

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031816\  
 Data File : BF085551.D  
 Acq On : 19 Mar 2016 3:49  
 Operator : UM/SJ  
 Sample : PB88981BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

Manual Integrations  
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apatel  
 3/21/2016 5:07:58 PM

Quant Time: Mar 19 04:15:35 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 18 23:31:39 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 137279   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 556453   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.90  | 164  | 260864   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.37 | 188  | 484202   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.01 | 240  | 406362   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.43 | 264  | 310988   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 566828  | 69.35 | ng | 0.01  |
| 7) Phenol-d6             | 6.48  | 99  | 706170  | 67.37 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 601266  | 62.72 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 170492  | 66.72 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.21  | 172 | 1047867 | 64.49 | ng | -0.01 |
| 78) Terphenyl-d14        | 12.96 | 244 | 1103604 | 65.35 | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.55 | 88  | 113784  | 28.64 | ng | 99     |
| 3) Pyridine                    | 3.27 | 79  | 310791  | 31.86 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.21 | 42  | 130913  | 32.14 | ng | 98     |
| 6) Aniline                     | 6.52 | 93  | 193216  | 13.72 | ng | 96     |
| 8) 2-Chlorophenol              | 6.64 | 128 | 311001  | 32.89 | ng | 92     |
| 9) Benzaldehyde                | 6.40 | 77  | 54239   | 8.14  | ng | 88     |
| 10) Phenol                     | 6.49 | 94  | 356833  | 29.89 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.58 | 93  | 280319  | 31.14 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 326187m | 31.66 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 340318  | 32.38 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 311107  | 33.34 | ng | 96     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 249402  | 34.74 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 372226  | 31.45 | ng | 99     |
| 17) 2-Methylphenol             | 7.11 | 107 | 255287  | 32.57 | ng | 100    |
| 18) Hexachloroethane           | 7.36 | 117 | 122717  | 32.34 | ng | # 80   |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 201905  | 32.25 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 311244  | 34.29 | ng | 93     |
| 22) Acetophenone               | 7.27 | 105 | 406697  | 30.80 | ng | # 92   |
| 24) Nitrobenzene               | 7.44 | 77  | 341995  | 32.59 | ng | # 87   |
| 25) Isophorone                 | 7.68 | 82  | 615154  | 32.05 | ng | # 94   |
| 26) 2-Nitrophenol              | 7.76 | 139 | 165368  | 31.89 | ng | # 85   |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 299483  | 32.66 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 354768  | 32.50 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 259105  | 34.21 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 273463  | 32.24 | ng | 97     |
| 31) Naphthalene                | 8.16 | 128 | 908302  | 32.34 | ng | 99     |
| 32) Benzoic acid               | 7.91 | 122 | 186623  | 24.34 | ng | 99     |
| 33) 4-Chloroaniline            | 8.21 | 127 | 71370   | 6.20  | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.28 | 225 | 137141  | 30.33 | ng | 99     |
| 35) Caprolactam                | 8.57 | 113 | 82330m  | 31.59 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 298207  | 33.71 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 610588  | 35.66 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 235101  | 29.71 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.01 | 237 | 260947  | 73.17 | ng | 100    |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 18 23:31:39 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.13  | 196  | 182517   | 33.69 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.18  | 196  | 183824   | 33.35 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 9.32  | 154  | 674337   | 29.97 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.34  | 162  | 502829   | 30.59 | ng    | 93       |
| 47) 2-Nitroaniline             | 9.44  | 65   | 161826   | 32.54 | ng    | # 67     |
| 48) Acenaphthylene             | 9.75  | 152  | 869936   | 32.70 | ng    | 99       |
| 49) Dimethylphthalate          | 9.62  | 163  | 646566   | 32.85 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.68  | 165  | 149040   | 35.86 | ng    | # 81     |
| 51) Acenaphthene               | 9.92  | 154  | 601740   | 36.05 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.84  | 138  | 60819    | 11.68 | ng    | 91       |
| 53) 2,4-Dinitrophenol          | 9.96  | 184  | 146824   | 57.67 | ng    | 91       |
| 54) Dibenzofuran               | 10.10 | 168  | 765418   | 37.65 | ng    | 96       |
| 55) 4-Nitrophenol              | 10.01 | 139  | 240429   | 59.77 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.08 | 165  | 171998   | 31.61 | ng    | # 55     |
| 57) Fluorene                   | 10.45 | 166  | 574145   | 33.89 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 149620   | 37.70 | ng    | 97       |
| 59) Diethylphthalate           | 10.32 | 149  | 653226   | 33.38 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204  | 278335   | 33.64 | ng    | 90       |
| 61) 4-Nitroaniline             | 10.46 | 138  | 139563   | 27.20 | ng    | 90       |
| 62) Azobenzene                 | 10.60 | 77   | 704001   | 37.49 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 109624   | 35.38 | ng    | # 64     |
| 65) n-Nitrosodiphenylamine     | 10.55 | 169  | 466434   | 30.93 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.93 | 248  | 165572   | 34.23 | ng    | # 88     |
| 67) Hexachlorobenzene          | 10.98 | 284  | 171697   | 33.41 | ng    | # 69     |
| 68) Atrazine                   | 11.08 | 200  | 165678   | 36.08 | ng    | 95       |
| 69) Pentachlorophenol          | 11.18 | 266  | 189686   | 60.80 | ng    | 99       |
| 70) Phenanthrene               | 11.40 | 178  | 867298   | 33.97 | ng    | 99       |
| 71) Anthracene                 | 11.45 | 178  | 875362   | 32.70 | ng    | 99       |
| 72) Carbazole                  | 11.60 | 167  | 784976   | 33.99 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 978592   | 33.84 | ng    | # 98     |
| 74) Fluoranthene               | 12.59 | 202  | 848819   | 31.75 | ng    | 97       |
| 76) Benzidine                  | 12.71 | 184  | 216764   | 15.86 | ng    | 98       |
| 77) Pyrene                     | 12.81 | 202  | 876875   | 30.05 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.43 | 149  | 396812   | 28.53 | ng    | # 71     |
| 80) Benzo(a)anthracene         | 14.00 | 228  | 722530   | 30.63 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.97 | 252  | 61740    | 7.14  | ng    | # 95     |
| 82) Chrysene                   | 14.04 | 228  | 671046   | 29.57 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 501601   | 29.03 | ng    | # 98     |
| 84) Di-n-octyl phthalate       | 14.61 | 149  | 932651   | 33.12 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.84 | 276  | 536920   | 28.31 | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 15.03 | 252  | 698423m  | 34.42 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 550437m  | 32.92 | ng    |          |
| 89) Benzo(a)pyrene             | 15.37 | 252  | 588412   | 34.20 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.85 | 278  | 454540   | 31.68 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.25 | 276  | 439204   | 31.63 | ng    | 99       |

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

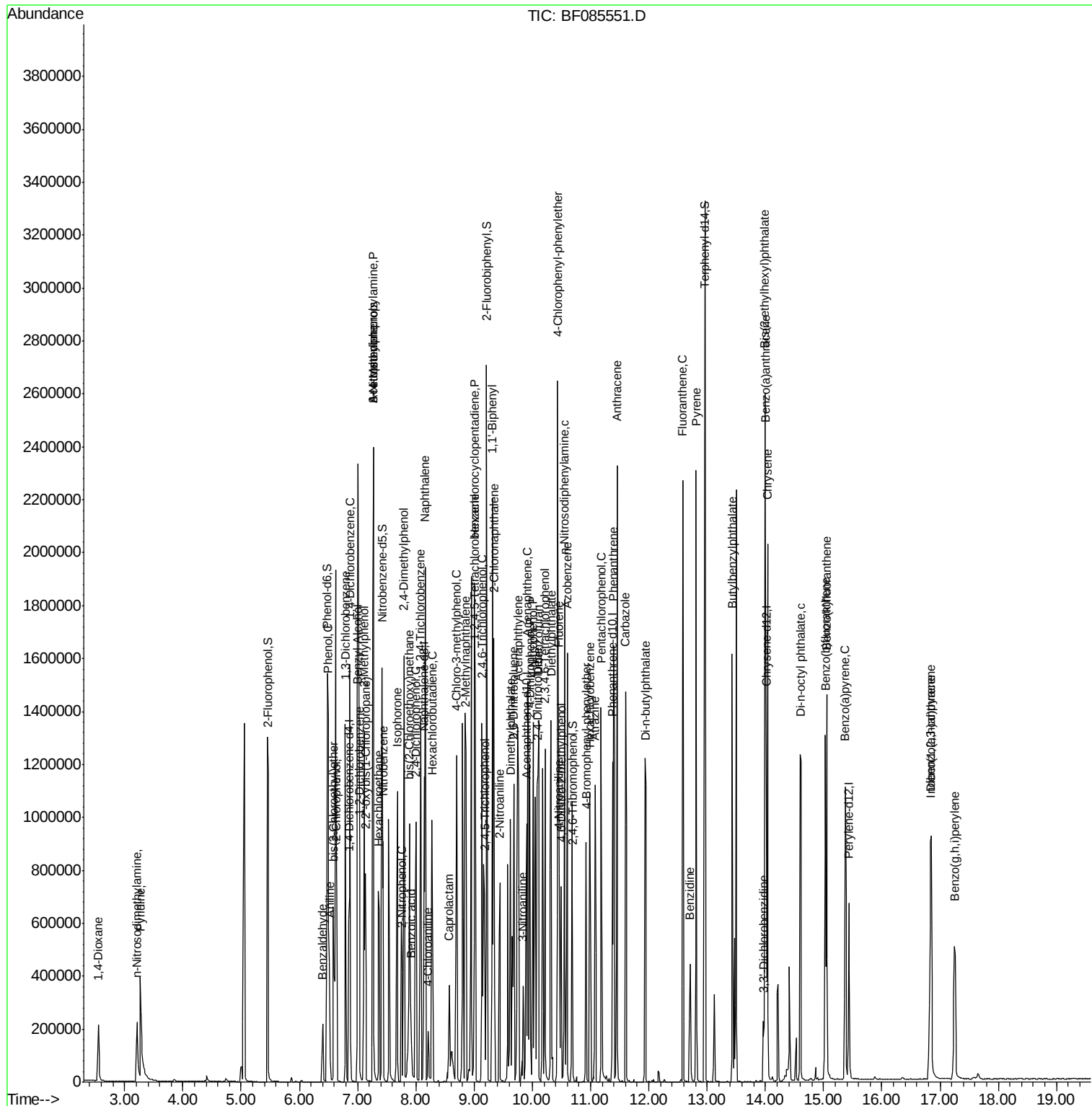
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\  
Data File : BF085551.D  
Acq On    : 19 Mar 2016    3:49  
Operator  : UM/SJ  
Sample    : PB88981BS  
Misc      :  
ALS Vial  : 15    Sample Multiplier: 1
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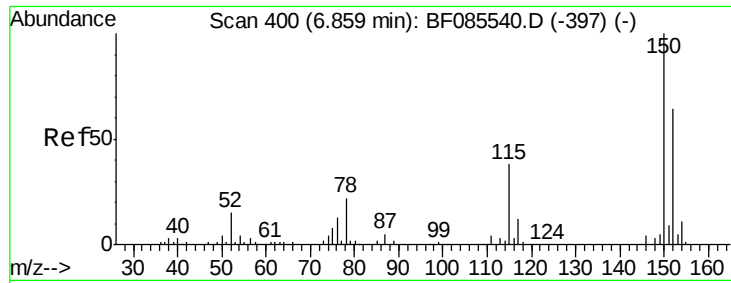
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB88981BS

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3/21/2016 5:07:58 PM

Quant Time: Mar 19 04:15:35 2016  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031816.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 18 23:31:39 2016  
Response via : Initial Calibration





#1

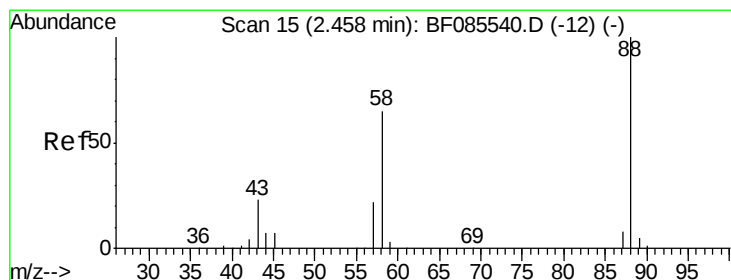
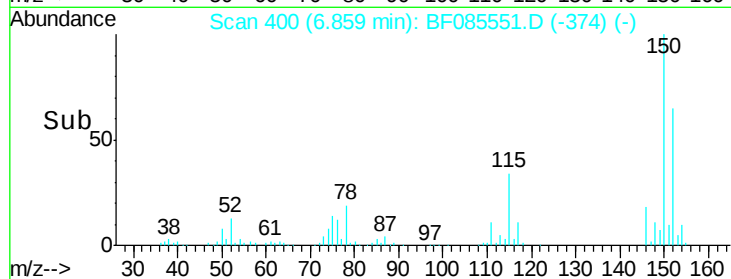
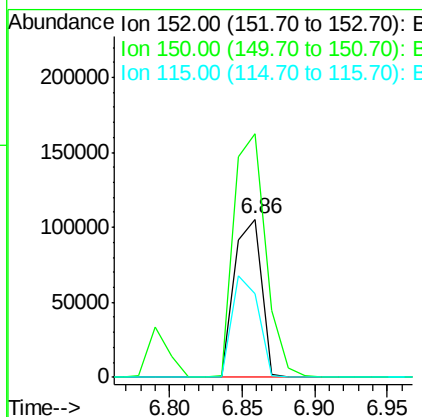
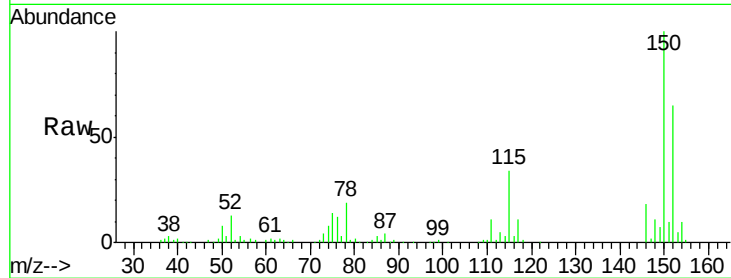
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.86 min Scan# 400  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.2 | 124.2 | 186.2 |
| 115     | 53.2  | 47.0  | 70.6  |

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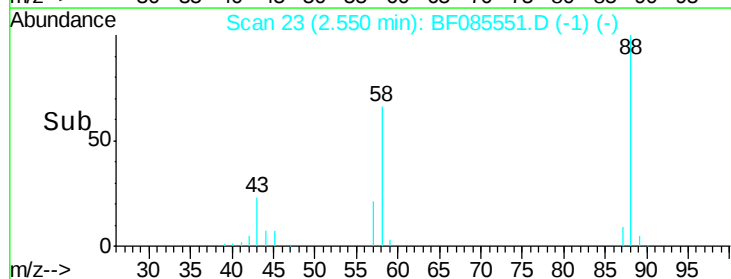
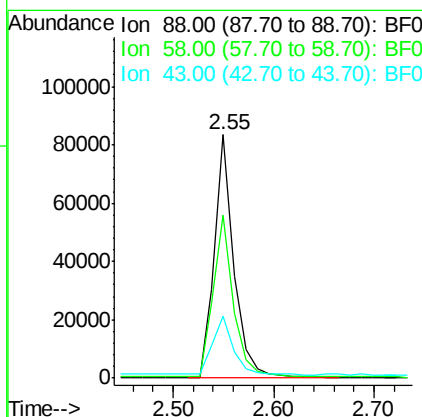
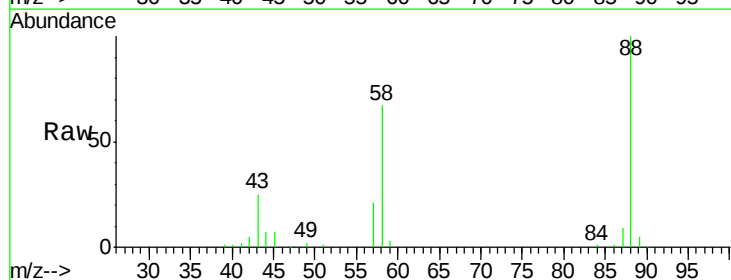
apatel  
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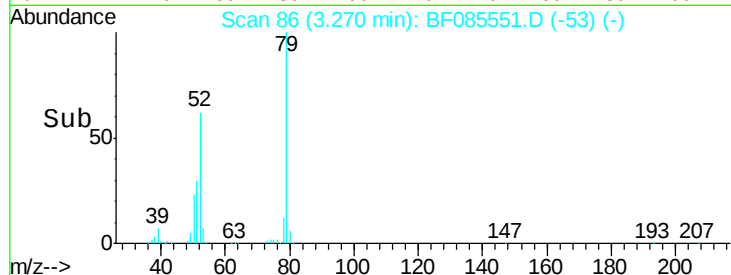
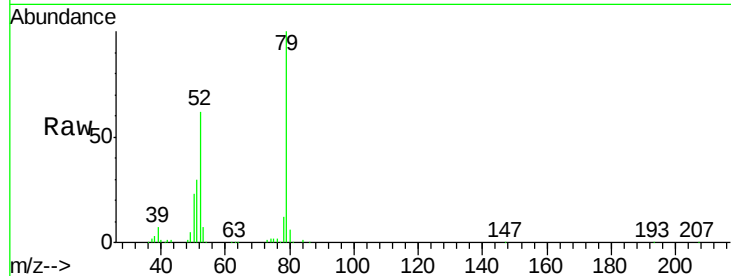
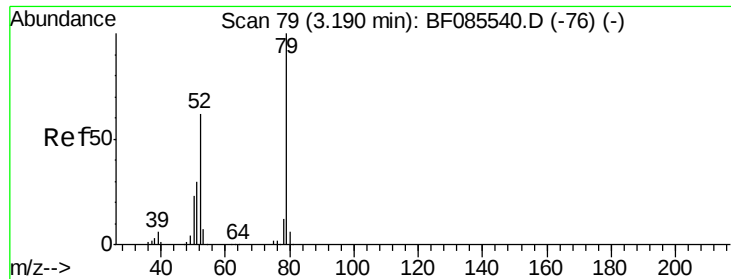


#2

1,4-Dioxane  
Concen: 28.64 ng  
RT: 2.55 min Scan# 23  
Delta R.T. 0.09 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

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





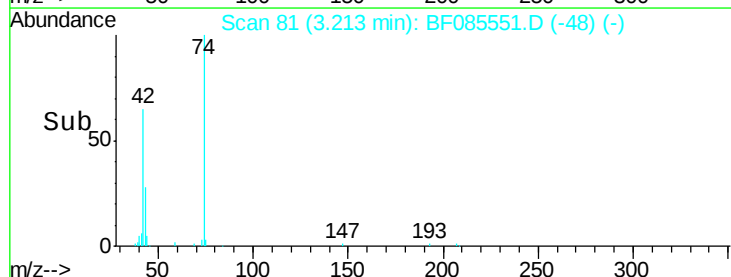
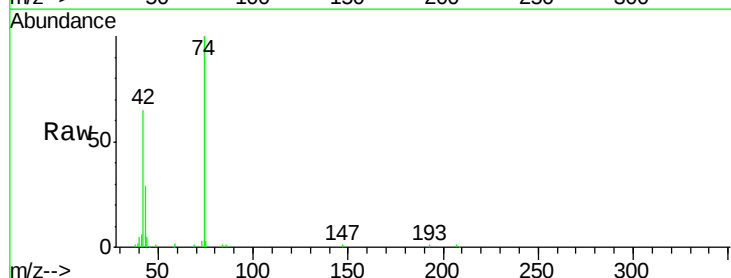
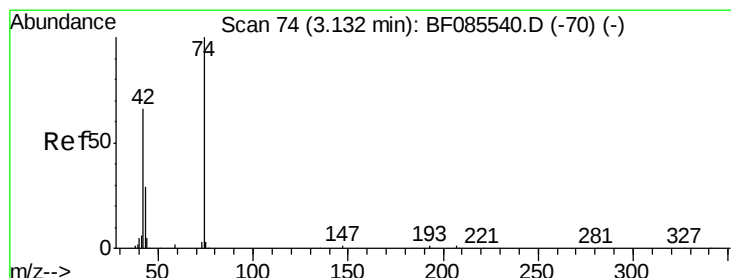
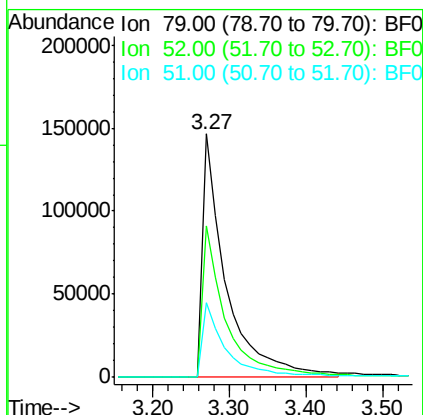
#3  
Pyridine  
Concen: 31.86 ng  
RT: 3.27 min Scan# 86  
Delta R.T. 0.08 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 62.2  | 49.8  | 74.6  |
| 51      | 30.4  | 24.7  | 37.1  |

Instrument :  
BNA\_F  
ClientSampleId :  
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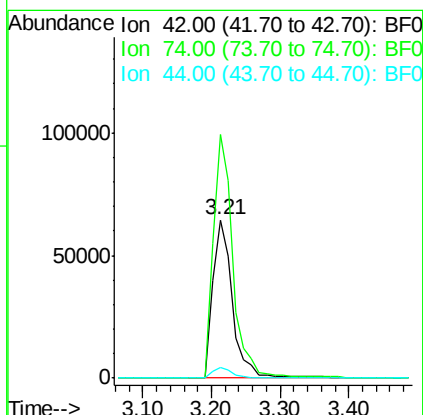
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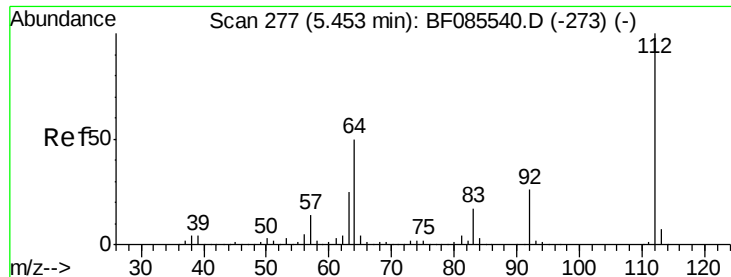
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#4  
n-Nitrosodimethylamine  
Concen: 32.14 ng  
RT: 3.21 min Scan# 81  
Delta R.T. 0.08 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 154.0 | 121.4 | 182.2 |
| 44      | 7.0   | 5.6   | 8.4   |





#5

2-Fluorophenol

Concen: 69.35 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085551.D

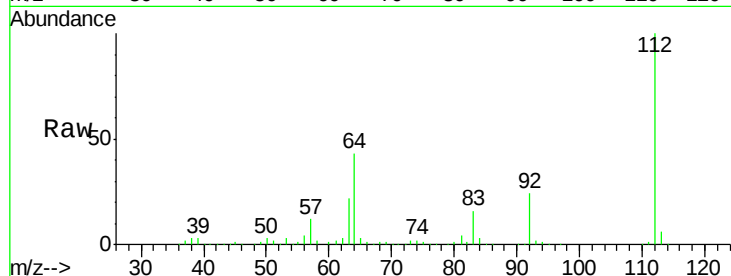
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Instrument :

BNA\_F

ClientSampleID :

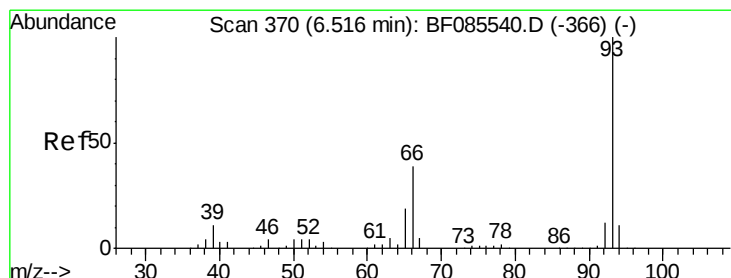
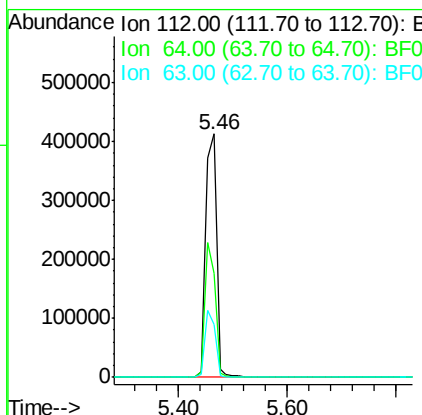
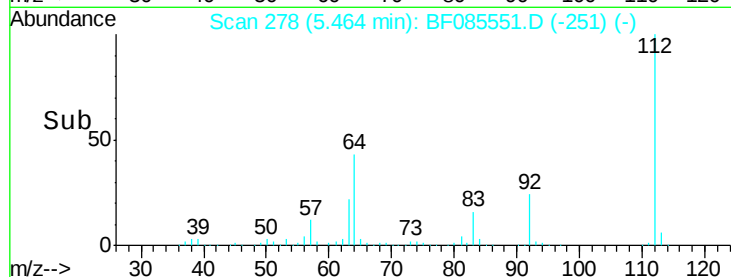
PB88981BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 566828 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 43.0  | 39.9  | 59.9   |
| 63        | 21.9  | 20.2  | 30.2   |

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#6

Aniline

Concen: 13.72 ng

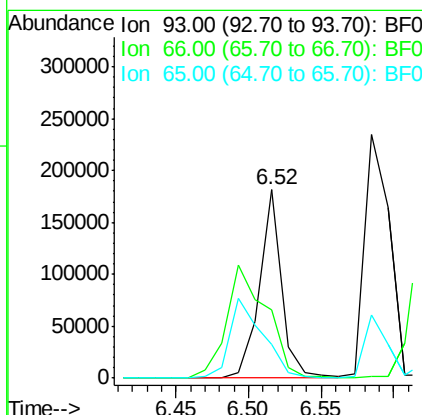
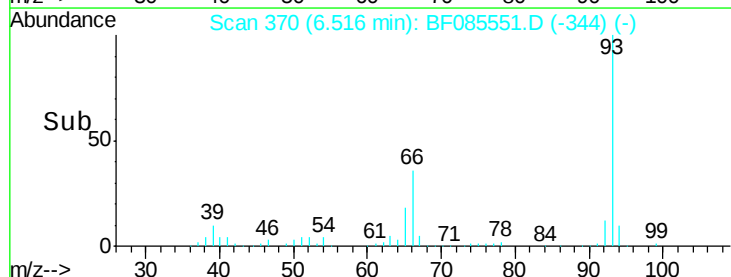
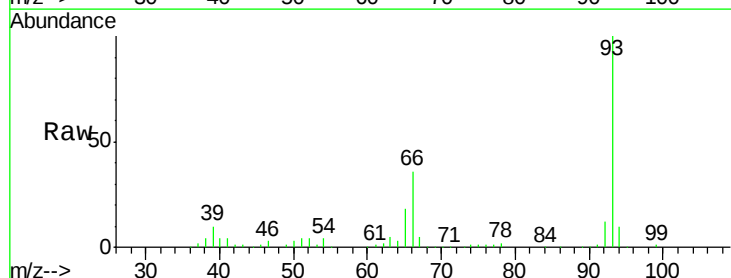
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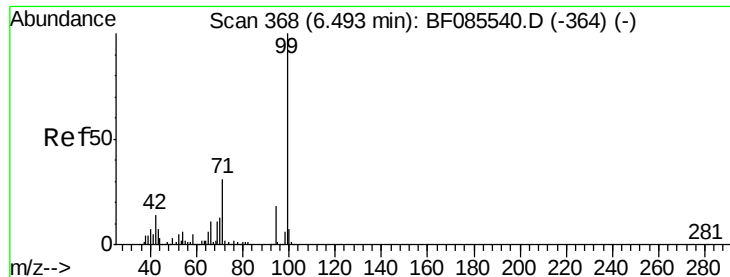
Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 193216 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 36.3  | 31.4  | 47.2   |
| 65        | 18.0  | 15.7  | 23.5   |





#7

Phenol-d6

Concen: 67.37 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085551.D

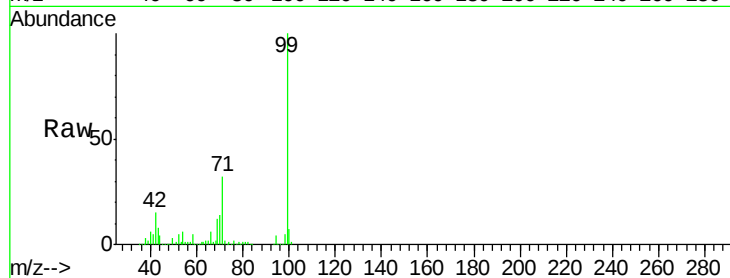
Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

ClientSampleId :

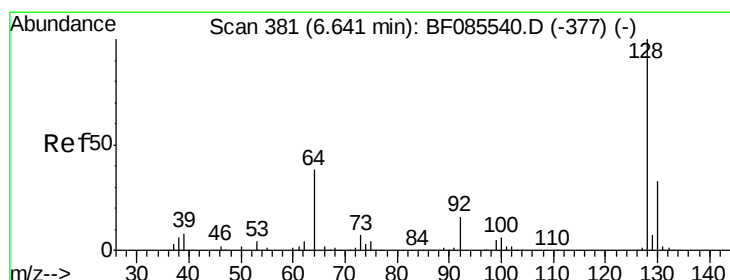
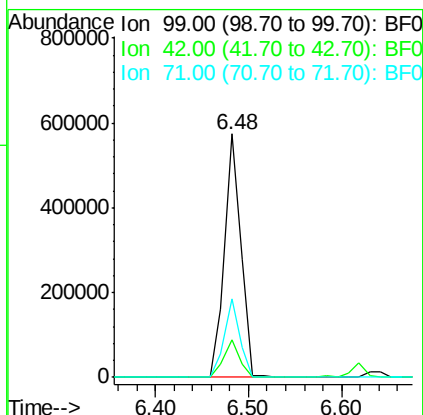
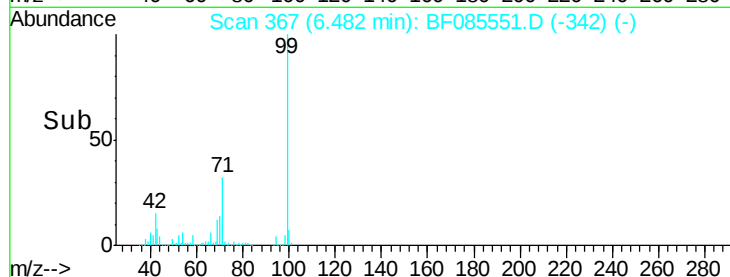
PB88981BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 706170 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.5  | 11.1  | 16.7   |
| 71        | 32.0  | 24.9  | 37.3   |

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#8

2-Chlorophenol

Concen: 32.89 ng

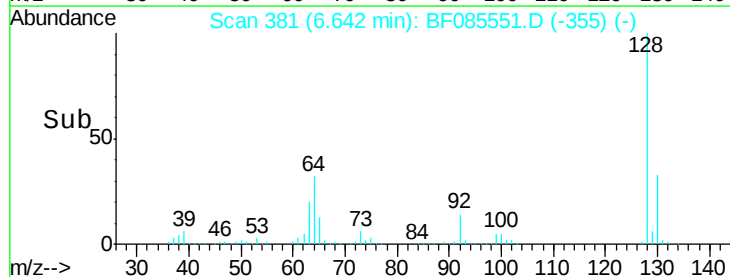
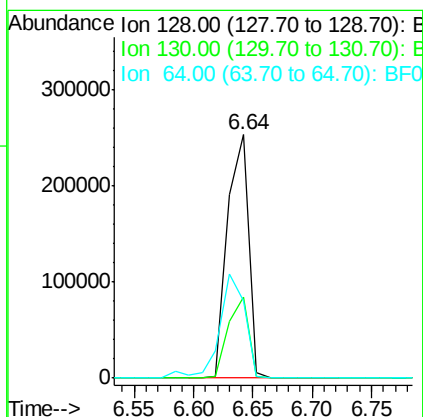
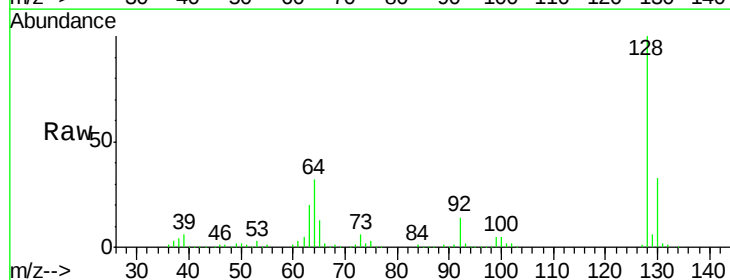
RT: 6.64 min Scan# 381

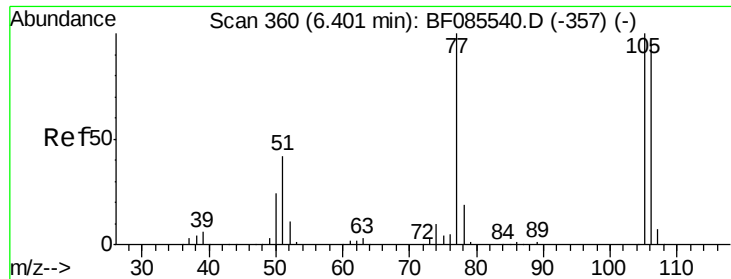
Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 311001 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.5  | 12.9  | 52.9   |
| 64        | 31.5  | 20.2  | 60.2   |





#9

Benzaldehyde

Concen: 8.14 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

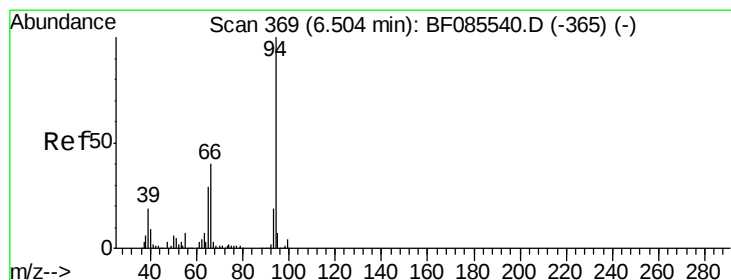
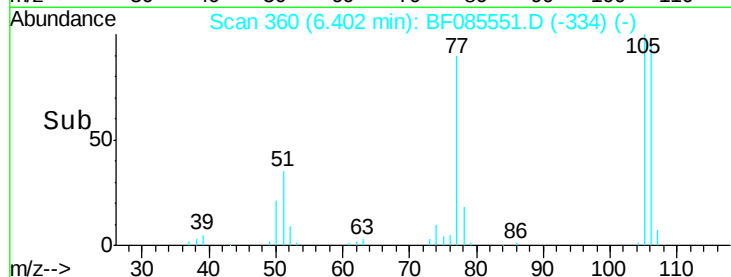
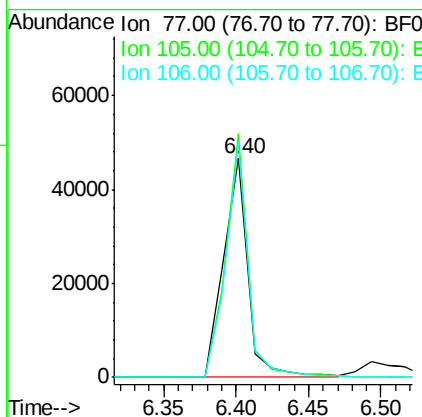
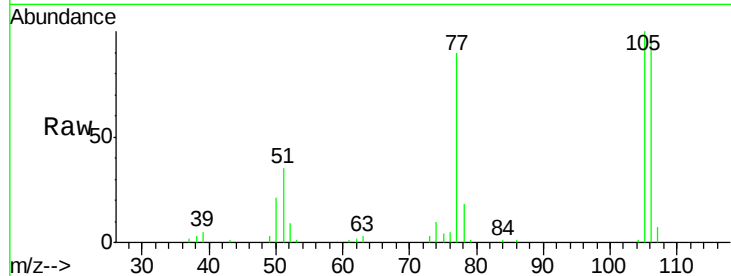
ClientSampleId :

PB88981BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 54239 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 111.2 | 80.1  | 120.1 |
| 106      | 106.9 | 75.0  | 115.0 |

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#10

Phenol

Concen: 29.89 ng

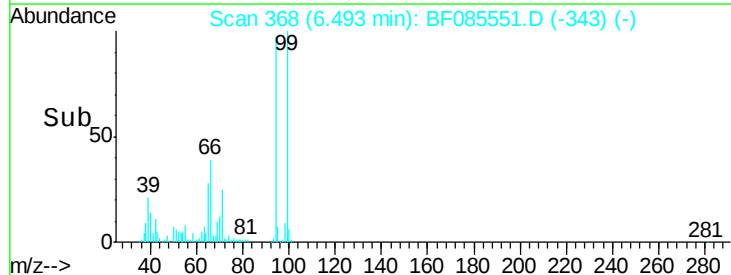
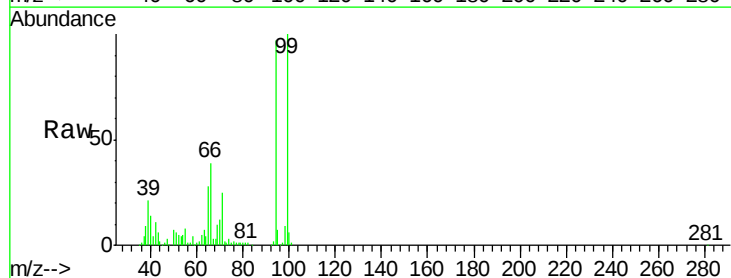
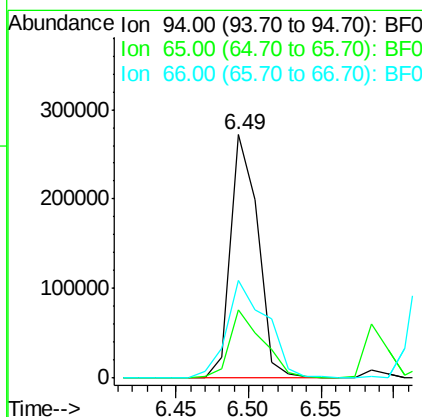
RT: 6.49 min Scan# 368

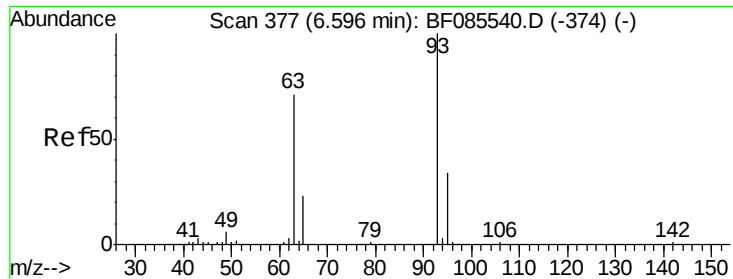
Delta R.T. -0.01 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 356833 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 28.3  | 8.6   | 48.6   |
| 66       | 40.2  | 20.0  | 60.0   |





#11

bis(2-Chloroethyl)ether

Concen: 31.14 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

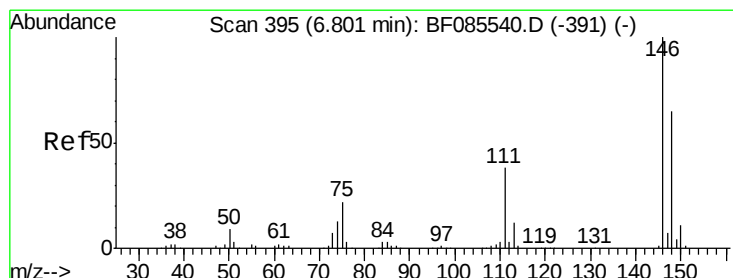
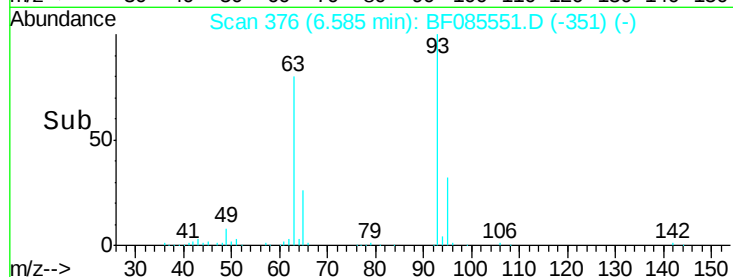
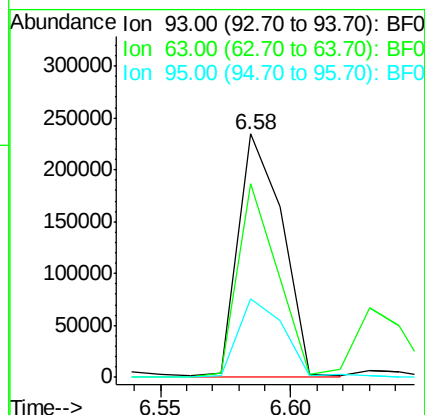
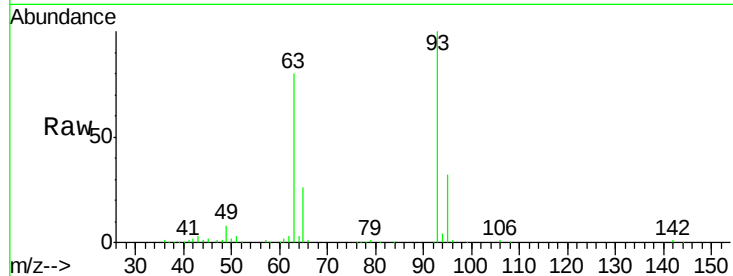
ClientSampleId :

PB88981BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 280319 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 79.7  | 50.9  | 90.9   |
| 95        | 32.4  | 13.3  | 53.3   |

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#12

1,3-Dichlorobenzene

Concen: 31.66 ng m

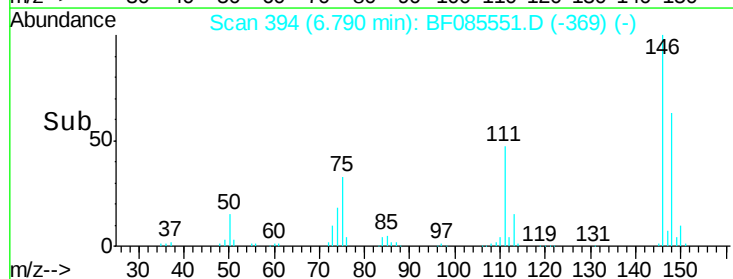
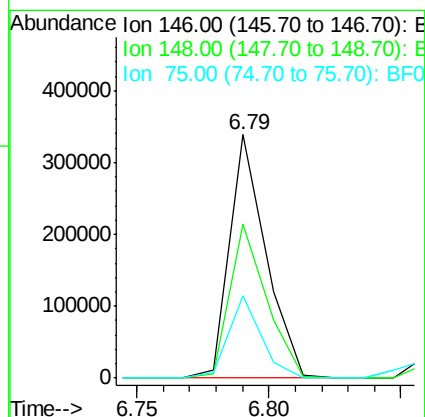
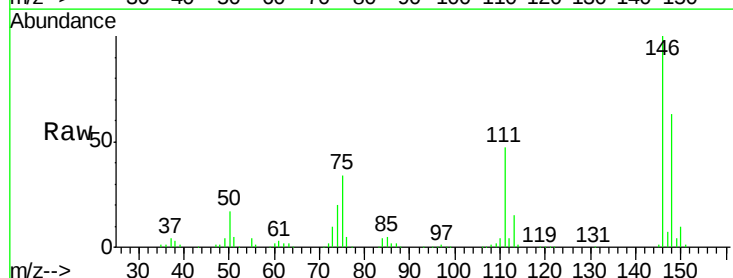
RT: 6.79 min Scan# 394

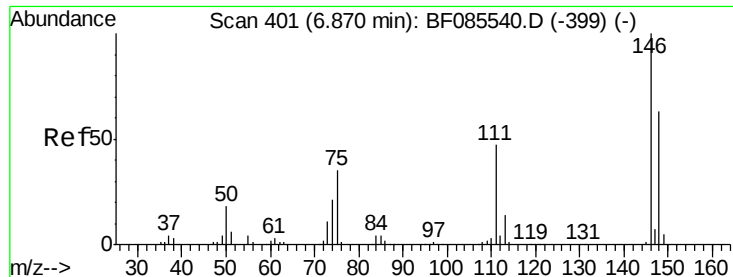
Delta R.T. -0.01 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 326187 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 52.3  | 78.5   |
| 75        | 33.7  | 17.4  | 26.2#  |





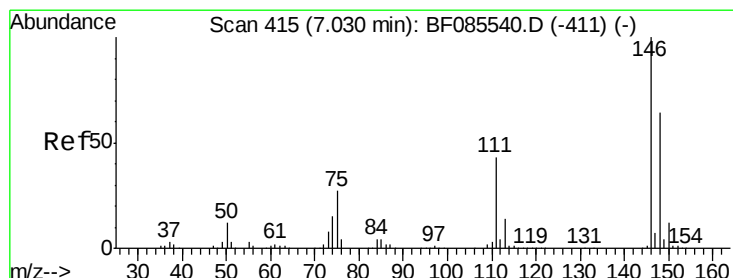
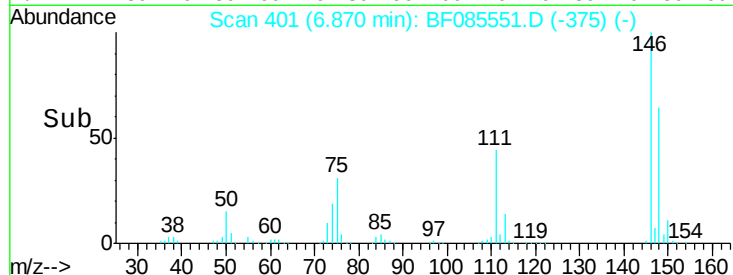
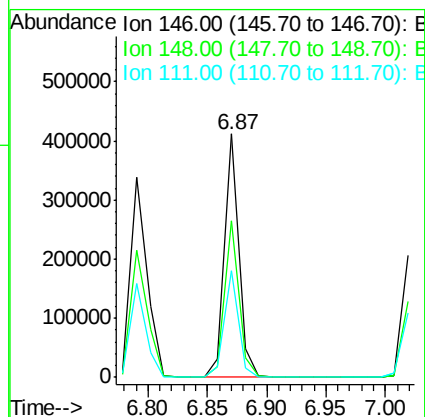
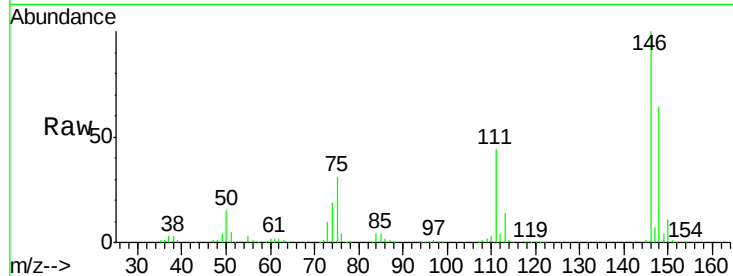
#13  
 1,4-Dichlorobenzene  
 Concen: 32.38 ng  
 RT: 6.87 min Scan# 401  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 50.6  | 76.0  |
| 111     | 43.6  | 37.8  | 56.6  |

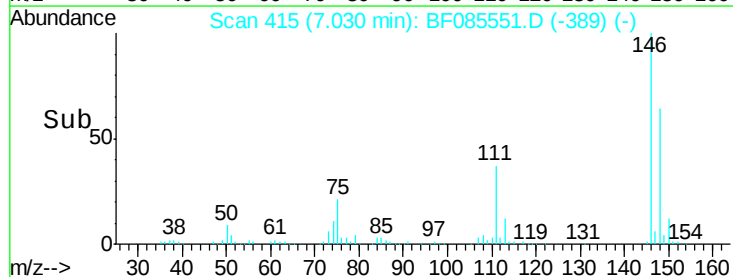
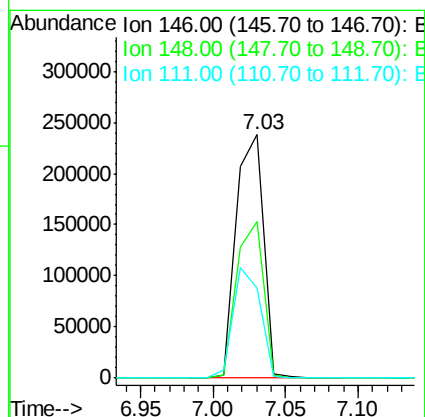
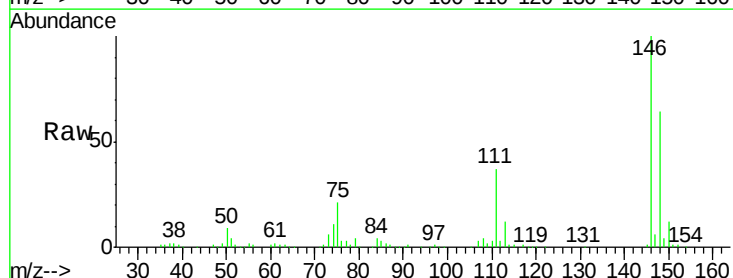
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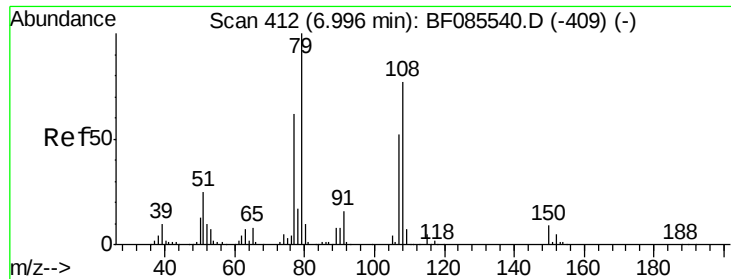
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#14  
 1,2-Dichlorobenzene  
 Concen: 33.34 ng  
 RT: 7.03 min Scan# 415  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.4  | 77.2  |
| 111     | 37.2  | 34.6  | 52.0  |





#15

Benzyl Alcohol

Concen: 34.74 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

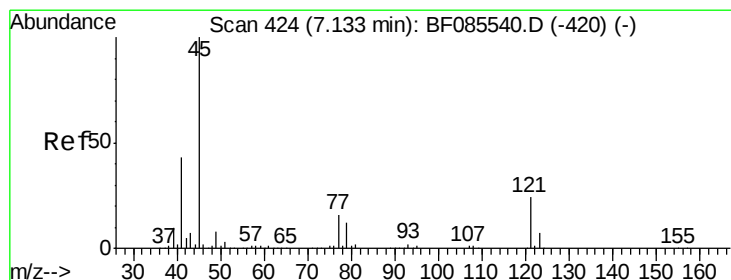
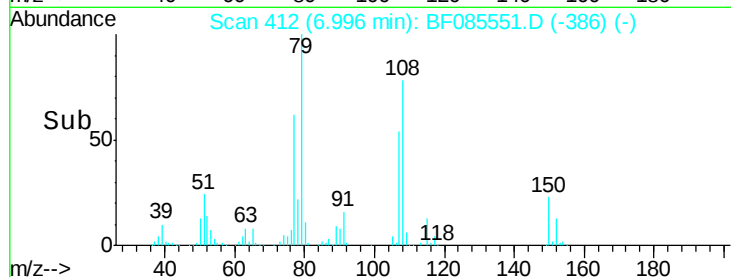
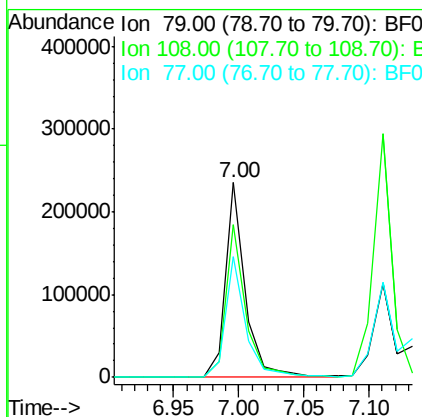
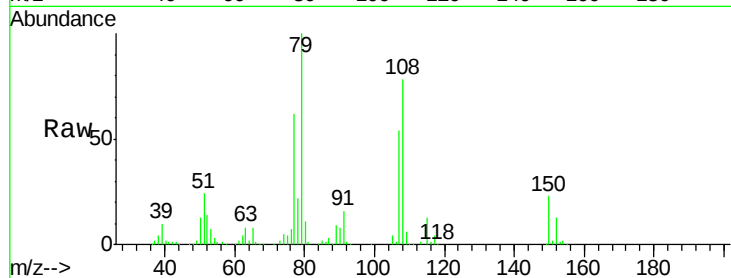
ClientSampleId :

PB88981BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 249402 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 78.4  | 61.8  | 92.6   |
| 77        | 62.2  | 49.6  | 74.4   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.45 ng

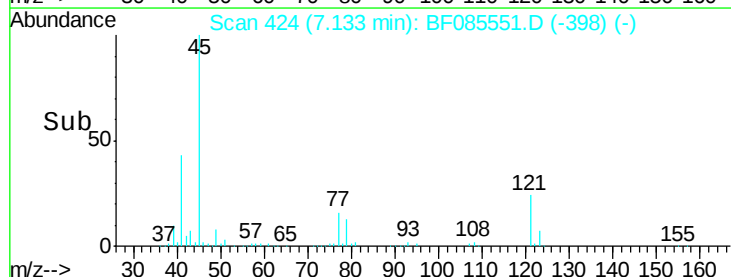
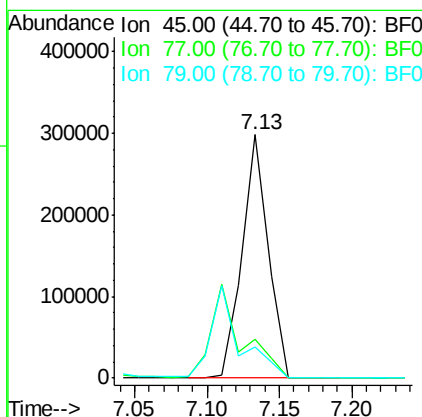
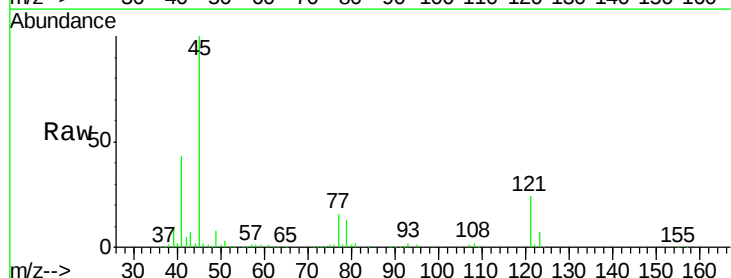
RT: 7.13 min Scan# 424

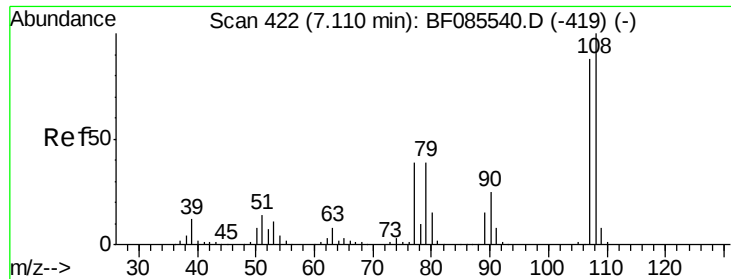
Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 372226 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.9  | 0.0   | 35.7   |
| 79        | 12.5  | 0.0   | 32.2   |





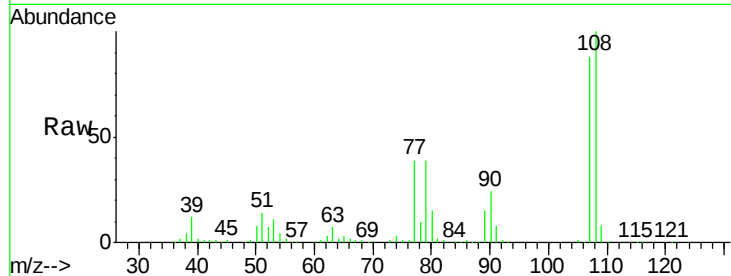
#17  
2-Methylphenol  
Concen: 32.57 ng  
RT: 7.11 min Scan# 422  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

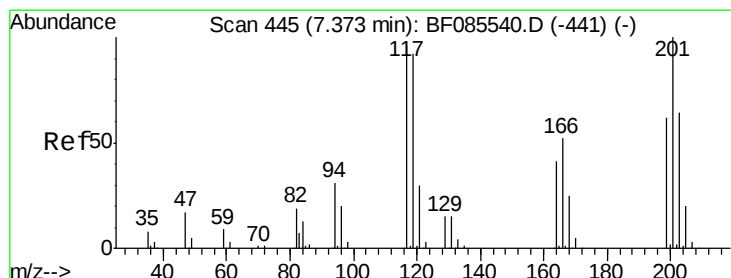
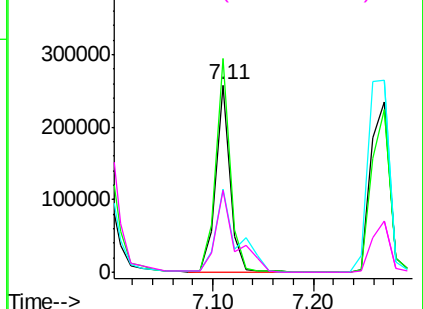
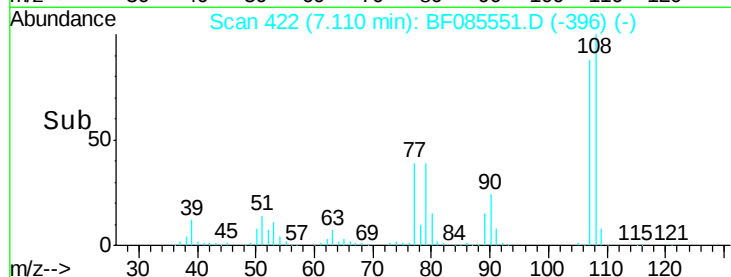
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 255287 |       |       |
| 108     | 114.1 | 91.4   | 137.0 |       |
| 77      | 44.8  | 36.2   | 54.2  |       |
| 79      | 44.1  | 35.8   | 53.8  |       |

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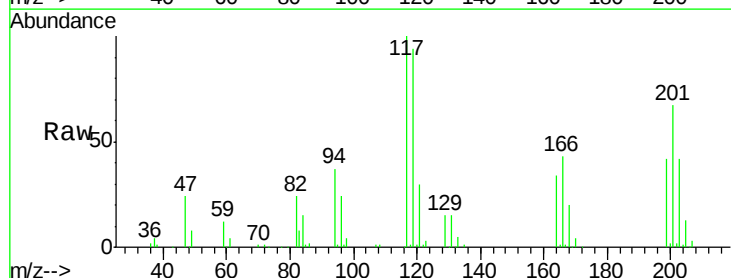


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

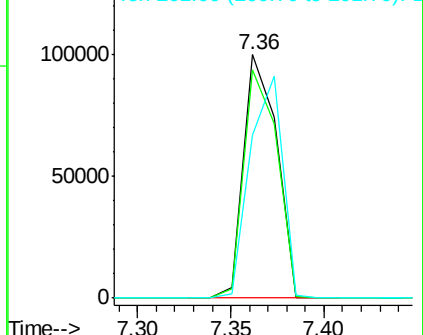
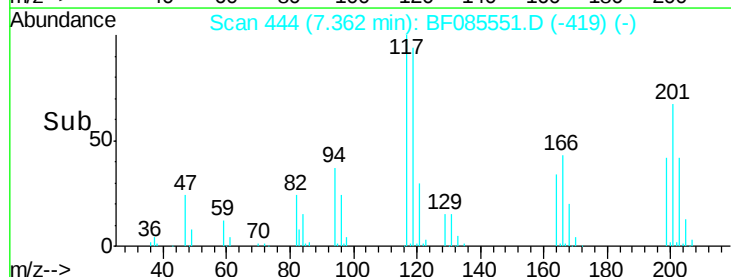


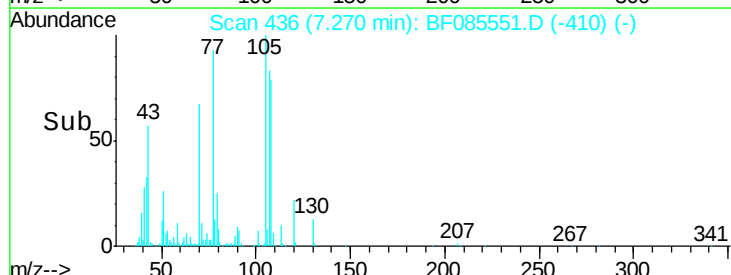
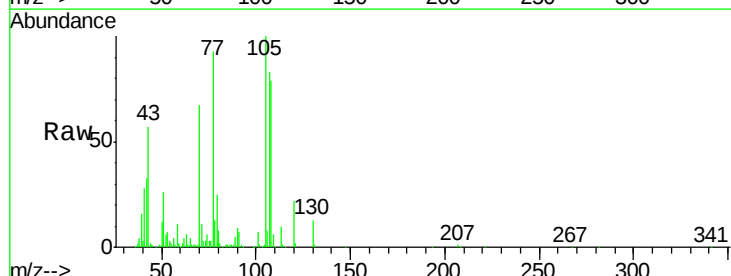
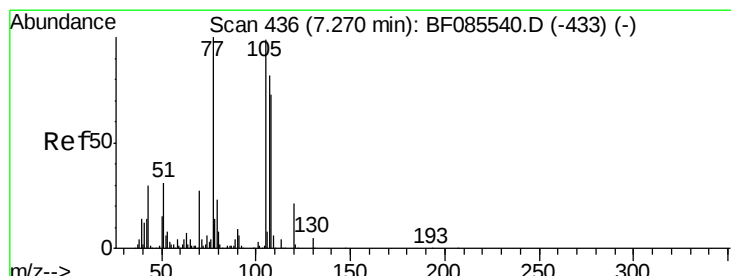
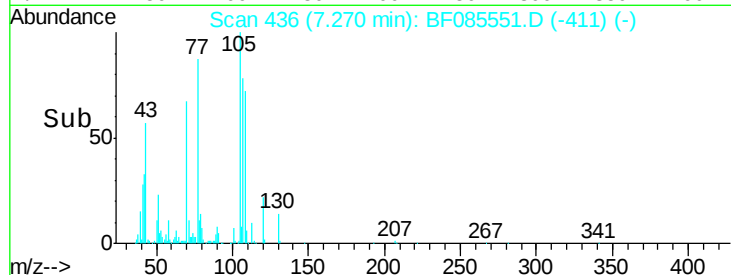
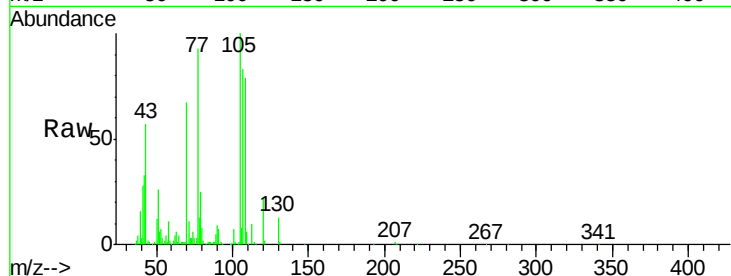
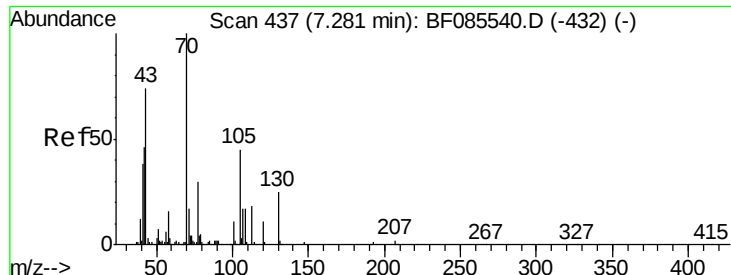
#18  
Hexachloroethane  
Concen: 32.34 ng  
RT: 7.36 min Scan# 444  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 117     | 100   | 122717 |        |       |
| 119     | 93.8  | 76.7   | 115.1  |       |
| 201     | 67.2  | 83.3   | 124.9# |       |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

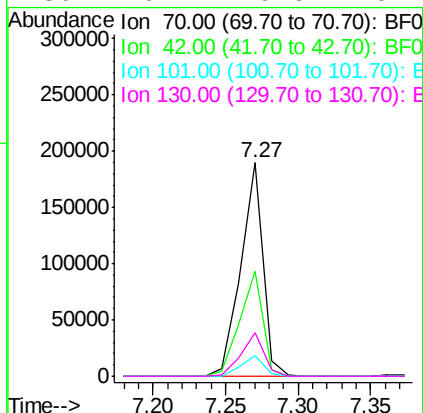




#19  
n-Nitroso-di-n-propylamine  
Concen: 32.25 ng  
RT: 7.27 min Scan# 436  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 49.0  | 37.1  | 55.7  |
| 101     | 9.8   | 8.6   | 12.8  |
| 130     | 20.1  | 19.6  | 29.4  |

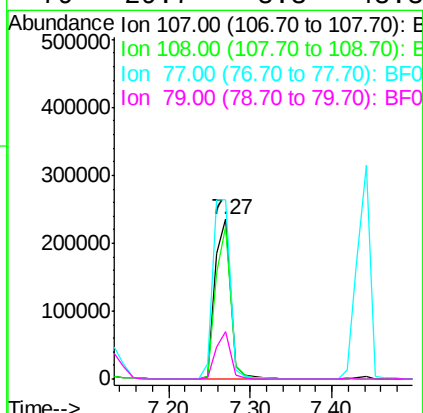


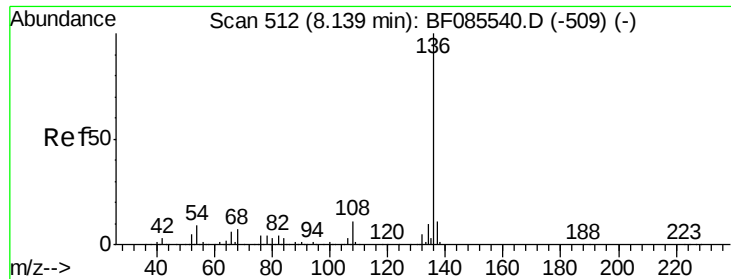
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#20  
3+4-Methylphenols  
Concen: 34.29 ng  
RT: 7.27 min Scan# 436  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 95.5  | 69.3  | 109.3 |
| 77      | 112.5 | 101.7 | 141.7 |
| 79      | 29.7  | 8.3   | 48.3  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

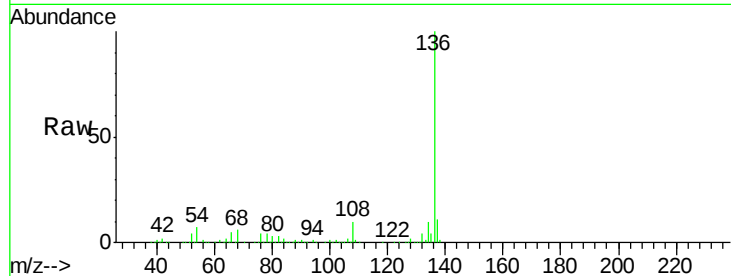
ClientSampleId :

PB88981BS

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 136 | 100  |       | 556453 |       |       |
| 137 | 11.1 | 9.1   | 13.7   |       |       |
| 54  | 7.4  | 7.4   | 11.0   |       |       |
| 68  | 5.9  | 5.8   | 8.8    |       |       |

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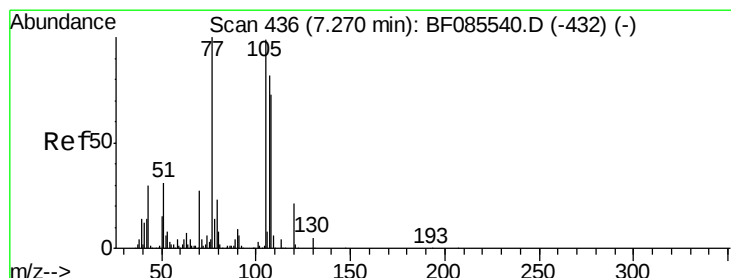
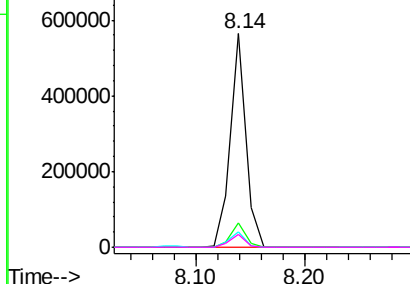
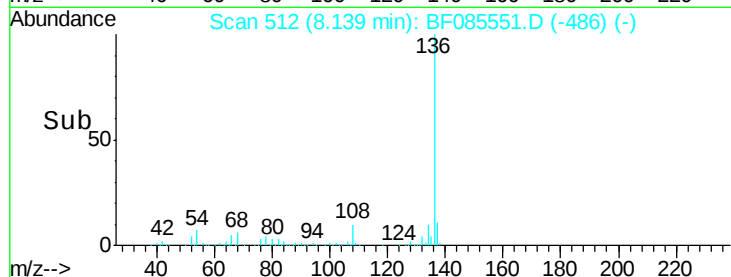


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.80 ng

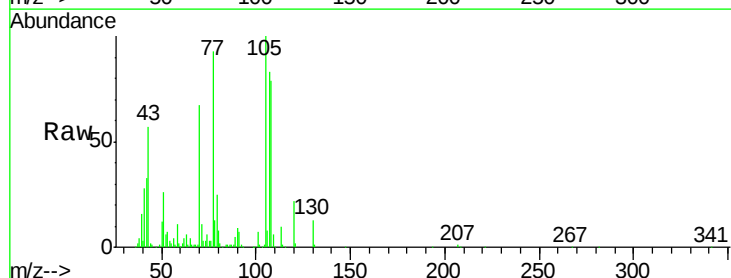
RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 105 | 100  |       | 406697 |       |       |
| 71  | 11.3 | 3.6   | 5.4#   |       |       |
| 51  | 25.9 | 25.4  | 38.0   |       |       |
| 120 | 22.3 | 16.9  | 25.3   |       |       |

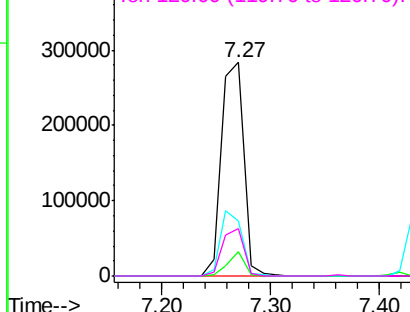
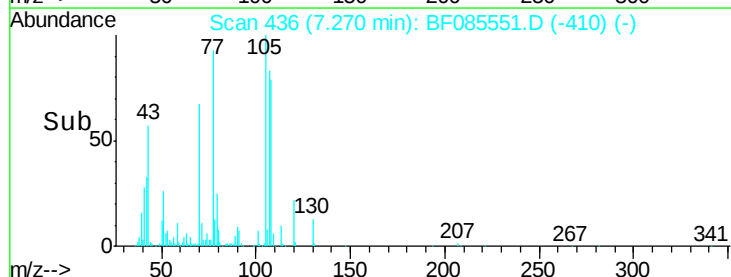


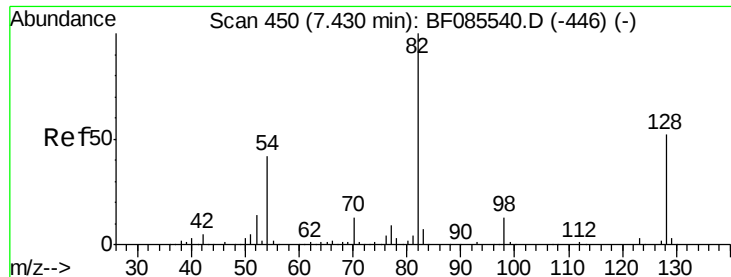
Abundance Ion 105.00 (104.70 to 105.70): E

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





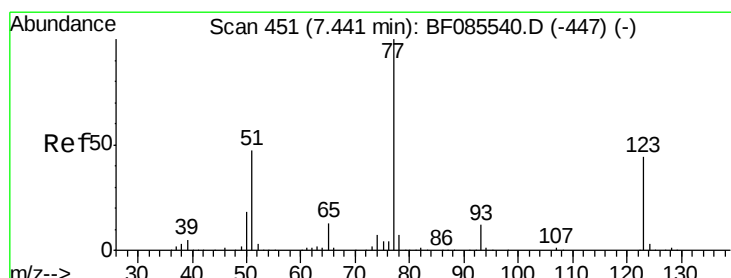
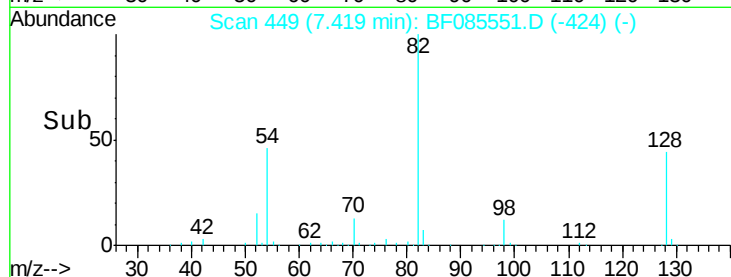
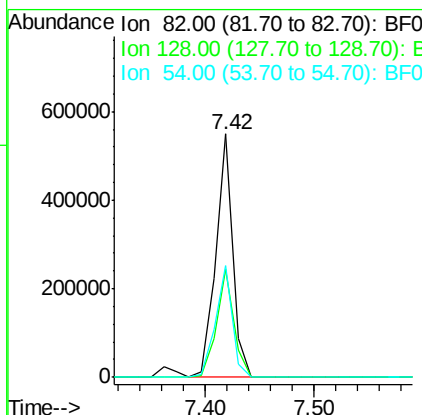
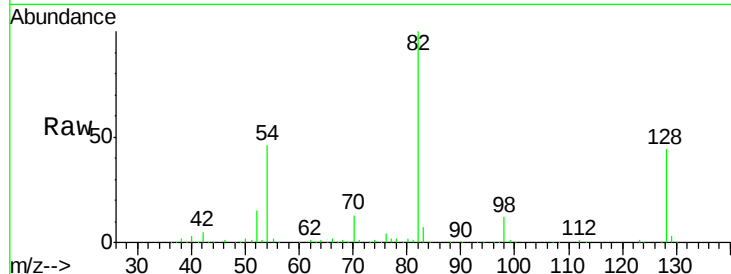
#23  
 Nitrobenzene-d5  
 Concen: 62.72 ng  
 RT: 7.42 min Scan# 449  
 Delta R.T. -0.01 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 601266 |       |       |
| 128     | 44.3  | 41.8   | 62.8  |       |
| 54      | 45.7  | 33.4   | 50.0  |       |

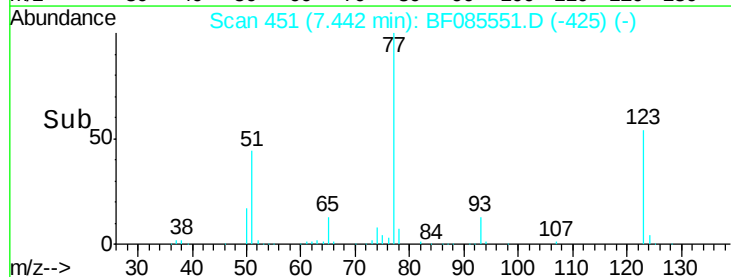
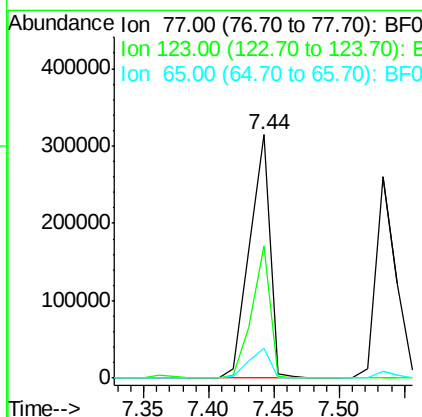
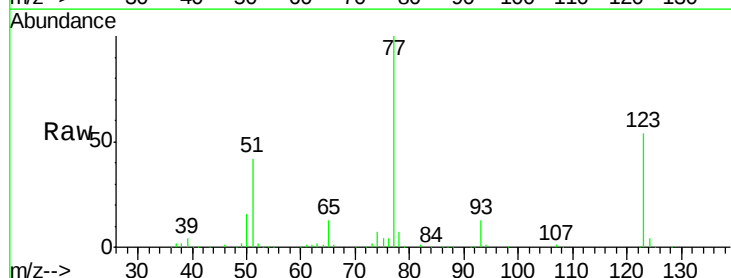
Manual Integrations  
 APPROVED

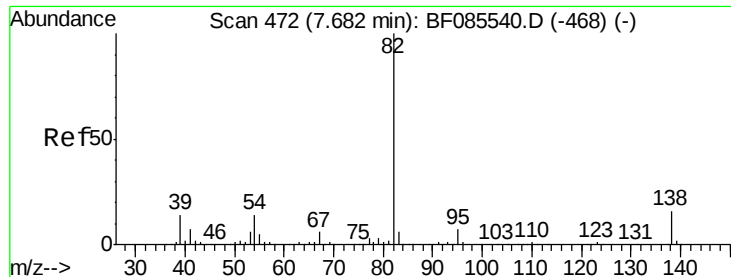
apatel  
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#24  
 Nitrobenzene  
 Concen: 32.59 ng  
 RT: 7.44 min Scan# 451  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 341995 |       |       |
| 123     | 54.4  | 35.0   | 52.4# |       |
| 65      | 12.5  | 10.6   | 16.0  |       |





#25

Isophorone

Concen: 32.05 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085551.D

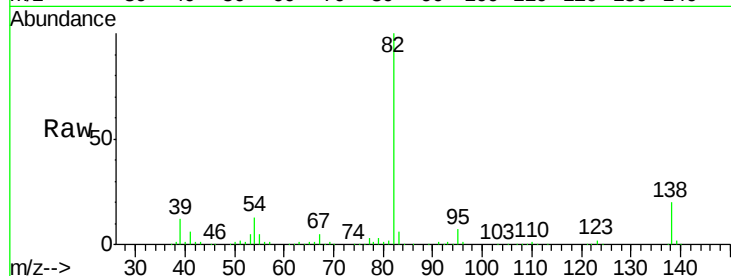
Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

ClientSampleId :

PB88981BS



Tgt Ion: 82 Resp: 615154

Ion Ratio Lower Upper

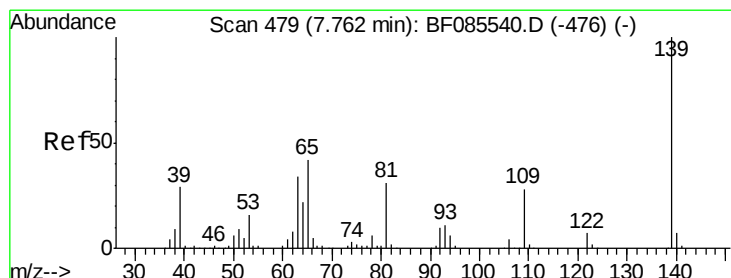
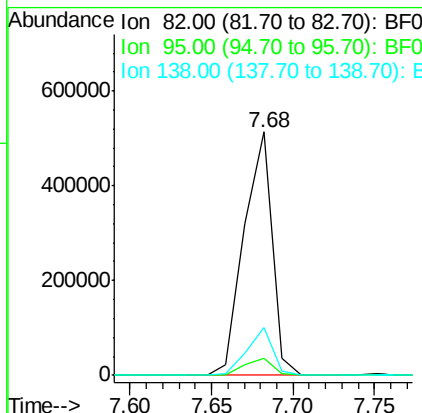
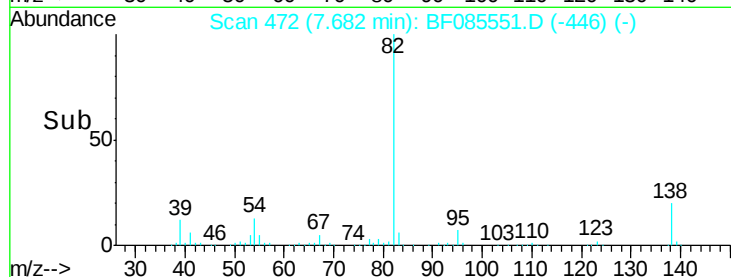
82 100

95 7.1 5.4 8.2

138 19.6 12.9 19.3#

Manual Integrations  
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#26

2-Nitrophenol

Concen: 31.89 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

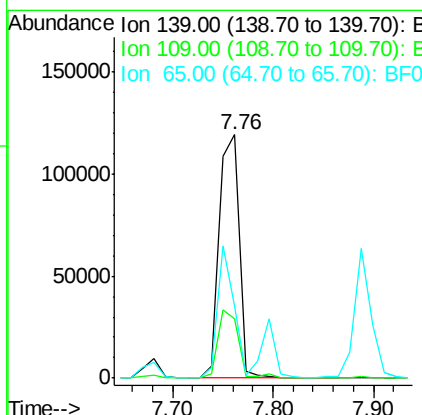
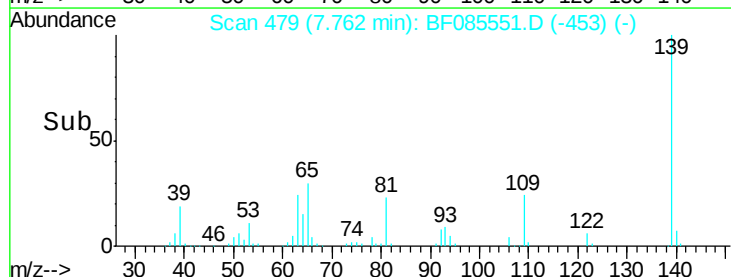
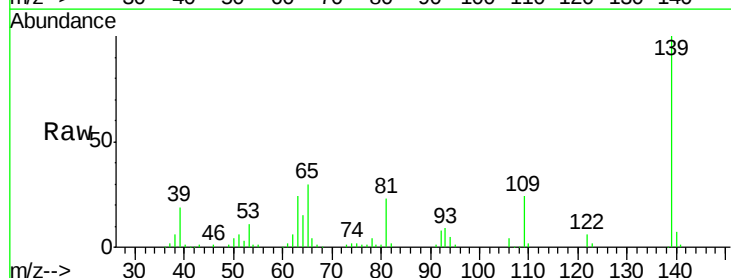
Tgt Ion: 139 Resp: 165368

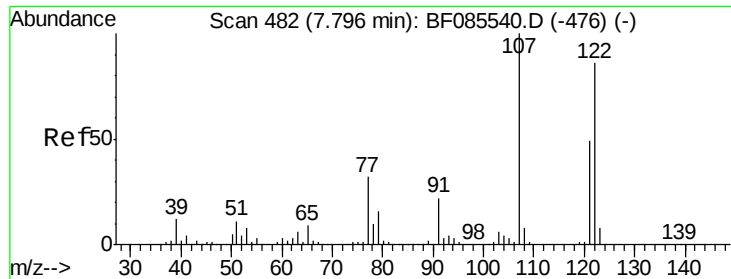
Ion Ratio Lower Upper

139 100

109 24.1 22.1 33.1

65 29.7 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 32.66 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

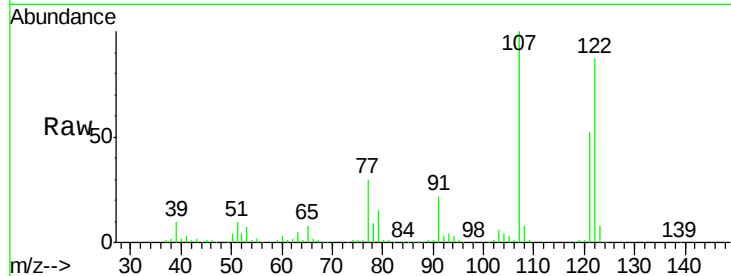
ClientSampled :

PB88981BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 299483 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 115.2 | 93.0  | 139.6  |
| 121       | 59.7  | 45.9  | 68.9   |

Manual Integrations  
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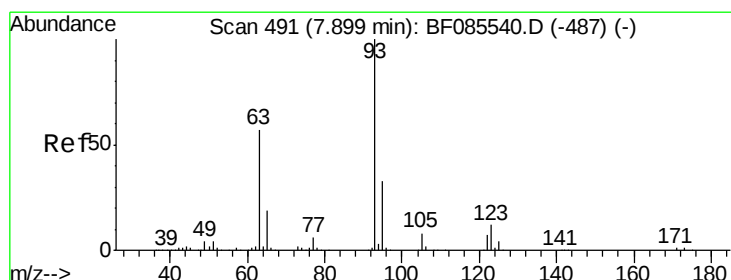
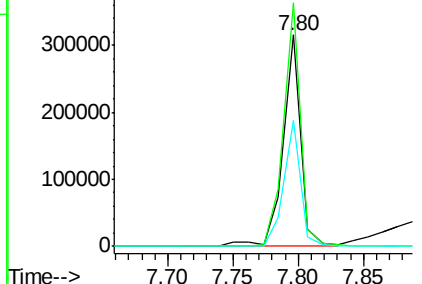
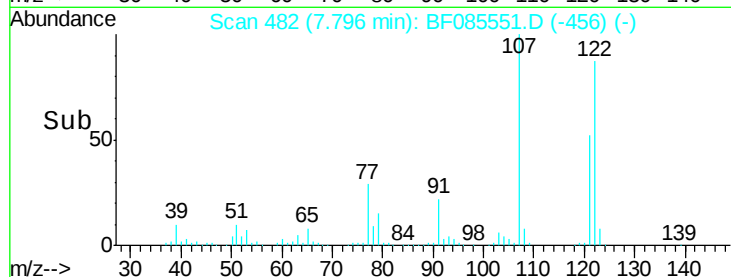
apatel  
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.50 ng

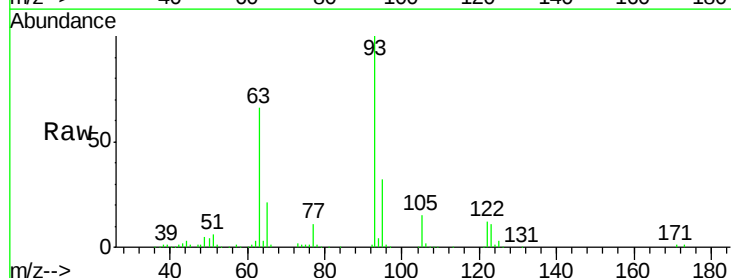
RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

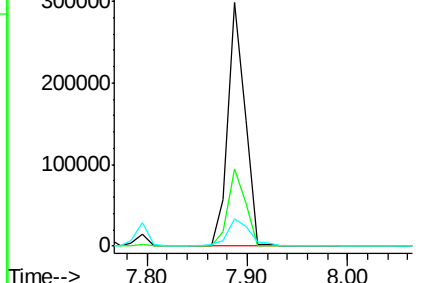
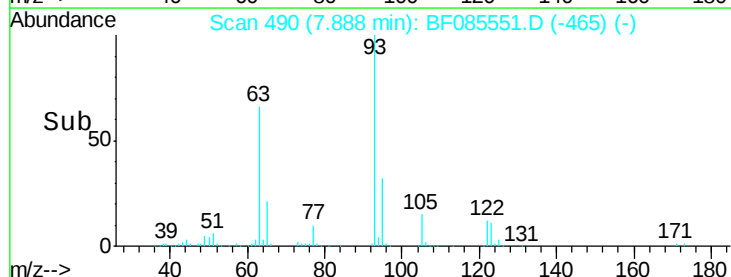
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 354768 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 31.7  | 26.4  | 39.6   |
| 123       | 11.0  | 9.8   | 14.6   |

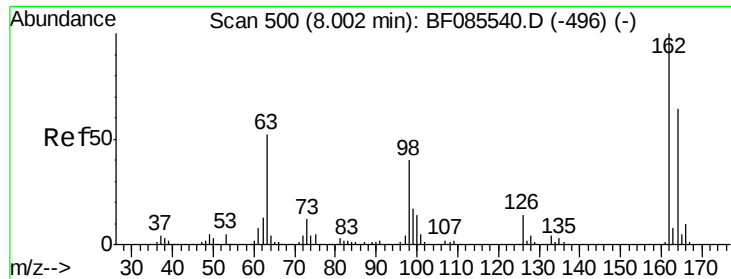


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





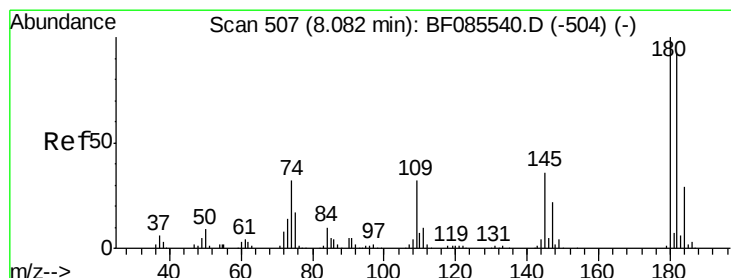
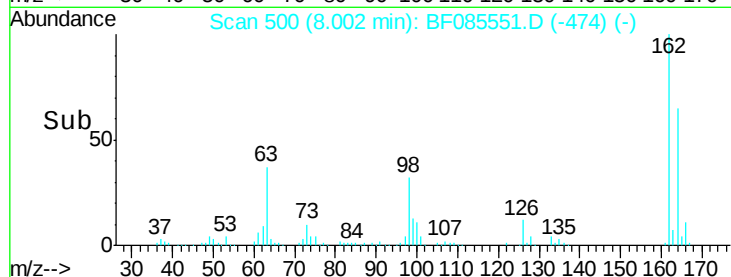
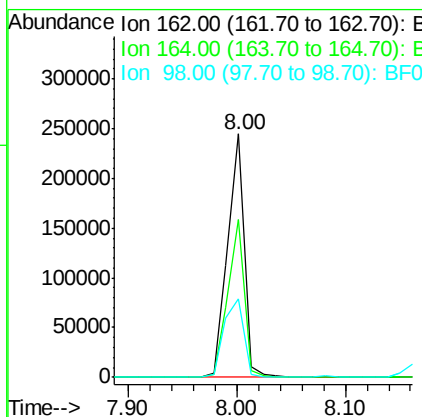
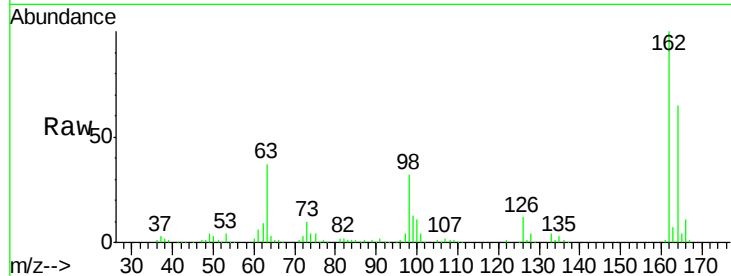
#29  
 2,4-Dichlorophenol  
 Concen: 34.21 ng  
 RT: 8.00 min Scan# 500  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 259105 |       |       |
| 164     | 64.8  | 43.7   | 83.7  |       |
| 98      | 32.2  | 20.4   | 60.4  |       |

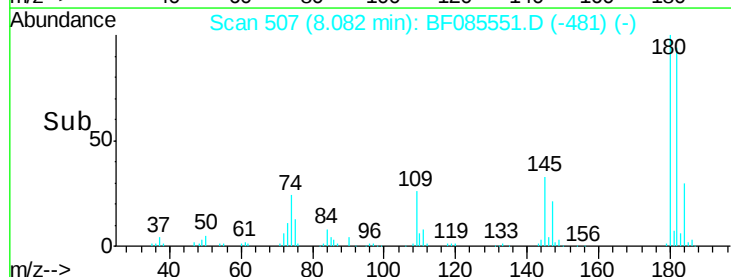
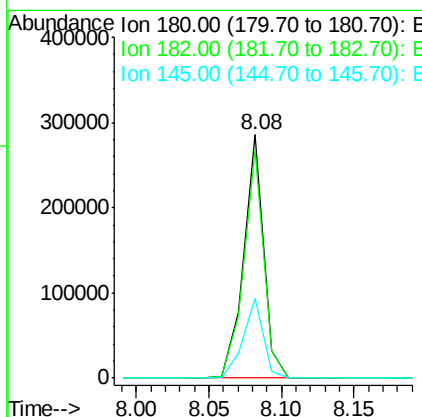
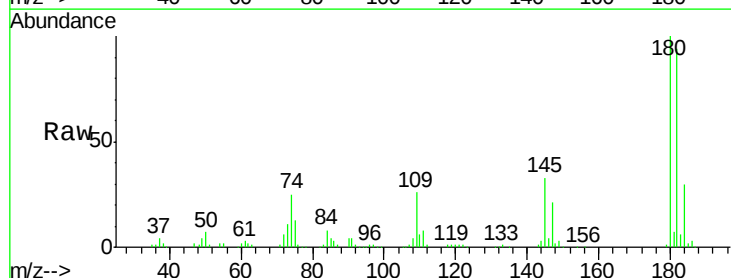
Manual Integrations  
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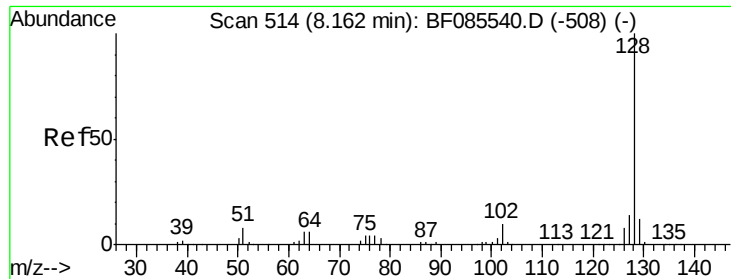
apatel  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 32.24 ng  
 RT: 8.08 min Scan# 507  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 273463 |       |       |
| 182     | 93.9  | 73.8   | 110.8 |       |
| 145     | 32.5  | 28.4   | 42.6  |       |





#31

Naphthalene

Concen: 32.34 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

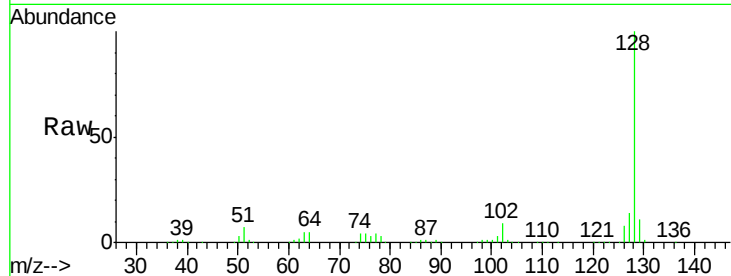
ClientSampleId :

PB88981BS

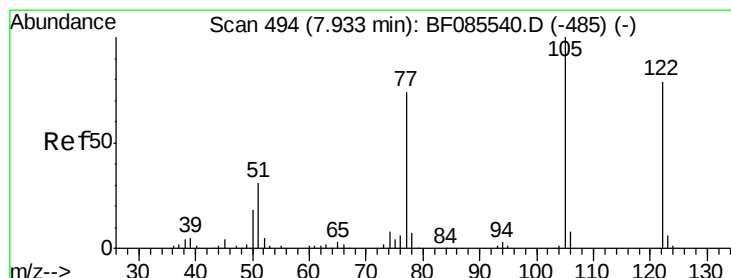
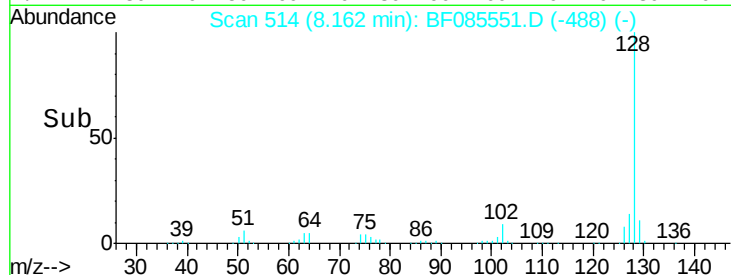
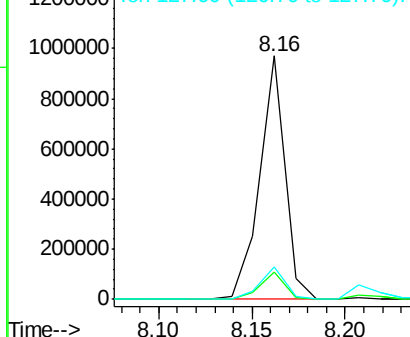
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 908302 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.5  | 9.4   | 14.0   |
| 127       | 13.5  | 11.0  | 16.6   |

Manual Integrations  
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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: 24.34 ng

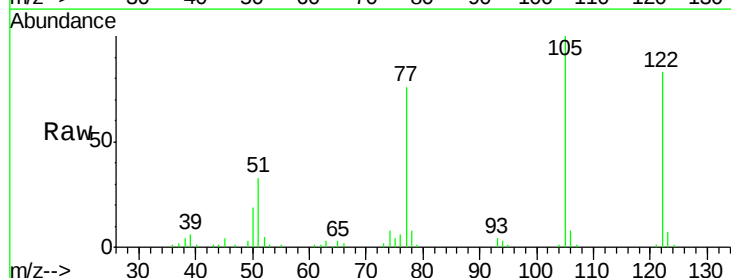
RT: 7.91 min Scan# 492

Delta R.T. -0.02 min

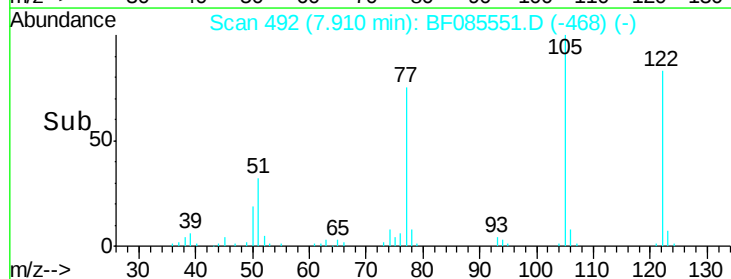
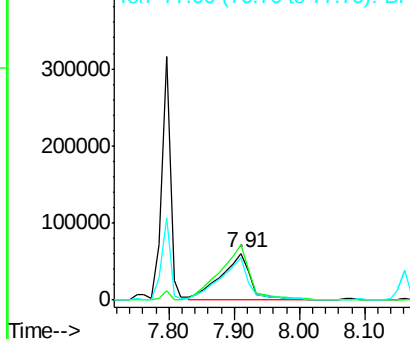
Lab File: BF085551.D

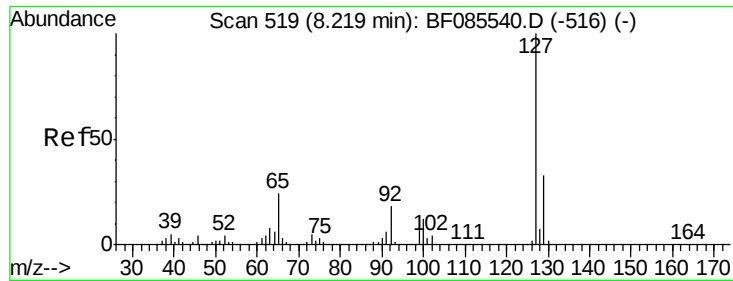
Acq: 19 Mar 2016 3:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 186623 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 120.2 | 102.9 | 142.9  |
| 77        | 91.7  | 71.8  | 111.8  |



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





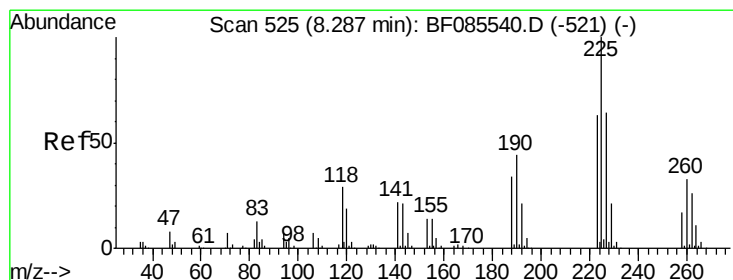
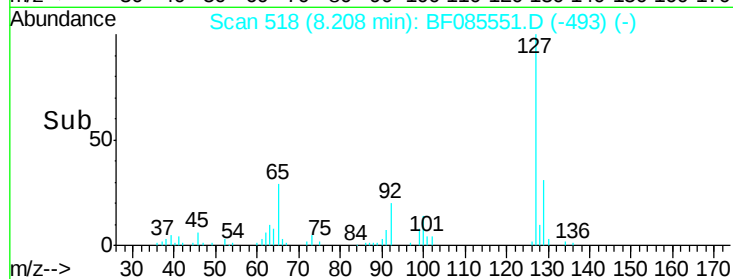
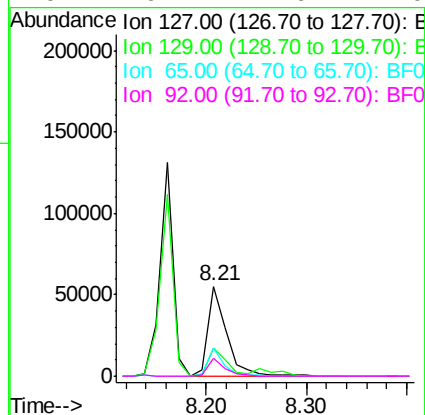
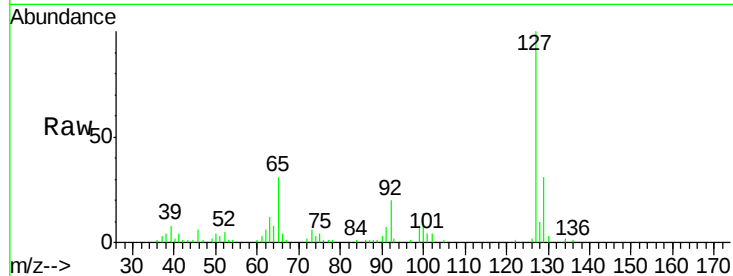
#33  
4-Chloroaniline  
Concen: 6.20 ng  
RT: 8.21 min Scan# 518  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 31.4  | 26.1       | 39.1  |
| 65      | 31.4  | 19.5       | 29.3  |
| 92      | 20.2  | 14.6       | 22.0  |

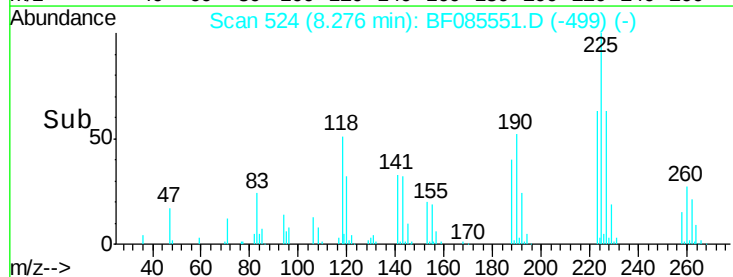
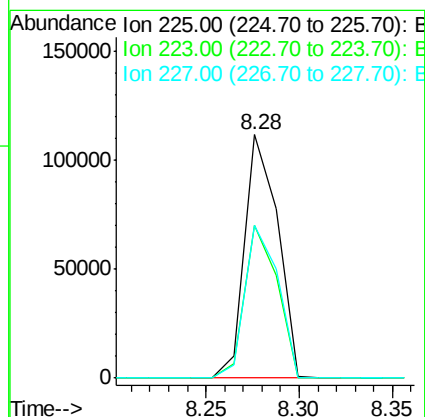
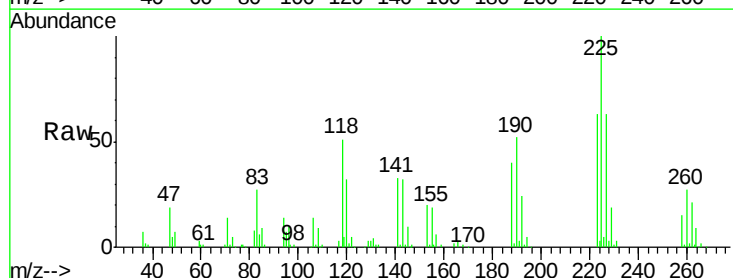
Manual Integrations  
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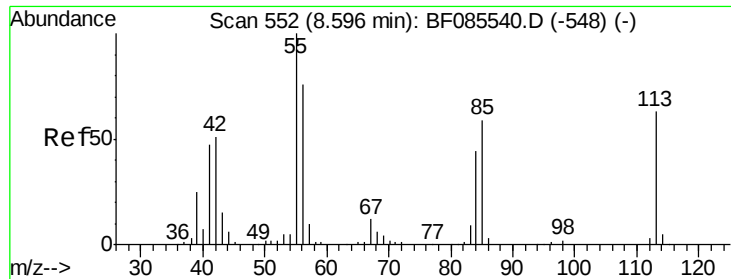
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#34  
Hexachlorobutadiene  
Concen: 30.33 ng  
RT: 8.28 min Scan# 524  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 62.7  | 50.4       | 75.6  |
| 227     | 62.9  | 51.4       | 77.2  |





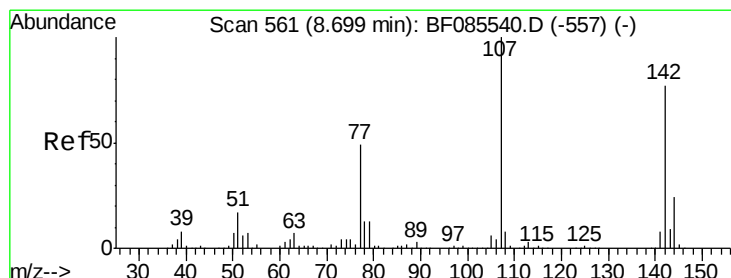
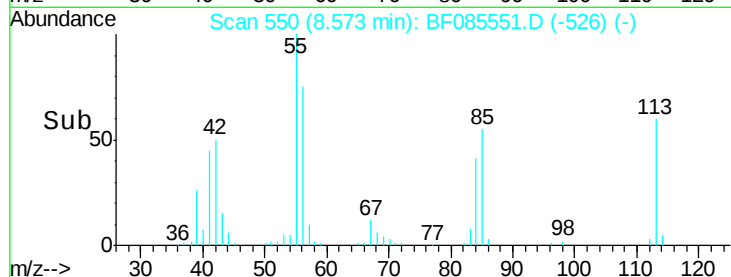
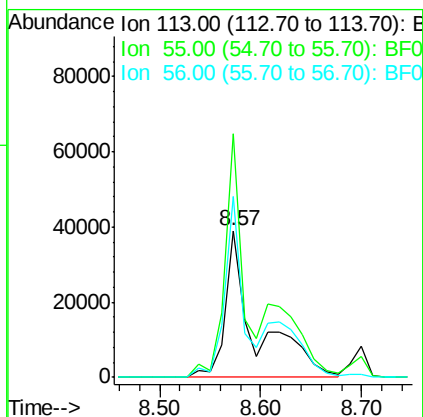
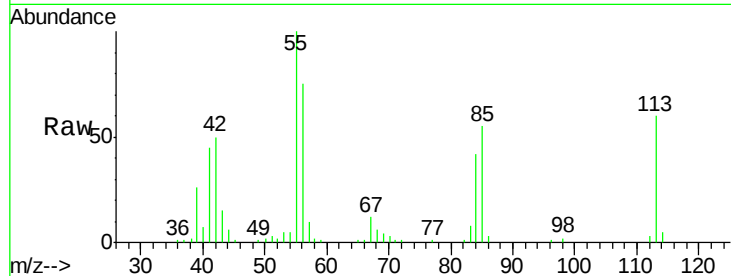
#35  
Caprolactam  
Concen: 31.59 ng m  
RT: 8.57 min Scan# 550  
Delta R.T. -0.02 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

Tgt Ion:113 Resp: 82330  
Ion Ratio Lower Upper  
113 100  
55 166.2 139.4 179.4  
56 123.9 100.4 140.4

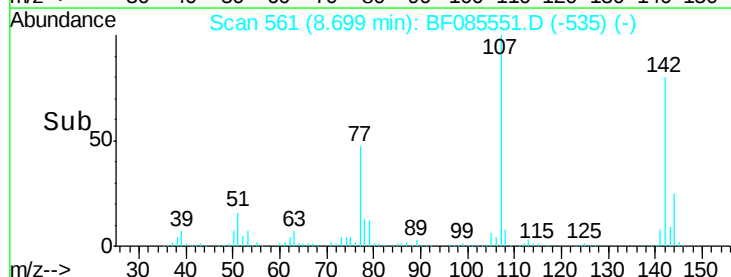
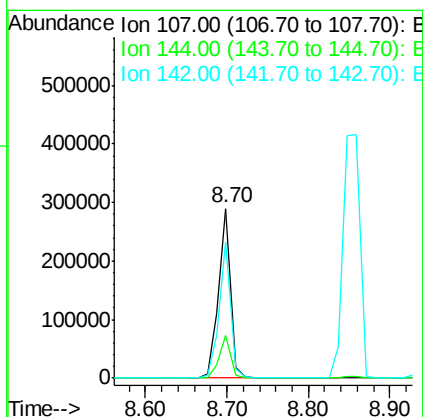
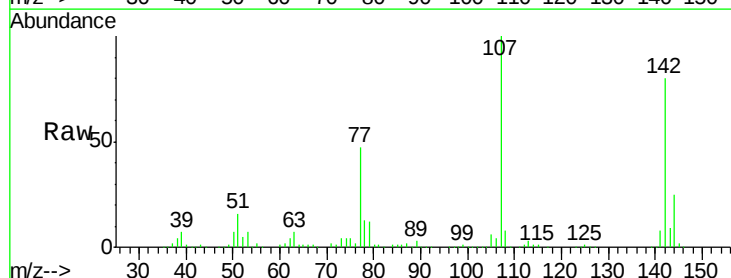
Manual Integrations  
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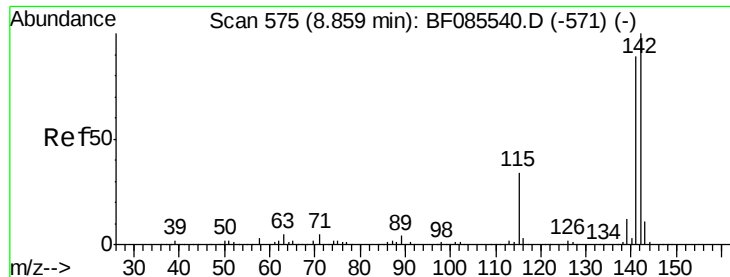
apatel  
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#36  
4-Chloro-3-methylphenol  
Concen: 33.71 ng  
RT: 8.70 min Scan# 561  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Tgt Ion:107 Resp: 298207  
Ion Ratio Lower Upper  
107 100  
144 25.1 19.3 28.9  
142 80.1 61.4 92.0





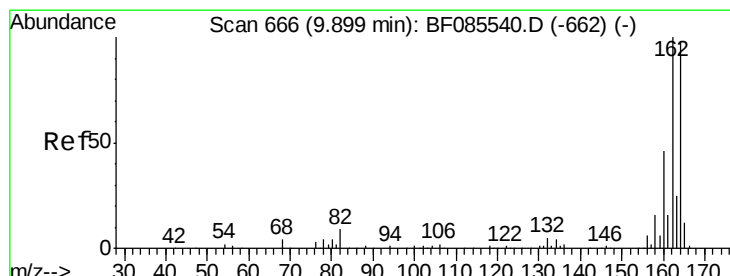
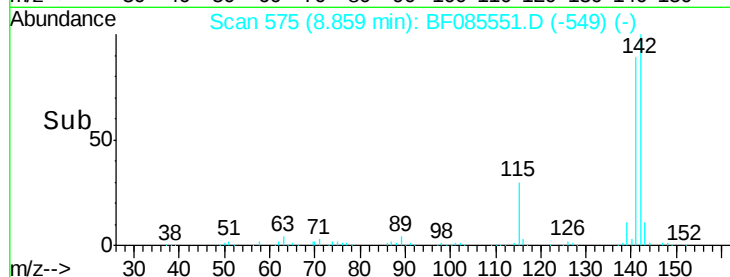
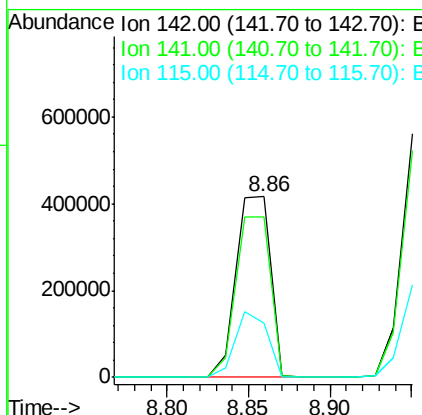
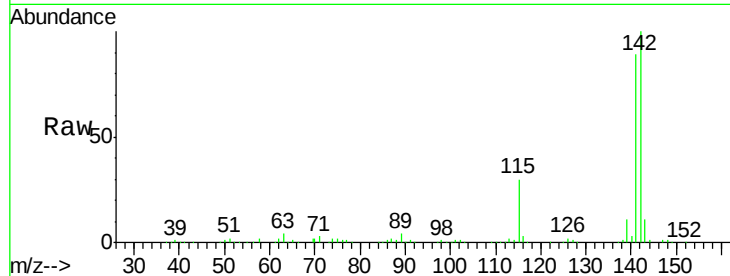
#37  
 2-Methylnaphthalene  
 Concen: 35.66 ng  
 RT: 8.86 min Scan# 575  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 610588 |       |       |
| 141     | 88.6  | 71.6   | 107.4 |       |
| 115     | 30.2  | 26.8   | 40.2  |       |

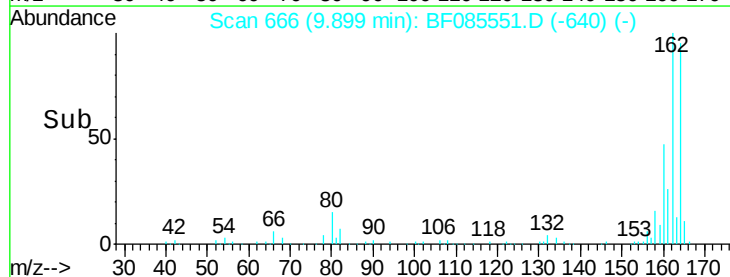
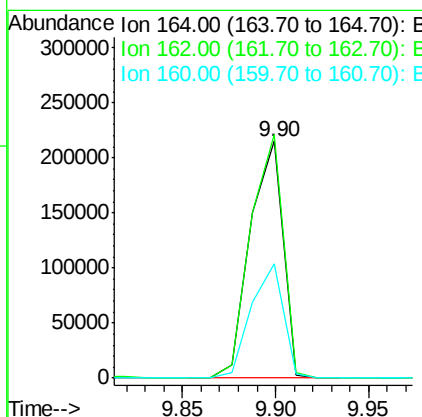
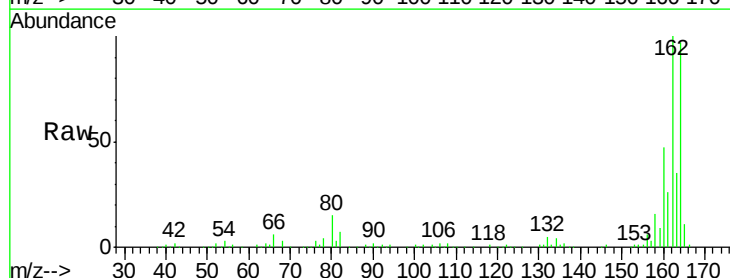
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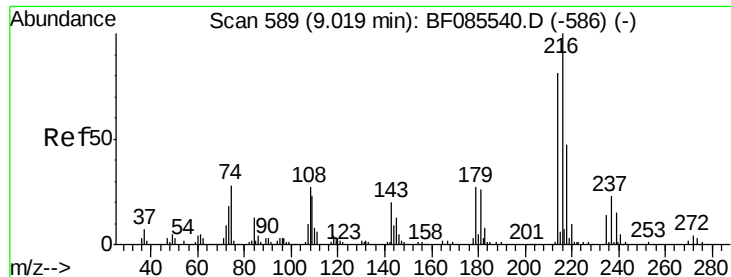
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.90 min Scan# 666  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 260864 |       |       |
| 162     | 102.9 | 82.1   | 123.1 |       |
| 160     | 48.2  | 37.4   | 56.2  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.71 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

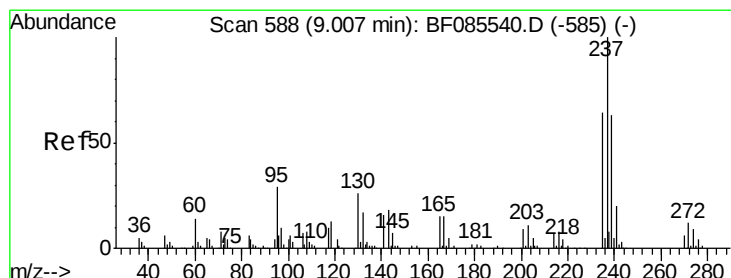
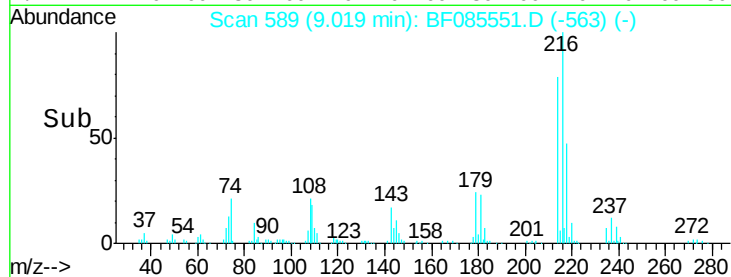
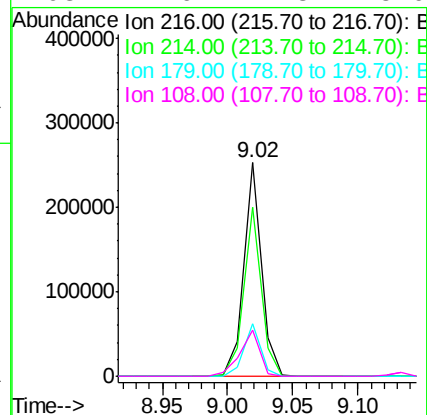
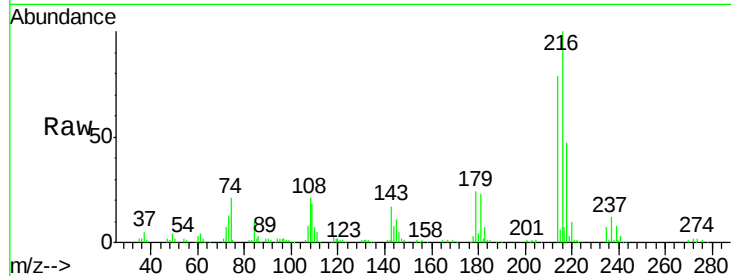
ClientSampleId :

PB88981BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 235101 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.5  | 63.1  | 94.7   |
| 179       | 23.5  | 18.2  | 27.2   |
| 108       | 24.6  | 17.3  | 25.9   |

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#40

Hexachlorocyclopentadiene

Concen: 73.17 ng

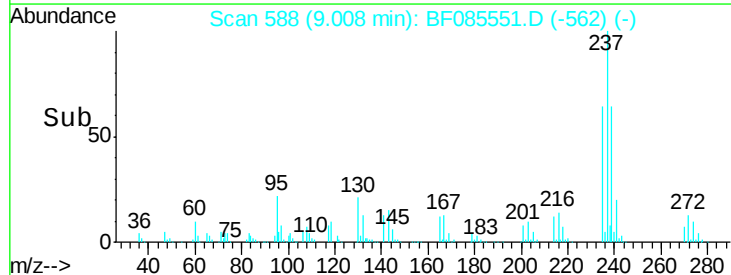
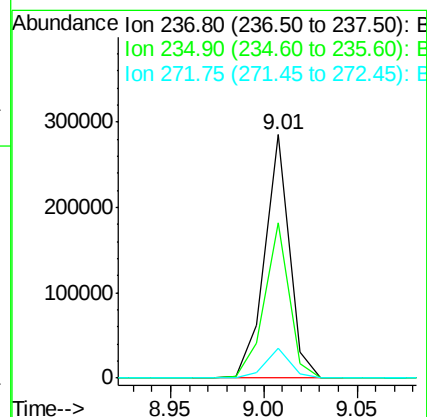
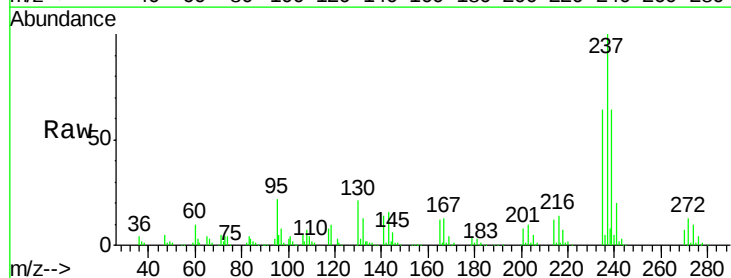
RT: 9.01 min Scan# 588

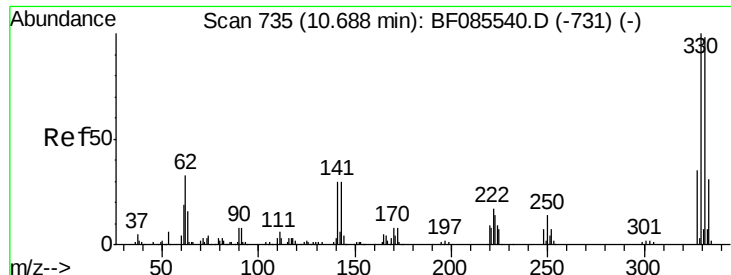
Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 260947 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.9  | 43.7  | 83.7   |
| 272       | 12.5  | 0.0   | 31.9   |





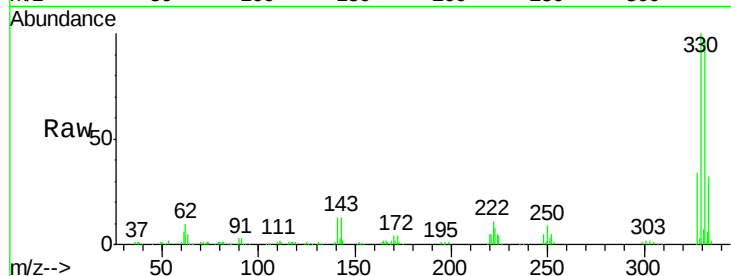
#41  
 2,4,6-Tribromophenol  
 Concen: 66.72 ng  
 RT: 10.69 min Scan# 735  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

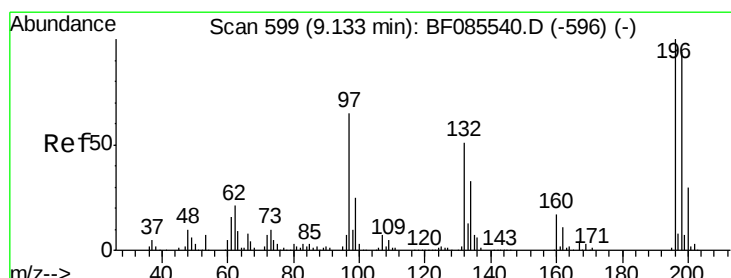
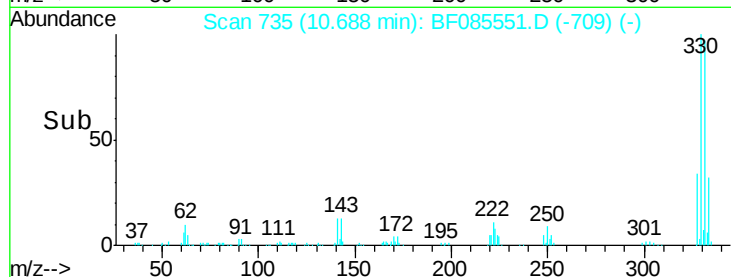
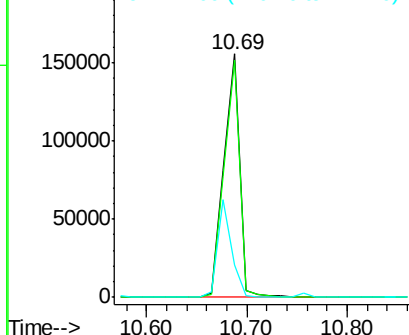
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 170492 |       |       |
| 332     | 96.4  | 78.2   | 117.2 |       |
| 141     | 36.0  | 31.5   | 47.3  |       |

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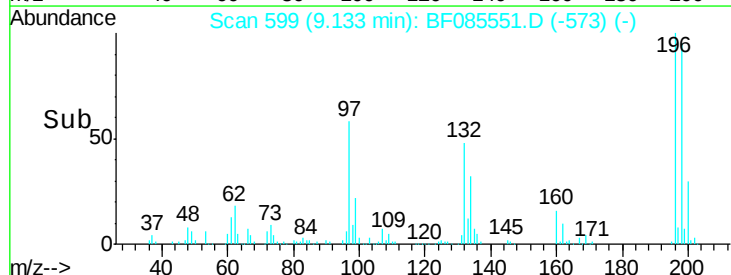
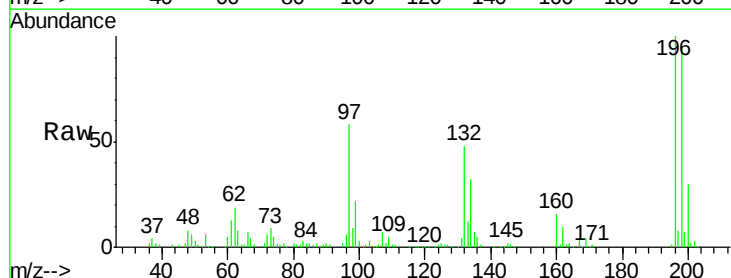
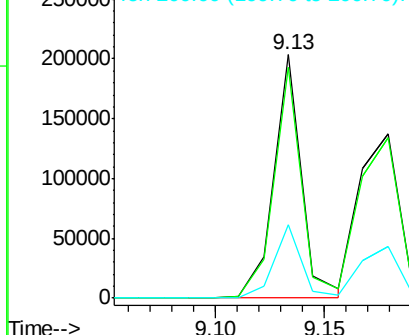
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

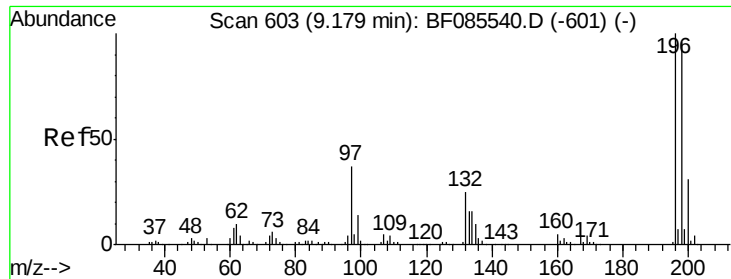


#42  
 2,4,6-Trichlorophenol  
 Concen: 33.69 ng  
 RT: 9.13 min Scan# 599  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 182517 |       |       |
| 198     | 95.0  | 75.3   | 112.9 |       |
| 200     | 30.4  | 23.7   | 35.5  |       |

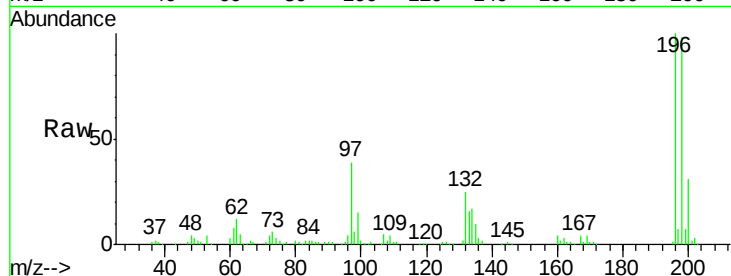
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





#43  
 2,4,5-Trichlorophenol  
 Concen: 33.35 ng  
 RT: 9.18 min Scan# 603  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

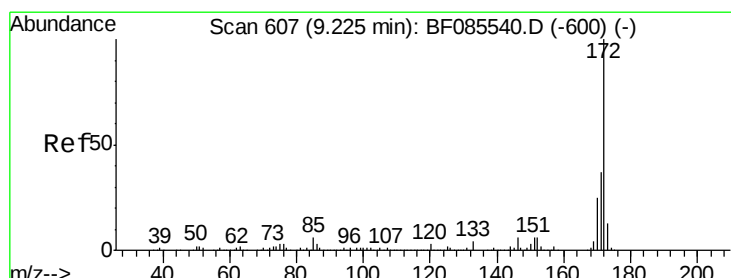
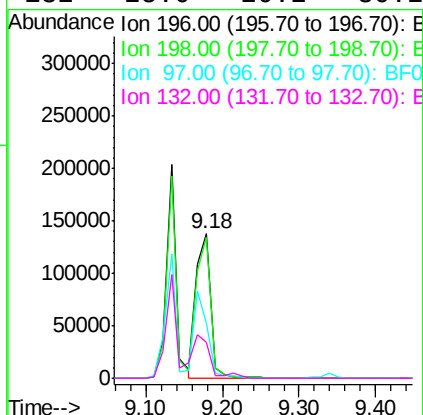
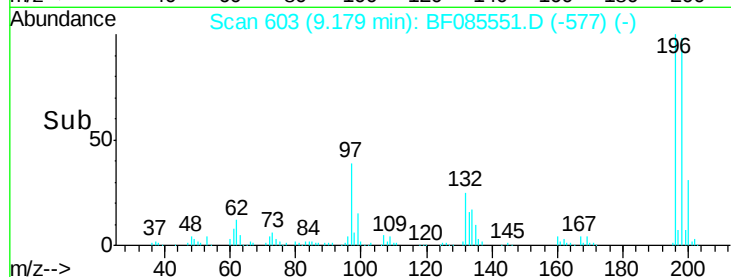
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 183824 |       |       |
| 198     | 97.7  | 76.6   | 114.8 |       |
| 97      | 38.6  | 30.5   | 45.7  |       |
| 132     | 25.0  | 20.2   | 30.2  |       |

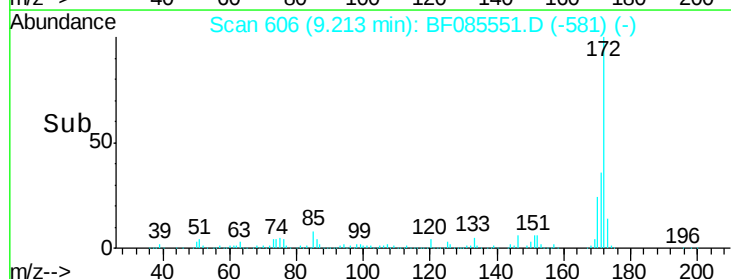
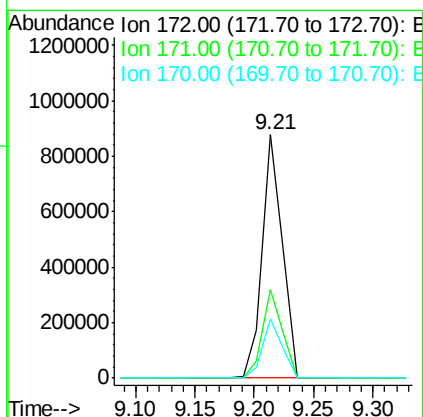
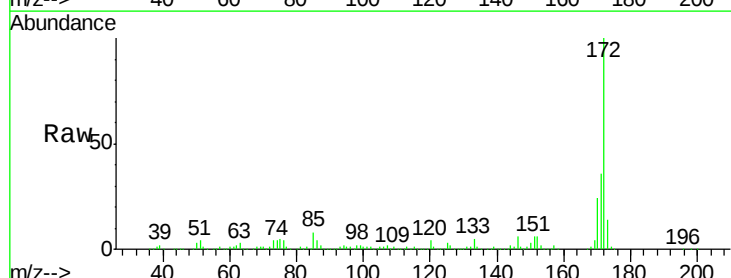
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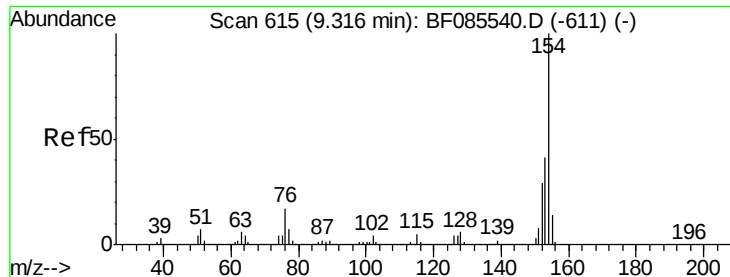
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#44  
 2-Fluorobiphenyl  
 Concen: 64.49 ng  
 RT: 9.21 min Scan# 606  
 Delta R.T. -0.01 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1047867 |       |       |
| 171     | 36.2  | 29.4    | 44.2  |       |
| 170     | 24.2  | 19.8    | 29.6  |       |





#45

1,1'-Biphenyl

Concen: 29.97 ng

RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

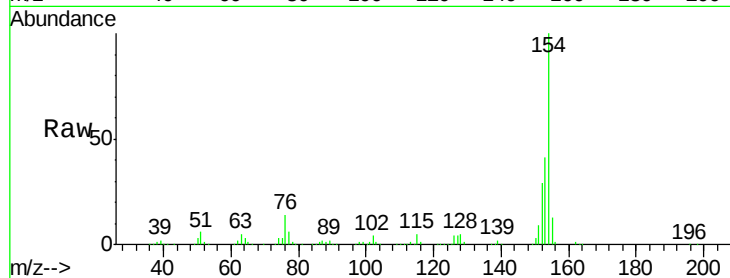
ClientSampleId :

PB88981BS

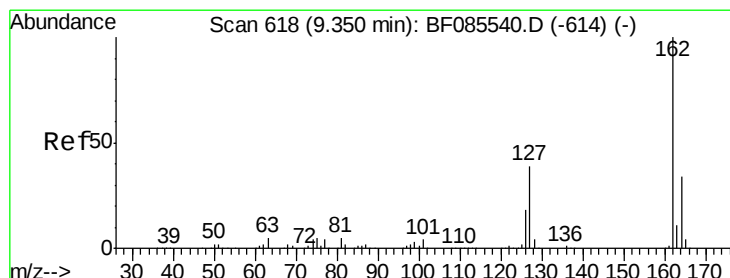
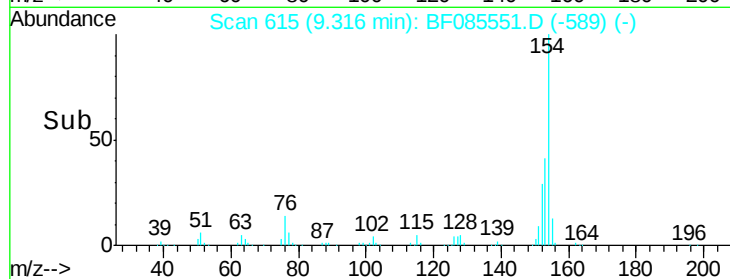
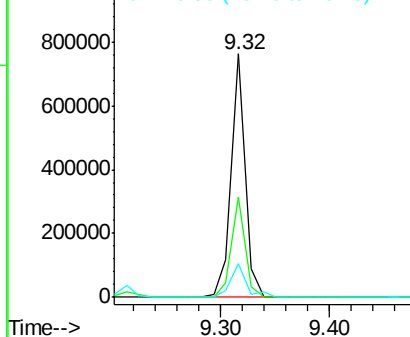
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 674337 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.0  | 20.8  | 60.8   |
| 76        | 13.9  | 0.0   | 36.7   |

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



#46

2-Chloronaphthalene

Concen: 30.59 ng

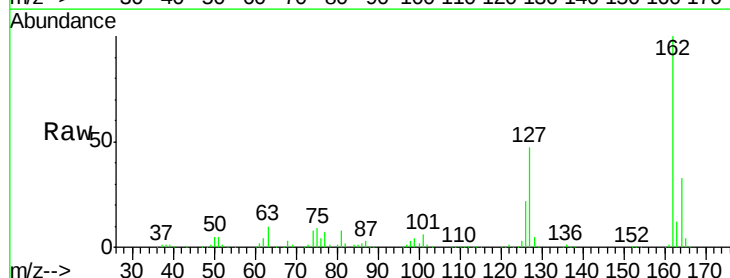
RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

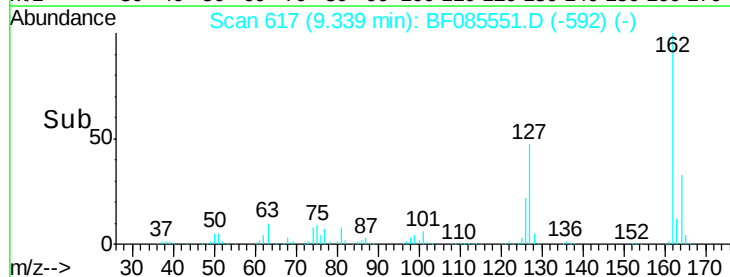
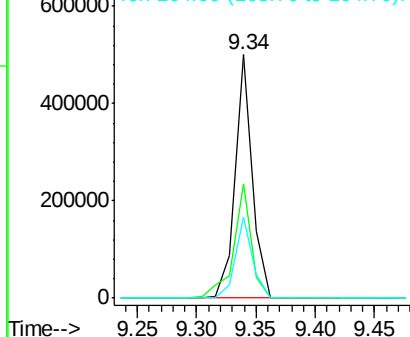
Lab File: BF085551.D

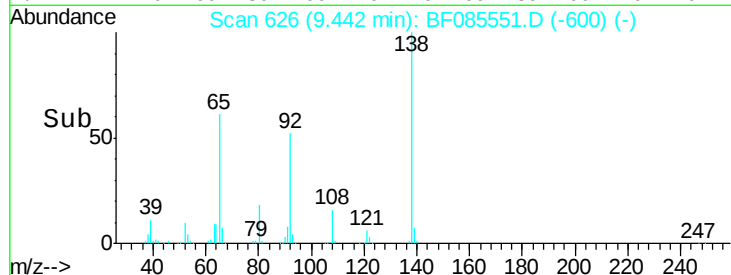
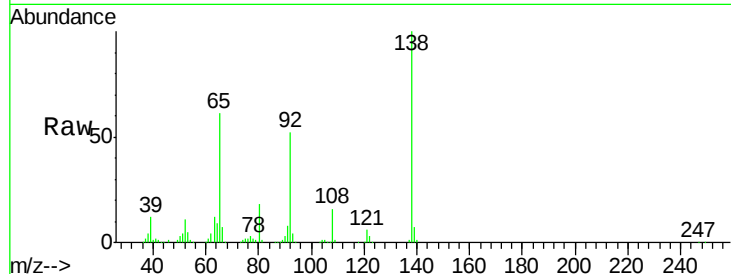
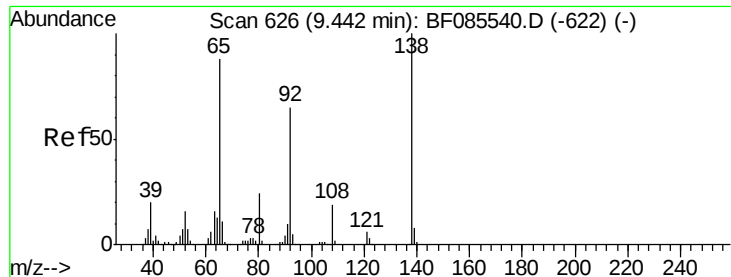
Acq: 19 Mar 2016 3:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 502829 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 47.0  | 31.7  | 47.5   |
| 164       | 33.0  | 27.3  | 40.9   |



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





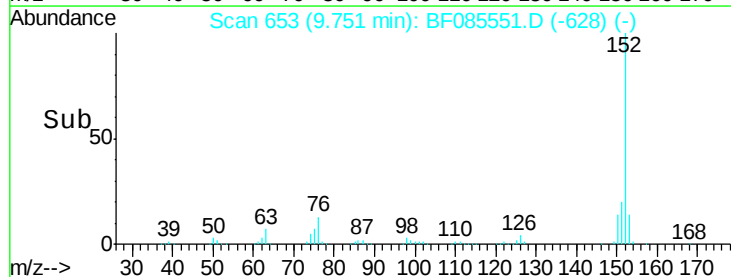
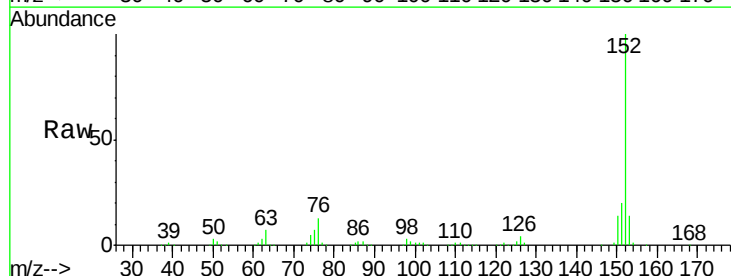
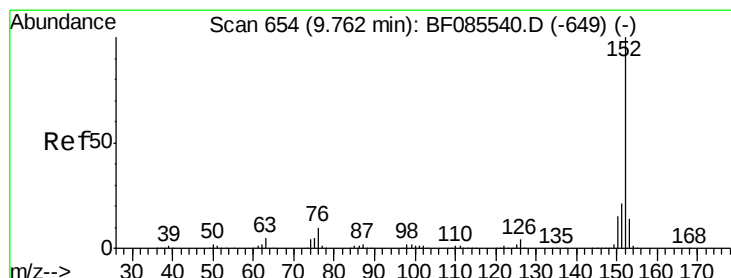
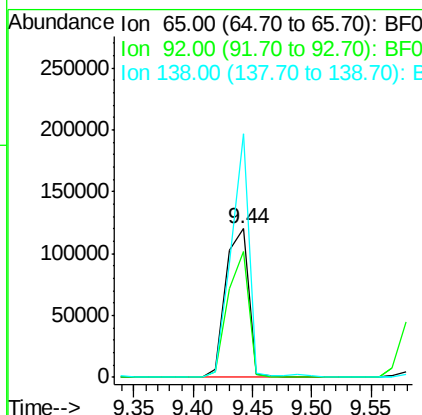
#47  
2-Nitroaniline  
Concen: 32.54 ng  
RT: 9.44 min Scan# 626  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

Tgt Ion: 65 Resp: 161826  
Ion Ratio Lower Upper  
65 100  
92 85.0 59.7 89.5  
138 163.7 91.4 137.0#

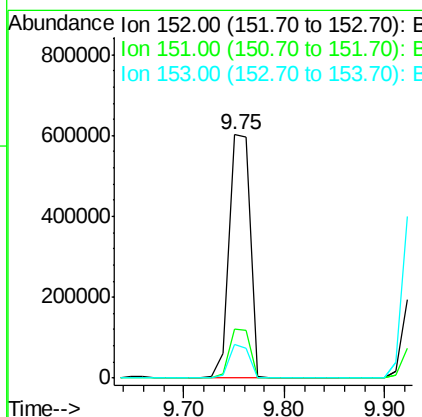
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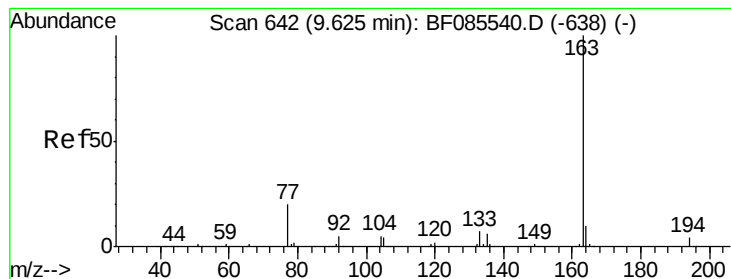
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#48  
Acenaphthylene  
Concen: 32.70 ng  
RT: 9.75 min Scan# 653  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Tgt Ion: 152 Resp: 869936  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.8 25.2  
153 13.8 10.9 16.3





#49

Dimethylphthalate

Concen: 32.85 ng

RT: 9.62 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

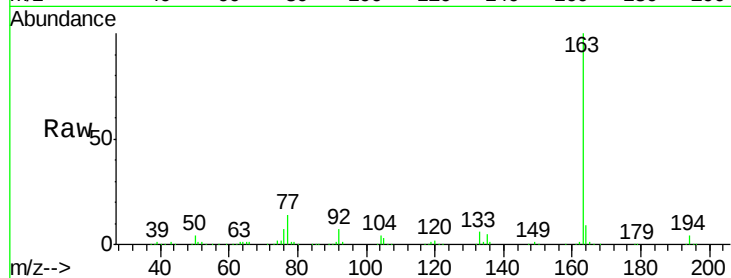
ClientSampleId :

PB88981BS

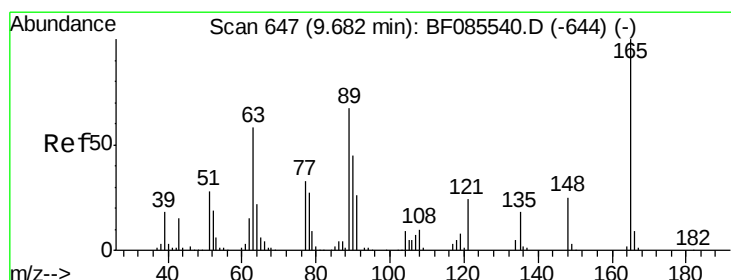
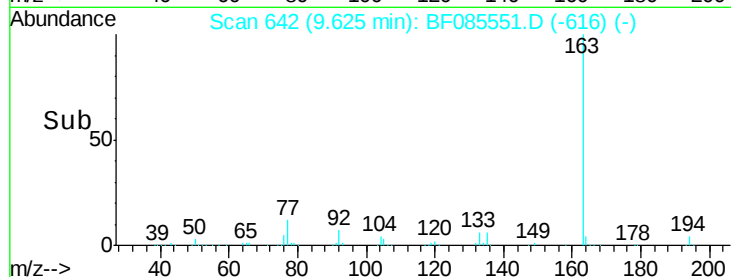
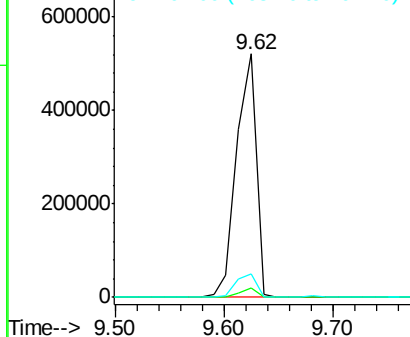
|           |     |       |        |
|-----------|-----|-------|--------|
| Tgt Ion:  | 163 | Resp: | 646566 |
| Ion Ratio |     | Lower | Upper  |
| 163       | 100 |       |        |
| 194       | 3.9 | 2.9   | 4.3    |
| 164       | 9.4 | 8.3   | 12.5   |

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



#50

2,6-Dinitrotoluene

Concen: 35.86 ng

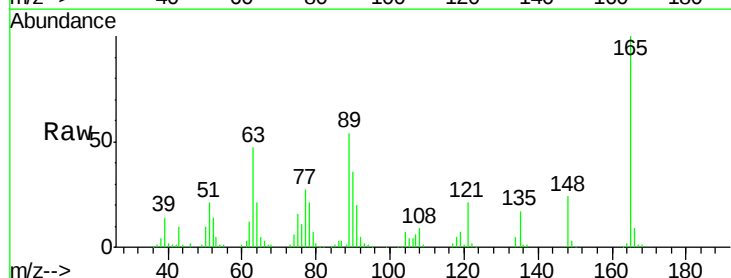
RT: 9.68 min Scan# 647

Delta R.T. 0.00 min

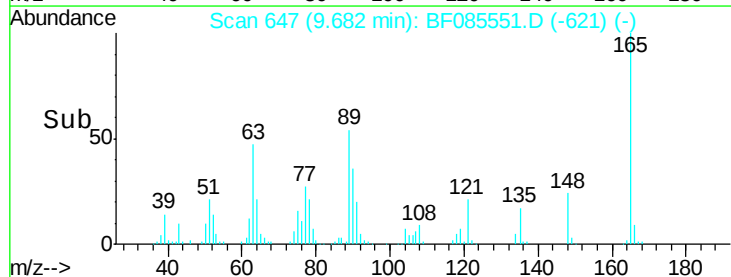
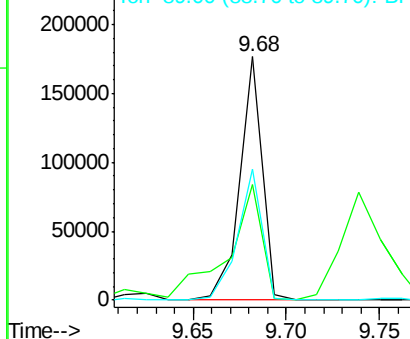
Lab File: BF085551.D

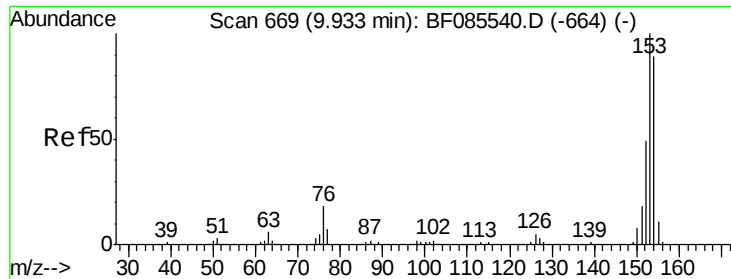
Acq: 19 Mar 2016 3:49

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 165  | Resp: | 149040 |
| Ion Ratio |      | Lower | Upper  |
| 165       | 100  |       |        |
| 63        | 47.3 | 51.8  | 77.8#  |
| 89        | 53.9 | 53.7  | 80.5   |



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





#51

Acenaphthene

Concen: 36.05 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085551.D

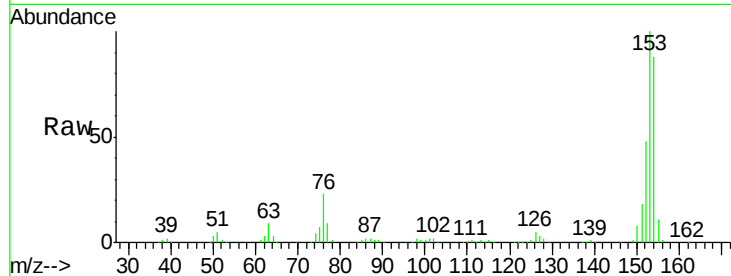
Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

ClientSampleId :

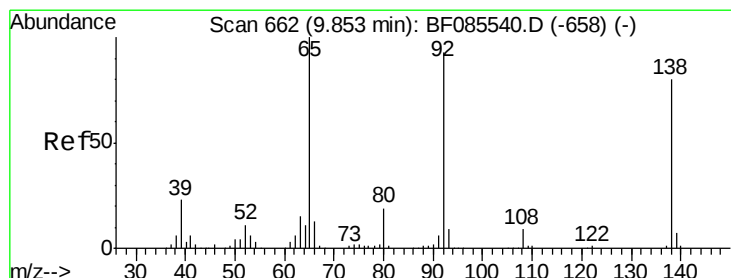
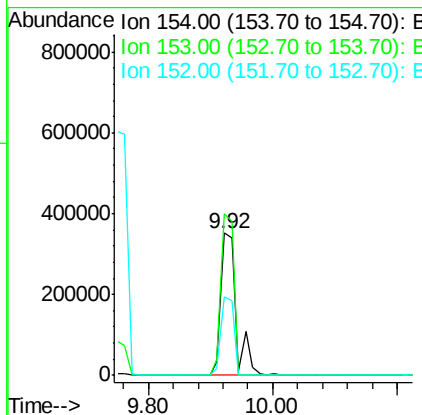
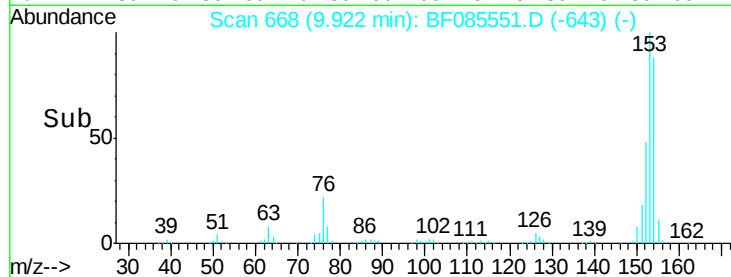
PB88981BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 601740 |       |       |
| 153     | 113.8 | 90.1   | 135.1 |       |
| 152     | 55.0  | 44.2   | 66.2  |       |

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#52

3-Nitroaniline

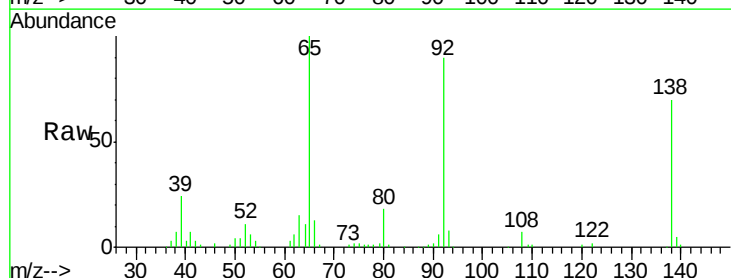
Concen: 11.68 ng

RT: 9.84 min Scan# 661

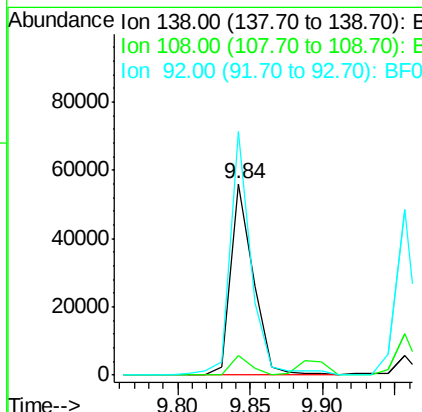
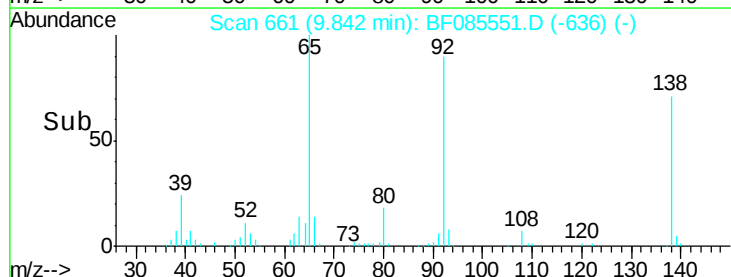
Delta R.T. -0.01 min

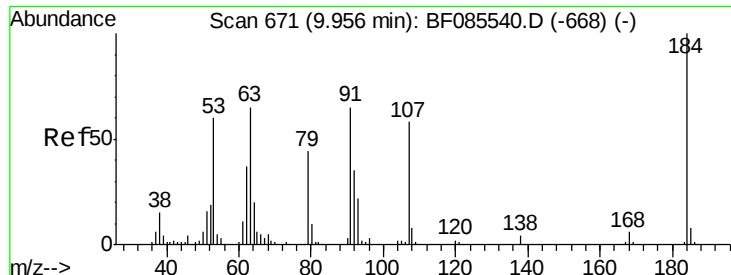
Lab File: BF085551.D

Acq: 19 Mar 2016 3:49



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 60819 |       |       |
| 108     | 10.5  | 8.7   | 13.1  |       |
| 92      | 127.1 | 93.3  | 139.9 |       |





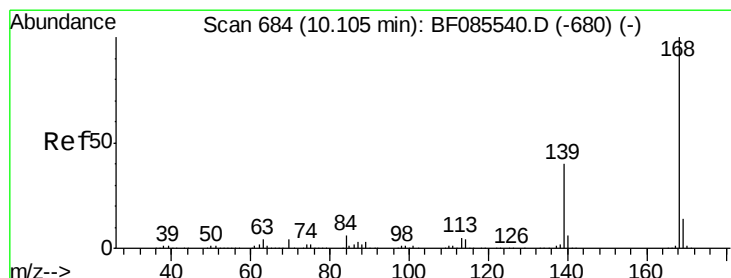
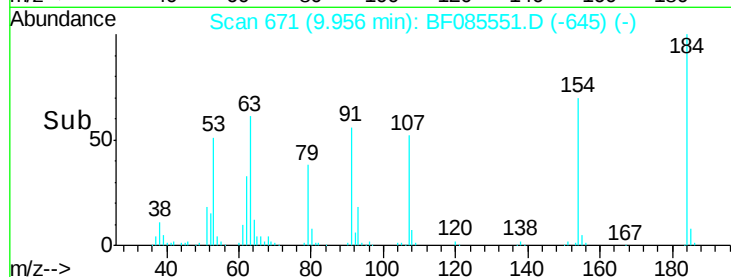
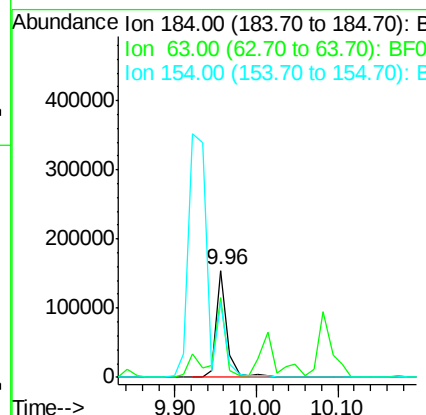
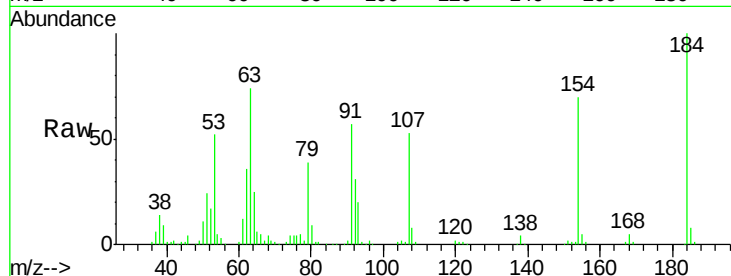
#53  
2,4-Dinitrophenol  
Concen: 57.67 ng  
RT: 9.96 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 146824 |       |       |
| 63      | 74.5  | 69.5   | 104.3 |       |
| 154     | 69.8  | 58.3   | 87.5  |       |

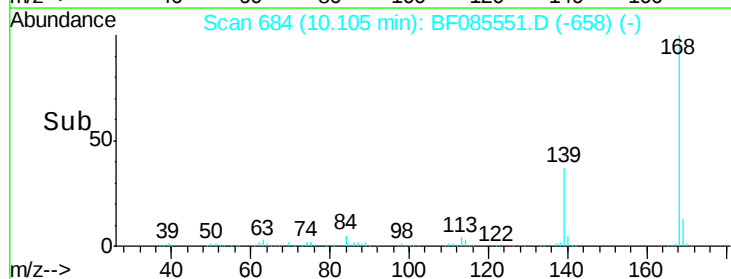
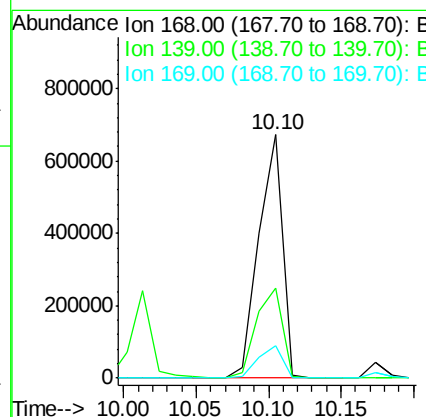
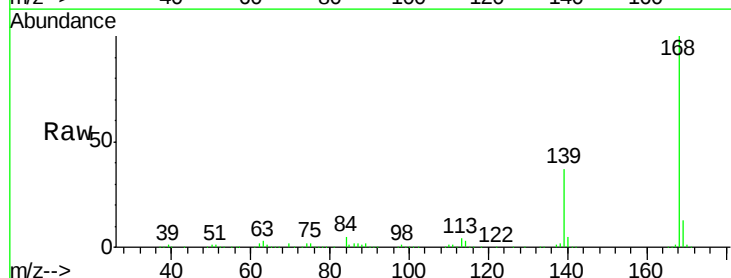
Manual Integrations  
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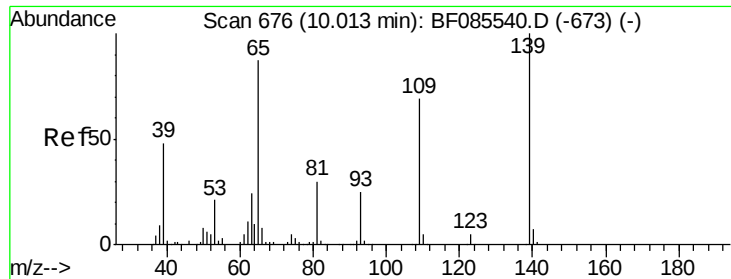
apatel  
3/21/2016 5:07:58 PM



#54  
Dibenzofuran  
Concen: 37.65 ng  
RT: 10.10 min Scan# 684  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 765418 |       |       |
| 139     | 36.9  | 31.9   | 47.9  |       |
| 169     | 13.2  | 11.0   | 16.6  |       |





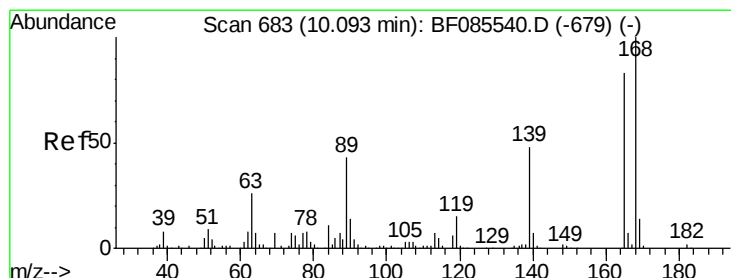
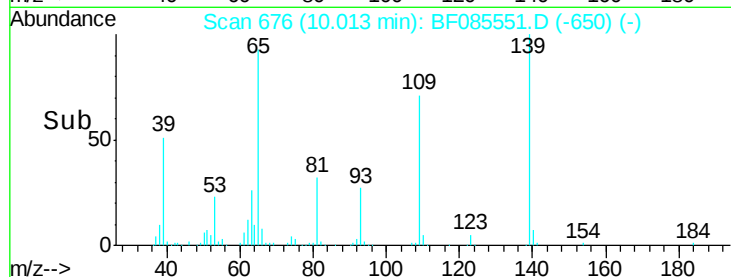
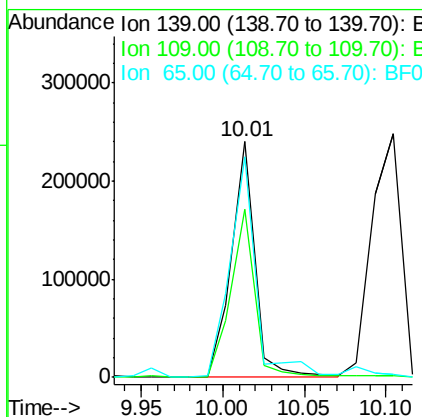
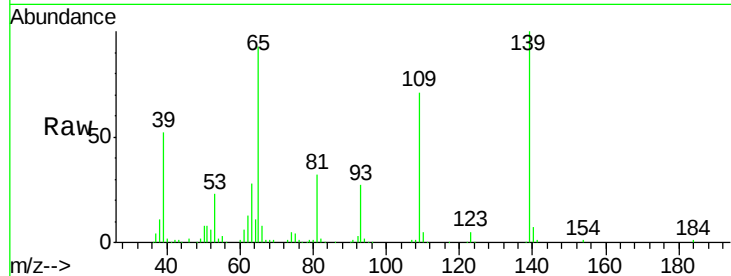
#55  
4-Nitrophenol  
Concen: 59.77 ng  
RT: 10.01 min Scan# 676  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 240429 |       |       |
| 109     | 71.3  | 49.2   | 89.2  |       |
| 65      | 93.4  | 66.9   | 106.9 |       |

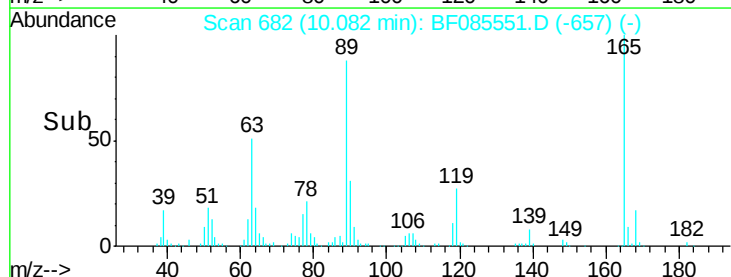
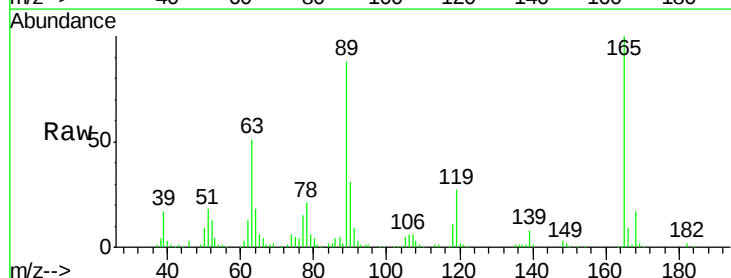
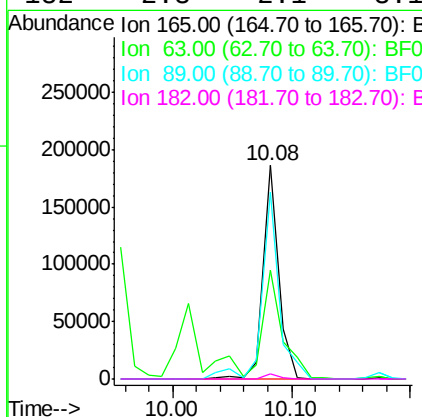
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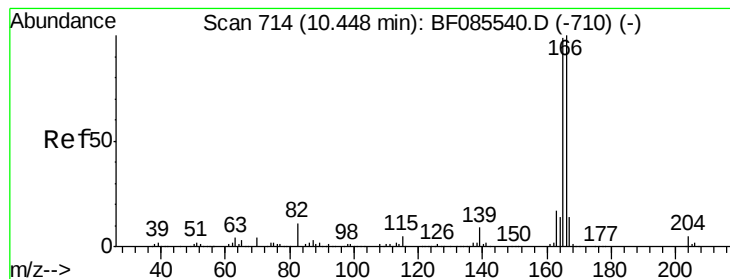
apatel  
3/21/2016 5:07:58 PM



#56  
2,4-Dinitrotoluene  
Concen: 31.61 ng  
RT: 10.08 min Scan# 682  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 171998 |       |       |
| 63      | 51.2  | 24.9   | 37.3# |       |
| 89      | 87.7  | 41.0   | 61.6# |       |
| 182     | 2.3   | 2.1    | 3.1   |       |





#57

Fluorene

Concen: 33.89 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

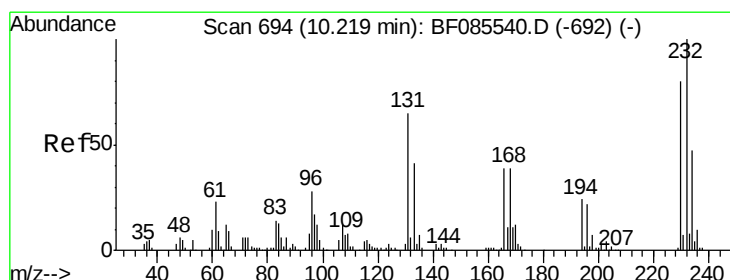
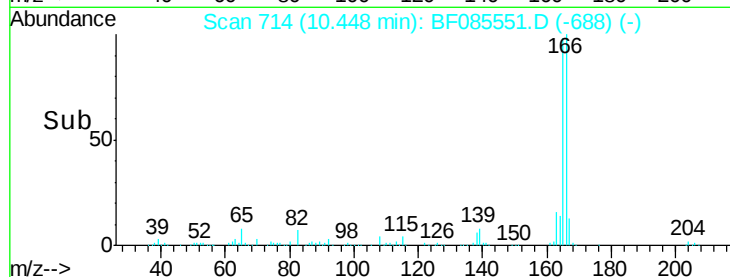
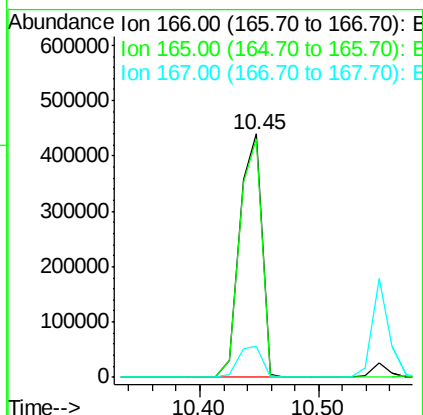
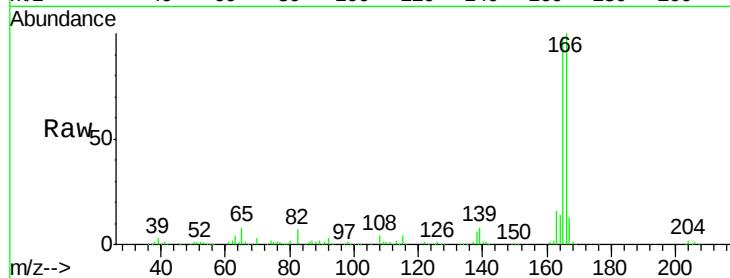
ClientSampleId :

PB88981BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 574145 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.1  | 79.4  | 119.0  |
| 167       | 12.7  | 11.0  | 16.4   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.70 ng

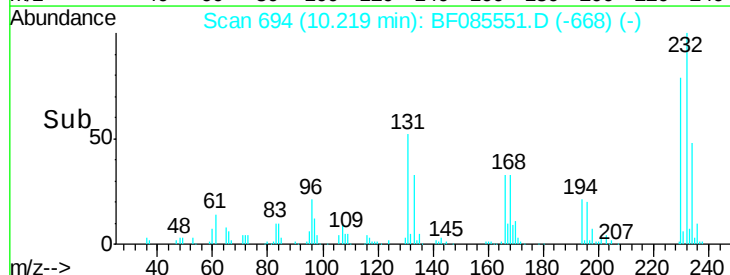
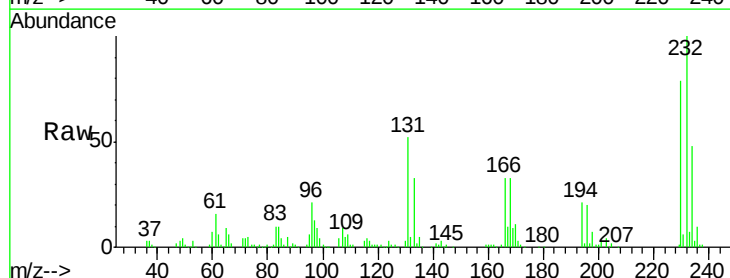
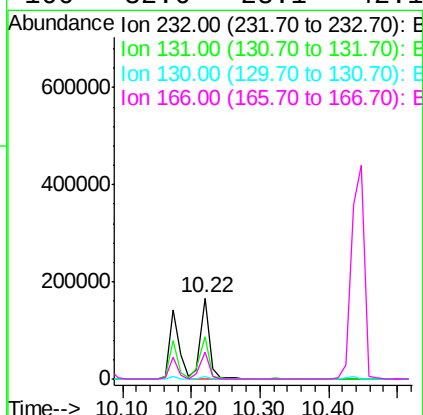
RT: 10.22 min Scan# 694

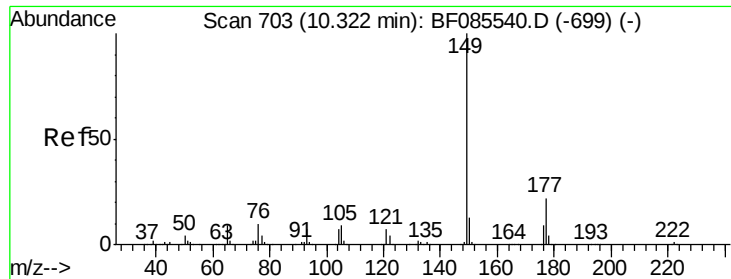
Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 149620 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 54.6  | 44.9  | 67.3   |
| 130       | 2.6   | 2.3   | 3.5    |
| 166       | 32.6  | 28.1  | 42.1   |





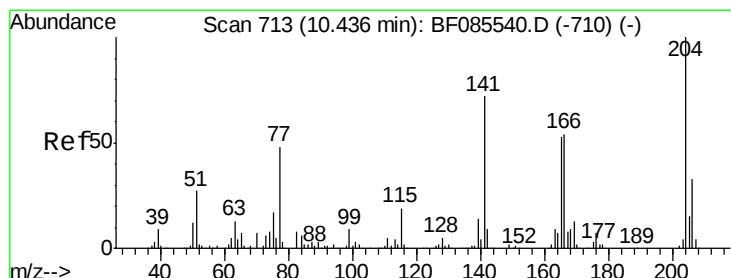
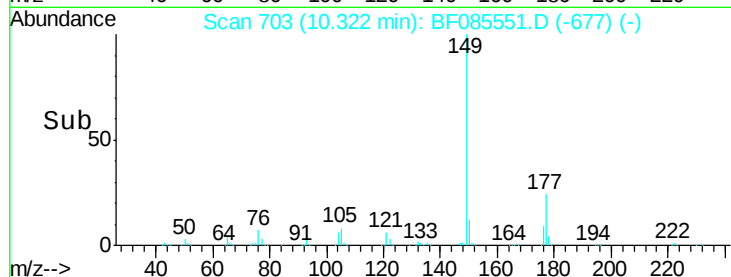
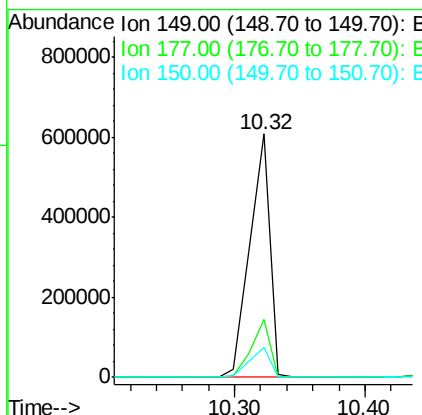
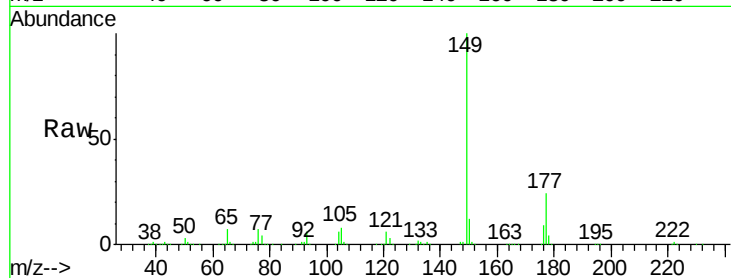
#59  
Diethylphthalate  
Concen: 33.38 ng  
RT: 10.32 min Scan# 703  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 653226 |       |       |
| 177     | 23.8  | 17.9   | 26.9  |       |
| 150     | 12.5  | 10.2   | 15.2  |       |

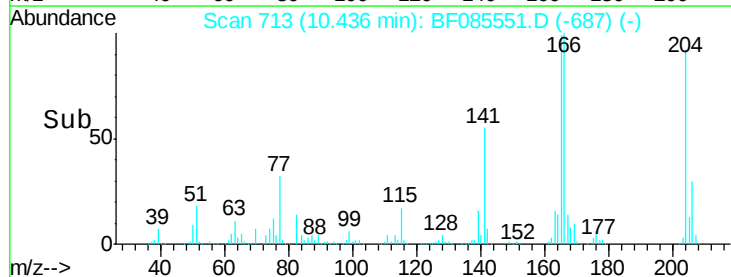
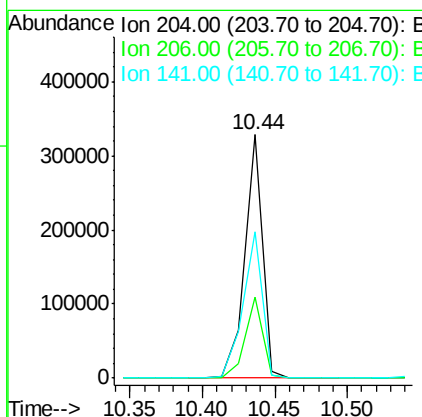
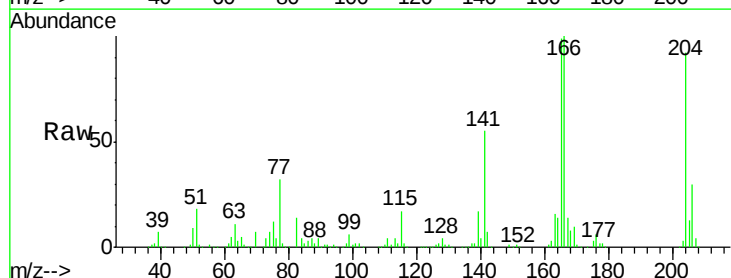
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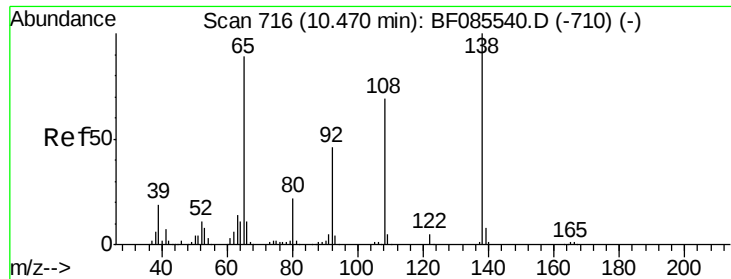
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#60  
4-Chlorophenyl-phenylether  
Concen: 33.64 ng  
RT: 10.44 min Scan# 713  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 278335 |       |       |
| 206     | 33.1  | 26.6   | 39.8  |       |
| 141     | 59.9  | 57.4   | 86.0  |       |





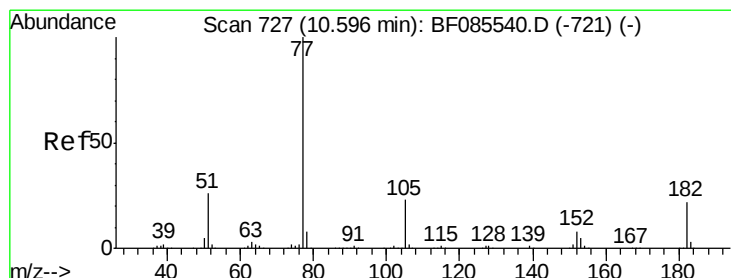
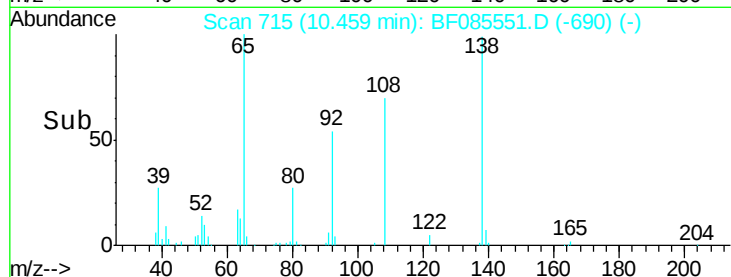
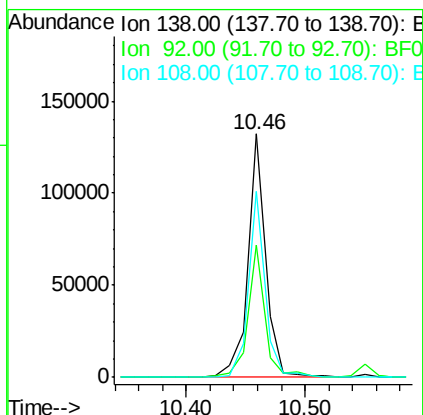
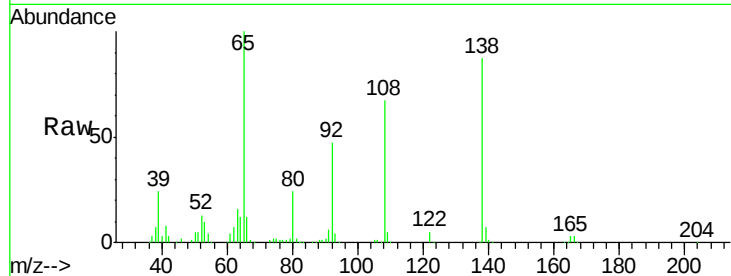
#61  
4-Nitroaniline  
Concen: 27.20 ng  
RT: 10.46 min Scan# 715  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 139563 |       |       |
| 92      | 54.3  | 26.4   | 66.4  |       |
| 108     | 76.3  | 49.0   | 89.0  |       |

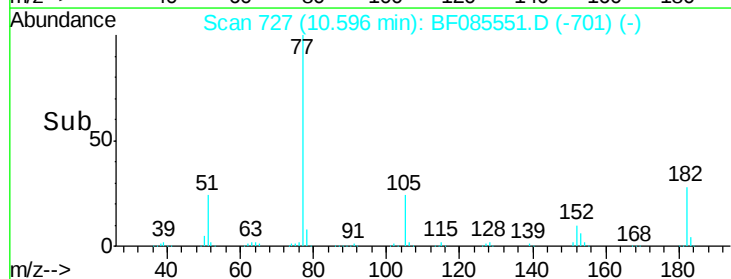
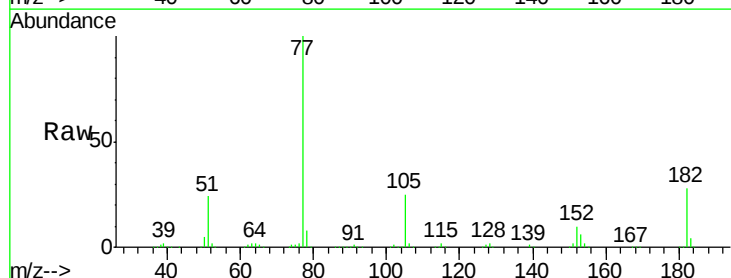
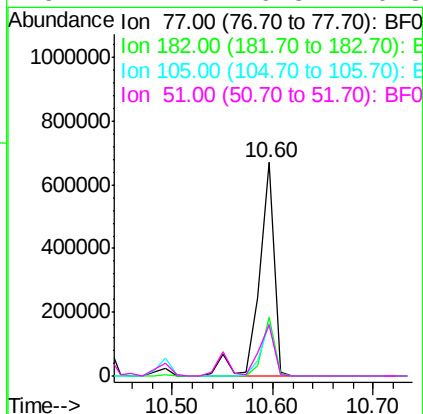
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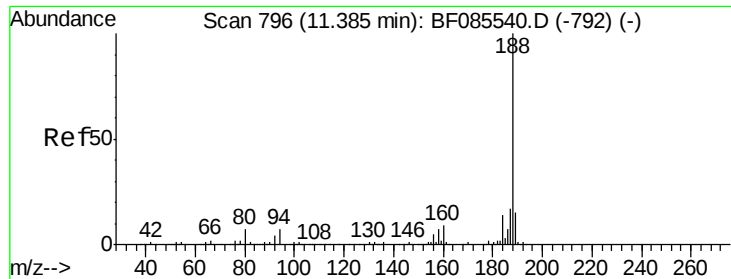
apatel  
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#62  
Azobenzene  
Concen: 37.49 ng  
RT: 10.60 min Scan# 727  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 704001 |       |       |
| 182     | 27.6  | 1.9    | 41.9  |       |
| 105     | 24.8  | 3.5    | 43.5  |       |
| 51      | 24.2  | 6.3    | 46.3  |       |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

ClientSampleId :

PB88981BS

Tgt Ion:188 Resp: 484202

Ion Ratio Lower Upper

188 100

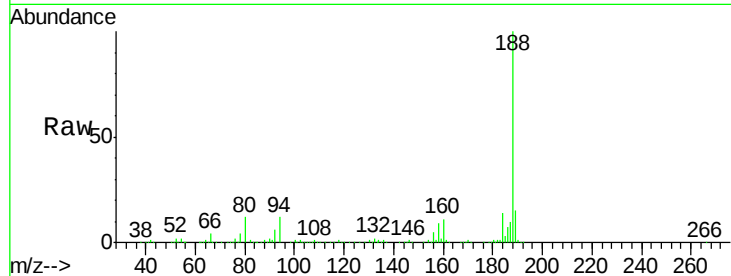
94 11.6 5.4 8.0#

80 12.3 5.5 8.3#

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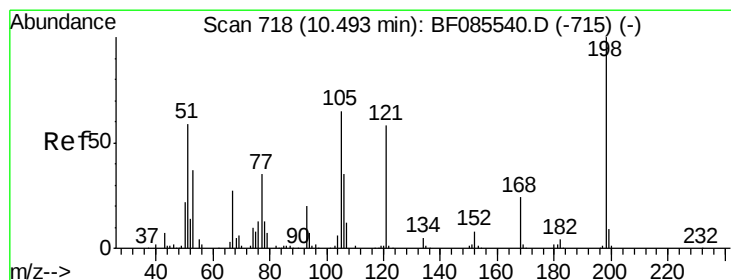
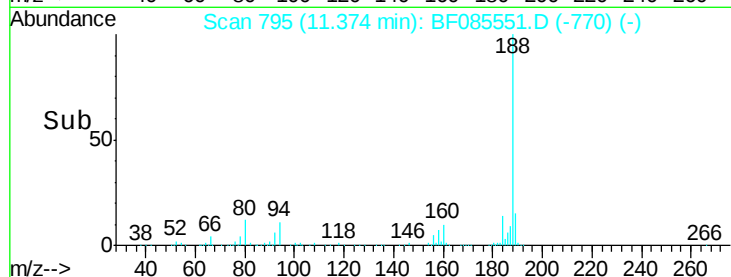
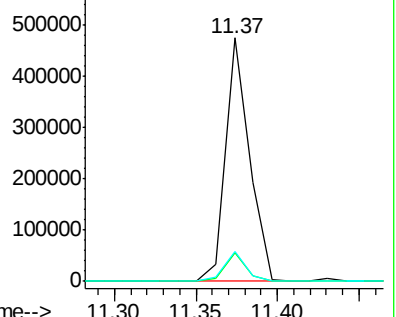
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.38 ng

RT: 10.49 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

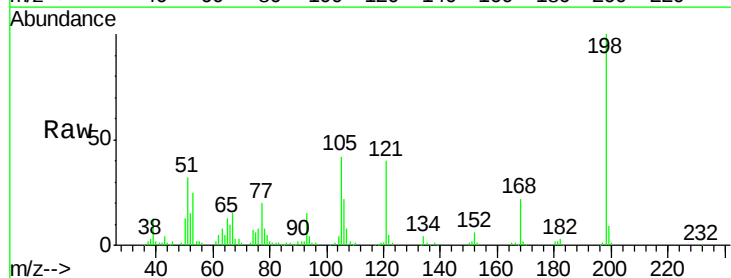
Tgt Ion:198 Resp: 109624

Ion Ratio Lower Upper

198 100

51 32.0 45.4 85.4#

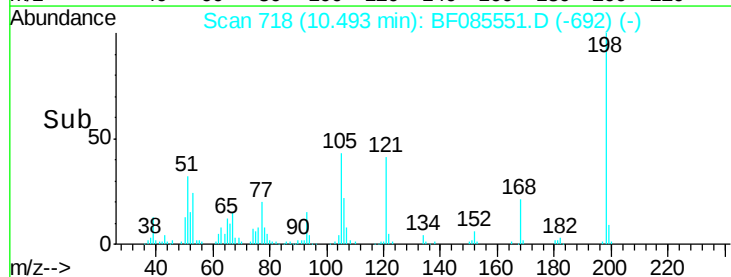
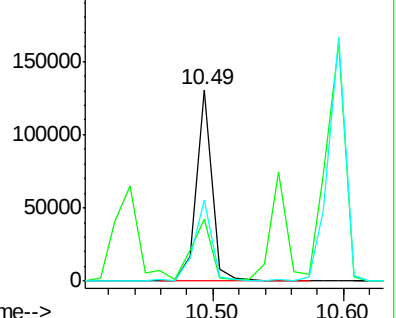
105 42.5 45.9 85.9#

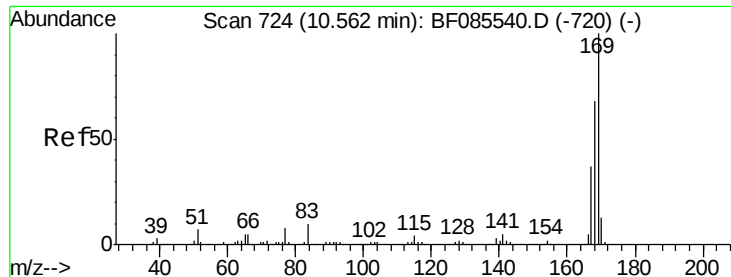


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 30.93 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

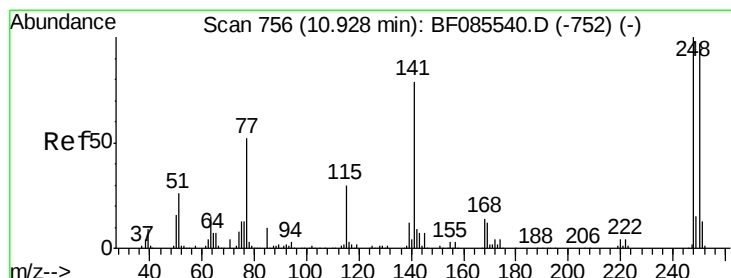
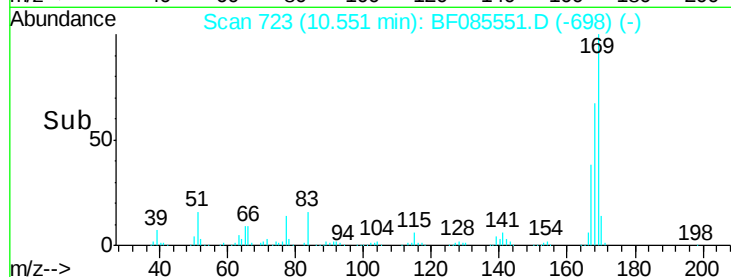
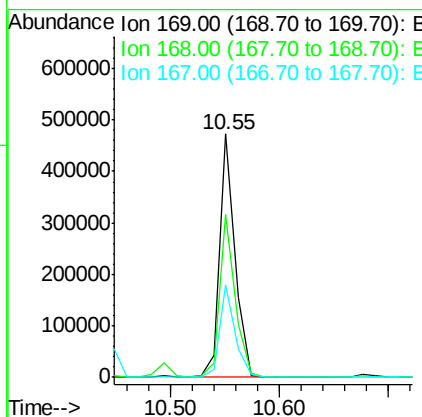
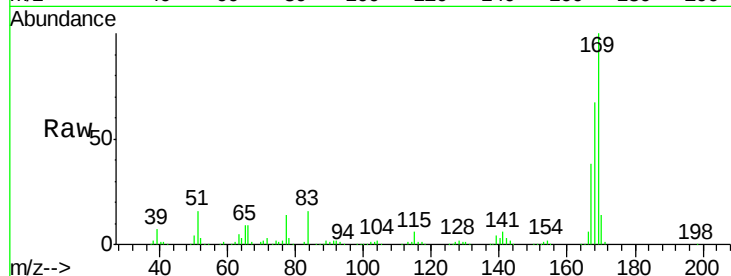
ClientSampleId :

PB88981BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 466434 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.2  | 54.4  | 81.6   |
| 167       | 37.9  | 29.4  | 44.0   |

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#66

4-Bromophenyl-phenylether

Concen: 34.23 ng

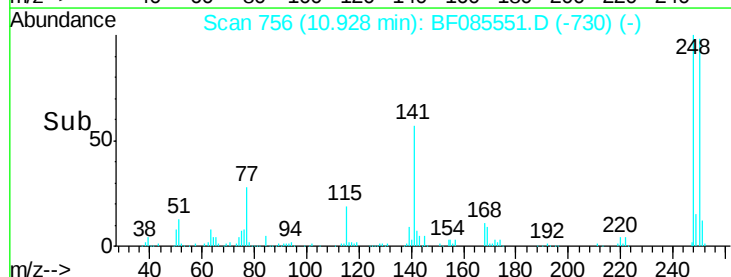
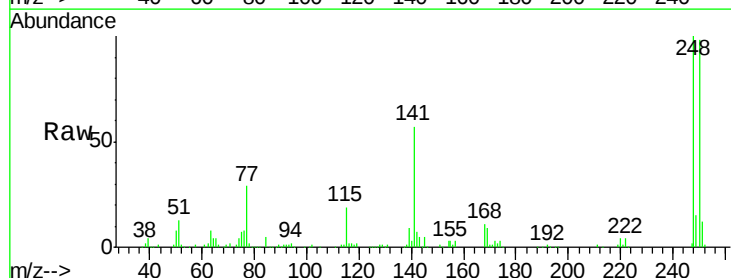
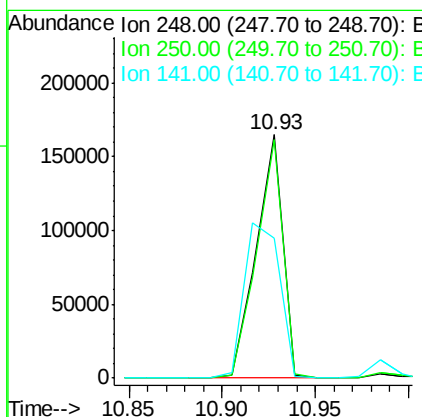
RT: 10.93 min Scan# 756

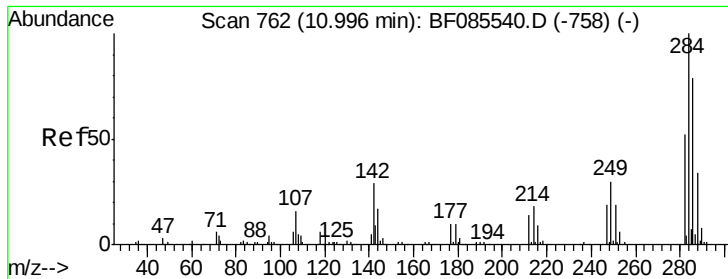
Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 165572 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.0  | 77.4  | 116.0  |
| 141       | 57.3  | 63.6  | 95.4#  |





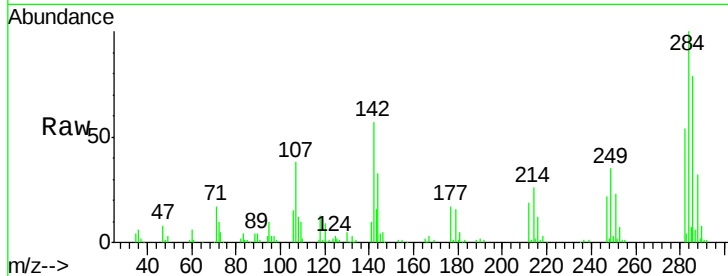
#67  
Hexachlorobenzene  
Concen: 33.41 ng  
RT: 10.98 min Scan# 761  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

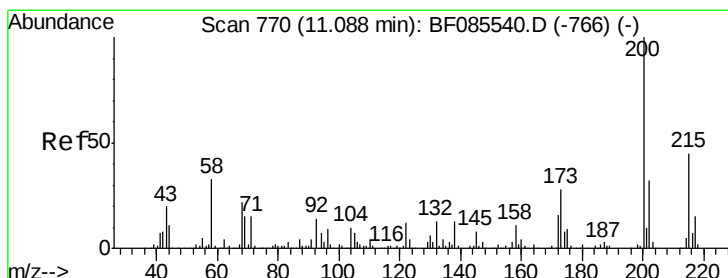
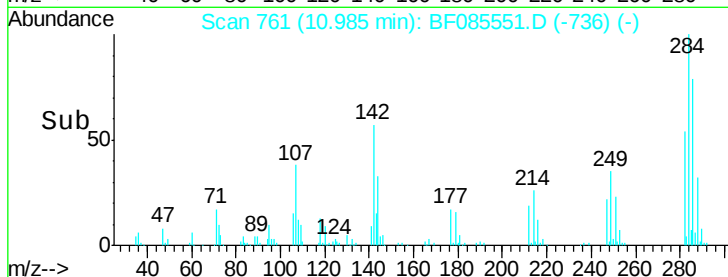
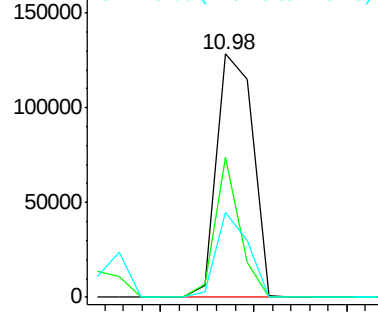
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 171697 |       |       |
| 142     | 57.5  | 23.1   | 34.7# |       |
| 249     | 35.1  | 24.2   | 36.2  |       |

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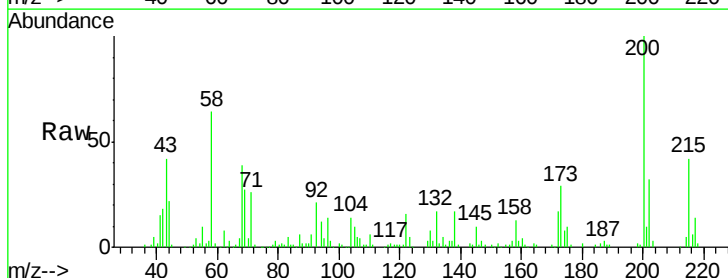


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

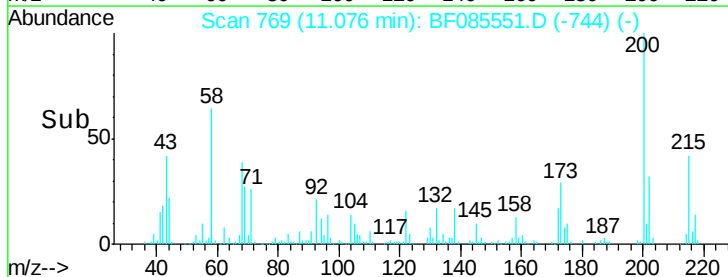
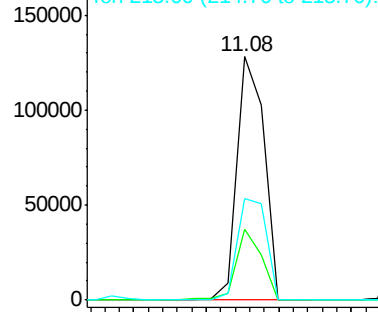


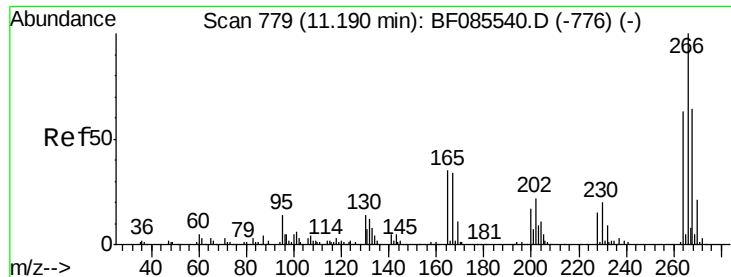
#68  
Atrazine  
Concen: 36.08 ng  
RT: 11.08 min Scan# 769  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 165678 |       |       |
| 173     | 29.2  | 7.7    | 47.7  |       |
| 215     | 41.6  | 25.4   | 65.4  |       |



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





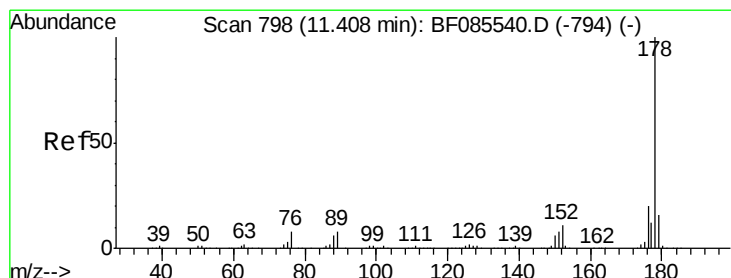
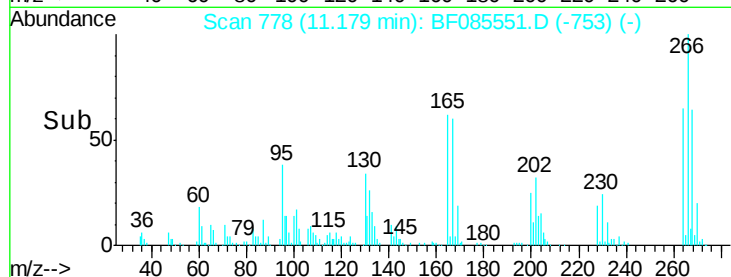
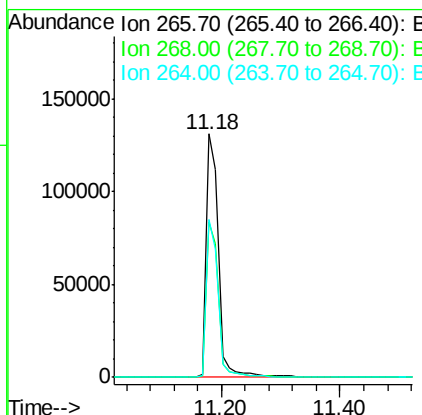
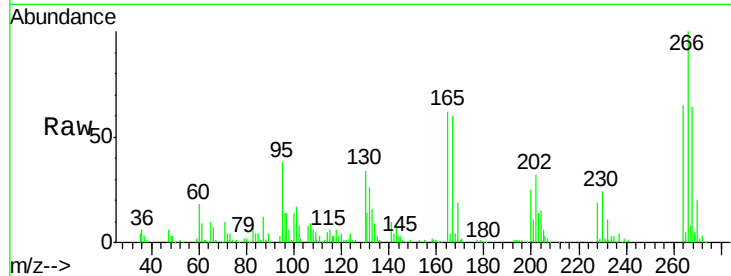
#69  
 Pentachlorophenol  
 Concen: 60.80 ng  
 RT: 11.18 min Scan# 778  
 Delta R.T. -0.01 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 189686 |       |       |
| 268     | 63.8  | 51.5   | 77.3  |       |
| 264     | 64.7  | 50.6   | 76.0  |       |

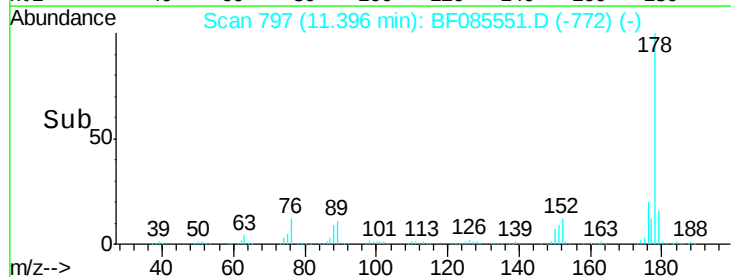
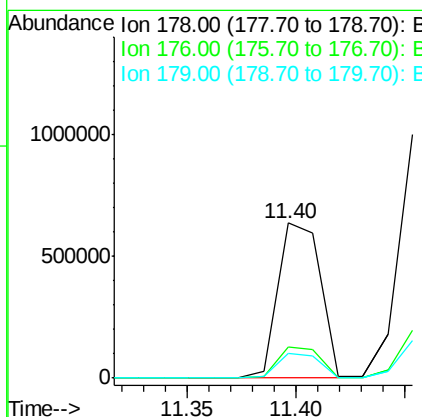
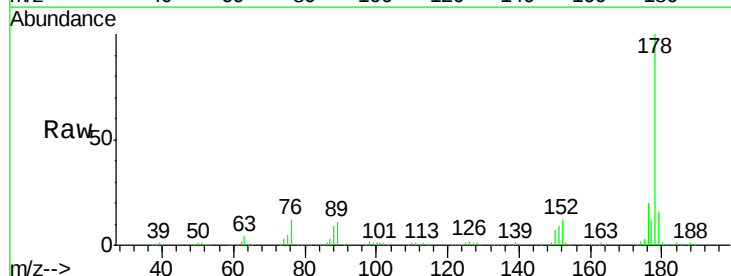
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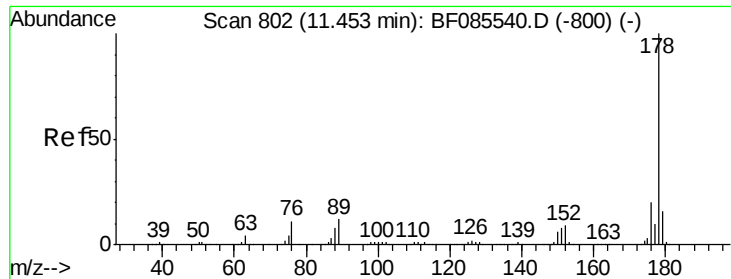
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#70  
 Phenanthrene  
 Concen: 33.97 ng  
 RT: 11.40 min Scan# 797  
 Delta R.T. -0.01 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 867298 |       |       |
| 176     | 19.9  | 16.3   | 24.5  |       |
| 179     | 15.9  | 12.6   | 18.8  |       |





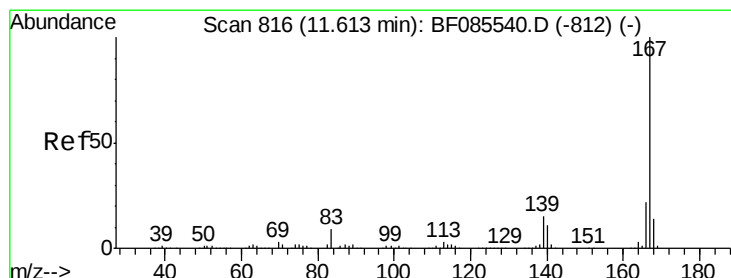
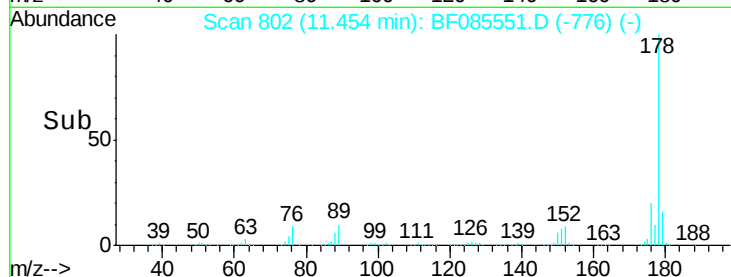
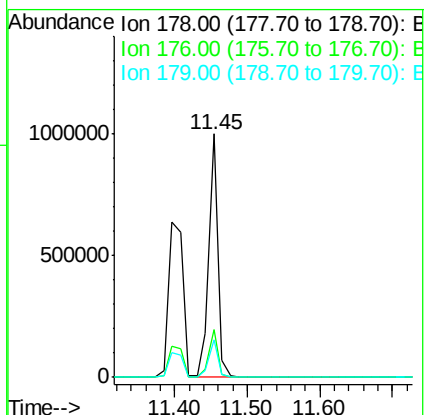
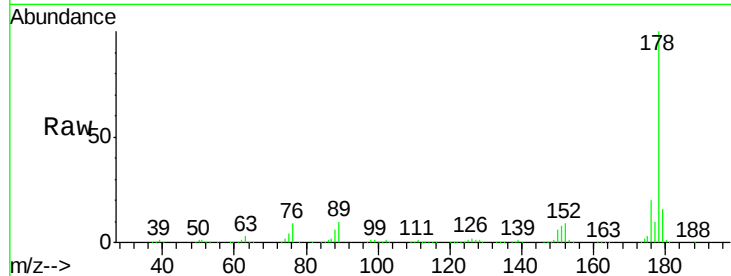
#71  
 Anthracene  
 Concen: 32.70 ng  
 RT: 11.45 min Scan# 802  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.9  | 23.9  |
| 179     | 15.6  | 13.0  | 19.4  |

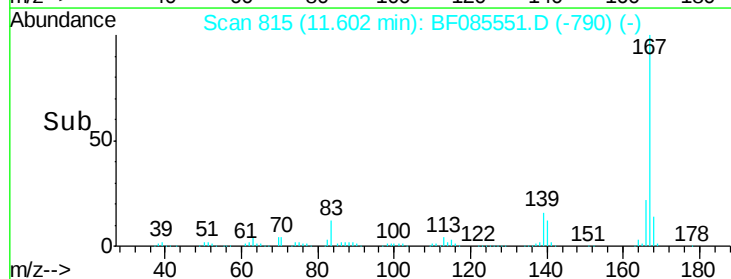
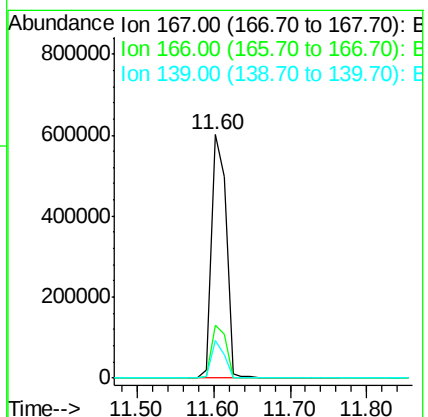
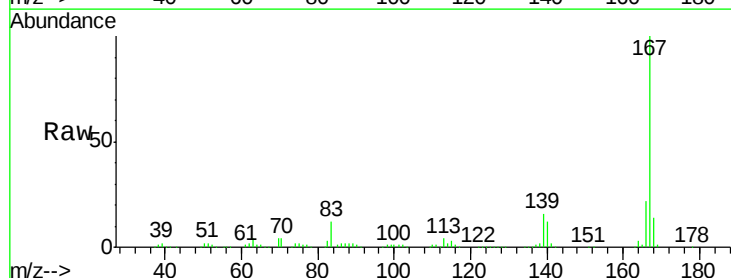
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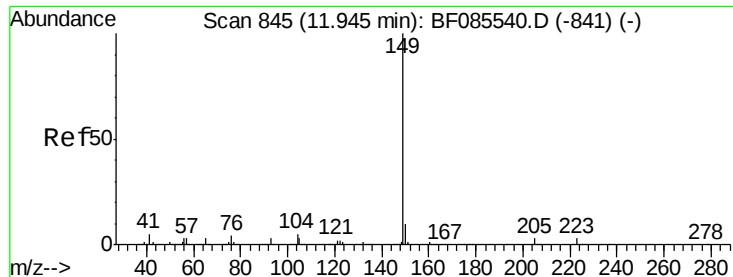
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#72  
 Carbazole  
 Concen: 33.99 ng  
 RT: 11.60 min Scan# 815  
 Delta R.T. -0.01 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 17.8  | 26.8  |
| 139     | 15.5  | 11.6  | 17.4  |





#73

Di-n-butylphthalate

Concen: 33.84 ng

RT: 11.95 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

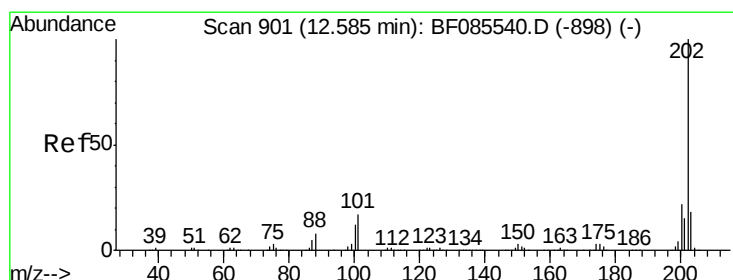
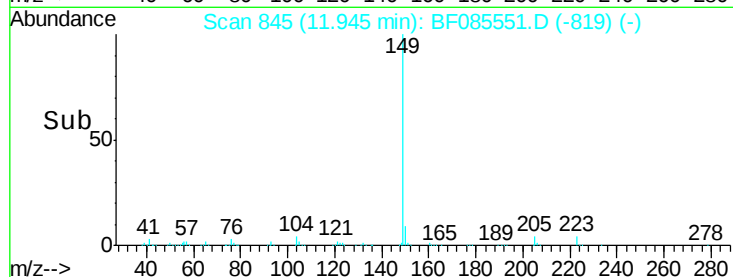
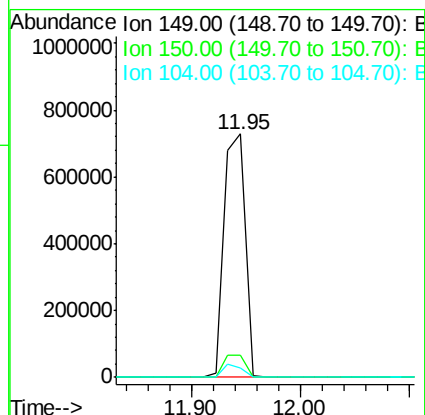
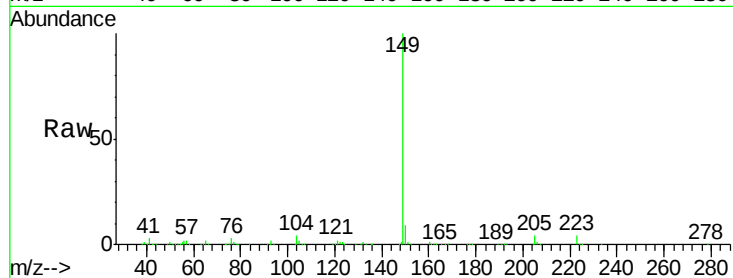
ClientSampleId :

PB88981BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 978592 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.9   | 7.6   | 11.4   |
| 104       | 3.7   | 3.8   | 5.8#   |

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#74

Fluoranthene

Concen: 31.75 ng

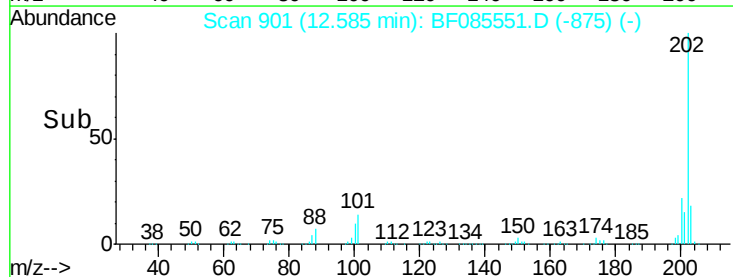
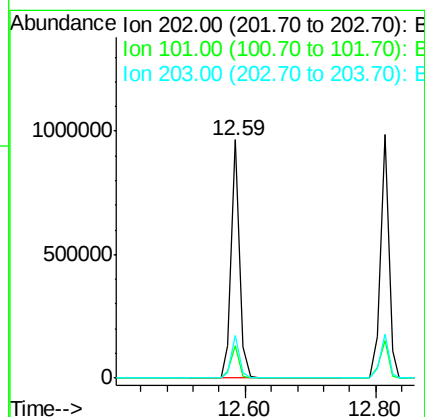
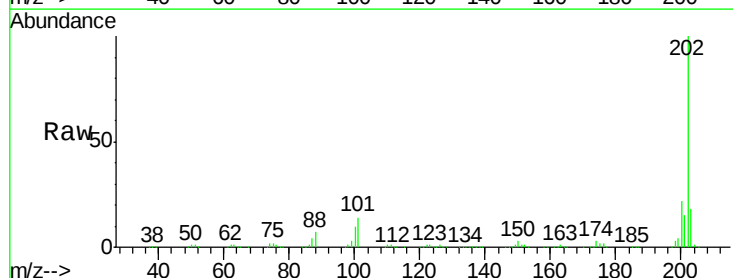
RT: 12.59 min Scan# 901

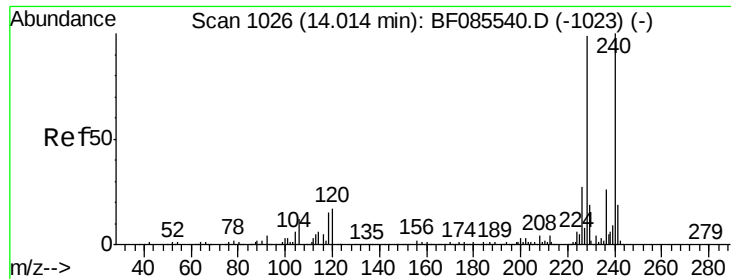
Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 848819 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.8  | 0.0   | 36.6   |
| 203       | 17.9  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

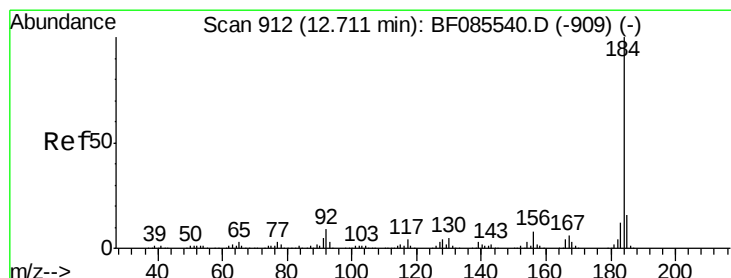
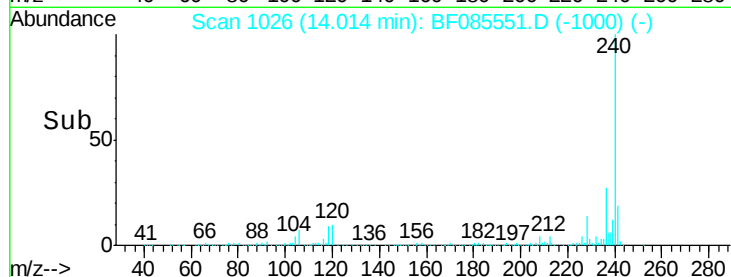
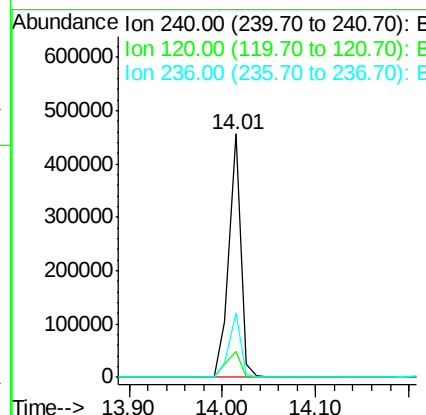
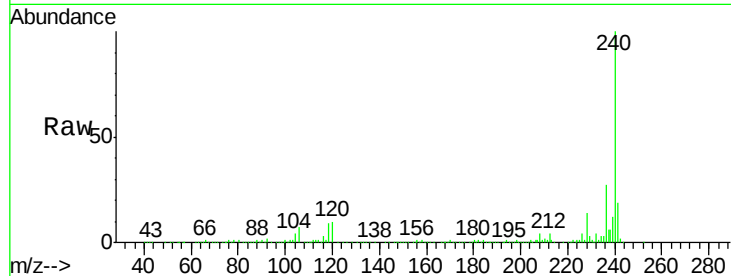
ClientSampleId :

PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 406362 |       |       |
| 120     | 10.5  | 13.8   | 20.8# |       |
| 236     | 26.6  | 20.6   | 30.8  |       |

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#76

Benzidine

Concen: 15.86 ng

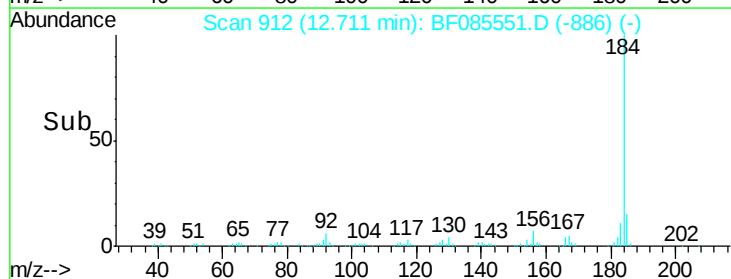
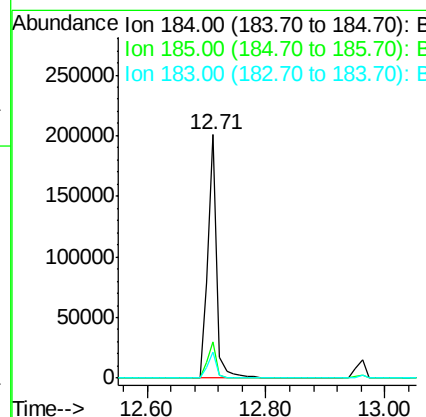
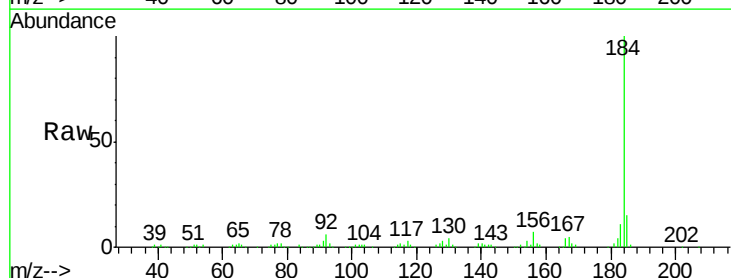
RT: 12.71 min Scan# 912

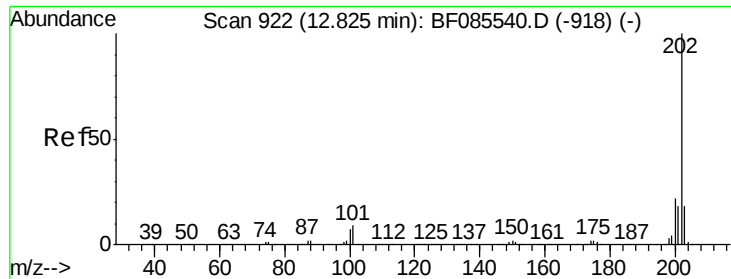
Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 216764 |       |       |
| 185     | 14.7  | 12.4   | 18.6  |       |
| 183     | 10.9  | 9.4    | 14.2  |       |





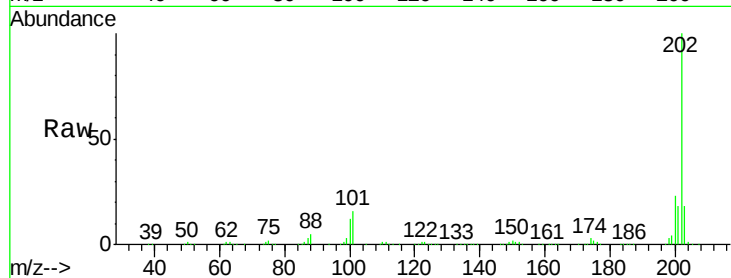
#77  
 Pyrene  
 Concen: 30.05 ng  
 RT: 12.81 min Scan# 921  
 Delta R.T. -0.01 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

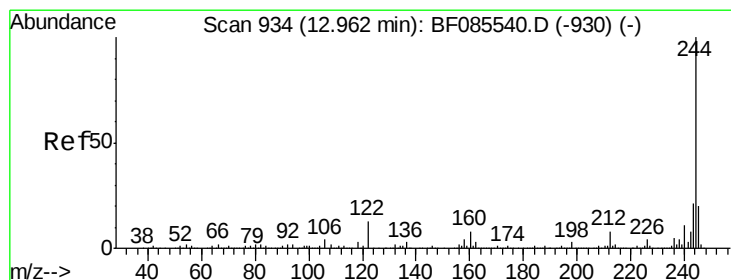
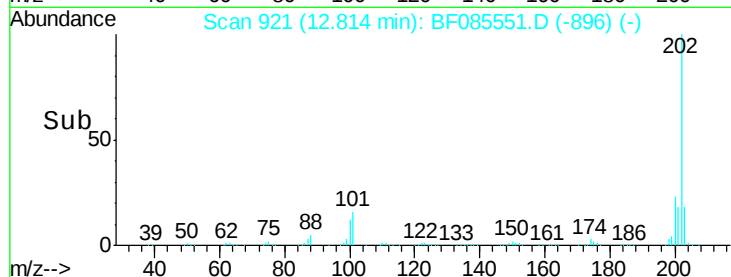
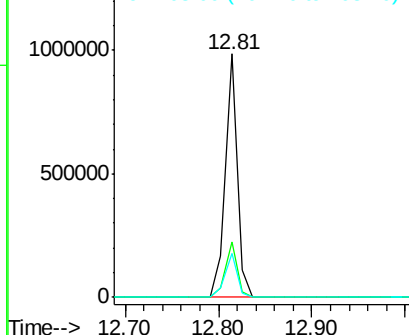
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 876875 |       |       |
| 200     | 22.5  | 17.6   | 26.4  |       |
| 203     | 18.1  | 14.0   | 21.0  |       |

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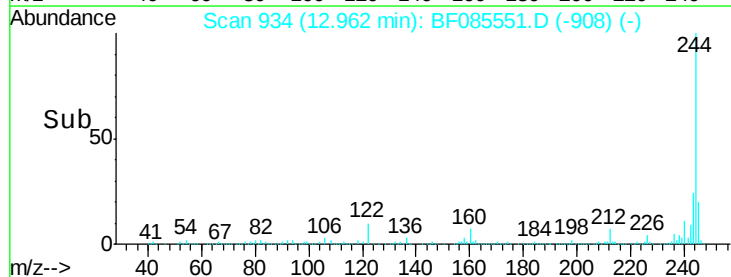
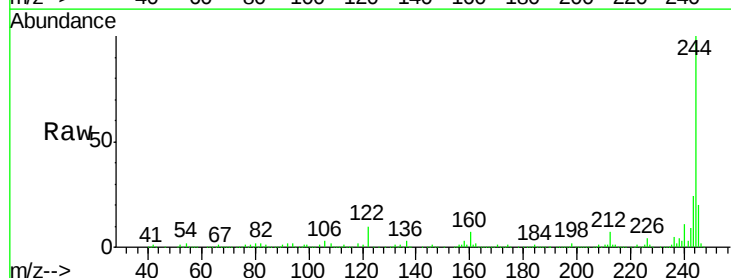
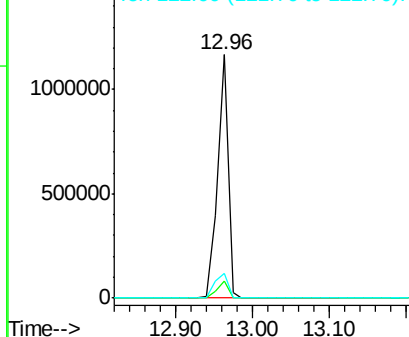
Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

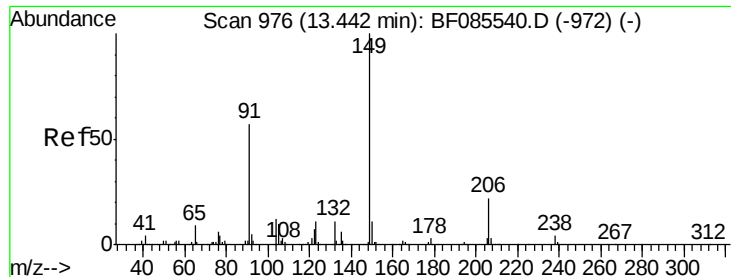


#78  
 Terphenyl-d14  
 Concen: 65.35 ng  
 RT: 12.96 min Scan# 934  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 244     | 100   | 1103604 |       |       |
| 212     | 7.1   | 6.1     | 9.1   |       |
| 122     | 10.3  | 10.2    | 15.4  |       |

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





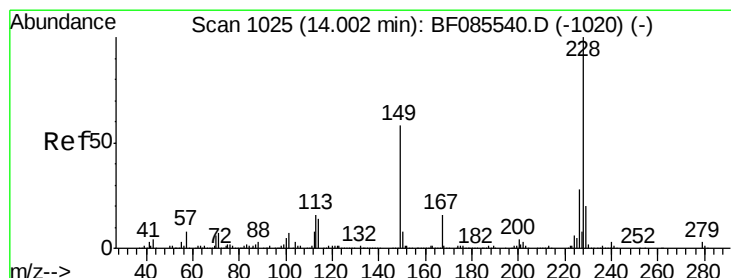
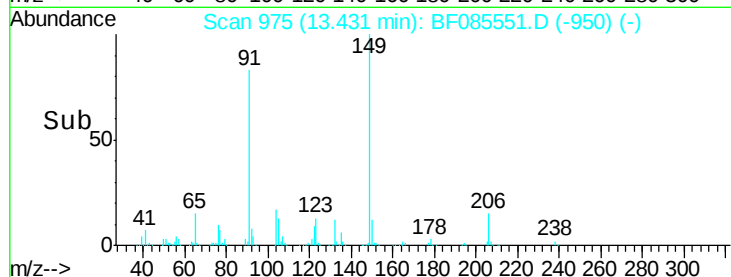
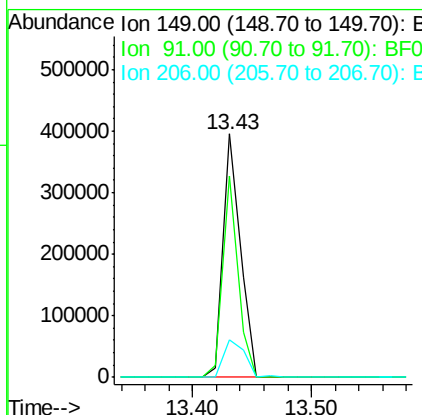
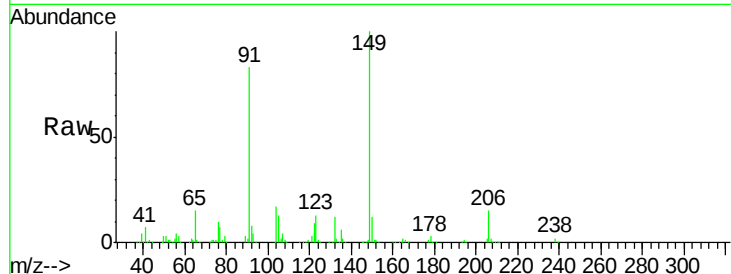
#79  
Butylbenzylphthalate  
Concen: 28.53 ng  
RT: 13.43 min Scan# 975  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampled :  
PB88981BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 82.5  | 45.8       | 68.8#      |
| 206     | 15.2  | 17.8       | 26.8#      |

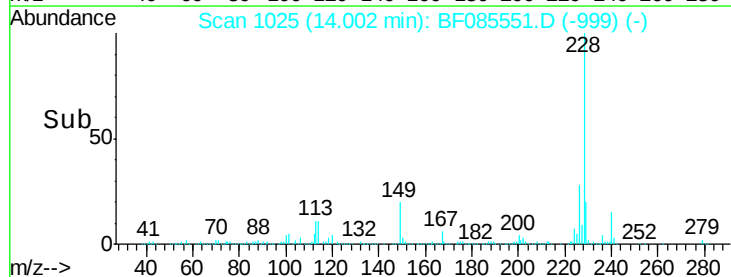
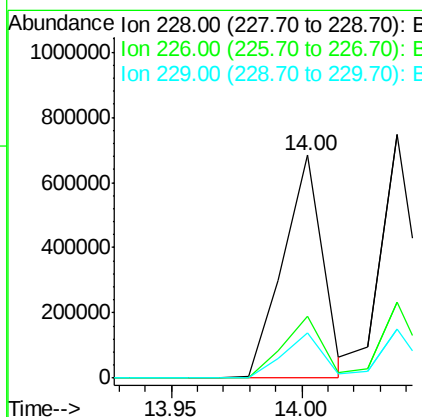
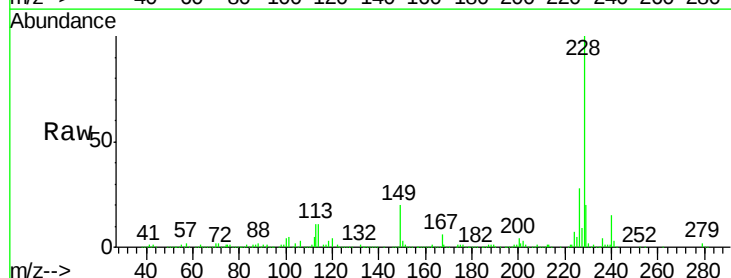
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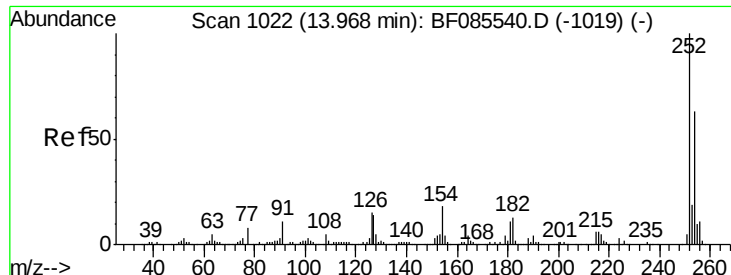
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#80  
Benzo(a)anthracene  
Concen: 30.63 ng  
RT: 14.00 min Scan# 1025  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 28.1  | 22.1       | 33.1       |
| 229     | 20.2  | 16.2       | 24.4       |





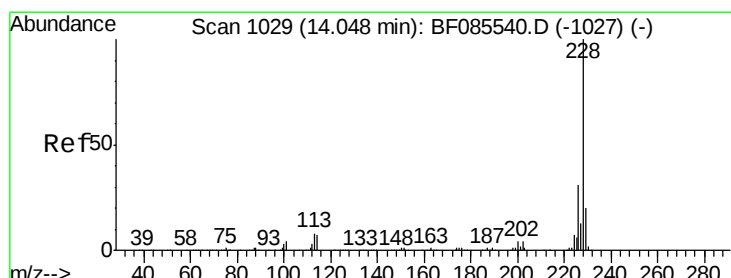
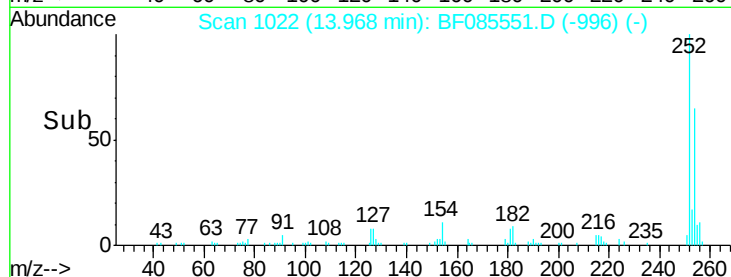
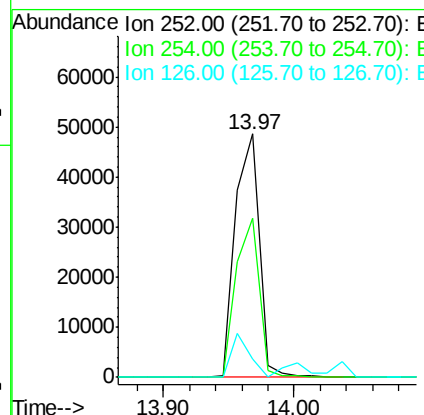
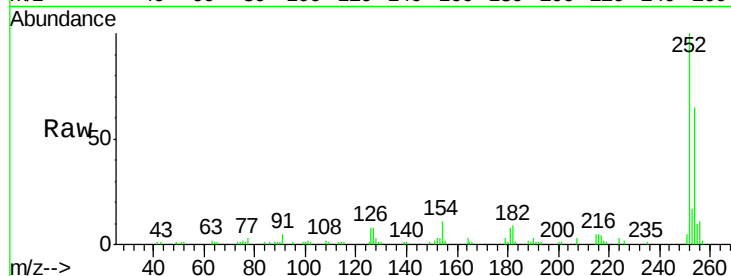
#81  
 3,3'-Dichlorobenzidine  
 Concen: 7.14 ng  
 RT: 13.97 min Scan# 1022  
 Delta R.T. 0.00 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.3  | 50.7  | 76.1  |
| 126     | 7.7   | 11.8  | 17.6  |

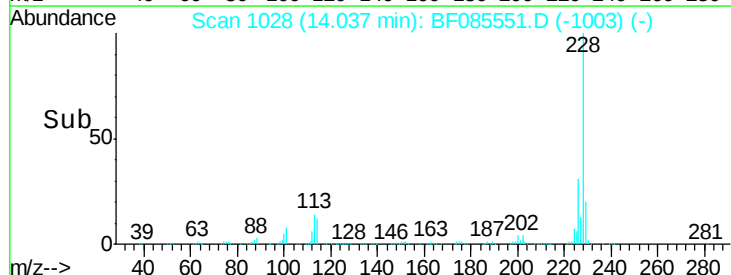
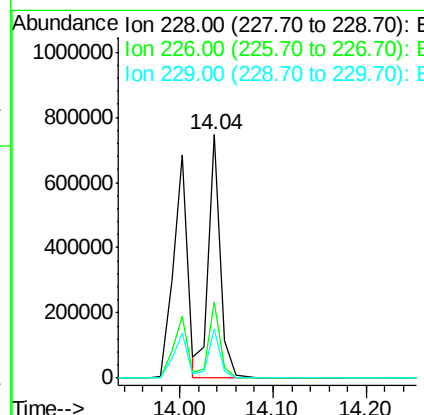
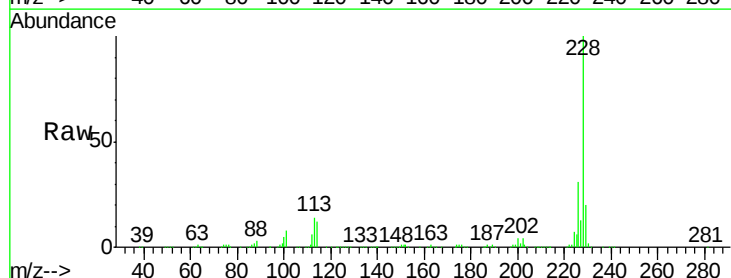
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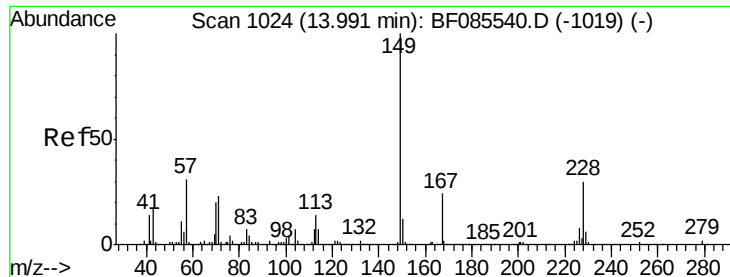
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#82  
 Chrysene  
 Concen: 29.57 ng  
 RT: 14.04 min Scan# 1028  
 Delta R.T. -0.01 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.03 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085551.D

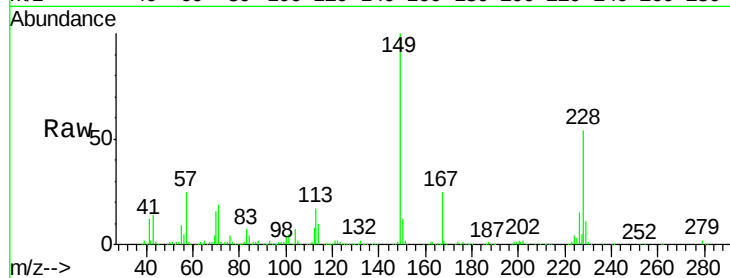
Acq: 19 Mar 2016 3:49

Instrument :

BNA\_F

ClientSampleId :

PB88981BS



Tgt Ion:149 Resp: 501601

Ion Ratio Lower Upper

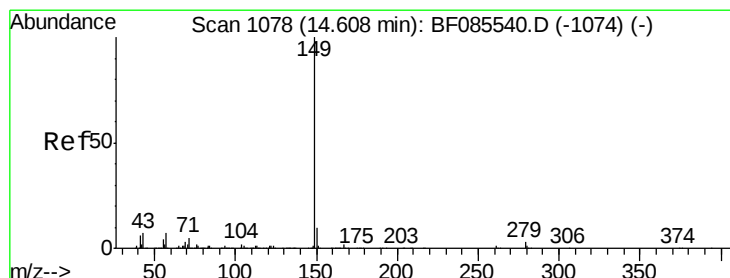
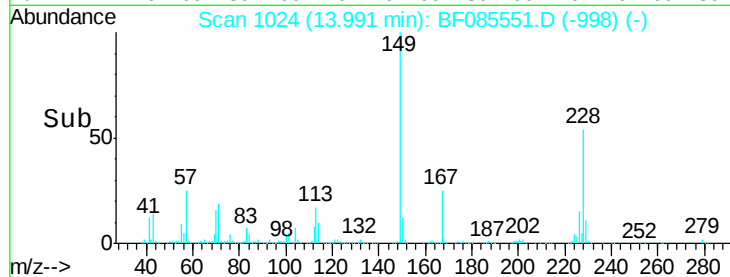
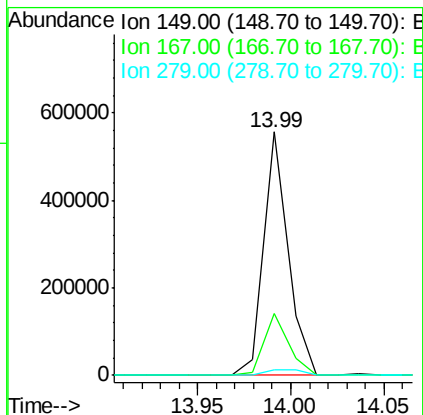
149 100

167 25.2 19.4 29.2

279 2.4 1.5 2.3#

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#84

Di-n-octyl phthalate

Concen: 33.12 ng

RT: 14.61 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF085551.D

Acq: 19 Mar 2016 3:49

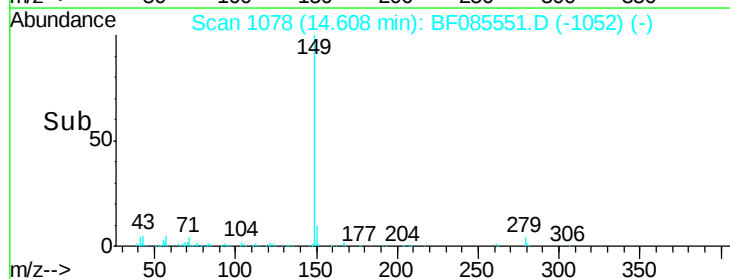
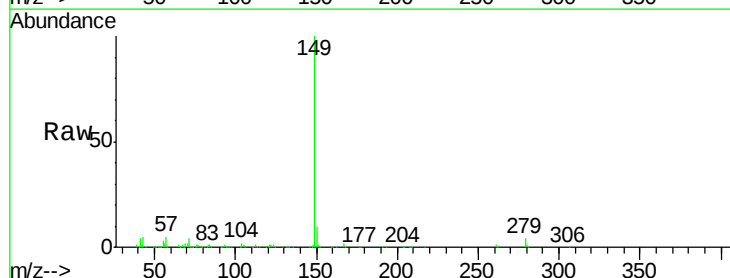
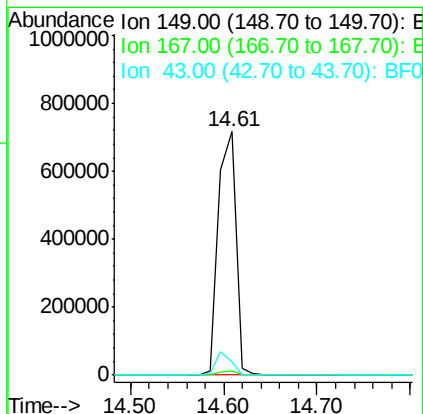
Tgt Ion:149 Resp: 932651

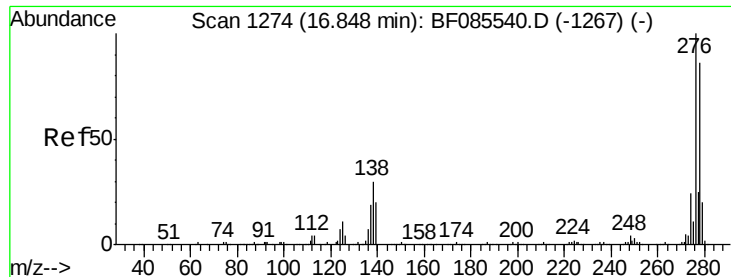
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.3 7.1 10.7





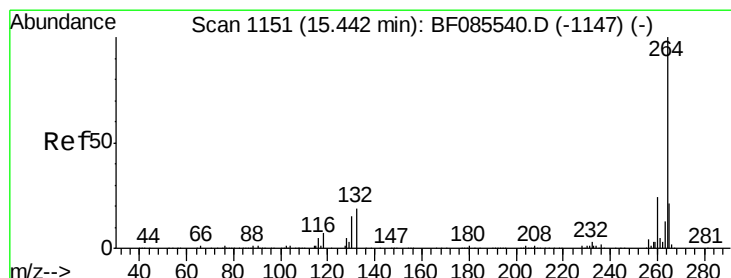
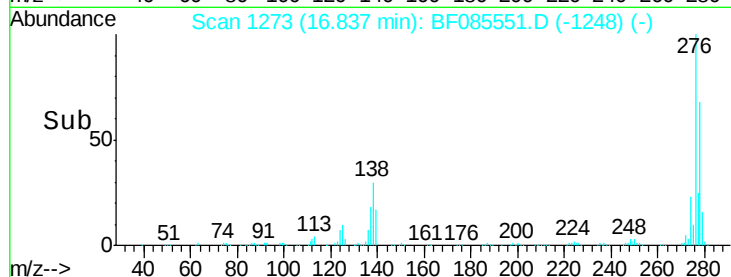
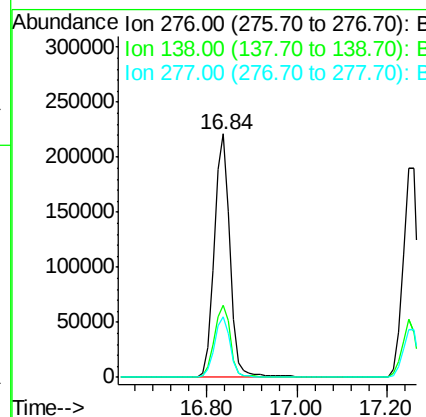
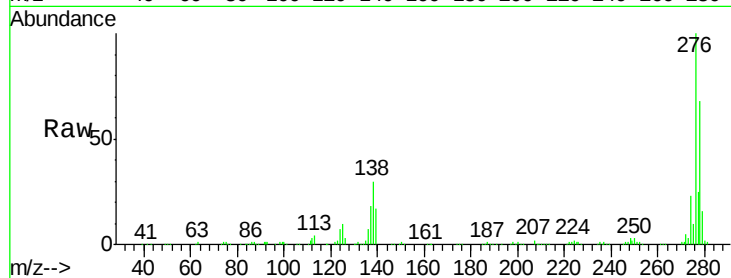
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 28.31 ng  
 RT: 16.84 min Scan# 1273  
 Delta R.T. -0.01 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 536920 |       |       |
| 138     | 30.5  | 24.2   | 36.4  |       |
| 277     | 25.0  | 20.0   | 30.0  |       |

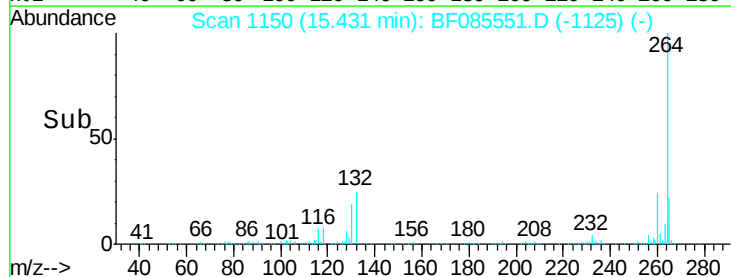
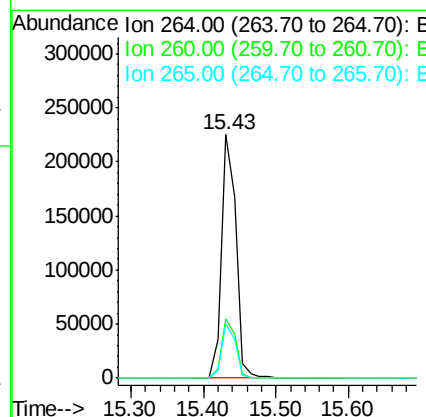
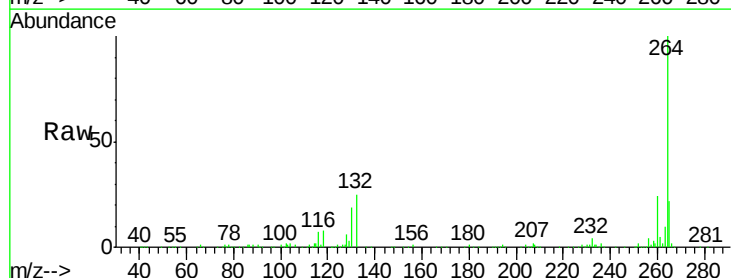
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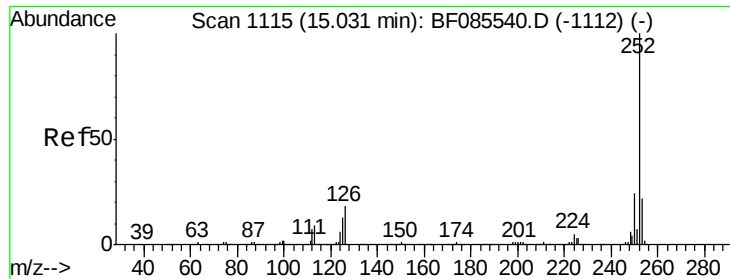
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.43 min Scan# 1150  
 Delta R.T. -0.01 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 310988 |       |       |
| 260     | 24.2  | 19.4   | 29.2  |       |
| 265     | 22.3  | 17.2   | 25.8  |       |





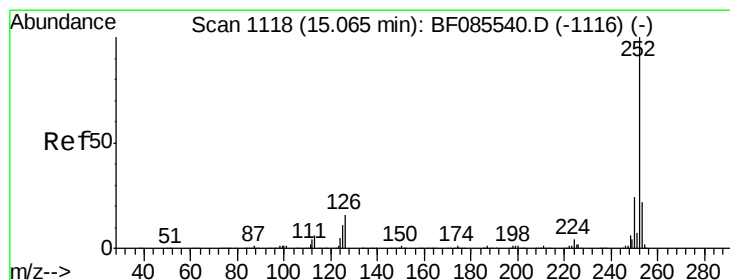
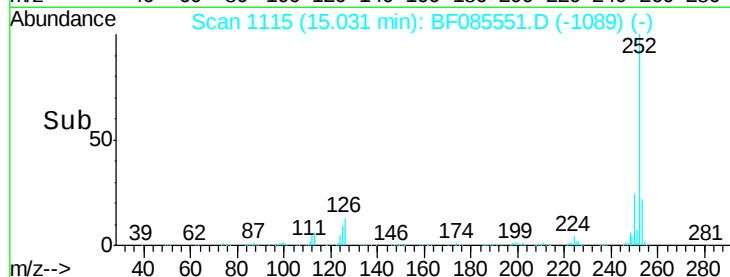
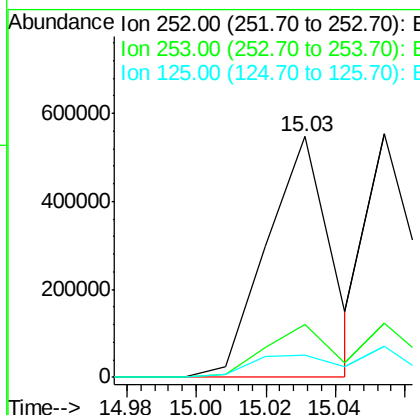
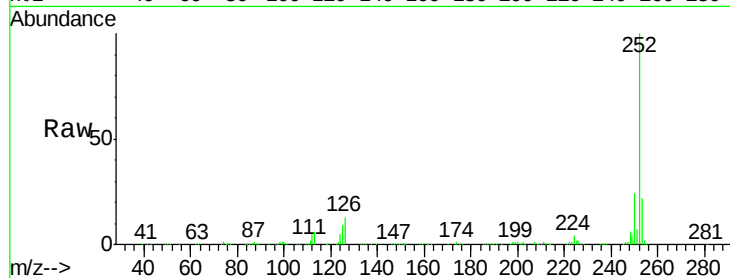
#87  
Benzo(b)fluoranthene  
Concen: 34.42 ng m  
RT: 15.03 min Scan# 1115  
Delta R.T. 0.00 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 698423 |       |       |
| 253     | 21.9  | 17.6   | 26.4  |       |
| 125     | 9.1   | 10.3   | 15.5# |       |

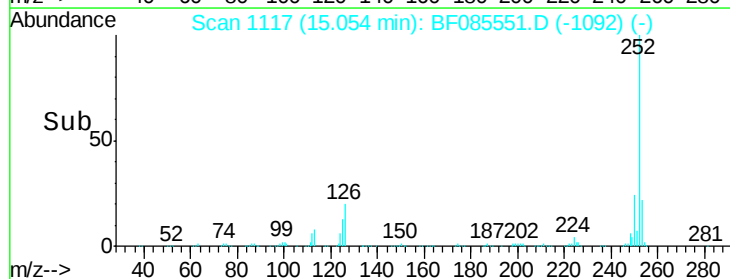
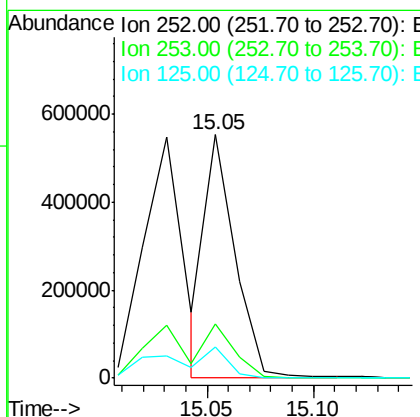
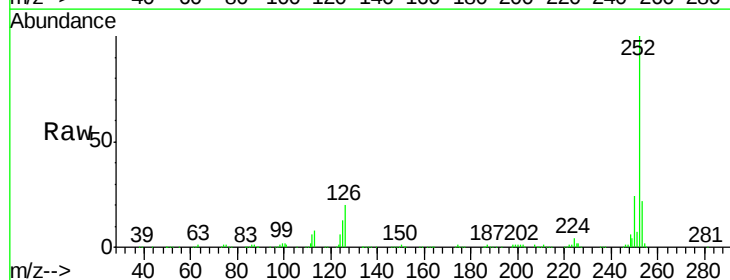
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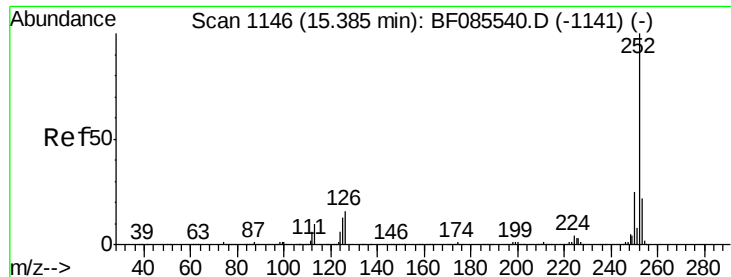
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#88  
Benzo(k)fluoranthene  
Concen: 32.92 ng m  
RT: 15.05 min Scan# 1117  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 550437 |       |       |
| 253     | 22.1  | 17.8   | 26.6  |       |
| 125     | 13.0  | 7.7    | 11.5# |       |





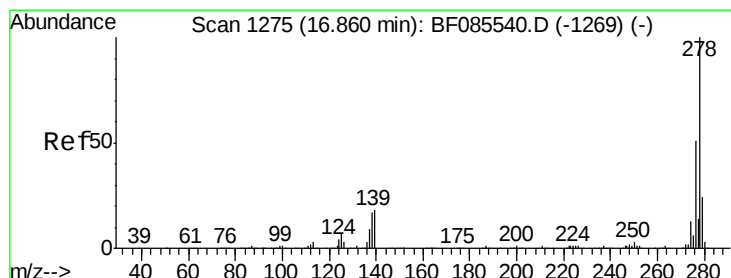
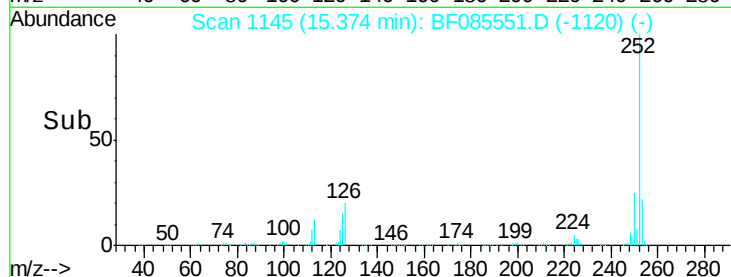
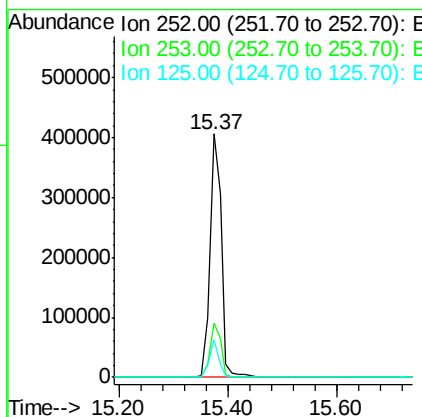
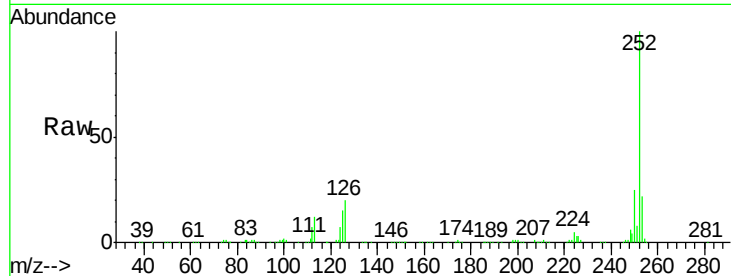
#89  
Benzo(a)pyrene  
Concen: 34.20 ng  
RT: 15.37 min Scan# 1145  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

Instrument :  
BNA\_F  
ClientSampled :  
PB88981BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 588412 |       |       |
| 253     | 22.3  | 17.4   | 26.0  |       |
| 125     | 15.2  | 10.3   | 15.5  |       |

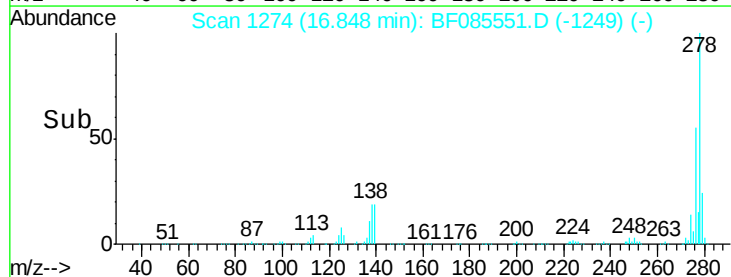
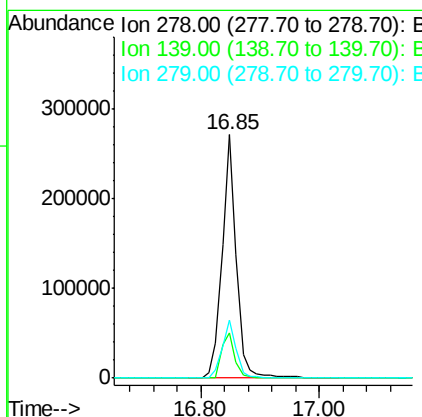
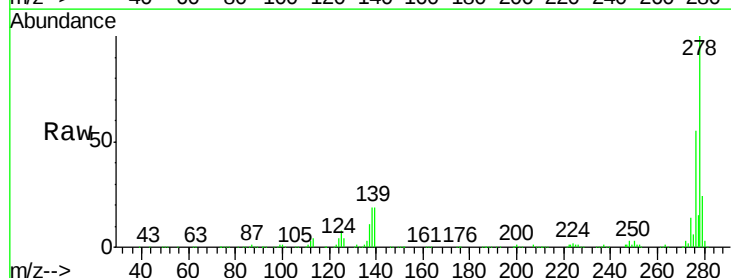
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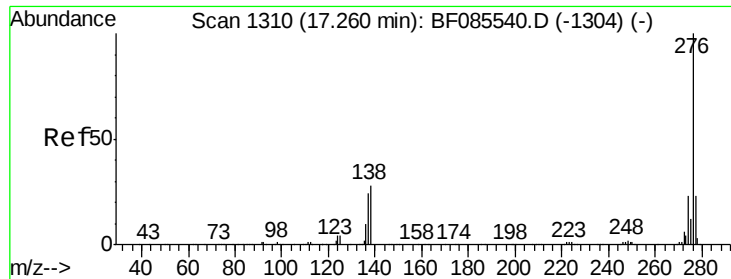
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#90  
Dibenzo(a,h)anthracene  
Concen: 31.68 ng  
RT: 16.85 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BF085551.D  
Acq: 19 Mar 2016 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 278     | 100   | 454540 |       |       |
| 139     | 18.8  | 14.4   | 21.6  |       |
| 279     | 23.9  | 19.1   | 28.7  |       |





#91  
 Benzo(g,h,i)perylene  
 Concen: 31.63 ng  
 RT: 17.25 min Scan# 1309  
 Delta R.T. -0.01 min  
 Lab File: BF085551.D  
 Acq: 19 Mar 2016 3:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88981BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.9  | 18.8  | 28.2  |
| 138     | 27.9  | 22.6  | 34.0  |

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