

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\  
 Data File : BF087676.D  
 Acq On : 4 Jun 2016 20:17  
 Operator : UM/SJ  
 Sample : PB90993BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

Manual Integrations  
 APPROVED

SOHIL  
 6/6/2016 7:18:35 PM

Quant Time: Jun 05 01:50:56 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 04 11:07:28 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 118413   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.15  | 136  | 496095   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.91  | 164  | 233357   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.38 | 188  | 426182   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.02 | 240  | 317816   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.44 | 264  | 271603   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 783649  | 106.97 | ng | 0.01 |
| 7) Phenol-d6             | 6.49  | 99  | 1025274 | 111.59 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.43  | 82  | 680049  | 79.31  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 294902  | 125.90 | ng | 0.01 |
| 44) 2-Fluorobiphenyl     | 9.23  | 172 | 1290913 | 84.86  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.97 | 244 | 981518  | 75.36  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.57 | 88  | 108336  | 30.59 | ng | # 25   |
| 3) Pyridine                    | 3.28 | 79  | 341754  | 36.53 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.23 | 42  | 154037  | 38.98 | ng | 100    |
| 6) Aniline                     | 6.52 | 93  | 289496  | 22.23 | ng | 100    |
| 8) 2-Chlorophenol              | 6.64 | 128 | 326373  | 38.71 | ng | 94     |
| 9) Benzaldehyde                | 6.40 | 77  | 22320   | 3.59  | ng | 89     |
| 10) Phenol                     | 6.50 | 94  | 410893  | 39.27 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 310355  | 40.83 | ng | # 81   |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 330962  | 36.67 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146 | 364560  | 40.25 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 313885m | 36.97 | ng |        |
| 15) Benzyl Alcohol             | 7.00 | 79  | 232361  | 34.23 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 438442  | 39.55 | ng | 97     |
| 17) 2-Methylphenol             | 7.12 | 107 | 301856  | 44.59 | ng | 96     |
| 18) Hexachloroethane           | 7.38 | 117 | 128575  | 40.60 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70  | 213491  | 37.21 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 324321  | 39.11 | ng | 92     |
| 22) Acetophenone               | 7.28 | 105 | 451516  | 40.18 | ng | # 99   |
| 24) Nitrobenzene               | 7.45 | 77  | 346375  | 40.36 | ng | 93     |
| 25) Isophorone                 | 7.69 | 82  | 637681  | 40.85 | ng | 97     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 164720  | 41.31 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 362271  | 43.84 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 379987  | 38.37 | ng | # 97   |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 273691  | 40.33 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180 | 295017  | 41.51 | ng | 99     |
| 31) Naphthalene                | 8.17 | 128 | 995679  | 41.28 | ng | 99     |
| 32) Benzoic acid               | 7.92 | 122 | 231712  | 46.48 | ng | 97     |
| 33) 4-Chloroaniline            | 8.22 | 127 | 147420  | 14.07 | ng | 94     |
| 34) Hexachlorobutadiene        | 8.30 | 225 | 147129  | 39.82 | ng | 98     |
| 35) Caprolactam                | 8.58 | 113 | 95870m  | 43.00 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 308831  | 43.99 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 630268  | 39.57 | ng | # 97   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 251872  | 39.16 | ng | # 1    |
| 40) Hexachlorocyclopentadiene  | 9.02 | 237 | 288064  | 76.15 | ng | 99     |

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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.14  | 196  | 189718   | 39.06 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.18  | 196  | 206874m  | 45.77 | nq    |          |
| 45) 1,1'-Biphenyl              | 9.32  | 154  | 709417   | 37.46 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 9.35  | 162  | 570600   | 37.85 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.44  | 65   | 169135   | 39.84 | nq    | 98       |
| 48) Acenaphthylene             | 9.77  | 152  | 981925   | 41.77 | nq    | 99       |
| 49) Dimethylphthalate          | 9.63  | 163  | 733767   | 43.25 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.69  | 165  | 179610   | 46.53 | nq    | # 89     |
| 51) Acenaphthene               | 9.94  | 154  | 678342   | 44.84 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.85  | 138  | 94070    | 21.31 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 9.95  | 184  | 167052   | 94.62 | nq    | # 90     |
| 54) Dibenzofuran               | 10.11 | 168  | 897265   | 43.57 | nq    | 97       |
| 55) 4-Nitrophenol              | 10.01 | 139  | 250185   | 66.30 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 10.09 | 165  | 226891   | 46.16 | nq    | # 75     |
| 57) Fluorene                   | 10.46 | 166  | 633703   | 39.36 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 172327   | 44.26 | nq    | # 56     |
| 59) Diethylphthalate           | 10.33 | 149  | 673331   | 39.52 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204  | 267197   | 41.93 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.47 | 138  | 153820   | 36.24 | nq    | 94       |
| 62) Azobenzene                 | 10.60 | 77   | 749341   | 43.69 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 99800    | 42.38 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 581808   | 41.68 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.94 | 248  | 187565   | 44.38 | nq    | 99       |
| 67) Hexachlorobenzene          | 10.99 | 284  | 185929   | 39.34 | nq    | 98       |
| 68) Atrazine                   | 11.10 | 200  | 190753   | 46.13 | nq    | 97       |
| 69) Pentachlorophenol          | 11.19 | 266  | 231432   | 82.42 | nq    | 99       |
| 70) Phenanthrene               | 11.40 | 178  | 919131   | 39.78 | nq    | 100      |
| 71) Anthracene                 | 11.46 | 178  | 982146   | 42.42 | nq    | 100      |
| 72) Carbazole                  | 11.61 | 167  | 833637   | 38.04 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 1049791  | 44.68 | nq    | 100      |
| 74) Fluoranthene               | 12.59 | 202  | 952929   | 41.91 | nq    | 100      |
| 76) Benzidine                  | 12.72 | 184  | 252126   | 20.12 | nq    | 99       |
| 77) Pyrene                     | 12.82 | 202  | 975331   | 43.10 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.45 | 149  | 465259   | 48.31 | nq    | 98       |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 767495   | 41.84 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.98 | 252  | 134360   | 25.96 | nq    | 99       |
| 82) Chrysene                   | 14.05 | 228  | 778116   | 42.62 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 536838   | 46.84 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.62 | 149  | 958962   | 45.00 | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.83 | 276  | 680177   | 45.07 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 15.04 | 252  | 777800   | 44.02 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.06 | 252  | 591164m  | 40.22 | nq    |          |
| 89) Benzo(a)pyrene             | 15.38 | 252  | 642151   | 43.24 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.86 | 278  | 561012   | 44.39 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.26 | 276  | 561313   | 44.02 | nq    | 100      |

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

```

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Data File : BF087676.D
Acq On    : 4 Jun 2016 20:17
Operator  : UM/SJ
Sample    : PB90993BS
Misc      :
ALS Vial  : 21 Sample Multiplier: 1

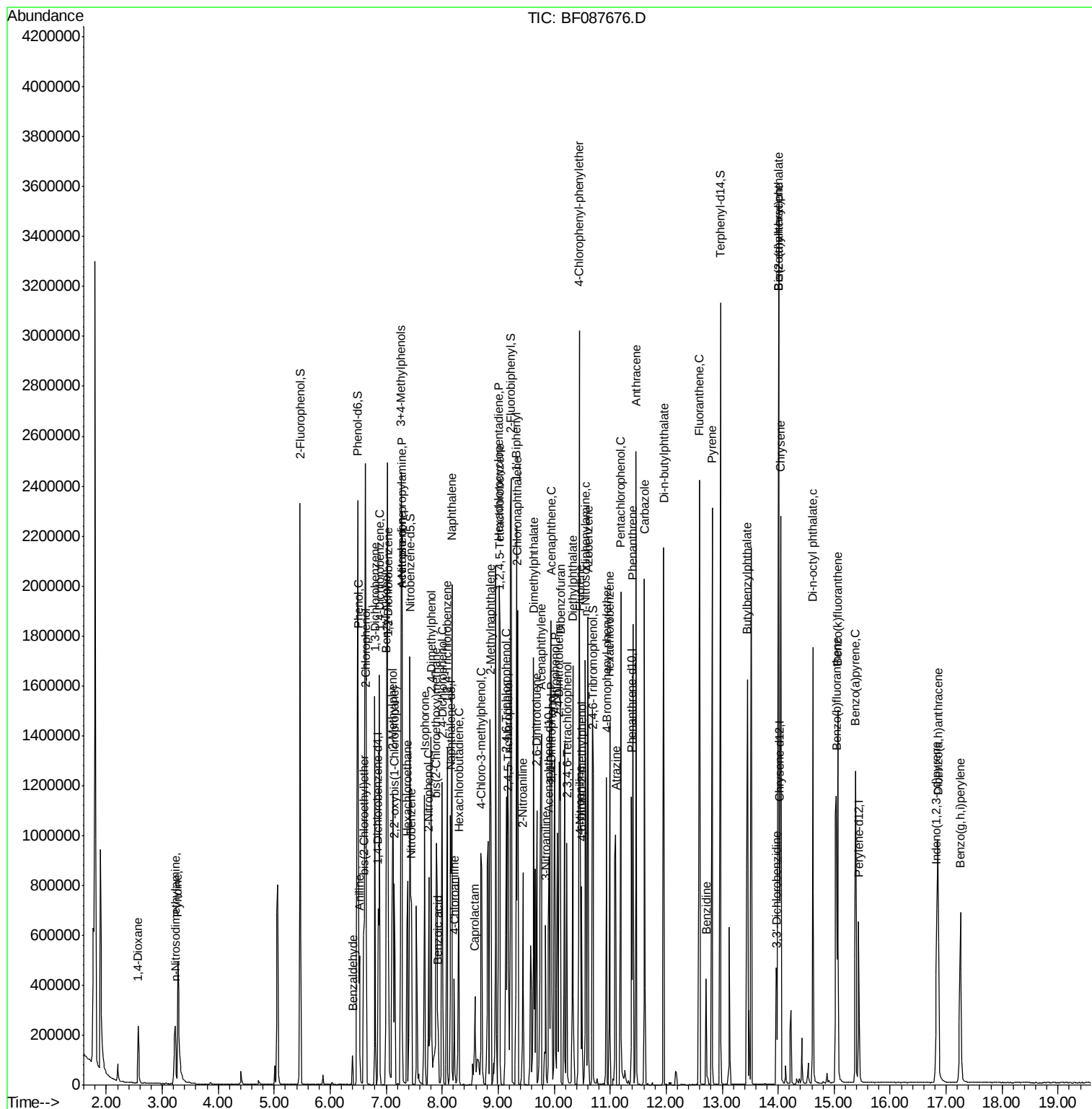
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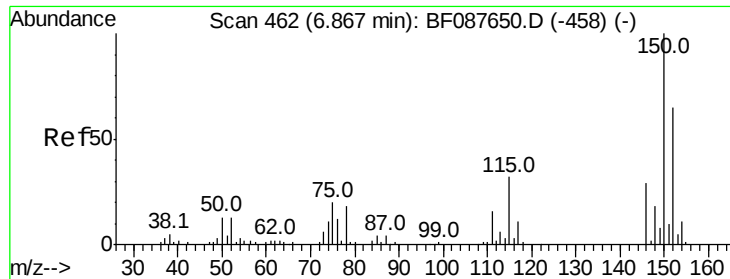
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB90993BS

## Manual Integrations APPROVED

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6/6/2016 7:18:35 PM

Quant Time: Jun 05 01:50:56 2016  
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QLast Update : Sat Jun 04 11:07:28 2016  
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#1

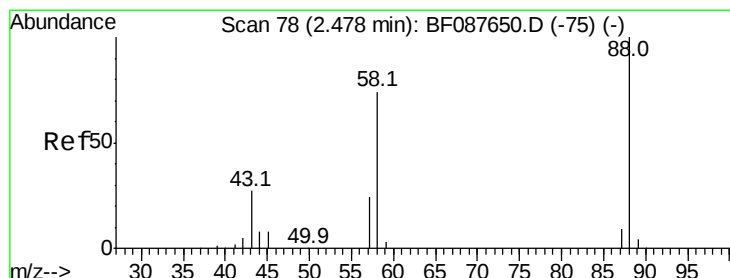
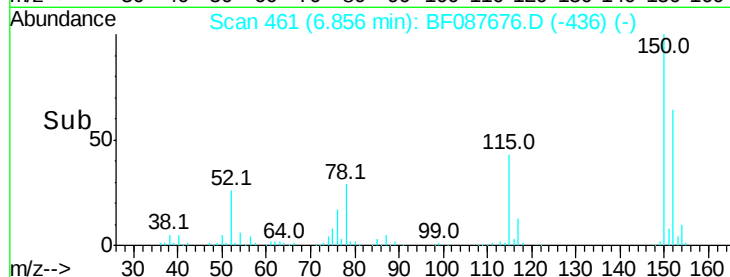
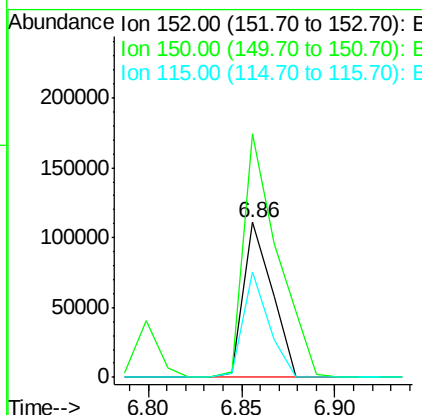
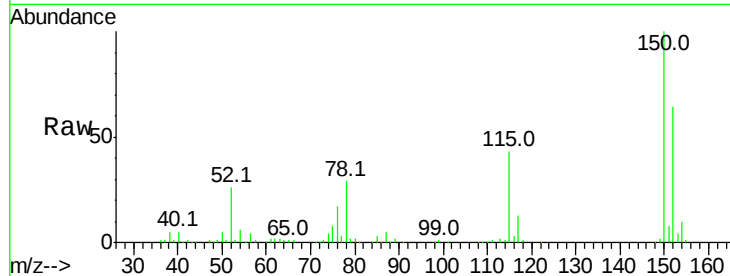
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.86 min Scan# 461  
Delta R.T. -0.01 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB90993BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.8 | 123.8 | 185.6 |
| 115     | 67.8  | 39.6  | 59.4  |

Manual Integrations  
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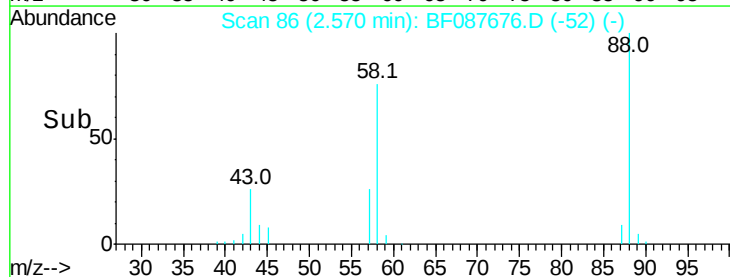
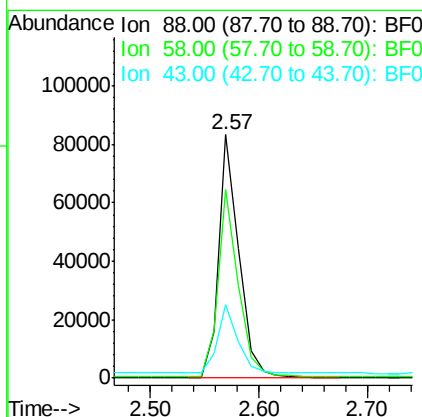
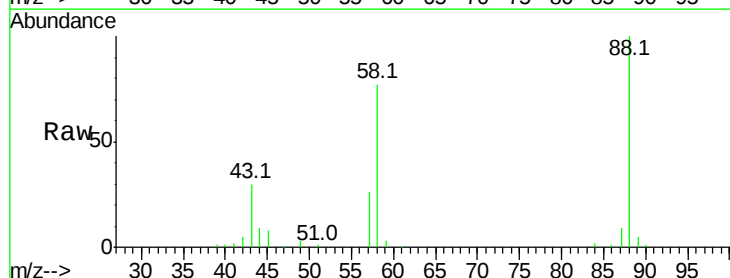
SOHIL  
6/6/2016 7:18:35 PM

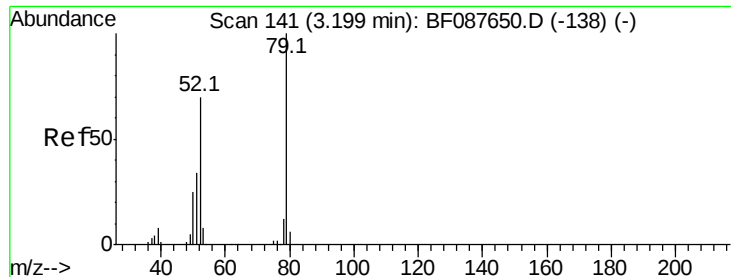


#2

1,4-Dioxane  
Concen: 30.59 ng  
RT: 2.57 min Scan# 86  
Delta R.T. 0.09 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.6  | 0.0   | 0.0   |
| 43      | 28.9  | 3.4   | 5.2   |





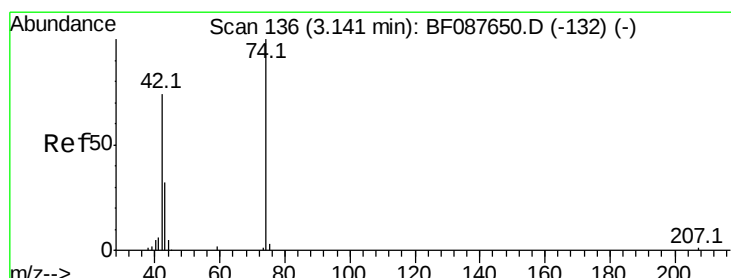
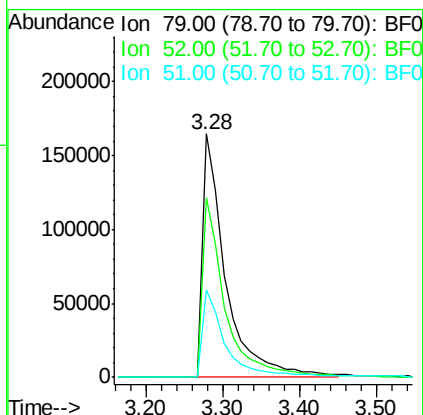
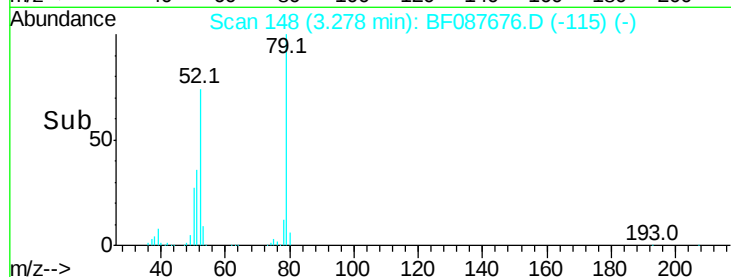
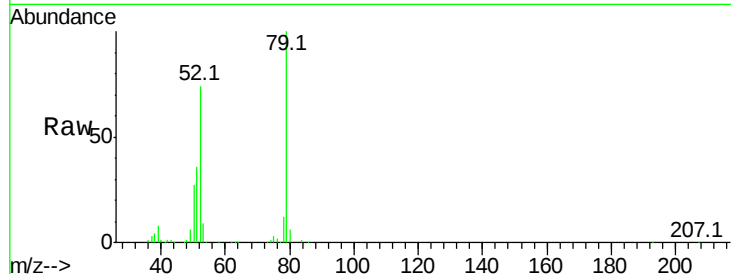
#3  
 Pvridine  
 Concen: 36.53 ng  
 RT: 3.28 min Scan# 148  
 Delta R.T. 0.08 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 73.8  | 56.3  | 84.5  |
| 51      | 36.1  | 27.4  | 41.2  |

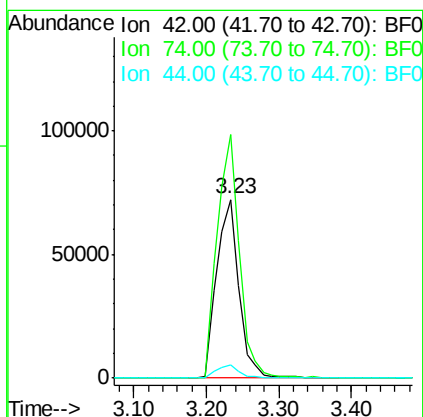
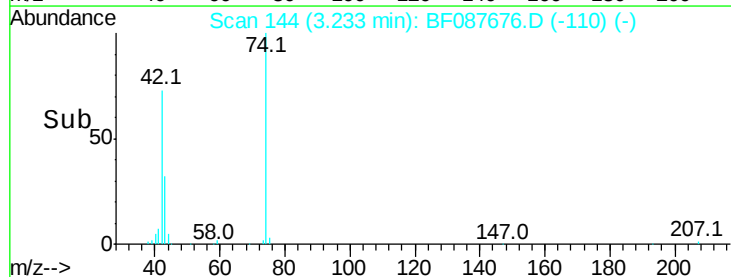
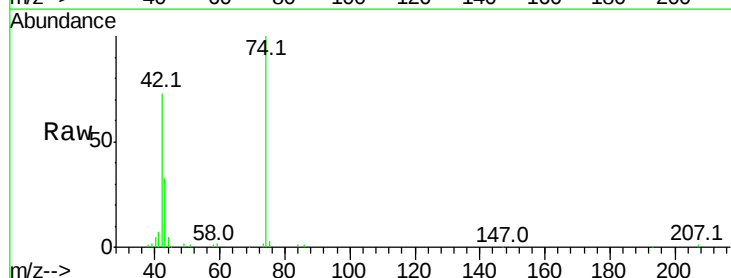
Manual Integrations  
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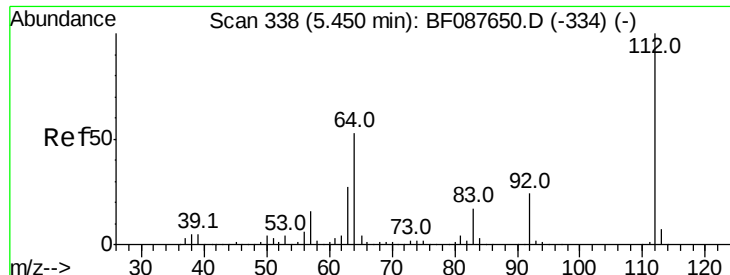
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#4  
 n-Nitrosodimethylamine  
 Concen: 38.98 ng  
 RT: 3.23 min Scan# 144  
 Delta R.T. 0.09 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 136.1 | 108.6 | 163.0 |
| 44      | 7.2   | 5.5   | 8.3   |





#5

2-Fluorophenol

Concen: 106.97 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

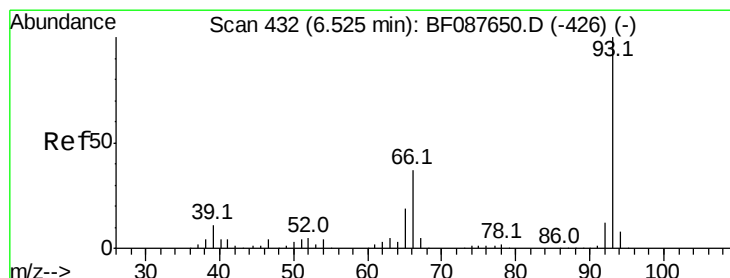
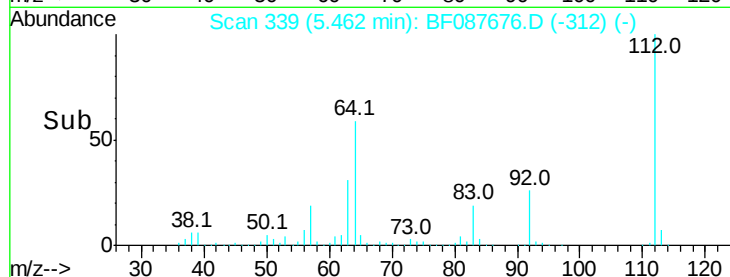
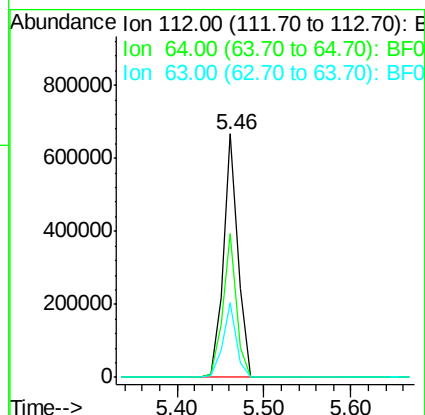
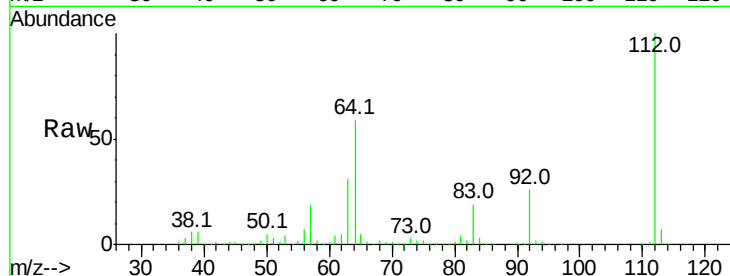
ClientSampleId :

PB90993BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 783649 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.0  | 42.2  | 63.2   |
| 63        | 30.7  | 21.8  | 32.8   |

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#6

Aniline

Concen: 22.23 ng

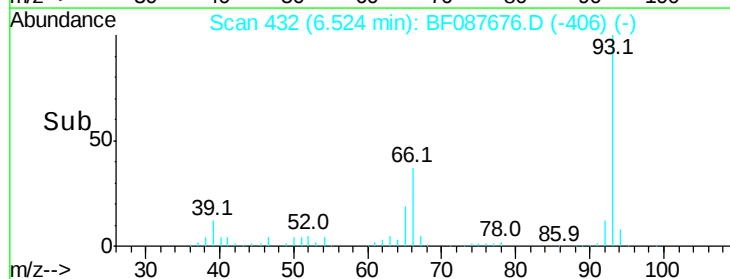
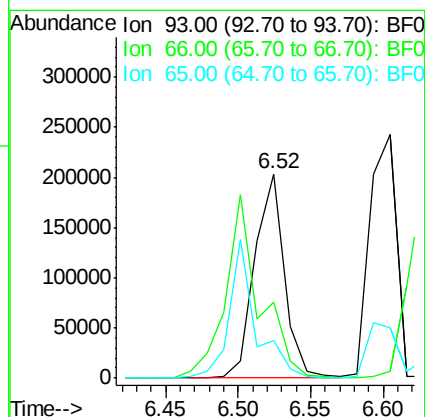
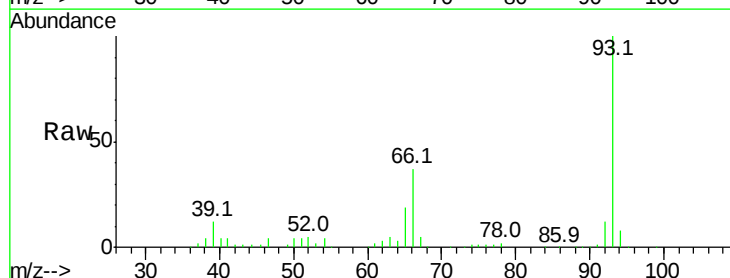
RT: 6.52 min Scan# 432

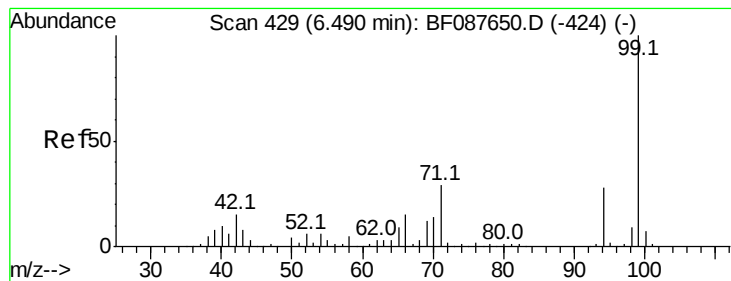
Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 289496 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.2  | 29.8  | 44.8   |
| 65        | 18.6  | 14.9  | 22.3   |





#7

Phenol-d6

Concen: 111.59 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

ClientSampleId :

PB90993BS

Tot Ion: 99 Resp: 1025274

Ion Ratio Lower Upper

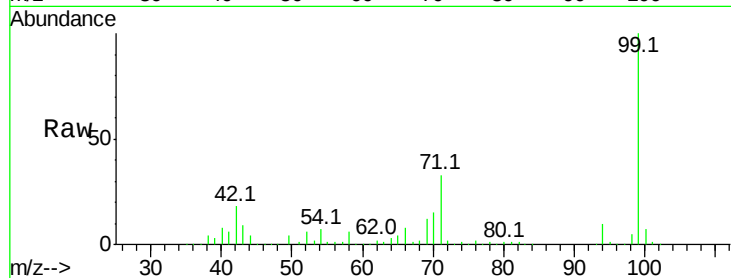
99 100

42 17.6 12.2 18.2

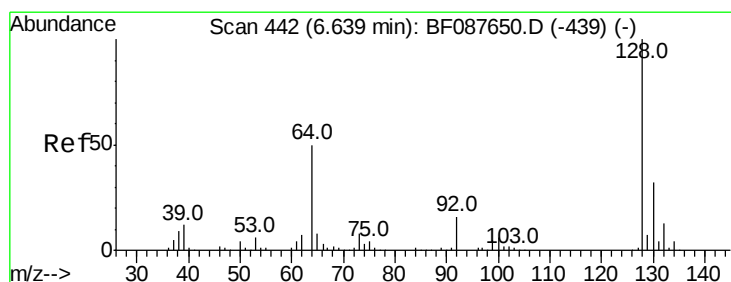
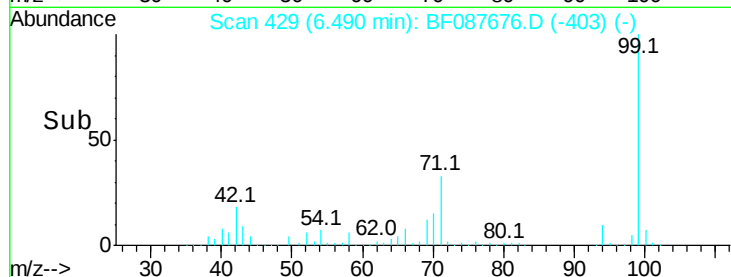
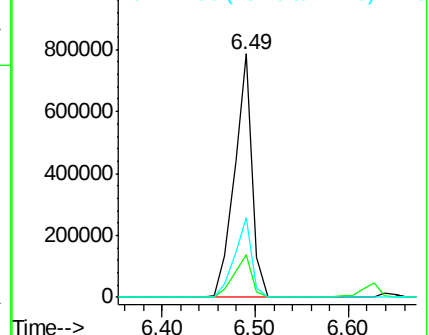
71 33.0 23.4 35.0

Manual Integrations  
APPROVED

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



#8

2-Chlorophenol

Concen: 38.71 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

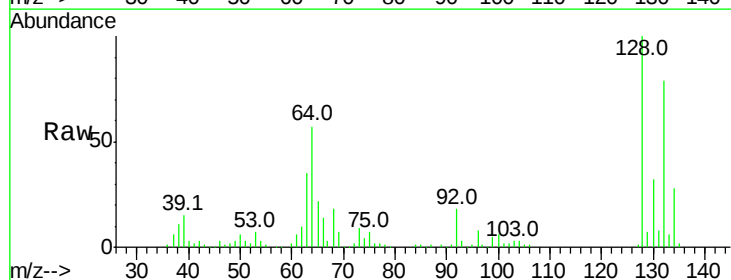
Tgt Ion: 128 Resp: 326373

Ion Ratio Lower Upper

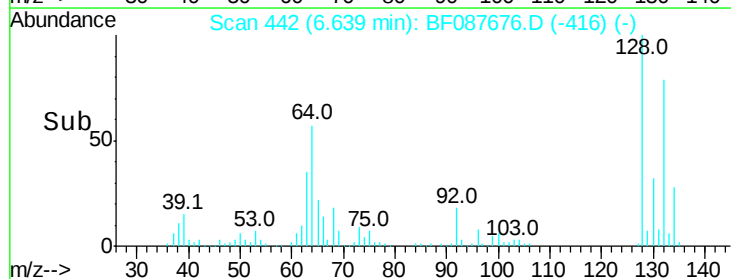
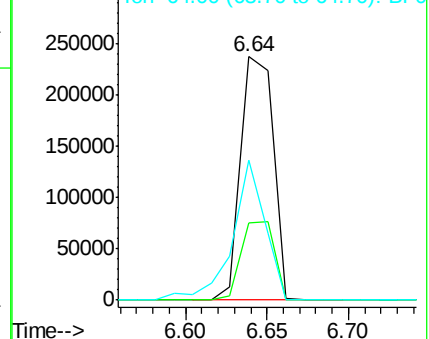
128 100

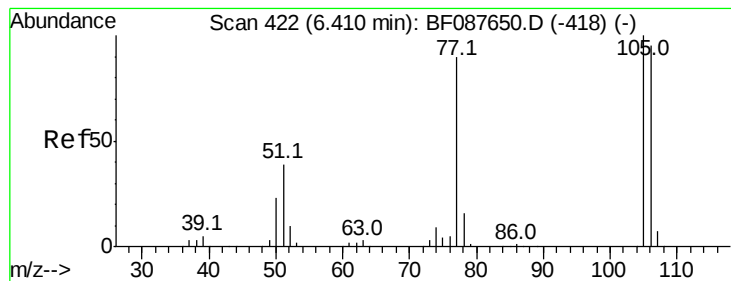
130 31.8 12.0 52.0

64 57.3 30.8 70.8



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





#9

Benzaldehyde

Concen: 3.59 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

ClientSampleId :

PB90993BS

Tot Ion: 77 Resp: 22320

Ion Ratio Lower Upper

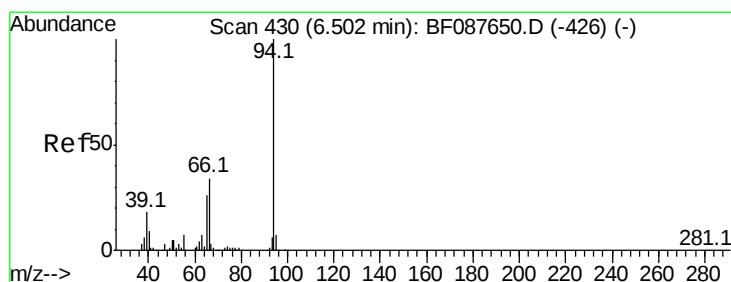
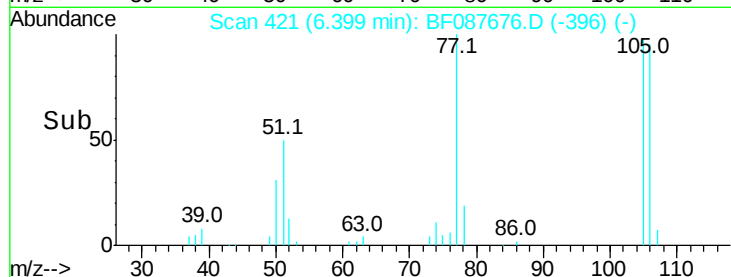
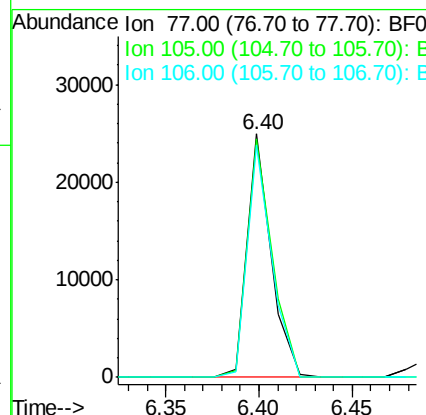
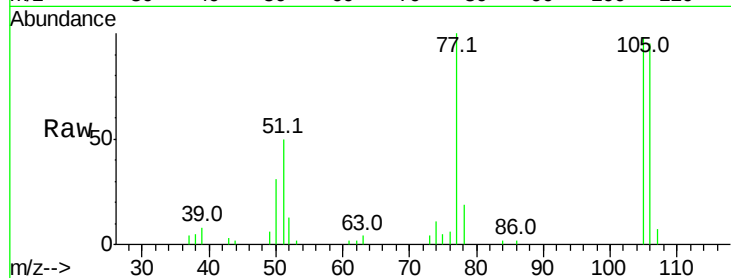
77 100

105 97.8 90.6 130.6

106 95.3 85.3 125.3

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#10

Phenol

Concen: 39.27 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

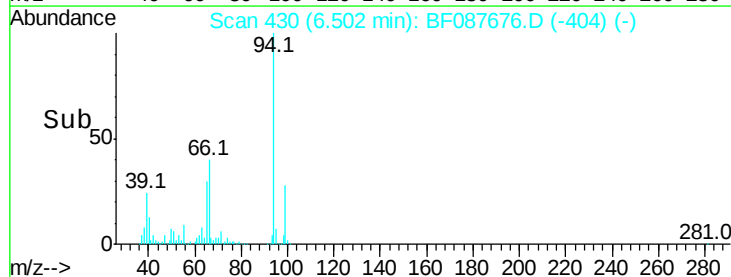
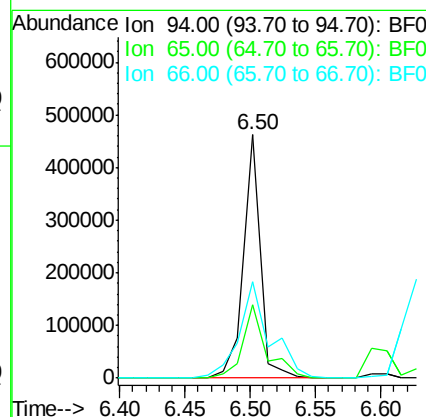
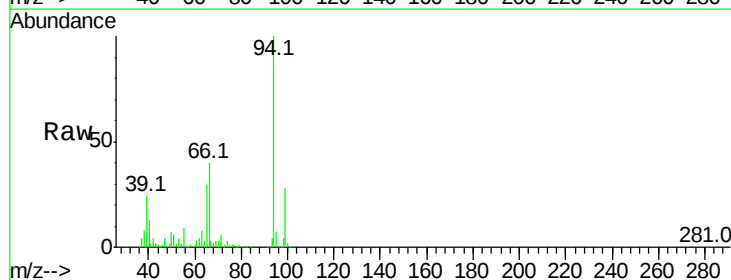
Tgt Ion: 94 Resp: 410893

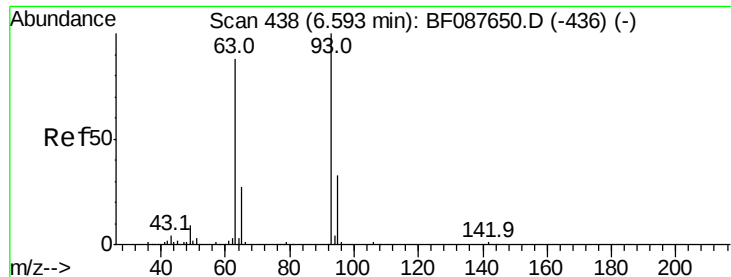
Ion Ratio Lower Upper

94 100

65 29.9 5.9 45.9

66 39.5 14.0 54.0





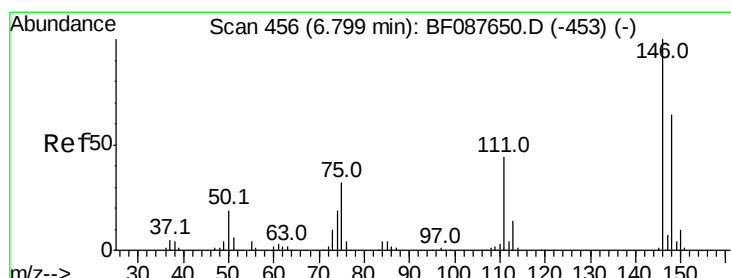
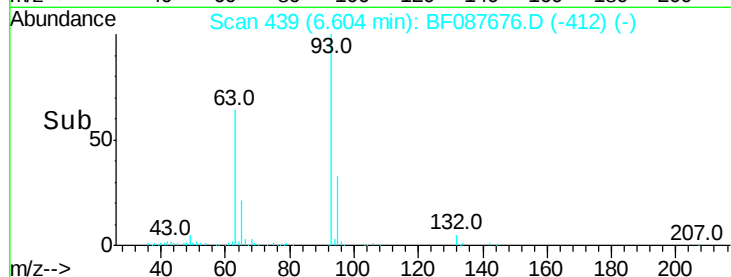
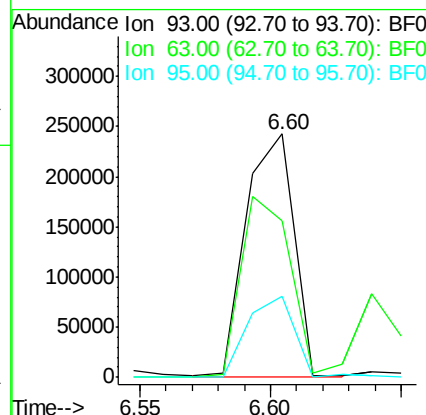
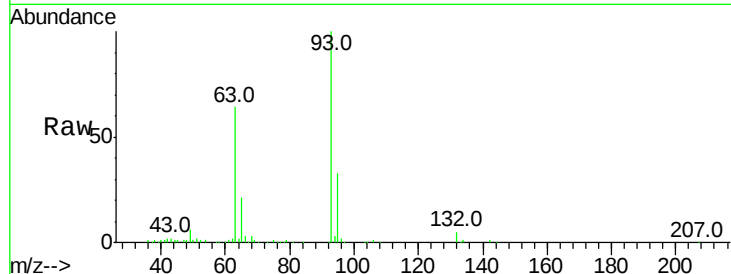
#11  
bis(2-Chloroethyl)ether  
Concen: 40.83 ng  
RT: 6.60 min Scan# 439  
Delta R.T. 0.01 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB90993BS

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 93      | 100   | 310355 |        |       |
| 63      | 64.1  | 67.6   | 107.6# |       |
| 95      | 33.3  | 12.5   | 52.5   |       |

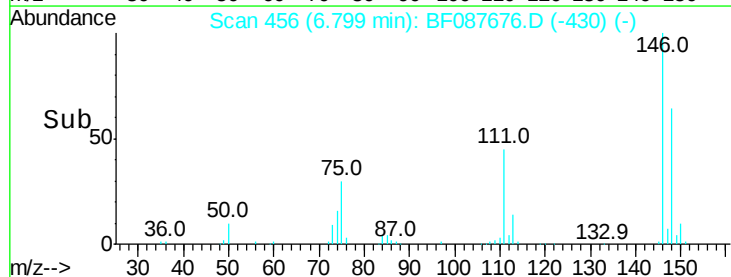
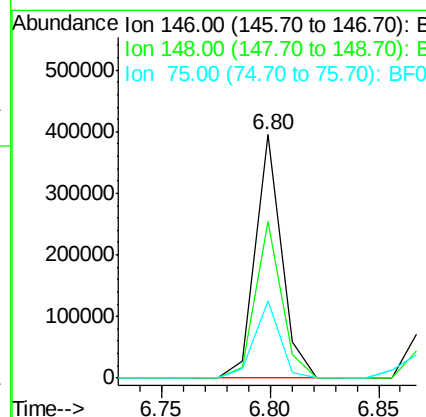
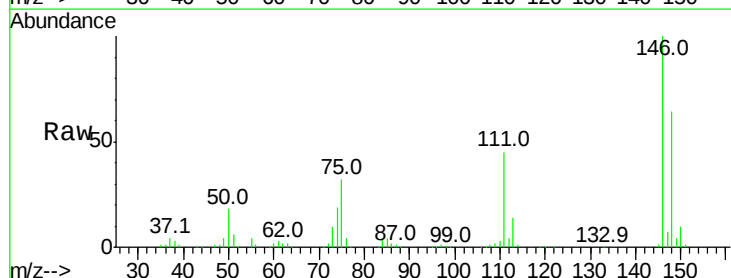
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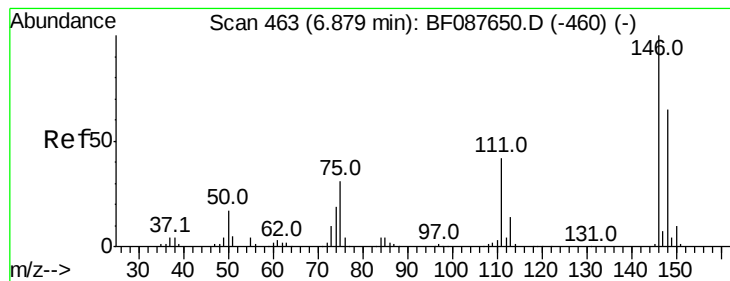
SOHIL  
6/6/2016 7:18:35 PM



#12  
1,3-Dichlorobenzene  
Concen: 36.67 ng  
RT: 6.80 min Scan# 456  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 330962 |       |       |
| 148     | 64.1  | 50.9   | 76.3  |       |
| 75      | 31.7  | 25.6   | 38.4  |       |





#13

1,4-Dichlorobenzene

Concen: 40.25 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

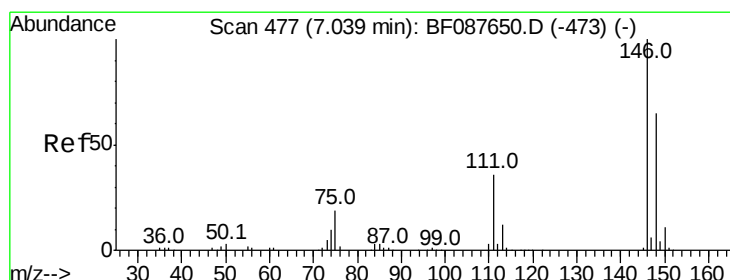
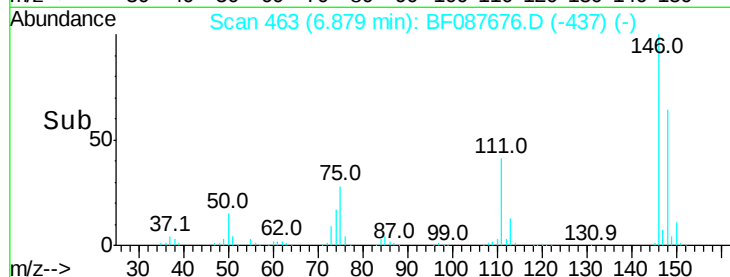
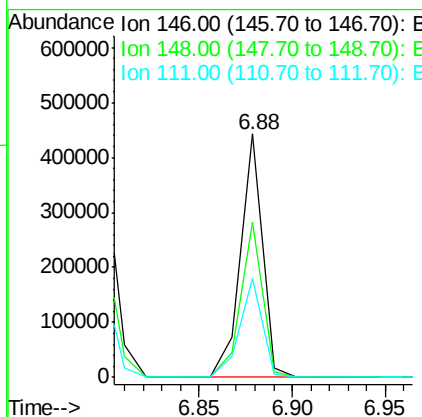
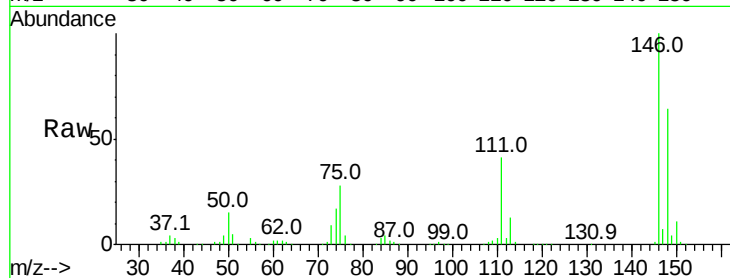
ClientSampleId :

PB90993BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 364560 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.9  | 52.0  | 78.0   |
| 111       | 40.6  | 33.8  | 50.8   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 36.97 ng m

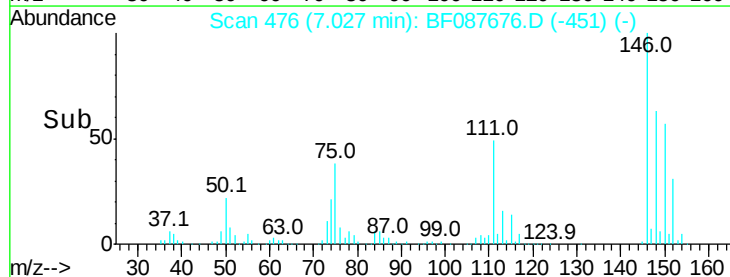
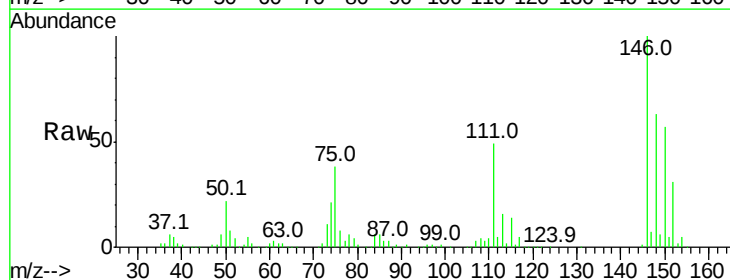
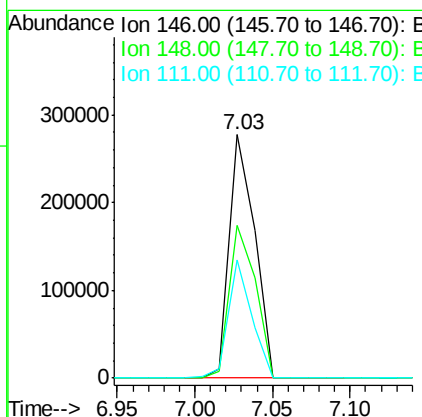
RT: 7.03 min Scan# 476

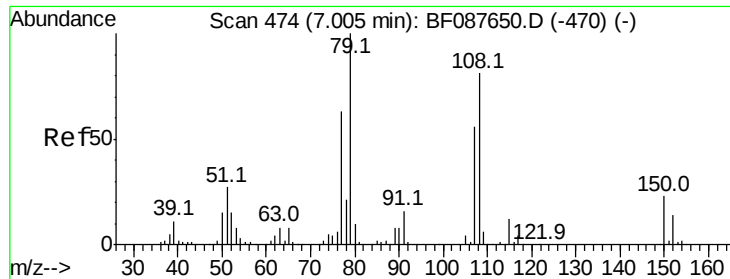
Delta R.T. -0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 313885 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.9  | 52.3  | 78.5   |
| 111       | 48.8  | 28.7  | 43.1#  |





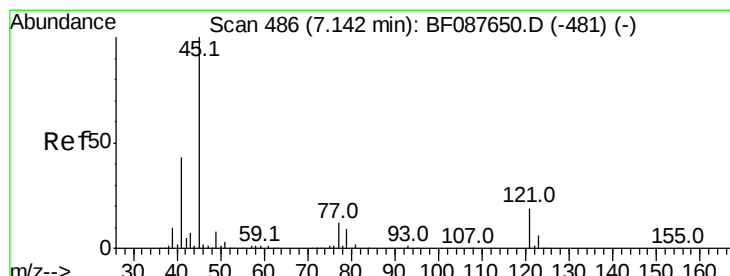
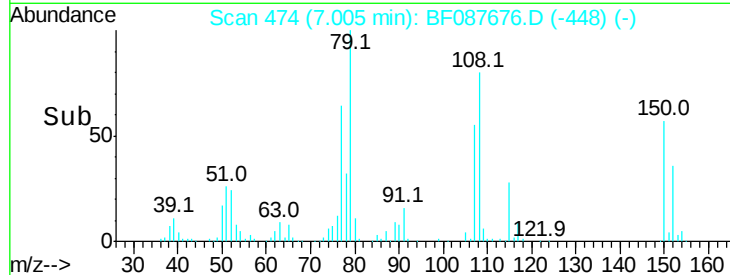
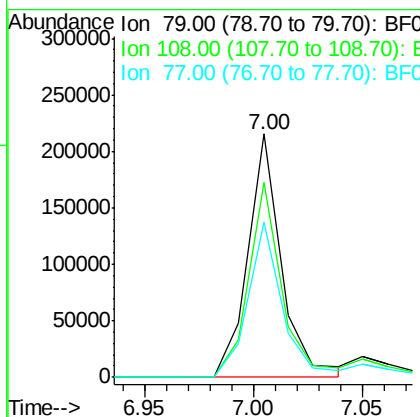
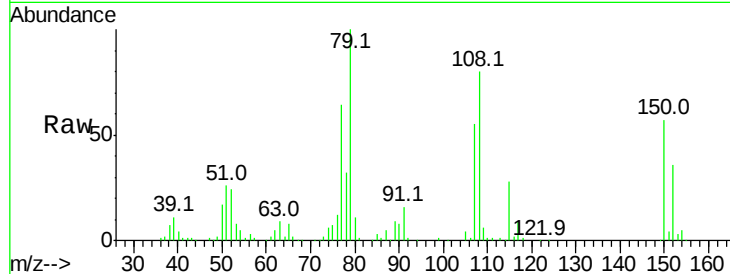
#15  
Benzyl Alcohol  
Concen: 34.23 ng  
RT: 7.00 min Scan# 474  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampled :  
PB90993BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 79      | 100   |            |       |
| 108     | 79.9  | 65.0       | 97.6  |
| 77      | 63.5  | 50.3       | 75.5  |

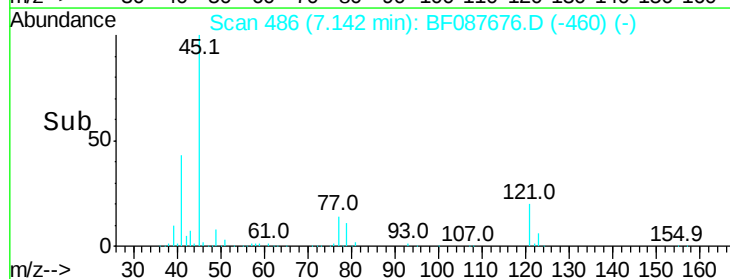
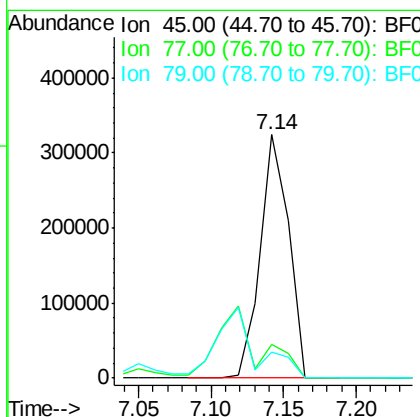
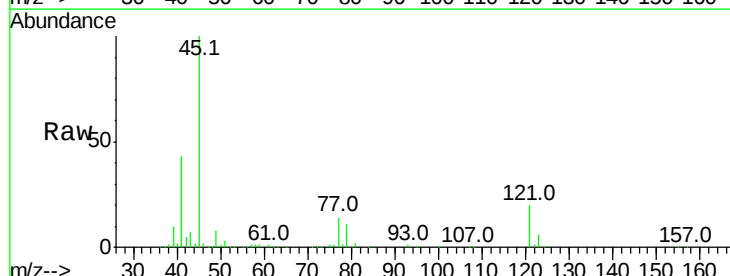
Manual Integrations  
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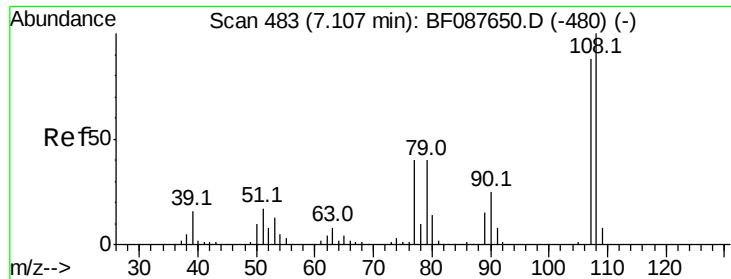
SOHIL  
6/6/2016 7:18:35 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.55 ng  
RT: 7.14 min Scan# 486  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 45      | 100   |            |       |
| 77      | 13.7  | 0.0        | 32.5  |
| 79      | 10.6  | 0.0        | 29.5  |





#17

2-Methylphenol

Concen: 44.59 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

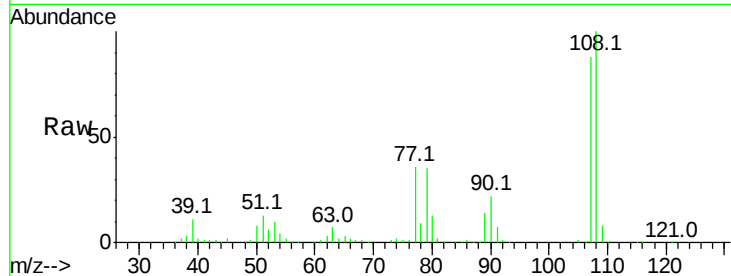
ClientSampleId :

PB90993BS

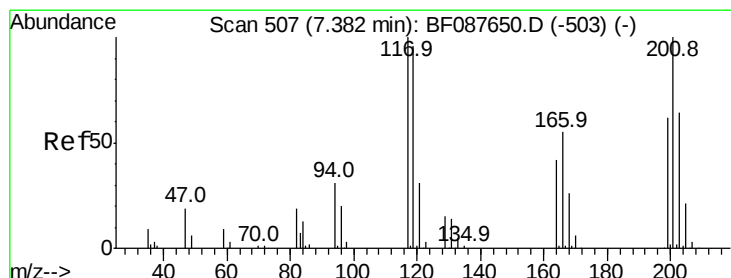
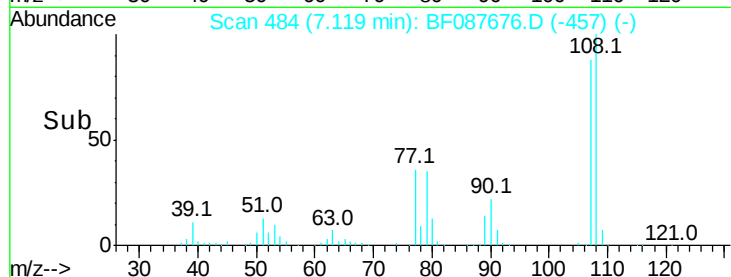
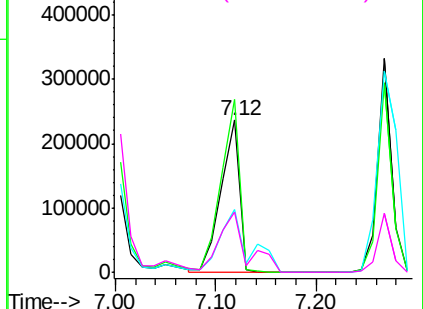
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 301856 |       |       |
| 108     | 113.9 | 90.9   | 136.3 |       |
| 77      | 40.9  | 36.6   | 55.0  |       |
| 79      | 39.9  | 36.5   | 54.7  |       |

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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: 40.60 ng

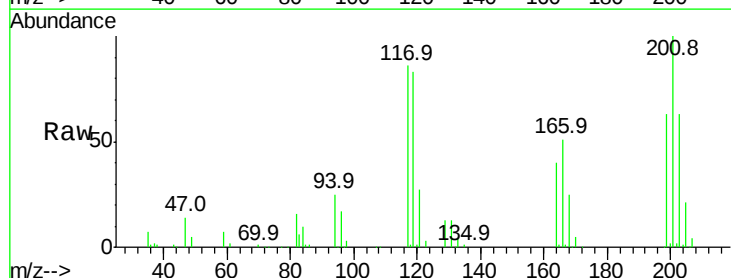
RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

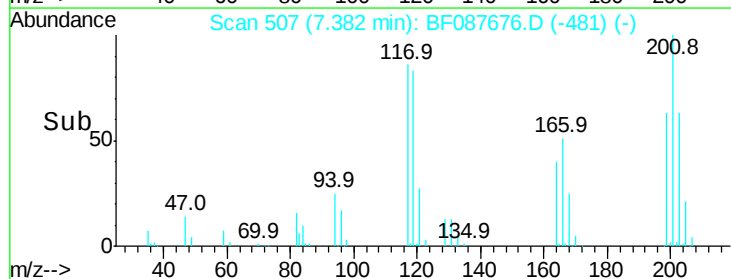
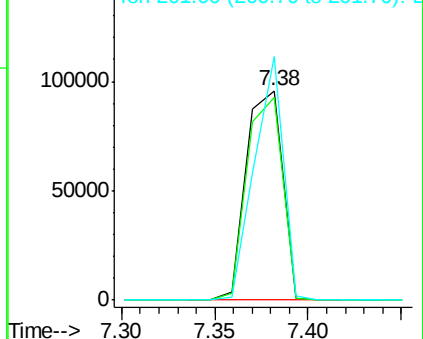
Lab File: BF087676.D

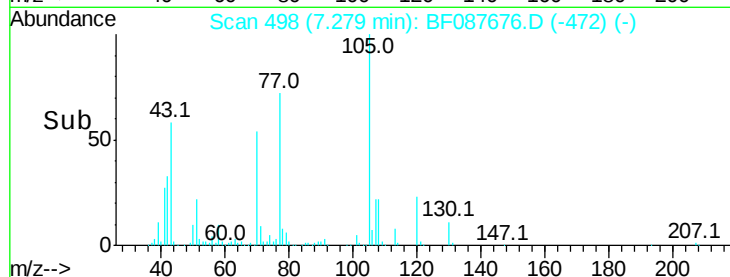
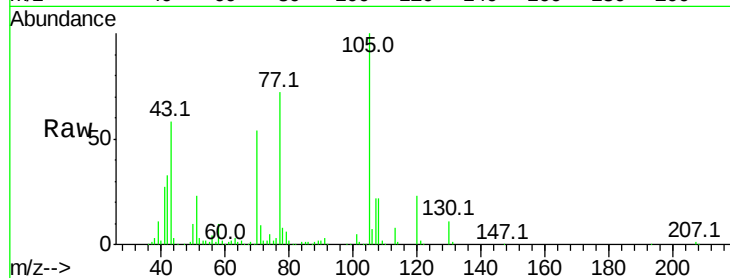
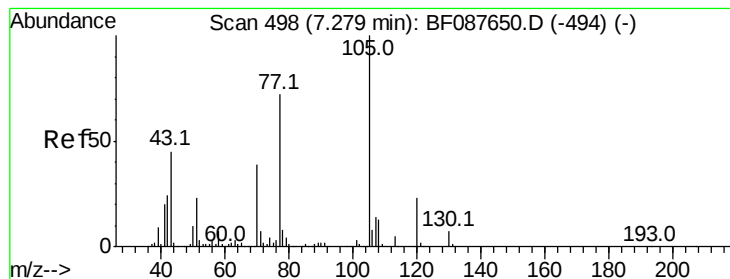
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 128575 |       |       |
| 119     | 96.6  | 77.4   | 116.2 |       |
| 201     | 116.3 | 80.4   | 120.6 |       |



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: 37.21 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

ClientSampleId :

PB90993BS

Tot Ion: 70 Resp: 213491

Ion Ratio Lower Upper

70 100

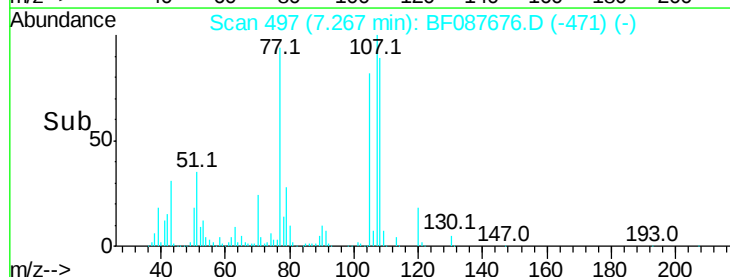
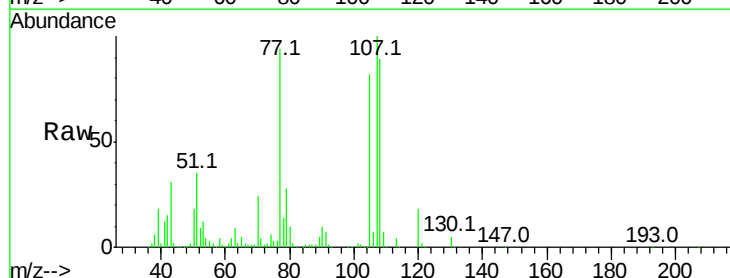
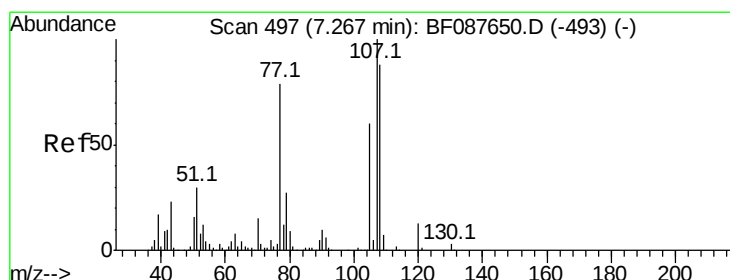
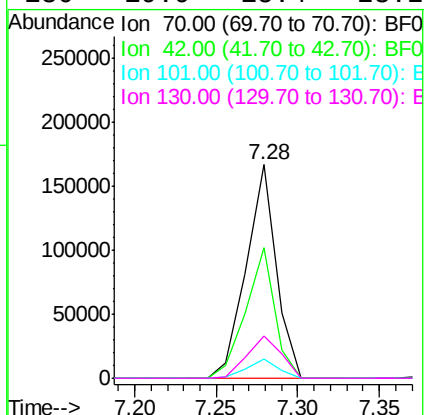
42 61.3 49.6 74.4

101 9.2 7.1 10.7

130 19.9 15.4 23.2

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#20

3+4-Methylphenols

Concen: 39.11 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Tgt Ion: 107 Resp: 324321

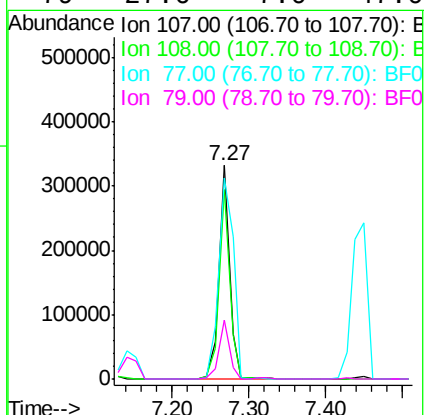
Ion Ratio Lower Upper

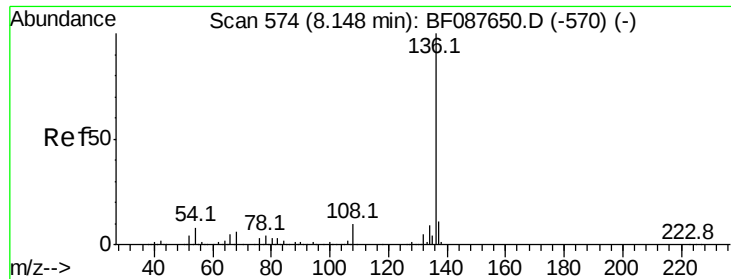
107 100

108 88.7 67.8 107.8

77 94.2 59.3 99.3

79 27.6 7.0 47.0





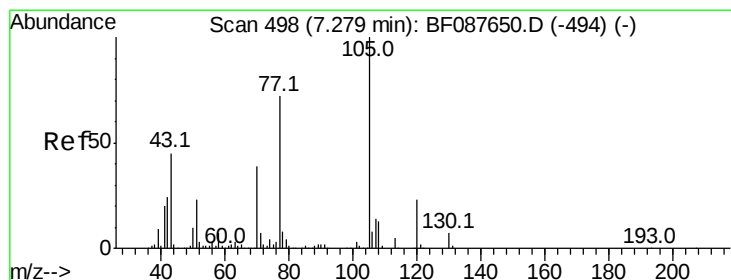
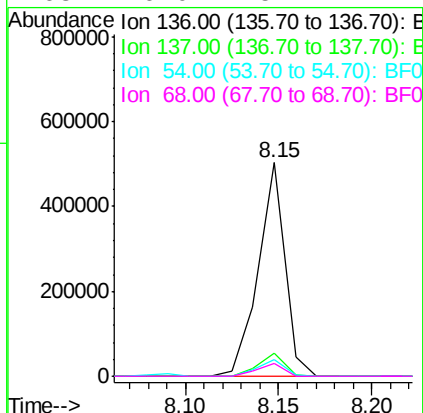
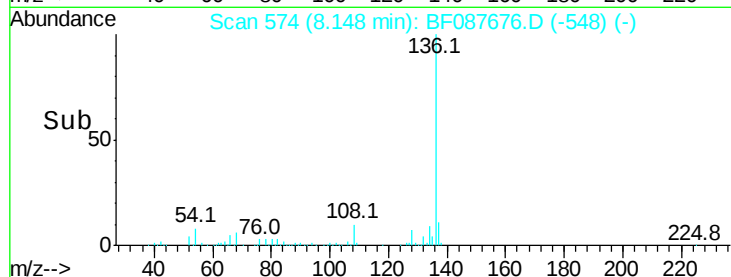
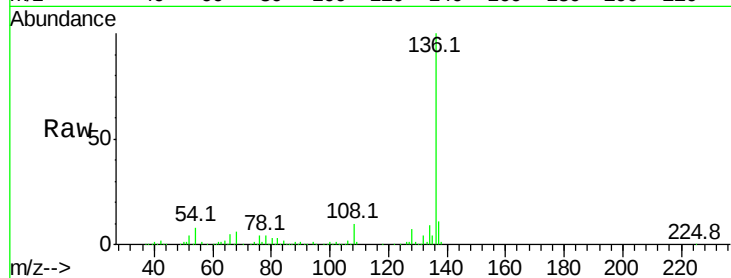
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.15 min Scan# 574  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB90993BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 496095 |       |       |
| 137     | 11.0  | 9.1    | 13.7  |       |
| 54      | 7.7   | 6.6    | 10.0  |       |
| 68      | 6.0   | 5.1    | 7.7   |       |

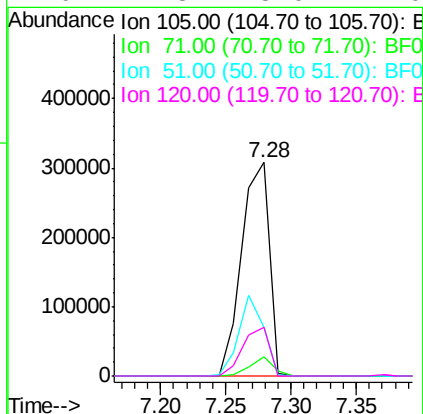
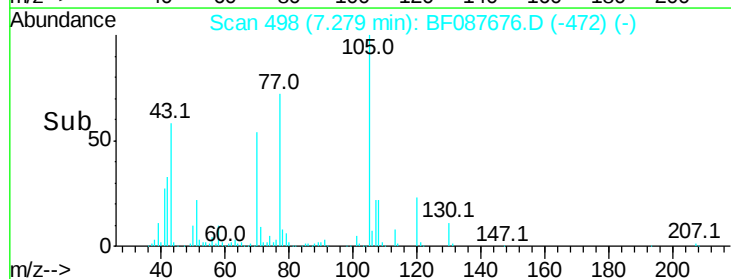
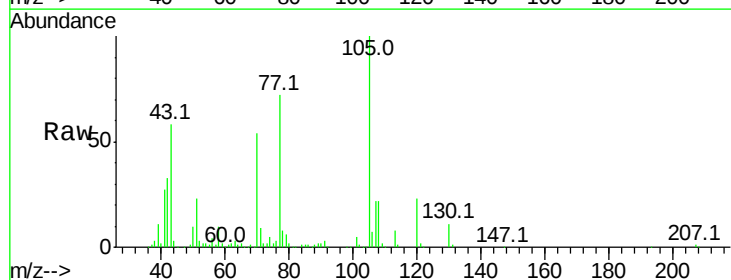
Manual Integrations  
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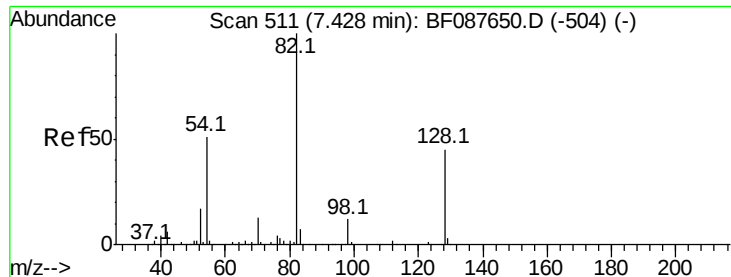
SOHIL  
6/6/2016 7:18:35 PM



#22  
Acetophenone  
Concen: 40.18 ng  
RT: 7.28 min Scan# 498  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 451516 |       |       |
| 71      | 9.1   | 5.3    | 7.9#  |       |
| 51      | 22.6  | 18.2   | 27.4  |       |
| 120     | 22.8  | 18.0   | 27.0  |       |





#23

Nitrobenzene-d5

Concen: 79.31 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

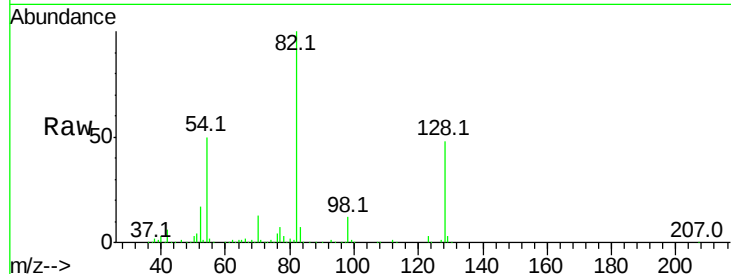
ClientSampleId :

PB90993BS

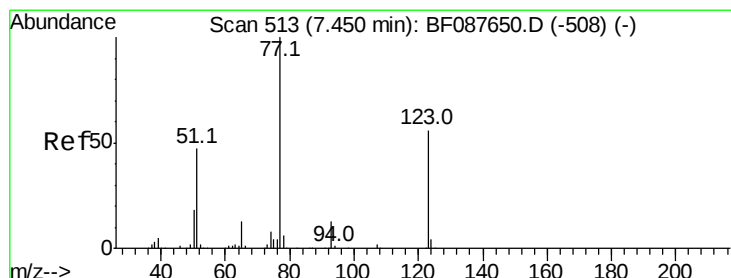
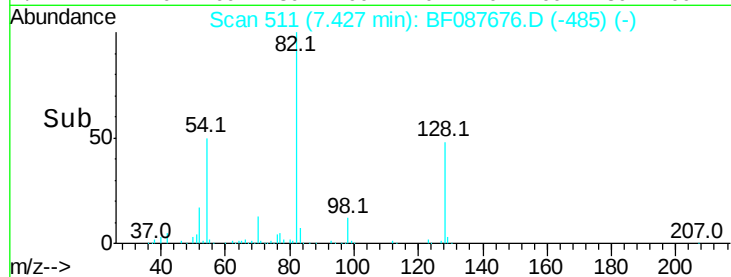
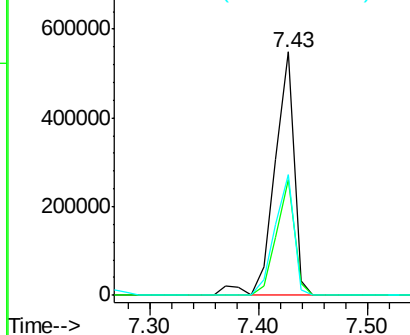
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 680049 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 47.7  | 35.9  | 53.9   |
| 54        | 49.7  | 40.9  | 61.3   |

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Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.36 ng

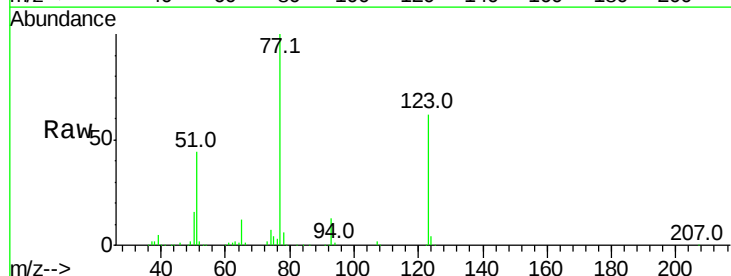
RT: 7.45 min Scan# 513

Delta R.T. -0.00 min

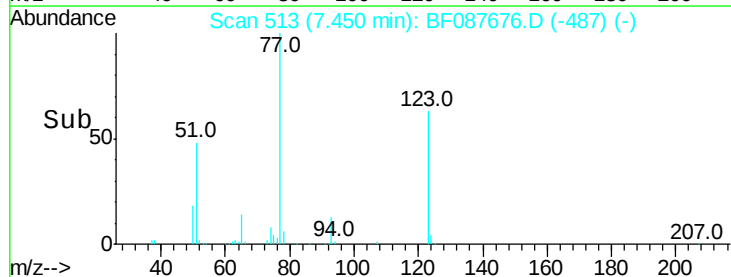
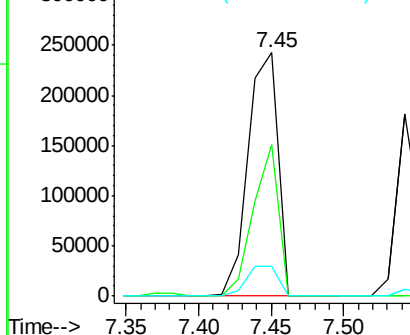
Lab File: BF087676.D

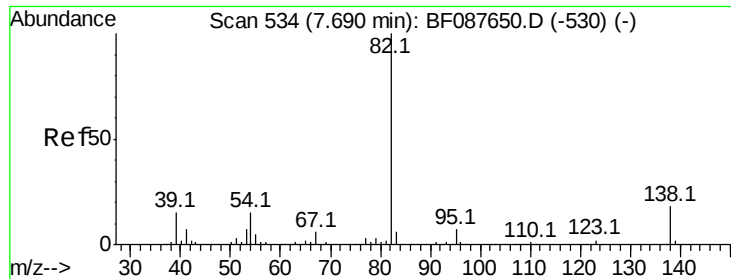
Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 346375 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 62.1  | 45.0  | 67.4   |
| 65        | 12.5  | 10.2  | 15.2   |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.85 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

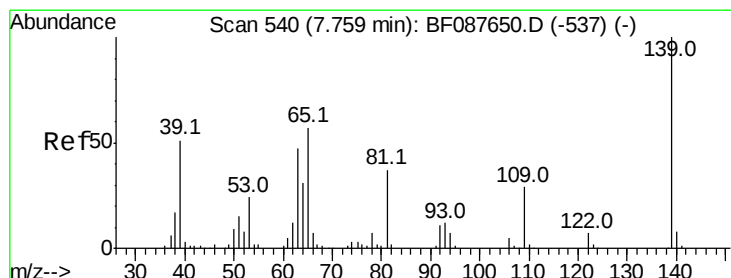
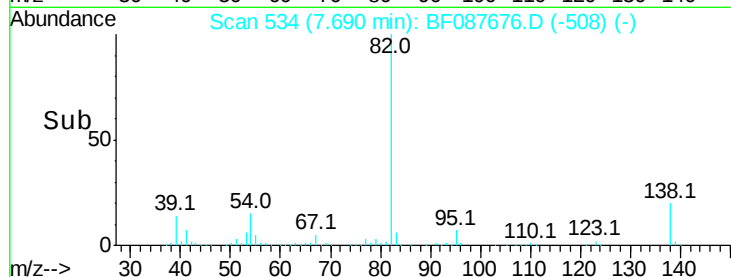
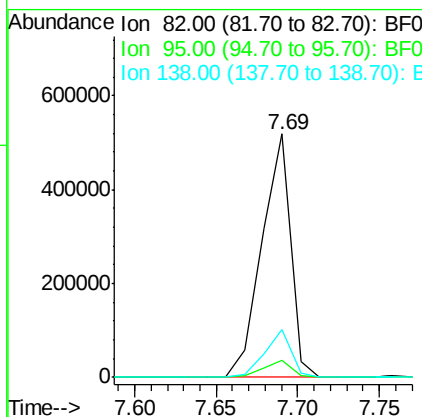
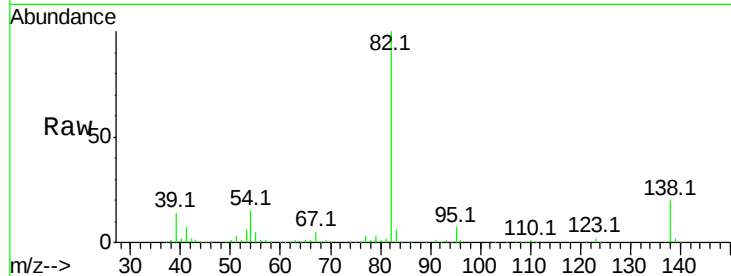
ClientSampleId :

PB90993BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 637681 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.0   | 5.4   | 8.2    |
| 138       | 19.7  | 14.6  | 21.8   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 41.31 ng

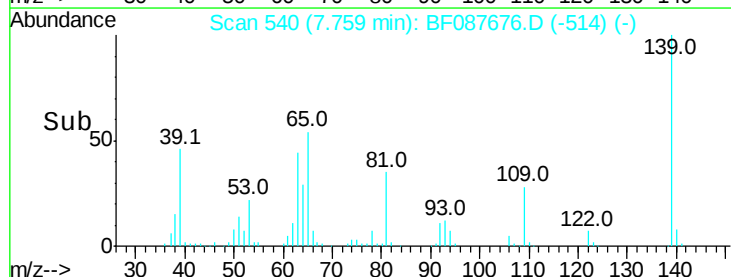
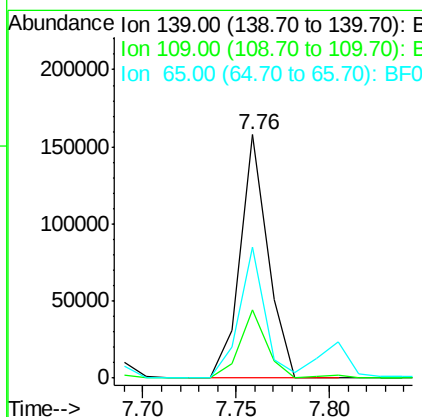
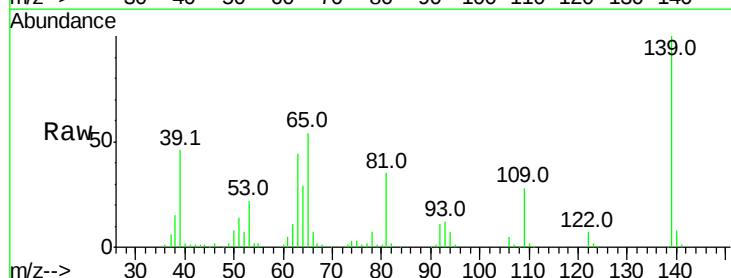
RT: 7.76 min Scan# 540

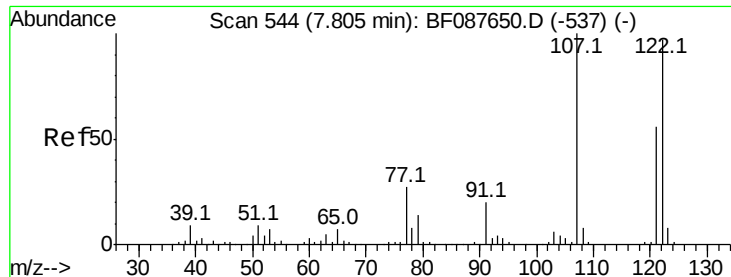
Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 164720 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.0  | 23.0  | 34.4   |
| 65        | 53.9  | 45.8  | 68.8   |





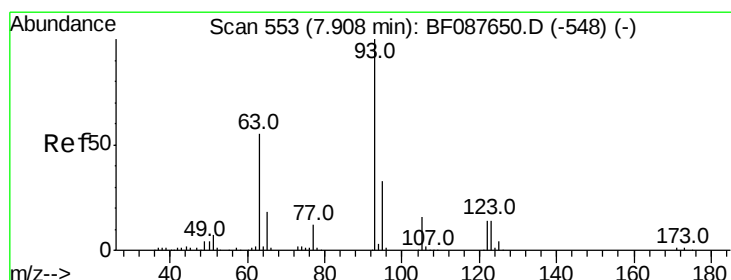
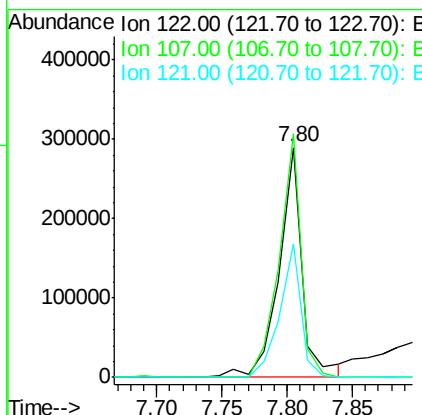
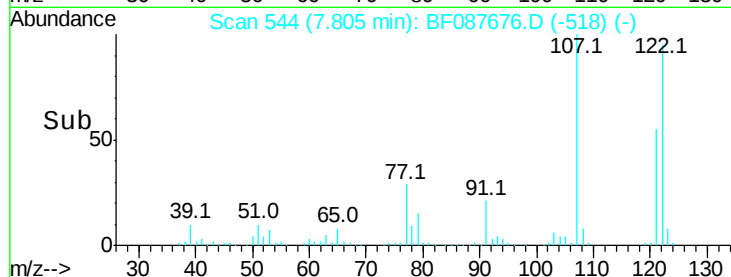
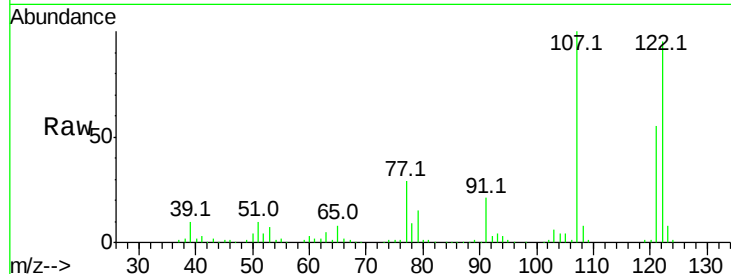
#27  
 2,4-Dimethylphenol  
 Concen: 43.84 ng  
 RT: 7.80 min Scan# 544  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 362271 |       |       |
| 107     | 105.8 | 82.4   | 123.6 |       |
| 121     | 58.2  | 46.3   | 69.5  |       |

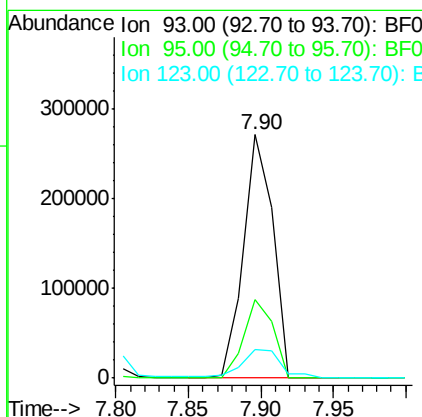
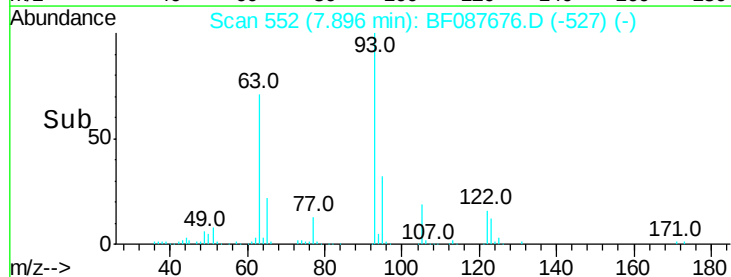
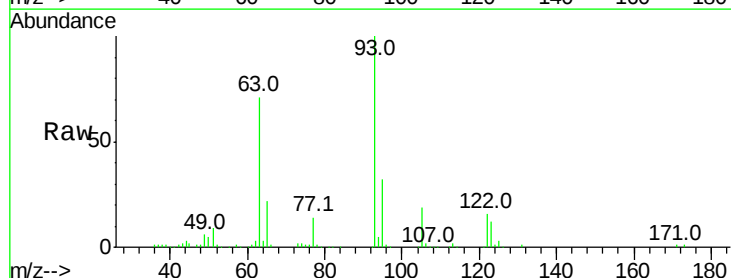
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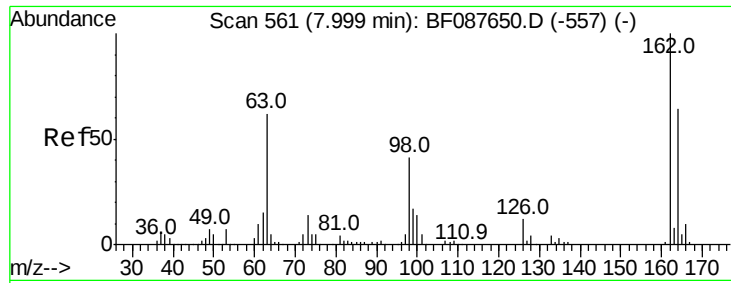
SOHIL  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.37 ng  
 RT: 7.90 min Scan# 552  
 Delta R.T. -0.01 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 379987 |       |       |
| 95      | 32.4  | 26.5   | 39.7  |       |
| 123     | 11.6  | 11.6   | 17.4# |       |





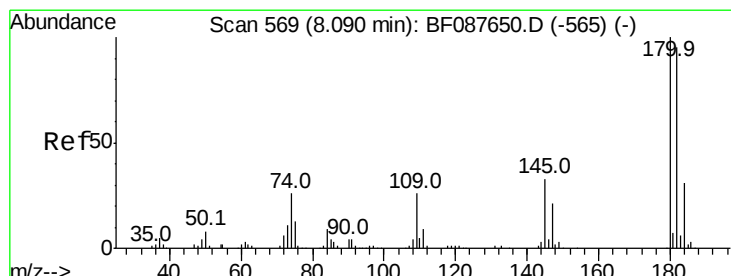
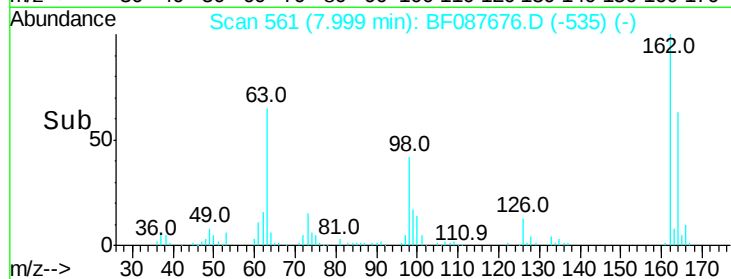
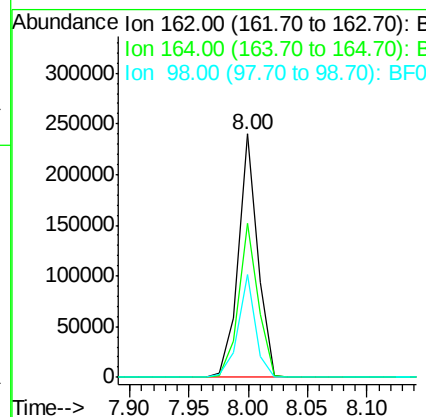
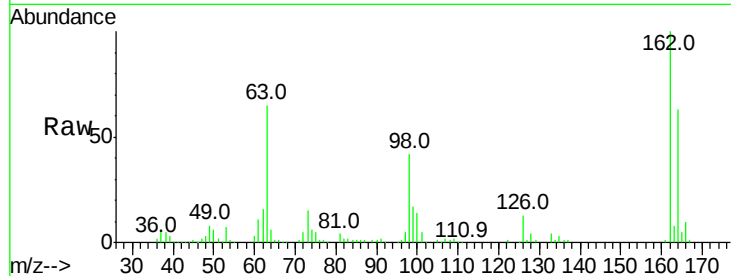
#29  
 2,4-Dichlorophenol  
 Concen: 40.33 ng  
 RT: 8.00 min Scan# 561  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.1  | 43.8       | 83.8       |
| 98      | 42.0  | 21.3       | 61.3       |

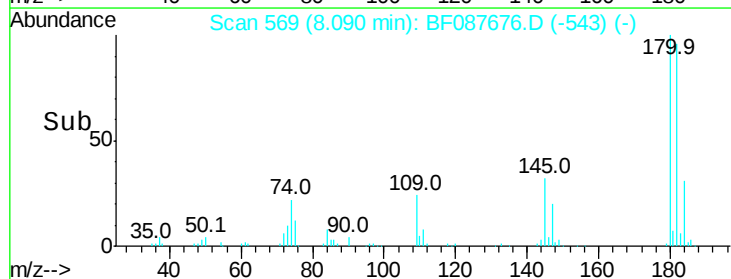
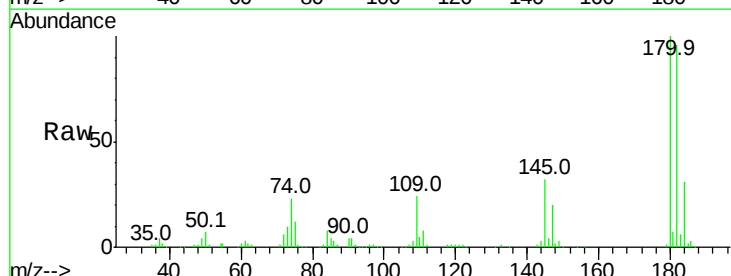
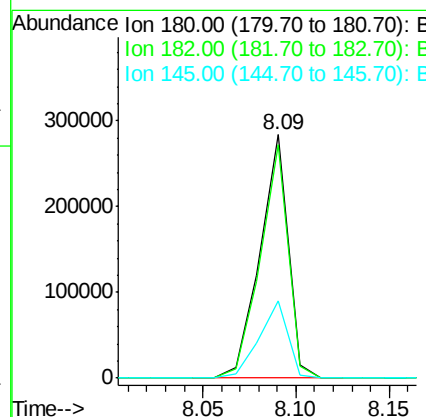
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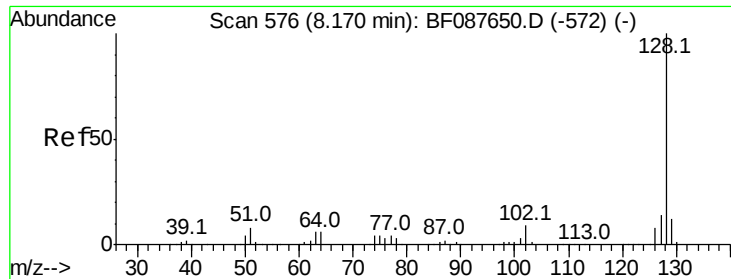
SOHIL  
 6/6/2016 7:18:35 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.51 ng  
 RT: 8.09 min Scan# 569  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.9  | 76.0       | 114.0      |
| 145     | 31.6  | 26.5       | 39.7       |





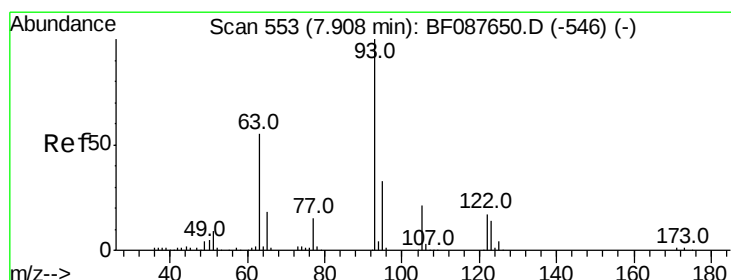
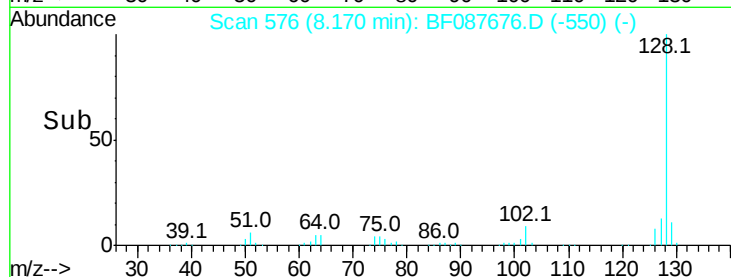
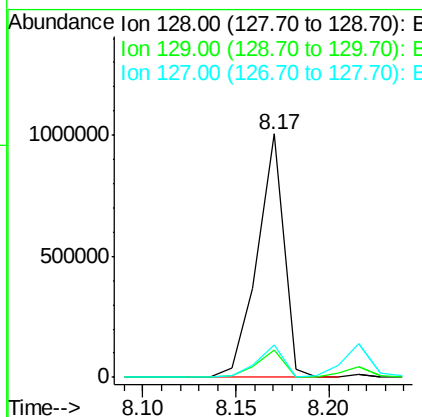
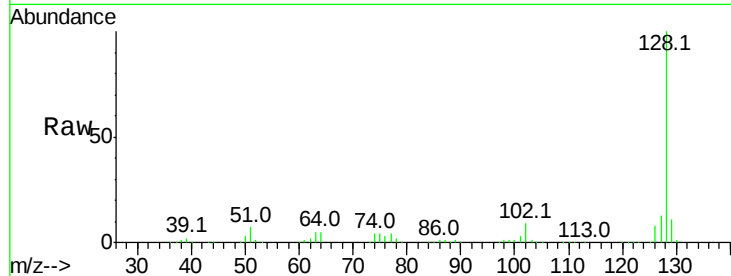
#31  
Naphthalene  
Concen: 41.28 ng  
RT: 8.17 min Scan# 576  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB90993BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 995679 |       |       |
| 129     | 11.4  |        | 9.4   | 14.2  |
| 127     | 13.5  |        | 10.9  | 16.3  |

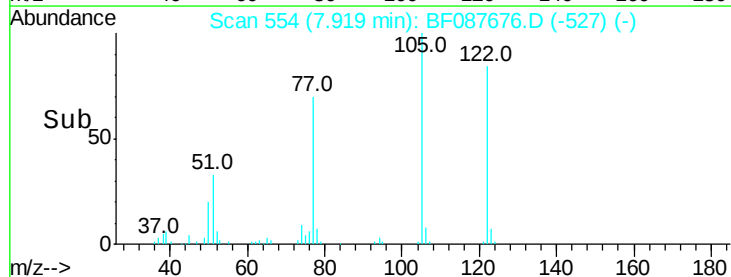
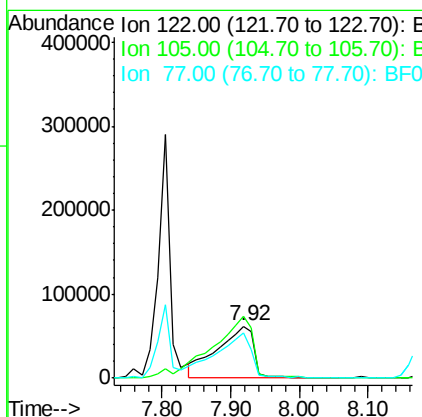
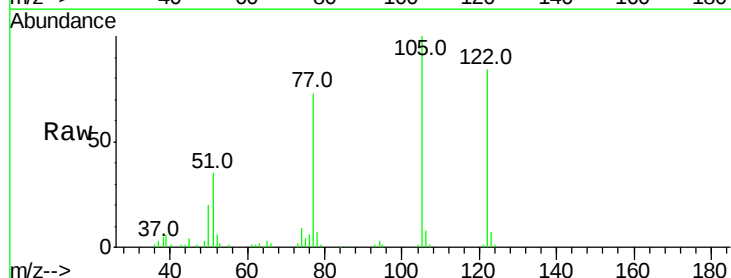
Manual Integrations  
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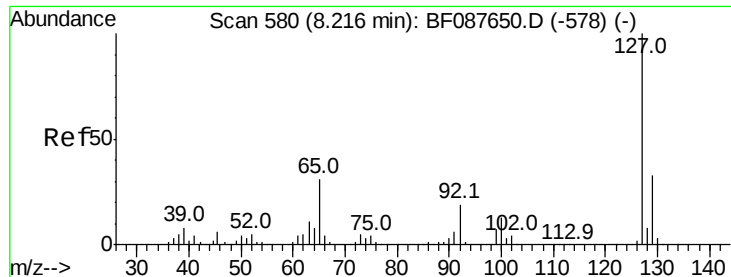
SOHIL  
6/6/2016 7:18:35 PM



#32  
Benzoic acid  
Concen: 46.48 ng  
RT: 7.92 min Scan# 554  
Delta R.T. 0.01 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 231712 |       |       |
| 105     | 119.2 |        | 101.6 | 141.6 |
| 77      | 87.6  |        | 70.6  | 110.6 |





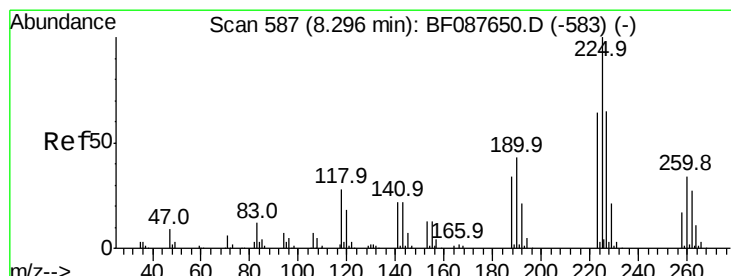
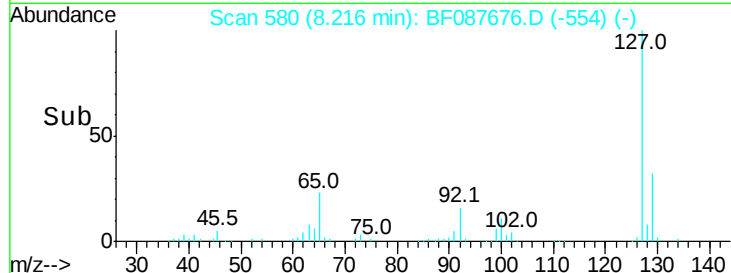
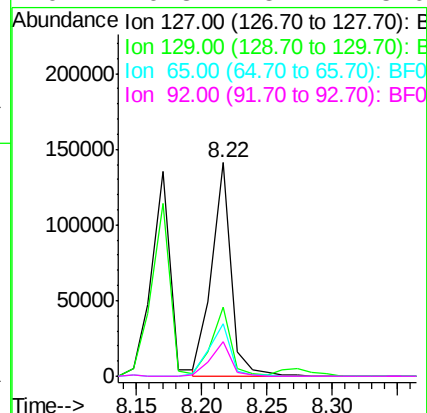
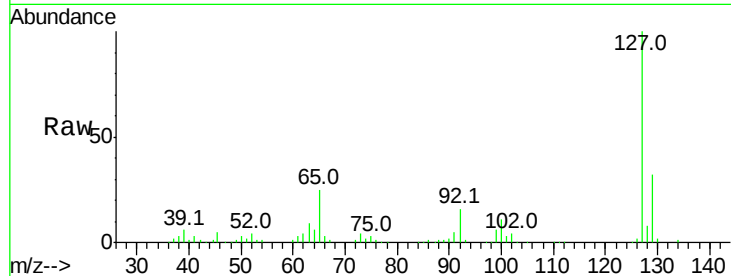
#33  
4-Chloroaniline  
Concen: 14.07 ng  
RT: 8.22 min Scan# 580  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB90993BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.2 | 26.3  | 39.5 |       |       |
| 65      | 24.8 | 24.7  | 37.1 |       |       |
| 92      | 16.3 | 15.4  | 23.0 |       |       |

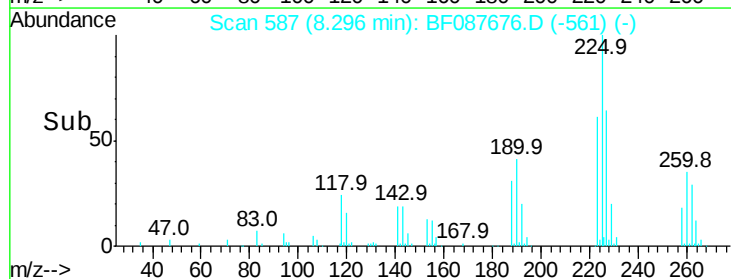
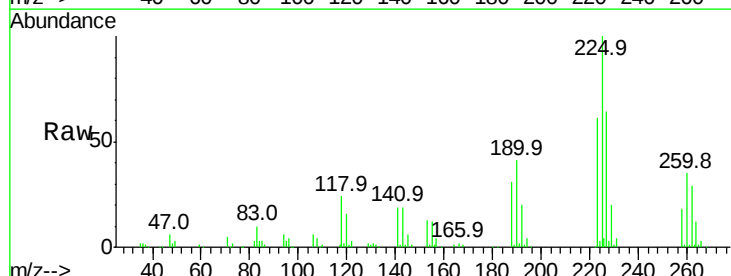
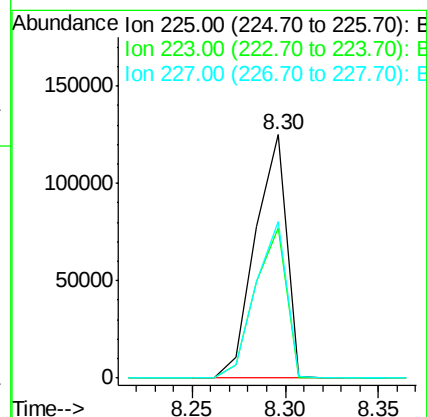
Manual Integrations  
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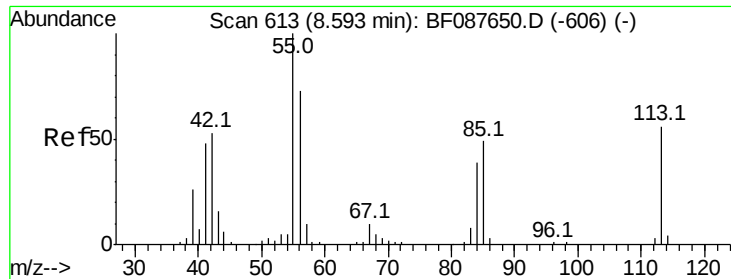
SOHIL  
6/6/2016 7:18:35 PM



#34  
Hexachlorobutadiene  
Concen: 39.82 ng  
RT: 8.30 min Scan# 587  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.5 | 50.9  | 76.3 |       |       |
| 227     | 64.5 | 51.9  | 77.9 |       |       |





#35

Caprolactam

Concen: 43.00 ng/mL

RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

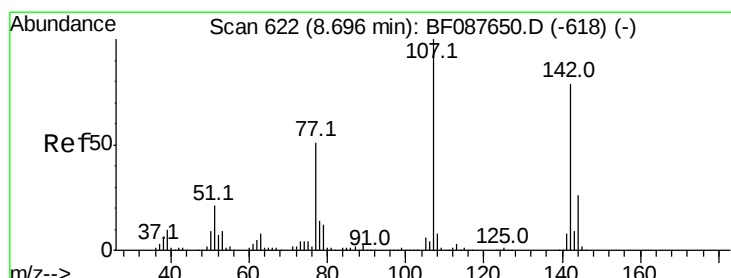
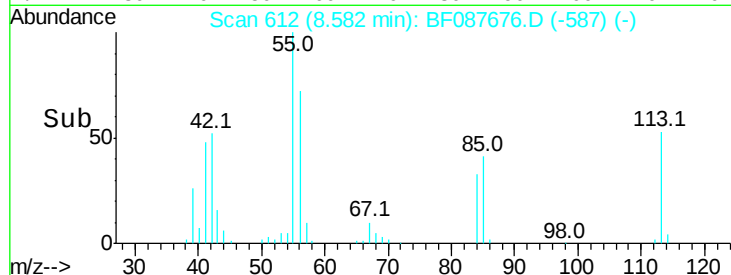
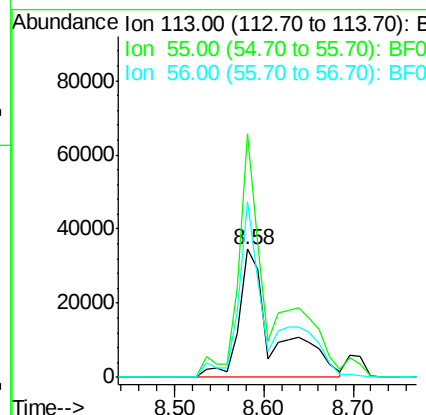
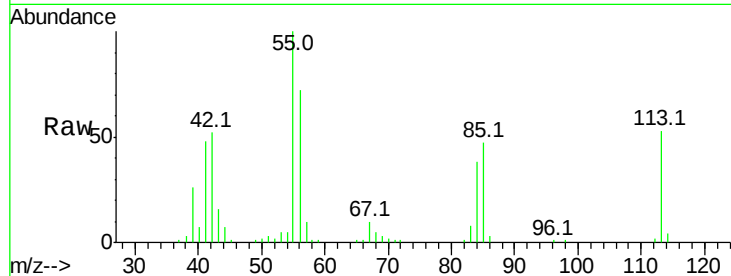
ClientSampleId :

PB90993BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 95870 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 190.1 | 158.6 | 198.6 |
| 56        | 137.7 | 110.6 | 150.6 |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 43.99 ng/mL

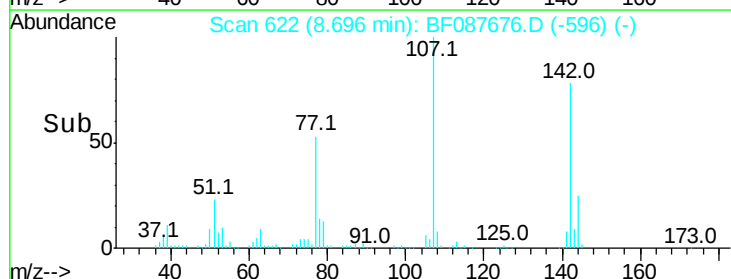
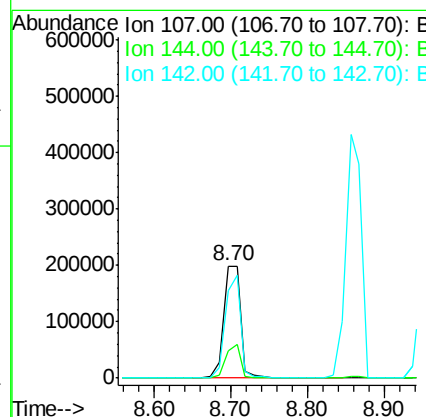
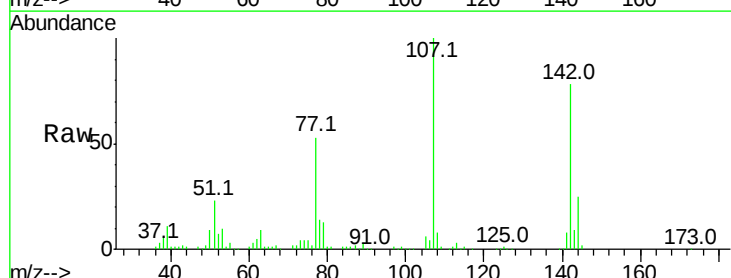
RT: 8.70 min Scan# 622

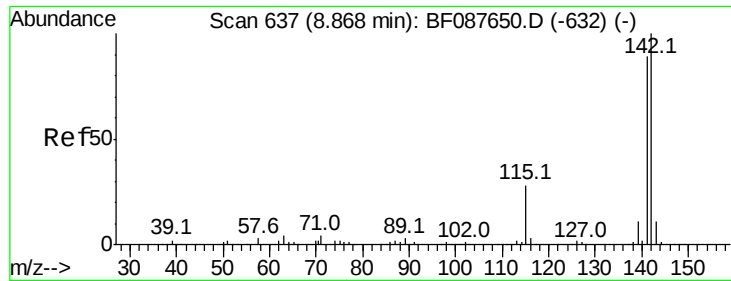
Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 308831 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 24.5  | 20.8  | 31.2   |
| 142       | 78.0  | 63.4  | 95.2   |





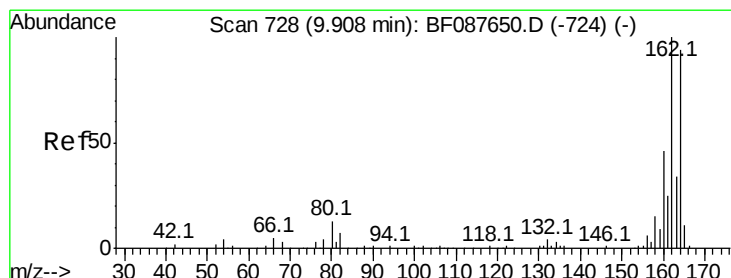
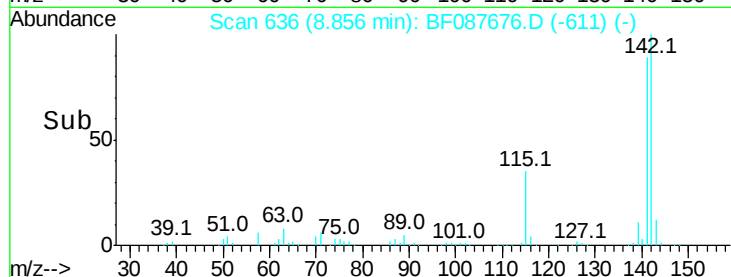
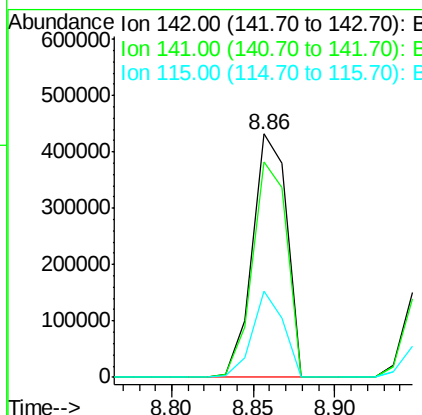
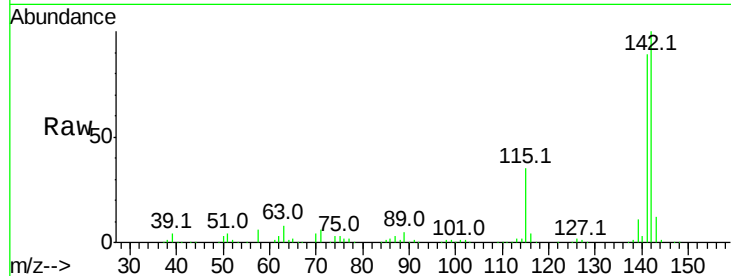
#37  
2-Methylnaphthalene  
Concen: 39.57 ng  
RT: 8.86 min Scan# 636  
Delta R.T. -0.01 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB90993BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.7  | 71.0  | 106.6 |
| 115     | 35.4  | 22.6  | 33.8  |

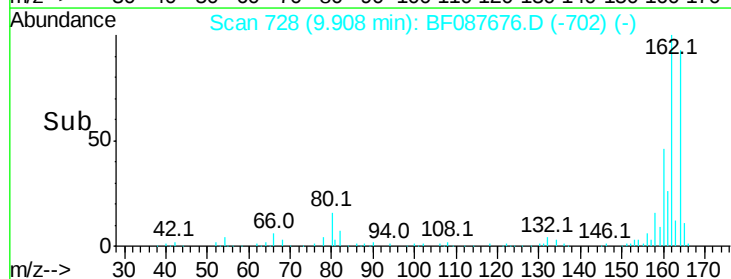
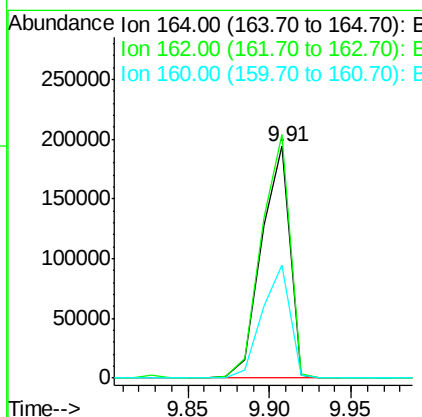
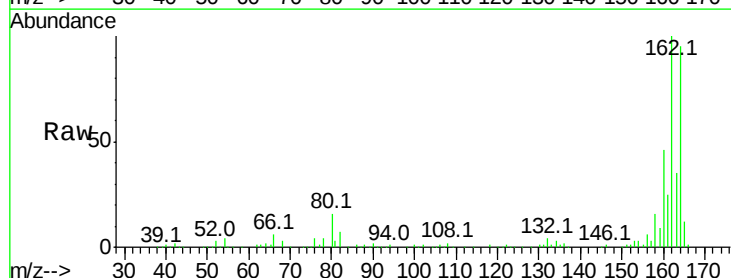
Manual Integrations  
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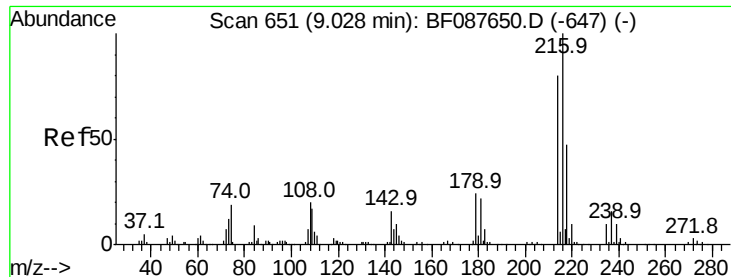
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.91 min Scan# 728  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.1 | 85.4  | 128.2 |
| 160     | 48.6  | 39.5  | 59.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.16 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

ClientSampleId :

PB90993BS

Manual Integrations  
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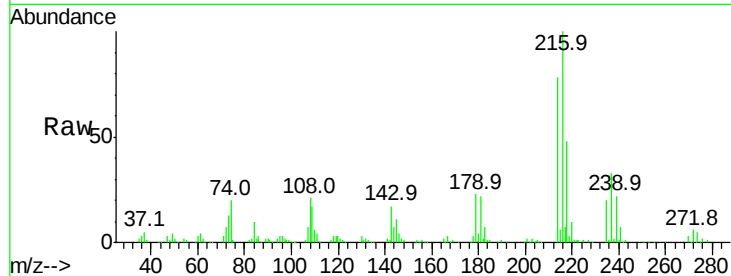
Tot Ion:216 Resp: 251872  
Ion Ratio Lower Upper

216 100

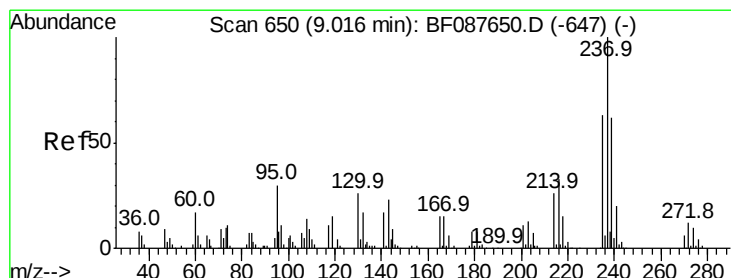
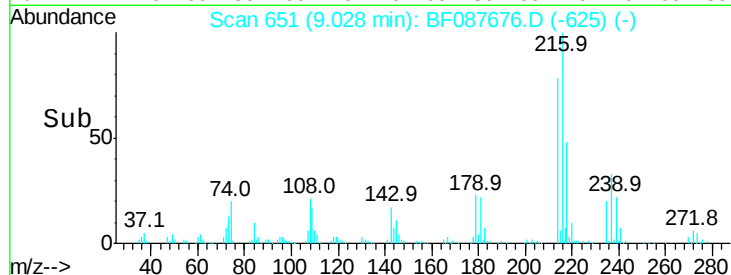
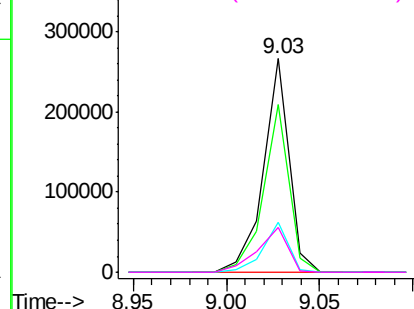
214 78.5 2.9 4.3#

179 23.0 0.0 0.0#

108 24.8 0.5 0.7#



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



#40

Hexachlorocyclopentadiene

Concen: 76.15 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087676.D

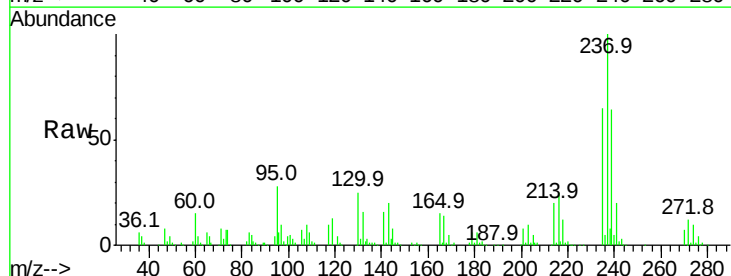
Acq: 4 Jun 2016 20:17

Tgt Ion:237 Resp: 288064  
Ion Ratio Lower Upper

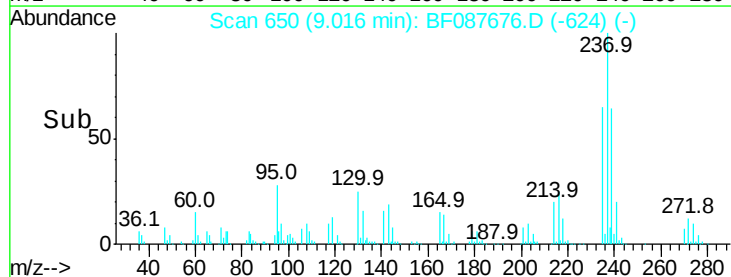
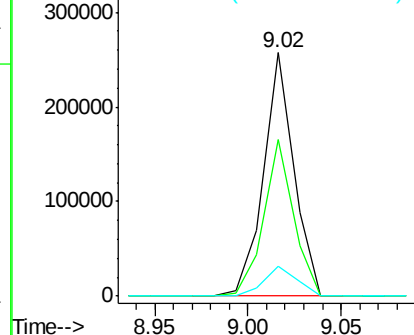
237 100

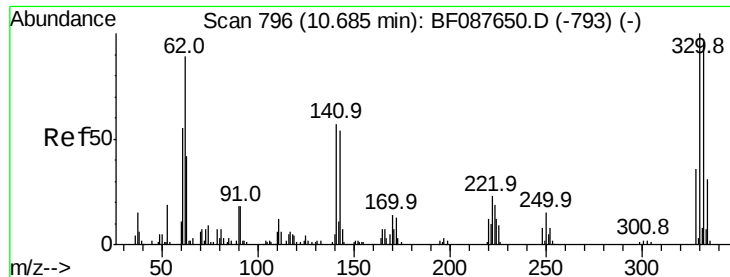
235 64.6 43.4 83.4

272 12.4 0.0 32.3



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





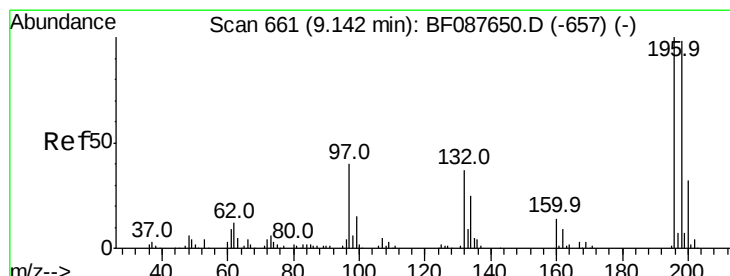
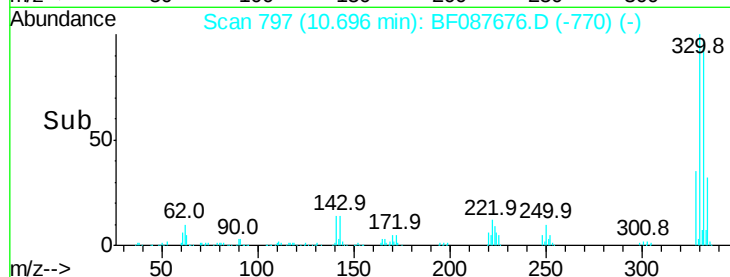
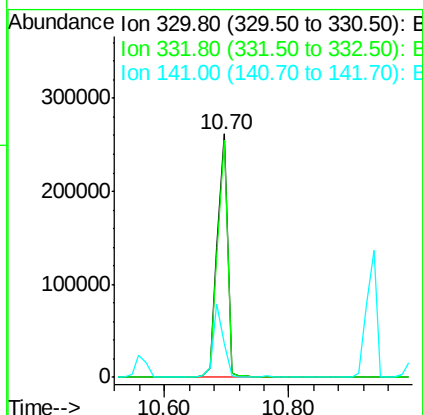
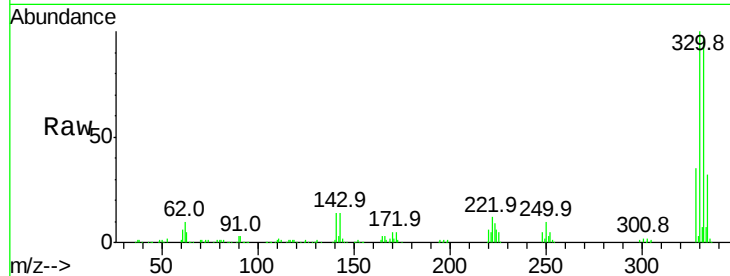
#41  
 2,4,6-Tribromophenol  
 Concen: 125.90 ng  
 RT: 10.70 min Scan# 797  
 Delta R.T. 0.01 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 96.1  | 0.0        | 0.0#  |
| 141     | 30.3  | 0.0        | 0.0#  |

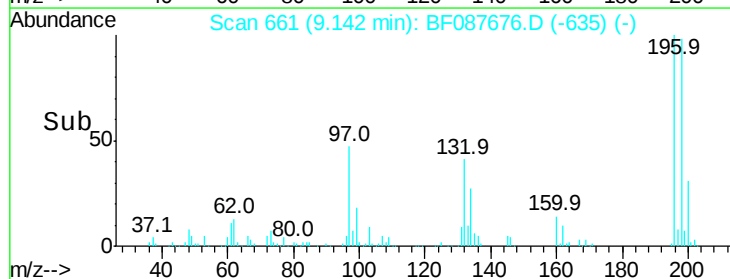
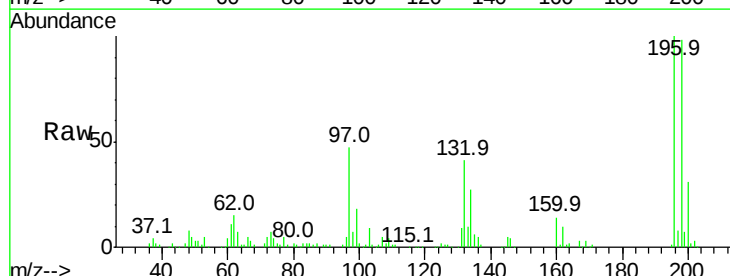
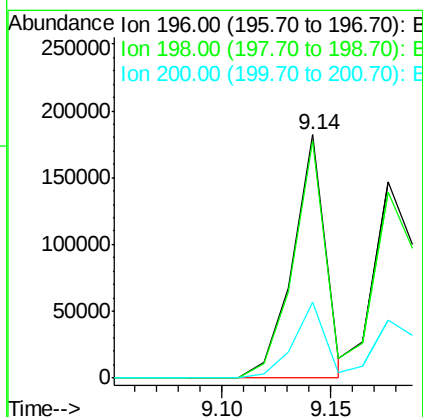
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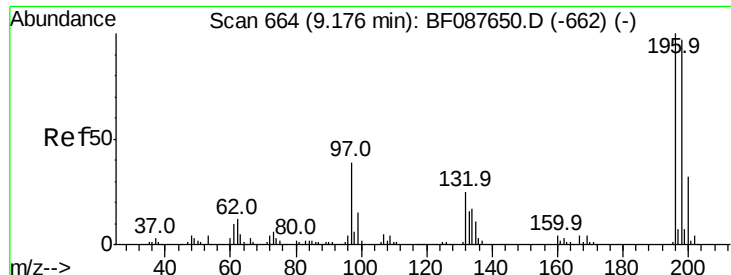
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#42  
 2,4,6-Trichlorophenol  
 Concen: 39.06 ng  
 RT: 9.14 min Scan# 661  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 97.5  | 78.0       | 117.0 |
| 200     | 31.1  | 25.4       | 38.2  |





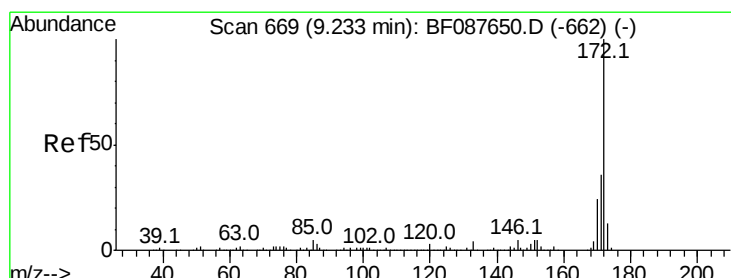
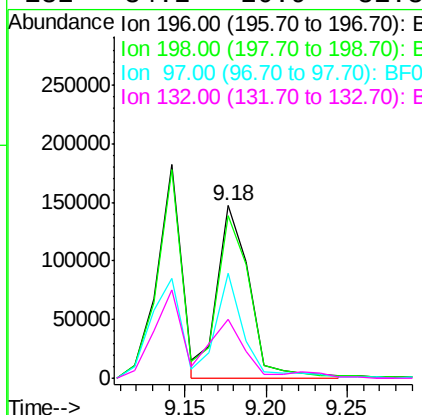
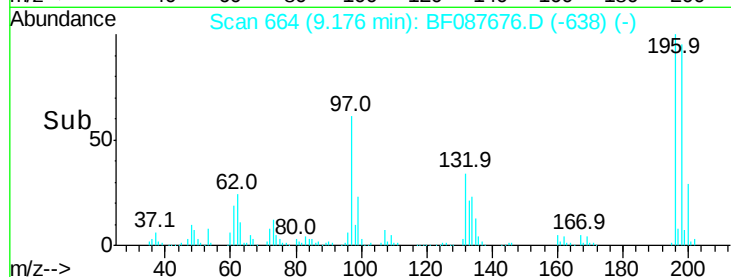
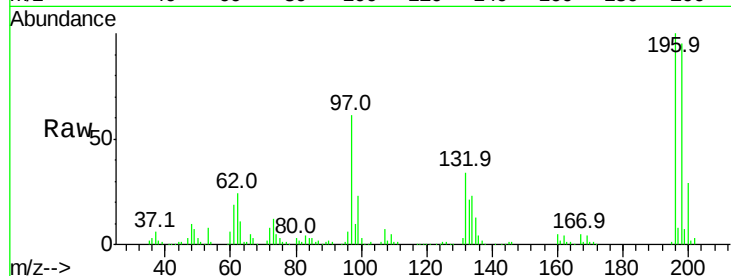
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.77 ng/mL  
 RT: 9.18 min Scan# 664  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

| Tot Ion   | 196   | Resp  | 206874 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.5  | 77.5  | 116.3  |
| 97        | 60.6  | 32.0  | 48.0#  |
| 132       | 34.2  | 20.9  | 31.3#  |

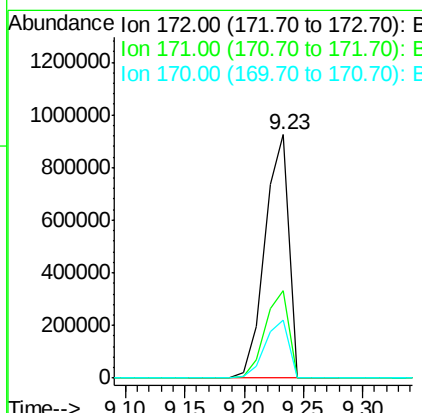
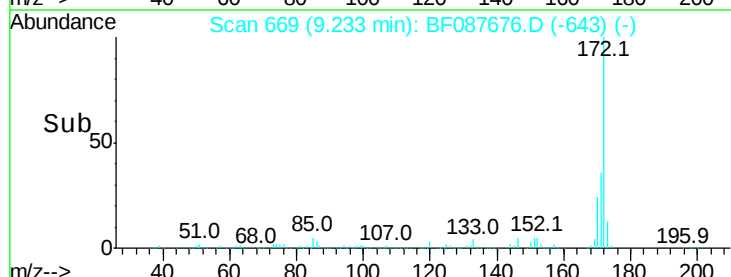
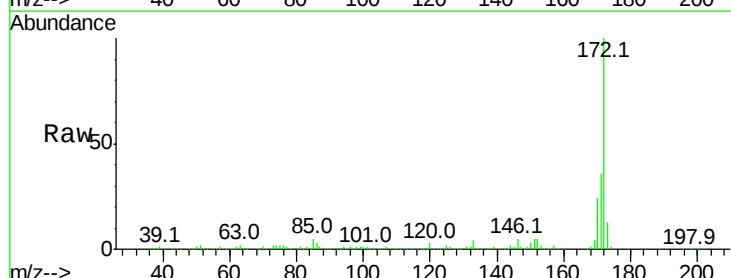
Manual Integrations  
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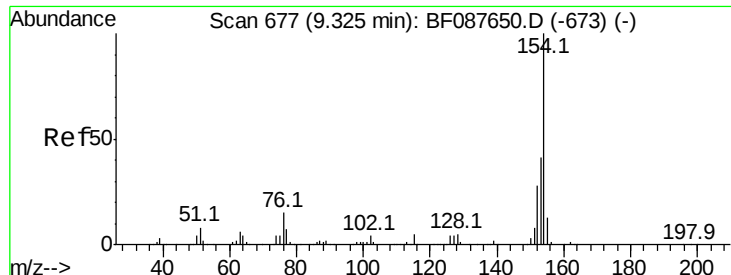
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#44  
 2-Fluorobiphenyl  
 Concen: 84.86 ng/mL  
 RT: 9.23 min Scan# 669  
 Delta R.T. 0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

| Tgt Ion   | 172   | Resp  | 1290913 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 35.7  | 28.6  | 43.0    |
| 170       | 24.1  | 19.2  | 28.8    |





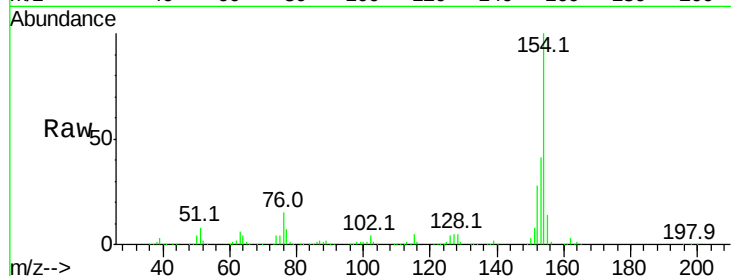
#45  
 1,1'-Biphenyl  
 Concen: 37.46 ng  
 RT: 9.32 min Scan# 677  
 Delta R.T. 0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 709417 |       |       |
| 153     | 40.8  | 20.6   | 60.6  |       |
| 76      | 15.1  | 0.0    | 35.1  |       |

Manual Integrations  
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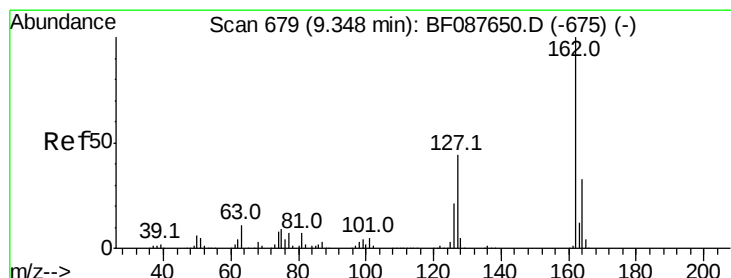
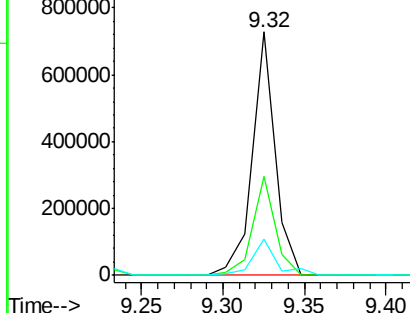
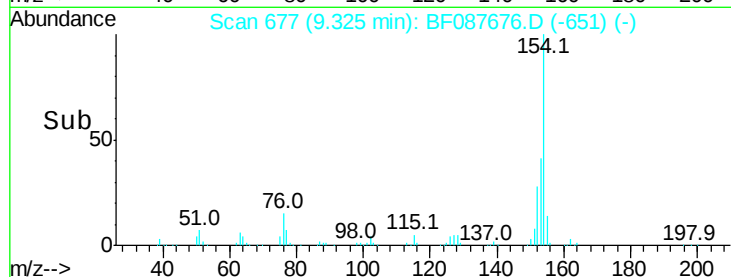


Abundance

Ion 154.00 (153.70 to 154.70): E

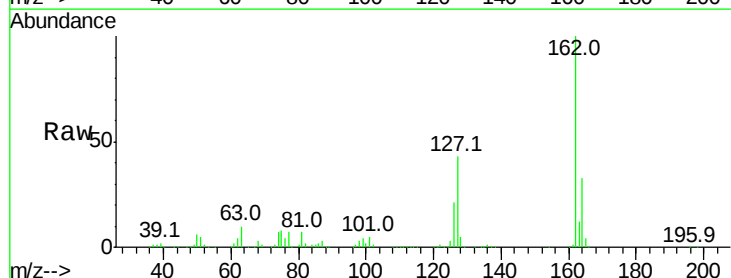
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46  
 2-Chloronaphthalene  
 Concen: 37.85 ng  
 RT: 9.35 min Scan# 679  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 570600 |       |       |
| 127     | 43.3  | 35.2   | 52.8  |       |
| 164     | 33.3  | 26.6   | 39.8  |       |

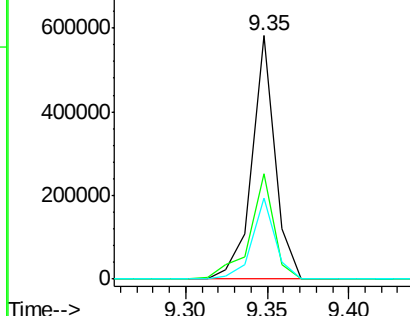
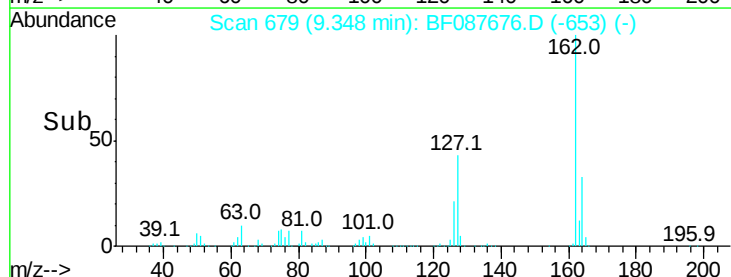


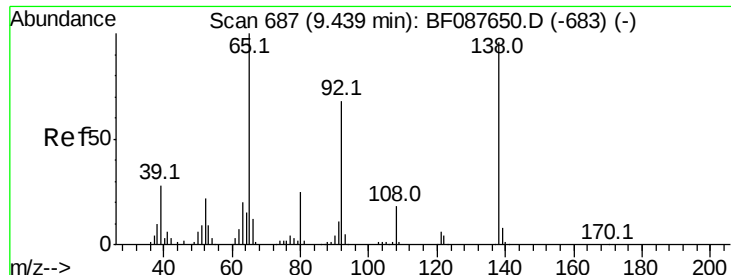
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.84 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

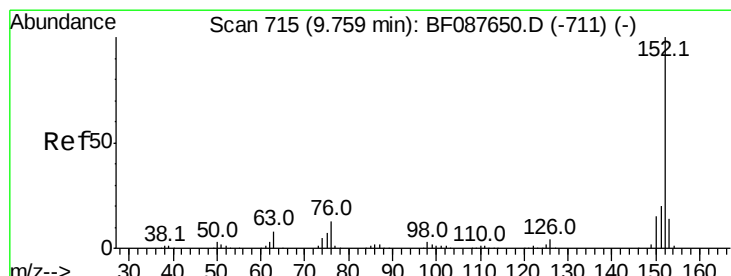
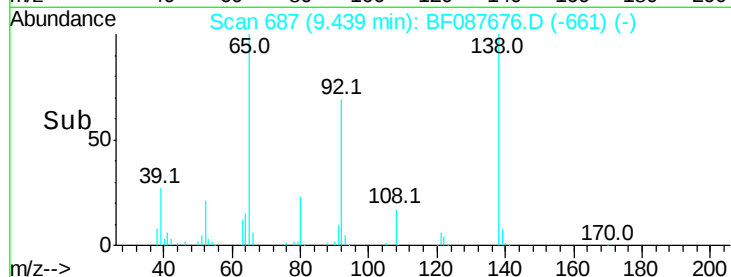
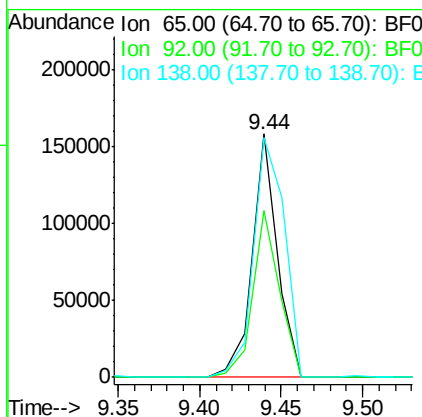
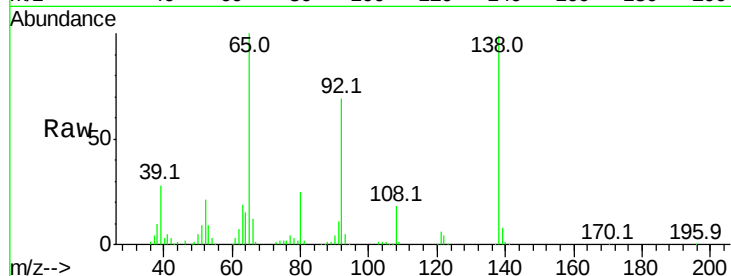
ClientSampleId :

PB90993BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 169135 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 68.7  | 54.6  | 82.0   |
| 138       | 98.7  | 77.0  | 115.4  |

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#48

Acenaphthylene

Concen: 41.77 ng

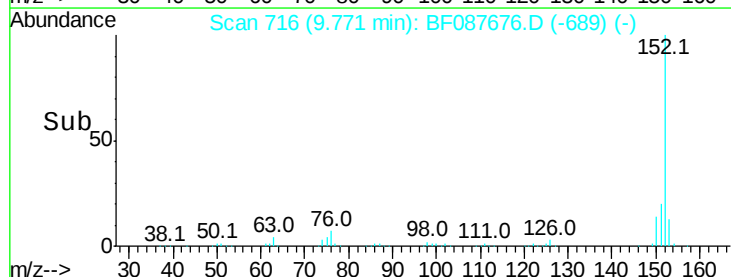
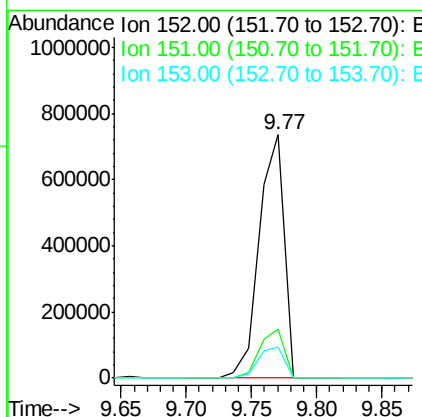
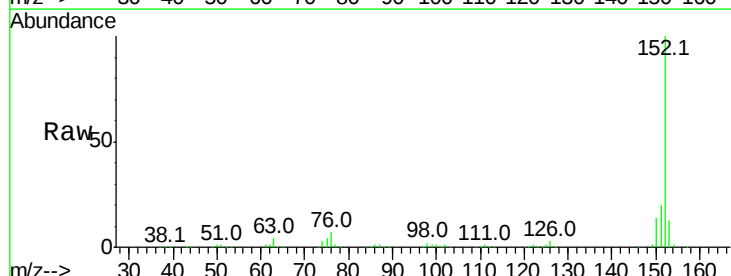
RT: 9.77 min Scan# 716

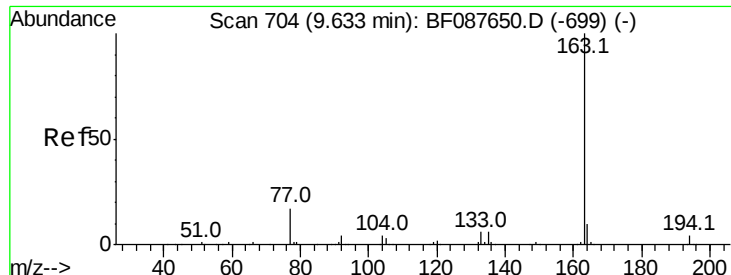
Delta R.T. 0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 981925 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.3  | 16.2  | 24.4   |
| 153       | 12.9  | 11.0  | 16.6   |





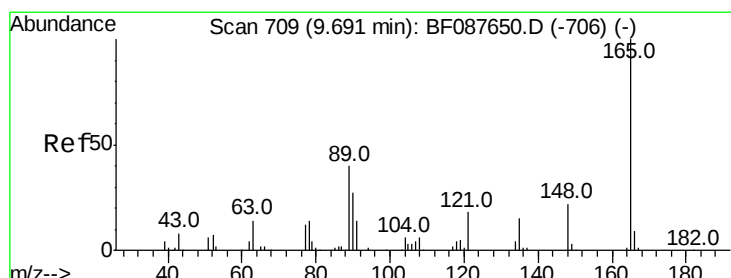
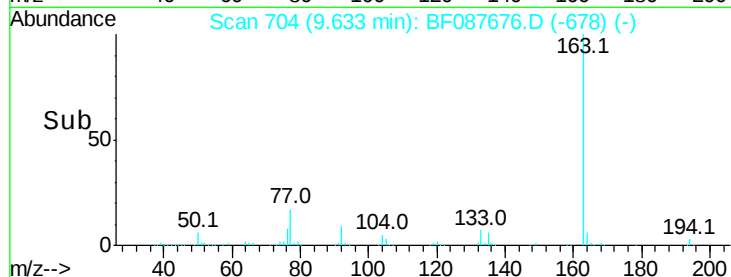
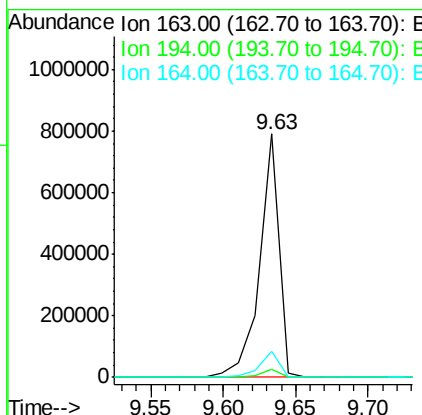
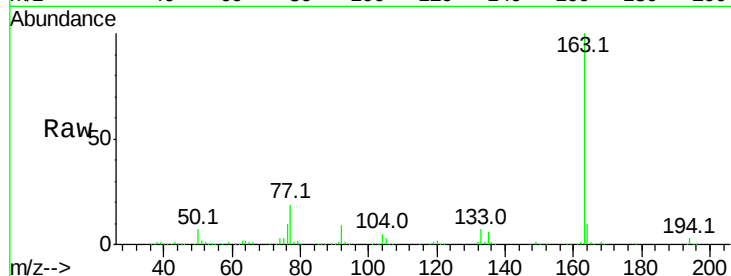
#49  
Dimethylphthalate  
Concen: 43.25 ng  
RT: 9.63 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampled :  
PB90993BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.4   | 2.8        | 4.2        |
| 164     | 10.4  | 8.3        | 12.5       |

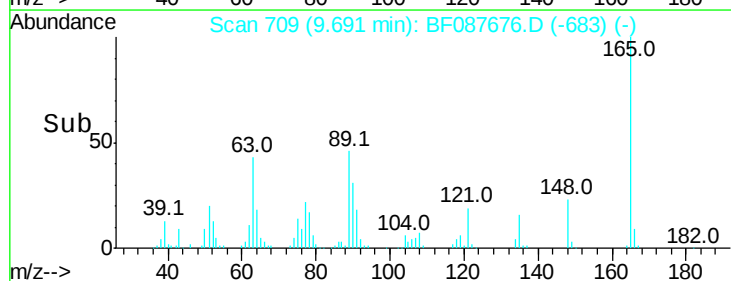
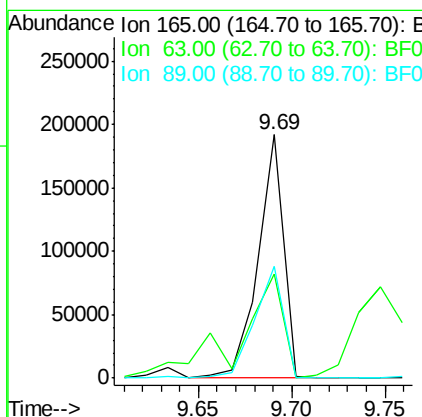
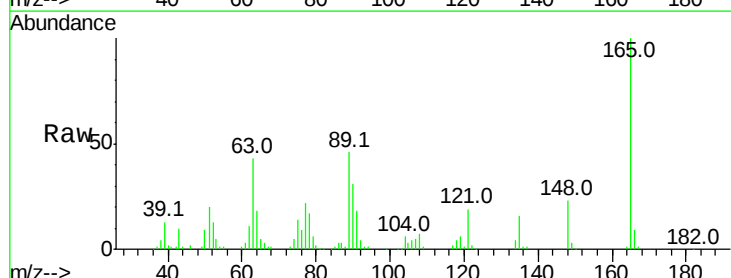
Manual Integrations  
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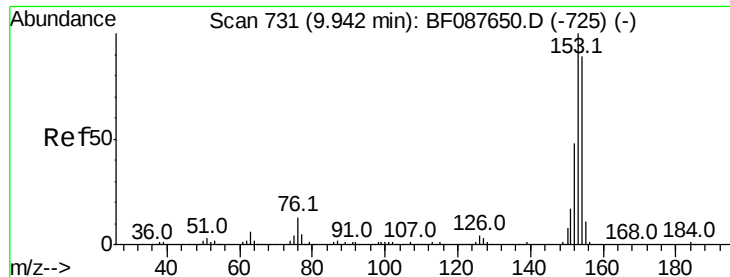
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#50  
2,6-Dinitrotoluene  
Concen: 46.53 ng  
RT: 9.69 min Scan# 709  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 42.6  | 28.1       | 42.1#      |
| 89      | 45.8  | 32.2       | 48.2       |





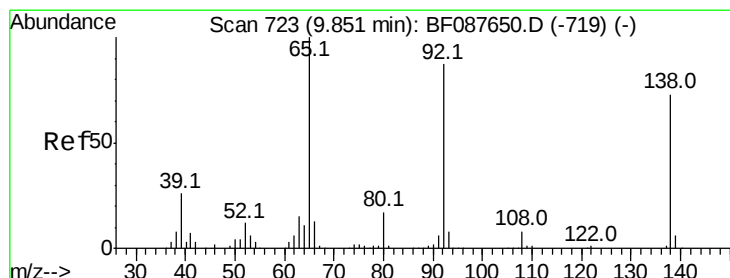
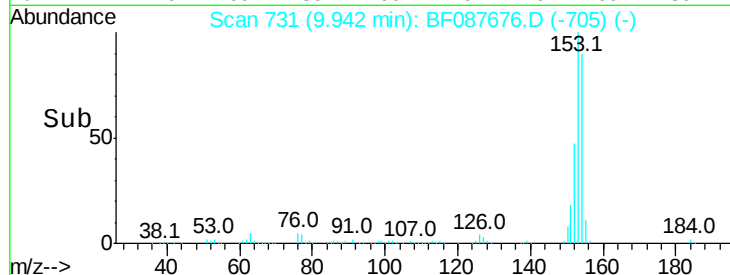
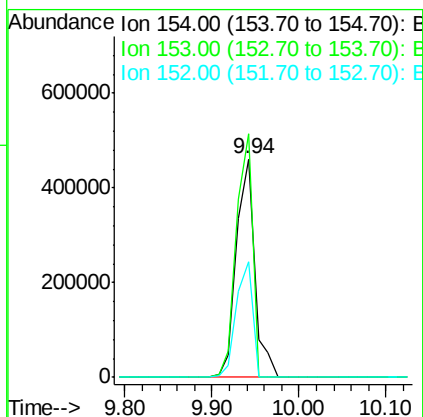
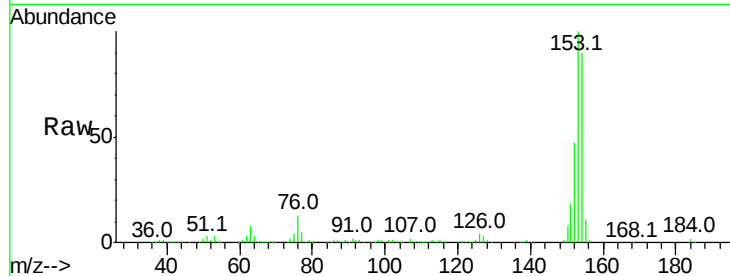
#51  
Acenaphthene  
Concen: 44.84 ng  
RT: 9.94 min Scan# 731  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB90993BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.5 | 89.5  | 134.3 |
| 152     | 52.8  | 42.7  | 64.1  |

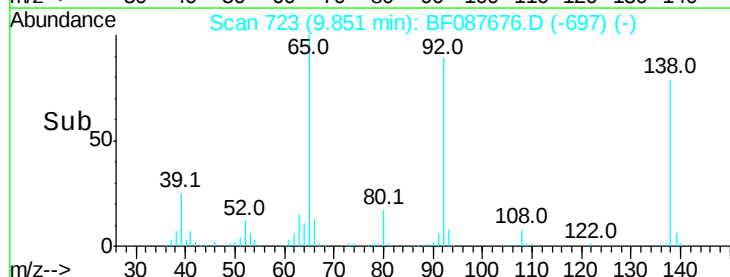
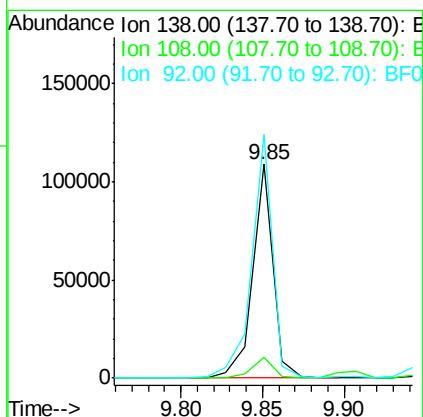
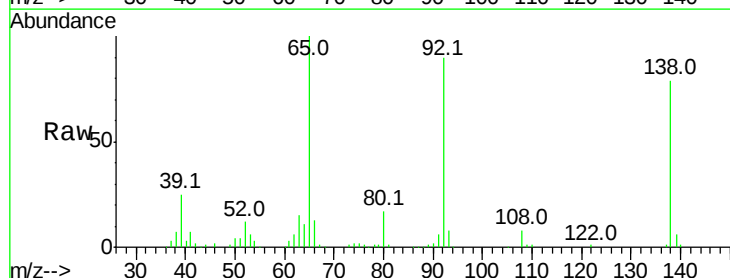
Manual Integrations  
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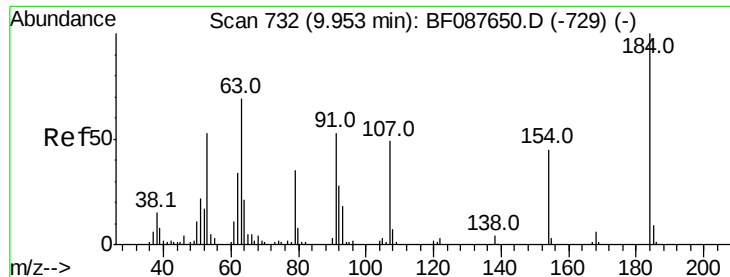
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#52  
3-Nitroaniline  
Concen: 21.31 ng  
RT: 9.85 min Scan# 723  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.9   | 8.5   | 12.7  |
| 92      | 113.8 | 95.7  | 143.5 |





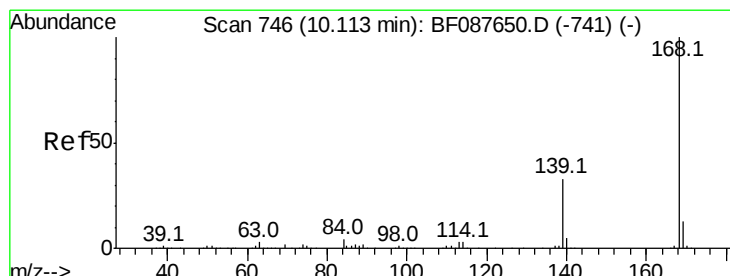
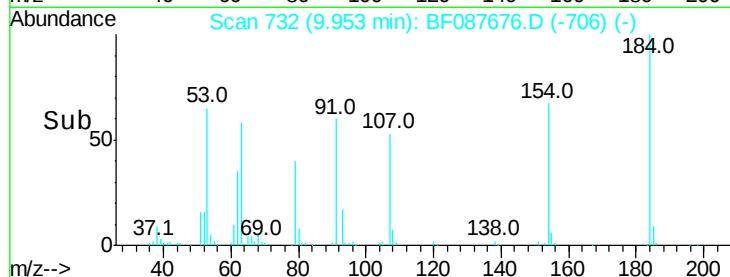
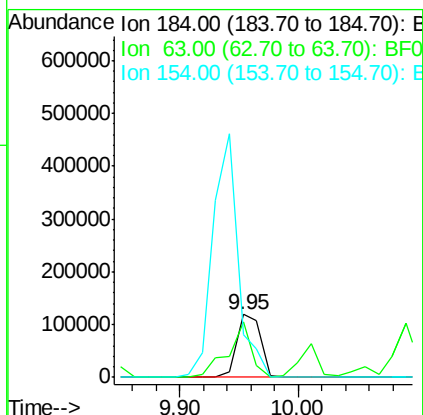
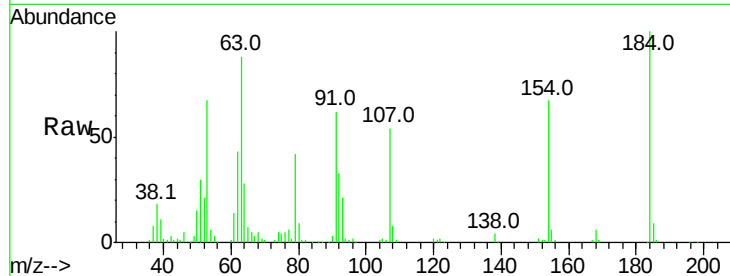
#53  
2,4-Dinitrophenol  
Concen: 94.62 ng  
RT: 9.95 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampled :  
PB90993BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 167052 |       |       |
| 63      | 88.0  | 57.6   | 86.4# |       |
| 154     | 67.5  | 53.5   | 80.3  |       |

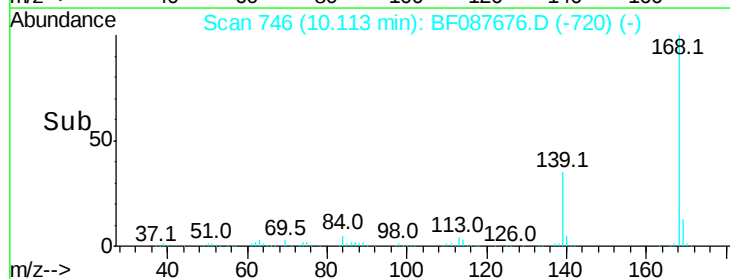
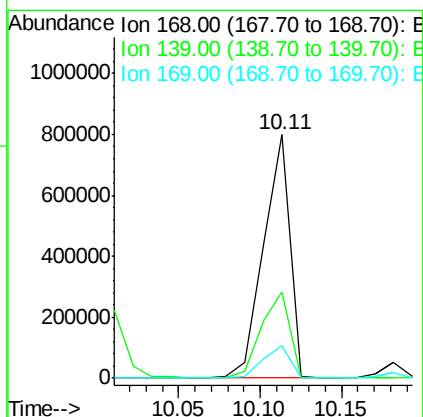
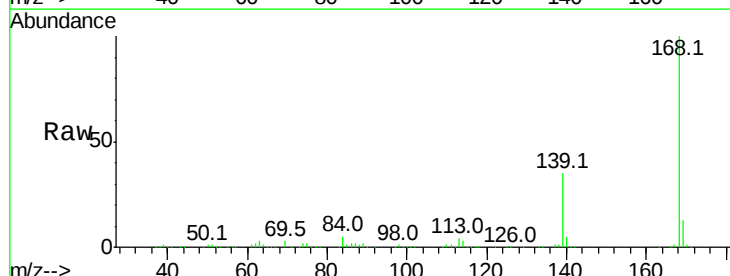
Manual Integrations  
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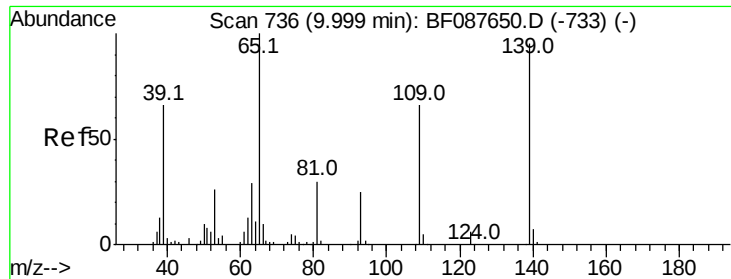
SOHIL  
6/6/2016 7:18:35 PM



#54  
Dibenzofuran  
Concen: 43.57 ng  
RT: 10.11 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 897265 |       |       |
| 139     | 35.3  | 26.4   | 39.6  |       |
| 169     | 13.3  | 10.4   | 15.6  |       |





#55

4-Nitrophenol

Concen: 66.30 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

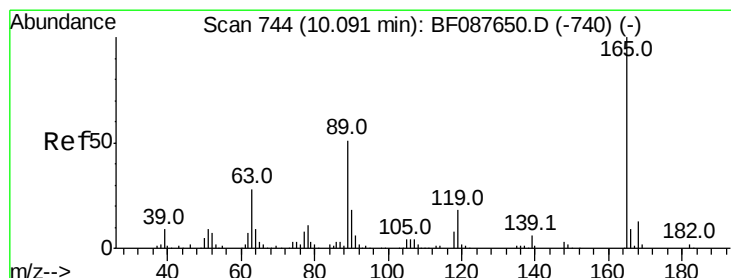
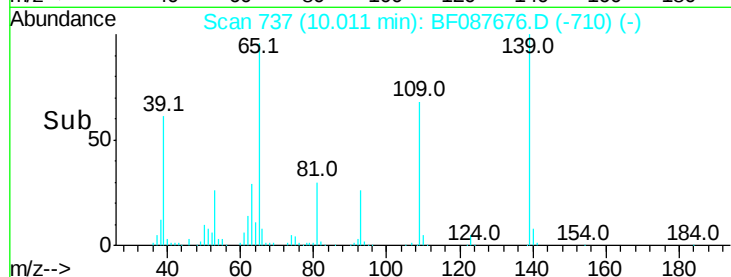
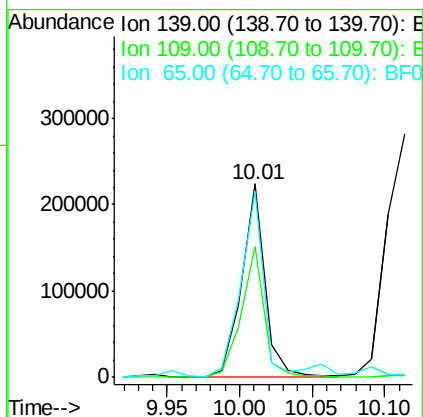
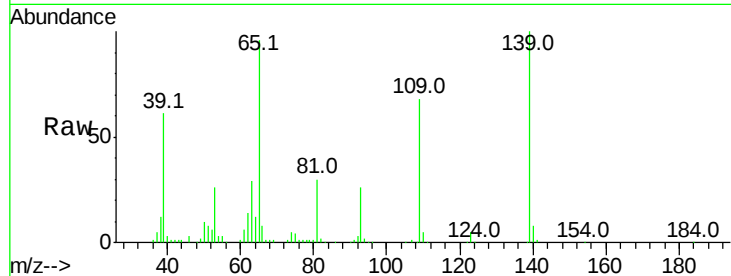
ClientSampleId :

PB90993BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 250185 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 68.0  | 48.9  | 88.9   |
| 65        | 96.1  | 84.9  | 124.9  |

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6/6/2016 7:18:35 PM



#56

2,4-Dinitrotoluene

Concen: 46.16 ng

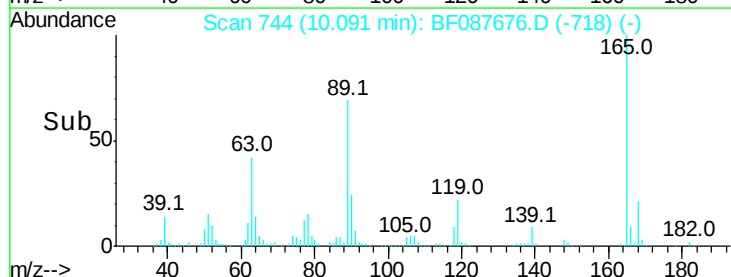
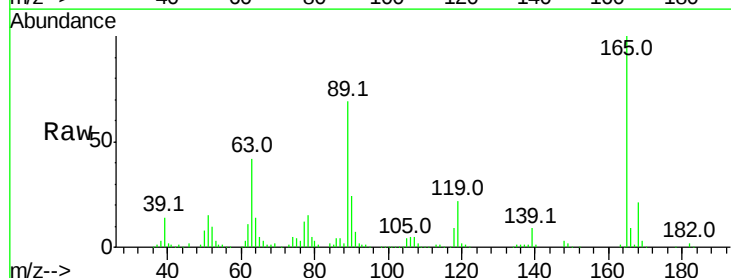
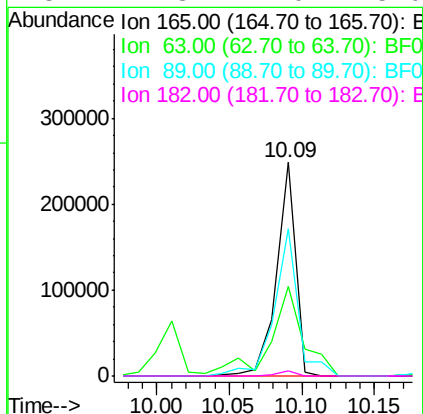
RT: 10.09 min Scan# 744

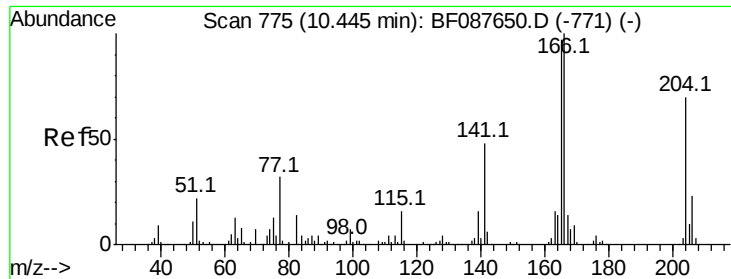
Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 226891 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 41.7  | 22.0  | 33.0#  |
| 89        | 69.1  | 41.1  | 61.7#  |
| 182       | 2.3   | 2.0   | 3.0    |





#57

Fluorene

Concen: 39.36 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

ClientSampleId :

PB90993BS

Tot Ion:166 Resp: 633703

Ion Ratio Lower Upper

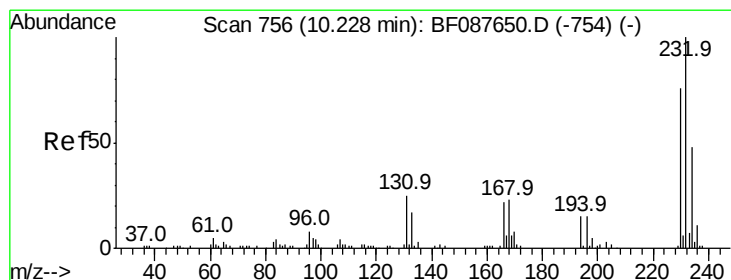
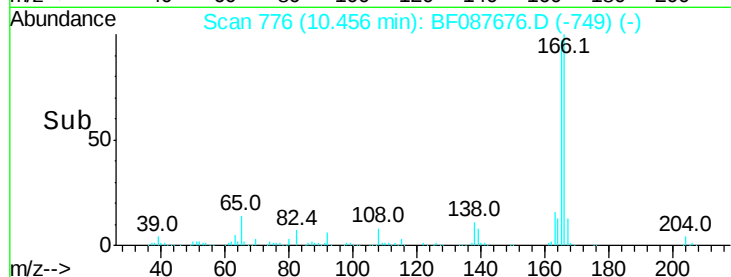
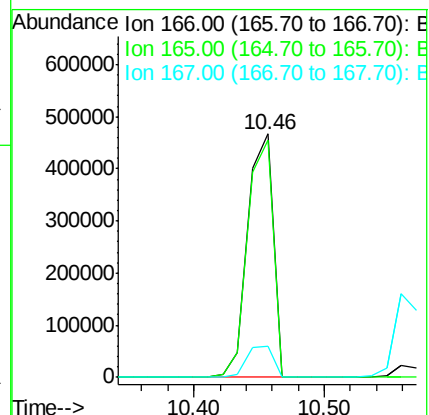
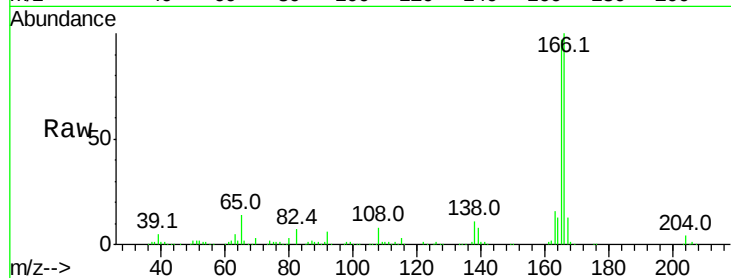
166 100

165 97.4 77.8 116.8

167 13.0 11.2 16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.26 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Tgt Ion:232 Resp: 172327

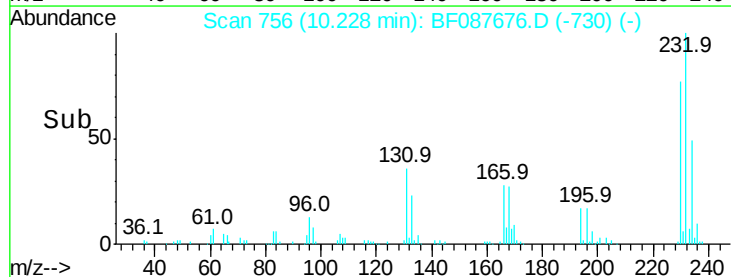
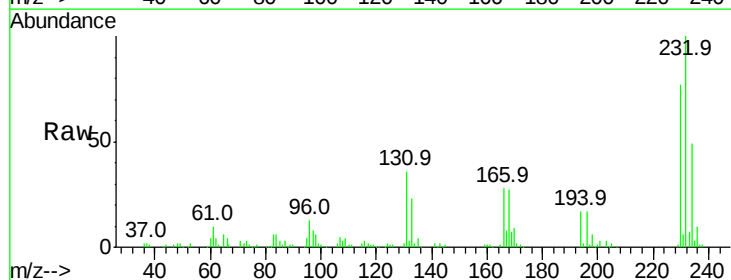
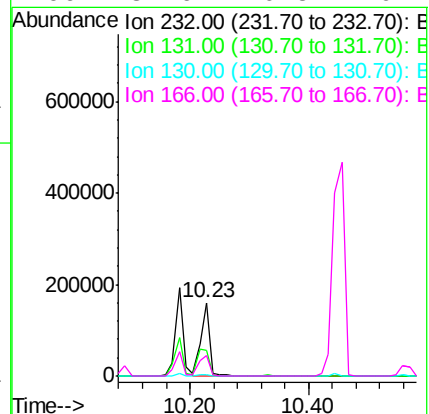
Ion Ratio Lower Upper

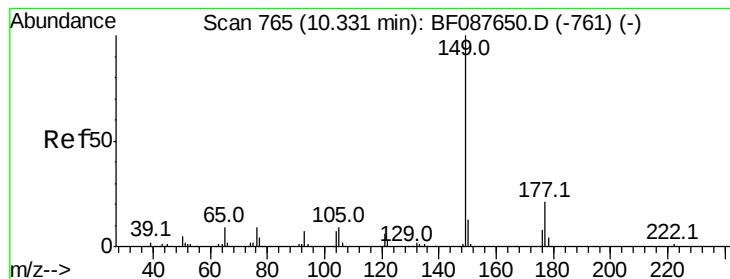
232 100

131 48.5 0.9 1.3#

130 2.3 1.5 2.3#

166 31.6 0.5 0.7#





#59

Diethylphthalate

Concen: 39.52 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

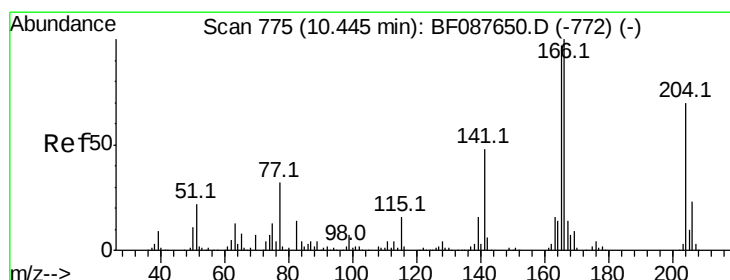
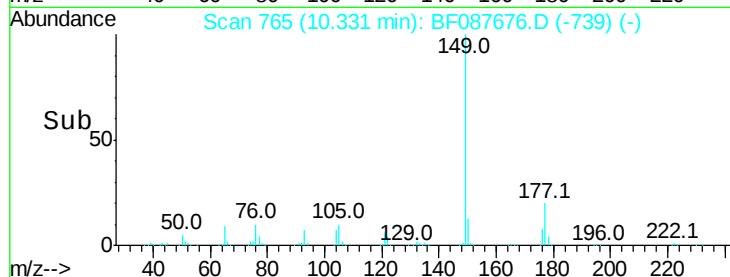
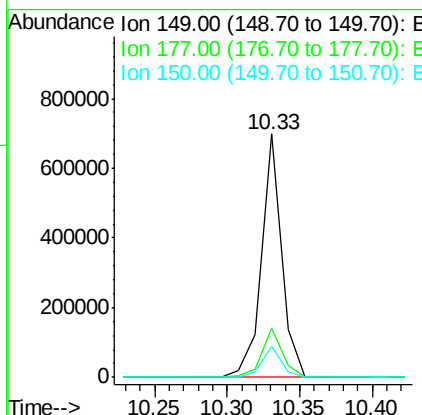
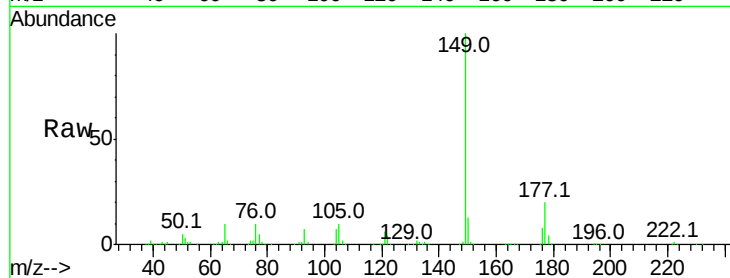
ClientSampleId :

PB90993BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 673331 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 20.2  | 16.9  | 25.3   |
| 150       | 12.8  | 10.1  | 15.1   |

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#60

4-Chlorophenyl-phenylether

Concen: 41.93 ng

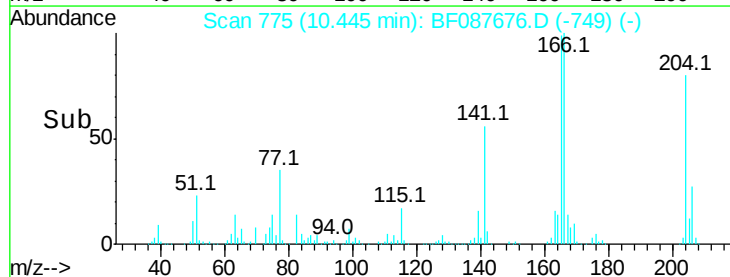
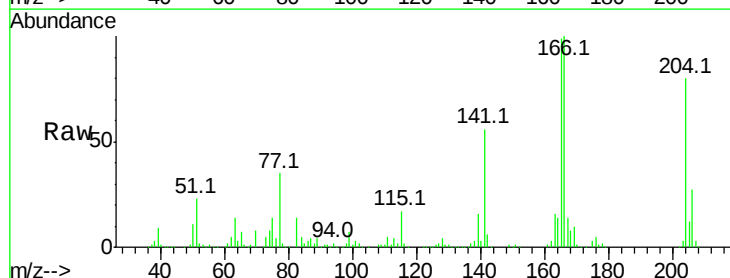
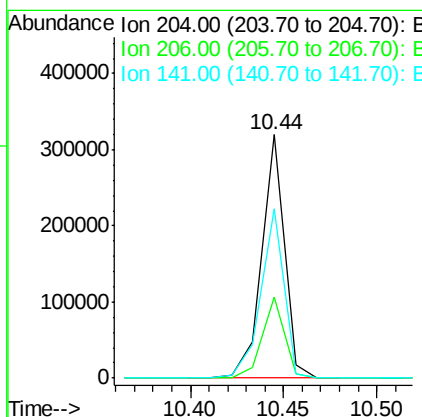
RT: 10.44 min Scan# 775

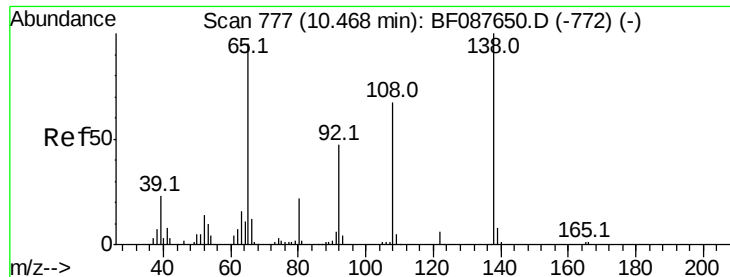
Delta R.T. 0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 267197 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.2  | 26.3  | 39.5   |
| 141       | 69.6  | 55.0  | 82.6   |





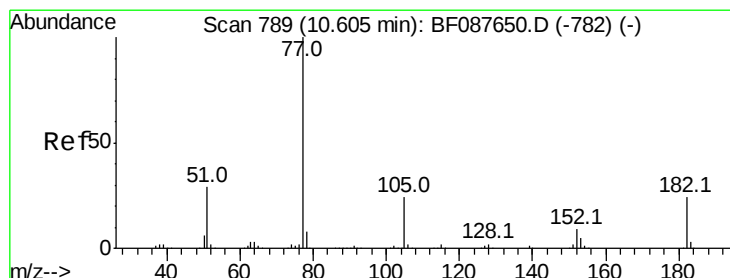
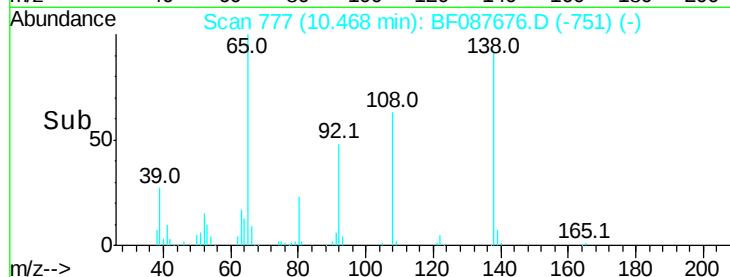
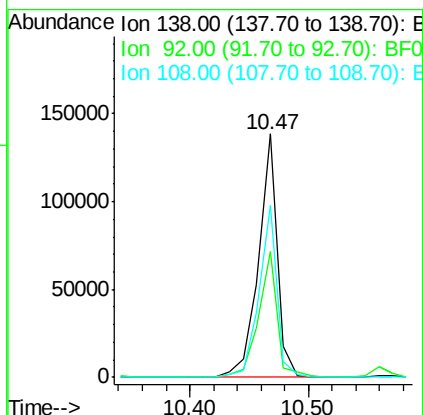
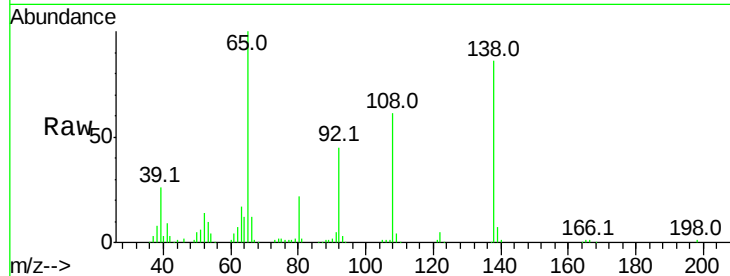
#61  
4-Nitroaniline  
Concen: 36.24 ng  
RT: 10.47 min Scan# 777  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB90993BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 153820 |       |       |
| 92      | 51.9  | 27.3   | 67.3  |       |
| 108     | 70.8  | 46.7   | 86.7  |       |

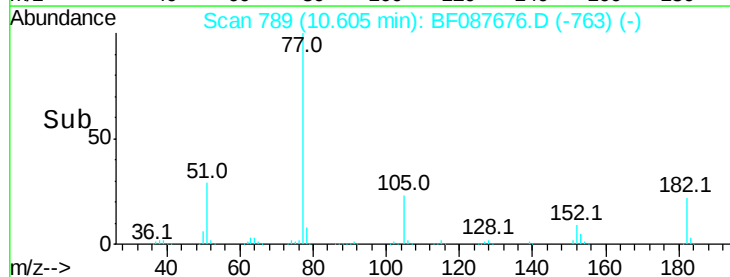
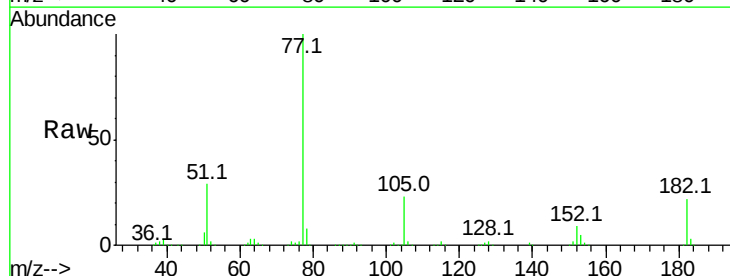
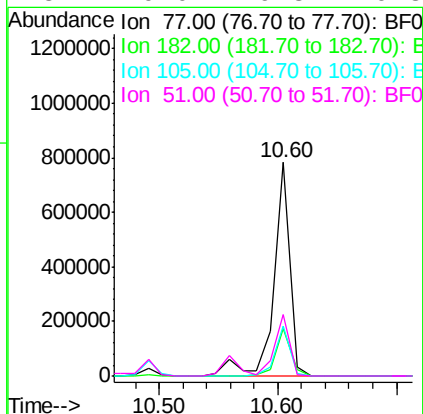
Manual Integrations  
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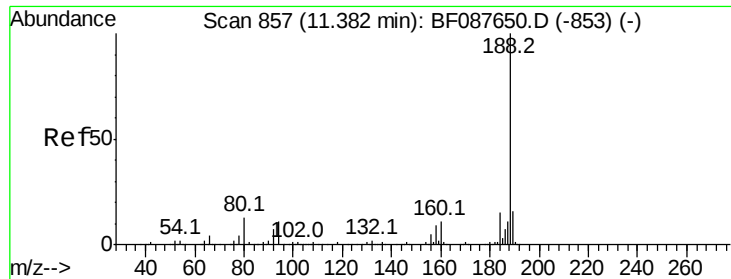
SOHIL  
6/6/2016 7:18:35 PM



#62  
Azobenzene  
Concen: 43.69 ng  
RT: 10.60 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 749341 |       |       |
| 182     | 22.2  | 4.4    | 44.4  |       |
| 105     | 23.5  | 3.8    | 43.8  |       |
| 51      | 29.0  | 9.3    | 49.3  |       |





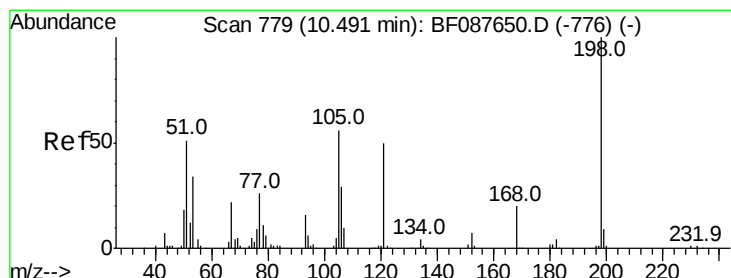
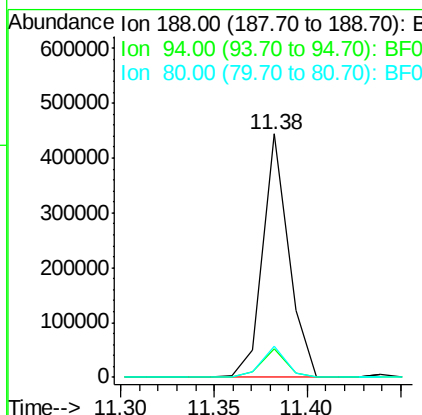
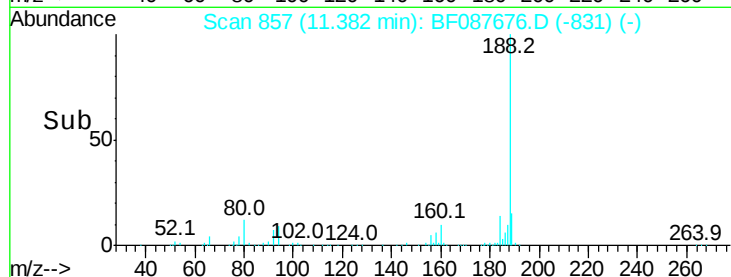
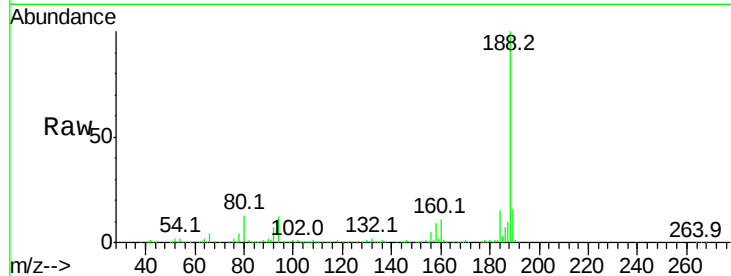
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.38 min Scan# 857  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB90993BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 11.7  | 9.0  | 13.6  |       |
| 80      | 12.7  | 10.0 | 15.0  |       |

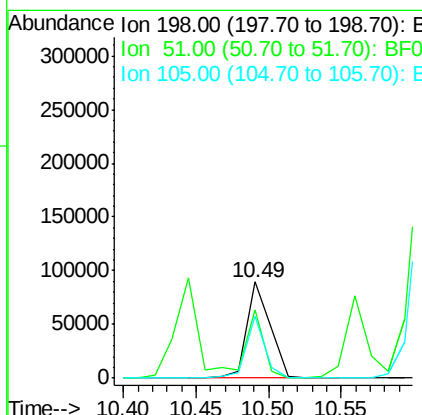
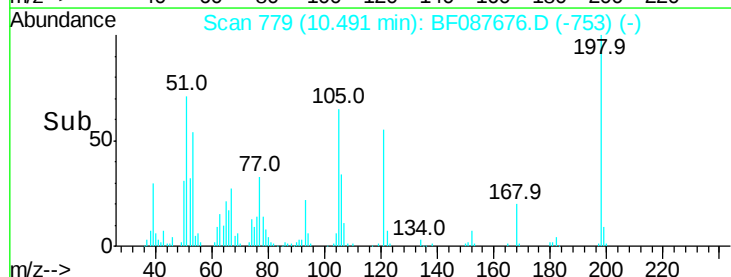
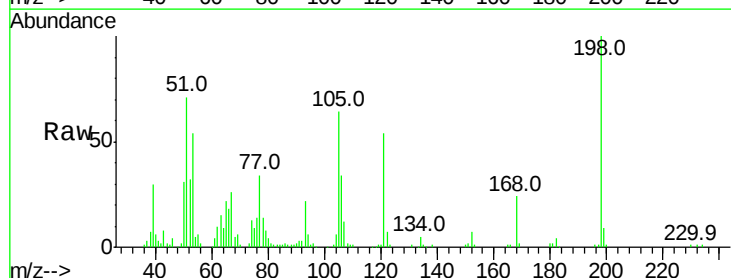
Manual Integrations  
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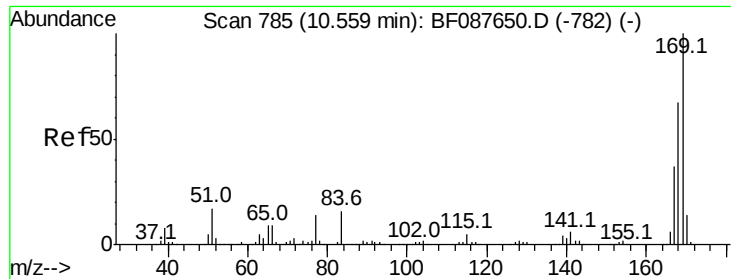
SOHIL  
6/6/2016 7:18:35 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 42.38 ng  
RT: 10.49 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 70.6  | 39.6 | 79.6  |       |
| 105     | 63.8  | 36.6 | 76.6  |       |





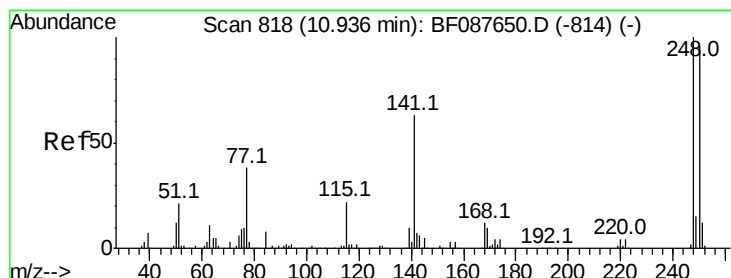
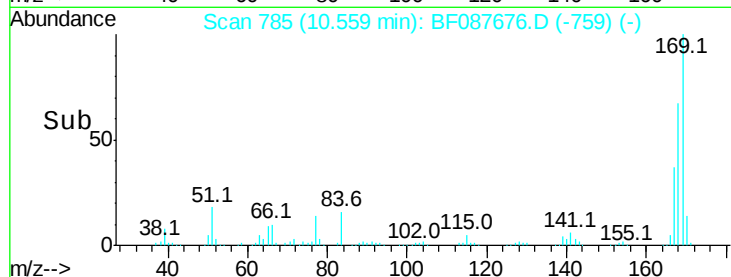
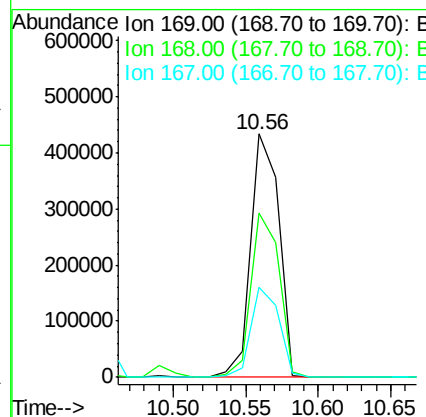
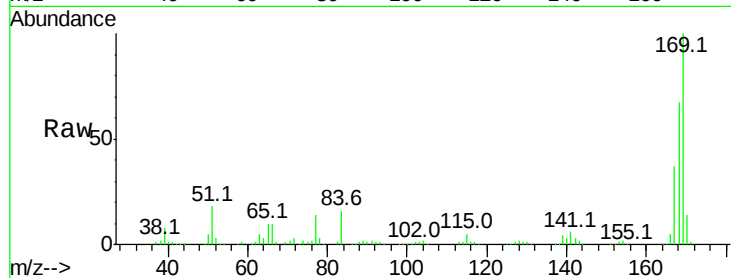
#65  
 n-Nitrosodiphenylamine  
 Concen: 41.68 ng  
 RT: 10.56 min Scan# 785  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 581808 |       |       |
| 168     | 67.3  |        | 53.4  | 80.0  |
| 167     | 37.2  |        | 29.4  | 44.0  |

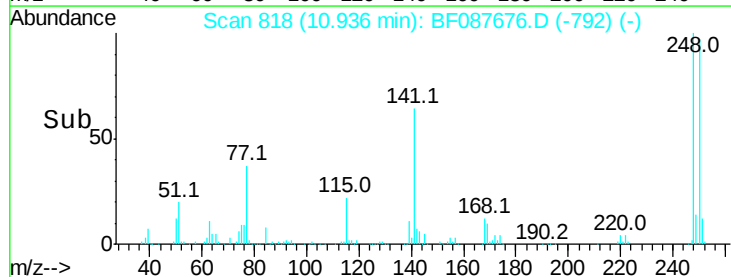
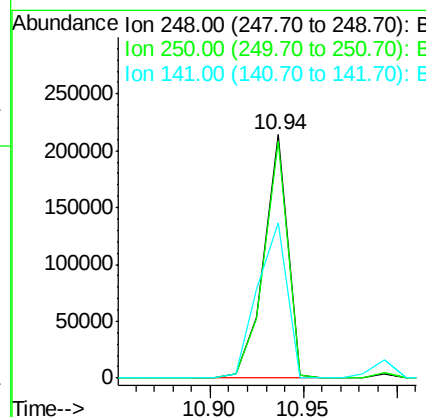
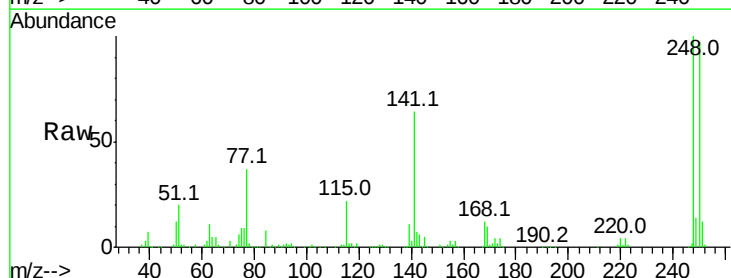
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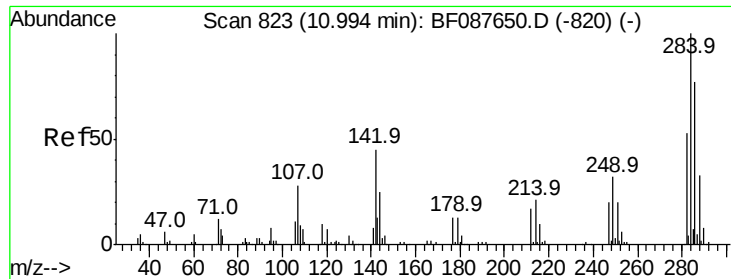
SOHIL  
 6/6/2016 7:18:35 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 44.38 ng  
 RT: 10.94 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 187565 |       |       |
| 250     | 97.3  |        | 77.1  | 115.7 |
| 141     | 63.8  |        | 50.6  | 76.0  |





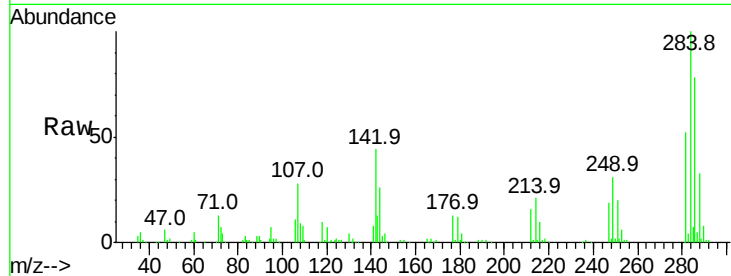
#67  
Hexachlorobenzene  
Concen: 39.34 ng  
RT: 10.99 min Scan# 823  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampled :  
PB90993BS

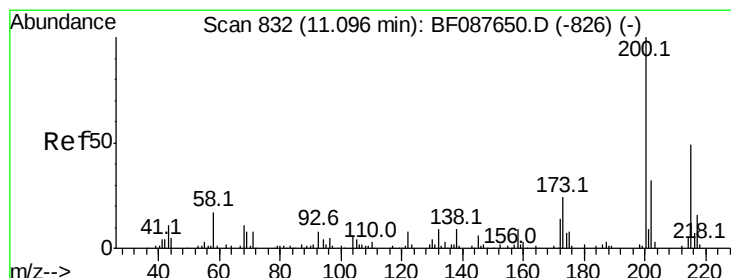
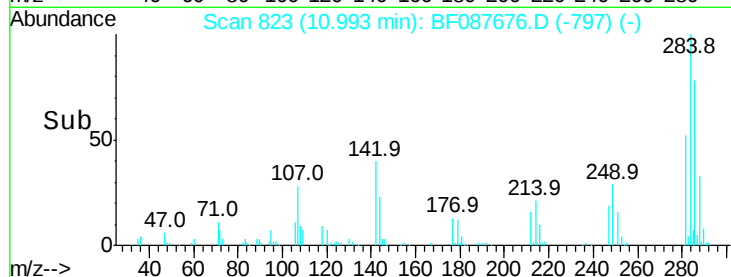
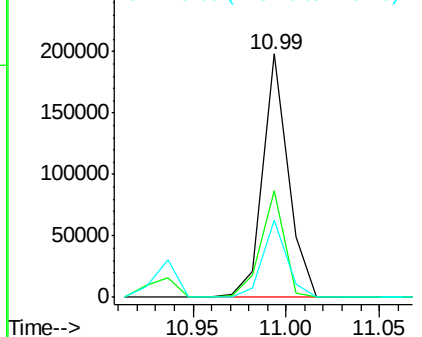
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 185929 |       |       |
| 142     | 43.7  | 35.8   | 53.8  |       |
| 249     | 31.5  | 25.8   | 38.6  |       |

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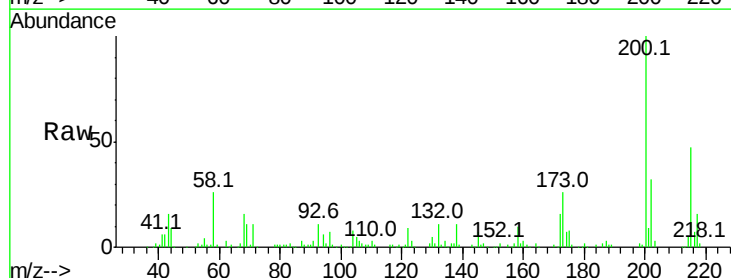


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

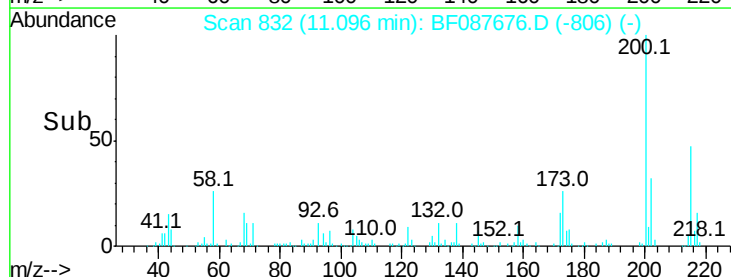
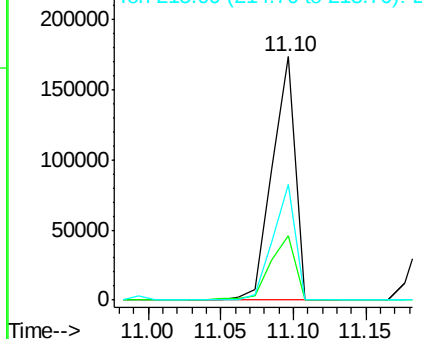


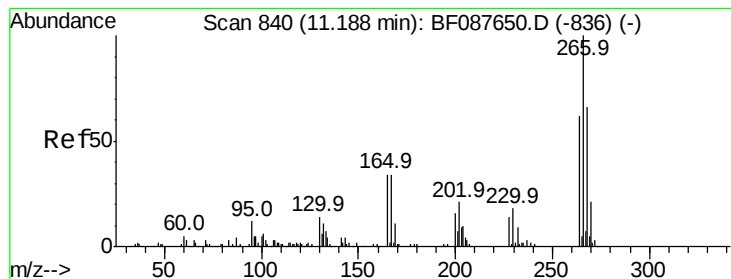
#68  
Atrazine  
Concen: 46.13 ng  
RT: 11.10 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 190753 |       |       |
| 173     | 26.2  | 4.0    | 44.0  |       |
| 215     | 47.4  | 29.3   | 69.3  |       |



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: 82.42 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

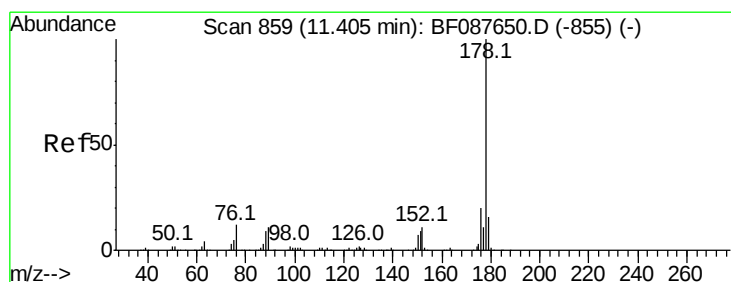
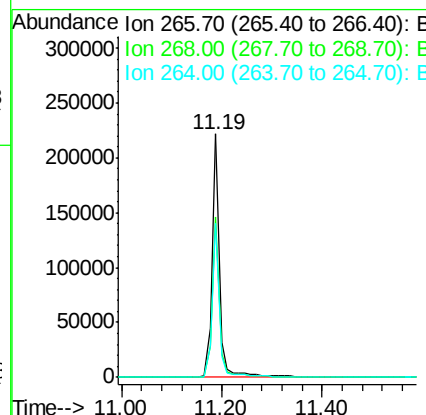
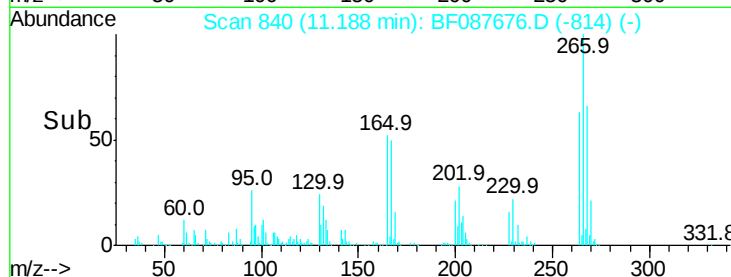
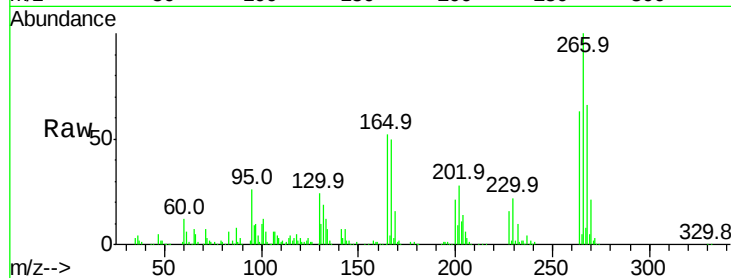
ClientSampleId :

PB90993BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 231432 |       |       |
| 268     | 65.7  | 52.8   | 79.2  |       |
| 264     | 63.2  | 49.6   | 74.4  |       |

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#70

Phenanthrene

Concen: 39.78 ng

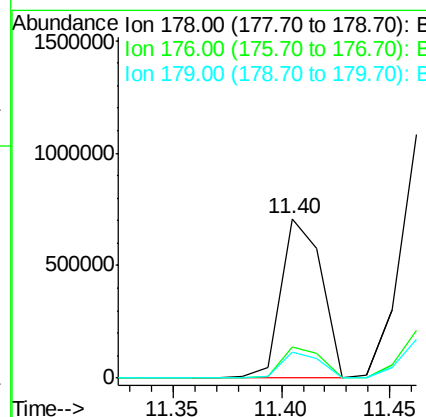
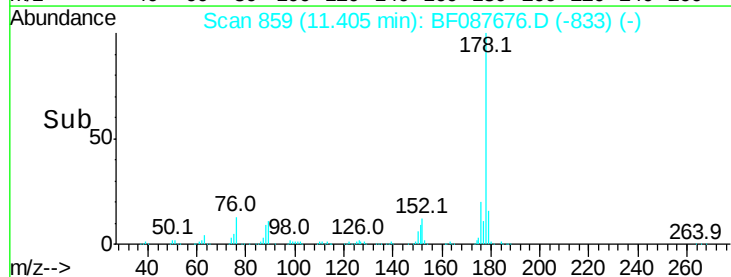
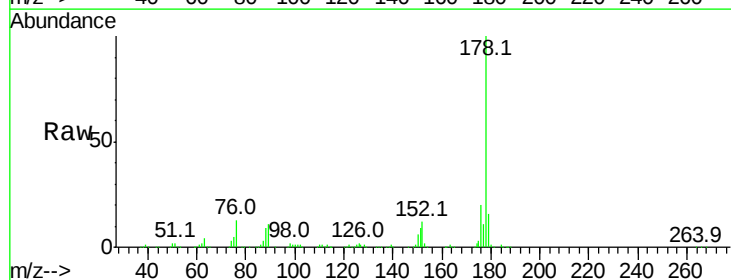
RT: 11.40 min Scan# 859

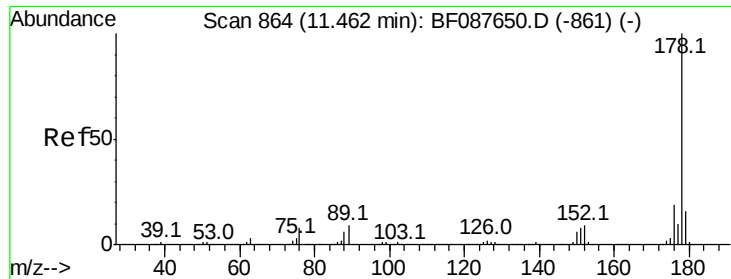
Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 919131 |       |       |
| 176     | 19.6  | 15.8   | 23.6  |       |
| 179     | 16.1  | 13.0   | 19.4  |       |





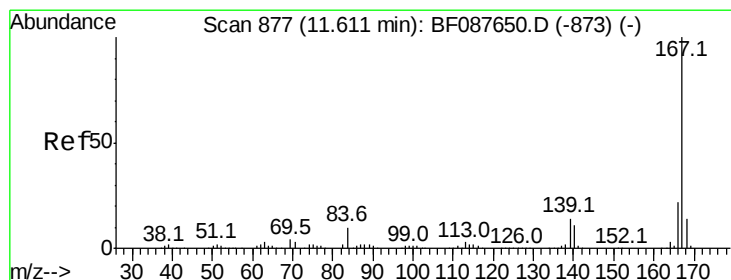
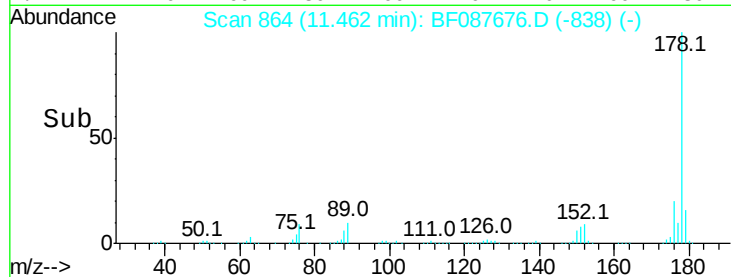
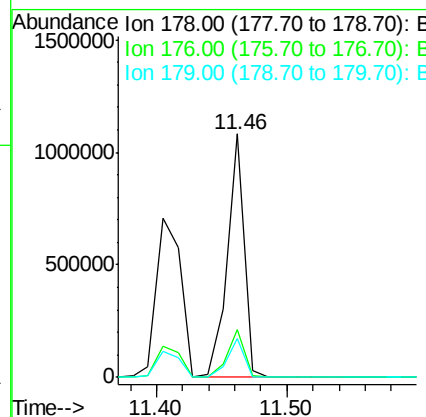
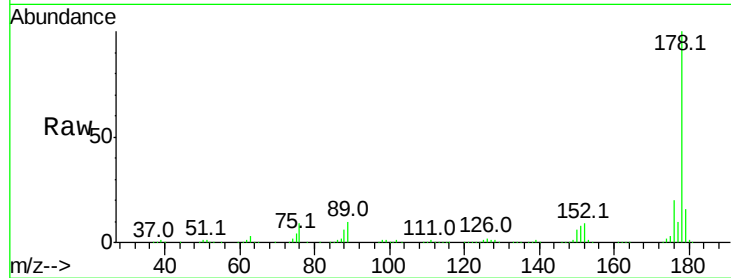
#71  
 Anthracene  
 Concen: 42.42 ng  
 RT: 11.46 min Scan# 864  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.6  | 23.4  |
| 179     | 16.1  | 12.8  | 19.2  |

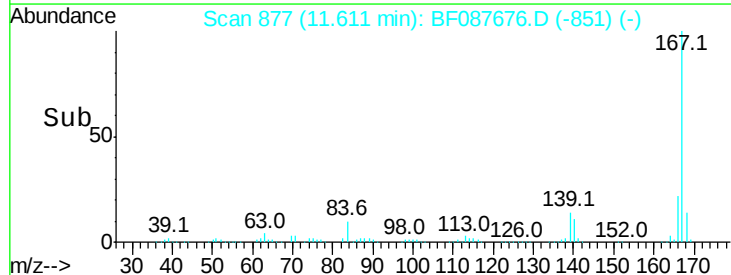
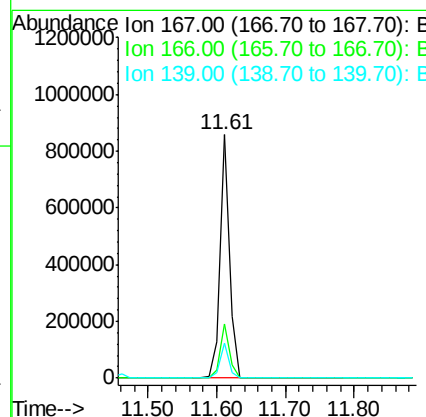
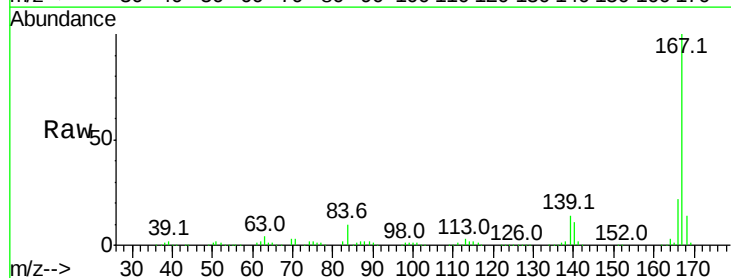
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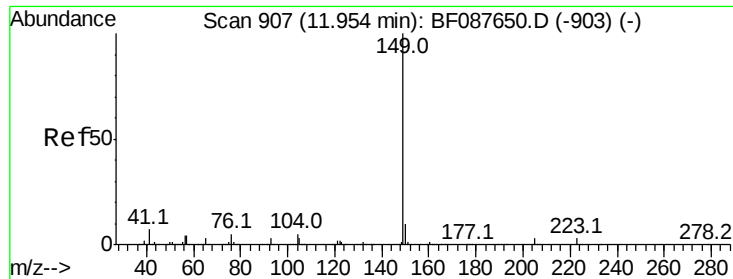
SOHIL  
 6/6/2016 7:18:35 PM



#72  
 Carbazole  
 Concen: 38.04 ng  
 RT: 11.61 min Scan# 877  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 17.8  | 26.6  |
| 139     | 14.2  | 11.2  | 16.8  |





#73

Di-n-butylphthalate

Concen: 44.68 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

ClientSampleId :

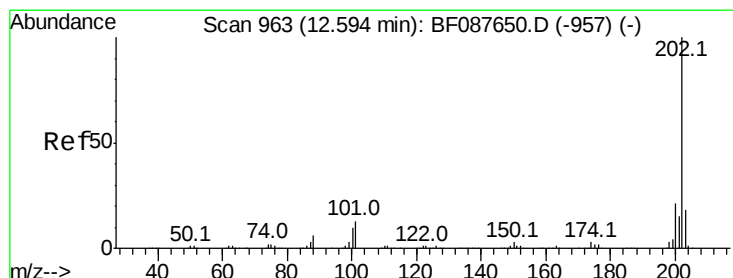
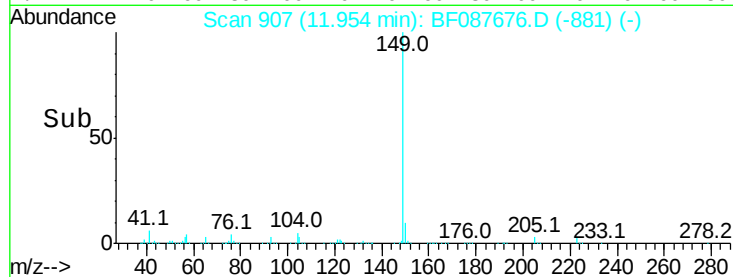
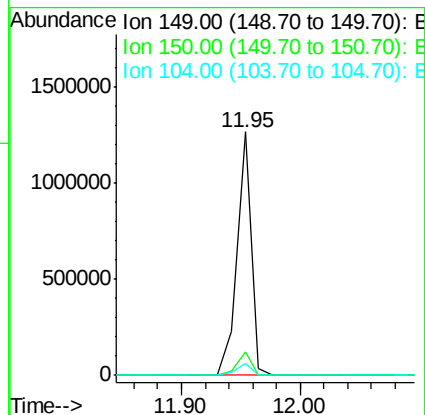
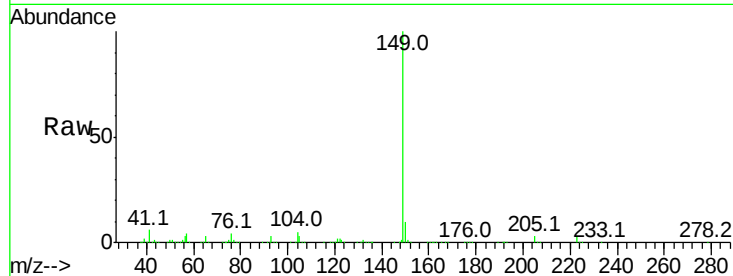
PB90993BS

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|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 1049791 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 150      | 9.8   | 7.8   | 11.6    |
| 104      | 5.0   | 4.0   | 6.0     |



#74

Fluoranthene

Concen: 41.91 ng

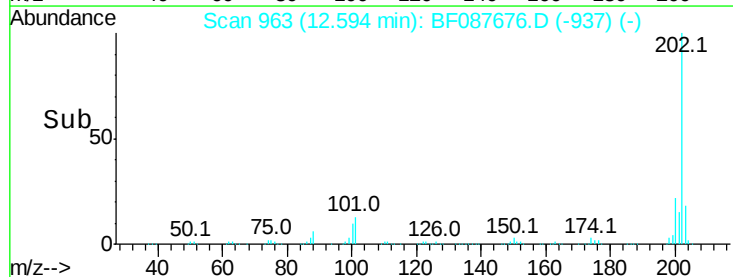
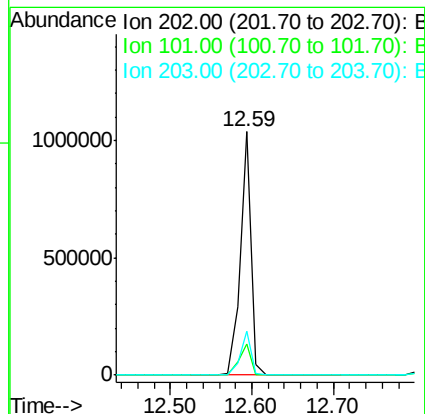
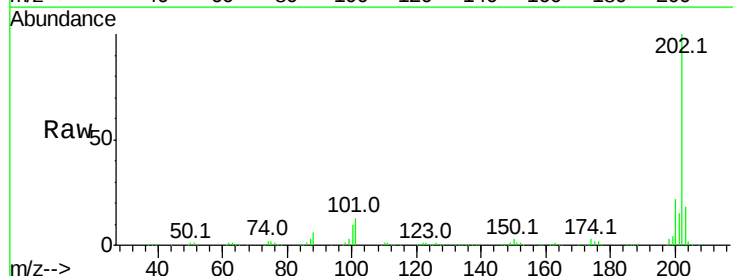
RT: 12.59 min Scan# 963

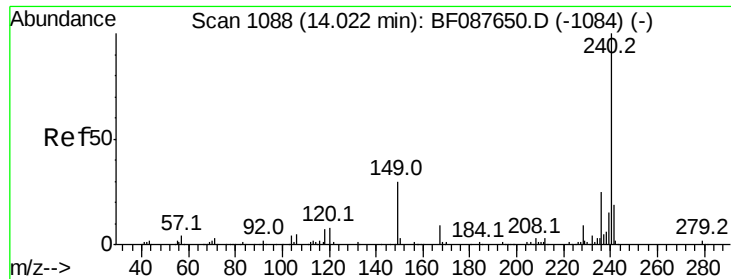
Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 952929 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 12.9  | 0.0   | 33.1   |
| 203      | 18.1  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

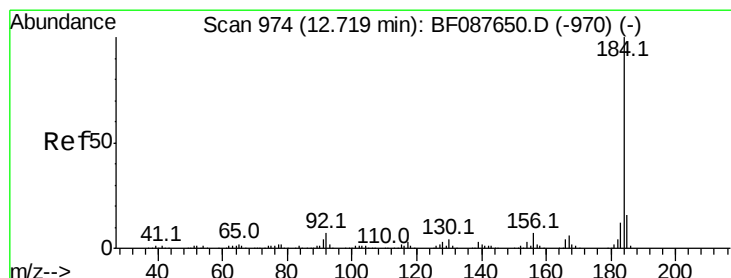
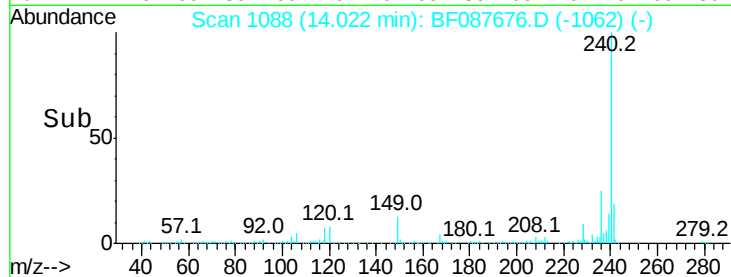
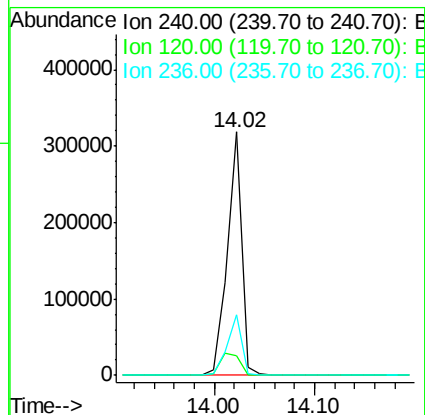
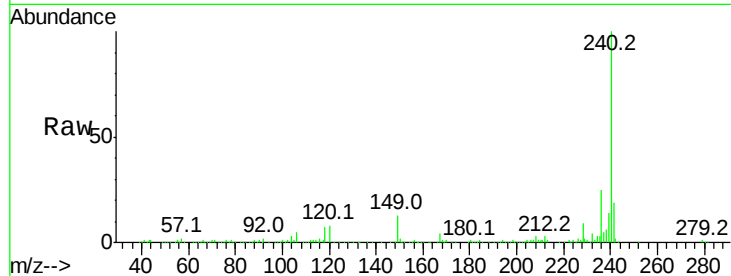
ClientSampleId :

PB90993BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 317816 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.0   | 6.8   | 10.2   |
| 236       | 25.1  | 20.2  | 30.2   |

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#76

Benzidine

Concen: 20.12 ng

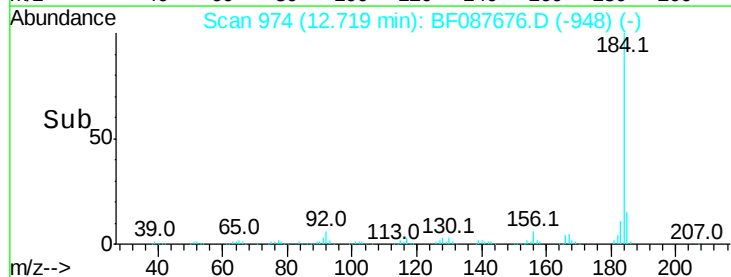
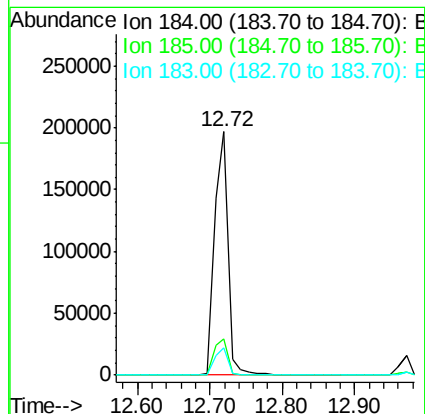
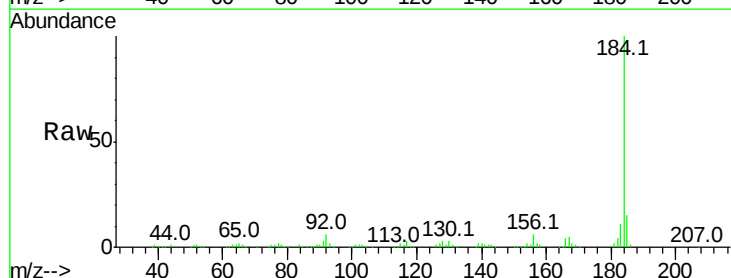
RT: 12.72 min Scan# 974

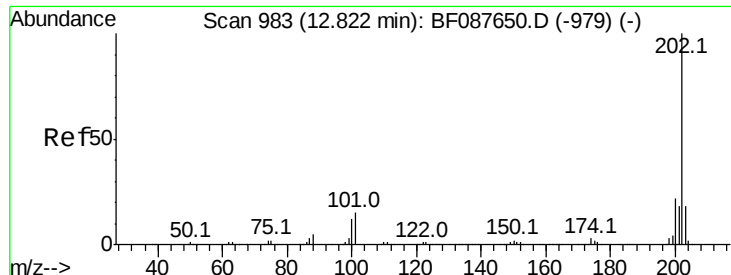
Delta R.T. 0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 252126 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.0  | 12.5  | 18.7   |
| 183       | 11.5  | 9.3   | 13.9   |





#77

Pvrene

Concen: 43.10 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

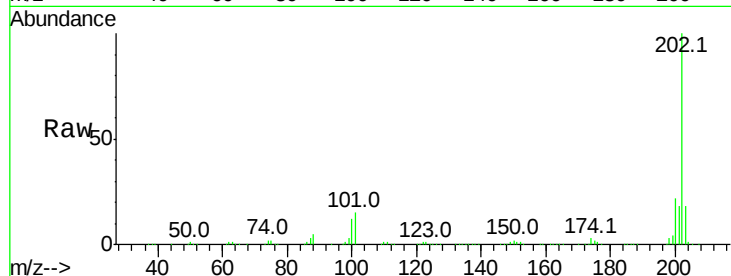
ClientSampleId :

PB90993BS

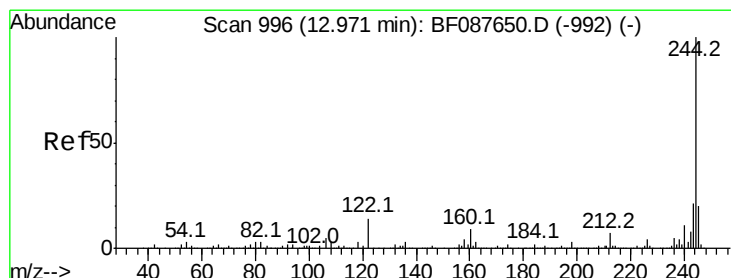
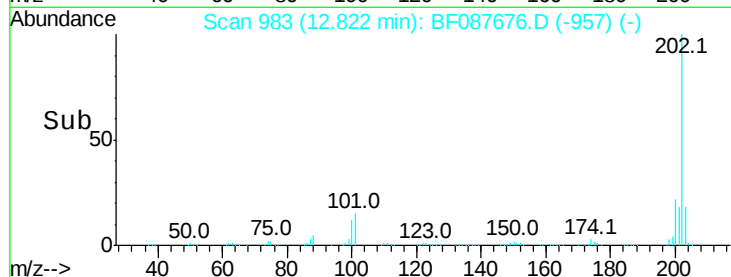
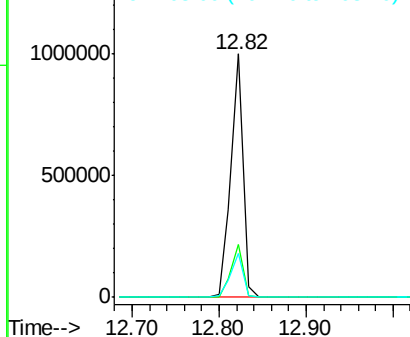
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 21.8  | 17.4 | 26.2  |       |
| 203     | 18.0  | 14.5 | 21.7  |       |

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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: 75.36 ng

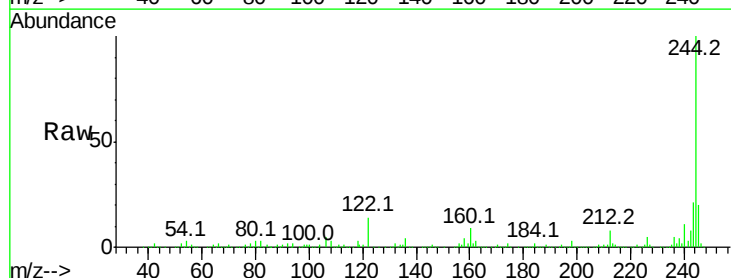
RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

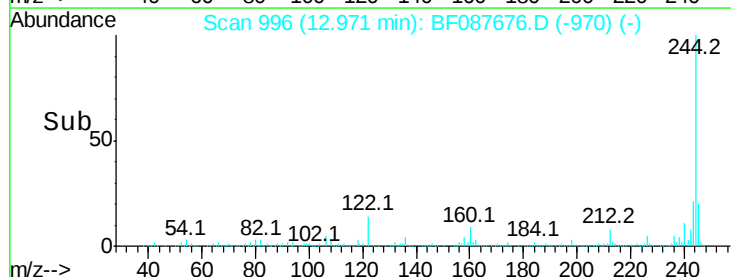
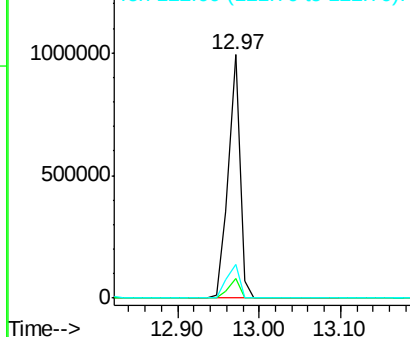
Lab File: BF087676.D

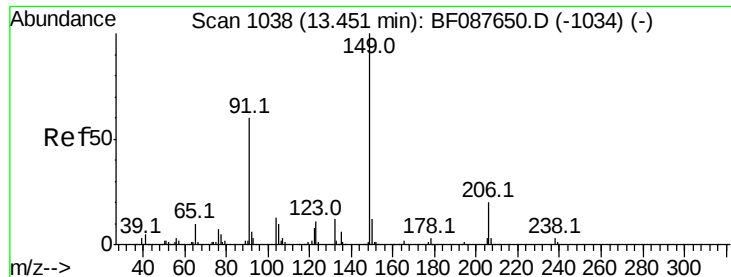
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 244     | 100   |      |       |       |
| 212     | 7.8   | 6.0  | 9.0   |       |
| 122     | 13.9  | 11.2 | 16.8  |       |



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: 48.31 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087676.D

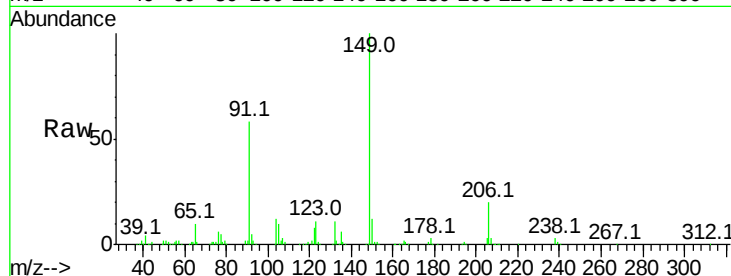
Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

ClientSampleId :

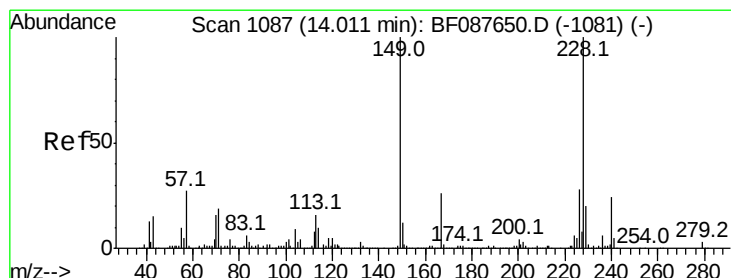
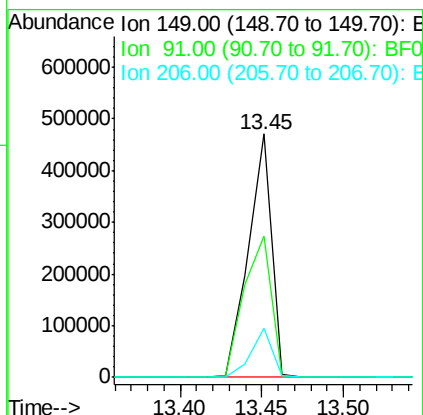
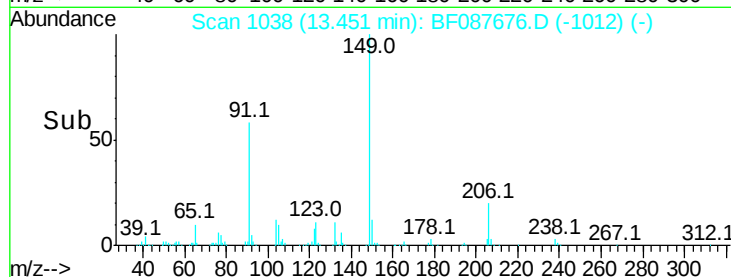
PB90993BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 465259 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 58.0  | 48.0  | 72.0   |
| 206       | 20.4  | 16.0  | 24.0   |

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#80

Benzo(a)anthracene

Concen: 41.84 ng

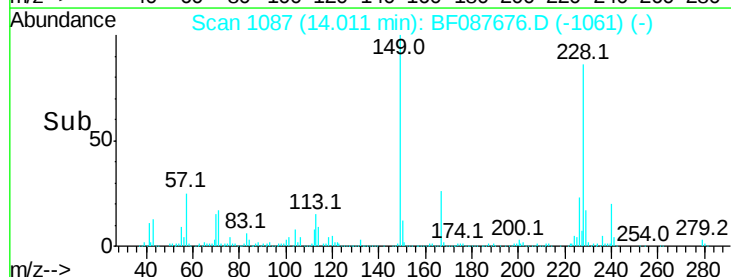
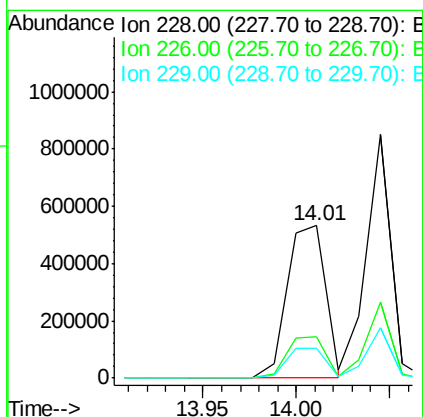
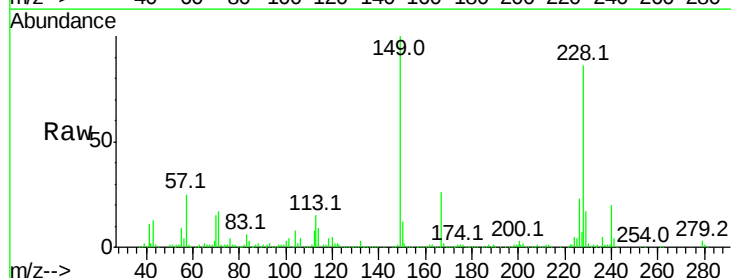
RT: 14.01 min Scan# 1087

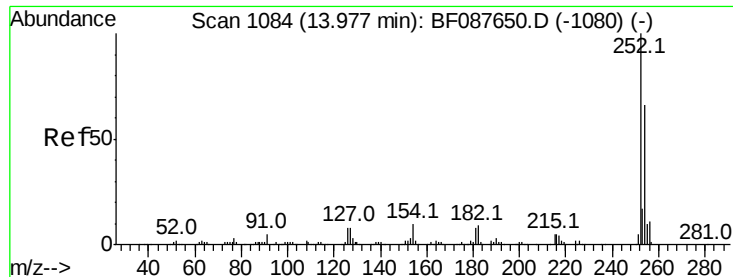
Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 767495 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.1  | 22.3  | 33.5   |
| 229       | 19.7  | 16.0  | 24.0   |





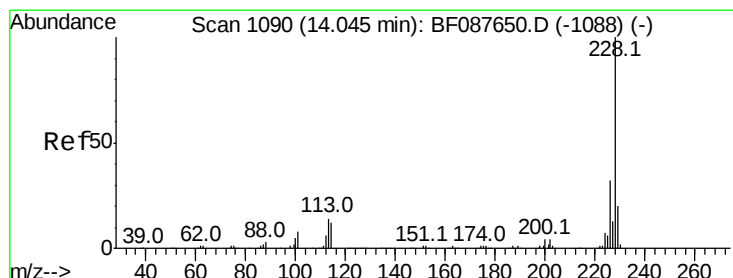
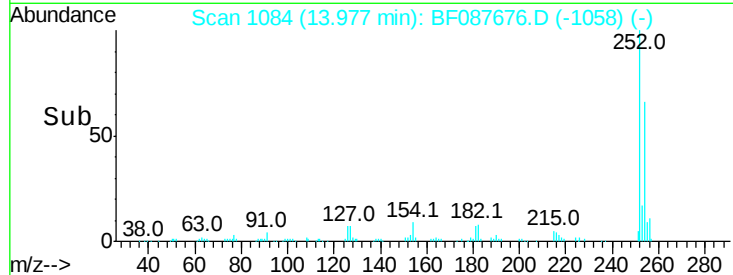
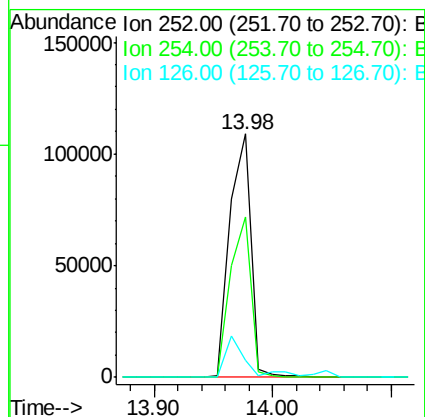
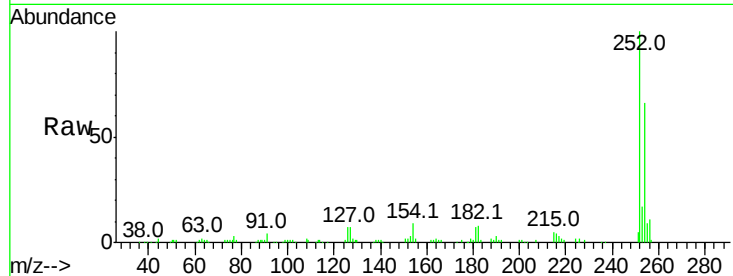
#81  
 3,3'-Dichlorobenzidine  
 Concen: 25.96 ng  
 RT: 13.98 min Scan# 1084  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB90993BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 66.1  | 52.6       | 78.8  |
| 126     | 7.1   | 6.2        | 9.2   |

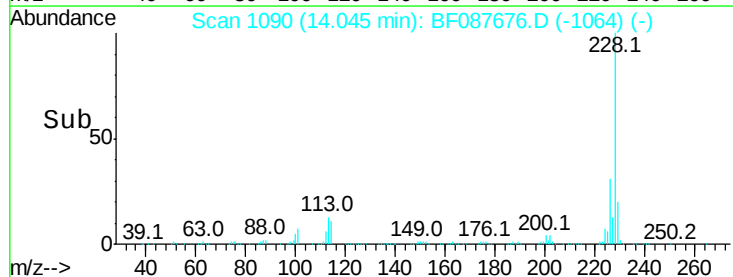
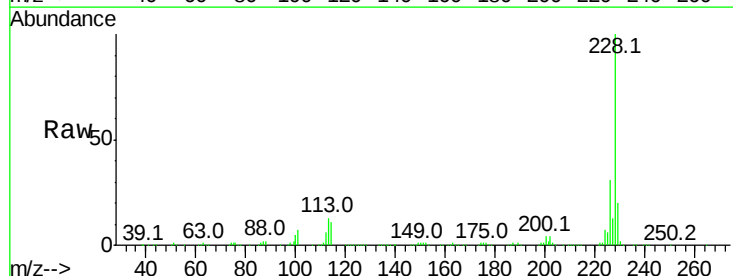
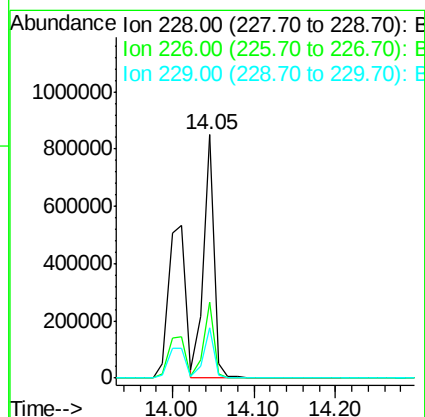
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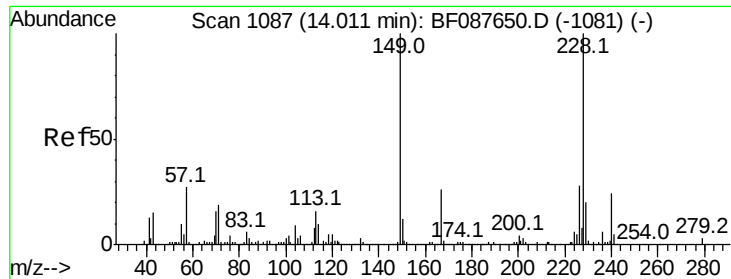
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#82  
 Chrysene  
 Concen: 42.62 ng  
 RT: 14.05 min Scan# 1090  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.3  | 25.4       | 38.2  |
| 229     | 20.4  | 16.3       | 24.5  |





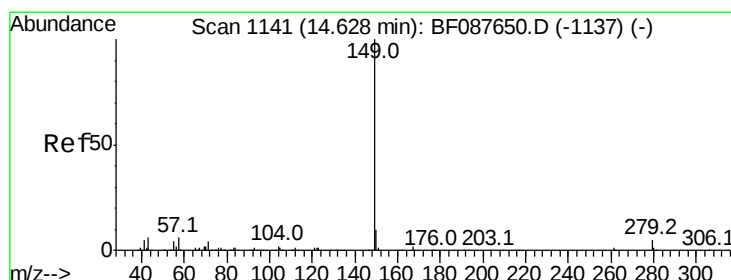
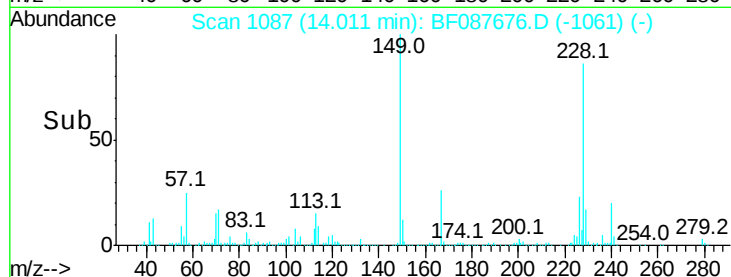
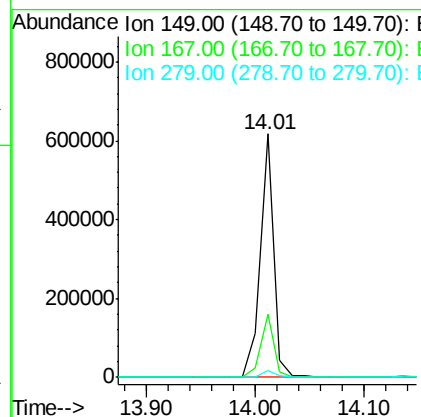
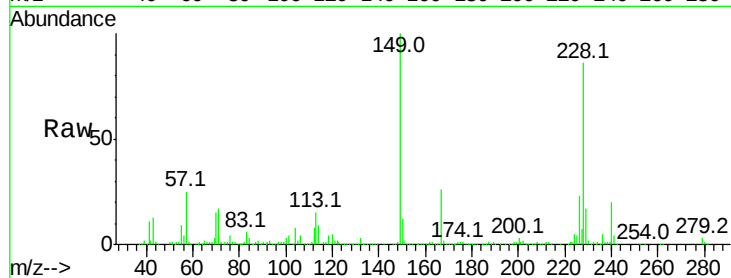
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.84 ng  
 RT: 14.01 min Scan# 1087  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 536838 |       |       |
| 167     | 26.2  |        | 20.5  | 30.7  |
| 279     | 3.0   |        | 2.0   | 3.0   |

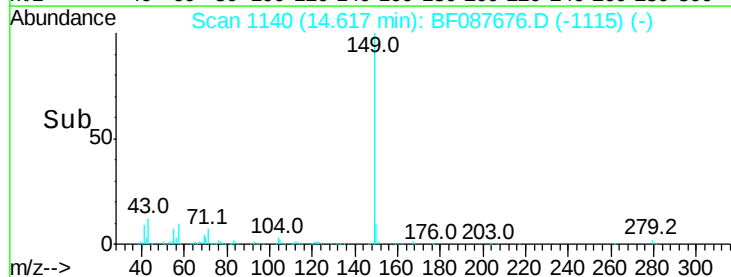
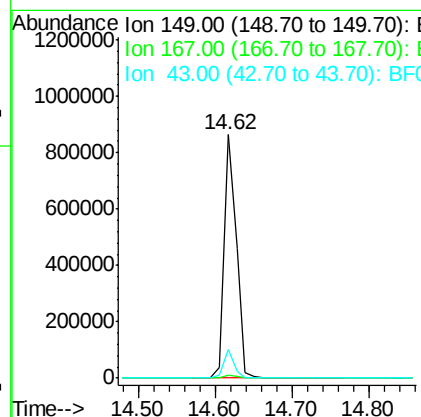
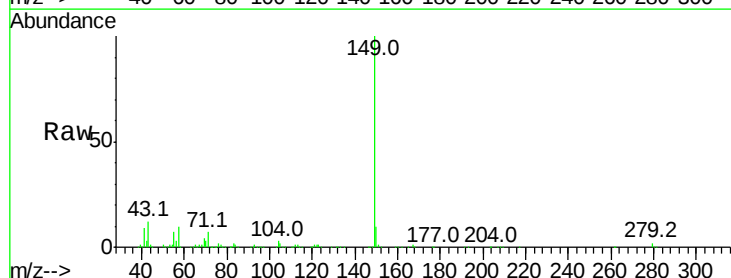
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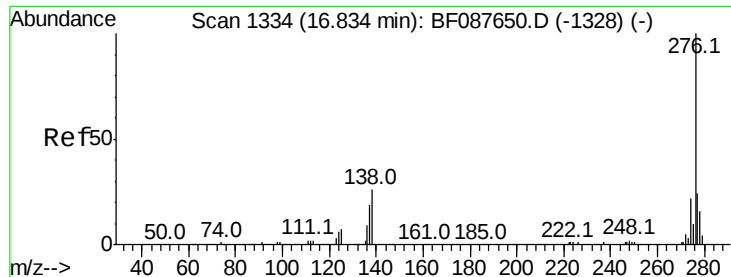
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#84  
 Di-n-octyl phthalate  
 Concen: 45.00 ng  
 RT: 14.62 min Scan# 1140  
 Delta R.T. -0.01 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 958962 |       |       |
| 167     | 1.5   |        | 0.0   | 0.0#  |
| 43      | 9.8   |        | 0.0   | 0.0#  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.07 ng

RT: 16.83 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

ClientSampleId :

PB90993BS

Tot Ion:276 Resp: 680177  
Ion Ratio Lower Upper

276 100

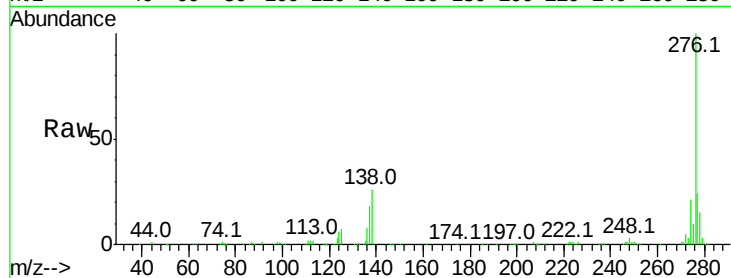
138 29.7 0.0 0.0#

277 24.8 0.0 0.0#

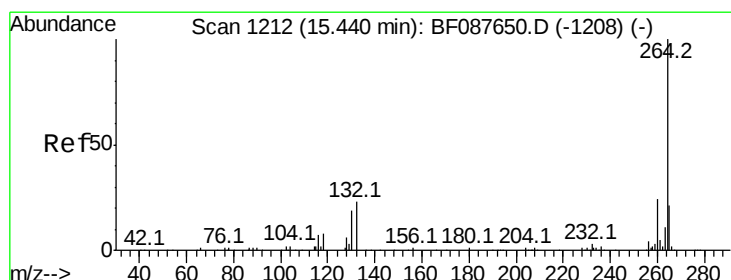
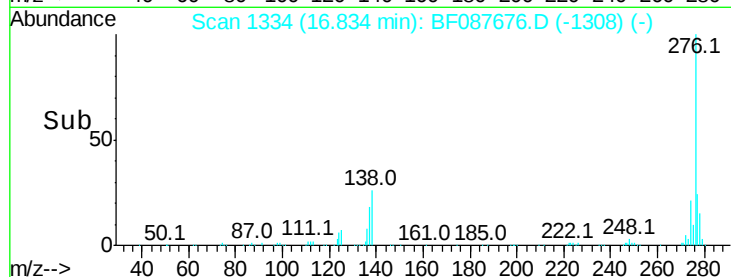
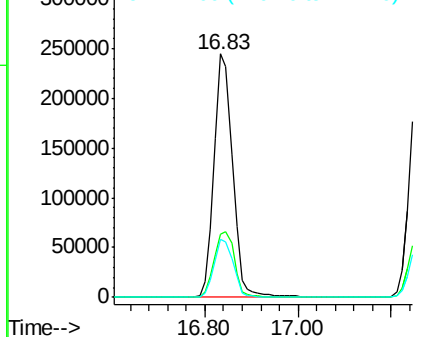
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Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF087676.D

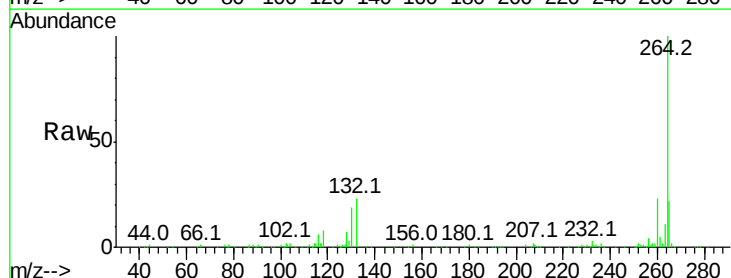
Acq: 4 Jun 2016 20:17

Tgt Ion:264 Resp: 271603  
Ion Ratio Lower Upper

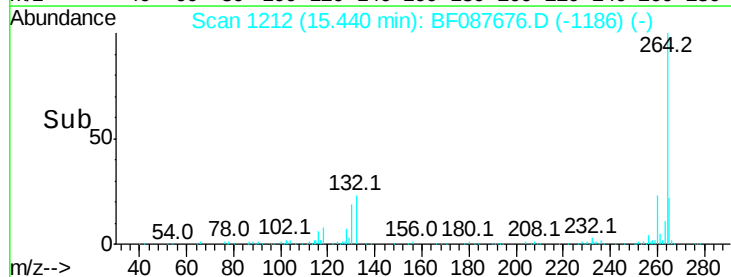
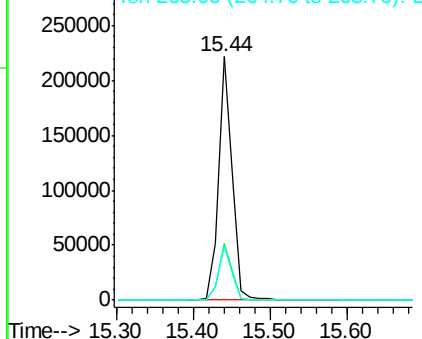
264 100

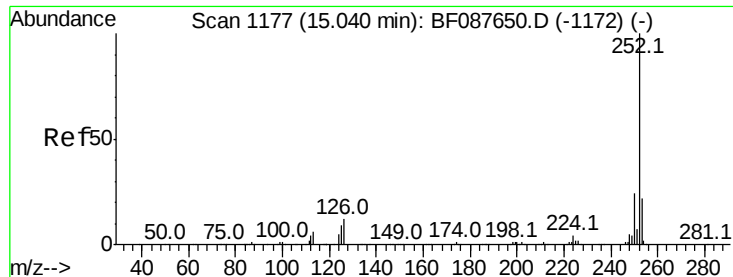
260 23.4 19.2 28.8

265 22.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.02 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA\_F

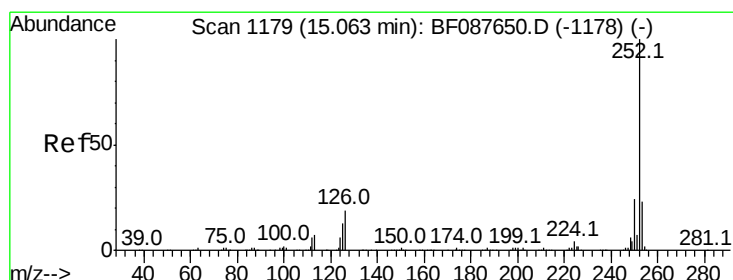
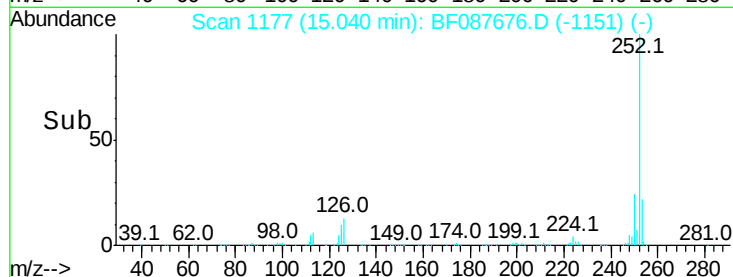
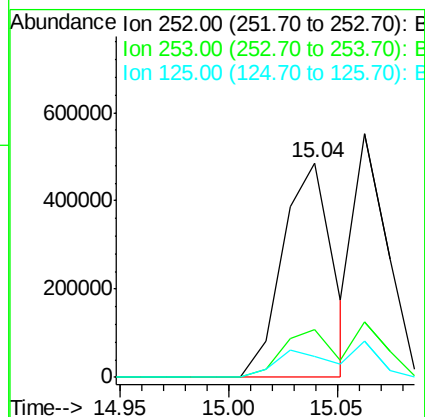
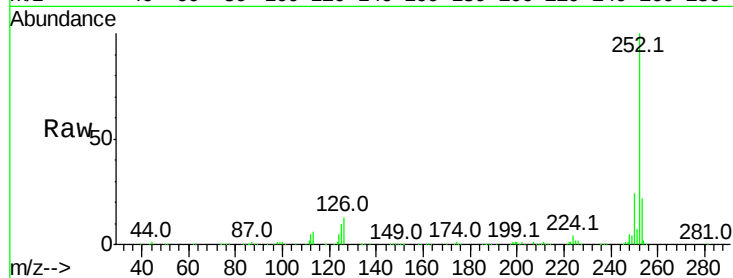
ClientSampleId :

PB90993BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 777800 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 17.4  | 26.2   |
| 125       | 9.5   | 7.1   | 10.7   |

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#88

Benzo(k)fluoranthene

Concen: 40.22 ng m

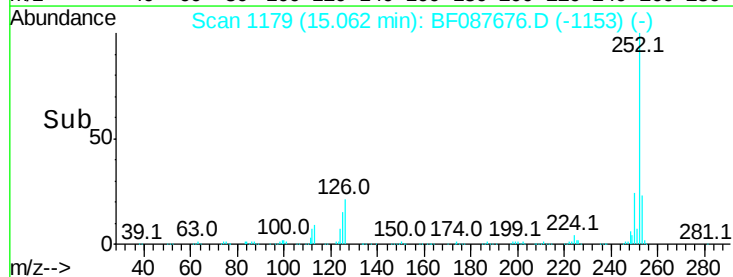
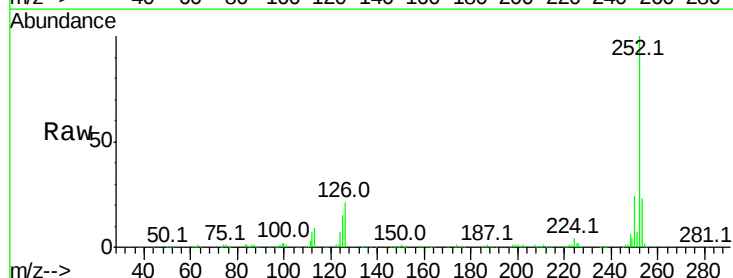
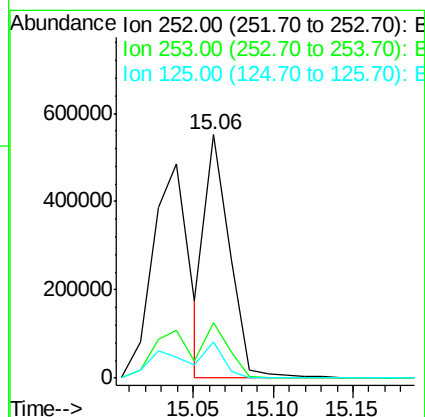
RT: 15.06 min Scan# 1179

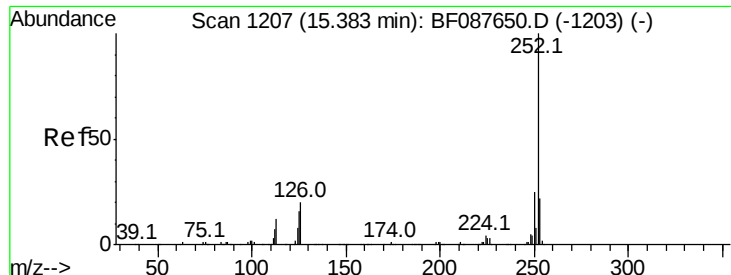
Delta R.T. 0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 591164 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.5  | 18.0  | 27.0   |
| 125       | 14.9  | 11.2  | 16.8   |





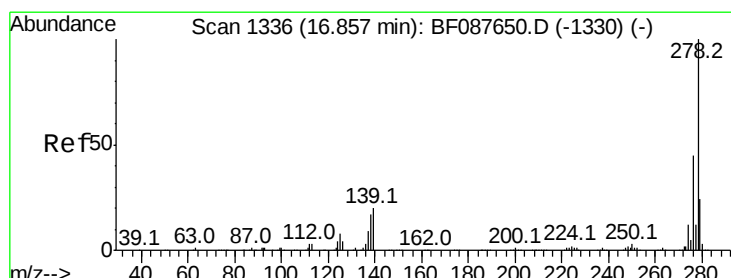
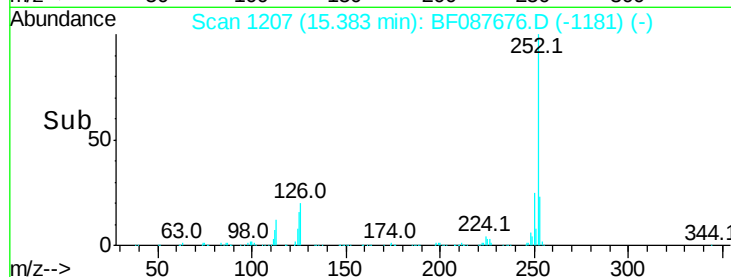
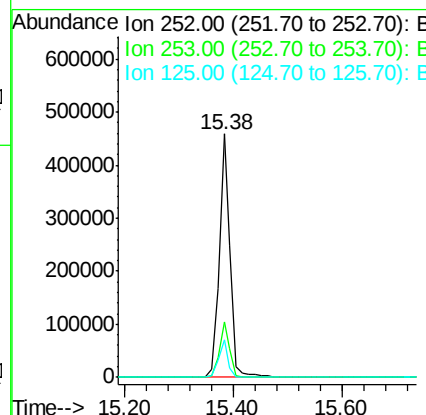
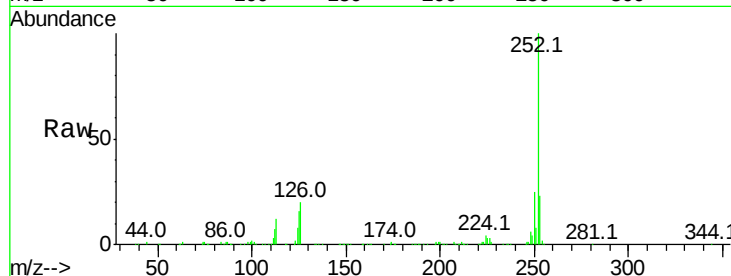
#89  
Benzo(a)pyrene  
Concen: 43.24 ng  
RT: 15.38 min Scan# 1207  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB90993BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.9  | 26.9  |
| 125     | 15.7  | 12.5  | 18.7  |

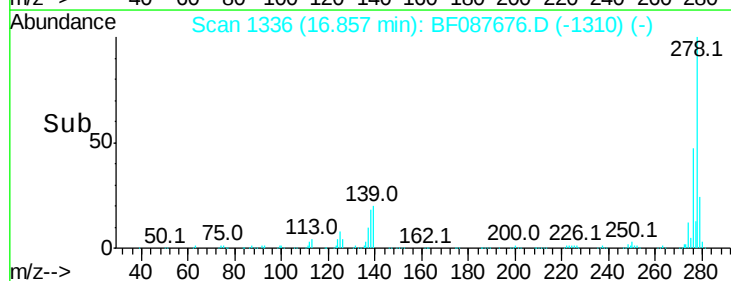
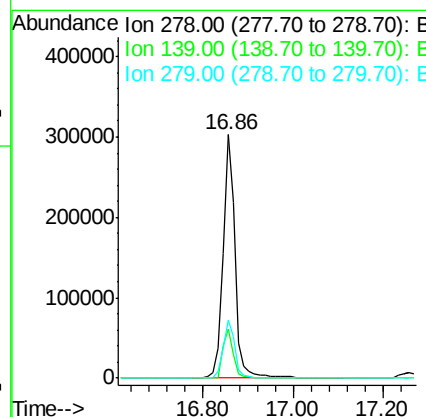
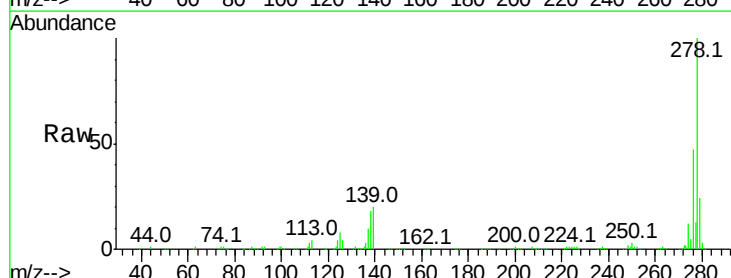
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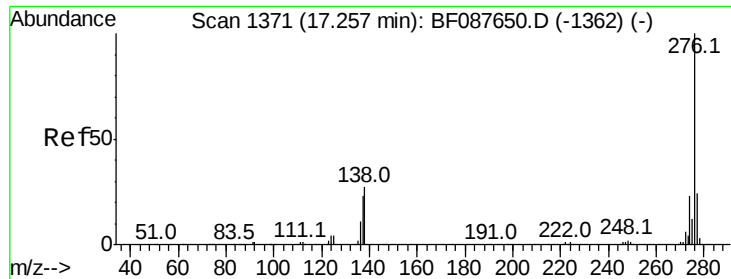
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#90  
Dibenzo(a,h)anthracene  
Concen: 44.39 ng  
RT: 16.86 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: BF087676.D  
Acq: 4 Jun 2016 20:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.3  | 15.7  | 23.5  |
| 279     | 23.9  | 19.4  | 29.2  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 44.02 ng  
 RT: 17.26 min Scan# 1371  
 Delta R.T. -0.00 min  
 Lab File: BF087676.D  
 Acq: 4 Jun 2016 20:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90993BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 561313 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.0  | 18.9  | 28.3   |
| 138       | 26.9  | 21.4  | 32.2   |

Manual Integrations  
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