT: 7.51 min Scan# 457

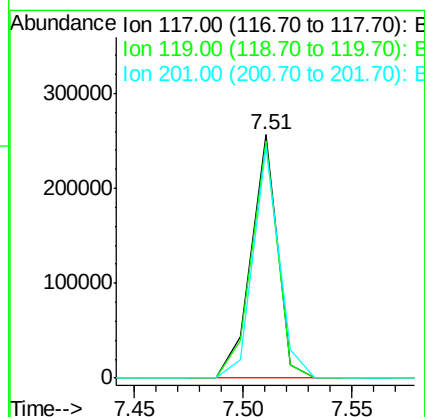
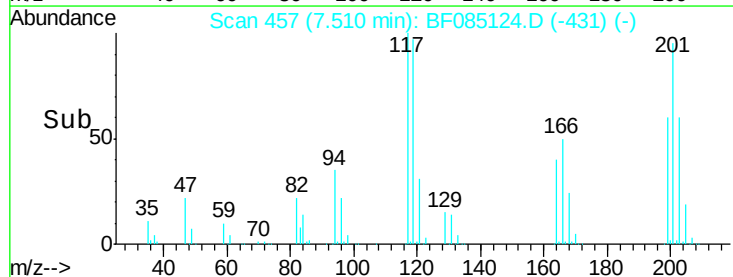
Delta R.T. 0.00 min

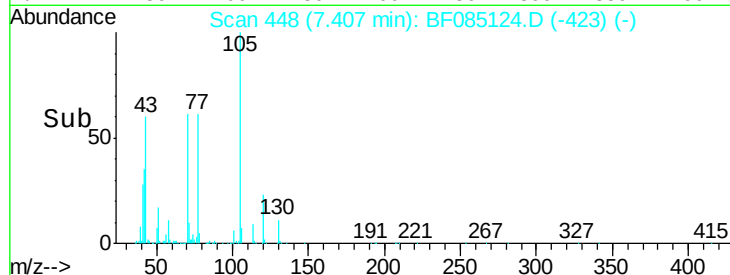
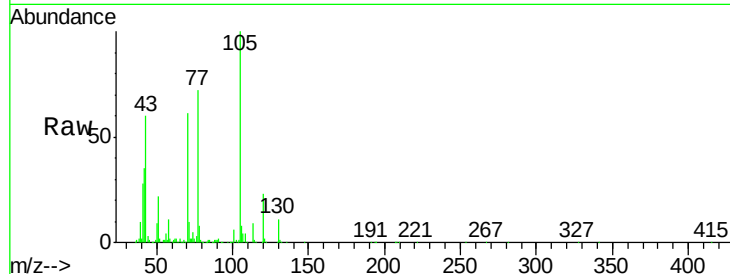
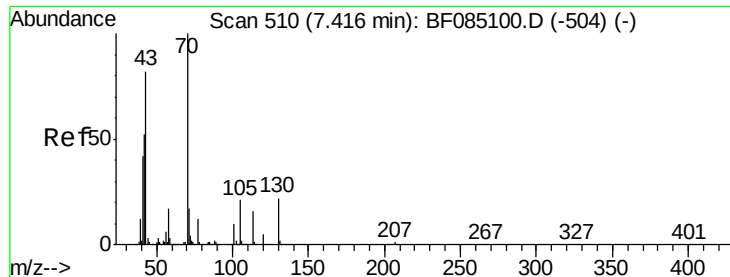
Lab File: BF085124.D

Acq: 2 Mar 2016 17:30



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 215319 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.3  | 76.2  | 114.4  |
| 201       | 95.1  | 66.8  | 100.2  |





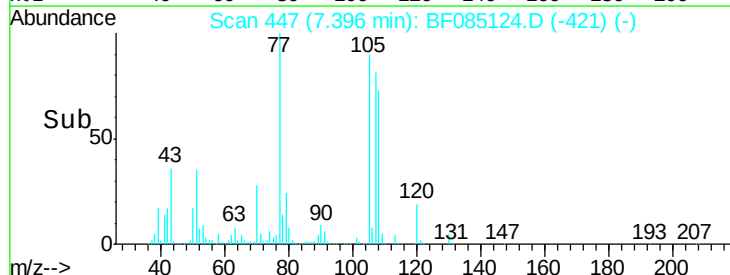
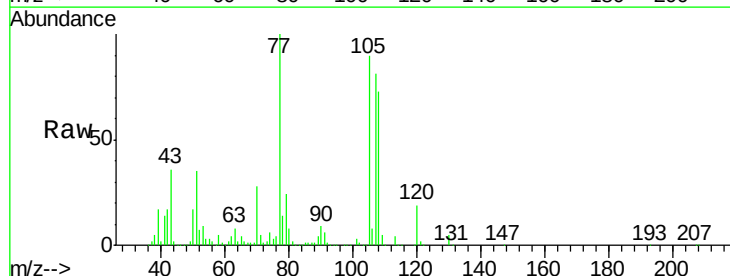
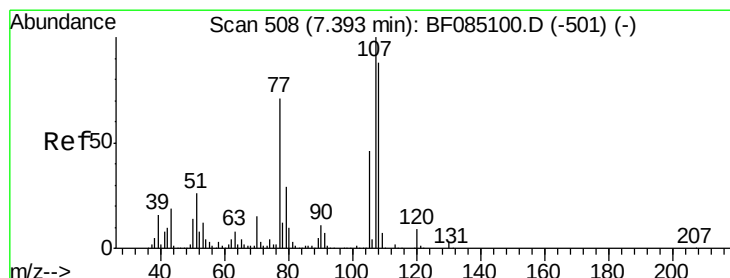
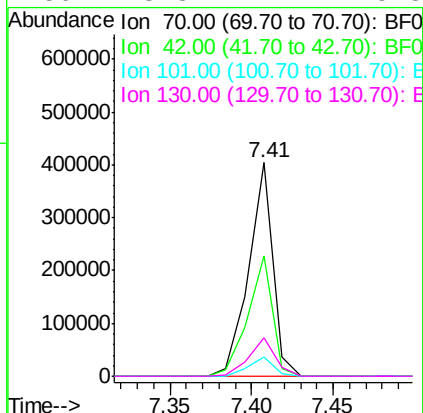
#19  
n-Nitroso-di-n-propylamine  
Concen: 46.65 ng  
RT: 7.41 min Scan# 448  
Delta R.T. -0.01 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

Manual Integrations  
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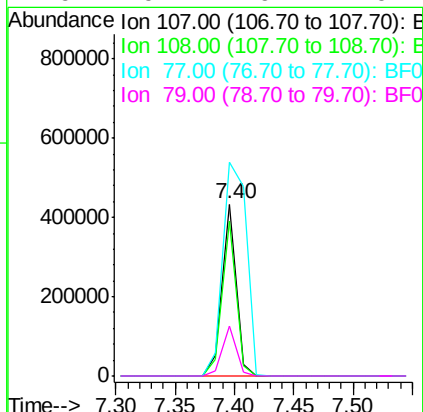
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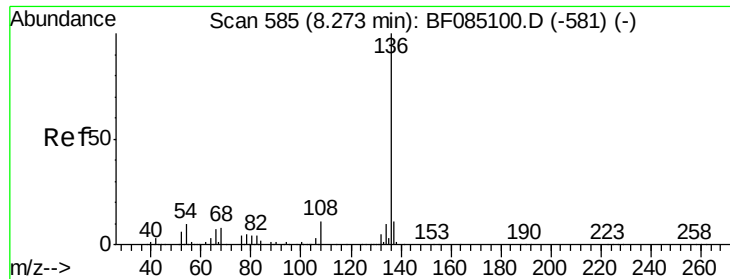
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 56.4  | 41.9  | 62.9  |
| 101     | 9.2   | 7.8   | 11.8  |
| 130     | 18.3  | 17.2  | 25.8  |



#20  
3+4-Methylphenols  
Concen: 29.68 ng  
RT: 7.40 min Scan# 447  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.1  | 67.8  | 107.8 |
| 77      | 124.2 | 50.6  | 90.6# |
| 79      | 29.2  | 9.1   | 49.1  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085124.D

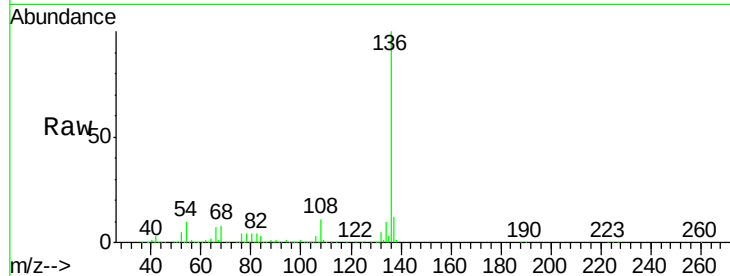
Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

MW-05MSD



Tgt Ion:136 Resp: 650588

Ion Ratio Lower Upper

136 100

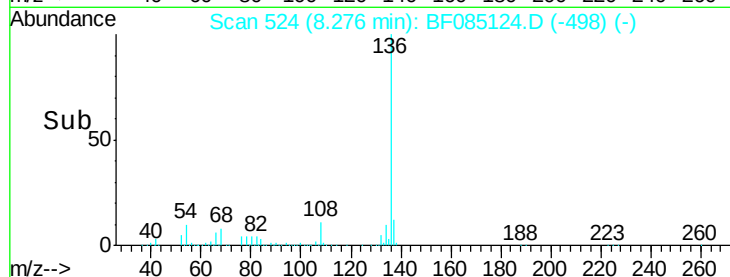
137 11.5 9.1 13.7

54 9.7 8.5 12.7

68 7.6 6.4 9.6

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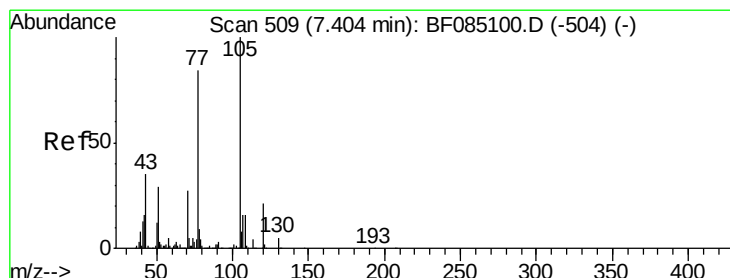
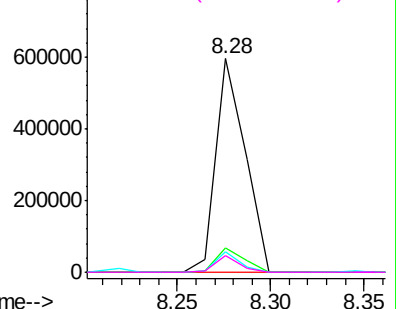


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.23 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Tgt Ion:105 Resp: 822060

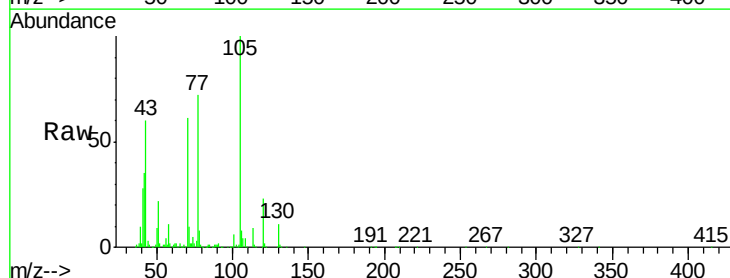
Ion Ratio Lower Upper

105 100

71 10.4 3.8 5.6#

51 21.9 22.9 34.3#

120 22.8 16.9 25.3

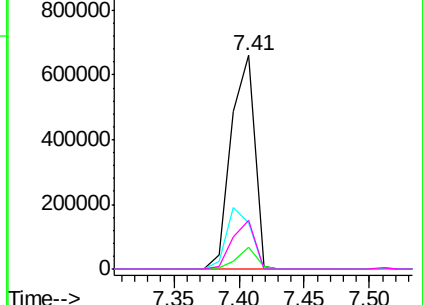
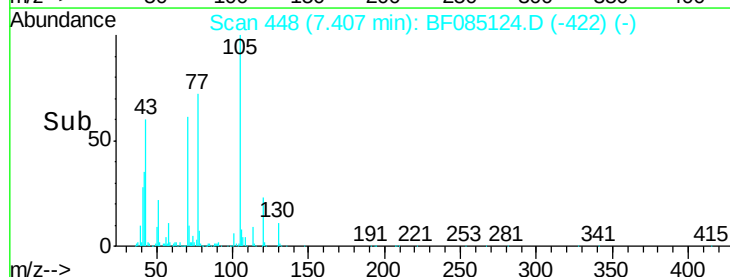


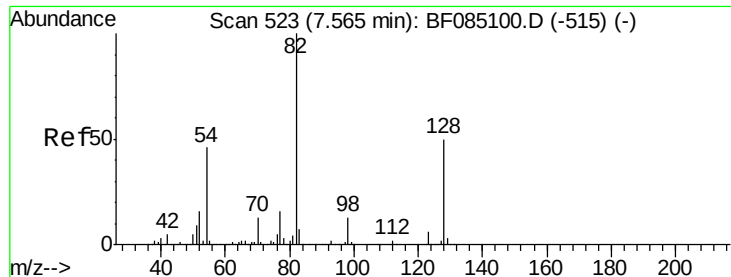
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





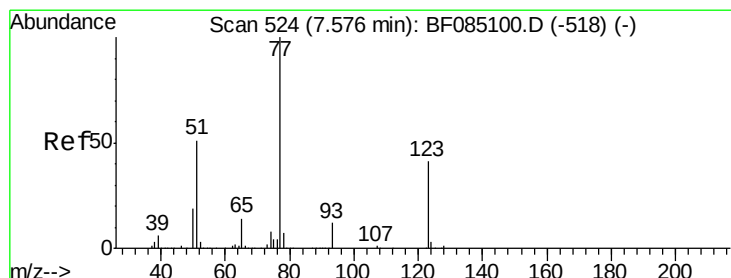
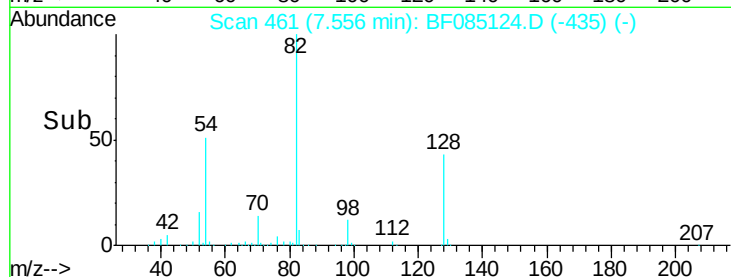
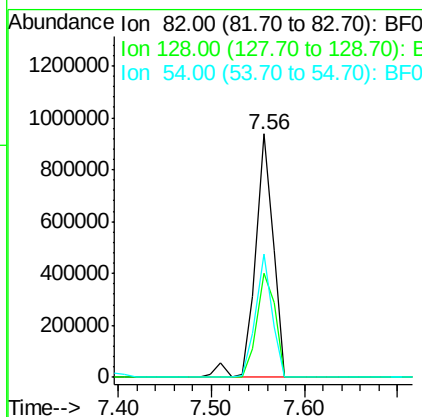
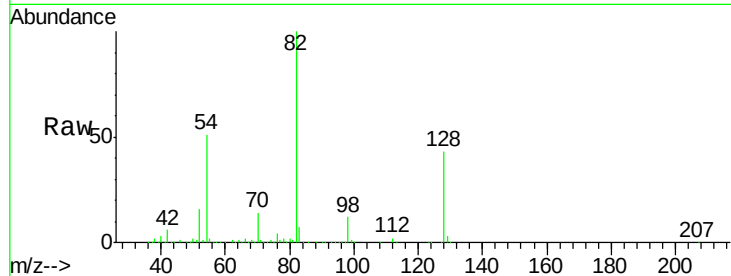
#23  
 Nitrobenzene-d5  
 Concen: 102.28 ng  
 RT: 7.56 min Scan# 461  
 Delta R.T. -0.01 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

Tgt Ion: 82 Resp: 1250762  
 Ion Ratio Lower Upper  
 82 100  
 128 42.9 39.8 59.6  
 54 50.9 36.6 54.8

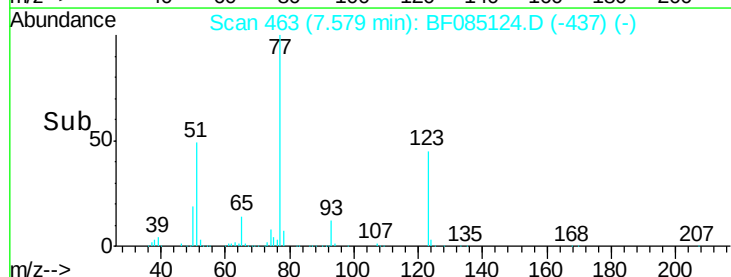
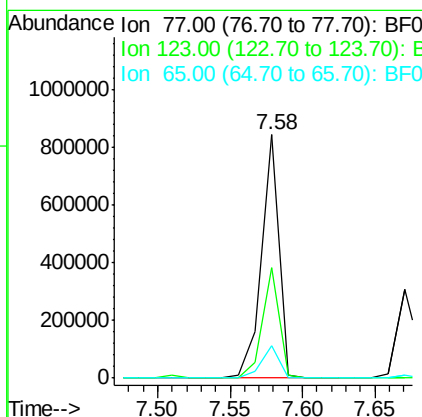
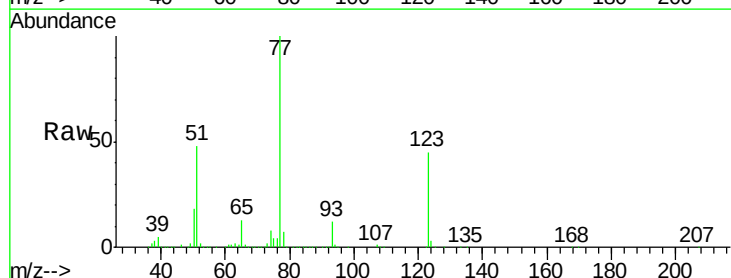
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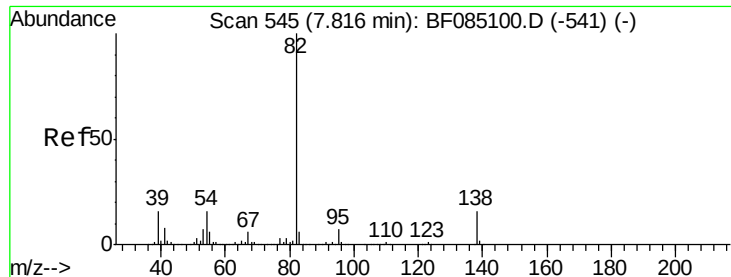


#24  
 Nitrobenzene  
 Concen: 55.72 ng  
 RT: 7.58 min Scan# 463  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

Tgt Ion: 77 Resp: 706792  
 Ion Ratio Lower Upper  
 77 100  
 123 45.4 33.4 50.2  
 65 13.3 10.9 16.3







#25

Isophorone

Concen: 51.45 ng

RT: 7.82 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

MW-05MSD

Tgt Ion: 82 Resp: 1203436

Ion Ratio Lower Upper

82 100

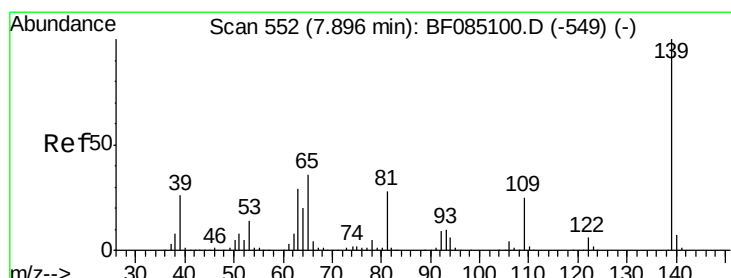
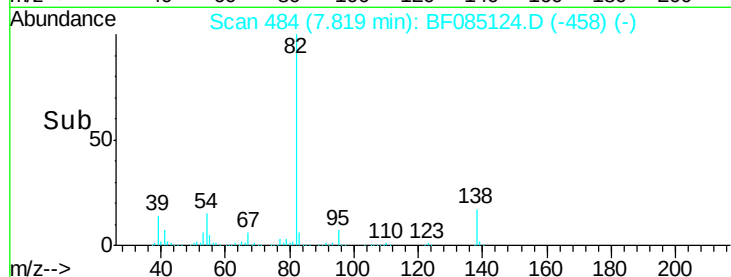
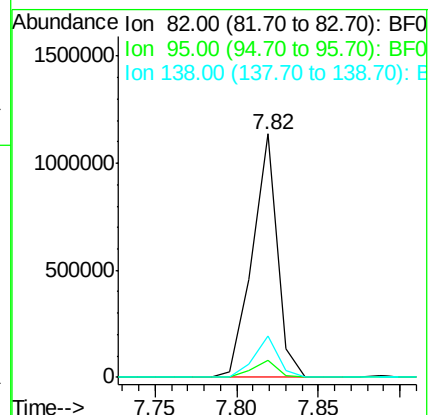
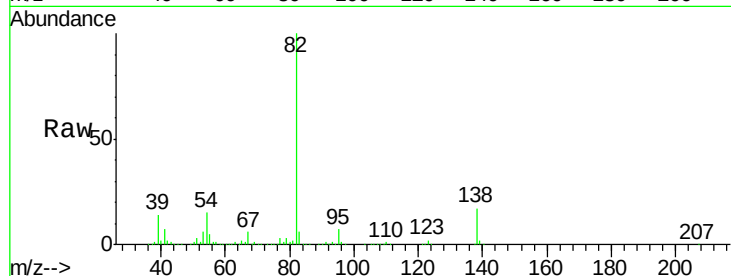
95 7.0 5.6 8.4

138 17.1 12.6 18.8

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#26

2-Nitrophenol

Concen: 51.33 ng

RT: 7.90 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

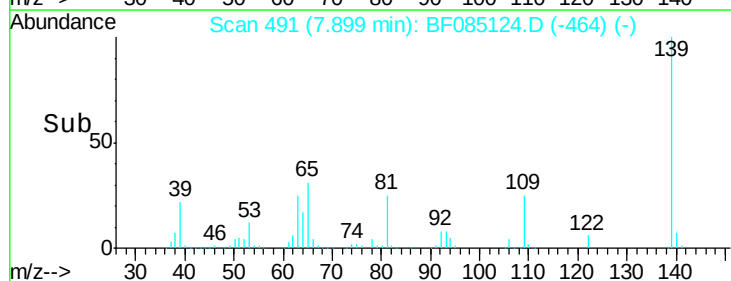
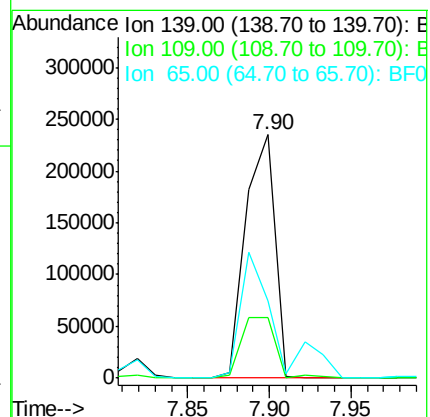
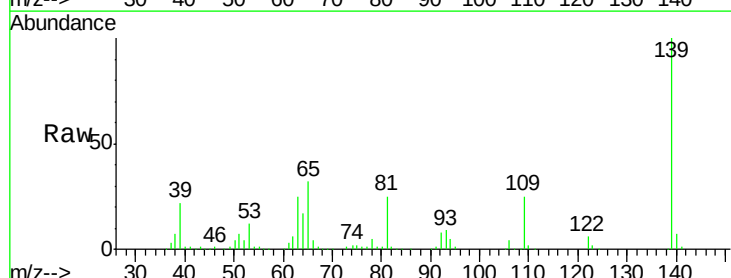
Tgt Ion: 139 Resp: 291157

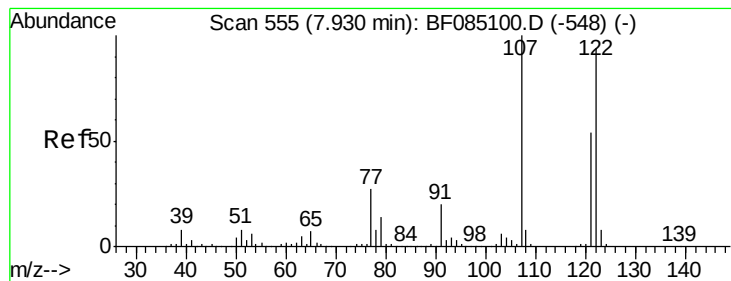
Ion Ratio Lower Upper

139 100

109 25.0 20.4 30.6

65 31.6 29.2 43.8





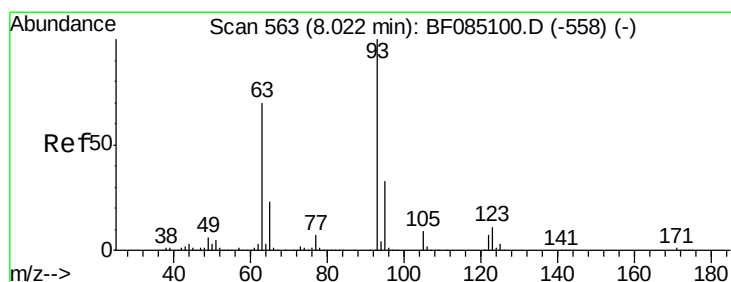
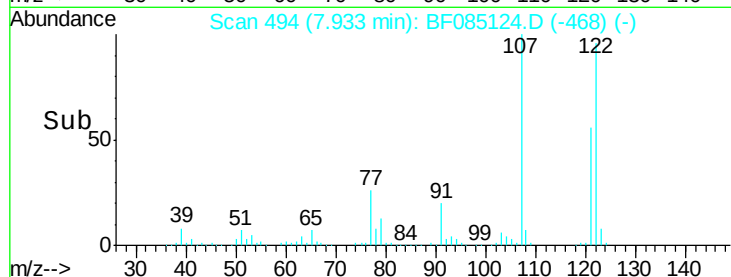
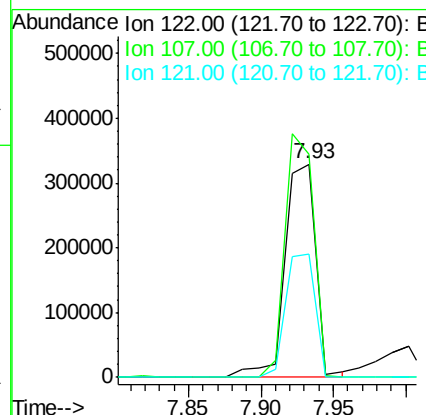
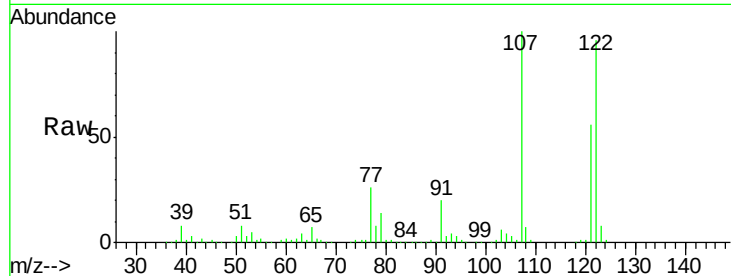
#27  
2,4-Dimethylphenol  
Concen: 44.02 ng  
RT: 7.93 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampled :  
MW-05MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 483961 |       |       |
| 107     | 104.4 | 85.0   | 127.4 |       |
| 121     | 58.0  | 45.8   | 68.8  |       |

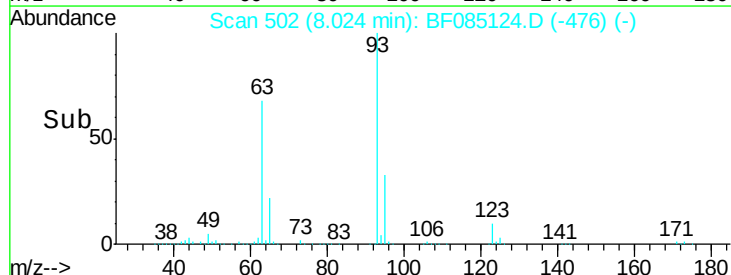
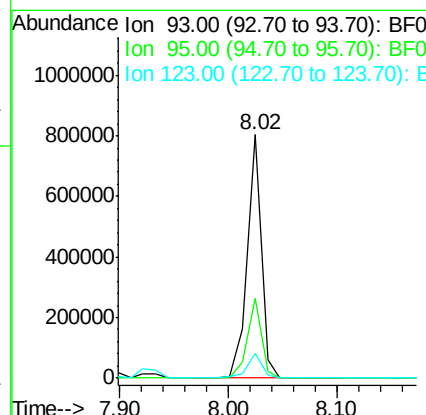
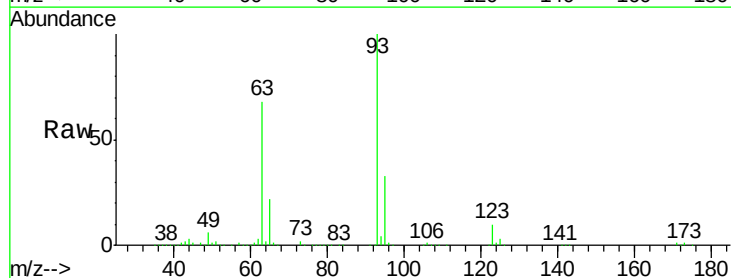
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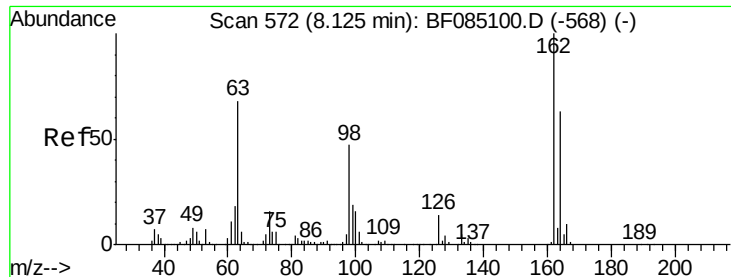
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#28  
bis(2-Chloroethoxy)methane  
Concen: 54.93 ng  
RT: 8.02 min Scan# 502  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 708636 |       |       |
| 95      | 33.0  | 26.2   | 39.4  |       |
| 123     | 10.4  | 8.8    | 13.2  |       |





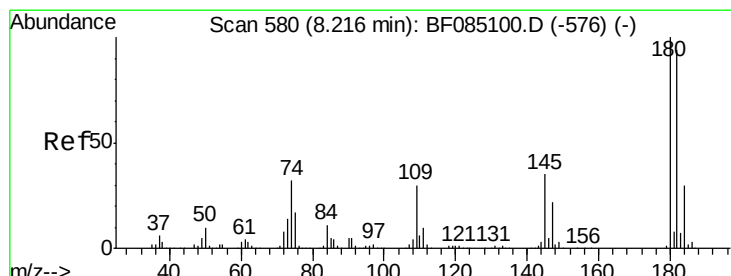
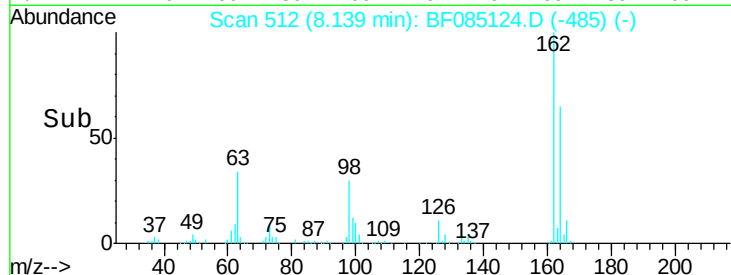
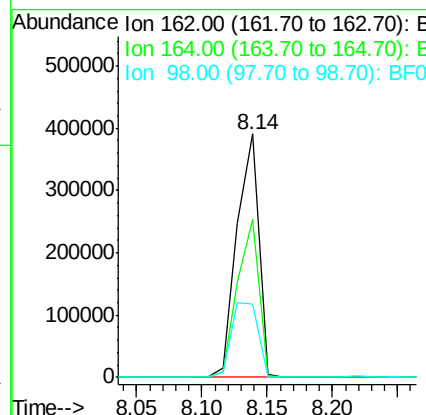
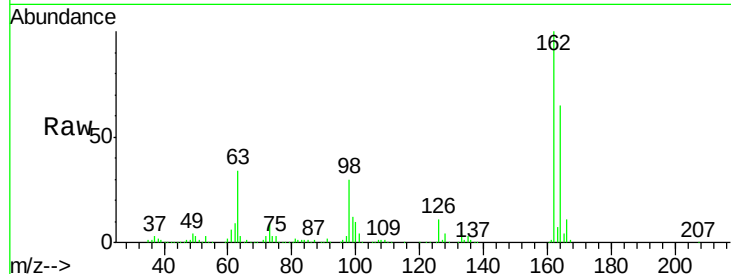
#29  
2,4-Dichlorophenol  
Concen: 50.06 ng  
RT: 8.14 min Scan# 512  
Delta R.T. 0.01 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampled :  
MW-05MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 452797 |       |       |
| 164     | 64.8  | 42.9   | 82.9  |       |
| 98      | 29.9  | 26.9   | 66.9  |       |

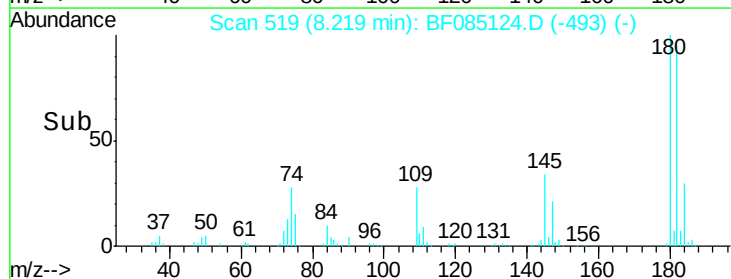
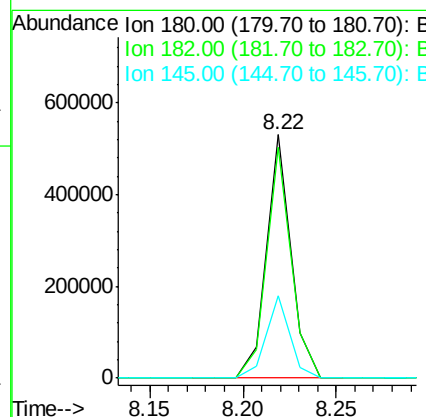
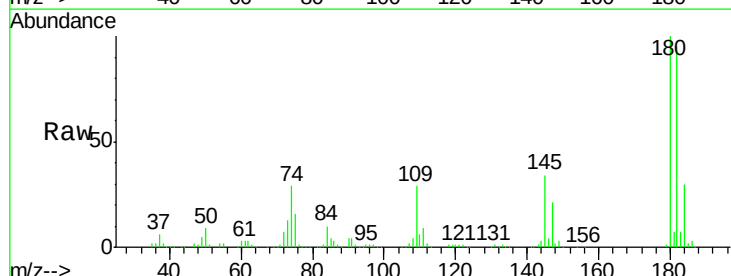
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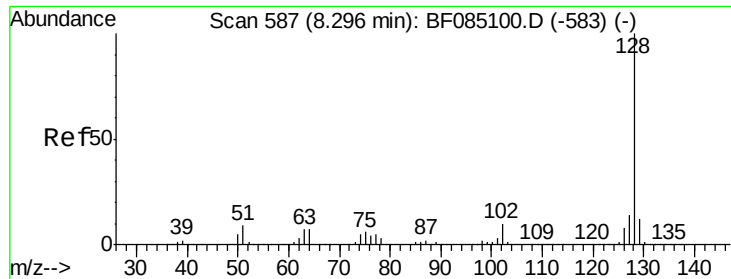
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#30  
1,2,4-Trichlorobenzene  
Concen: 48.56 ng  
RT: 8.22 min Scan# 519  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 478755 |       |       |
| 182     | 94.9  | 75.4   | 113.0 |       |
| 145     | 33.8  | 27.8   | 41.8  |       |





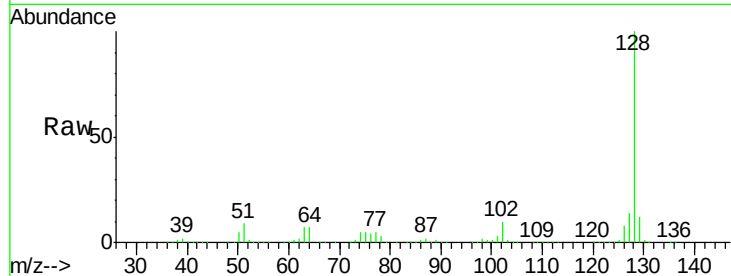
#31  
Naphthalene  
Concen: 45.19 ng  
RT: 8.30 min Scan# 526  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

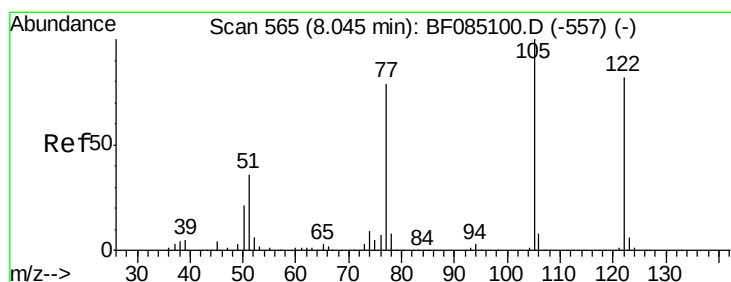
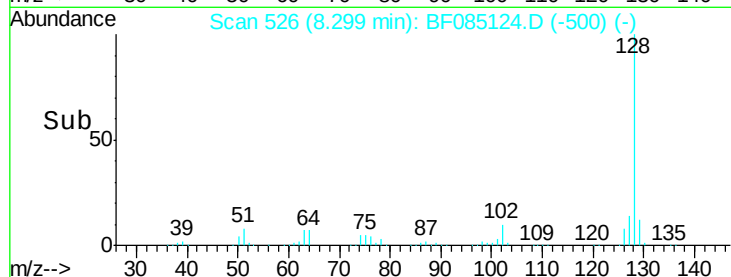
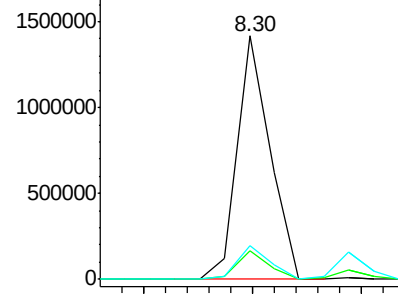
Tgt Ion:128 Resp: 1486939  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.7 14.5  
127 13.8 11.1 16.7

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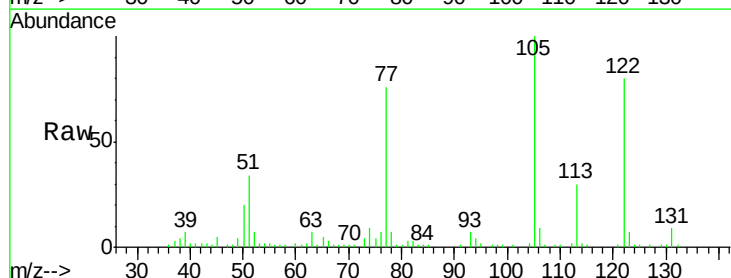


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

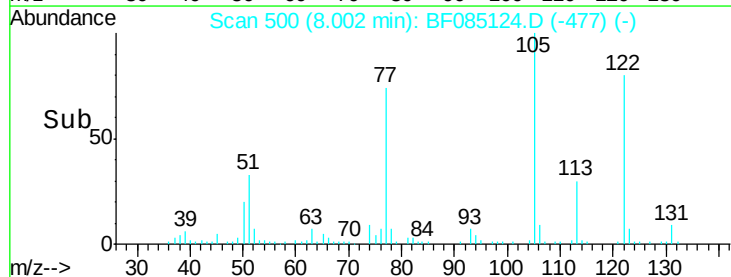
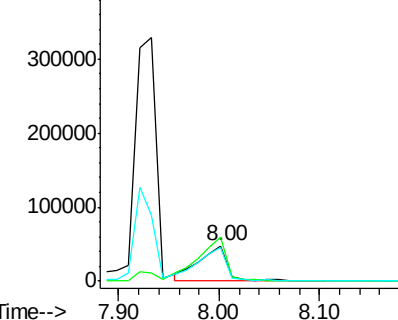


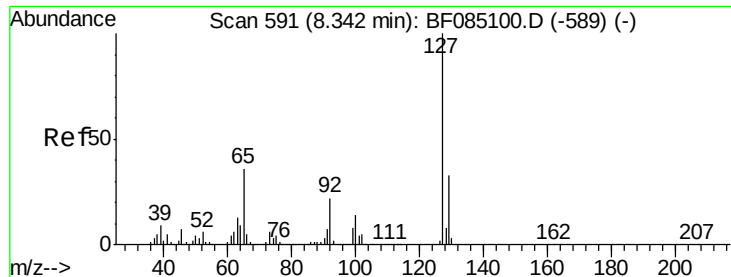
#32  
Benzoic acid  
Concen: 23.05 ng  
RT: 8.00 min Scan# 500  
Delta R.T. -0.04 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Tgt Ion:122 Resp: 91499  
Ion Ratio Lower Upper  
122 100  
105 125.6 102.0 142.0  
77 95.8 76.8 116.8



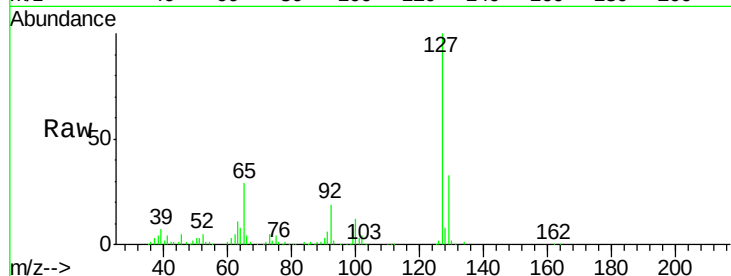
Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





#33  
4-Chloroaniline  
Concen: 12.51 ng  
RT: 8.34 min Scan# 530  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

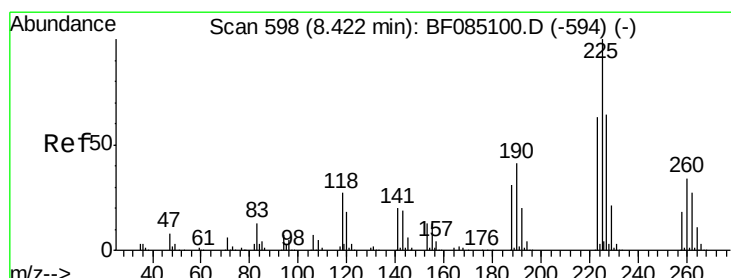
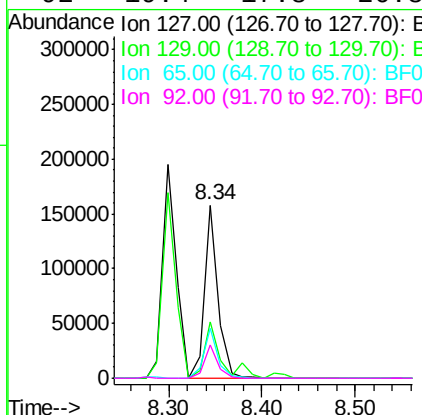
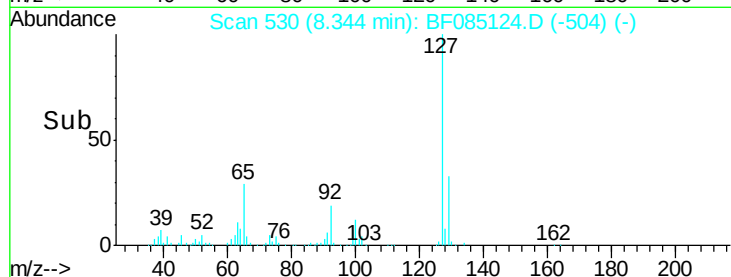
Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 162689 |       |       |
| 129     | 32.8  | 26.3   | 39.5  |       |
| 65      | 29.2  | 28.6   | 43.0  |       |
| 92      | 19.4  | 17.8   | 26.8  |       |

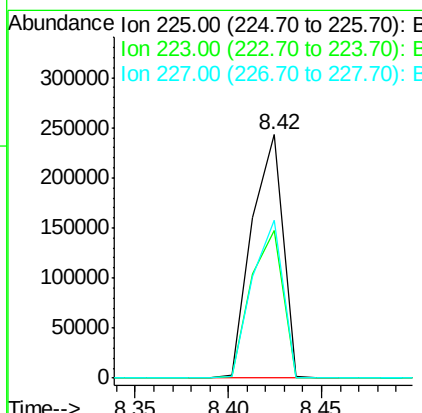
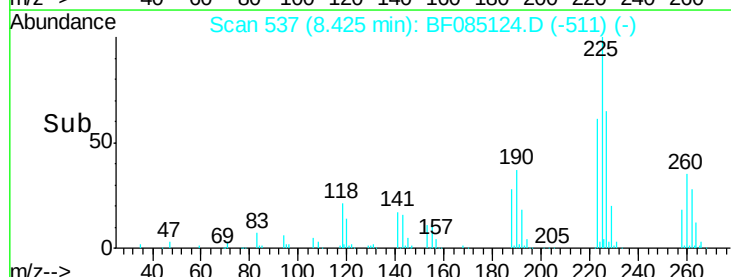
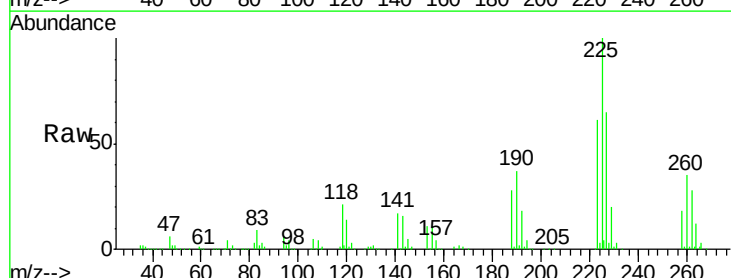
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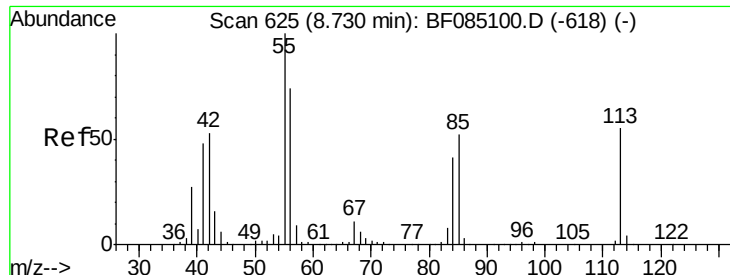
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#34  
Hexachlorobutadiene  
Concen: 48.86 ng  
RT: 8.42 min Scan# 537  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 279459 |       |       |
| 223     | 60.7  | 50.4   | 75.6  |       |
| 227     | 64.6  | 51.6   | 77.4  |       |





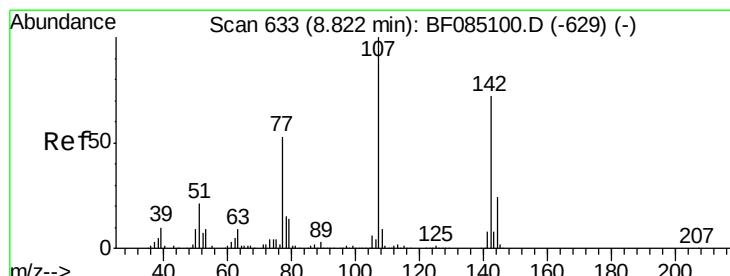
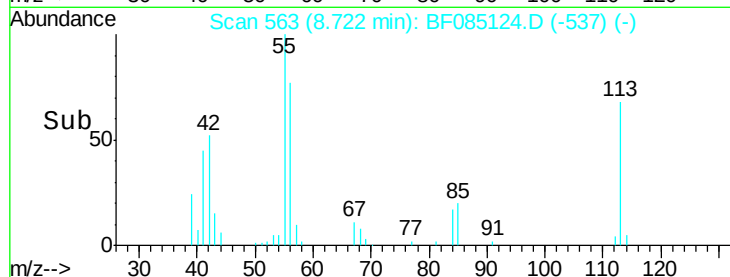
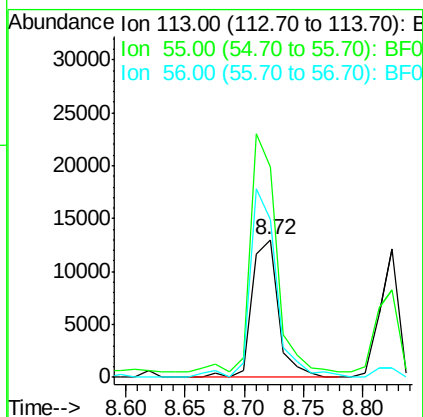
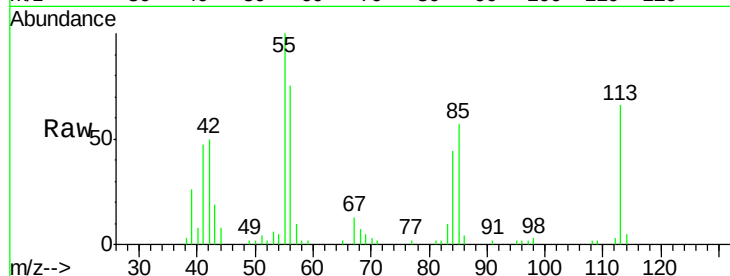
#35  
 Caprolactam  
 Concen: 7.13 ng  
 RT: 8.72 min Scan# 563  
 Delta R.T. -0.01 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 152.4 | 162.9 | 202.9# |
| 56      | 114.2 | 114.5 | 154.5# |

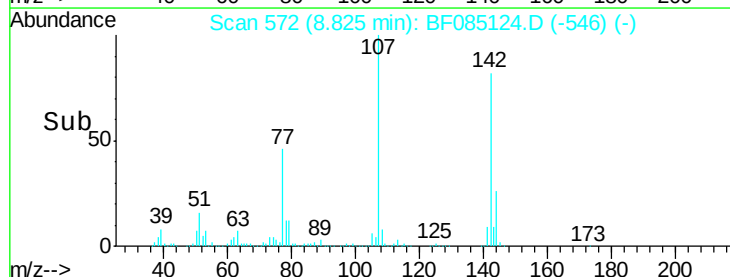
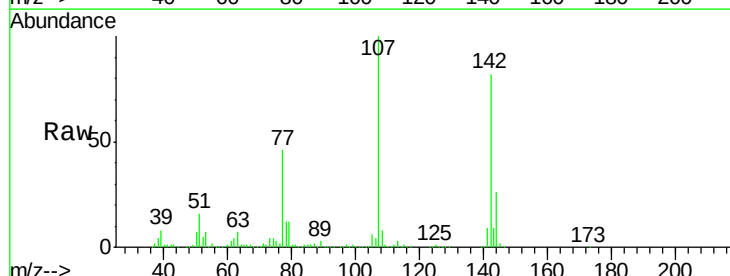
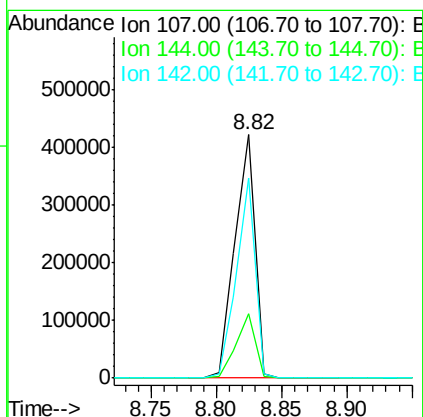
Manual Integrations  
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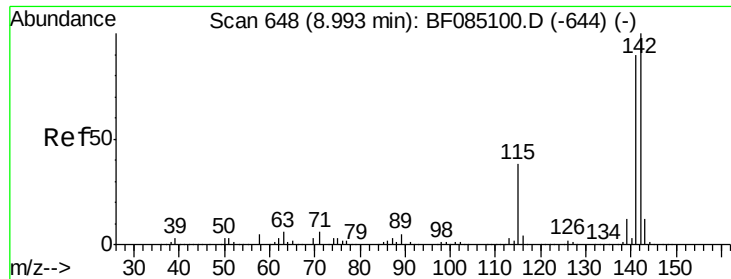
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#36  
 4-Chloro-3-methylphenol  
 Concen: 45.09 ng  
 RT: 8.82 min Scan# 572  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

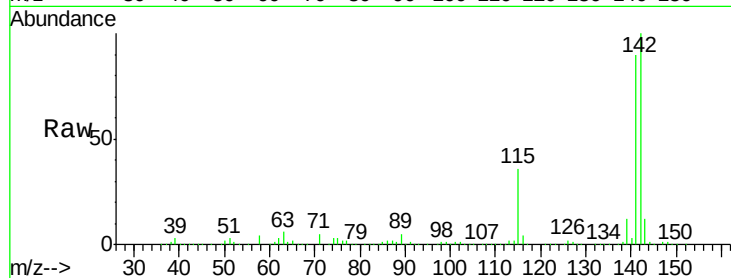
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.2  | 18.9  | 28.3  |
| 142     | 82.1  | 57.9  | 86.9  |





#37  
2-Methylnaphthalene  
Concen: 55.15 ng  
RT: 9.00 min Scan# 587  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

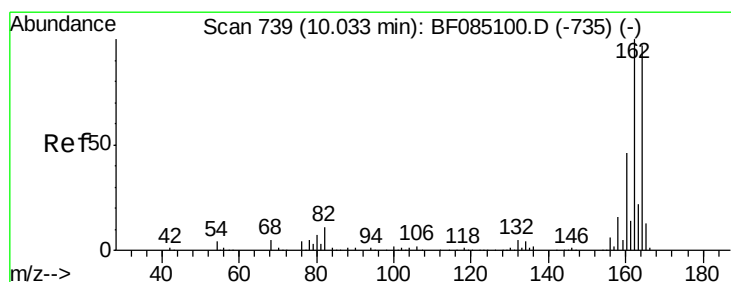
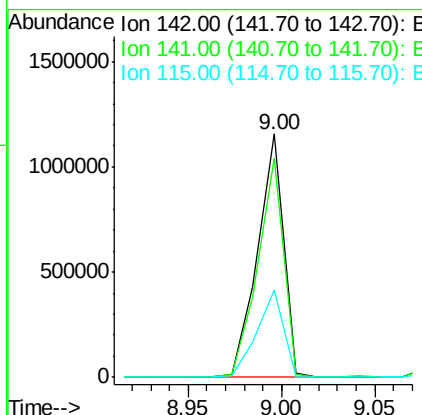
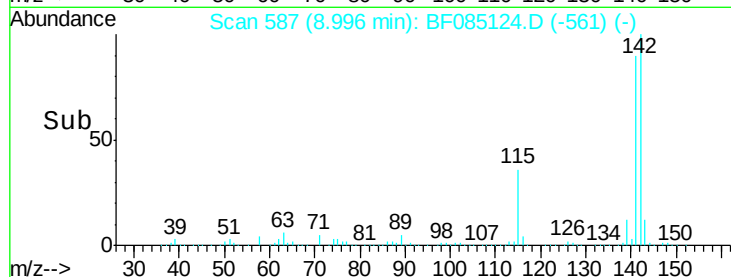
Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD



Tgt Ion:142 Resp: 1109226  
Ion Ratio Lower Upper  
142 100  
141 90.3 71.7 107.5  
115 36.1 30.1 45.1

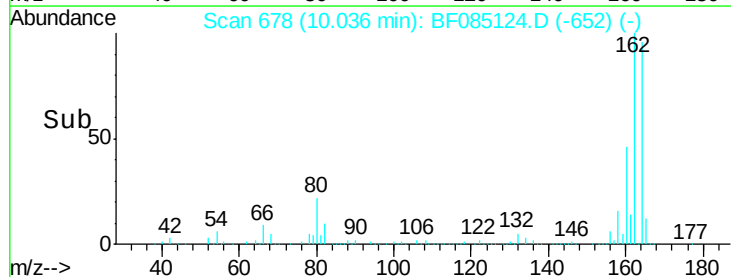
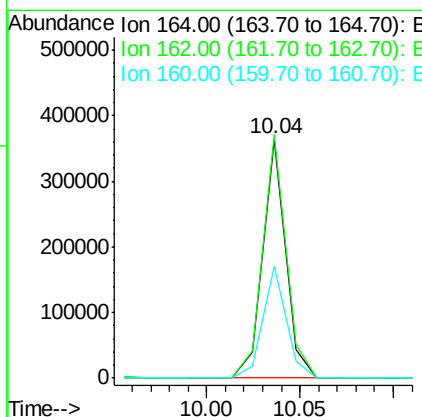
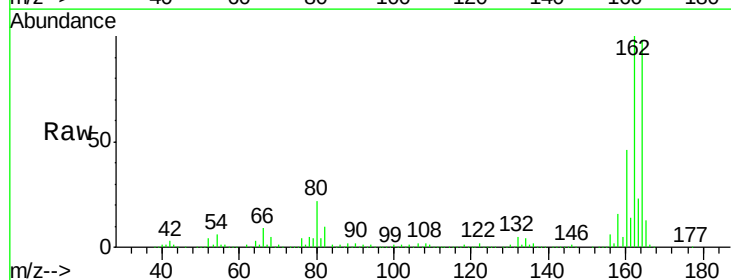
Manual Integrations  
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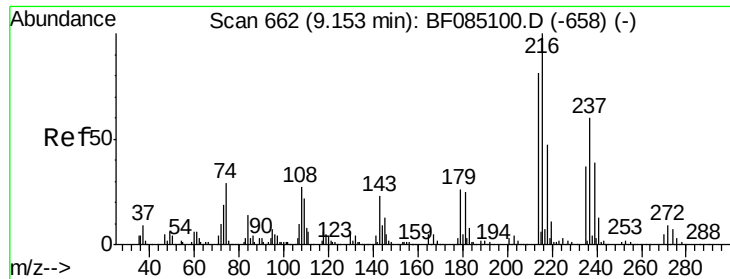
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.04 min Scan# 678  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Tgt Ion:164 Resp: 307463  
Ion Ratio Lower Upper  
164 100  
162 101.9 82.6 123.8  
160 46.8 38.2 57.2





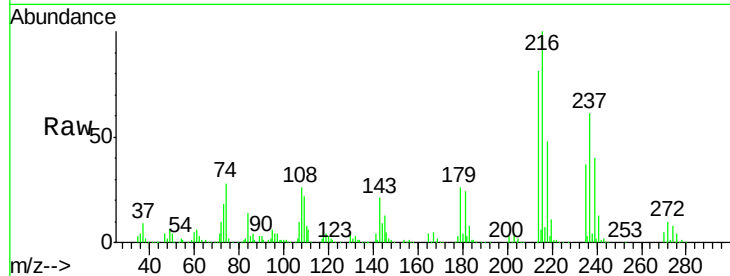
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.95 ng  
 RT: 9.16 min Scan# 601  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

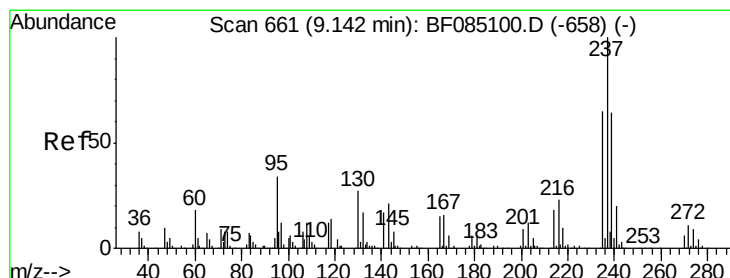
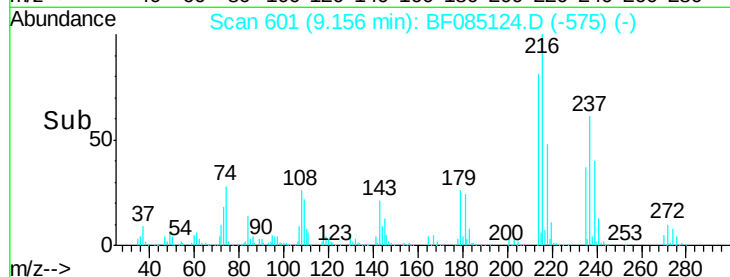
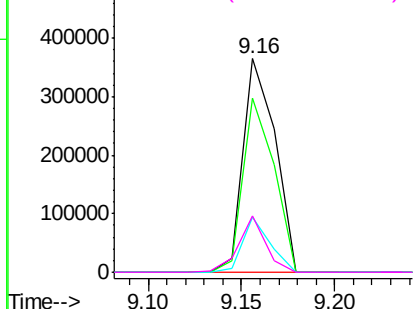
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 435092 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.2  | 63.7  | 95.5   |
| 179       | 22.2  | 18.1  | 27.1   |
| 108       | 22.5  | 17.1  | 25.7   |

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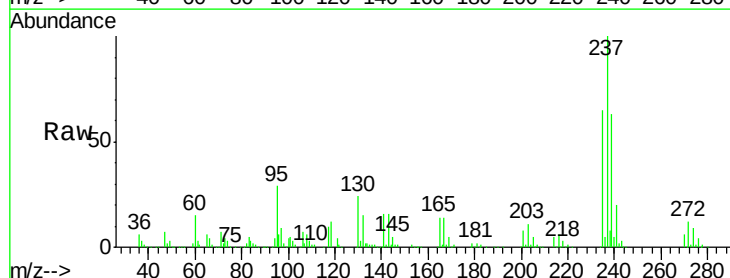


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

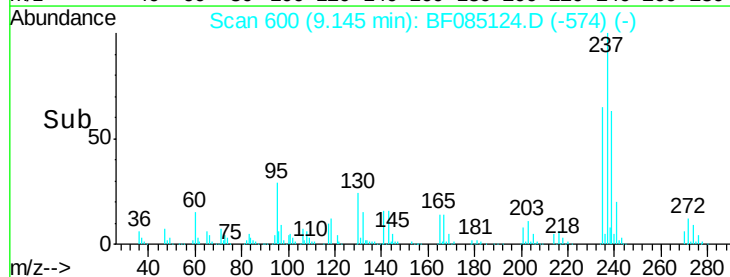
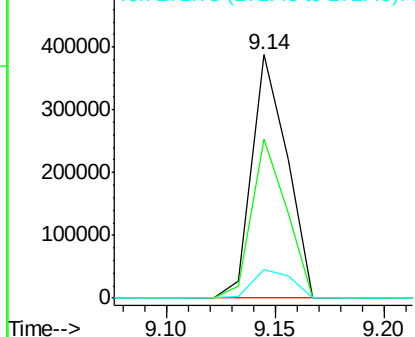


#40  
 Hexachlorocyclopentadiene  
 Concen: 81.08 ng  
 RT: 9.14 min Scan# 600  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

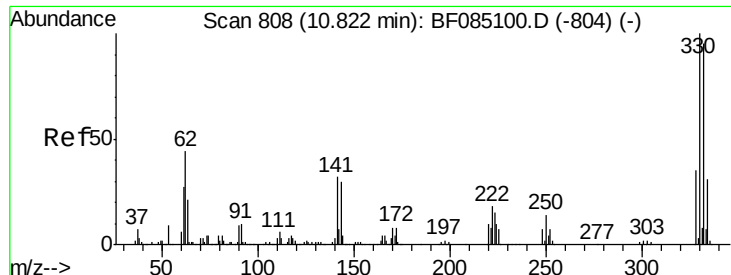
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 437093 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 65.3  | 45.3  | 85.3   |
| 272       | 12.0  | 0.0   | 31.2   |



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







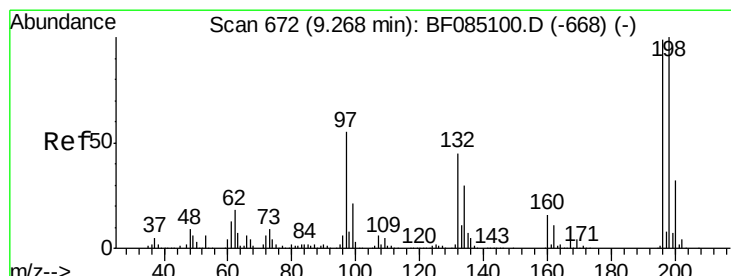
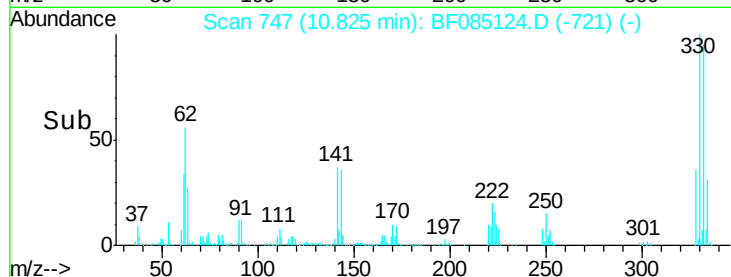
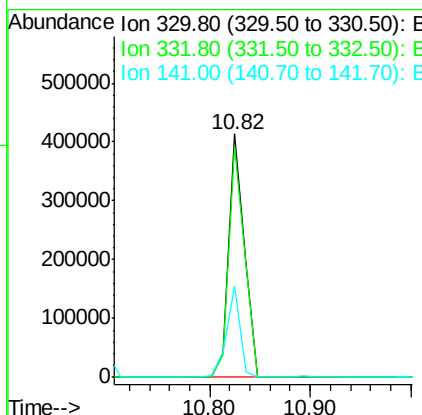
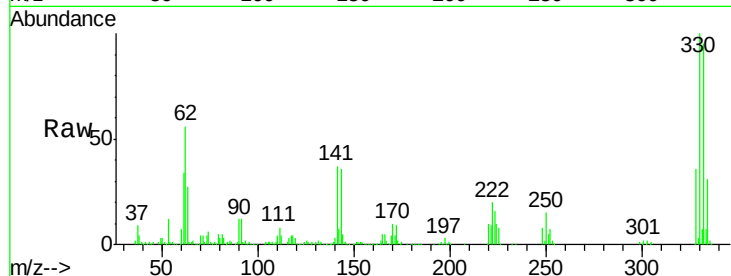
#41  
 2,4,6-Tribromophenol  
 Concen: 144.63 ng  
 RT: 10.82 min Scan# 747  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-05MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 446885 |       |       |
| 332     | 95.9  | 75.9   | 113.9 |       |
| 141     | 31.8  | 28.9   | 43.3  |       |

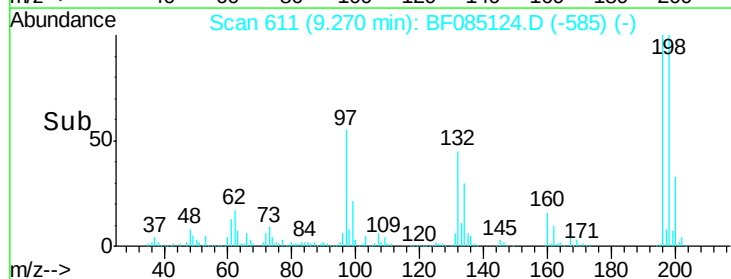
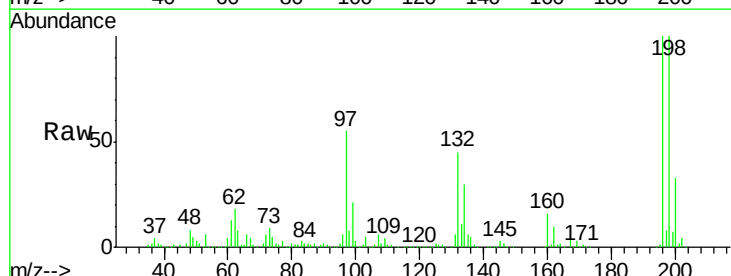
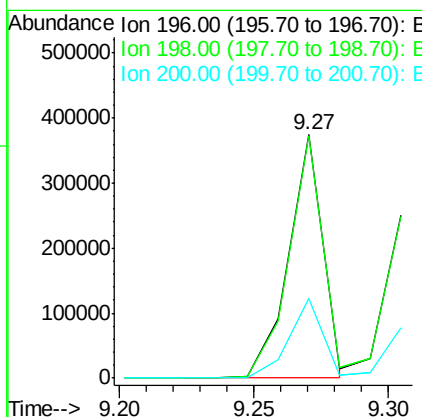
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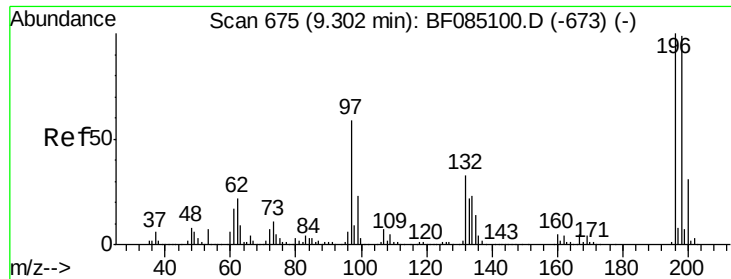
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#42  
 2,4,6-Trichlorophenol  
 Concen: 51.99 ng m  
 RT: 9.27 min Scan# 611  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

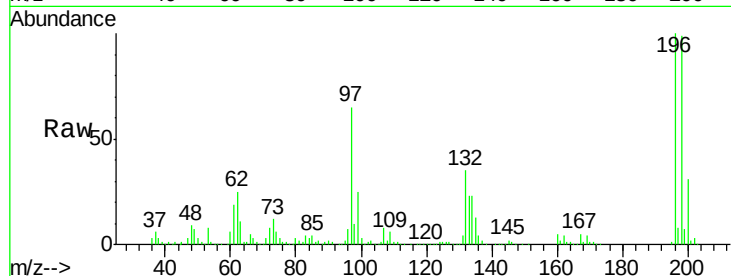
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 331416 |       |       |
| 198     | 99.5  | 80.4   | 120.6 |       |
| 200     | 32.7  | 25.8   | 38.8  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 53.94 ng m  
 RT: 9.30 min Scan# 614  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

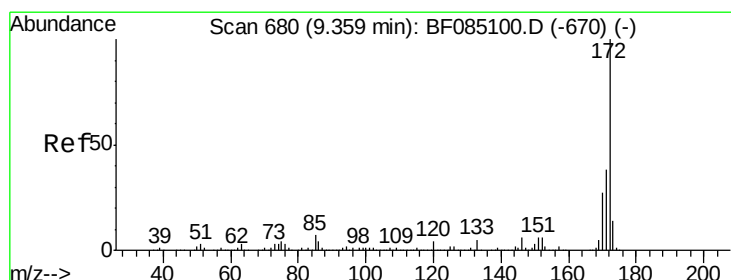
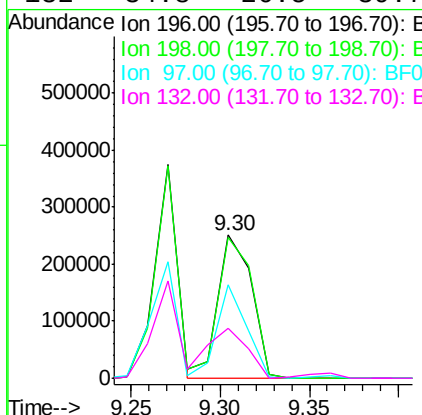
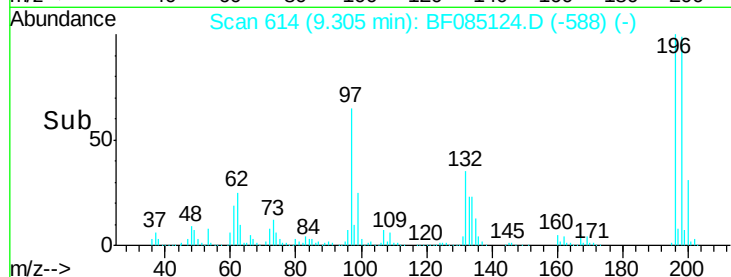
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 329507 |       |       |
| 198     | 98.9  | 79.5   | 119.3 |       |
| 97      | 65.0  | 47.3   | 70.9  |       |
| 132     | 34.8  | 26.5   | 39.7  |       |

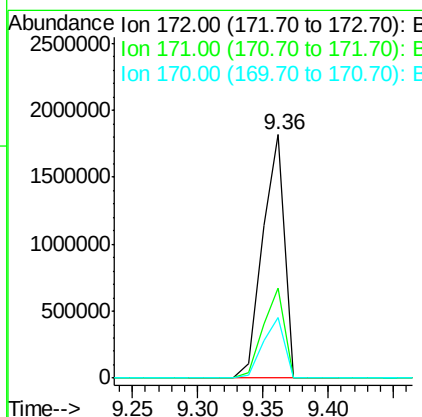
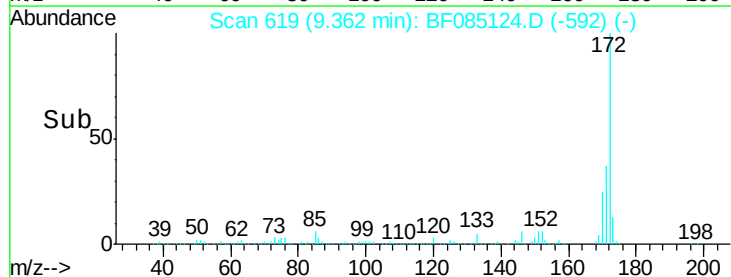
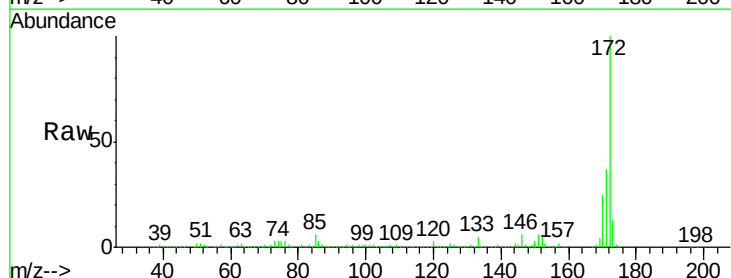
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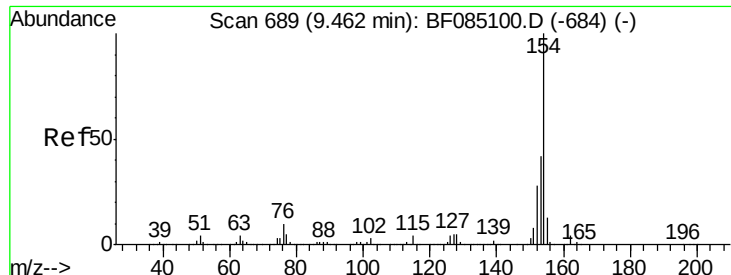
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#44  
 2-Fluorobiphenyl  
 Concen: 100.88 ng  
 RT: 9.36 min Scan# 619  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2106064 |       |       |
| 171     | 36.9  | 30.5    | 45.7  |       |
| 170     | 25.0  | 21.2    | 31.8  |       |





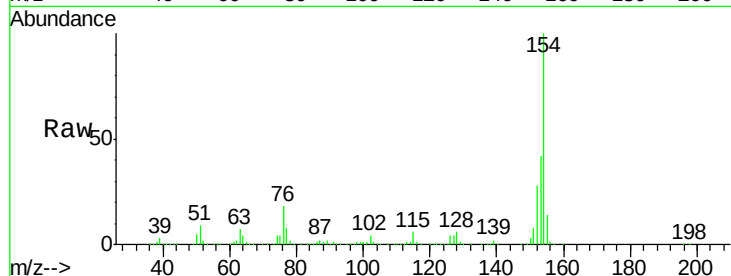
#45  
 1,1'-Biphenyl  
 Concen: 45.51 ng  
 RT: 9.45 min Scan# 627  
 Delta R.T. -0.01 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

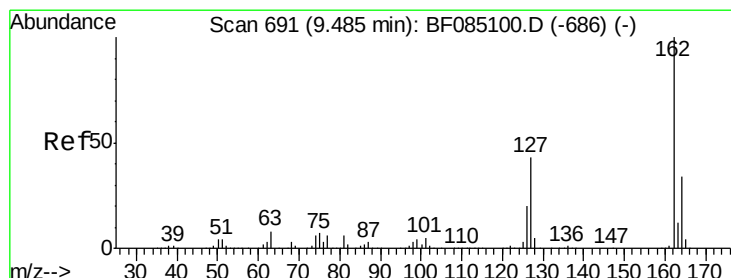
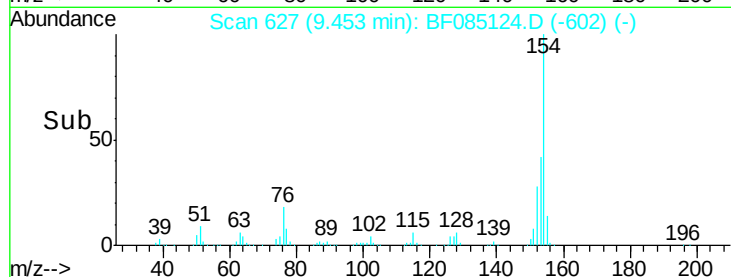
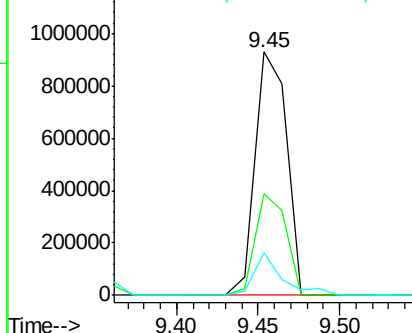
Tgt Ion:154 Resp: 1242146  
 Ion Ratio Lower Upper  
 154 100  
 153 41.9 21.5 61.5  
 76 17.5 0.0 29.7

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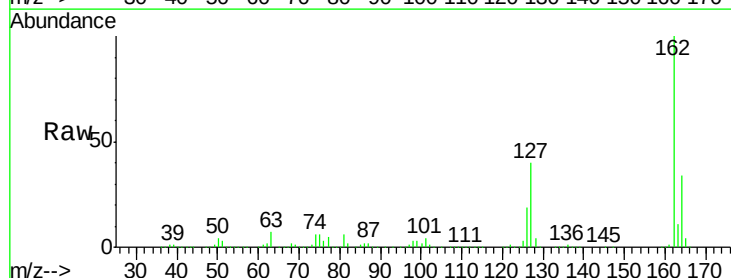


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

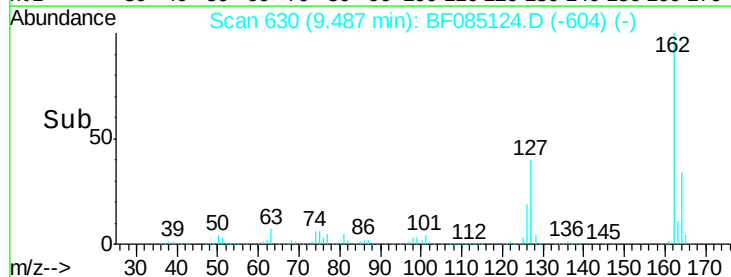
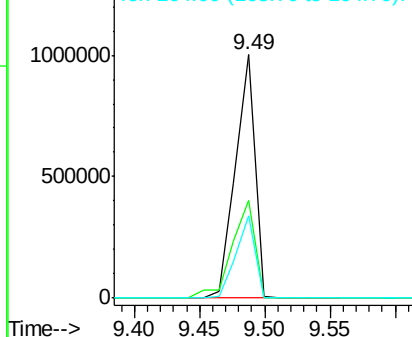


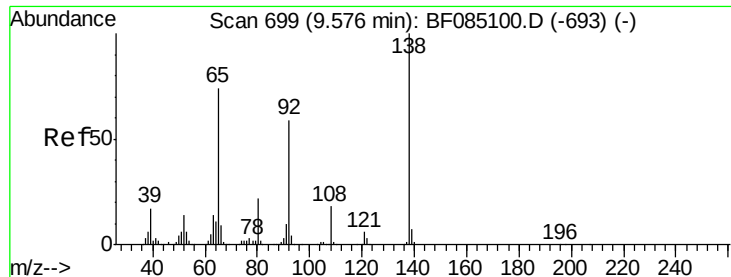
#46  
 2-Chloronaphthalene  
 Concen: 51.86 ng  
 RT: 9.49 min Scan# 630  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

Tgt Ion:162 Resp: 1032270  
 Ion Ratio Lower Upper  
 162 100  
 127 40.2 34.2 51.4  
 164 33.9 27.2 40.8



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





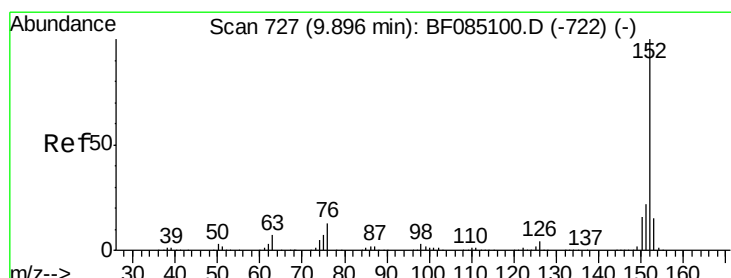
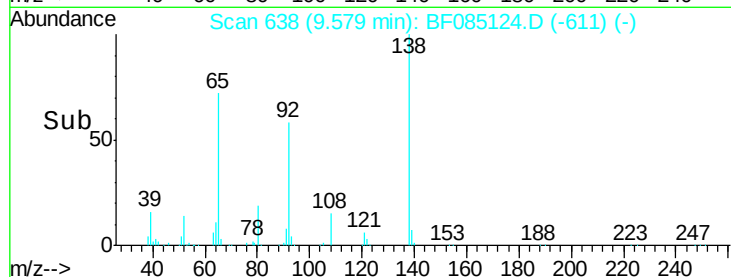
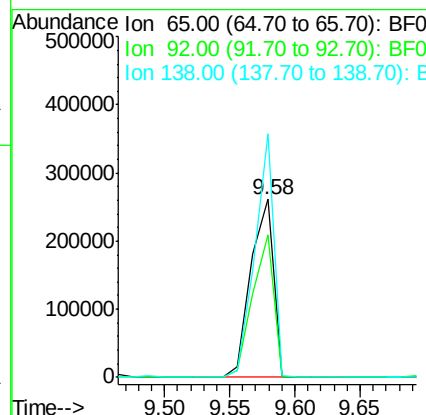
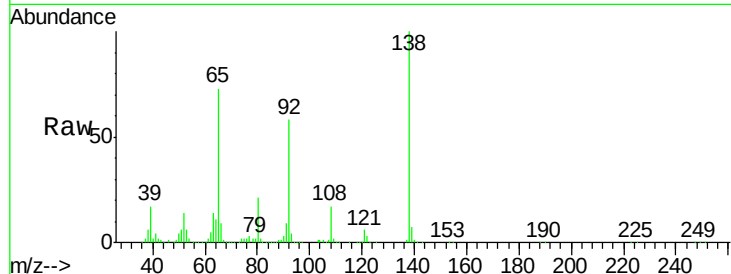
#47  
2-Nitroaniline  
Concen: 50.66 ng  
RT: 9.58 min Scan# 638  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 316596 |       |       |
| 92      | 79.9  | 63.8   | 95.6  |       |
| 138     | 137.0 | 108.5  | 162.7 |       |

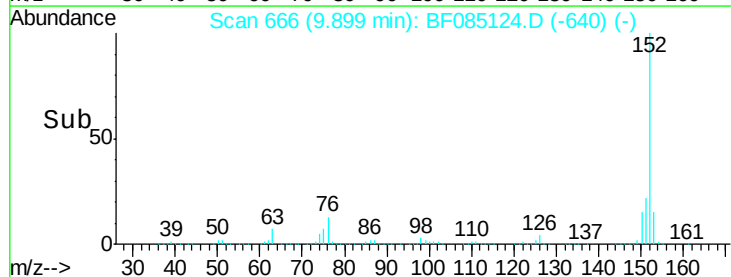
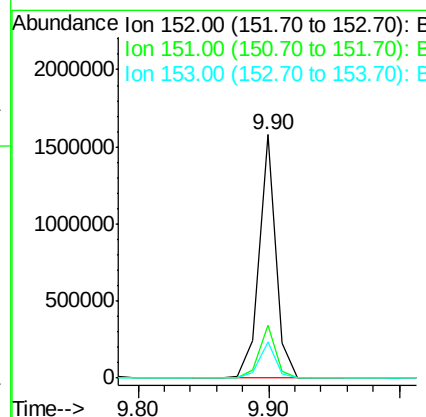
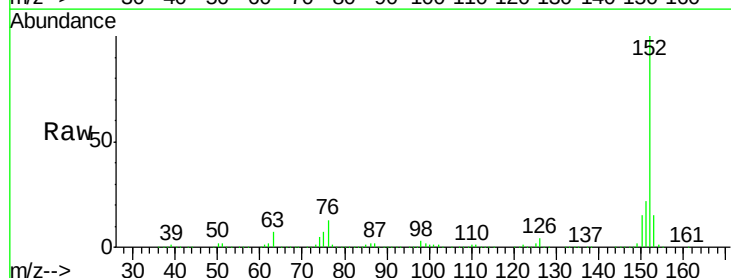
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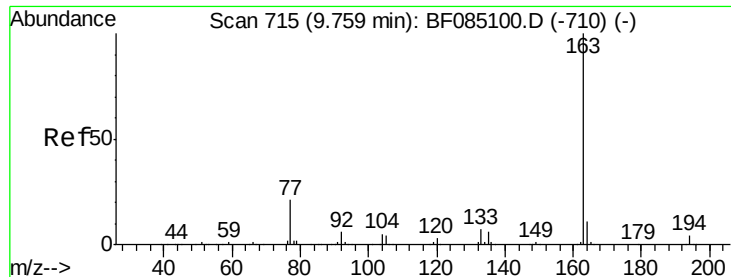
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#48  
Acenaphthylene  
Concen: 47.76 ng  
RT: 9.90 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 152     | 100   | 1412820 |       |       |
| 151     | 21.6  | 17.4    | 26.0  |       |
| 153     | 14.6  | 12.0    | 18.0  |       |





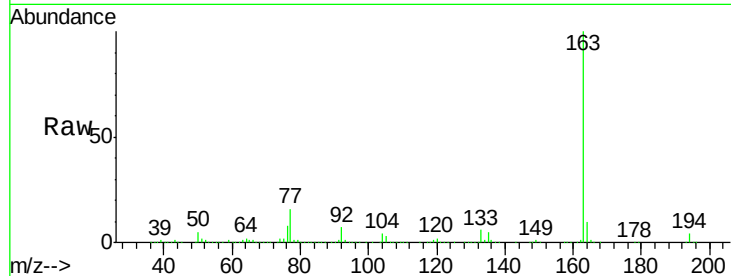
#49  
Dimethylphthalate  
Concen: 56.32 ng  
RT: 9.76 min Scan# 654  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

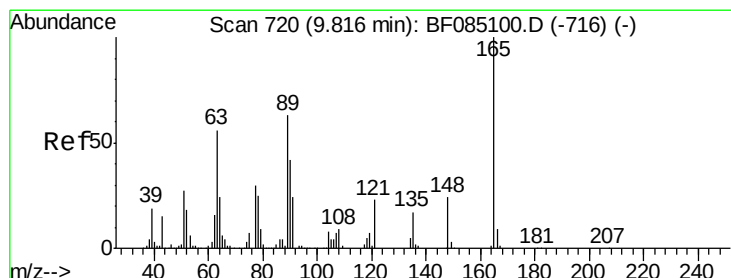
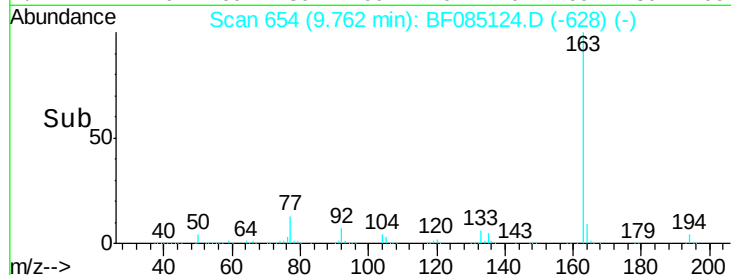
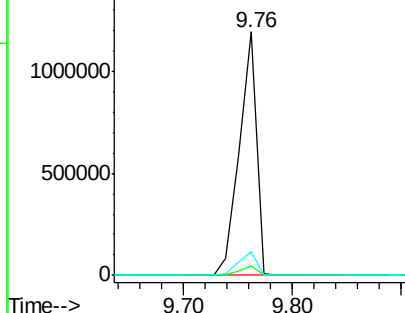
Tgt Ion:163 Resp: 1283840  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.9 4.3  
164 9.9 8.6 12.8

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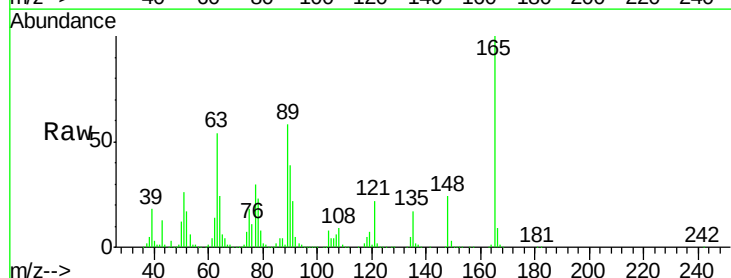


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

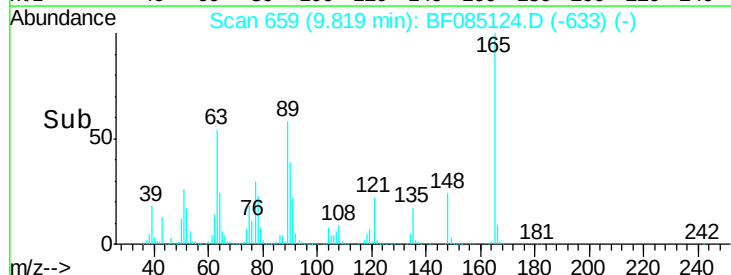
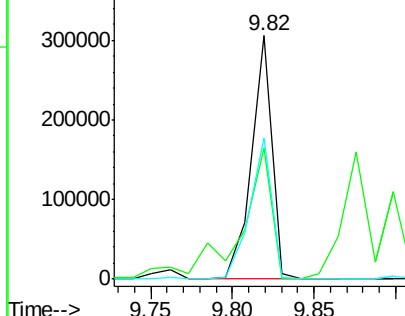


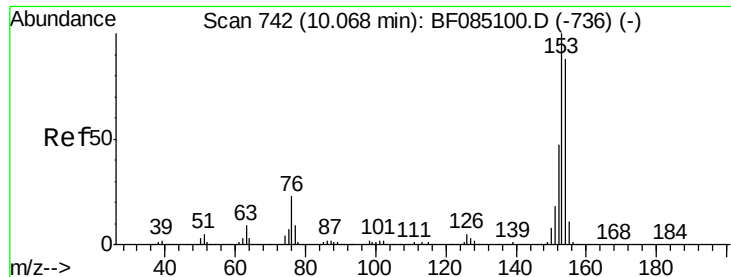
#50  
2,6-Dinitrotoluene  
Concen: 56.21 ng  
RT: 9.82 min Scan# 659  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Tgt Ion:165 Resp: 265741  
Ion Ratio Lower Upper  
165 100  
63 53.8 47.4 71.2  
89 58.0 50.2 75.2



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: 54.86 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085124.D

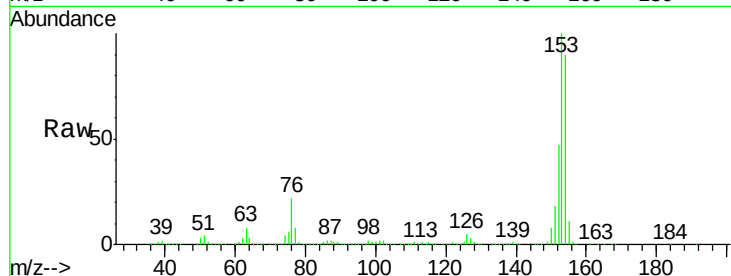
Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

MW-05MSD



Tgt Ion:154 Resp: 1018869

Ion Ratio Lower Upper

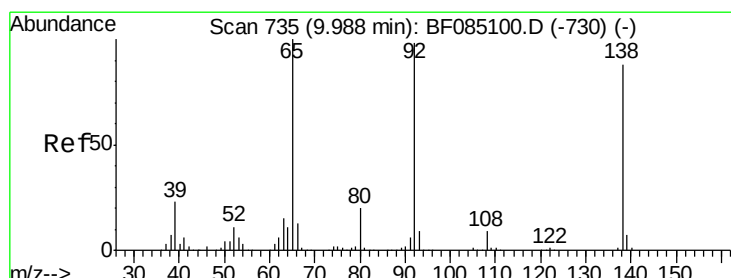
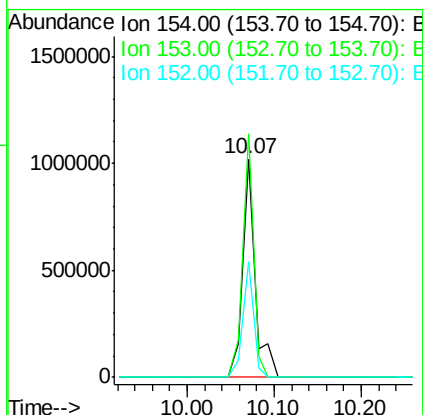
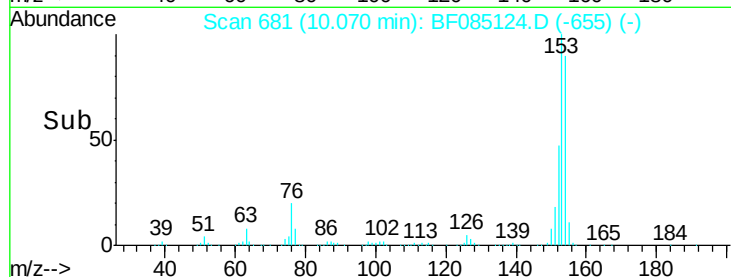
154 100

153 111.6 91.0 136.6

152 52.8 43.0 64.6

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#52

3-Nitroaniline

Concen: 11.04 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

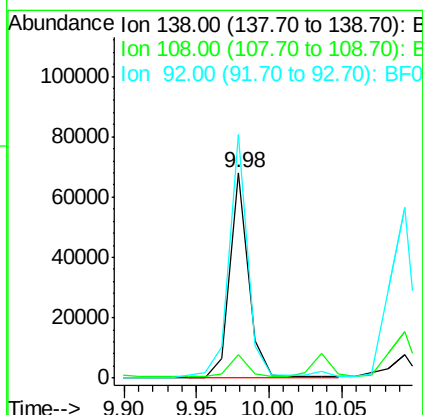
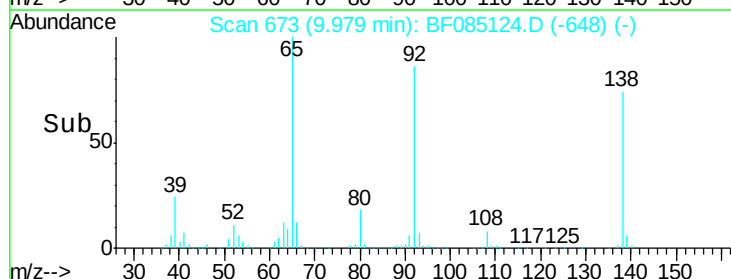
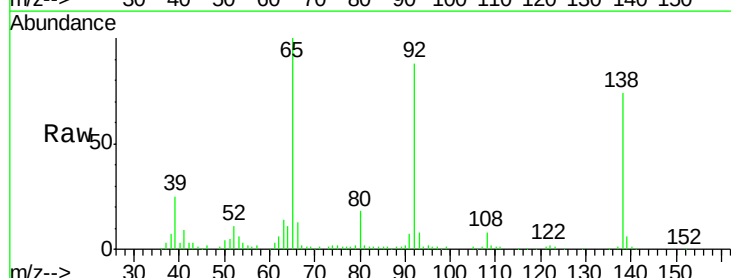
Tgt Ion:138 Resp: 62022

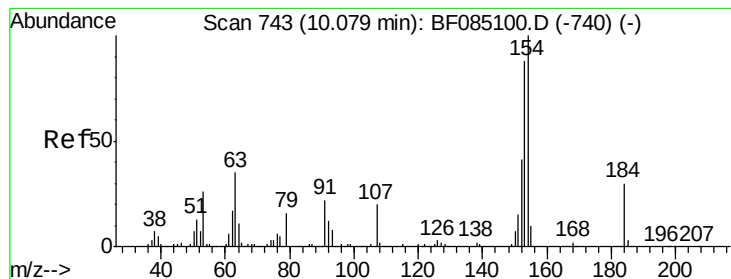
Ion Ratio Lower Upper

138 100

108 11.4 8.2 12.2

92 118.5 89.0 133.6





#53

2,4-Dinitrophenol

Concen: 89.83 ng

RT: 10.09 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF085124.D

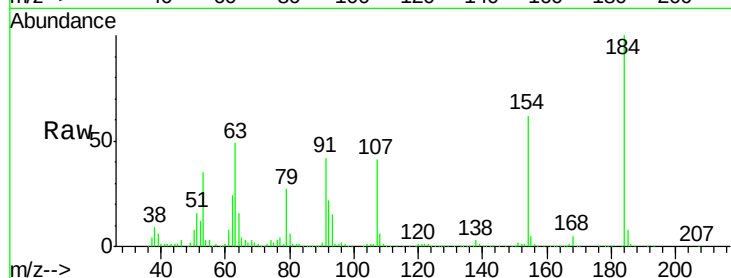
Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

MW-05MSD



Tgt Ion:184 Resp: 230397

Ion Ratio Lower Upper

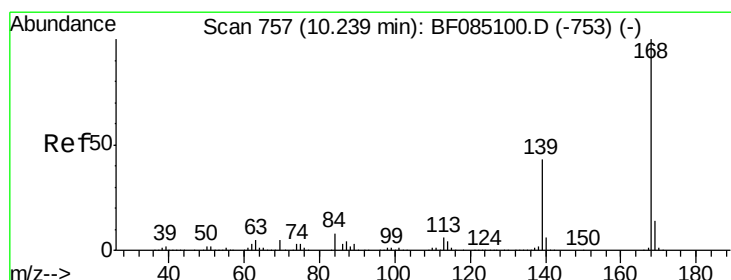
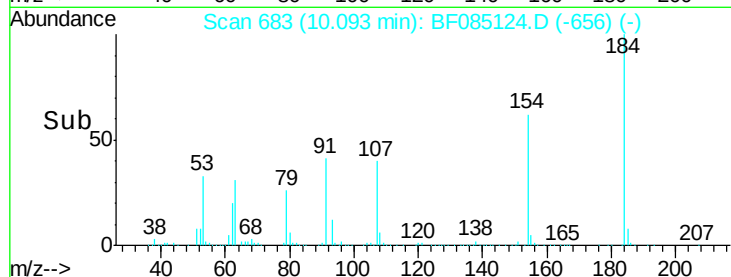
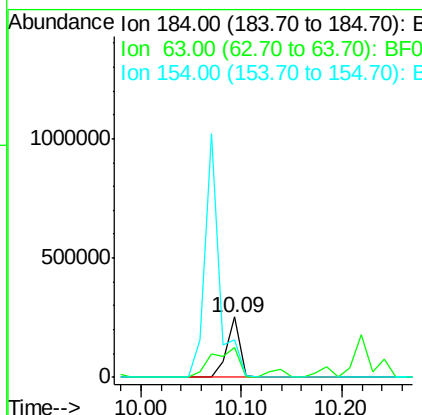
184 100

63 49.4 94.0 141.0#

154 62.2 269.8 404.8#

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#54

Dibenzofuran

Concen: 52.15 ng

RT: 10.24 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

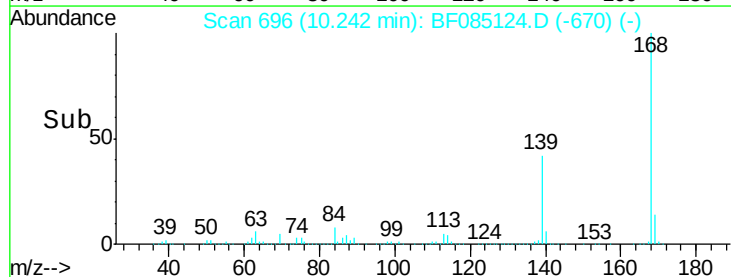
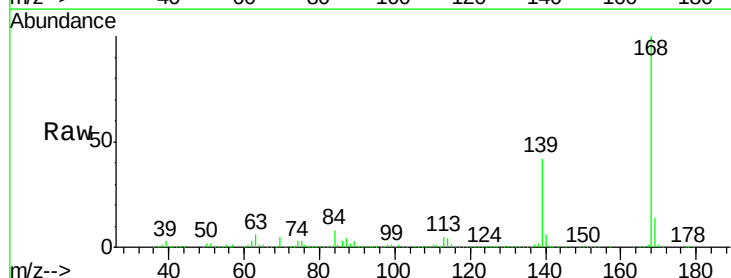
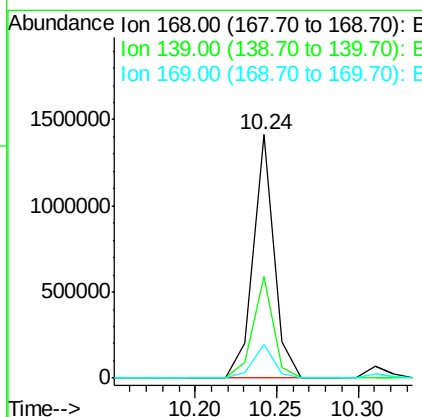
Tgt Ion:168 Resp: 1257362

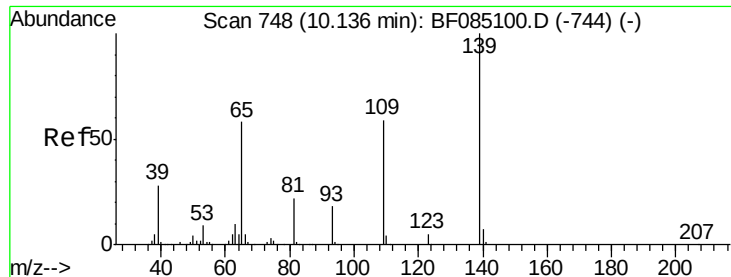
Ion Ratio Lower Upper

168 100

139 41.9 34.2 51.2

169 14.0 11.4 17.2





#55

4-Nitrophenol

Concen: 32.53 ng

RT: 10.14 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

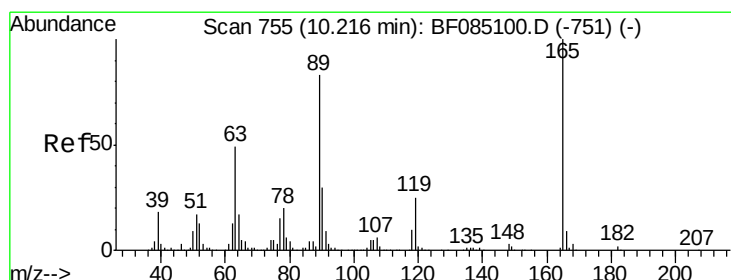
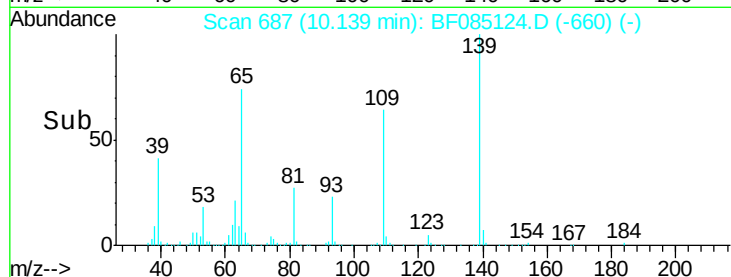
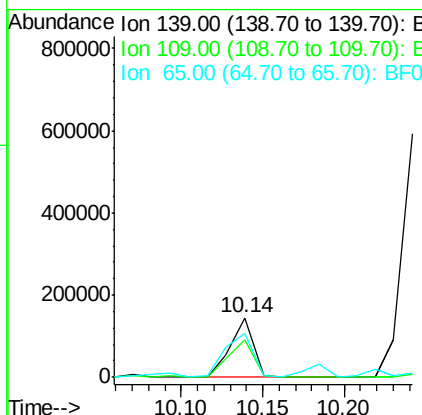
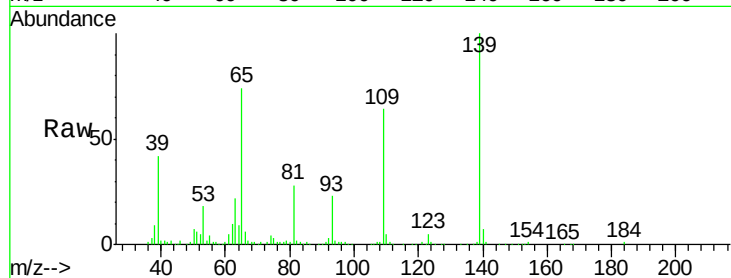
ClientSampleId :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 140183 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 64.0  | 39.5  | 79.5   |
| 65        | 74.5  | 38.4  | 78.4   |

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#56

2,4-Dinitrotoluene

Concen: 51.20 ng

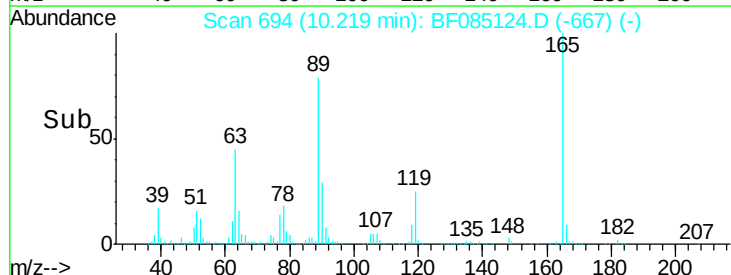
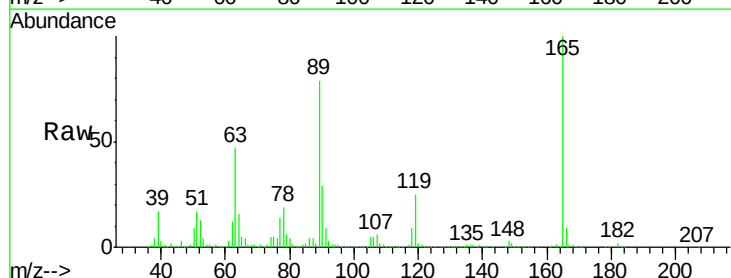
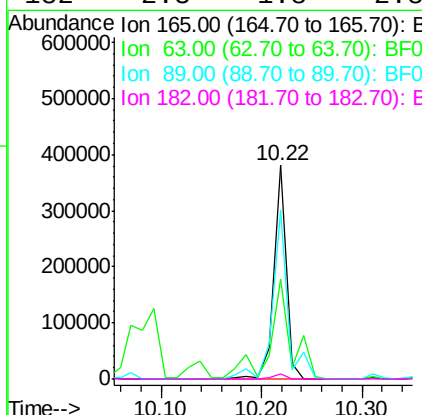
RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

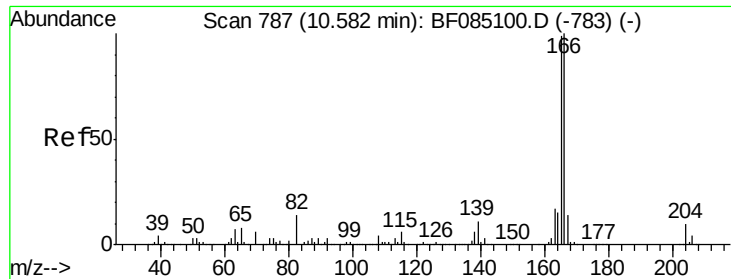
Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 326151 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 46.5  | 39.2  | 58.8   |
| 89        | 78.8  | 66.2  | 99.4   |
| 182       | 2.3   | 1.8   | 2.8    |







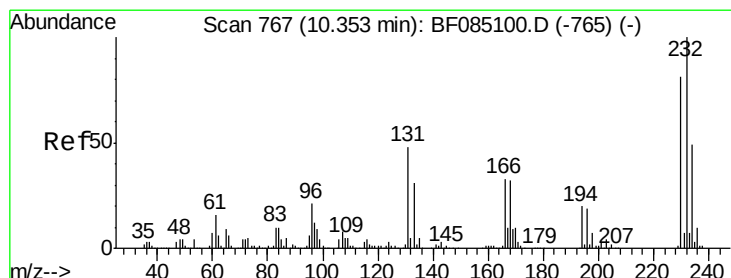
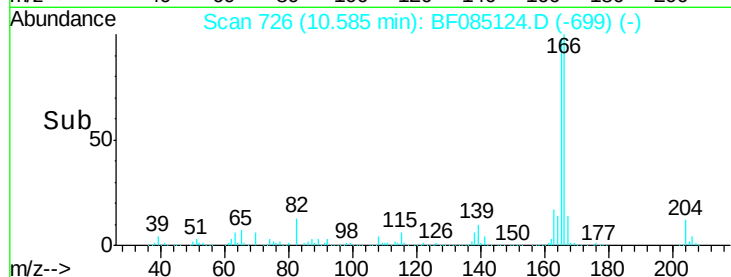
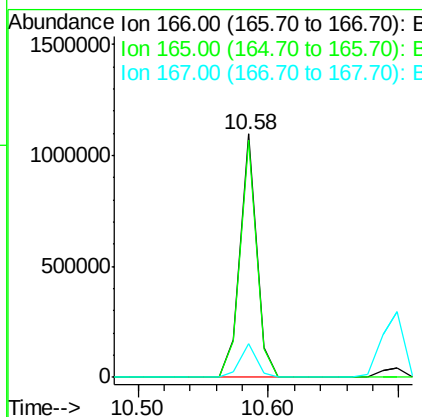
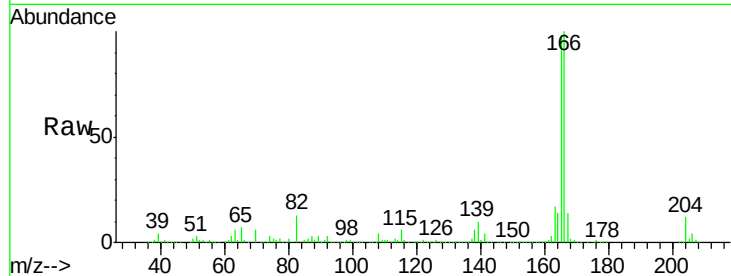
#57  
Fluorene  
Concen: 50.97 ng  
RT: 10.58 min Scan# 726  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampled :  
MW-05MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 966423 |       |       |
| 165     | 97.6  | 79.4   | 119.2 |       |
| 167     | 13.7  | 11.2   | 16.8  |       |

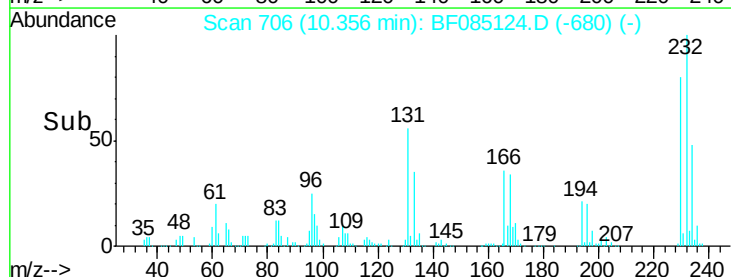
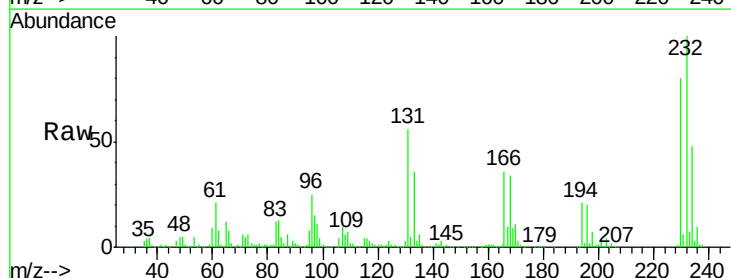
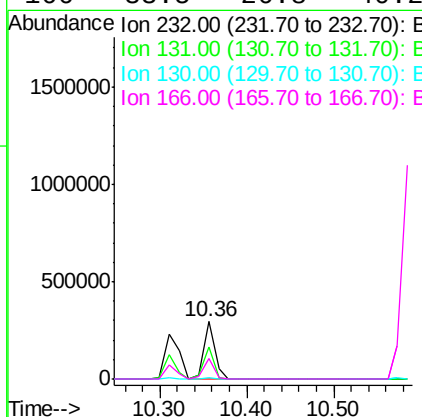
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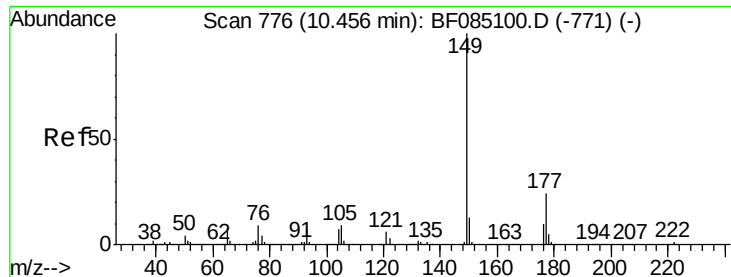
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#58  
2,3,4,6-Tetrachlorophenol  
Concen: 55.41 ng  
RT: 10.36 min Scan# 706  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 256403 |       |       |
| 131     | 52.2  | 41.6   | 62.4  |       |
| 130     | 2.8   | 2.1    | 3.1   |       |
| 166     | 33.5  | 26.8   | 40.2  |       |





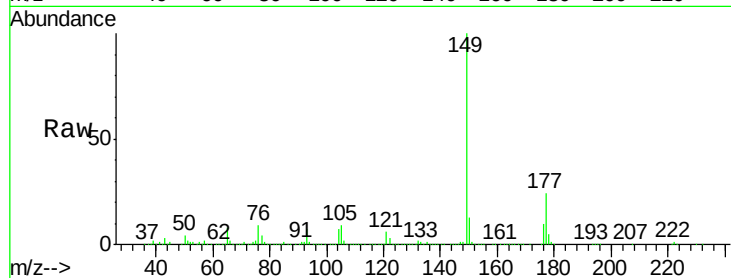
#59  
Diethylphthalate  
Concen: 52.61 ng  
RT: 10.46 min Scan# 715  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

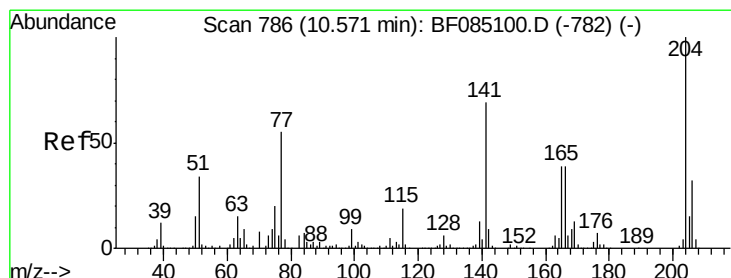
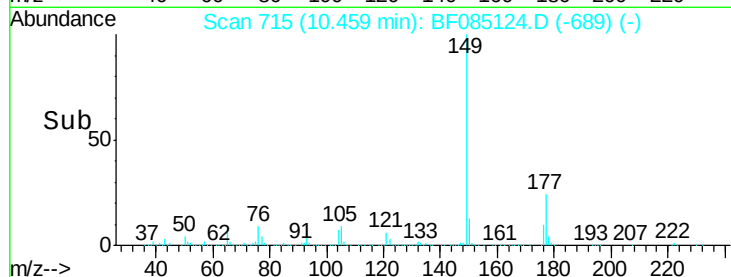
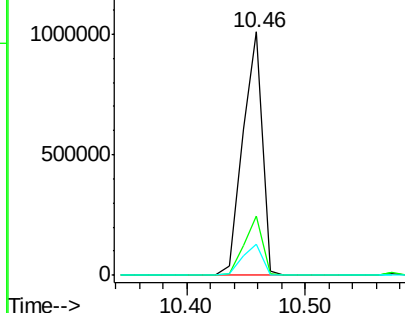
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.3  | 19.4  | 29.2  |
| 150     | 12.8  | 10.1  | 15.1  |

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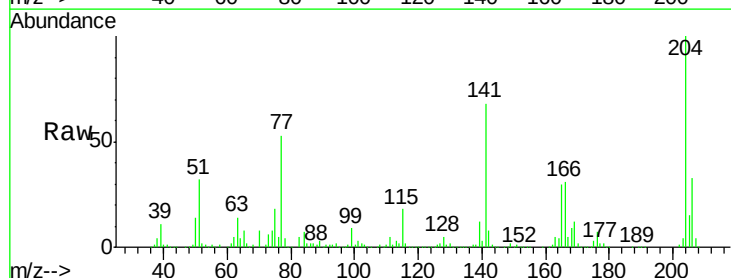


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

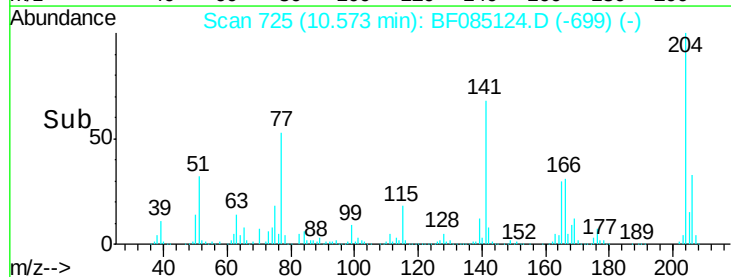
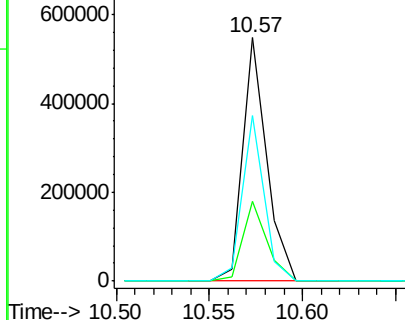


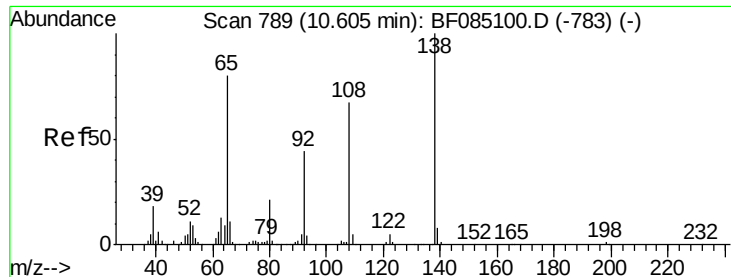
#60  
4-Chlorophenyl-phenylether  
Concen: 49.86 ng  
RT: 10.57 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 25.7  | 38.5  |
| 141     | 68.1  | 55.3  | 82.9  |



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





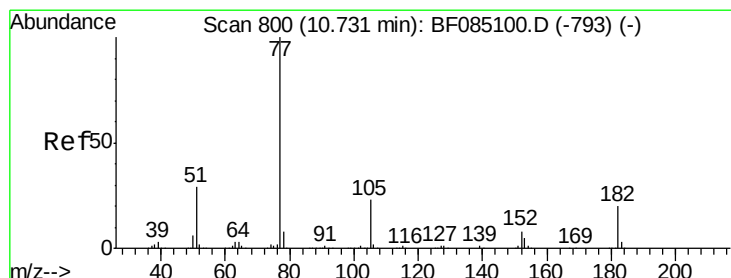
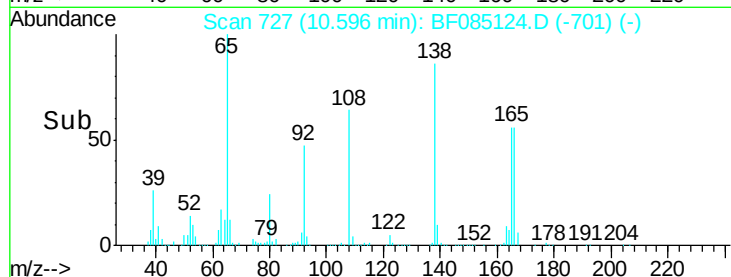
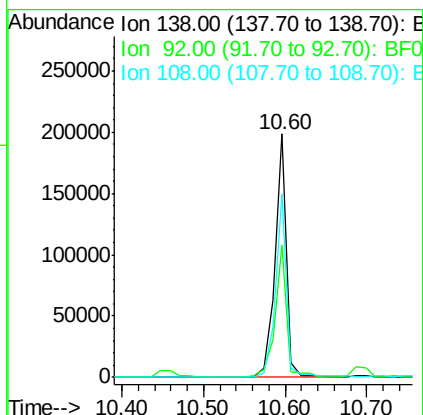
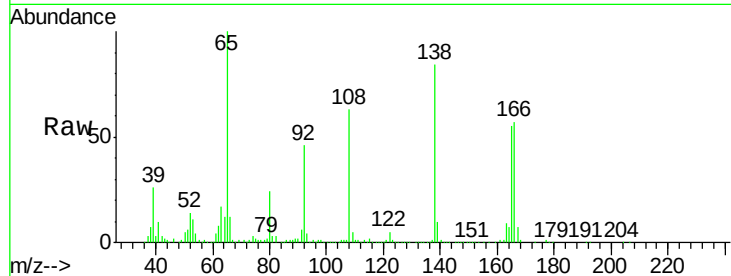
#61  
4-Nitroaniline  
Concen: 37.83 ng  
RT: 10.60 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampled :  
MW-05MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.5  | 23.5  | 63.5  |
| 108     | 75.1  | 46.8  | 86.8  |

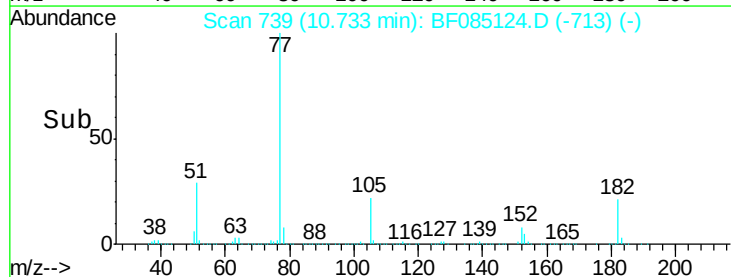
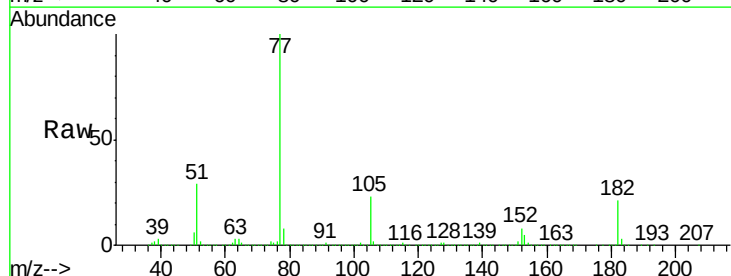
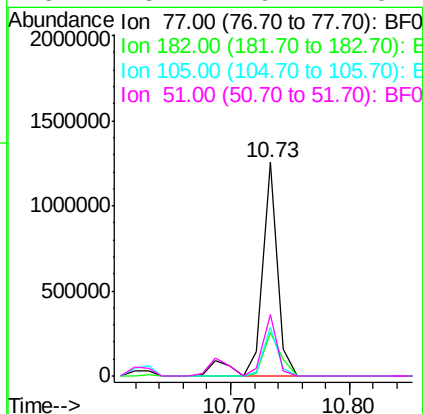
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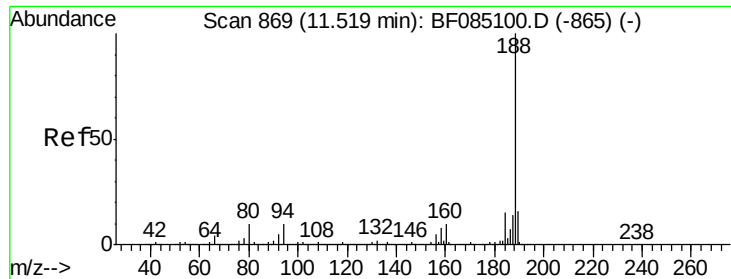
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#62  
Azobenzene  
Concen: 53.15 ng  
RT: 10.73 min Scan# 739  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 20.6  | 0.0   | 39.8  |
| 105     | 22.5  | 2.7   | 42.7  |
| 51      | 28.7  | 9.4   | 49.4  |





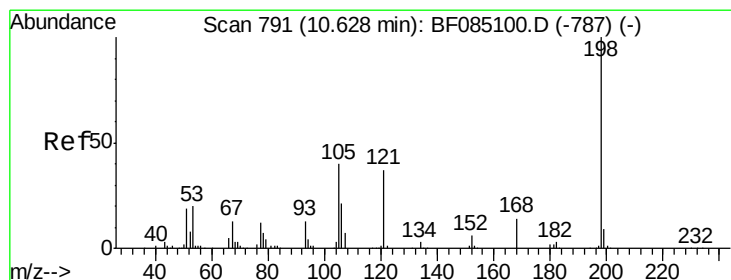
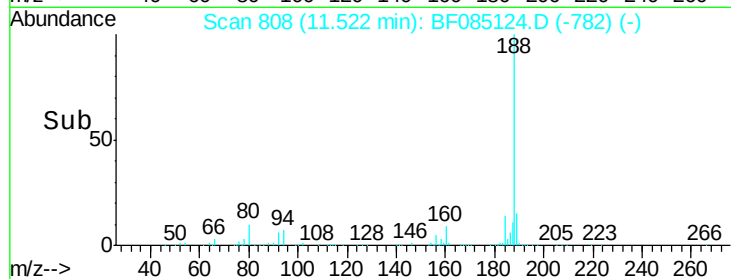
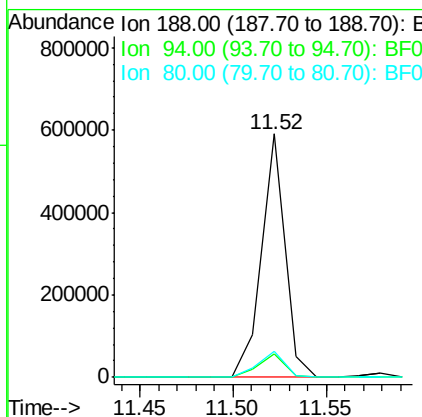
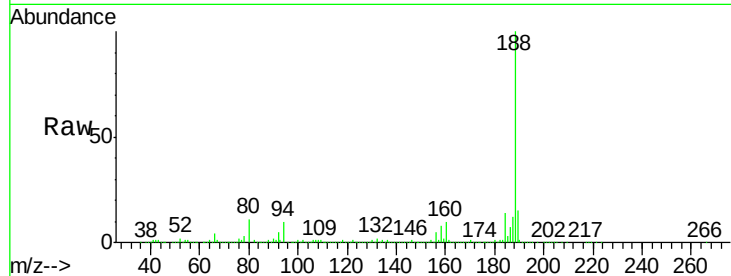
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.52 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 9.8   | 7.8        | 11.6       |
| 80      | 10.7  | 8.2        | 12.4       |

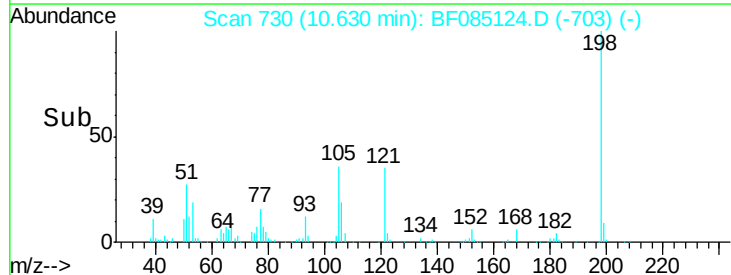
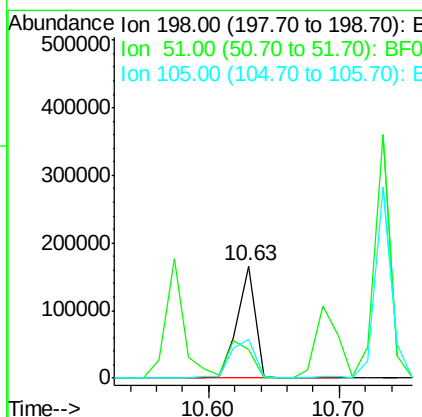
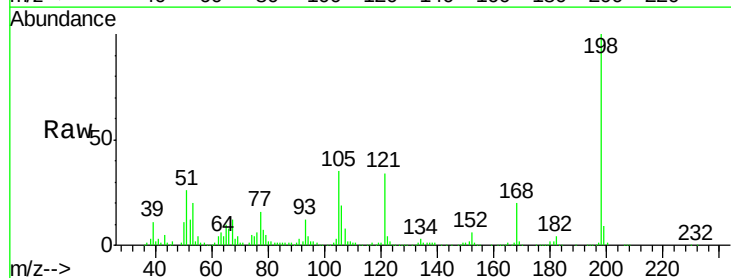
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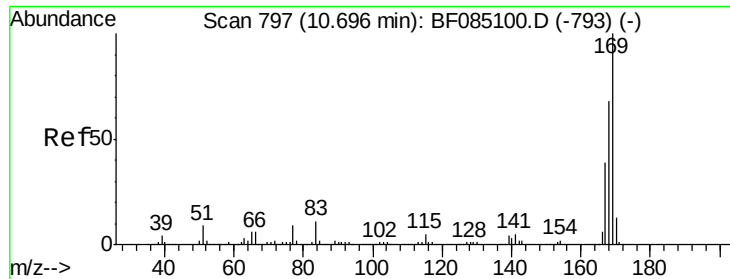
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 51.33 ng  
RT: 10.63 min Scan# 730  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 26.0  | 12.5       | 52.5       |
| 105     | 34.7  | 20.2       | 60.2       |





#65

n-Nitrosodiphenylamine

Concen: 57.34 ng

RT: 10.70 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

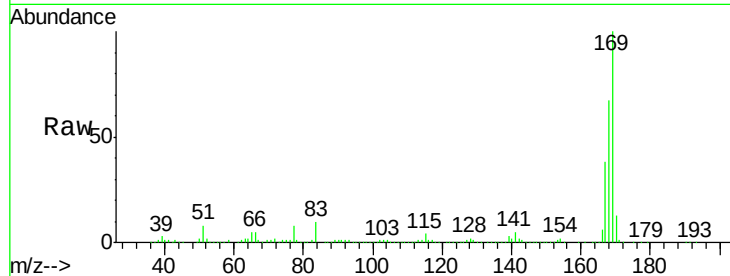
ClientSampled :

MW-05MSD

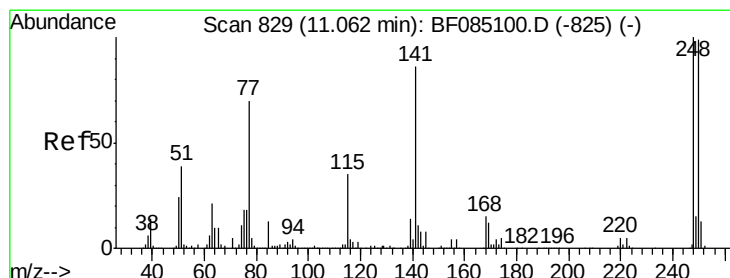
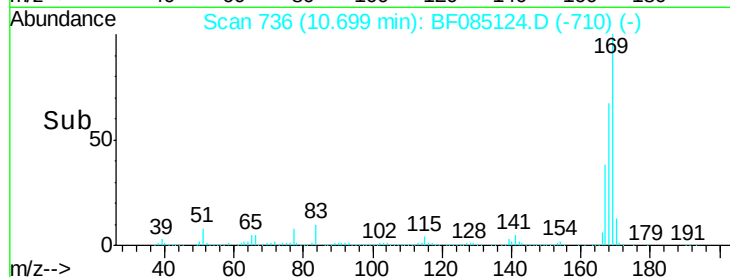
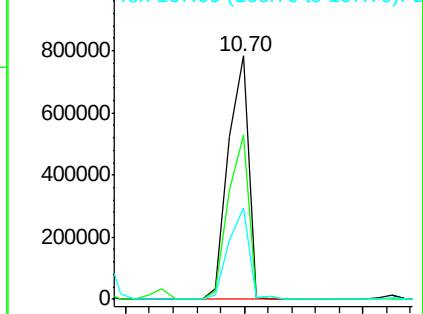
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 925194 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.2  | 54.6  | 81.8   |
| 167       | 37.6  | 30.8  | 46.2   |

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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: 56.16 ng

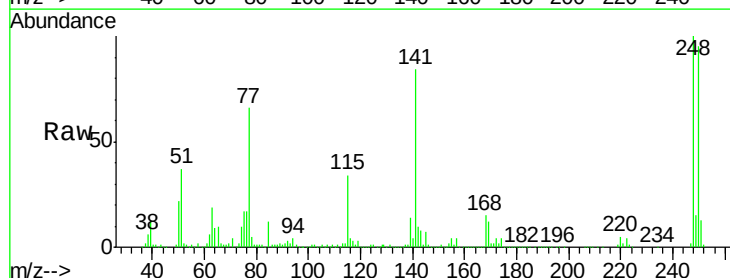
RT: 11.06 min Scan# 768

Delta R.T. 0.00 min

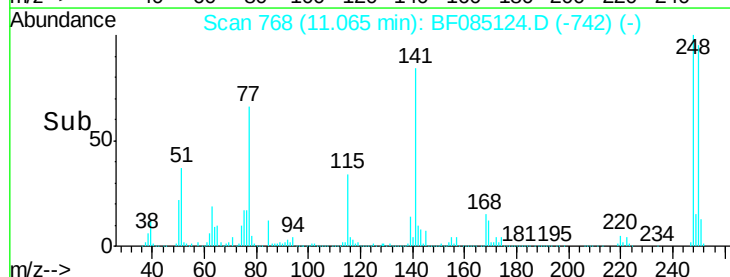
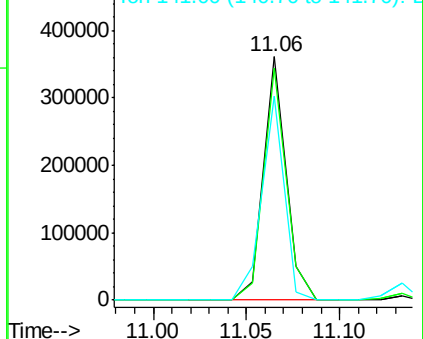
Lab File: BF085124.D

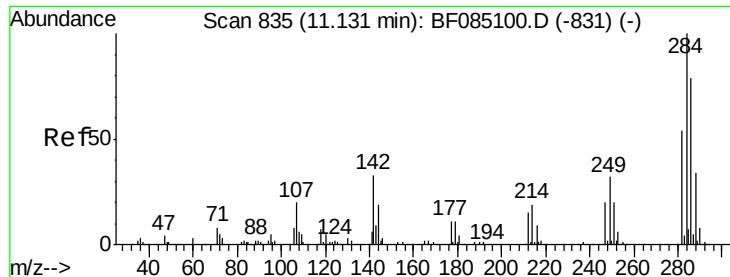
Acq: 2 Mar 2016 17:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 301892 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 95.2  | 79.0  | 118.4  |
| 141       | 83.7  | 68.6  | 103.0  |



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





#67

Hexachlorobenzene

Concen: 53.88 ng

RT: 11.13 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF085124.D

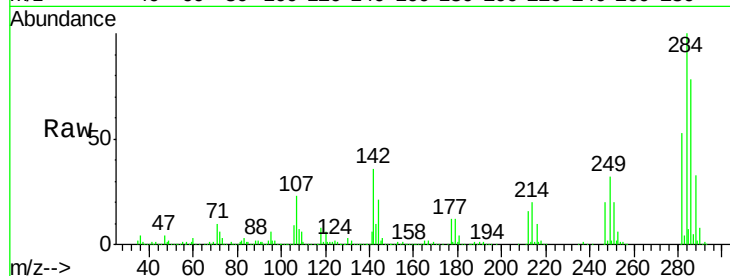
Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

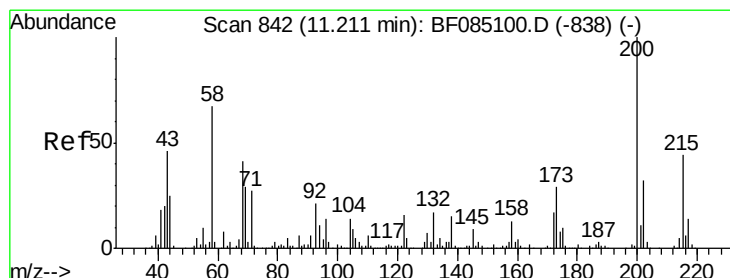
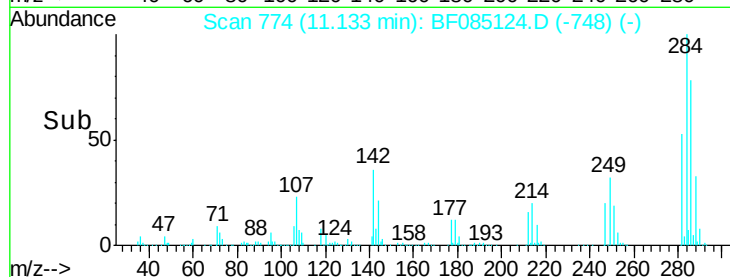
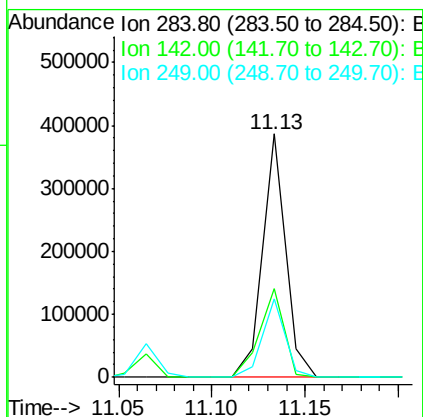
MW-05MSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 326991 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 36.2  | 26.3  | 39.5   |
| 249       | 32.4  | 25.8  | 38.6   |

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#68

Atrazine

Concen: 59.27 ng

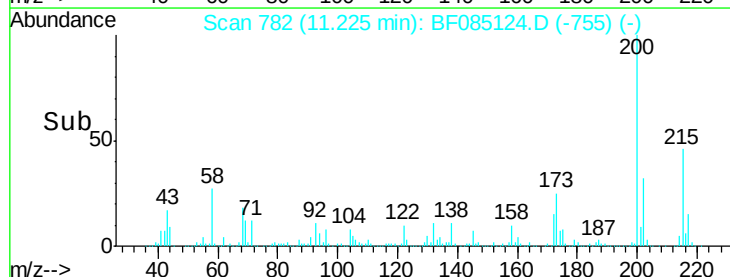
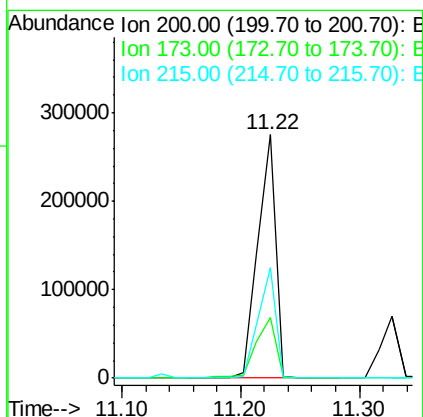
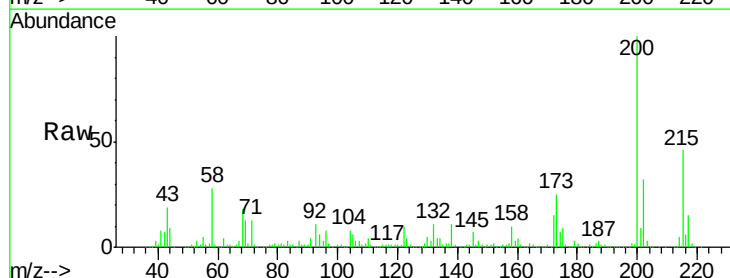
RT: 11.22 min Scan# 782

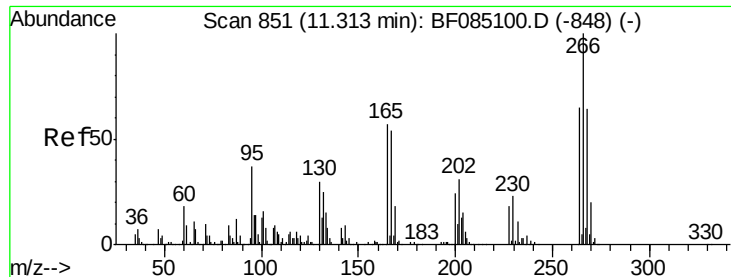
Delta R.T. 0.01 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 291767 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 25.1  | 9.4   | 49.4   |
| 215       | 45.5  | 23.6  | 63.6   |





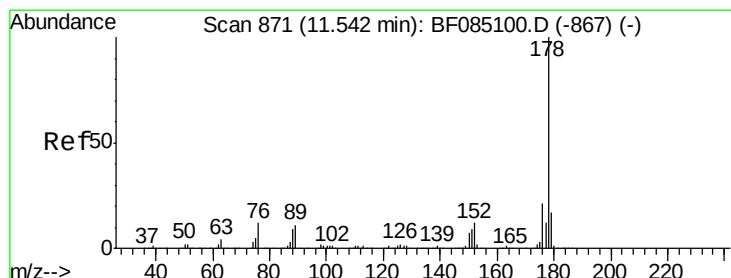
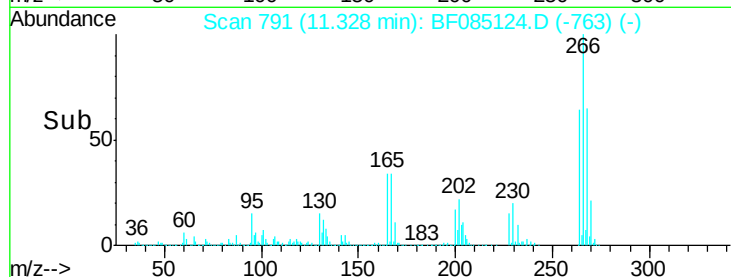
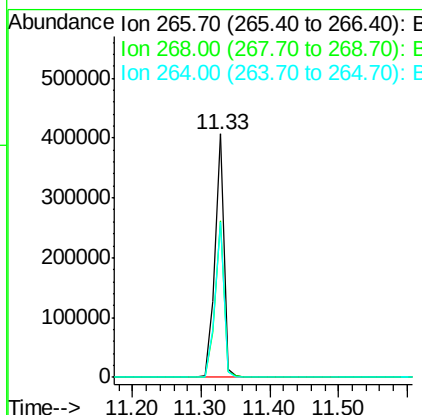
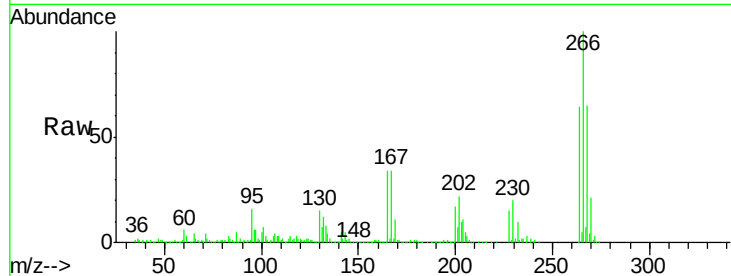
#69  
 Pentachlorophenol  
 Concen: 107.89 ng  
 RT: 11.33 min Scan# 791  
 Delta R.T. 0.01 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-05MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 384196 |       |       |
| 268     | 64.5  | 51.0   | 76.6  |       |
| 264     | 63.8  | 52.3   | 78.5  |       |

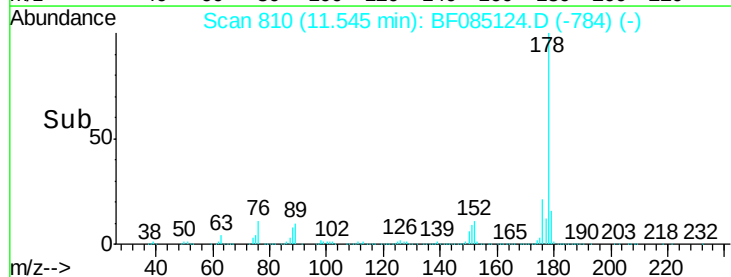
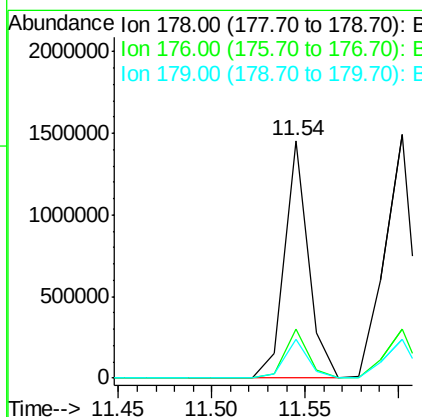
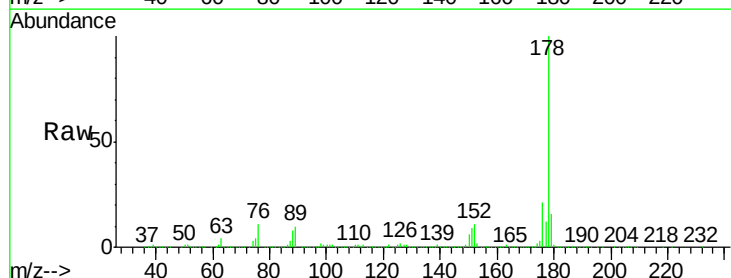
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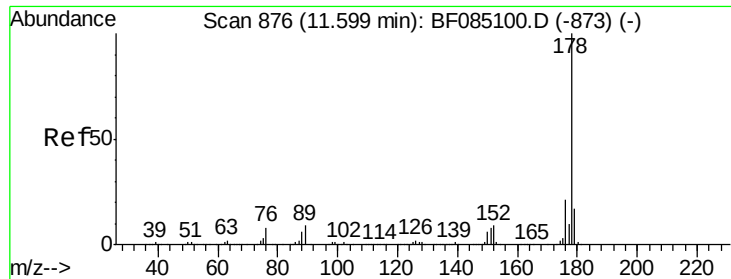
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#70  
 Phenanthrene  
 Concen: 50.80 ng  
 RT: 11.54 min Scan# 810  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1293587 |       |       |
| 176     | 20.6  | 17.0    | 25.6  |       |
| 179     | 16.2  | 13.3    | 19.9  |       |





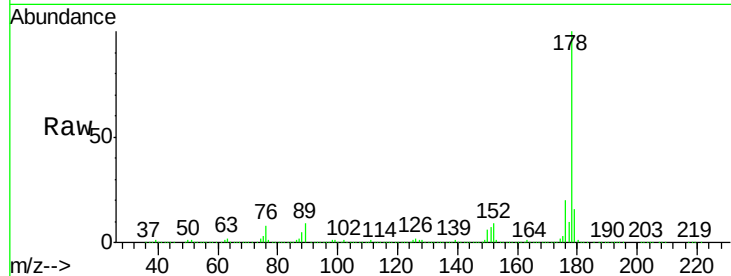
#71  
 Anthracene  
 Concen: 51.02 ng  
 RT: 11.60 min Scan# 815  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

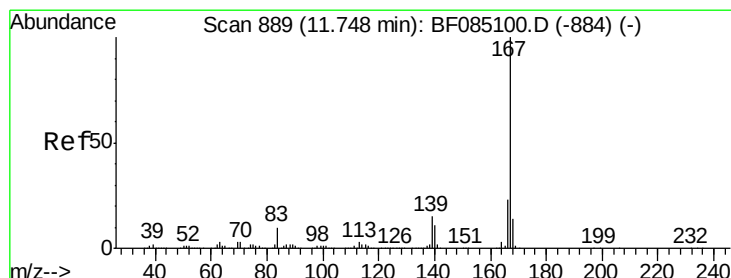
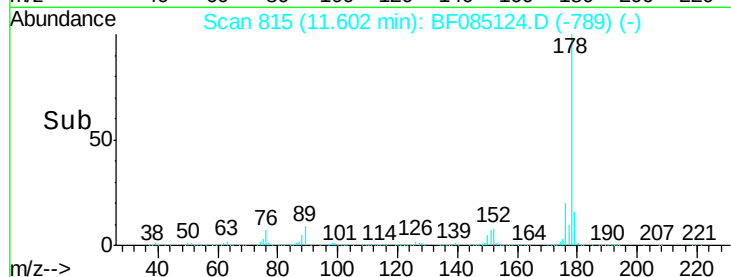
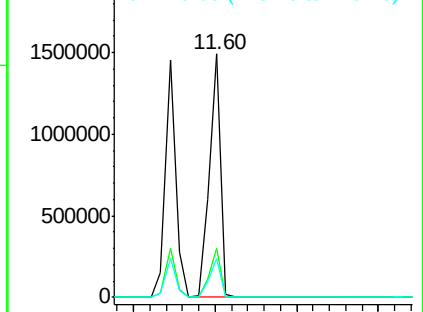
Tgt Ion:178 Resp: 1458959  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 16.6 25.0  
 179 15.9 13.2 19.8

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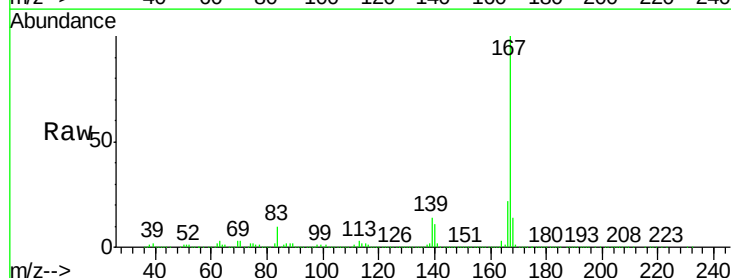


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

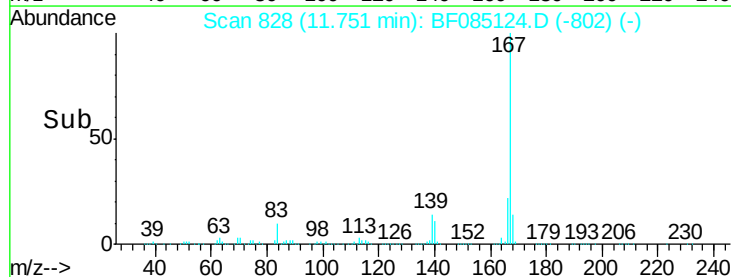
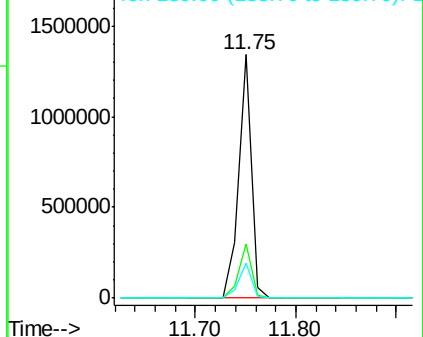


#72  
 Carbazole  
 Concen: 47.42 ng  
 RT: 11.75 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: BF085124.D  
 Acq: 2 Mar 2016 17:30

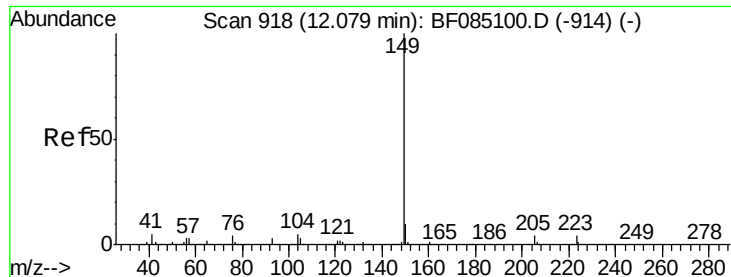
Tgt Ion:167 Resp: 1180159  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 18.6 28.0  
 139 14.4 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 52.94 ng

RT: 12.08 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

MW-05MSD

Tgt Ion:149 Resp: 1568078

Ion Ratio Lower Upper

149 100

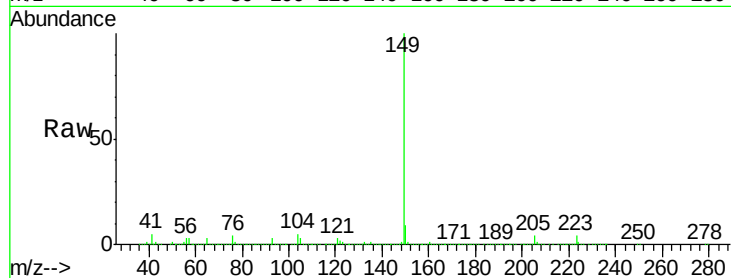
150 9.5 7.7 11.5

104 4.6 3.7 5.5

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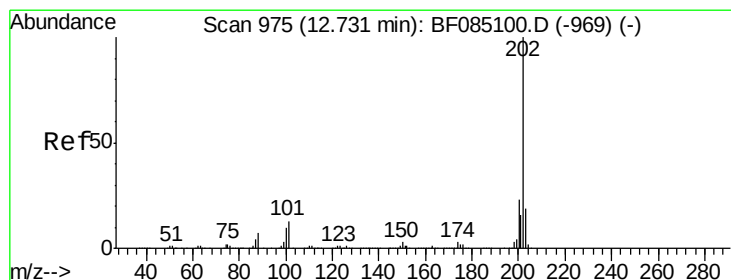
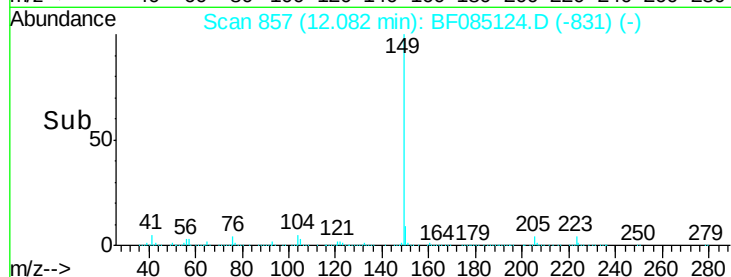
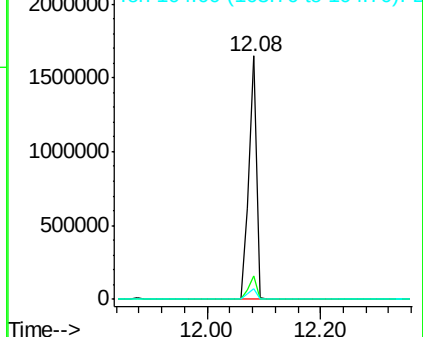
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.62 ng

RT: 12.73 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

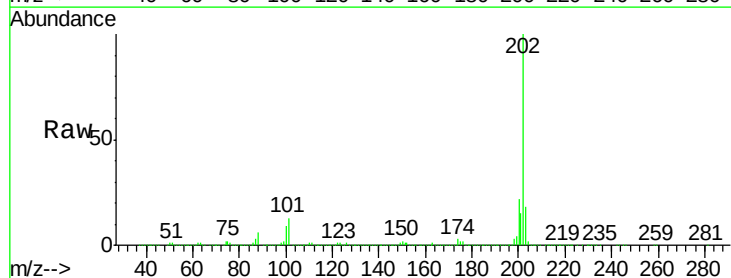
Tgt Ion:202 Resp: 1219188

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

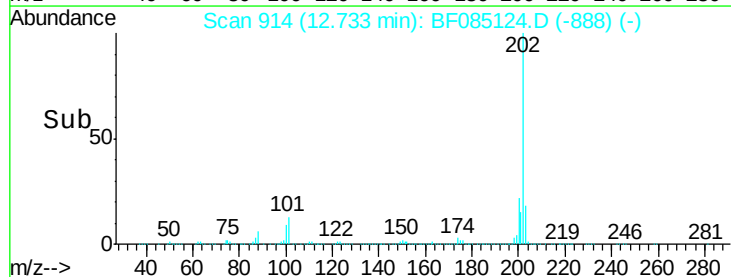
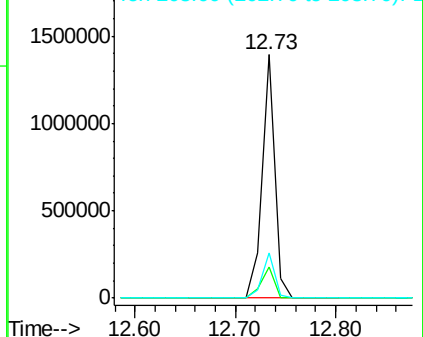
203 18.4 0.0 38.6

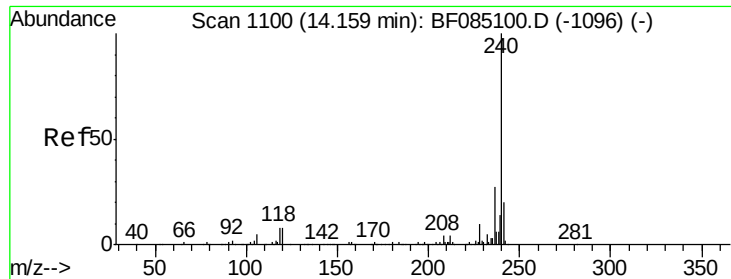


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

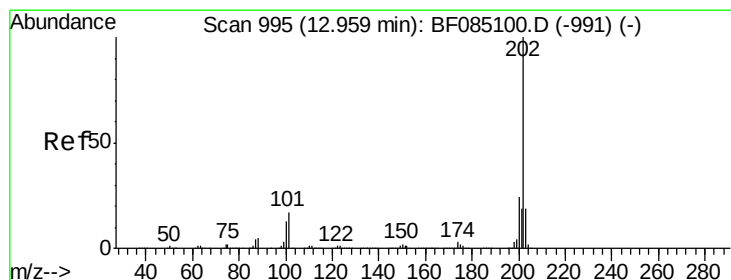
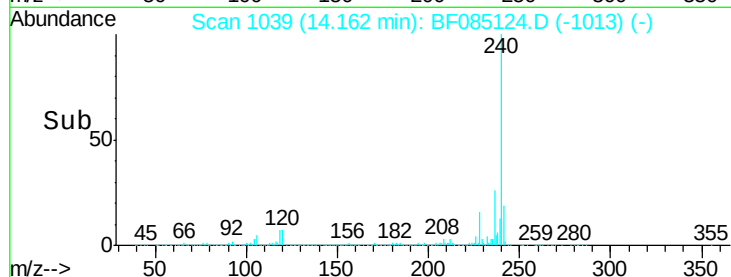
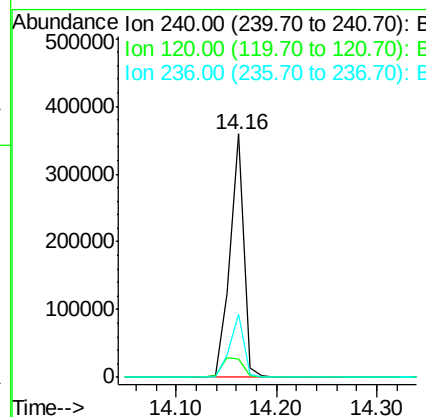
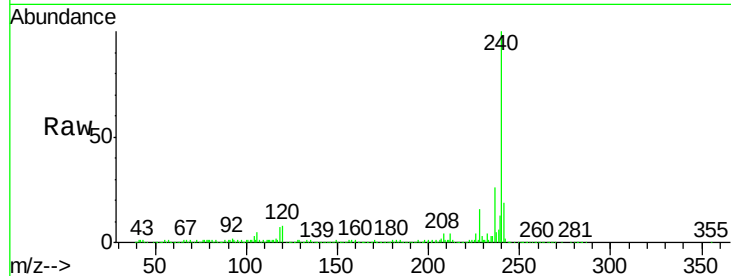
ClientSampleId :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 346338 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.6   | 6.7   | 10.1   |
| 236       | 26.1  | 21.6  | 32.4   |

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#77

Pyrene

Concen: 49.92 ng

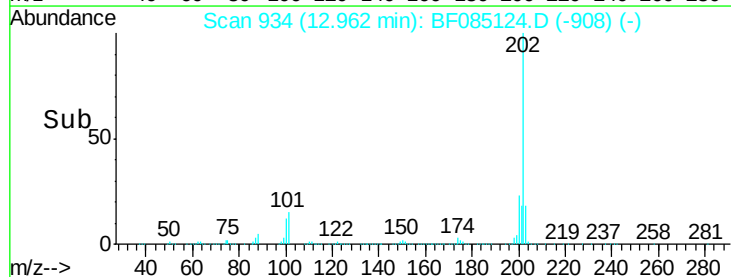
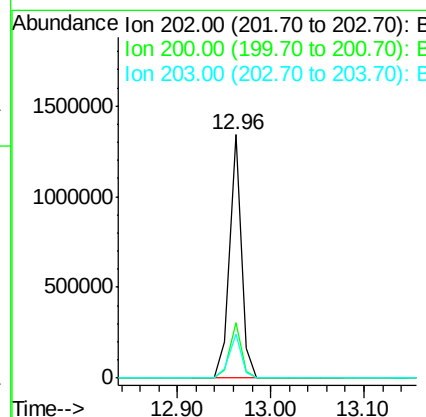
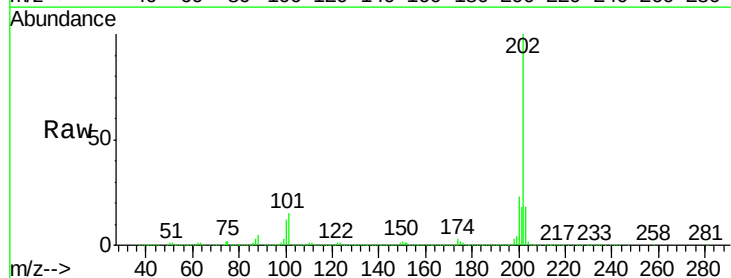
RT: 12.96 min Scan# 934

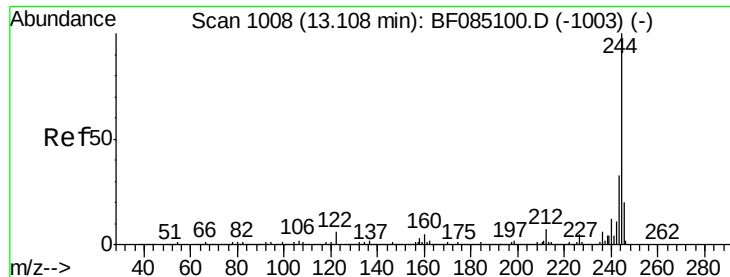
Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1180162 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 22.7  | 19.0  | 28.6    |
| 203       | 18.2  | 15.0  | 22.6    |





#78

Terphenyl-d14

Concen: 86.42 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

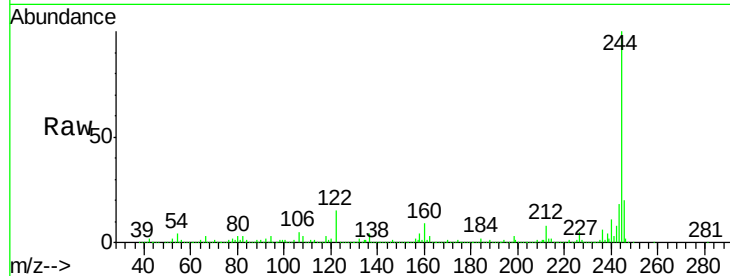
ClientSampleId :

MW-05MSD

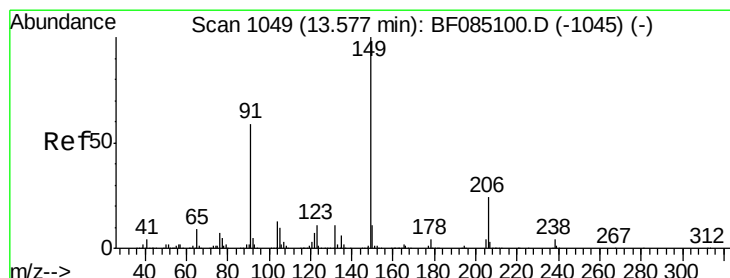
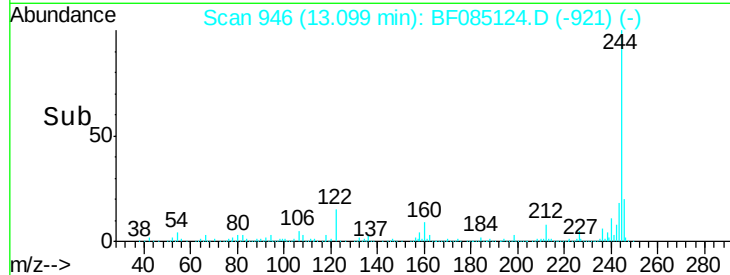
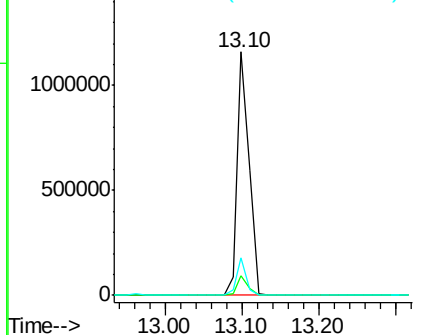
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1275954 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.9   | 5.4   | 8.0     |
| 122       | 15.5  | 5.1   | 7.7#    |

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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: 52.29 ng

RT: 13.58 min Scan# 988

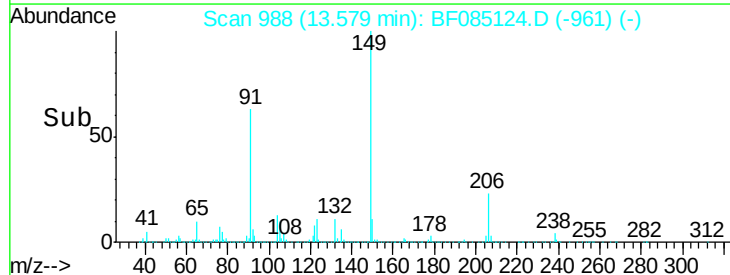
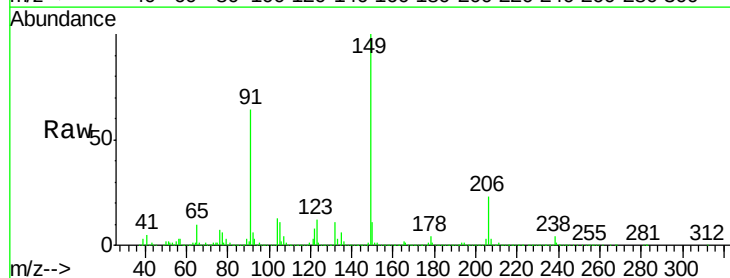
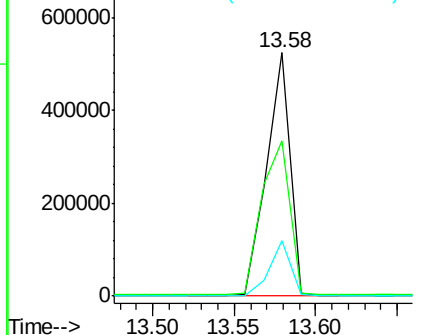
Delta R.T. 0.00 min

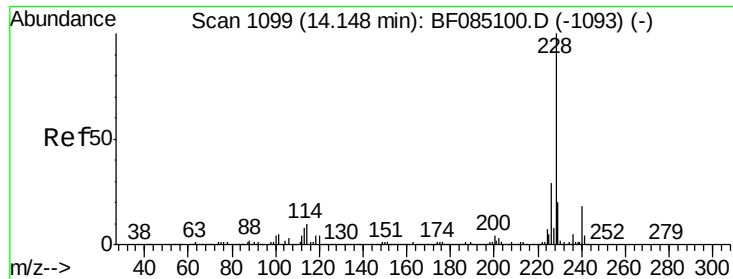
Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 523541 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 63.5  | 46.9  | 70.3   |
| 206       | 22.8  | 19.0  | 28.6   |

Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E





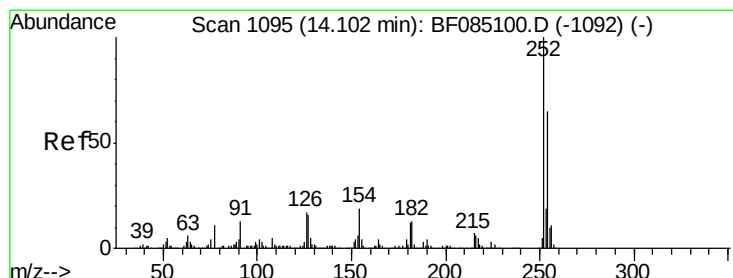
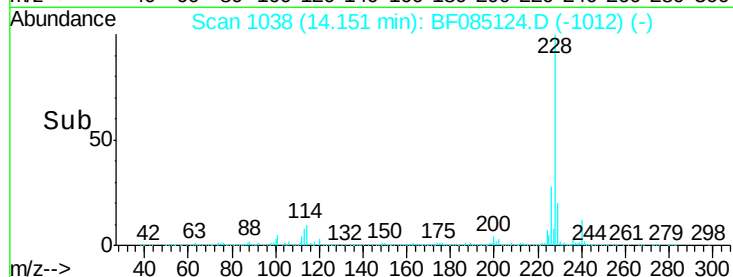
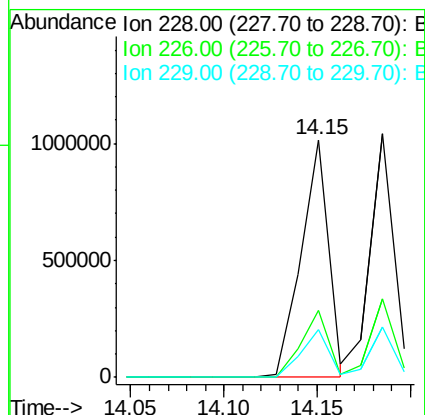
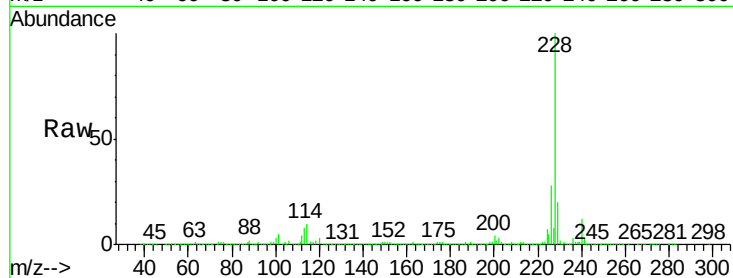
#80  
Benzo(a)anthracene  
Concen: 51.95 ng  
RT: 14.15 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampled :  
MW-05MSD

Tgt Ion:228 Resp: 1044704  
Ion Ratio Lower Upper  
228 100  
226 28.2 23.0 34.4  
229 20.1 16.1 24.1

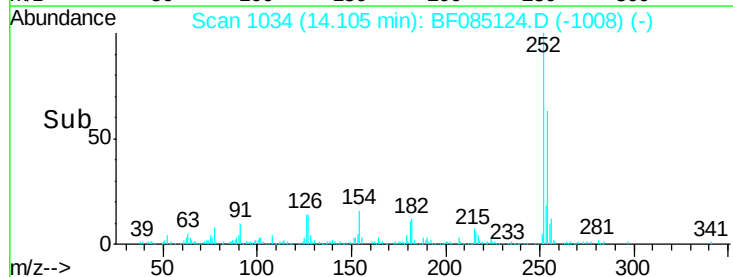
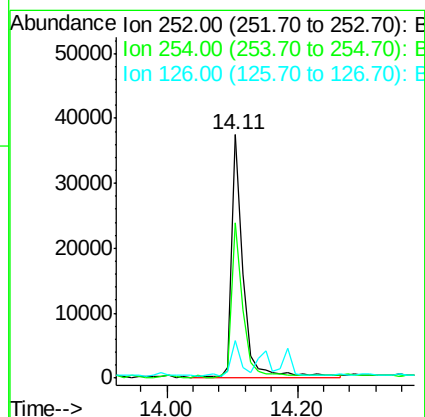
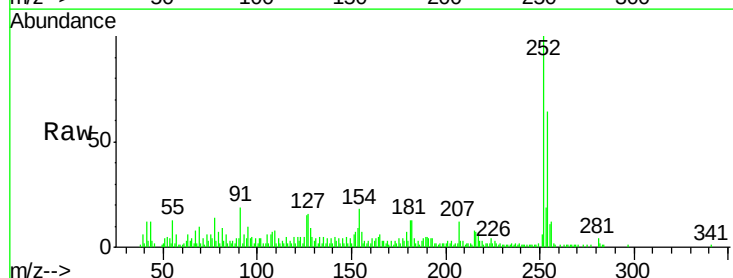
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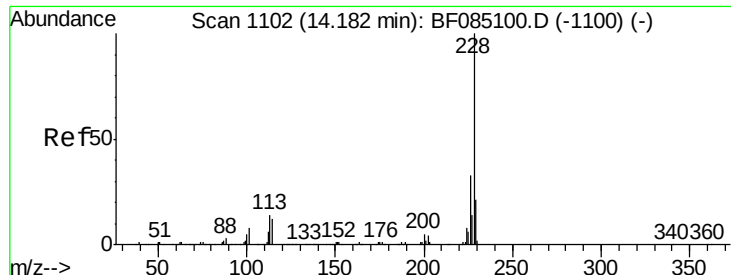
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#81  
3,3'-Dichlorobenzidine  
Concen: 7.51 ng  
RT: 14.11 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Tgt Ion:252 Resp: 47179  
Ion Ratio Lower Upper  
252 100  
254 63.9 51.8 77.6  
126 15.4 13.2 19.8





#82

Chrysene

Concen: 50.47 ng m

RT: 14.19 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF085124.D

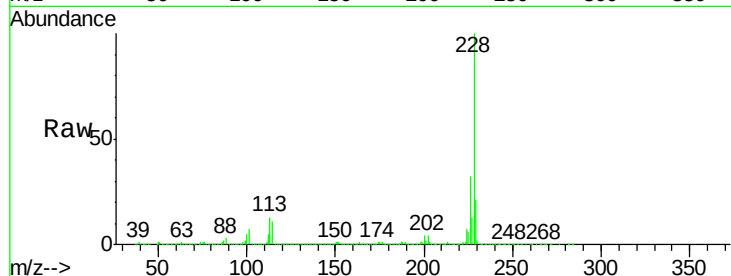
Acq: 2 Mar 2016 17:30

Instrument :

BNA\_F

ClientSampleId :

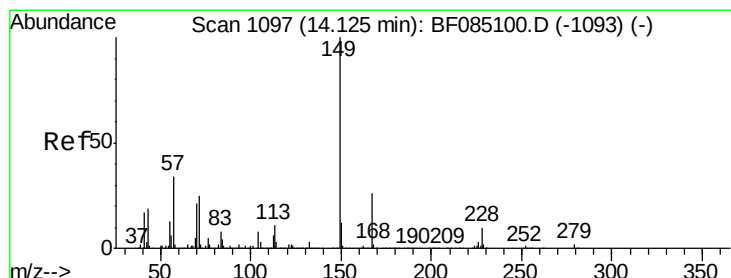
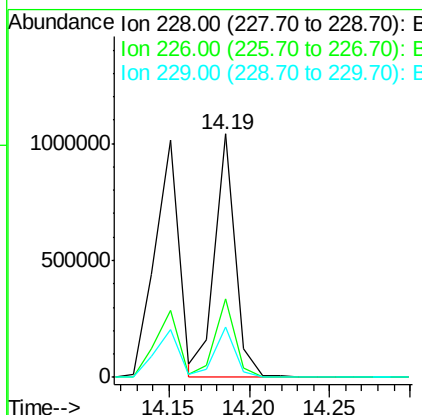
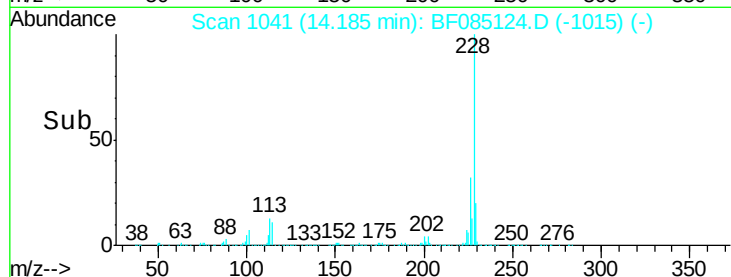
MW-05MSD



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.0  | 26.2  | 39.4  |
| 229     | 20.5  | 16.5  | 24.7  |

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#83

Bis(2-ethylhexyl)phthalate

Concen: 58.08 ng

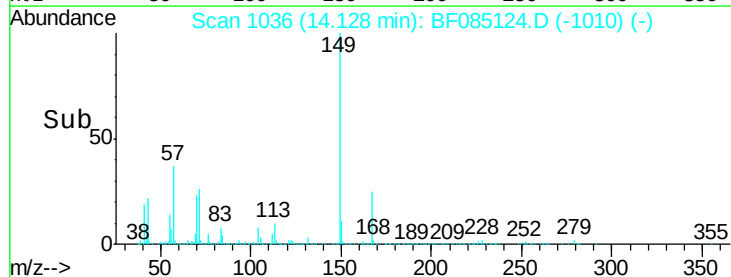
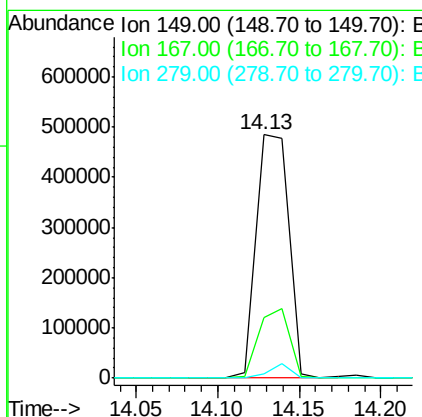
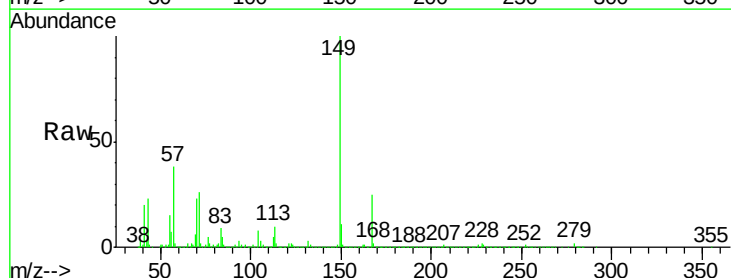
RT: 14.13 min Scan# 1036

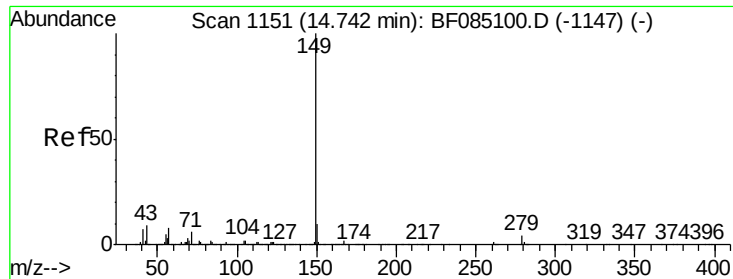
Delta R.T. 0.00 min

Lab File: BF085124.D

Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 24.9  | 20.6  | 31.0  |
| 279     | 2.0   | 2.0   | 3.0   |





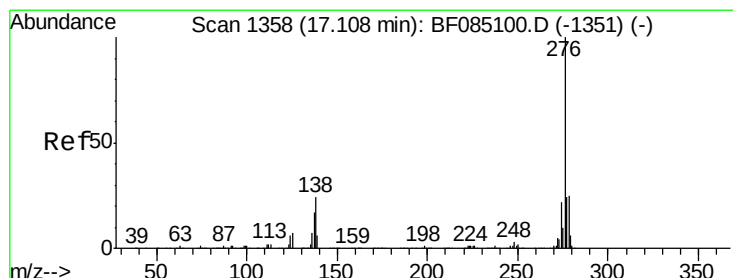
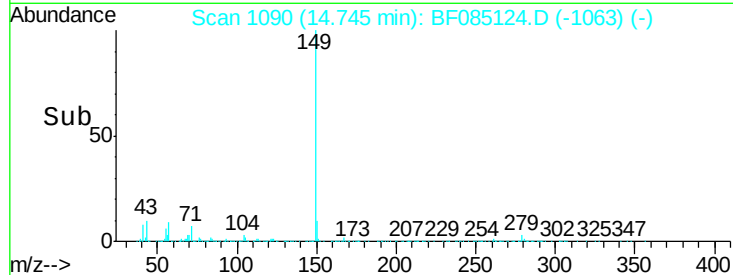
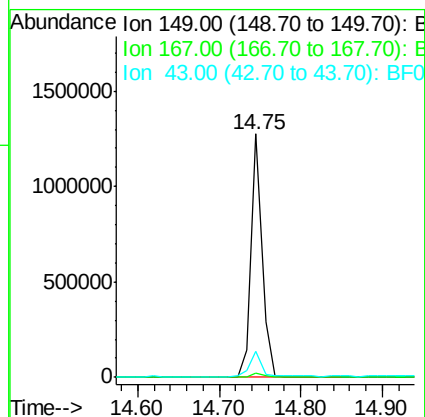
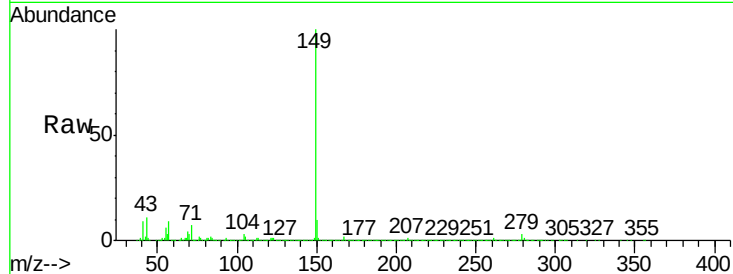
#84  
Di-n-octyl phthalate  
Concen: 68.82 ng  
RT: 14.75 min Scan# 1090  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 10.4  | 8.8   | 13.2  |

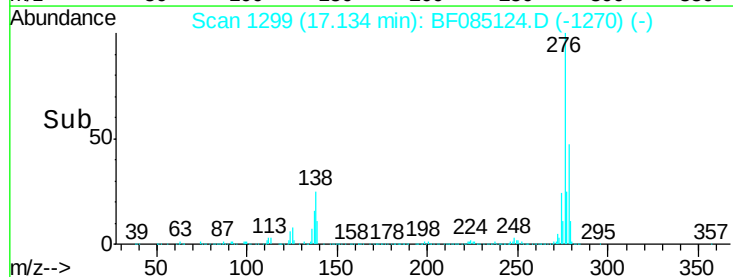
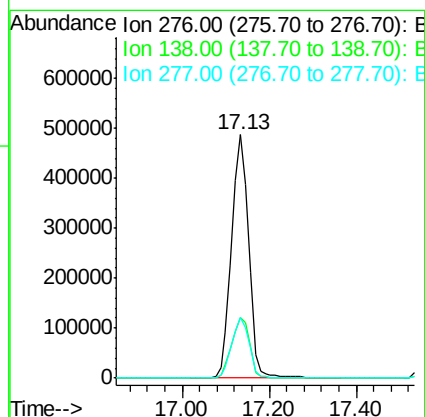
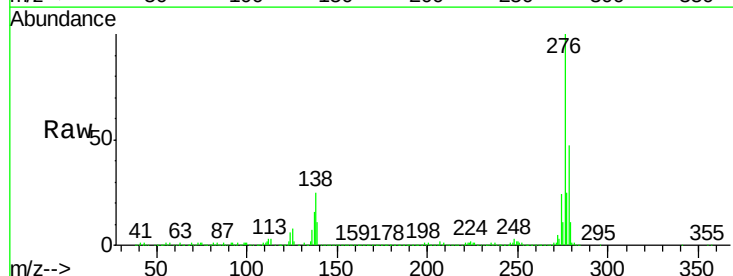
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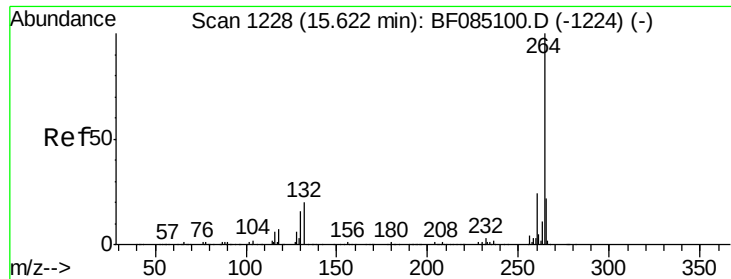
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#85  
Indeno(1,2,3-cd)pyrene  
Concen: 85.28 ng  
RT: 17.13 min Scan# 1299  
Delta R.T. 0.03 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.9  | 21.4  | 32.2  |
| 277     | 25.5  | 20.1  | 30.1  |





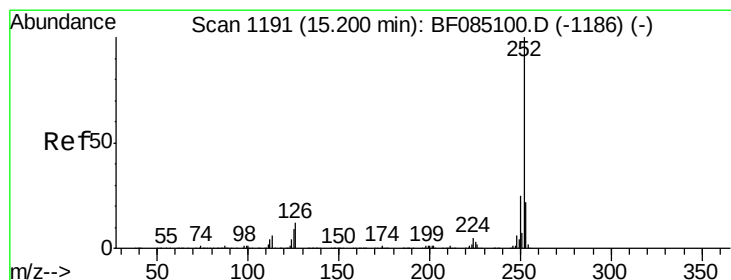
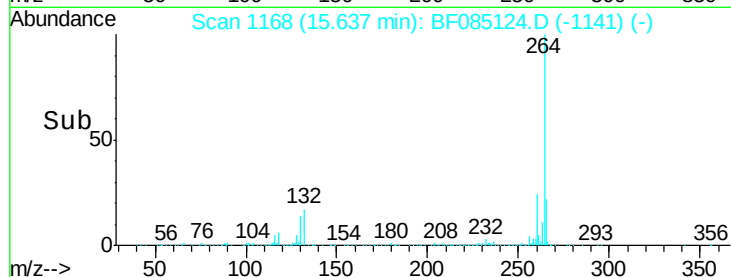
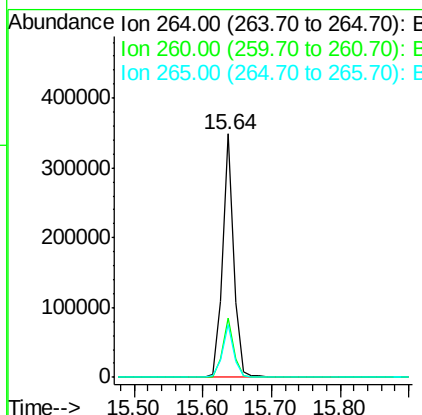
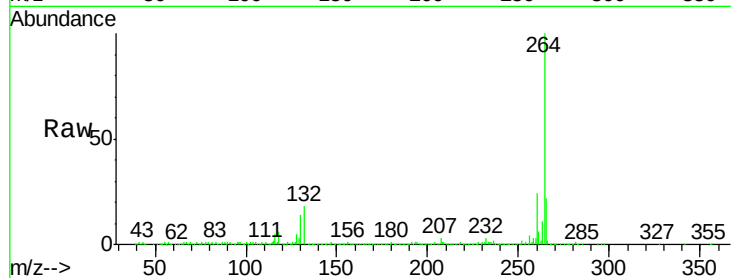
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.64 min Scan# 1168  
Delta R.T. 0.01 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.6  | 29.4  |
| 265     | 21.7  | 17.4  | 26.2  |

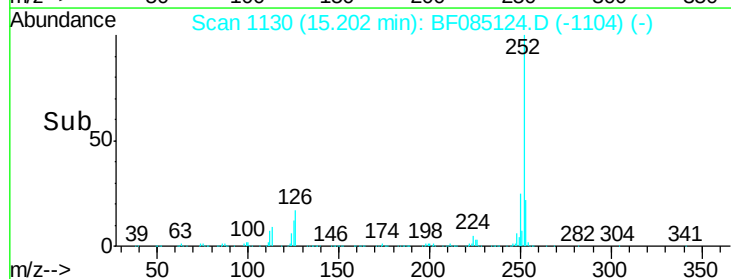
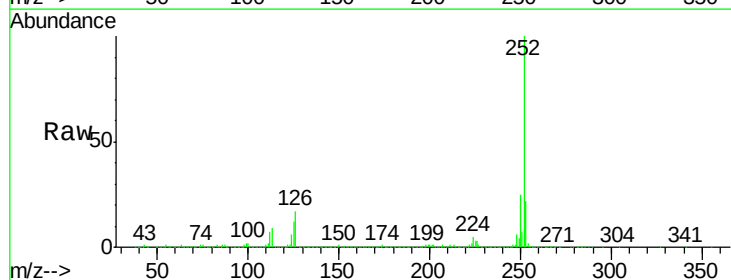
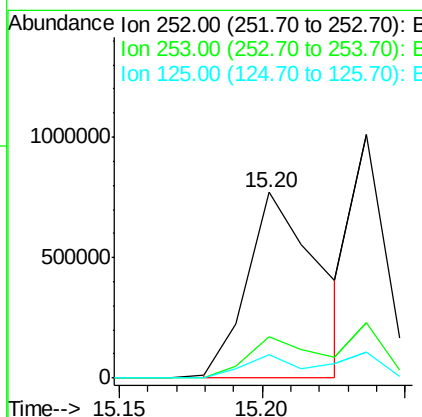
Manual Integrations  
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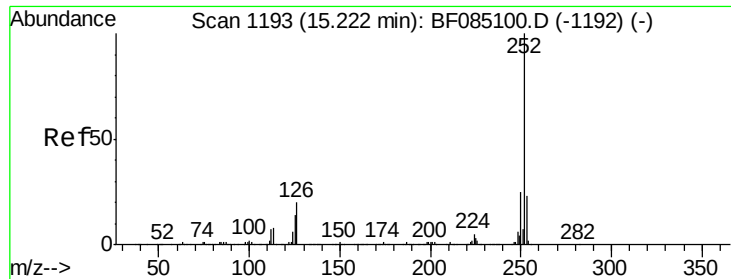
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#87  
Benzo(b)fluoranthene  
Concen: 55.00 ng m  
RT: 15.20 min Scan# 1130  
Delta R.T. 0.00 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.8  | 26.8  |
| 125     | 12.5  | 7.0   | 10.4# |





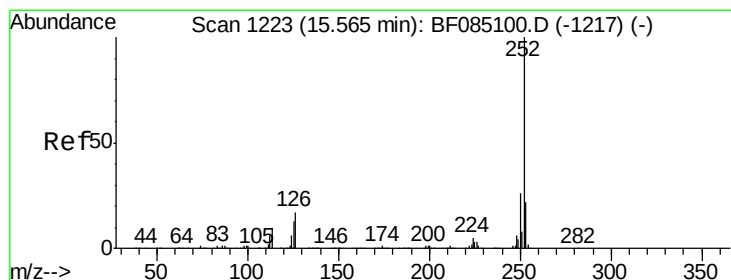
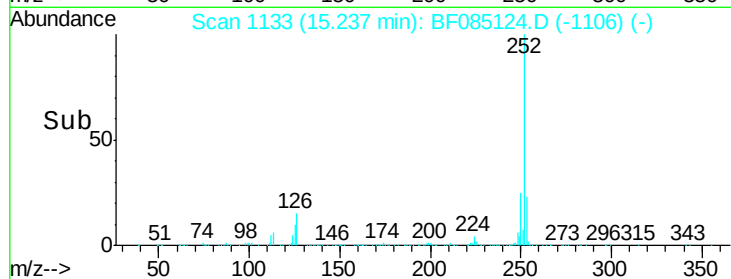
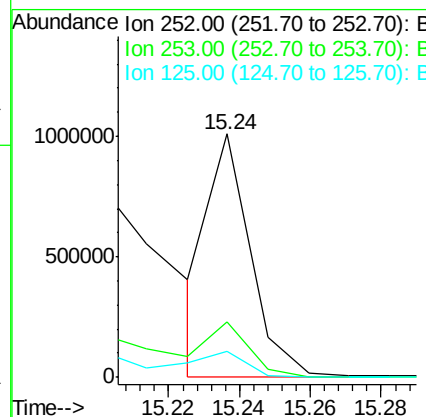
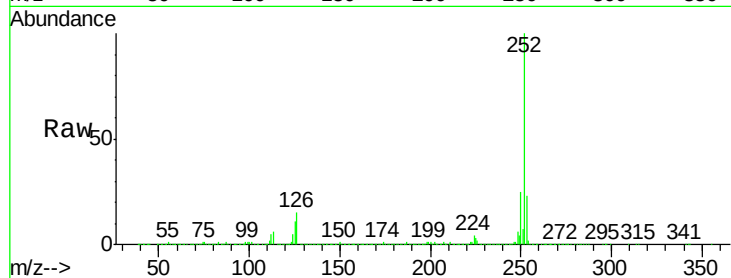
#88  
Benzo(k)fluoranthene  
Concen: 38.98 ng m  
RT: 15.24 min Scan# 1133  
Delta R.T. 0.01 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.2  | 27.4  |
| 125     | 10.5  | 11.1  | 16.7# |

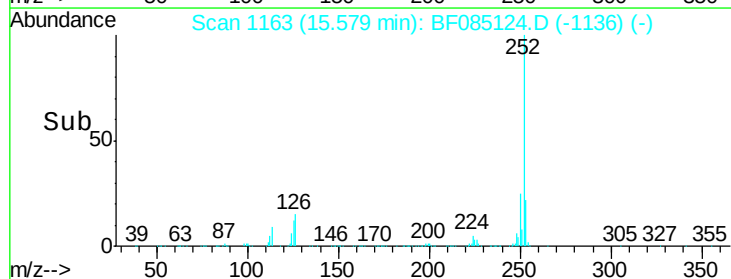
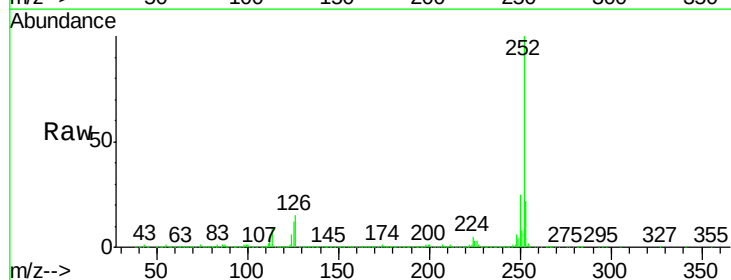
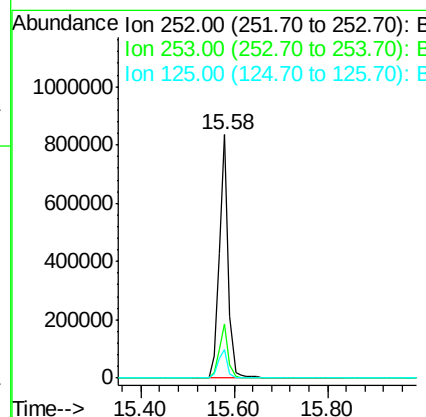
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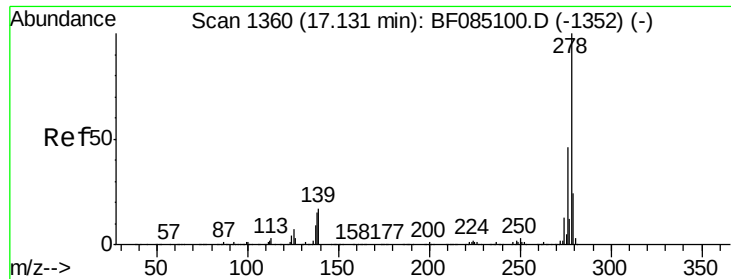


#89  
Benzo(a)pyrene  
Concen: 53.51 ng  
RT: 15.58 min Scan# 1163  
Delta R.T. 0.01 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.0  | 27.0  |
| 125     | 11.8  | 10.2  | 15.2  |







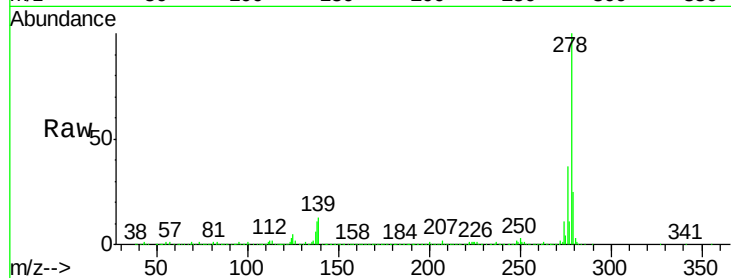
#90  
Dibenzo(a,h)anthracene  
Concen: 60.28 ng  
RT: 17.16 min Scan# 1301  
Delta R.T. 0.03 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

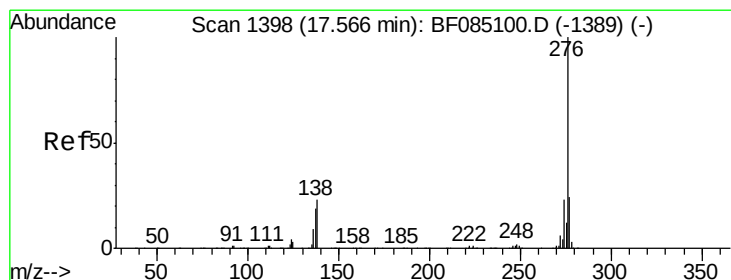
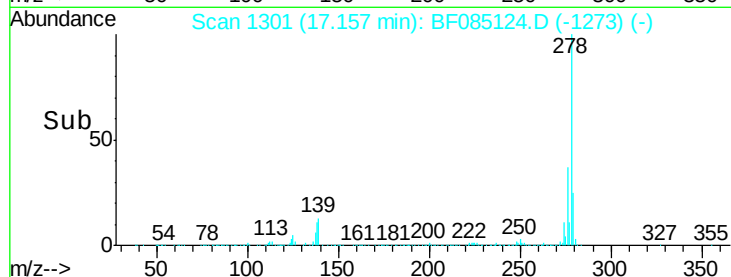
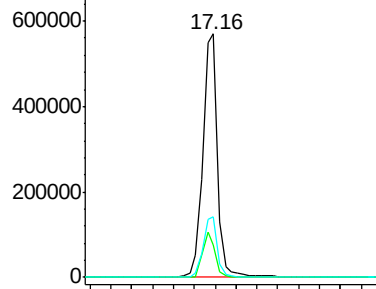
Tgt Ion:278 Resp: 1113971  
Ion Ratio Lower Upper  
278 100  
139 13.2 13.6 20.4#  
279 24.7 19.3 28.9

Manual Integrations  
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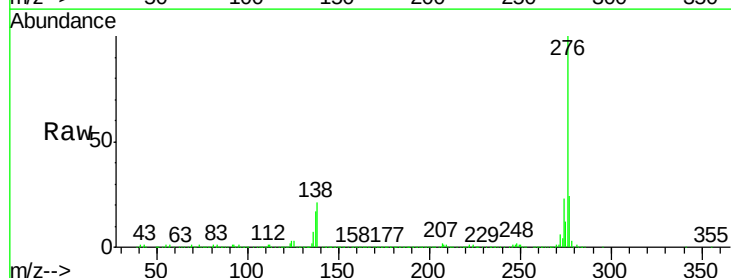


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#91  
Benzo(g,h,i)perylene  
Concen: 56.67 ng  
RT: 17.59 min Scan# 1339  
Delta R.T. 0.03 min  
Lab File: BF085124.D  
Acq: 2 Mar 2016 17:30

Tgt Ion:276 Resp: 1064869  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.0 28.4  
138 21.0 18.1 27.1



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

