

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\  
 Data File : BF088231.D  
 Acq On : 22 Jun 2016 00:08  
 Operator : UM/SJ  
 Sample : PB91509BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91509BS

Manual Integrations  
 APPROVED

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 6/22/2016 6:07:49 PM

Quant Time: Jun 22 01:37:17 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 22 01:34:10 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.65  | 152  | 85537    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.93  | 136  | 334694   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.69  | 164  | 161791   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.16 | 188  | 287314   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.79 | 240  | 226337   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.17 | 264  | 181030   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.24  | 112 | 475129 | 94.96 | ng | 0.00  |
| 7) Phenol-d6             | 6.31  | 99  | 545039 | 89.88 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.22  | 82  | 347457 | 60.62 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.48 | 330 | 139053 | 81.40 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.02  | 172 | 693810 | 66.14 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.74 | 244 | 579742 | 58.29 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.20 | 88  | 64043   | 26.34 | ng | # 30   |
| 3) Pyridine                    | 2.86 | 79  | 143281  | 24.96 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 2.80 | 42  | 64153   | 26.39 | ng | 80     |
| 6) Aniline                     | 6.32 | 93  | 118838  | 13.77 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.43 | 128 | 184906  | 31.22 | ng | 99     |
| 10) Phenol                     | 6.32 | 94  | 224003  | 35.24 | ng | 82     |
| 11) bis(2-Chloroethyl)ether    | 6.40 | 93  | 175023  | 32.92 | ng | # 82   |
| 12) 1,3-Dichlorobenzene        | 6.59 | 146 | 191717m | 30.17 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.66 | 146 | 193775  | 30.27 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 6.82 | 146 | 184271  | 31.65 | ng | 96     |
| 15) Benzyl Alcohol             | 6.81 | 79  | 130382  | 27.48 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.94 | 45  | 186809  | 26.00 | ng | # 41   |
| 17) 2-Methylphenol             | 6.92 | 107 | 142028  | 29.57 | ng | 97     |
| 18) Hexachloroethane           | 7.15 | 117 | 69508   | 30.60 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 7.07 | 70  | 113730  | 29.32 | ng | # 87   |
| 20) 3+4-Methylphenols          | 7.08 | 107 | 193942  | 34.61 | ng | # 79   |
| 22) Acetophenone               | 7.07 | 105 | 251449  | 33.62 | ng | # 96   |
| 24) Nitrobenzene               | 7.24 | 77  | 176380  | 31.77 | ng | 94     |
| 25) Isophorone                 | 7.48 | 82  | 330166  | 31.10 | ng | 94     |
| 26) 2-Nitrophenol              | 7.55 | 139 | 98295   | 33.05 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.61 | 122 | 172673  | 31.53 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.70 | 93  | 214659  | 32.60 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.80 | 162 | 157639  | 34.48 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.88 | 180 | 158180  | 31.77 | ng | 97     |
| 31) Naphthalene                | 7.95 | 128 | 518202  | 31.29 | ng | 99     |
| 32) Benzoic acid               | 7.75 | 122 | 76207   | 25.27 | ng | 93     |
| 33) 4-Chloroaniline            | 8.02 | 127 | 75308   | 10.18 | ng | # 91   |
| 34) Hexachlorobutadiene        | 8.08 | 225 | 84668   | 32.25 | ng | 98     |
| 35) Caprolactam                | 8.39 | 113 | 48692m  | 32.15 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.51 | 107 | 153444  | 31.38 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.65 | 142 | 361357  | 33.10 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.81 | 216 | 140756  | 29.93 | ng | # 1    |
| 40) Hexachlorocyclopentadiene  | 8.80 | 237 | 73443   | 28.14 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 8.94 | 196 | 93410   | 28.87 | ng | 97     |

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 PB91509BS

Manual Integrations  
 APPROVED

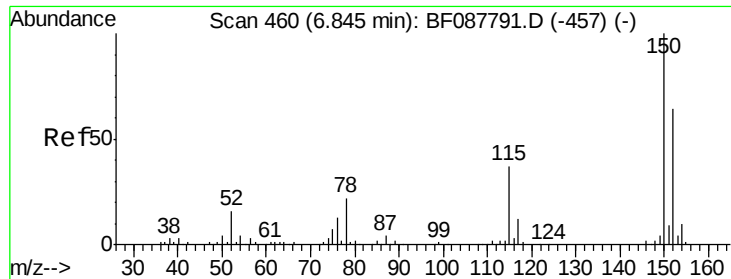
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 6/22/2016 6:07:49 PM

Quant Time: Jun 22 01:37:17 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 8.98  | 196  | 91595    | 27.21 | nq    | # 81     |
| 45) 1,1'-Biphenyl              | 9.12  | 154  | 415553   | 32.49 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 9.14  | 162  | 326759   | 31.21 | nq    | # 92     |
| 47) 2-Nitroaniline             | 9.24  | 65   | 94236    | 30.51 | nq    | # 65     |
| 48) Acenaphthylene             | 9.55  | 152  | 507364   | 30.47 | nq    | 98       |
| 49) Dimethylphthalate          | 9.43  | 163  | 386452   | 32.97 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.48  | 165  | 86909    | 32.38 | nq    | # 79     |
| 51) Acenaphthene               | 9.71  | 154  | 290215   | 27.94 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.66  | 138  | 44993    | 14.53 | nq    | 81       |
| 53) 2,4-Dinitrophenol          | 9.77  | 184  | 66283    | 50.27 | nq    | # 84     |
| 54) Dibenzofuran               | 9.90  | 168  | 441502   | 30.86 | nq    | 96       |
| 55) 4-Nitrophenol              | 9.84  | 139  | 90912    | 37.82 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 9.90  | 165  | 106599   | 30.90 | nq    | # 88     |
| 57) Fluorene                   | 10.24 | 166  | 344500   | 34.51 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.02 | 232  | 80164    | 30.30 | nq    | # 57     |
| 59) Diethylphthalate           | 10.12 | 149  | 385459   | 32.49 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.23 | 204  | 148958   | 31.31 | nq    | 97       |
| 61) 4-Nitroaniline             | 10.27 | 138  | 90594    | 30.84 | nq    | 87       |
| 62) Azobenzene                 | 10.39 | 77   | 367077   | 31.29 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198  | 53318    | 30.55 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.35 | 169  | 329184   | 34.53 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.72 | 248  | 98951    | 32.10 | nq    | 93       |
| 67) Hexachlorobenzene          | 10.78 | 284  | 99657    | 31.12 | nq    | 99       |
| 68) Atrazine                   | 10.88 | 200  | 83642    | 28.97 | nq    | 91       |
| 69) Pentachlorophenol          | 10.98 | 266  | 74345    | 44.04 | nq    | 96       |
| 70) Phenanthrene               | 11.19 | 178  | 491439   | 32.60 | nq    | 99       |
| 71) Anthracene                 | 11.24 | 178  | 525186   | 34.53 | nq    | 99       |
| 72) Carbazole                  | 11.40 | 167  | 502696   | 35.32 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.74 | 149  | 587485   | 32.61 | nq    | 99       |
| 74) Fluoranthene               | 12.38 | 202  | 527399   | 33.15 | nq    | 94       |
| 76) Benzidine                  | 12.50 | 184  | 188498   | 30.08 | nq    | 98       |
| 77) Pyrene                     | 12.59 | 202  | 497058   | 29.59 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.22 | 149  | 245542   | 33.07 | nq    | 90       |
| 80) Benzo(a)anthracene         | 13.78 | 228  | 385609   | 29.90 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.75 | 252  | 73577    | 21.21 | nq    | # 96     |
| 82) Chrysene                   | 13.82 | 228  | 409430   | 33.74 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.78 | 149  | 292018   | 32.31 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.39 | 149  | 529051   | 36.02 | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.45 | 276  | 326003   | 28.92 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 14.79 | 252  | 352361m  | 27.93 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.81 | 252  | 362888m  | 38.13 | nq    |          |
| 89) Benzo(a)pyrene             | 15.11 | 252  | 335722   | 32.89 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.46 | 278  | 273811   | 28.88 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 16.82 | 276  | 283205   | 29.04 | nq    | 97       |

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





#1

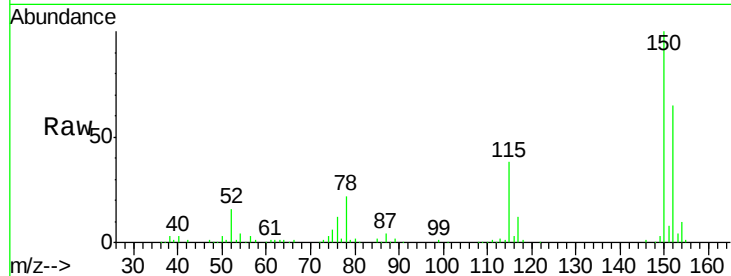
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Concen: 20.00 ng  
RT: 6.65 min Scan# 443  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
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PB91509BS

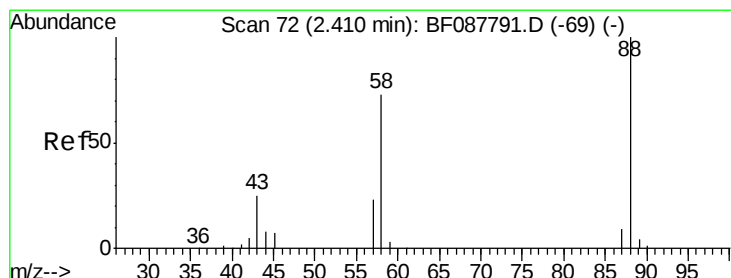
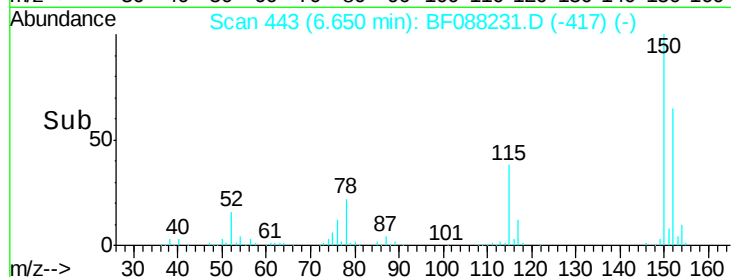
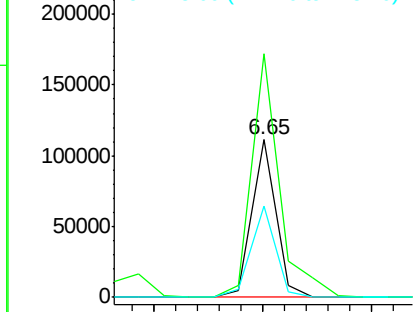
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.7 | 123.8 | 185.6 |
| 115     | 58.1  | 39.6  | 59.4  |

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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

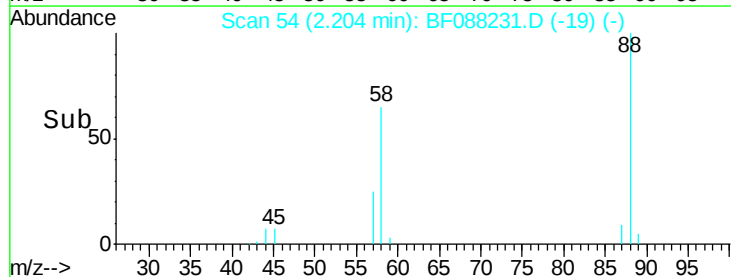
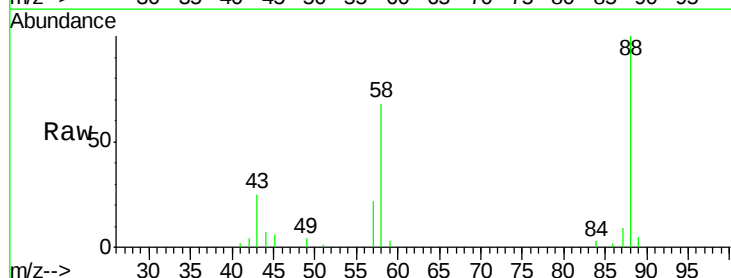
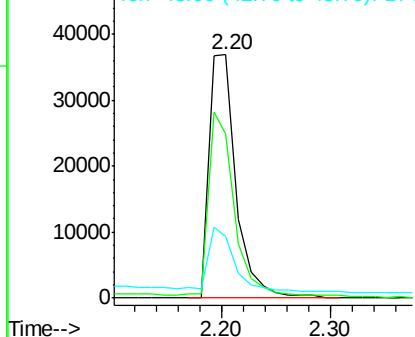


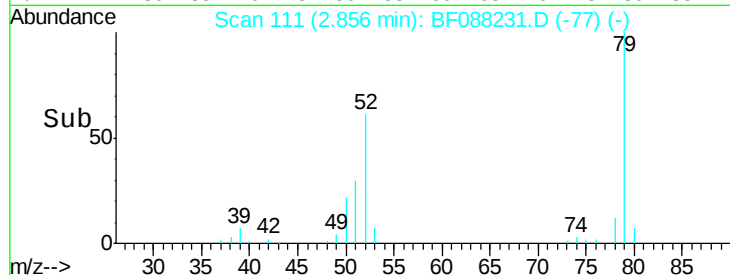
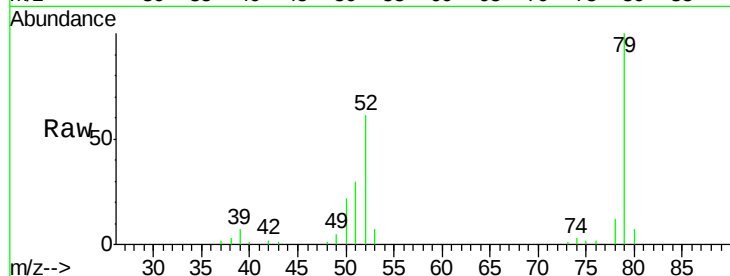
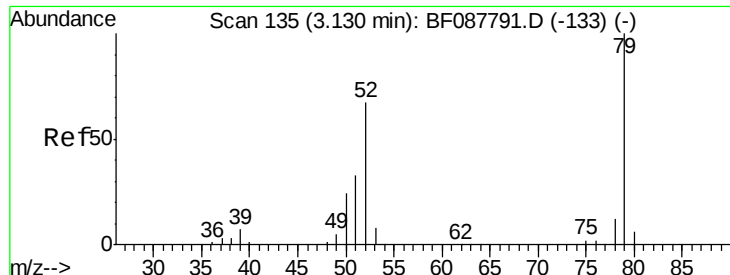
#2

1,4-Dioxane  
Concen: 26.34 ng  
RT: 2.20 min Scan# 54  
Delta R.T. 0.10 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.7  | 0.0   | 0.0#  |
| 43      | 27.4  | 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





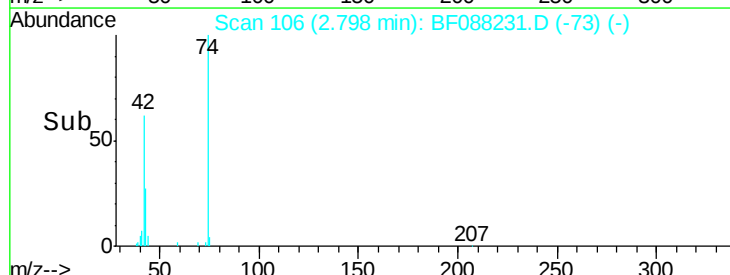
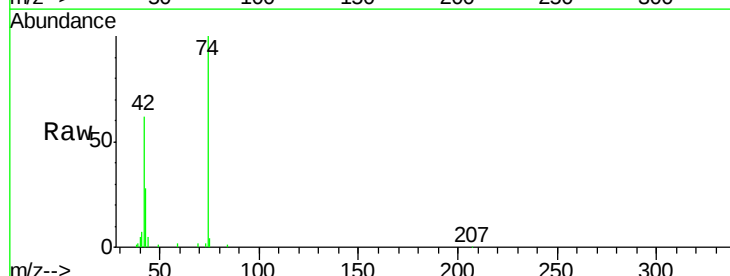
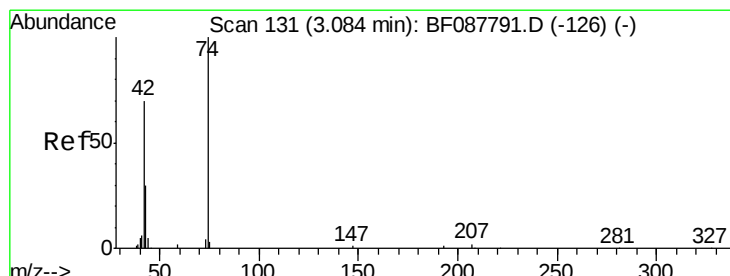
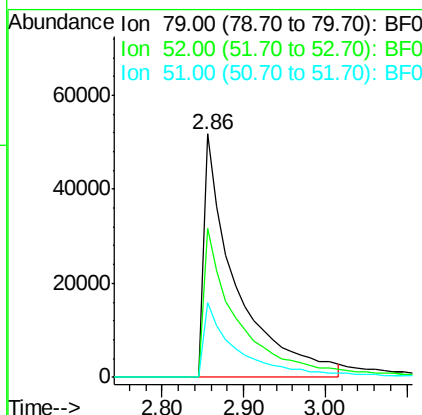
#3  
 Pvridine  
 Concen: 24.96 ng  
 RT: 2.86 min Scan# 111  
 Delta R.T. 0.09 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       | 143281 |       |       |
| 52      | 61.1 | 56.3  | 84.5   |       |       |
| 51      | 30.4 | 27.4  | 41.2   |       |       |

Instrument :  
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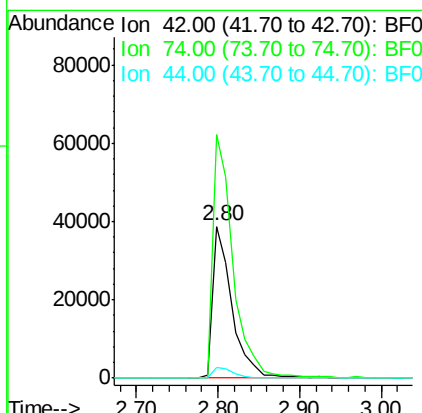
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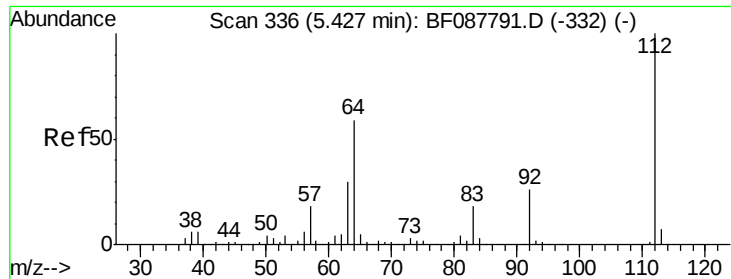
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#4  
 n-Nitrosodimethylamine  
 Concen: 26.39 ng  
 RT: 2.80 min Scan# 106  
 Delta R.T. 0.08 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 42      | 100   |       | 64153 |       |       |
| 74      | 160.4 | 108.6 | 163.0 |       |       |
| 44      | 7.4   | 5.5   | 8.3   |       |       |





#5

2-Fluorophenol

Concen: 94.96 ng

RT: 5.24 min Scan# 320

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

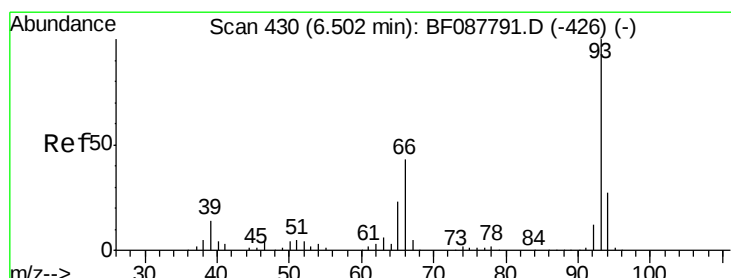
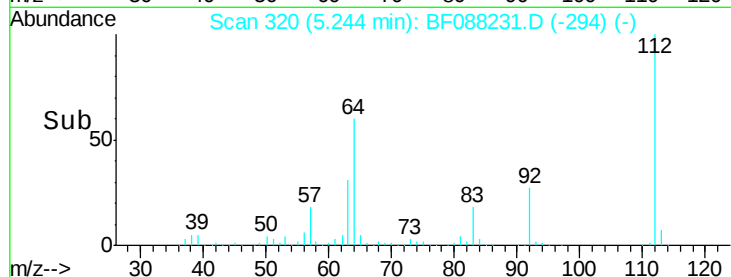
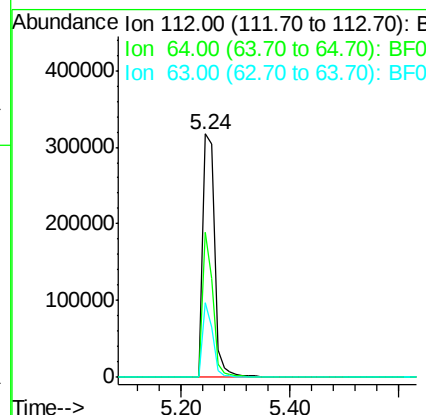
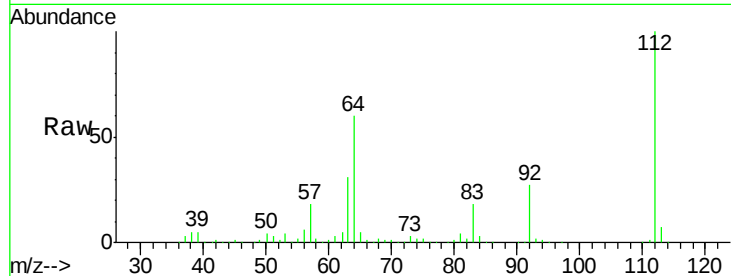
ClientSampleId :

PB91509BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 475129 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.7  | 42.2  | 63.2   |
| 63        | 30.7  | 21.8  | 32.8   |

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#6

Aniline

Concen: 13.77 ng

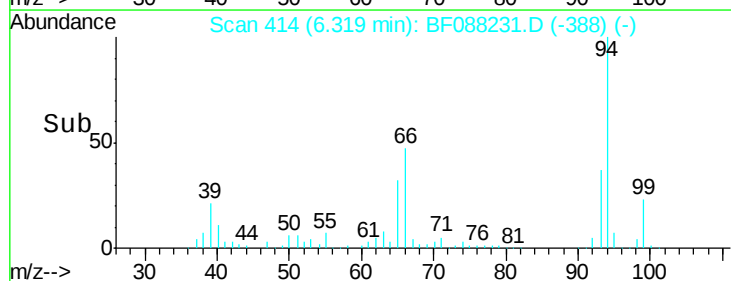
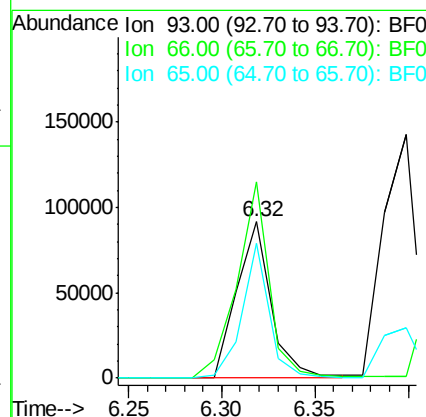
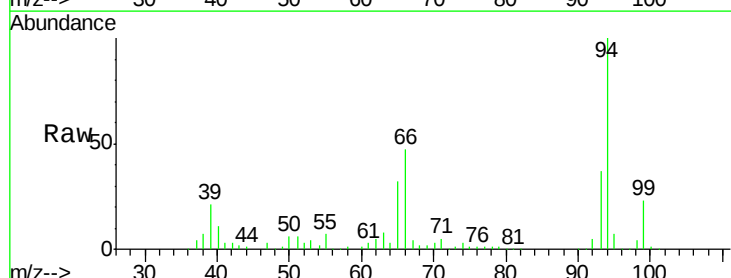
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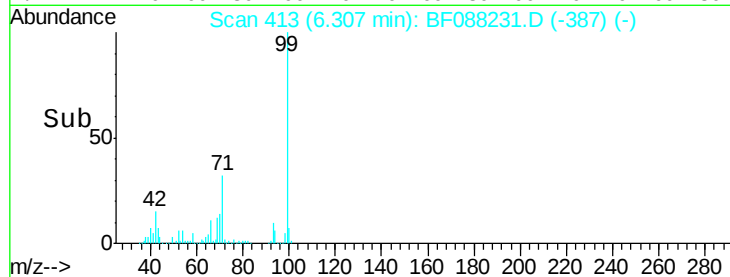
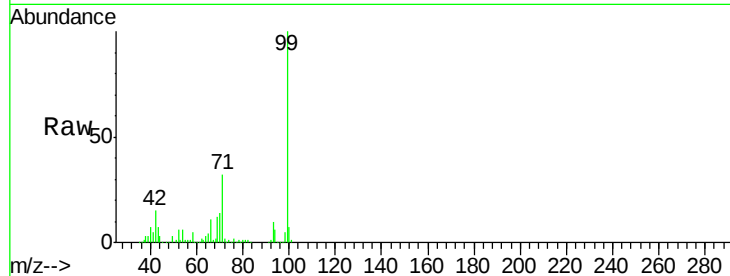
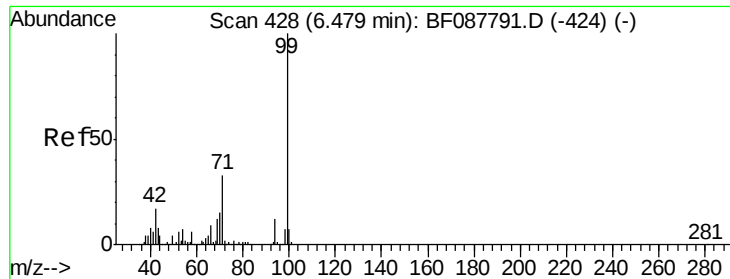
Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 118838 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 125.9 | 29.8  | 44.8#  |
| 65        | 86.1  | 14.9  | 22.3#  |





#7

Phenol-d6

Concen: 89.88 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 545039 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 14.6  | 12.2  | 18.2   |
| 71       | 32.4  | 23.4  | 35.0   |

Instrument :

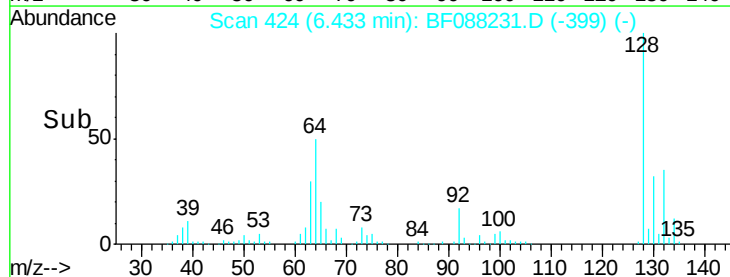
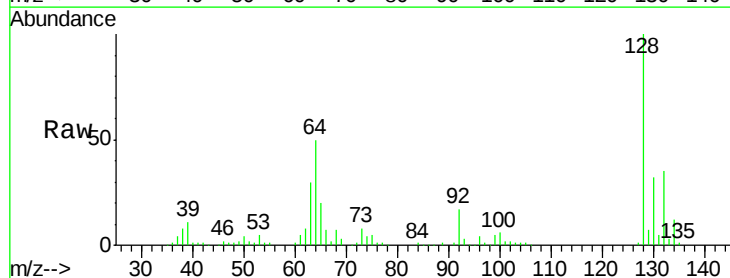
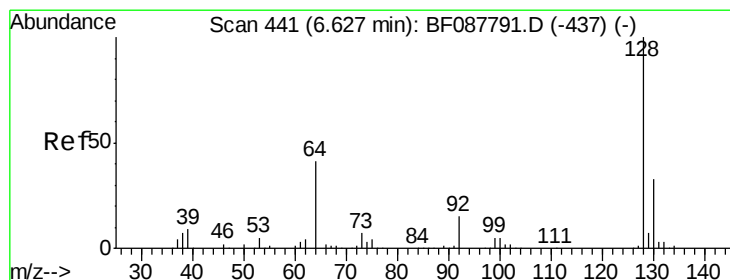
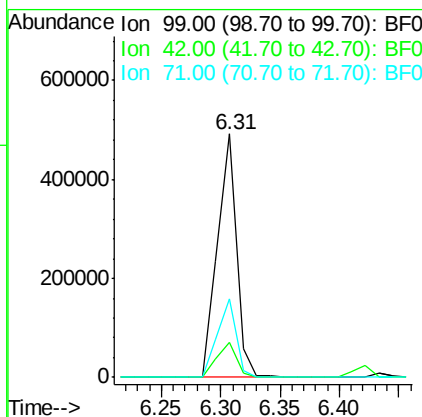
BNA\_F

ClientSampleId :

PB91509BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 31.22 ng

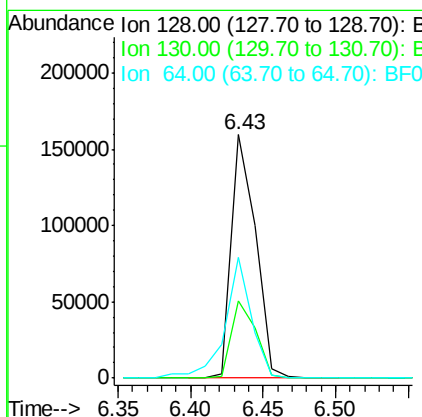
RT: 6.43 min Scan# 424

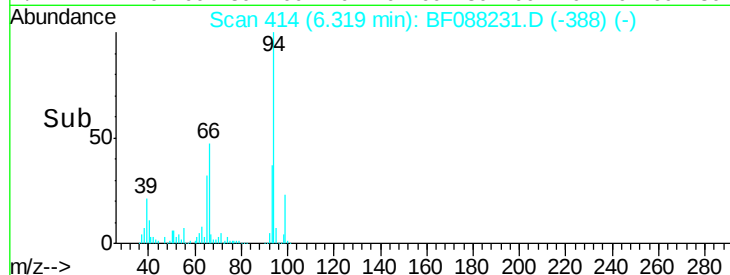
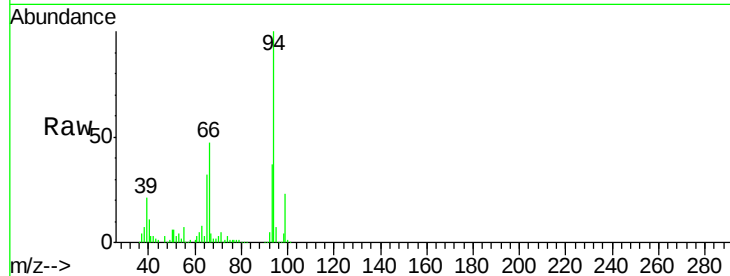
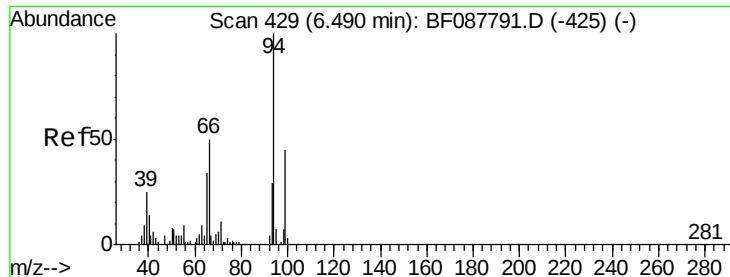
Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 184906 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 31.7  | 12.0  | 52.0   |
| 64       | 49.6  | 30.8  | 70.8   |





#10

Phenol

Concen: 35.24 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 94    | Resp: | 224003 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 32.1  | 5.9   | 45.9   |
| 66       | 46.9  | 14.0  | 54.0   |

Instrument :

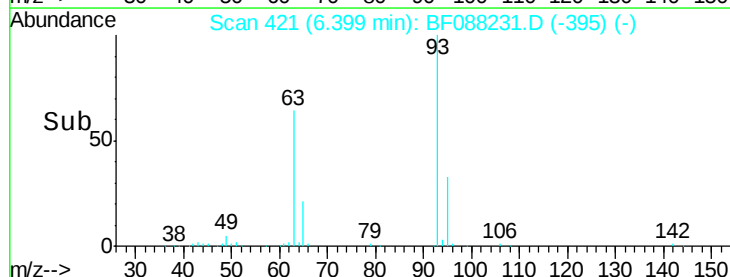
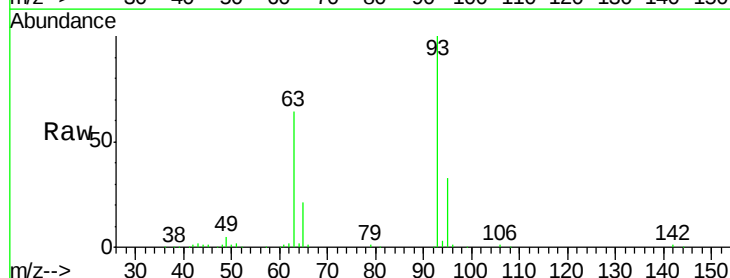
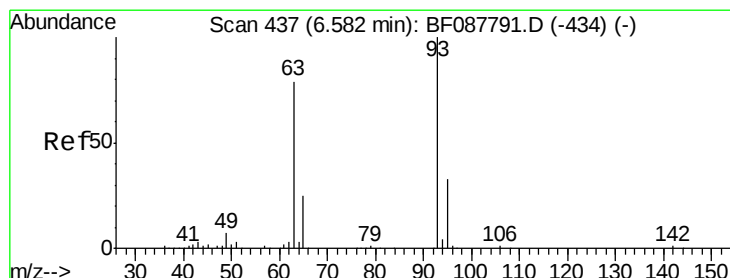
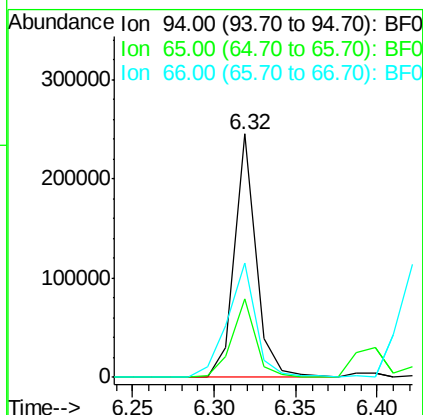
BNA\_F

ClientSampleId :

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#11

bis(2-Chloroethyl)ether

Concen: 32.92 ng

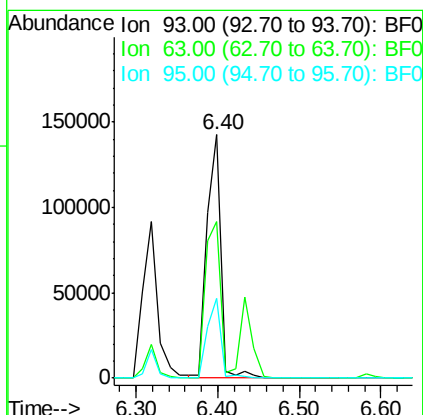
RT: 6.40 min Scan# 421

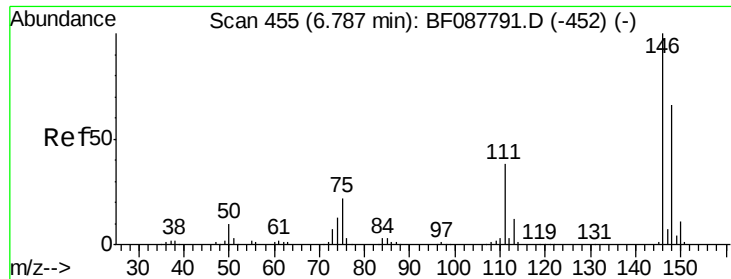
Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 175023 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 64.3  | 67.6  | 107.6# |
| 95       | 32.6  | 12.5  | 52.5   |





#12

1,3-Dichlorobenzene

Concen: 30.17 ng/mL

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

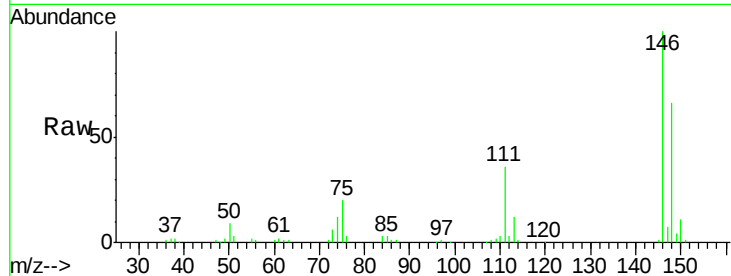
ClientSampleID :

PB91509BS

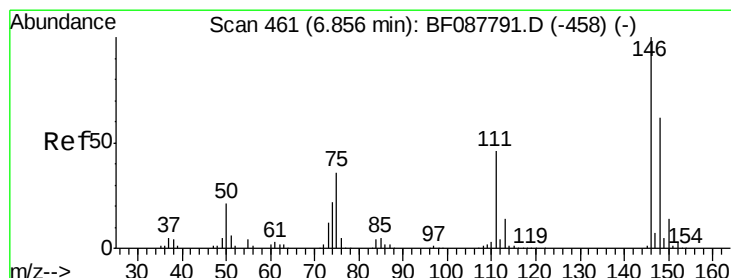
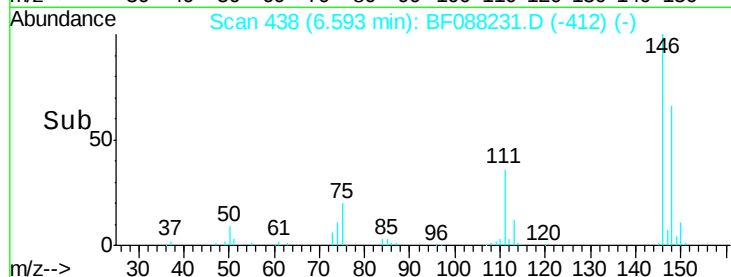
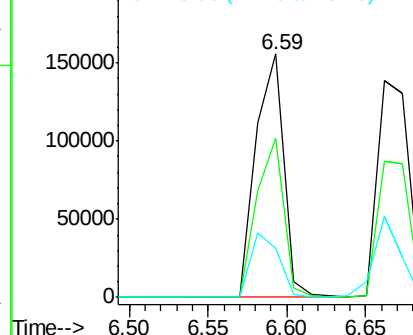
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 191717 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.5  | 50.9  | 76.3   |
| 75        | 20.4  | 25.6  | 38.4   |

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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 30.27 ng/mL

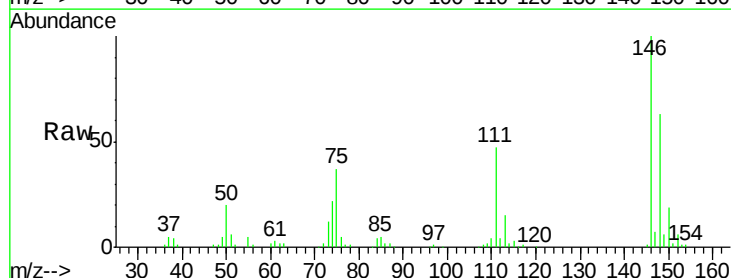
RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

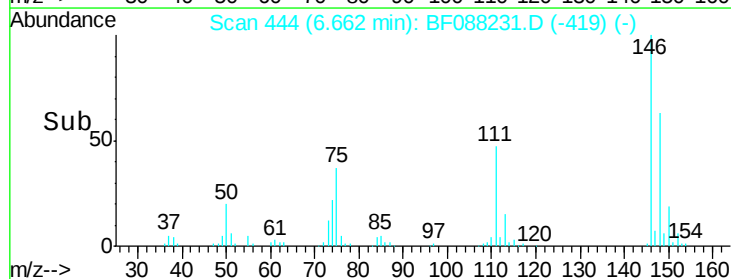
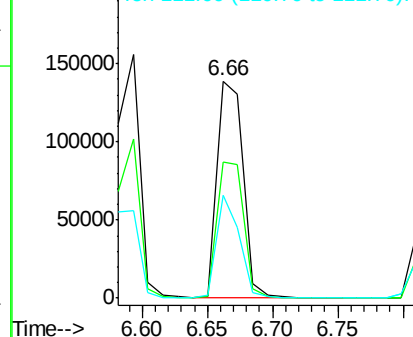
Lab File: BF088231.D

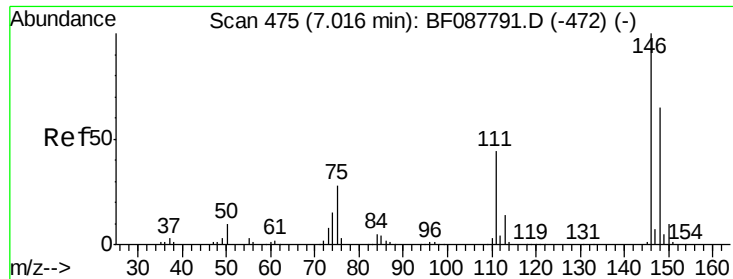
Acq: 22 Jun 2016 00:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 193775 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.9  | 52.0  | 78.0   |
| 111       | 47.3  | 33.8  | 50.8   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 31.65 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

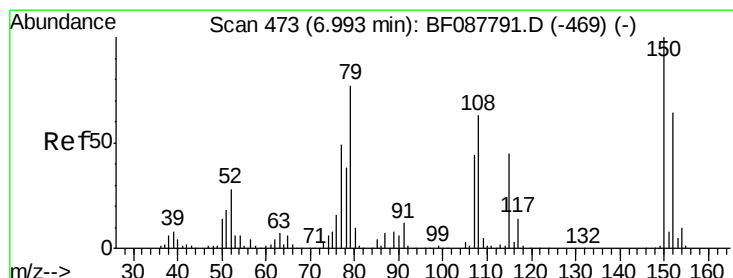
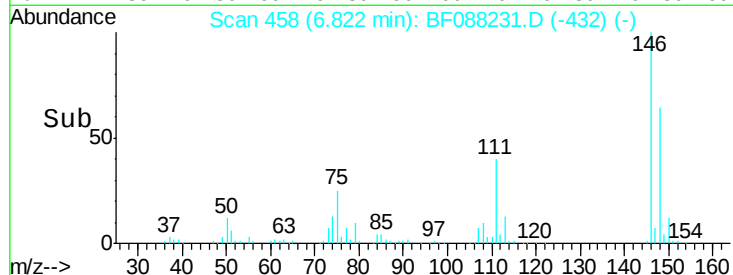
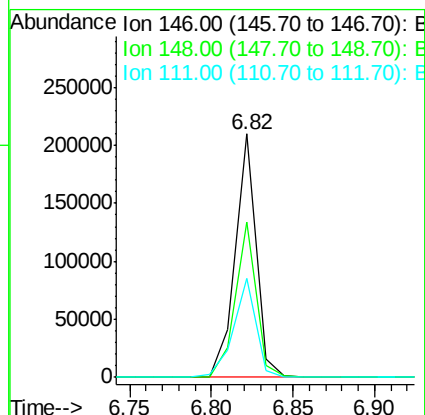
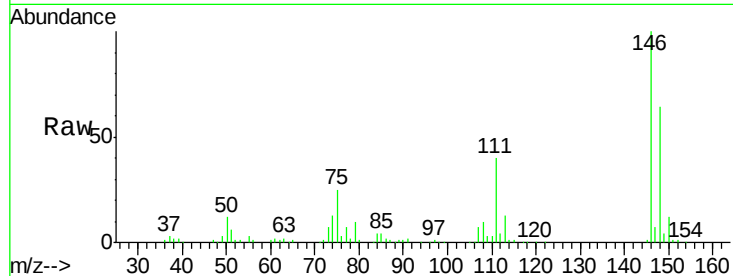
ClientSampleId :

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 184271 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.7  | 52.3  | 78.5   |
| 111       | 40.4  | 28.7  | 43.1   |

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#15

Benzyl Alcohol

Concen: 27.48 ng

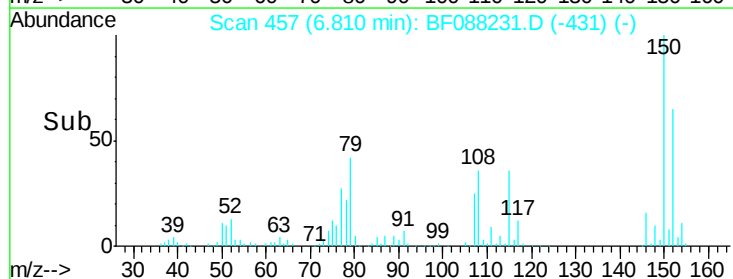
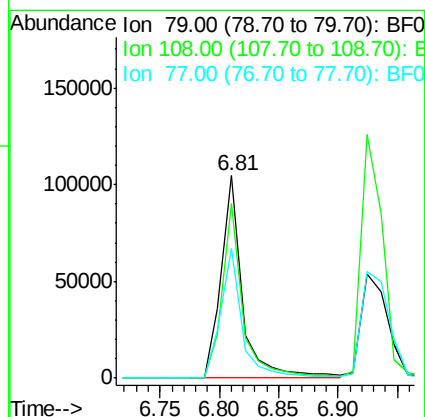
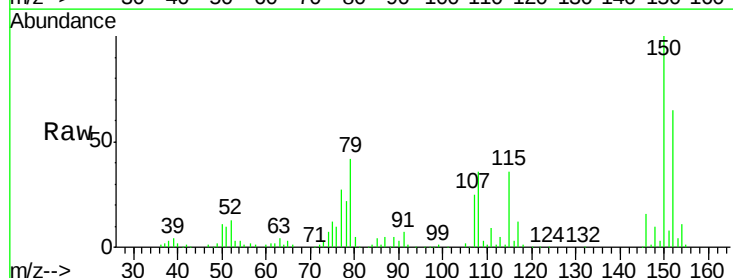
RT: 6.81 min Scan# 457

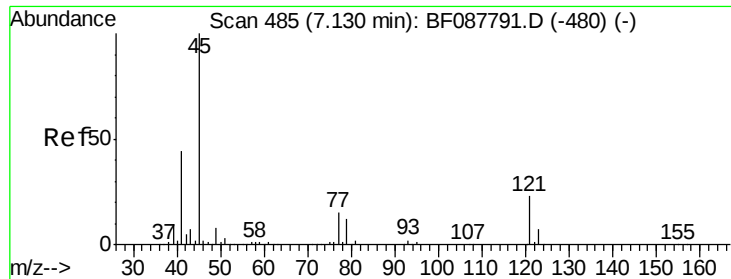
Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 130382 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 86.1  | 65.0  | 97.6   |
| 77        | 64.4  | 50.3  | 75.5   |





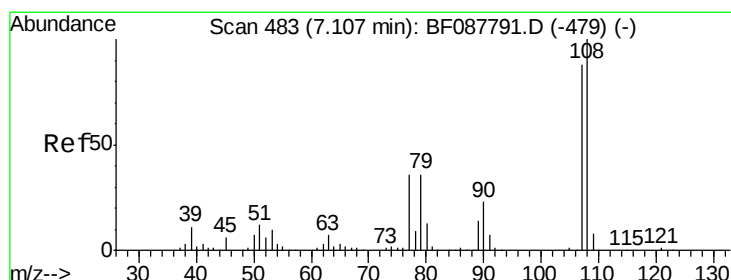
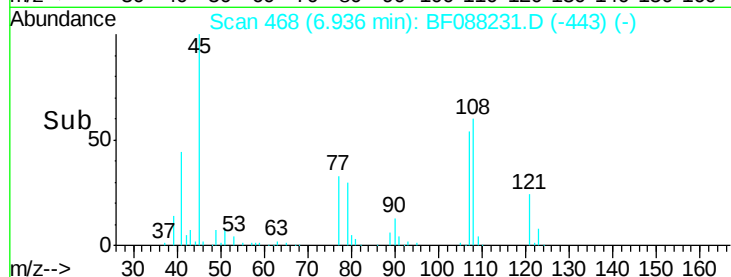
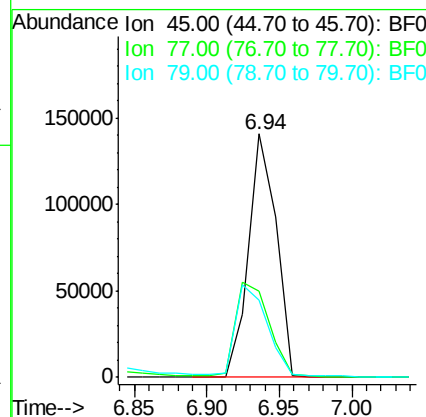
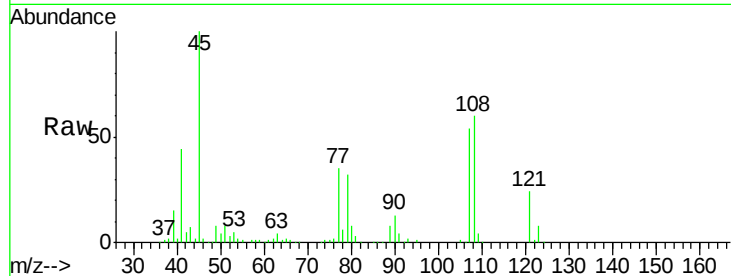
#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 26.00 ng  
RT: 6.94 min Scan# 468  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 45      | 100   |            |       |
| 77      | 35.3  | 0.0        | 32.5# |
| 79      | 31.5  | 0.0        | 29.5# |

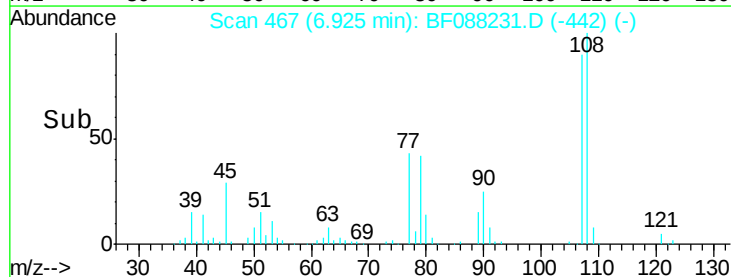
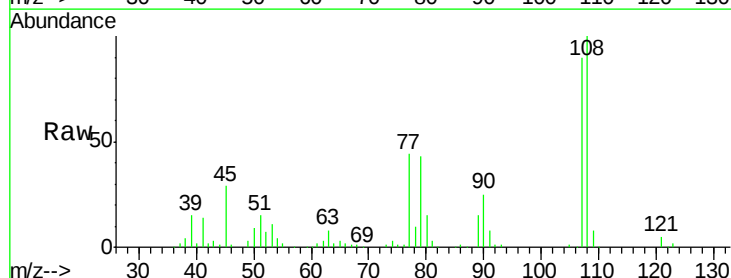
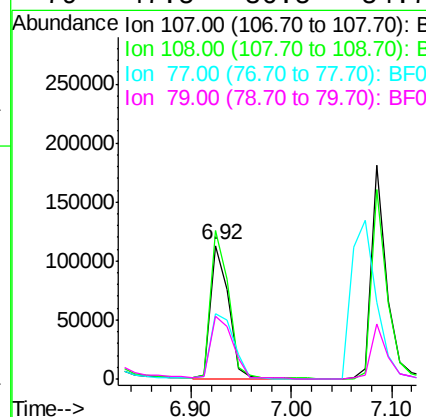
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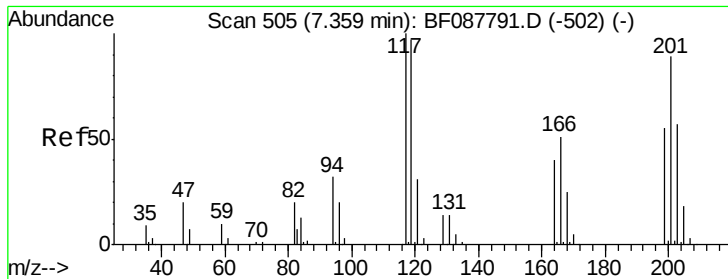
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#17  
2-Methylphenol  
Concen: 29.57 ng  
RT: 6.92 min Scan# 467  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 107     | 100   |            |       |
| 108     | 111.5 | 90.9       | 136.3 |
| 77      | 48.8  | 36.6       | 55.0  |
| 79      | 47.5  | 36.5       | 54.7  |





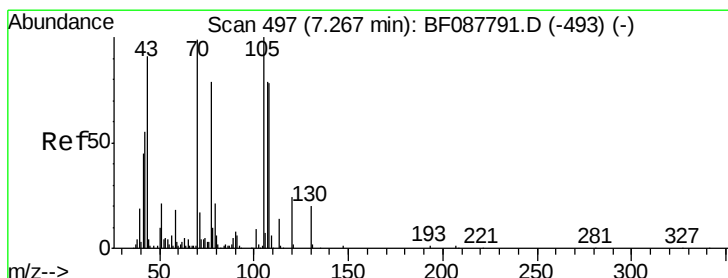
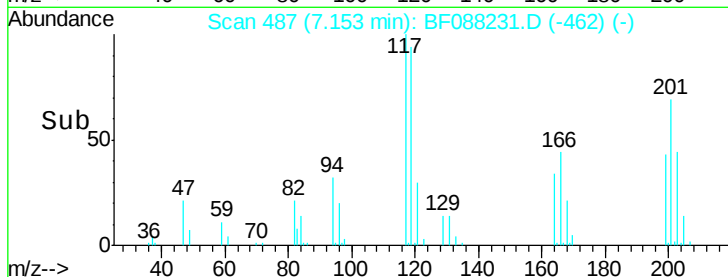
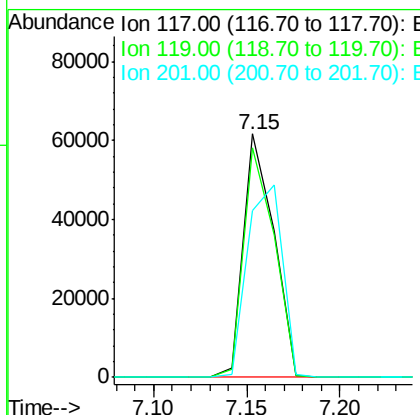
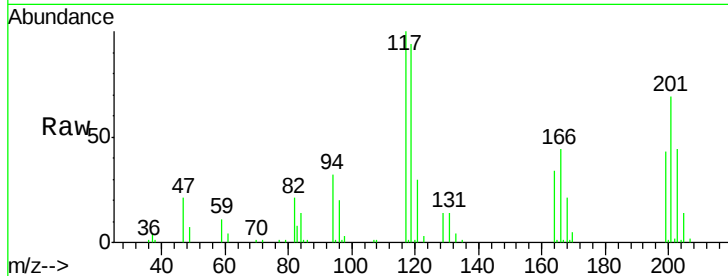
#18  
Hexachloroethane  
Concen: 30.60 ng  
RT: 7.15 min Scan# 487  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.2  | 77.4  | 116.2 |
| 201     | 68.7  | 80.4  | 120.6 |

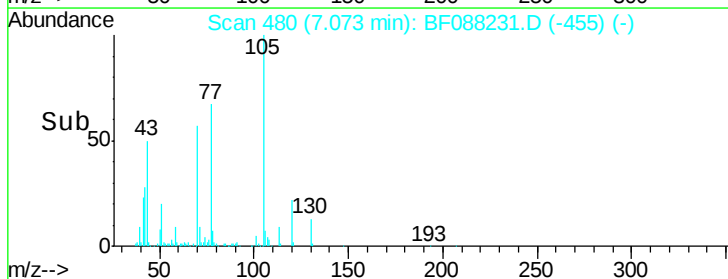
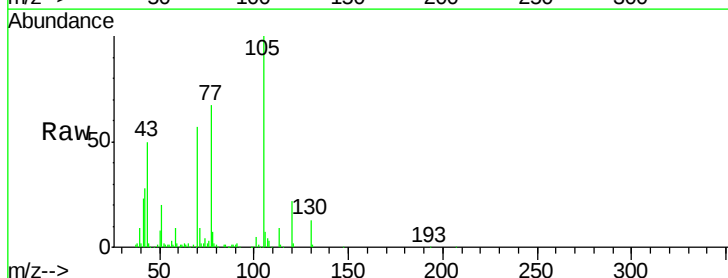
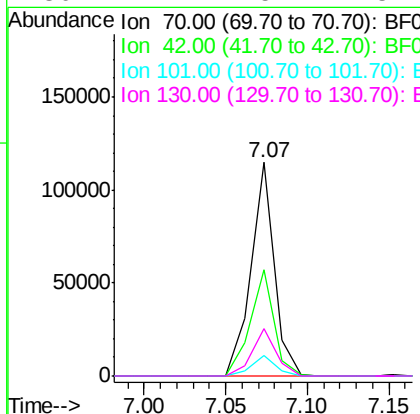
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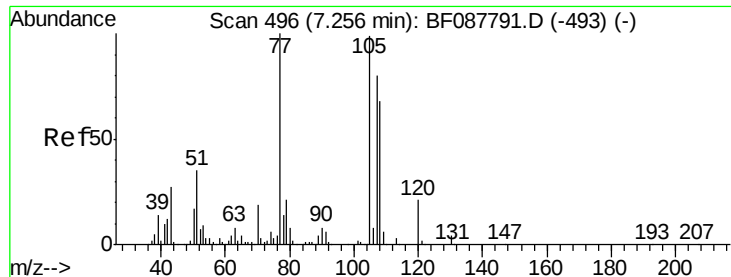
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#19  
n-Nitroso-di-n-propylamine  
Concen: 29.32 ng  
RT: 7.07 min Scan# 480  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 49.6  | 49.6  | 74.4  |
| 101     | 9.5   | 7.1   | 10.7  |
| 130     | 22.1  | 15.4  | 23.2  |





#20

3+4-Methylphenols

Concen: 34.61 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088231.D

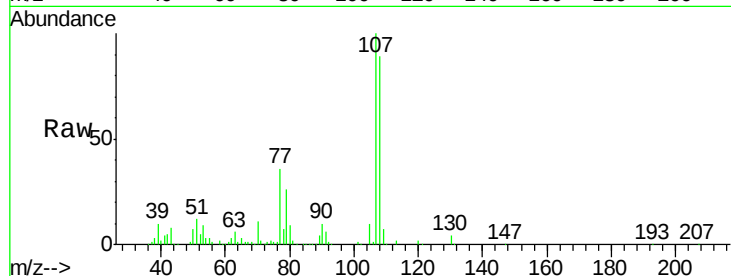
Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

ClientSampleId :

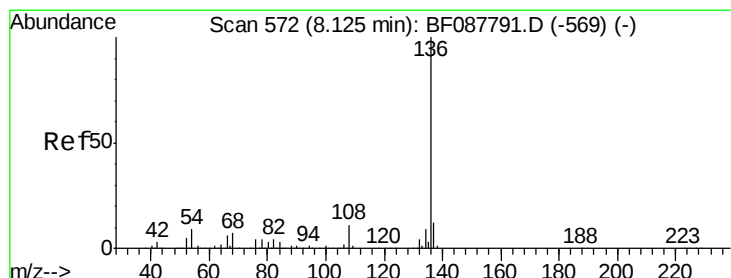
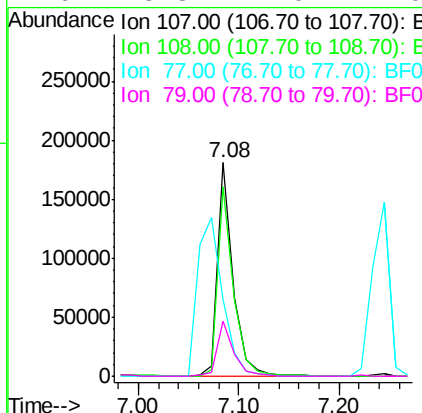
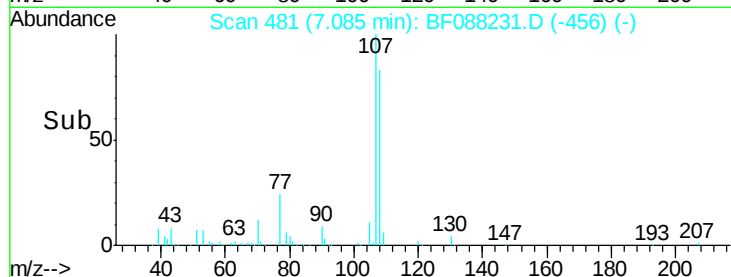
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| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 88.5  | 67.8 | 107.8 |       |
| 77      | 35.7  | 59.3 | 99.3  |       |
| 79      | 25.8  | 7.0  | 47.0  |       |

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#21

Naphthalene-d8

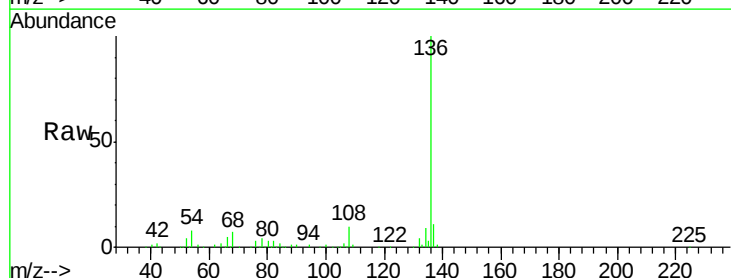
Concen: 20.00 ng

RT: 7.93 min Scan# 555

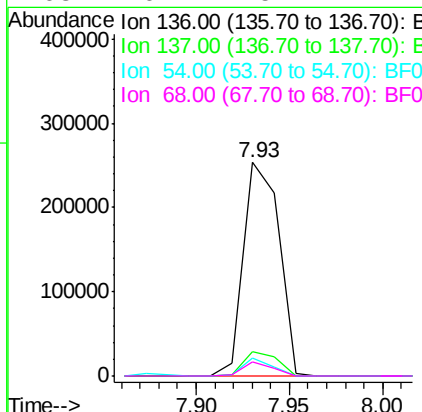
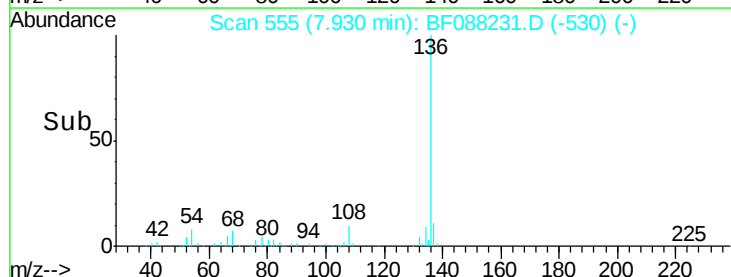
Delta R.T. -0.01 min

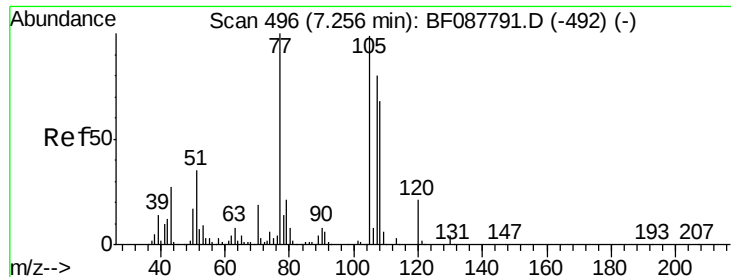
Lab File: BF088231.D

Acq: 22 Jun 2016 00:08



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.2  | 9.1  | 13.7  |       |
| 54      | 8.4   | 6.6  | 10.0  |       |
| 68      | 6.7   | 5.1  | 7.7   |       |





#22

Acetophenone

Concen: 33.62 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

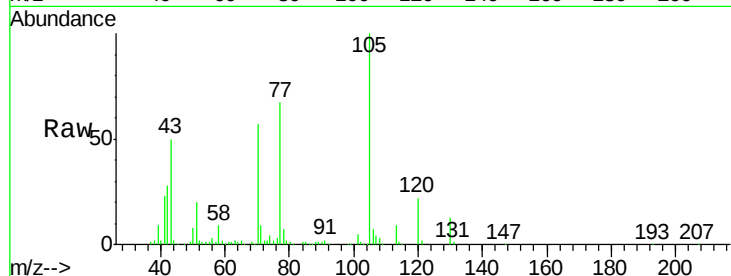
BNA\_F

ClientSampleId :

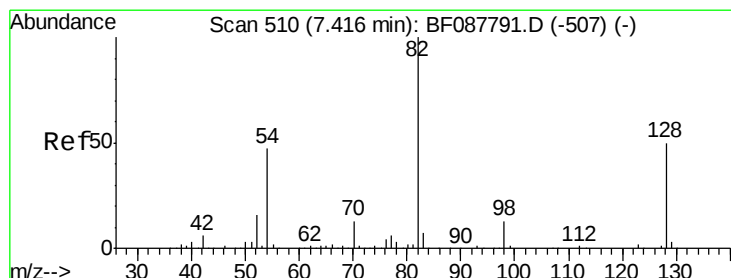
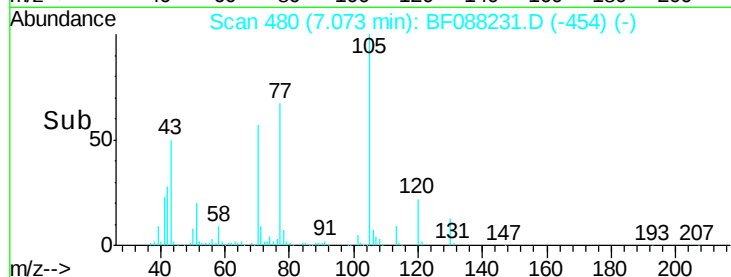
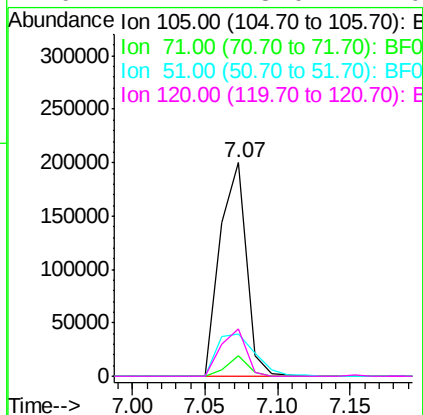
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| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 105     | 105 | 100   | 251449 |       |       |
| 71      | 71  | 9.5   | 5.3    | 7.9   | #     |
| 51      | 51  | 19.7  | 18.2   | 27.4  |       |
| 120     | 120 | 22.4  | 18.0   | 27.0  |       |



#23

Nitrobenzene-d5

Concen: 60.62 ng

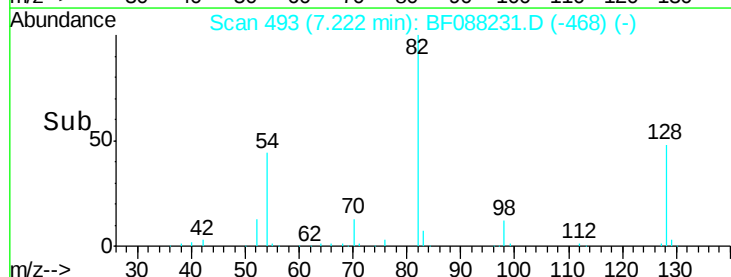
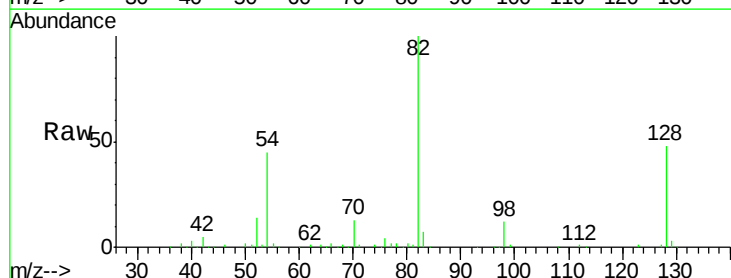
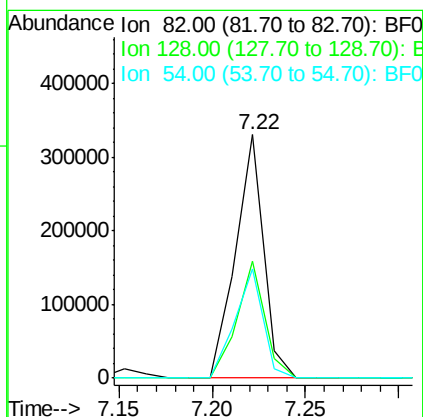
RT: 7.22 min Scan# 493

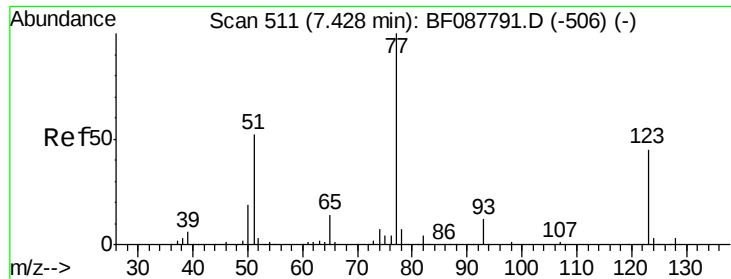
Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 82      | 82  | 100   | 347457 |       |       |
| 128     | 128 | 47.8  | 35.9   | 53.9  |       |
| 54      | 54  | 44.7  | 40.9   | 61.3  |       |





#24

Nitrobenzene

Concen: 31.77 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

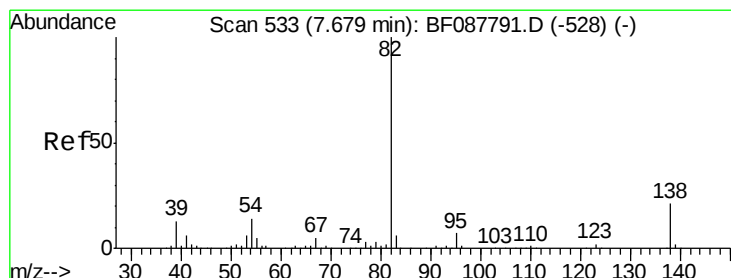
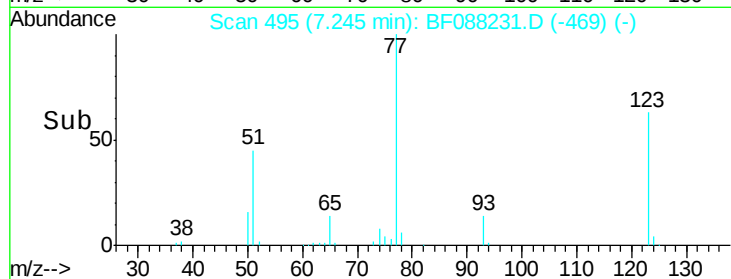
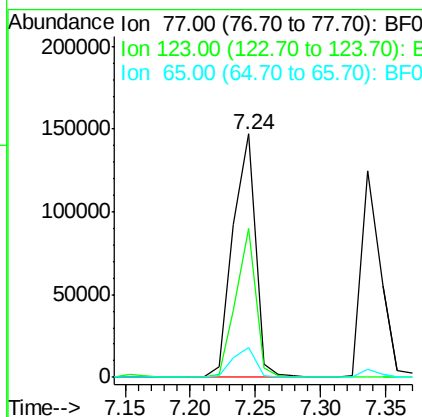
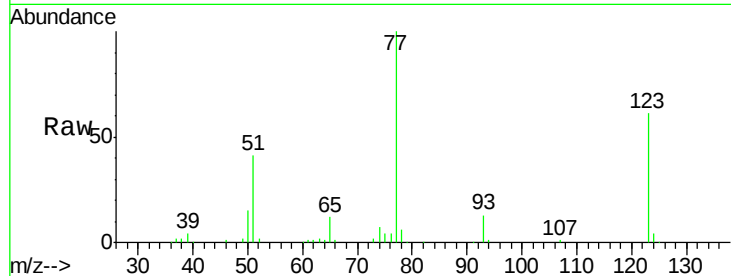
ClientSampleId :

PB91509BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 176380 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 61.3  | 45.0  | 67.4   |
| 65        | 12.5  | 10.2  | 15.2   |

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#25

Isophorone

Concen: 31.10 ng

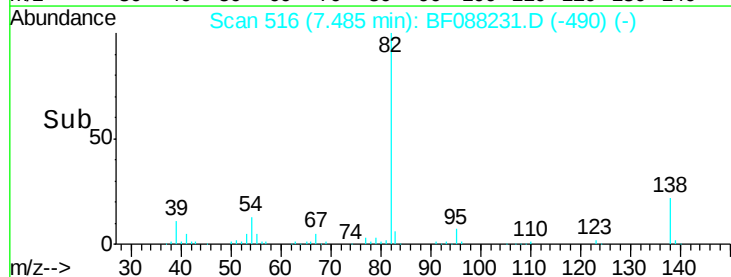
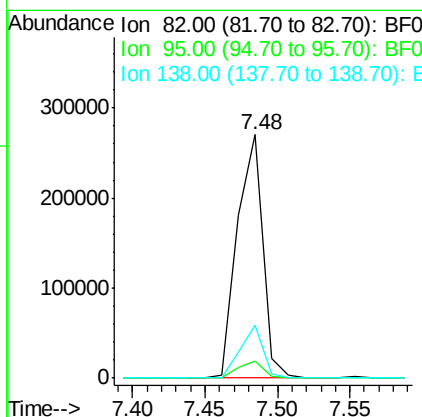
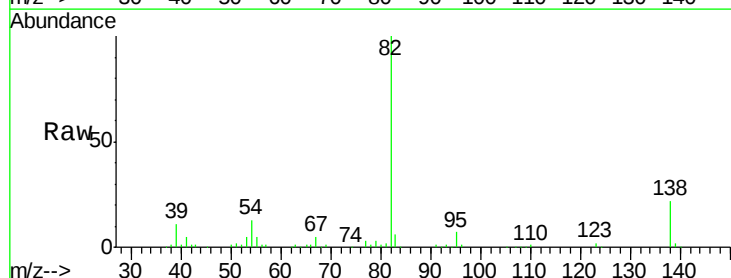
RT: 7.48 min Scan# 516

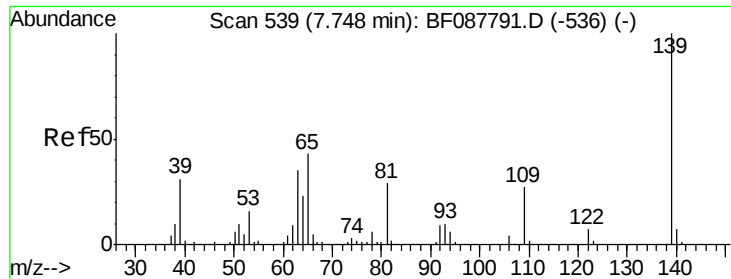
Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 330166 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.0   | 5.4   | 8.2    |
| 138       | 21.7  | 14.6  | 21.8   |





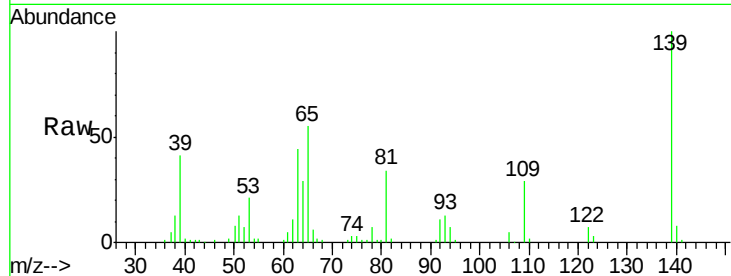
#26  
2-Nitrophenol  
Concen: 33.05 ng  
RT: 7.55 min Scan# 522  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

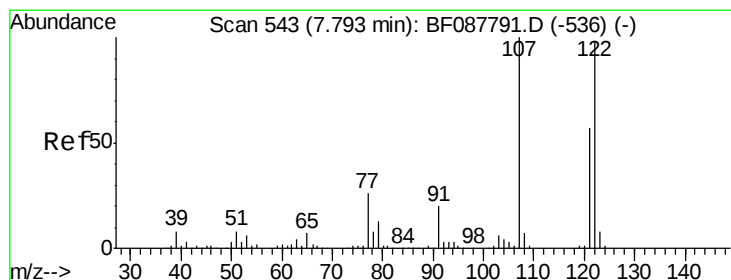
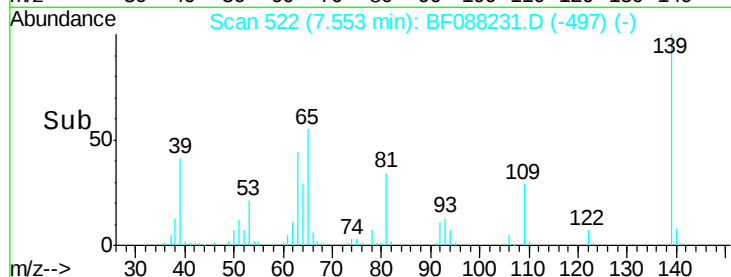
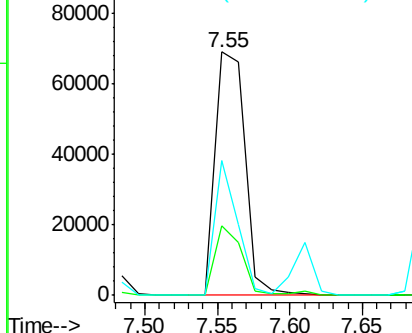
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 98295 |       |       |
| 109     | 28.5  | 23.0  | 34.4  |       |
| 65      | 55.2  | 45.8  | 68.8  |       |

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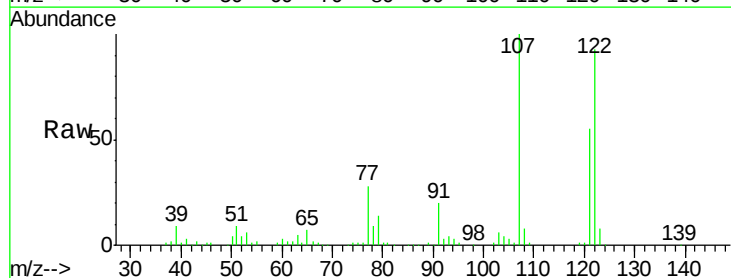


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): E

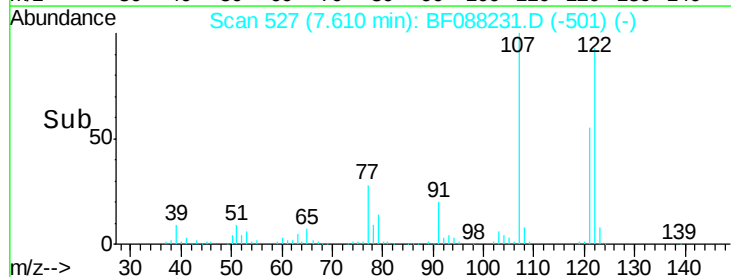
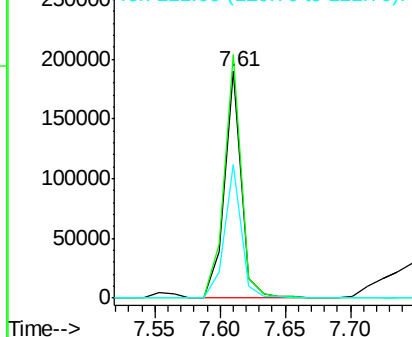


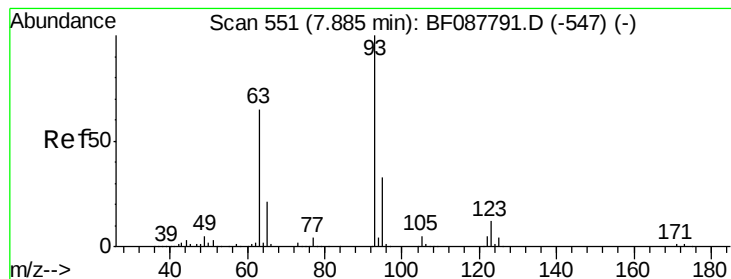
#27  
2,4-Dimethylphenol  
Concen: 31.53 ng  
RT: 7.61 min Scan# 527  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 172673 |       |       |
| 107     | 107.5 | 82.4   | 123.6 |       |
| 121     | 59.0  | 46.3   | 69.5  |       |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 32.60 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

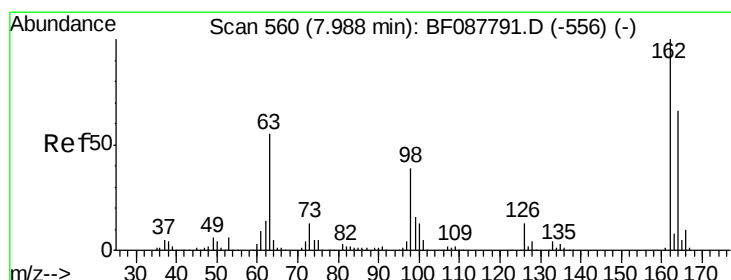
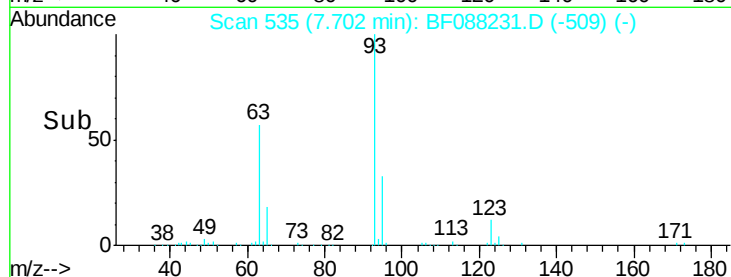
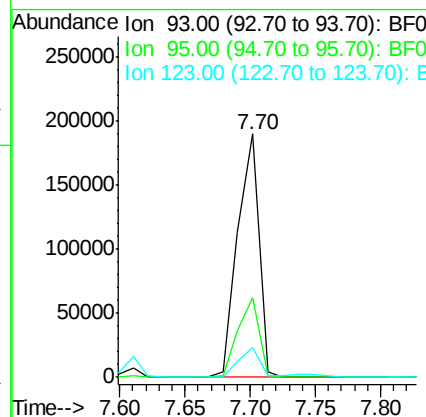
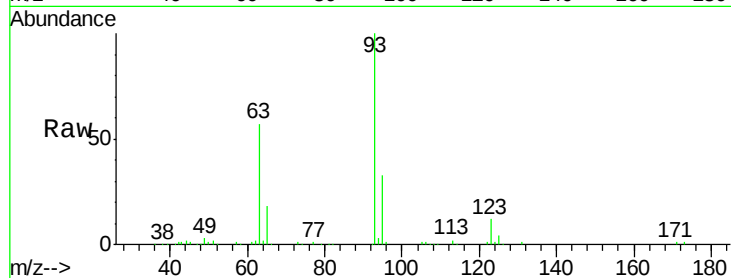
ClientSampleId :

PB91509BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 93   | Resp: | 214659 |
| Ion Ratio |      | Lower | Upper  |
| 93        | 100  |       |        |
| 95        | 32.5 | 26.5  | 39.7   |
| 123       | 12.2 | 11.6  | 17.4   |

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#29

2,4-Dichlorophenol

Concen: 34.48 ng

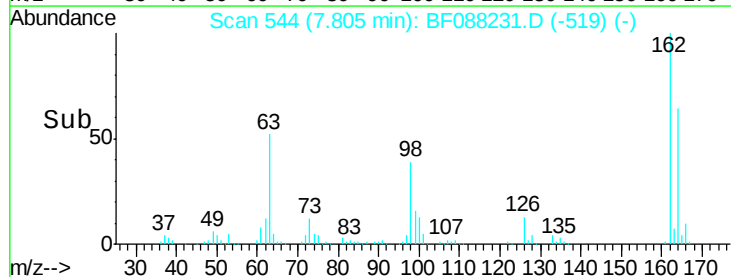
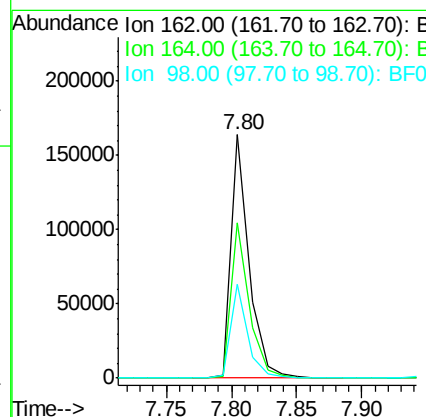
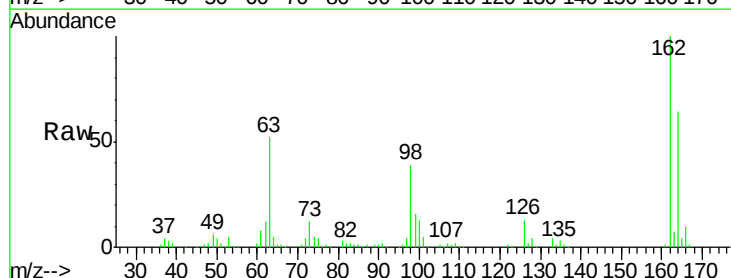
RT: 7.80 min Scan# 544

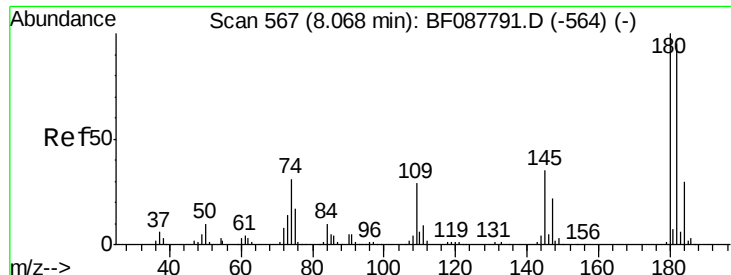
Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 162  | Resp: | 157639 |
| Ion Ratio |      | Lower | Upper  |
| 162       | 100  |       |        |
| 164       | 63.6 | 43.8  | 83.8   |
| 98        | 38.5 | 21.3  | 61.3   |





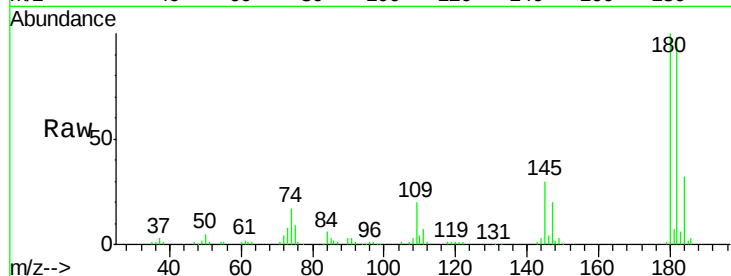
#30  
1,2,4-Trichlorobenzene  
Concen: 31.77 ng  
RT: 7.88 min Scan# 551  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

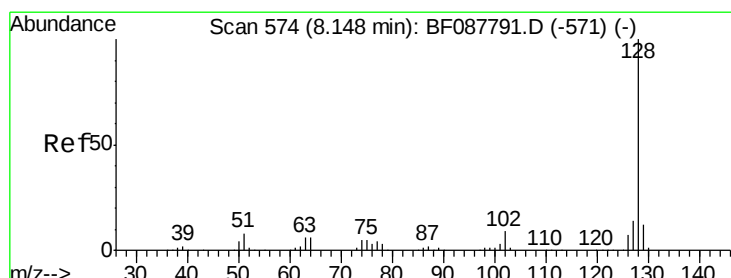
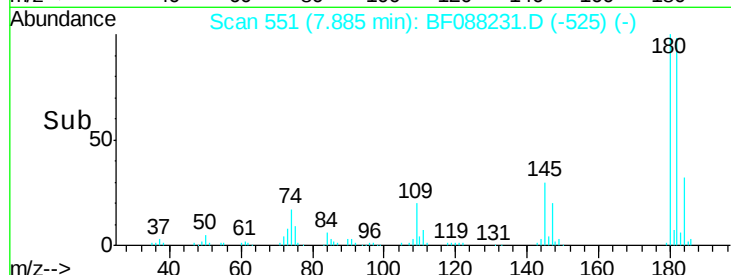
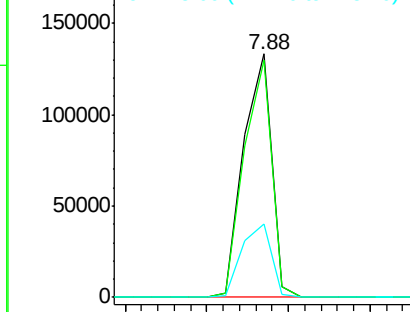
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 158180 |       |       |
| 182     | 97.6  | 76.0   | 114.0 |       |
| 145     | 30.1  | 26.5   | 39.7  |       |

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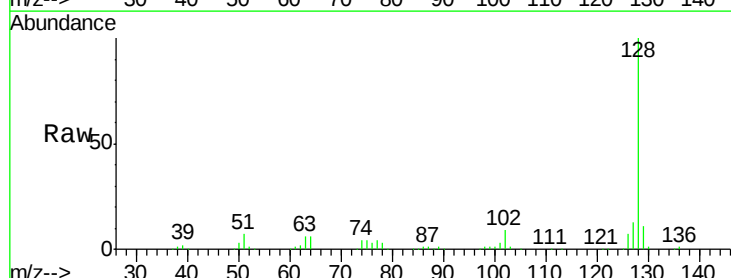


Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

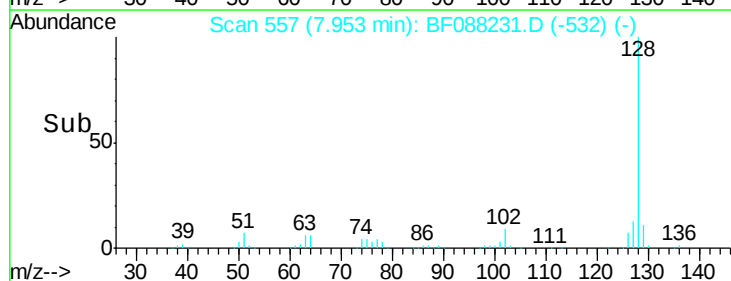
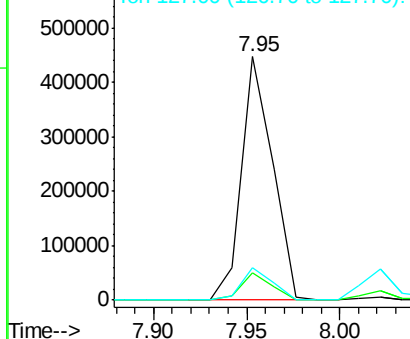


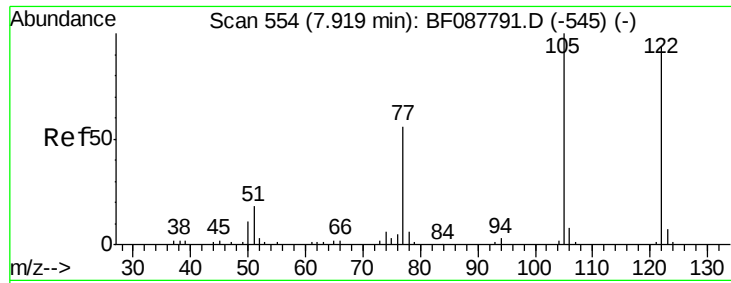
#31  
Naphthalene  
Concen: 31.29 ng  
RT: 7.95 min Scan# 557  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 518202 |       |       |
| 129     | 11.4  | 9.4    | 14.2  |       |
| 127     | 13.1  | 10.9   | 16.3  |       |



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





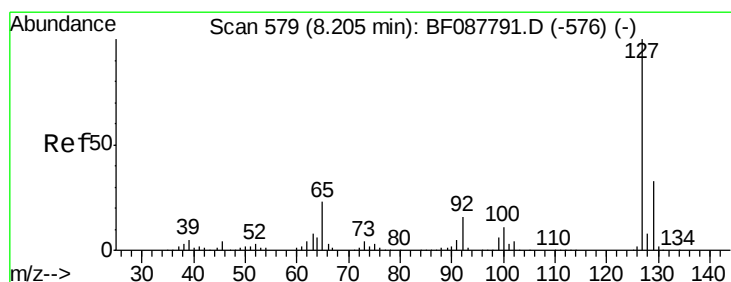
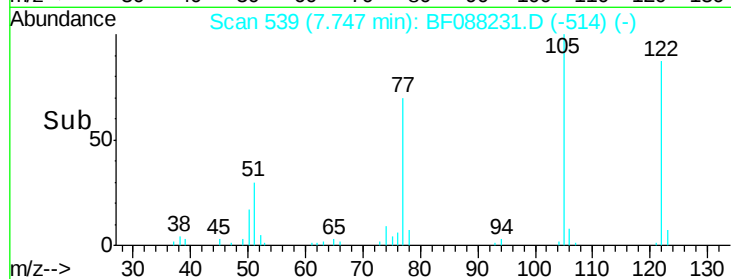
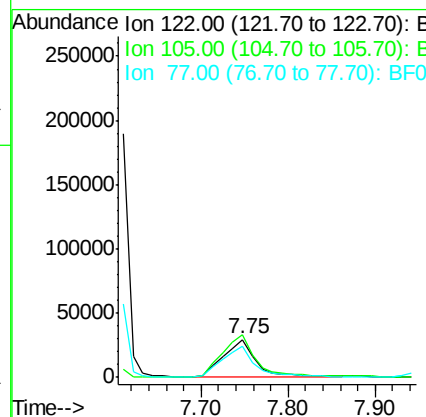
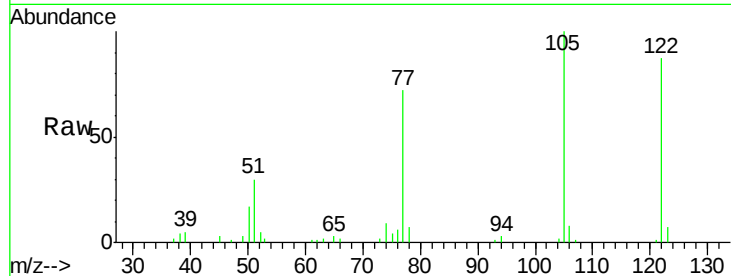
#32  
Benzoic acid  
Concen: 25.27 ng  
RT: 7.75 min Scan# 539  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 114.7 | 101.6 | 141.6 |
| 77      | 82.0  | 70.6  | 110.6 |

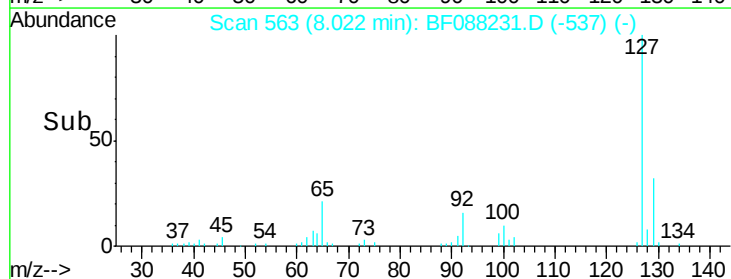
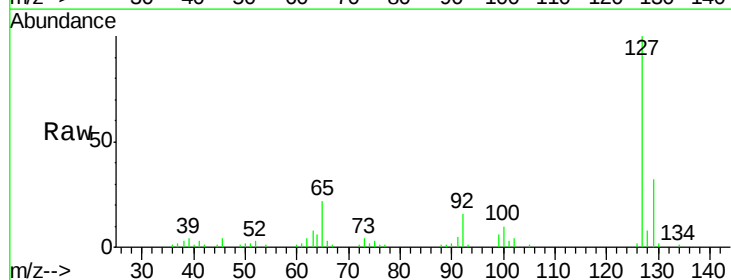
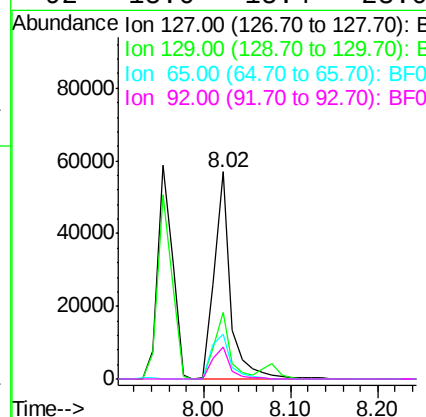
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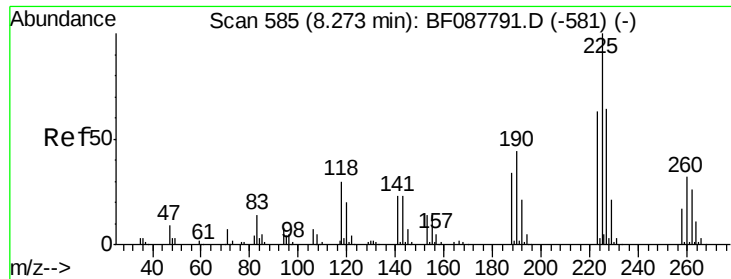
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#33  
4-Chloroaniline  
Concen: 10.18 ng  
RT: 8.02 min Scan# 563  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.8  | 26.3  | 39.5  |
| 65      | 21.6  | 24.7  | 37.1# |
| 92      | 15.6  | 15.4  | 23.0  |





#34

Hexachlorobutadiene

Concen: 32.25 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

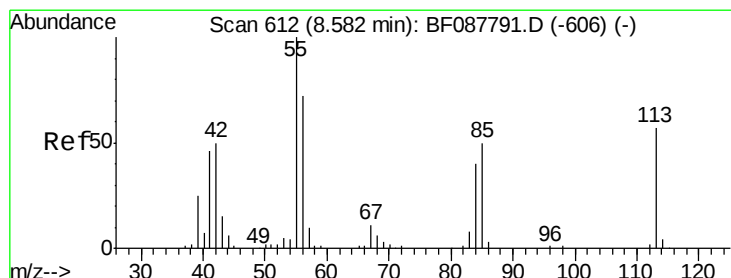
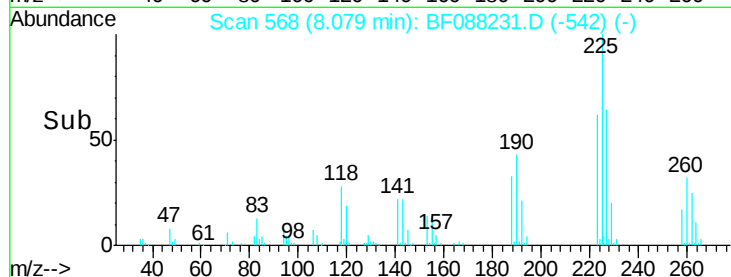
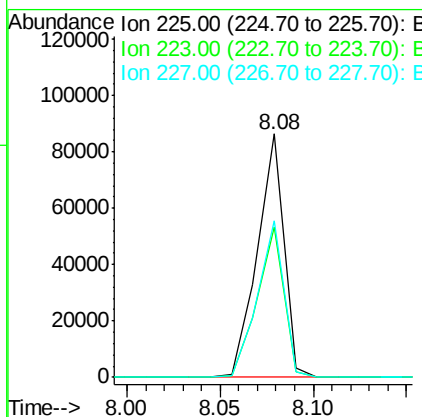
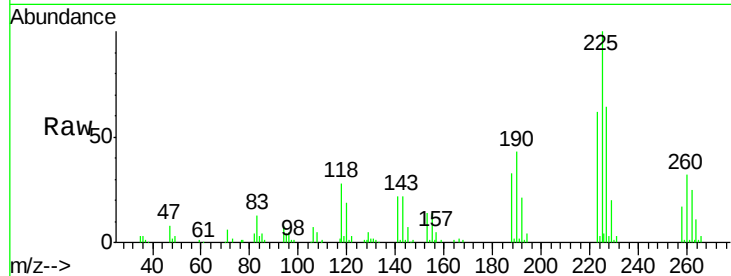
ClientSampleId :

PB91509BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 225   | Resp: | 84668 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.9  | 50.9  | 76.3  |
| 227       | 64.1  | 51.9  | 77.9  |

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#35

Caprolactam

Concen: 32.15 ng m

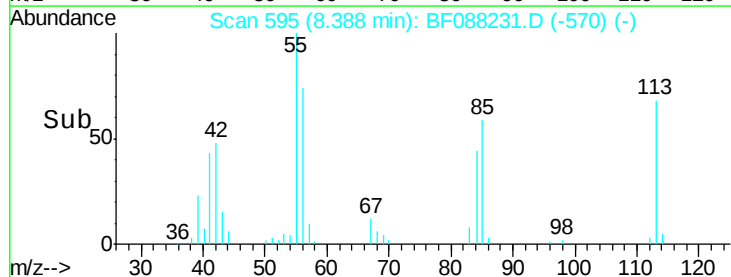
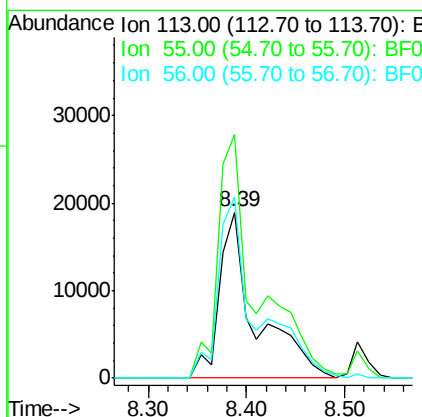
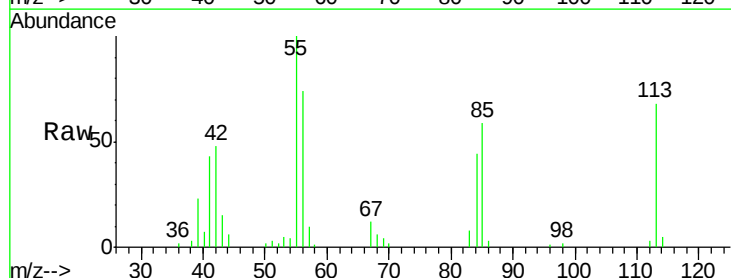
RT: 8.39 min Scan# 595

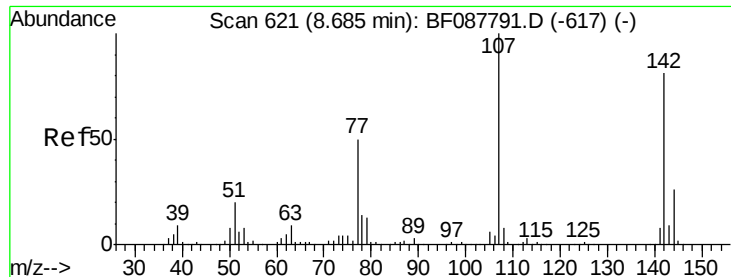
Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 48692  |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 147.0 | 158.6 | 198.6# |
| 56        | 108.9 | 110.6 | 150.6# |





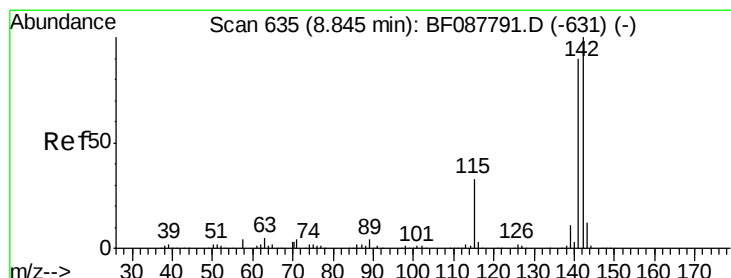
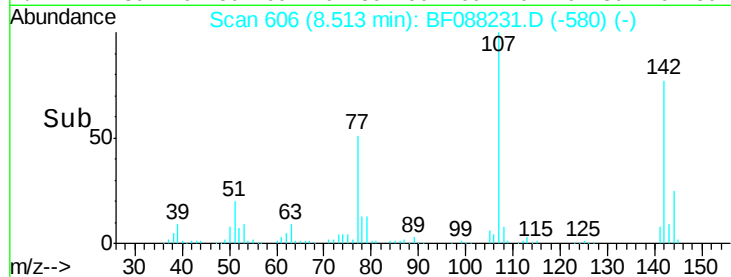
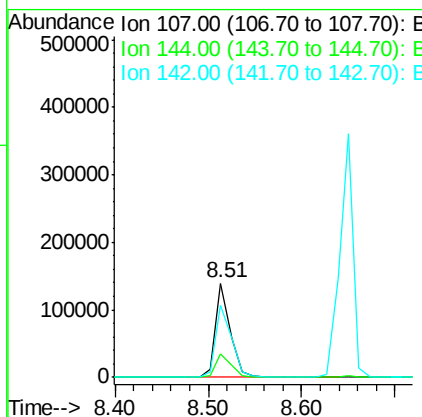
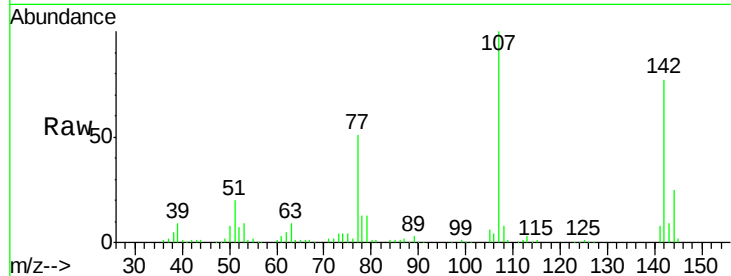
#36  
4-Chloro-3-methylphenol  
Concen: 31.38 ng  
RT: 8.51 min Scan# 606  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampled :  
PB91509BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.8  | 20.8  | 31.2  |
| 142     | 76.8  | 63.4  | 95.2  |

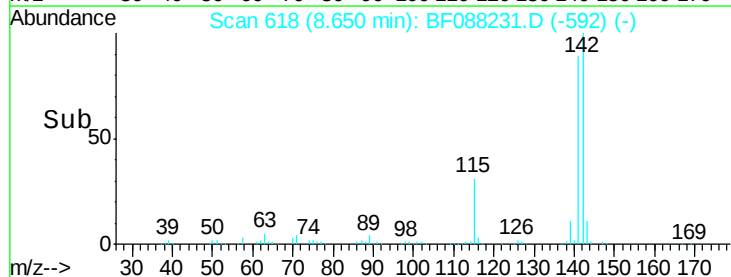
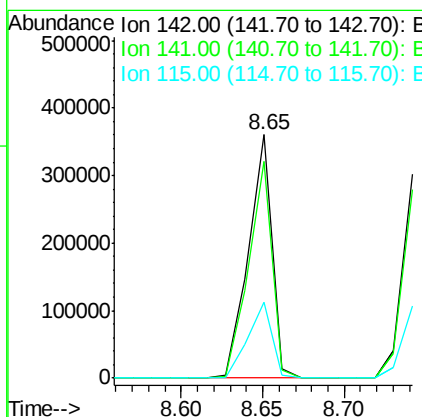
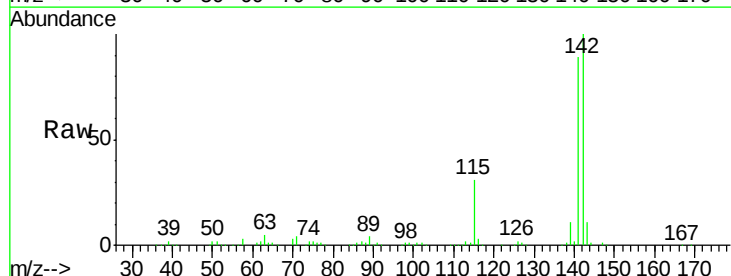
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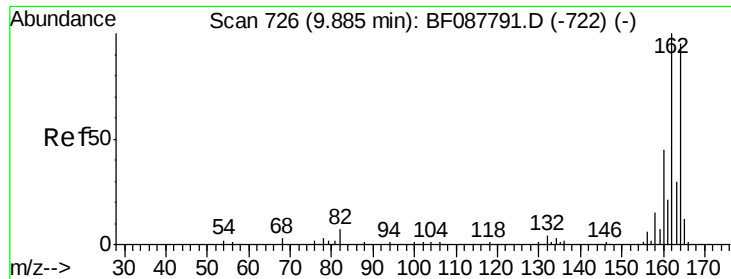
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#37  
2-Methylnaphthalene  
Concen: 33.10 ng  
RT: 8.65 min Scan# 618  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 71.0  | 106.6 |
| 115     | 31.2  | 22.6  | 33.8  |





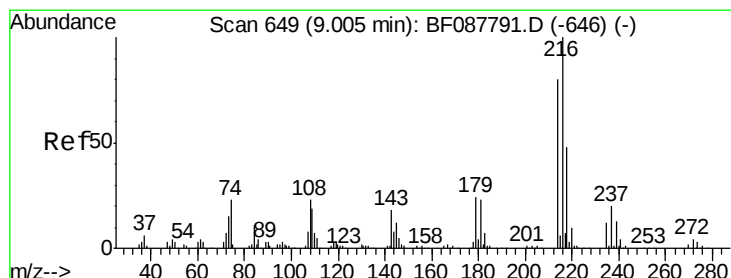
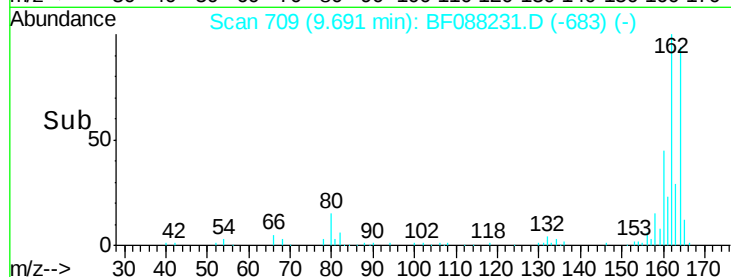
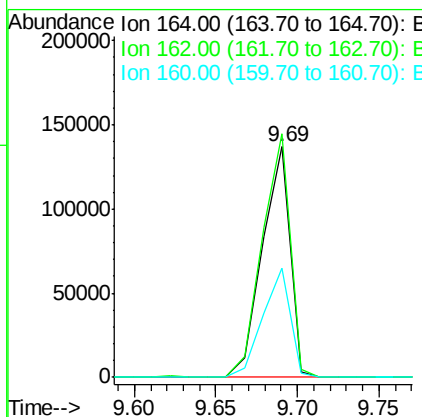
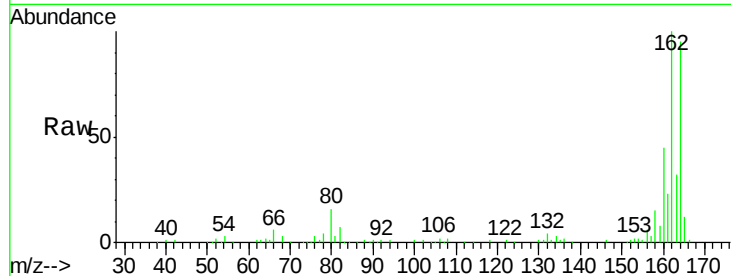
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.69 min Scan# 709  
 Delta R.T. 0.00 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91509BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 161791 |       |       |
| 162     | 105.7 | 85.4   | 128.2 |       |
| 160     | 47.6  | 39.5   | 59.3  |       |

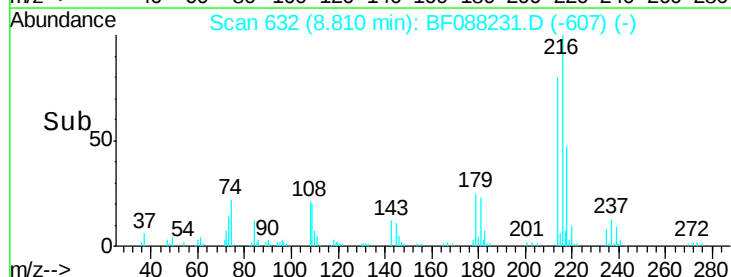
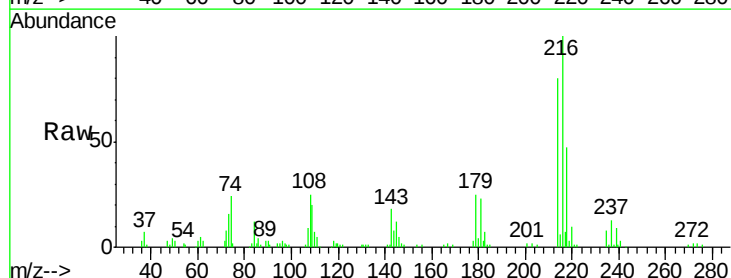
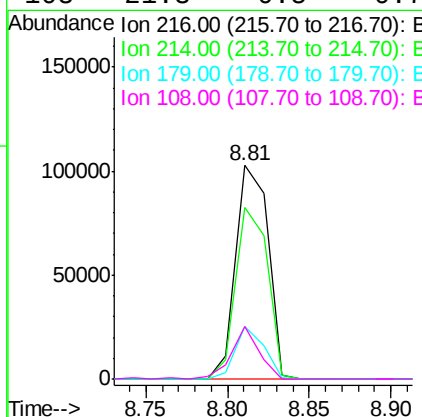
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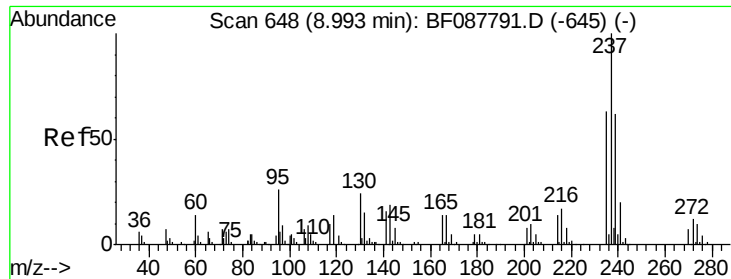
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#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 29.93 ng  
 RT: 8.81 min Scan# 632  
 Delta R.T. -0.01 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 140756 |       |       |
| 214     | 78.8  | 2.9    | 4.3#  |       |
| 179     | 21.8  | 0.0    | 0.0#  |       |
| 108     | 21.3  | 0.5    | 0.7#  |       |





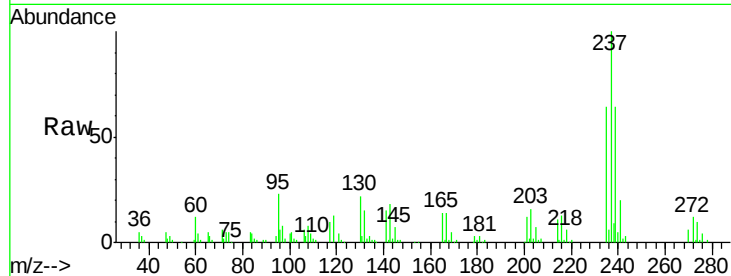
#40  
Hexachlorocyclopentadiene  
Concen: 28.14 ng  
RT: 8.80 min Scan# 631  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

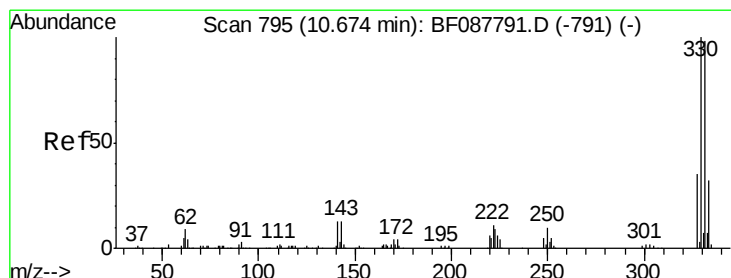
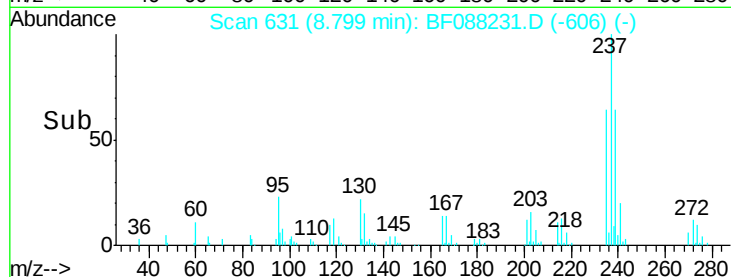
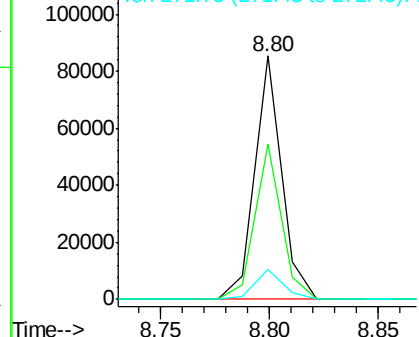
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 73443 |       |       |
| 235     | 63.8  | 43.4  | 83.4  |       |
| 272     | 12.1  | 0.0   | 32.3  |       |

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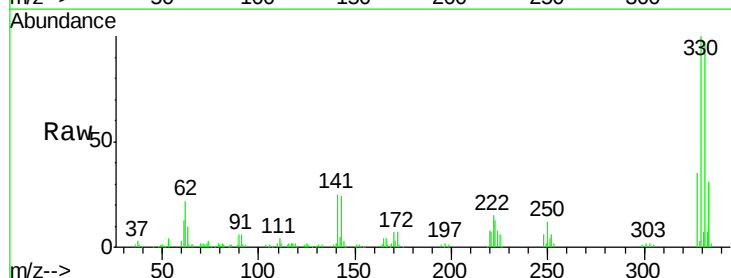


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

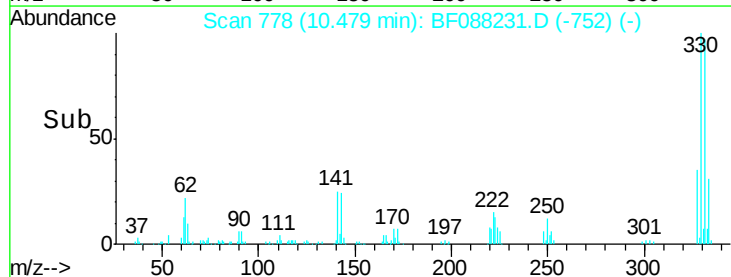
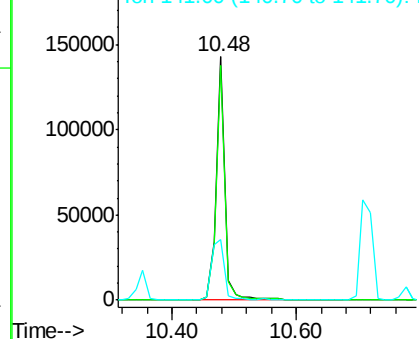


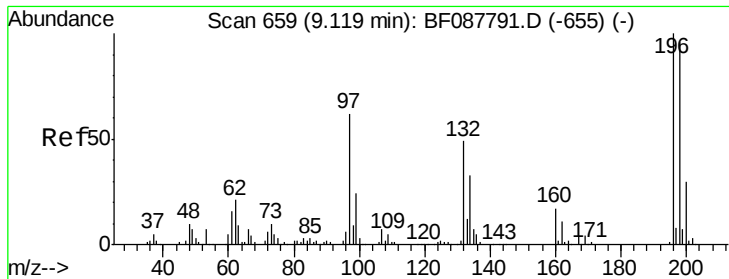
#41  
2,4,6-Tribromophenol  
Concen: 81.40 ng  
RT: 10.48 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 139053 |       |       |
| 332     | 96.5  | 0.0    | 0.0#  |       |
| 141     | 36.6  | 0.0    | 0.0#  |       |



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





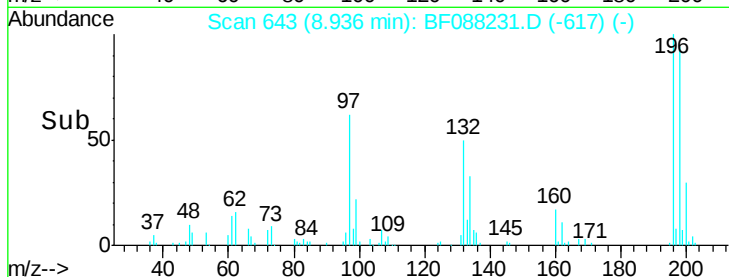
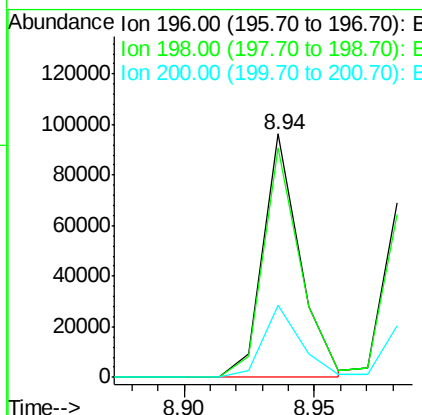
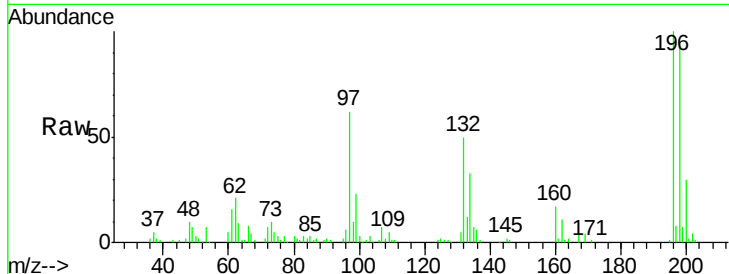
#42  
2,4,6-Trichlorophenol  
Concen: 28.87 ng  
RT: 8.94 min Scan# 643  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 93410 |       |       |
| 198     | 94.5  | 78.0  | 117.0 |       |
| 200     | 29.6  | 25.4  | 38.2  |       |

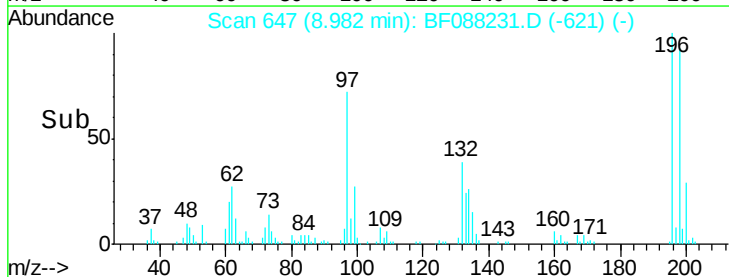
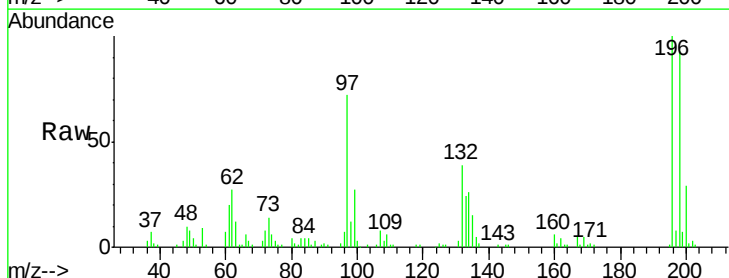
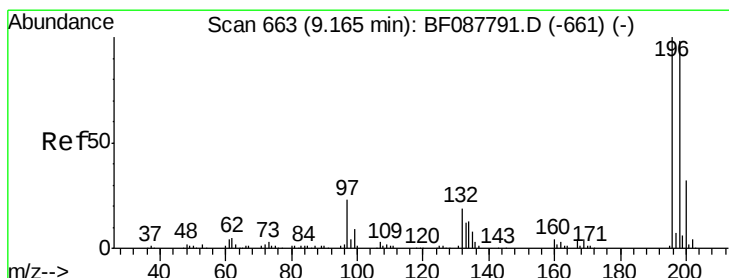
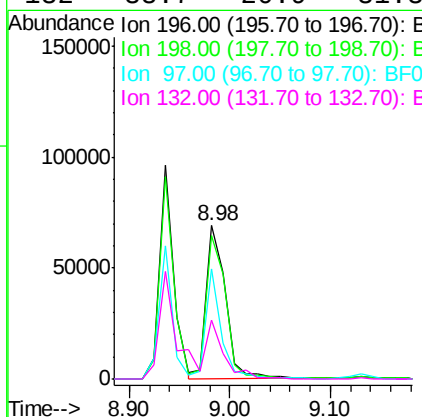
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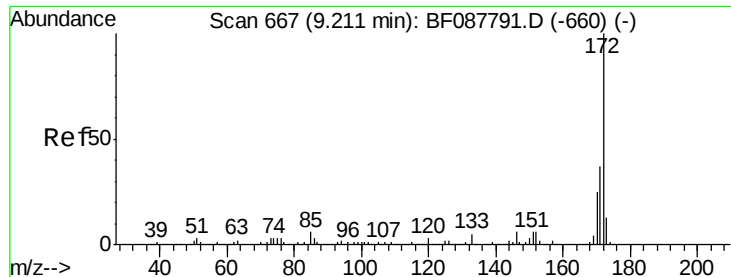
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#43  
2,4,5-Trichlorophenol  
Concen: 27.21 ng  
RT: 8.98 min Scan# 647  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 91595 |       |       |
| 198     | 93.4  | 77.5  | 116.3 |       |
| 97      | 71.7  | 32.0  | 48.0# |       |
| 132     | 38.7  | 20.9  | 31.3# |       |





#44

2-Fluorobiphenyl

Concen: 66.14 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

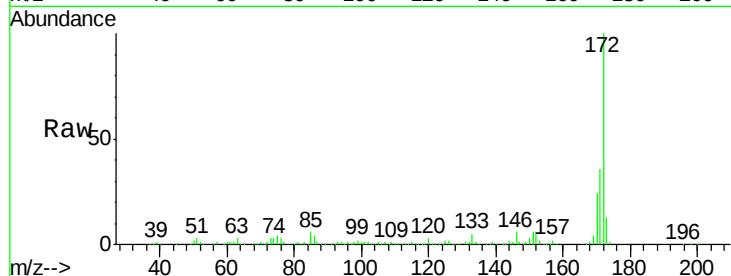
ClientSampleId :

PB91509BS

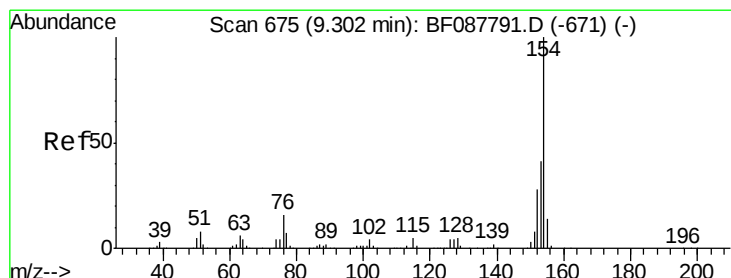
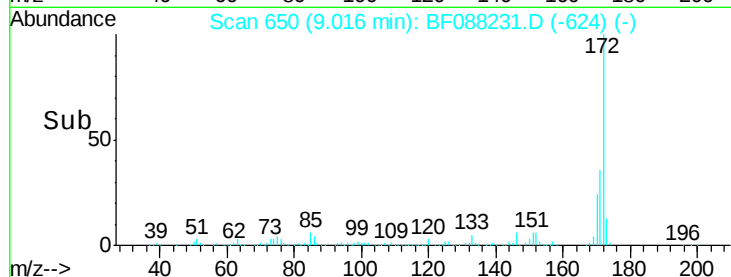
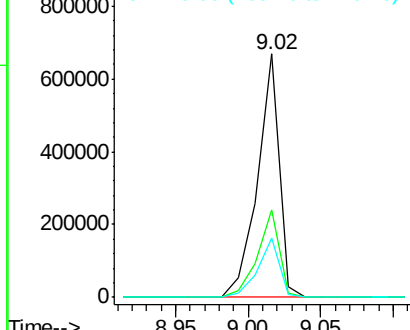
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 172   | Resp: | 693810 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 36.0  | 28.6  | 43.0   |
| 170       | 24.2  | 19.2  | 28.8   |

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Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 32.49 ng

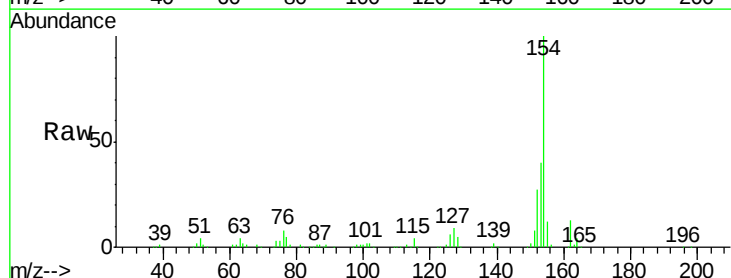
RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

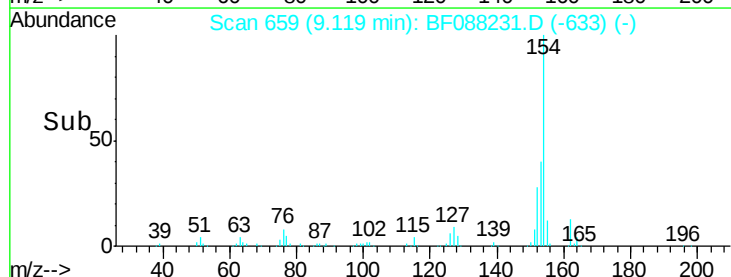
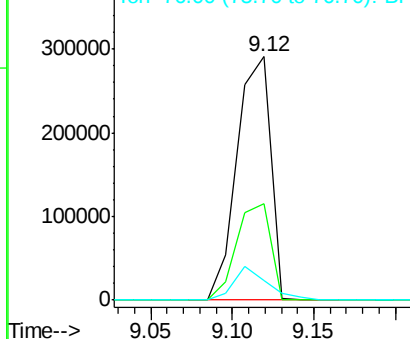
Lab File: BF088231.D

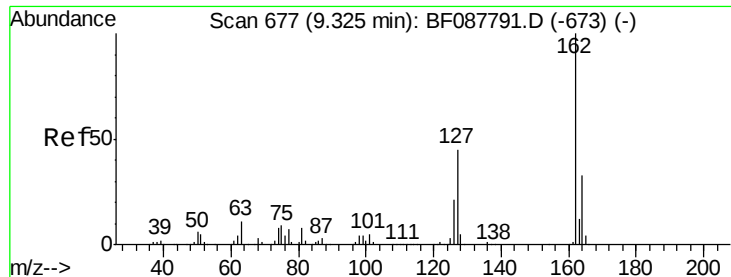
Acq: 22 Jun 2016 00:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 415553 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.7  | 20.6  | 60.6   |
| 76        | 8.3   | 0.0   | 35.1   |



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





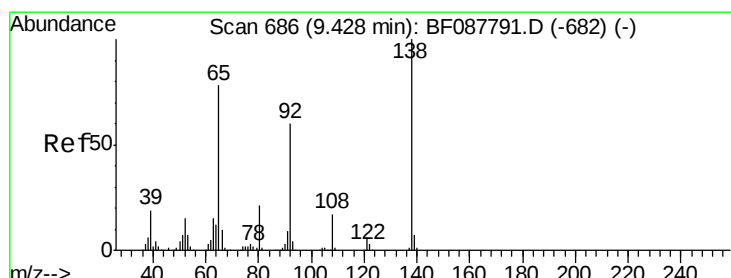
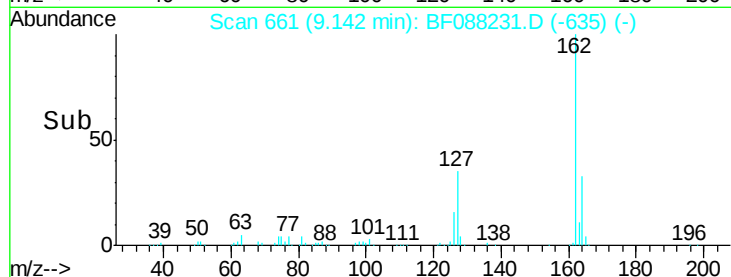
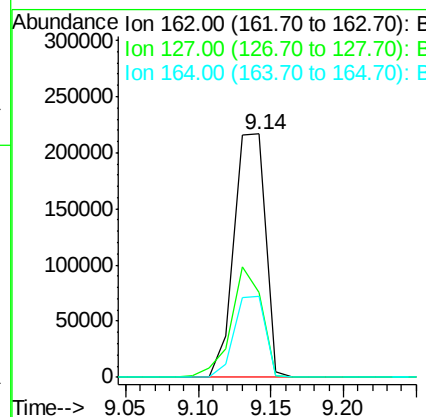
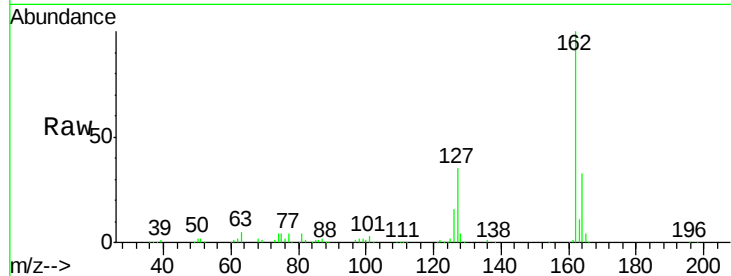
#46  
2-Chloronaphthalene  
Concen: 31.21 ng  
RT: 9.14 min Scan# 661  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 34.8  | 35.2       | 52.8# |
| 164     | 33.2  | 26.6       | 39.8  |

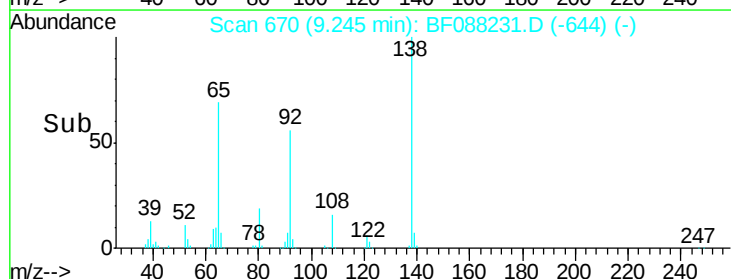
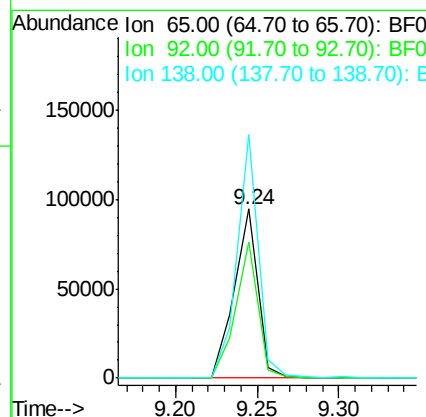
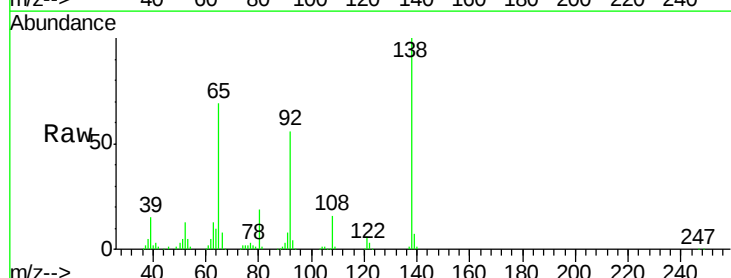
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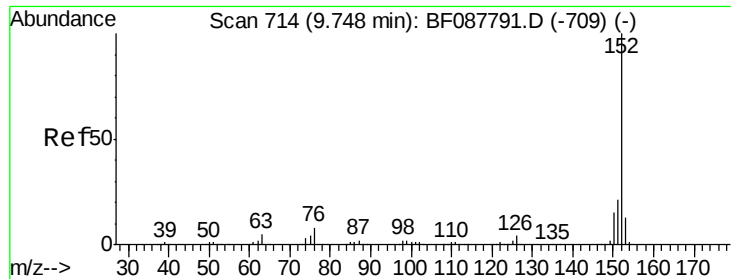
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#47  
2-Nitroaniline  
Concen: 30.51 ng  
RT: 9.24 min Scan# 670  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp Lower | Upper  |
|---------|-------|------------|--------|
| 65      | 100   |            |        |
| 92      | 80.2  | 54.6       | 82.0   |
| 138     | 144.0 | 77.0       | 115.4# |





#48

Acenaphthylene

Concen: 30.47 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

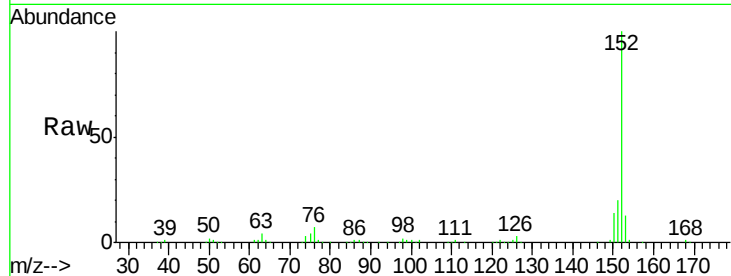
ClientSampleId :

PB91509BS

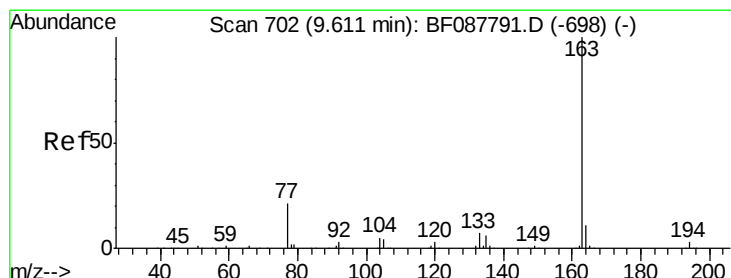
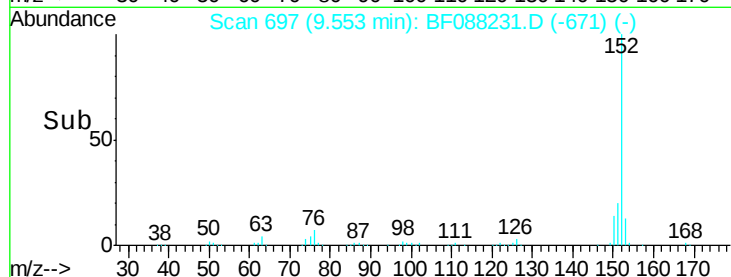
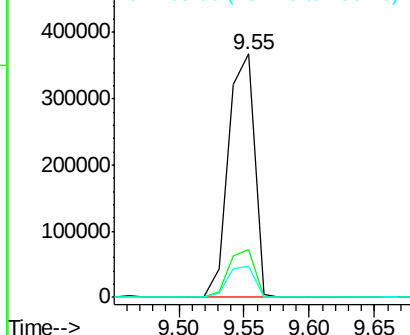
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 507364 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.7  | 16.2  | 24.4   |
| 153       | 12.6  | 11.0  | 16.6   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 32.97 ng

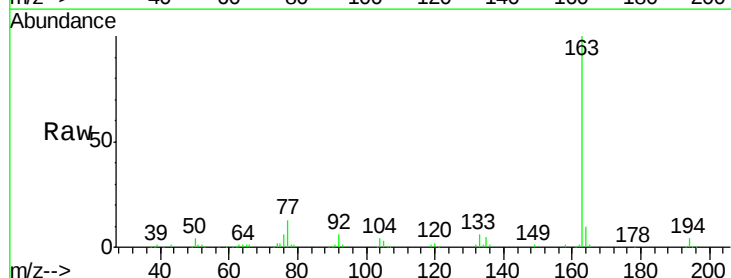
RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

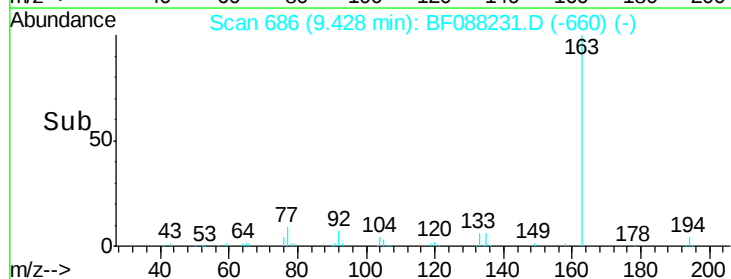
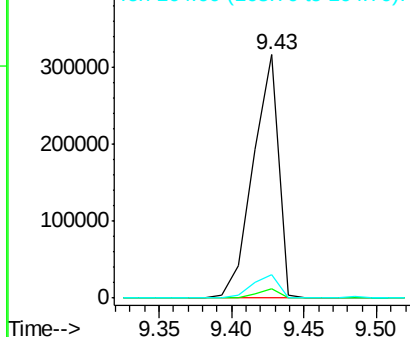
Lab File: BF088231.D

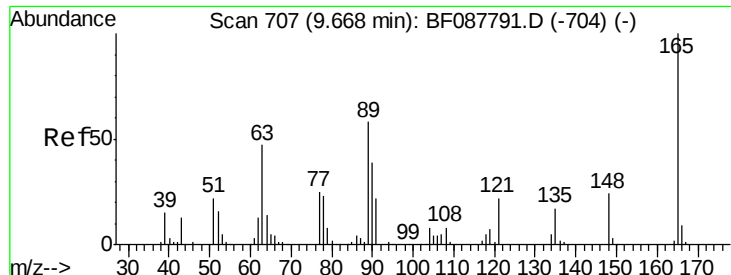
Acq: 22 Jun 2016 00:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 386452 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.7   | 2.8   | 4.2    |
| 164       | 9.7   | 8.3   | 12.5   |



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





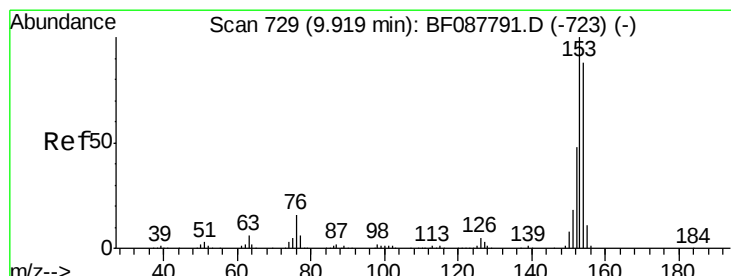
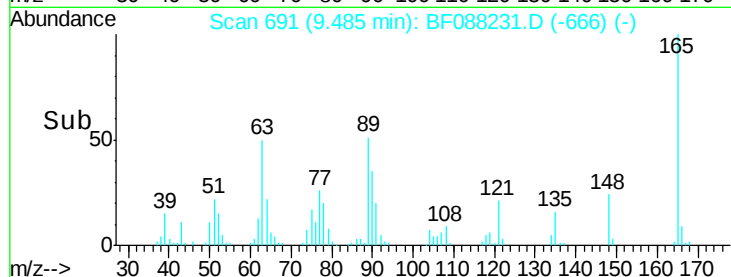
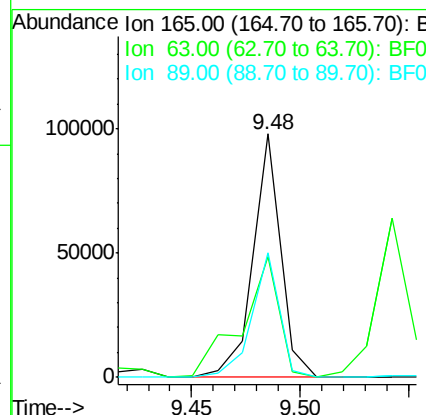
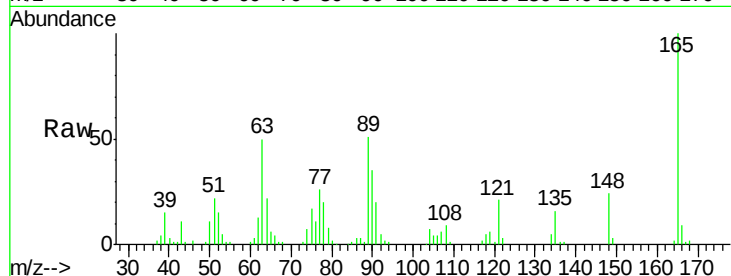
#50  
 2,6-Dinitrotoluene  
 Concen: 32.38 ng  
 RT: 9.48 min Scan# 691  
 Delta R.T. -0.01 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91509BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 49.6  | 28.1       | 42.1# |
| 89      | 51.2  | 32.2       | 48.2# |

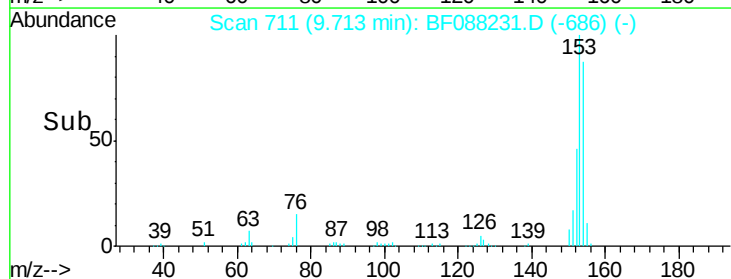
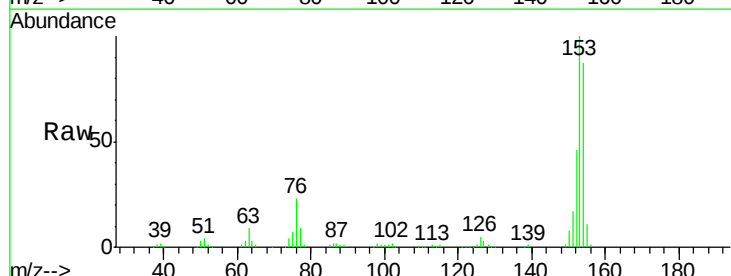
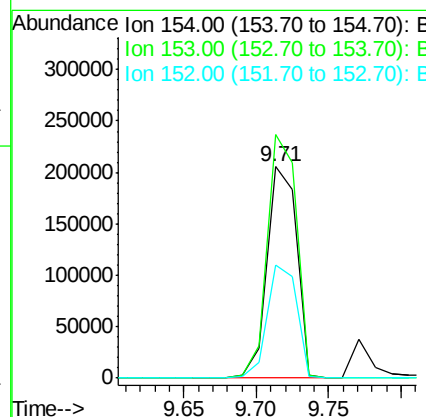
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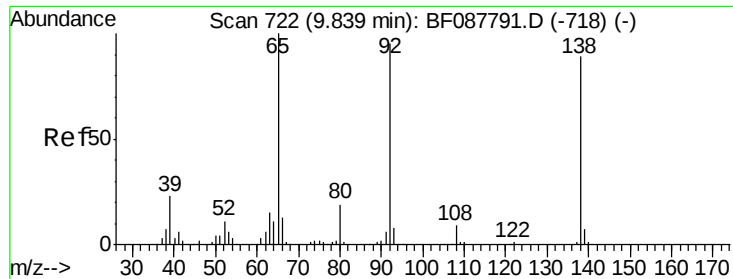
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#51  
 Acenaphthene  
 Concen: 27.94 ng  
 RT: 9.71 min Scan# 711  
 Delta R.T. -0.01 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 115.3 | 89.5       | 134.3 |
| 152     | 53.5  | 42.7       | 64.1  |





#52

3-Nitroaniline

Concen: 14.53 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

ClientSampleId :

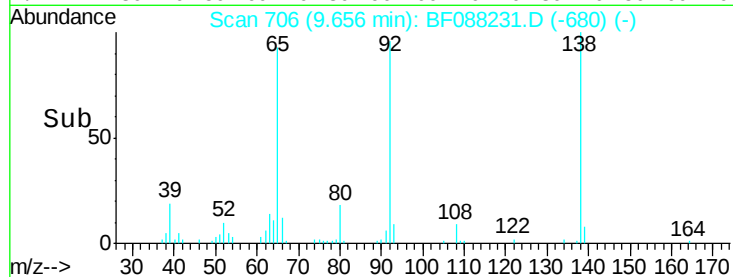
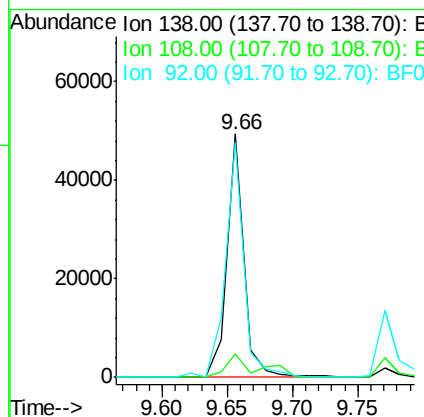
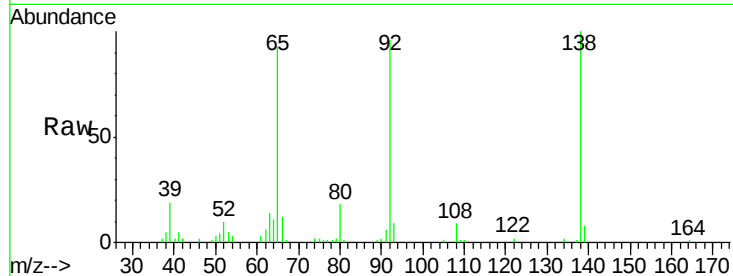
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.4   | 8.5   | 12.7  |
| 92      | 96.5  | 95.7  | 143.5 |



#53

2,4-Dinitrophenol

Concen: 50.27 ng

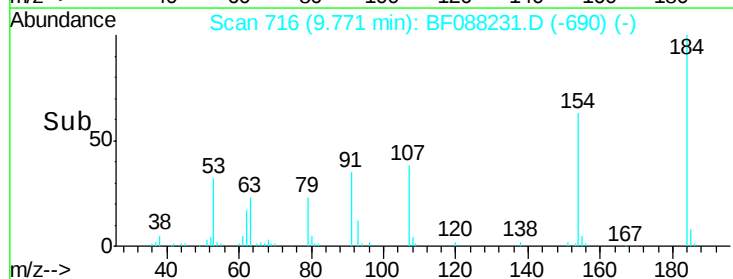
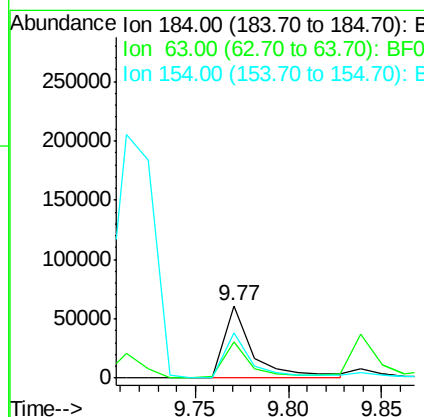
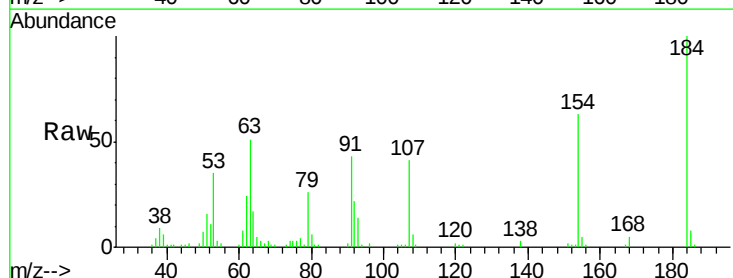
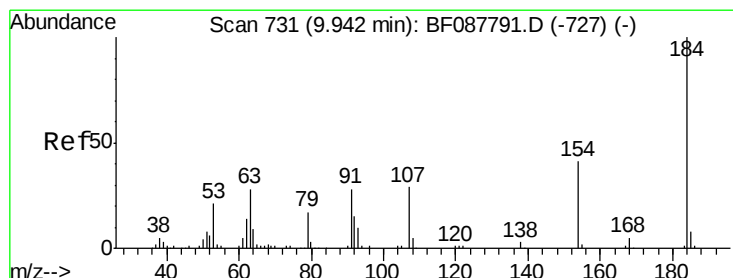
RT: 9.77 min Scan# 716

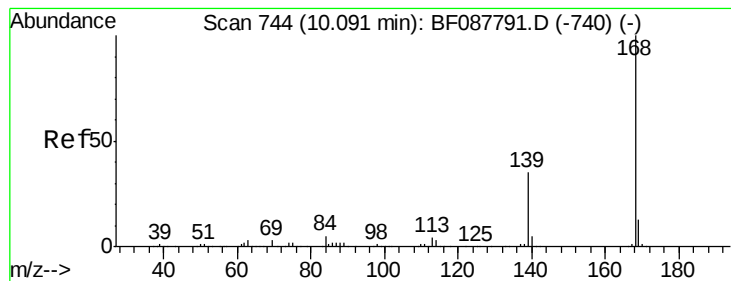
Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 50.8  | 57.6  | 86.4# |
| 154     | 62.9  | 53.5  | 80.3  |





#54

Dibenzofuran

Concen: 30.86 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

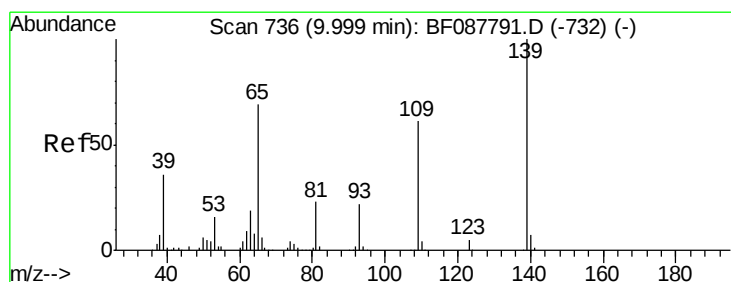
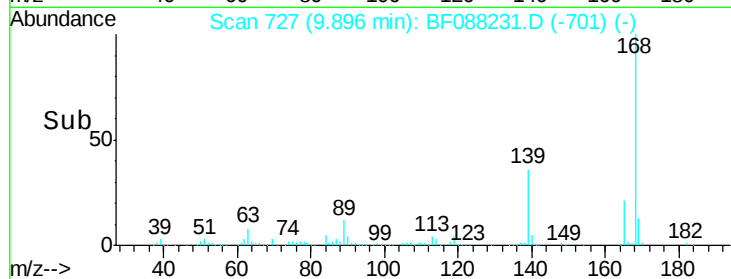
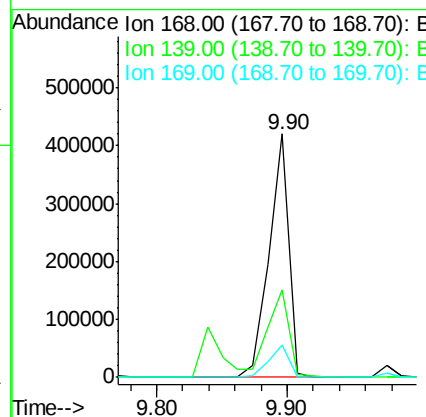
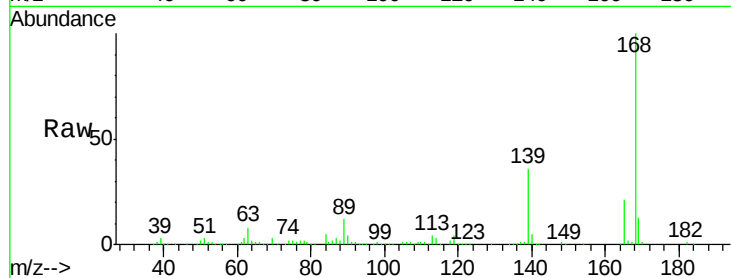
ClientSampleId :

PB91509BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 441502 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 35.7  | 26.4  | 39.6   |
| 169       | 13.2  | 10.4  | 15.6   |

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#55

4-Nitrophenol

Concen: 37.82 ng

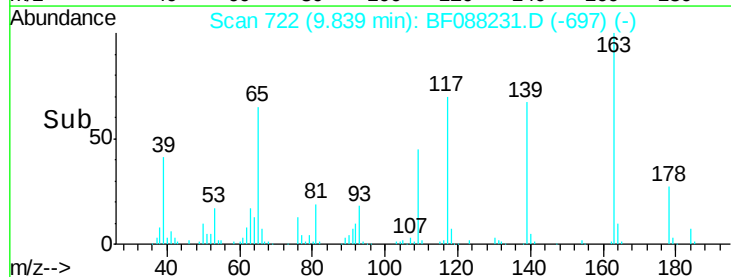
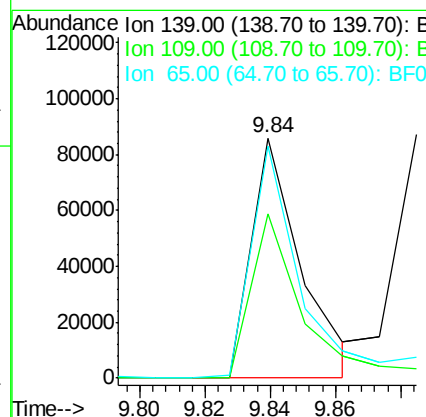
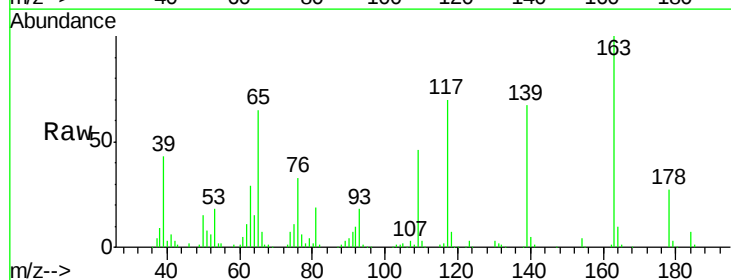
RT: 9.84 min Scan# 722

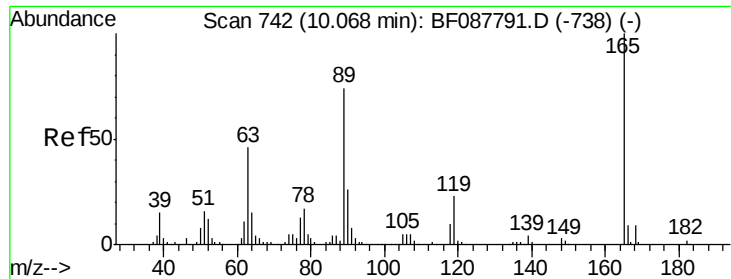
Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 90912 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 68.1  | 48.9  | 88.9  |
| 65        | 96.6  | 84.9  | 124.9 |





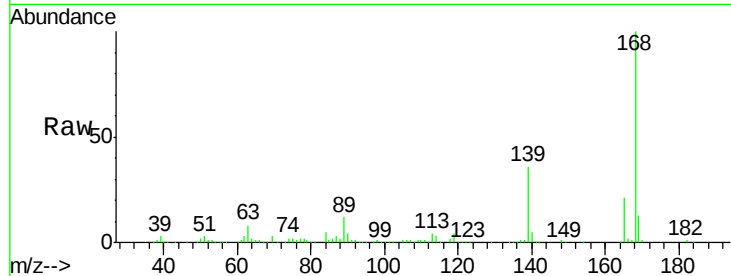
#56  
2,4-Dinitrotoluene  
Concen: 30.90 ng  
RT: 9.90 min Scan# 727  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

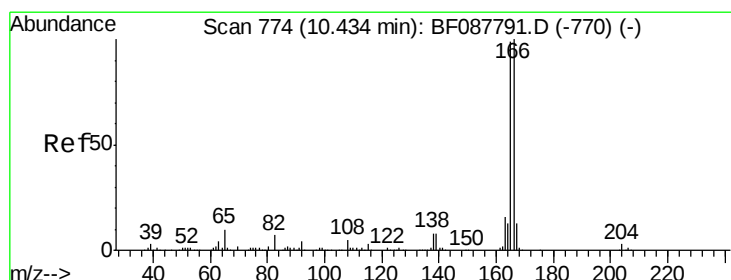
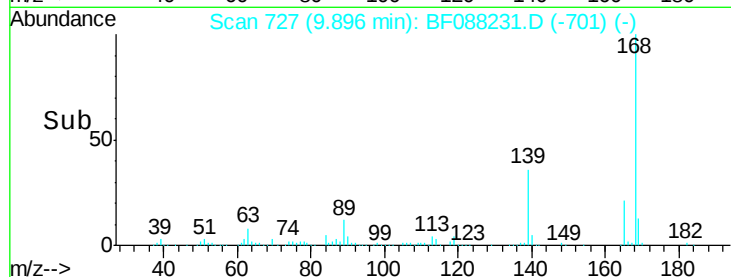
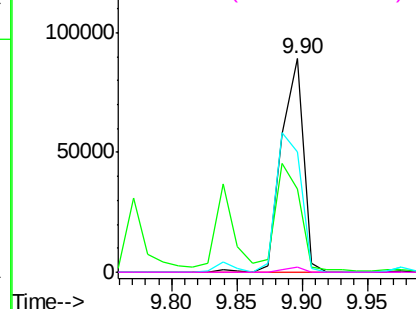
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 165     | 100  |       |       |       |       |
| 63      | 38.8 | 22.0  | 33.0# |       |       |
| 89      | 56.5 | 41.1  | 61.7  |       |       |
| 182     | 2.6  | 2.0   | 3.0   |       |       |

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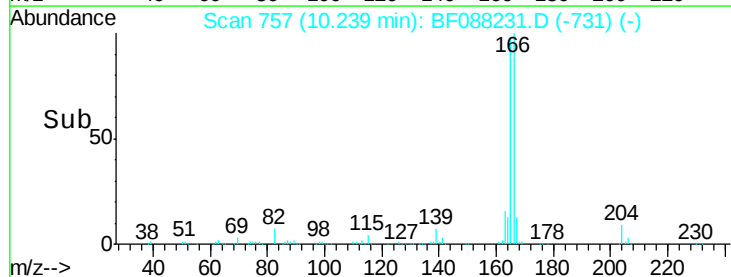
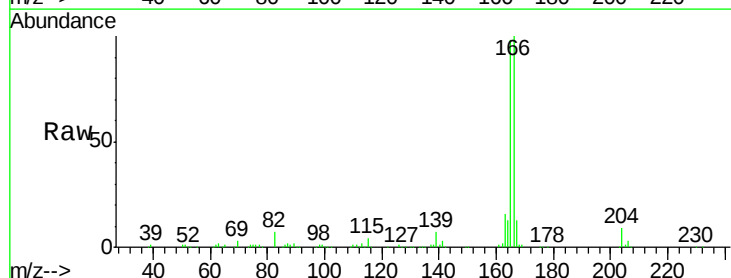
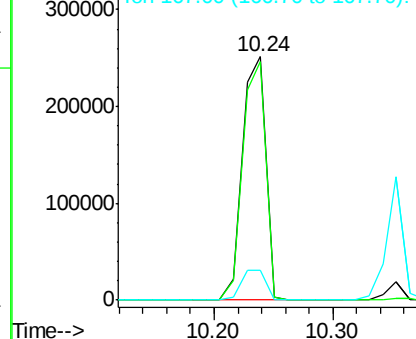
Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E

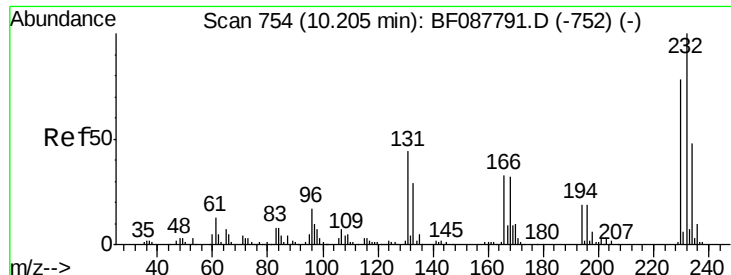


#57  
Fluorene  
Concen: 34.51 ng  
RT: 10.24 min Scan# 757  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 166     | 100  |       |       |       |       |
| 165     | 98.2 | 77.8  | 116.8 |       |       |
| 167     | 12.5 | 11.2  | 16.8  |       |       |

Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





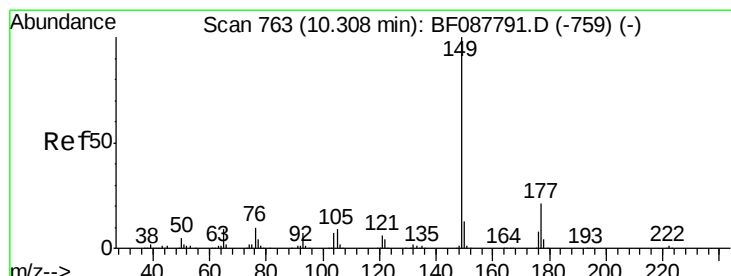
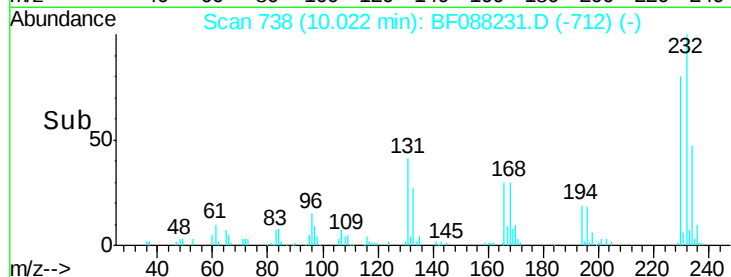
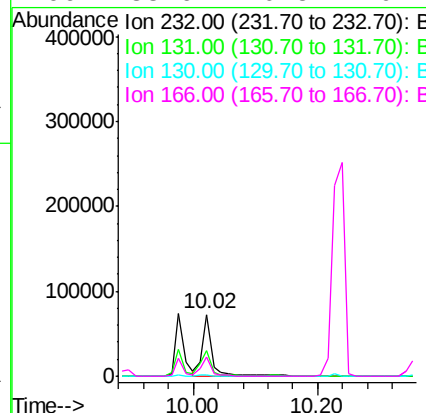
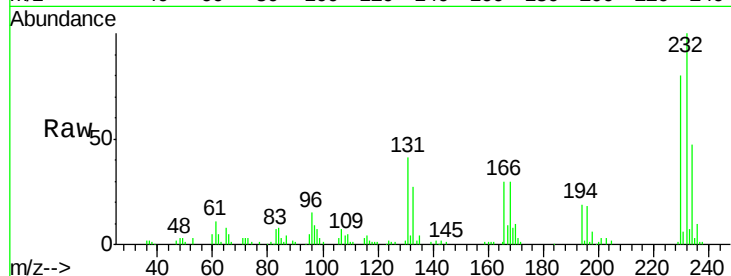
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 30.30 ng  
 RT: 10.02 min Scan# 738  
 Delta R.T. 0.00 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91509BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 46.8  | 0.9   | 1.3#  |
| 130     | 2.0   | 1.5   | 2.3   |
| 166     | 33.6  | 0.5   | 0.7#  |

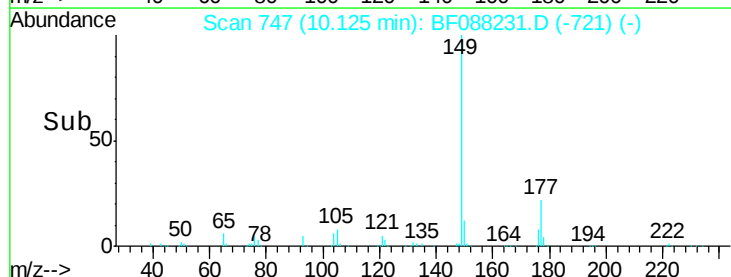
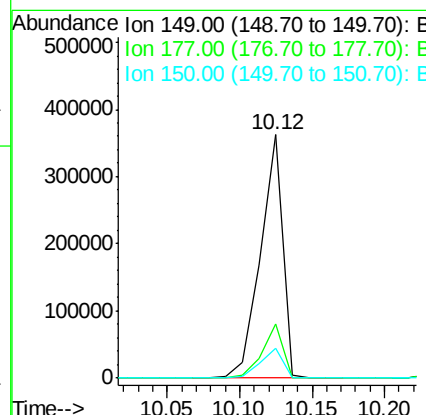
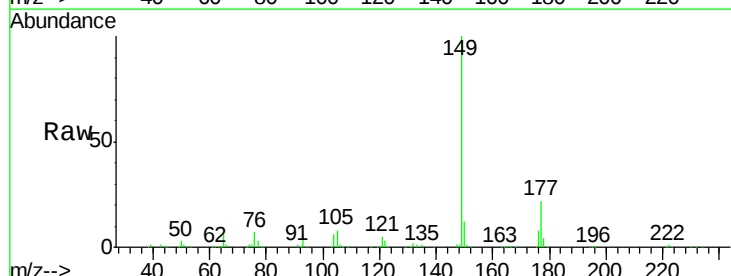
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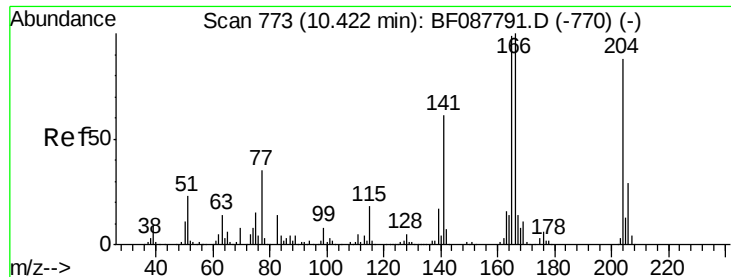
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#59  
 Diethylphthalate  
 Concen: 32.49 ng  
 RT: 10.12 min Scan# 747  
 Delta R.T. 0.00 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.1  | 16.9  | 25.3  |
| 150     | 12.1  | 10.1  | 15.1  |





#60

4-Chlorophenyl-phenylether

Concen: 31.31 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

ClientSampleId :

PB91509BS

Tot Ion:204 Resp: 148958

Ion Ratio Lower Upper

204 100

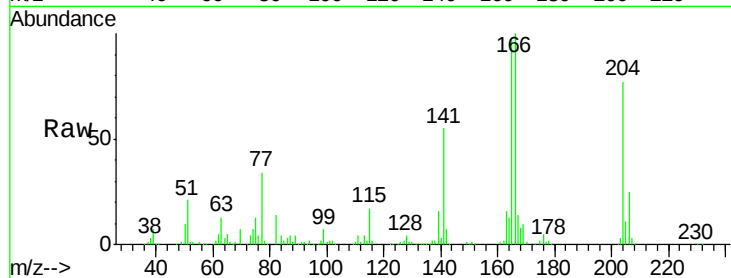
206 32.7 26.3 39.5

141 71.8 55.0 82.6

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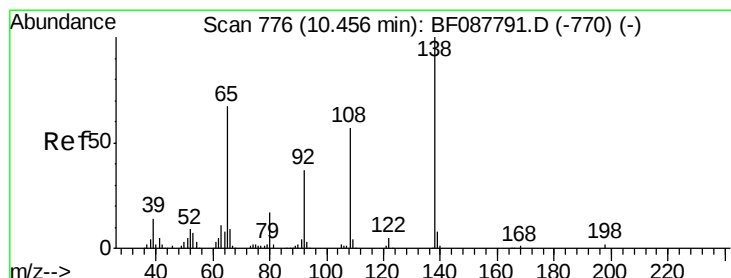
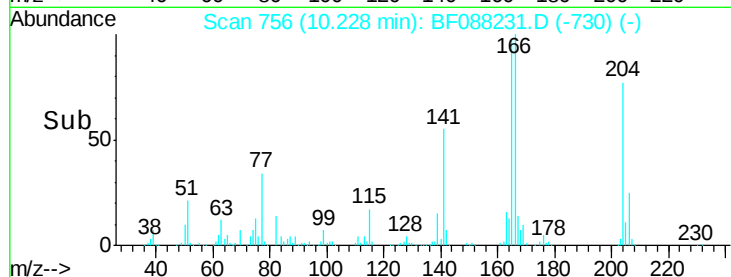
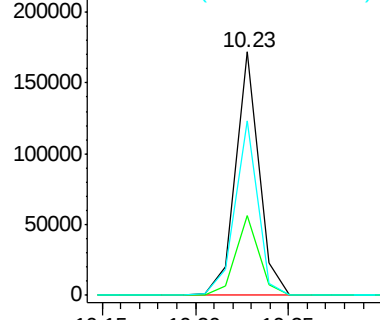
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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 30.84 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

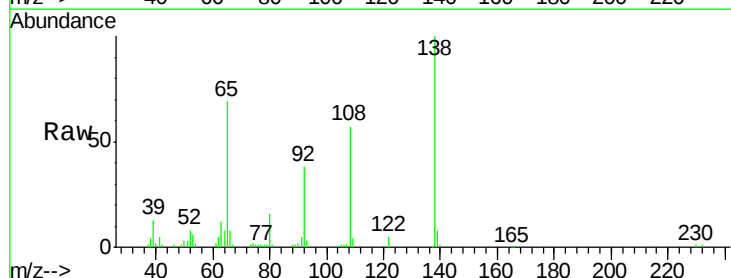
Tgt Ion:138 Resp: 90594

Ion Ratio Lower Upper

138 100

92 37.7 27.3 67.3

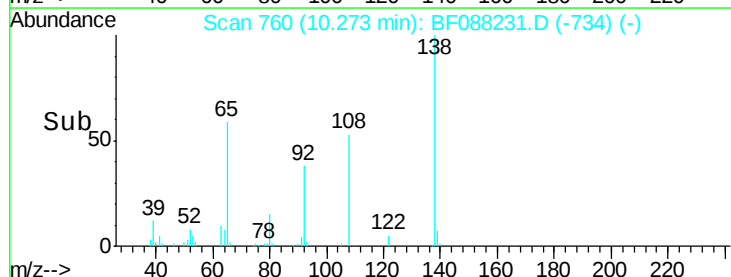
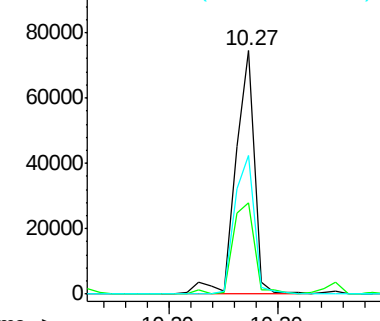
108 57.2 46.7 86.7

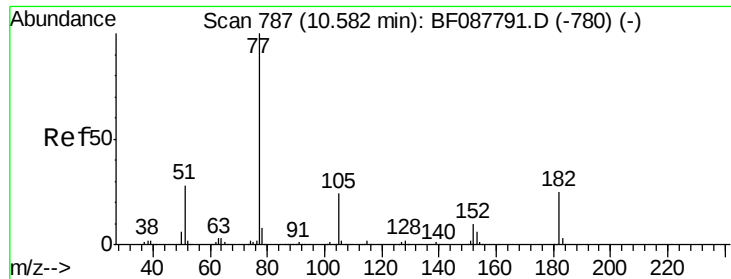


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 31.29 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

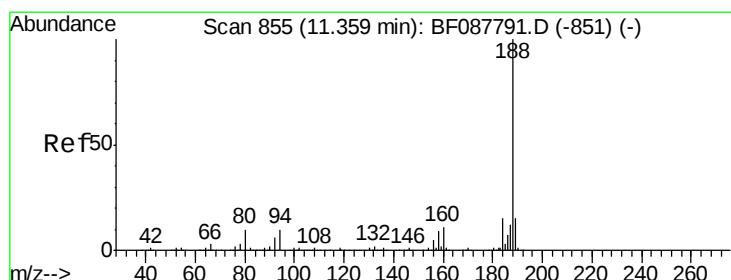
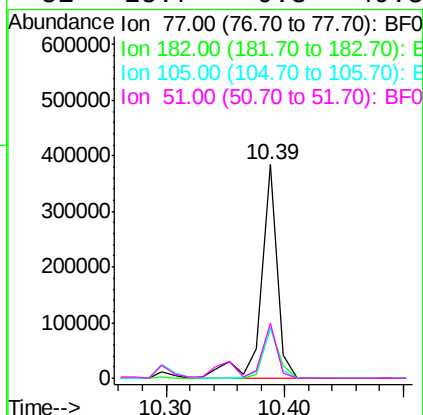
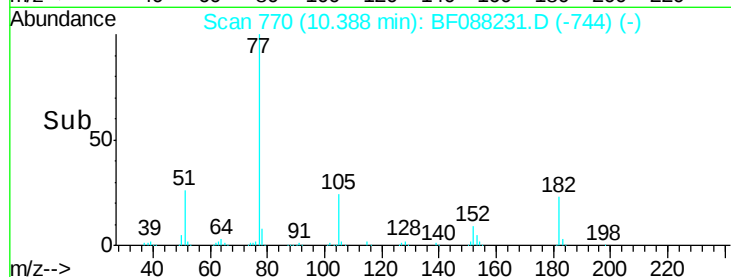
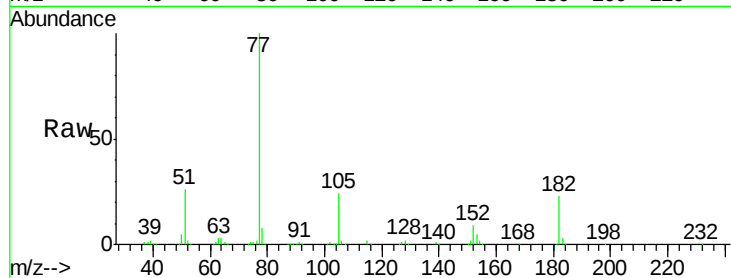
ClientSampleId :

PB91509BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 367077 |       |       |
| 182     | 23.1  | 4.4    | 44.4  |       |
| 105     | 24.1  | 3.8    | 43.8  |       |
| 51      | 25.7  | 9.3    | 49.3  |       |

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#63

Phenanthrene-d10

Concen: 20.00 ng

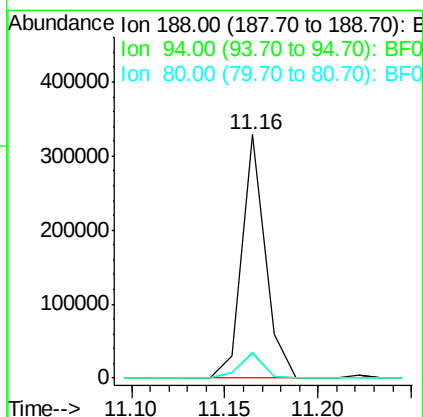
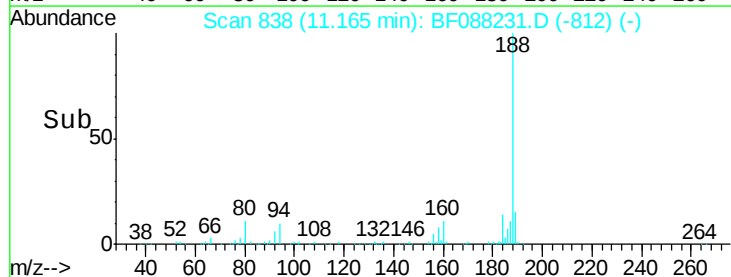
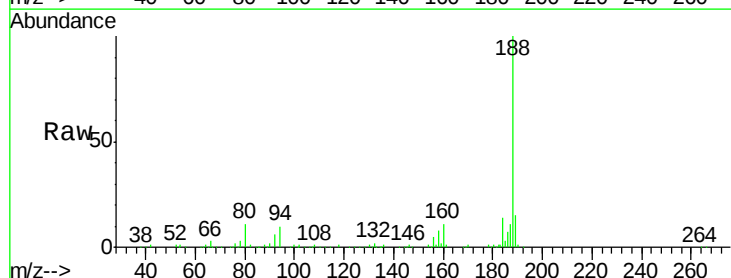
RT: 11.16 min Scan# 838

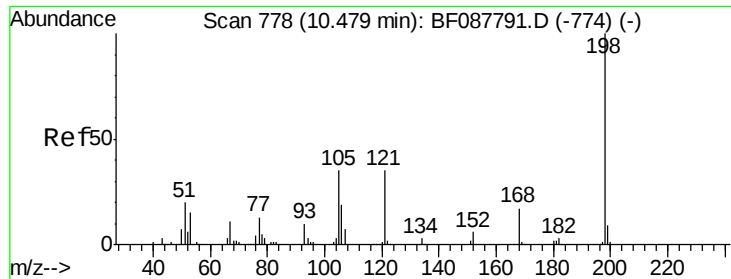
Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 287314 |       |       |
| 94      | 10.3  | 9.0    | 13.6  |       |
| 80      | 10.8  | 10.0   | 15.0  |       |





#64

4,6-Dinitro-2-methylphenol

Concen: 30.55 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

ClientSampled :

PB91509BS

Tot Ion:198 Resp: 53318

Ion Ratio Lower Upper

198 100

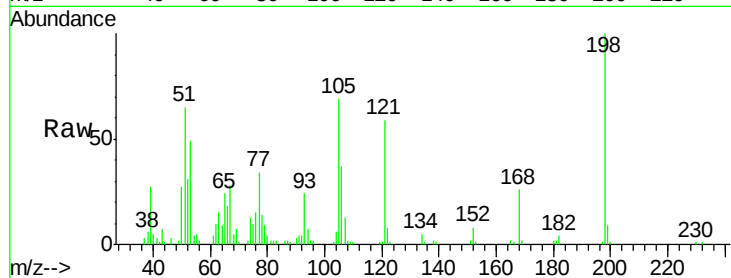
51 65.0 39.6 79.6

105 69.4 36.6 76.6

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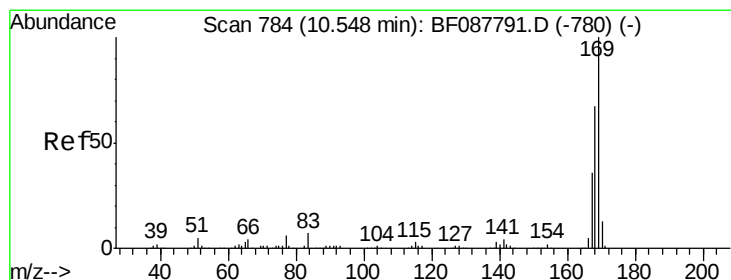
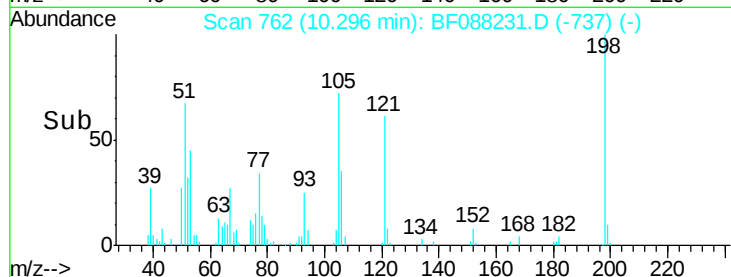
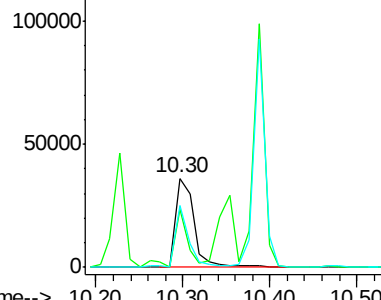
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.53 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

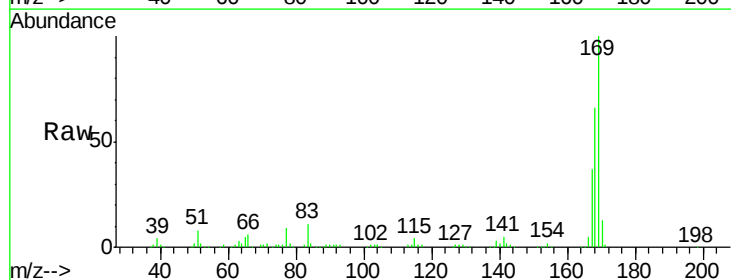
Tgt Ion:169 Resp: 329184

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.0

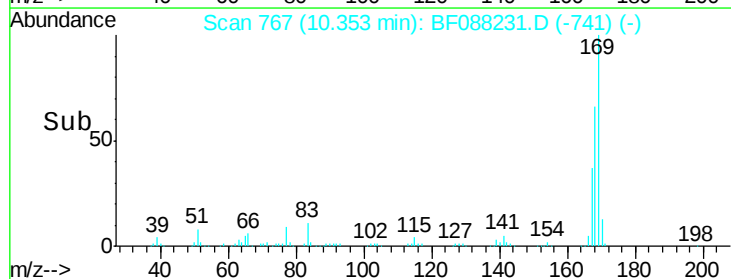
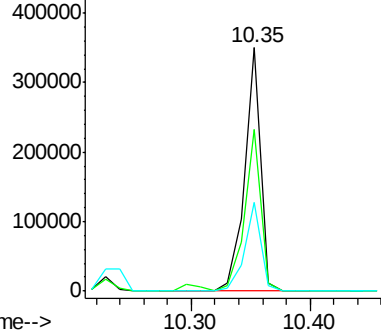
167 36.5 29.4 44.0

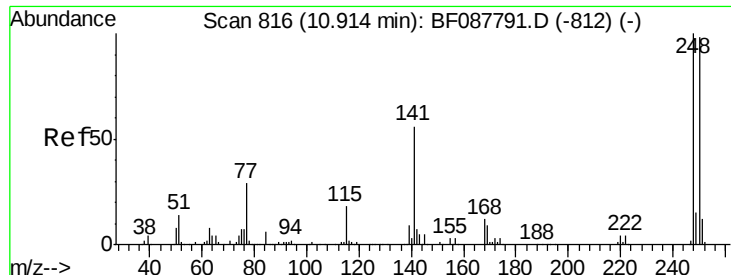


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





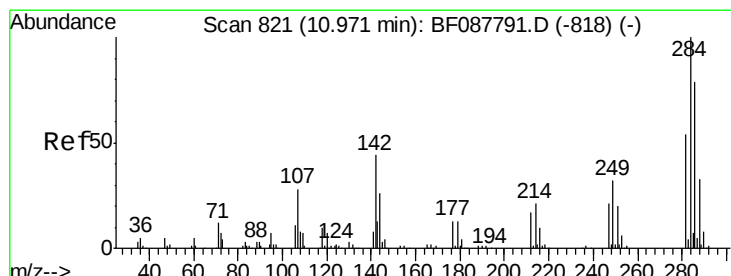
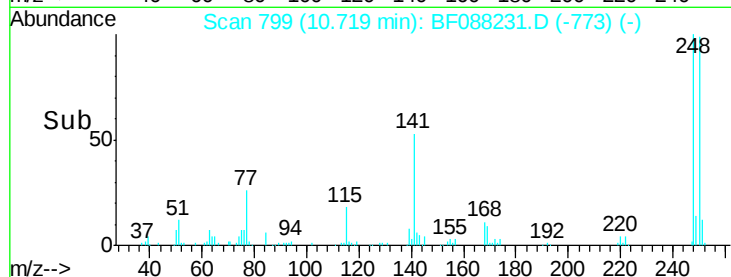
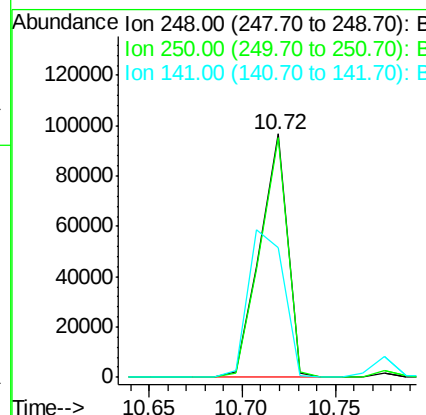
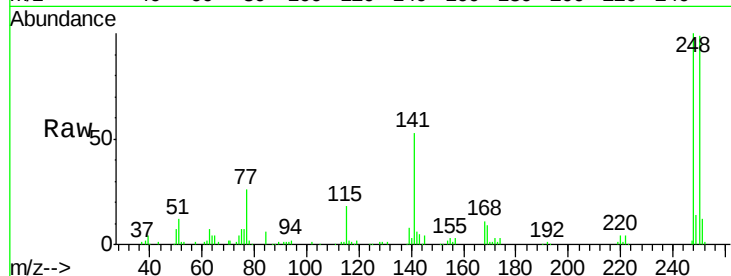
#66  
4-Bromophenyl-phenylether  
Concen: 32.10 ng  
RT: 10.72 min Scan# 799  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.6  | 77.1  | 115.7 |
| 141     | 53.1  | 50.6  | 76.0  |

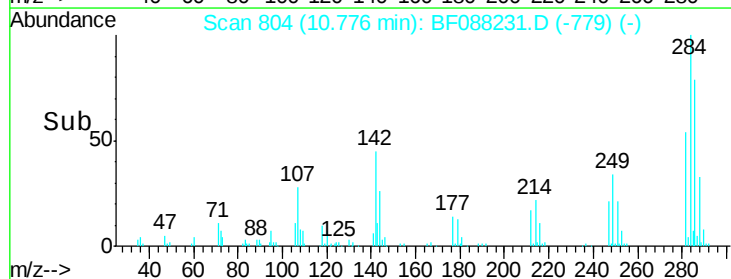
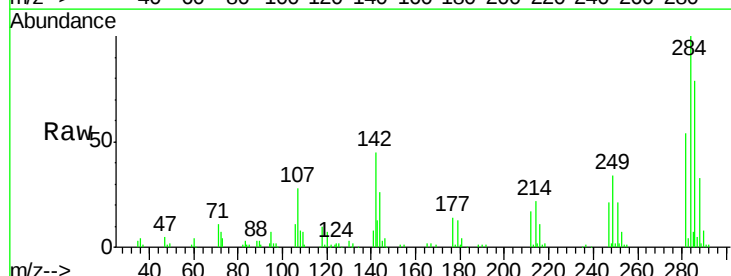
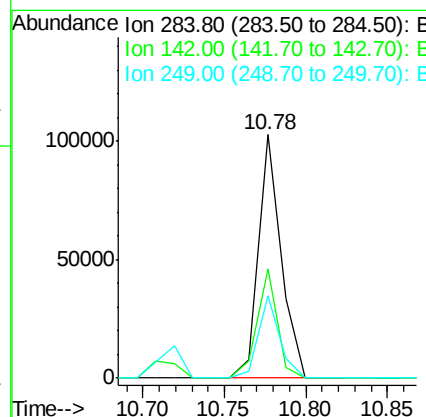
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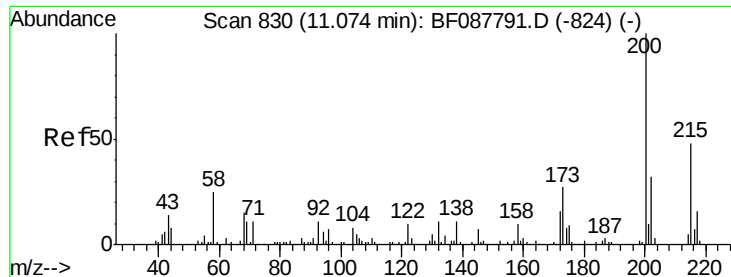
sohil  
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#67  
Hexachlorobenzene  
Concen: 31.12 ng  
RT: 10.78 min Scan# 804  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 45.0  | 35.8  | 53.8  |
| 249     | 34.0  | 25.8  | 38.6  |





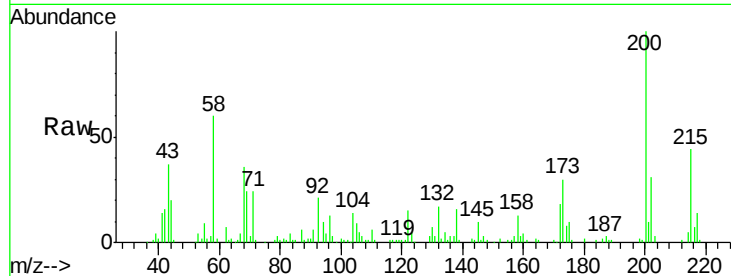
#68  
Atrazine  
Concen: 28.97 ng  
RT: 10.88 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

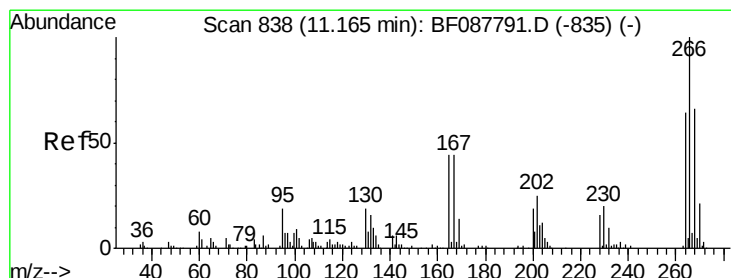
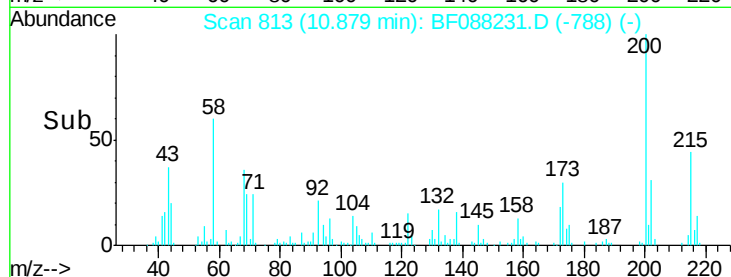
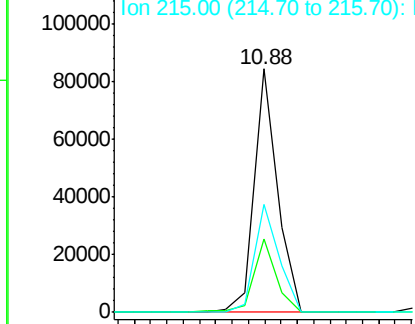
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 30.2  | 4.0   | 44.0  |
| 215     | 44.5  | 29.3  | 69.3  |

Manual Integrations  
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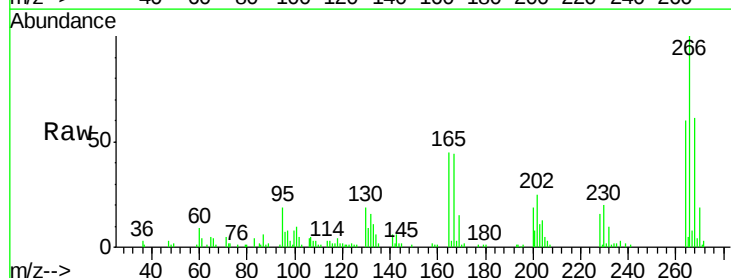


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

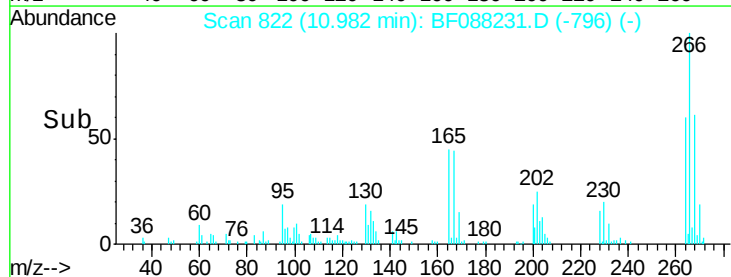
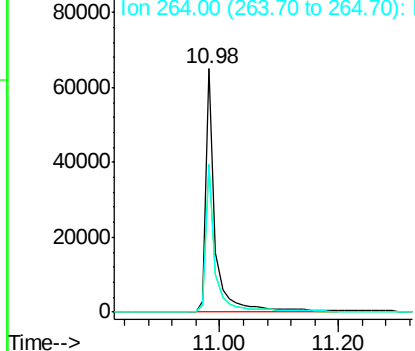


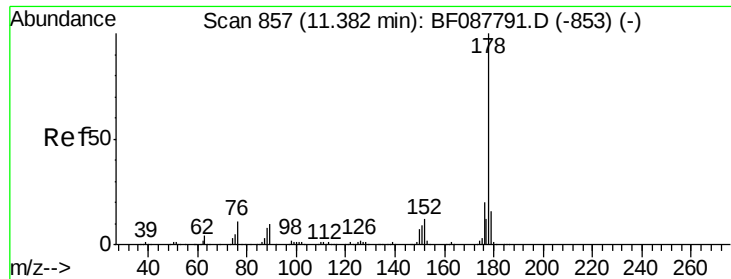
#69  
Pentachlorophenol  
Concen: 44.04 ng  
RT: 10.98 min Scan# 822  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 60.7  | 52.8  | 79.2  |
| 264     | 60.5  | 49.6  | 74.4  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





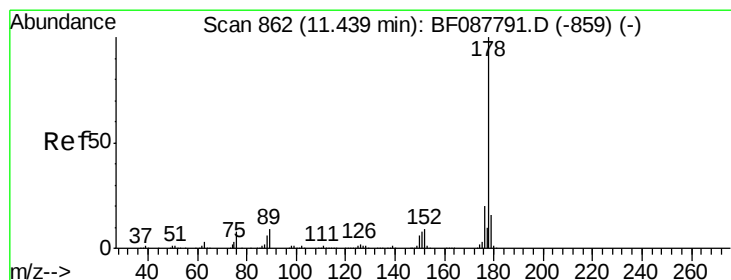
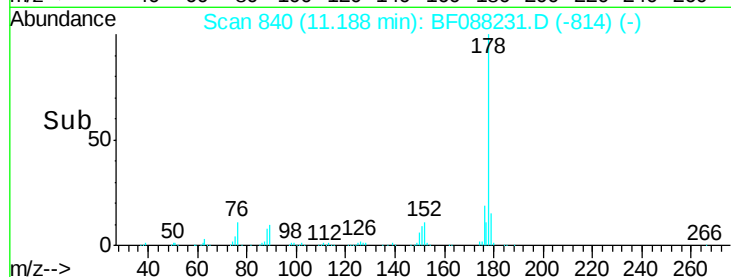
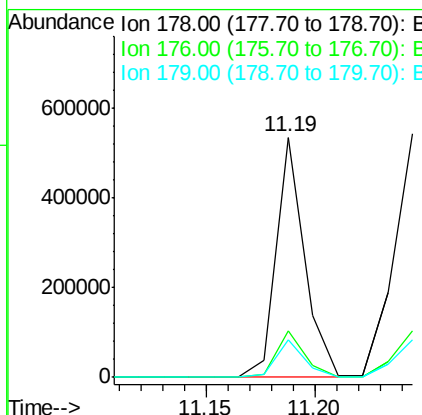
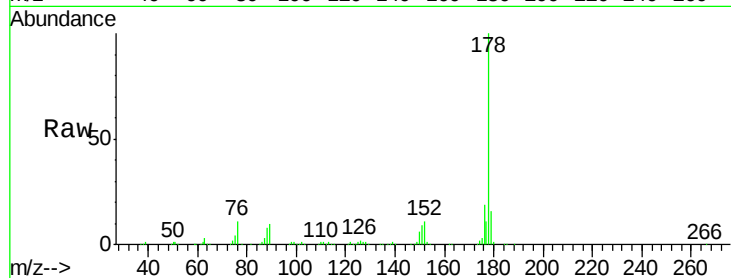
#70  
Phenanthrene  
Concen: 32.60 ng  
RT: 11.19 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.8  | 23.6  |
| 179     | 15.5  | 13.0  | 19.4  |

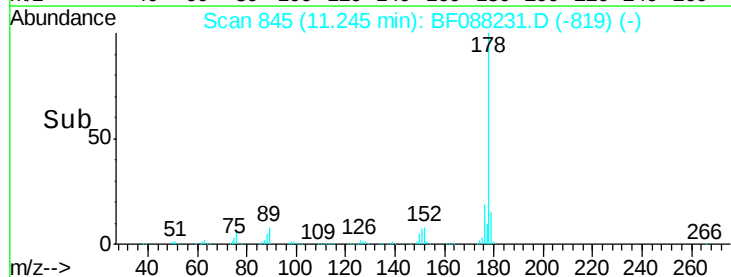
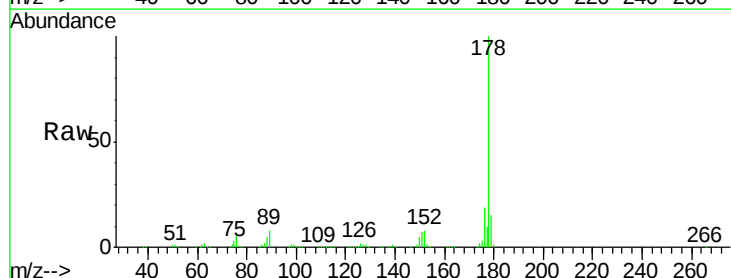
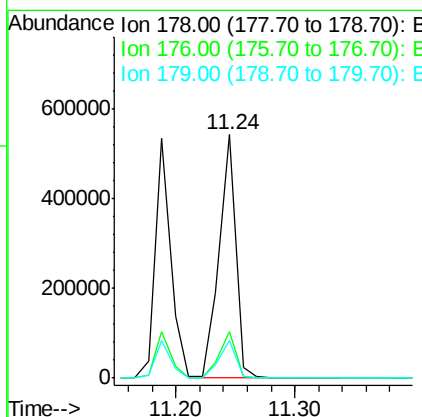
Manual Integrations  
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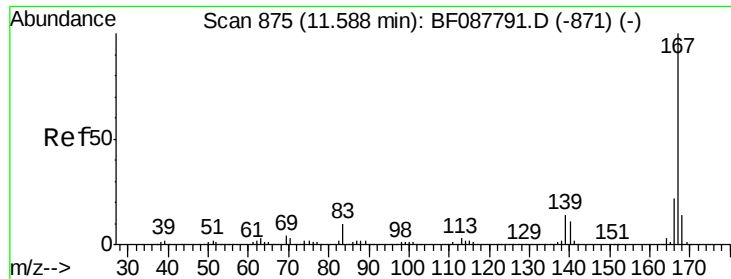
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#71  
Anthracene  
Concen: 34.53 ng  
RT: 11.24 min Scan# 845  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.6  | 23.4  |
| 179     | 15.5  | 12.8  | 19.2  |





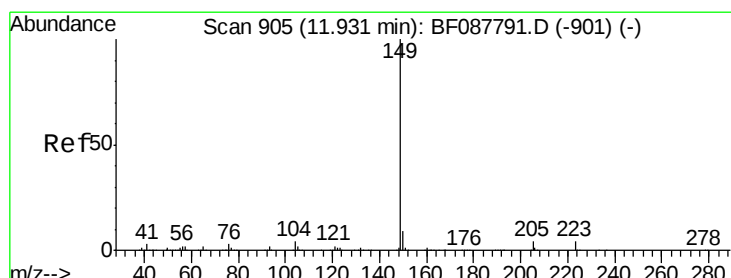
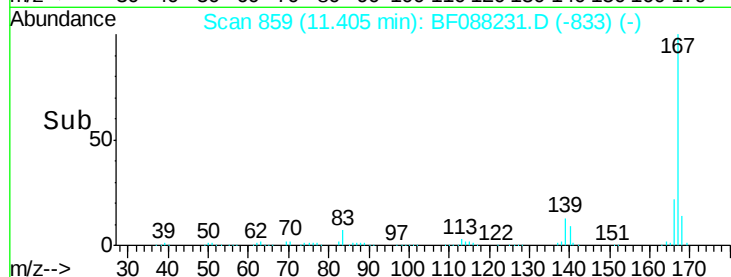
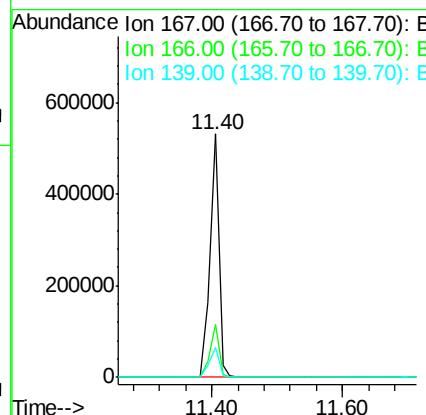
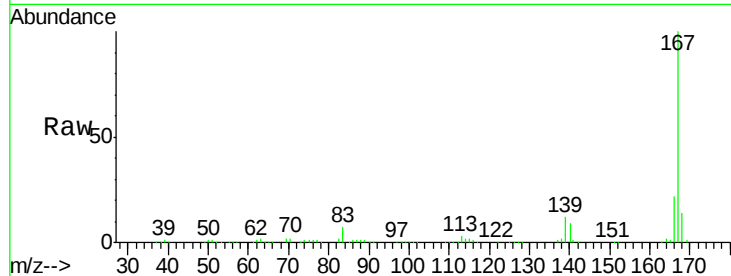
#72  
 Carbazole  
 Concen: 35.32 ng  
 RT: 11.40 min Scan# 859  
 Delta R.T. 0.00 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91509BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 502696 |       |       |
| 166     | 21.7  |        | 17.8  | 26.6  |
| 139     | 12.5  |        | 11.2  | 16.8  |

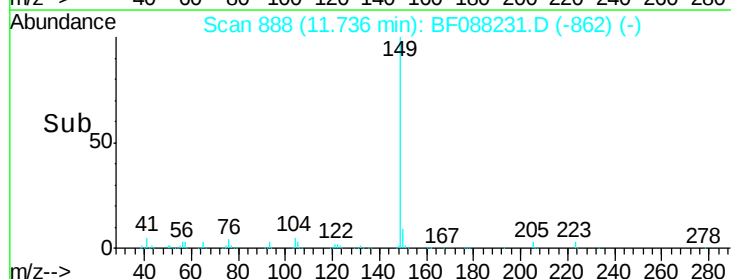
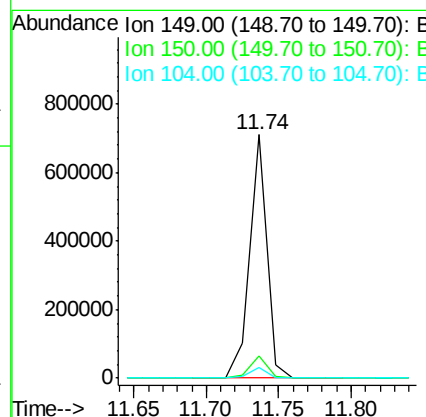
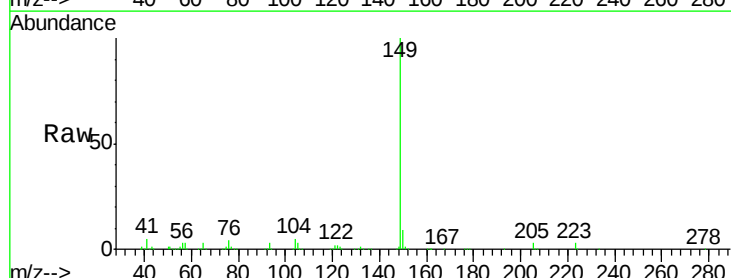
Manual Integrations  
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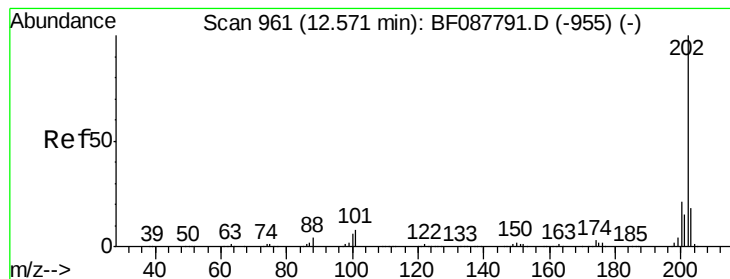
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#73  
 Di-n-butylphthalate  
 Concen: 32.61 ng  
 RT: 11.74 min Scan# 888  
 Delta R.T. 0.00 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 587485 |       |       |
| 150     | 9.2   |        | 7.8   | 11.6  |
| 104     | 4.5   |        | 4.0   | 6.0   |





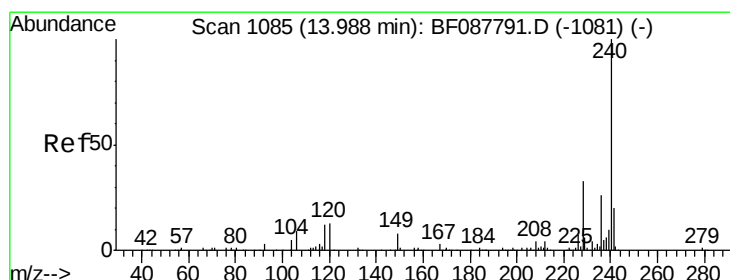
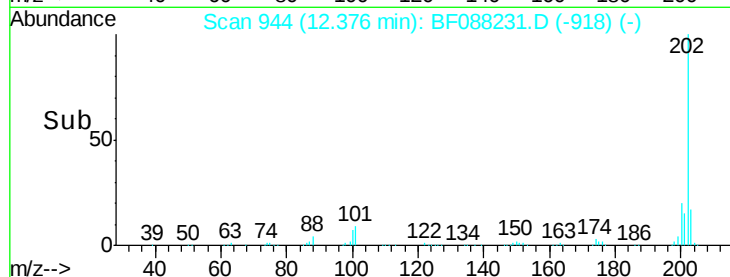
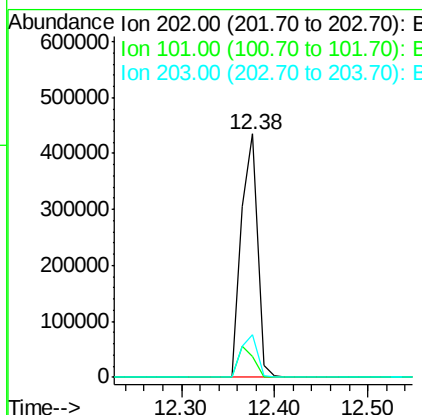
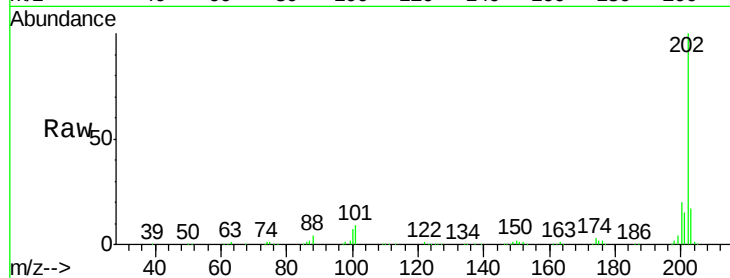
#74  
 Fluoranthene  
 Concen: 33.15 ng  
 RT: 12.38 min Scan# 944  
 Delta R.T. 0.00 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91509BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 8.8   | 0.0        | 33.1  |
| 203     | 17.3  | 0.0        | 38.1  |

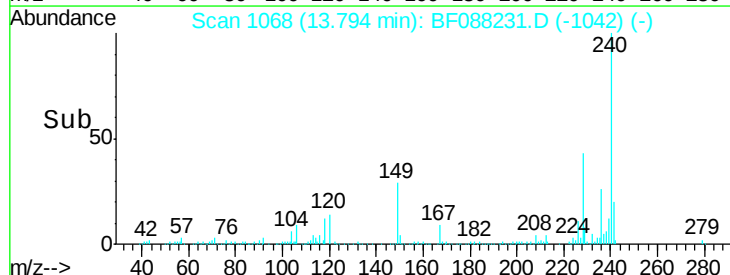
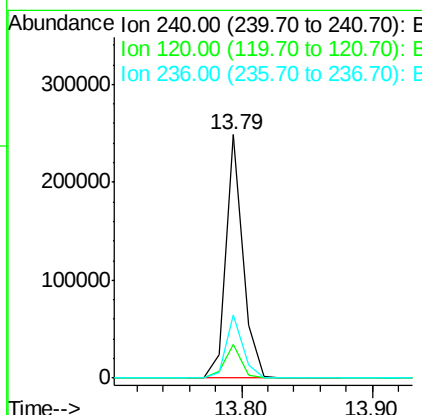
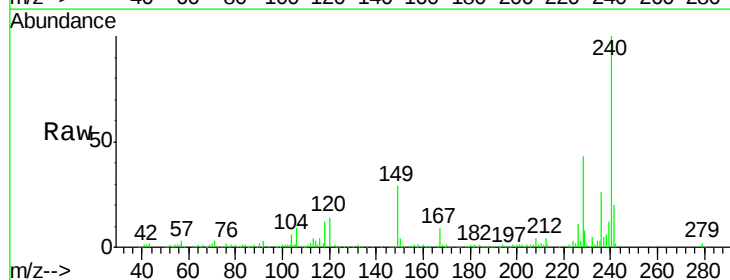
Manual Integrations  
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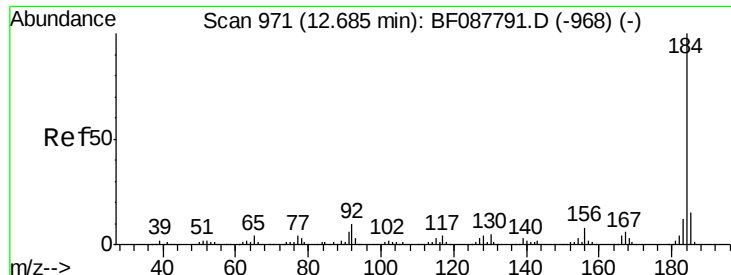
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#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.79 min Scan# 1068  
 Delta R.T. 0.00 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 13.7  | 6.8        | 10.2# |
| 236     | 26.2  | 20.2       | 30.2  |





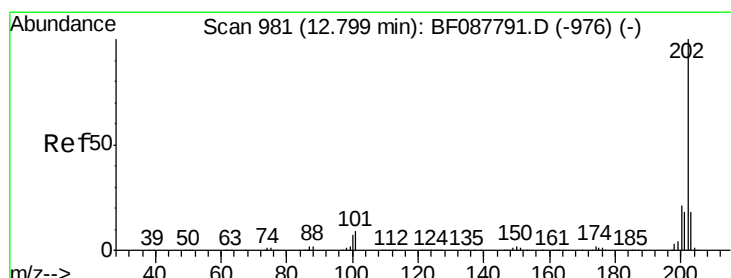
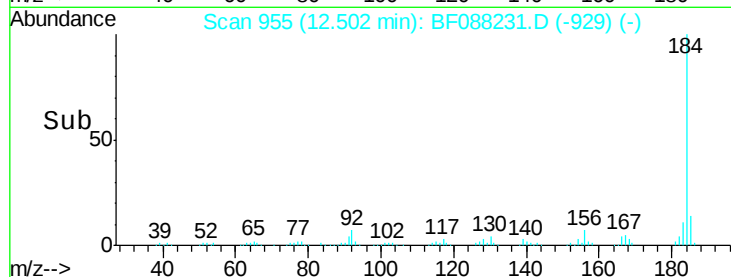
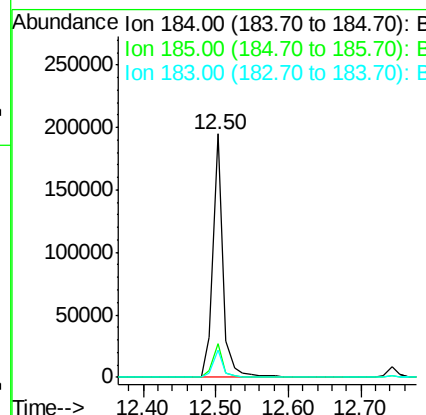
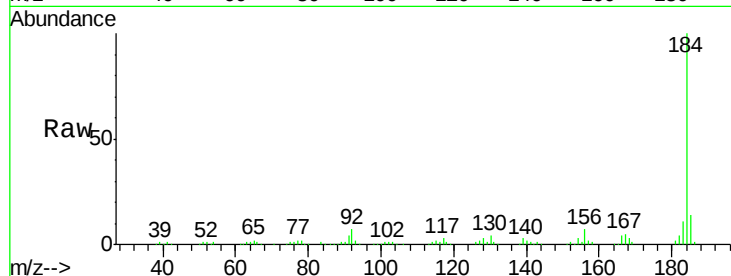
#76  
Benzidine  
Concen: 30.08 ng  
RT: 12.50 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 14.1  | 12.5 | 18.7  |       |
| 183     | 11.5  | 9.3  | 13.9  |       |

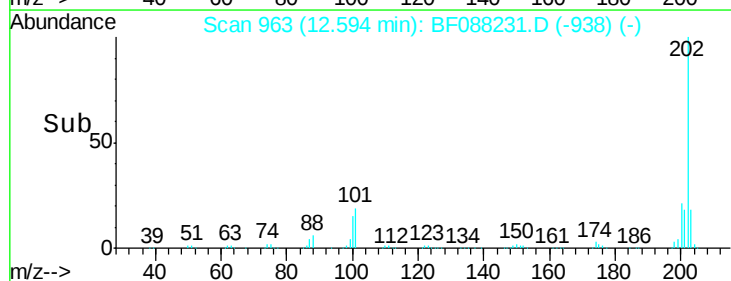
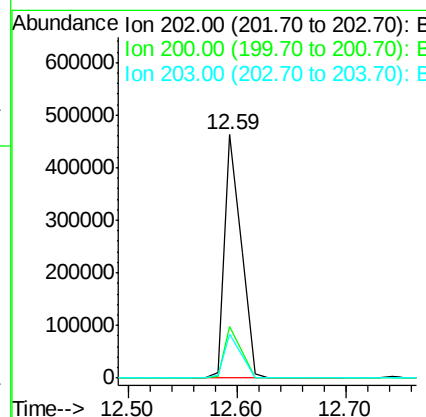
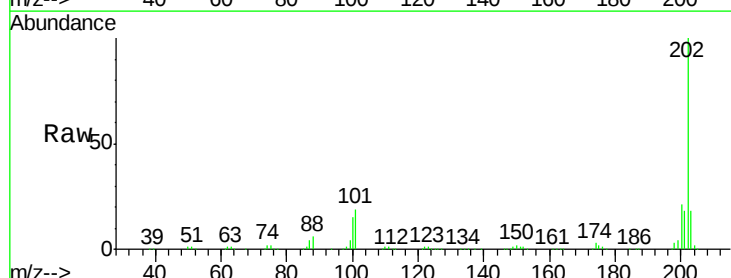
Manual Integrations  
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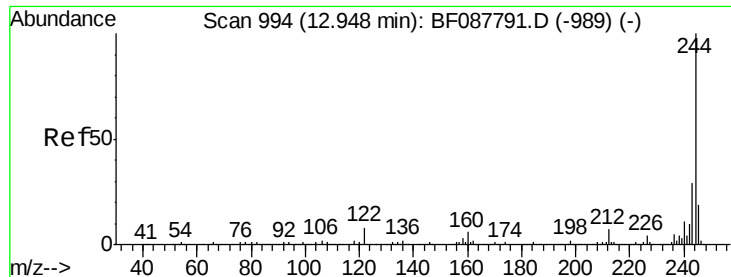
sohil  
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#77  
Pyrene  
Concen: 29.59 ng  
RT: 12.59 min Scan# 963  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 21.0  | 17.4 | 26.2  |       |
| 203     | 18.0  | 14.5 | 21.7  |       |





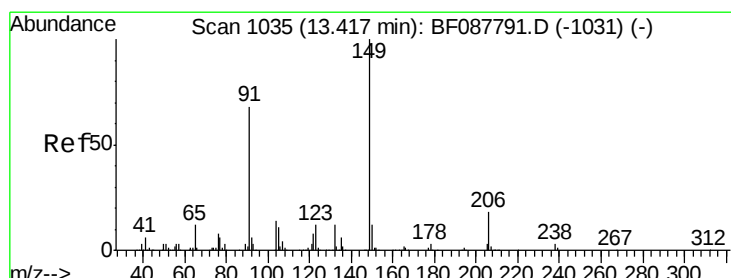
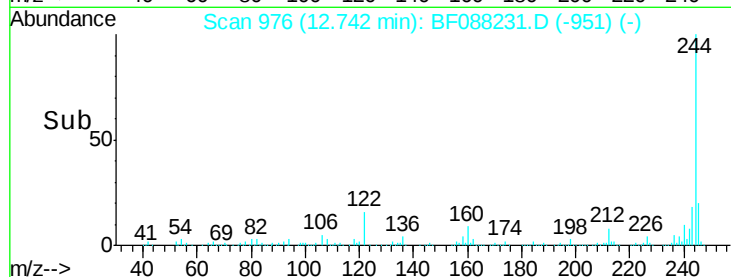
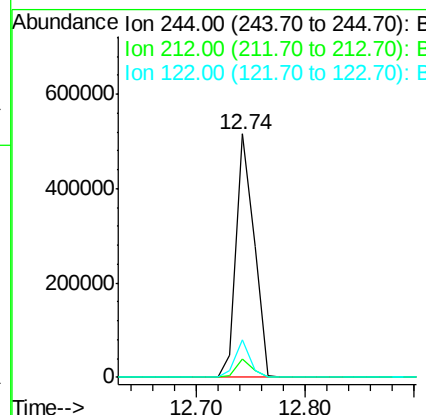
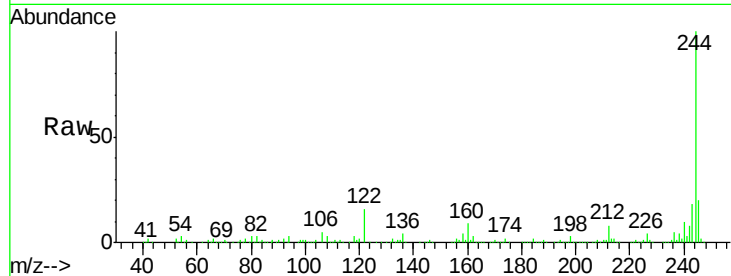
#78  
 Terphenyl-d14  
 Concen: 58.29 ng  
 RT: 12.74 min Scan# 976  
 Delta R.T. -0.01 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91509BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.6   | 6.0   | 9.0   |
| 122     | 15.6  | 11.2  | 16.8  |

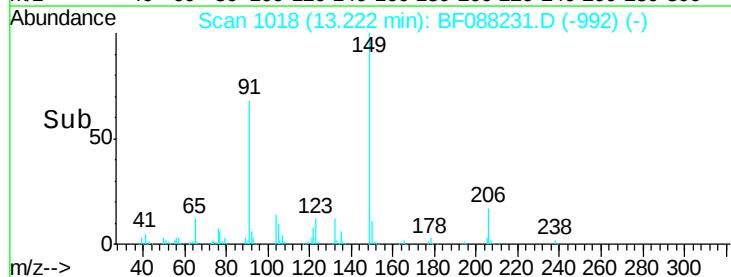
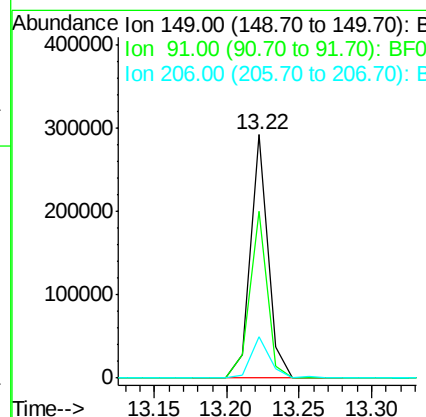
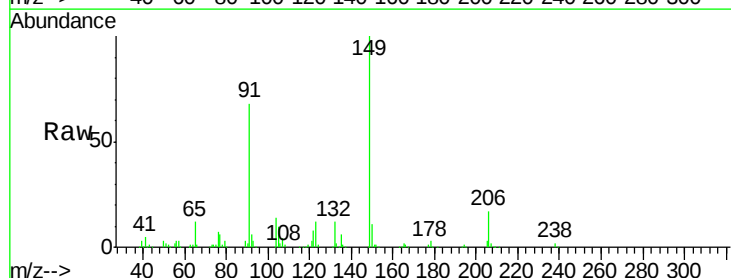
Manual Integrations  
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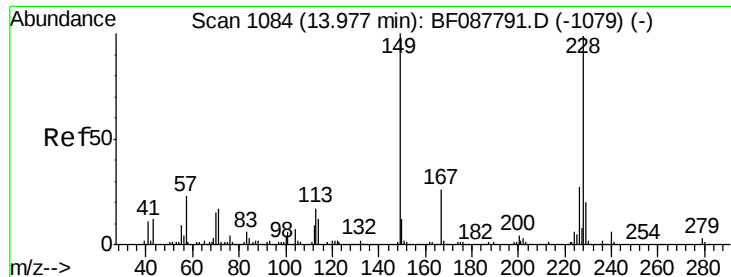
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#79  
 Butylbenzylphthalate  
 Concen: 33.07 ng  
 RT: 13.22 min Scan# 1018  
 Delta R.T. 0.00 min  
 Lab File: BF088231.D  
 Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.3  | 48.0  | 72.0  |
| 206     | 16.9  | 16.0  | 24.0  |





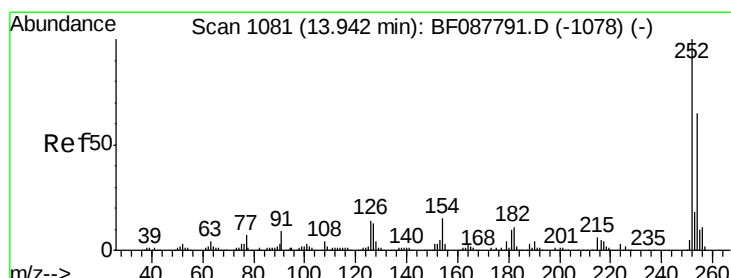
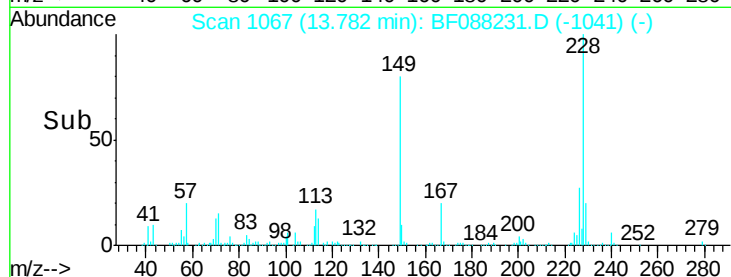
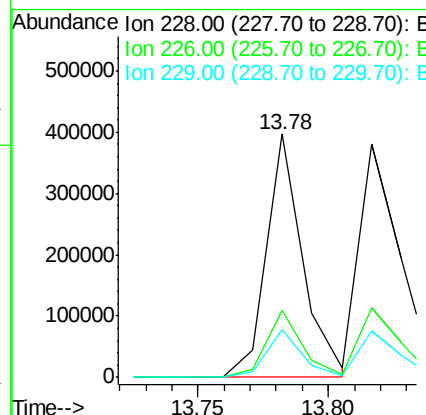
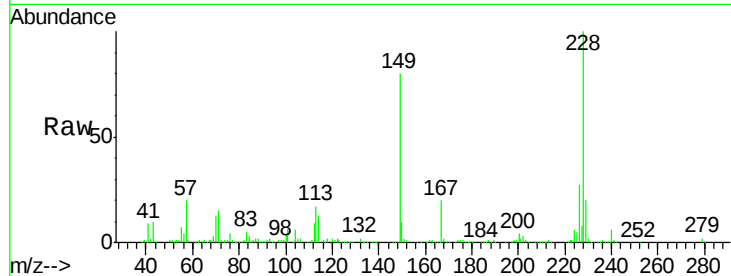
#80  
Benzo(a)anthracene  
Concen: 29.90 ng  
RT: 13.78 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.4  | 22.3  | 33.5  |
| 229     | 19.9  | 16.0  | 24.0  |

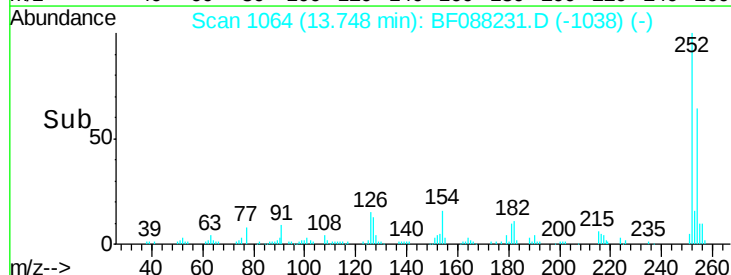
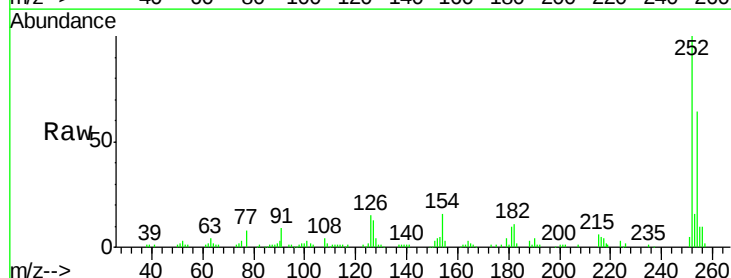
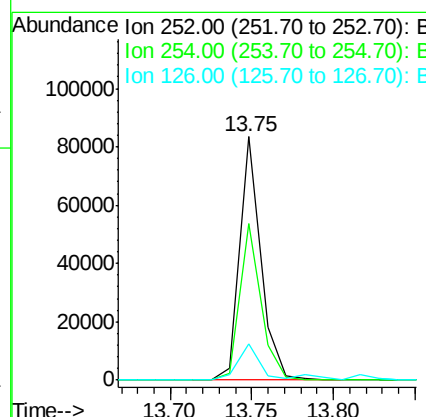
Manual Integrations  
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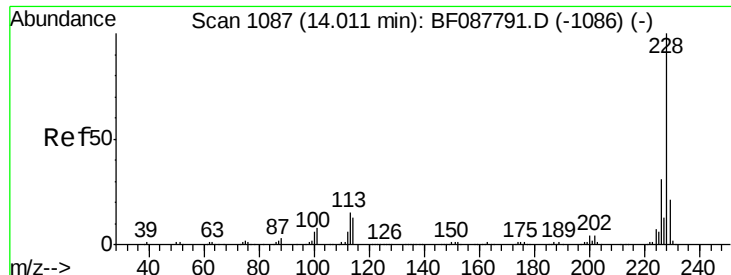
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#81  
3,3'-Dichlorobenzidine  
Concen: 21.21 ng  
RT: 13.75 min Scan# 1064  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.2  | 52.6  | 78.8  |
| 126     | 14.9  | 6.2   | 9.2#  |





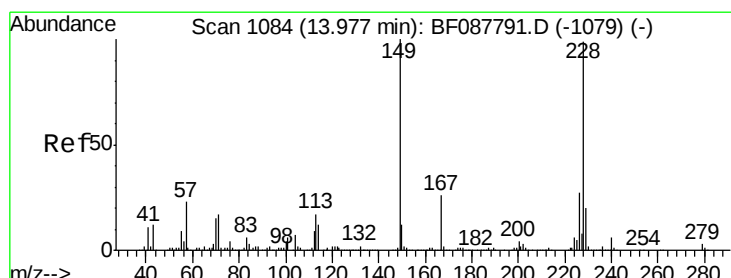
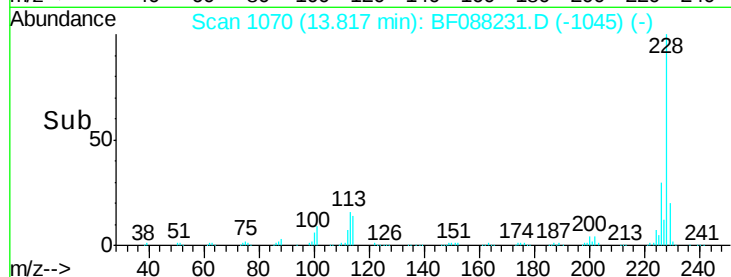
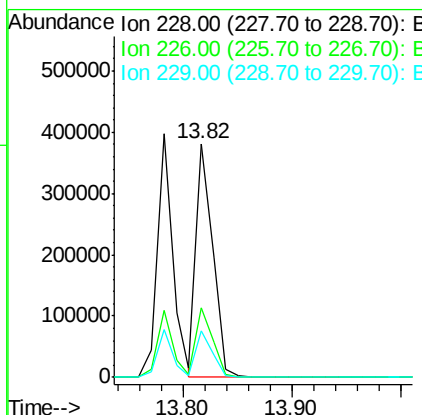
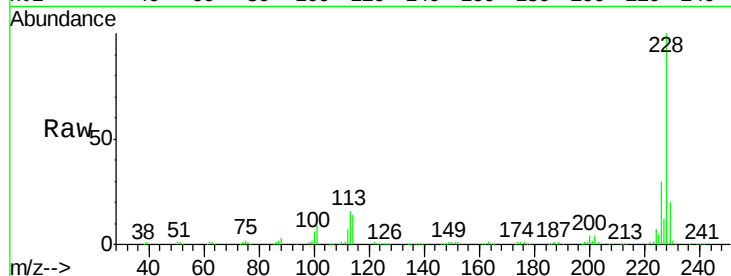
#82  
Chrysene  
Concen: 33.74 ng  
RT: 13.82 min Scan# 1070  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 25.4  | 38.2  |
| 229     | 19.7  | 16.3  | 24.5  |

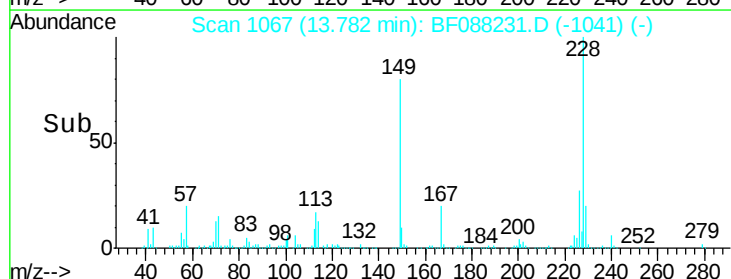
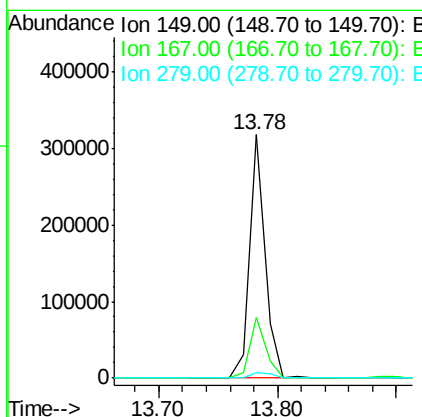
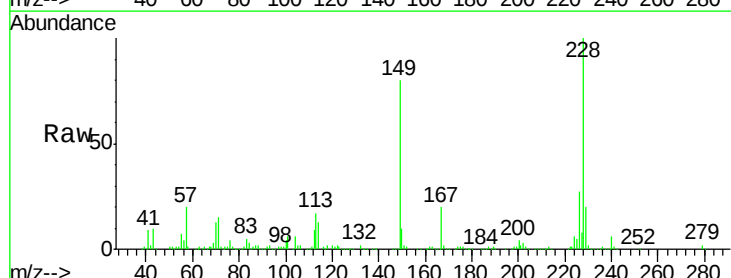
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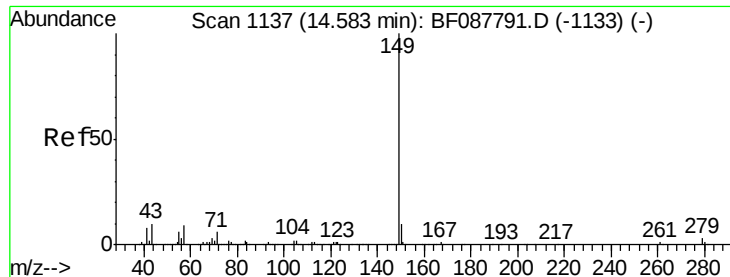
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#83  
Bis(2-ethylhexyl)phthalate  
Concen: 32.31 ng  
RT: 13.78 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 24.8  | 20.5  | 30.7  |
| 279     | 2.4   | 2.0   | 3.0   |





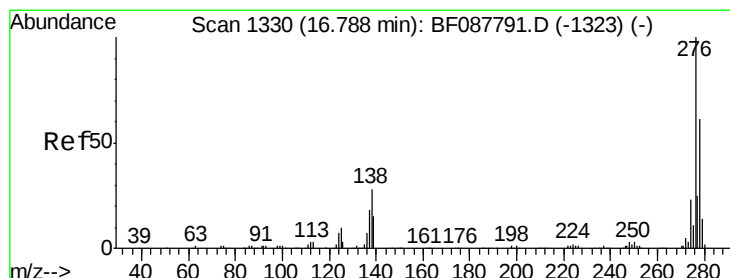
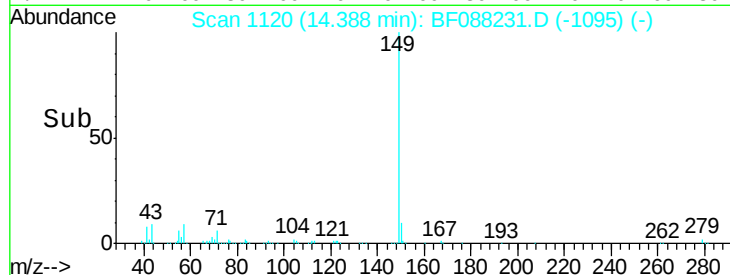
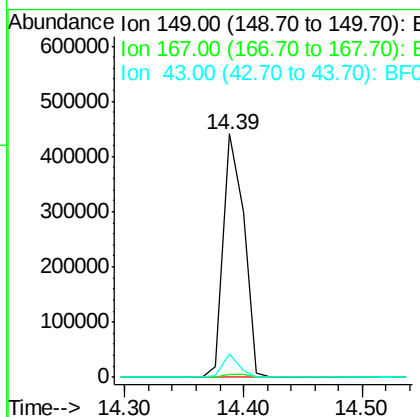
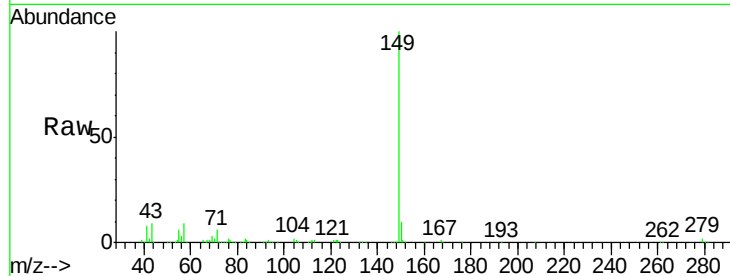
#84  
Di-n-octyl phthalate  
Concen: 36.02 ng  
RT: 14.39 min Scan# 1120  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.5   | 0.0        | 0.0#  |
| 43      | 7.8   | 0.0        | 0.0#  |

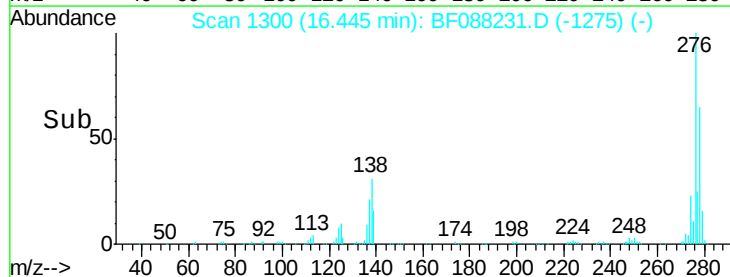
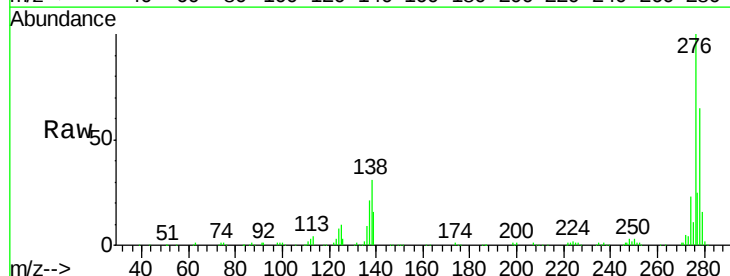
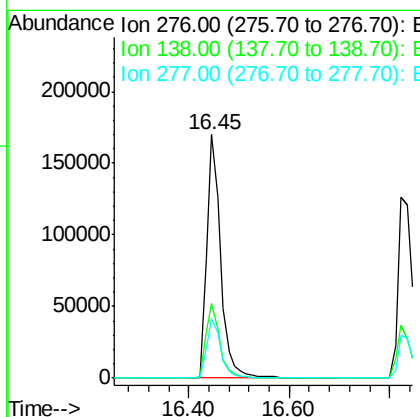
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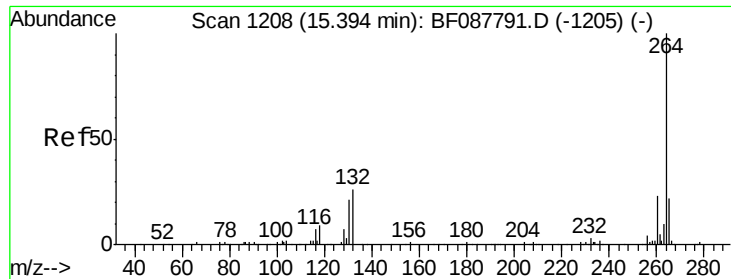
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#85  
Indeno(1,2,3-cd)pyrene  
Concen: 28.92 ng  
RT: 16.45 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 30.6  | 0.0        | 0.0#  |
| 277     | 24.7  | 0.0        | 0.0#  |





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA\_F

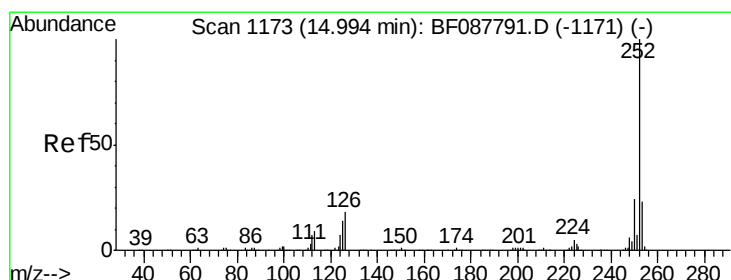
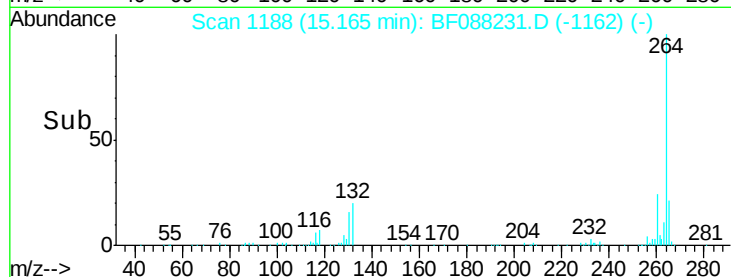
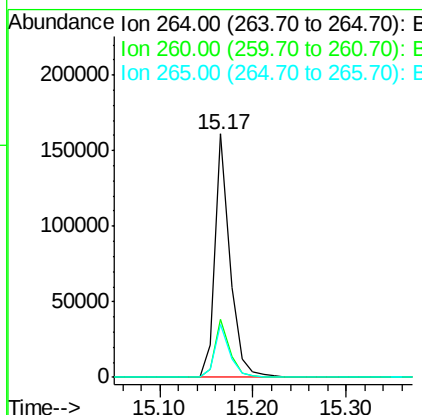
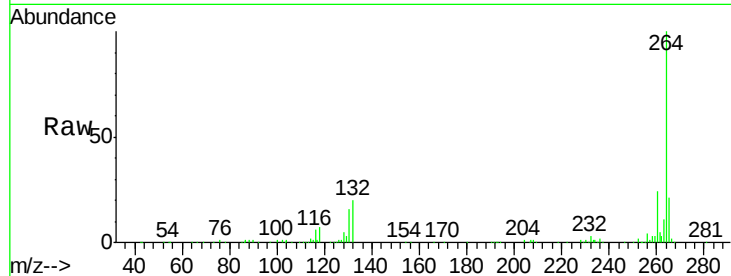
ClientSampleId :

PB91509BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 181030 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.0  | 19.2  | 28.8   |
| 265       | 21.5  | 16.9  | 25.3   |

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#87

Benzo(b)fluoranthene

Concen: 27.93 ng m

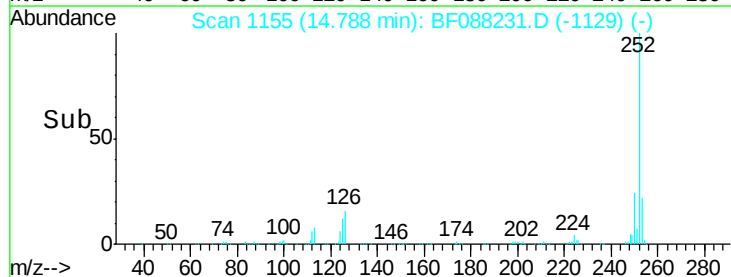
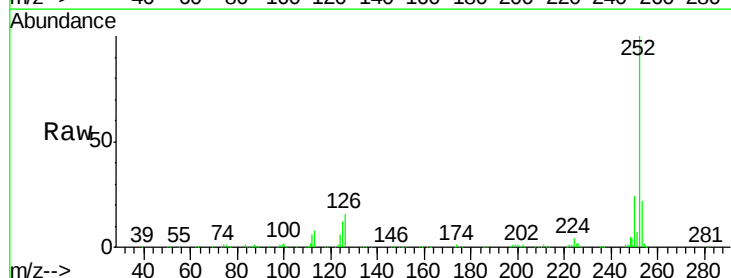
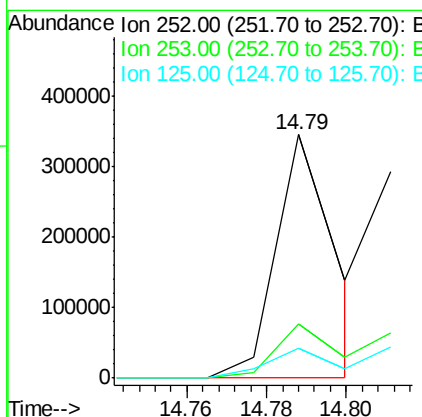
RT: 14.79 min Scan# 1155

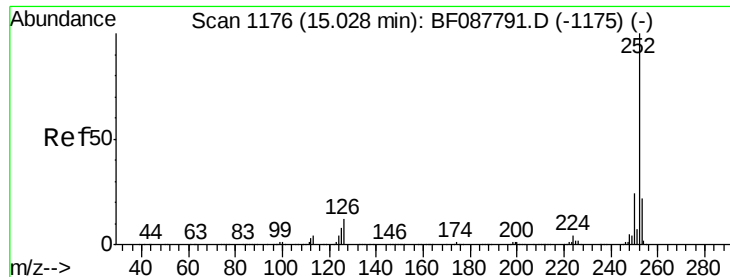
Delta R.T. 0.00 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 352361 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 17.4  | 26.2   |
| 125       | 12.3  | 7.1   | 10.7#  |





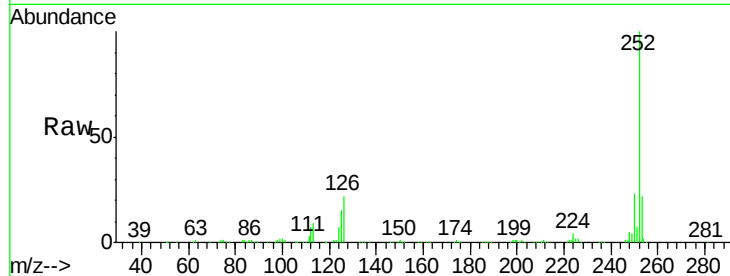
#88  
Benzo(k)fluoranthene  
Concen: 38.13 ng m  
RT: 14.81 min Scan# 1157  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

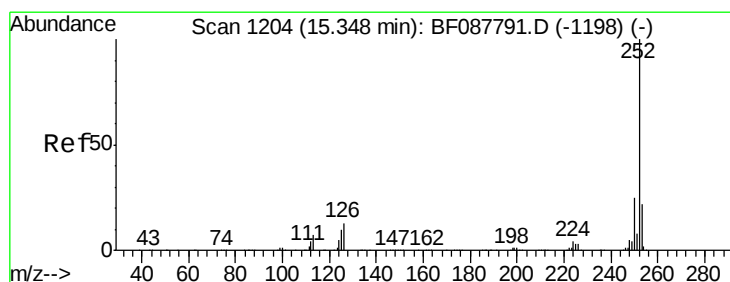
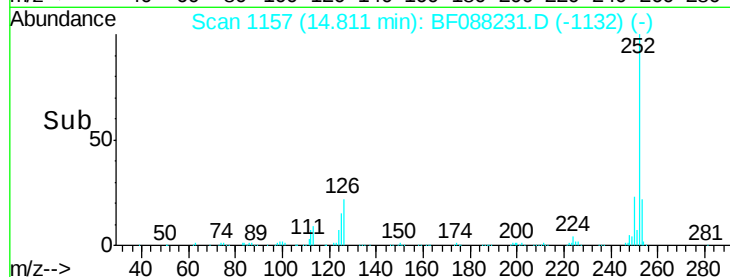
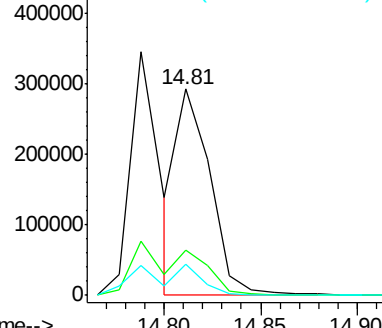
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.0  | 27.0  |
| 125     | 15.0  | 11.2  | 16.8  |

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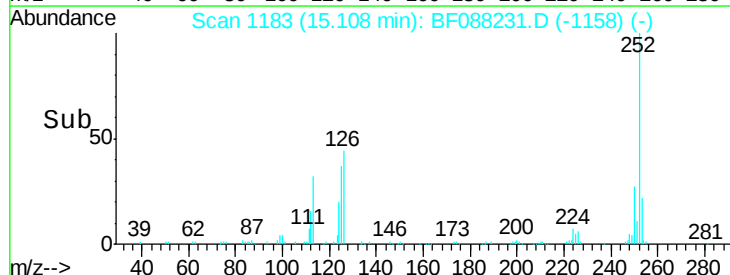
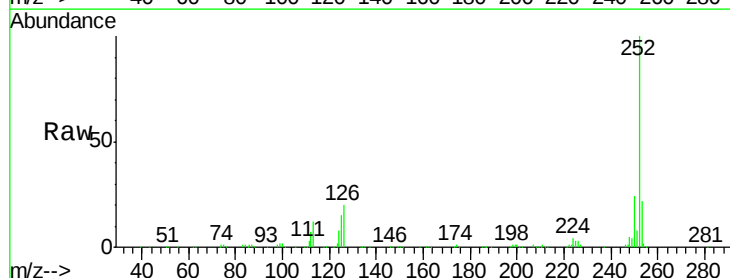
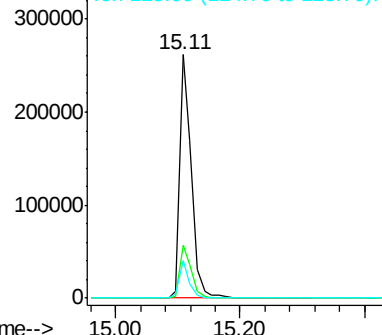
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

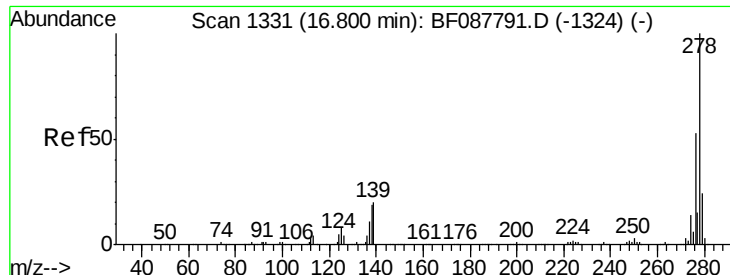


#89  
Benzo(a)pyrene  
Concen: 32.89 ng  
RT: 15.11 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.9  | 26.9  |
| 125     | 15.3  | 12.5  | 18.7  |

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





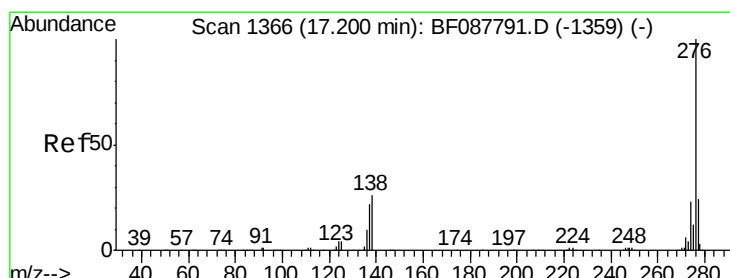
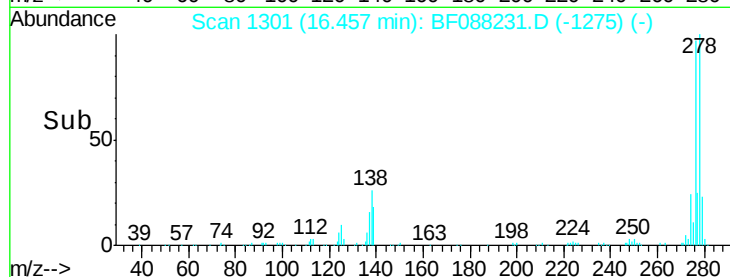
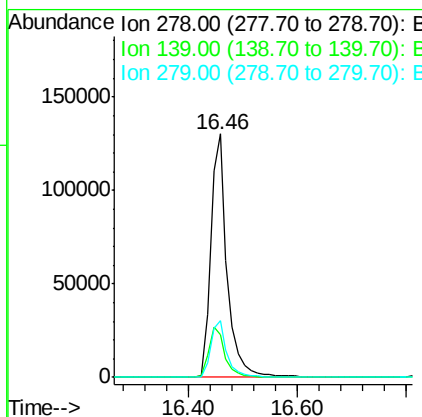
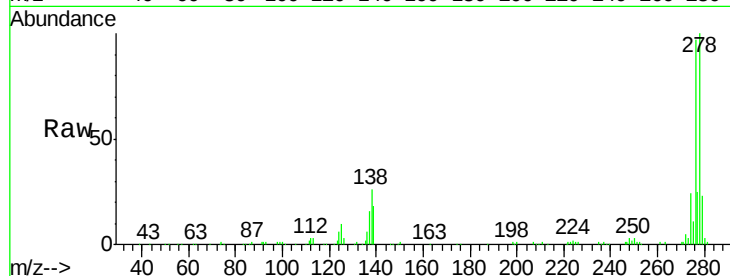
#90  
Dibenzo(a,h)anthracene  
Concen: 28.88 ng  
RT: 16.46 min Scan# 1301  
Delta R.T. 0.00 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB91509BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.7  | 15.7  | 23.5  |
| 279     | 23.2  | 19.4  | 29.2  |

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#91  
Benzo(g,h,i)perylene  
Concen: 29.04 ng  
RT: 16.82 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF088231.D  
Acq: 22 Jun 2016 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 18.9  | 28.3  |
| 138     | 29.4  | 21.4  | 32.2  |

