

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\  
 Data File : BF087668.D  
 Acq On : 4 Jun 2016 16:14  
 Operator : UM/SJ  
 Sample : PB91075BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS

Manual Integrations  
 APPROVED

SOHIL  
 6/6/2016 7:18:10 PM

Quant Time: Jun 05 01:34:46 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  | 113598   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.15  | 136  | 479601   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.91  | 164  | 221411   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.38 | 188  | 404464   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.02 | 240  | 300325   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.44 | 264  | 269608   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.46  | 112  | 503677   | 71.67 | ng    | 0.01     |
| 7) Phenol-d6                | 6.48  | 99   | 664057   | 75.34 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 602347   | 72.66 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.68 | 330  | 156655   | 70.49 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.22  | 172  | 1067546  | 70.00 | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.97 | 244  | 939268   | 76.32 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.58 | 88   | 99716    | 29.35 | ng    | # 18   |
| 3) Pyridine                    | 3.29 | 79   | 256594   | 28.59 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.23 | 42   | 129624   | 34.19 | ng    | 98     |
| 6) Aniline                     | 6.51 | 93   | 245539   | 19.65 | ng    | 95     |
| 8) 2-Chlorophenol              | 6.64 | 128  | 284721   | 35.20 | ng    | 97     |
| 9) Benzaldehyde                | 6.40 | 77   | 18780    | 3.15  | ng    | 90     |
| 10) Phenol                     | 6.50 | 94   | 358507   | 35.72 | ng    | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93   | 242635   | 33.27 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146  | 301316   | 34.80 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146  | 312866   | 36.01 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146  | 273257m  | 33.55 | ng    |        |
| 15) Benzyl Alcohol             | 7.00 | 79   | 219065   | 33.64 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45   | 361260   | 33.97 | ng    | 96     |
| 17) 2-Methylphenol             | 7.12 | 107  | 249288   | 38.39 | ng    | 94     |
| 18) Hexachloroethane           | 7.37 | 117  | 107804   | 35.48 | ng    | # 83   |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70   | 190775   | 34.66 | ng    | 96     |
| 20) 3+4-Methylphenols          | 7.27 | 107  | 295786   | 37.18 | ng    | # 89   |
| 22) Acetophenone               | 7.27 | 105  | 372269   | 34.27 | ng    | # 83   |
| 24) Nitrobenzene               | 7.44 | 77   | 267555   | 32.25 | ng    | # 87   |
| 25) Isophorone                 | 7.69 | 82   | 533741   | 35.37 | ng    | 94     |
| 26) 2-Nitrophenol              | 7.76 | 139  | 134563   | 34.91 | ng    | 95     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122  | 290430   | 36.35 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93   | 315972   | 33.01 | ng    | # 97   |
| 29) 2,4-Dichlorophenol         | 8.00 | 162  | 242566   | 36.97 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180  | 254790   | 37.08 | ng    | 98     |
| 31) Naphthalene                | 8.17 | 128  | 877932   | 37.65 | ng    | 99     |
| 32) Benzoic acid               | 7.91 | 122  | 180889   | 37.53 | ng    | 97     |
| 33) 4-Chloroaniline            | 8.22 | 127  | 161905   | 15.98 | ng    | # 93   |
| 34) Hexachlorobutadiene        | 8.30 | 225  | 124520   | 34.86 | ng    | 99     |
| 35) Caprolactam                | 8.58 | 113  | 81243m   | 37.69 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107  | 246075   | 36.26 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 8.86 | 142  | 534459   | 34.71 | ng    | # 97   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216  | 226312   | 37.09 | ng    | # 1    |
| 40) Hexachlorocyclopentadiene  | 9.02 | 237  | 249160   | 69.42 | ng    | 99     |

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Manual Integrations  
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 6/6/2016 7:18:10 PM

Quant Time: Jun 05 01:34:46 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) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.14  | 196  | 160032   | 34.73 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.18  | 196  | 166806   | 38.89 | nq #  | 91       |
| 45) 1,1'-Biphenyl              | 9.32  | 154  | 646031   | 35.95 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.35  | 162  | 506970   | 35.44 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.44  | 65   | 141432   | 35.12 | nq    | 98       |
| 48) Acenaphthylene             | 9.76  | 152  | 811475   | 36.38 | nq    | 100      |
| 49) Dimethylphthalate          | 9.63  | 163  | 611703   | 38.00 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.69  | 165  | 140355   | 38.32 | nq    | 95       |
| 51) Acenaphthene               | 9.93  | 154  | 537629   | 37.46 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.85  | 138  | 93790    | 22.39 | nq    | 93       |
| 53) 2,4-Dinitrophenol          | 9.95  | 184  | 108060   | 65.74 | nq    | 91       |
| 54) Dibenzofuran               | 10.11 | 168  | 746551   | 38.21 | nq    | 100      |
| 55) 4-Nitrophenol              | 10.01 | 139  | 259002   | 72.34 | nq    | 89       |
| 56) 2,4-Dinitrotoluene         | 10.09 | 165  | 201212   | 43.15 | nq    | 97       |
| 57) Fluorene                   | 10.44 | 166  | 536481   | 35.12 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 138740   | 37.55 | nq #  | 55       |
| 59) Diethylphthalate           | 10.33 | 149  | 585929   | 36.25 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204  | 234896   | 37.30 | nq    | 100      |
| 61) 4-Nitroaniline             | 10.47 | 138  | 157557   | 39.12 | nq    | 98       |
| 62) Azobenzene                 | 10.60 | 77   | 650686   | 39.99 | nq    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 83316    | 37.52 | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 482409   | 36.41 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.94 | 248  | 160277   | 39.96 | nq    | 97       |
| 67) Hexachlorobenzene          | 10.99 | 284  | 162075   | 36.14 | nq    | 97       |
| 68) Atrazine                   | 11.08 | 200  | 144356   | 36.79 | nq    | 91       |
| 69) Pentachlorophenol          | 11.19 | 266  | 202749   | 76.08 | nq    | 100      |
| 70) Phenanthrene               | 11.40 | 178  | 759690   | 34.64 | nq    | 99       |
| 71) Anthracene                 | 11.46 | 178  | 868181   | 39.51 | nq    | 100      |
| 72) Carbazole                  | 11.61 | 167  | 746688   | 35.90 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 916700   | 41.11 | nq    | 100      |
| 74) Fluoranthene               | 12.59 | 202  | 862972   | 39.99 | nq    | 98       |
| 76) Benzidine                  | 12.71 | 184  | 242727   | 20.50 | nq    | 97       |
| 77) Pyrene                     | 12.82 | 202  | 883616   | 41.32 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.45 | 149  | 390192   | 42.87 | nq    | 97       |
| 80) Benzo(a)anthracene         | 14.00 | 228  | 685153   | 39.53 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.98 | 252  | 110961   | 22.69 | nq    | 98       |
| 82) Chrysene                   | 14.05 | 228  | 719359   | 41.70 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 464163   | 42.85 | nq #  | 99       |
| 84) Di-n-octyl phthalate       | 14.62 | 149  | 812499   | 40.35 | nq #  | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.83 | 276  | 581810   | 40.80 | nq #  | 100      |
| 87) Benzo(b)fluoranthene       | 15.04 | 252  | 699159   | 39.86 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.06 | 252  | 516414m  | 35.39 | nq    |          |
| 89) Benzo(a)pyrene             | 15.38 | 252  | 565126   | 38.33 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.86 | 278  | 482659   | 38.47 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.26 | 276  | 490675   | 38.76 | nq    | 99       |

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

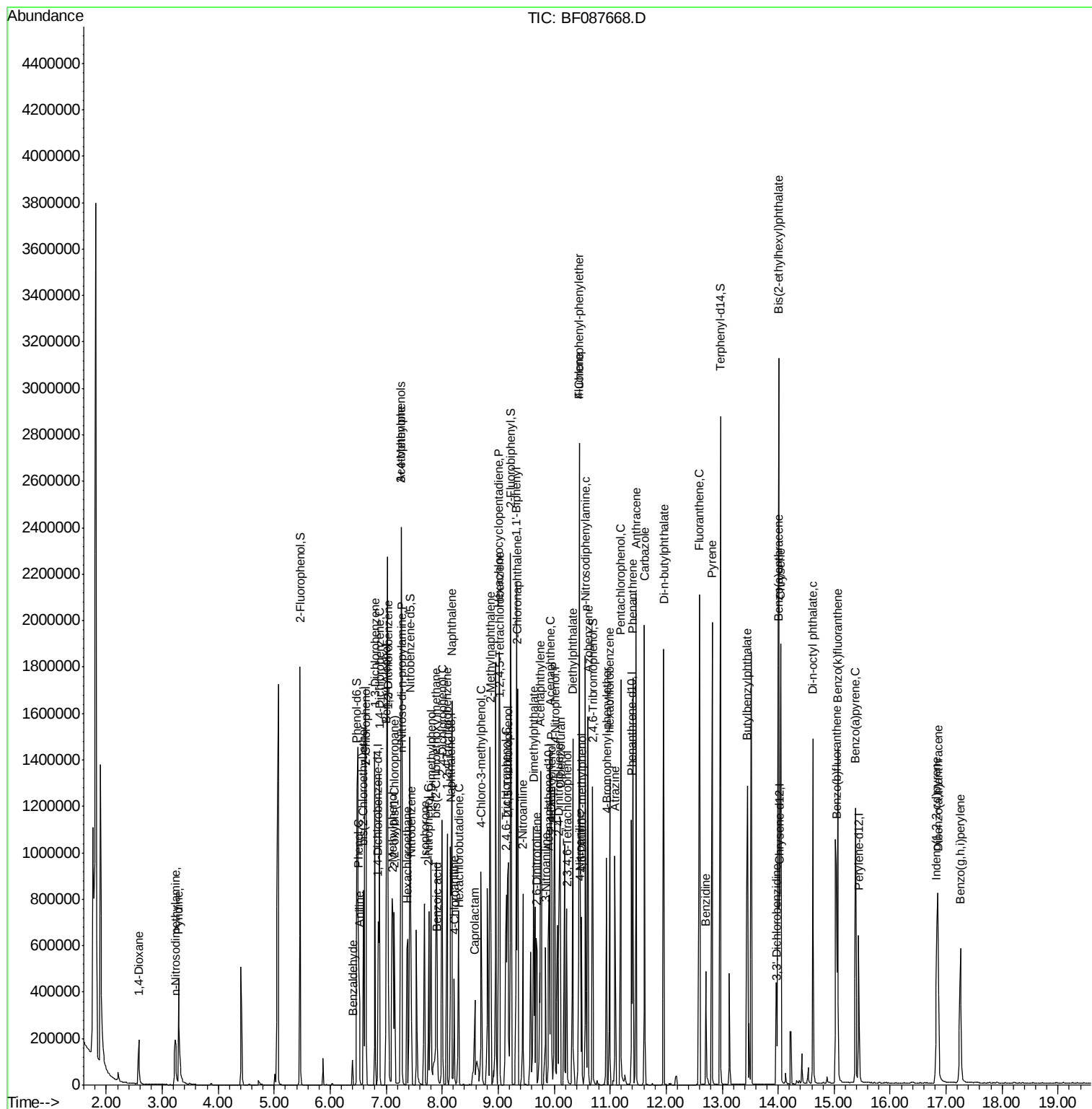
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\  
Data File : BF087668.D  
Acq On    : 4 Jun 2016 16:14  
Operator  : UM/SJ  
Sample    : PB91075BS  
Misc      :  
ALS Vial  : 13 Sample Multiplier: 1
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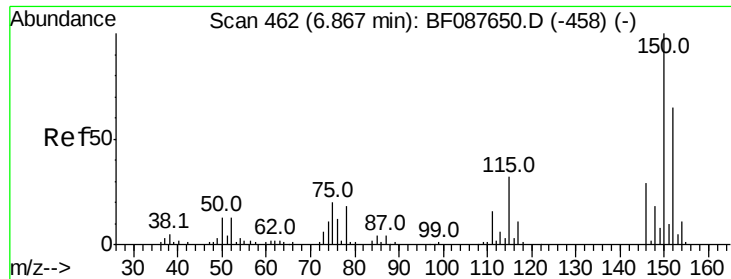
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB91075BS

## Manual Integrations APPROVED

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6/6/2016 7:18:10 PM

Quant Time: Jun 05 01:34:46 2016  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jun 04 11:07:28 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

ClientSampleId :

PB91075BS

Tot Ion:152 Resp: 113598

Ion Ratio Lower Upper

152 100

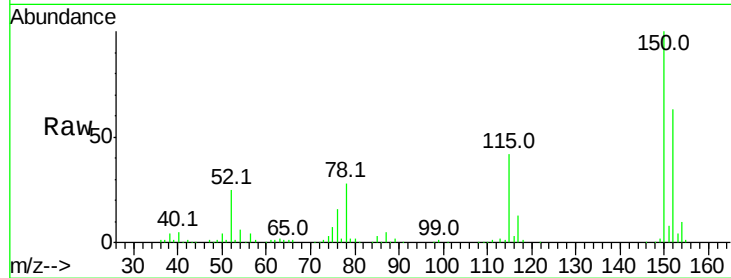
150 158.4 123.8 185.6

115 66.2 39.6 59.4#

Manual Integrations  
APPROVED

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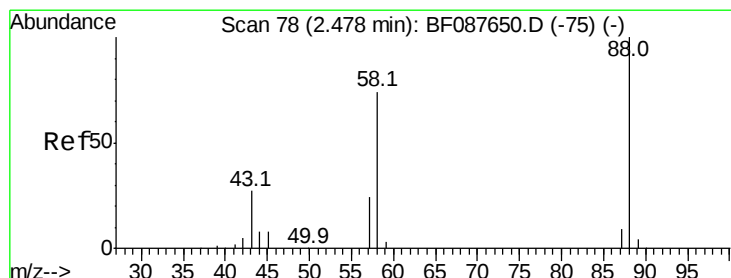
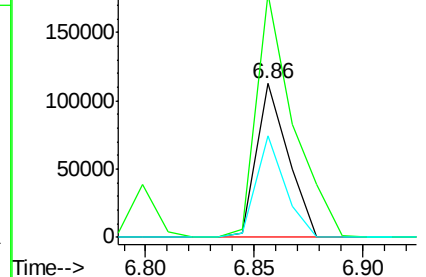
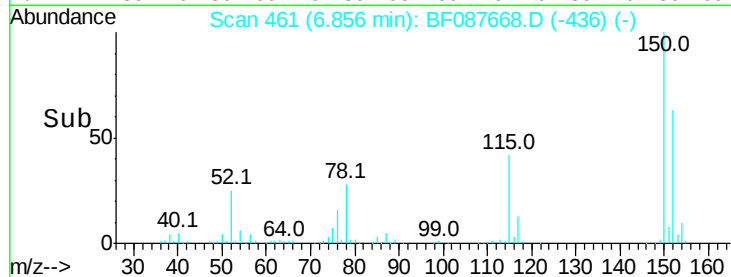
6/6/2016 7:18:10 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.35 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.10 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

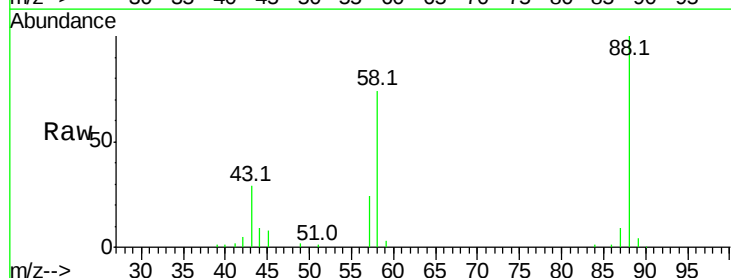
Tgt Ion: 88 Resp: 99716

Ion Ratio Lower Upper

88 100

58 76.1 0.0 0.0#

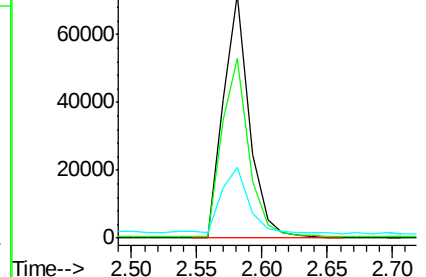
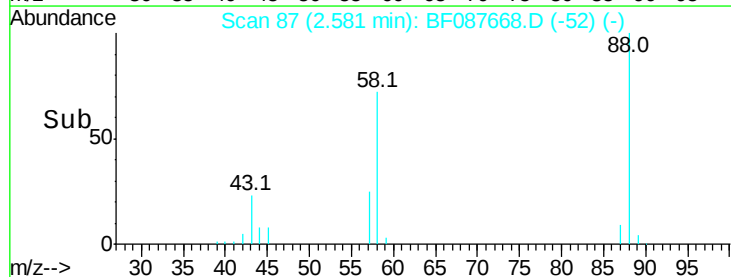
43 31.3 3.4 5.2#

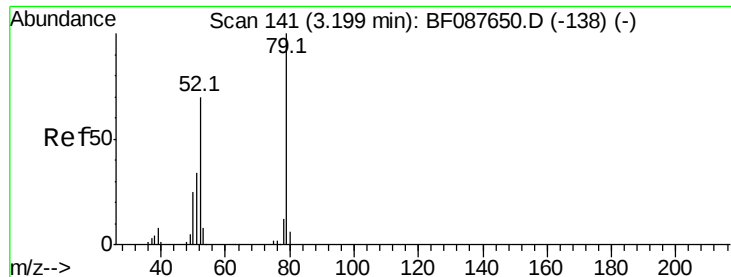


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





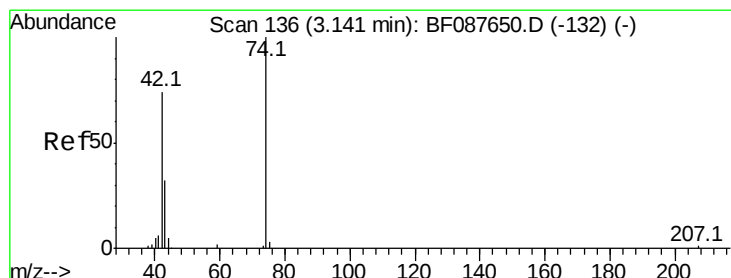
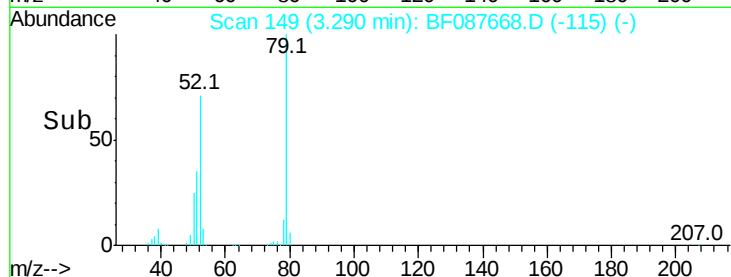
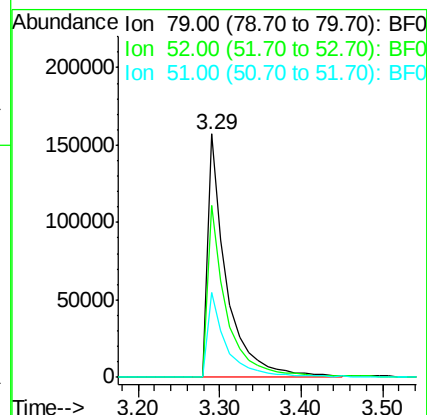
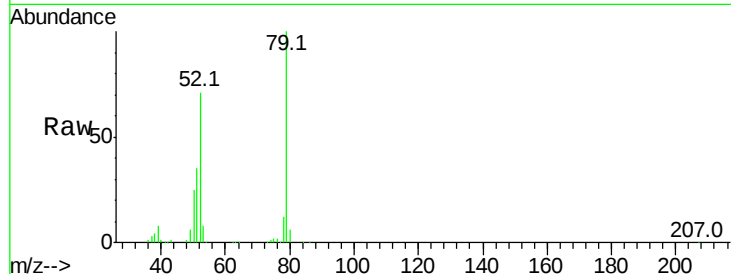
#3  
 Pvridine  
 Concen: 28.59 ng  
 RT: 3.29 min Scan# 149  
 Delta R.T. 0.09 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 256594 |       |       |
| 52      | 70.6  |        | 56.3  | 84.5  |
| 51      | 34.7  |        | 27.4  | 41.2  |

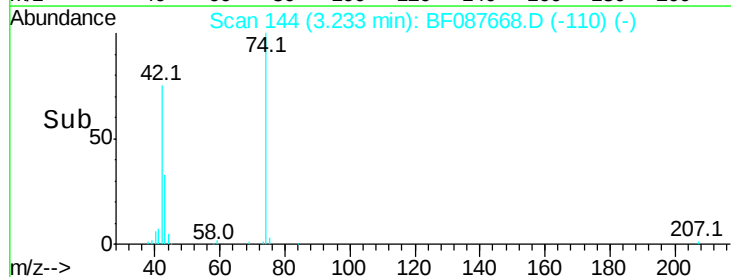
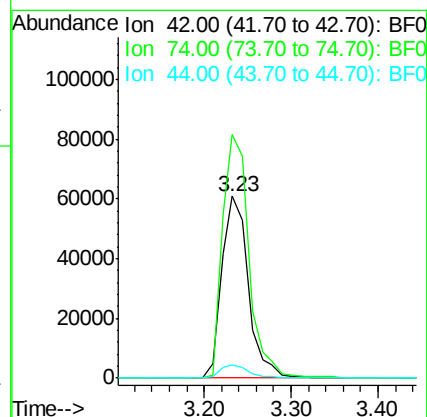
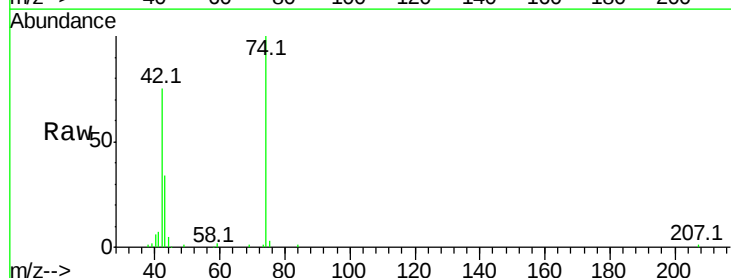
Manual Integrations  
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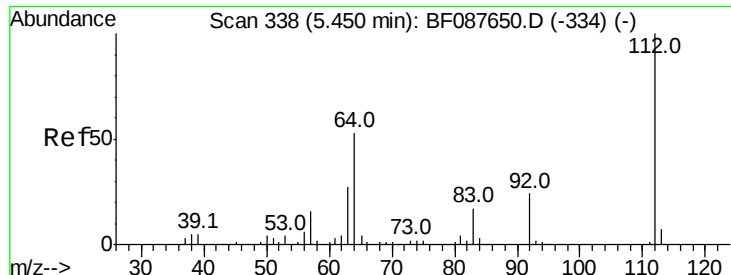
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#4  
 n-Nitrosodimethylamine  
 Concen: 34.19 ng  
 RT: 3.23 min Scan# 144  
 Delta R.T. 0.09 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 42      | 100   | 129624 |       |       |
| 74      | 133.7 |        | 108.6 | 163.0 |
| 44      | 7.1   |        | 5.5   | 8.3   |





#5

2-Fluorophenol

Concen: 71.67 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

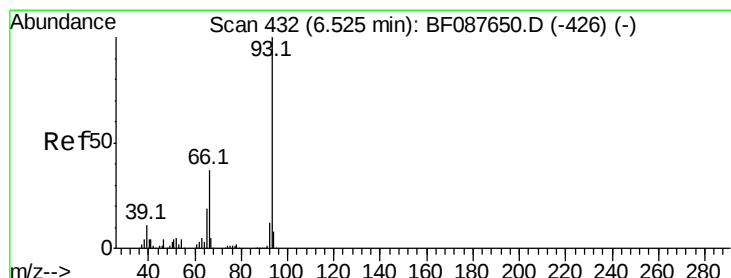
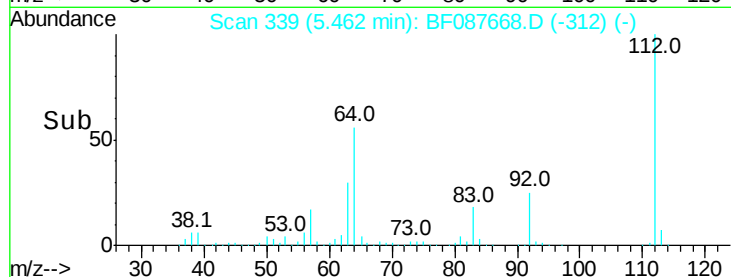
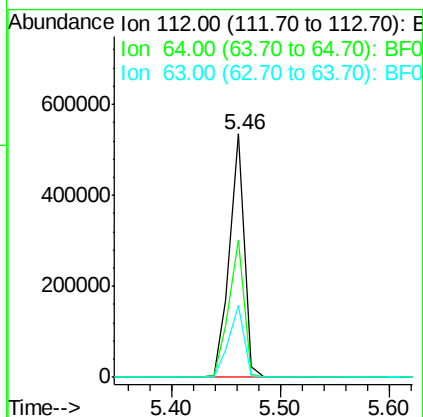
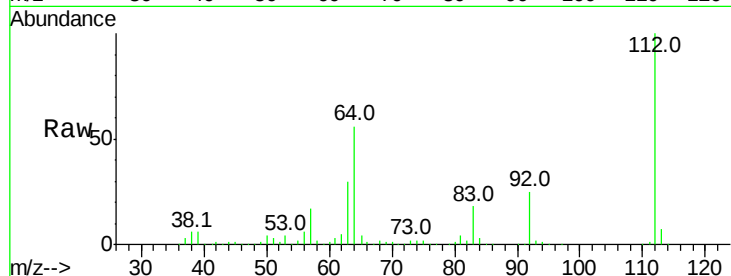
ClientSampleId :

PB91075BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 503677 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.3  | 42.2  | 63.2   |
| 63        | 29.5  | 21.8  | 32.8   |

Manual Integrations  
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#6

Aniline

Concen: 19.65 ng

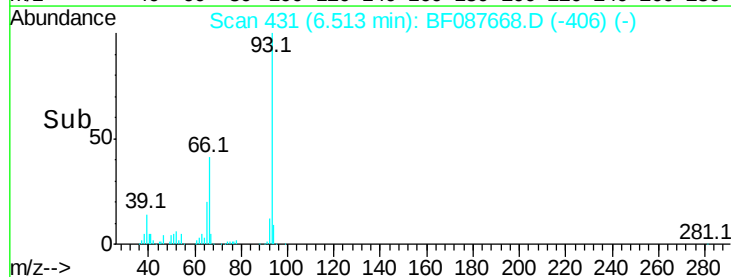
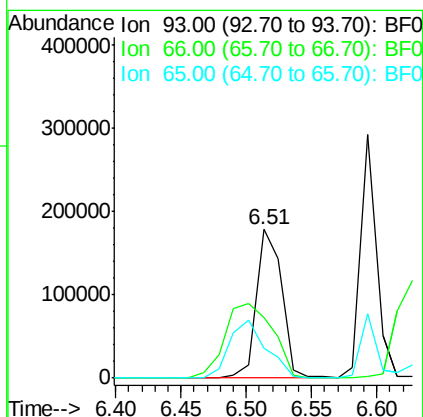
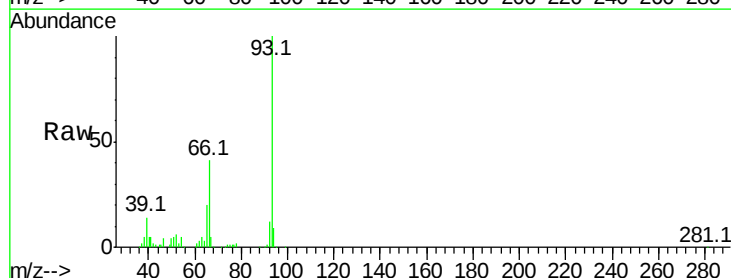
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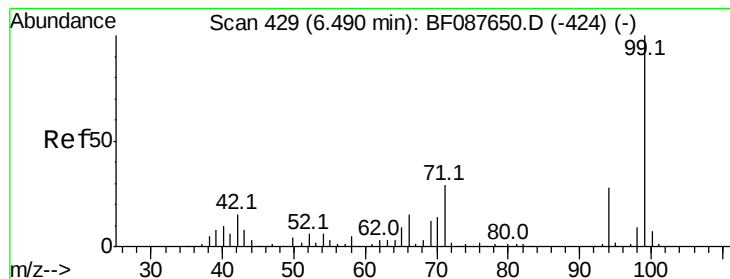
Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 245539 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.0  | 29.8  | 44.8   |
| 65        | 20.3  | 14.9  | 22.3   |





#7

Phenol-d6

Concen: 75.34 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

ClientSampleId :

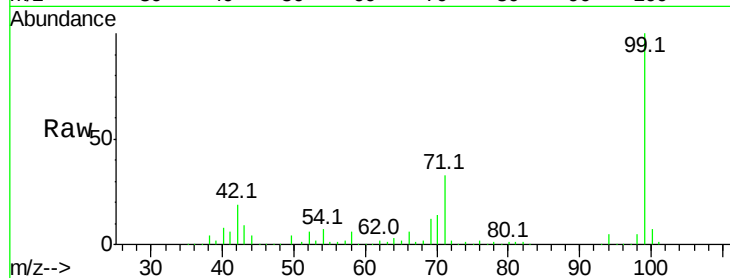
PB91075BS

Tot Ion: 99 Resp: 664057

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.6  | 12.2  | 18.2# |
| 71  | 32.9  | 23.4  | 35.0  |

Manual Integrations  
APPROVED

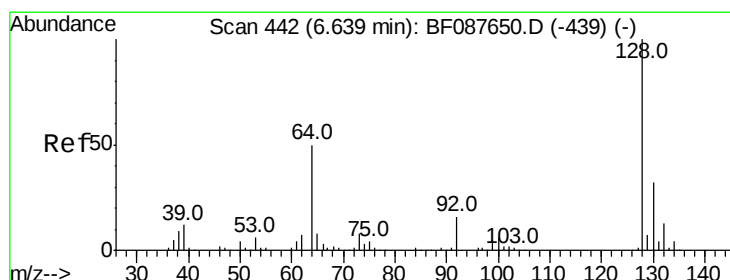
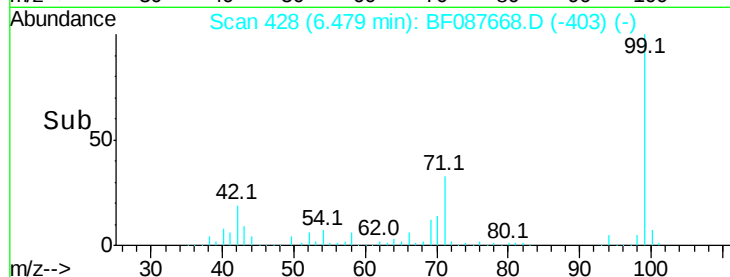
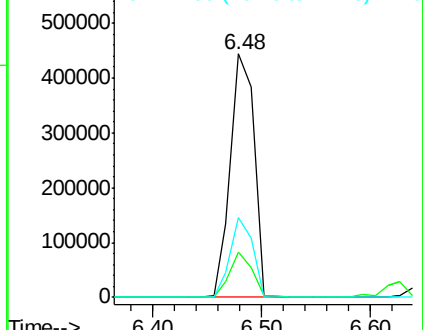
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.20 ng

RT: 6.64 min Scan# 442

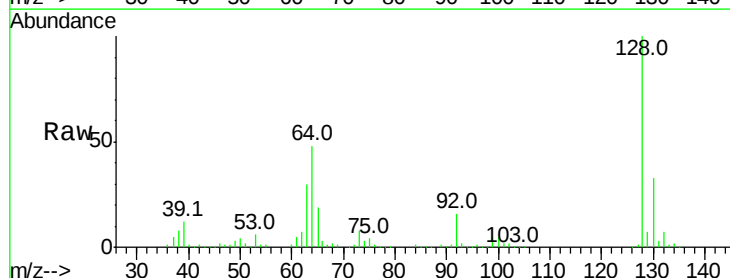
Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Tgt Ion: 128 Resp: 284721

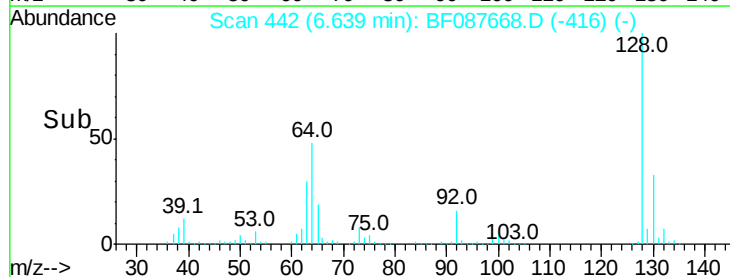
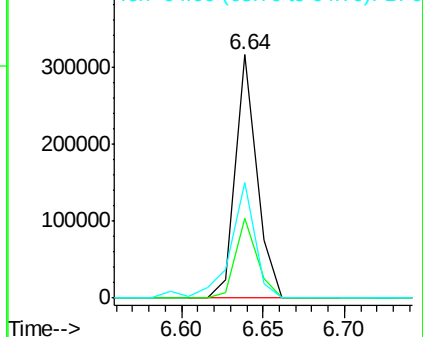
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.6  | 12.0  | 52.0  |
| 64  | 47.7  | 30.8  | 70.8  |

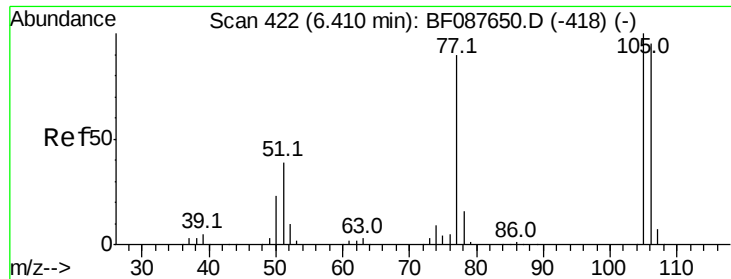


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.15 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

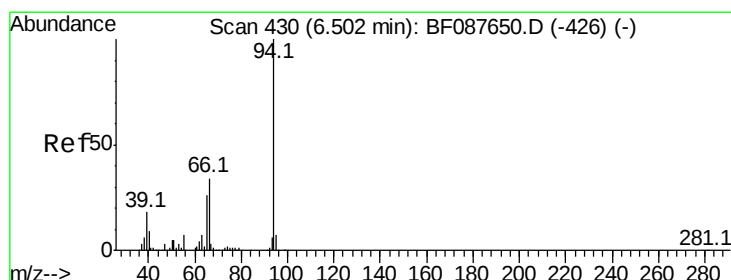
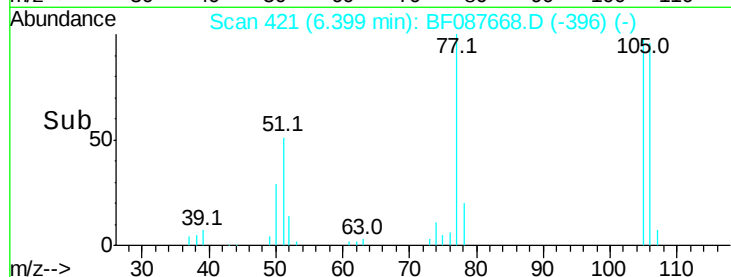
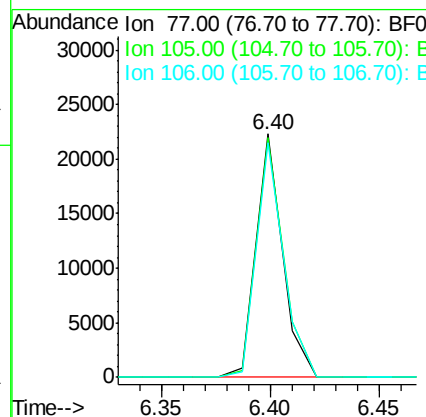
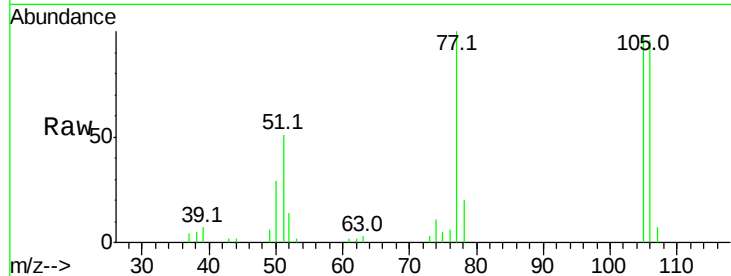
ClientSampleId :

PB91075BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 77    | Resp: | 18780 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 98.2  | 90.6  | 130.6 |
| 106       | 96.3  | 85.3  | 125.3 |

Manual Integrations  
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#10

Phenol

Concen: 35.72 ng

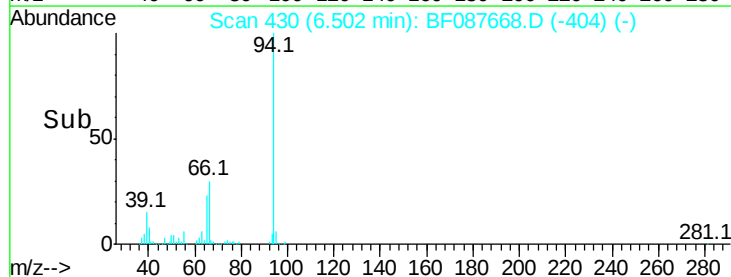
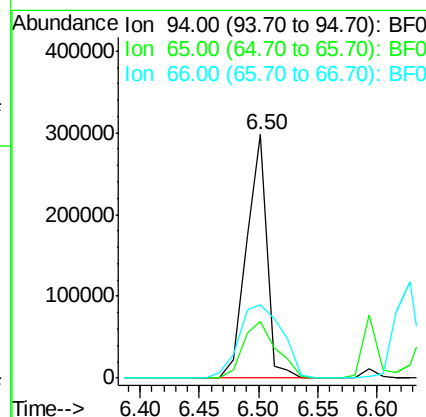
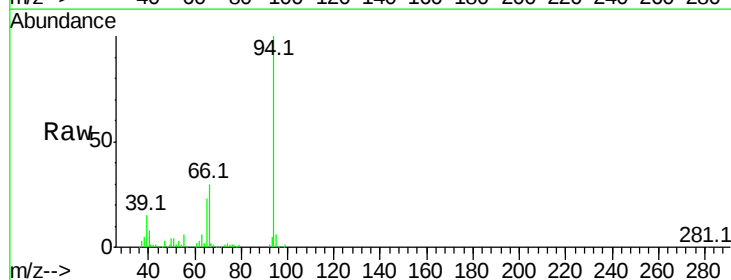
RT: 6.50 min Scan# 430

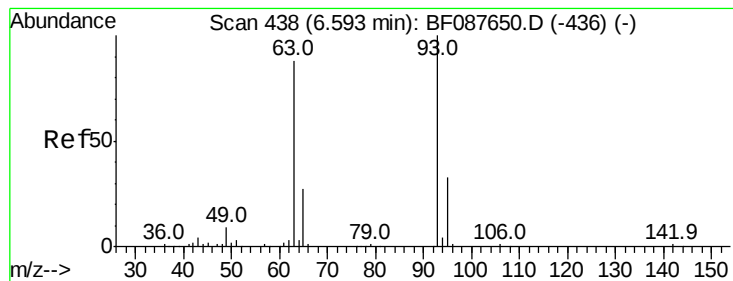
Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 358507 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 23.5  | 5.9   | 45.9   |
| 66        | 30.3  | 14.0  | 54.0   |





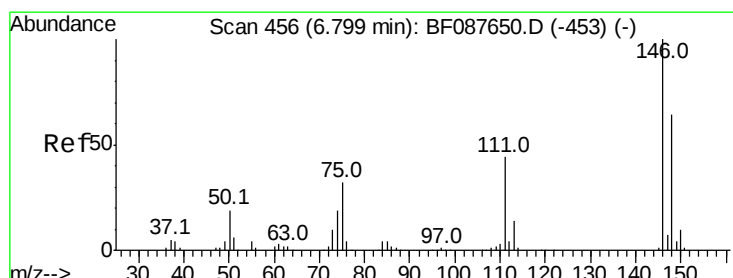
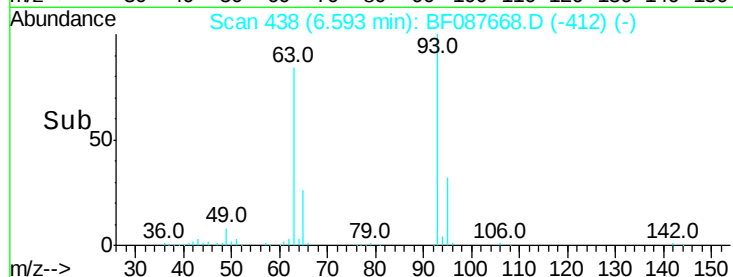
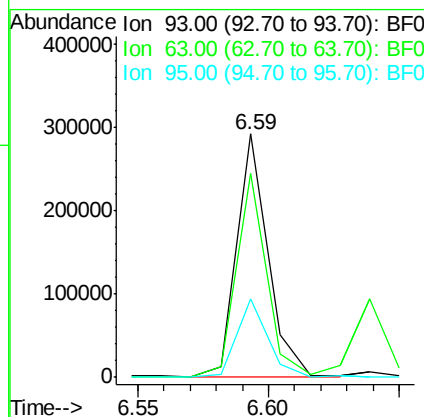
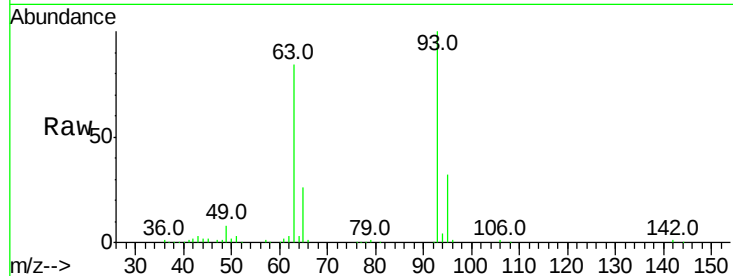
#11  
bis(2-Chloroethyl)ether  
Concen: 33.27 ng  
RT: 6.59 min Scan# 438  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 242635 |       |       |
| 63      | 83.7  |        | 67.6  | 107.6 |
| 95      | 32.4  |        | 12.5  | 52.5  |

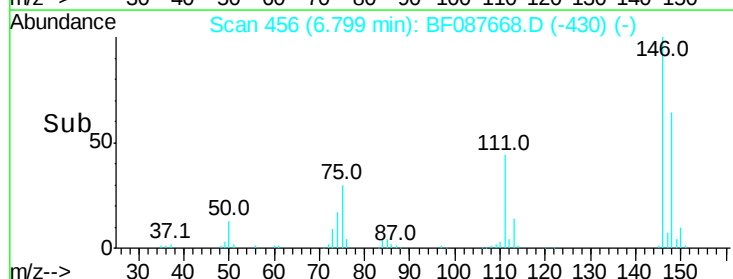
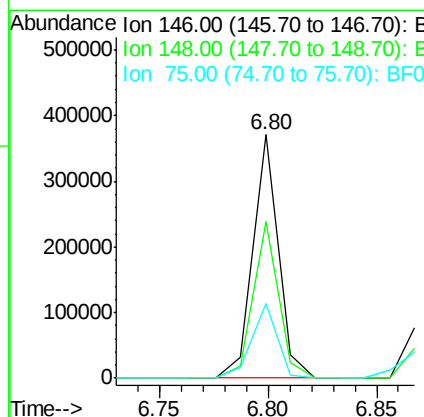
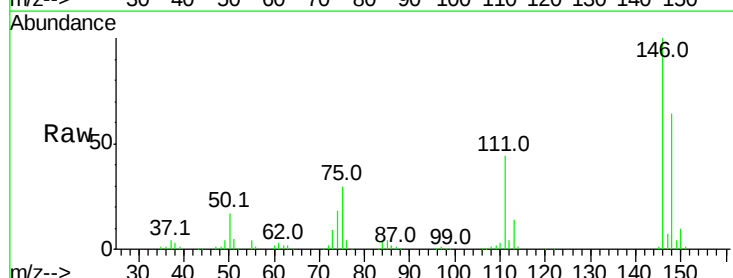
Manual Integrations  
APPROVED

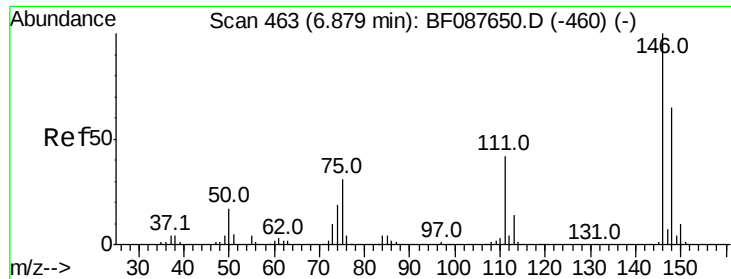
SOHIL  
6/6/2016 7:18:10 PM



#12  
1,3-Dichlorobenzene  
Concen: 34.80 ng  
RT: 6.80 min Scan# 456  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 301316 |       |       |
| 148     | 64.3  |        | 50.9  | 76.3  |
| 75      | 30.5  |        | 25.6  | 38.4  |





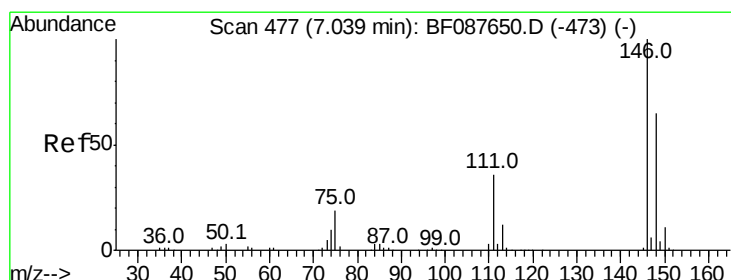
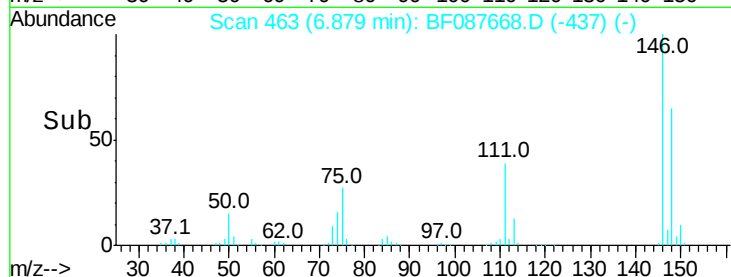
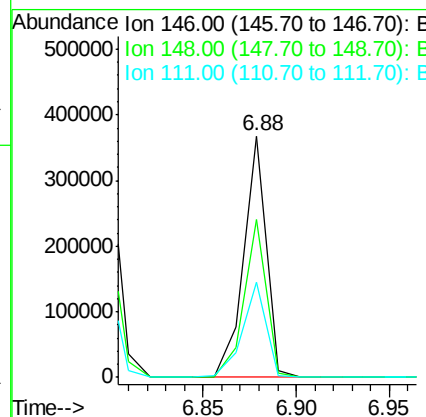
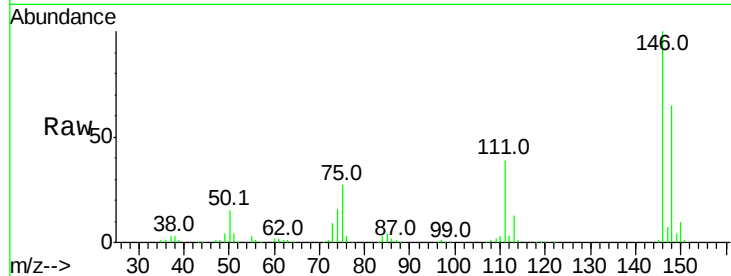
#13  
 1,4-Dichlorobenzene  
 Concen: 36.01 ng  
 RT: 6.88 min Scan# 463  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 52.0  | 78.0  |
| 111     | 39.3  | 33.8  | 50.8  |

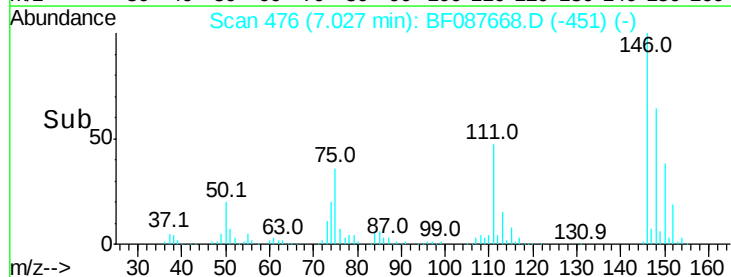
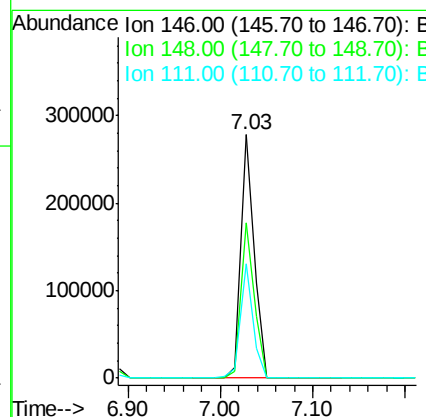
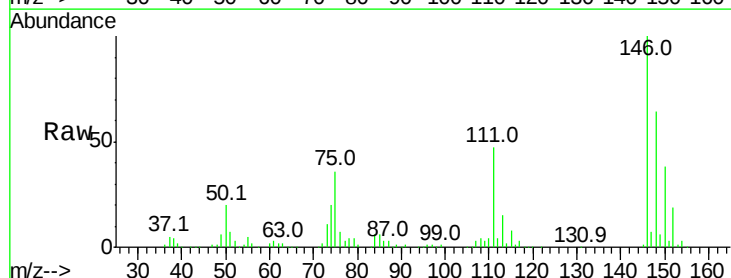
Manual Integrations  
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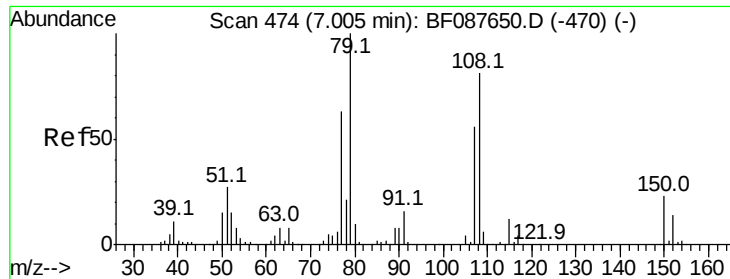
SOHIL  
 6/6/2016 7:18:10 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 33.55 ng m  
 RT: 7.03 min Scan# 476  
 Delta R.T. -0.01 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 52.3  | 78.5  |
| 111     | 47.1  | 28.7  | 43.1# |





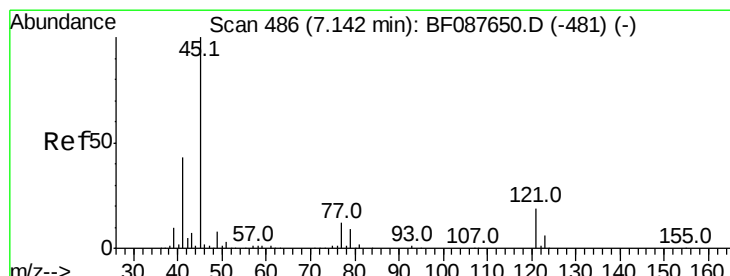
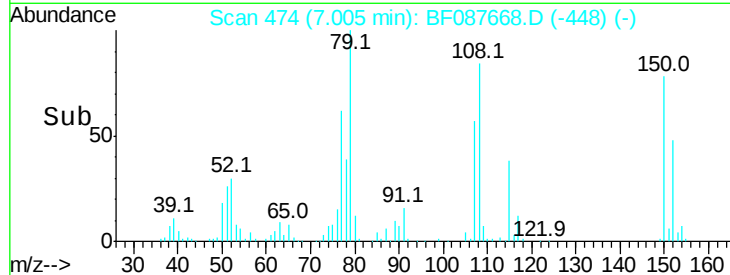
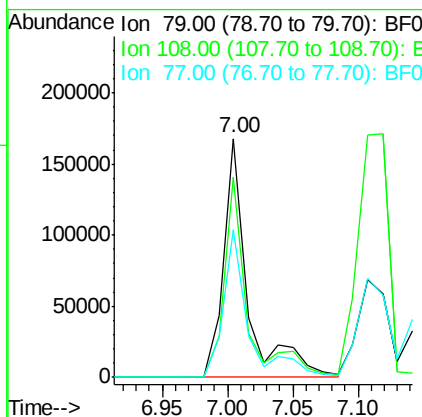
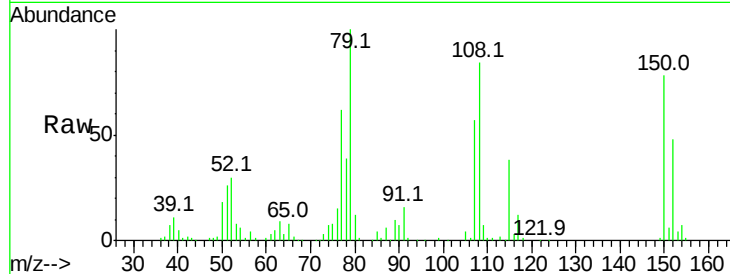
#15  
Benzyl Alcohol  
Concen: 33.64 ng  
RT: 7.00 min Scan# 474  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 83.7  | 65.0  | 97.6  |
| 77      | 61.7  | 50.3  | 75.5  |

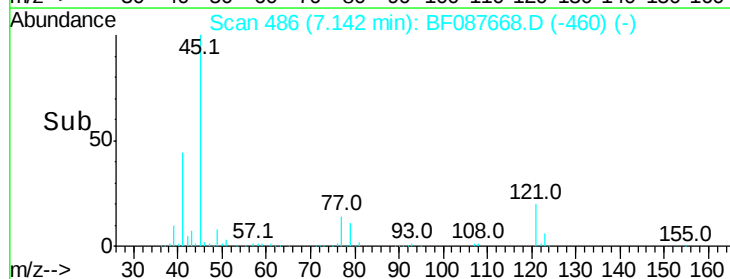
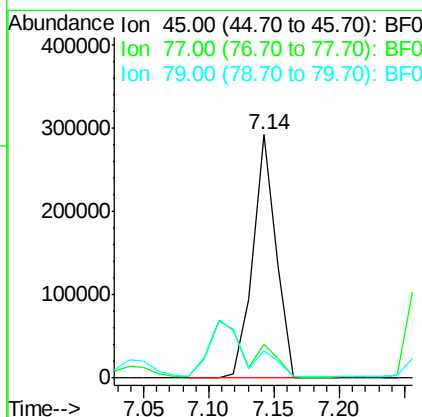
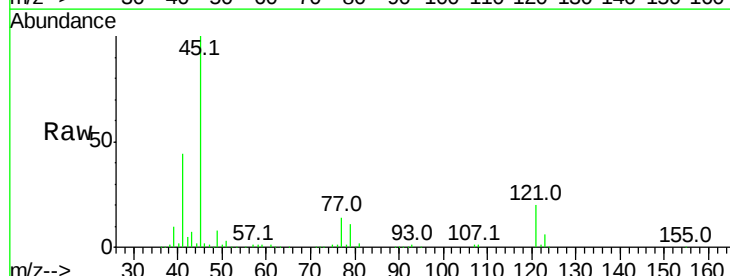
Manual Integrations  
APPROVED

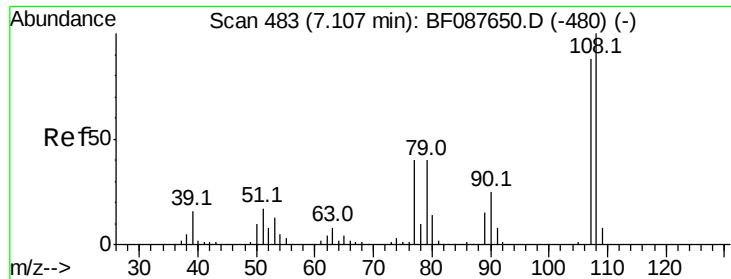
SOHIL  
6/6/2016 7:18:10 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 33.97 ng  
RT: 7.14 min Scan# 486  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.0  | 0.0   | 32.5  |
| 79      | 11.1  | 0.0   | 29.5  |





#17

2-Methylphenol

Concen: 38.39 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

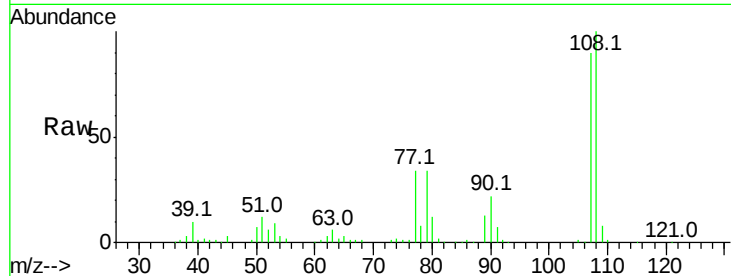
ClientSampled :

PB91075BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.6 | 90.9 | 136.3 |       |
| 77      | 37.8  | 36.6 | 55.0  |       |
| 79      | 38.2  | 36.5 | 54.7  |       |

Manual Integrations  
APPROVED

SOHIL  
6/6/2016 7:18:10 PM



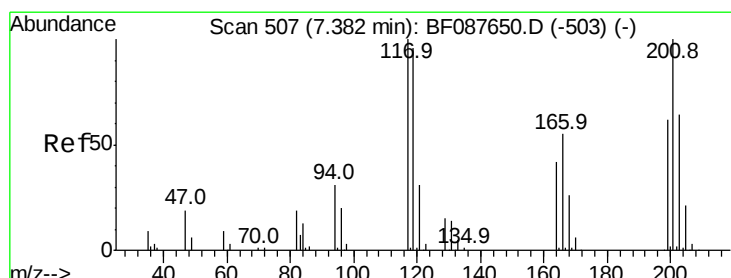
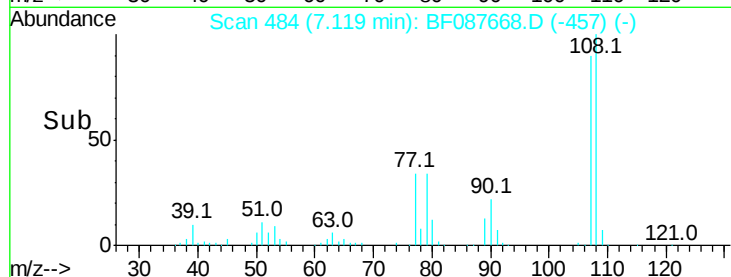
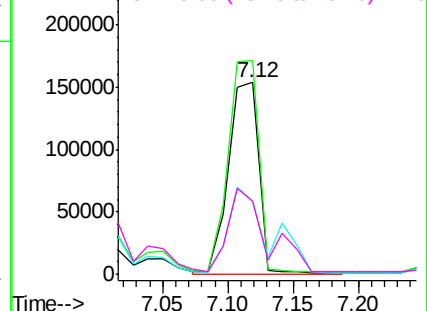
Abundance

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: 35.48 ng

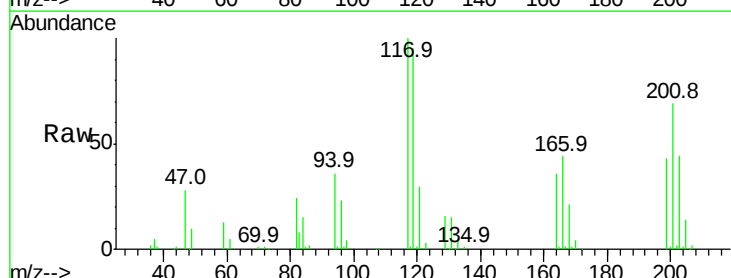
RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.0  | 77.4 | 116.2 |       |
| 201     | 69.0  | 80.4 | 120.6 |       |

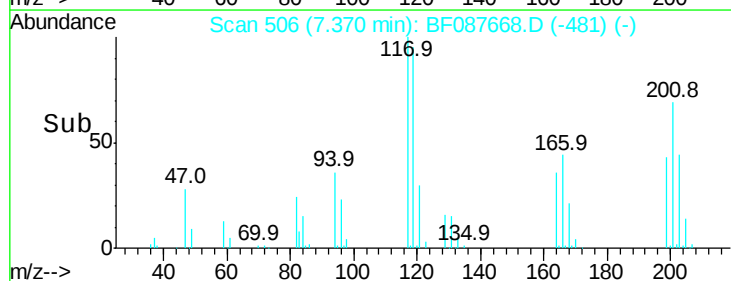
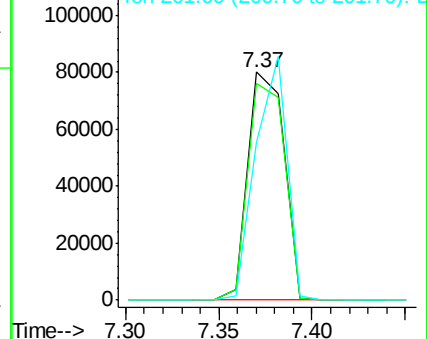


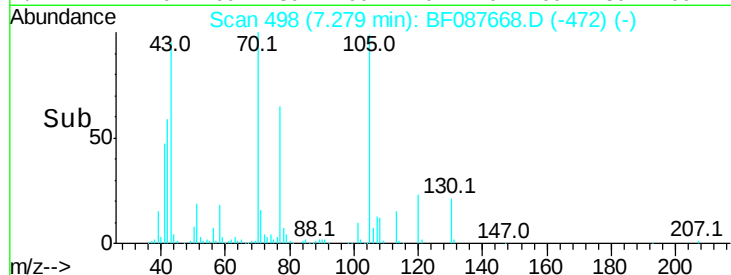
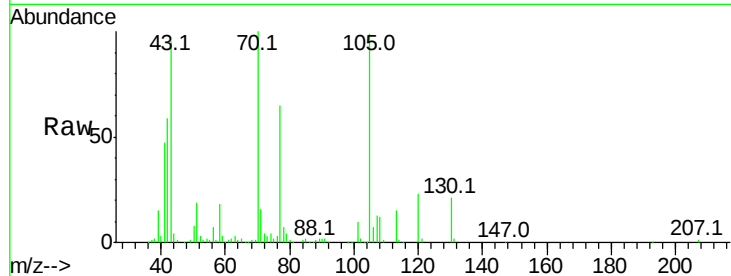
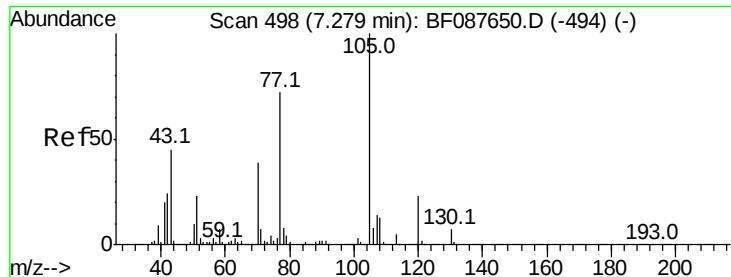
Abundance

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





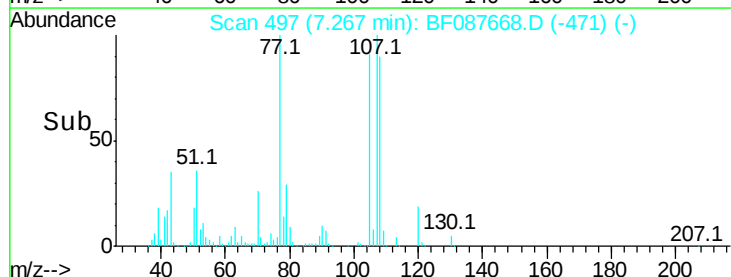
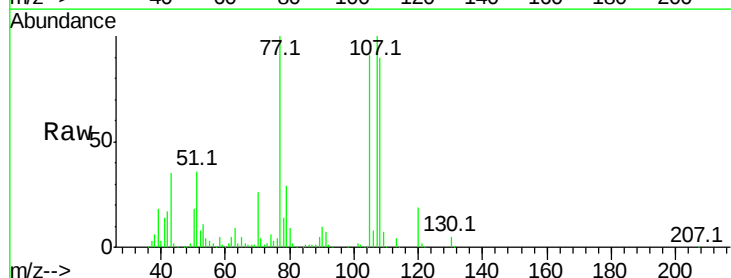
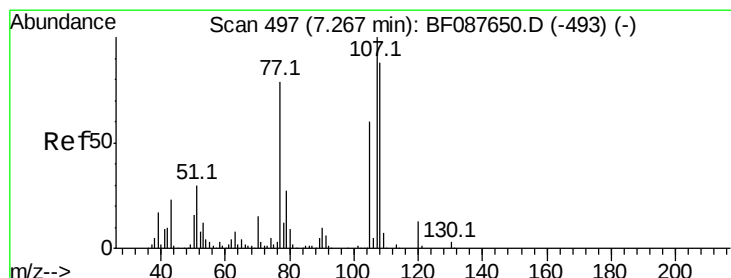
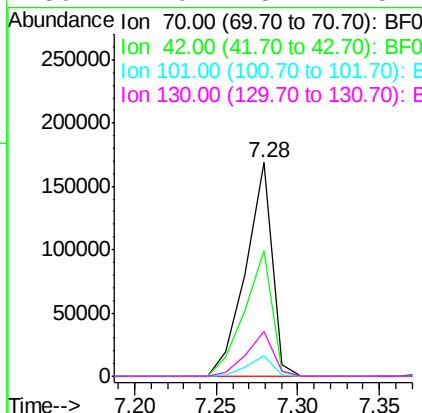
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.66 ng  
RT: 7.28 min Scan# 498  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

Manual Integrations  
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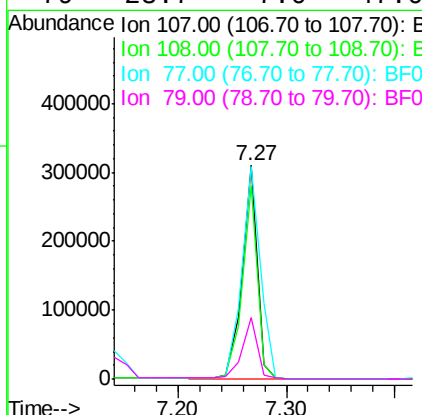
SOHIL  
6/6/2016 7:18:10 PM

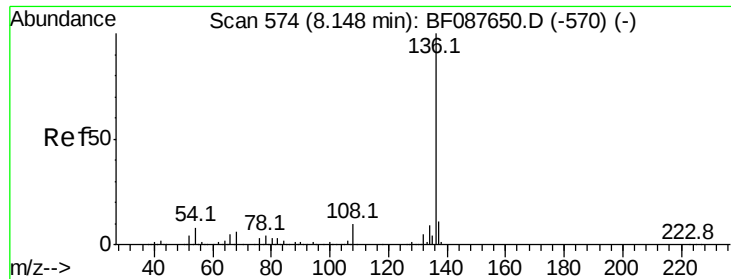
| Tot Ion   | 70    | Resp  | 190775 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 58.6  | 49.6  | 74.4   |
| 101       | 9.6   | 7.1   | 10.7   |
| 130       | 21.0  | 15.4  | 23.2   |



#20  
3+4-Methylphenols  
Concen: 37.18 ng  
RT: 7.27 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion   | 107   | Resp  | 295786 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 90.4  | 67.8  | 107.8  |
| 77        | 99.7  | 59.3  | 99.3#  |
| 79        | 28.7  | 7.0   | 47.0   |





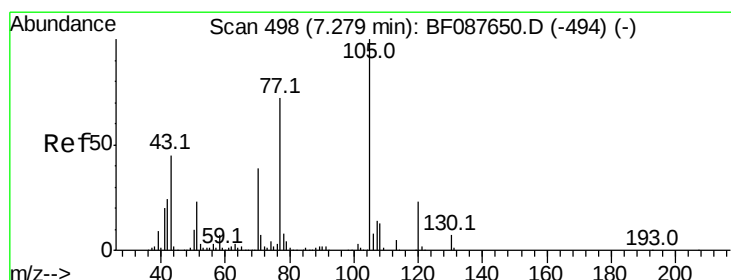
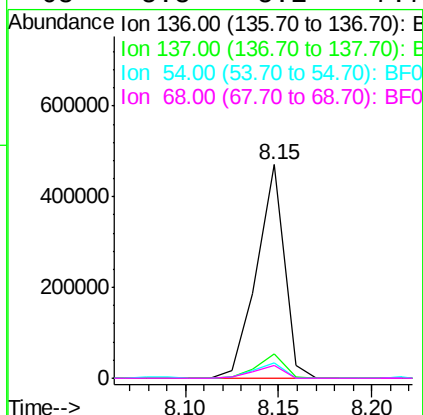
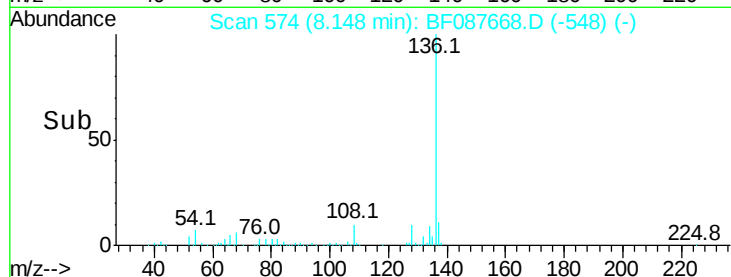
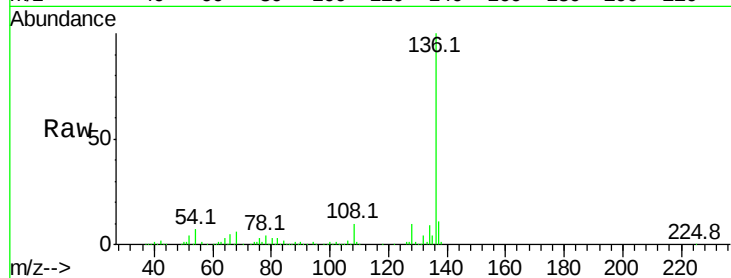
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.15 min Scan# 574  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 479601 |       |       |
| 137     | 11.1  | 9.1    | 13.7  |       |
| 54      | 7.1   | 6.6    | 10.0  |       |
| 68      | 5.8   | 5.1    | 7.7   |       |

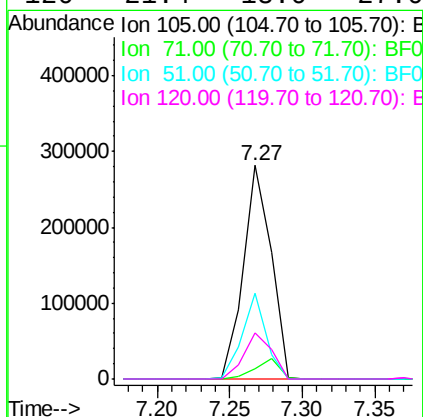
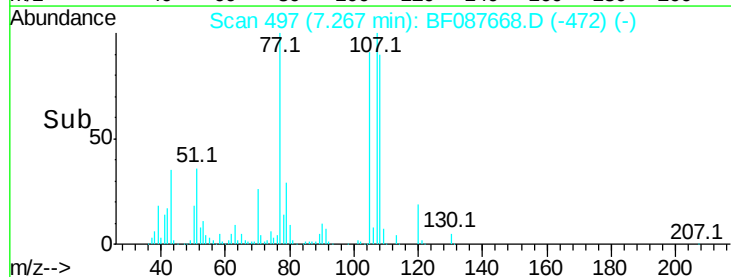
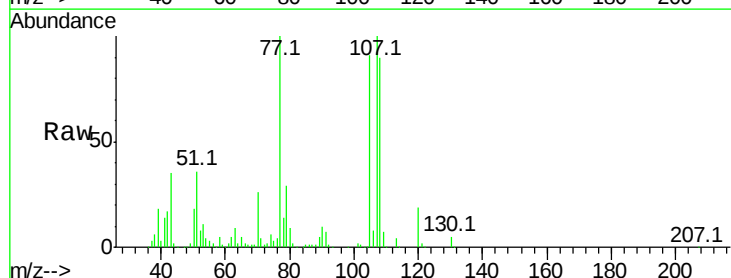
Manual Integrations  
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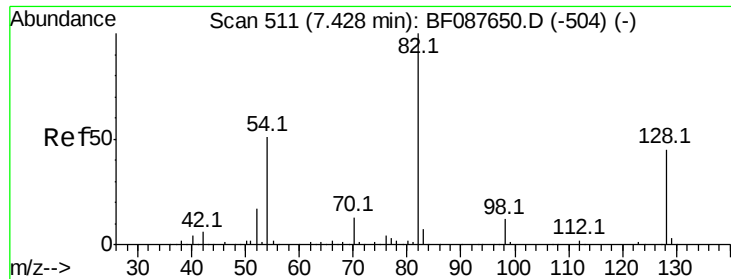
SOHIL  
6/6/2016 7:18:10 PM



#22  
Acetophenone  
Concen: 34.27 ng  
RT: 7.27 min Scan# 497  
Delta R.T. -0.01 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 372269 |       |       |
| 71      | 4.9   | 5.3    | 7.9#  |       |
| 51      | 40.2  | 18.2   | 27.4# |       |
| 120     | 21.4  | 18.0   | 27.0  |       |





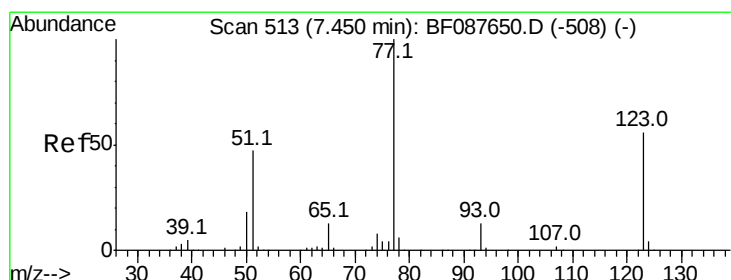
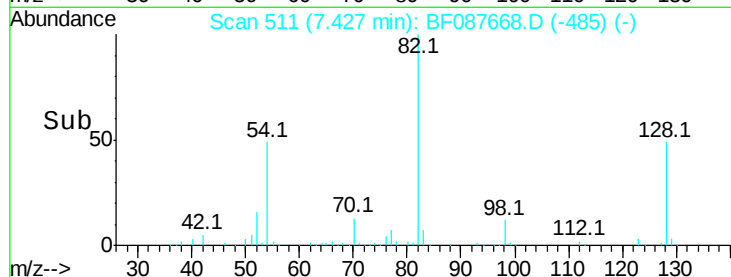
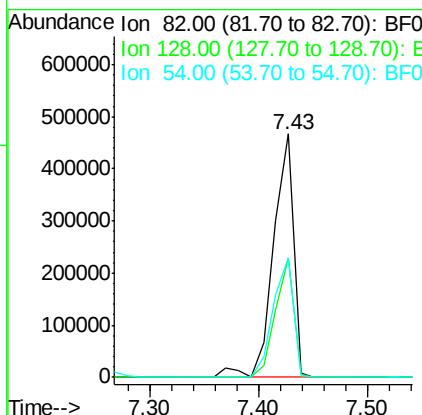
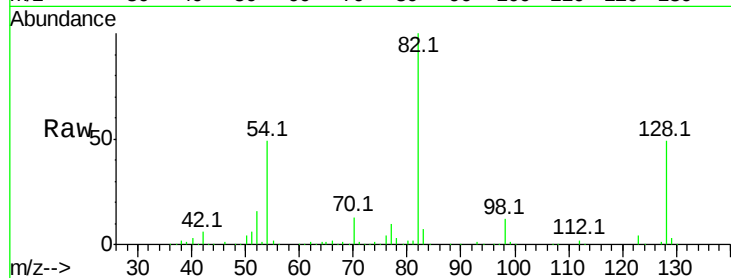
#23  
 Nitrobenzene-d5  
 Concen: 72.66 ng  
 RT: 7.43 min Scan# 511  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 49.0  | 35.9  | 53.9  |
| 54      | 49.0  | 40.9  | 61.3  |

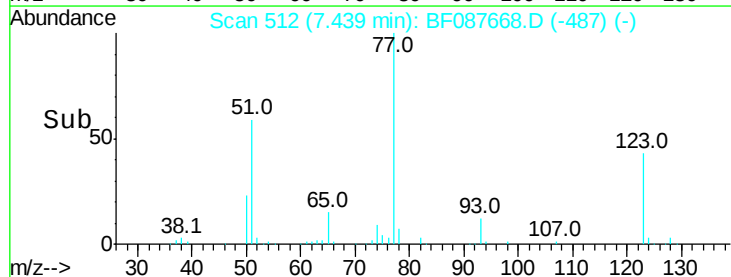
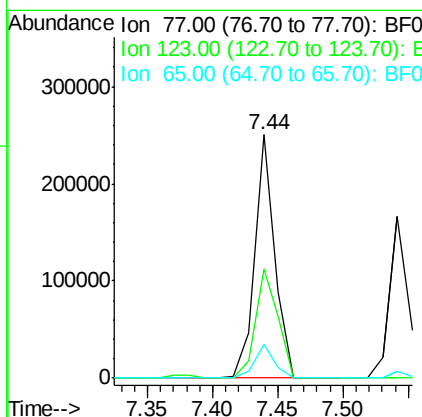
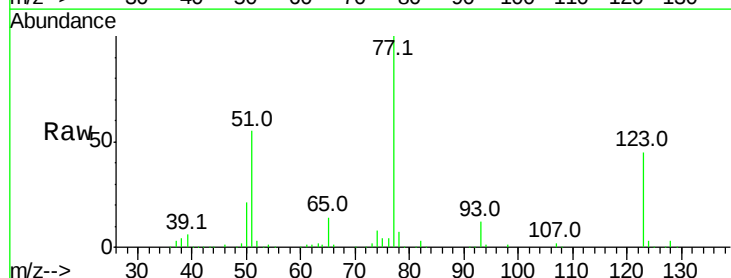
Manual Integrations  
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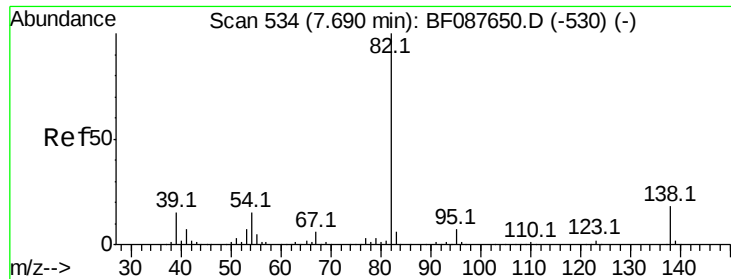
SOHIL  
 6/6/2016 7:18:10 PM



#24  
 Nitrobenzene  
 Concen: 32.25 ng  
 RT: 7.44 min Scan# 512  
 Delta R.T. -0.01 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.7  | 45.0  | 67.4# |
| 65      | 13.8  | 10.2  | 15.2  |





#25

Isophorone

Concen: 35.37 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

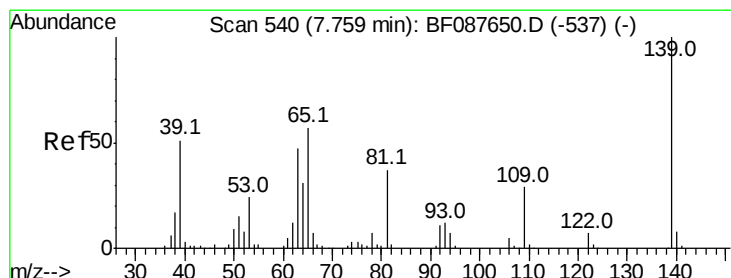
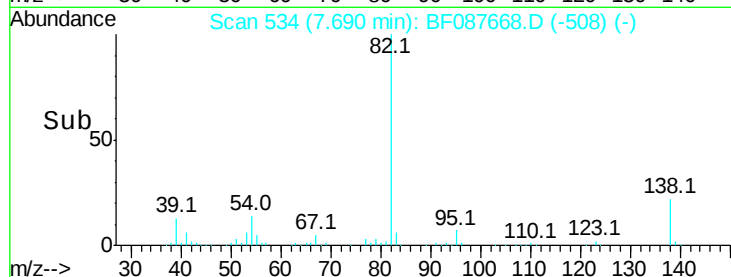
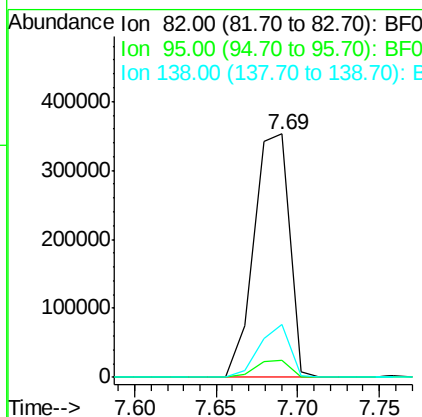
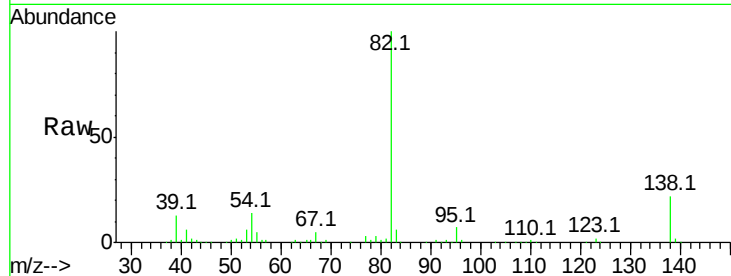
ClientSampleId :

PB91075BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 533741 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.1   | 5.4   | 8.2    |
| 138       | 21.5  | 14.6  | 21.8   |

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#26

2-Nitrophenol

Concen: 34.91 ng

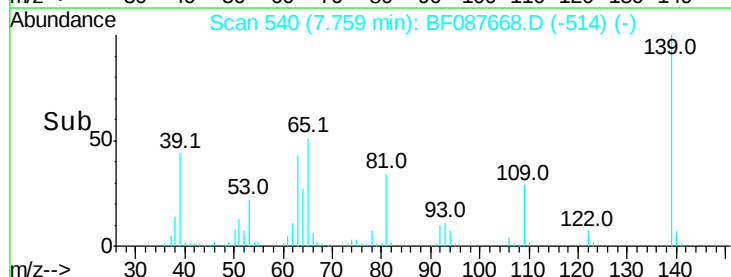
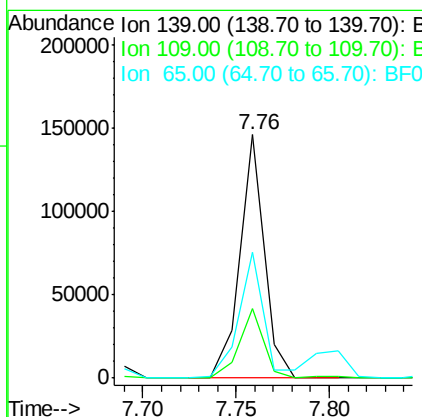
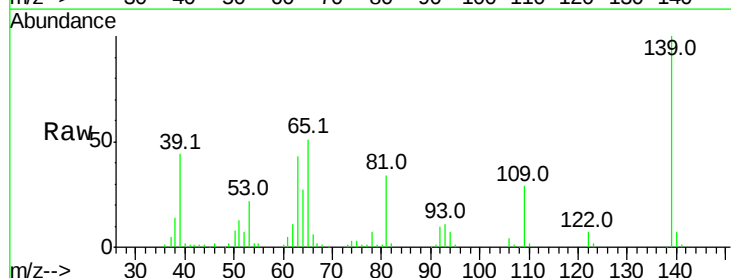
RT: 7.76 min Scan# 540

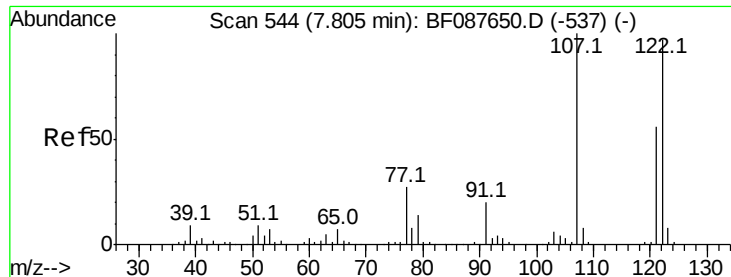
Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 134563 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.5  | 23.0  | 34.4   |
| 65        | 51.5  | 45.8  | 68.8   |





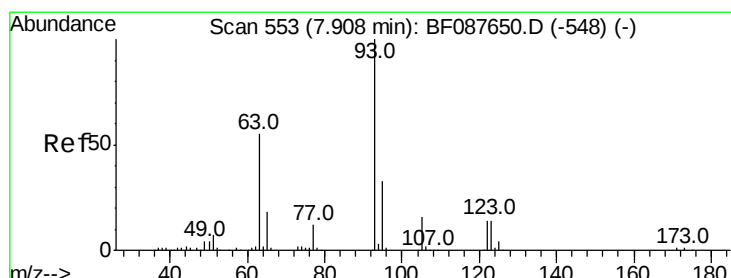
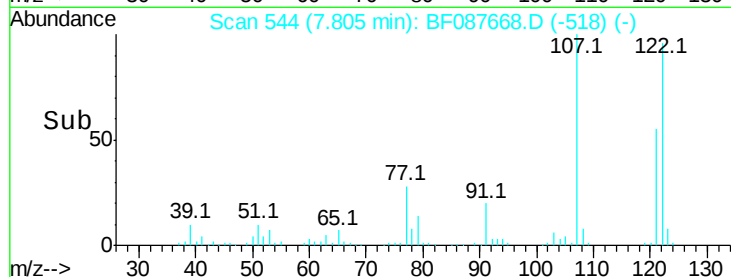
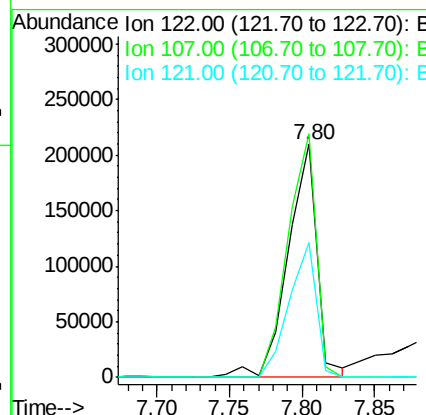
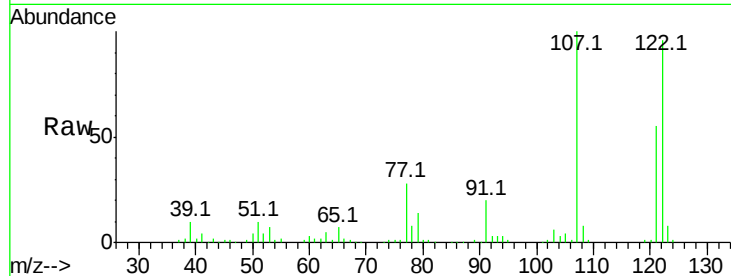
#27  
2,4-Dimethylphenol  
Concen: 36.35 ng  
RT: 7.80 min Scan# 544  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 290430 |       |       |
| 107     | 104.5 | 82.4   | 123.6 |       |
| 121     | 57.7  | 46.3   | 69.5  |       |

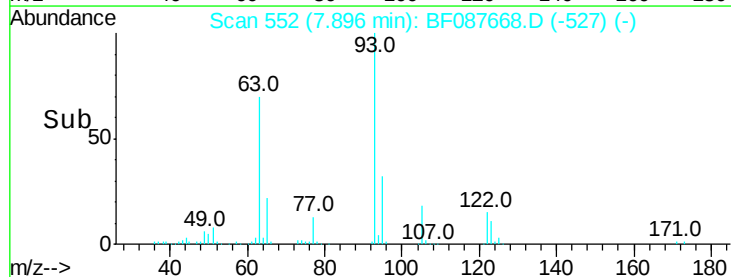
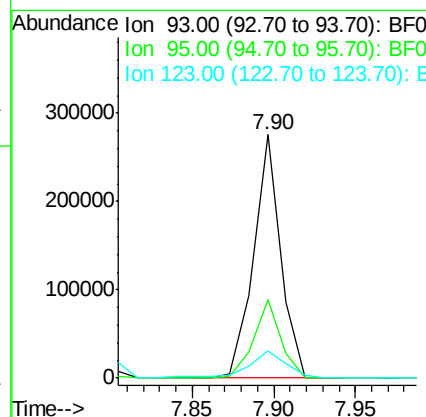
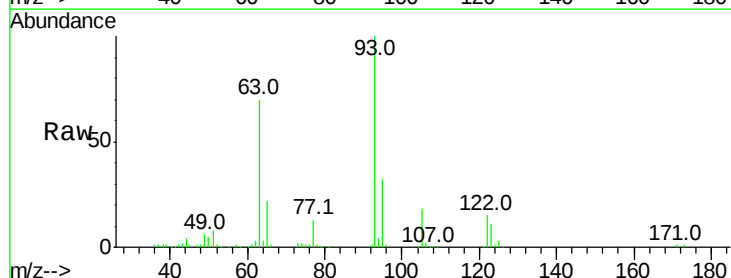
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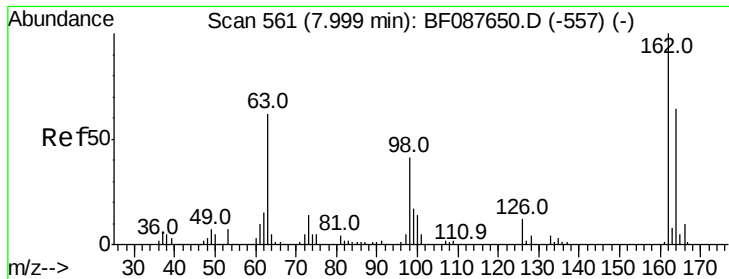
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#28  
bis(2-Chloroethoxy)methane  
Concen: 33.01 ng  
RT: 7.90 min Scan# 552  
Delta R.T. -0.01 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 315972 |       |       |
| 95      | 32.3  | 26.5   | 39.7  |       |
| 123     | 11.5  | 11.6   | 17.4  |       |





#29

2,4-Dichlorophenol

Concen: 36.97 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

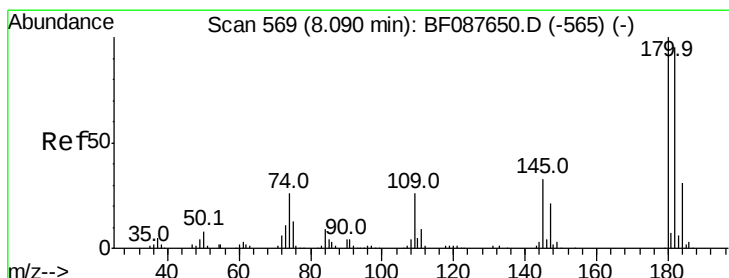
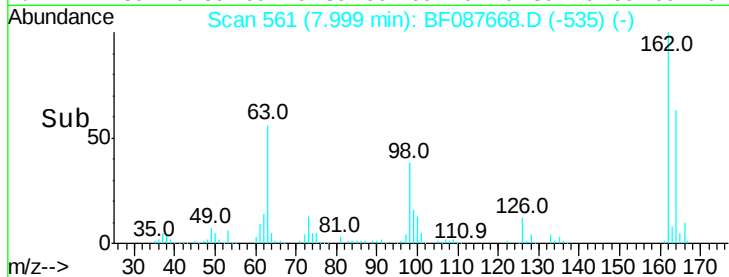
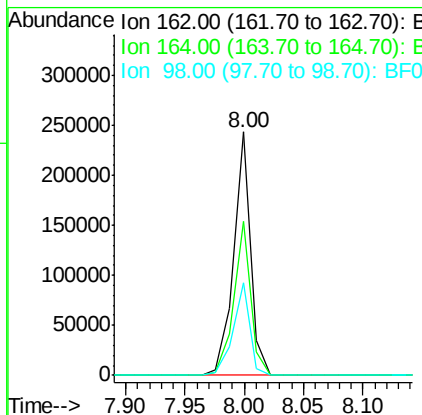
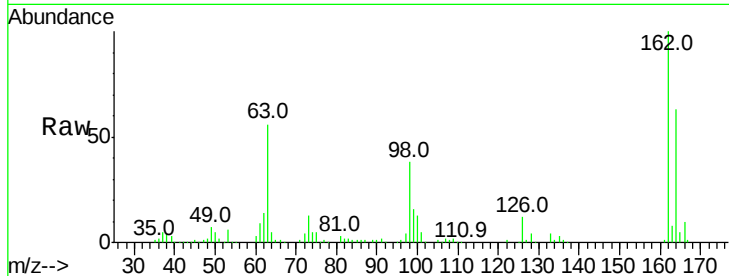
ClientSampleId :

PB91075BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 242566 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.1  | 43.8  | 83.8   |
| 98        | 38.3  | 21.3  | 61.3   |

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#30

1,2,4-Trichlorobenzene

Concen: 37.08 ng

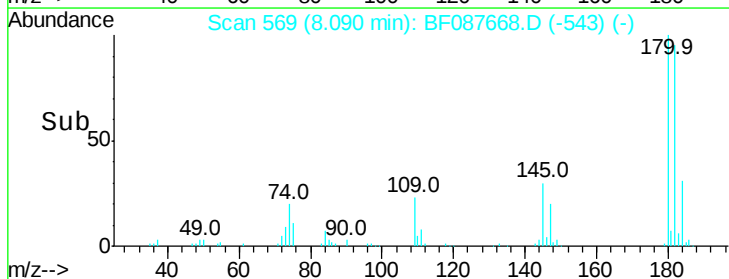
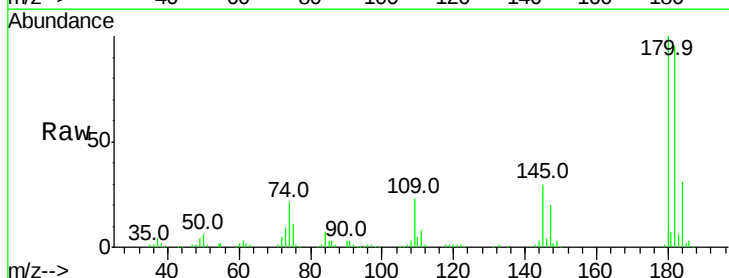
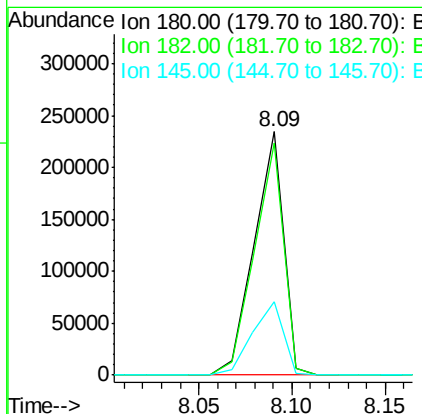
RT: 8.09 min Scan# 569

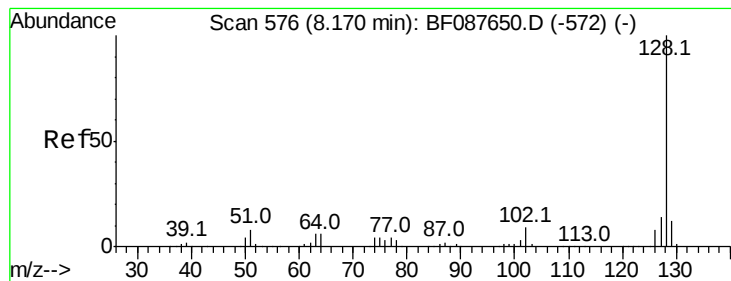
Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 254790 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.4  | 76.0  | 114.0  |
| 145       | 30.4  | 26.5  | 39.7   |





#31

Naphthalene

Concen: 37.65 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

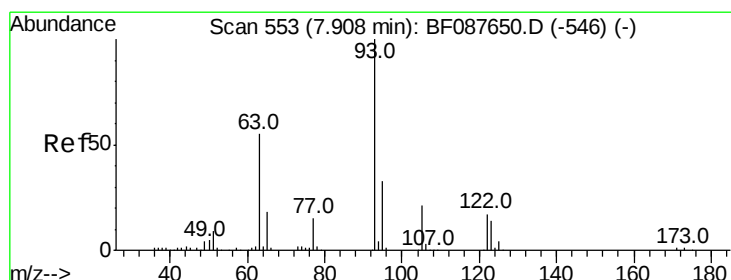
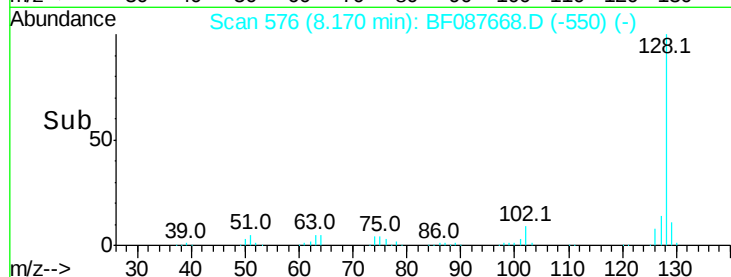
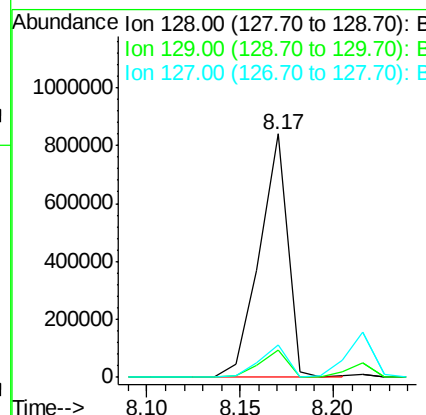
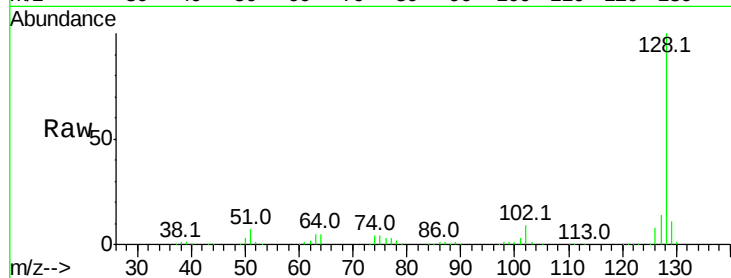
ClientSampleId :

PB91075BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 877932 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.3  | 9.4   | 14.2   |
| 127       | 13.6  | 10.9  | 16.3   |

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#32

Benzoic acid

Concen: 37.53 ng

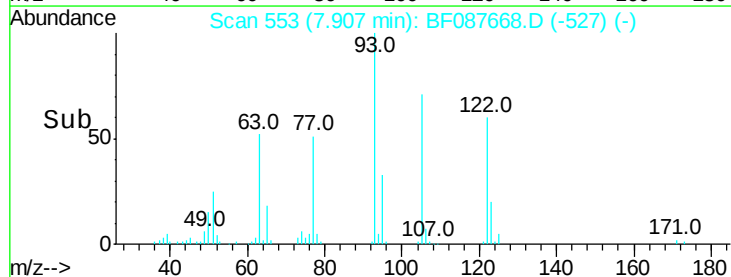
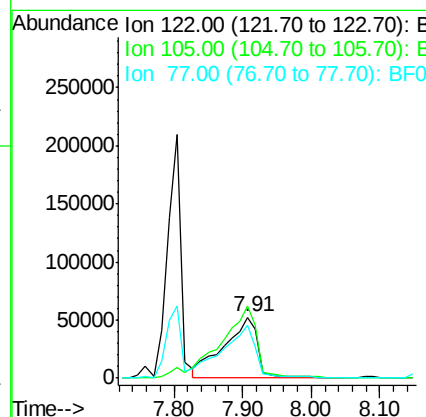
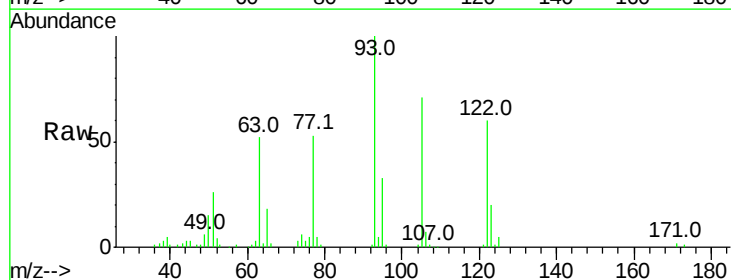
RT: 7.91 min Scan# 553

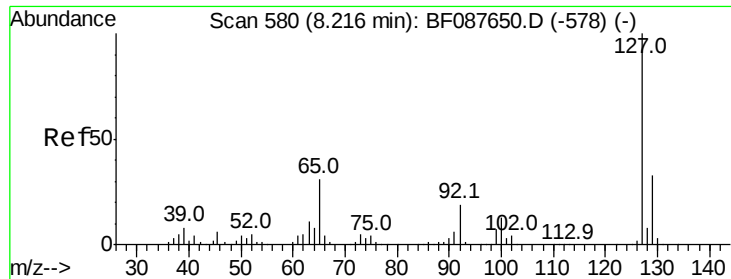
Delta R.T. 0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 180889 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 118.0 | 101.6 | 141.6  |
| 77        | 87.3  | 70.6  | 110.6  |





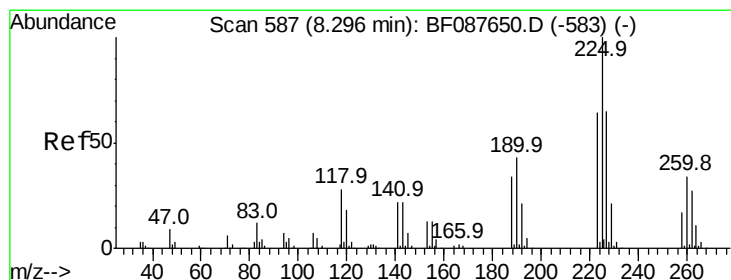
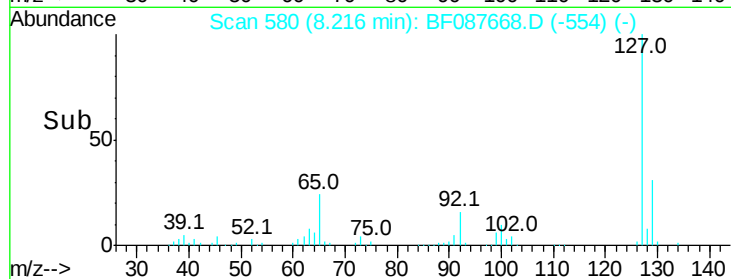
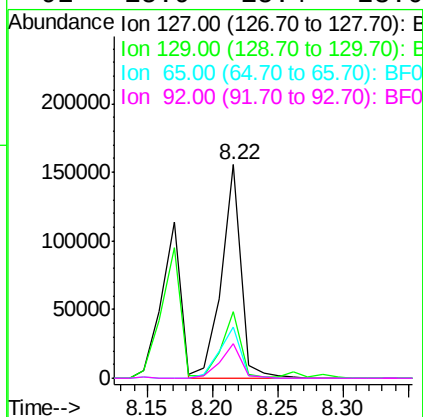
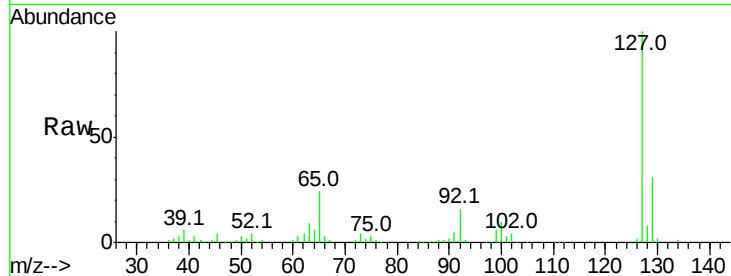
#33  
4-Chloroaniline  
Concen: 15.98 ng  
RT: 8.22 min Scan# 580  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 161905 |       |       |
| 129     | 31.2  | 26.3   | 39.5  |       |
| 65      | 24.2  | 24.7   | 37.1  |       |
| 92      | 15.9  | 15.4   | 23.0  |       |

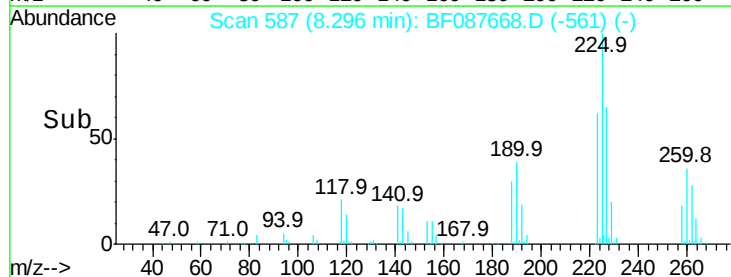
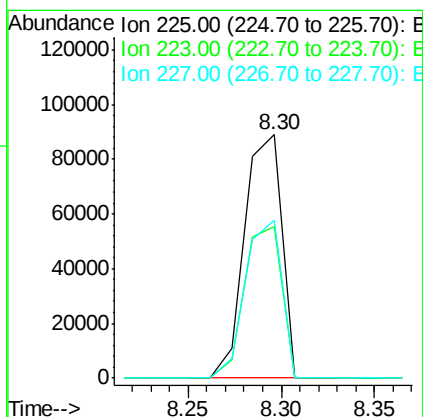
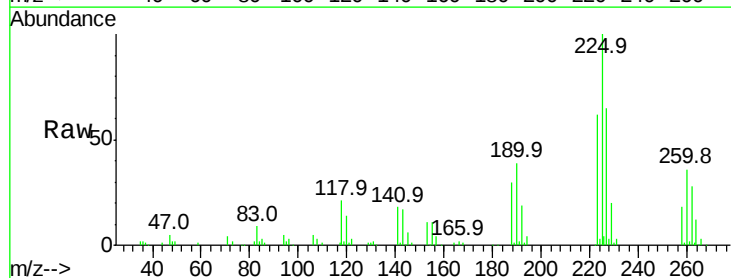
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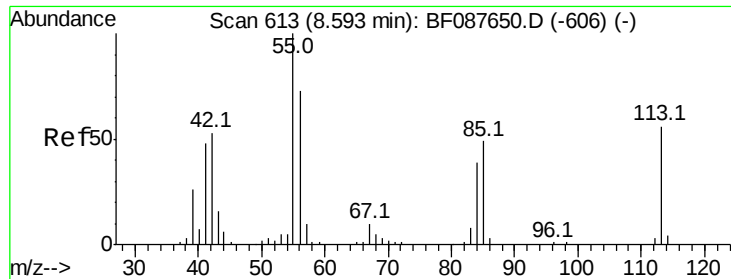
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#34  
Hexachlorobutadiene  
Concen: 34.86 ng  
RT: 8.30 min Scan# 587  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 124520 |       |       |
| 223     | 62.0  | 50.9   | 76.3  |       |
| 227     | 65.0  | 51.9   | 77.9  |       |





#35

Caprolactam

Concen: 37.69 ng/mL

RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

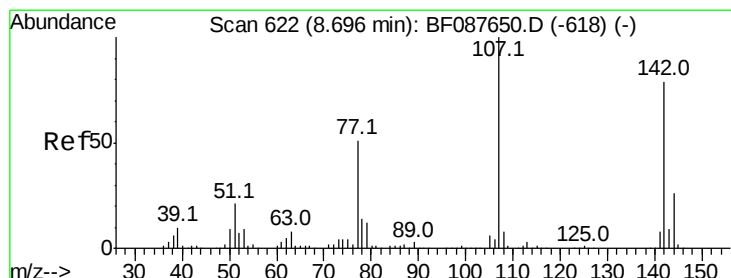
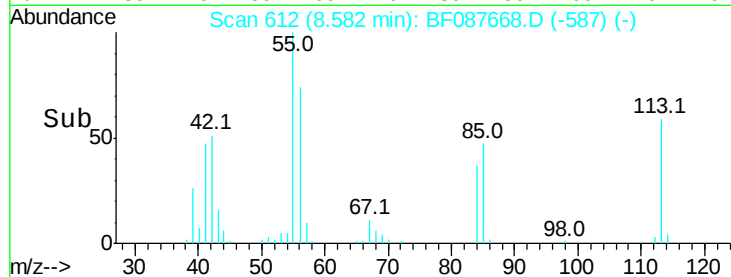
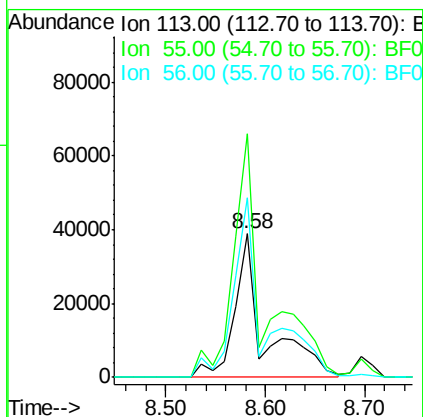
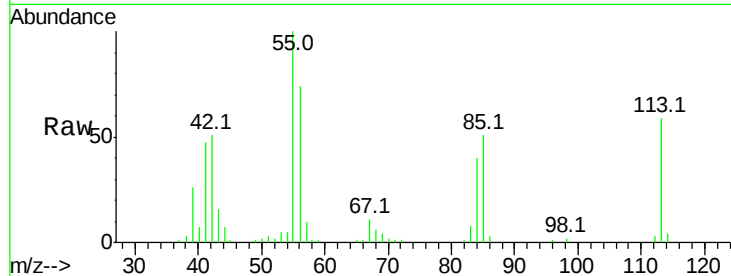
ClientSampleID :

PB91075BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 81243 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 169.4 | 158.6 | 198.6 |
| 56        | 125.3 | 110.6 | 150.6 |

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#36

4-Chloro-3-methylphenol

Concen: 36.26 ng/mL

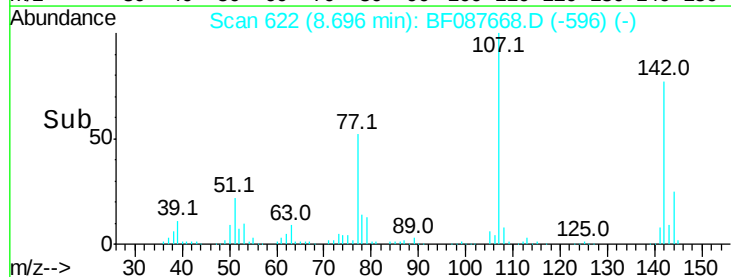
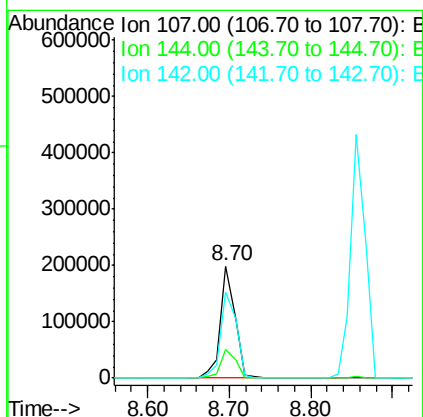
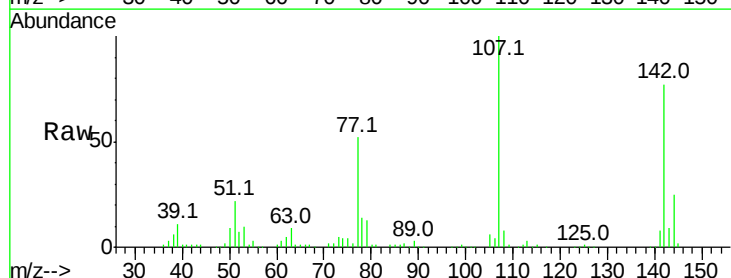
RT: 8.70 min Scan# 622

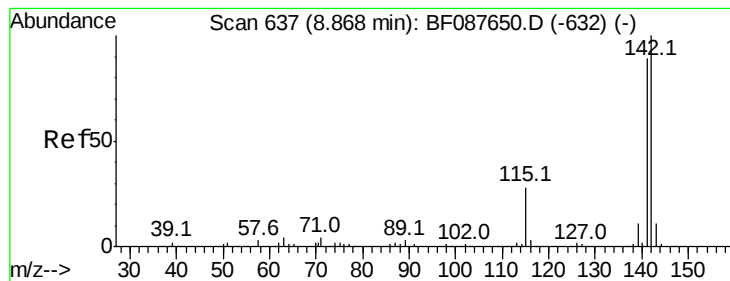
Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 246075 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.1  | 20.8  | 31.2   |
| 142       | 76.6  | 63.4  | 95.2   |





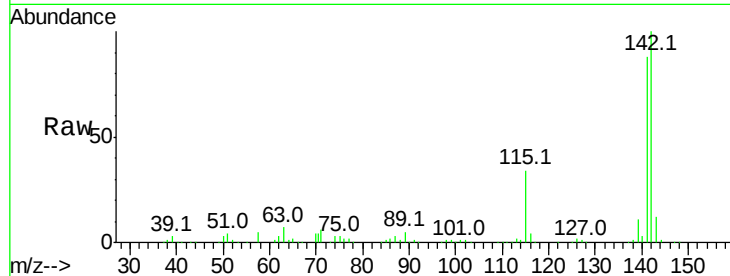
#37  
2-Methylnaphthalene  
Concen: 34.71 ng  
RT: 8.86 min Scan# 636  
Delta R.T. -0.01 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

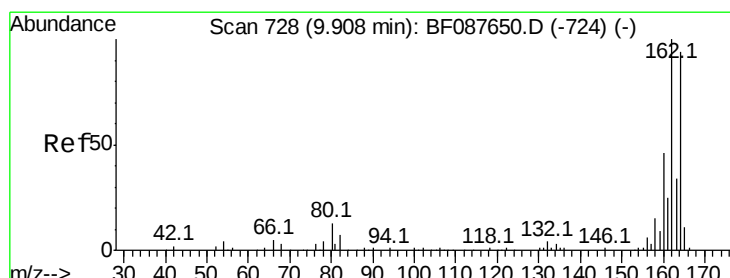
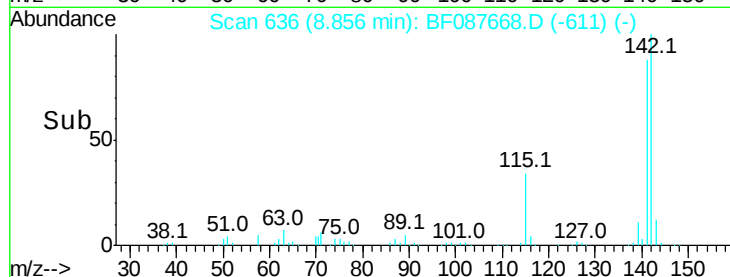
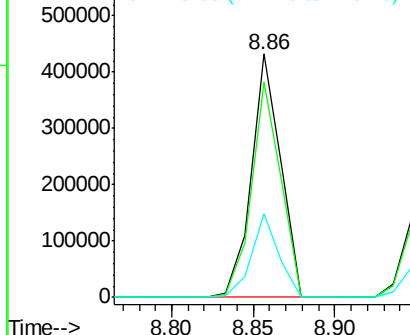
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 534459 |       |       |
| 141     | 88.3  |        | 71.0  | 106.6 |
| 115     | 34.4  |        | 22.6  | 33.8# |

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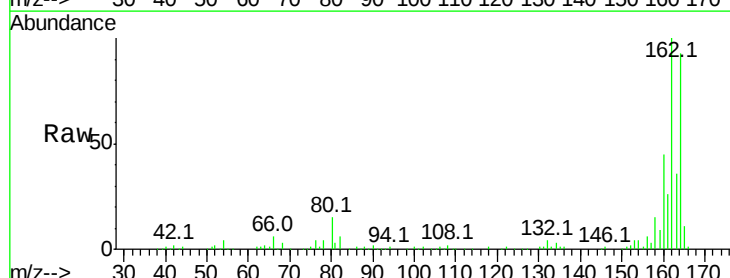


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

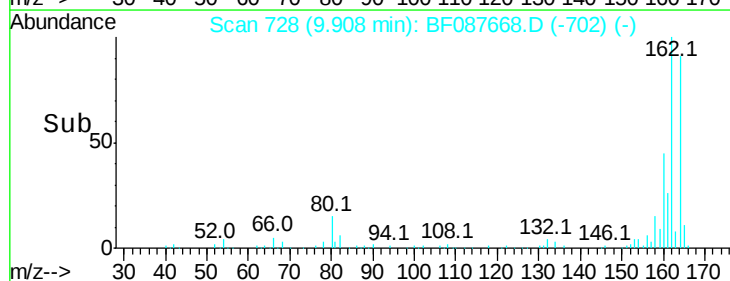
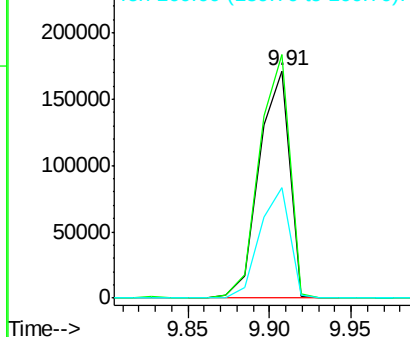


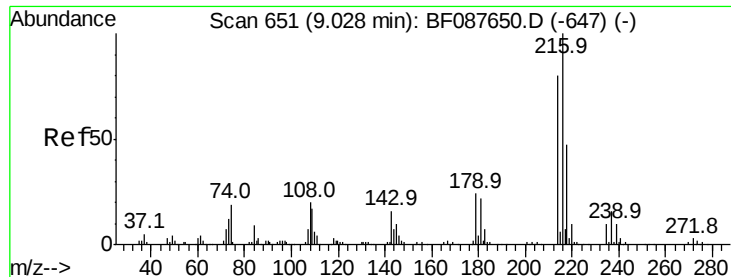
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.91 min Scan# 728  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 221411 |       |       |
| 162     | 107.1 |        | 85.4  | 128.2 |
| 160     | 48.5  |        | 39.5  | 59.3  |



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.09 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

ClientSampleId :

PB91075BS

Tot Ion:216 Resp: 226312  
Ion Ratio Lower Upper

216 100

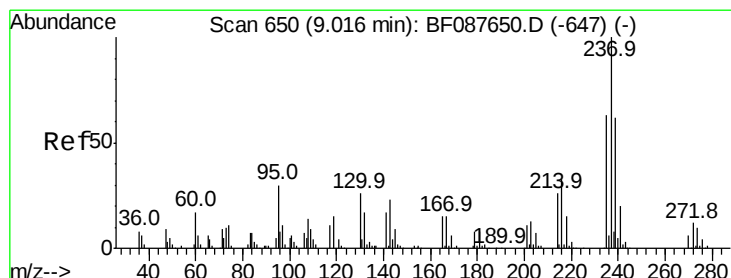
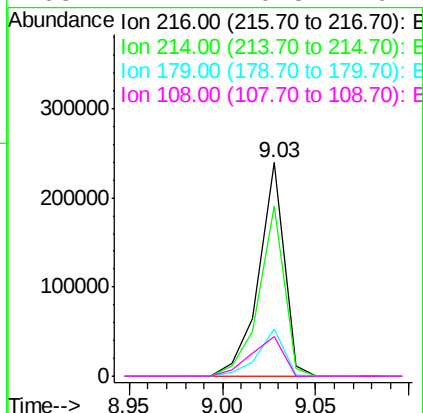
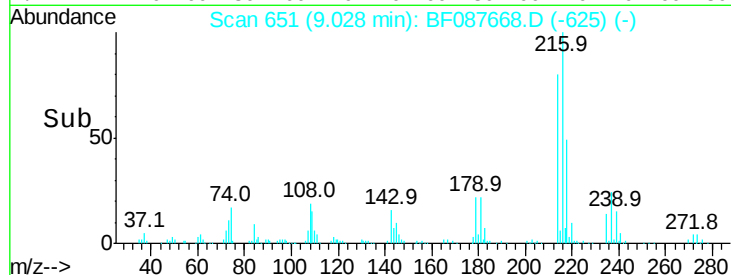
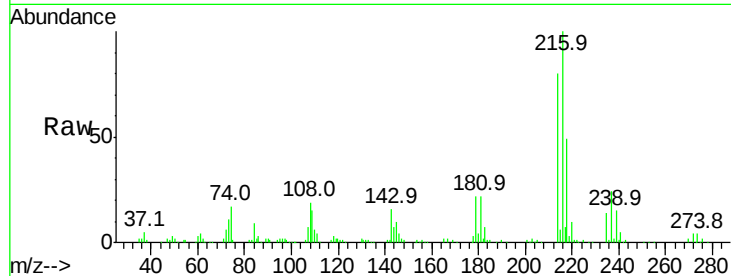
214 79.4 2.9 4.3#

179 22.4 0.0 0.0#

108 24.1 0.5 0.7#

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#40

Hexachlorocyclopentadiene

Concen: 69.42 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087668.D

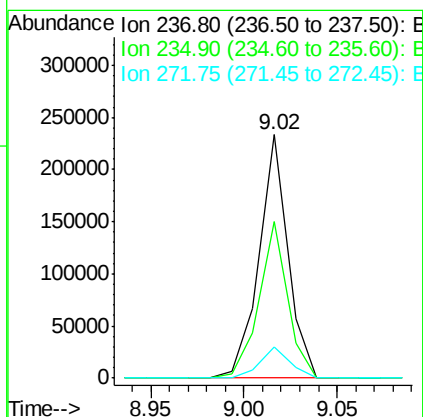
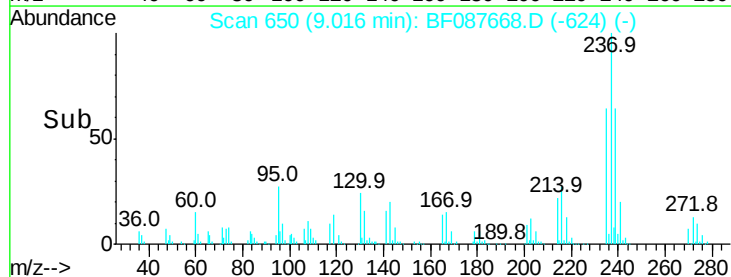
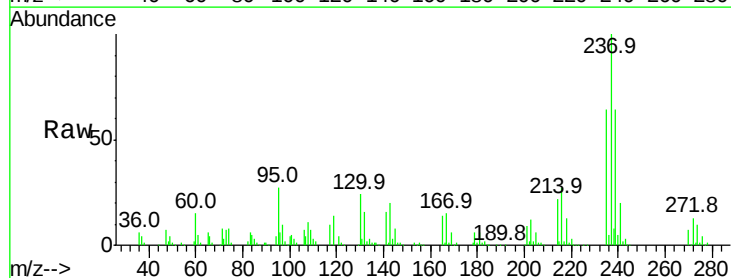
Acq: 4 Jun 2016 16:14

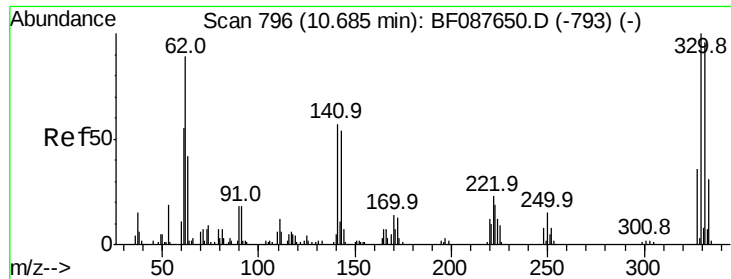
Tgt Ion:237 Resp: 249160  
Ion Ratio Lower Upper

237 100

235 64.1 43.4 83.4

272 12.8 0.0 32.3





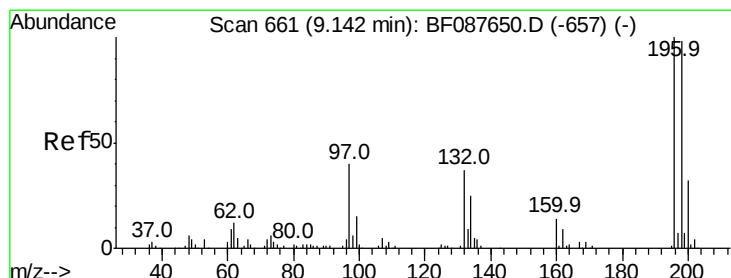
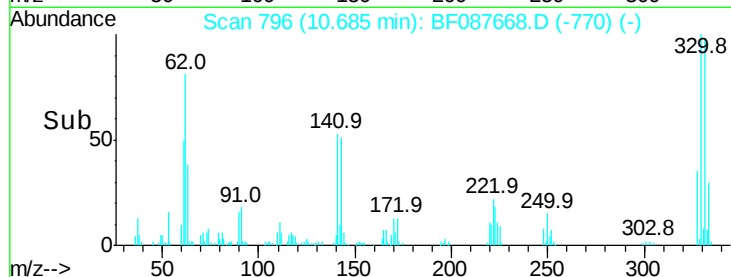
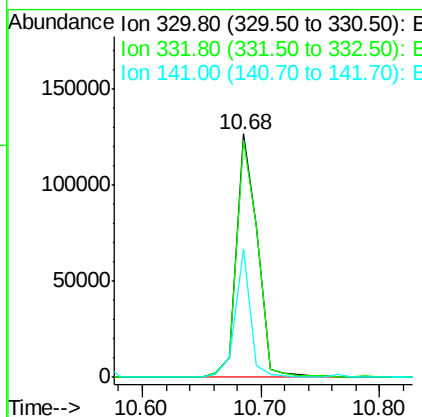
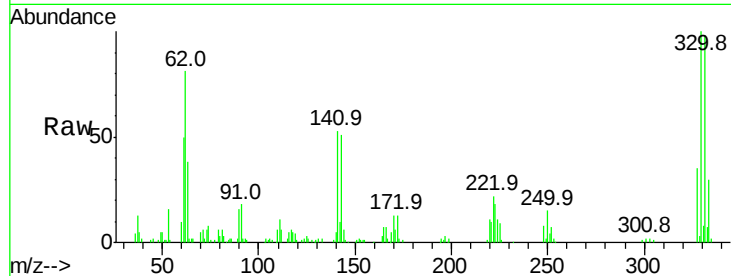
#41  
 2,4,6-Tribromophenol  
 Concen: 70.49 ng  
 RT: 10.68 min Scan# 796  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 99.2  | 0.0        | 0.0#  |
| 141     | 38.6  | 0.0        | 0.0#  |

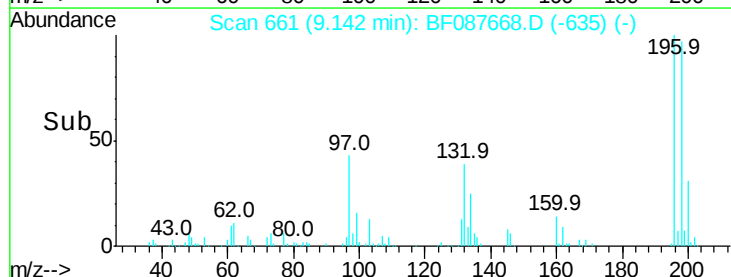
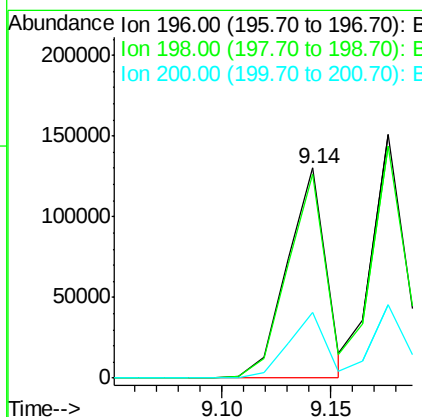
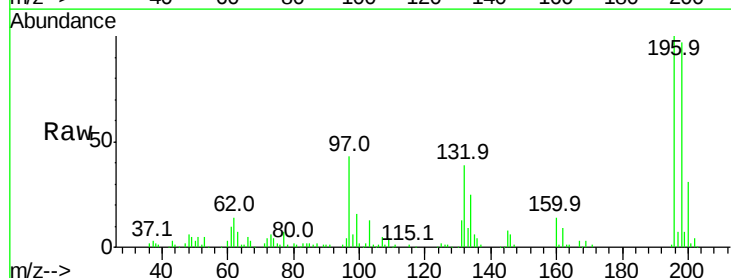
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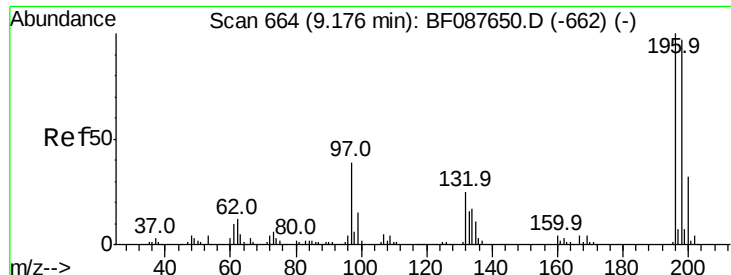
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#42  
 2,4,6-Trichlorophenol  
 Concen: 34.73 ng  
 RT: 9.14 min Scan# 661  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

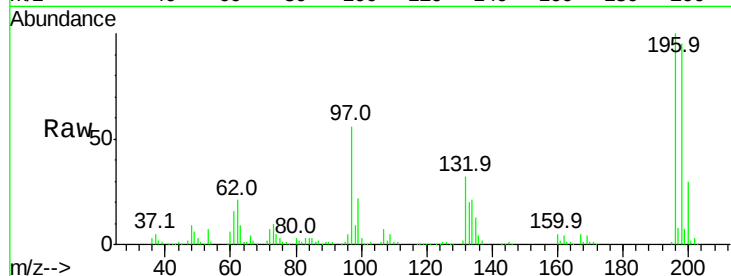
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 97.3  | 78.0       | 117.0 |
| 200     | 31.5  | 25.4       | 38.2  |





#43  
 2,4,5-Trichlorophenol  
 Concen: 38.89 ng  
 RT: 9.18 min Scan# 664  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

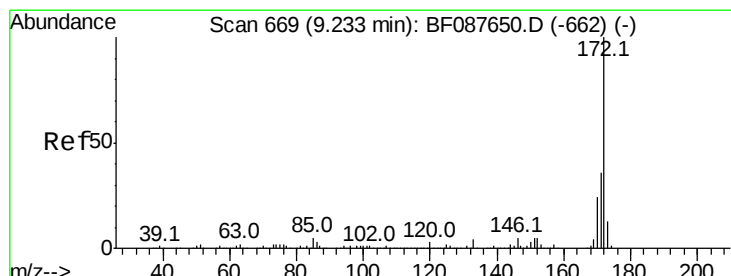
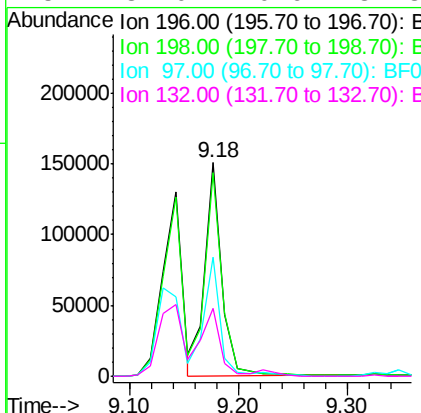
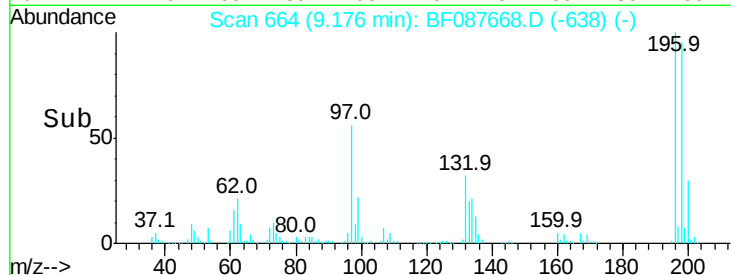
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS



| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 166806 |       |       |
| 198     | 95.1  | 77.5   | 116.3 |       |
| 97      | 55.6  | 32.0   | 48.0  | #     |
| 132     | 32.0  | 20.9   | 31.3  | #     |

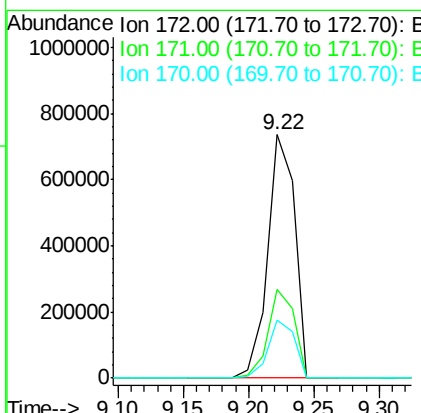
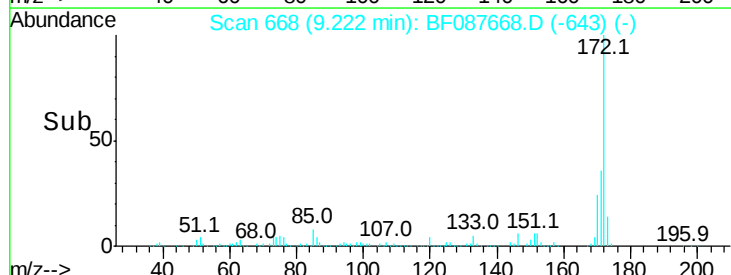
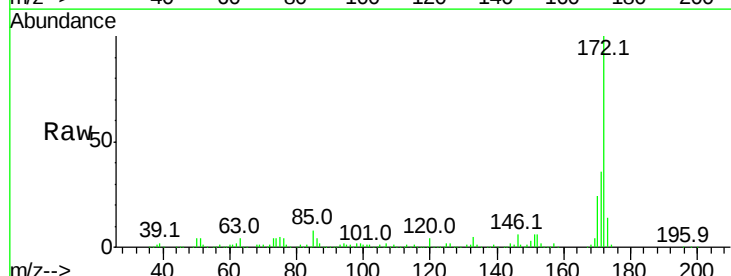
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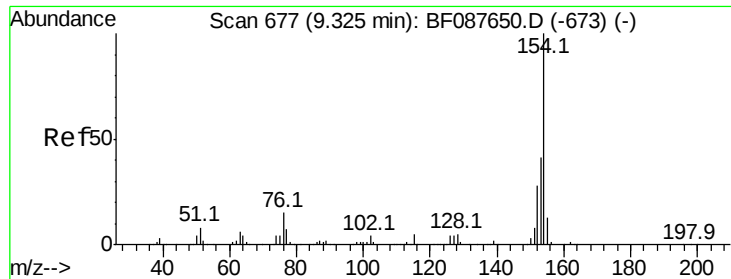
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#44  
 2-Fluorobiphenyl  
 Concen: 70.00 ng  
 RT: 9.22 min Scan# 668  
 Delta R.T. -0.01 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1067546 |       |       |
| 171     | 36.3  | 28.6    | 43.0  |       |
| 170     | 24.0  | 19.2    | 28.8  |       |





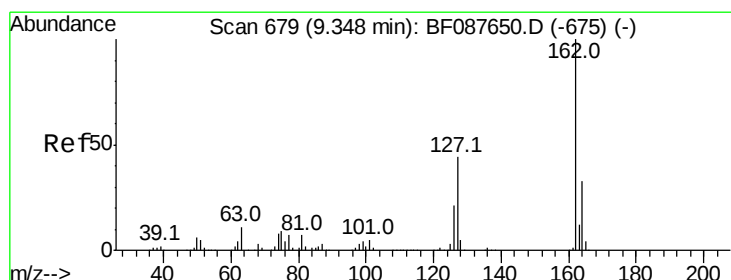
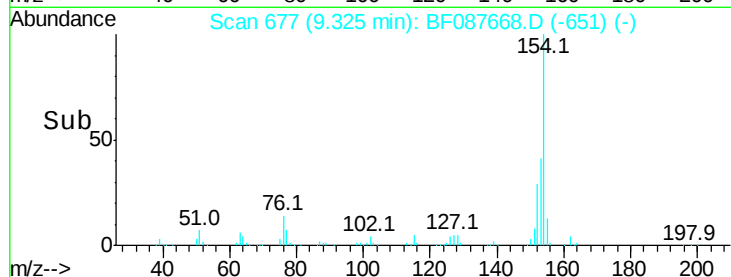
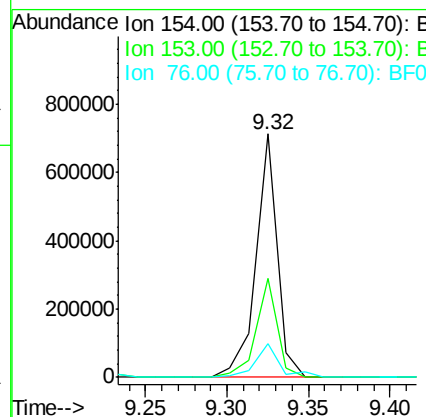
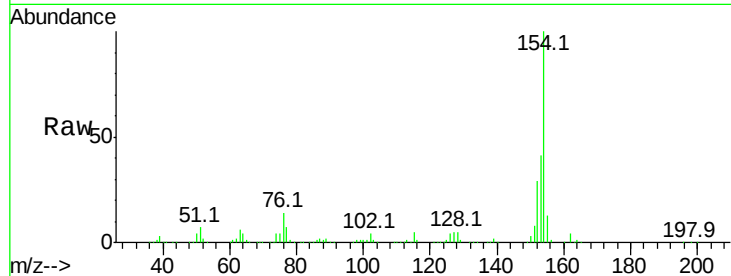
#45  
 1,1'-Biphenyl  
 Concen: 35.95 ng  
 RT: 9.32 min Scan# 677  
 Delta R.T. 0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.9  | 20.6 | 60.6  |       |
| 76      | 14.1  | 0.0  | 35.1  |       |

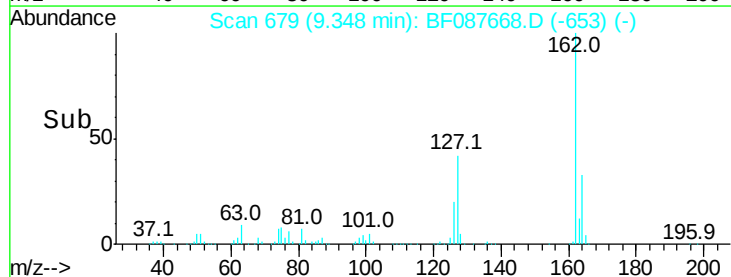
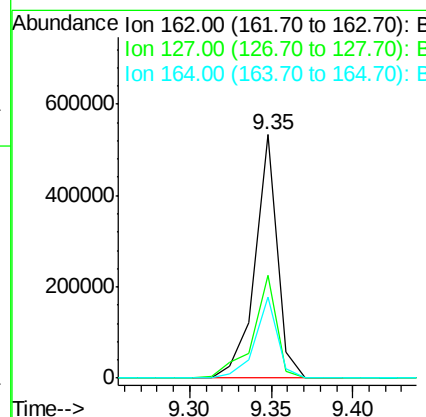
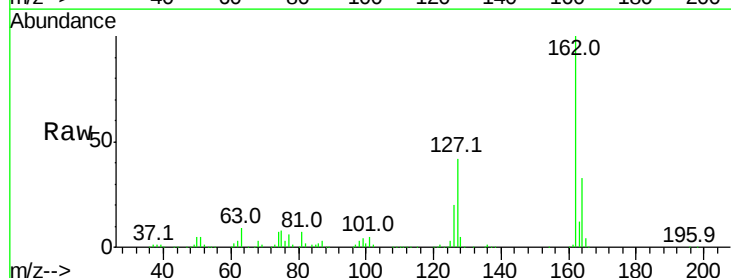
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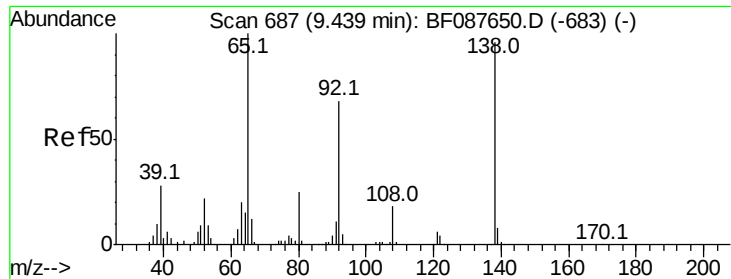
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#46  
 2-Chloronaphthalene  
 Concen: 35.44 ng  
 RT: 9.35 min Scan# 679  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 42.5  | 35.2 | 52.8  |       |
| 164     | 33.2  | 26.6 | 39.8  |       |





#47

2-Nitroaniline

Concen: 35.12 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

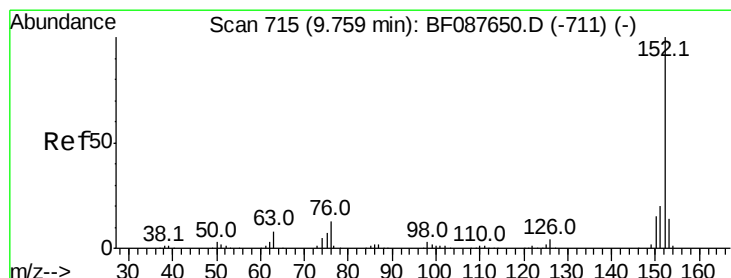
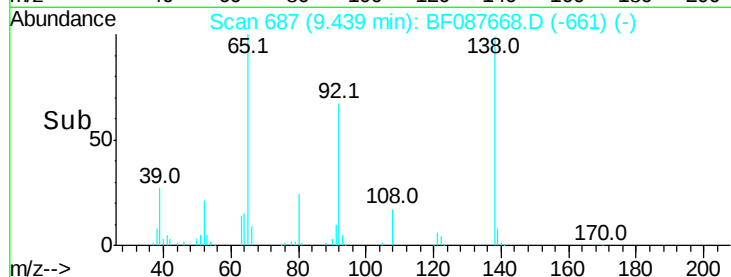
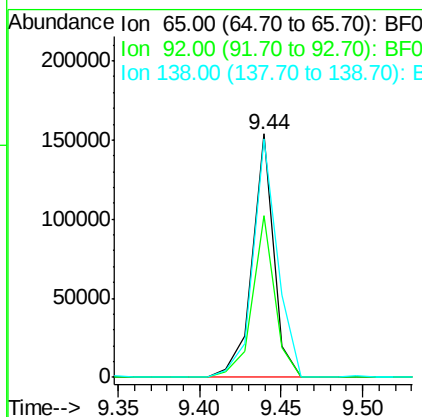
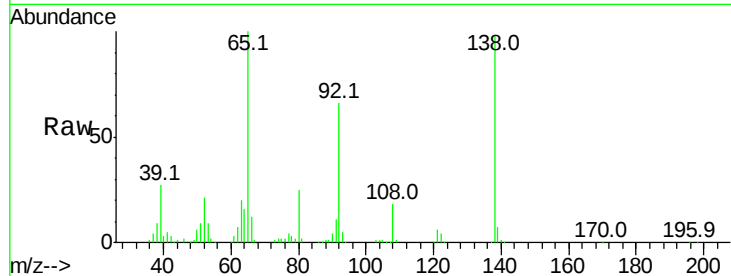
ClientSampleId :

PB91075BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 141432 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 66.4  | 54.6  | 82.0   |
| 138       | 98.2  | 77.0  | 115.4  |

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#48

Acenaphthylene

Concen: 36.38 ng

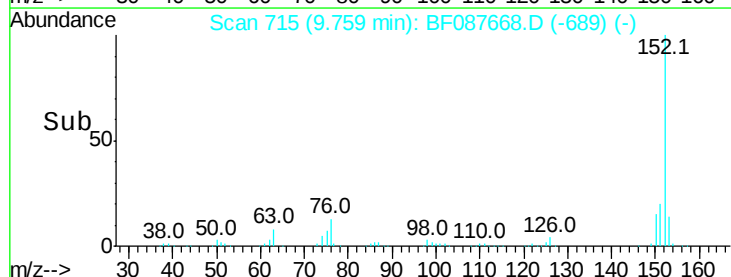
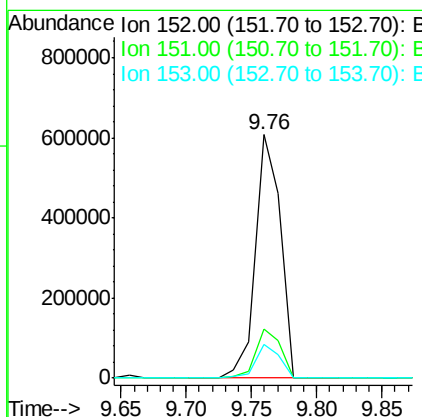
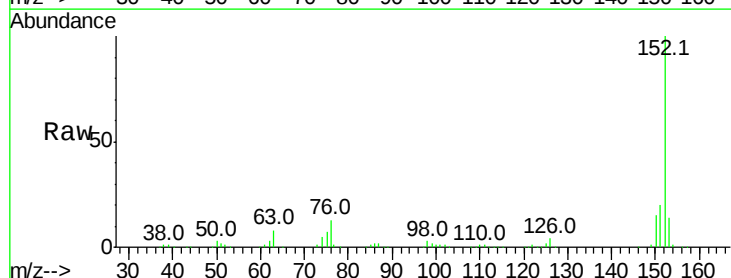
RT: 9.76 min Scan# 715

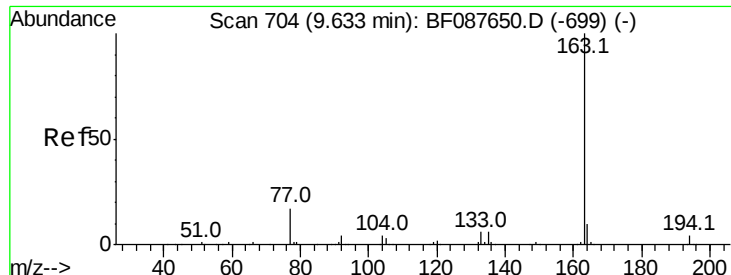
Delta R.T. 0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 811475 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.3  | 16.2  | 24.4   |
| 153       | 13.8  | 11.0  | 16.6   |





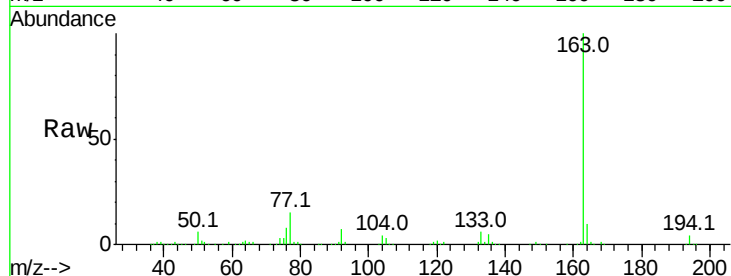
#49  
Dimethylphthalate  
Concen: 38.00 ng  
RT: 9.63 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

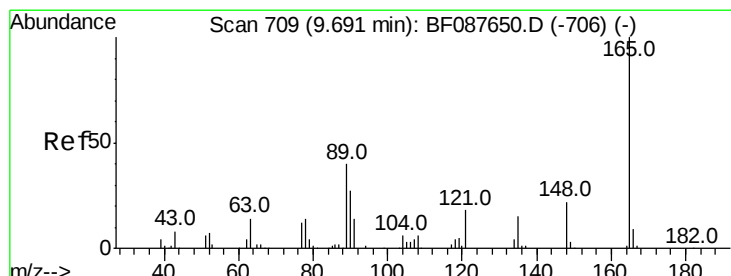
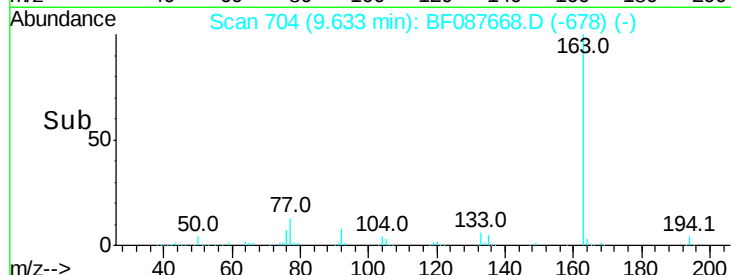
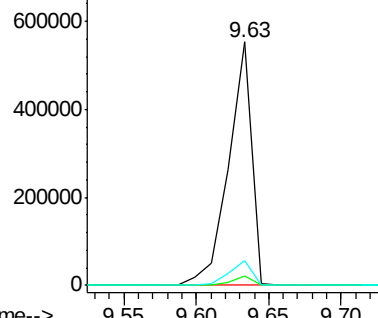
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 611703 |       |       |
| 194     | 3.8   |        | 2.8   | 4.2   |
| 164     | 10.1  |        | 8.3   | 12.5  |

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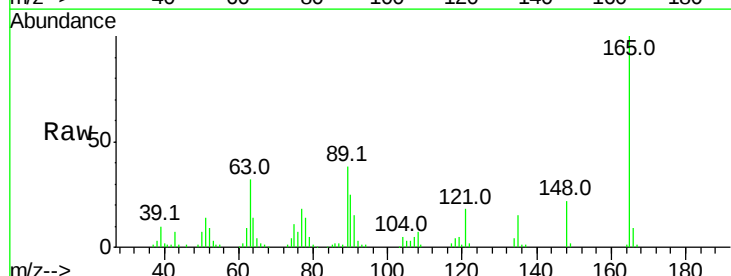


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

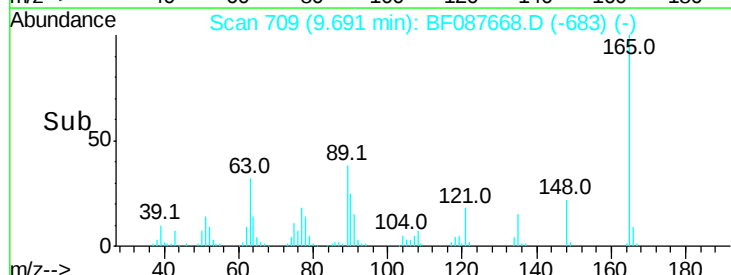
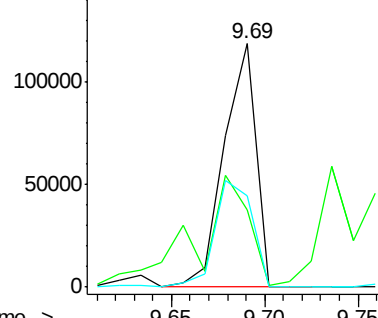


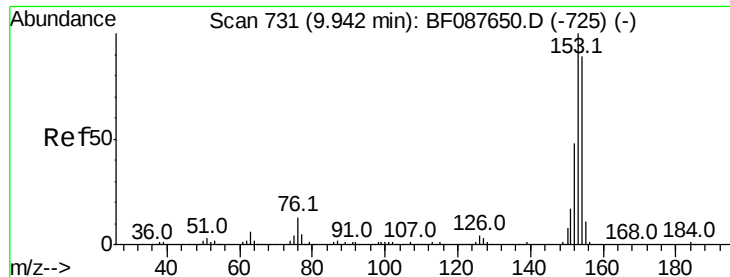
#50  
2,6-Dinitrotoluene  
Concen: 38.32 ng  
RT: 9.69 min Scan# 709  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 140355 |       |       |
| 63      | 31.7  |        | 28.1  | 42.1  |
| 89      | 37.5  |        | 32.2  | 48.2  |



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





#51

Acenaphthene

Concen: 37.46 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

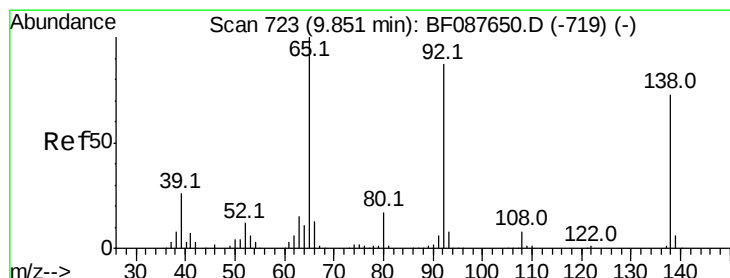
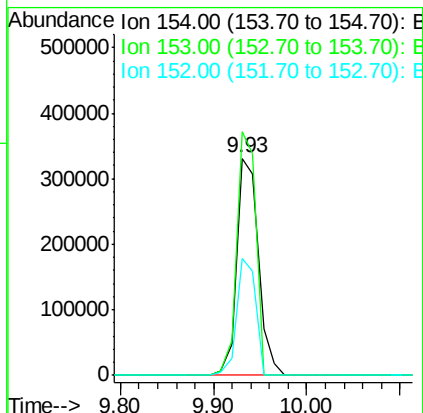
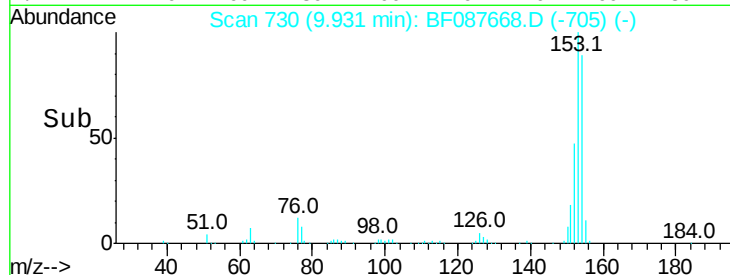
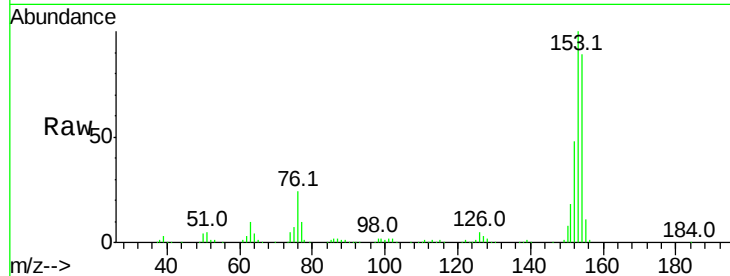
ClientSampleId :

PB91075BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 537629 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.2 | 89.5  | 134.3  |
| 152       | 53.6  | 42.7  | 64.1   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 22.39 ng

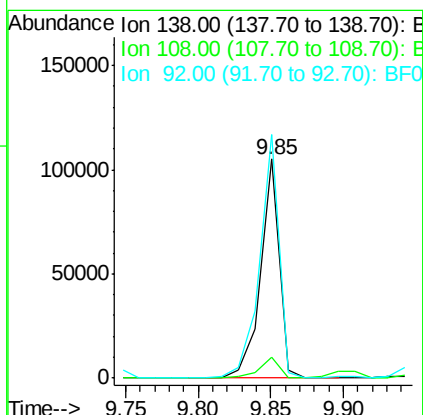
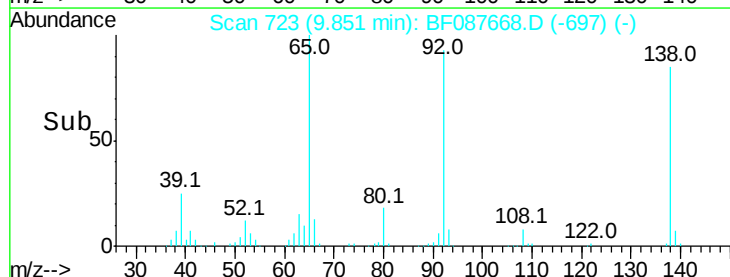
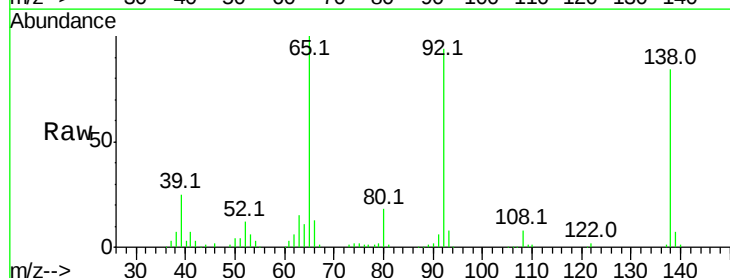
RT: 9.85 min Scan# 723

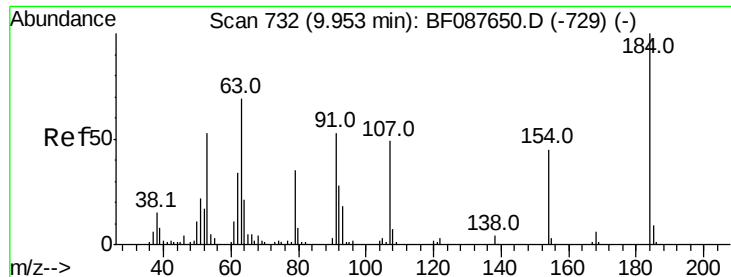
Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 93790 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.8   | 8.5   | 12.7  |
| 92        | 111.1 | 95.7  | 143.5 |





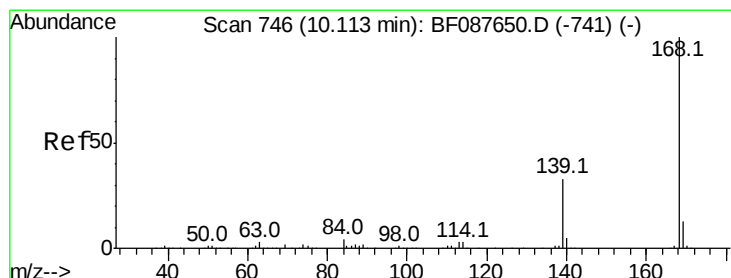
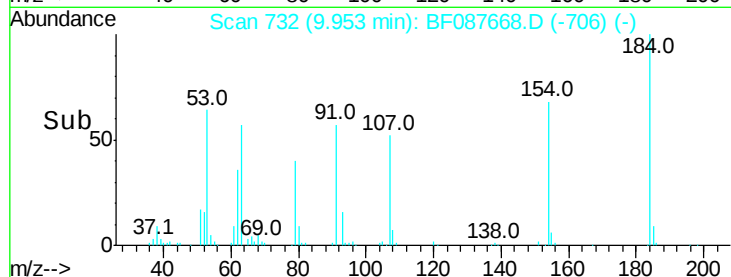
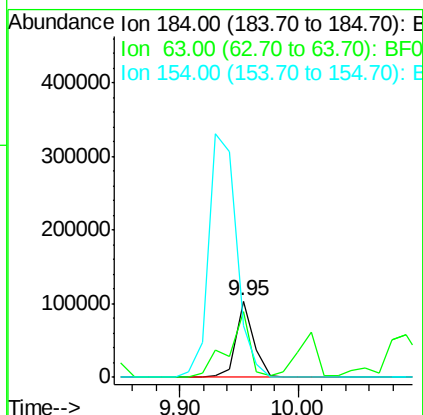
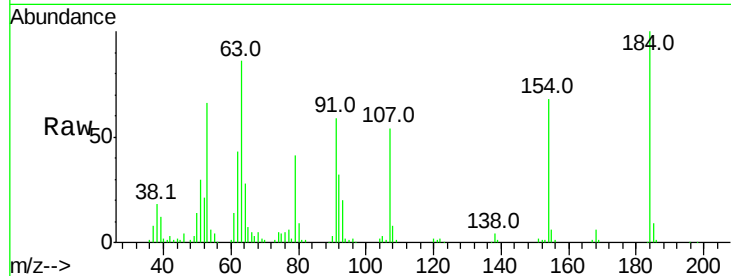
#53  
2,4-Dinitrophenol  
Concen: 65.74 ng  
RT: 9.95 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 108060 |       |       |
| 63      | 86.0  | 57.6   | 86.4  |       |
| 154     | 67.6  | 53.5   | 80.3  |       |

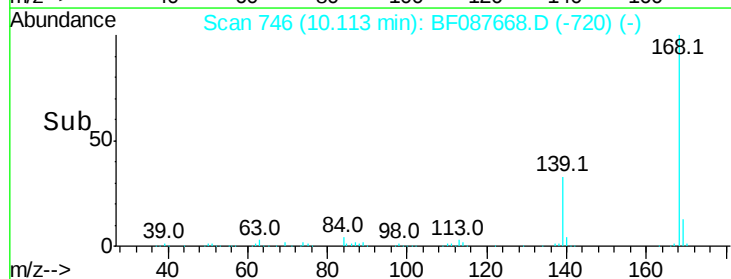
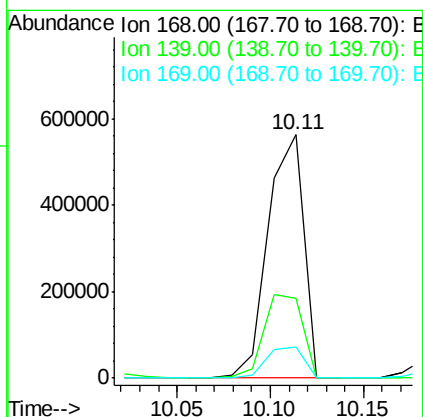
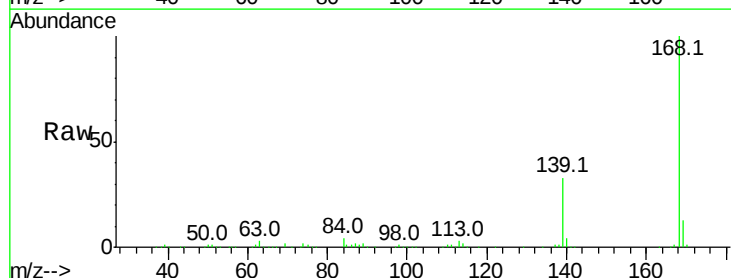
Manual Integrations  
APPROVED

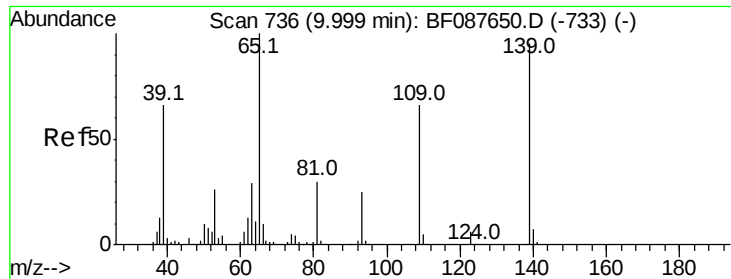
SOHIL  
6/6/2016 7:18:10 PM



#54  
Dibenzofuran  
Concen: 38.21 ng  
RT: 10.11 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 746551 |       |       |
| 139     | 32.9  | 26.4   | 39.6  |       |
| 169     | 13.0  | 10.4   | 15.6  |       |





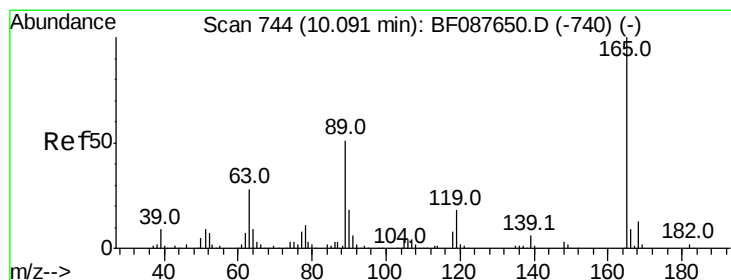
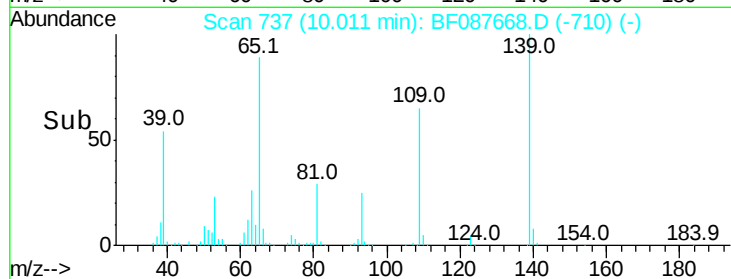
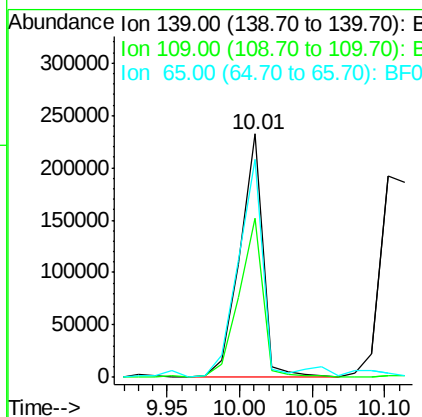
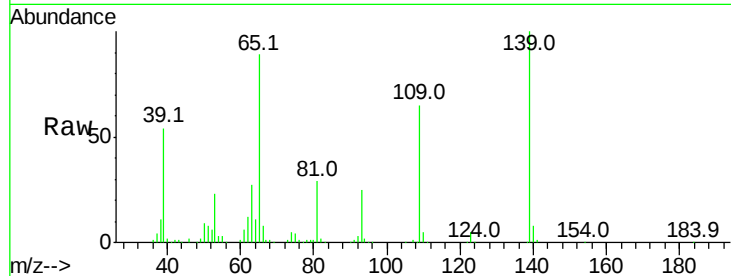
#55  
4-Nitrophenol  
Concen: 72.34 ng  
RT: 10.01 min Scan# 737  
Delta R.T. 0.01 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 259002 |       |       |
| 109     | 65.5  | 48.9   | 88.9  |       |
| 65      | 89.4  | 84.9   | 124.9 |       |

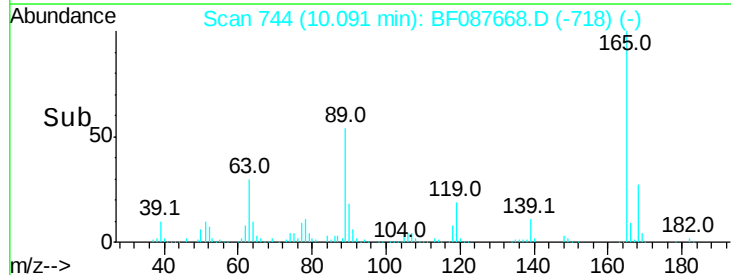
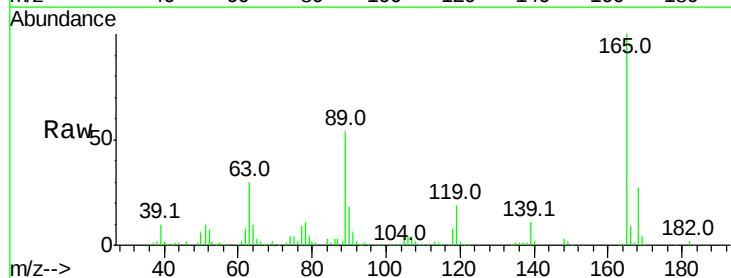
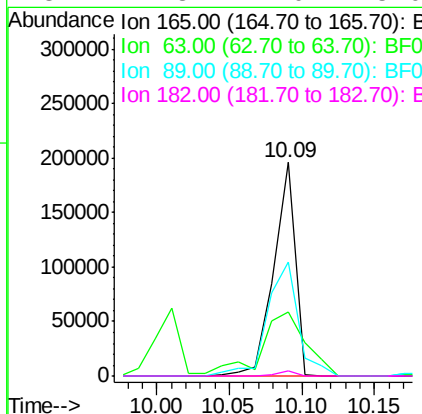
Manual Integrations  
APPROVED

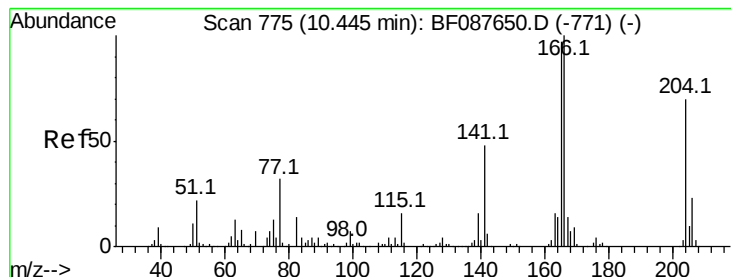
SOHIL  
6/6/2016 7:18:10 PM



#56  
2,4-Dinitrotoluene  
Concen: 43.15 ng  
RT: 10.09 min Scan# 744  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 201212 |       |       |
| 63      | 29.7  | 22.0   | 33.0  |       |
| 89      | 53.6  | 41.1   | 61.7  |       |
| 182     | 2.3   | 2.0    | 3.0   |       |





#57

Fluorene

Concen: 35.12 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

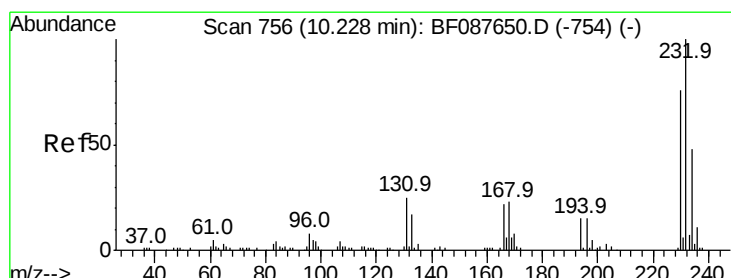
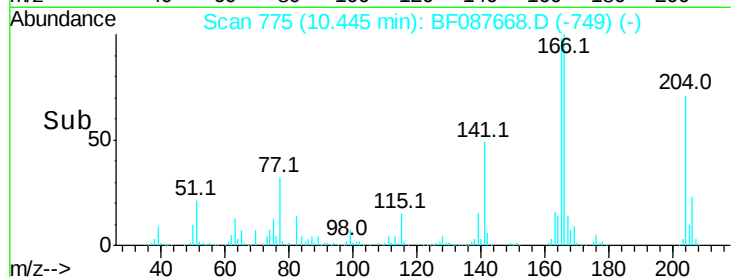
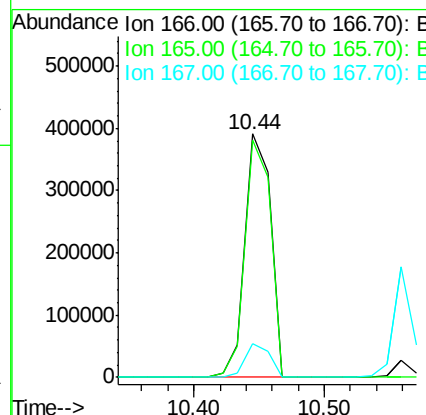
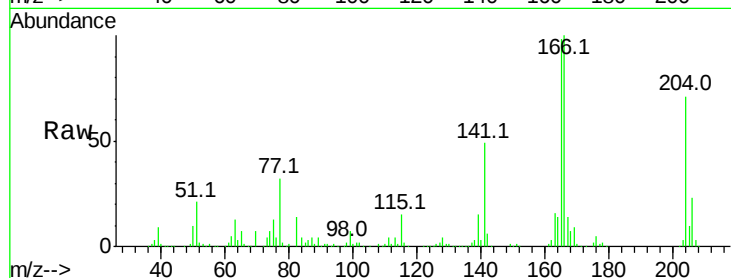
ClientSampleId :

PB91075BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 536481 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.5  | 77.8  | 116.8  |
| 167       | 14.0  | 11.2  | 16.8   |

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6/6/2016 7:18:10 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.55 ng

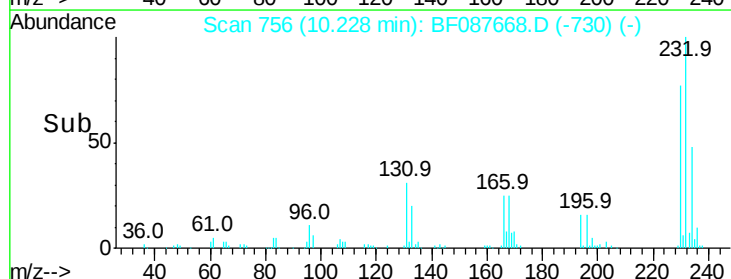
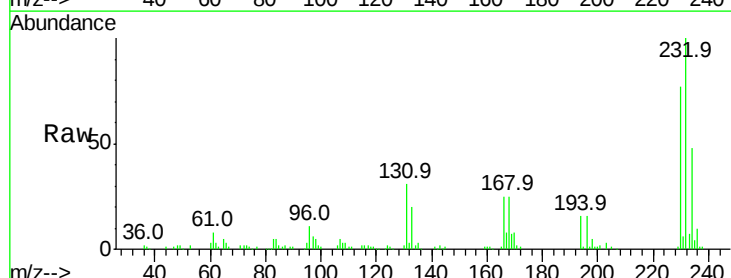
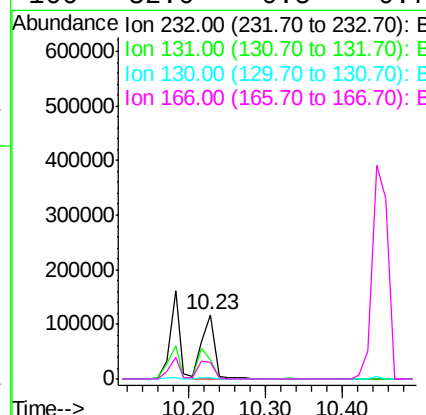
RT: 10.23 min Scan# 756

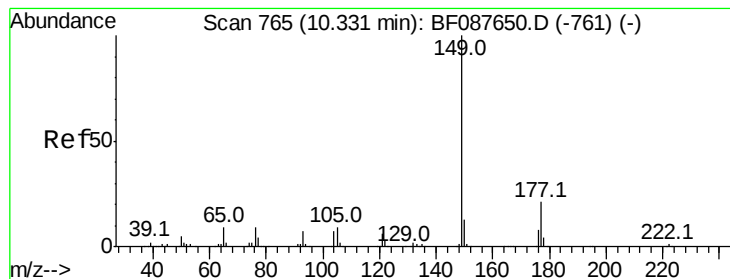
Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 138740 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 50.3  | 0.9   | 1.3#   |
| 130       | 2.3   | 1.5   | 2.3#   |
| 166       | 32.0  | 0.5   | 0.7#   |





#59

Diethylphthalate

Concen: 36.25 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

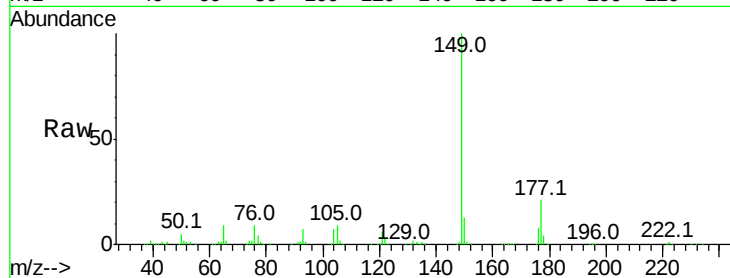
ClientSampleId :

PB91075BS

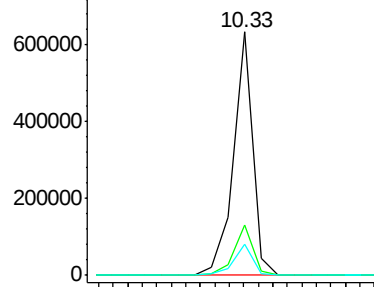
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 585929 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 20.8  | 16.9  | 25.3   |
| 150       | 12.7  | 10.1  | 15.1   |

Manual Integrations  
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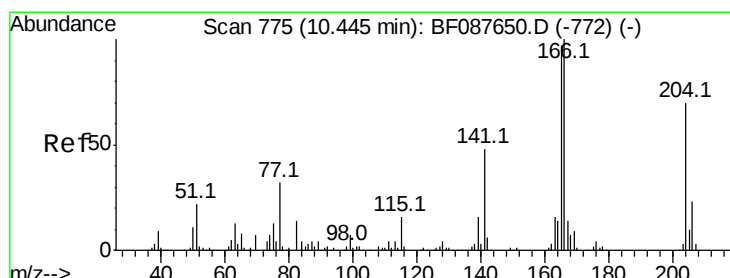
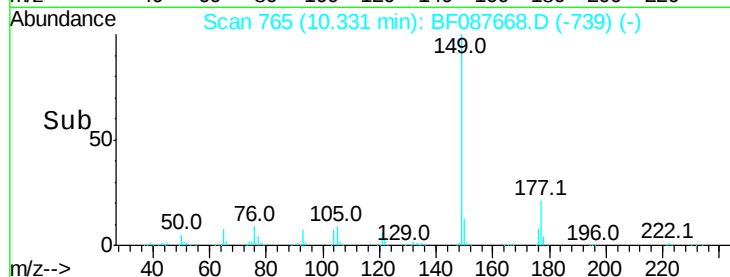
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6/6/2016 7:18:10 PM



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



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 37.30 ng

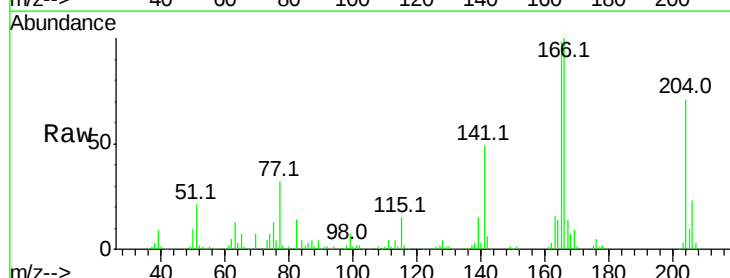
RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

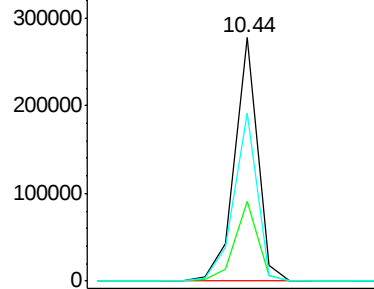
Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

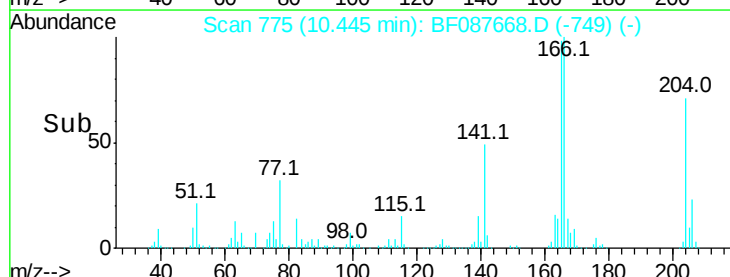
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 234896 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.0  | 26.3  | 39.5   |
| 141       | 69.1  | 55.0  | 82.6   |

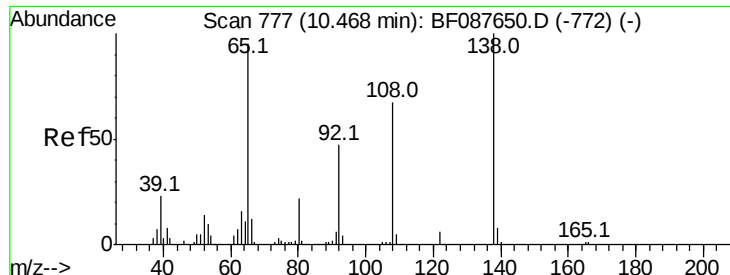


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 39.12 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

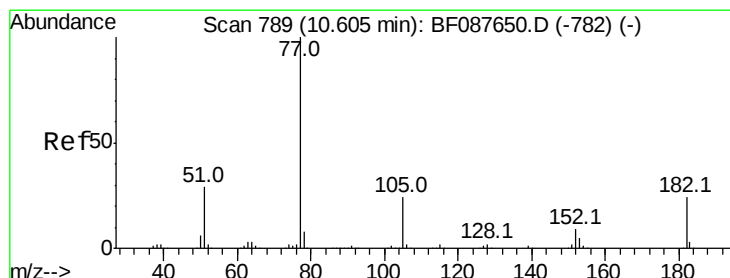
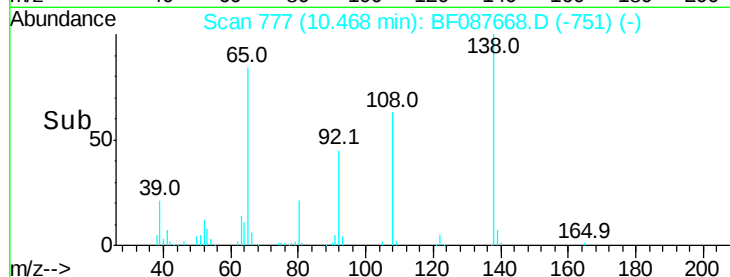
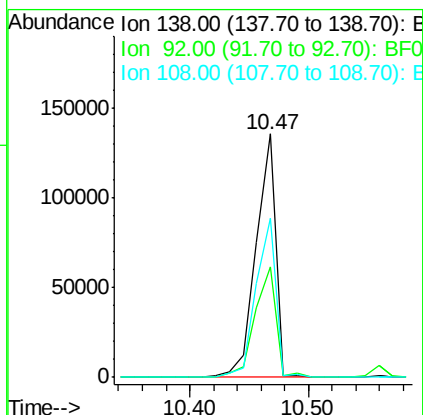
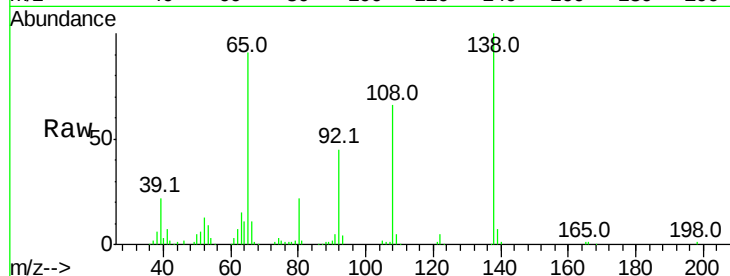
ClientSampleId :

PB91075BS

|             |       |        |
|-------------|-------|--------|
| Tot Ion:138 | Resp: | 157557 |
| Ion Ratio   | Lower | Upper  |
| 138 100     |       |        |
| 92 45.1     | 27.3  | 67.3   |
| 108 65.5    | 46.7  | 86.7   |

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SOHIL  
6/6/2016 7:18:10 PM



#62

Azobenzene

Concen: 39.99 ng

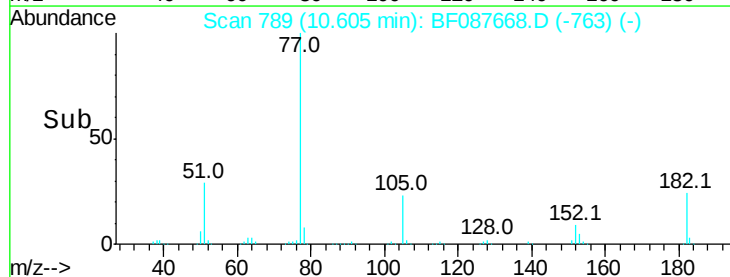
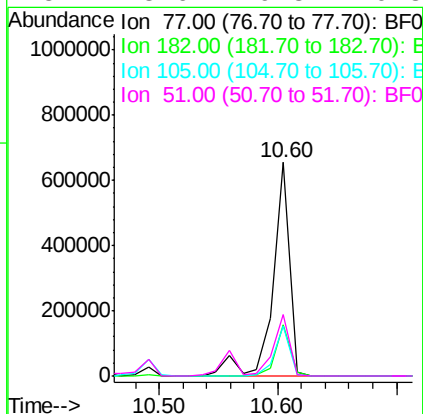
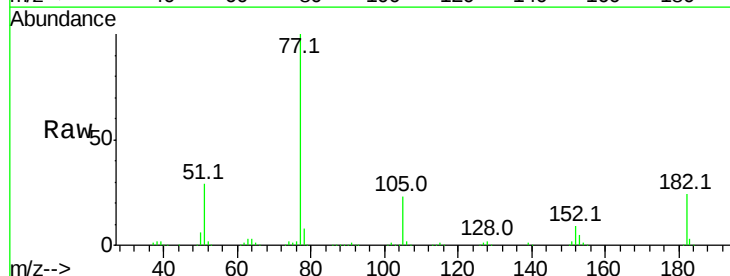
RT: 10.60 min Scan# 789

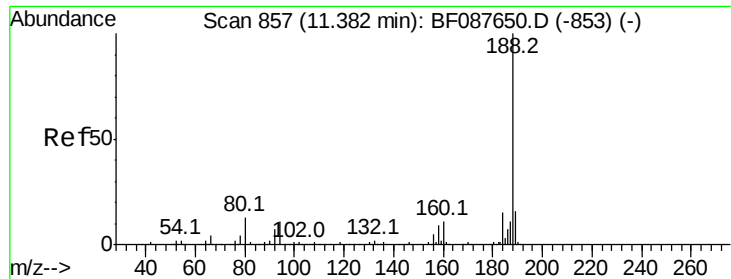
Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|             |       |        |
|-------------|-------|--------|
| Tgt Ion: 77 | Resp: | 650686 |
| Ion Ratio   | Lower | Upper  |
| 77 100      |       |        |
| 182 24.0    | 4.4   | 44.4   |
| 105 23.4    | 3.8   | 43.8   |
| 51 28.6     | 9.3   | 49.3   |





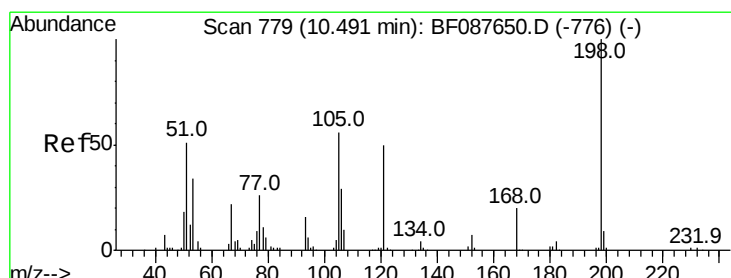
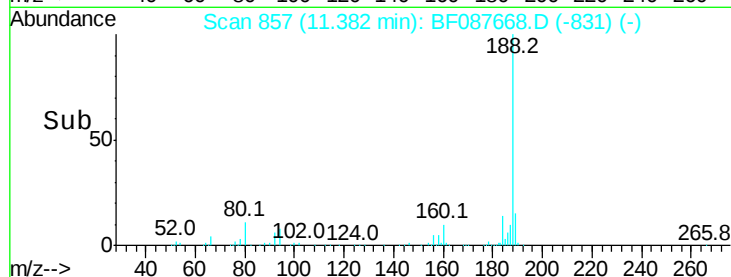
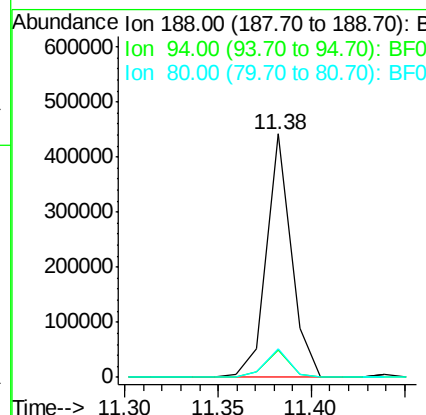
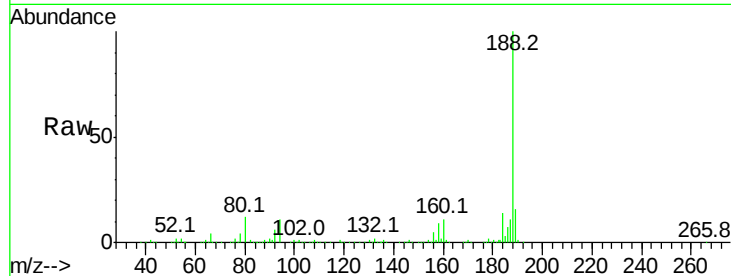
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.38 min Scan# 857  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 11.2  | 9.0  | 13.6  |       |
| 80      | 11.7  | 10.0 | 15.0  |       |

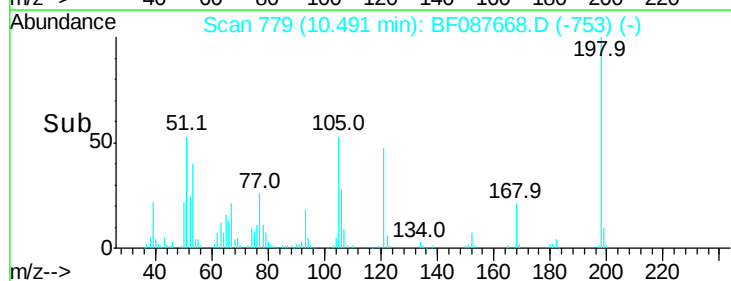
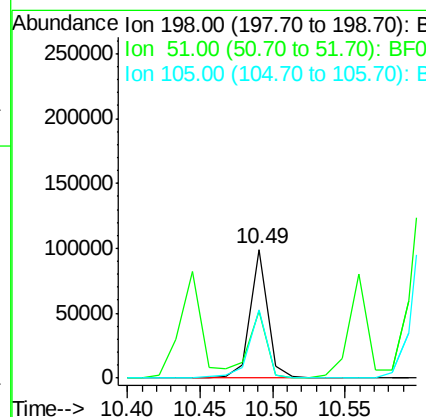
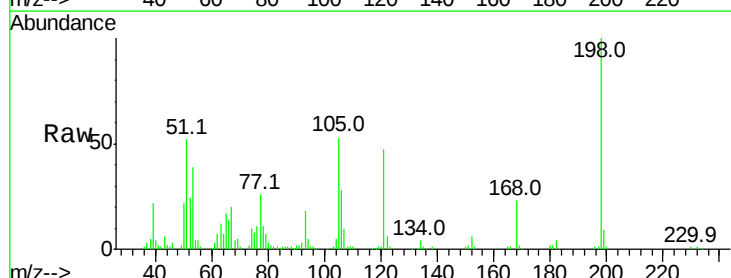
Manual Integrations  
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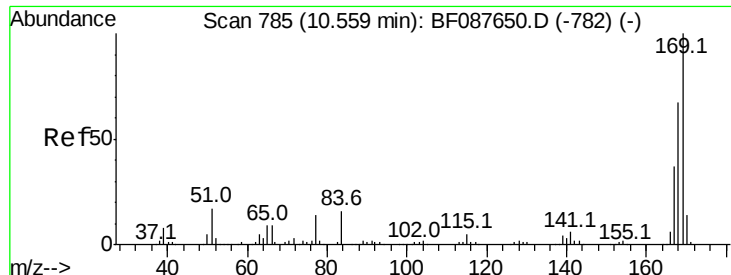
SOHIL  
6/6/2016 7:18:10 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 37.52 ng  
RT: 10.49 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 52.3  | 39.6 | 79.6  |       |
| 105     | 52.8  | 36.6 | 76.6  |       |





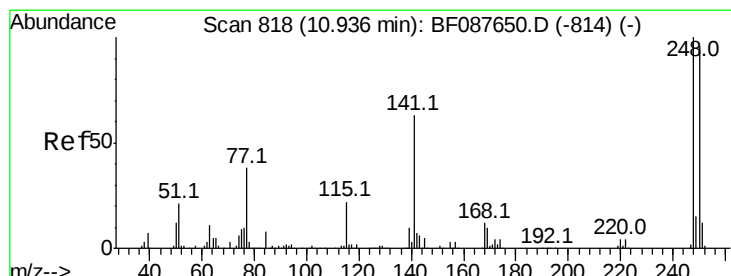
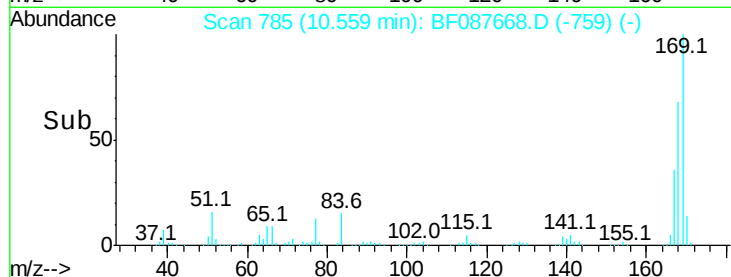
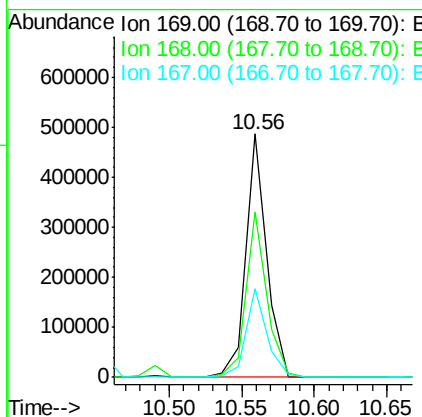
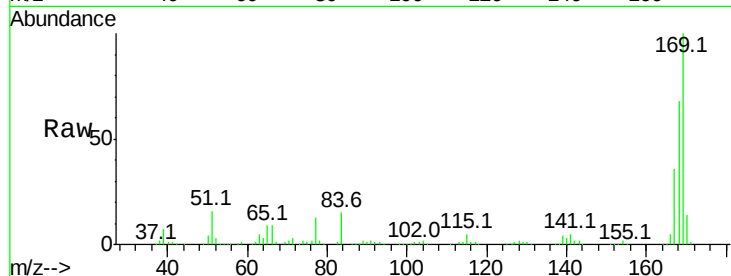
#65  
 n-Nitrosodiphenylamine  
 Concen: 36.41 ng  
 RT: 10.56 min Scan# 785  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 482409 |       |       |
| 168     | 67.7  |        | 53.4  | 80.0  |
| 167     | 36.4  |        | 29.4  | 44.0  |

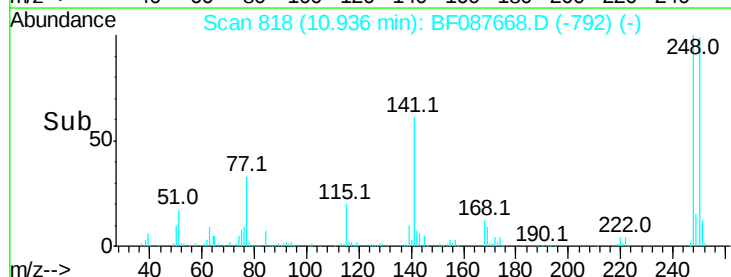
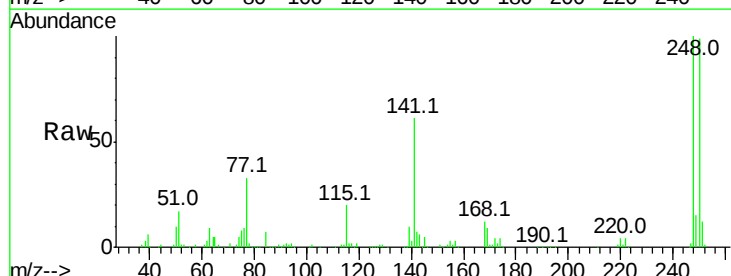
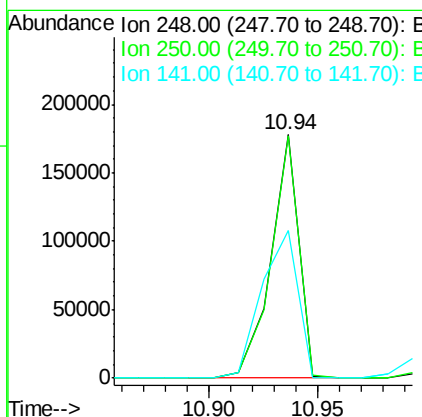
Manual Integrations  
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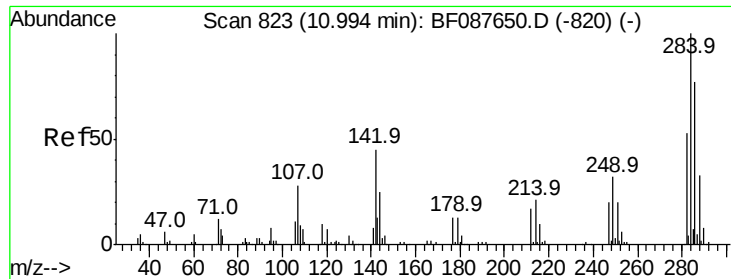
SOHIL  
 6/6/2016 7:18:10 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 39.96 ng  
 RT: 10.94 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 160277 |       |       |
| 250     | 99.4  |        | 77.1  | 115.7 |
| 141     | 60.7  |        | 50.6  | 76.0  |





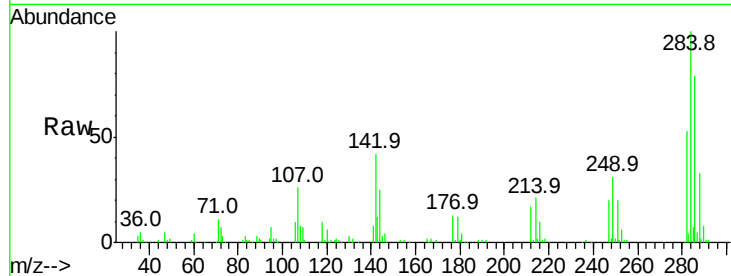
#67  
Hexachlorobenzene  
Concen: 36.14 ng  
RT: 10.99 min Scan# 823  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampled :  
PB91075BS

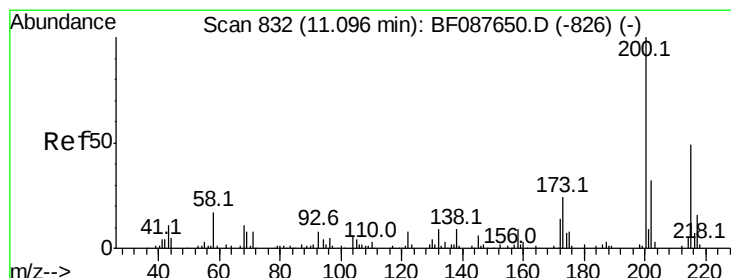
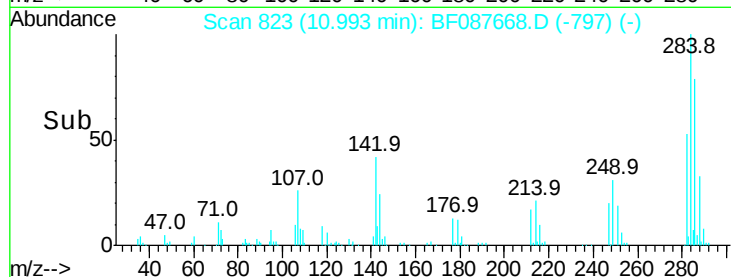
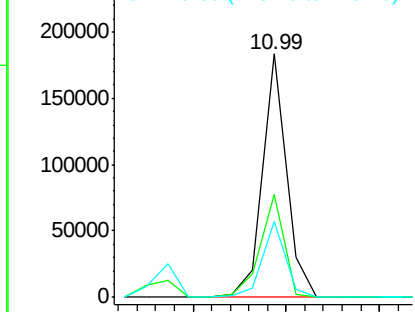
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 162075 |       |       |
| 142     | 42.4  | 35.8   | 53.8  |       |
| 249     | 31.3  | 25.8   | 38.6  |       |

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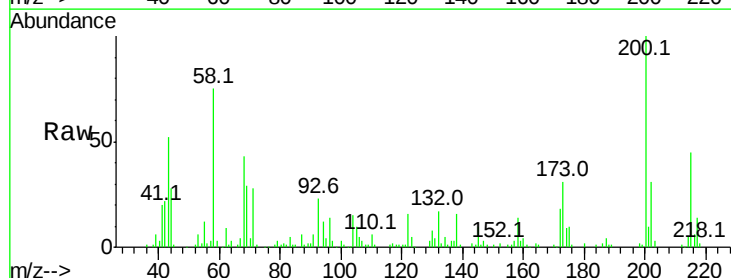


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

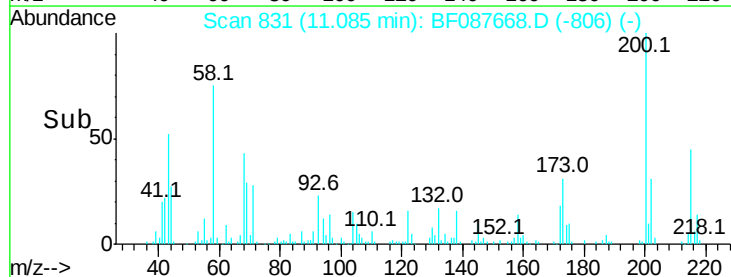
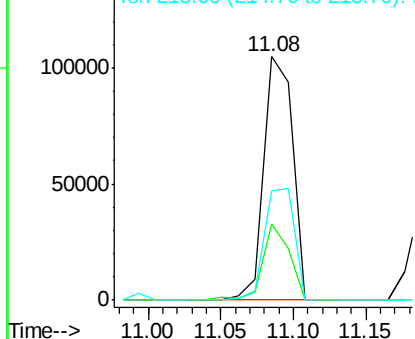


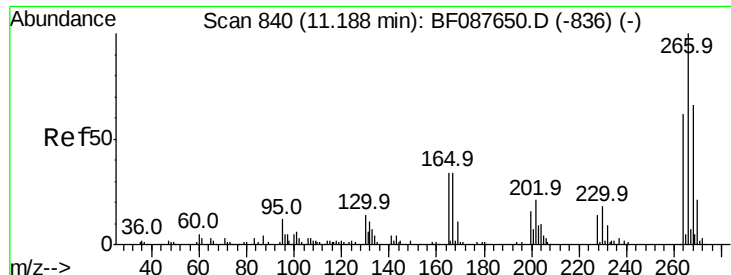
#68  
Atrazine  
Concen: 36.79 ng  
RT: 11.08 min Scan# 831  
Delta R.T. -0.01 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 144356 |       |       |
| 173     | 31.2  | 4.0    | 44.0  |       |
| 215     | 44.7  | 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





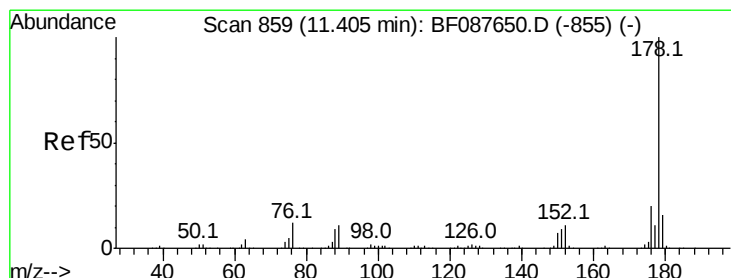
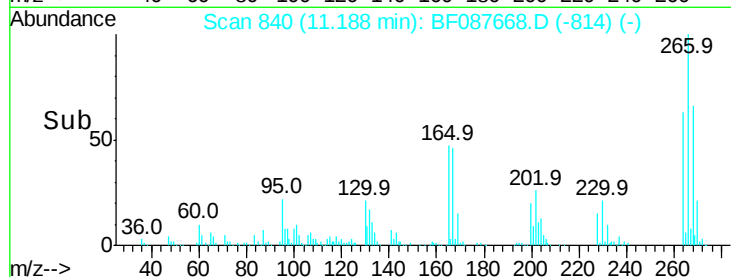
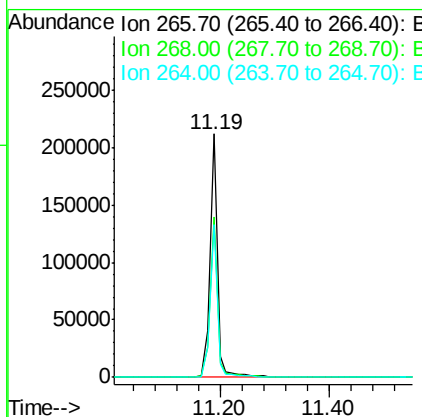
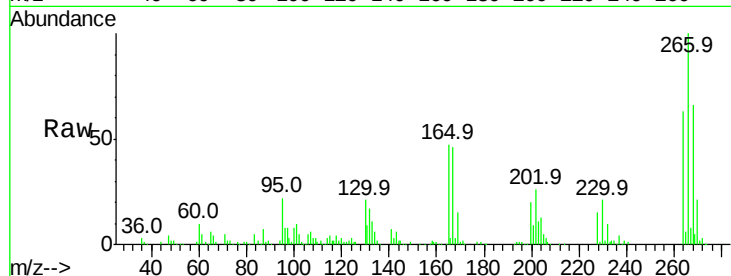
#69  
 Pentachlorophenol  
 Concen: 76.08 ng  
 RT: 11.19 min Scan# 840  
 Delta R.T. 0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 202749 |       |       |
| 268     | 66.0  |        | 52.8  | 79.2  |
| 264     | 62.5  |        | 49.6  | 74.4  |

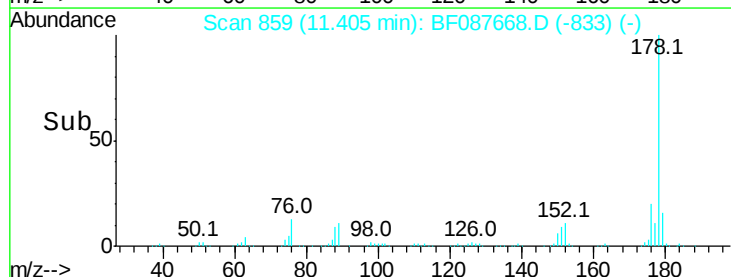
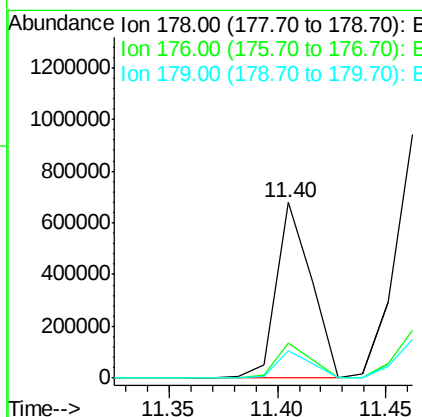
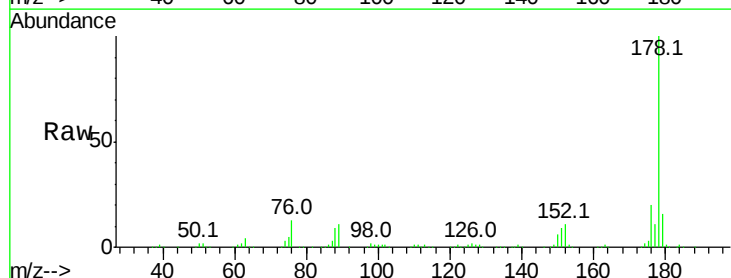
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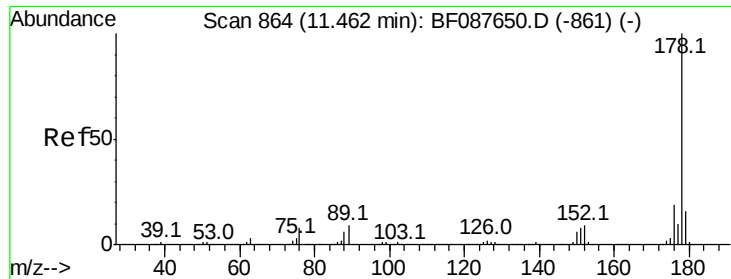
SOHIL  
 6/6/2016 7:18:10 PM



#70  
 Phenanthrene  
 Concen: 34.64 ng  
 RT: 11.40 min Scan# 859  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 759690 |       |       |
| 176     | 19.9  |        | 15.8  | 23.6  |
| 179     | 15.9  |        | 13.0  | 19.4  |





#71

Anthracene

Concen: 39.51 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

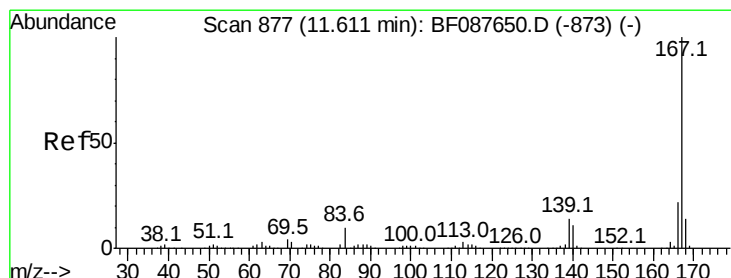
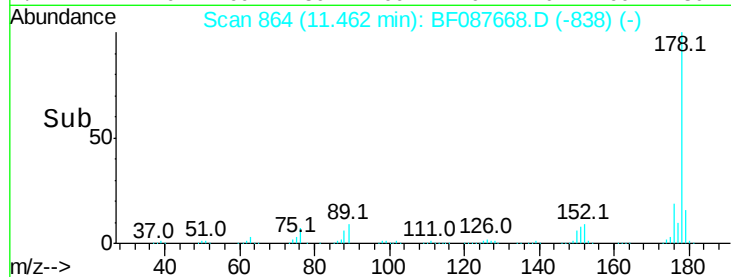
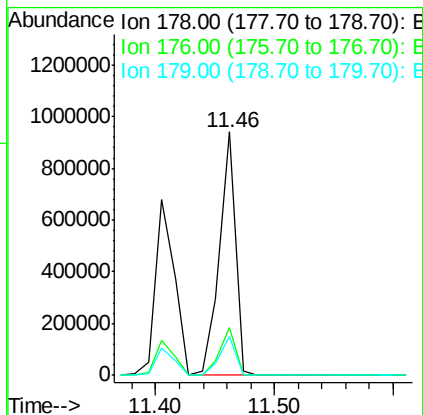
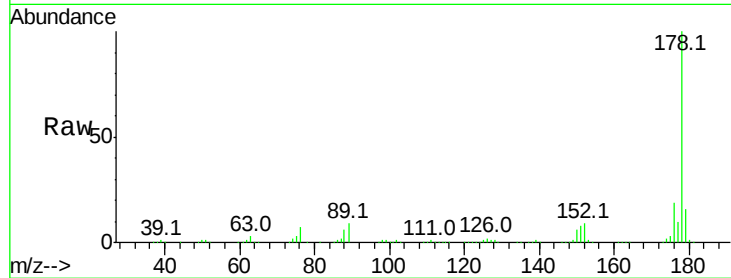
ClientSampleId :

PB91075BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 868181 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.4  | 15.6  | 23.4   |
| 179       | 15.8  | 12.8  | 19.2   |

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#72

Carbazole

Concen: 35.90 ng

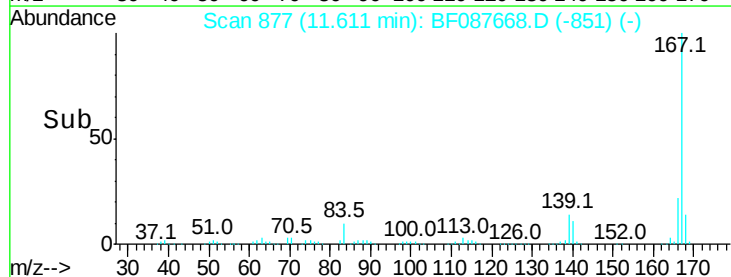
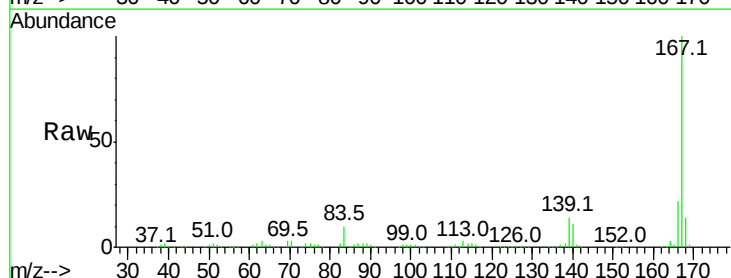
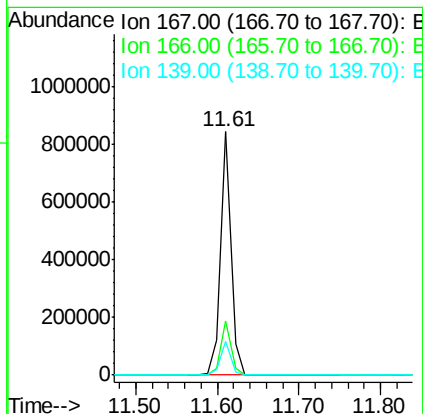
RT: 11.61 min Scan# 877

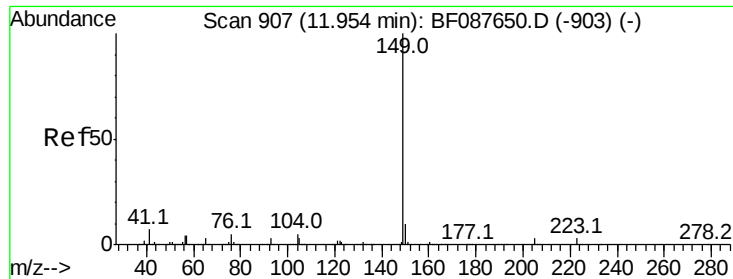
Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 746688 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.2  | 17.8  | 26.6   |
| 139       | 14.0  | 11.2  | 16.8   |





#73

Di-n-butylphthalate

Concen: 41.11 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

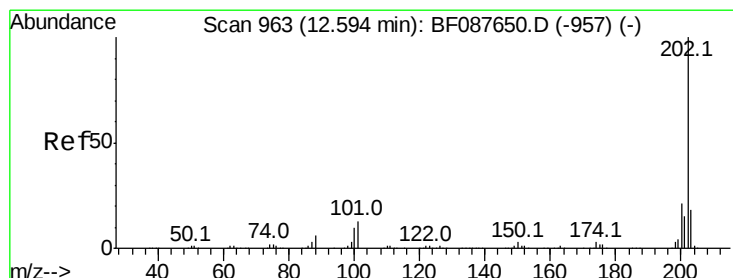
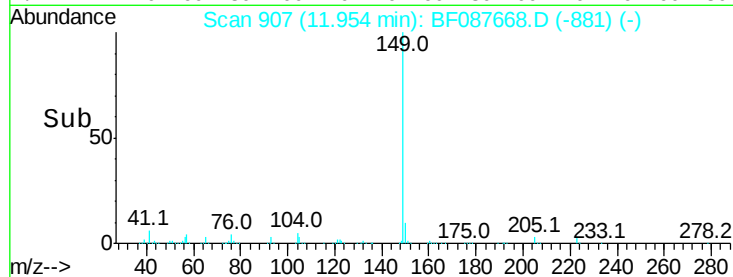
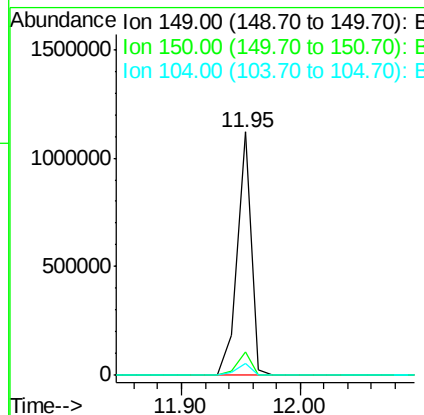
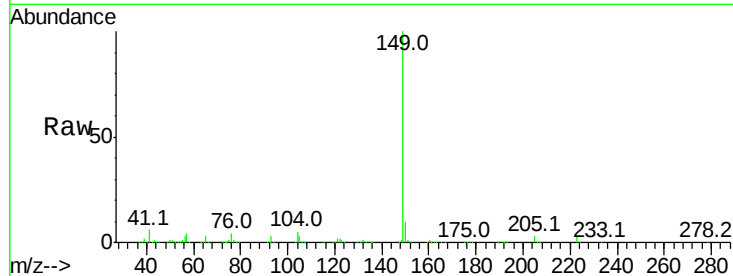
ClientSampleId :

PB91075BS

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 916700 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.6   | 7.8   | 11.6   |
| 104       | 4.7   | 4.0   | 6.0    |



#74

Fluoranthene

Concen: 39.99 ng

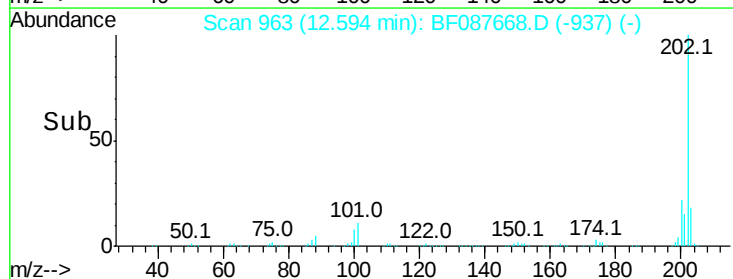
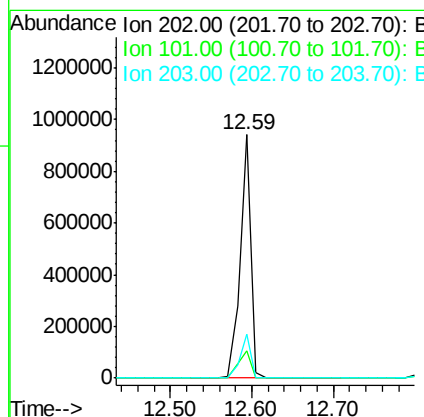
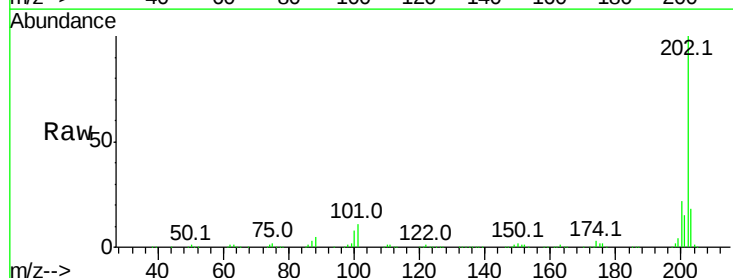
RT: 12.59 min Scan# 963

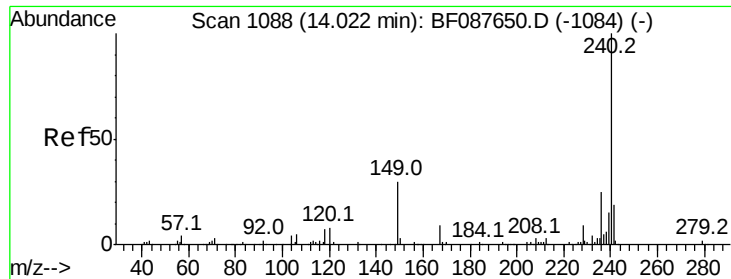
Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 862972 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.2  | 0.0   | 33.1   |
| 203       | 18.0  | 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: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

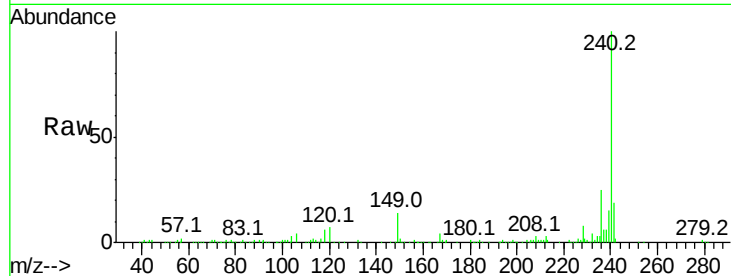
ClientSampleId :

PB91075BS

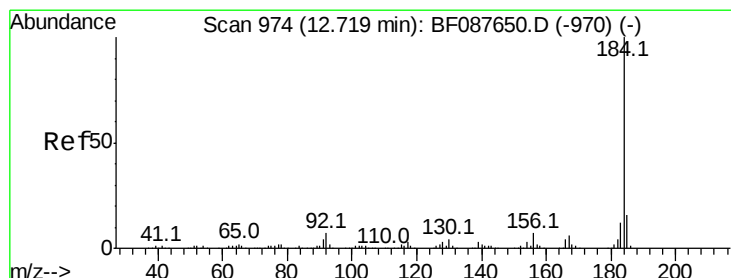
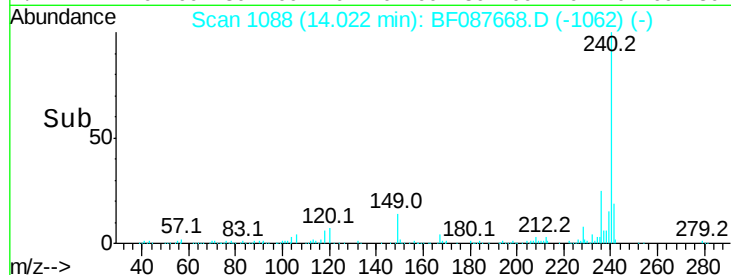
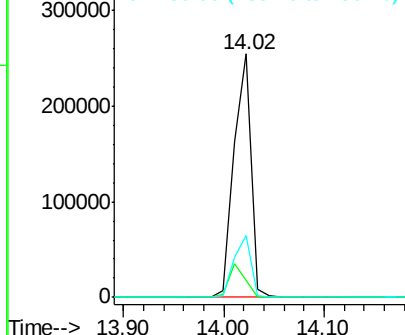
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 300325 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.0   | 6.8   | 10.2   |
| 236       | 25.3  | 20.2  | 30.2   |

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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.50 ng

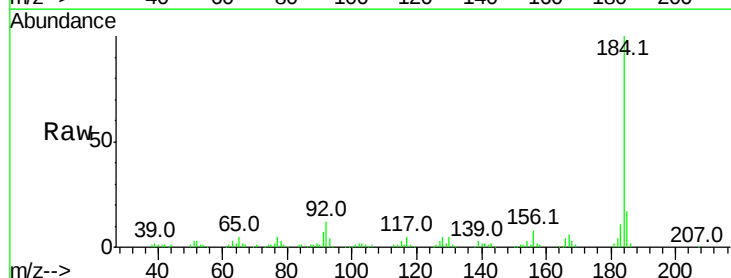
RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

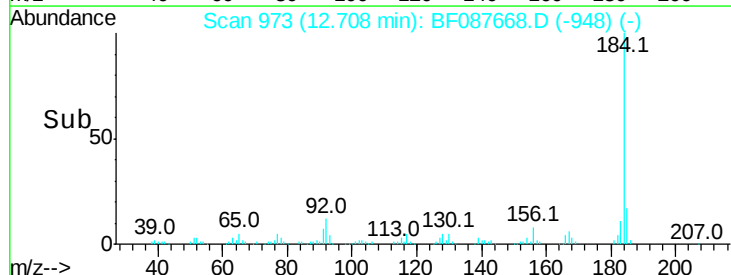
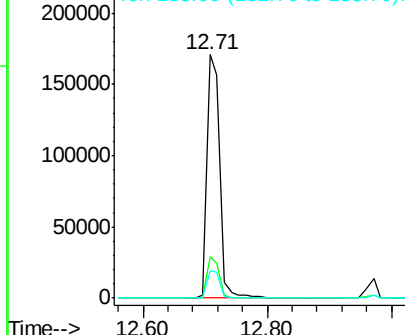
Lab File: BF087668.D

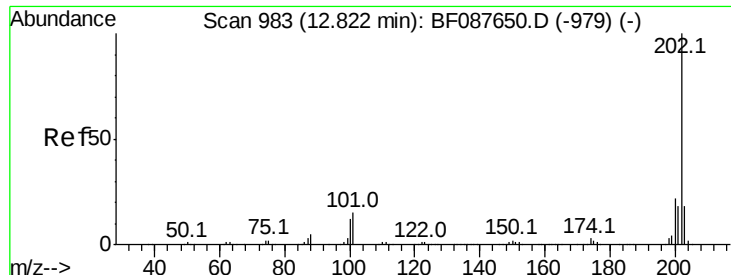
Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 242727 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 17.2  | 12.5  | 18.7   |
| 183       | 11.3  | 9.3   | 13.9   |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





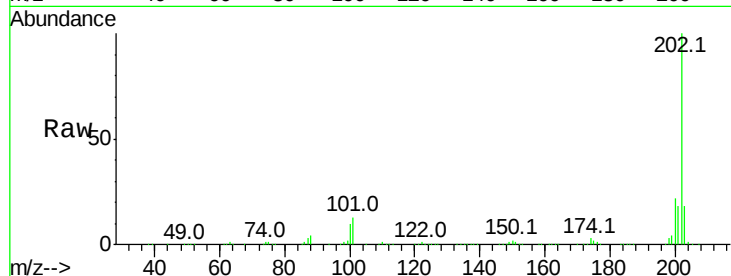
#77  
Pvrene  
Concen: 41.32 ng  
RT: 12.82 min Scan# 983  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.0  | 17.4  | 26.2  |
| 203     | 18.0  | 14.5  | 21.7  |

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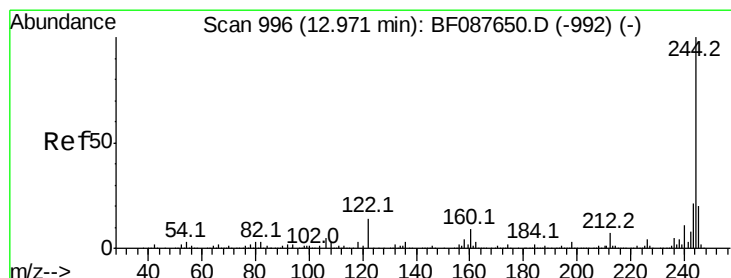
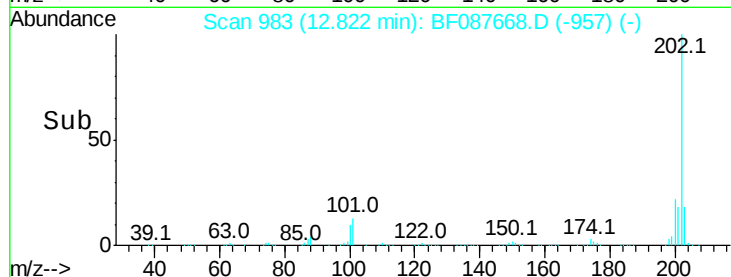
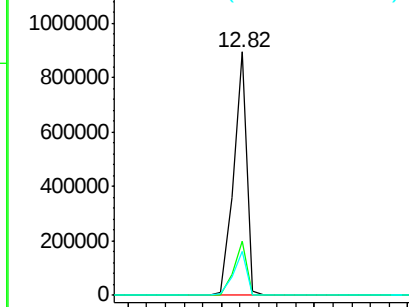


Abundance

Ion 202.00 (201.70 to 202.70): E

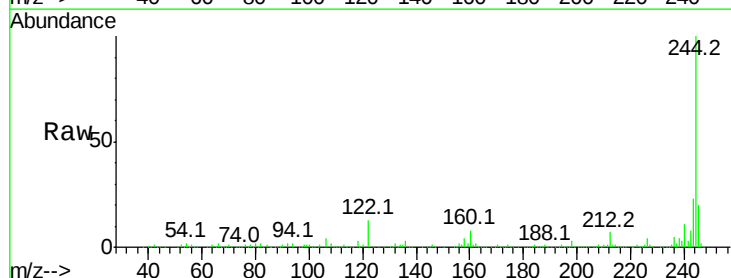
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78  
Terphenyl-d14  
Concen: 76.32 ng  
RT: 12.97 min Scan# 996  
Delta R.T. 0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.5   | 6.0   | 9.0   |
| 122     | 12.6  | 11.2  | 16.8  |

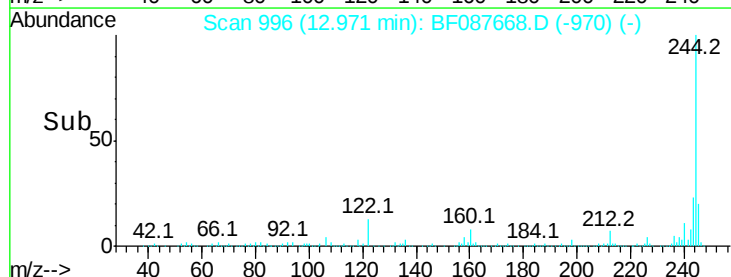
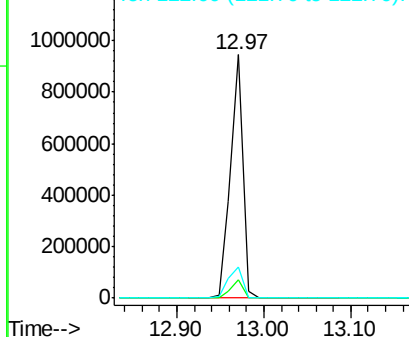


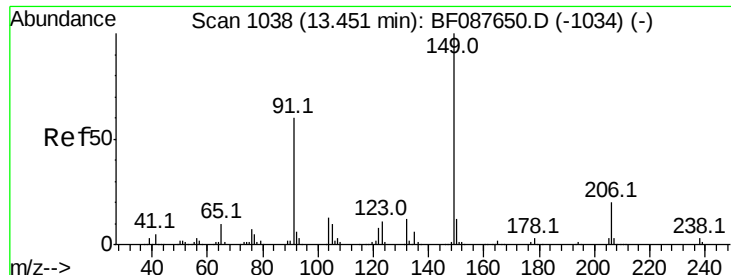
Abundance

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: 42.87 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

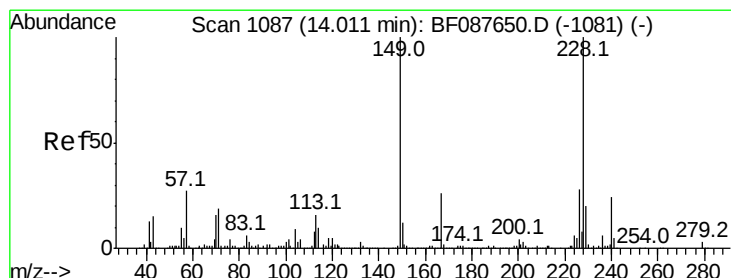
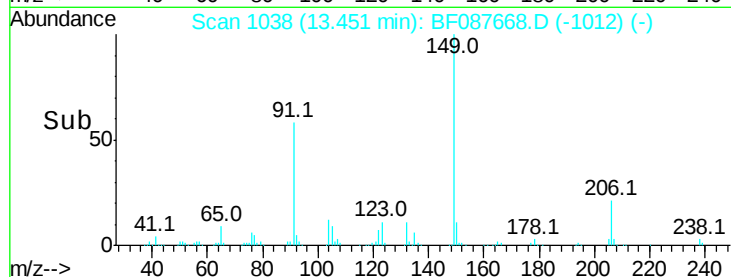
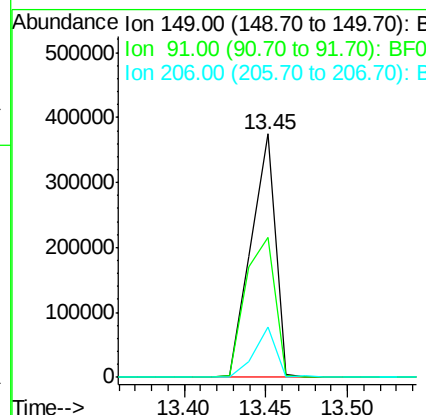
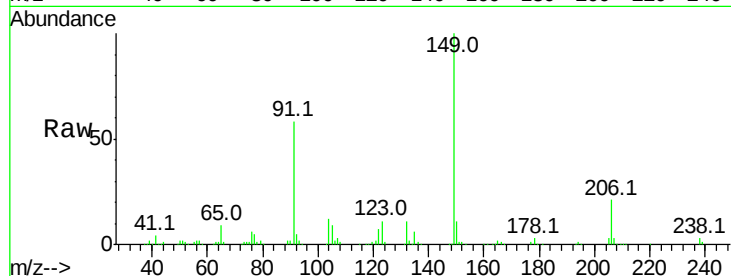
ClientSampled :

PB91075BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 390192 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 57.7  | 48.0  | 72.0   |
| 206       | 20.8  | 16.0  | 24.0   |

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#80

Benzo(a)anthracene

Concen: 39.53 ng

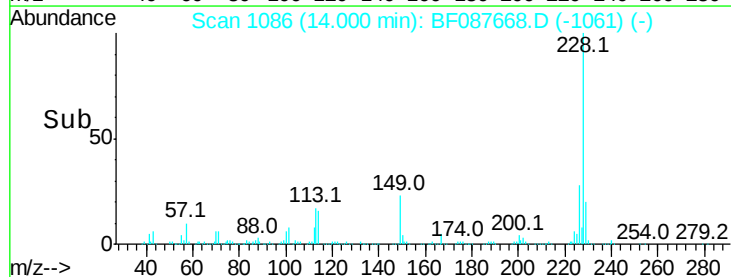
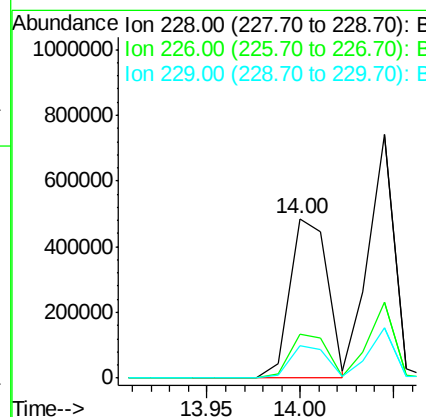
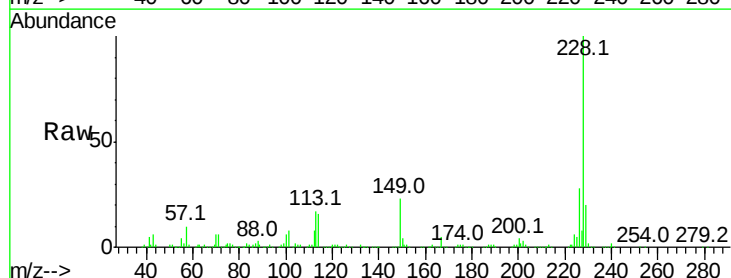
RT: 14.00 min Scan# 1086

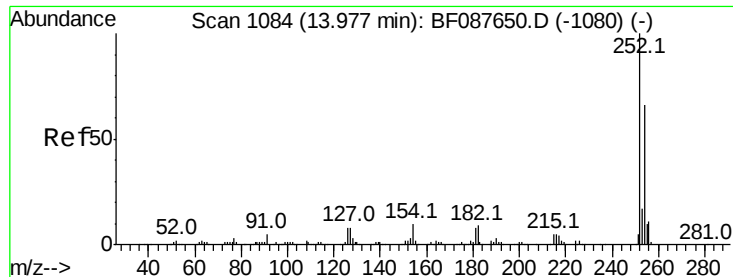
Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 685153 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.6  | 22.3  | 33.5   |
| 229       | 20.5  | 16.0  | 24.0   |





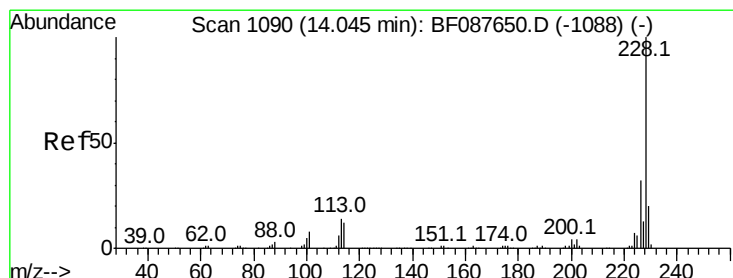
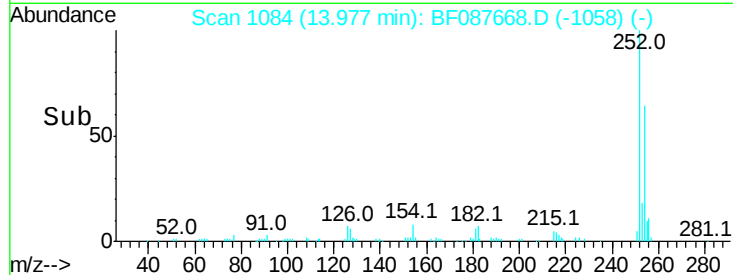
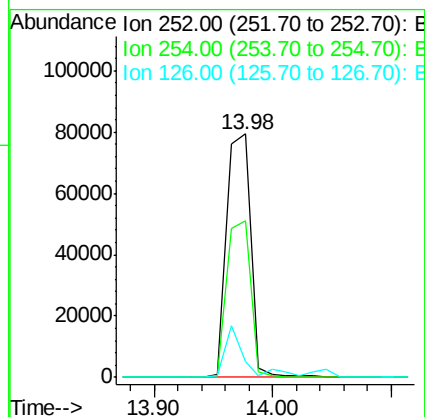
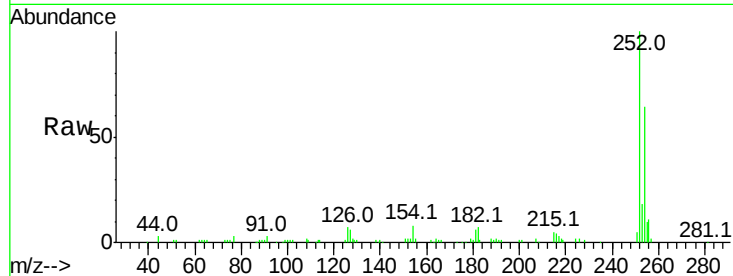
#81  
 3,3'-Dichlorobenzidine  
 Concen: 22.69 ng  
 RT: 13.98 min Scan# 1084  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB91075BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.2  | 52.6  | 78.8  |
| 126     | 6.6   | 6.2   | 9.2   |

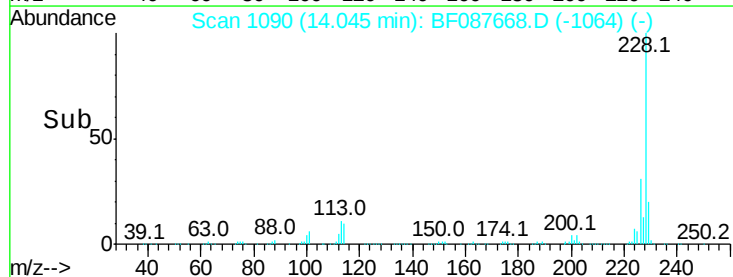
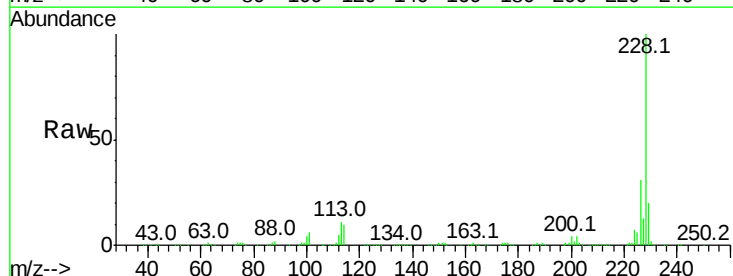
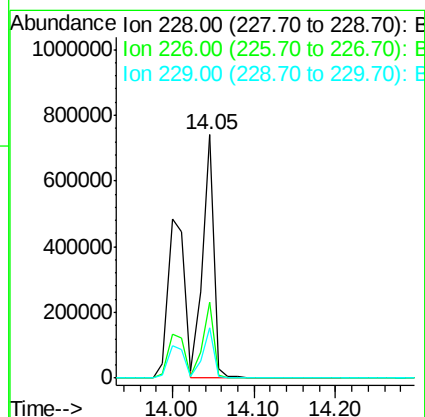
Manual Integrations  
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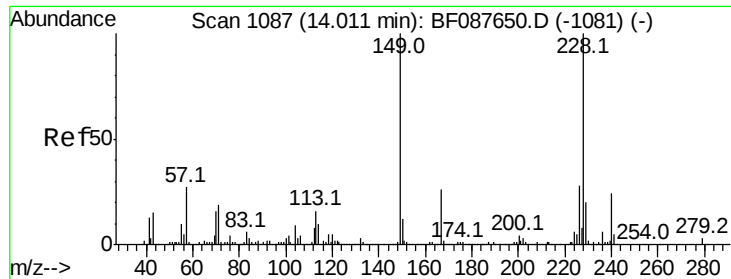
SOHIL  
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#82  
 Chrysene  
 Concen: 41.70 ng  
 RT: 14.05 min Scan# 1090  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

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





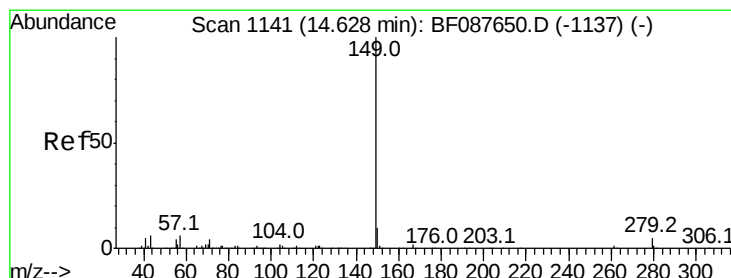
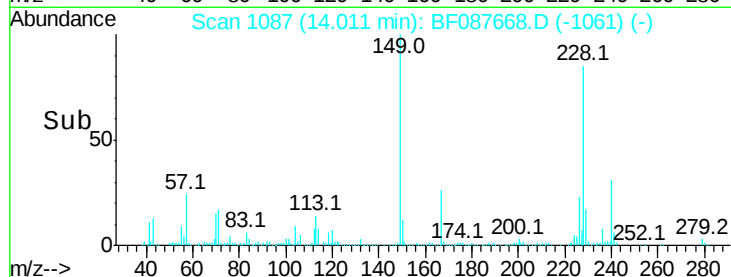
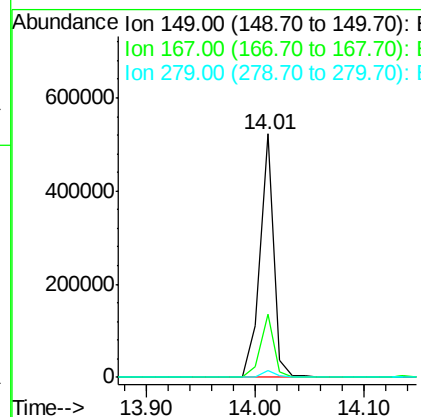
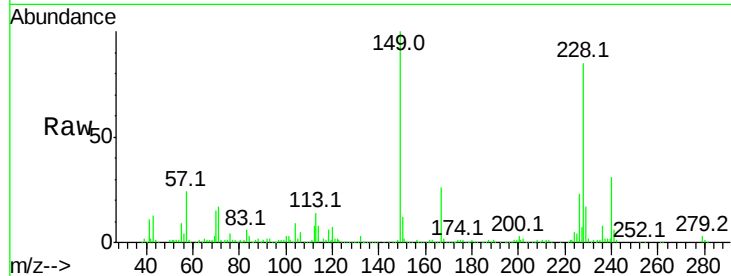
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.85 ng  
 RT: 14.01 min Scan# 1087  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 464163 |       |       |
| 167     | 26.1  | 20.5   | 30.7  |       |
| 279     | 3.0   | 2.0    | 3.0#  |       |

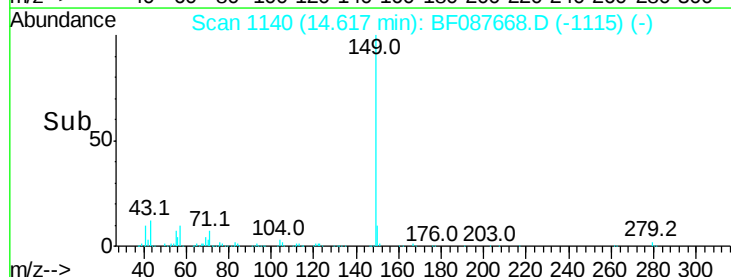
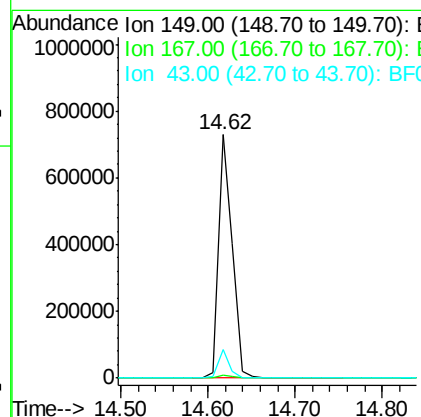
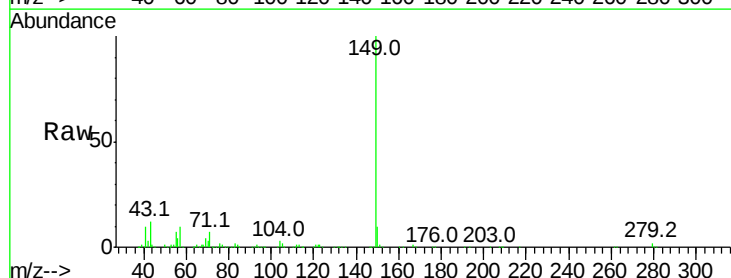
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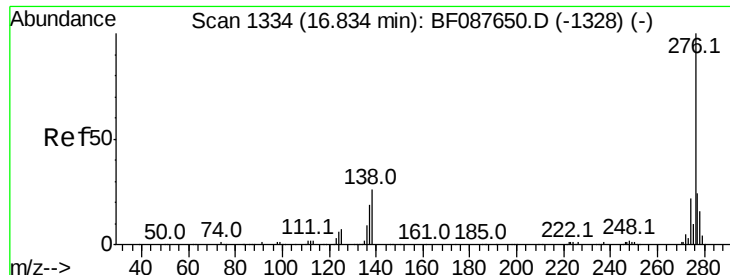
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#84  
 Di-n-octyl phthalate  
 Concen: 40.35 ng  
 RT: 14.62 min Scan# 1140  
 Delta R.T. -0.01 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 812499 |       |       |
| 167     | 1.5   | 0.0    | 0.0#  |       |
| 43      | 10.1  | 0.0    | 0.0#  |       |





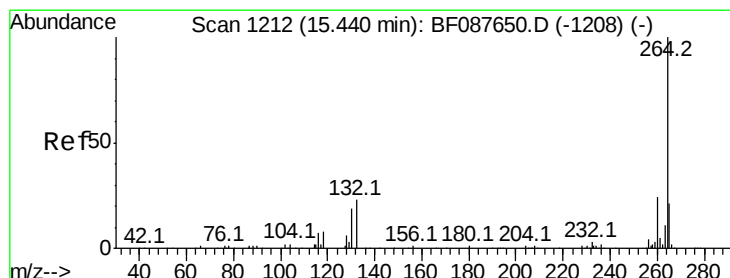
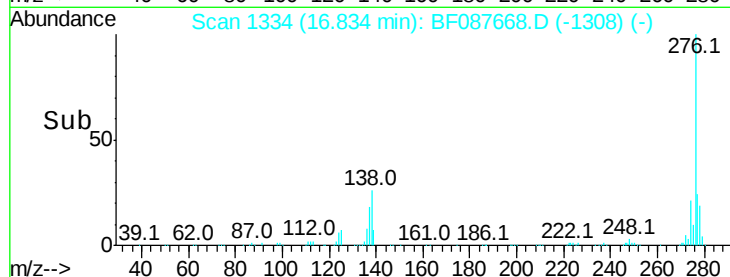
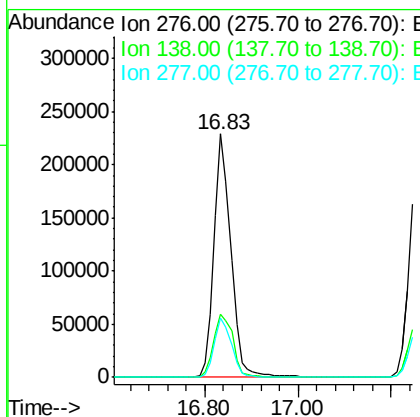
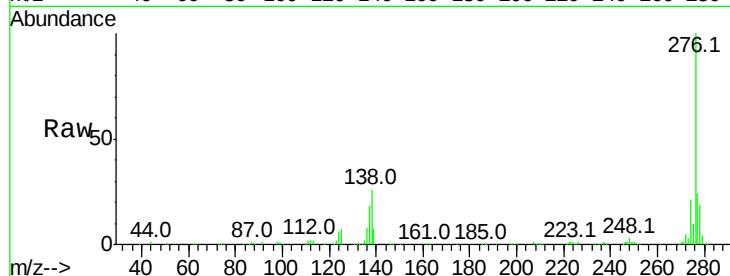
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 40.80 ng  
RT: 16.83 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 29.6  | 0.0        | 0.0#  |
| 277     | 24.9  | 0.0        | 0.0#  |

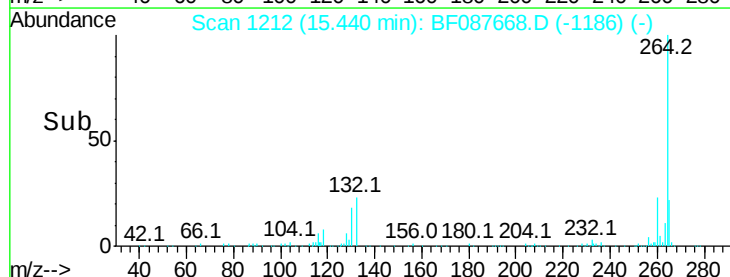
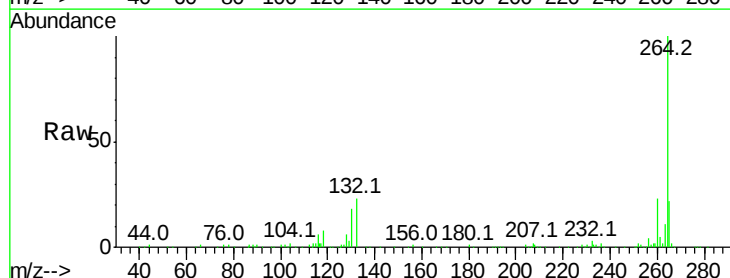
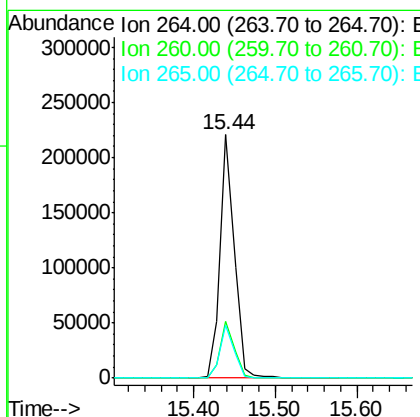
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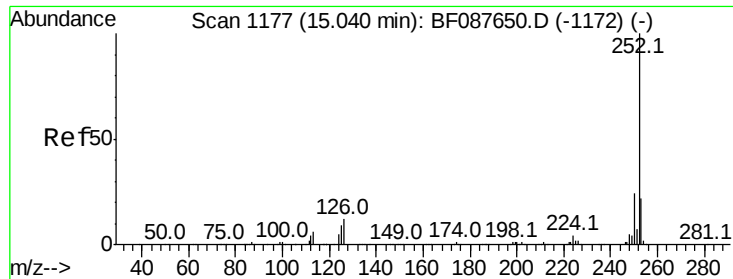
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.44 min Scan# 1212  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 23.4  | 19.2       | 28.8  |
| 265     | 21.9  | 16.9       | 25.3  |





#87

Benzo(b)fluoranthene

Concen: 39.86 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA\_F

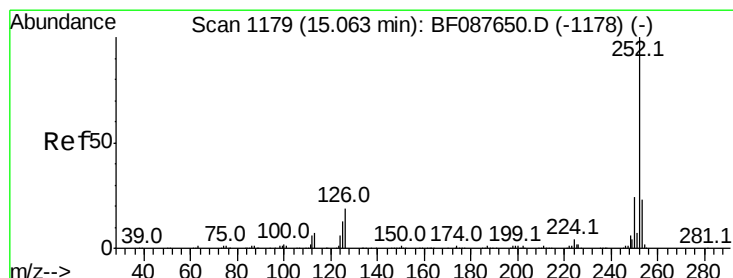
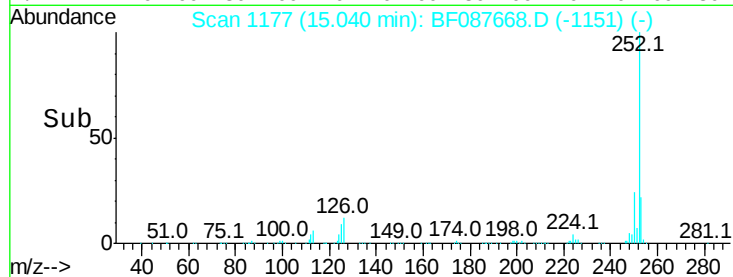
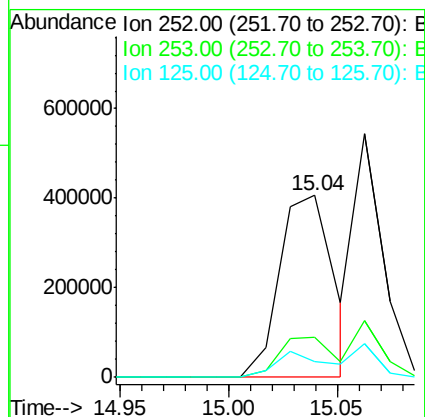
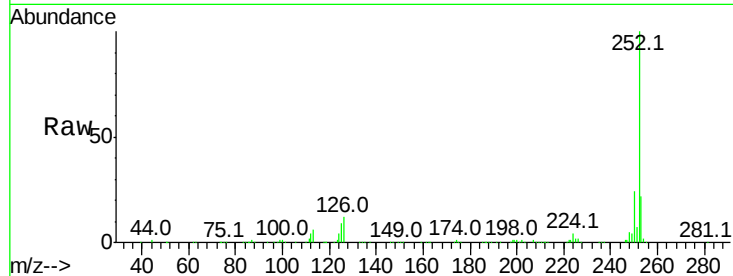
ClientSampleId :

PB91075BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.4  | 26.2  |
| 125     | 8.8   | 7.1   | 10.7  |

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#88

Benzo(k)fluoranthene

Concen: 35.39 ng m

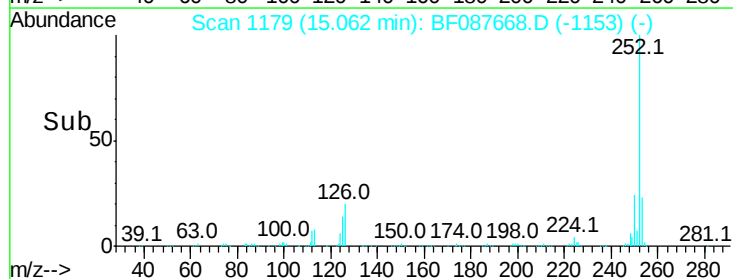
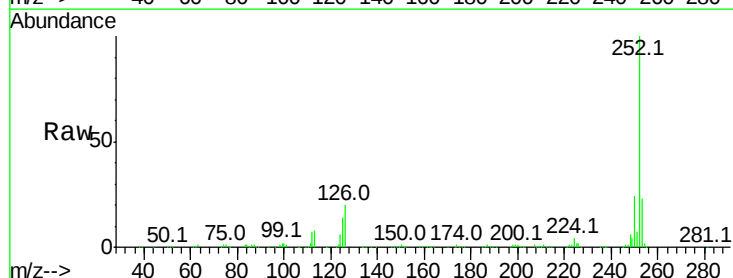
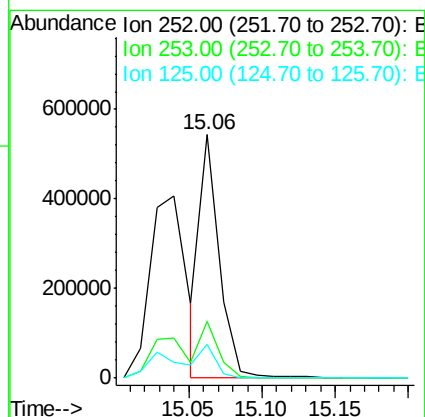
RT: 15.06 min Scan# 1179

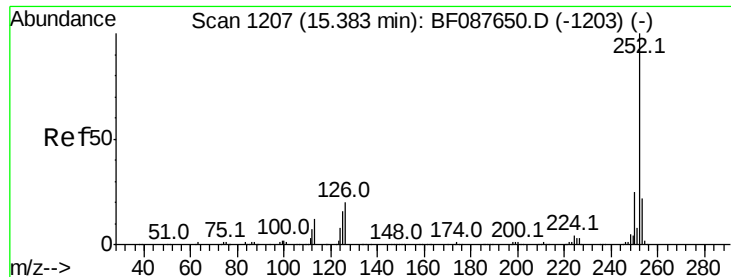
Delta R.T. 0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.0  | 27.0  |
| 125     | 14.0  | 11.2  | 16.8  |





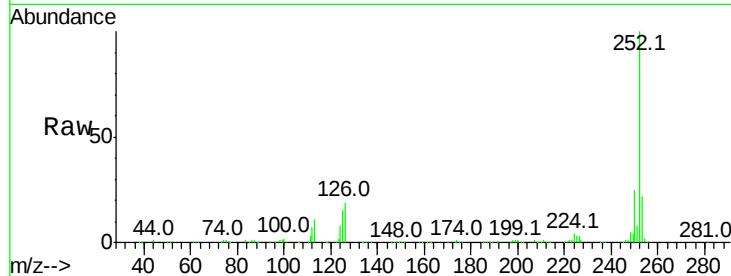
#89  
Benzo(a)pyrene  
Concen: 38.33 ng  
RT: 15.38 min Scan# 1207  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB91075BS

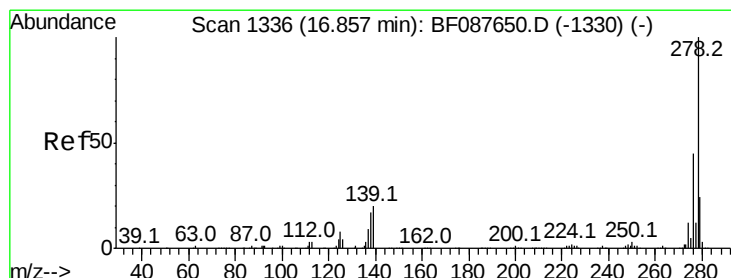
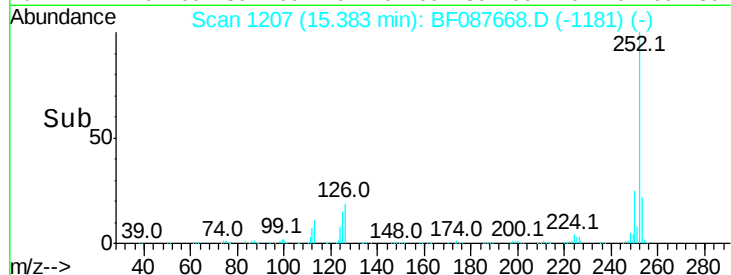
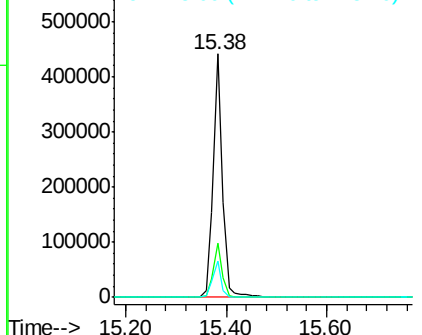
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.9  | 26.9  |
| 125     | 15.1  | 12.5  | 18.7  |

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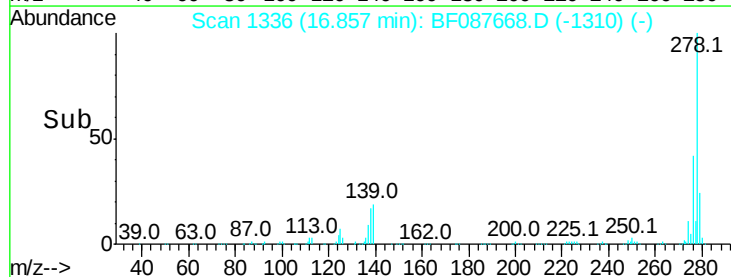
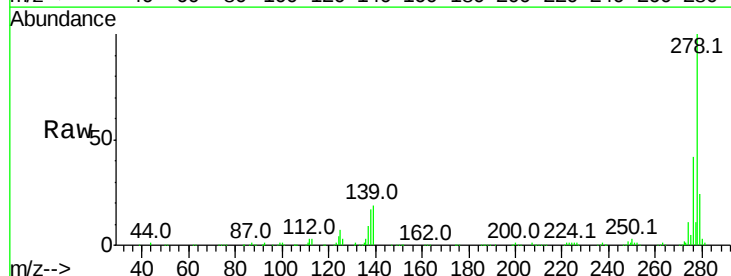
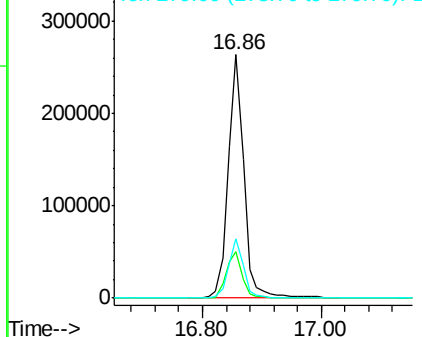
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

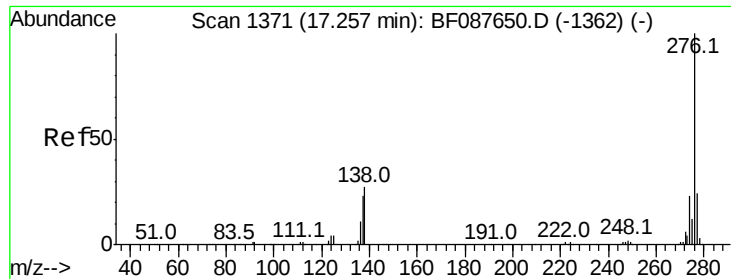


#90  
Dibenzo(a,h)anthracene  
Concen: 38.47 ng  
RT: 16.86 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: BF087668.D  
Acq: 4 Jun 2016 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.1  | 15.7  | 23.5  |
| 279     | 24.2  | 19.4  | 29.2  |

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





#91  
 Benzo(a,h,i)perylene  
 Concen: 38.76 ng  
 RT: 17.26 min Scan# 1371  
 Delta R.T. -0.00 min  
 Lab File: BF087668.D  
 Acq: 4 Jun 2016 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91075BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 490675 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.6  | 18.9  | 28.3   |
| 138       | 25.9  | 21.4  | 32.2   |

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