

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\  
 Data File : BF089691.D  
 Acq On : 9 Aug 2016 16:50  
 Operator : UM/SJ  
 Sample : PB92784BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB92784BS

Manual Integrations  
 APPROVED

sohil  
 8/10/2016 9:20:43 AM

Quant Time: Aug 10 08:13:35 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 01:39:23 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.42  | 152  | 45486    | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 9.44  | 136  | 202787   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 12.26 | 164  | 97964    | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 14.65 | 188  | 188159   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 18.37 | 240  | 150294   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 20.02 | 264  | 115621   | 20.00 | ng    | -0.02    |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.31  | 112 | 198596 | 73.18 | ng | 0.00  |
| 7) Phenol-d6                | 6.96  | 99  | 267650 | 72.70 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.33  | 82  | 269110 | 73.40 | ng | -0.03 |
| 41) 2,4,6-Tribromophenol    | 13.55 | 330 | 56156  | 69.46 | ng | -0.03 |
| 44) 2-Fluorobiphenyl        | 11.22 | 172 | 517738 | 68.69 | ng | -0.03 |
| 78) Terphenyl-d14           | 17.03 | 244 | 480237 | 63.08 | ng | -0.02 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 1.82  | 88  | 38160   | 24.53  | ng | # 74 |
| 3) Pyridine                    | 2.36  | 79  | 98864   | 34.58  | ng | 96   |
| 4) n-Nitrosodimethylamine      | 2.34  | 42  | 39483   | 33.65  | ng | 100  |
| 6) Aniline                     | 6.91  | 93  | 116511m | 24.42  | ng |      |
| 8) 2-Chlorophenol              | 7.08  | 128 | 130226  | 39.09  | ng | 95   |
| 9) Benzaldehyde                | 6.72  | 77  | 34893   | 26.12  | ng | 92   |
| 10) Phenol                     | 6.97  | 94  | 150524  | 39.82  | ng | 92   |
| 11) bis(2-Chloroethyl)ether    | 7.05  | 93  | 117527  | 36.19  | ng | 97   |
| 12) 1,3-Dichlorobenzene        | 7.31  | 146 | 127214  | 35.15  | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 7.44  | 146 | 126171  | 34.96  | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 7.67  | 146 | 128753  | 33.84  | ng | 100  |
| 15) Benzyl Alcohol             | 7.70  | 79  | 101112  | 41.89  | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.92  | 45  | 140626  | 34.01  | ng | 99   |
| 17) 2-Methylphenol             | 7.92  | 107 | 96556   | 40.13  | ng | 96   |
| 18) Hexachloroethane           | 8.19  | 117 | 52208   | 34.32  | ng | 100  |
| 19) n-Nitroso-di-n-propylamine | 8.14  | 70  | 95770   | 36.01  | ng | 98   |
| 20) 3+4-Methylphenols          | 8.18  | 107 | 121187  | 39.90  | ng | 99   |
| 22) Acetophenone               | 8.10  | 105 | 147239  | 30.46  | ng | # 99 |
| 24) Nitrobenzene               | 8.35  | 77  | 126053  | 36.20  | ng | 98   |
| 25) Isophorone                 | 8.75  | 82  | 255928  | 36.46  | ng | 99   |
| 26) 2-Nitrophenol              | 8.87  | 139 | 59666   | 37.34  | ng | 90   |
| 27) 2,4-Dimethylphenol         | 9.00  | 122 | 110428  | 38.43  | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 9.14  | 93  | 154924  | 36.48  | ng | 99   |
| 29) 2,4-Dichlorophenol         | 9.28  | 162 | 98060   | 36.07  | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 9.37  | 180 | 106225  | 34.21  | ng | 97   |
| 31) Naphthalene                | 9.47  | 128 | 376970  | 34.97  | ng | 99   |
| 32) Benzoic acid               | 9.31  | 122 | 44980   | 24.92  | ng | 96   |
| 33) 4-Chloroaniline            | 9.63  | 127 | 59618   | 14.73  | ng | 97   |
| 34) Hexachlorobutadiene        | 9.69  | 225 | 57544   | 32.18  | ng | 99   |
| 35) Caprolactam                | 10.24 | 113 | 31012m  | 39.14  | ng |      |
| 36) 4-Chloro-3-methylphenol    | 10.48 | 107 | 119669  | 37.87  | ng | 98   |
| 37) 2-Methylnaphthalene        | 10.59 | 142 | 231329  | 34.90  | ng | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.88 | 216 | 92464   | 25.11  | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 10.86 | 237 | 73551   | 60.24  | ng | 99   |

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Manual Integrations  
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Quant Time: Aug 10 08:13:35 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 01:39:23 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.10 | 196  | 64012    | 35.25 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 11.18 | 196  | 78450    | 40.42 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 11.37 | 154  | 265350   | 30.04 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 11.38 | 162  | 232353   | 35.08 | ng    | 95       |
| 47) 2-Nitroaniline             | 11.59 | 65   | 73054    | 34.22 | ng    | 99       |
| 48) Acenaphthylene             | 12.03 | 152  | 373957   | 34.27 | ng    | 99       |
| 49) Dimethylphthalate          | 11.93 | 163  | 282864   | 36.84 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 12.01 | 165  | 60440    | 39.59 | ng    | 97       |
| 51) Acenaphthene               | 12.32 | 154  | 219797   | 34.88 | ng    | 99       |
| 52) 3-Nitroaniline             | 12.27 | 138  | 38445    | 21.05 | ng    | # 93     |
| 53) 2,4-Dinitrophenol          | 12.48 | 184  | 40710    | 65.39 | ng    | 98       |
| 54) Dibenzofuran               | 12.61 | 168  | 333466   | 38.49 | ng    | 99       |
| 55) 4-Nitrophenol              | 12.65 | 139  | 71042    | 72.77 | ng    | # 74     |
| 56) 2,4-Dinitrotoluene         | 12.66 | 165  | 83480    | 38.88 | ng    | # 87     |
| 57) Fluorene                   | 13.15 | 166  | 264653   | 35.74 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.83 | 232  | 58615    | 39.78 | ng    | 99       |
| 59) Diethylphthalate           | 13.07 | 149  | 290954   | 36.64 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 13.19 | 204  | 120817   | 35.58 | ng    | 95       |
| 61) 4-Nitroaniline             | 13.28 | 138  | 55392    | 33.74 | ng    | 98       |
| 62) Azobenzene                 | 13.44 | 77   | 311204   | 40.52 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 13.33 | 198  | 38784    | 35.28 | ng    | 89       |
| 65) n-Nitrosodiphenylamine     | 13.39 | 169  | 230443   | 36.26 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 13.97 | 248  | 66887    | 36.75 | ng    | # 84     |
| 67) Hexachlorobenzene          | 14.03 | 284  | 67265    | 33.60 | ng    | 92       |
| 68) Atrazine                   | 14.32 | 200  | 73956    | 41.68 | ng    | 99       |
| 69) Pentachlorophenol          | 14.39 | 266  | 58002    | 68.30 | ng    | 98       |
| 70) Phenanthrene               | 14.70 | 178  | 380723   | 37.21 | ng    | 99       |
| 71) Anthracene                 | 14.78 | 178  | 404056   | 36.84 | ng    | 100      |
| 72) Carbazole                  | 15.07 | 167  | 360635   | 39.45 | ng    | 99       |
| 73) Di-n-butylphthalate        | 15.67 | 149  | 460434   | 37.24 | ng    | 100      |
| 74) Fluoranthene               | 16.46 | 202  | 392770   | 37.34 | ng    | 98       |
| 76) Benzidine                  | 16.70 | 184  | 127650   | 28.02 | ng    | 99       |
| 77) Pyrene                     | 16.77 | 202  | 409347   | 30.81 | ng    | 99       |
| 79) Butylbenzylphthalate       | 17.69 | 149  | 194358   | 34.37 | ng    | # 84     |
| 80) Benzo(a)anthracene         | 18.35 | 228  | 321144   | 37.19 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 18.34 | 252  | 65001    | 23.89 | ng    | 98       |
| 82) Chrysene                   | 18.40 | 228  | 319906   | 35.31 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 18.45 | 149  | 281287   | 35.93 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 19.21 | 149  | 462044   | 41.01 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.20 | 276  | 235224   | 34.19 | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 19.62 | 252  | 271960   | 38.24 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 19.65 | 252  | 268602m  | 37.44 | ng    |          |
| 89) Benzo(a)pyrene             | 19.97 | 252  | 243020   | 36.50 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 21.20 | 278  | 194638   | 31.29 | ng    | # 95     |
| 91) Benzo(g,h,i)perylene       | 21.53 | 276  | 196188   | 30.81 | ng    | # 93     |

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

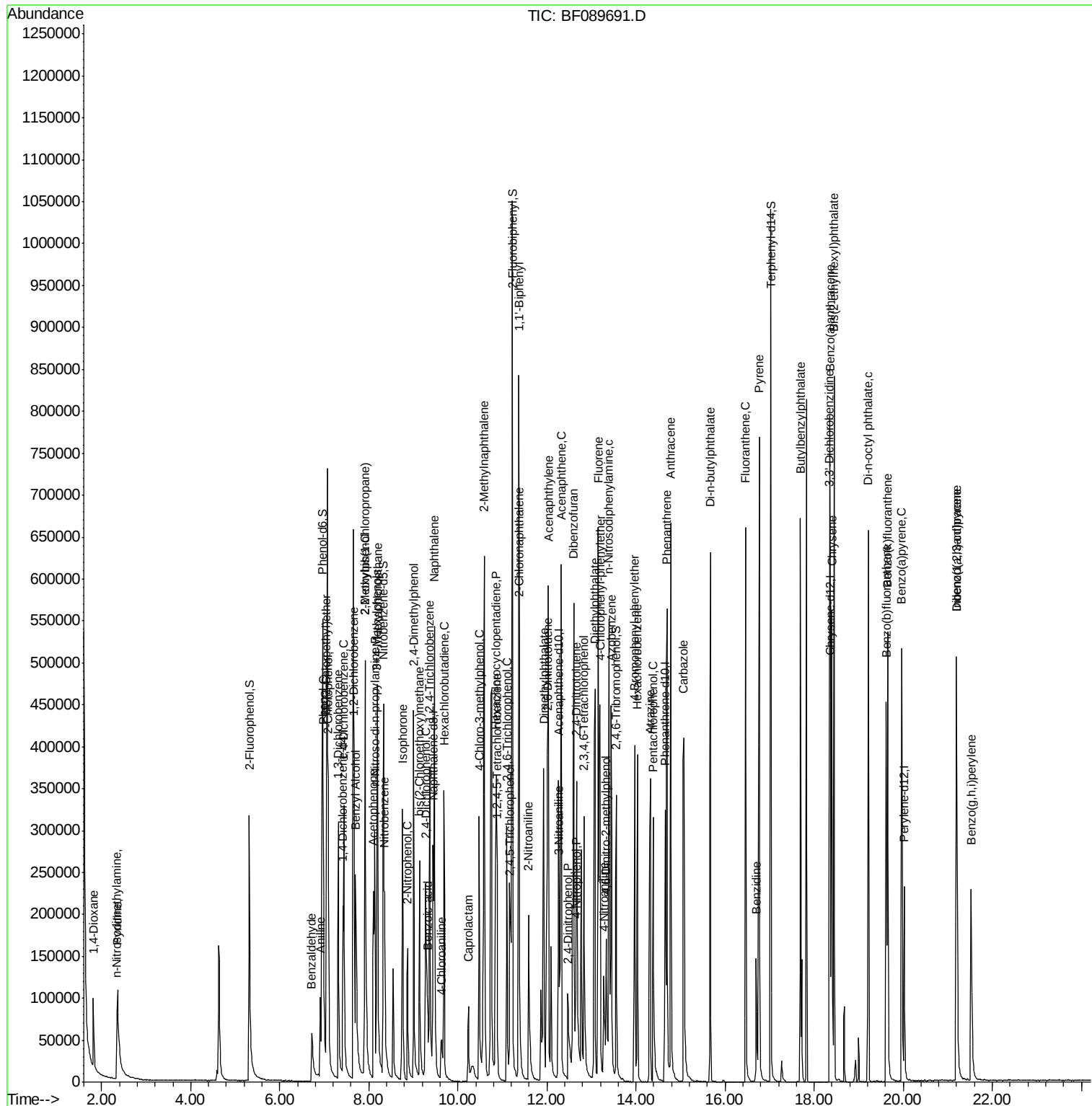
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\  
Data File : BF089691.D  
Acq On : 9 Aug 2016 16:50  
Operator : UM/SJ  
Sample : PB92784BS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

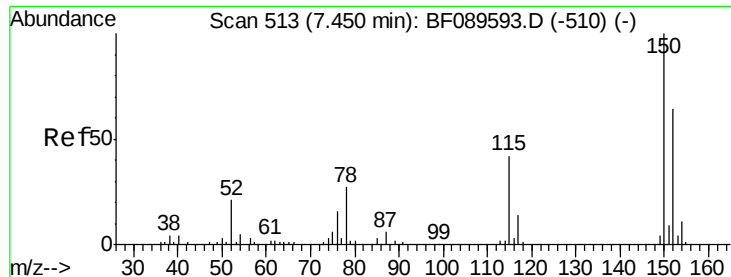
Instrument :  
BNA\_F  
ClientSampleID :  
PB92784BS

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Quant Time: Aug 10 08:13:35 2016  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 05 01:39:23 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

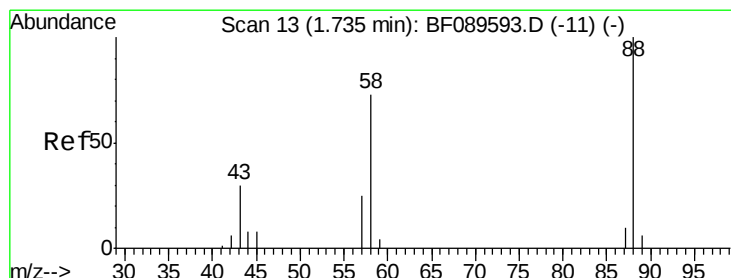
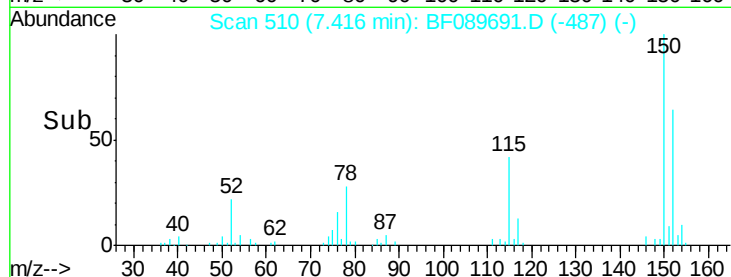
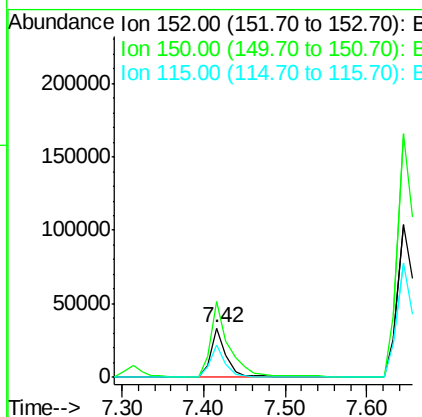
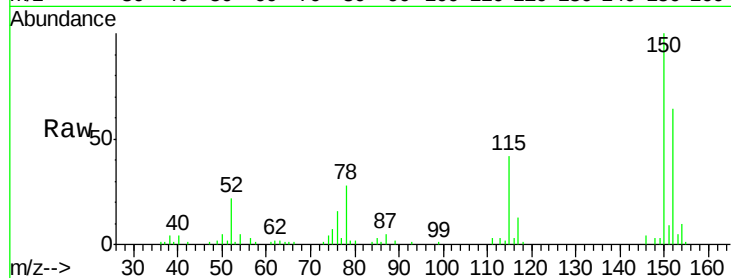
ClientSampleId :

PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.5 | 125.5 | 188.3 |
| 115     | 65.4  | 52.0  | 78.0  |

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#2

1,4-Dioxane

Concen: 24.53 ng

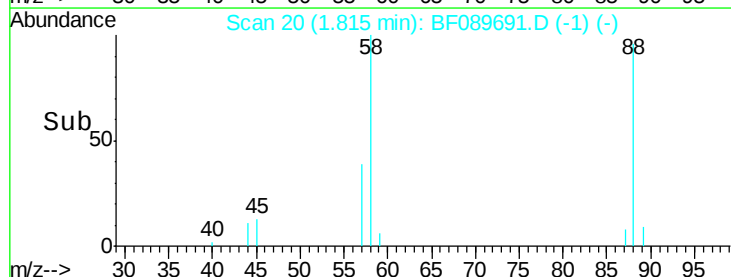
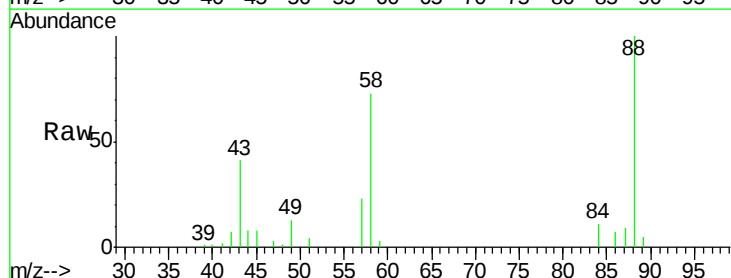
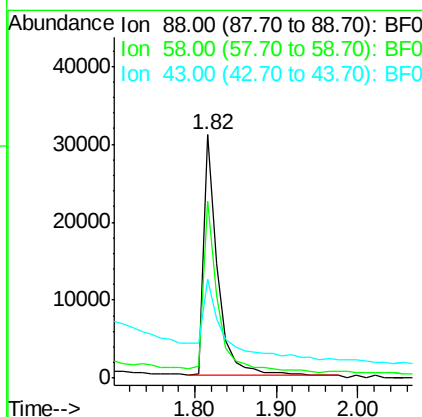
RT: 1.82 min Scan# 20

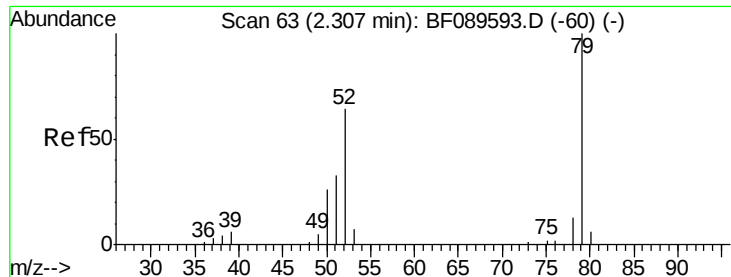
Delta R.T. 0.08 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 72.5  | 49.8  | 74.8  |
| 43      | 53.5  | 20.1  | 30.1  |





#3

Pvridine

Concen: 34.58 ng

RT: 2.36 min Scan# 68

Delta R.T. 0.06 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

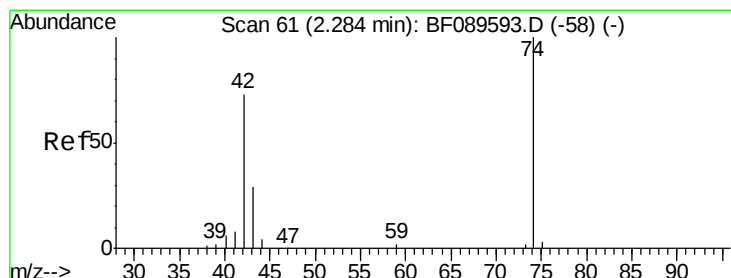
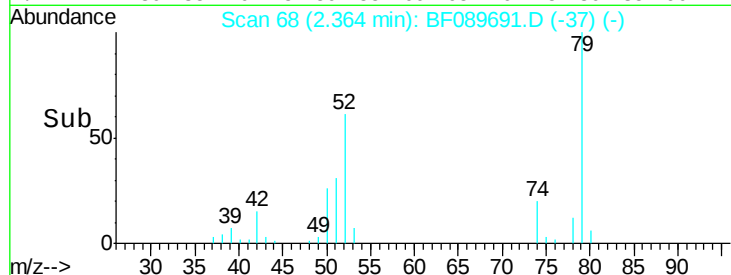
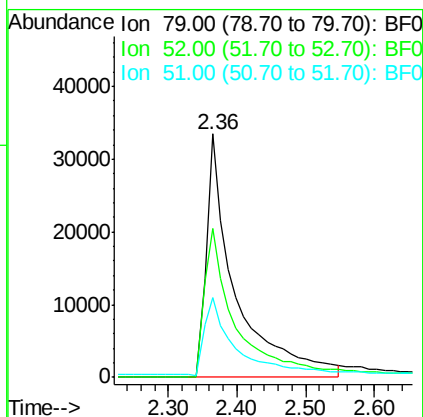
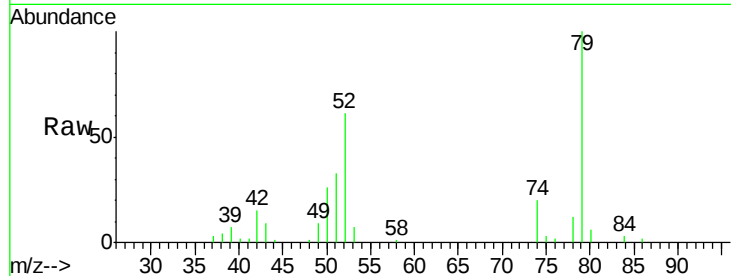
ClientSampleId :

PB92784BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 98864 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 61.0  | 51.0  | 76.4  |
| 51       | 32.8  | 27.9  | 41.9  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 33.65 ng

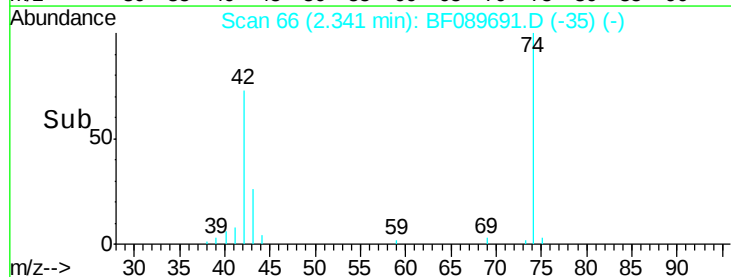
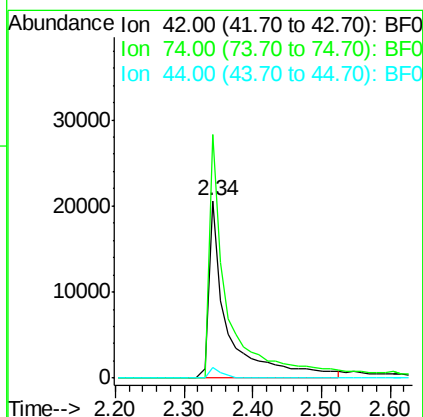
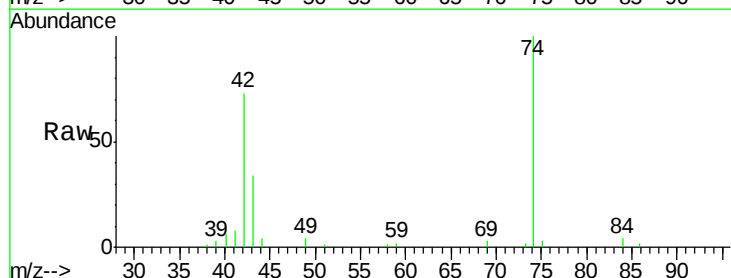
RT: 2.34 min Scan# 66

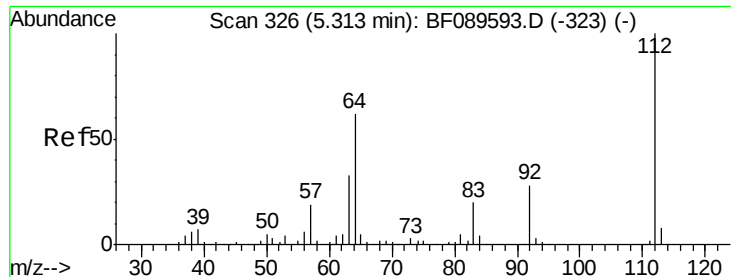
Delta R.T. 0.06 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 39483 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 137.1 | 110.0 | 165.0 |
| 44       | 6.1   | 4.8   | 7.2   |





#5

2-Fluorophenol

Concen: 73.18 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

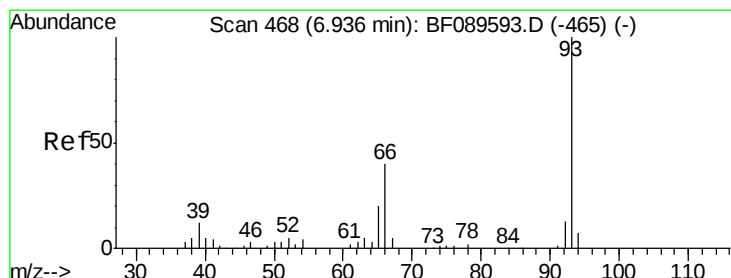
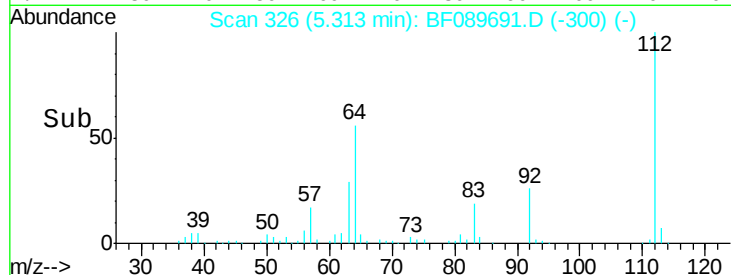
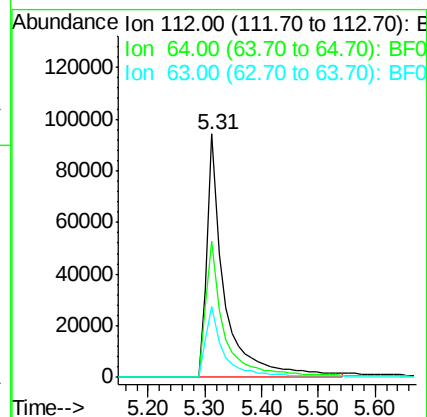
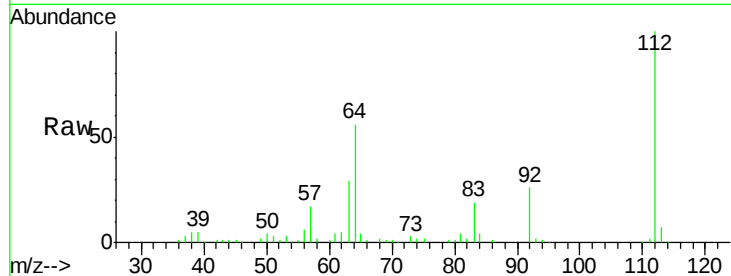
ClientSampleId :

PB92784BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 198596 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 55.8  | 49.9  | 74.9   |
| 63        | 29.1  | 26.1  | 39.1   |

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#6

Aniline

Concen: 24.42 ng m

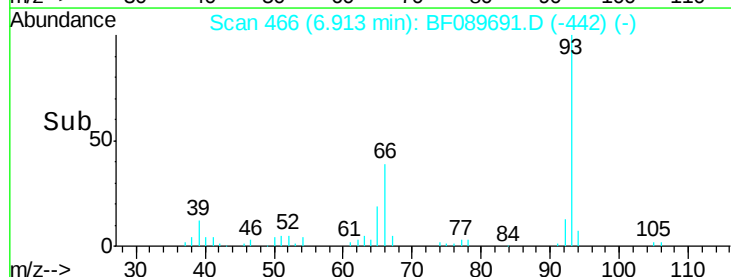
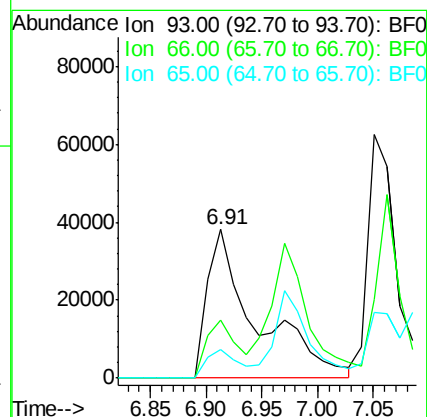
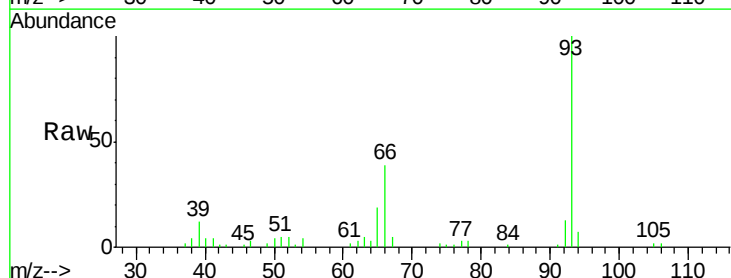
RT: 6.91 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 116511 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 38.7  | 32.2  | 48.2   |
| 65        | 19.4  | 15.8  | 23.8   |





#7

Phenol-d6

Concen: 72.70 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

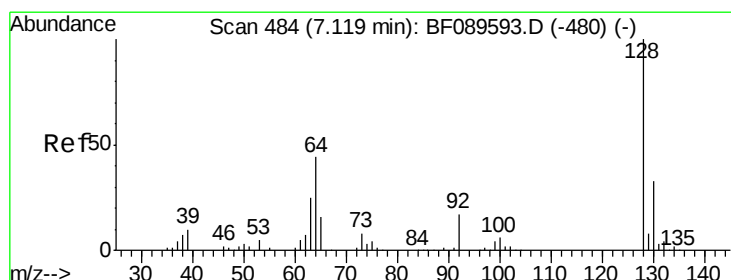
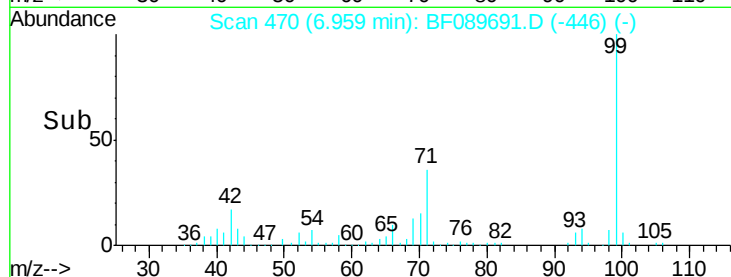
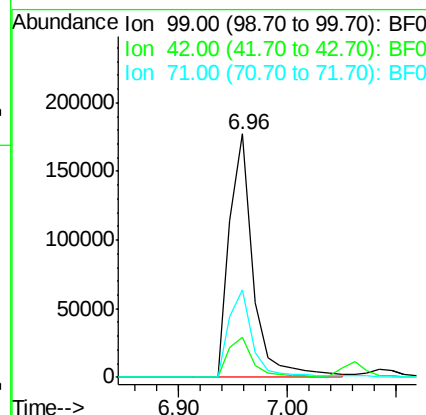
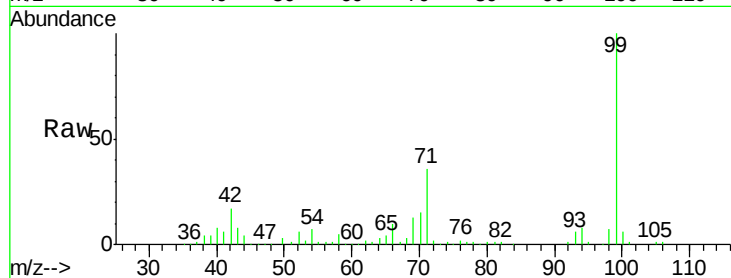
ClientSampleId :

PB92784BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 267650 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.5  | 13.7  | 20.5   |
| 71        | 35.8  | 29.0  | 43.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 39.09 ng

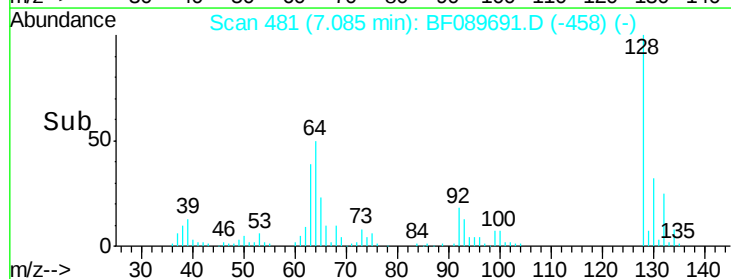
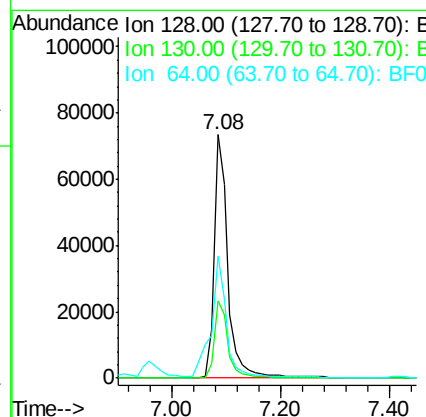
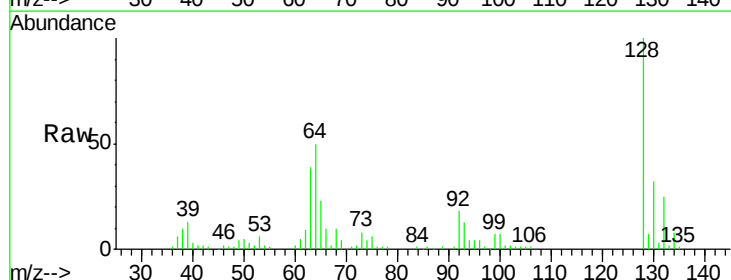
RT: 7.08 min Scan# 481

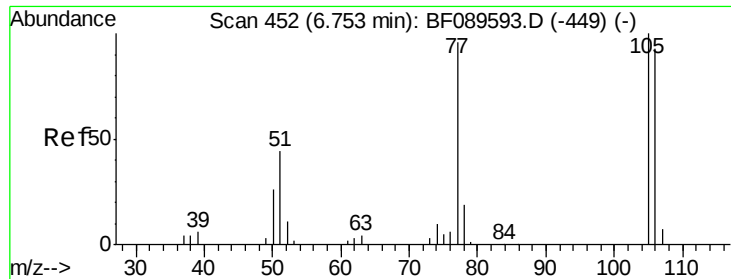
Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 130226 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.6  | 12.6  | 52.6   |
| 64        | 50.1  | 25.3  | 65.3   |





#9

Benzaldehyde

Concen: 26.12 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

PB92784BS

Tot Ion: 77 Resp: 34893

Ion Ratio Lower Upper

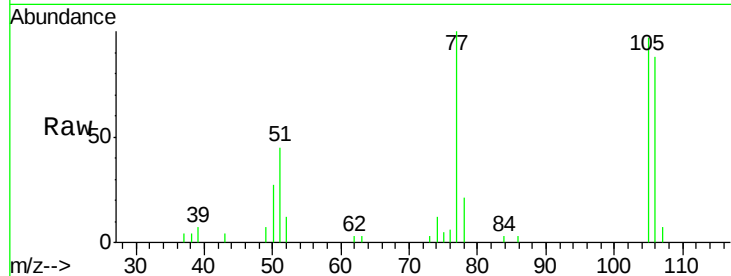
77 100

105 97.2 84.7 124.7

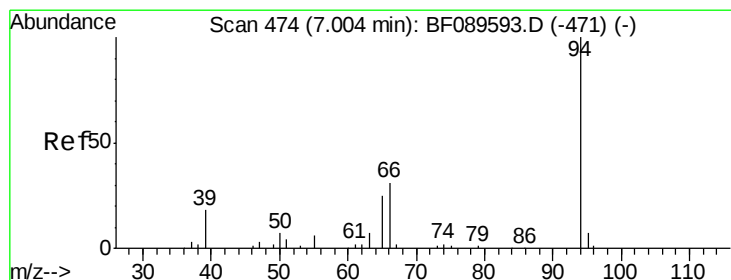
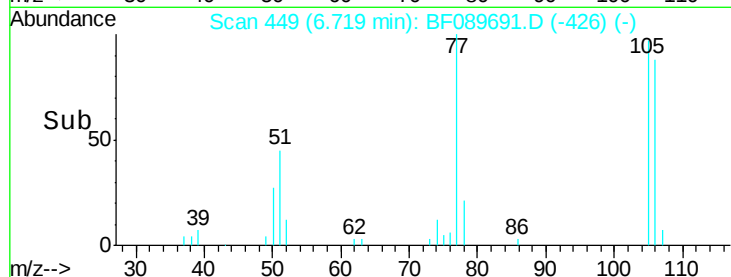
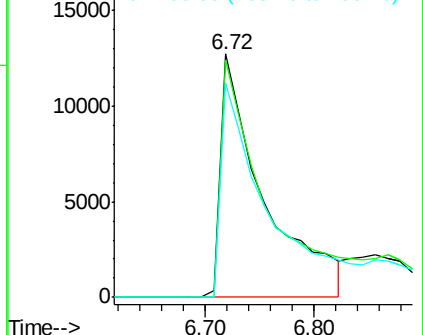
106 88.2 77.1 117.1

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Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): BF0  
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.82 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

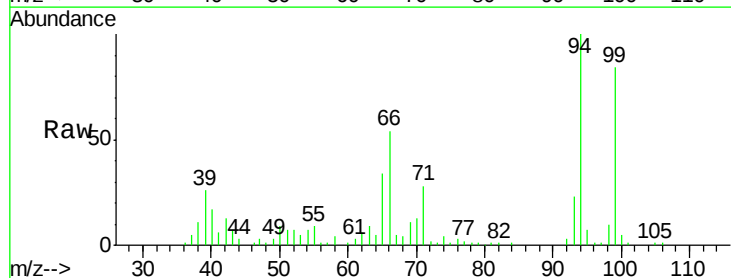
Tgt Ion: 94 Resp: 150524

Ion Ratio Lower Upper

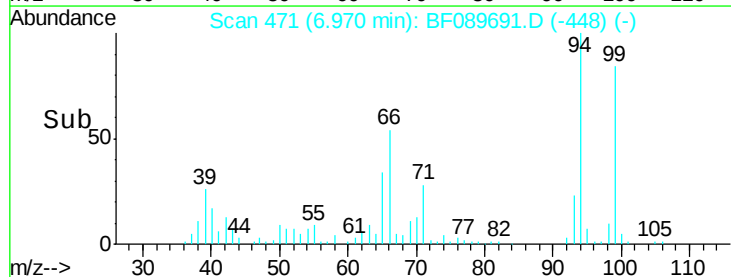
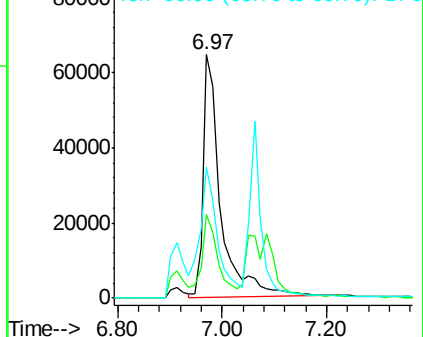
94 100

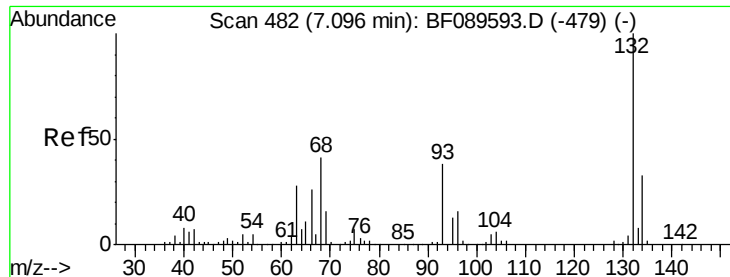
65 34.4 11.0 51.0

66 53.6 27.4 67.4



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0





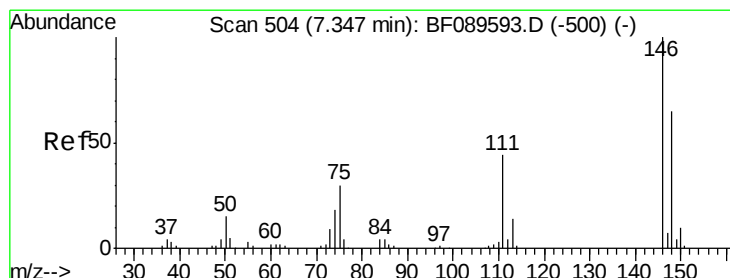
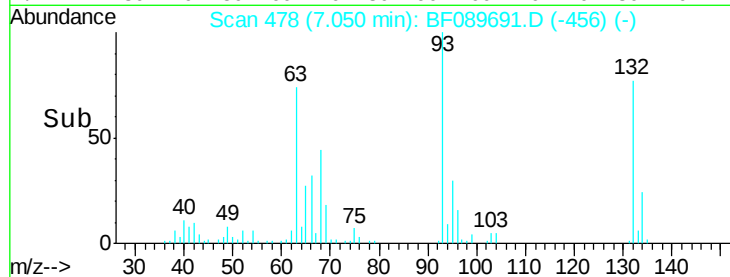
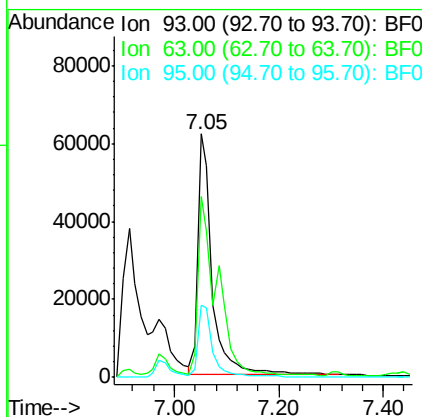
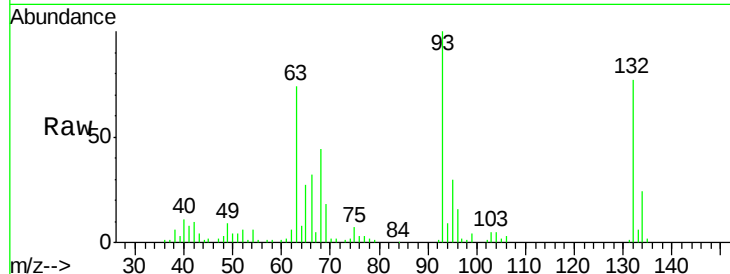
#11  
bis(2-Chloroethyl)ether  
Concen: 36.19 ng  
RT: 7.05 min Scan# 478  
Delta R.T. -0.04 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 63      | 74.1  | 52.2 | 92.2  |       |
| 95      | 29.7  | 13.1 | 53.1  |       |

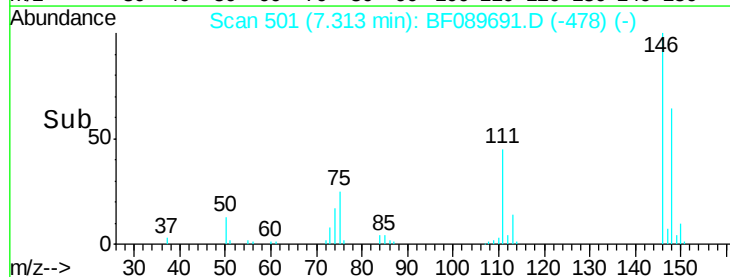
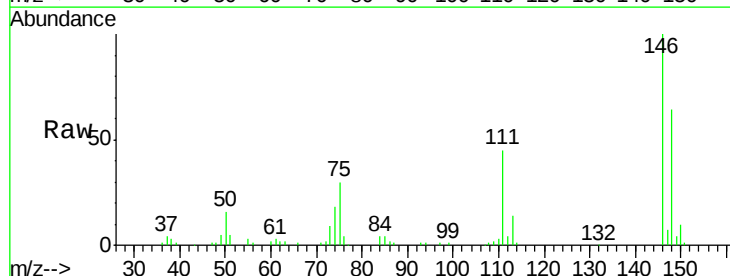
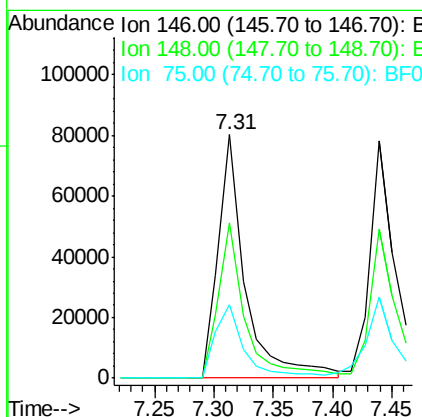
Manual Integrations  
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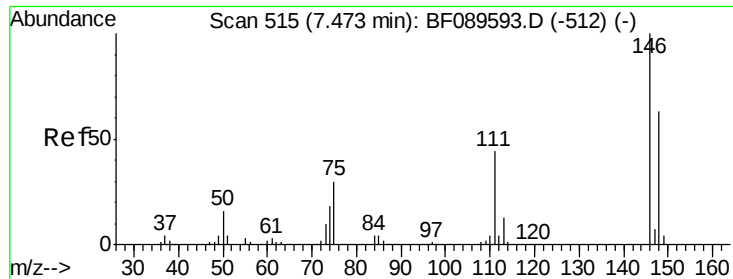
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#12  
1,3-Dichlorobenzene  
Concen: 35.15 ng  
RT: 7.31 min Scan# 501  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 64.0  | 52.1 | 78.1  |       |
| 75      | 30.3  | 24.1 | 36.1  |       |





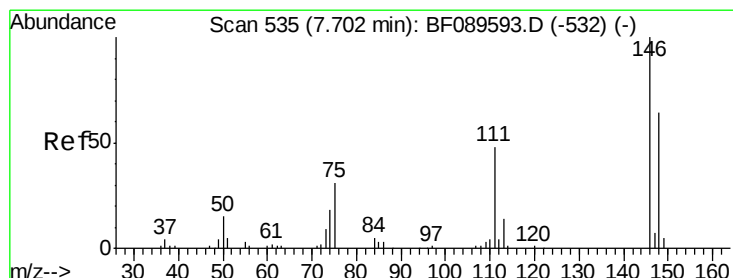
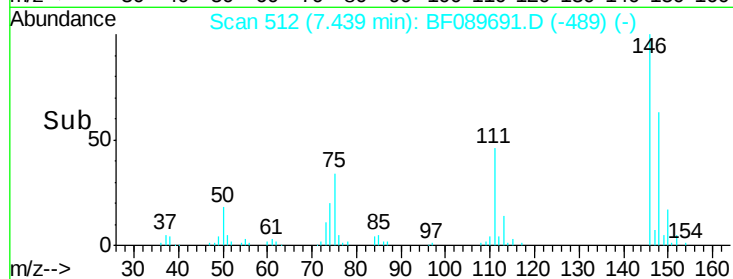
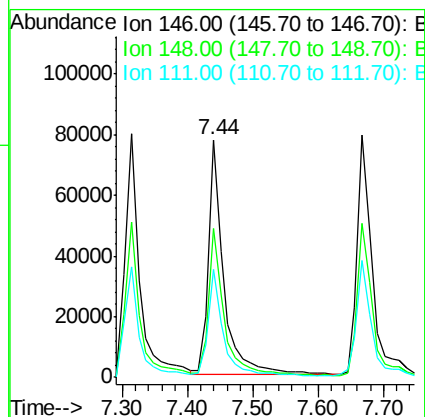
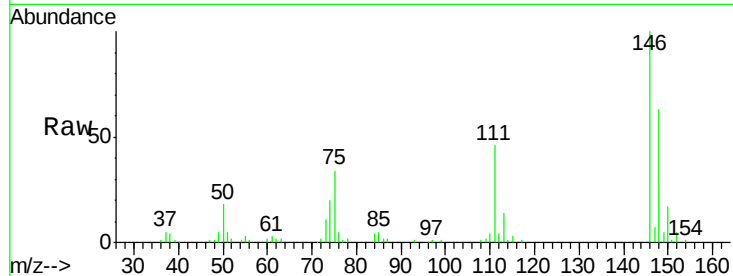
#13  
 1,4-Dichlorobenzene  
 Concen: 34.96 ng  
 RT: 7.44 min Scan# 512  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 50.4  | 75.6  |
| 111     | 45.6  | 35.0  | 52.4  |

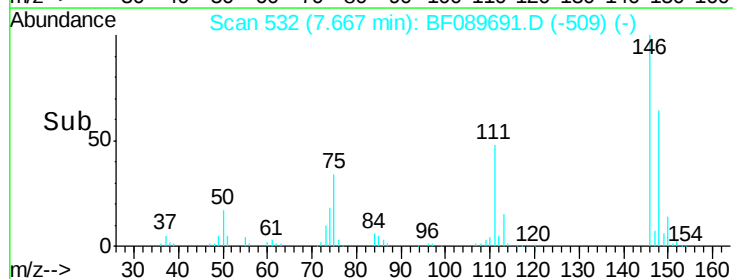
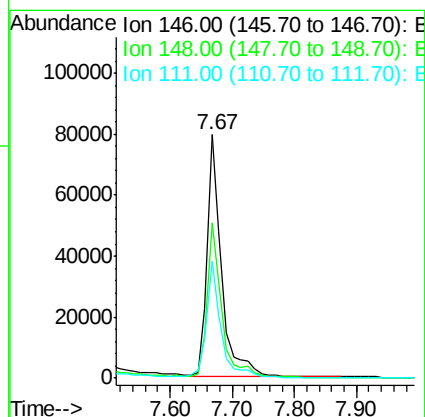
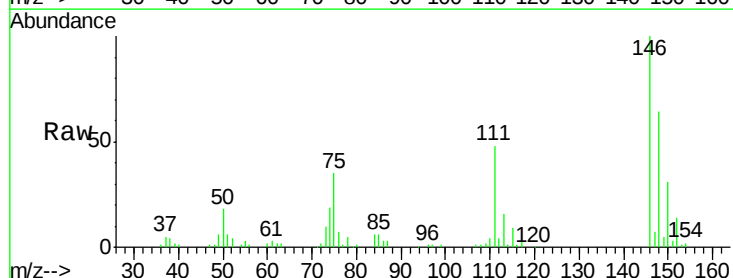
Manual Integrations  
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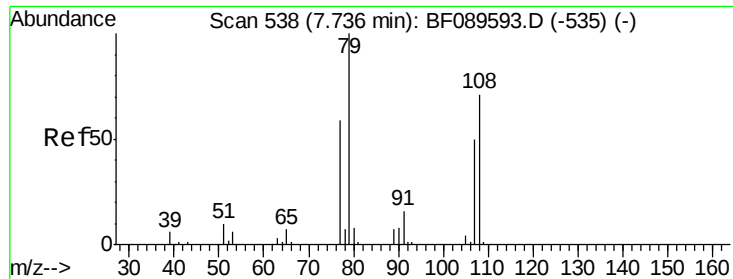
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#14  
 1,2-Dichlorobenzene  
 Concen: 33.84 ng  
 RT: 7.67 min Scan# 532  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.0  | 76.6  |
| 111     | 48.1  | 38.5  | 57.7  |





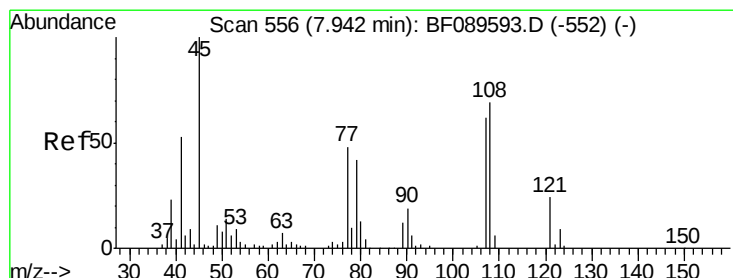
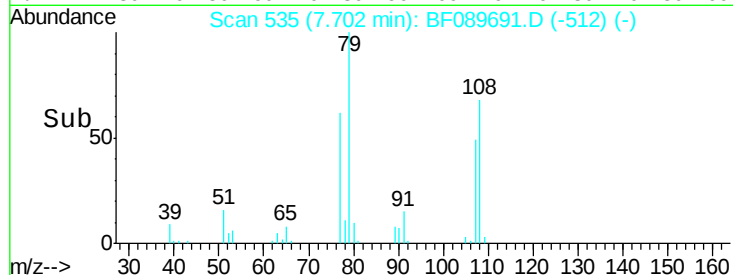
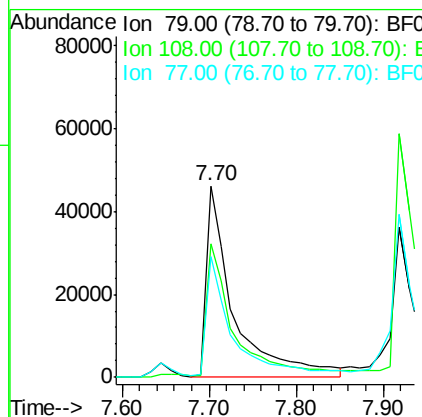
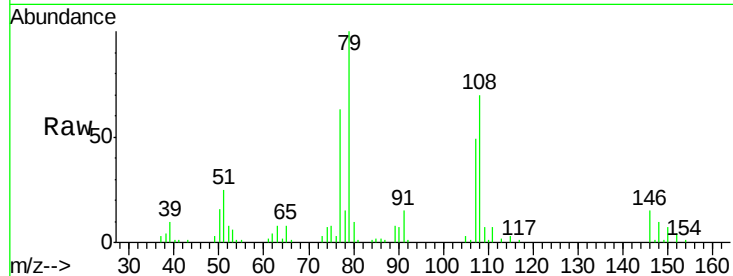
#15  
Benzyl Alcohol  
Concen: 41.89 ng  
RT: 7.70 min Scan# 535  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 101112 |       |       |
| 108     | 69.8  | 58.3   | 87.5  |       |
| 77      | 63.1  | 48.7   | 73.1  |       |

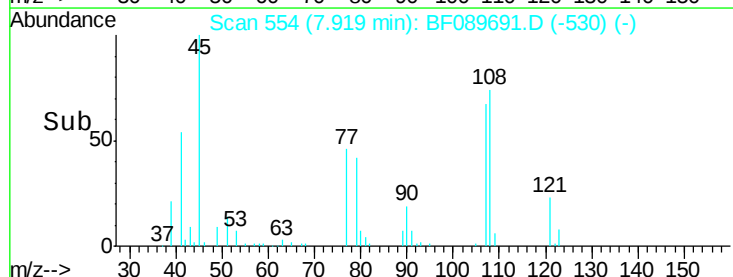
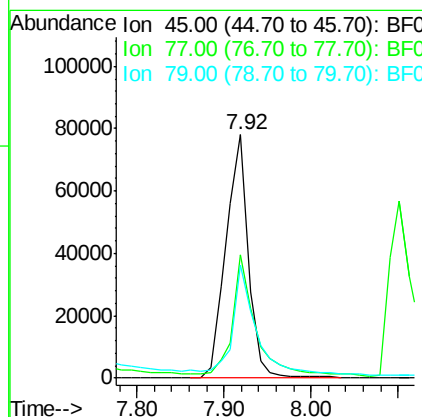
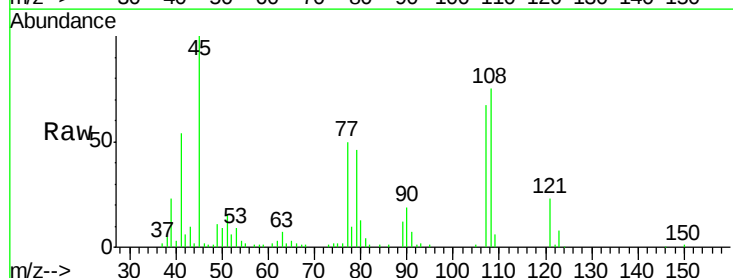
Manual Integrations  
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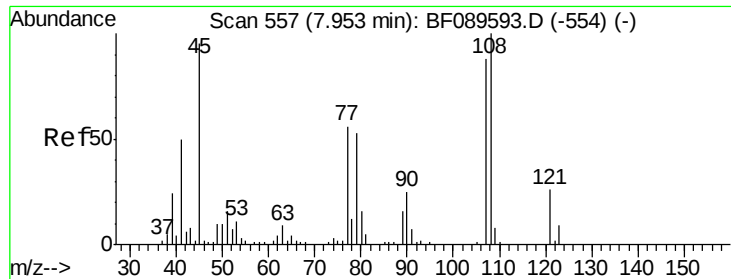
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.01 ng  
RT: 7.92 min Scan# 554  
Delta R.T. -0.02 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 140626 |       |       |
| 77      | 50.5  | 30.1   | 70.1  |       |
| 79      | 46.4  | 25.5   | 65.5  |       |





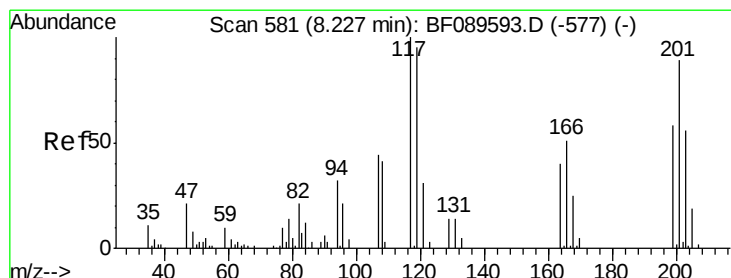
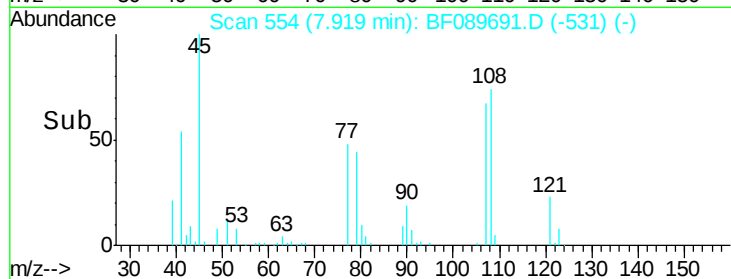
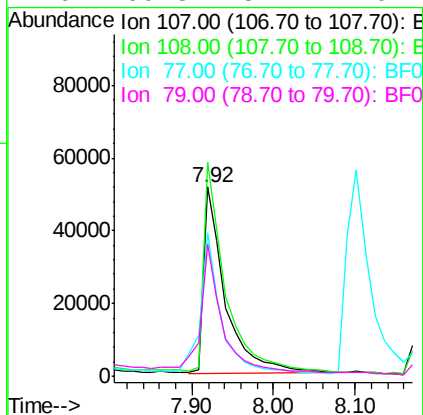
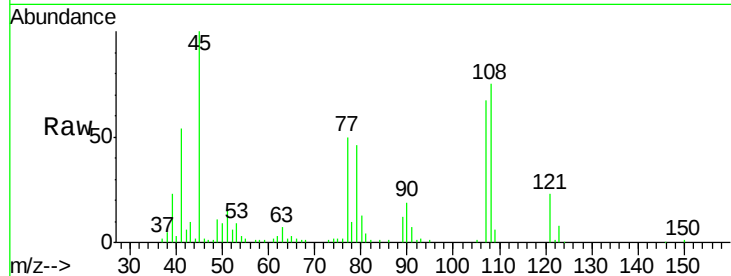
#17  
2-Methylphenol  
Concen: 40.13 ng  
RT: 7.92 min Scan# 554  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampled :  
PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.0 | 91.2  | 136.8 |
| 77      | 75.8  | 54.6  | 82.0  |
| 79      | 69.8  | 52.7  | 79.1  |

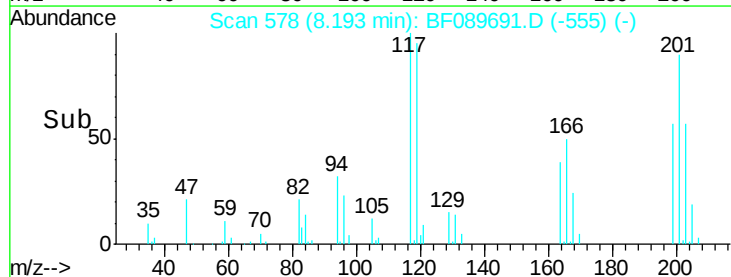
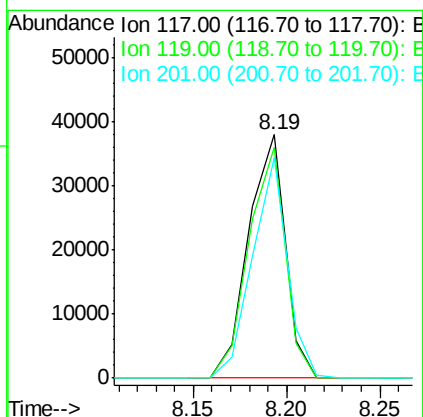
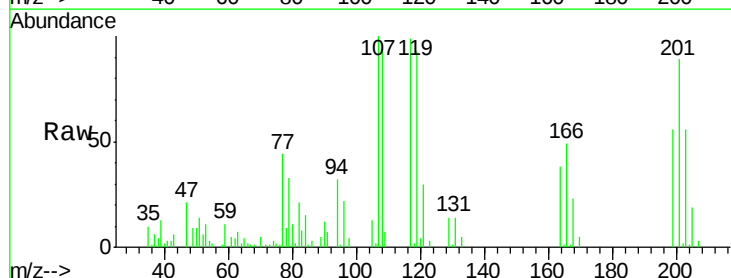
Manual Integrations  
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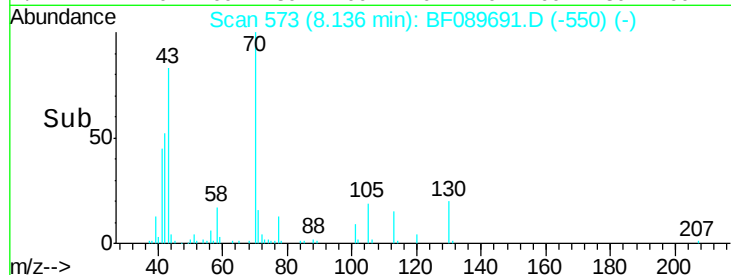
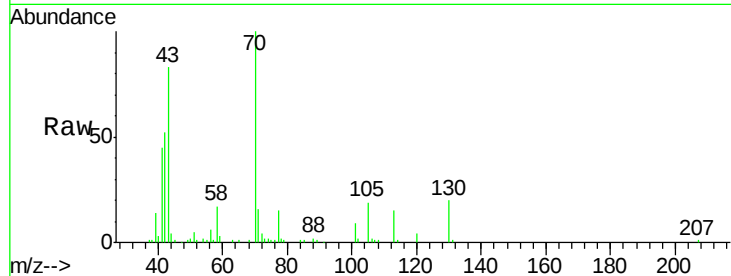
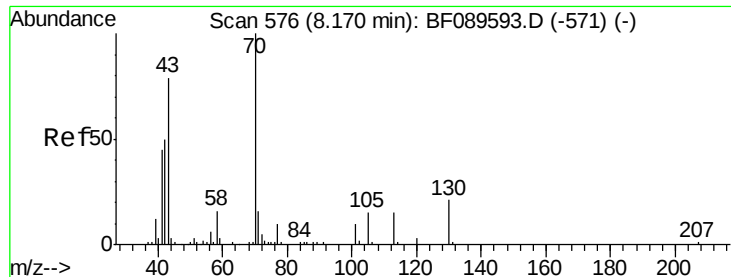
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#18  
Hexachloroethane  
Concen: 34.32 ng  
RT: 8.19 min Scan# 578  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.7  | 75.7  | 113.5 |
| 201     | 90.4  | 71.6  | 107.4 |





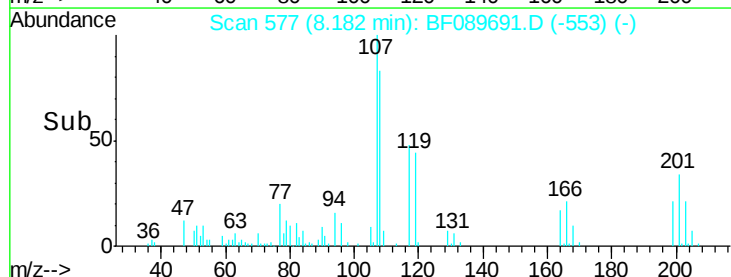
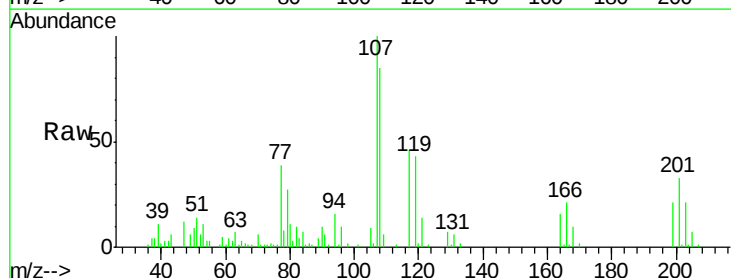
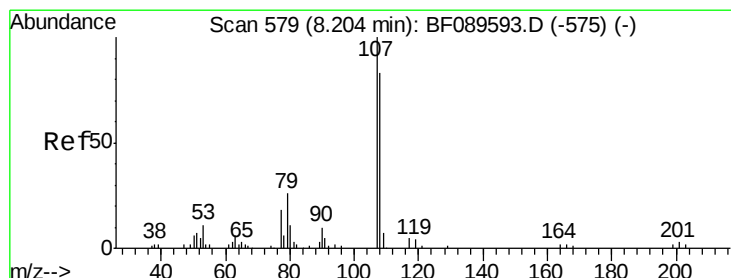
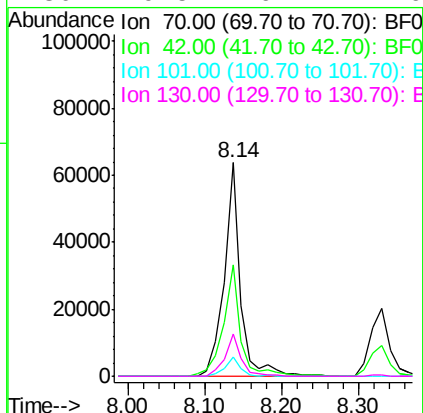
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.01 ng  
RT: 8.14 min Scan# 573  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 52.0  | 40.2  | 60.2  |
| 101     | 9.2   | 7.8   | 11.6  |
| 130     | 19.5  | 16.4  | 24.6  |

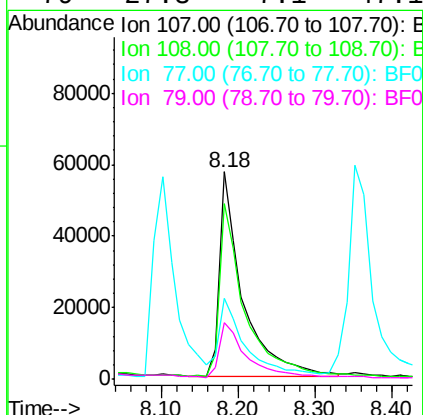
Manual Integrations  
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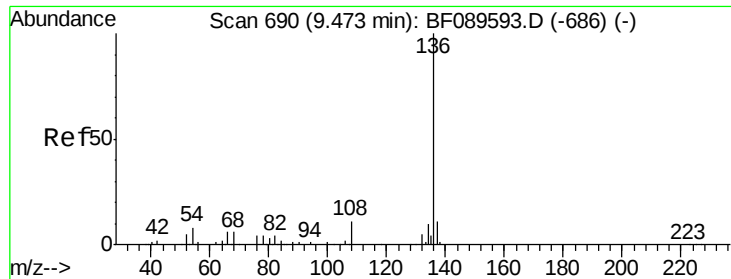
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#20  
3+4-Methylphenols  
Concen: 39.90 ng  
RT: 8.18 min Scan# 577  
Delta R.T. -0.02 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.0  | 63.8  | 103.8 |
| 77      | 38.8  | 19.5  | 59.5  |
| 79      | 27.3  | 7.1   | 47.1  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

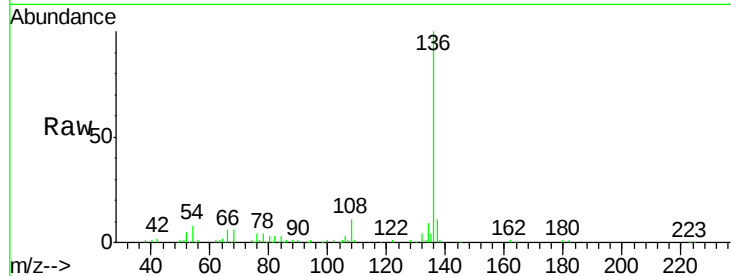
ClientSampleId :

PB92784BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 202787 |       |       |
| 137     | 11.0  | 8.6    | 12.8  |       |
| 54      | 8.0   | 6.0    | 9.0   |       |
| 68      | 6.1   | 4.6    | 6.8   |       |

Manual Integrations  
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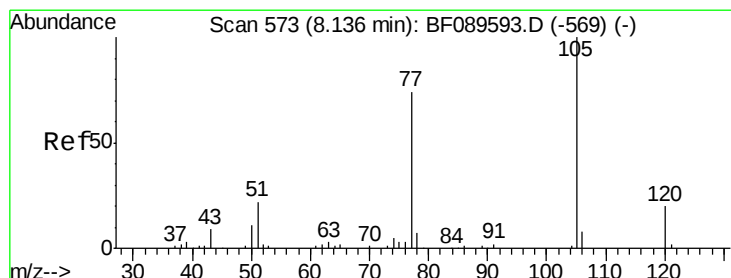
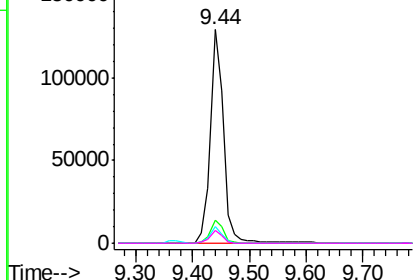
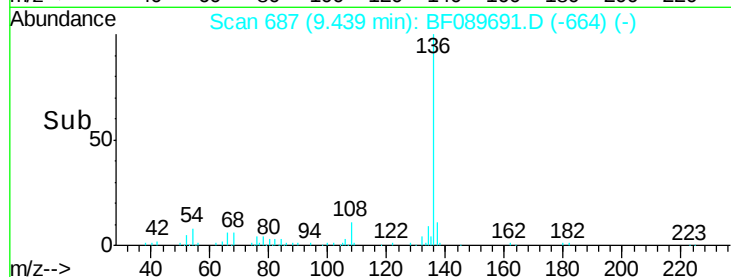


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 30.46 ng

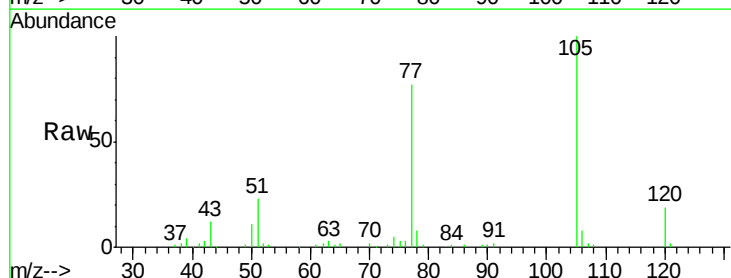
RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 147239 |       |       |
| 71      | 0.4   | 0.0    | 0.0#  |       |
| 51      | 23.5  | 18.2   | 27.2  |       |
| 120     | 19.2  | 15.7   | 23.5  |       |

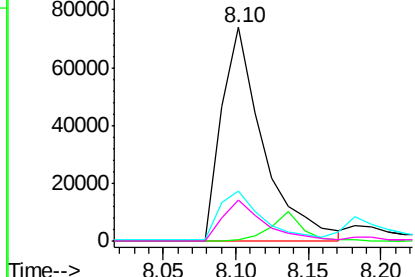
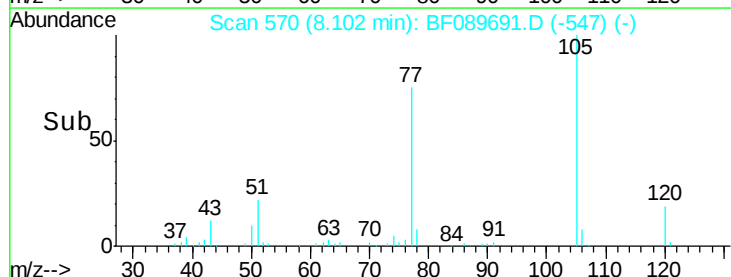


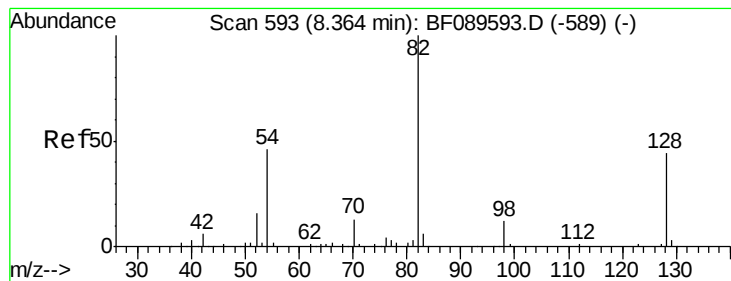
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.40 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

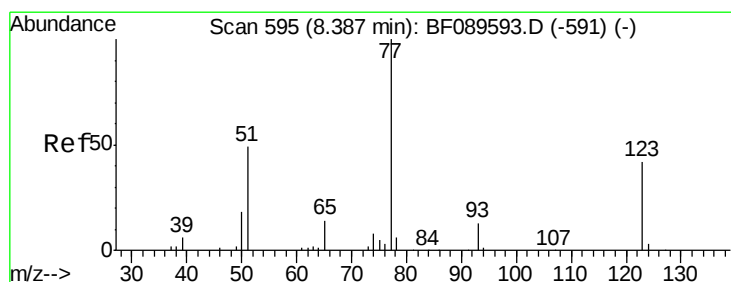
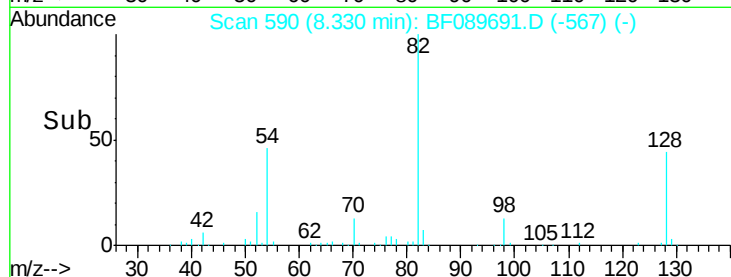
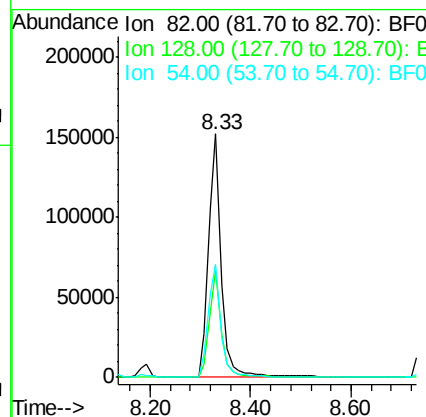
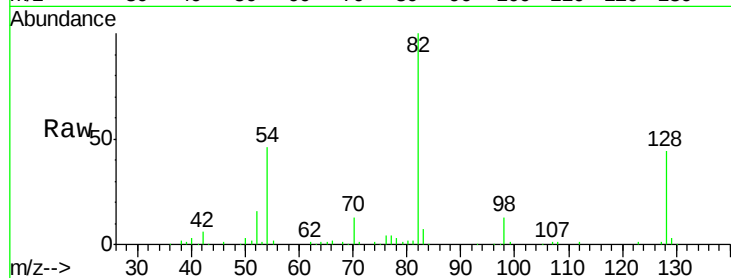
ClientSampled :

PB92784BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 269110 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 128       | 43.8 | 35.4  | 53.0   |
| 54        | 46.4 | 36.4  | 54.6   |

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#24

Nitrobenzene

Concen: 36.20 ng

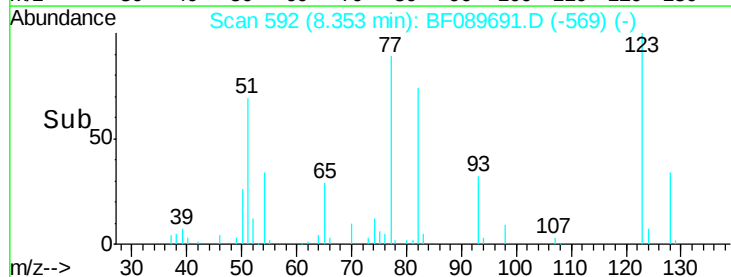
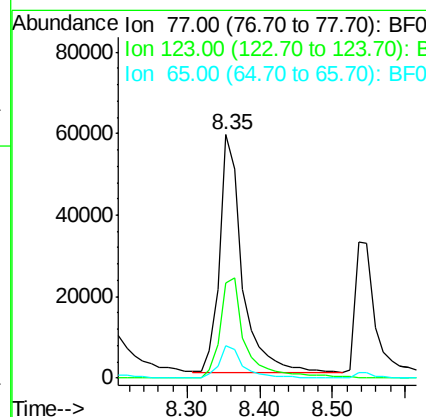
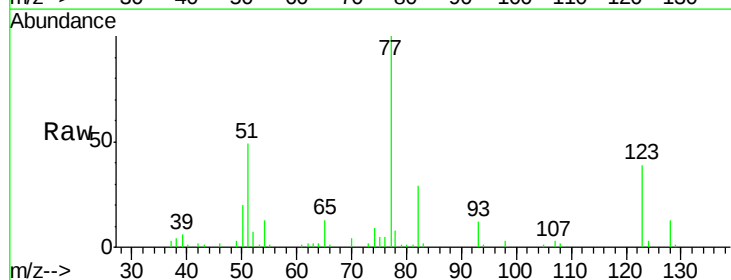
RT: 8.35 min Scan# 592

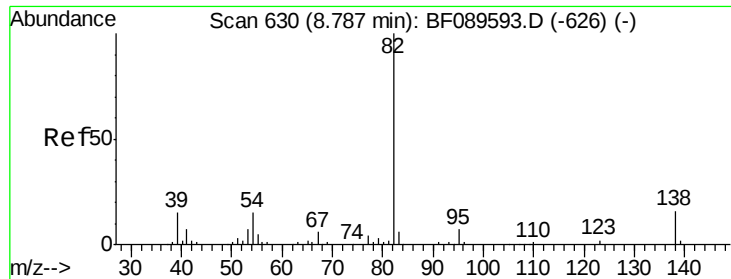
Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 77   | Resp: | 126053 |
| Ion Ratio |      | Lower | Upper  |
| 77        | 100  |       |        |
| 123       | 39.3 | 32.6  | 49.0   |
| 65        | 13.3 | 11.0  | 16.6   |





#25

Isophorone

Concen: 36.46 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 255928 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.4   | 5.8   | 8.8    |
| 138       | 16.3  | 12.6  | 18.8   |

Instrument :

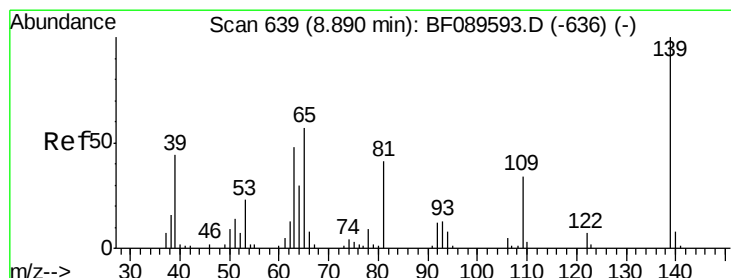
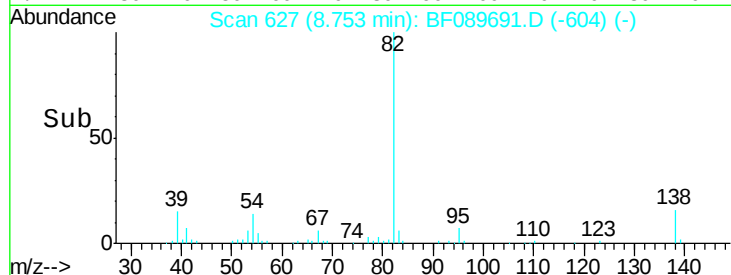
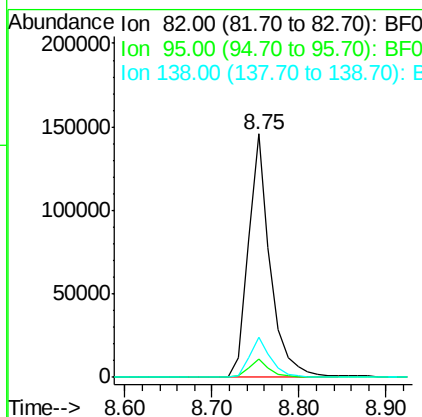
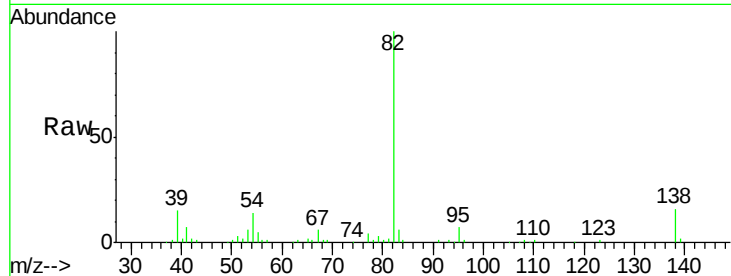
BNA\_F

ClientSampleId :

PB92784BS

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#26

2-Nitrophenol

Concen: 37.34 ng

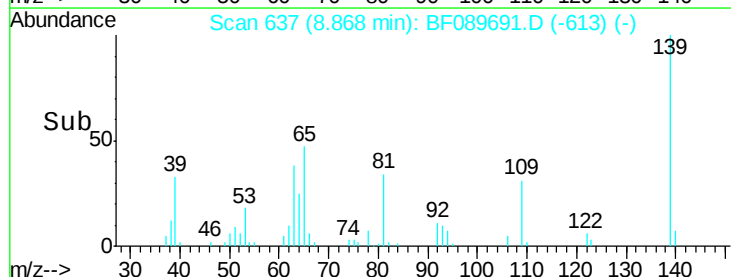
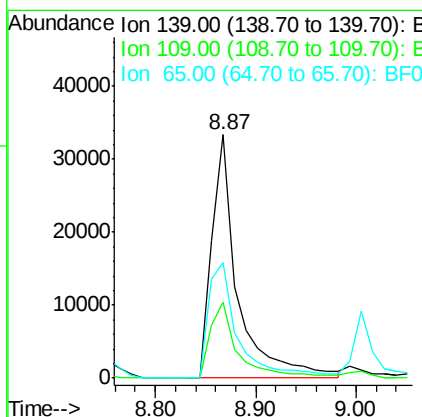
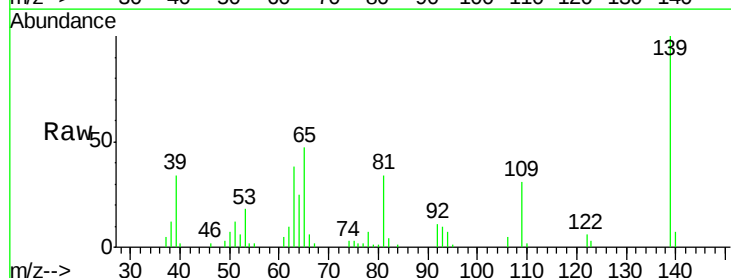
RT: 8.87 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 59666 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 31.1  | 27.5  | 41.3  |
| 65        | 47.3  | 45.7  | 68.5  |





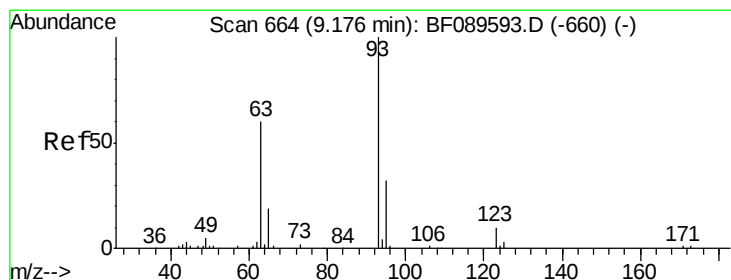
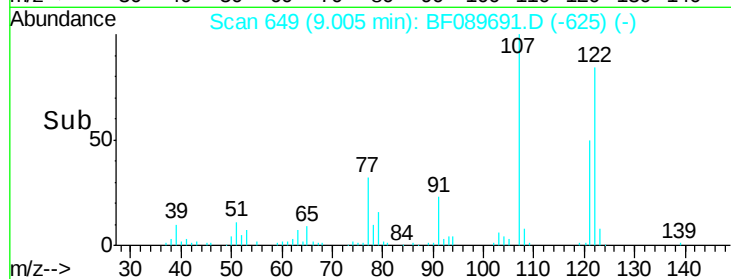
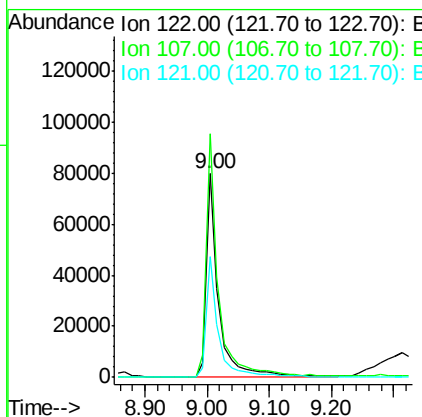
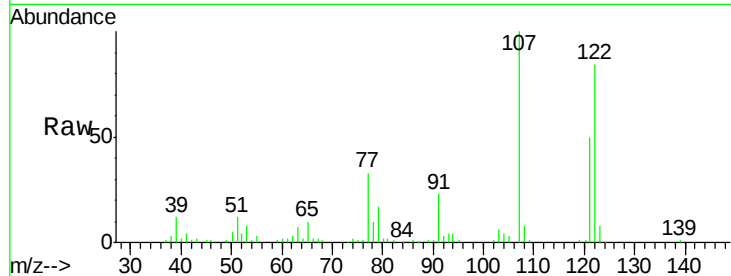
#27  
 2,4-Dimethylphenol  
 Concen: 38.43 ng  
 RT: 9.00 min Scan# 649  
 Delta R.T. -0.02 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92784BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 110428 |       |       |
| 107     | 119.4 | 99.5   | 149.3 |       |
| 121     | 59.3  | 48.5   | 72.7  |       |

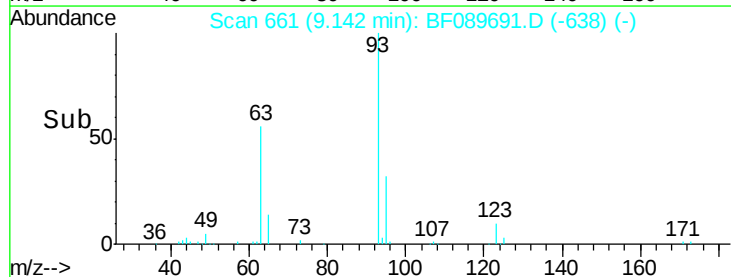
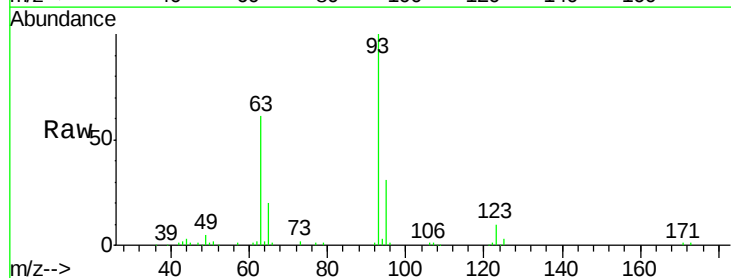
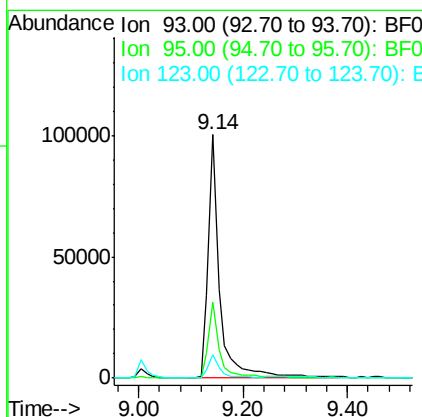
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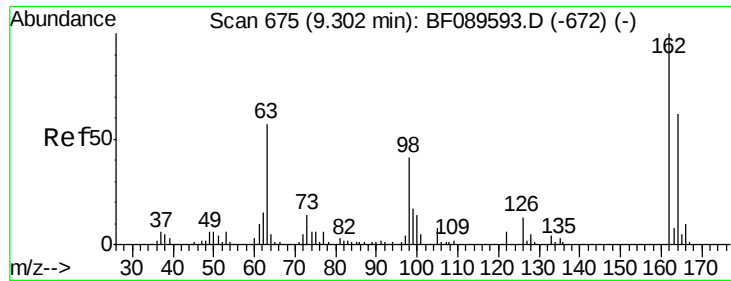
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.48 ng  
 RT: 9.14 min Scan# 661  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 154924 |       |       |
| 95      | 31.3  | 25.8   | 38.8  |       |
| 123     | 9.9   | 8.0    | 12.0  |       |





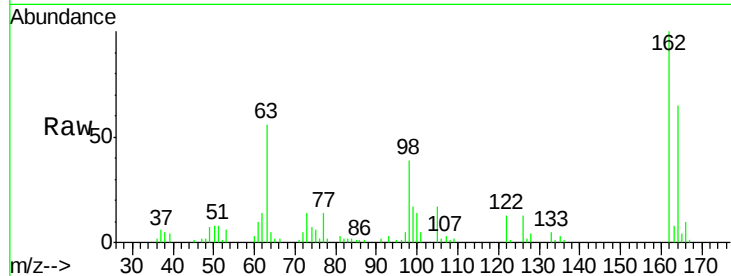
#29  
 2,4-Dichlorophenol  
 Concen: 36.07 ng  
 RT: 9.28 min Scan# 673  
 Delta R.T. -0.02 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92784BS

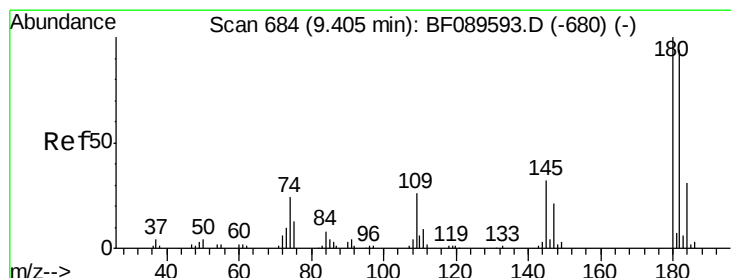
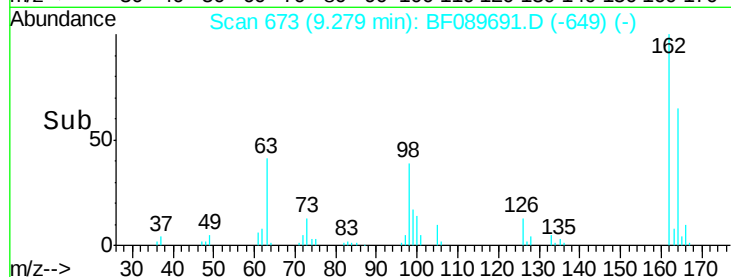
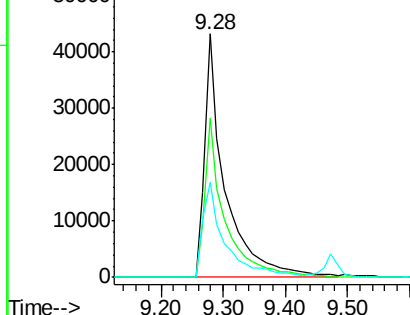
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 98060 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 65.3  | 42.3  | 82.3  |
| 98        | 39.2  | 21.2  | 61.2  |

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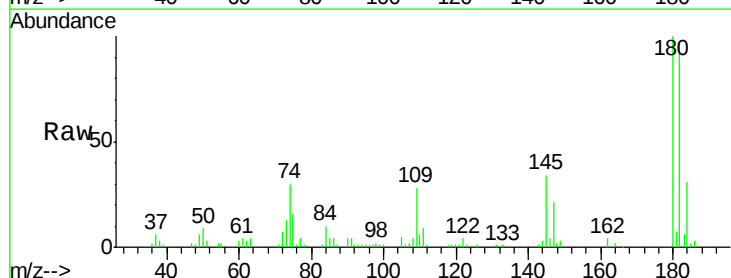


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

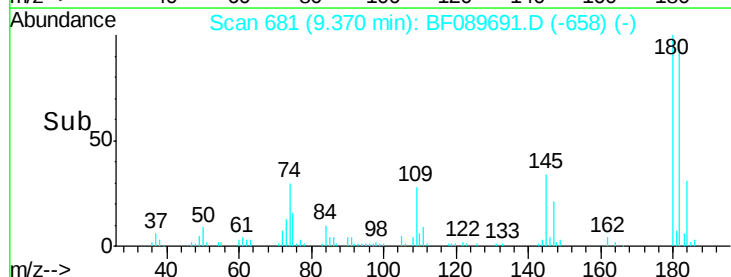
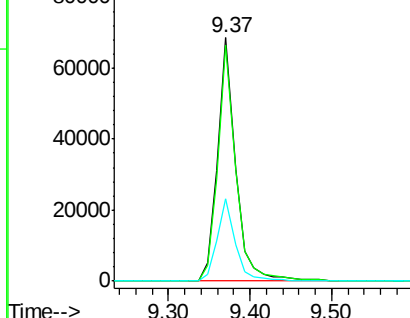


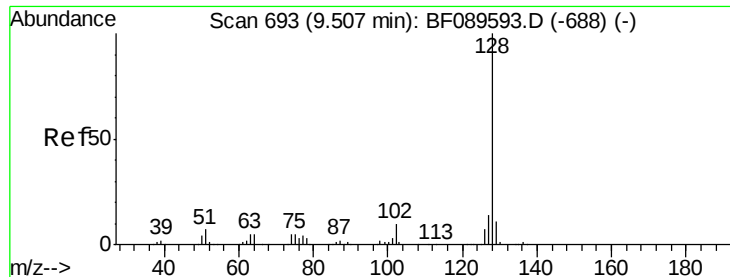
#30  
 1,2,4-Trichlorobenzene  
 Concen: 34.21 ng  
 RT: 9.37 min Scan# 681  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 106225 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.9  | 75.0  | 112.6  |
| 145       | 33.7  | 25.6  | 38.4   |



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





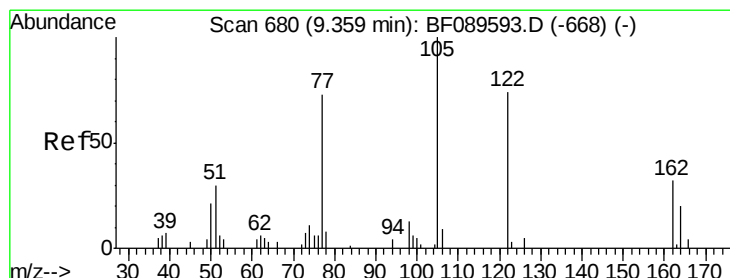
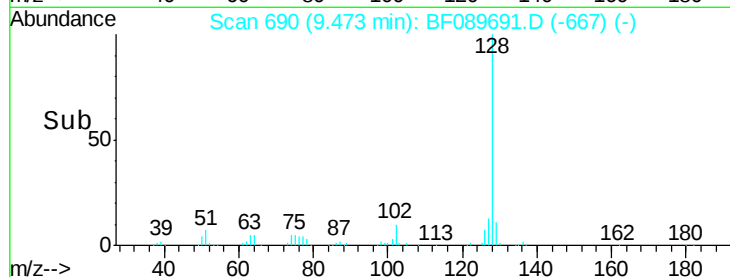
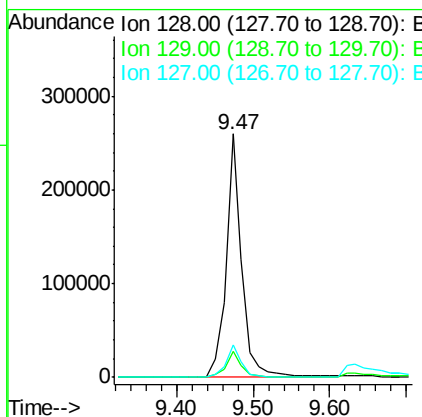
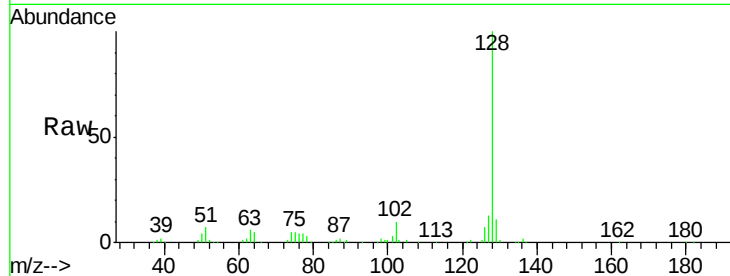
#31  
Naphthalene  
Concen: 34.97 ng  
RT: 9.47 min Scan# 690  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 376970 |       |       |
| 129     | 10.8  |        | 8.7   | 13.1  |
| 127     | 13.1  |        | 10.9  | 16.3  |

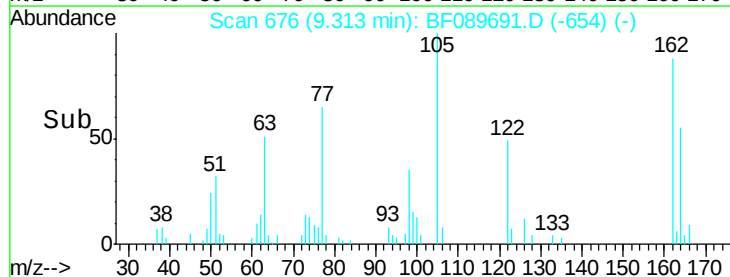
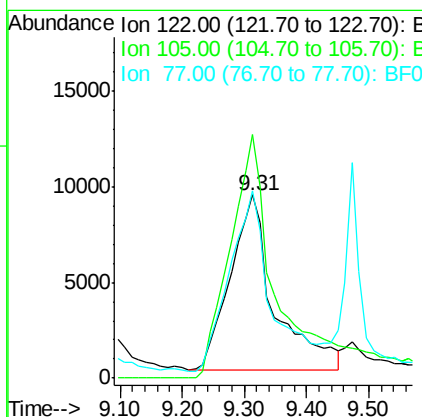
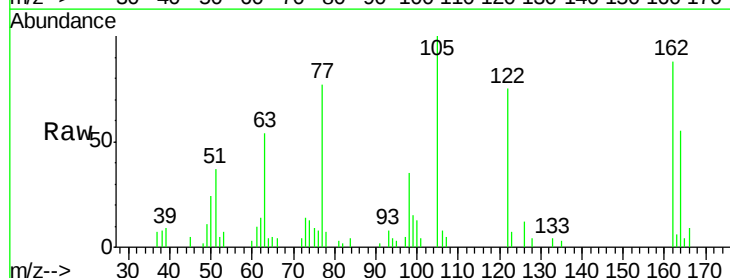
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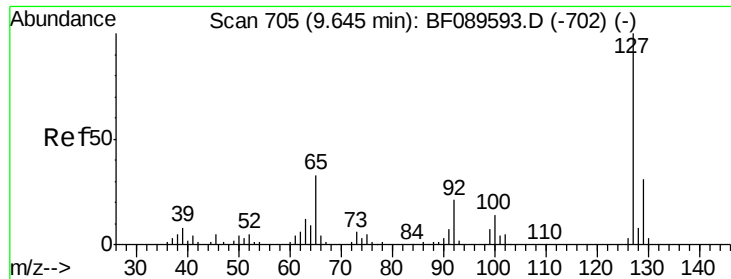
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#32  
Benzoic acid  
Concen: 24.92 ng  
RT: 9.31 min Scan# 676  
Delta R.T. -0.05 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 44980 |       |       |
| 105     | 133.1 |       | 109.9 | 149.9 |
| 77      | 102.1 |       | 77.5  | 117.5 |





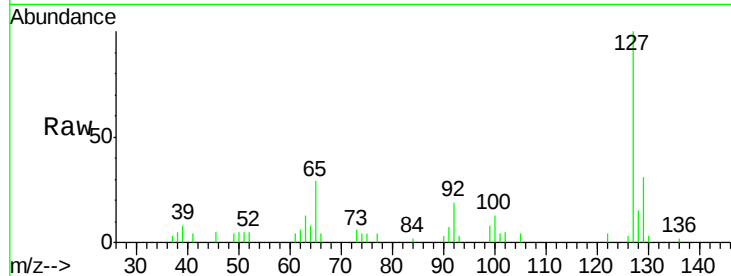
#33  
4-Chloroaniline  
Concen: 14.73 ng  
RT: 9.63 min Scan# 704  
Delta R.T. -0.01 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampled :  
PB92784BS

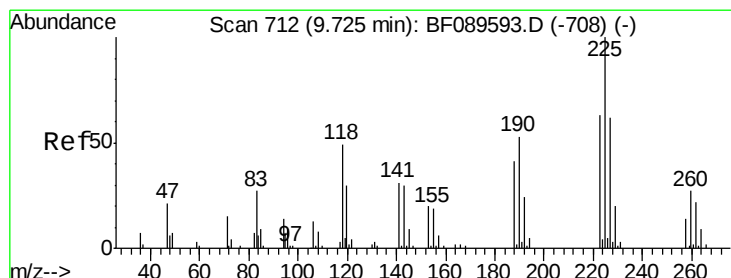
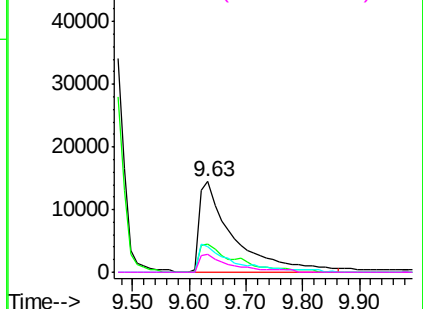
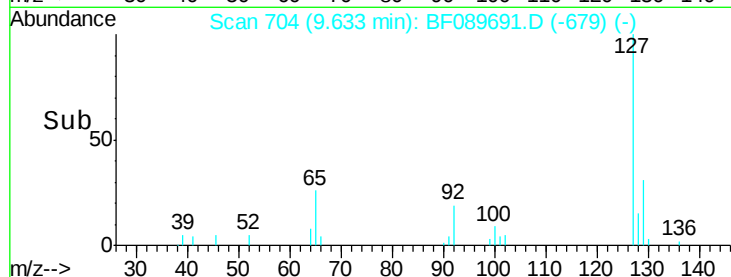
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 59618 |       |       |
| 129     | 31.3 | 25.1  | 37.7  |       |       |
| 65      | 29.0 | 26.2  | 39.2  |       |       |
| 92      | 19.4 | 16.9  | 25.3  |       |       |

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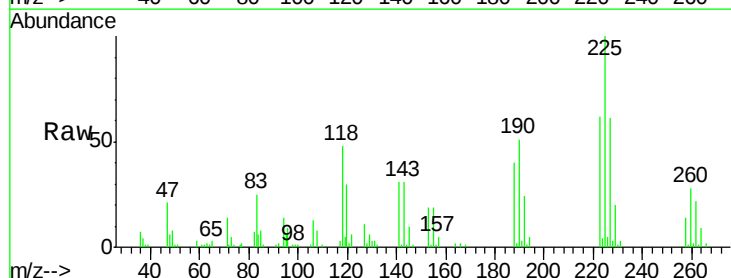


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

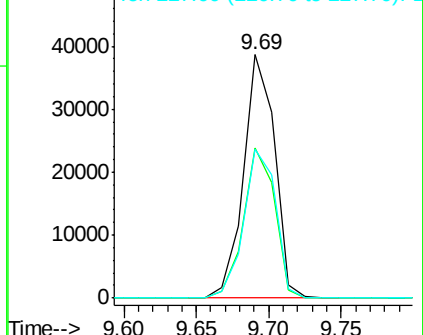
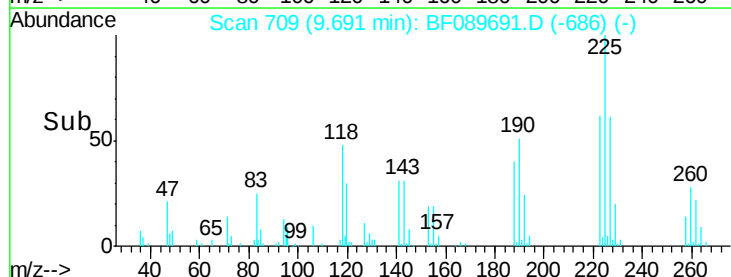


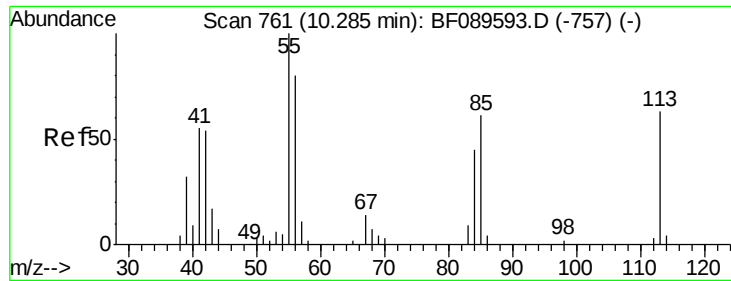
#34  
Hexachlorobutadiene  
Concen: 32.18 ng  
RT: 9.69 min Scan# 709  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 57544 |       |       |
| 223     | 61.8 | 50.7  | 76.1  |       |       |
| 227     | 61.1 | 49.4  | 74.0  |       |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.14 ng/ml

RT: 10.24 min Scan# 757

Delta R.T. -0.05 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

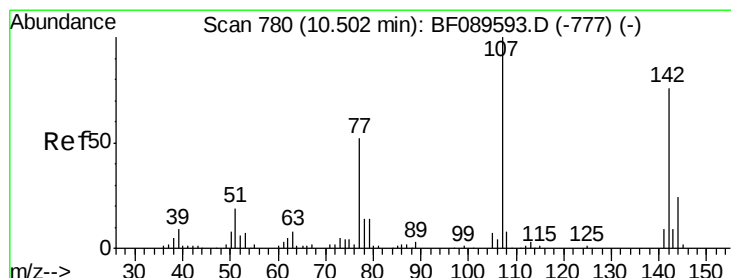
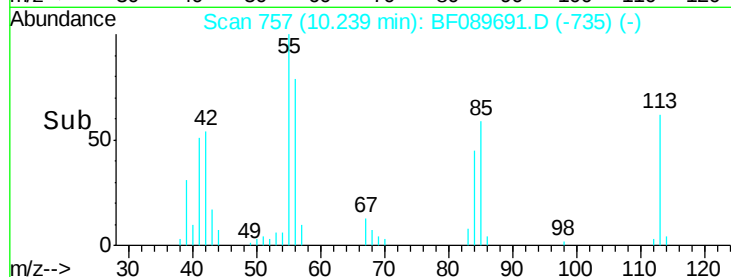
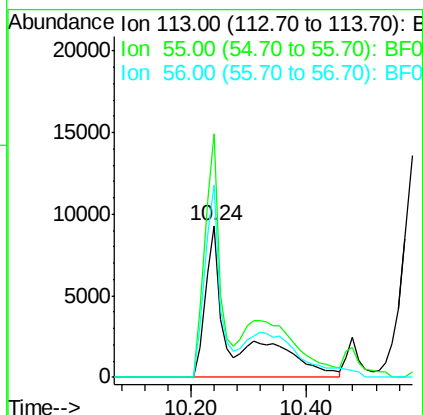
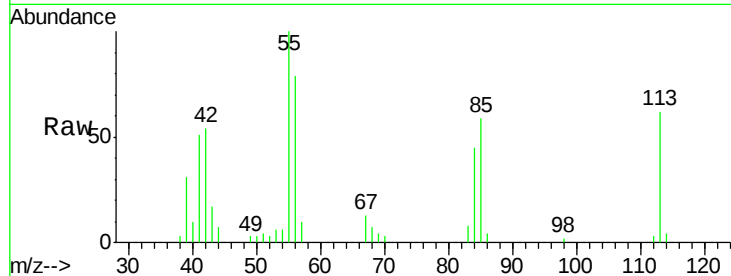
ClientSampleID :

PB92784BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 31012 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 160.4 | 139.6 | 179.6 |
| 56       | 126.7 | 108.2 | 148.2 |

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#36

4-Chloro-3-methylphenol

Concen: 37.87 ng/ml

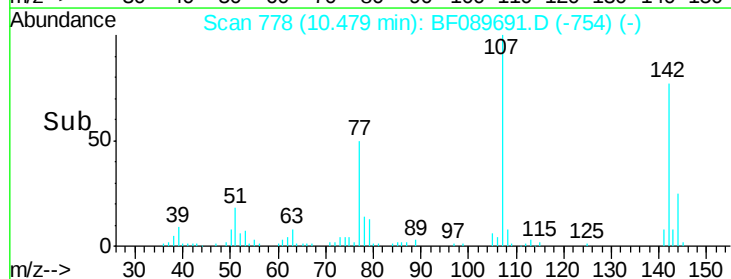
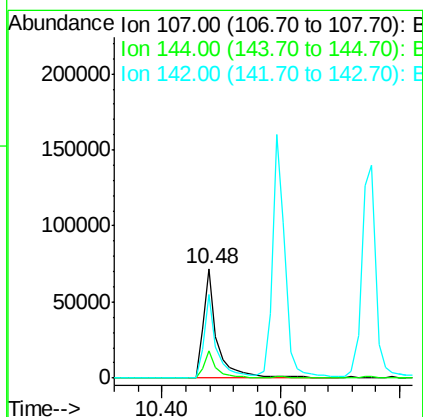
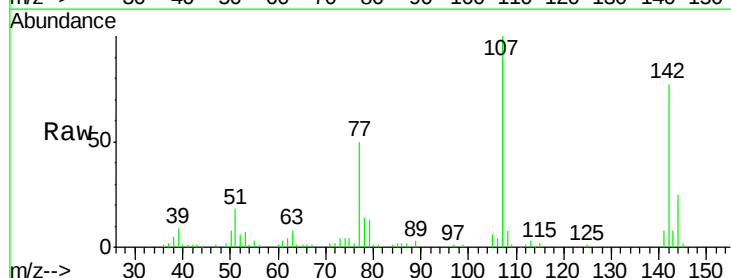
RT: 10.48 min Scan# 778

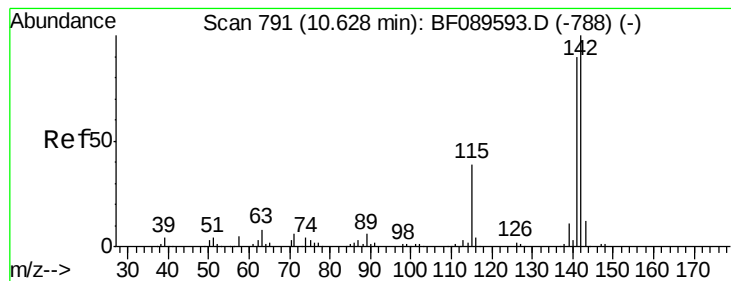
Delta R.T. -0.02 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 119669 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 24.7  | 18.9  | 28.3   |
| 142      | 76.6  | 60.4  | 90.6   |





#37

2-Methylnaphthalene

Concen: 34.90 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

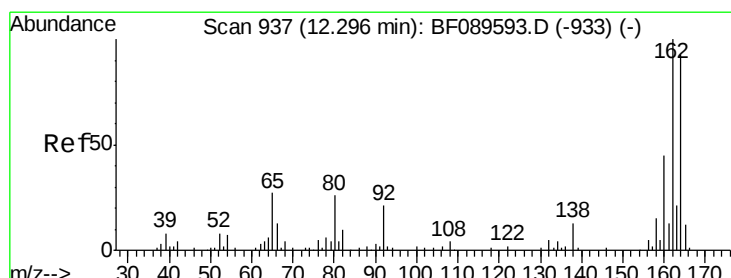
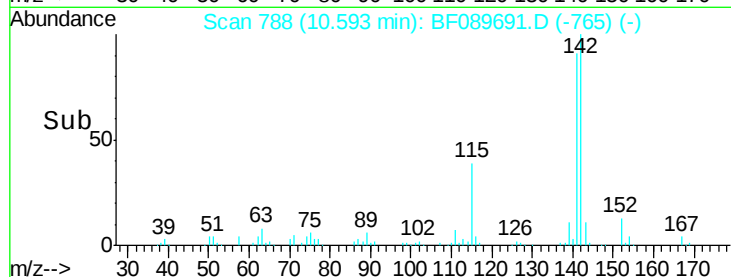
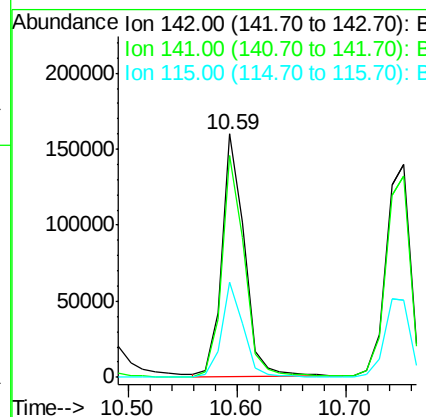
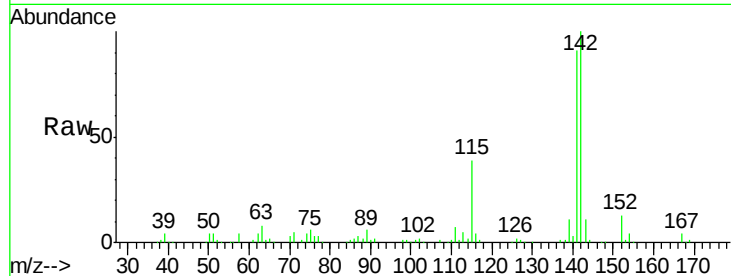
ClientSampleId :

PB92784BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 231329 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 91.1  | 71.8  | 107.6  |
| 115       | 39.1  | 31.0  | 46.4   |

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#38

Acenaphthene-d10

Concen: 20.00 ng

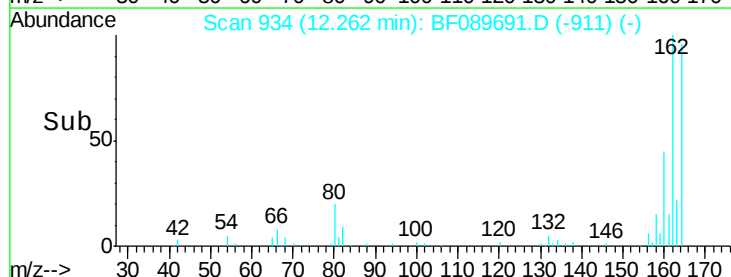
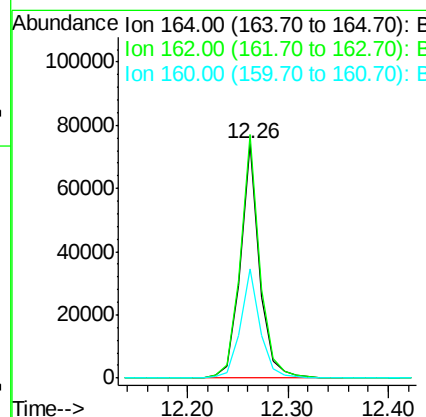
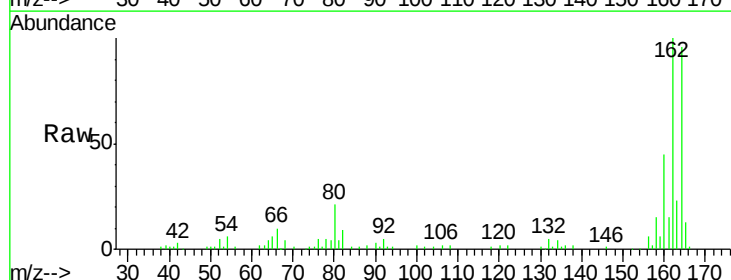
RT: 12.26 min Scan# 934

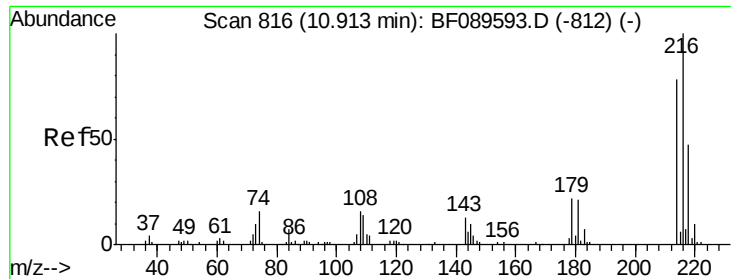
Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 97964 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 103.8 | 85.7  | 128.5 |
| 160       | 46.4  | 38.2  | 57.4  |





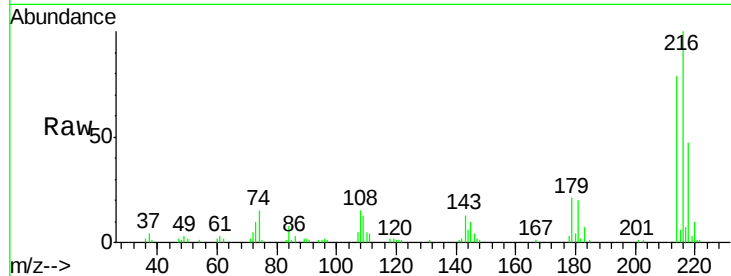
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 25.11 ng  
 RT: 10.88 min Scan# 813  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92784BS

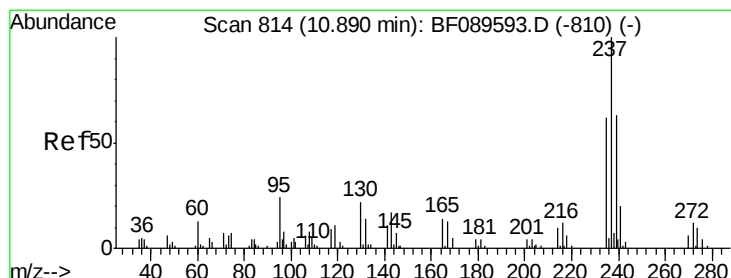
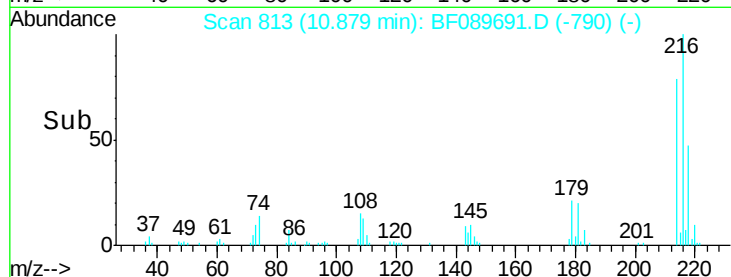
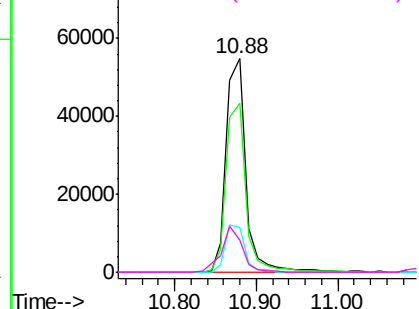
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 216     | 100  |       | 92464 |       |       |
| 214     | 79.9 | 62.6  | 94.0  |       |       |
| 179     | 21.6 | 17.8  | 26.8  |       |       |
| 108     | 22.6 | 16.3  | 24.5  |       |       |

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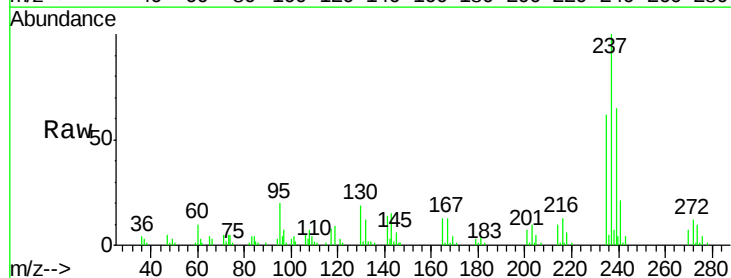


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

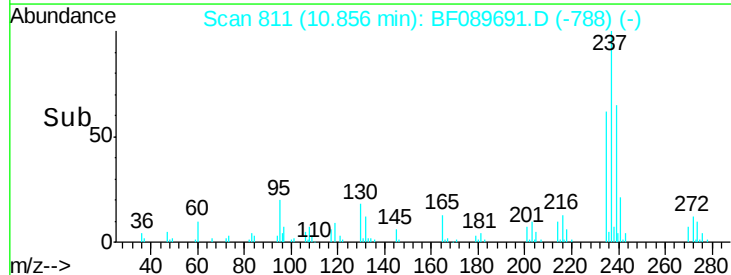
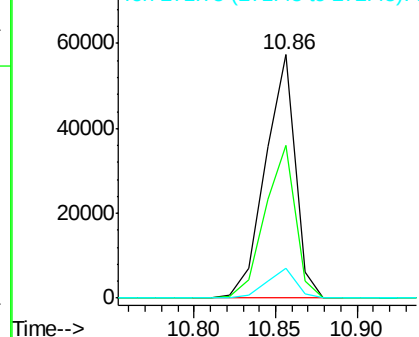


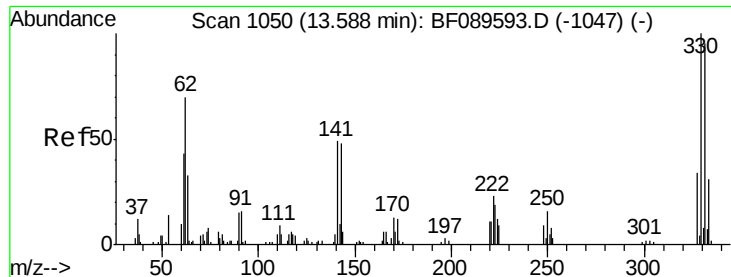
#40  
 Hexachlorocyclopentadiene  
 Concen: 60.24 ng  
 RT: 10.86 min Scan# 811  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 73551 |       |       |
| 235     | 62.5 | 41.9  | 81.9  |       |       |
| 272     | 12.3 | 0.0   | 32.4  |       |       |



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





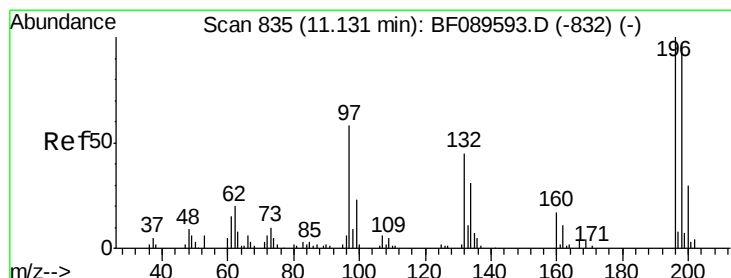
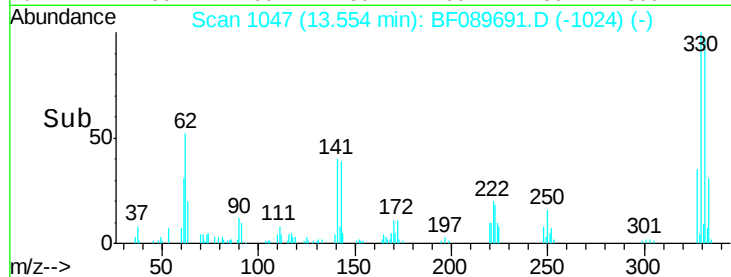
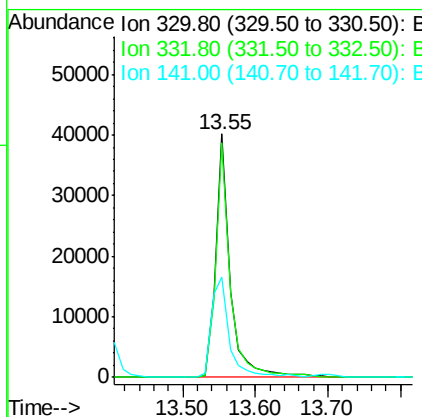
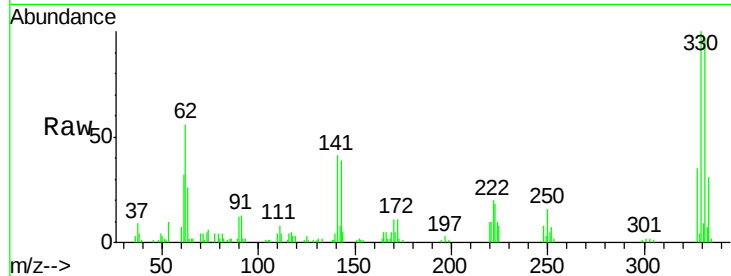
#41  
 2,4,6-Tribromophenol  
 Concen: 69.46 ng  
 RT: 13.55 min Scan# 1047  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 77.0  | 115.6 |
| 141     | 50.9  | 38.6  | 57.8  |

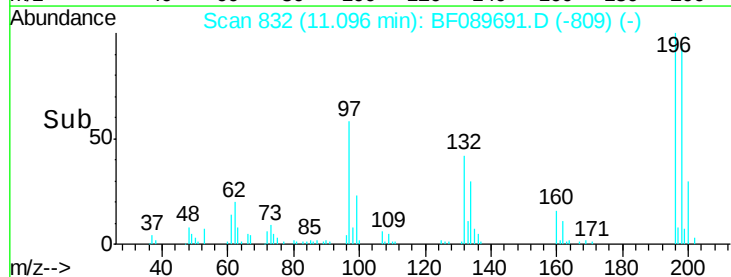
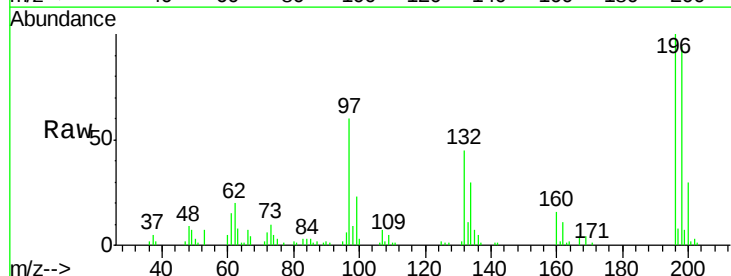
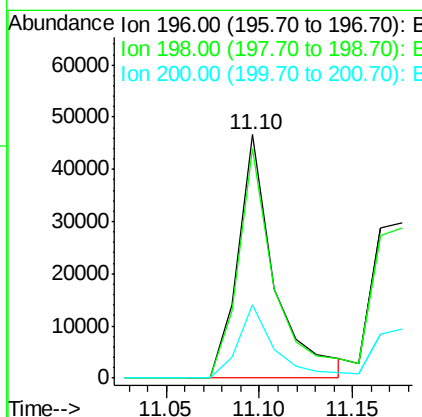
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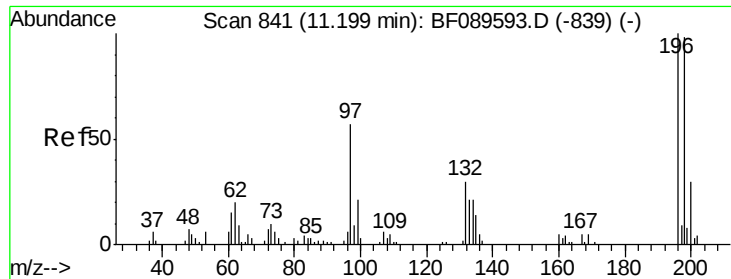
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#42  
 2,4,6-Trichlorophenol  
 Concen: 35.25 ng  
 RT: 11.10 min Scan# 832  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.3  | 77.6  | 116.4 |
| 200     | 30.2  | 23.8  | 35.8  |





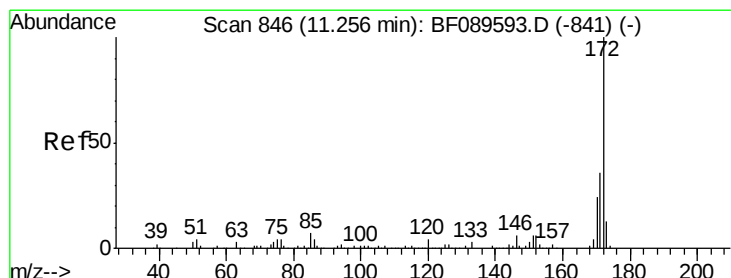
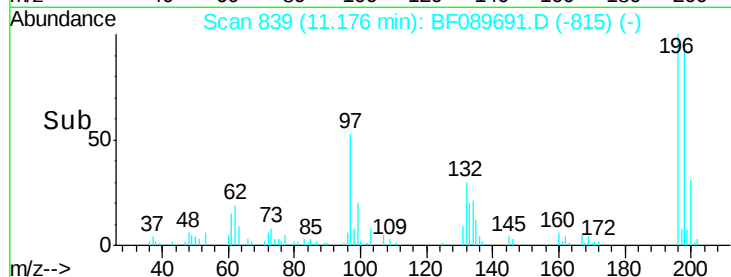
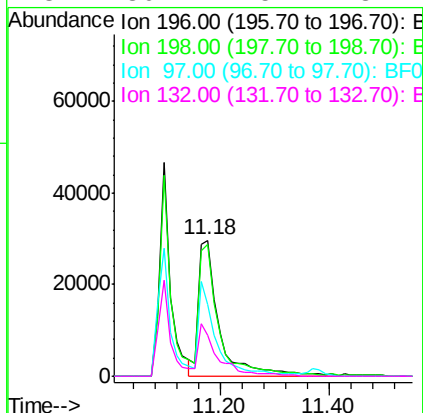
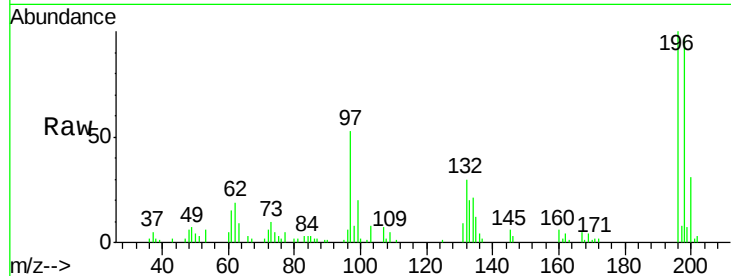
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.42 ng  
 RT: 11.18 min Scan# 839  
 Delta R.T. -0.02 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB92784BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 78450 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 96.5  | 77.8  | 116.6 |
| 97        | 52.5  | 45.8  | 68.6  |
| 132       | 30.4  | 25.1  | 37.7  |

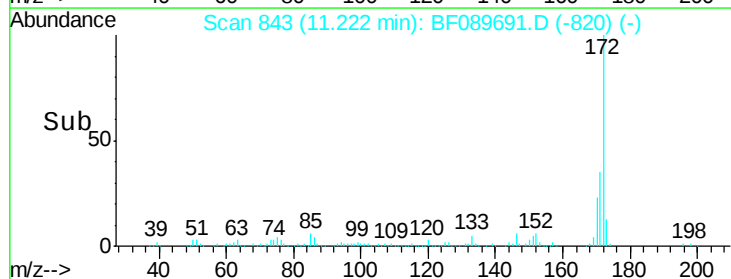
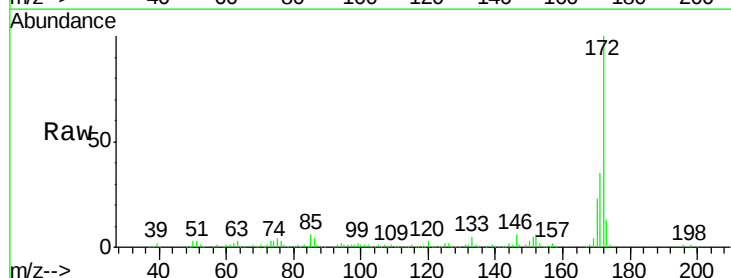
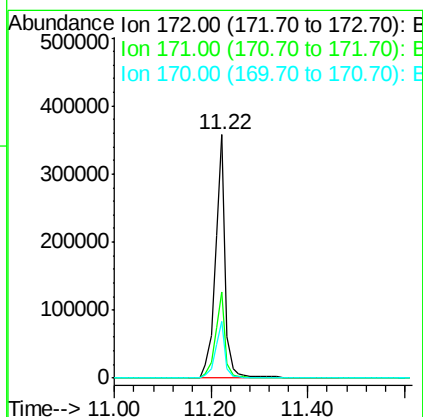
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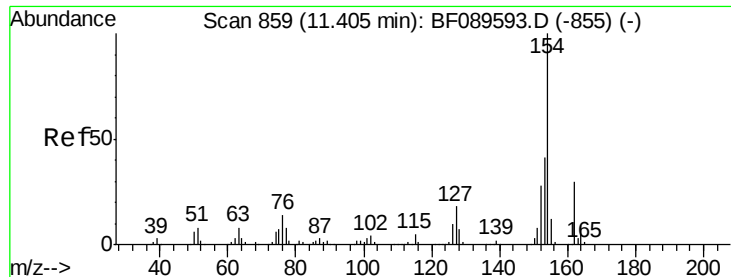
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#44  
 2-Fluorobiphenyl  
 Concen: 68.69 ng  
 RT: 11.22 min Scan# 843  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 517738 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.3  | 28.9  | 43.3   |
| 170       | 23.1  | 19.0  | 28.6   |





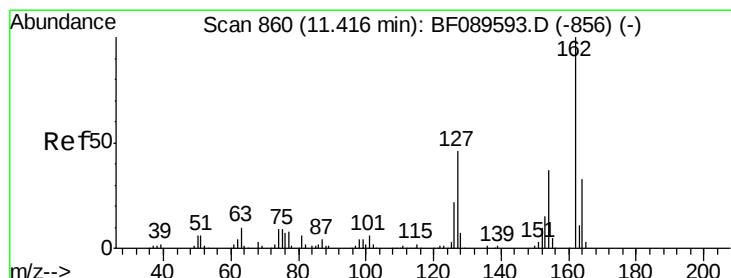
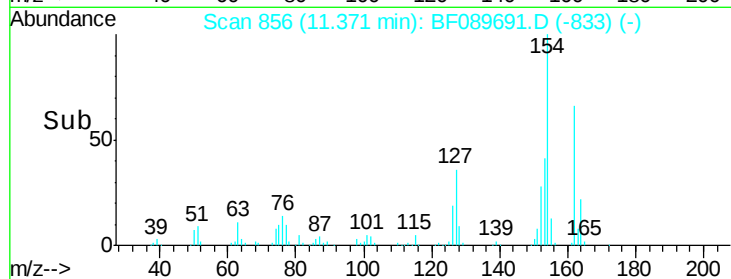
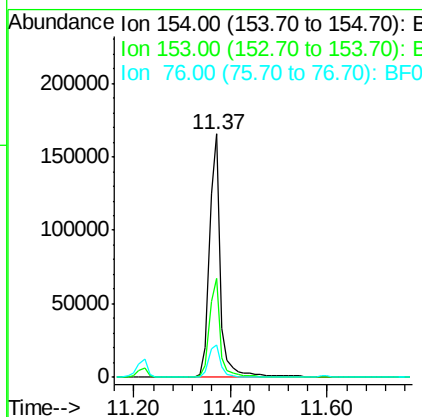
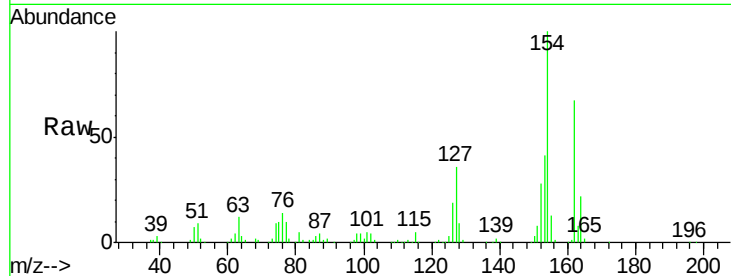
#45  
 1,1'-Biphenyl  
 Concen: 30.04 ng  
 RT: 11.37 min Scan# 856  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92784BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 265350 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.9  | 20.6  | 60.6   |
| 76        | 13.5  | 0.0   | 33.7   |

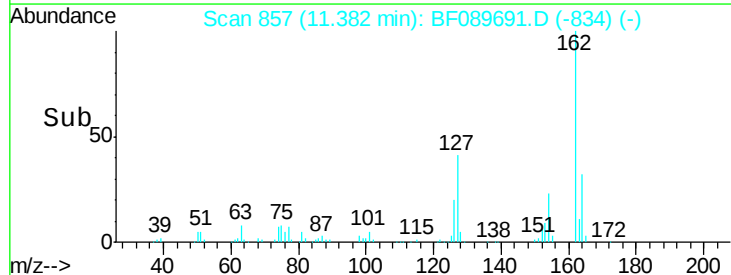
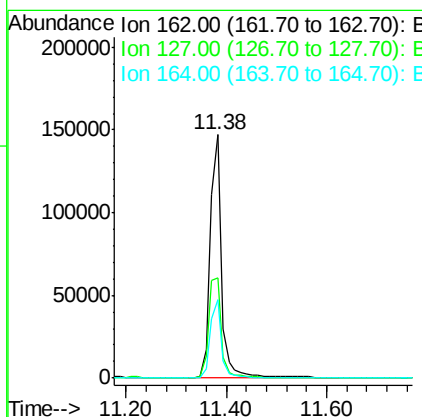
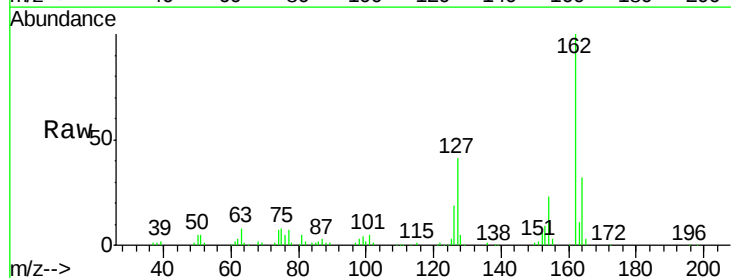
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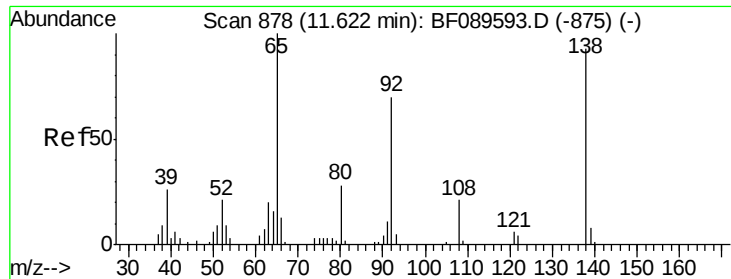
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#46  
 2-Chloronaphthalene  
 Concen: 35.08 ng  
 RT: 11.38 min Scan# 857  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 232353 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.2  | 36.6  | 54.8   |
| 164       | 32.0  | 26.8  | 40.2   |





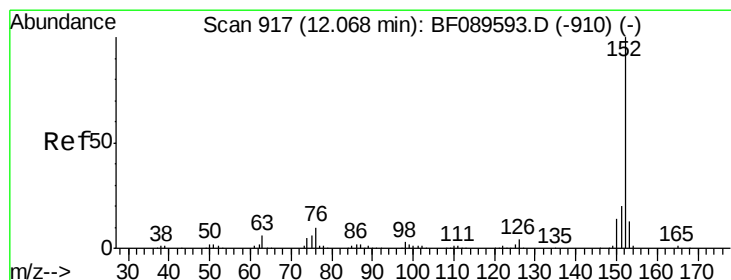
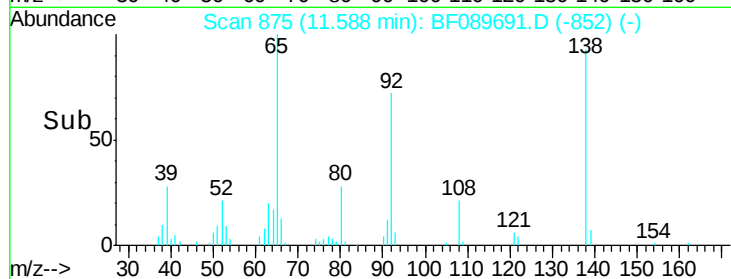
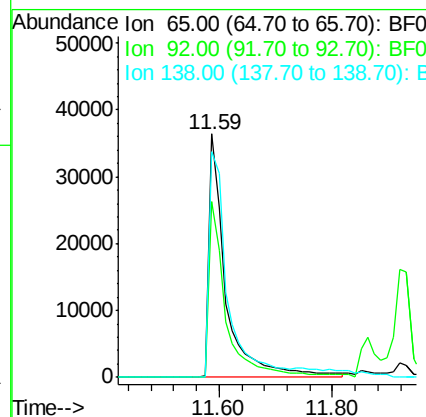
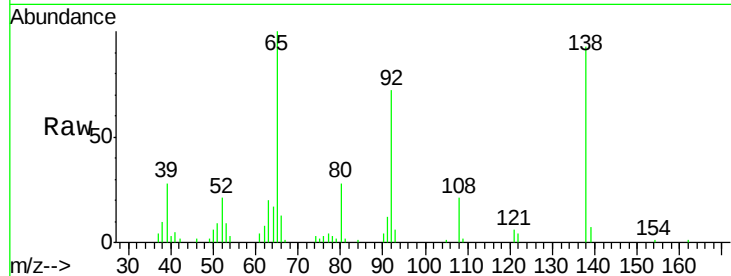
#47  
 2-Nitroaniline  
 Concen: 34.22 ng  
 RT: 11.59 min Scan# 875  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB92784BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 73054 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 72.1  | 56.3  | 84.5  |
| 138       | 92.6  | 74.3  | 111.5 |

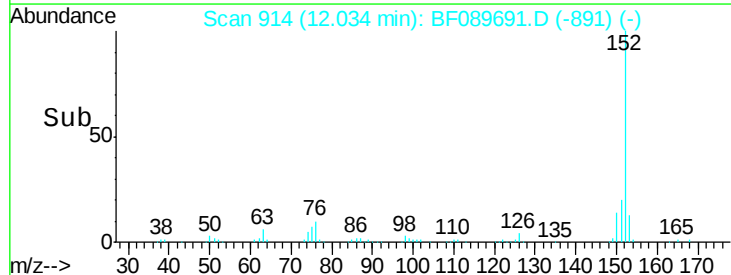
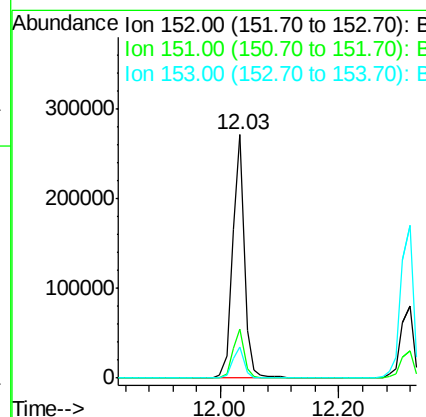
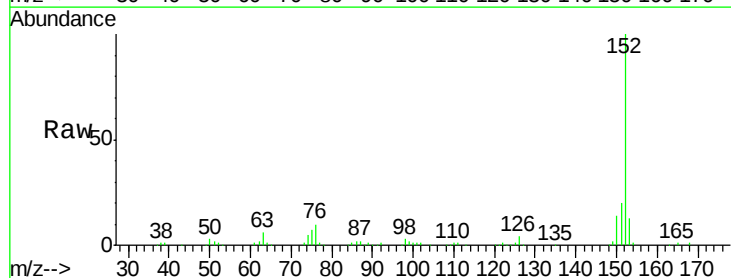
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#48  
 Acenaphthylene  
 Concen: 34.27 ng  
 RT: 12.03 min Scan# 914  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 373957 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.3  | 16.2  | 24.4   |
| 153       | 12.7  | 10.5  | 15.7   |





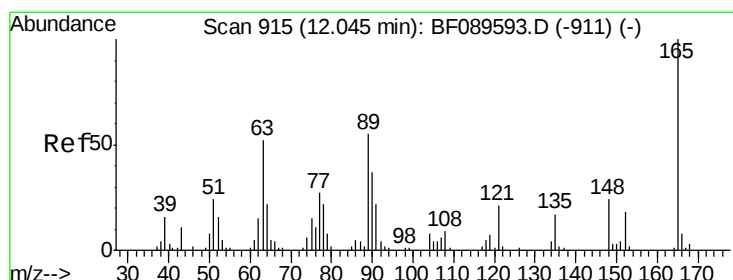
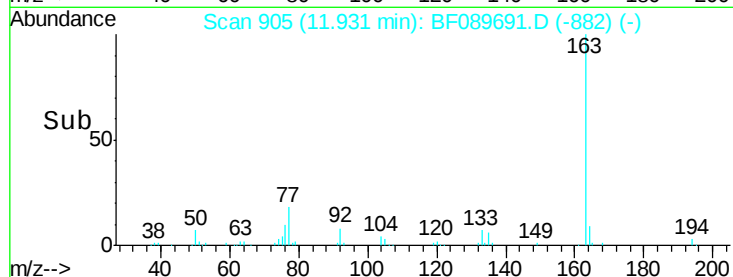
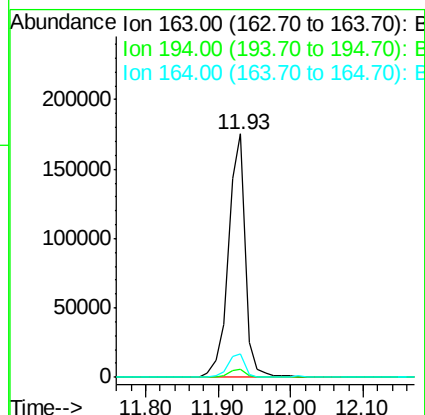
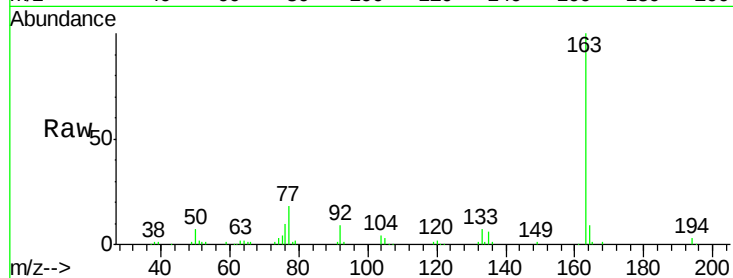
#49  
Dimethylphthalate  
Concen: 36.84 ng  
RT: 11.93 min Scan# 905  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 282864 |       |       |
| 194     | 3.5   |        | 2.7   | 4.1   |
| 164     | 9.5   |        | 7.8   | 11.6  |

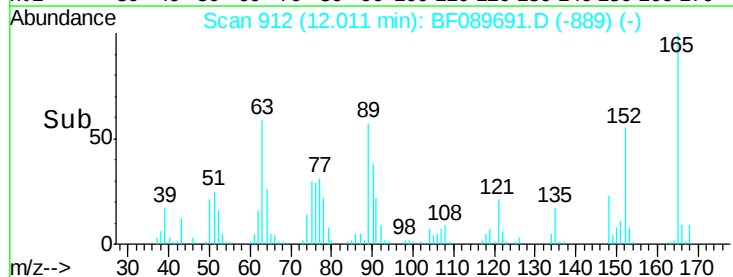
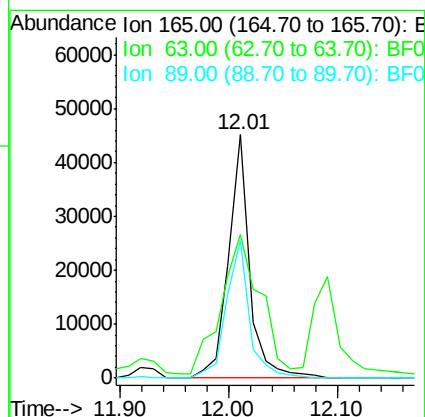
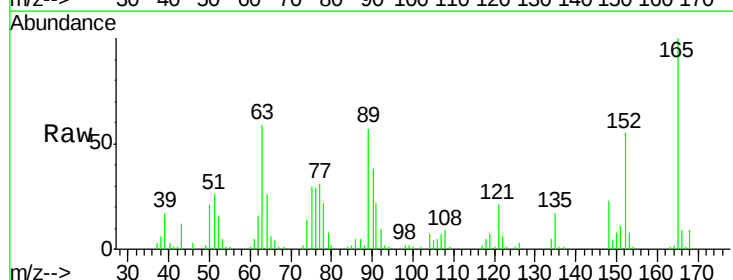
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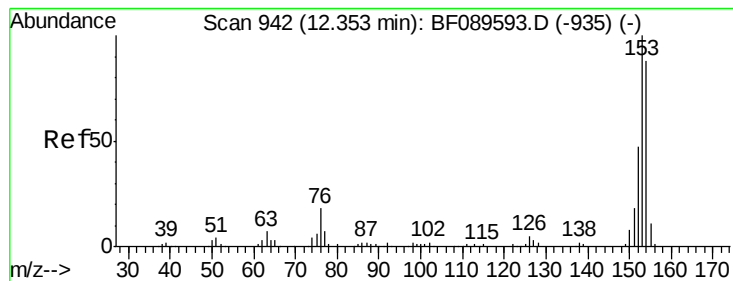
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#50  
2,6-Dinitrotoluene  
Concen: 39.59 ng  
RT: 12.01 min Scan# 912  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 60440 |       |       |
| 63      | 59.3  |       | 44.6  | 67.0  |
| 89      | 56.6  |       | 44.2  | 66.2  |





#51

Acenaphthene

Concen: 34.88 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

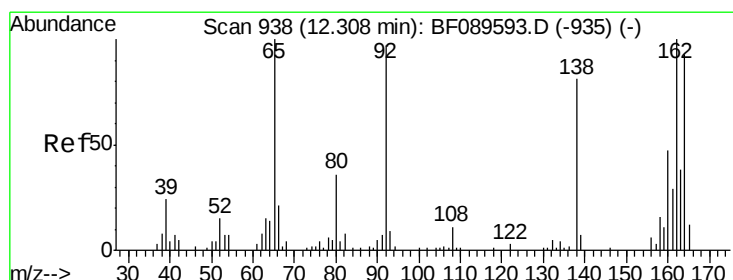
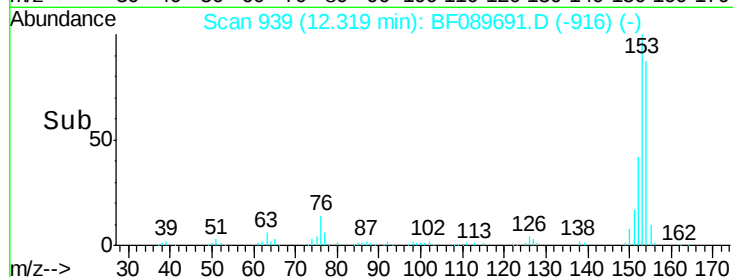
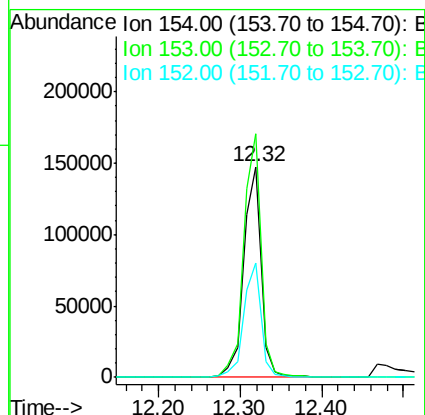
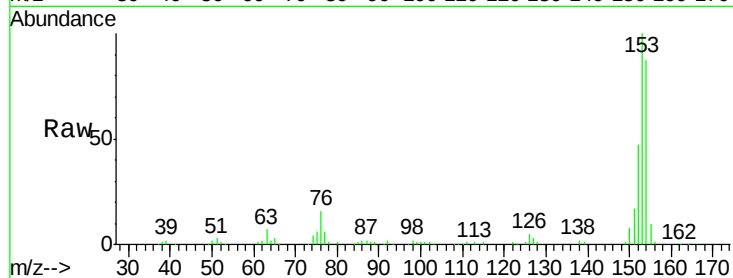
ClientSampleId :

PB92784BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 219797 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.5 | 91.1  | 136.7  |
| 152       | 54.4  | 43.5  | 65.3   |

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#52

3-Nitroaniline

Concen: 21.05 ng

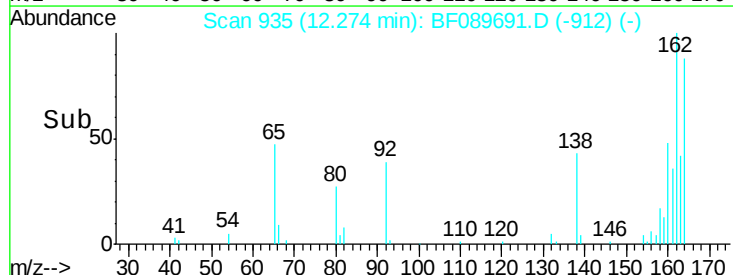
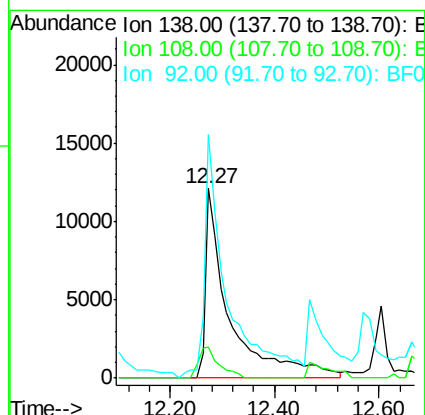
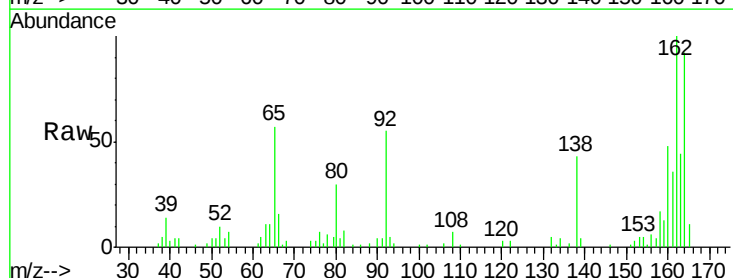
RT: 12.27 min Scan# 935

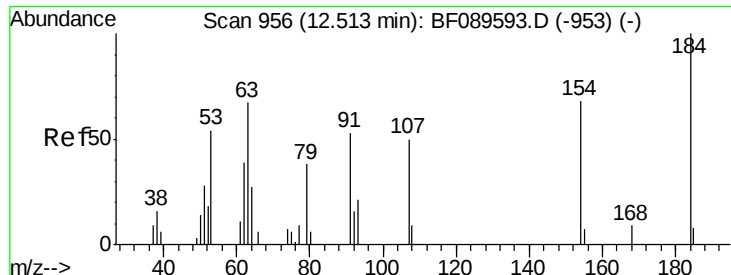
Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 38445 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 16.4  | 10.7  | 16.1# |
| 92        | 128.4 | 96.6  | 145.0 |





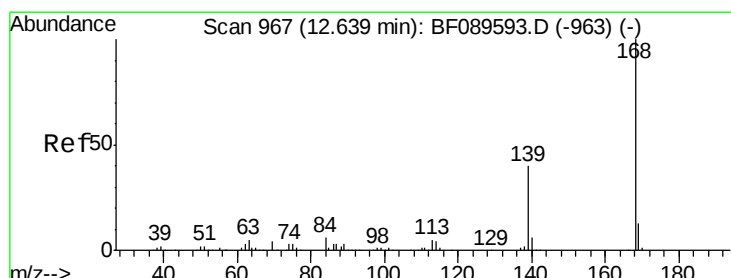
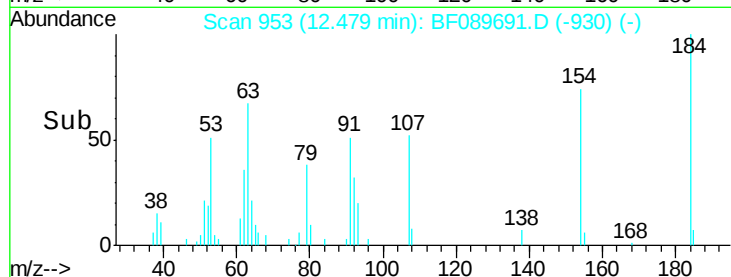
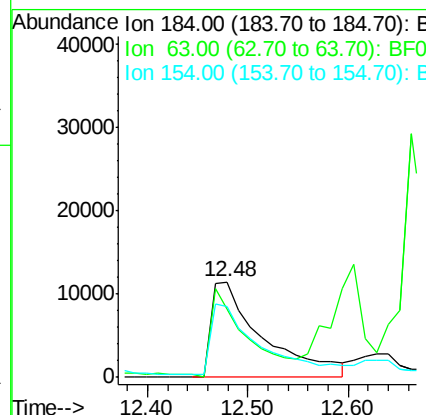
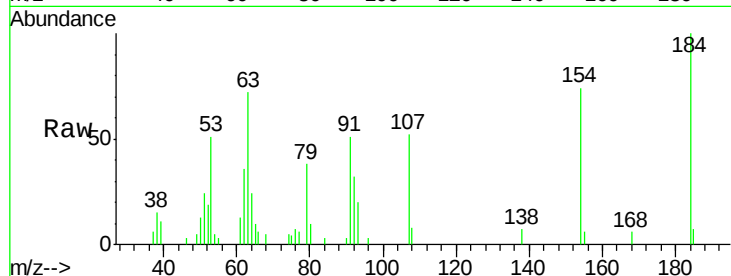
#53  
 2,4-Dinitrophenol  
 Concen: 65.39 ng  
 RT: 12.48 min Scan# 953  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB92784BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 40710 |       |       |
| 63      | 71.5  | 59.0  | 88.6  |       |
| 154     | 74.0  | 60.0  | 90.0  |       |

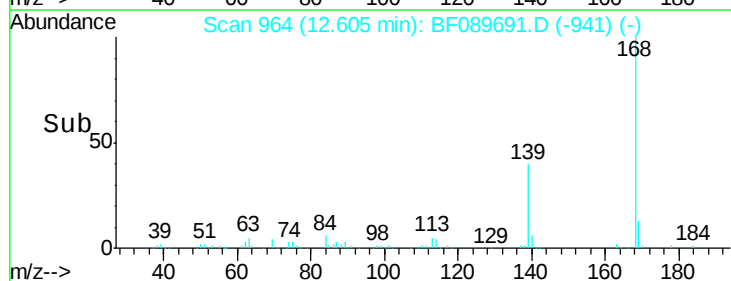
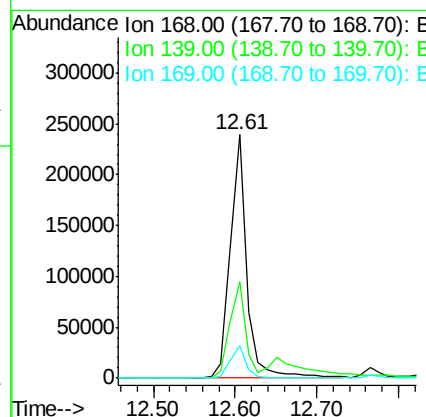
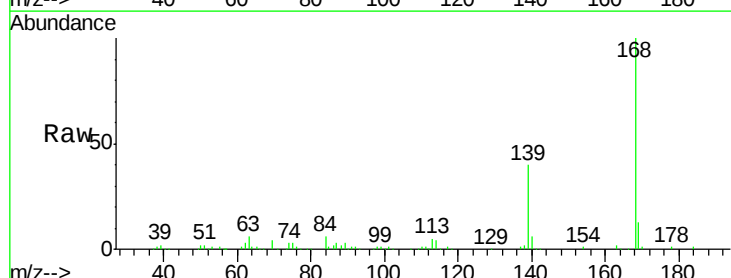
Manual Integrations  
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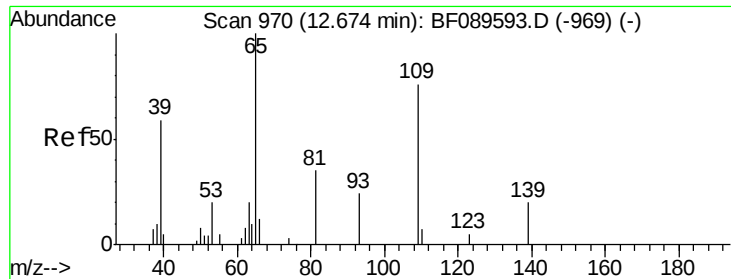
sohil  
 8/10/2016 9:20:43 AM



#54  
 Dibenzofuran  
 Concen: 38.49 ng  
 RT: 12.61 min Scan# 964  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 333466 |       |       |
| 139     | 39.6  | 32.3   | 48.5  |       |
| 169     | 13.2  | 10.6   | 15.8  |       |





#55

4-Nitrophenol

Concen: 72.77 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

PB92784BS

Tot Ion:139 Resp: 71042

Ion Ratio Lower Upper

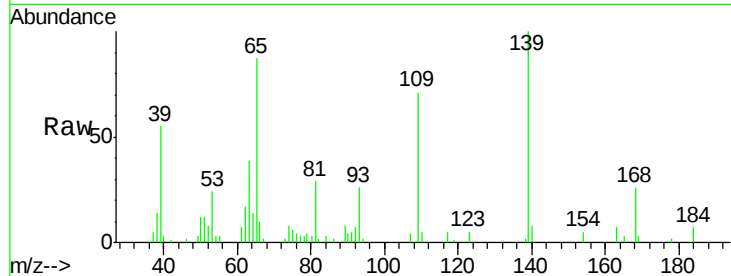
139 100

109 70.7 28.9 68.9#

65 87.1 49.2 89.2

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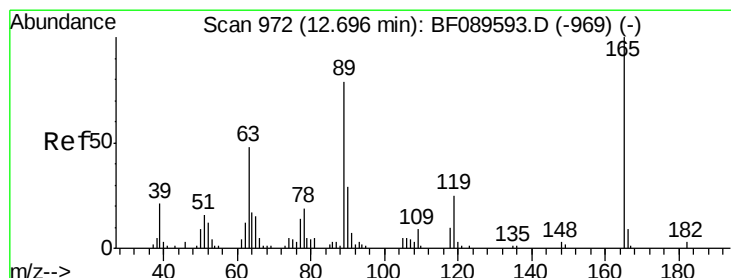
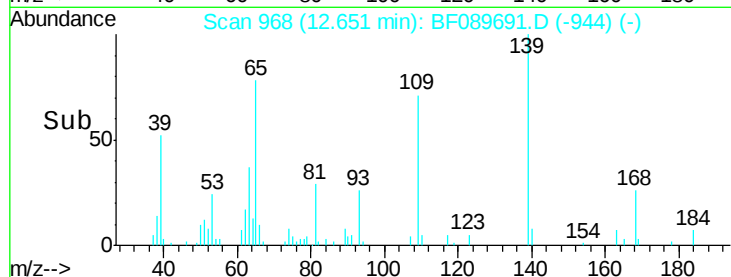
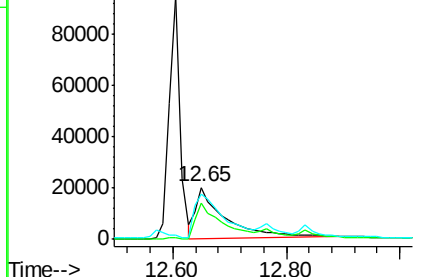
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.88 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Tgt Ion:165 Resp: 83480

Ion Ratio Lower Upper

165 100

63 65.3 42.2 63.4#

89 89.9 64.4 96.6

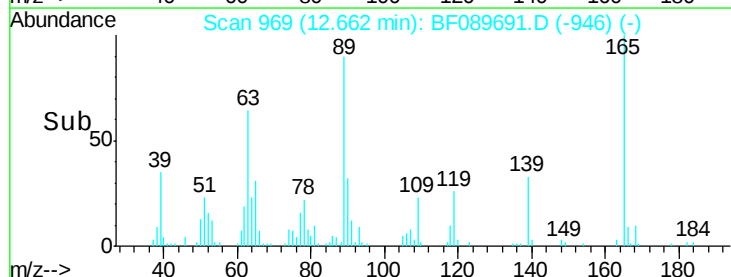
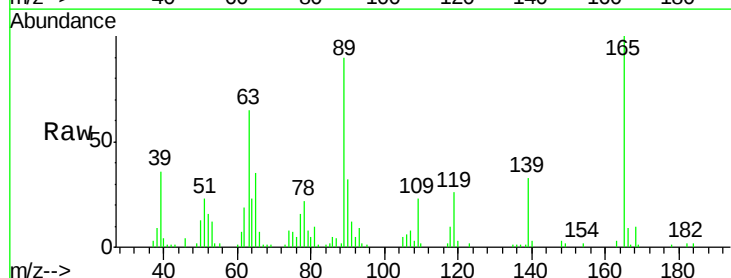
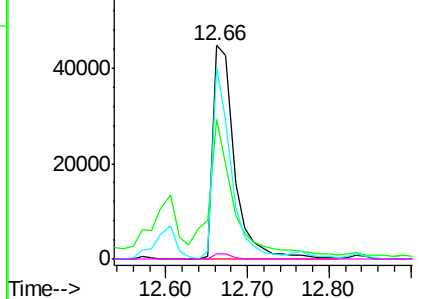
182 2.4 2.1 3.1

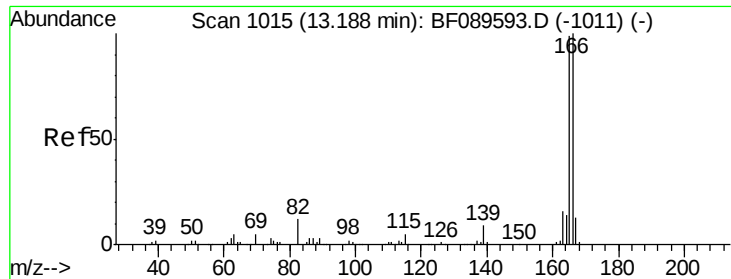
Abundance Ion 165.00 (164.70 to 165.70): E

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





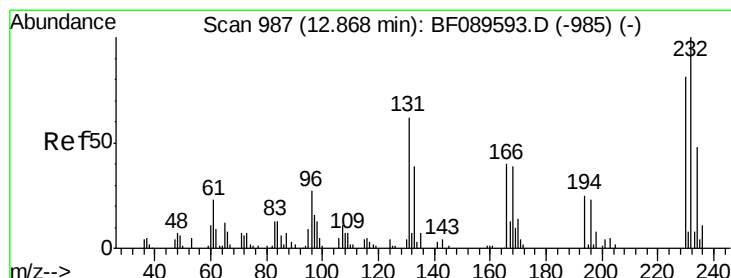
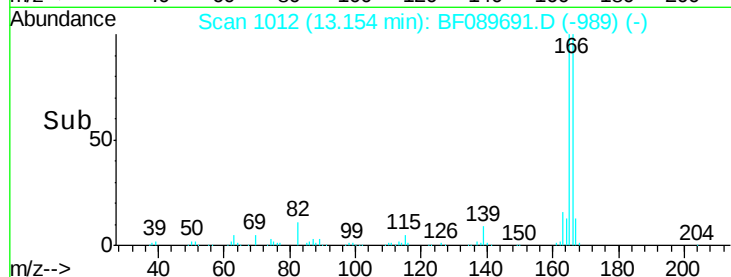
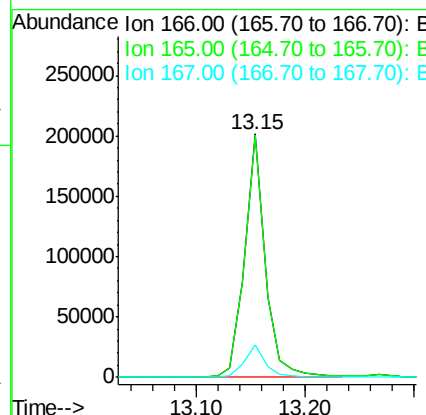
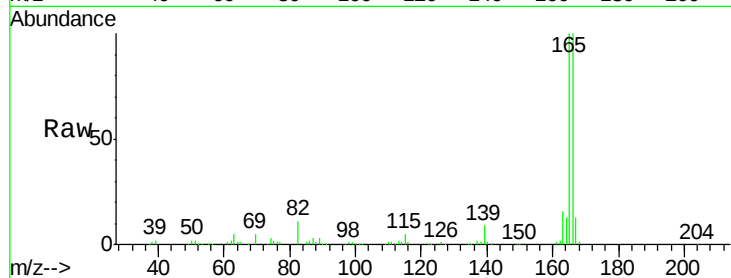
#57  
 Fluorene  
 Concen: 35.74 ng  
 RT: 13.15 min Scan# 1012  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB92784BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 264653 |       |       |
| 165     | 99.6  | 78.9   | 118.3 |       |
| 167     | 13.3  | 10.4   | 15.6  |       |

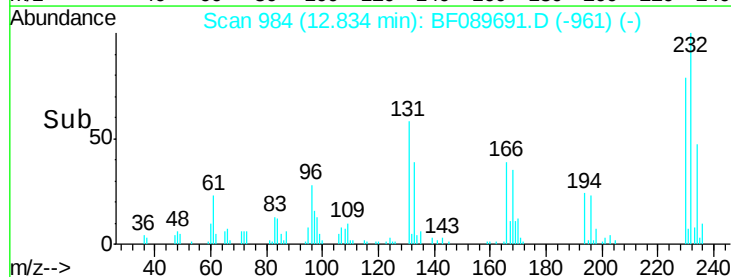
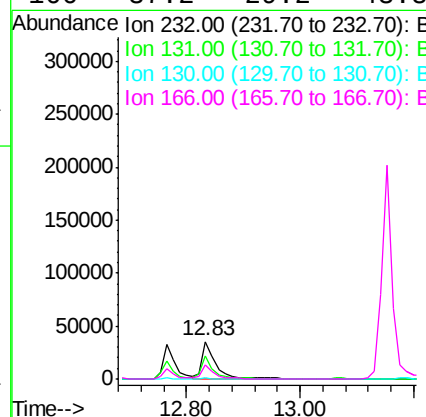
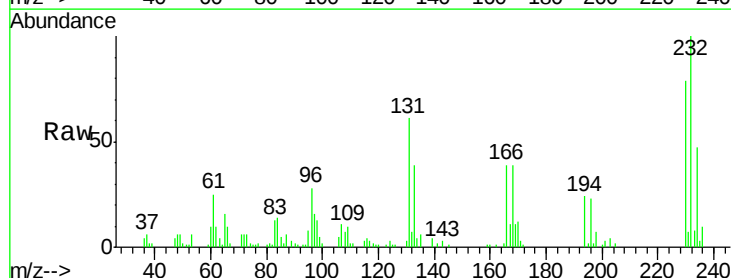
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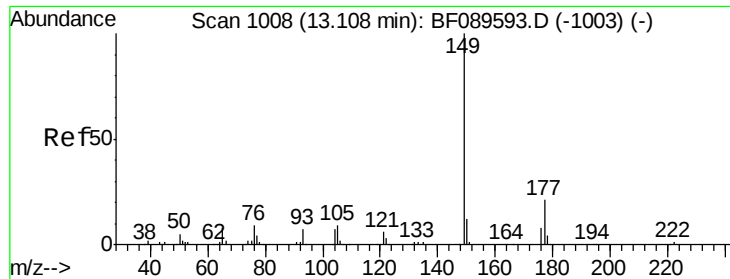
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.78 ng  
 RT: 12.83 min Scan# 984  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 58615 |       |       |
| 131     | 57.5  | 46.2  | 69.2  |       |
| 130     | 1.9   | 1.7   | 2.5   |       |
| 166     | 37.2  | 29.2  | 43.8  |       |





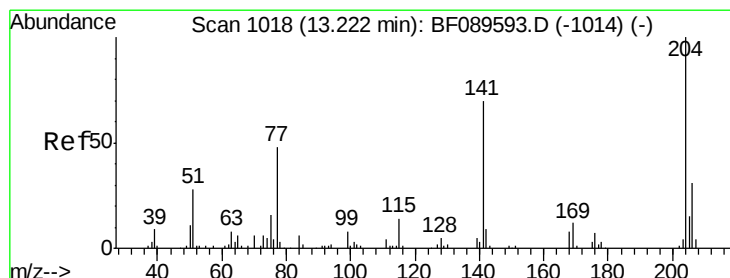
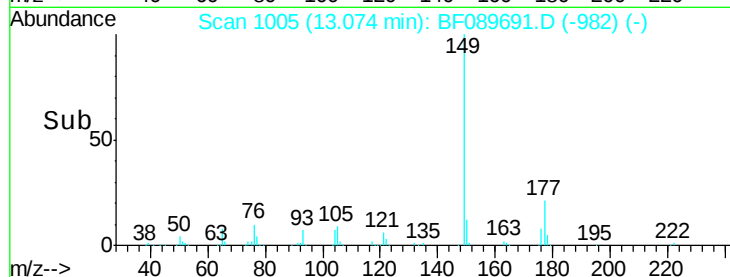
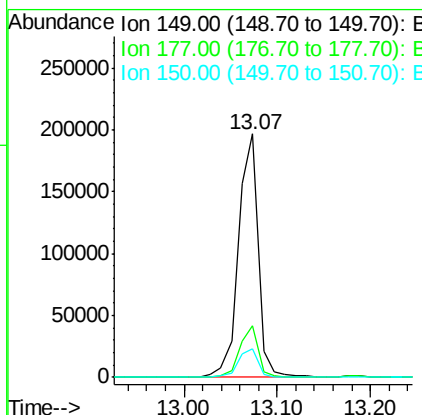
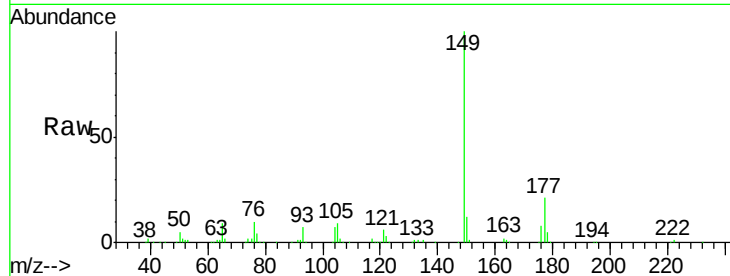
#59  
Diethylphthalate  
Concen: 36.64 ng  
RT: 13.07 min Scan# 1005  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampled :  
PB92784BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 290954 |       |       |
| 177     | 21.2  | 16.8   | 25.2  |       |
| 150     | 12.0  | 9.6    | 14.4  |       |

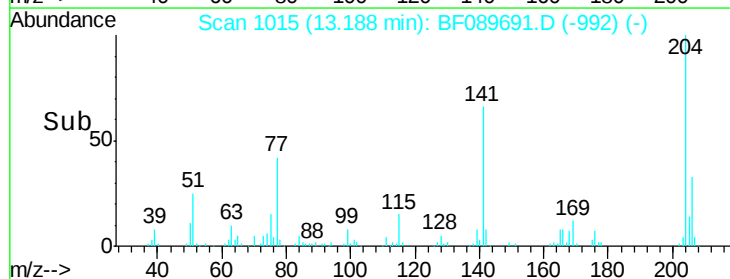
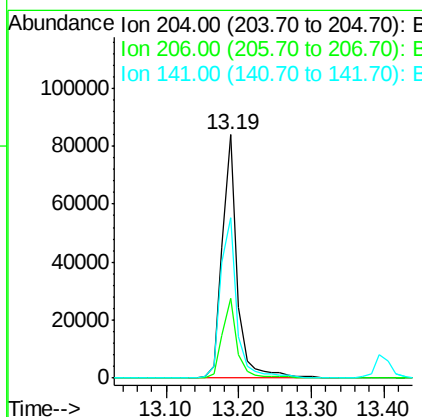
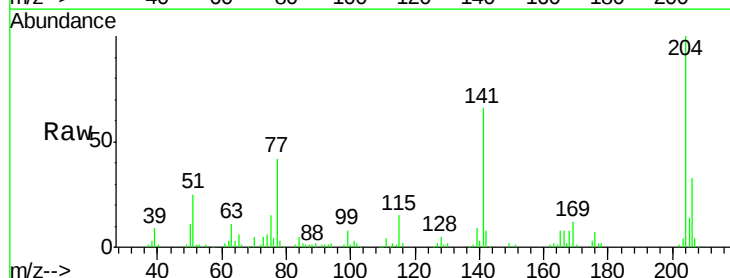
Manual Integrations  
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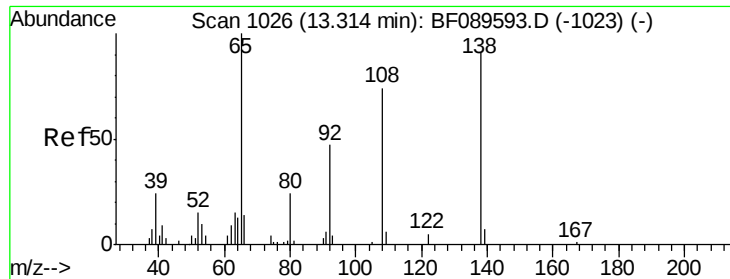
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#60  
4-Chlorophenyl-phenylether  
Concen: 35.58 ng  
RT: 13.19 min Scan# 1015  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 120817 |       |       |
| 206     | 33.0  | 25.0   | 37.4  |       |
| 141     | 65.9  | 56.2   | 84.4  |       |





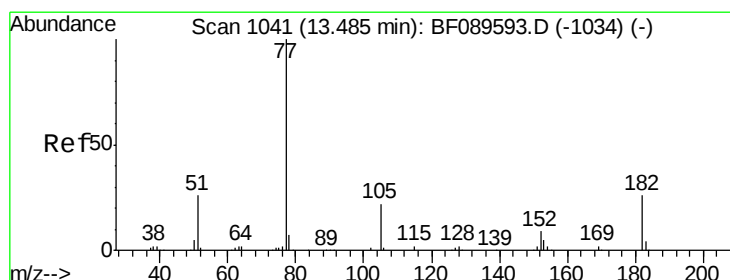
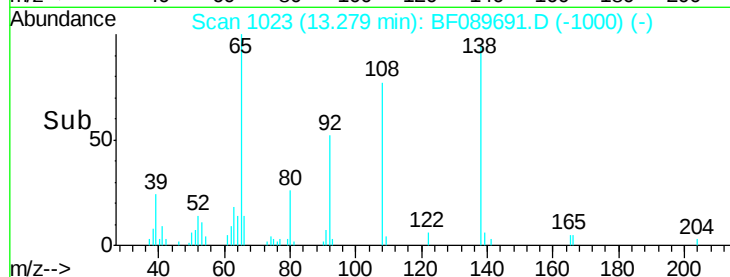
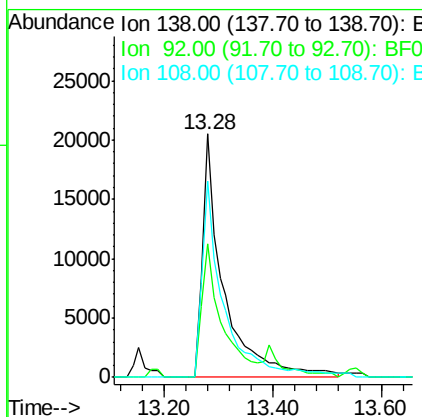
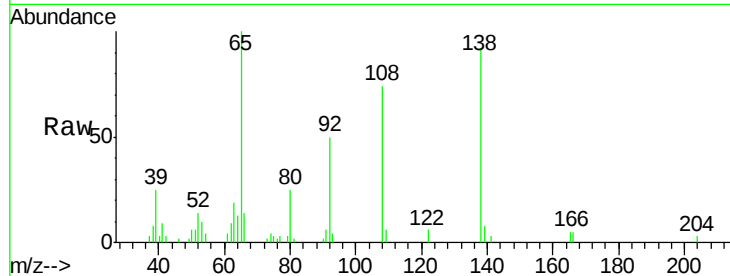
#61  
4-Nitroaniline  
Concen: 33.74 ng  
RT: 13.28 min Scan# 1023  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampled :  
PB92784BS

Tot Ion:138 Resp: 55392  
Ion Ratio Lower Upper  
138 100  
92 55.0 31.6 71.6  
108 80.8 61.5 101.5

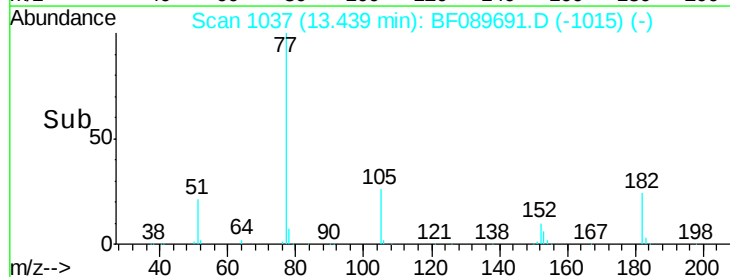
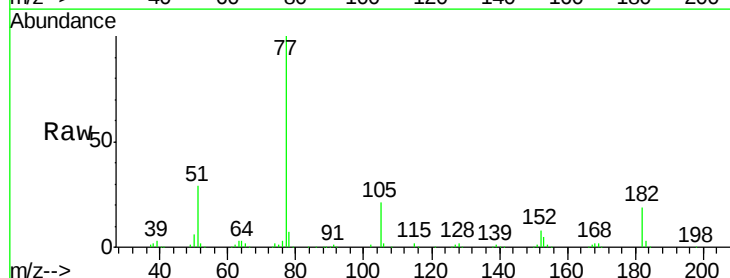
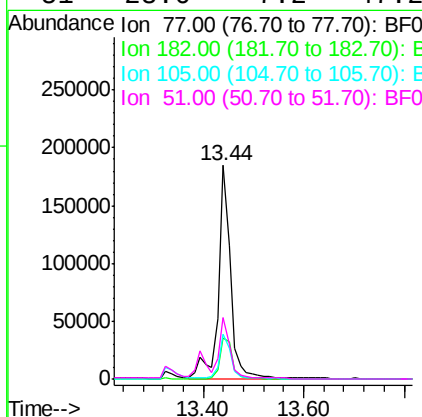
Manual Integrations  
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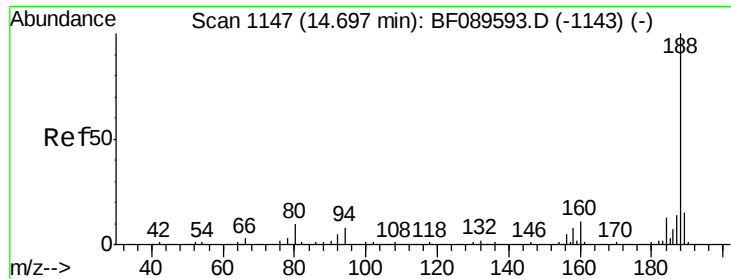
sohil  
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#62  
Azobenzene  
Concen: 40.52 ng  
RT: 13.44 min Scan# 1037  
Delta R.T. -0.05 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Tgt Ion: 77 Resp: 311204  
Ion Ratio Lower Upper  
77 100  
182 19.4 5.8 45.8  
105 21.1 2.9 42.9  
51 28.6 7.2 47.2





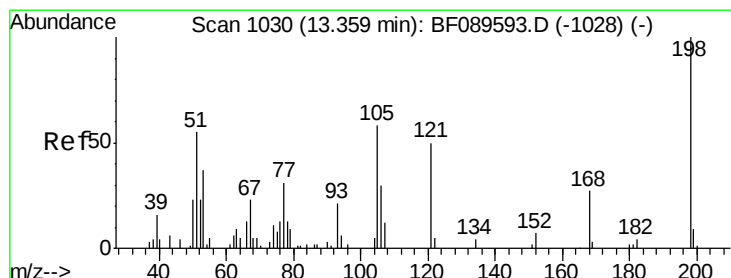
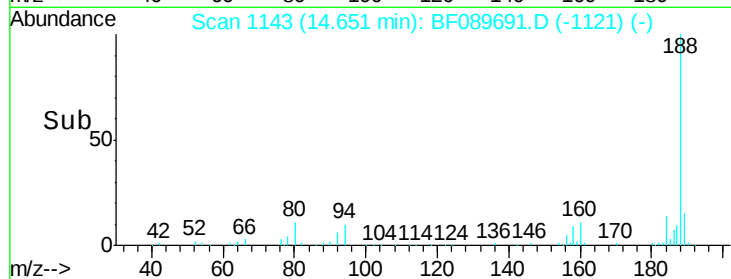
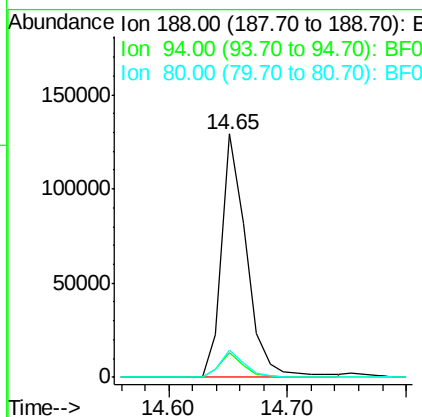
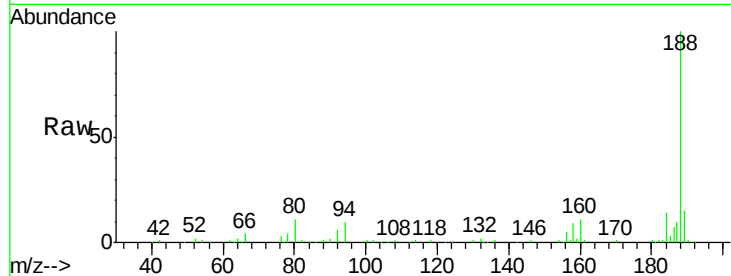
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.65 min Scan# 1143  
Delta R.T. -0.05 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 188159 |       |       |
| 94      | 10.4  | 6.5    | 9.7#  |       |
| 80      | 11.4  | 8.0    | 12.0  |       |

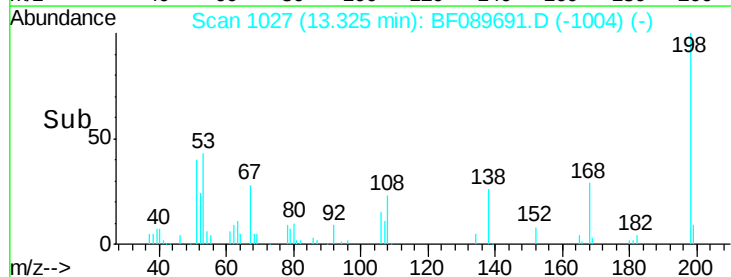
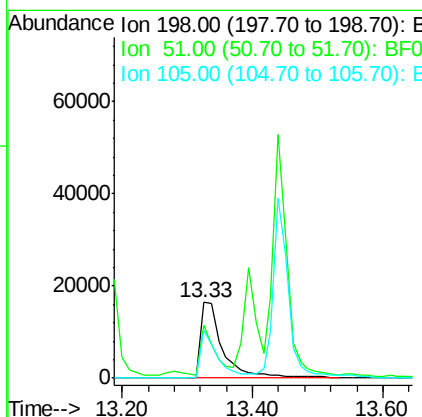
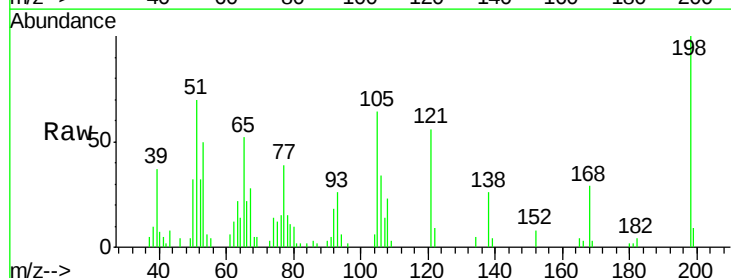
Manual Integrations  
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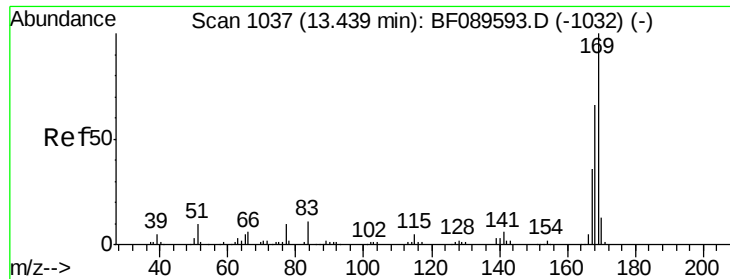
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 35.28 ng  
RT: 13.33 min Scan# 1027  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 38784 |       |       |
| 51      | 70.1  | 38.9  | 78.9  |       |
| 105     | 63.6  | 38.1  | 78.1  |       |





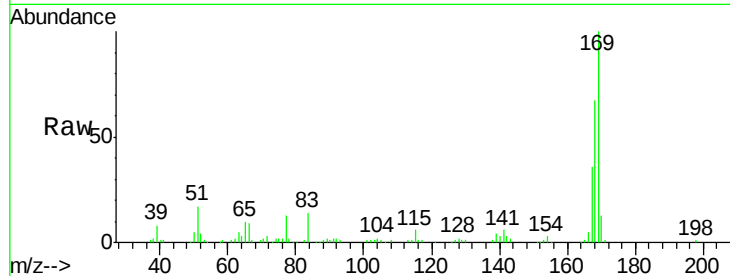
#65  
n-Nitrosodiphenylamine  
Concen: 36.26 ng  
RT: 13.39 min Scan# 1033  
Delta R.T. -0.05 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

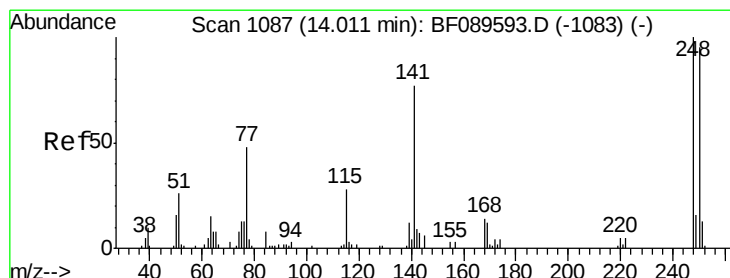
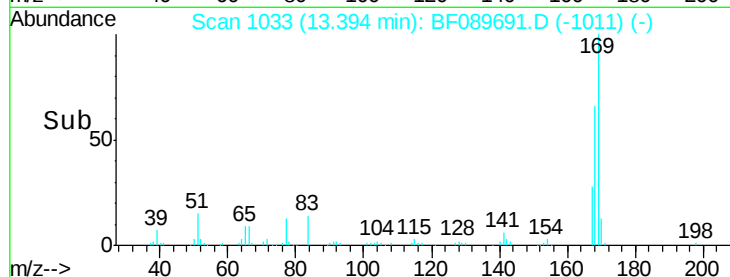
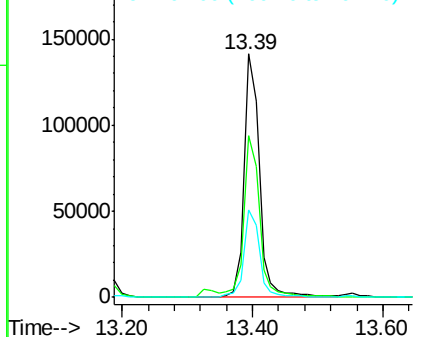
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 230443 |       |       |
| 168     | 66.7  | 54.2   | 81.2  |       |
| 167     | 35.9  | 28.9   | 43.3  |       |

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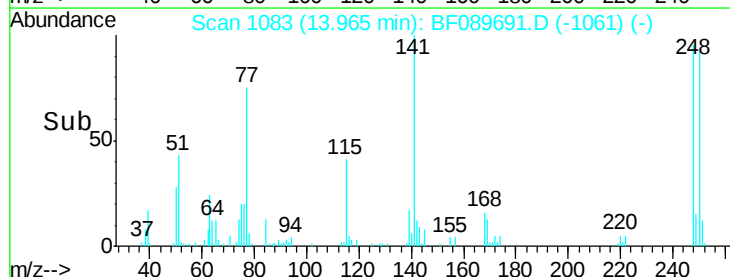
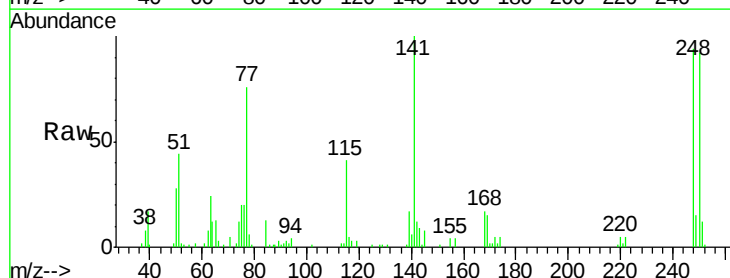
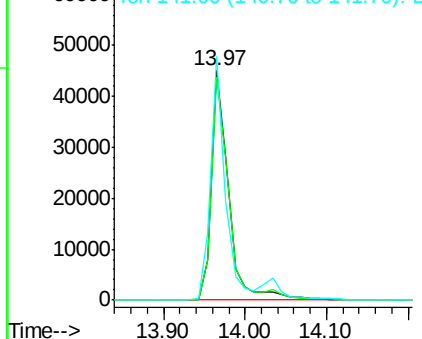
Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

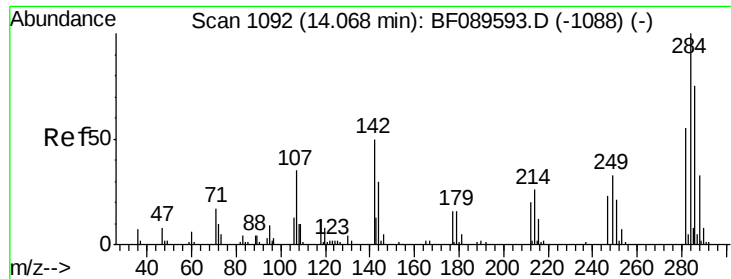


#66  
4-Bromophenyl-phenylether  
Concen: 36.75 ng  
RT: 13.97 min Scan# 1083  
Delta R.T. -0.05 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 66887 |       |       |
| 250     | 97.2  | 76.2  | 114.2 |       |
| 141     | 106.1 | 61.3  | 91.9  |       |

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





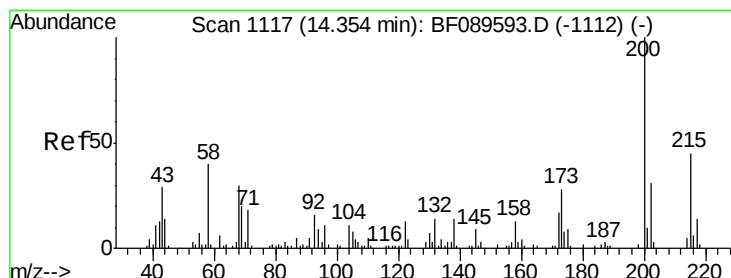
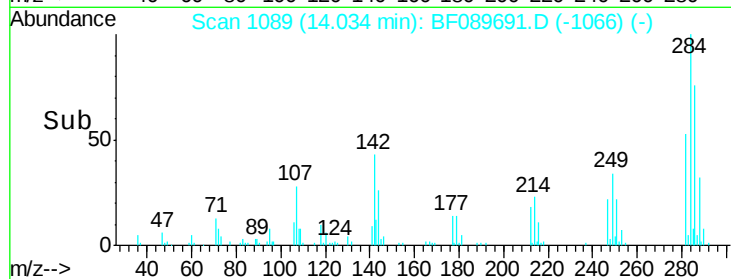
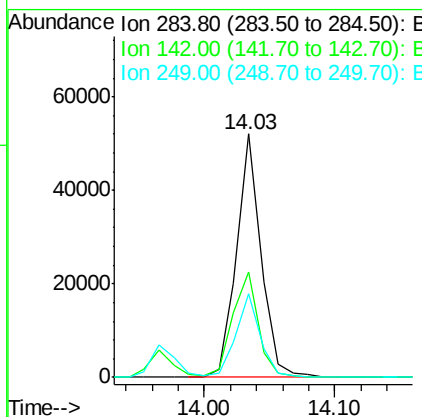
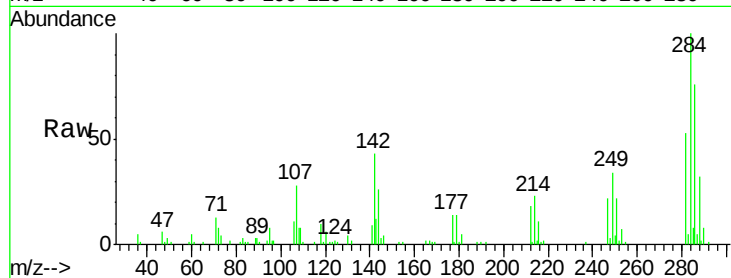
#67  
Hexachlorobenzene  
Concen: 33.60 ng  
RT: 14.03 min Scan# 1089  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 67265 |       |       |
| 142     | 43.4  |       | 41.4  | 62.0  |
| 249     | 34.3  |       | 28.6  | 43.0  |

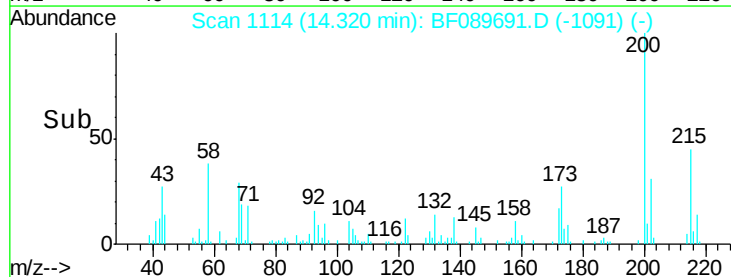
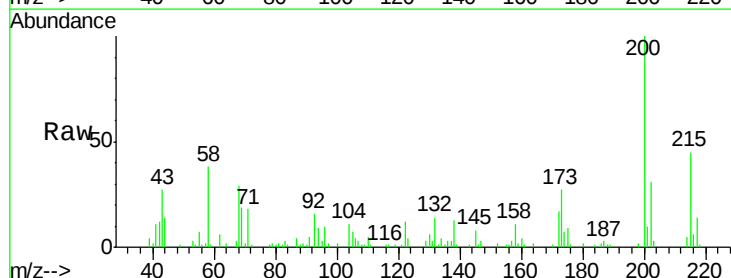
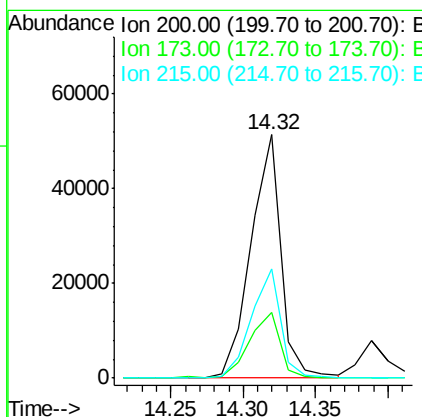
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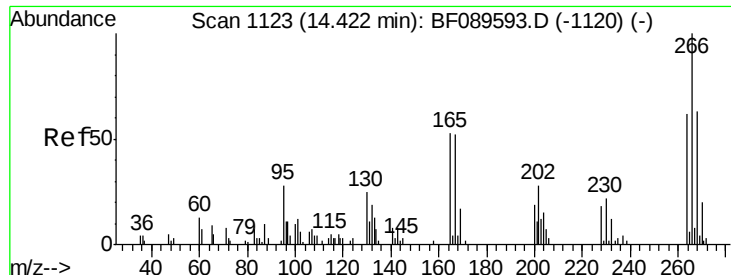
sohil  
8/10/2016 9:20:43 AM



#68  
Atrazine  
Concen: 41.68 ng  
RT: 14.32 min Scan# 1114  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 73956 |       |       |
| 173     | 26.8  |       | 8.2   | 48.2  |
| 215     | 45.0  |       | 24.9  | 64.9  |





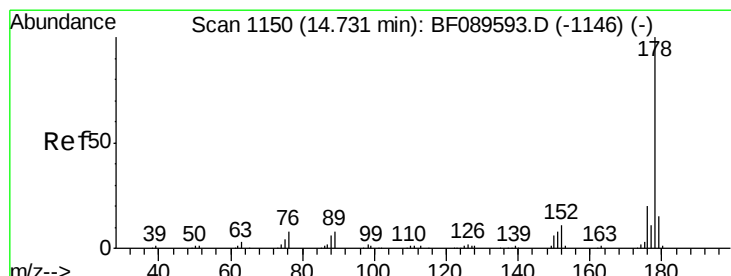
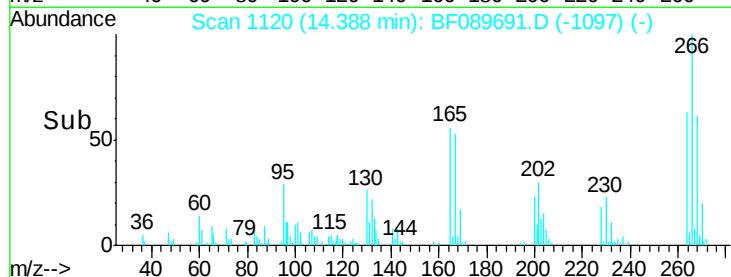
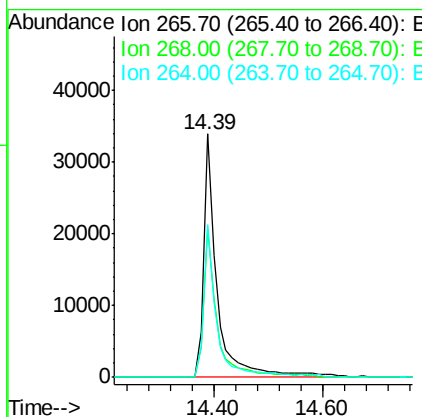
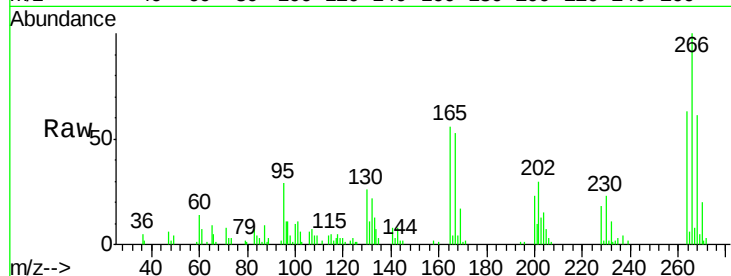
#69  
 Pentachlorophenol  
 Concen: 68.30 ng  
 RT: 14.39 min Scan# 1120  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.4  | 50.6  | 75.8  |
| 264     | 63.0  | 49.5  | 74.3  |

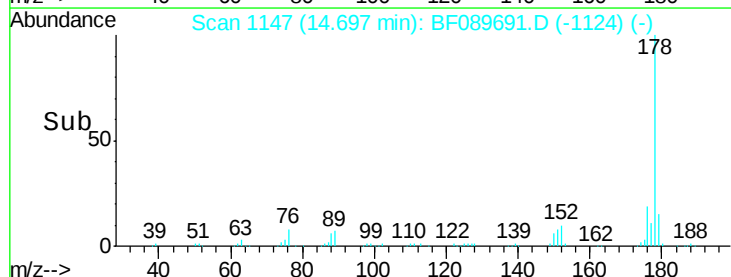
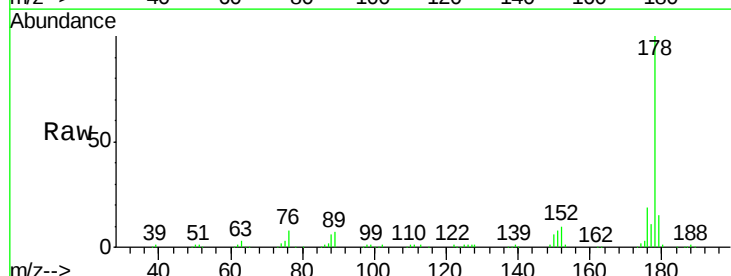
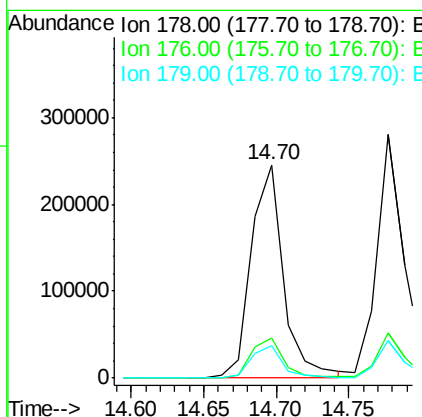
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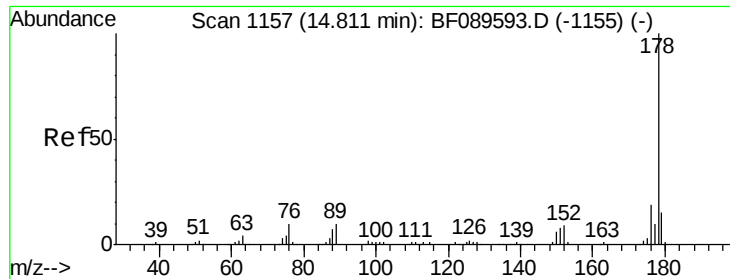
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#70  
 Phenanthrene  
 Concen: 37.21 ng  
 RT: 14.70 min Scan# 1147  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.7  | 23.5  |
| 179     | 15.0  | 12.2  | 18.2  |





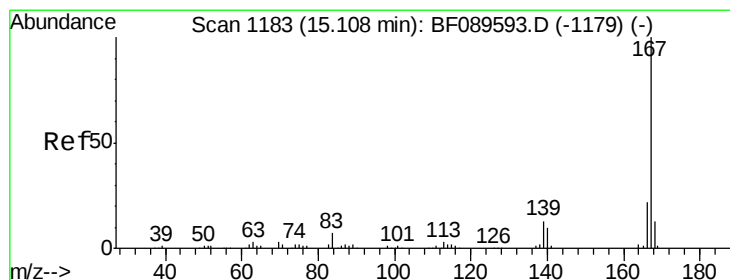
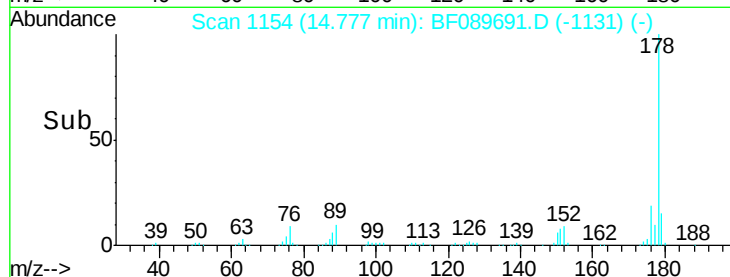
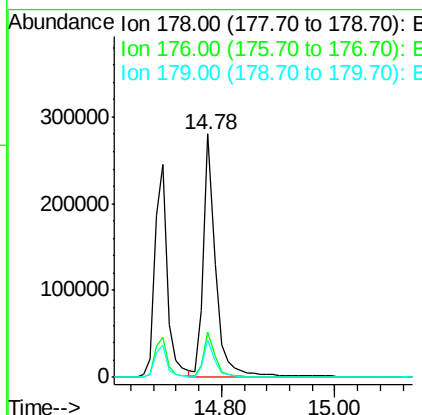
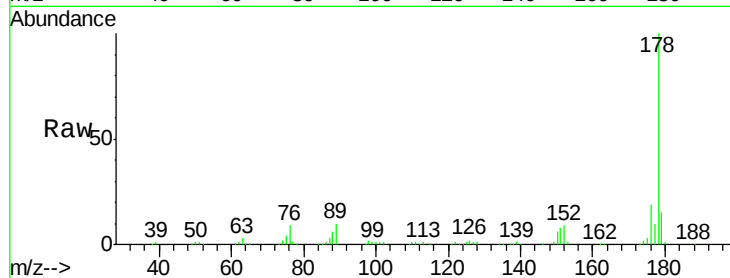
#71  
 Anthracene  
 Concen: 36.84 ng  
 RT: 14.78 min Scan# 1154  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.0  | 22.4  |
| 179     | 15.4  | 12.4  | 18.6  |

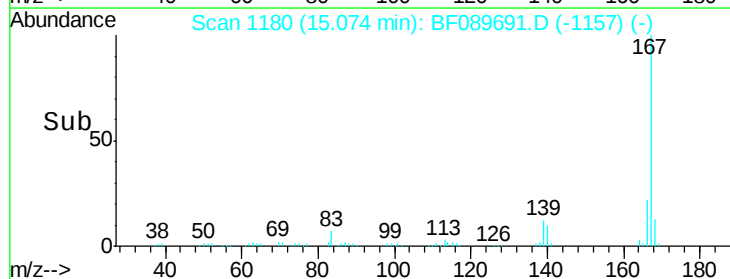
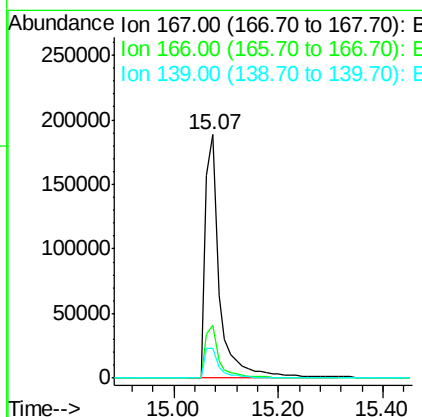
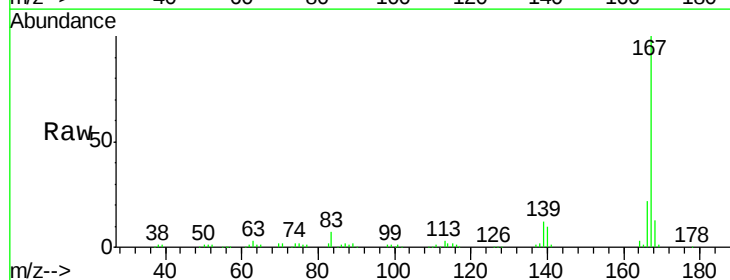
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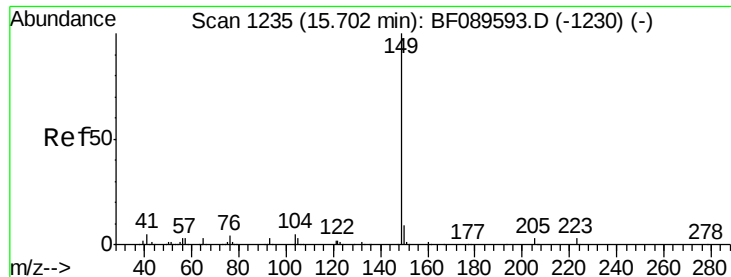
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#72  
 Carbazole  
 Concen: 39.45 ng  
 RT: 15.07 min Scan# 1180  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 17.5  | 26.3  |
| 139     | 12.4  | 10.4  | 15.6  |





#73

Di-n-butylphthalate

Concen: 37.24 ng

RT: 15.67 min Scan# 1232

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

Instrument :

BNA\_F

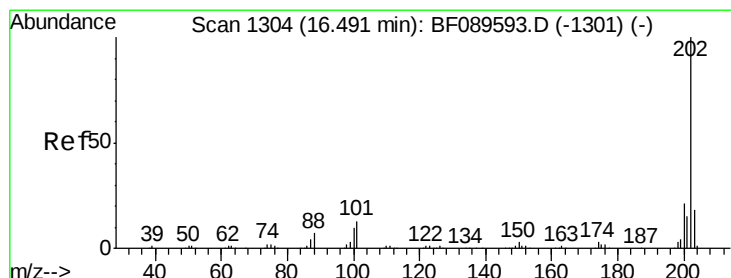
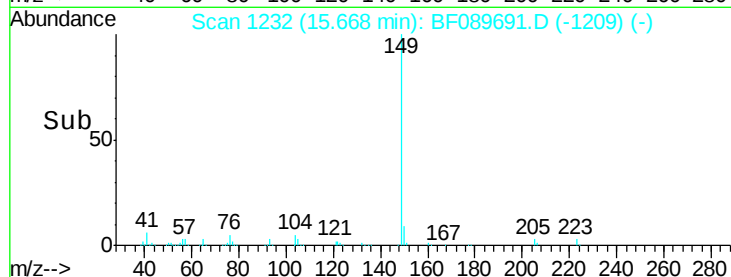
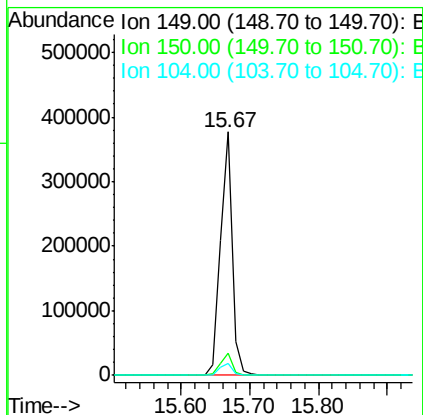
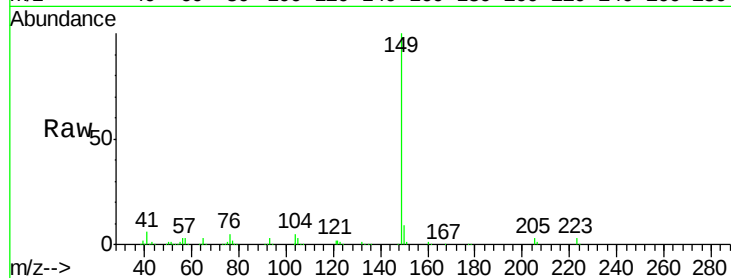
ClientSampled :

PB92784BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 460434 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.0   | 7.2   | 10.8   |
| 104       | 5.0   | 3.8   | 5.8    |

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#74

Fluoranthene

Concen: 37.34 ng

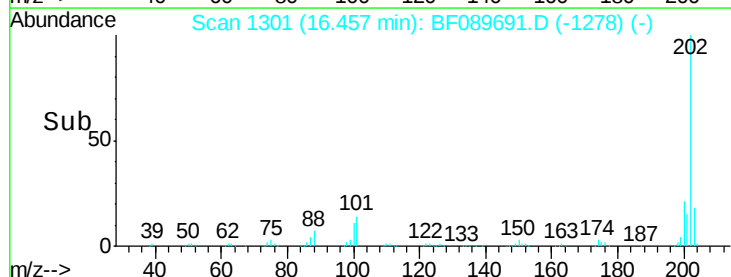
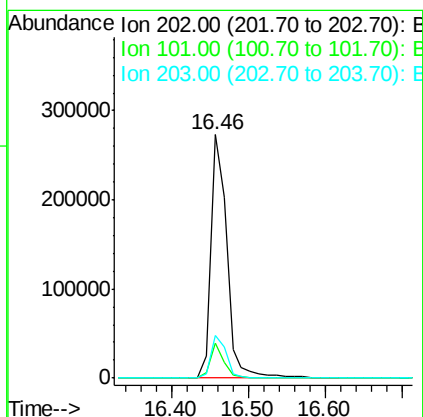
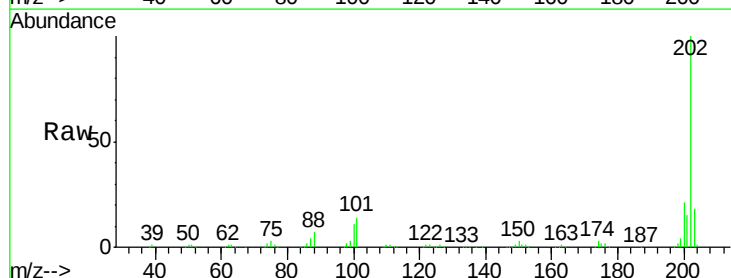
RT: 16.46 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF089691.D

Acq: 9 Aug 2016 16:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 392770 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 14.2  | 0.0   | 32.7   |
| 203       | 17.6  | 0.0   | 37.8   |





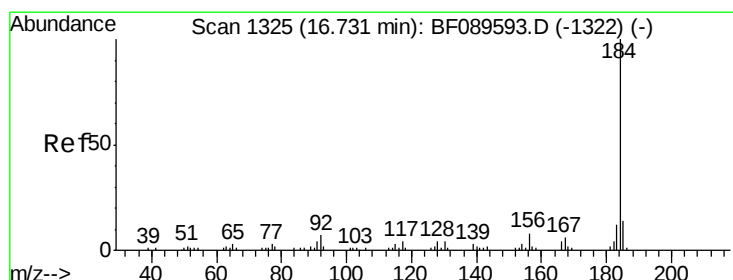
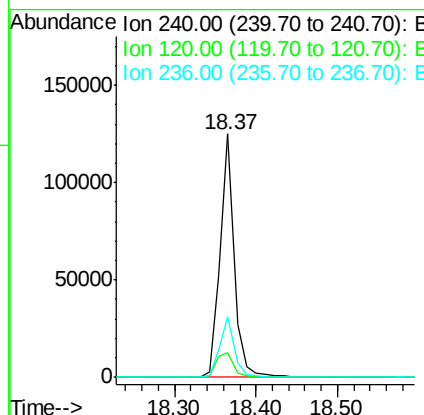
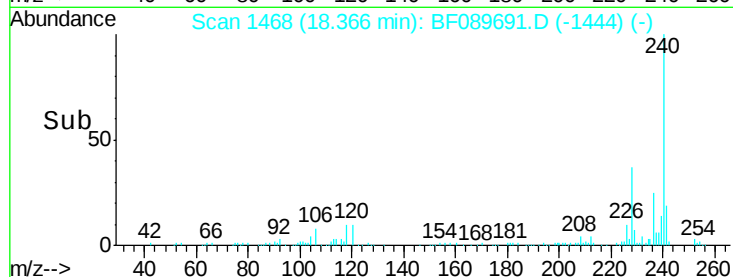
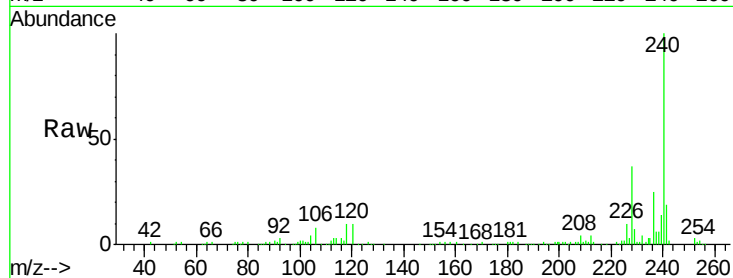
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 18.37 min Scan# 1468  
Delta R.T. -0.02 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.3  | 10.6  | 15.8# |
| 236     | 24.9  | 20.6  | 30.8  |

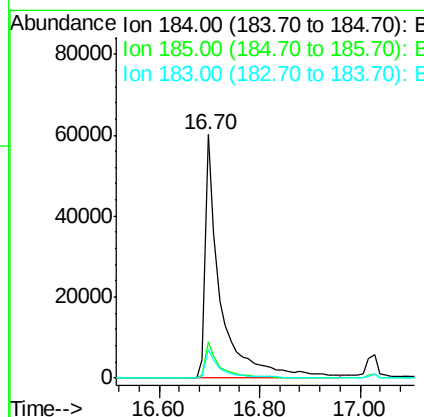
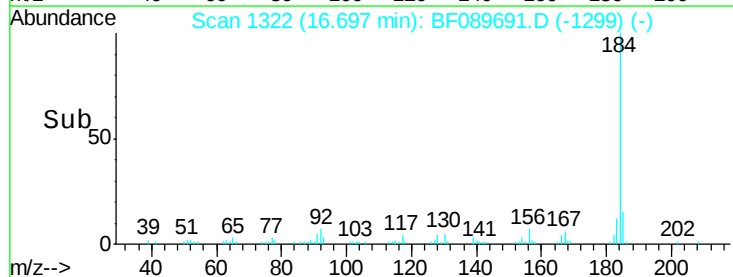
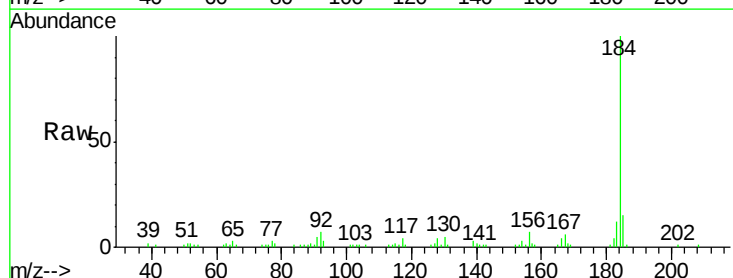
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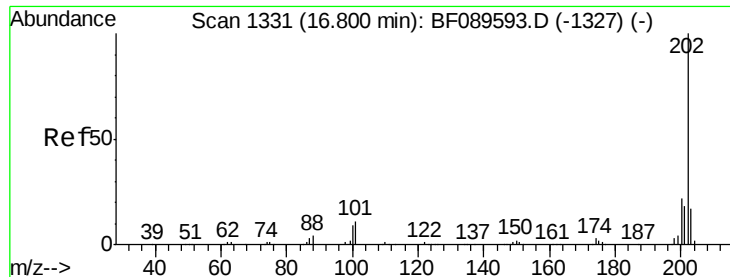
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#76  
Benzidine  
Concen: 28.02 ng  
RT: 16.70 min Scan# 1322  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.8  | 11.5  | 17.3  |
| 183     | 11.9  | 9.8   | 14.8  |





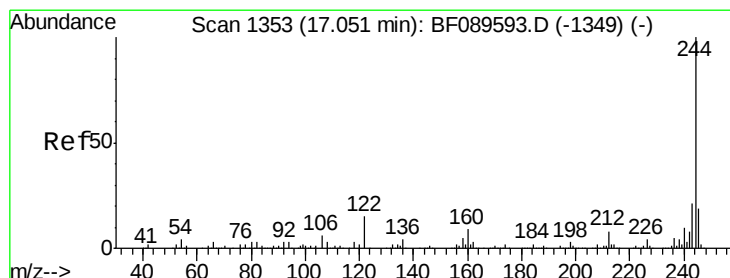
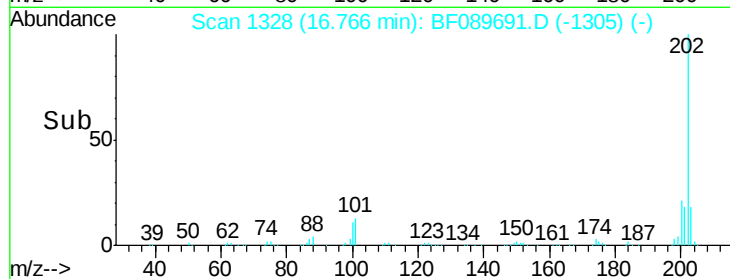
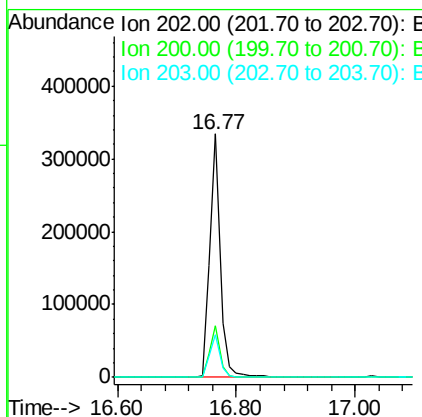
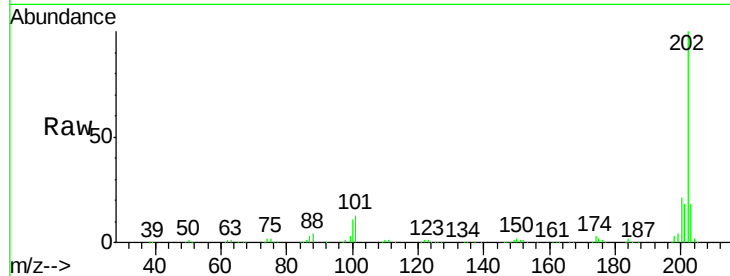
#77  
Pvrene  
Concen: 30.81 ng  
RT: 16.77 min Scan# 1328  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 409347 |       |       |
| 200     | 21.4  |        | 17.4  | 26.0  |
| 203     | 17.6  |        | 13.6  | 20.4  |

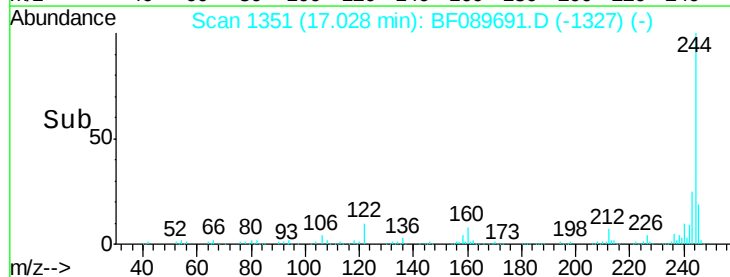
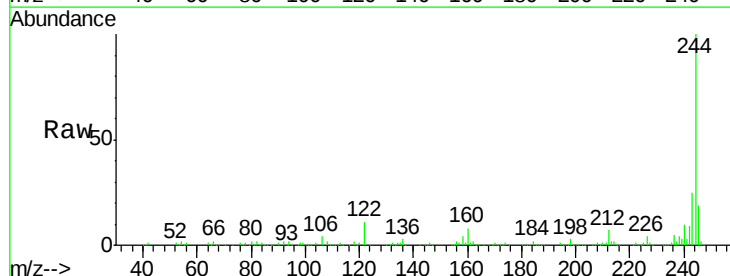
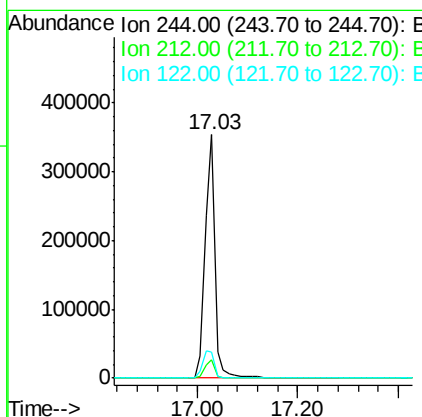
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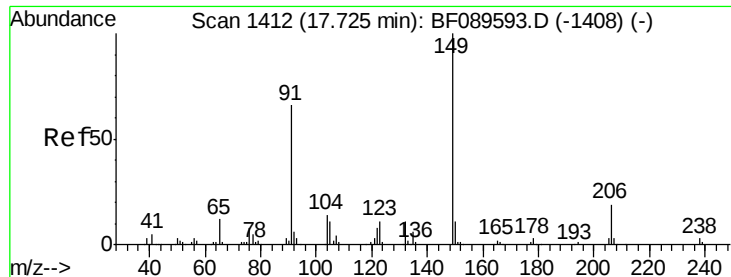
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#78  
Terphenyl-d14  
Concen: 63.08 ng  
RT: 17.03 min Scan# 1351  
Delta R.T. -0.02 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 480237 |       |       |
| 212     | 7.5   |        | 6.4   | 9.6   |
| 122     | 10.5  |        | 12.2  | 18.2# |





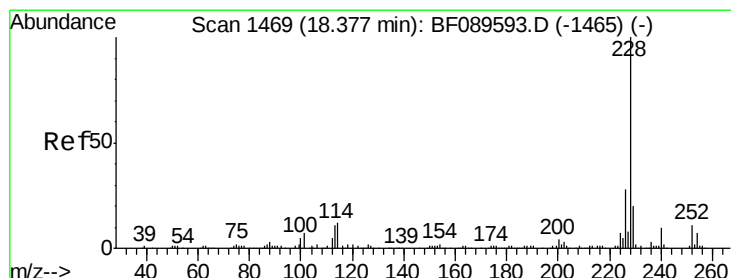
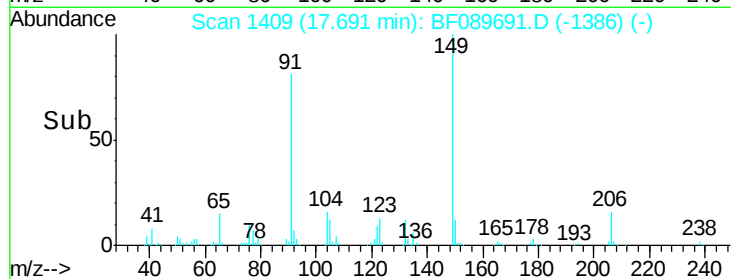
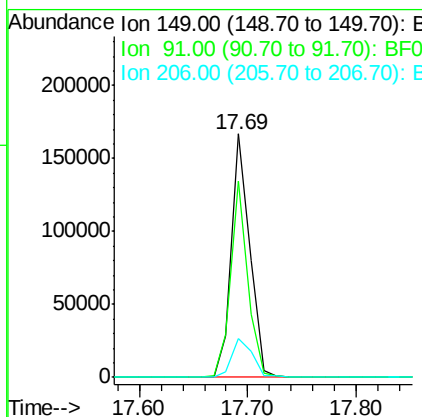
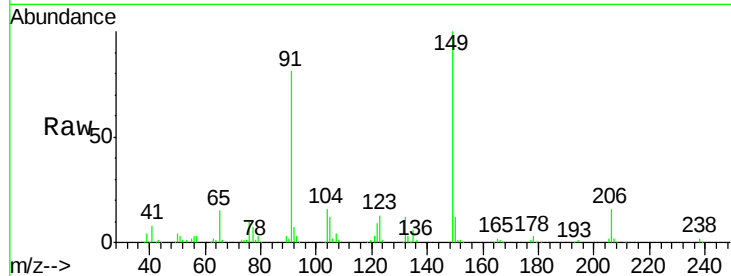
#79  
Butylbenzylphthalate  
Concen: 34.37 ng  
RT: 17.69 min Scan# 1409  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 194358 |       |       |
| 91      | 80.8  | 52.6   | 78.8# |       |
| 206     | 15.9  | 15.4   | 23.0  |       |

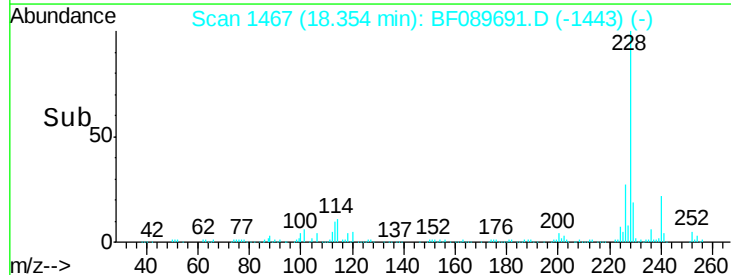
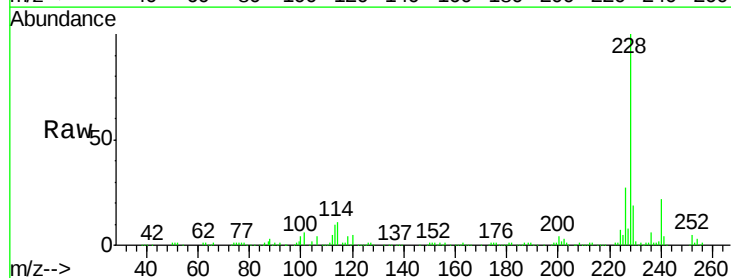
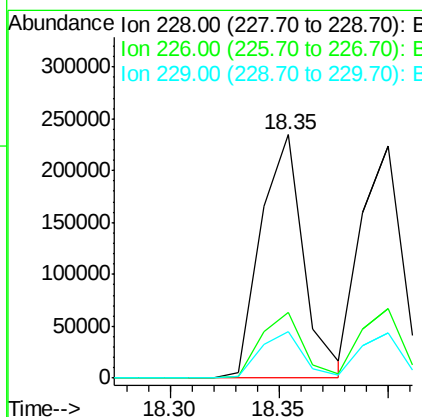
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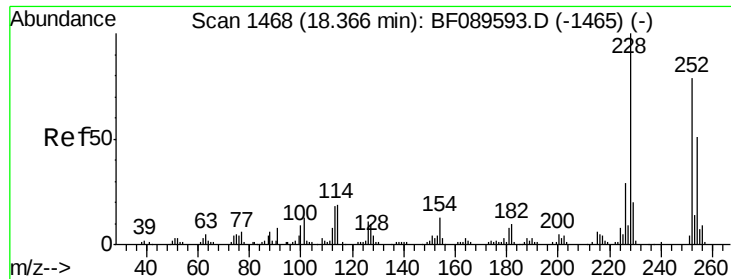
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#80  
Benzo(a)anthracene  
Concen: 37.19 ng  
RT: 18.35 min Scan# 1467  
Delta R.T. -0.02 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 321144 |       |       |
| 226     | 27.0  | 22.3   | 33.5  |       |
| 229     | 19.3  | 15.9   | 23.9  |       |





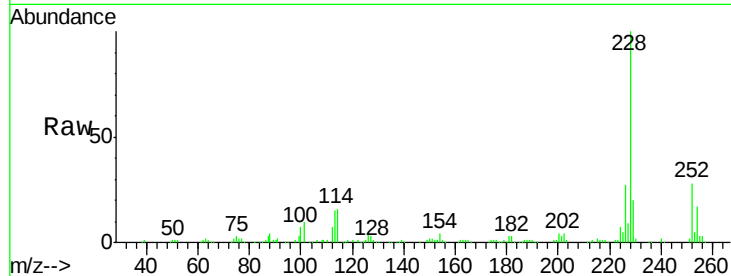
#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.89 ng  
 RT: 18.34 min Scan# 1466  
 Delta R.T. -0.02 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.0  | 51.7  | 77.5  |
| 126     | 13.4  | 11.0  | 16.4  |

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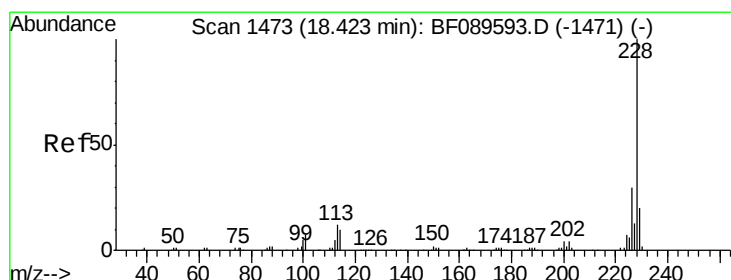
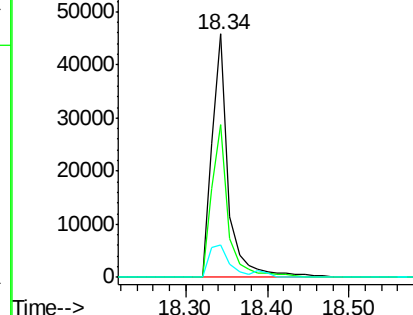
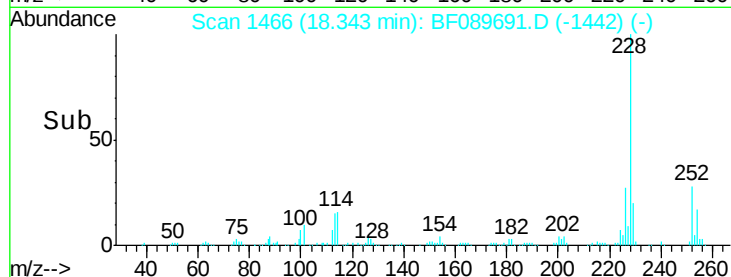


Abundance

Ion 252.00 (251.70 to 252.70): E

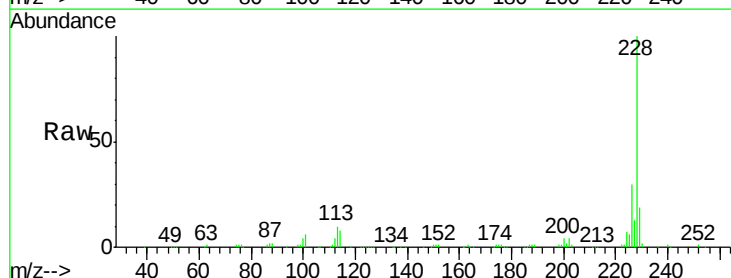
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82  
 Chrysene  
 Concen: 35.31 ng  
 RT: 18.40 min Scan# 1471  
 Delta R.T. -0.02 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.2  | 24.2  | 36.2  |
| 229     | 19.3  | 16.0  | 24.0  |

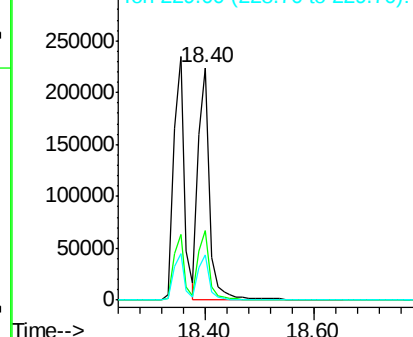
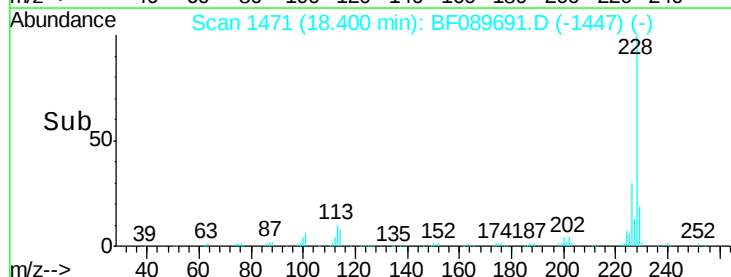


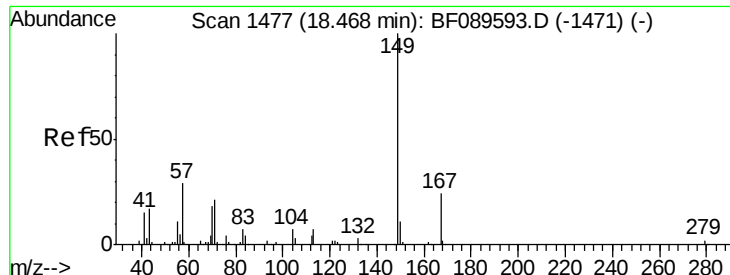
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





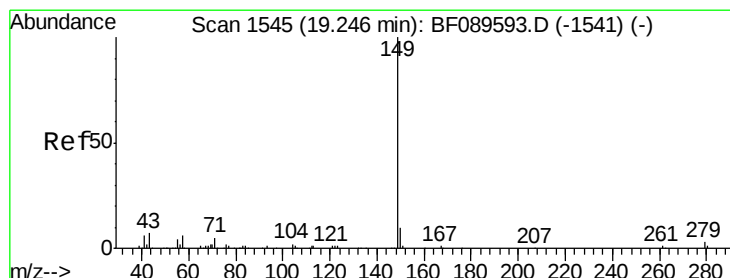
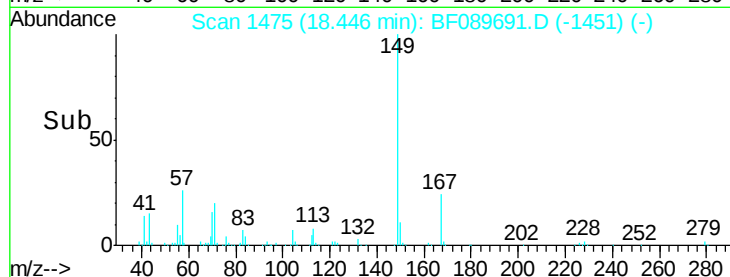
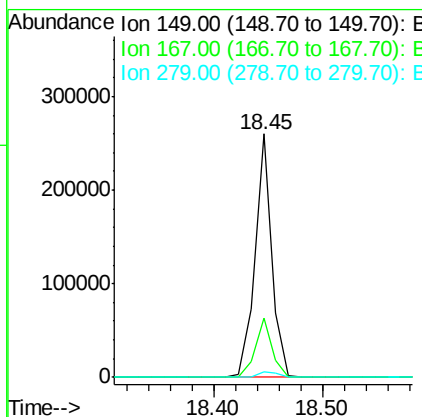
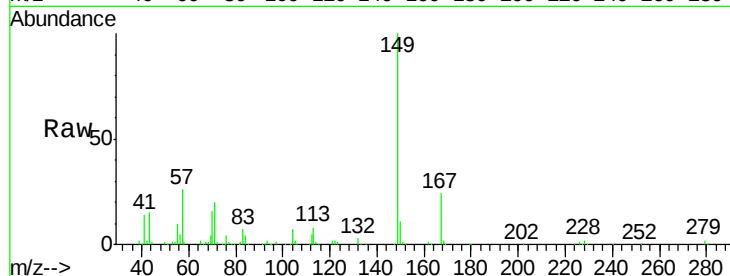
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 35.93 ng  
 RT: 18.45 min Scan# 1475  
 Delta R.T. -0.02 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 24.4  | 19.0  | 28.4  |
| 279     | 2.5   | 1.8   | 2.6   |

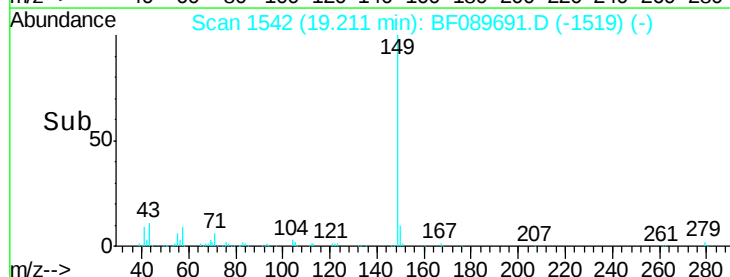
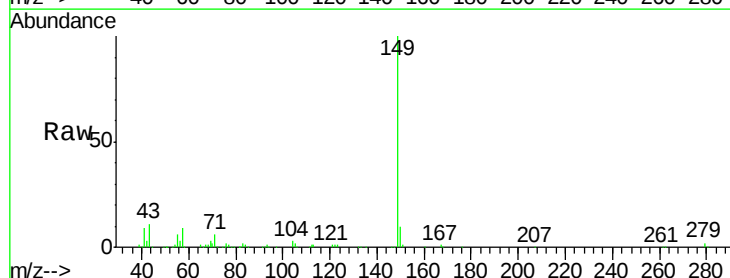
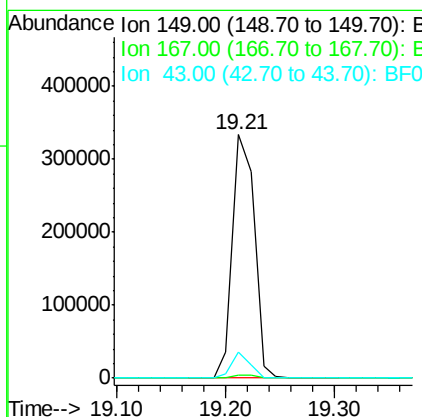
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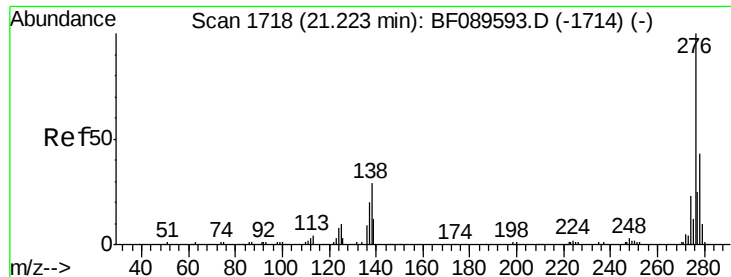
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#84  
 Di-n-octyl phthalate  
 Concen: 41.01 ng  
 RT: 19.21 min Scan# 1542  
 Delta R.T. -0.03 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.4   | 1.1   | 1.7   |
| 43      | 9.0   | 7.0   | 10.4  |





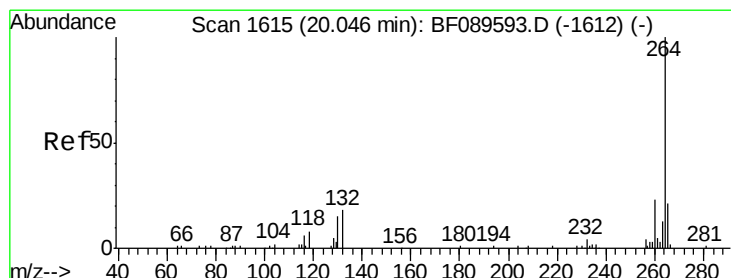
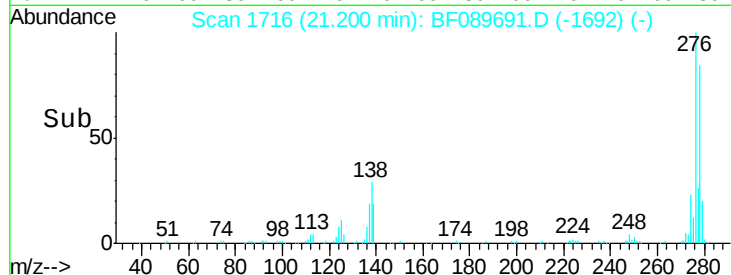
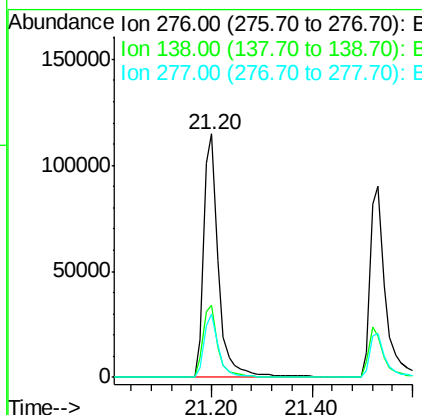
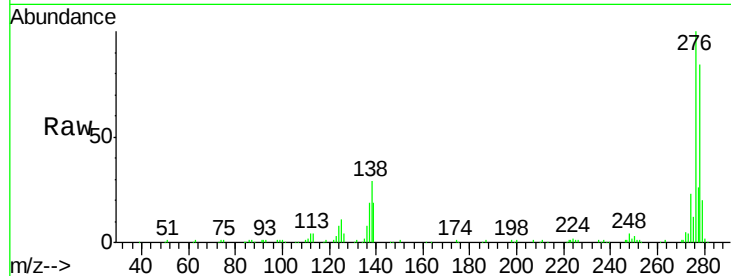
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 34.19 ng  
 RT: 21.20 min Scan# 1716  
 Delta R.T. -0.02 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92784BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 235224 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 29.7  | 23.8  | 35.8   |
| 277       | 25.4  | 20.3  | 30.5   |

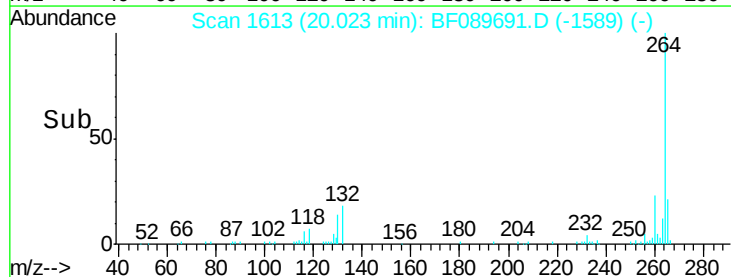
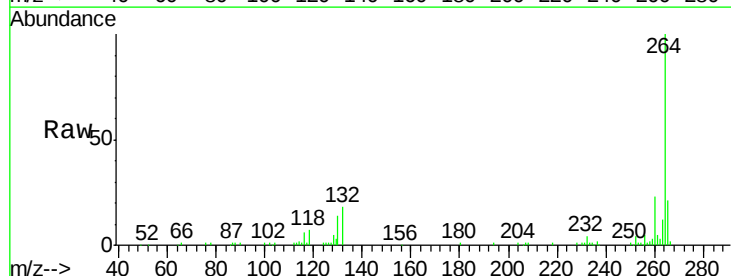
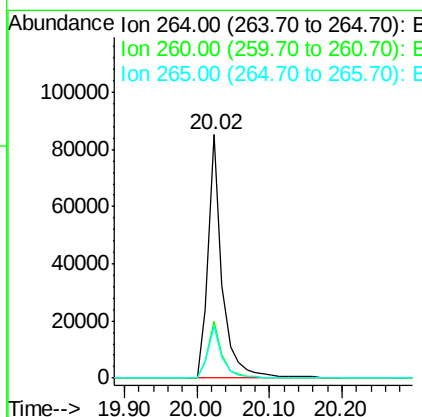
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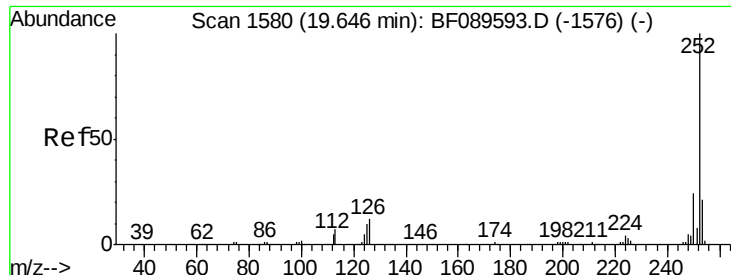
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 20.02 min Scan# 1613  
 Delta R.T. -0.02 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 115621 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.4  | 18.7  | 28.1   |
| 265       | 21.0  | 16.5  | 24.7   |





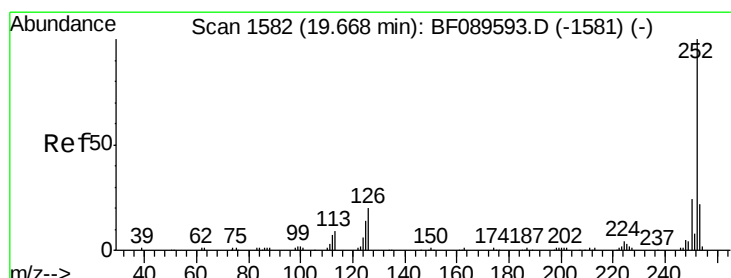
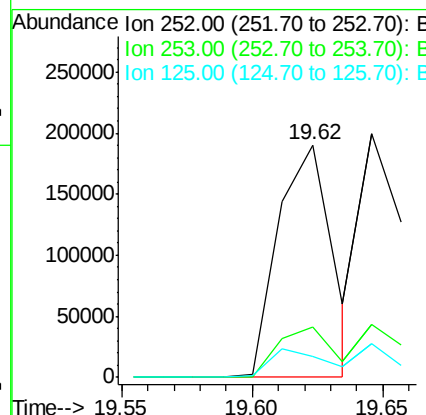
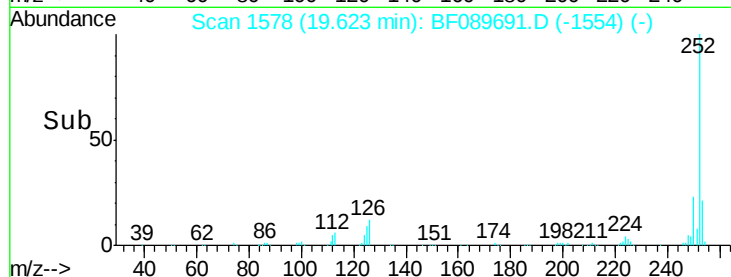
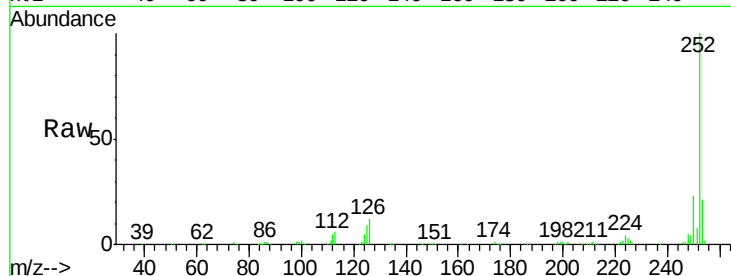
#87  
Benzo(b)fluoranthene  
Concen: 38.24 ng  
RT: 19.62 min Scan# 1578  
Delta R.T. -0.02 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.1  | 25.7  |
| 125     | 9.0   | 7.8   | 11.8  |

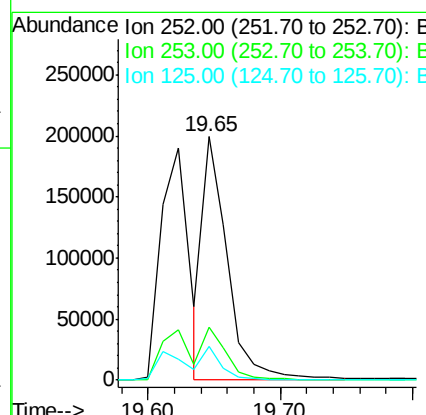
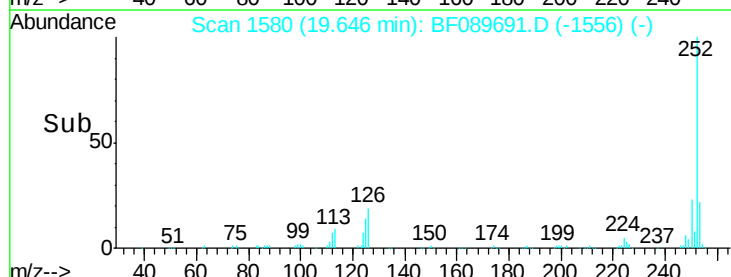
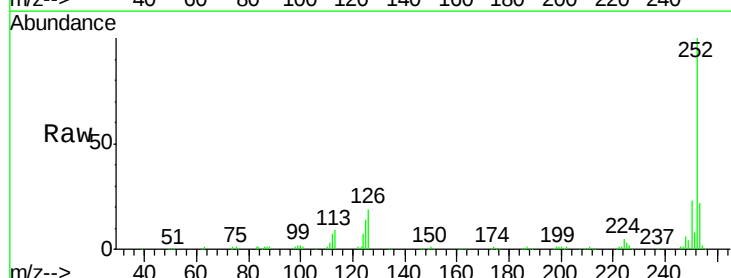
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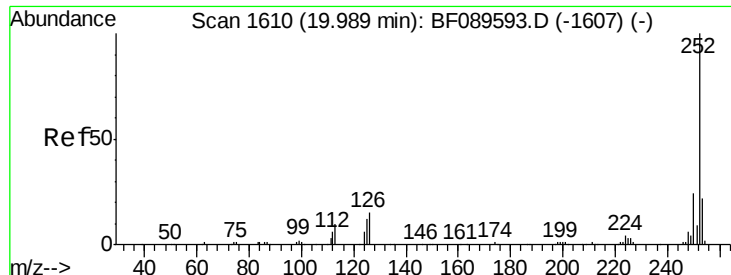
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#88  
Benzo(k)fluoranthene  
Concen: 37.44 ng m  
RT: 19.65 min Scan# 1580  
Delta R.T. -0.02 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.3  | 25.9  |
| 125     | 13.8  | 11.0  | 16.6  |





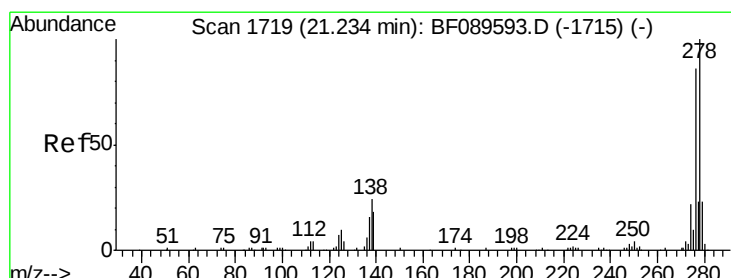
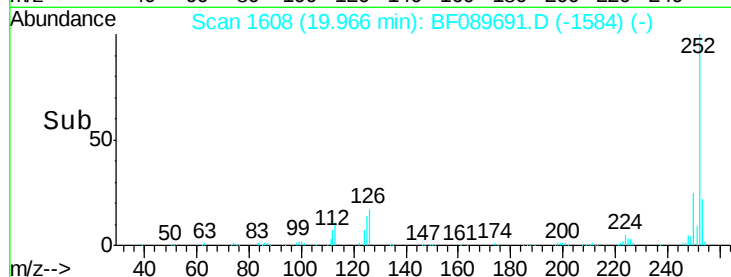
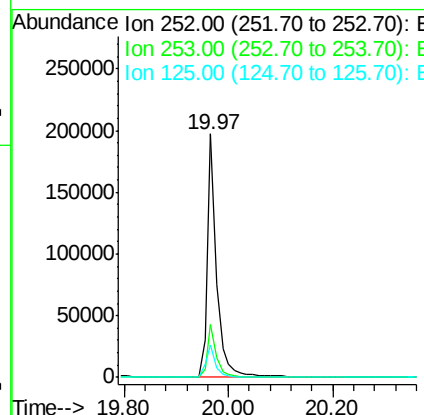
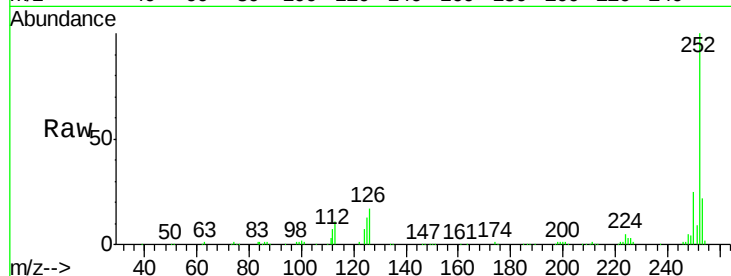
#89  
Benzo(a)pyrene  
Concen: 36.50 ng  
RT: 19.97 min Scan# 1608  
Delta R.T. -0.02 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

Instrument :  
BNA\_F  
ClientSampled :  
PB92784BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.4  | 26.0  |
| 125     | 13.5  | 9.9   | 14.9  |

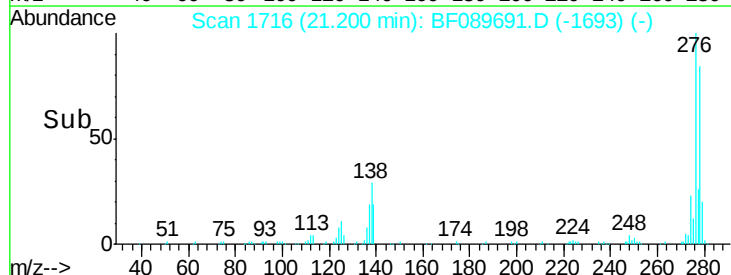
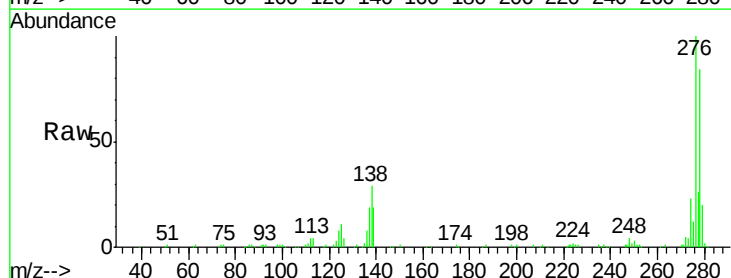
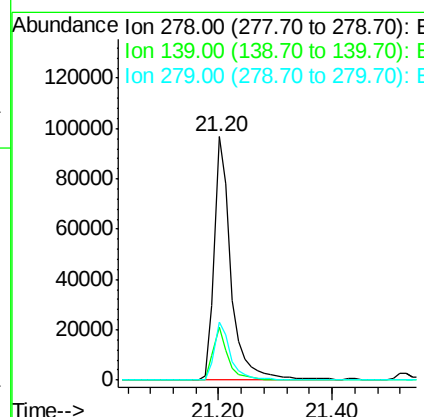
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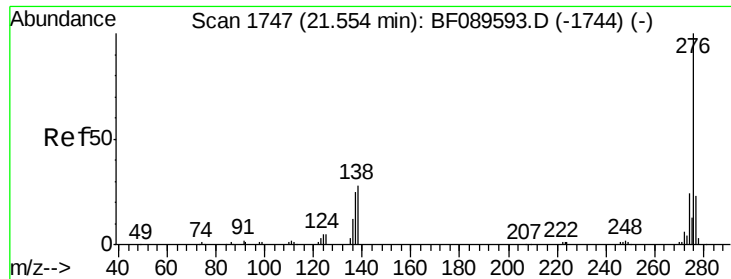
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#90  
Dibenzo(a,h)anthracene  
Concen: 31.29 ng  
RT: 21.20 min Scan# 1716  
Delta R.T. -0.03 min  
Lab File: BF089691.D  
Acq: 9 Aug 2016 16:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.0  | 14.6  | 21.8# |
| 279     | 23.9  | 18.4  | 27.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 30.81 ng  
 RT: 21.53 min Scan# 1745  
 Delta R.T. -0.02 min  
 Lab File: BF089691.D  
 Acq: 9 Aug 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92784BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 23.1  | 18.6       | 28.0  |
| 138     | 21.5  | 22.6       | 33.8  |

Manual Integrations  
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