

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\  
 Data File : BF089450.D  
 Acq On : 30 Jul 2016 13:43  
 Operator : UM/SJ  
 Sample : H4221-04MS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

Manual Integrations  
 APPROVED

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 8/1/2016 7:18:31 PM

Quant Time: Aug 01 04:16:12 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 01 04:11:30 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.50  | 152  | 46128    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.79  | 136  | 190013   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.53  | 164  | 86322    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.01 | 188  | 151151   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.62 | 240  | 81328    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 14.95 | 264  | 81665    | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.07  | 112  | 267118   | 92.46 | ng    | 0.01     |
| 7) Phenol-d6                | 6.17  | 99   | 350212   | 91.73 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.07  | 82   | 217619   | 67.60 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.32 | 330  | 63262    | 88.49 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 8.87  | 172  | 392563   | 66.74 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.58 | 244  | 233455   | 67.18 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 1.94 | 88   | 34671    | 25.19 | ng    | # 87   |
| 3) Pyridine                    | 2.54 | 79   | 88450    | 31.29 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 2.50 | 42   | 39918    | 36.51 | ng    | # 98   |
| 6) Aniline                     | 6.17 | 93   | 102232   | 24.80 | ng    | # 82   |
| 8) 2-Chlorophenol              | 6.28 | 128  | 103960   | 31.81 | ng    | 88     |
| 9) Benzaldehyde                | 6.04 | 77   | 60604    | 32.51 | ng    | 98     |
| 10) Phenol                     | 6.18 | 94   | 143987   | 34.18 | ng    | 85     |
| 11) bis(2-Chloroethyl)ether    | 6.25 | 93   | 111172   | 31.06 | ng    | 96     |
| 12) 1,3-Dichlorobenzene        | 6.43 | 146  | 104069   | 30.45 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.52 | 146  | 109137   | 28.93 | ng    | 93     |
| 14) 1,2-Dichlorobenzene        | 6.67 | 146  | 110339   | 31.22 | ng    | 98     |
| 15) Benzyl Alcohol             | 6.66 | 79   | 91883    | 38.78 | ng    | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.80 | 45   | 120992   | 30.99 | ng    | 92     |
| 17) 2-Methylphenol             | 6.79 | 107  | 78402    | 31.04 | ng    | 96     |
| 18) Hexachloroethane           | 7.00 | 117  | 41581    | 28.75 | ng    | 93     |
| 19) n-Nitroso-di-n-propylamine | 6.94 | 70   | 84157    | 36.55 | ng    | 92     |
| 20) 3+4-Methylphenols          | 6.95 | 107  | 112657   | 34.73 | ng    | # 87   |
| 22) Acetophenone               | 6.92 | 105  | 138891   | 30.70 | ng    | # 97   |
| 24) Nitrobenzene               | 7.10 | 77   | 116144   | 31.70 | ng    | 95     |
| 25) Isophorone                 | 7.34 | 82   | 200576   | 30.93 | ng    | 97     |
| 26) 2-Nitrophenol              | 7.42 | 139  | 55659    | 33.98 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 7.47 | 122  | 88206    | 33.80 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.56 | 93   | 132244   | 36.84 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 7.67 | 162  | 80815    | 33.99 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.74 | 180  | 90780    | 33.46 | ng    | 97     |
| 31) Naphthalene                | 7.82 | 128  | 301514   | 32.04 | ng    | 99     |
| 32) Benzoic acid               | 7.60 | 122  | 3706     | 2.04  | ng    | # 70   |
| 33) 4-Chloroaniline            | 7.88 | 127  | 48552    | 13.55 | ng    | 98     |
| 34) Hexachlorobutadiene        | 7.93 | 225  | 44230    | 28.46 | ng    | 98     |
| 35) Caprolactam                | 8.26 | 113  | 22259    | 31.01 | ng    | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.38 | 107  | 98101    | 34.71 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 8.50 | 142  | 201270   | 35.50 | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.67 | 216  | 75982    | 25.15 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 8.65 | 237  | 50956    | 61.50 | ng    | 99     |

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 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

Manual Integrations  
 APPROVED

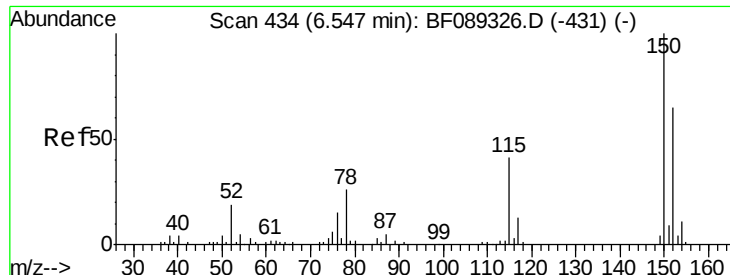
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 8/1/2016 7:18:31 PM

Quant Time: Aug 01 04:16:12 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 01 04:11:30 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.79  | 196  | 53293    | 37.11 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.83  | 196  | 62754    | 34.50 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 8.97  | 154  | 204363   | 27.80 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 8.98  | 162  | 178178   | 32.28 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.10  | 65   | 57034    | 34.89 | nq    | 90       |
| 48) Acenaphthylene             | 9.39  | 152  | 292012   | 33.59 | nq    | 100      |
| 49) Dimethylphthalate          | 9.28  | 163  | 349010   | 53.12 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.34  | 165  | 42308    | 31.34 | nq    | # 70     |
| 51) Acenaphthene               | 9.56  | 154  | 173011   | 34.08 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.51  | 138  | 34706    | 24.36 | nq    | 90       |
| 53) 2,4-Dinitrophenol          | 9.63  | 184  | 6403     | 19.97 | nq    | 100      |
| 54) Dibenzofuran               | 9.74  | 168  | 252852   | 36.55 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.70  | 139  | 32527m   | 49.44 | nq    |          |
| 56) 2,4-Dinitrotoluene         | 9.75  | 165  | 55541    | 31.25 | nq    | # 60     |
| 57) Fluorene                   | 10.08 | 166  | 198828   | 32.92 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.86  | 232  | 41974    | 34.56 | nq    | 93       |
| 59) Diethylphthalate           | 9.98  | 149  | 258846   | 38.86 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.08 | 204  | 88390    | 31.91 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.12 | 138  | 42421    | 28.89 | nq    | 85       |
| 62) Azobenzene                 | 10.24 | 77   | 233191   | 34.00 | nq    | 85       |
| 64) 4,6-Dinitro-2-methylphenol | 10.15 | 198  | 16470    | 20.76 | nq    | # 36     |
| 65) n-Nitrosodiphenylamine     | 10.19 | 169  | 161291   | 34.20 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.56 | 248  | 52771    | 36.57 | nq    | 92       |
| 67) Hexachlorobenzene          | 10.62 | 284  | 46253    | 31.28 | nq    | # 85     |
| 68) Atrazine                   | 10.74 | 200  | 50525    | 34.87 | nq    | 97       |
| 69) Pentachlorophenol          | 10.82 | 266  | 36629    | 53.31 | nq    | 98       |
| 70) Phenanthrene               | 11.03 | 178  | 267374   | 34.30 | nq    | 99       |
| 71) Anthracene                 | 11.07 | 178  | 269600   | 31.11 | nq    | 99       |
| 72) Carbazole                  | 11.25 | 167  | 230867   | 31.64 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.59 | 149  | 296764   | 30.32 | nq    | 98       |
| 74) Fluoranthene               | 12.21 | 202  | 239271   | 29.18 | nq    | 100      |
| 76) Benzidine                  | 12.34 | 184  | 29727    | 9.89  | nq    | # 1      |
| 77) Pyrene                     | 12.42 | 202  | 216853   | 35.18 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.06 | 149  | 92444    | 32.99 | nq    | 95       |
| 80) Benzo(a)anthracene         | 13.61 | 228  | 153900   | 33.53 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.59 | 252  | 34828    | 21.09 | nq    | 98       |
| 82) Chrysene                   | 13.65 | 228  | 149609   | 30.62 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.63 | 149  | 126793   | 31.30 | nq    | # 94     |
| 84) Di-n-octyl phthalate       | 14.24 | 149  | 310146   | 49.06 | nq    | # 78     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.13 | 276  | 180969   | 52.10 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.61 | 252  | 139063m  | 27.42 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.63 | 252  | 146977m  | 31.52 | nq    |          |
| 89) Benzo(a)pyrene             | 14.90 | 252  | 144416   | 31.74 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.14 | 278  | 147421   | 41.13 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 16.48 | 276  | 154980   | 43.99 | nq    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

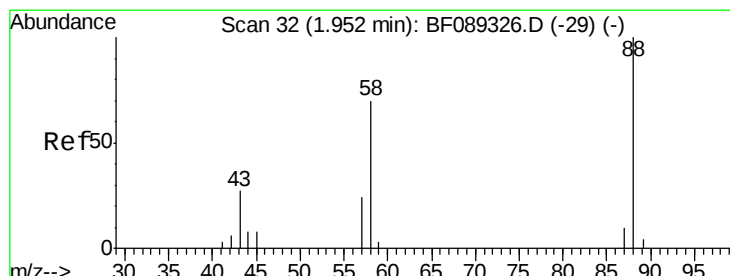
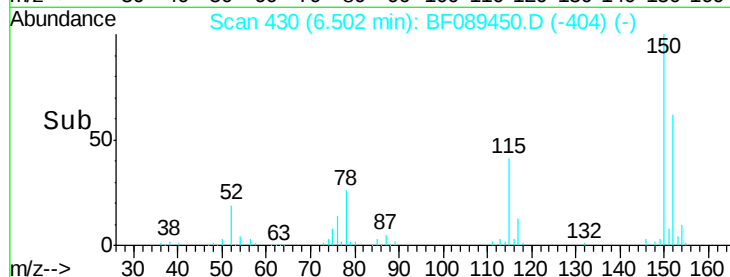
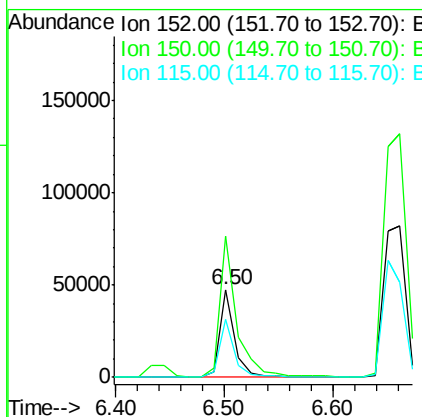
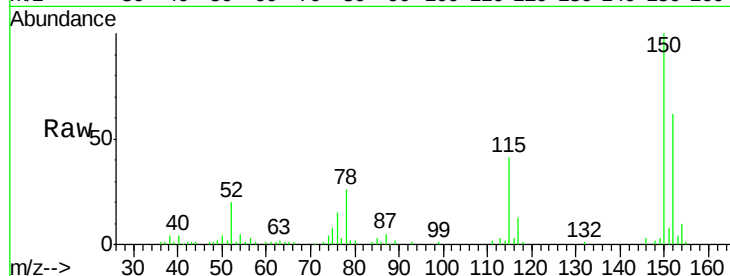
ClientSampleId :

SB-44-7.0-8.0MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 152   | Resp: | 46128 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 161.0 | 129.5 | 194.3 |
| 115       | 65.9  | 51.4  | 77.2  |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 25.19 ng

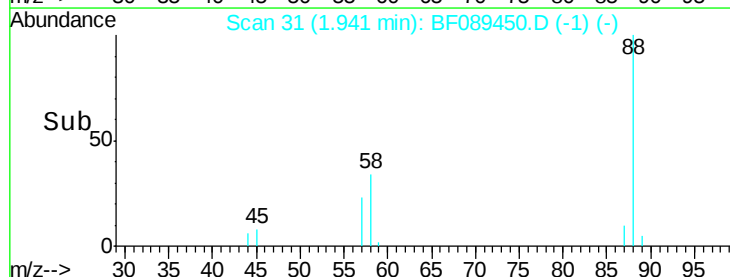
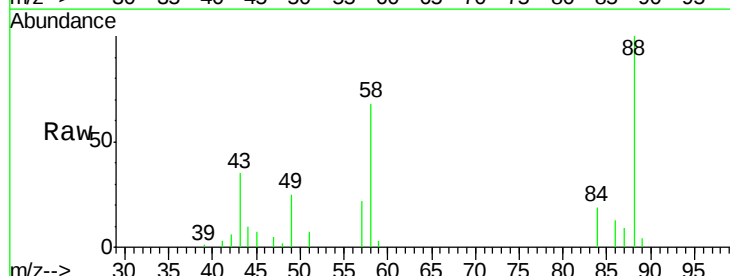
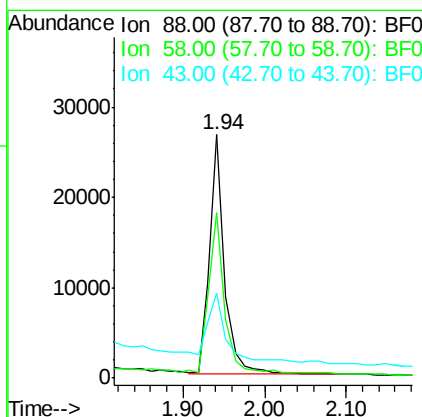
RT: 1.94 min Scan# 31

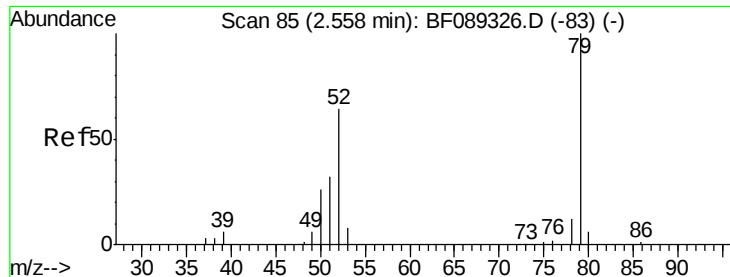
Delta R.T. 0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 34671 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 74.7  | 53.2  | 79.8  |
| 43        | 35.4  | 20.6  | 31.0# |





#3

Pvridine

Concen: 31.29 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

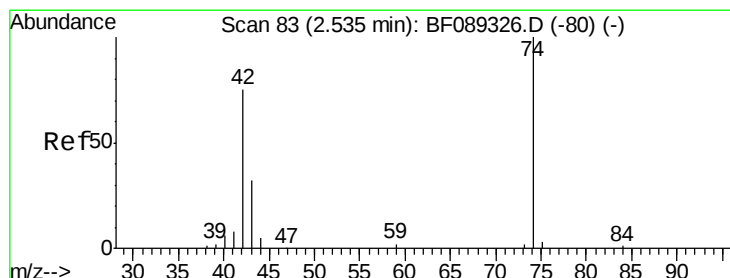
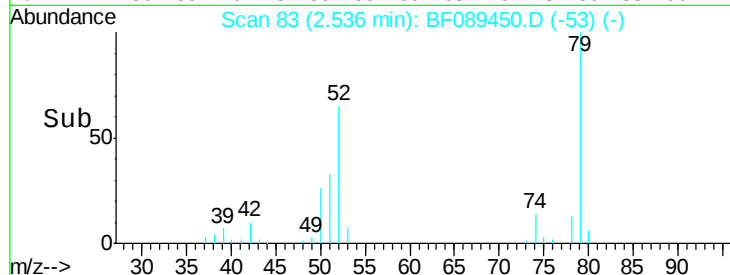
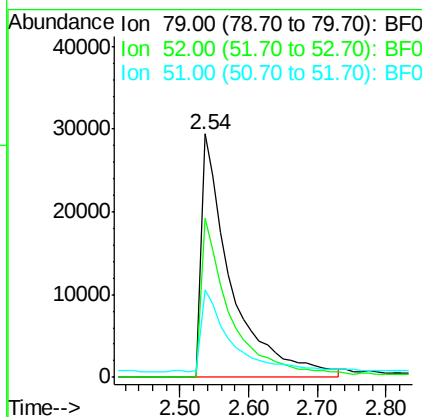
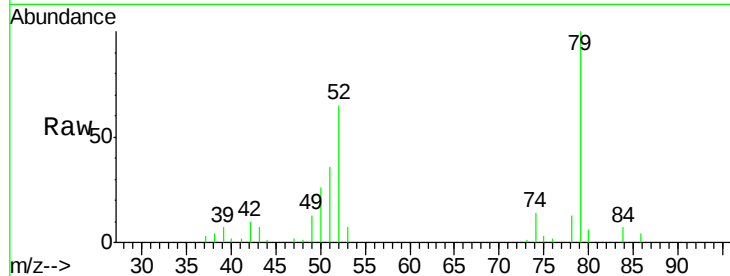
ClientSampleId :

SB-44-7.0-8.0MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 88450 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 65.5  | 51.9  | 77.9  |
| 51       | 36.1  | 28.2  | 42.4  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 36.51 ng

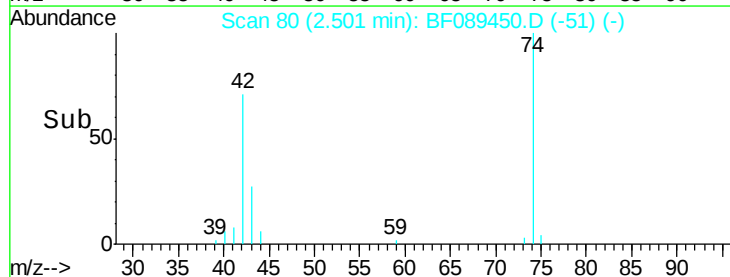
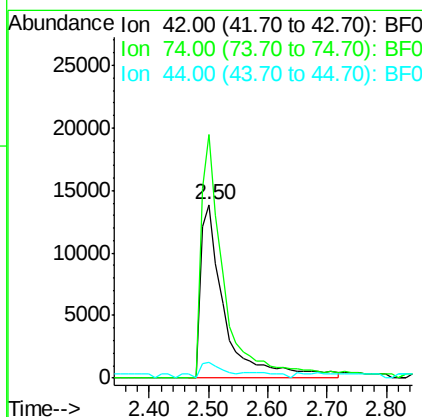
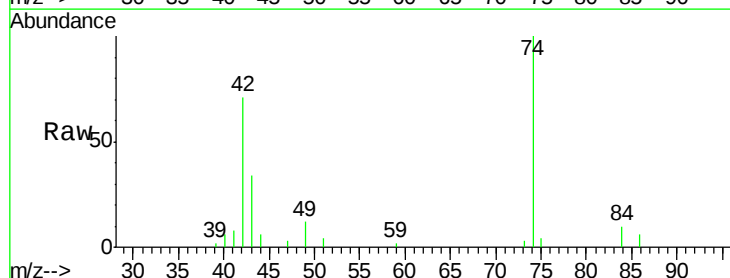
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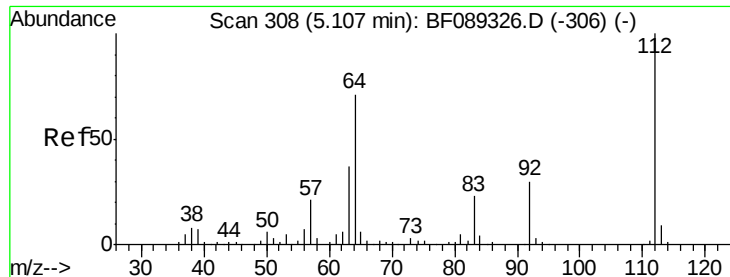
Delta R.T. 0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 39918 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 140.3 | 110.8 | 166.2 |
| 44       | 8.9   | 5.2   | 7.8#  |





#5

2-Fluorophenol

Concen: 92.46 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.01 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

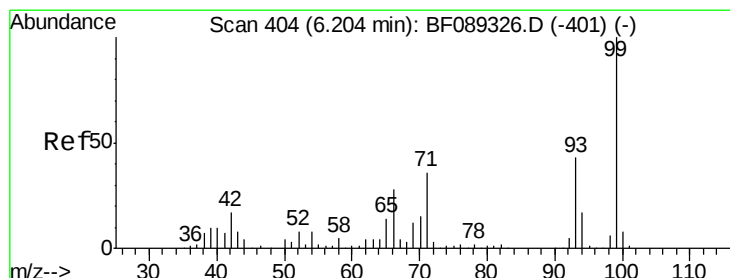
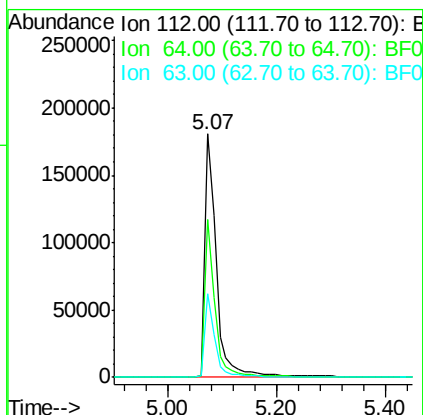
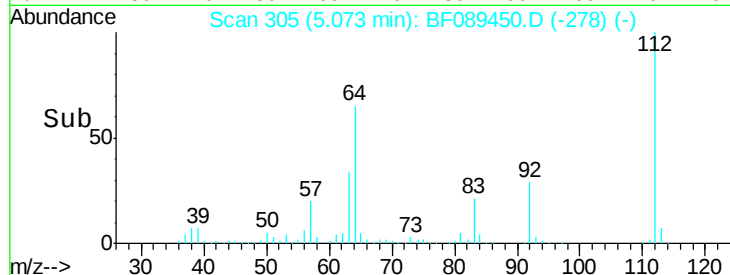
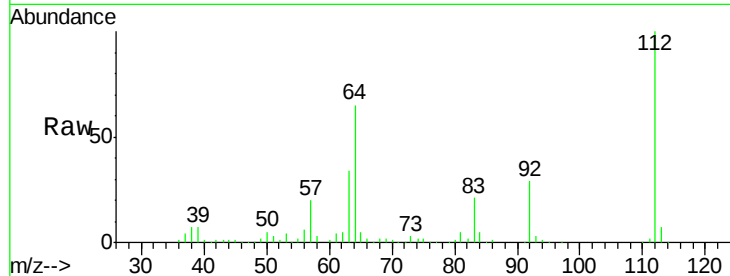
ClientSampleId :

SB-44-7.0-8.0MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 267118 |       |       |
| 64      | 65.0  | 55.0   | 82.6  |       |
| 63      | 34.4  | 29.4   | 44.2  |       |

Manual Integrations  
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#6

Aniline

Concen: 24.80 ng

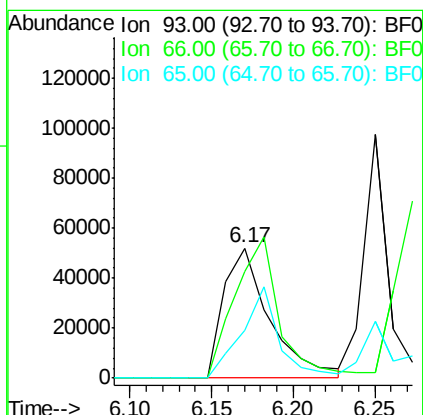
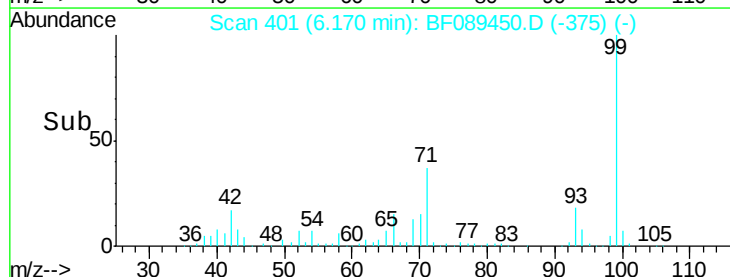
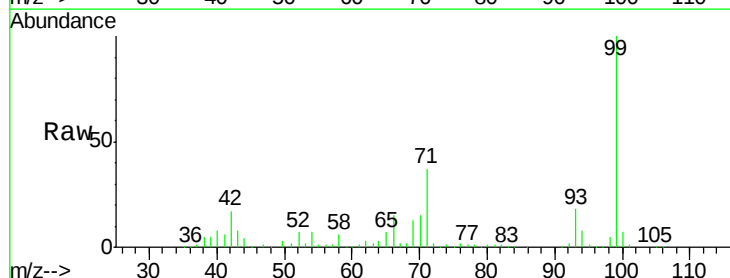
RT: 6.17 min Scan# 401

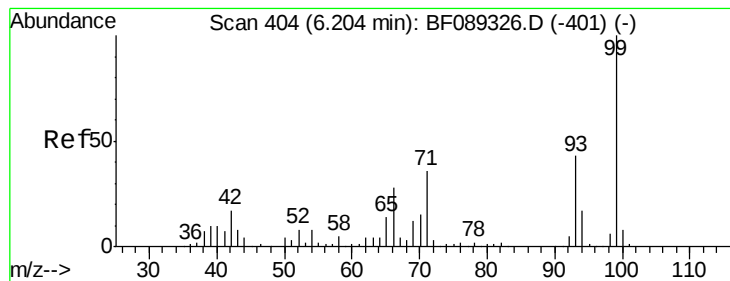
Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 102232 |       |       |
| 66      | 82.2  | 51.6   | 77.4  | #     |
| 65      | 36.2  | 24.7   | 37.1  |       |





#7

Phenol-d6

Concen: 91.73 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

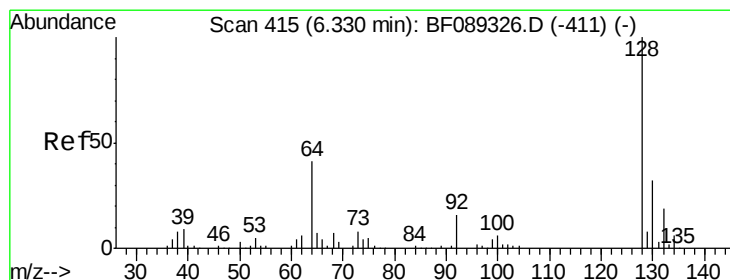
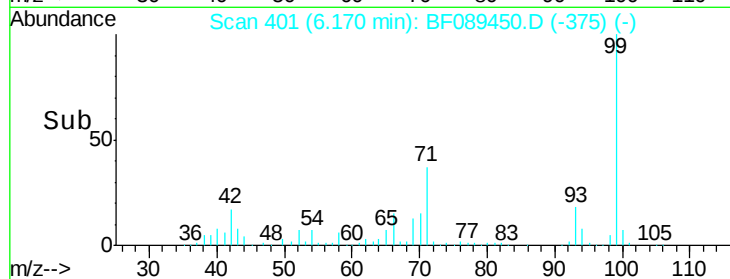
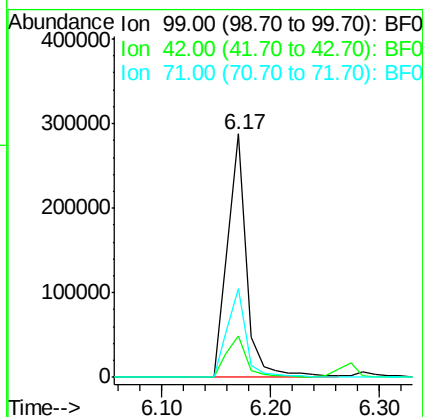
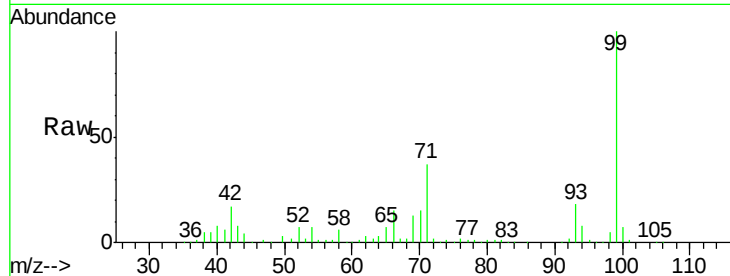
ClientSampleId :

SB-44-7.0-8.0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 350212 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.0  | 13.6  | 20.4   |
| 71        | 36.6  | 29.4  | 44.2   |

Manual Integrations  
APPROVED

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#8

2-Chlorophenol

Concen: 31.81 ng

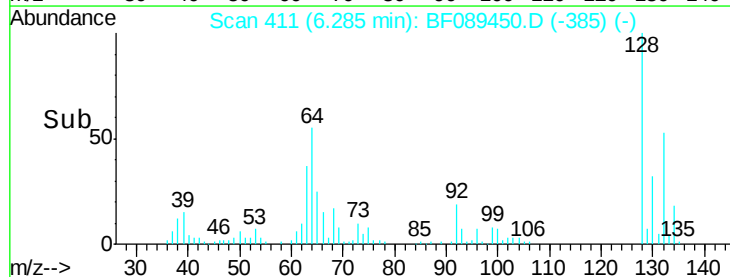
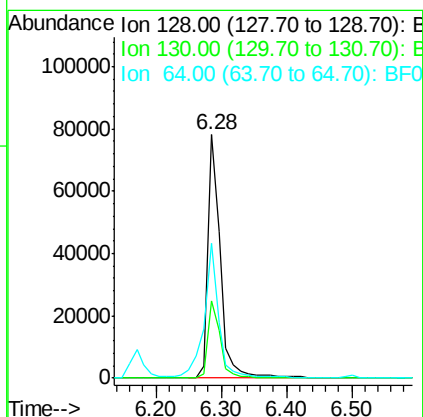
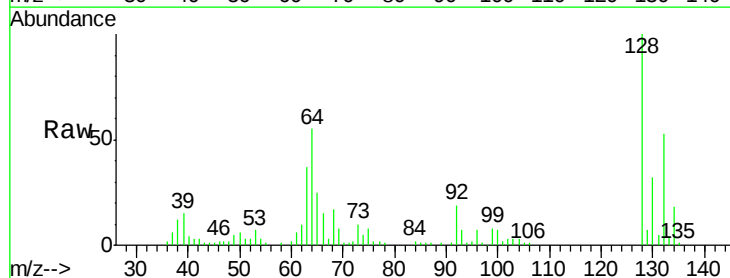
RT: 6.28 min Scan# 411

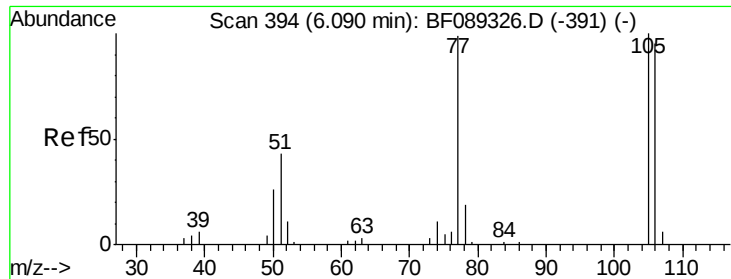
Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 103960 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.7  | 12.6  | 52.6   |
| 64        | 55.4  | 22.1  | 62.1   |





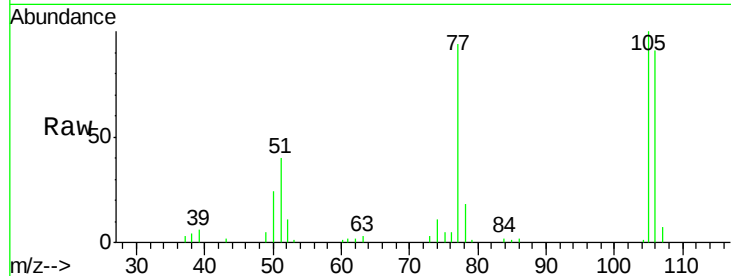
#9  
Benzaldehyde  
Concen: 32.51 ng  
RT: 6.04 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

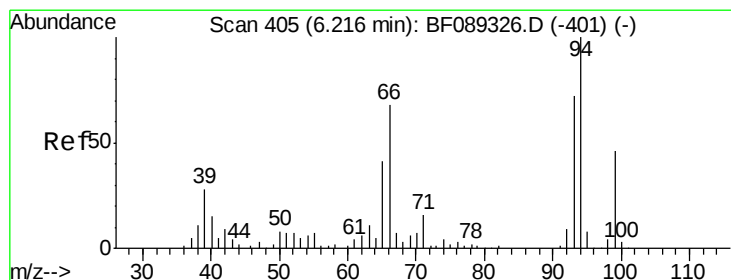
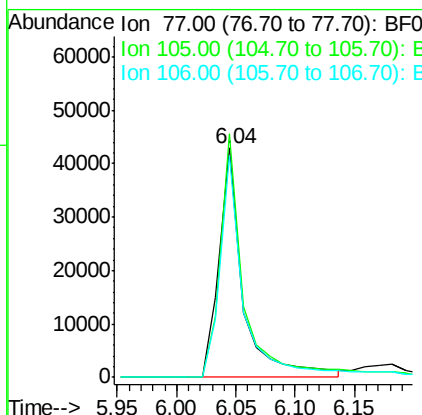
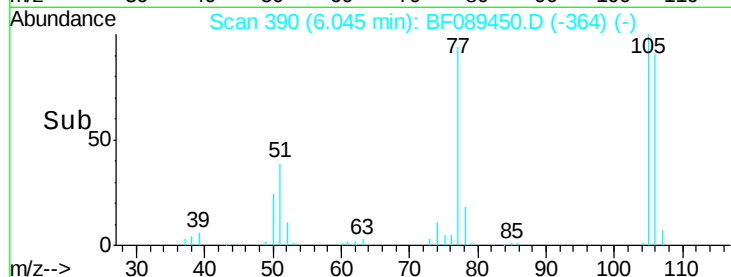
Tot Ion: 77 Resp: 60604  
Ion Ratio Lower Upper  
77 100  
105 106.3 82.9 122.9  
106 96.6 75.9 115.9

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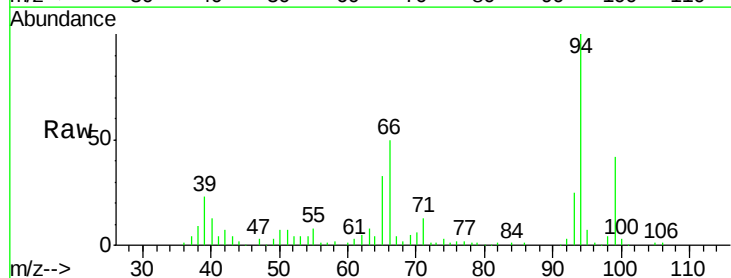


Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): BF0  
Ion 106.00 (105.70 to 106.70): BF0

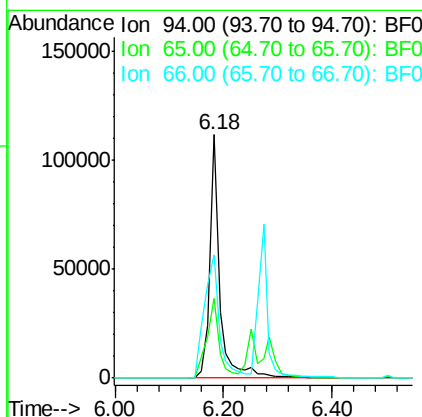
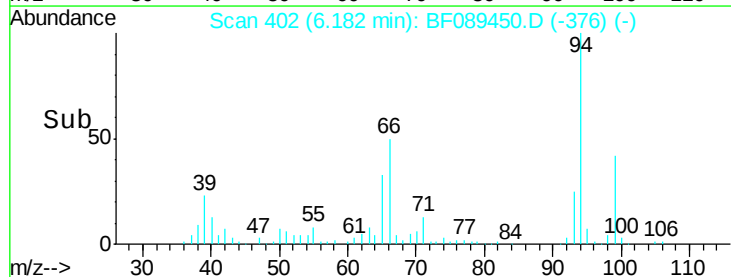


#10  
Phenol  
Concen: 34.18 ng  
RT: 6.18 min Scan# 402  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Tgt Ion: 94 Resp: 143987  
Ion Ratio Lower Upper  
94 100  
65 32.9 19.1 59.1  
66 50.4 44.4 84.4



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





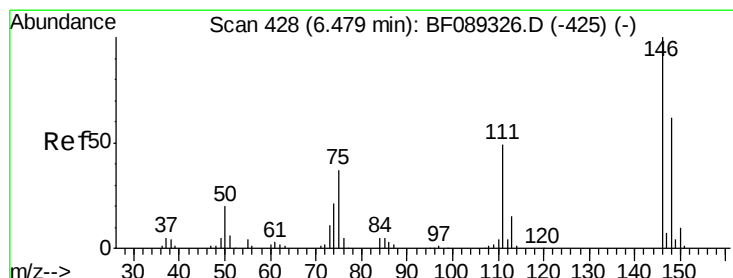
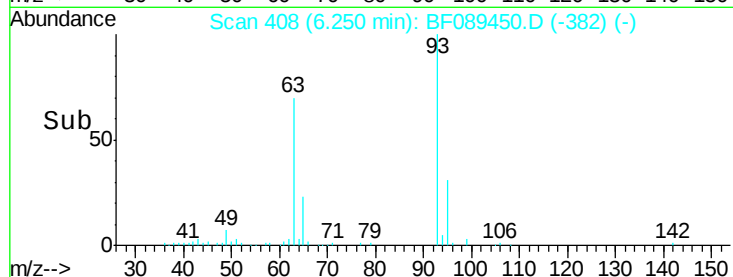
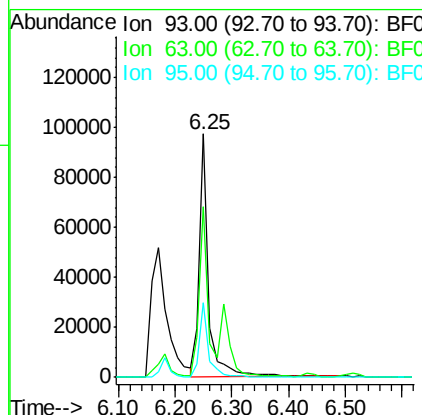
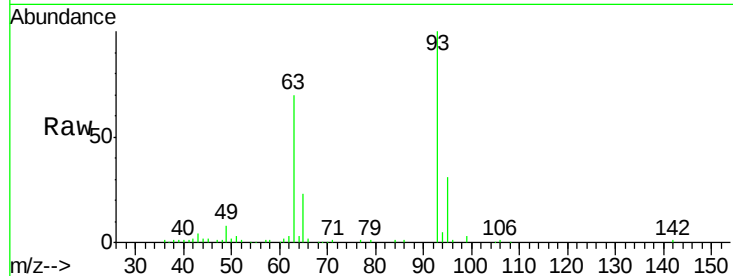
#11  
bis(2-Chloroethyl)ether  
Concen: 31.06 ng  
RT: 6.25 min Scan# 408  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 69.9  | 45.6  | 85.6  |
| 95      | 30.5  | 11.1  | 51.1  |

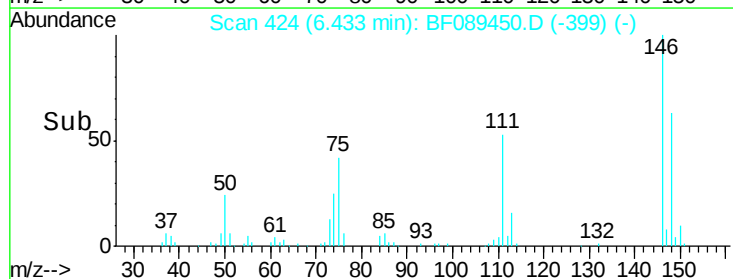
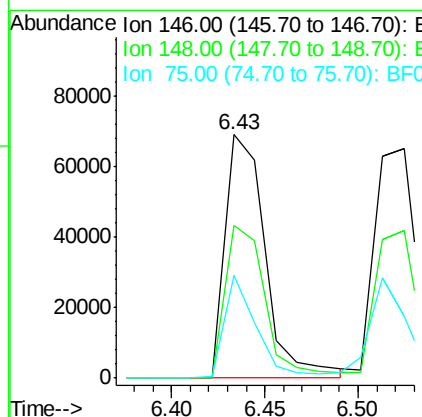
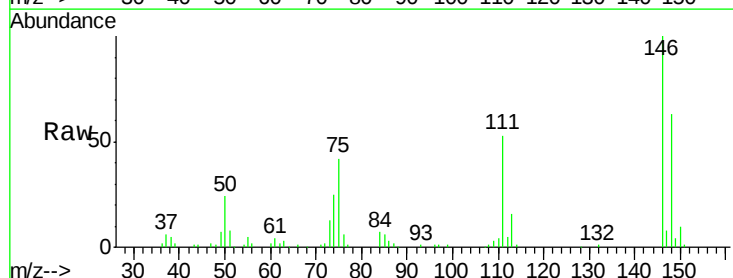
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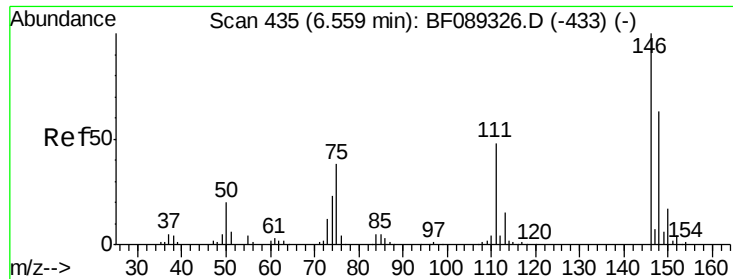
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#12  
1,3-Dichlorobenzene  
Concen: 30.45 ng  
RT: 6.43 min Scan# 424  
Delta R.T. -0.01 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.9  | 50.5  | 75.7  |
| 75      | 42.0  | 30.0  | 45.0  |





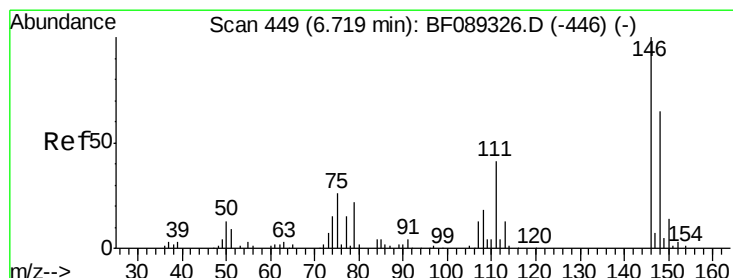
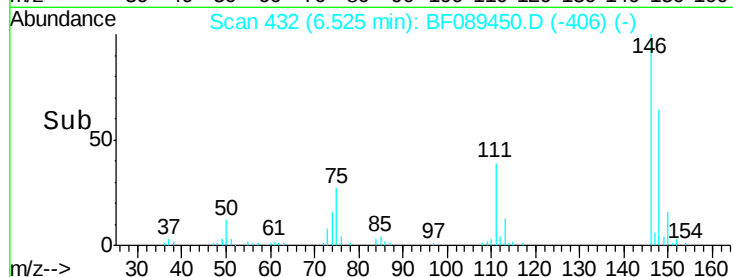
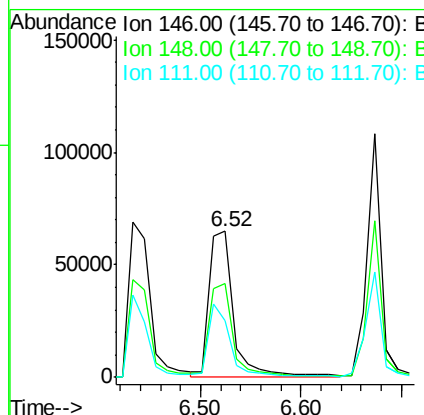
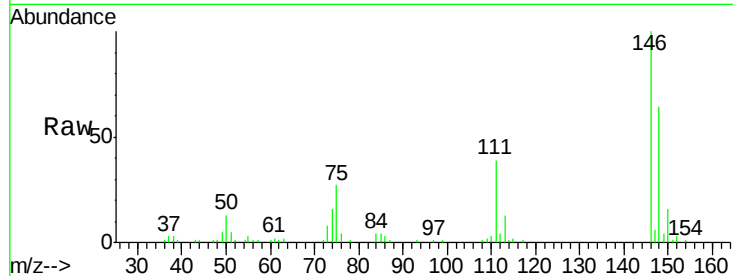
#13  
1,4-Dichlorobenzene  
Concen: 28.93 ng  
RT: 6.52 min Scan# 432  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 50.8  | 76.2  |
| 111     | 38.8  | 38.6  | 57.8  |

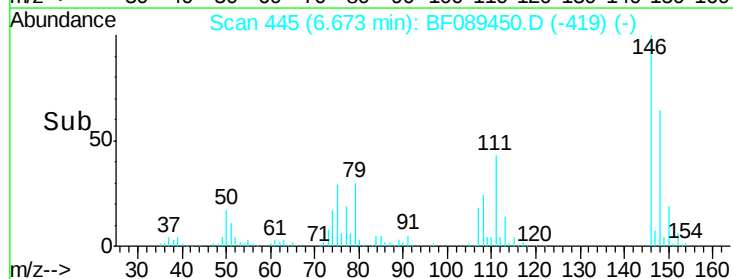
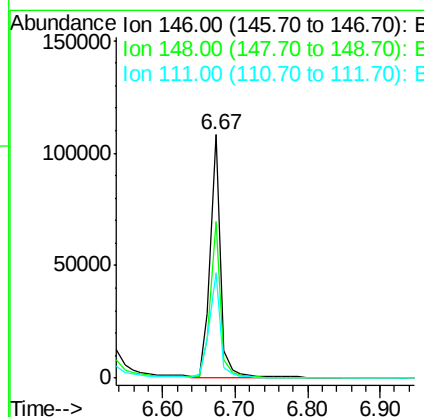
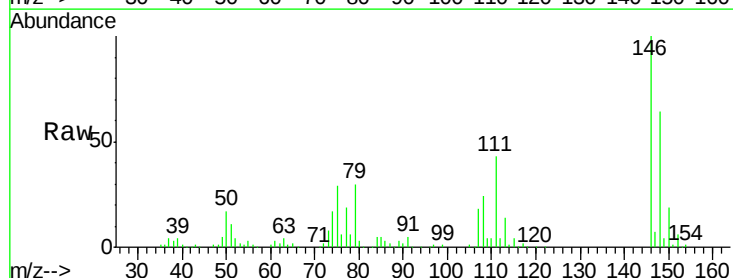
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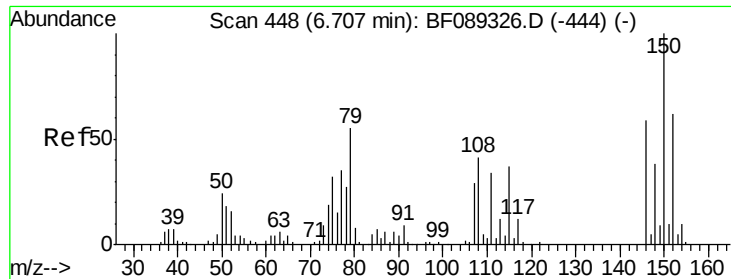
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#14  
1,2-Dichlorobenzene  
Concen: 31.22 ng  
RT: 6.67 min Scan# 445  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 50.4  | 75.6  |
| 111     | 43.1  | 33.0  | 49.4  |





#15

Benzyl Alcohol

Concen: 38.78 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

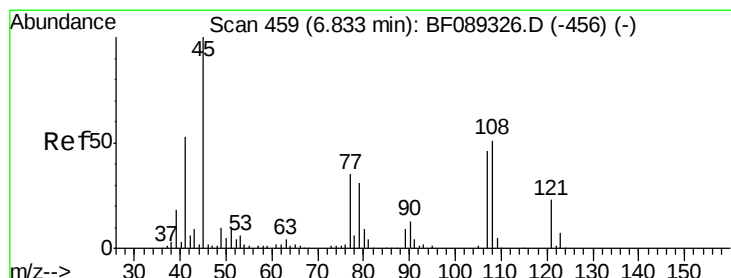
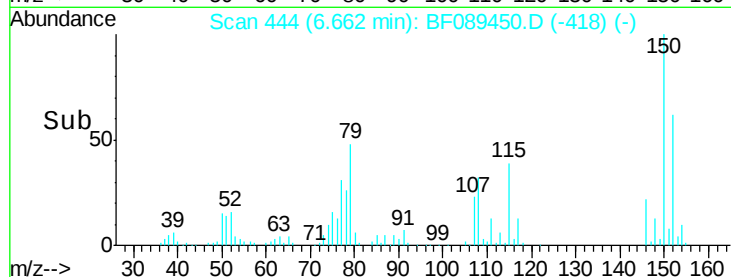
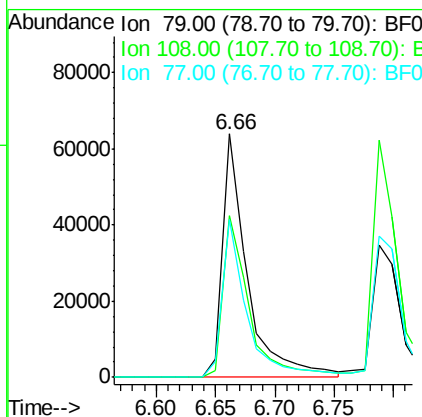
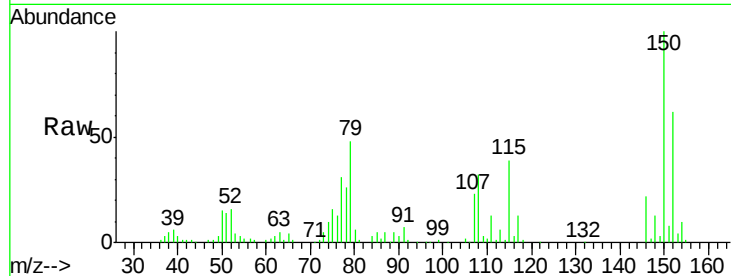
ClientSampleId :

SB-44-7.0-8.0MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 91883 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 66.6  | 59.8  | 89.6  |
| 77        | 64.9  | 51.7  | 77.5  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.99 ng

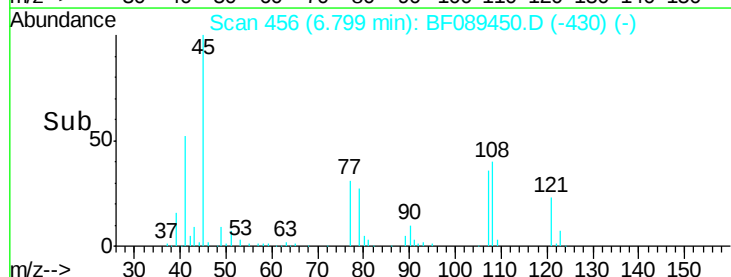
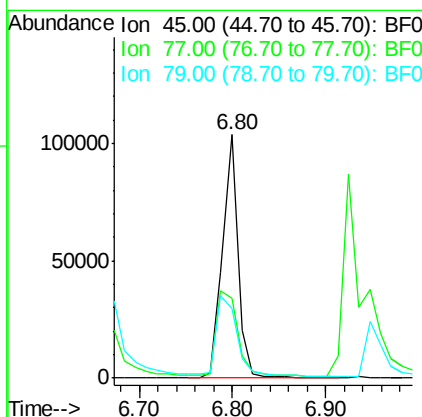
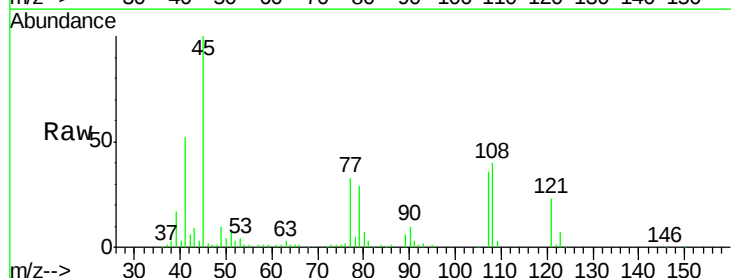
RT: 6.80 min Scan# 456

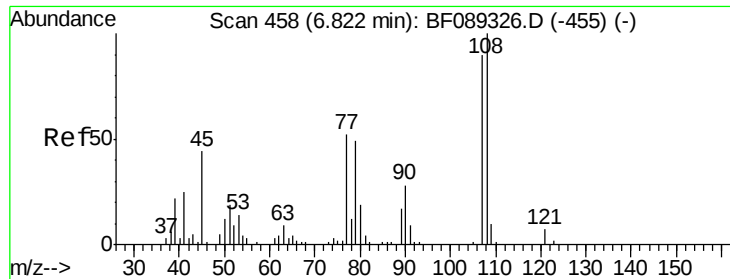
Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 120992 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 32.6  | 17.3  | 57.3   |
| 79        | 28.7  | 13.9  | 53.9   |





#17

2-Methylphenol

Concen: 31.04 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

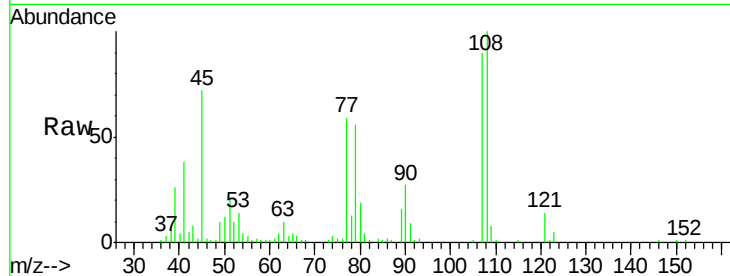
ClientSampled :

SB-44-7.0-8.0MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 78402 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 110.9 | 91.4  | 137.0 |
| 77        | 65.8  | 48.6  | 73.0  |
| 79        | 61.9  | 48.2  | 72.4  |

Manual Integrations  
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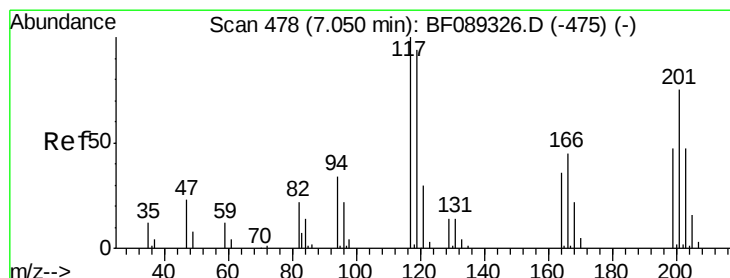
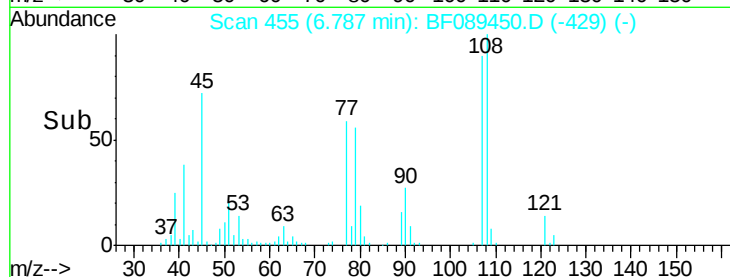
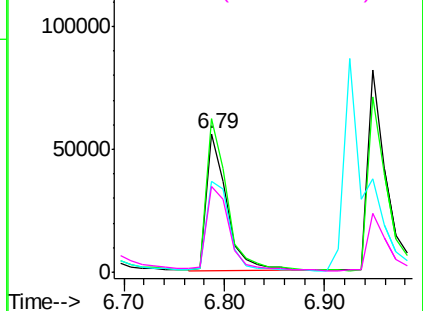


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 28.75 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF089450.D

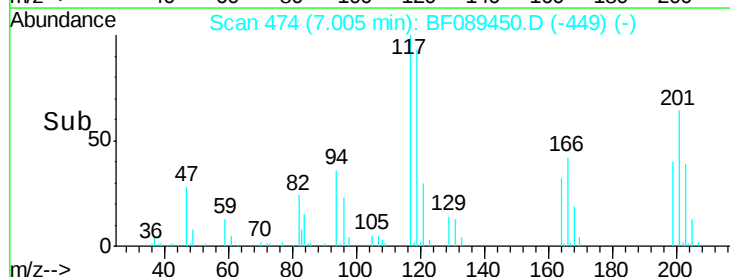
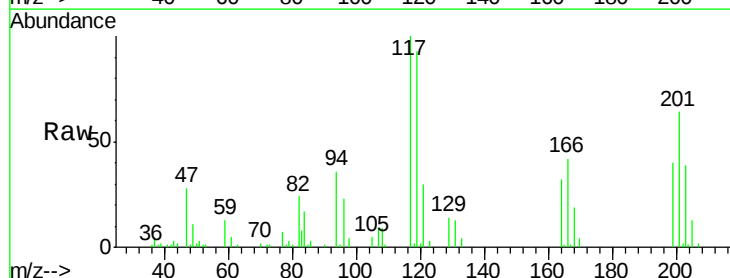
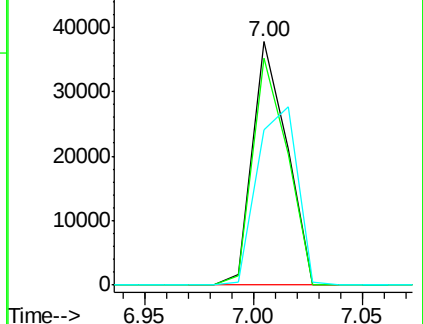
Acq: 30 Jul 2016 13:43

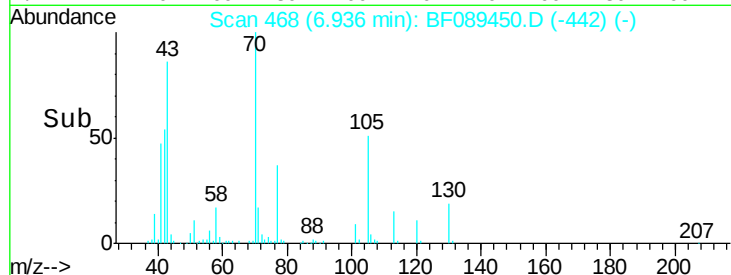
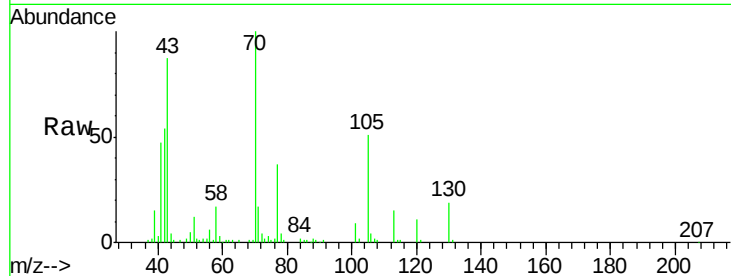
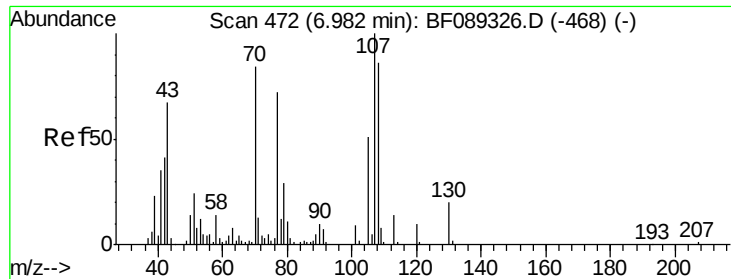
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 41581 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 93.3  | 76.0  | 114.0 |
| 201       | 63.7  | 60.0  | 90.0  |

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





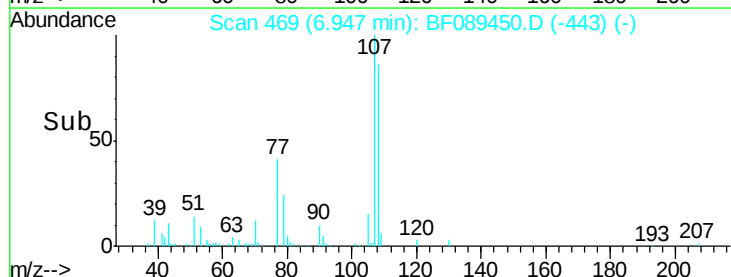
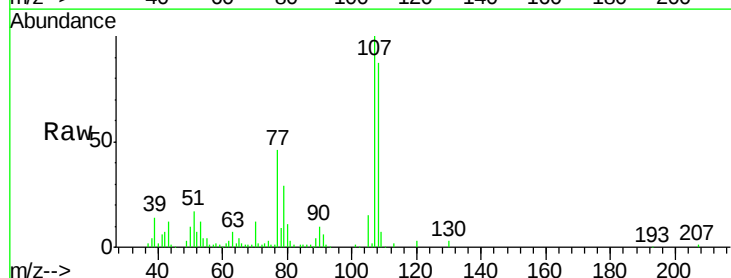
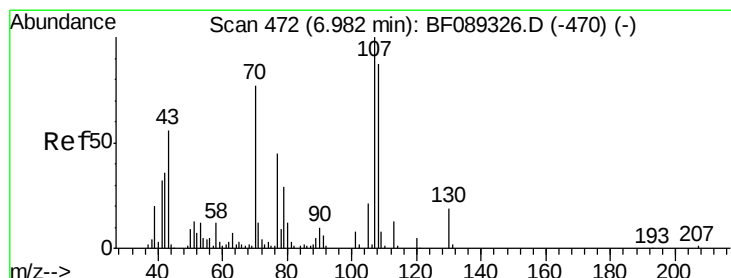
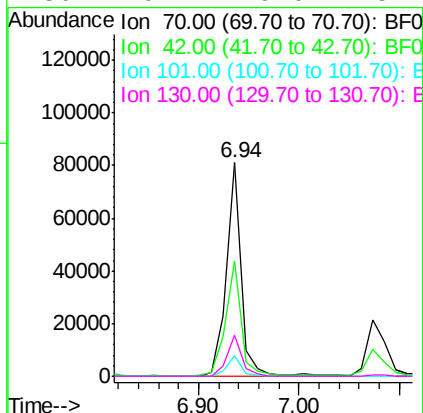
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.55 ng  
RT: 6.94 min Scan# 468  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

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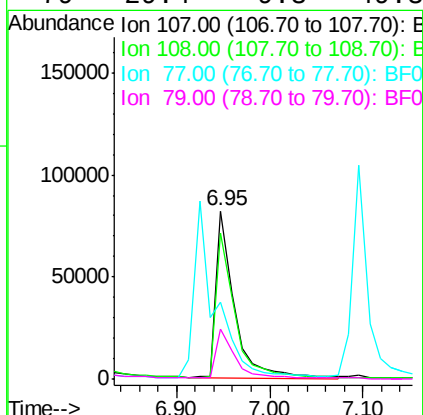
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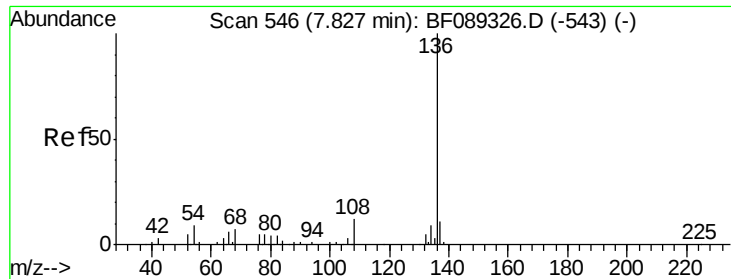
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 54.2 | 38.6  | 57.8  |       |
| 101     | 9.4  | 8.3   | 12.5  |       |
| 130     | 19.2 | 19.0  | 28.4  |       |



#20  
3+4-Methylphenols  
Concen: 34.73 ng  
RT: 6.95 min Scan# 469  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 86.8 | 63.3  | 103.3 |       |
| 77      | 46.1 | 51.1  | 91.1# |       |
| 79      | 29.4 | 9.3   | 49.3  |       |





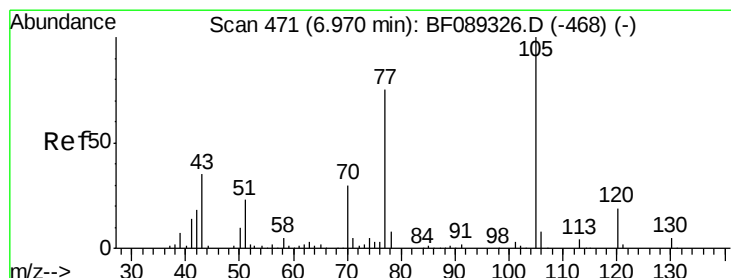
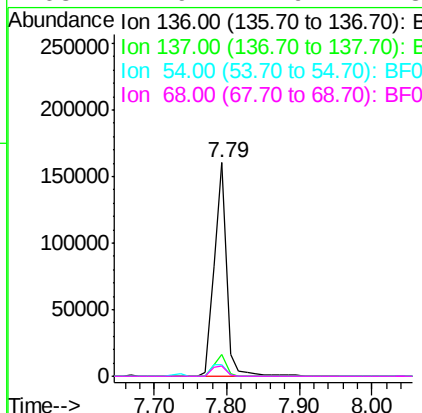
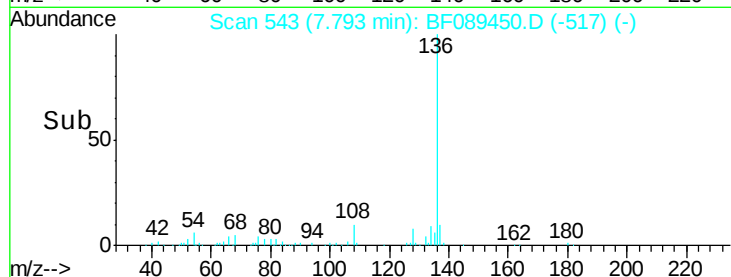
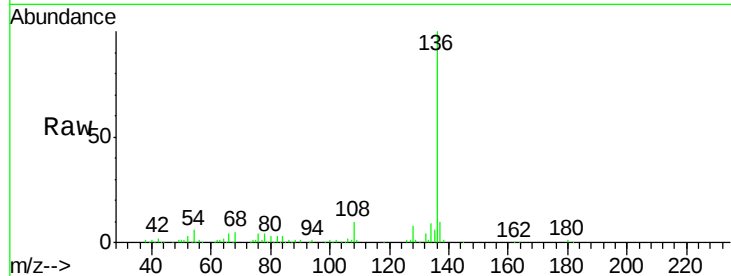
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.79 min Scan# 543  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 190013 |       |       |
| 137     | 10.5  | 8.6    | 13.0  |       |
| 54      | 5.7   | 7.0    | 10.4  |       |
| 68      | 4.9   | 4.9    | 7.3   |       |

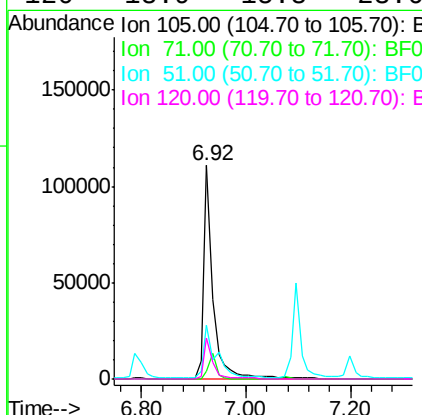
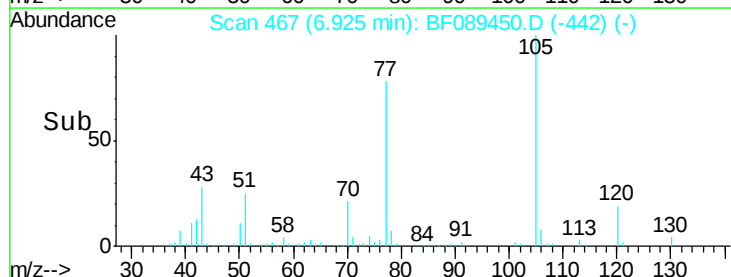
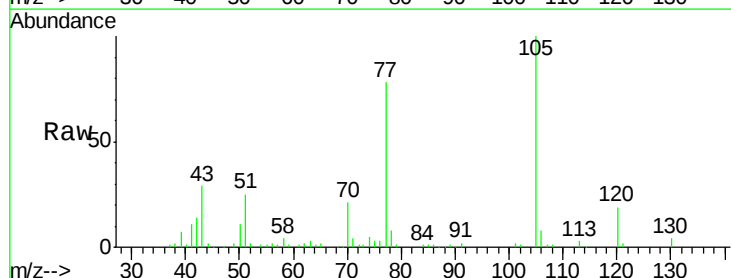
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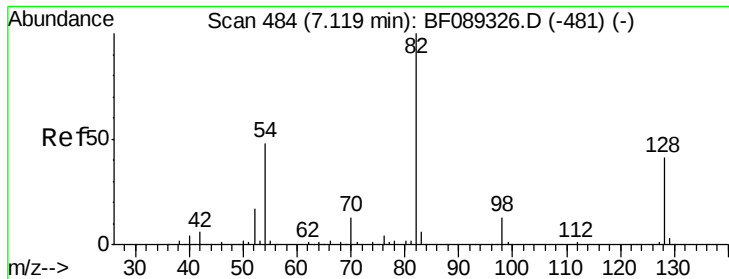
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#22  
Acetophenone  
Concen: 30.70 ng  
RT: 6.92 min Scan# 467  
Delta R.T. -0.01 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 138891 |       |       |
| 71      | 3.6   | 4.2    | 6.2   |       |
| 51      | 25.2  | 18.7   | 28.1  |       |
| 120     | 18.9  | 15.8   | 23.6  |       |





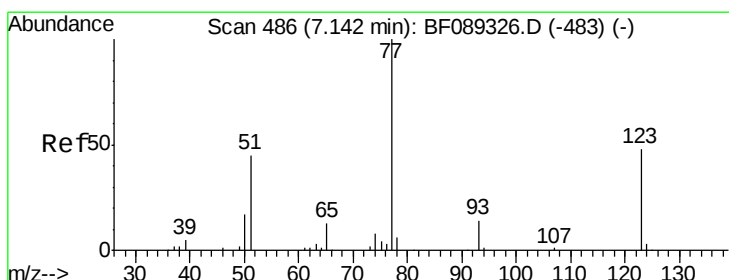
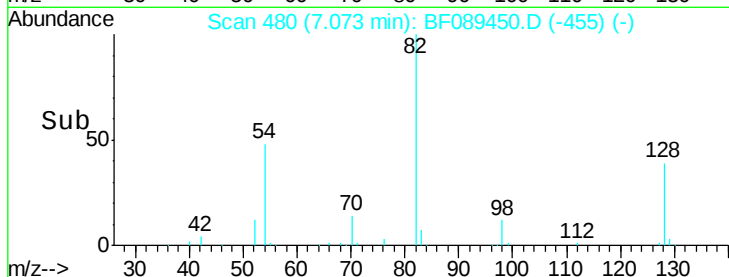
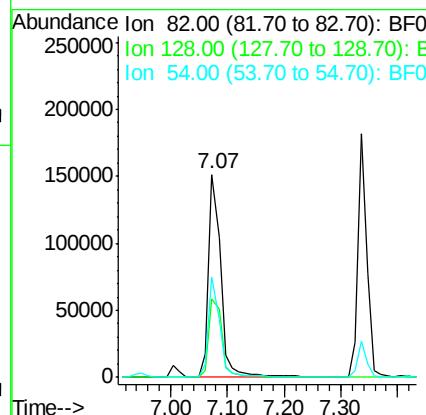
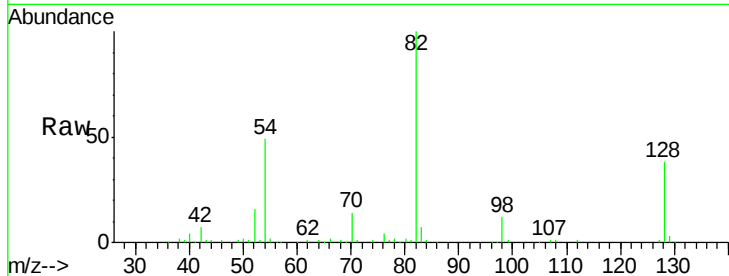
#23  
 Nitrobenzene-d5  
 Concen: 67.60 ng  
 RT: 7.07 min Scan# 480  
 Delta R.T. -0.01 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 217619 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 38.4  | 32.5  | 48.7   |
| 54        | 49.2  | 38.8  | 58.2   |

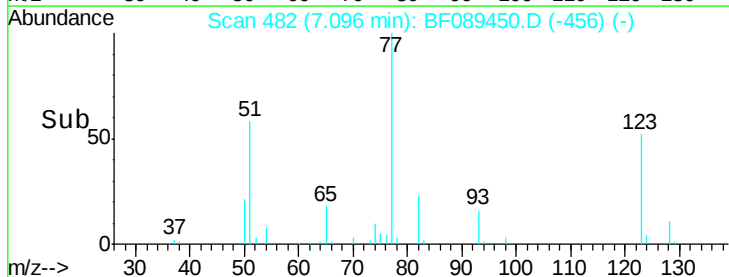
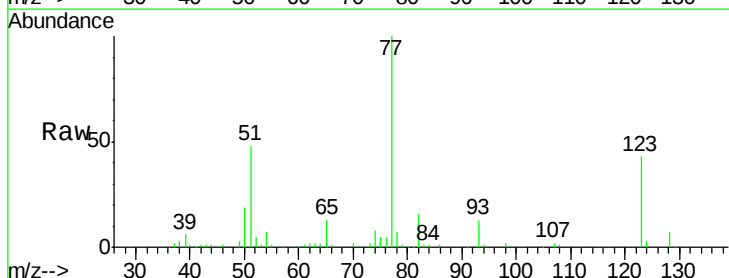
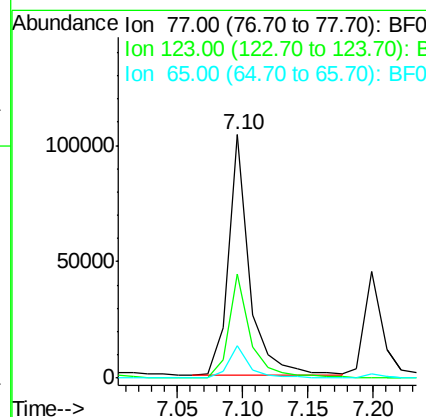
Manual Integrations  
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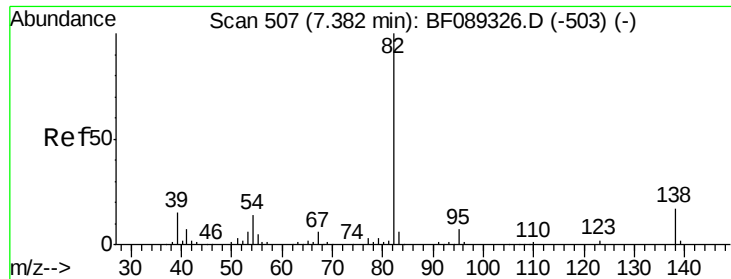
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#24  
 Nitrobenzene  
 Concen: 31.70 ng  
 RT: 7.10 min Scan# 482  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 116144 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 42.7  | 37.2  | 55.8   |
| 65        | 13.4  | 10.2  | 15.4   |





#25

Isophorone

Concen: 30.93 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

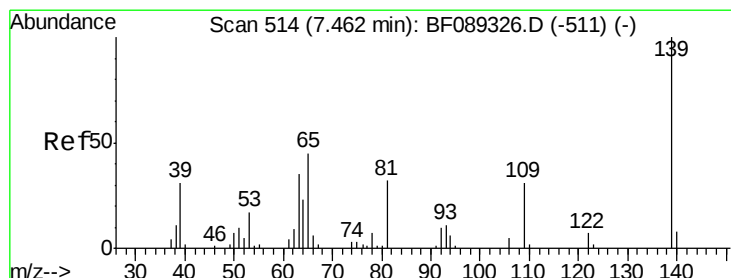
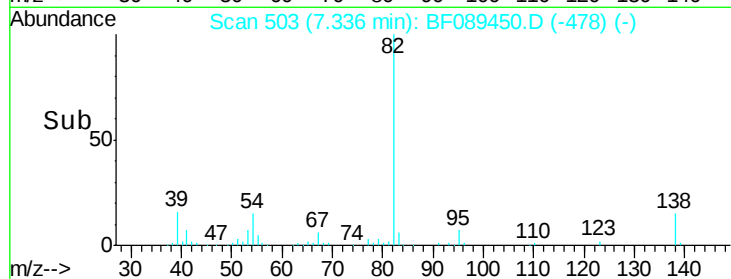
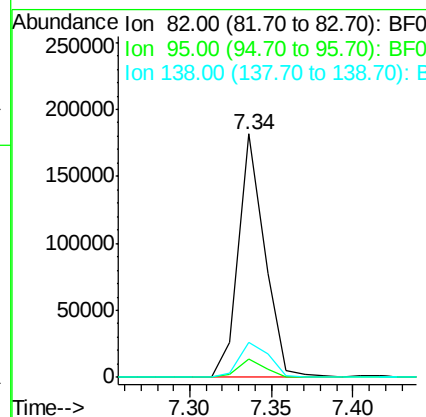
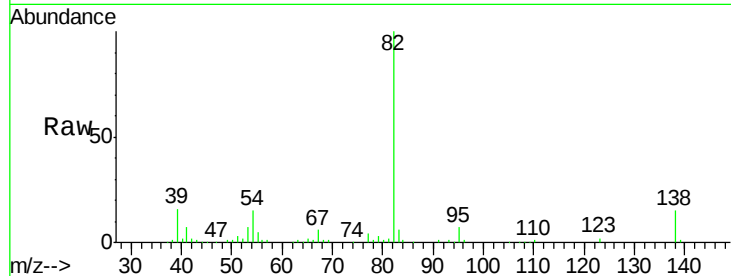
ClientSampleId :

SB-44-7.0-8.0MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 200576 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.4  | 6.0   | 9.0    |
| 138       | 14.6 | 13.3  | 19.9   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 33.98 ng

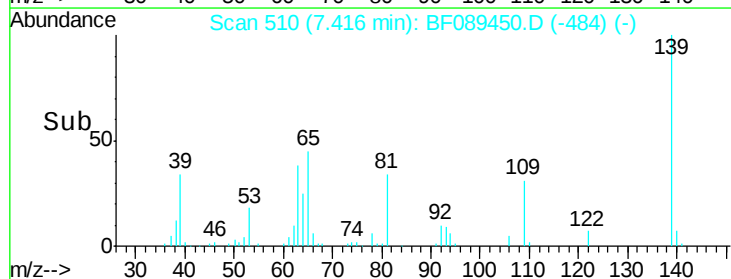
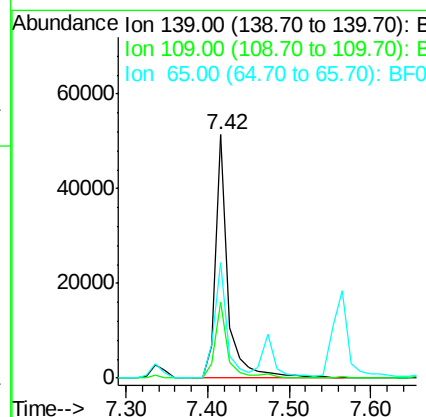
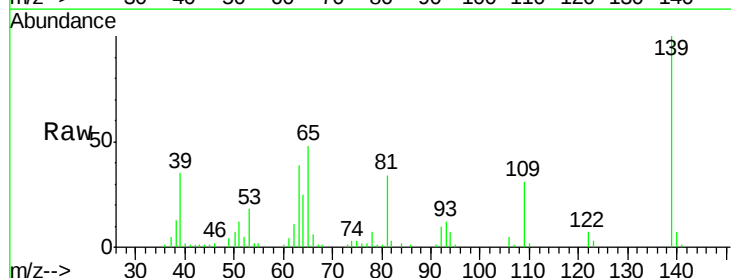
RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 55659 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 31.0 | 25.8  | 38.8  |
| 65        | 47.6 | 35.2  | 52.8  |





#27

2,4-Dimethylphenol

Concen: 33.80 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

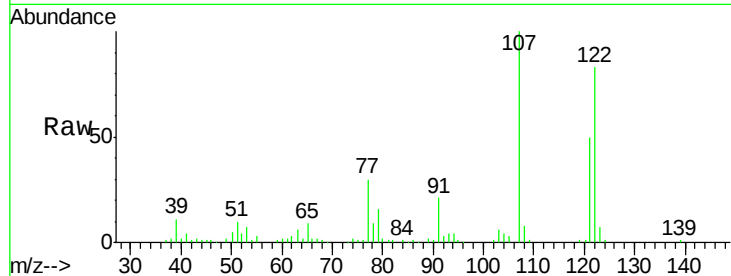
ClientSampleId :

SB-44-7.0-8.0MS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       | 88206 |       |       |
| 107     | 120.3 | 97.2  | 145.8 |       |       |
| 121     | 59.8  | 48.8  | 73.2  |       |       |

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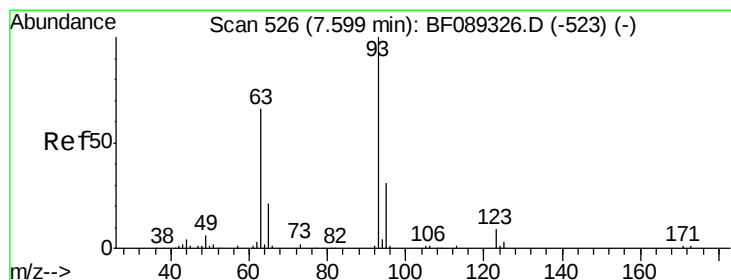
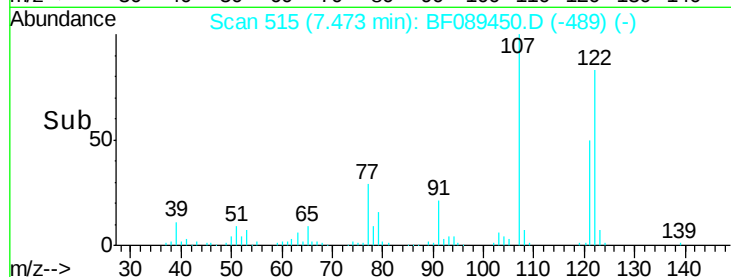
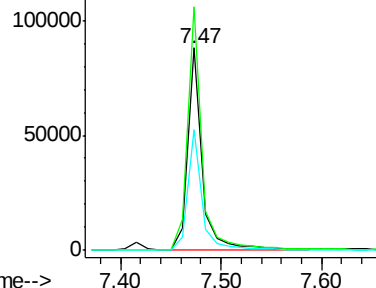
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.84 ng

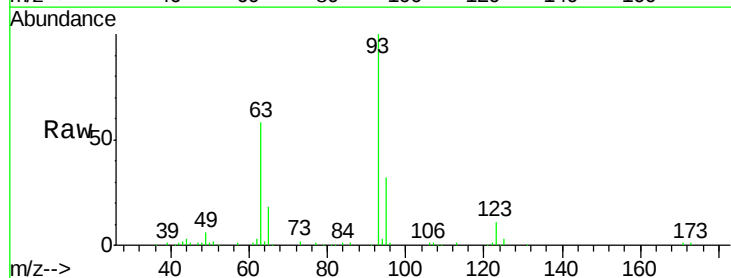
RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

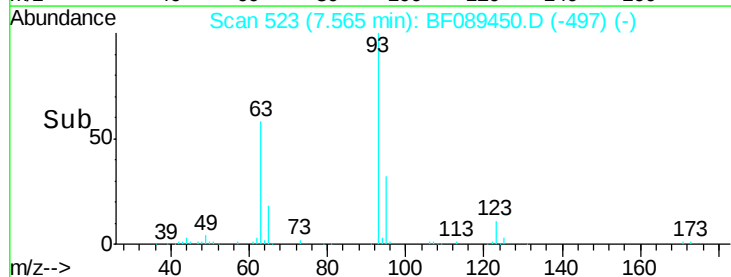
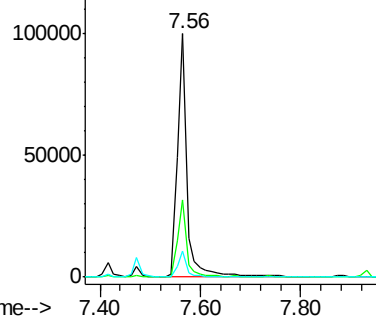
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 132244 |       |       |
| 95      | 31.8 | 24.7  | 37.1   |       |       |
| 123     | 10.7 | 7.5   | 11.3   |       |       |

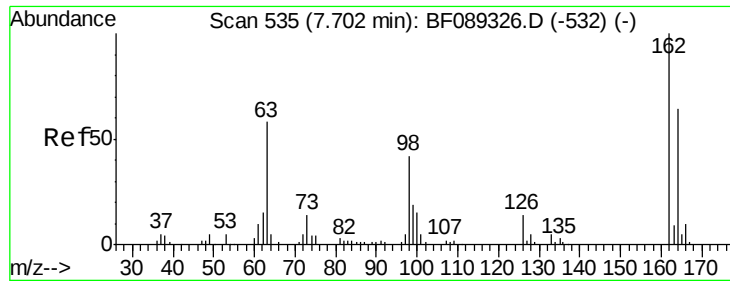


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





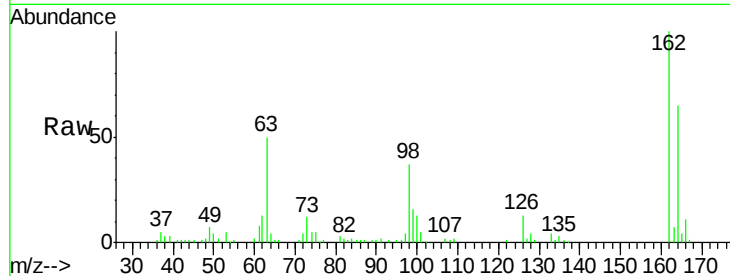
#29  
 2,4-Dichlorophenol  
 Concen: 33.99 ng  
 RT: 7.67 min Scan# 532  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

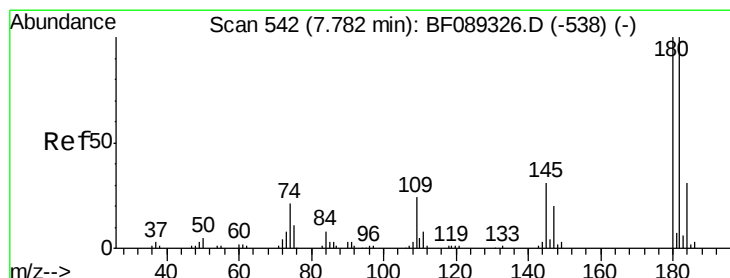
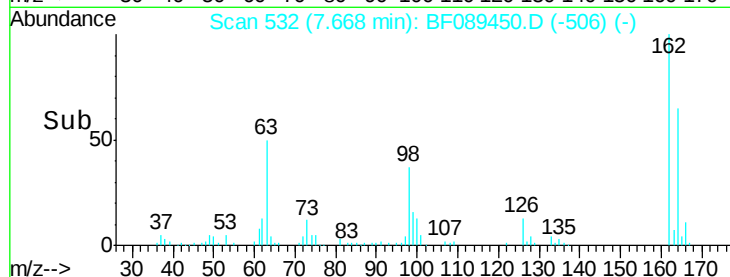
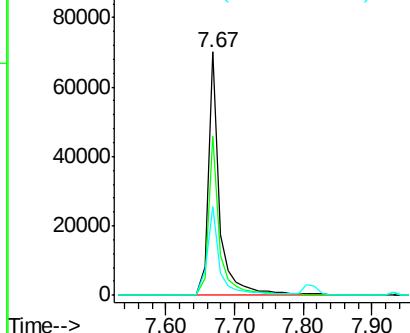
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 80815 |       |       |
| 164     | 65.3  | 44.0  | 84.0  |       |
| 98      | 36.5  | 21.8  | 61.8  |       |

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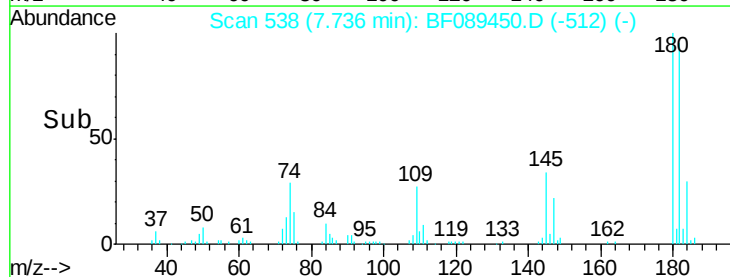
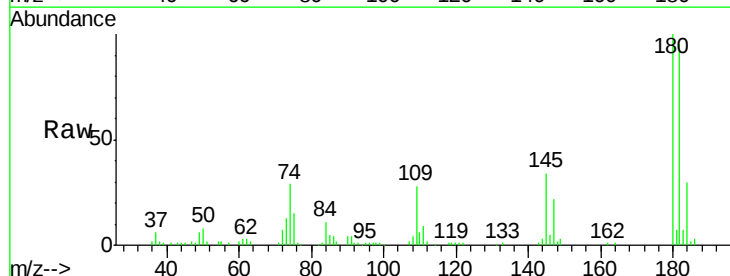
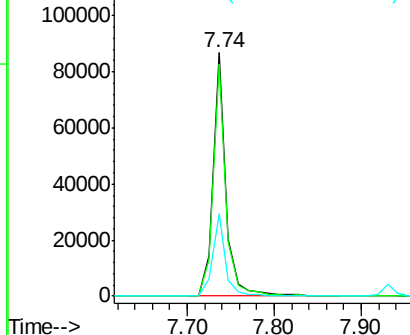
Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

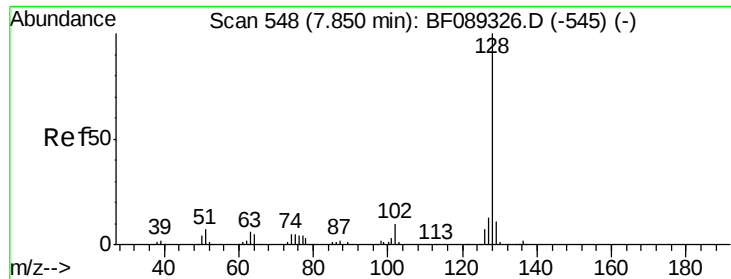


#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.46 ng  
 RT: 7.74 min Scan# 538  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 90780 |       |       |
| 182     | 95.3  | 78.2  | 117.2 |       |
| 145     | 33.6  | 24.6  | 36.8  |       |

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





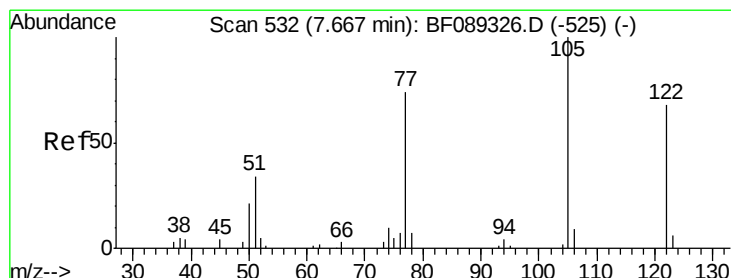
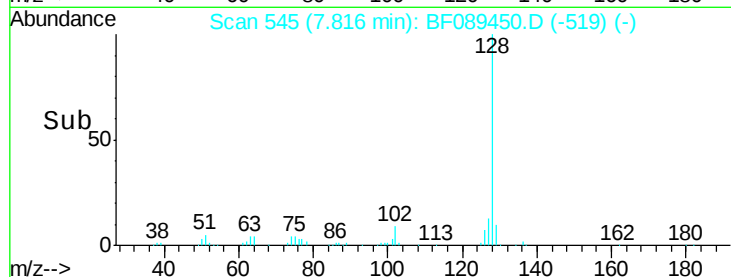
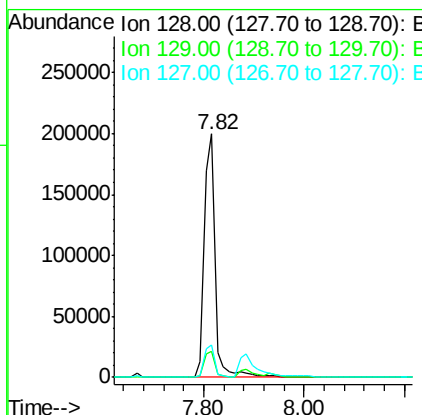
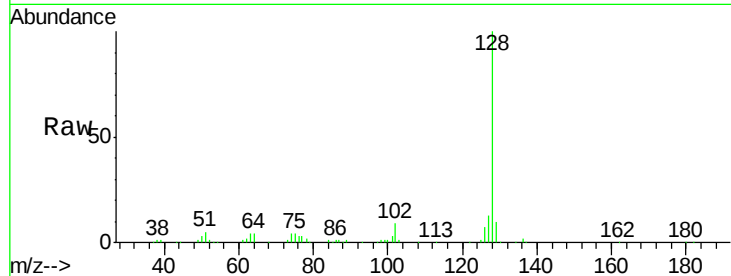
#31  
Naphthalene  
Concen: 32.04 ng  
RT: 7.82 min Scan# 545  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampled :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 8.8   | 13.2  |
| 127     | 13.4  | 10.8  | 16.2  |

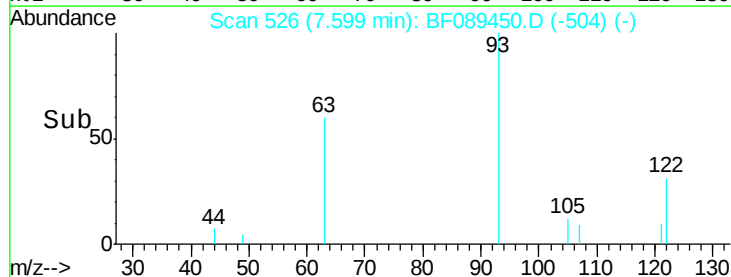
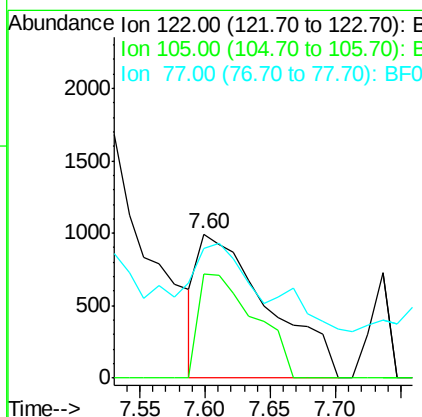
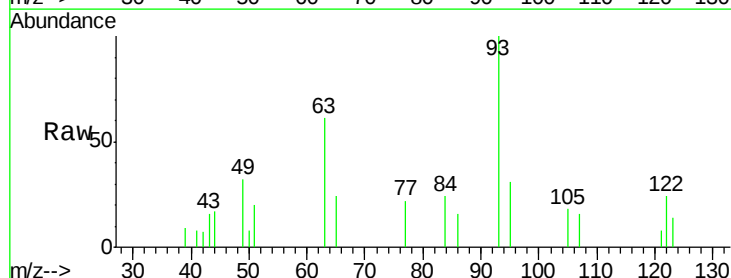
Manual Integrations  
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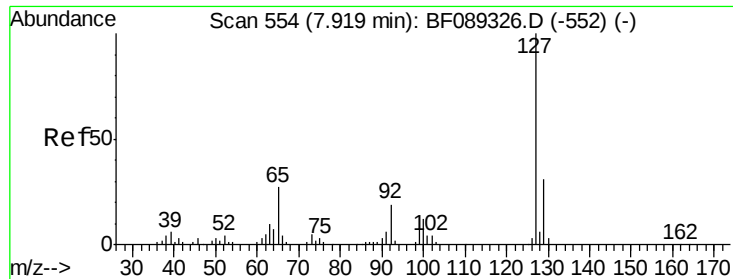
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#32  
Benzoic acid  
Concen: 2.04 ng  
RT: 7.60 min Scan# 526  
Delta R.T. -0.05 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 71.9  | 106.4 | 146.4# |
| 77      | 89.6  | 76.4  | 116.4  |





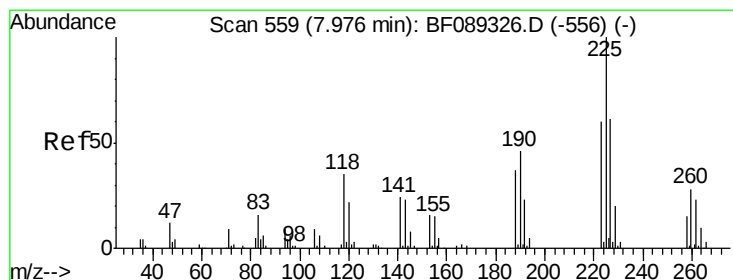
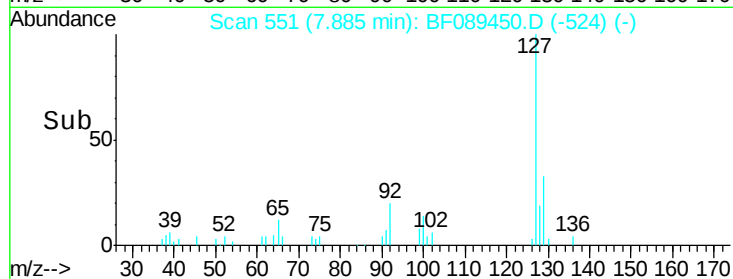
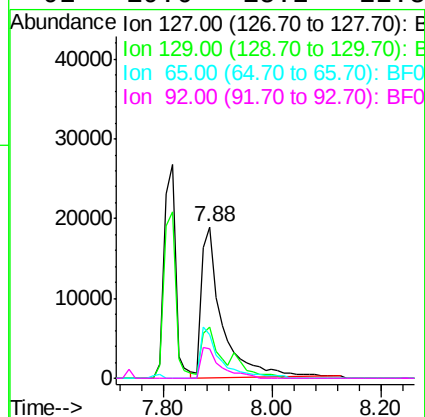
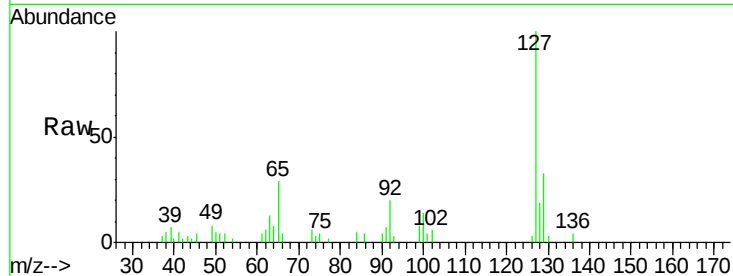
#33  
4-Chloroaniline  
Concen: 13.55 ng  
RT: 7.88 min Scan# 551  
Delta R.T. 0.01 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 48552 |       |       |
| 129     | 33.4 | 26.1  | 39.1  |       |       |
| 65      | 28.6 | 22.0  | 33.0  |       |       |
| 92      | 19.6 | 15.2  | 22.8  |       |       |

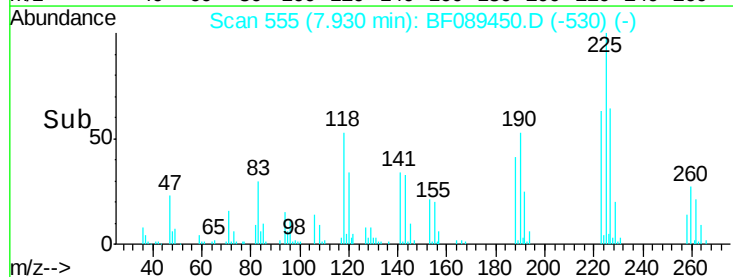
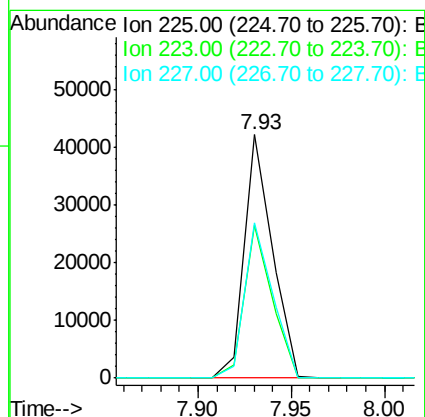
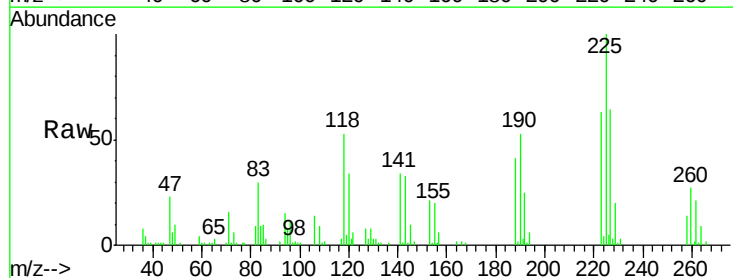
Manual Integrations  
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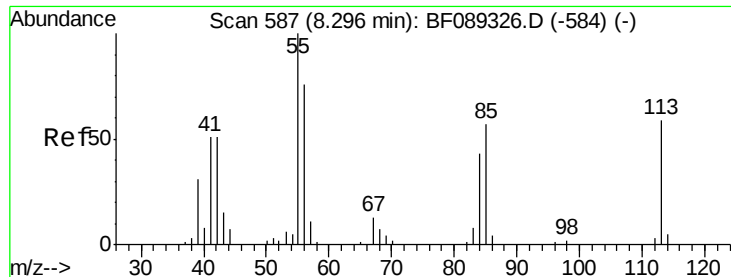
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#34  
Hexachlorobutadiene  
Concen: 28.46 ng  
RT: 7.93 min Scan# 555  
Delta R.T. -0.01 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 44230 |       |       |
| 223     | 63.0 | 49.8  | 74.8  |       |       |
| 227     | 63.6 | 49.4  | 74.2  |       |       |





#35

Caprolactam

Concen: 31.01 ng

RT: 8.26 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

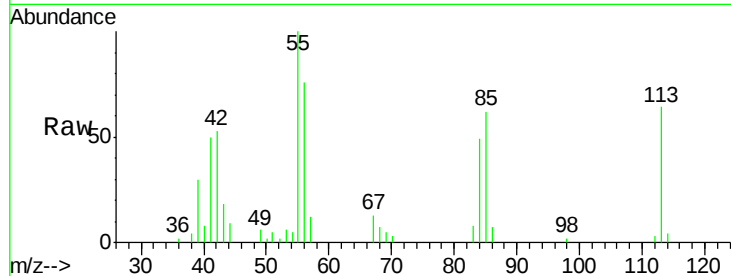
ClientSampleId :

SB-44-7.0-8.0MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 22259 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 156.1 | 142.3 | 182.3 |
| 56       | 119.1 | 105.8 | 145.8 |

Manual Integrations  
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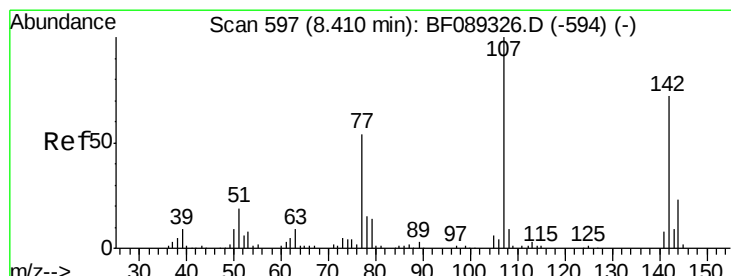
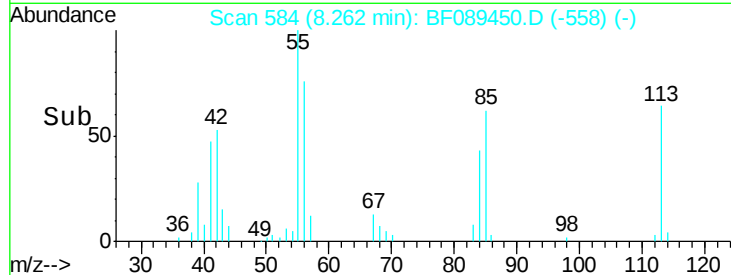
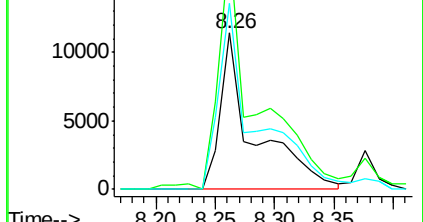
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.71 ng

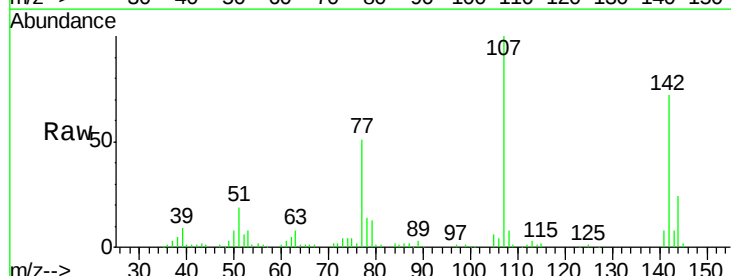
RT: 8.38 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

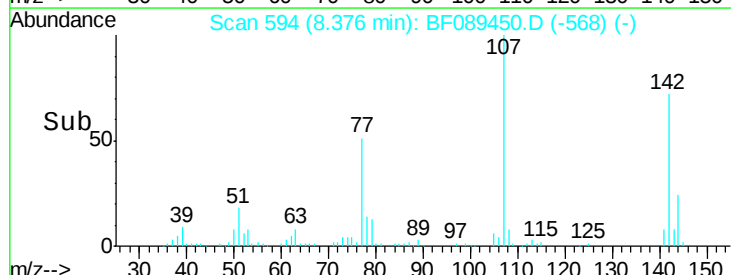
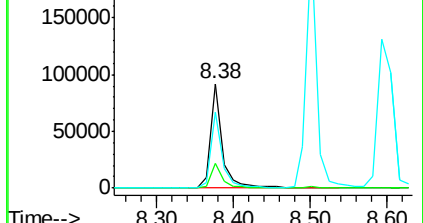
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 98101 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 23.5  | 18.4  | 27.6  |
| 142      | 72.3  | 58.6  | 87.8  |

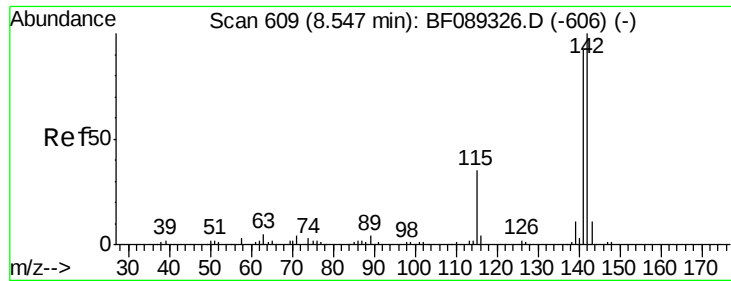


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





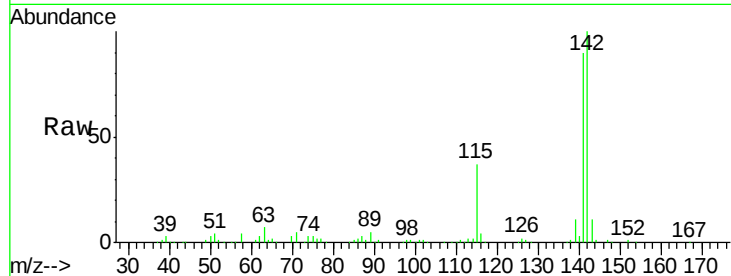
#37  
2-Methylnaphthalene  
Concen: 35.50 ng  
RT: 8.50 min Scan# 605  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

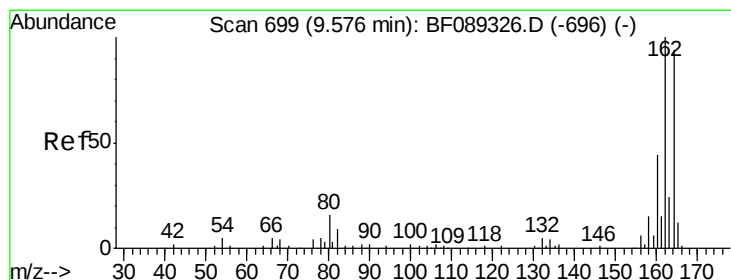
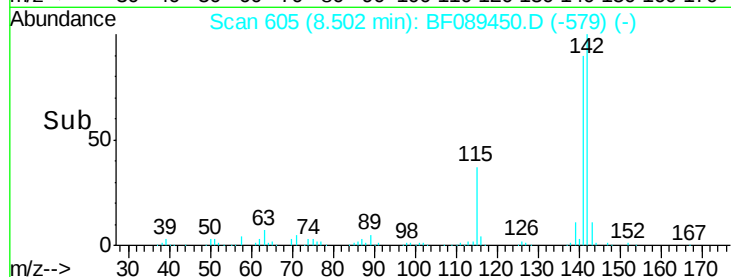
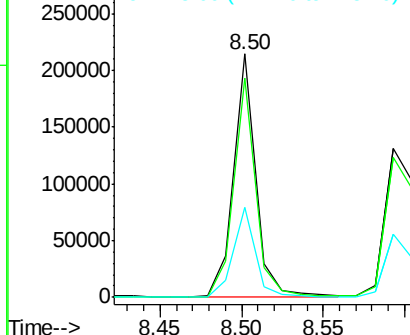
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 201270 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 90.2  | 70.9  | 106.3  |
| 115       | 36.7  | 27.6  | 41.4   |

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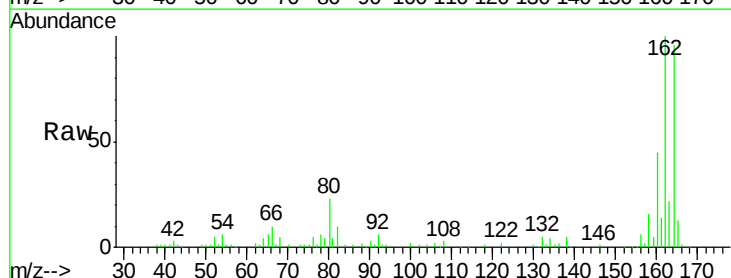


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

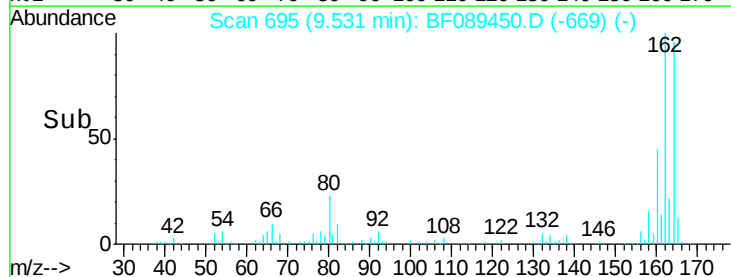
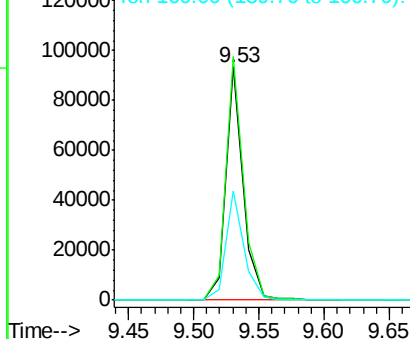


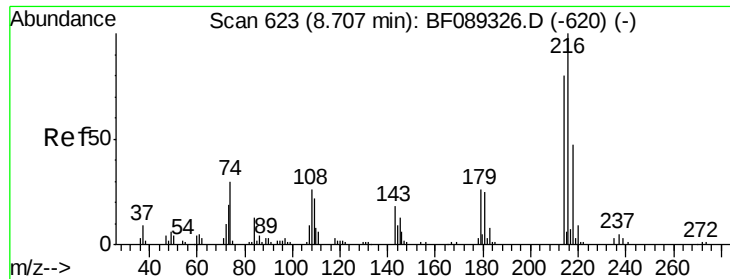
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.53 min Scan# 695  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 86322 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 104.4 | 83.7  | 125.5 |
| 160       | 47.0  | 37.8  | 56.6  |



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





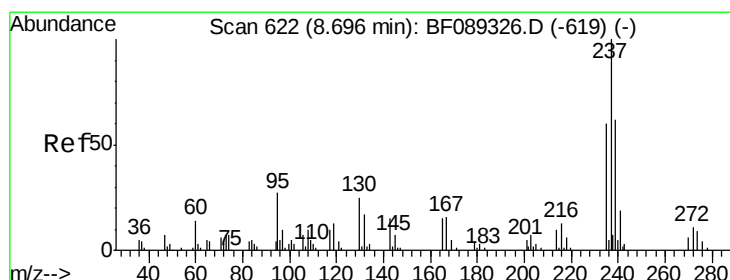
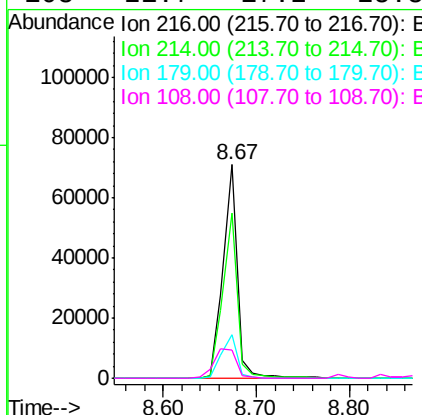
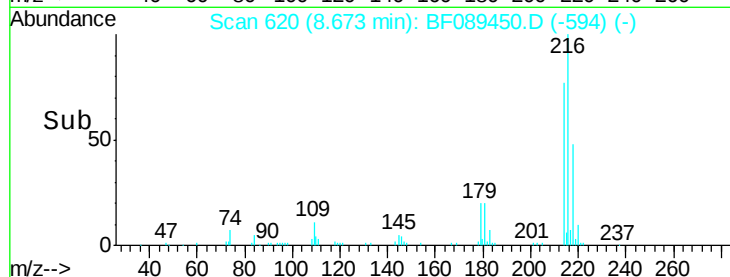
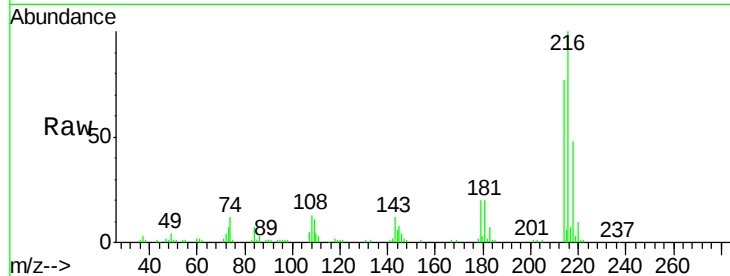
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 25.15 ng  
 RT: 8.67 min Scan# 620  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 216     | 100  |       | 75982 |       |       |
| 214     | 78.2 | 63.3  | 94.9  |       |       |
| 179     | 21.9 | 18.1  | 27.1  |       |       |
| 108     | 21.7 | 17.2  | 25.8  |       |       |

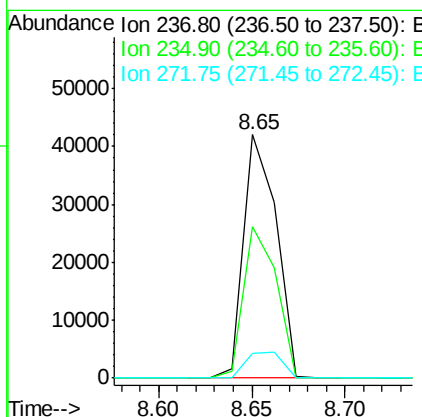
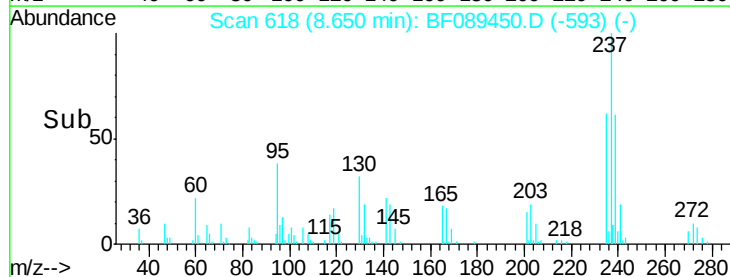
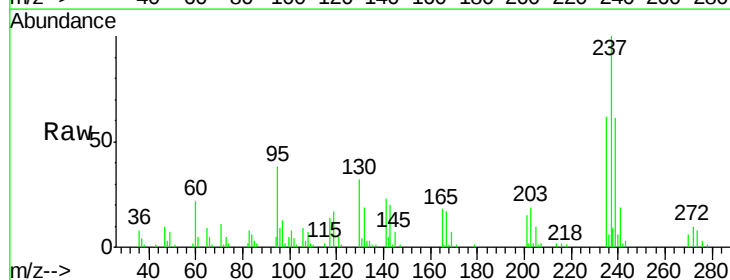
Manual Integrations  
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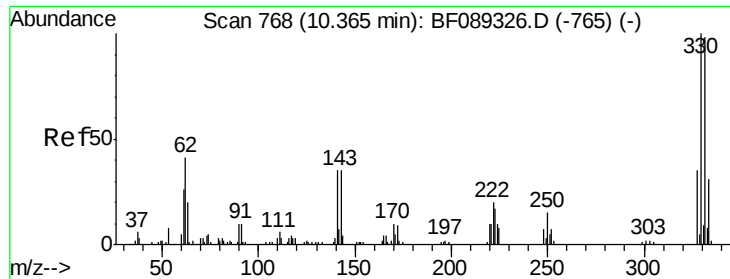
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#40  
 Hexachlorocyclopentadiene  
 Concen: 61.50 ng  
 RT: 8.65 min Scan# 618  
 Delta R.T. -0.01 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 50956 |       |       |
| 235     | 62.2 | 41.6  | 81.6  |       |       |
| 272     | 10.2 | 0.0   | 30.8  |       |       |





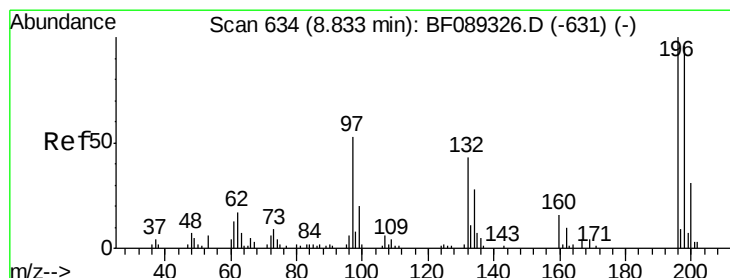
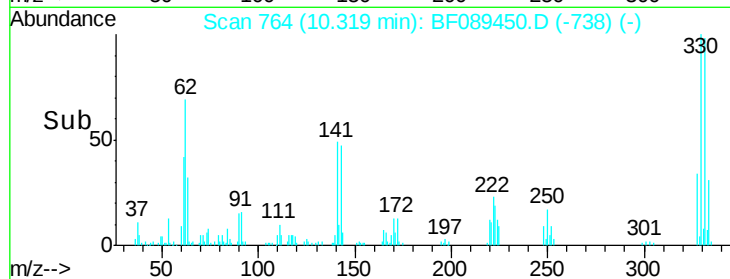
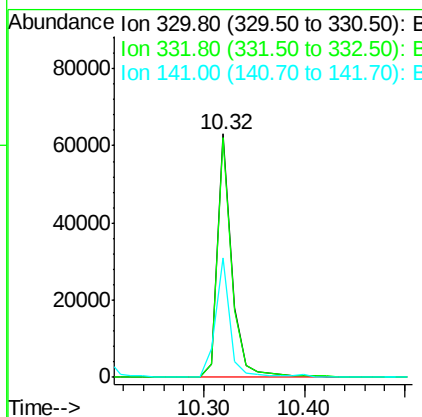
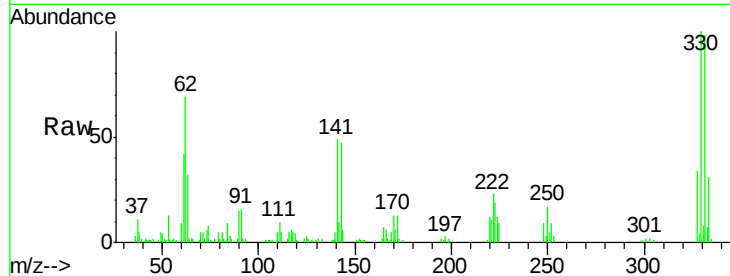
#41  
 2,4,6-Tribromophenol  
 Concen: 88.49 ng  
 RT: 10.32 min Scan# 764  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.9  | 76.8  | 115.2 |
| 141     | 50.4  | 37.3  | 55.9  |

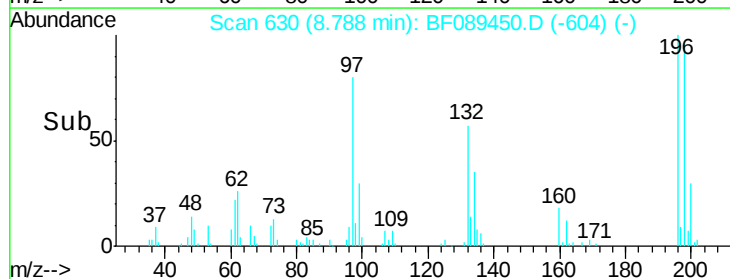
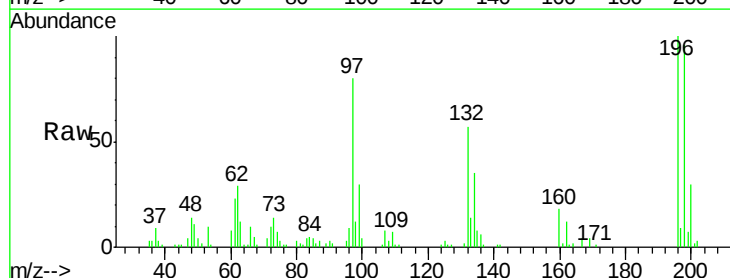
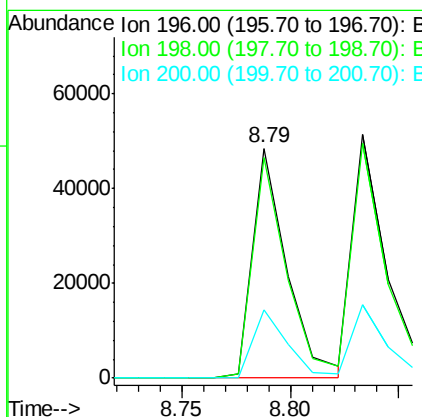
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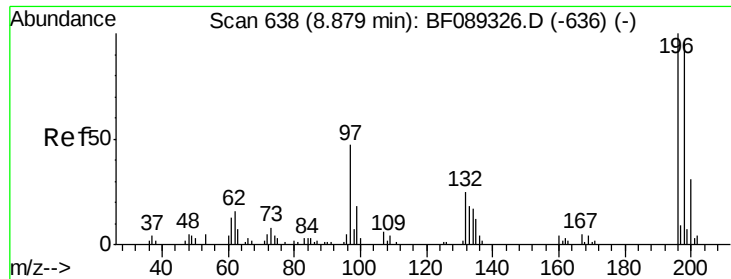
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#42  
 2,4,6-Trichlorophenol  
 Concen: 37.11 ng  
 RT: 8.79 min Scan# 630  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.7  | 75.5  | 113.3 |
| 200     | 29.6  | 23.9  | 35.9  |





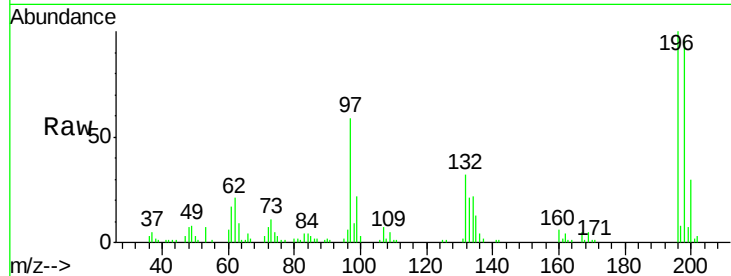
#43  
 2,4,5-Trichlorophenol  
 Concen: 34.50 ng  
 RT: 8.83 min Scan# 634  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

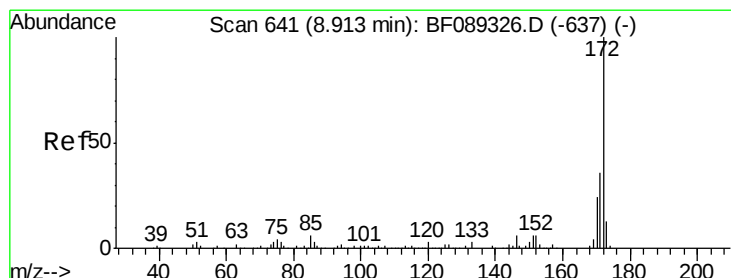
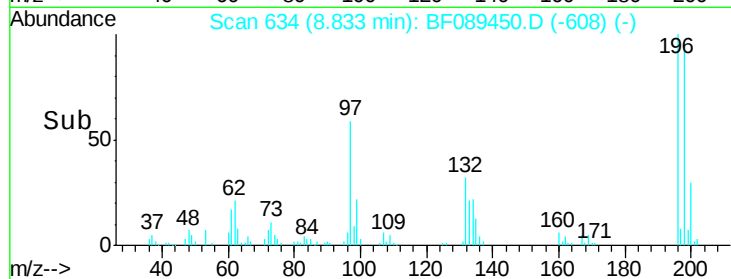
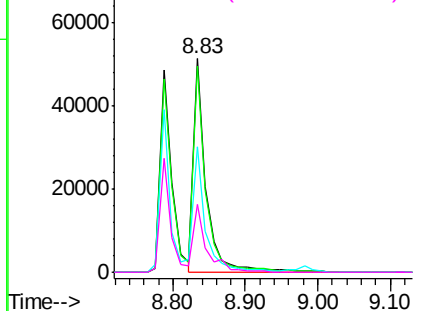
| Tot Ion | 196   | Resp  | 62754 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 196     | 100   |       |       |
| 198     | 96.3  | 78.7  | 118.1 |
| 97      | 58.9  | 39.7  | 59.5  |
| 132     | 31.6  | 22.8  | 34.2  |

Manual Integrations  
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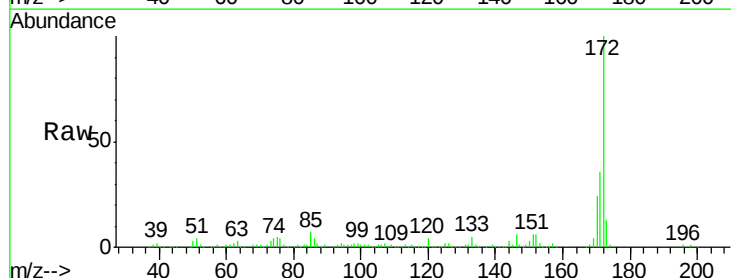


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

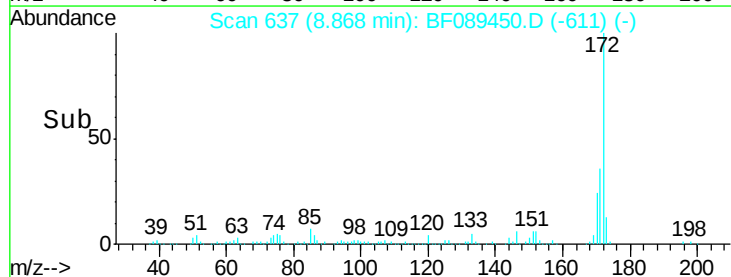
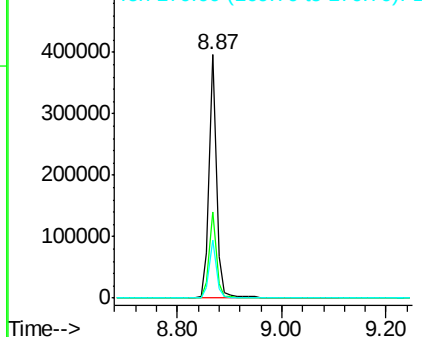


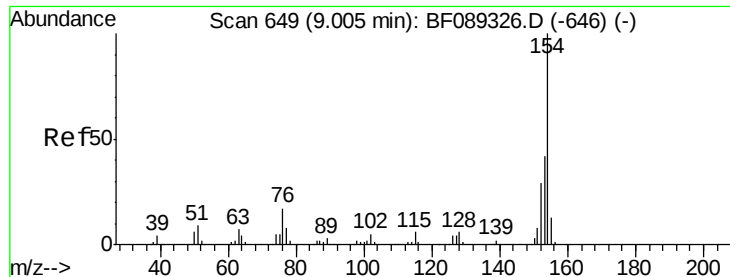
#44  
 2-Fluorobiphenyl  
 Concen: 66.74 ng  
 RT: 8.87 min Scan# 637  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

| Tgt Ion | 172   | Resp  | 392563 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 172     | 100   |       |        |
| 171     | 35.6  | 29.2  | 43.8   |
| 170     | 23.8  | 19.2  | 28.8   |



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





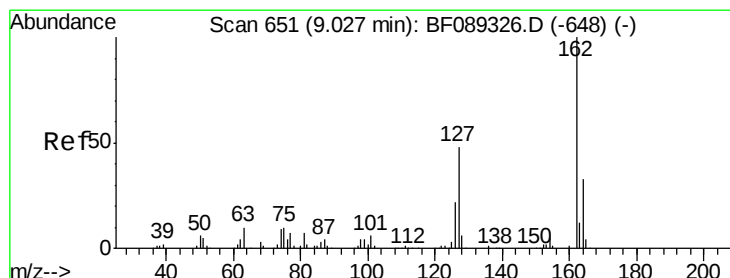
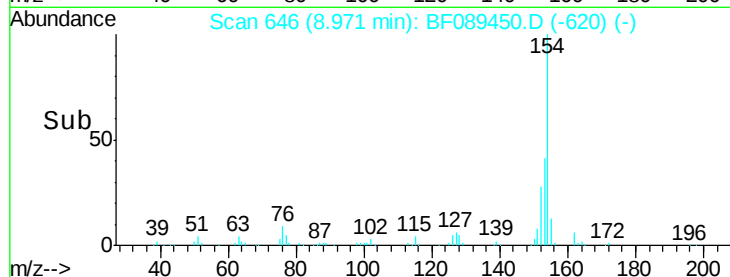
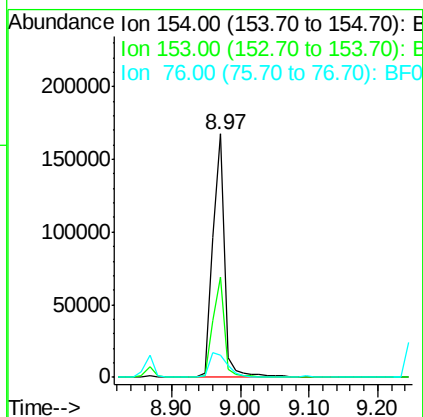
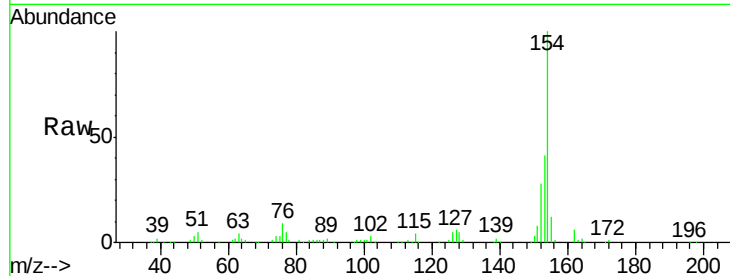
#45  
 1,1'-Biphenyl  
 Concen: 27.80 ng  
 RT: 8.97 min Scan# 646  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 204363 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.0  | 21.0  | 61.0   |
| 76        | 9.3   | 0.0   | 36.6   |

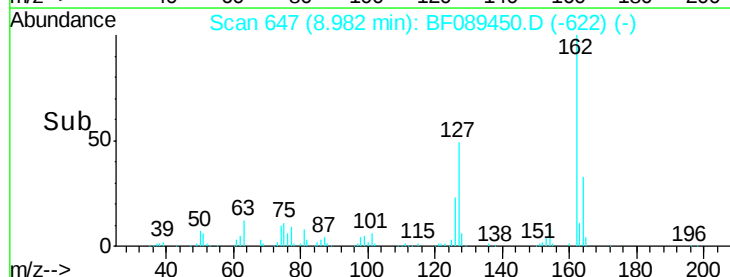
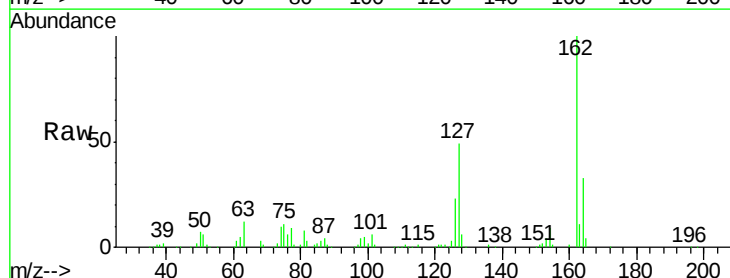
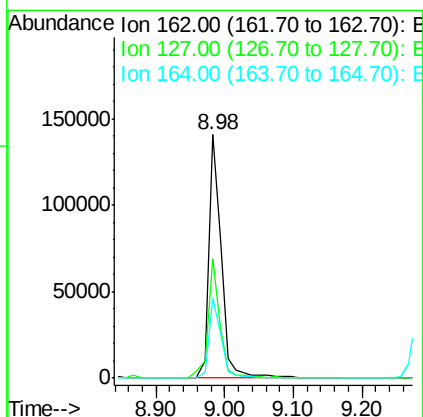
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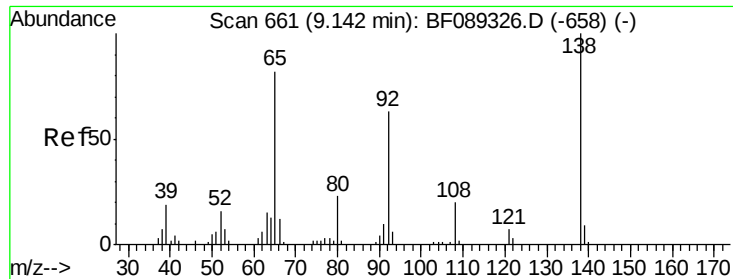
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#46  
 2-Chloronaphthalene  
 Concen: 32.28 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. -0.01 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 178178 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 49.0  | 37.8  | 56.8   |
| 164       | 32.7  | 25.8  | 38.8   |





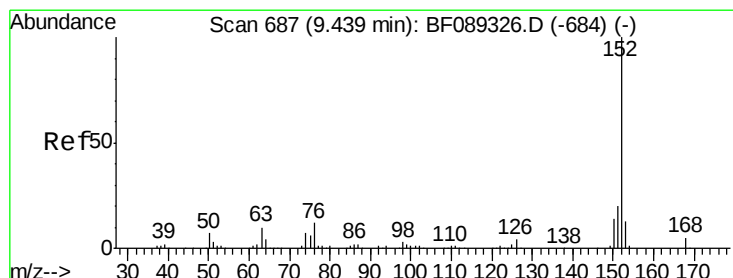
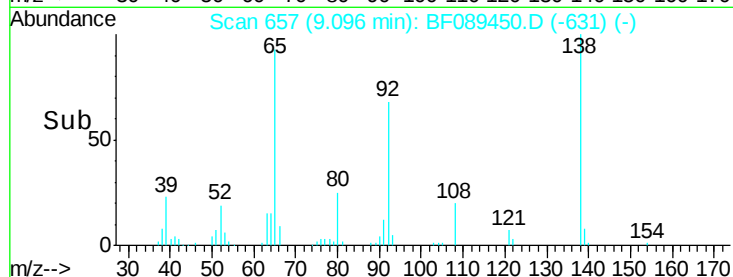
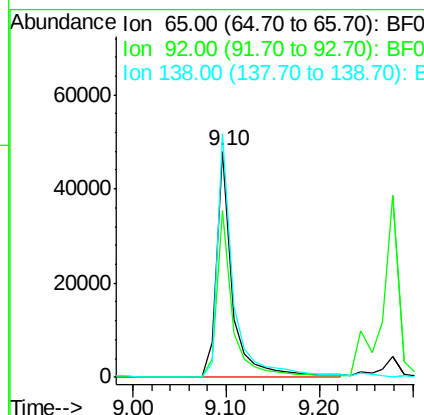
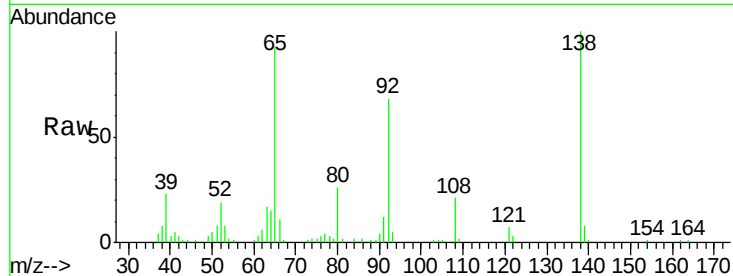
#47  
2-Nitroaniline  
Concen: 34.89 ng  
RT: 9.10 min Scan# 657  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.7  | 61.0  | 91.4  |
| 138     | 107.9 | 99.1  | 148.7 |

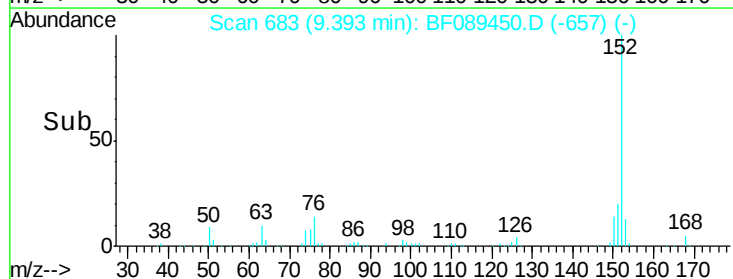
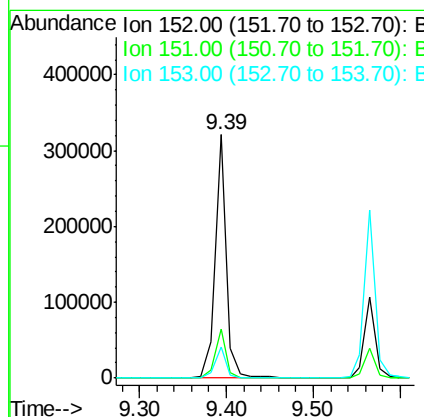
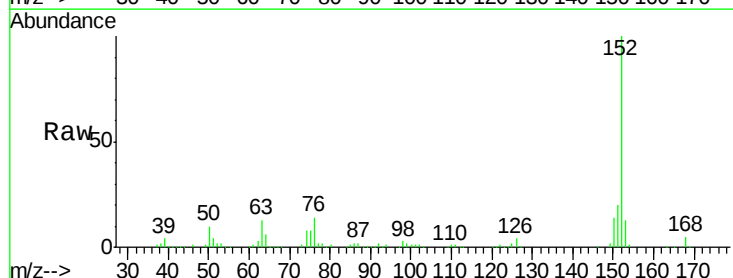
Manual Integrations  
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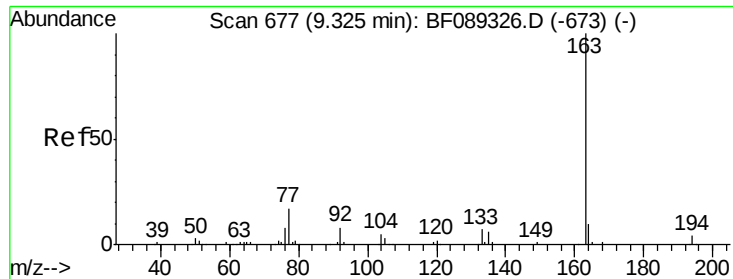
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#48  
Acenaphthylene  
Concen: 33.59 ng  
RT: 9.39 min Scan# 683  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.4  | 16.2  | 24.2  |
| 153     | 12.8  | 10.2  | 15.4  |





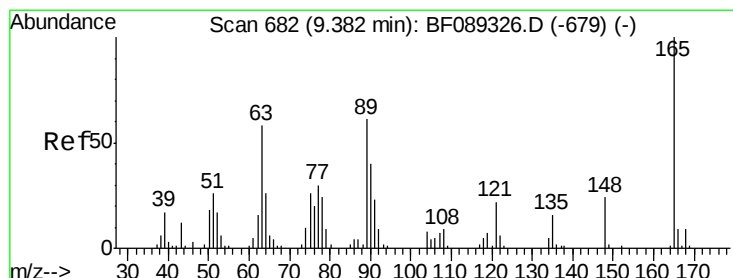
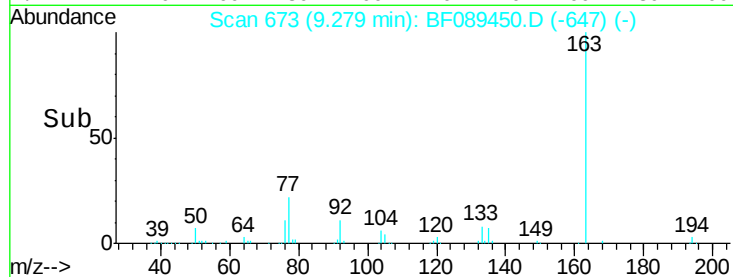
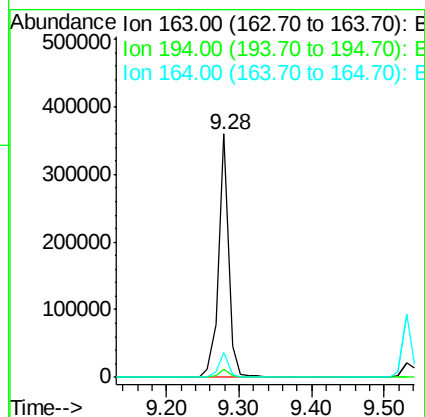
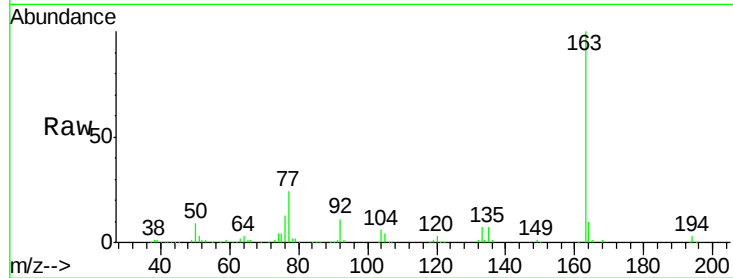
#49  
Dimethylphthalate  
Concen: 53.12 ng  
RT: 9.28 min Scan# 673  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 349010 |       |       |
| 194     | 3.3   |        | 2.8   | 4.2   |
| 164     | 10.4  |        | 7.8   | 11.8  |

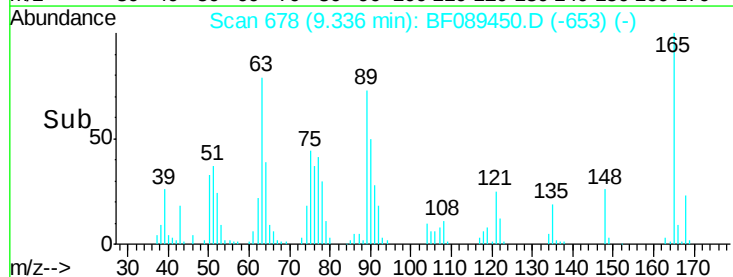
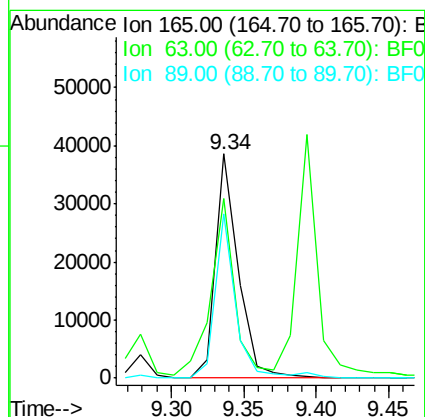
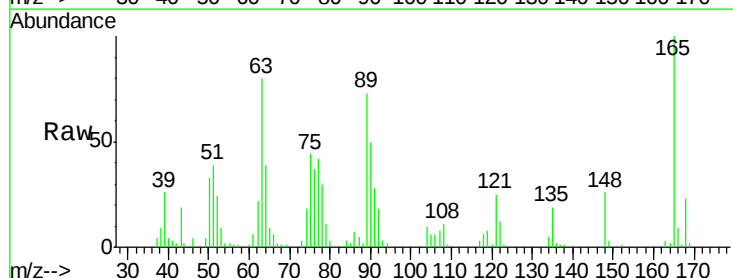
Manual Integrations  
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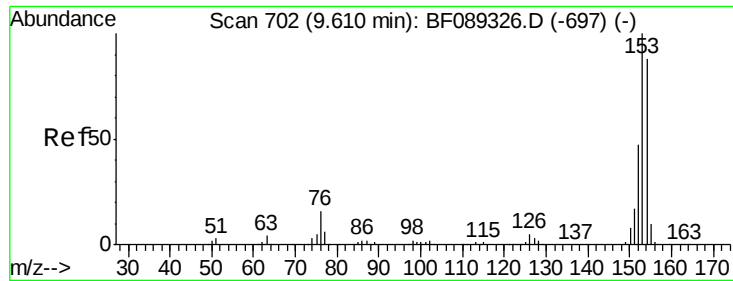
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#50  
2,6-Dinitrotoluene  
Concen: 31.34 ng  
RT: 9.34 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 42308 |       |       |
| 63      | 80.1  |       | 43.5  | 65.3# |
| 89      | 73.4  |       | 45.0  | 67.4# |





#51

Acenaphthene

Concen: 34.08 ng

RT: 9.56 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

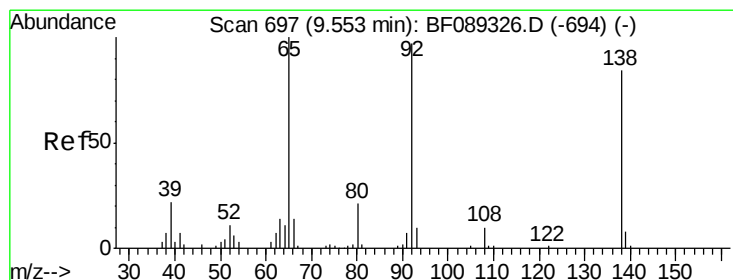
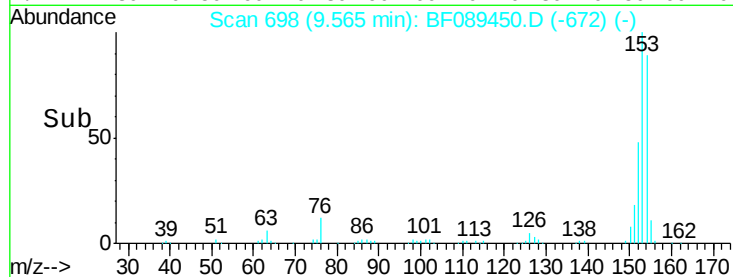
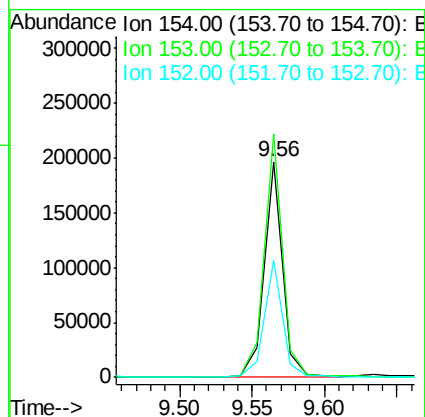
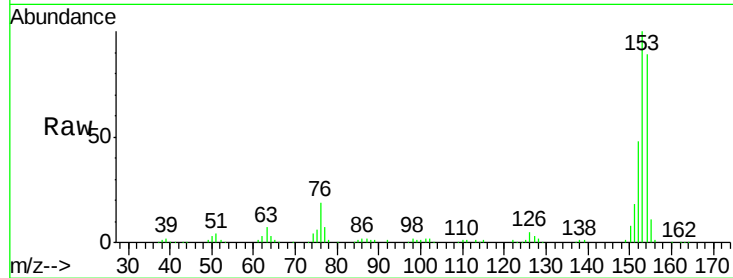
ClientSampleId :

SB-44-7.0-8.0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 173011 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.0 | 91.4  | 137.2  |
| 152       | 54.2  | 43.8  | 65.6   |

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#52

3-Nitroaniline

Concen: 24.36 ng

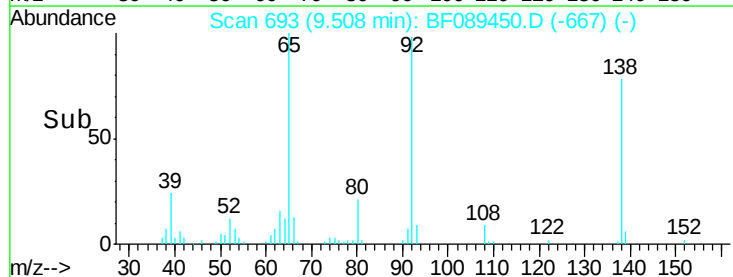
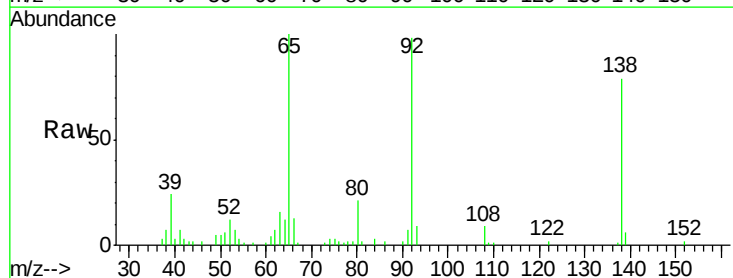
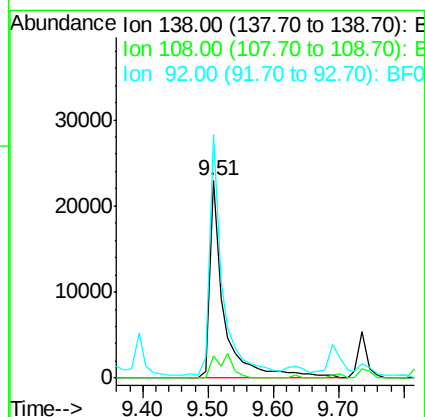
RT: 9.51 min Scan# 693

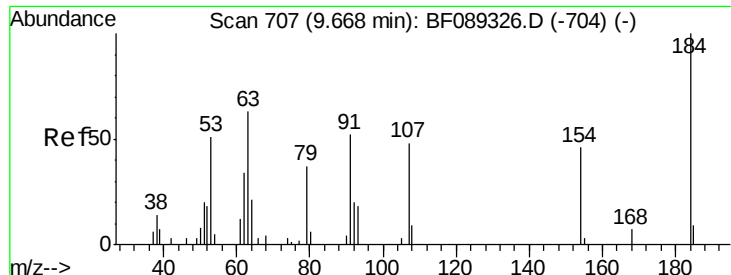
Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 34706 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.5  | 8.6   | 13.0  |
| 92        | 123.5 | 90.0  | 135.0 |





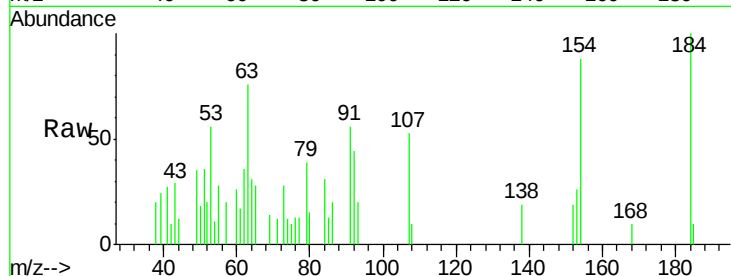
#53  
2,4-Dinitrophenol  
Concen: 19.97 ng  
RT: 9.63 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampled :  
SB-44-7.0-8.0MS

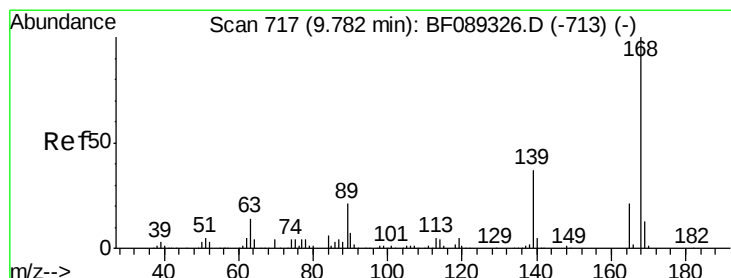
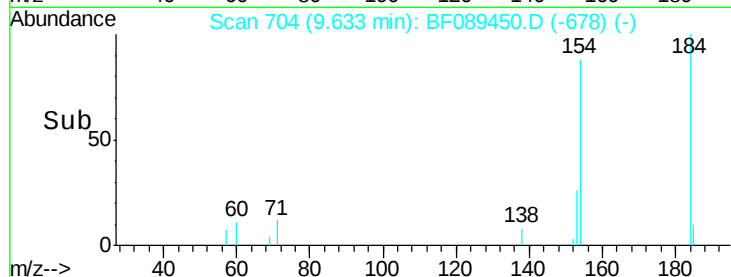
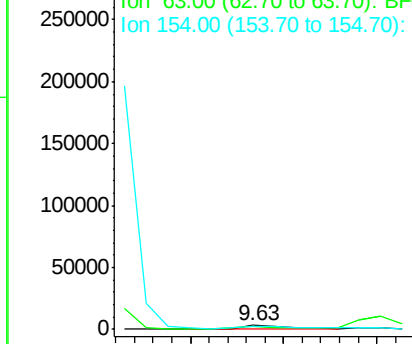
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 76.4  | 60.6  | 90.8  |
| 154     | 87.5  | 69.8  | 104.8 |

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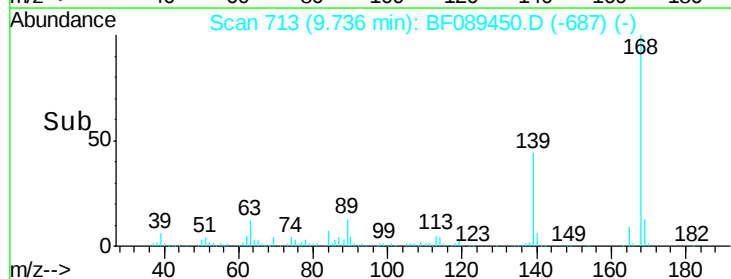
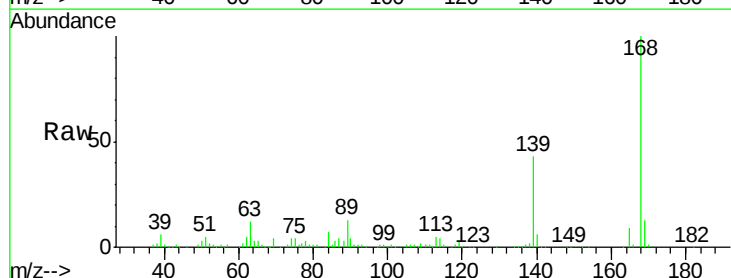
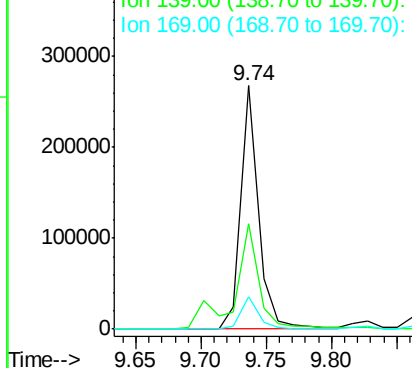
Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

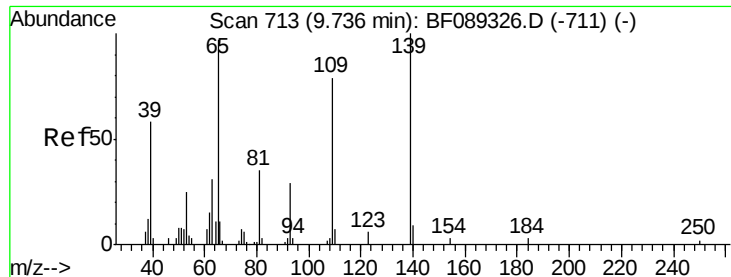


#54  
Dibenzofuran  
Concen: 36.55 ng  
RT: 9.74 min Scan# 713  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 43.5  | 33.7  | 50.5  |
| 169     | 13.4  | 10.7  | 16.1  |

Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





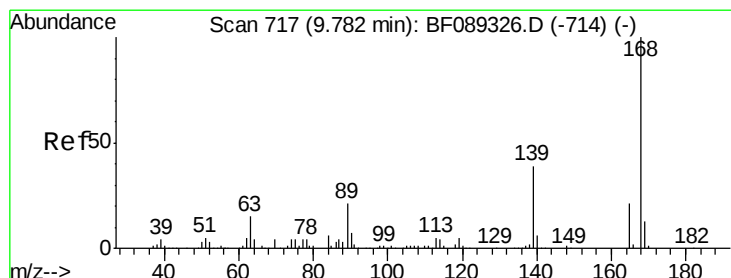
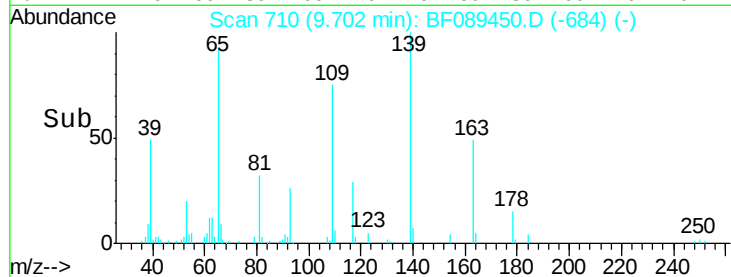
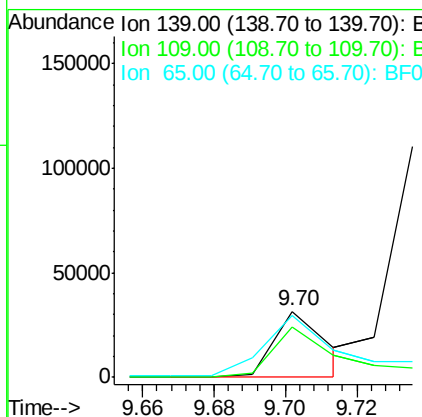
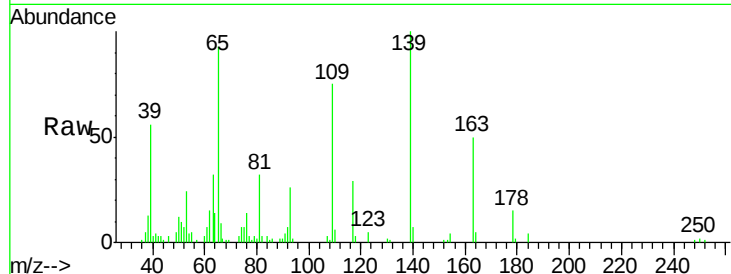
#55  
4-Nitrophenol  
Concen: 49.44 ng/ml  
RT: 9.70 min Scan# 710  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 75.4  | 57.8  | 97.8  |
| 65      | 92.9  | 81.7  | 121.7 |

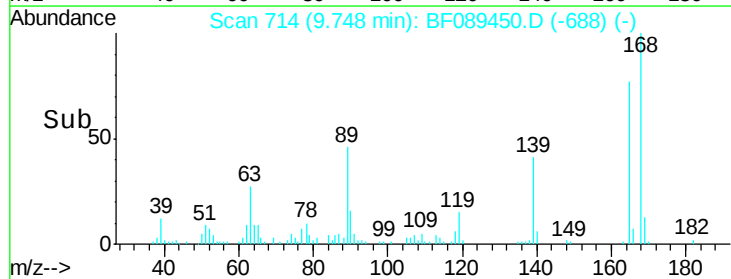
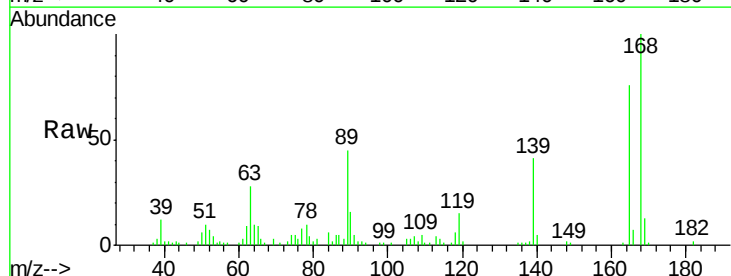
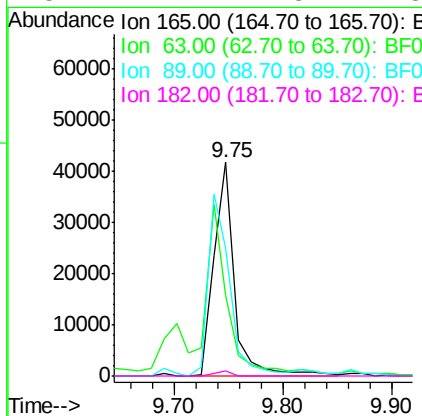
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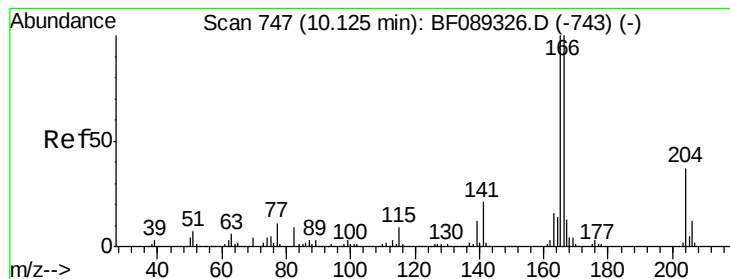
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#56  
2,4-Dinitrotoluene  
Concen: 31.25 ng  
RT: 9.75 min Scan# 714  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 165     | 100   |       |        |
| 63      | 37.5  | 58.2  | 87.2#  |
| 89      | 59.9  | 79.1  | 118.7# |
| 182     | 2.4   | 1.8   | 2.8    |





#57

Fluorene

Concen: 32.92 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

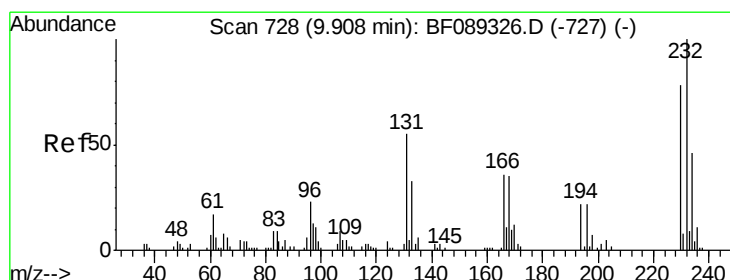
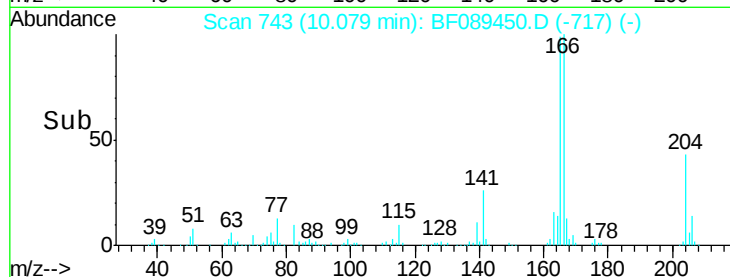
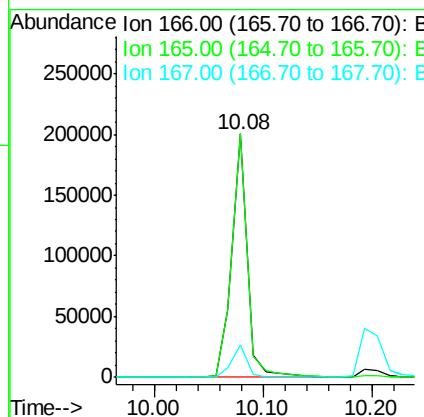
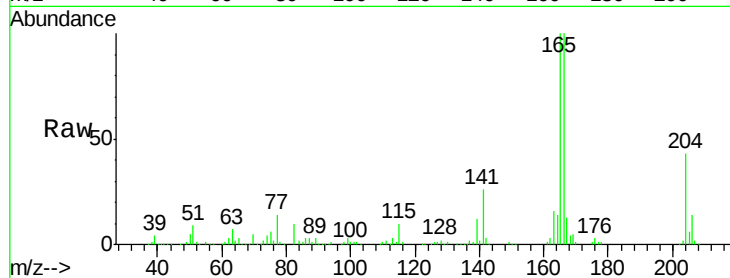
ClientSampleId :

SB-44-7.0-8.0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 198828 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 100.0 | 79.0  | 118.4  |
| 167       | 13.3  | 10.2  | 15.2   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.56 ng

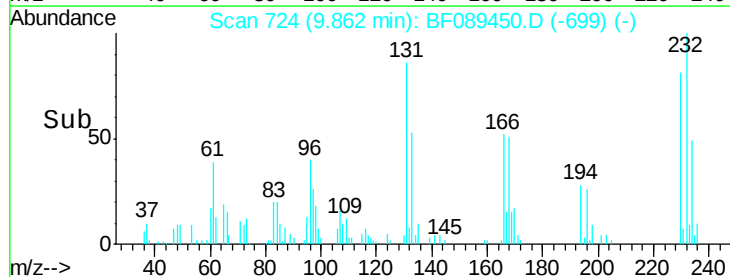
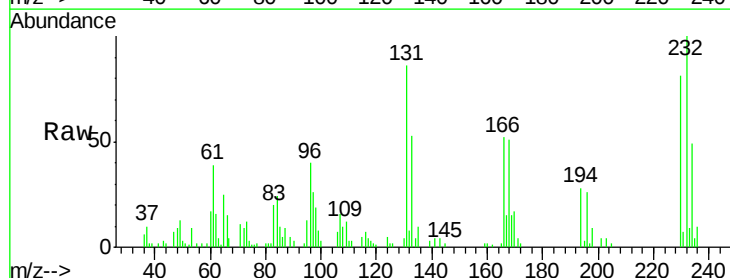
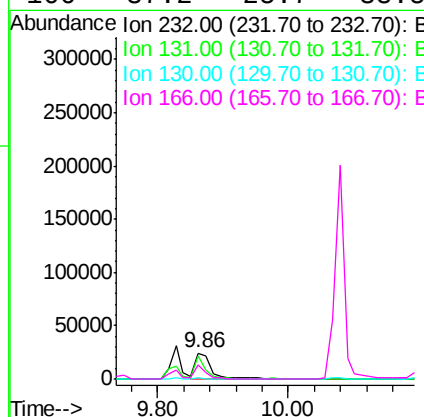
RT: 9.86 min Scan# 724

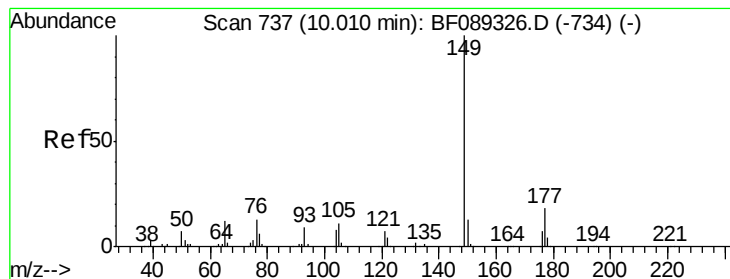
Delta R.T. -0.01 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 41974 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 57.4  | 42.7  | 64.1  |
| 130       | 2.5   | 1.7   | 2.5   |
| 166       | 37.2  | 25.7  | 38.5  |





#59

Diethylphthalate

Concen: 38.86 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

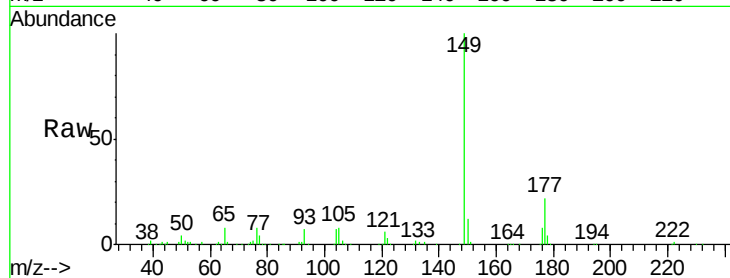
ClientSampleId :

SB-44-7.0-8.0MS

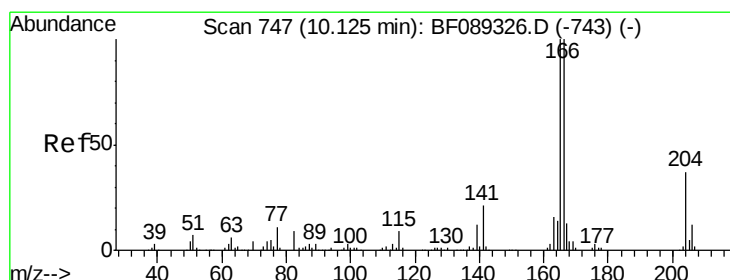
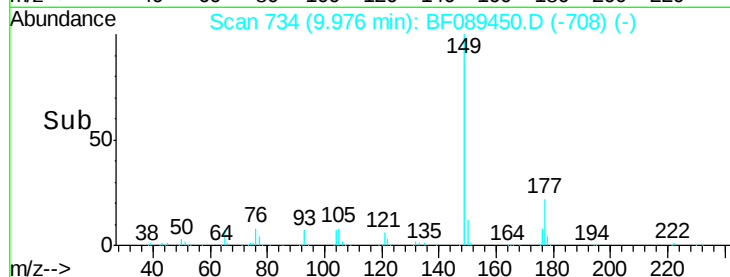
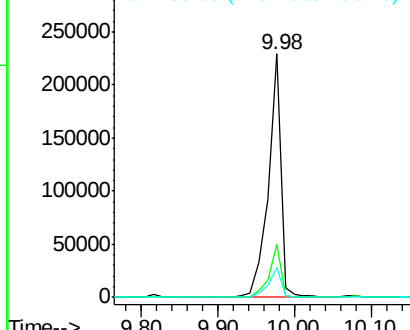
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 258846 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.7  | 15.1  | 22.7   |
| 150       | 12.2  | 10.2  | 15.4   |

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



#60

4-Chlorophenyl-phenylether

Concen: 31.91 ng

RT: 10.08 min Scan# 743

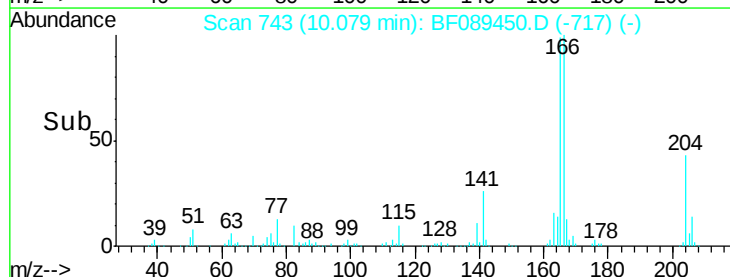
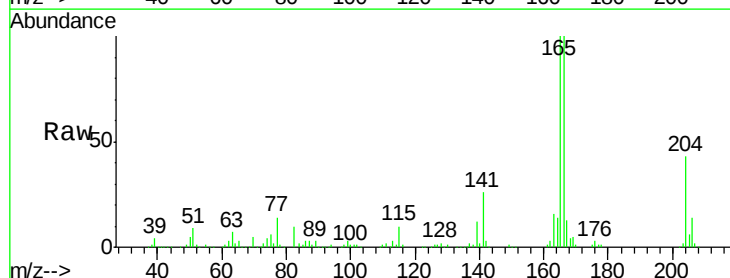
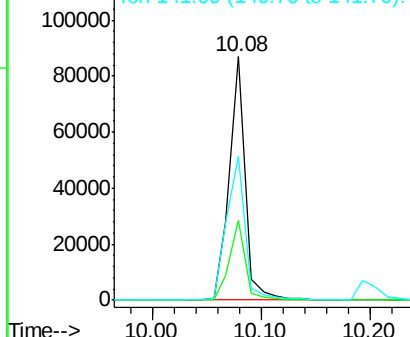
Delta R.T. 0.00 min

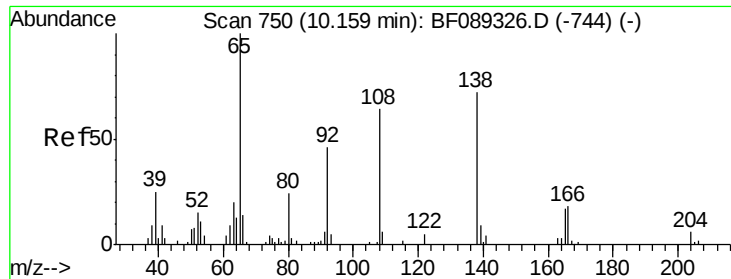
Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 204   | Resp: | 88390 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 32.6  | 26.6  | 39.8  |
| 141       | 59.0  | 46.6  | 70.0  |

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





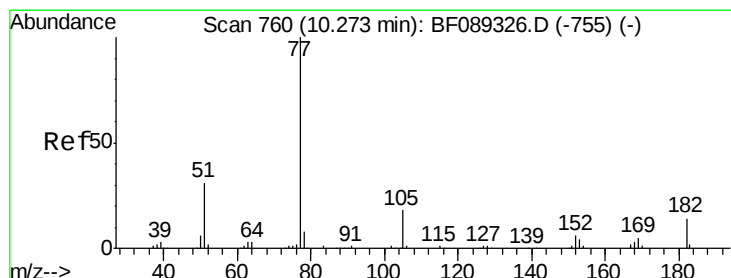
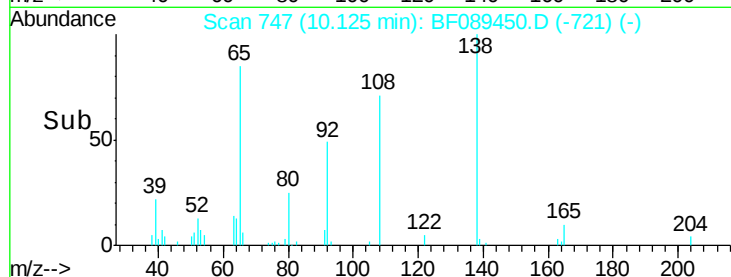
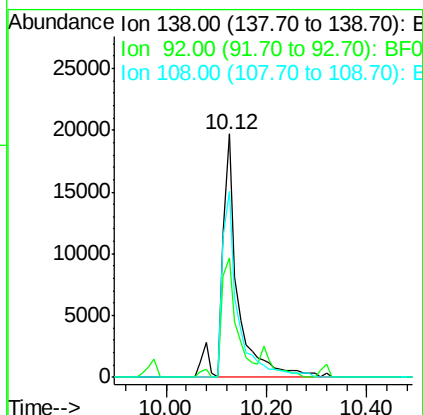
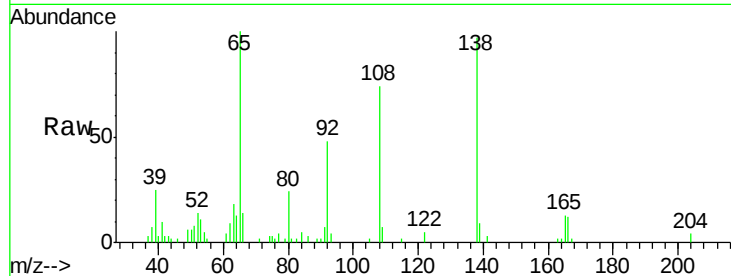
#61  
4-Nitroaniline  
Concen: 28.89 ng  
RT: 10.12 min Scan# 747  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.1  | 41.2  | 81.2  |
| 108     | 76.3  | 69.6  | 109.6 |

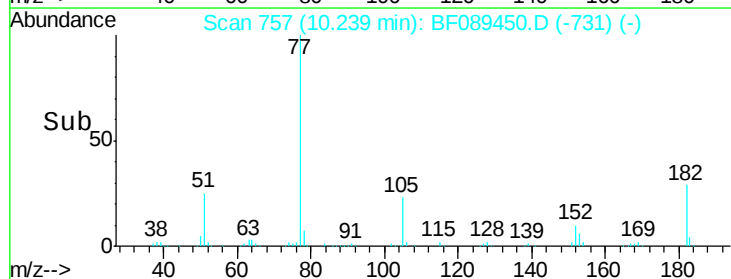
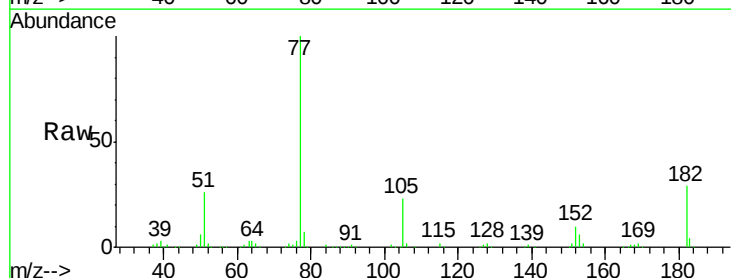
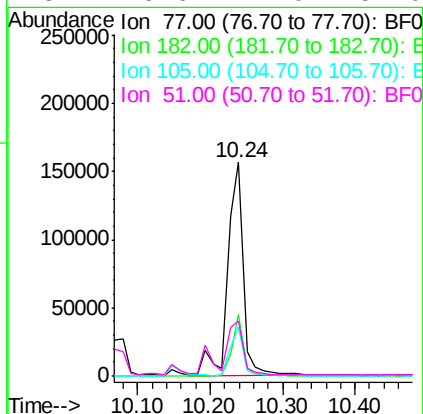
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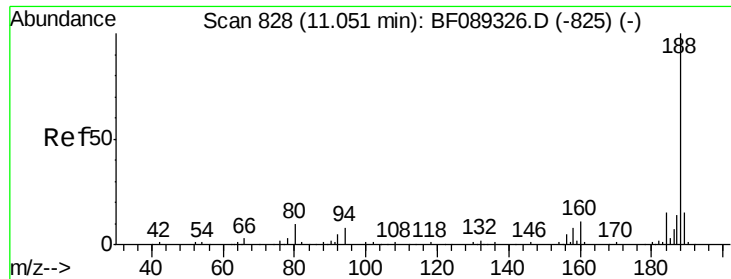
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#62  
Azobenzene  
Concen: 34.00 ng  
RT: 10.24 min Scan# 757  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.0  | 0.0   | 33.8  |
| 105     | 23.1  | 0.0   | 39.8  |
| 51      | 25.6  | 11.0  | 51.0  |





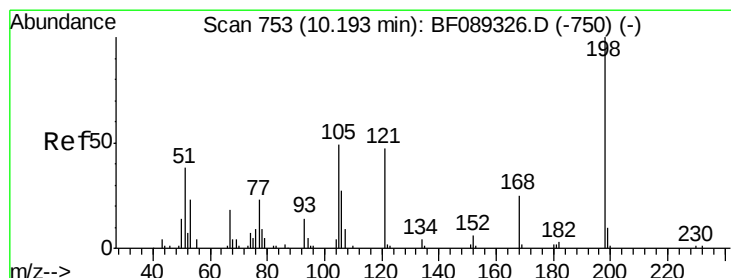
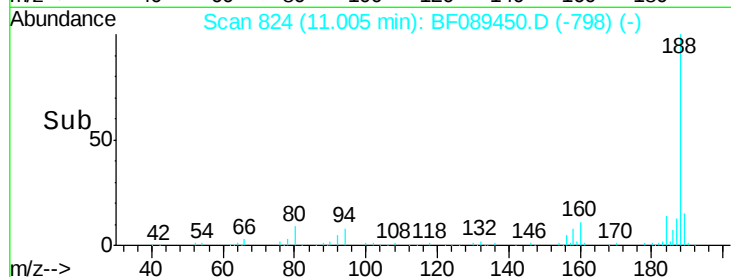
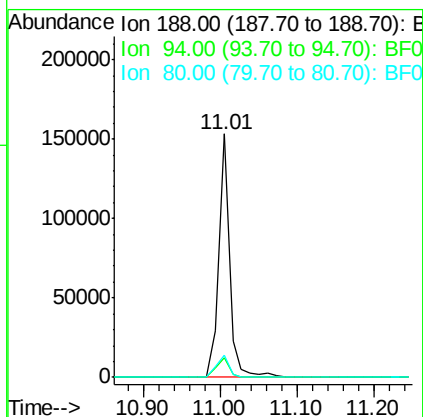
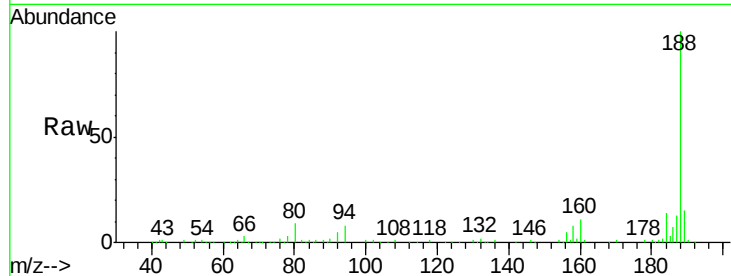
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.01 min Scan# 824  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 151151 |       |       |
| 94      | 8.3   | 6.5    | 9.7   |       |
| 80      | 9.3   | 7.2    | 10.8  |       |

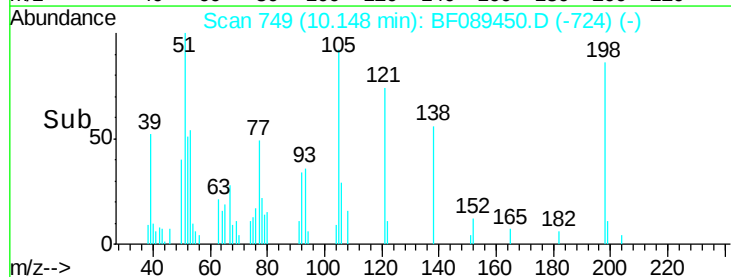
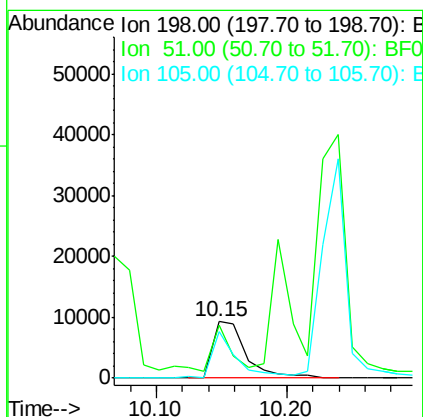
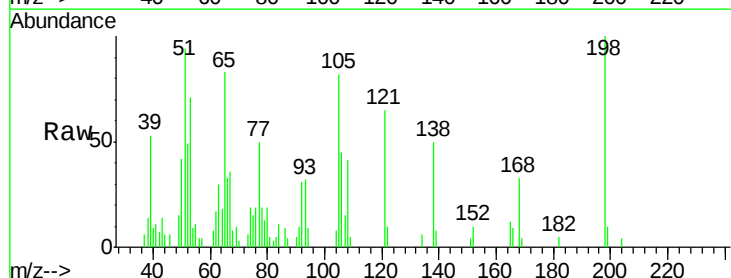
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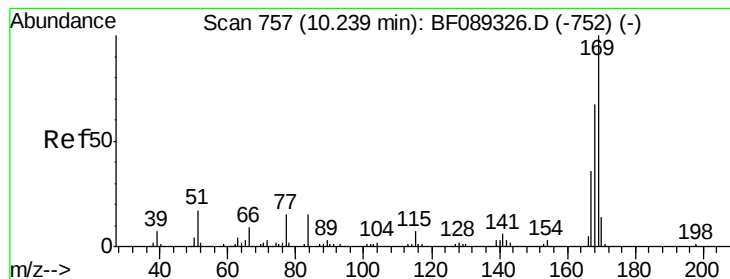
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 20.76 ng  
RT: 10.15 min Scan# 749  
Delta R.T. -0.01 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 16470 |       |       |
| 51      | 93.9  | 23.0  | 63.0# |       |
| 105     | 82.0  | 28.3  | 68.3# |       |





#65

n-Nitrosodiphenylamine

Concen: 34.20 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

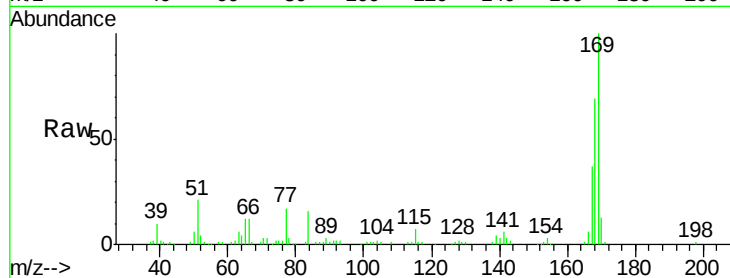
ClientSampleId :

SB-44-7.0-8.0MS

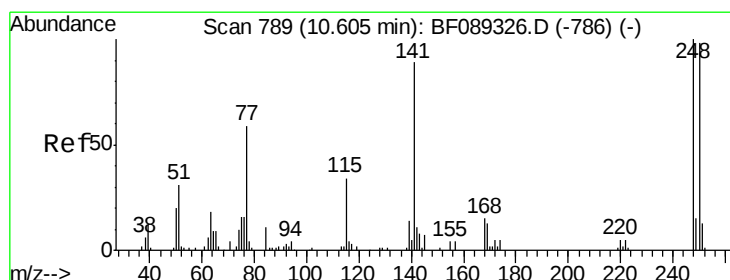
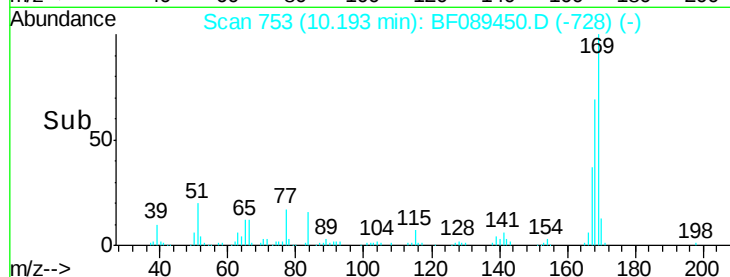
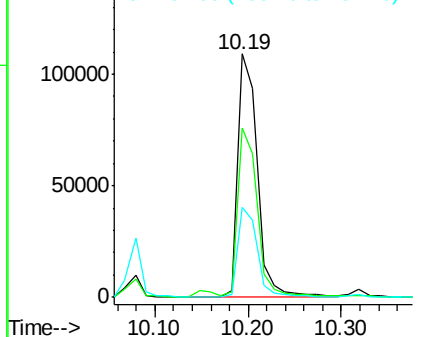
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 161291 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.5  | 55.4  | 83.0   |
| 167       | 36.7  | 29.7  | 44.5   |

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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: 36.57 ng

RT: 10.56 min Scan# 785

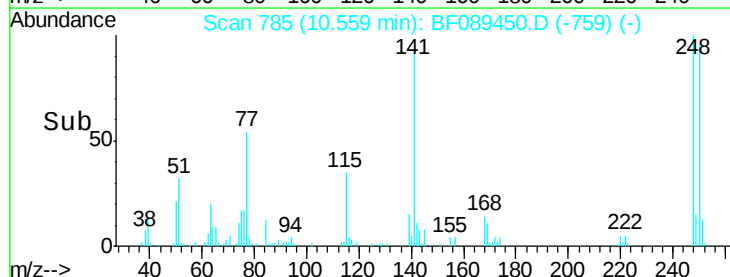
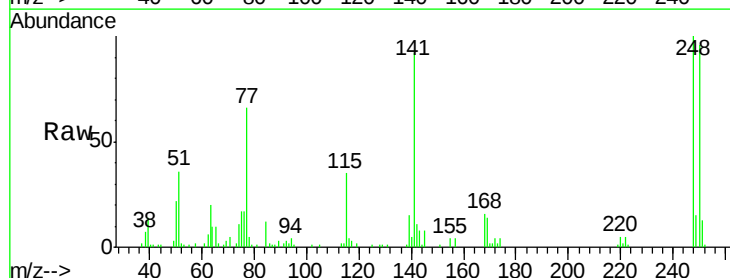
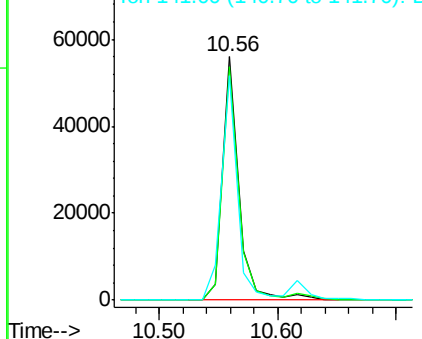
Delta R.T. 0.00 min

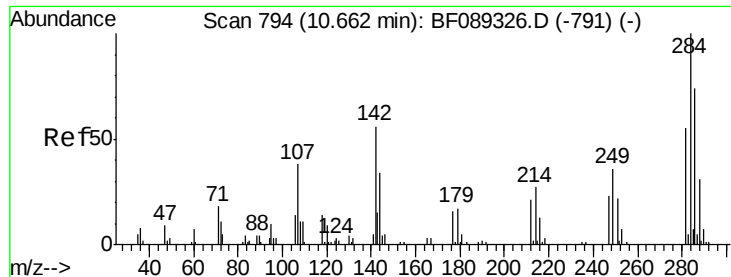
Lab File: BF089450.D

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 52771 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 95.9  | 78.2  | 117.2 |
| 141       | 92.0  | 62.0  | 93.0  |

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





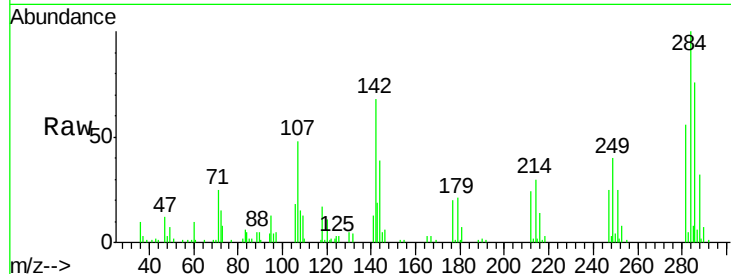
#67  
Hexachlorobenzene  
Concen: 31.28 ng  
RT: 10.62 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

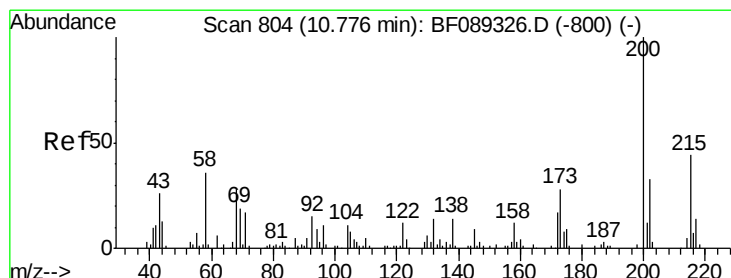
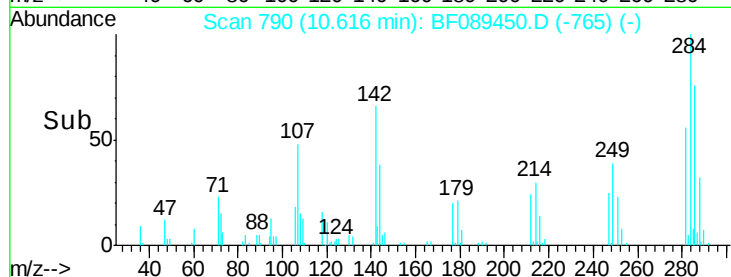
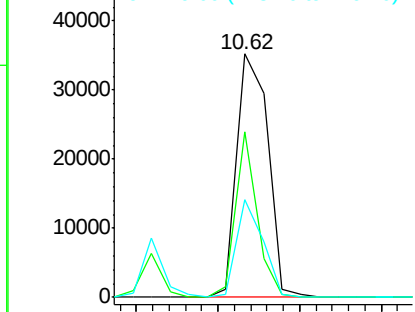
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 46253 |       |       |
| 142     | 67.9  | 42.2  | 63.4  | #     |
| 249     | 40.0  | 29.4  | 44.0  |       |

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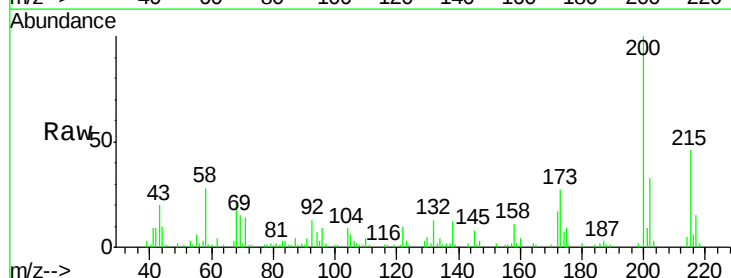


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

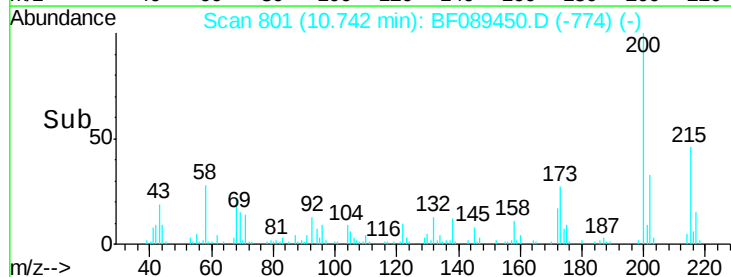
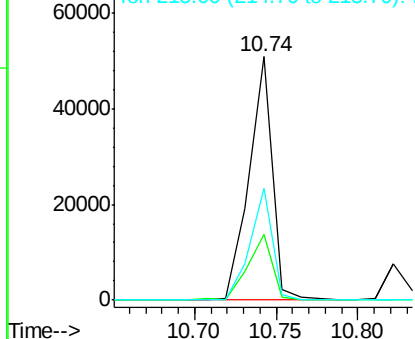


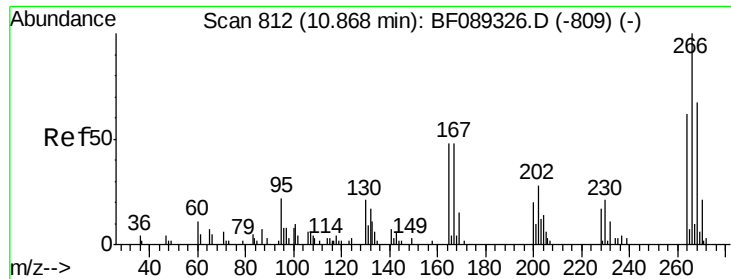
#68  
Atrazine  
Concen: 34.87 ng  
RT: 10.74 min Scan# 801  
Delta R.T. 0.01 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 50525 |       |       |
| 173     | 27.2  | 6.0   | 46.0  |       |
| 215     | 46.0  | 24.3  | 64.3  |       |



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





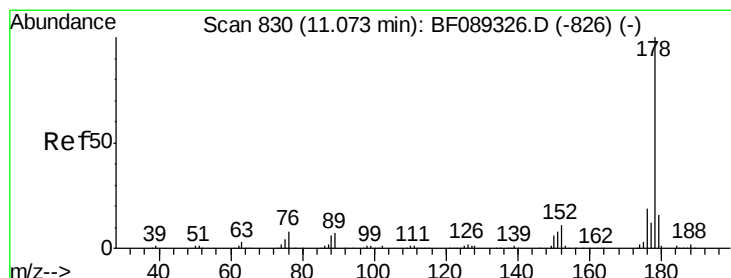
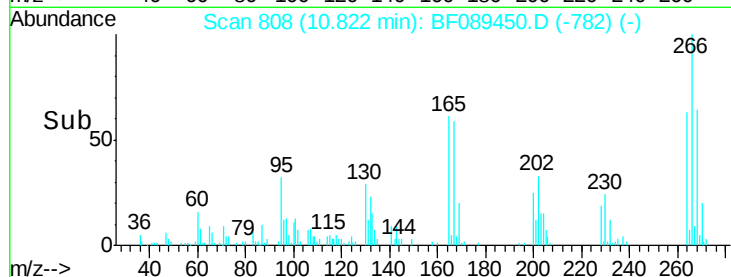
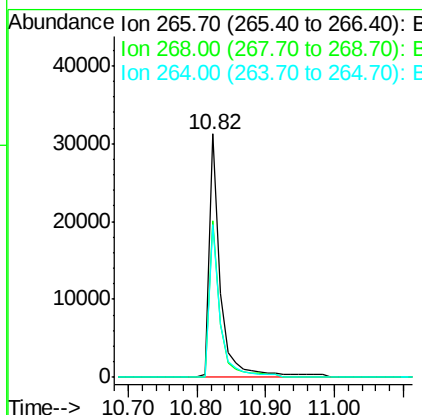
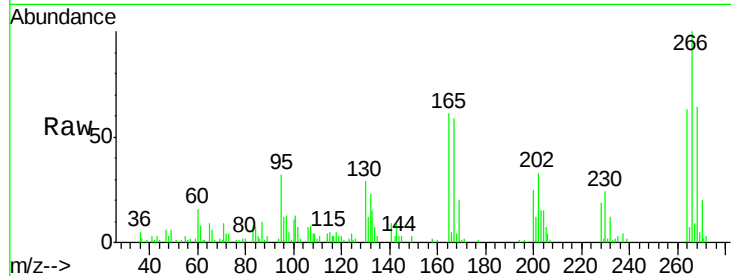
#69  
 Pentachlorophenol  
 Concen: 53.31 ng  
 RT: 10.82 min Scan# 808  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 49.4  | 74.2  |
| 264     | 62.6  | 50.2  | 75.2  |

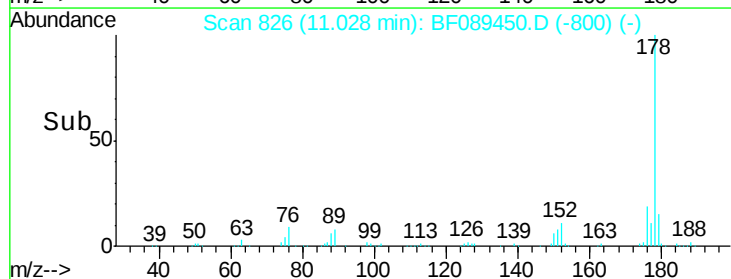
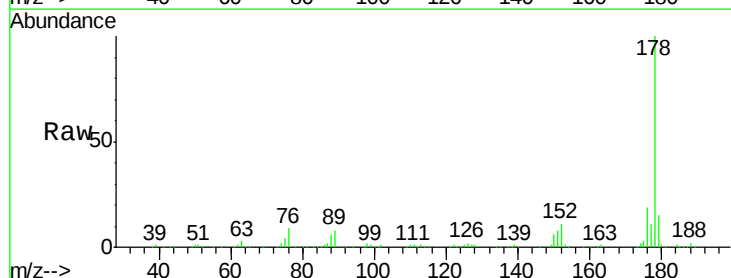
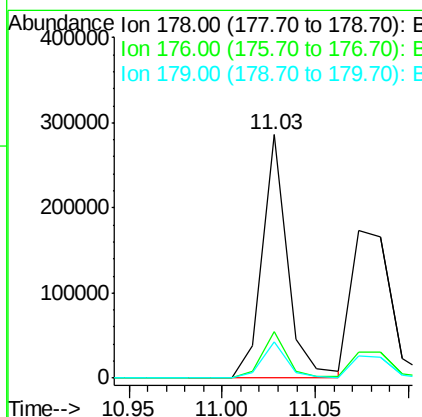
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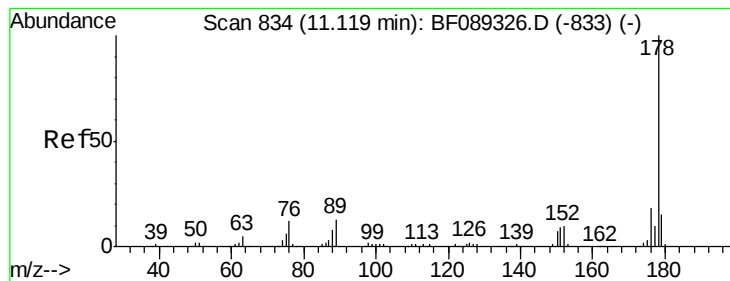
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#70  
 Phenanthrene  
 Concen: 34.30 ng  
 RT: 11.03 min Scan# 826  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.5  | 23.3  |
| 179     | 15.0  | 12.3  | 18.5  |





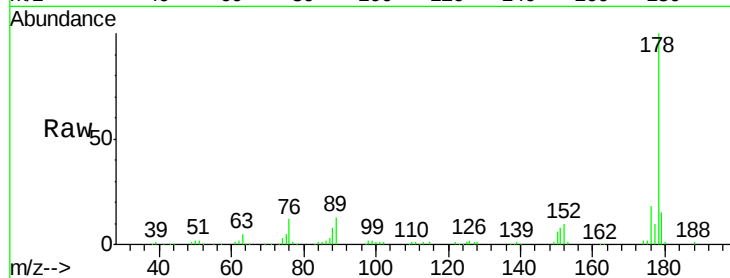
#71  
 Anthracene  
 Concen: 31.11 ng  
 RT: 11.07 min Scan# 830  
 Delta R.T. -0.01 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

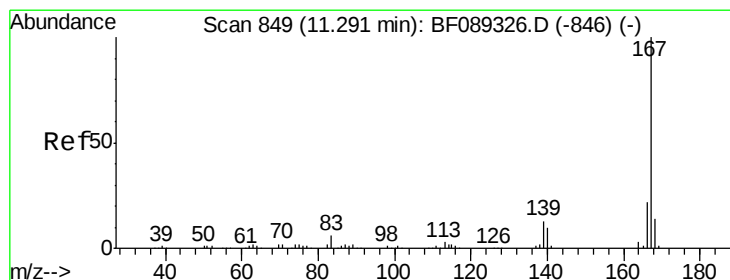
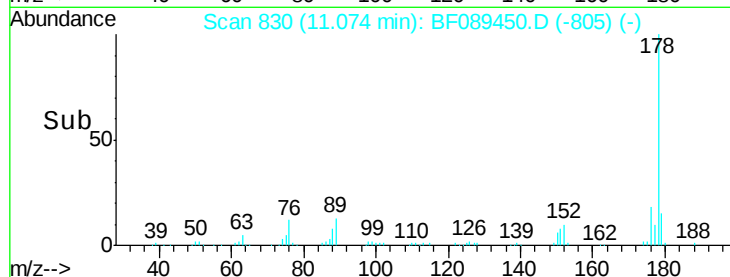
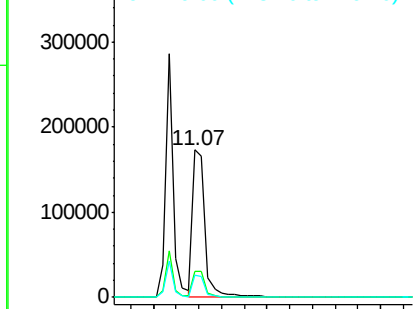
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.0  | 14.8  | 22.2  |
| 179     | 15.4  | 12.6  | 18.8  |

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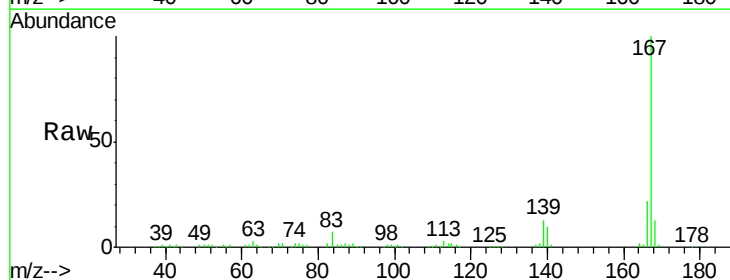


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

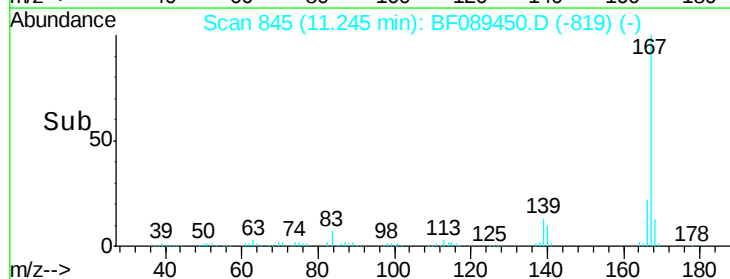
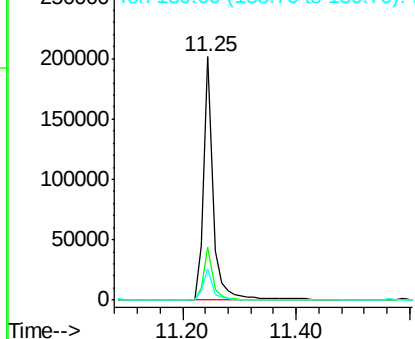


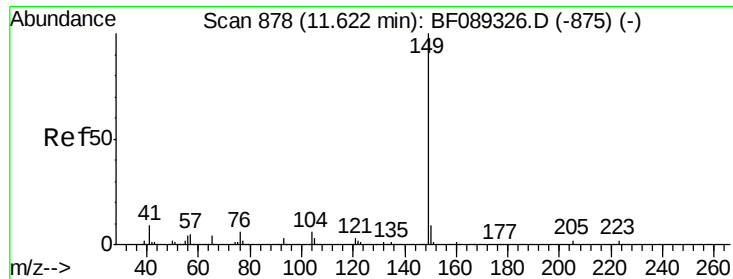
#72  
 Carbazole  
 Concen: 31.64 ng  
 RT: 11.25 min Scan# 845  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 17.6  | 26.4  |
| 139     | 13.0  | 10.1  | 15.1  |



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 30.32 ng

RT: 11.59 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

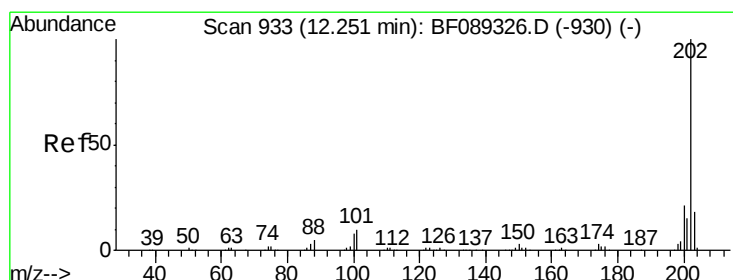
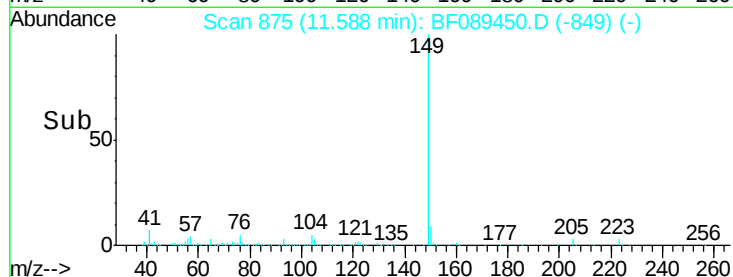
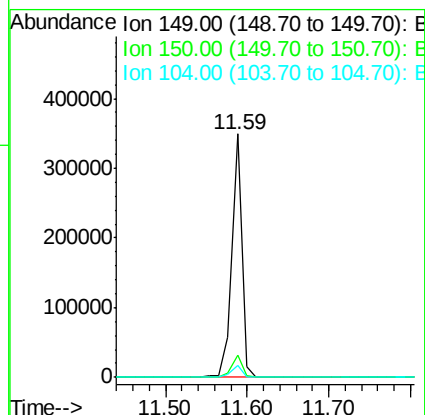
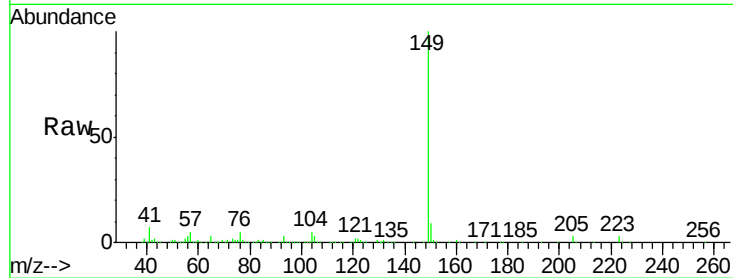
ClientSampleId :

SB-44-7.0-8.0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 296764 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.0   | 7.4   | 11.0   |
| 104       | 4.9   | 4.7   | 7.1    |

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#74

Fluoranthene

Concen: 29.18 ng

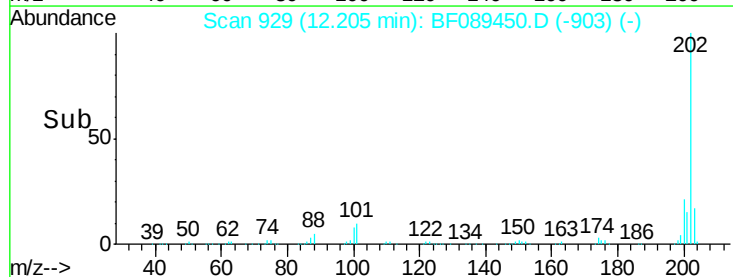
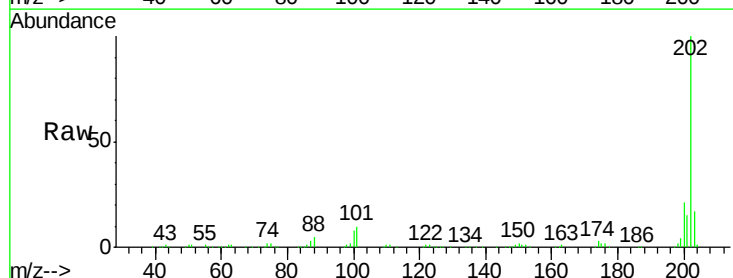
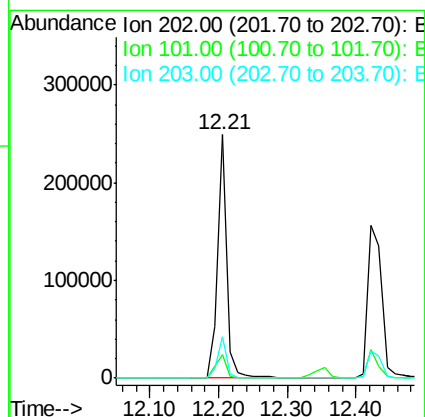
RT: 12.21 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 239271 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.8   | 0.0   | 29.9   |
| 203       | 17.0  | 0.0   | 37.3   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

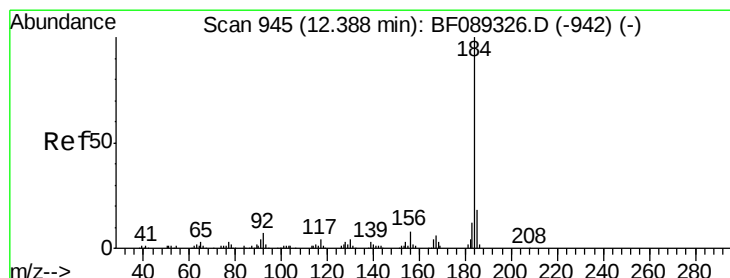
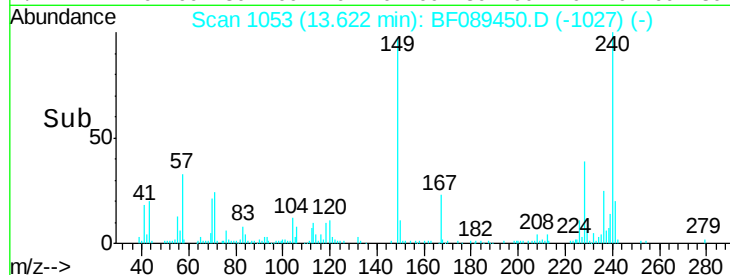
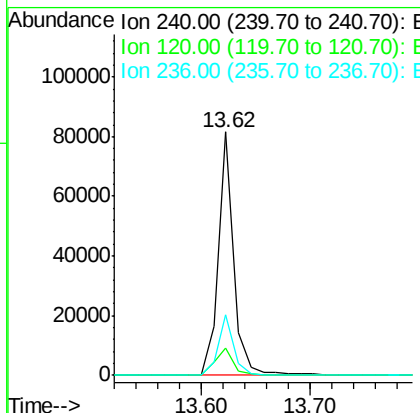
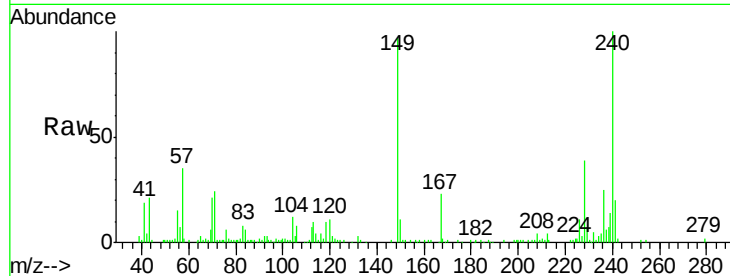
ClientSampled :

SB-44-7.0-8.0MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 240   | Resp: | 81328 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 11.0  | 9.1   | 13.7  |
| 236       | 24.9  | 20.6  | 30.8  |

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#76

Benzidine

Concen: 9.89 ng

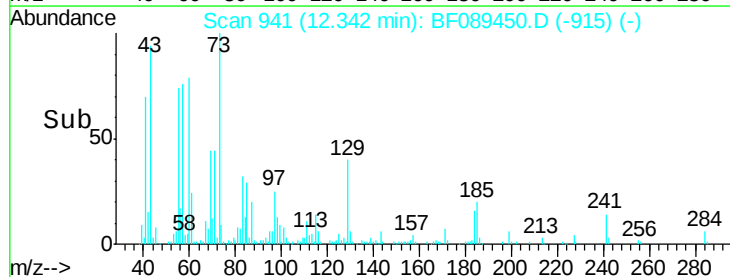
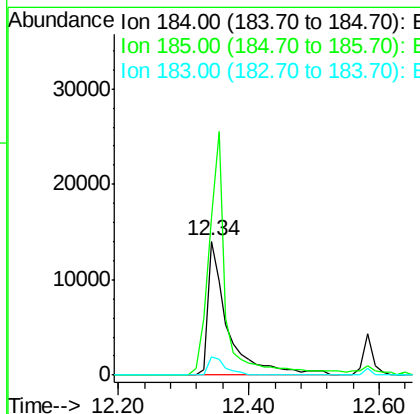
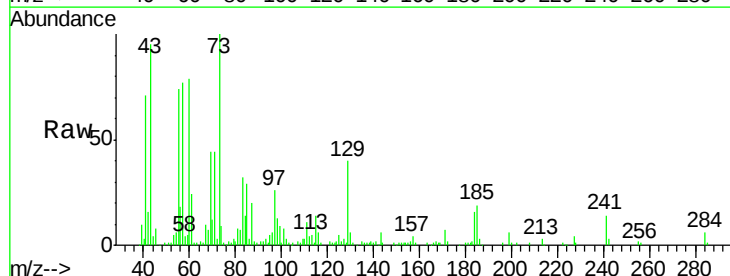
RT: 12.34 min Scan# 941

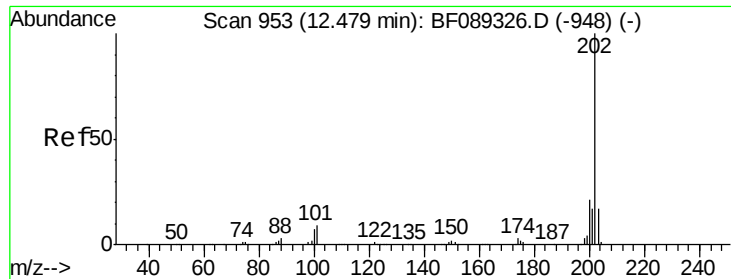
Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 29727 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 118.5 | 13.5  | 20.3# |
| 183       | 13.8  | 9.8   | 14.6  |





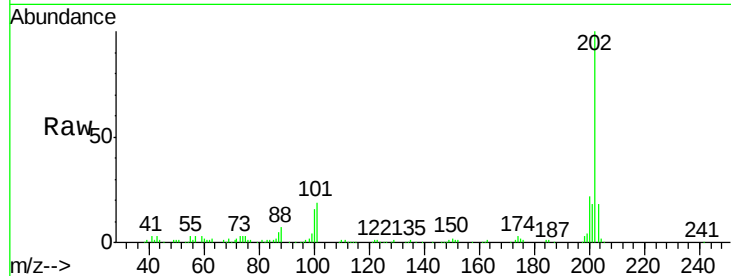
#77  
Pvrene  
Concen: 35.18 ng  
RT: 12.42 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.6  | 16.9  | 25.3  |
| 203     | 18.3  | 14.0  | 21.0  |

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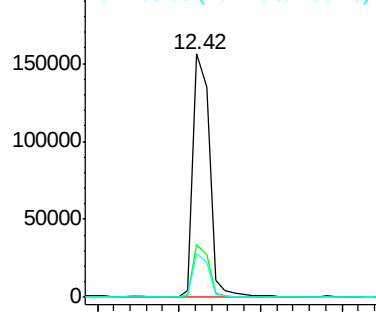


Abundance

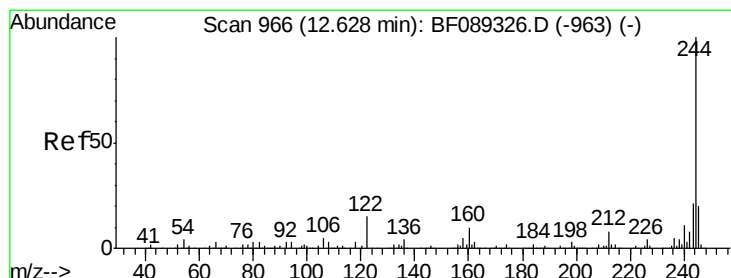
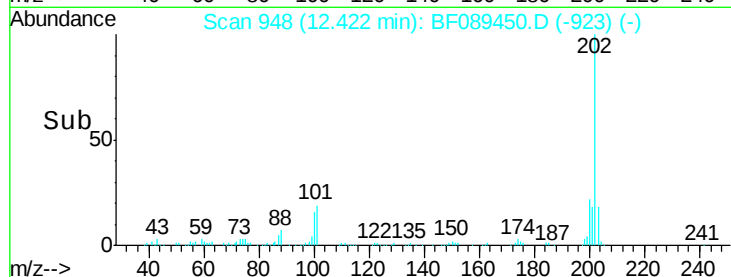
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78  
Terphenyl-d14  
Concen: 67.18 ng  
RT: 12.58 min Scan# 962  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

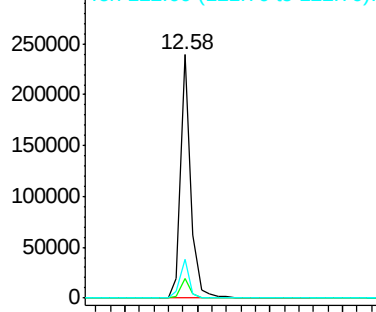
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 6.5   | 9.7   |
| 122     | 15.7  | 11.4  | 17.0  |

Abundance

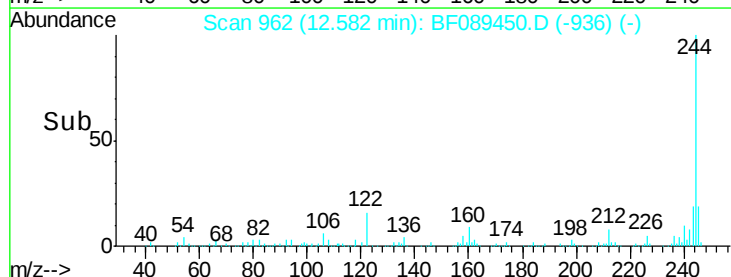
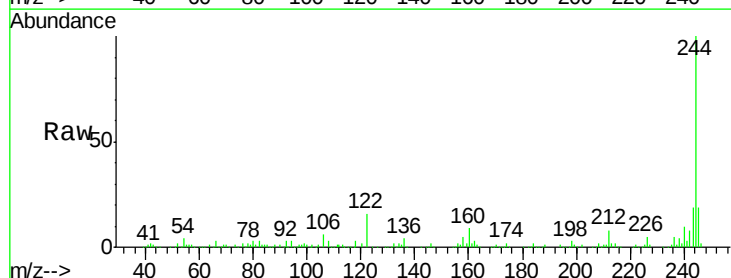
Ion 244.00 (243.70 to 244.70): E

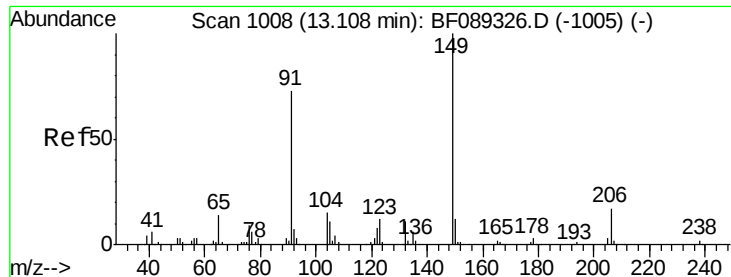
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 32.99 ng

RT: 13.06 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

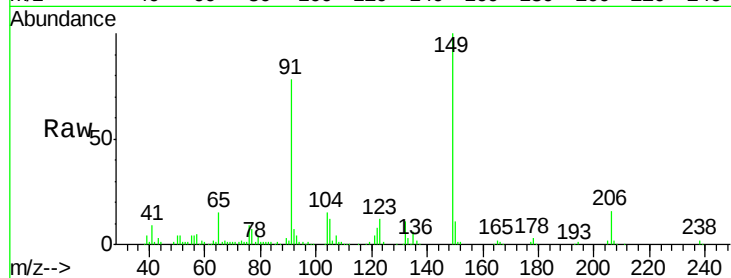
ClientSampleId :

SB-44-7.0-8.0MS

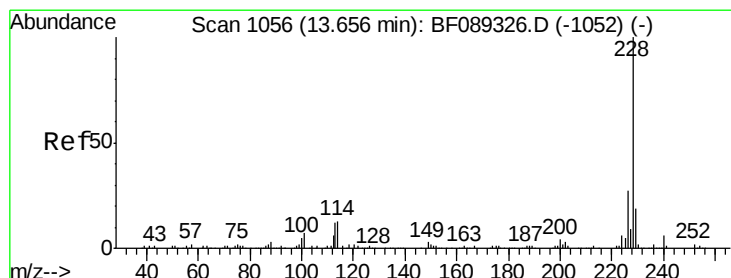
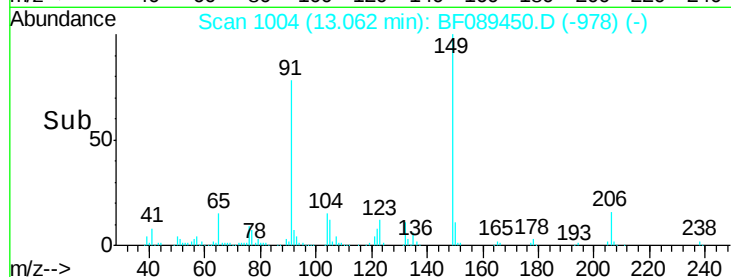
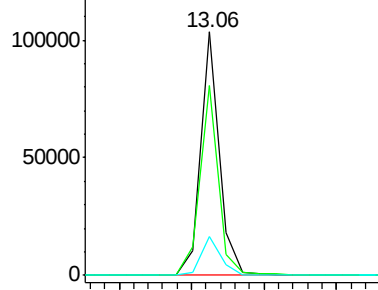
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 149   | Resp: | 92444 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 78.1  | 58.5  | 87.7  |
| 206       | 16.2  | 13.8  | 20.8  |

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Abundance Ion 149.00 (148.70 to 149.70): E



#80

Benzo(a)anthracene

Concen: 33.53 ng

RT: 13.61 min Scan# 1052

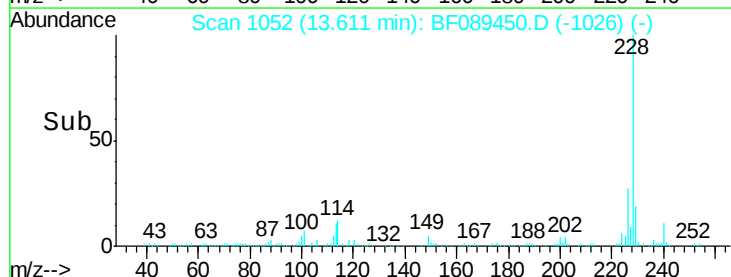
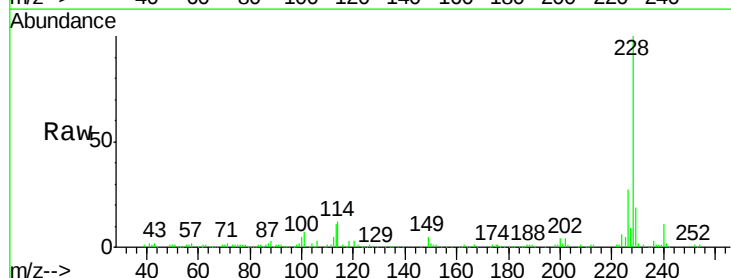
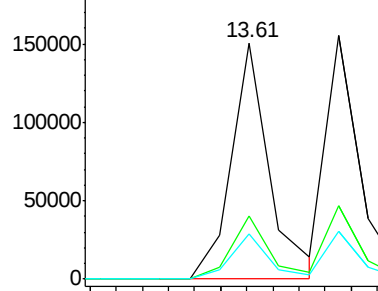
Delta R.T. 0.00 min

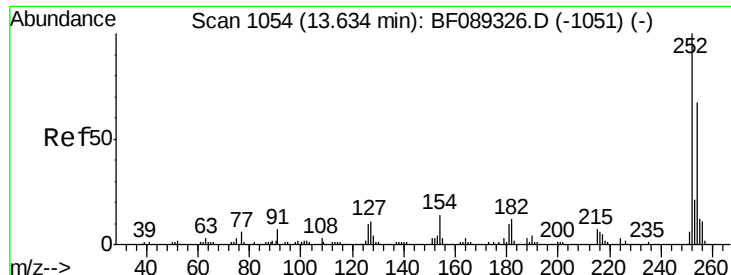
Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 153900 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.6  | 21.4  | 32.2   |
| 229       | 19.1  | 15.9  | 23.9   |

Abundance Ion 228.00 (227.70 to 228.70): E





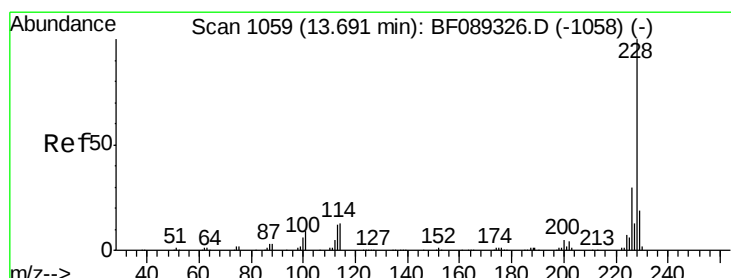
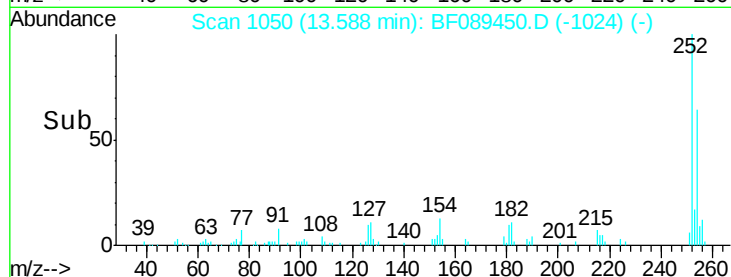
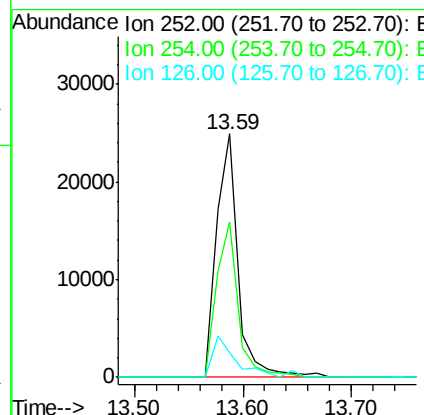
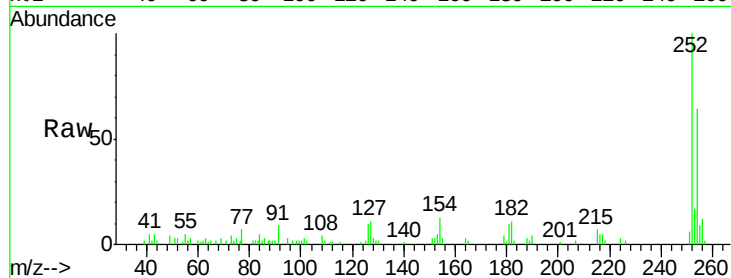
#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.09 ng  
 RT: 13.59 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.7  | 52.5  | 78.7  |
| 126     | 10.1  | 7.4   | 11.2  |

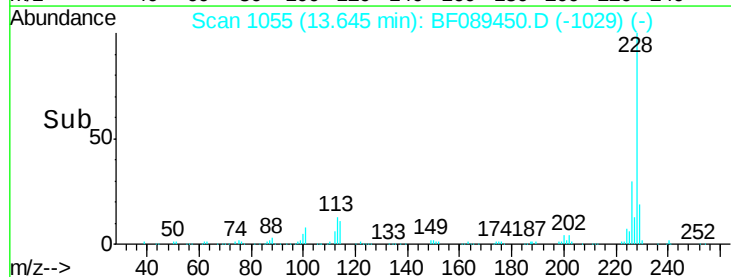
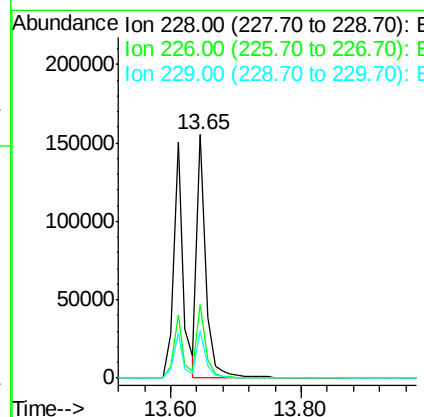
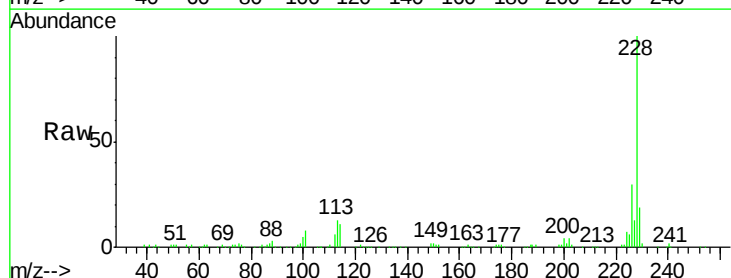
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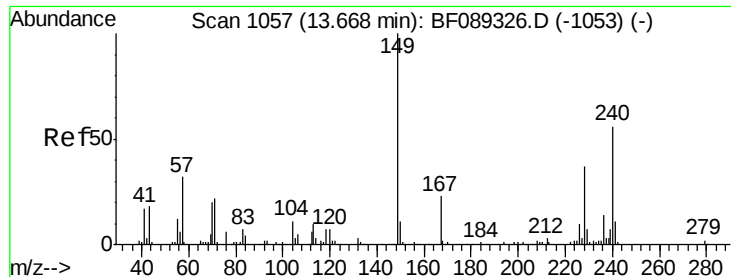
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#82  
 Chrysene  
 Concen: 30.62 ng  
 RT: 13.65 min Scan# 1055  
 Delta R.T. 0.00 min  
 Lab File: BF089450.D  
 Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 24.2  | 36.2  |
| 229     | 19.5  | 15.9  | 23.9  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.30 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

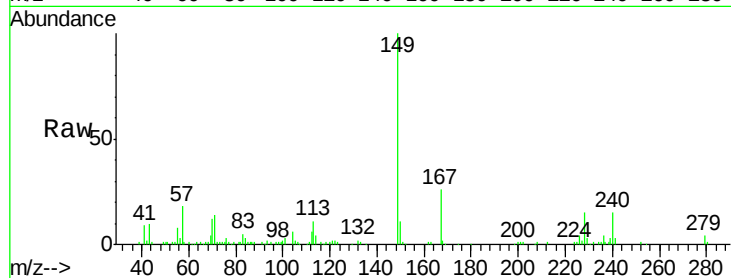
ClientSampleId :

SB-44-7.0-8.0MS

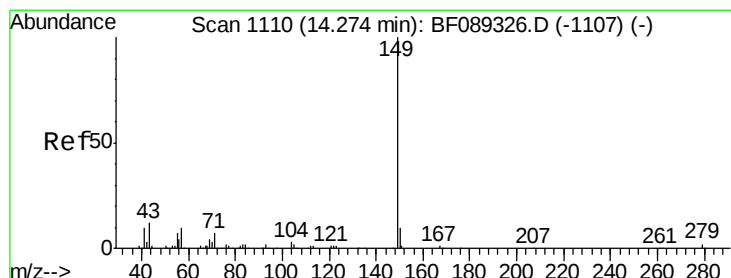
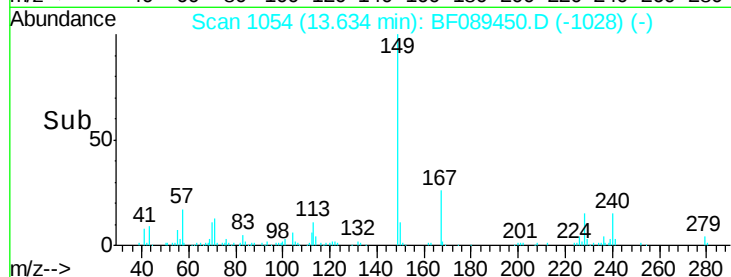
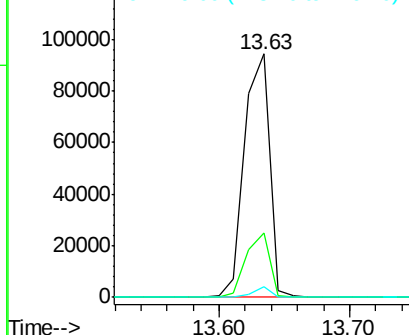
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 126793 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.4  | 18.8  | 28.2   |
| 279       | 4.3   | 1.4   | 2.0#   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.06 ng

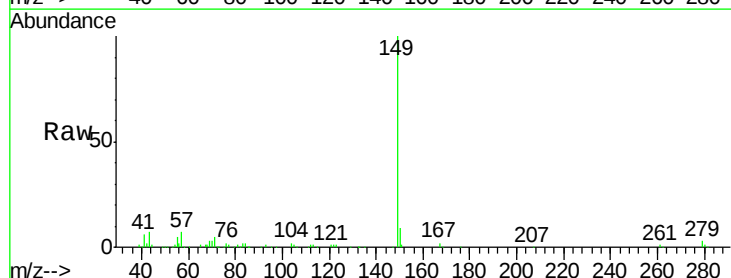
RT: 14.24 min Scan# 1107

Delta R.T. 0.00 min

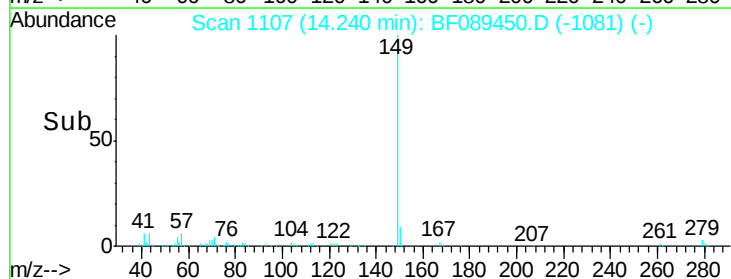
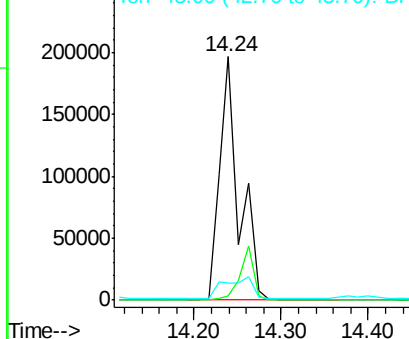
Lab File: BF089450.D

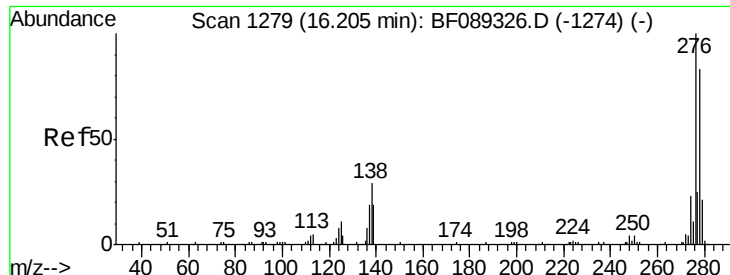
Acq: 30 Jul 2016 13:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 310146 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 0.0   | 1.1   | 1.7#   |
| 43        | 0.0   | 7.3   | 10.9#  |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





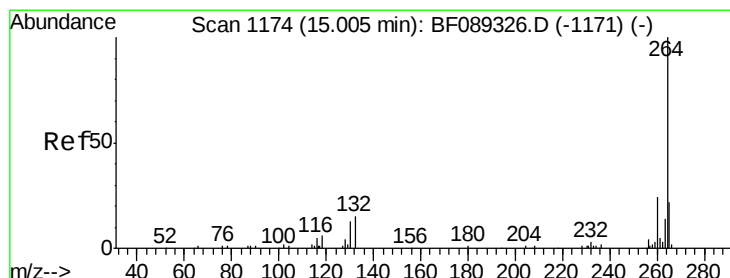
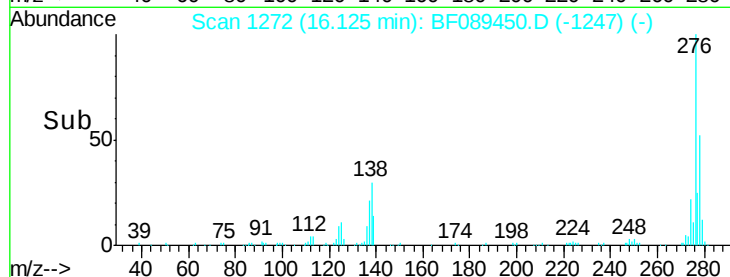
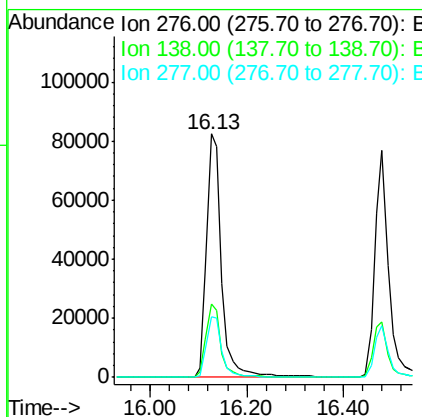
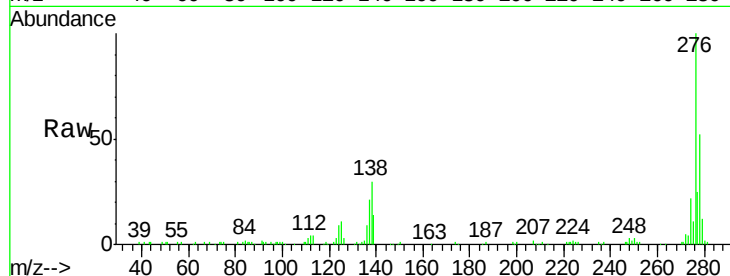
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 52.10 ng  
RT: 16.13 min Scan# 1272  
Delta R.T. -0.01 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.7  | 23.0  | 34.4  |
| 277     | 25.0  | 20.2  | 30.4  |

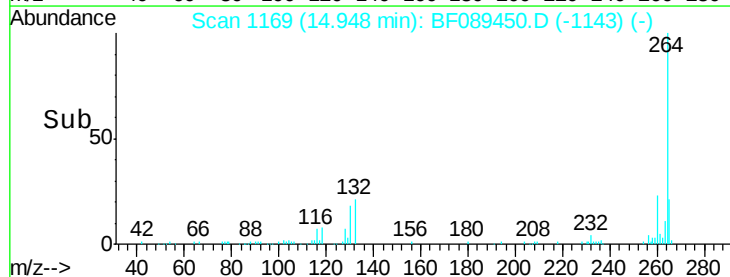
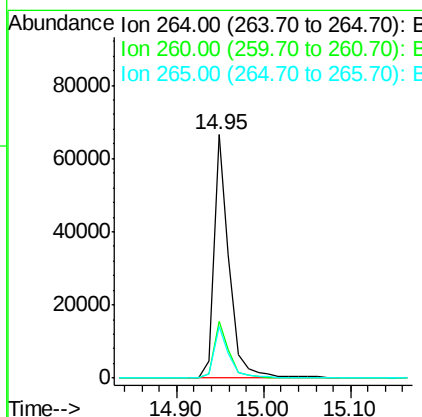
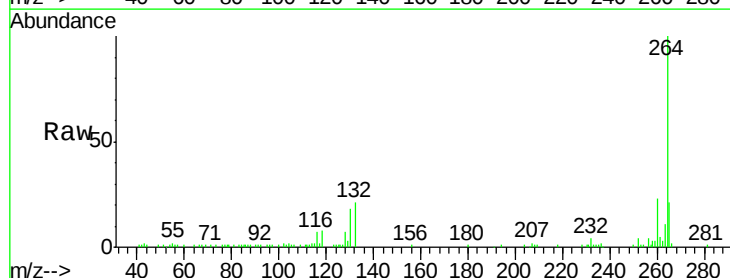
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 14.95 min Scan# 1169  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.0  | 28.4  |
| 265     | 21.4  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 27.42 ng m

RT: 14.61 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

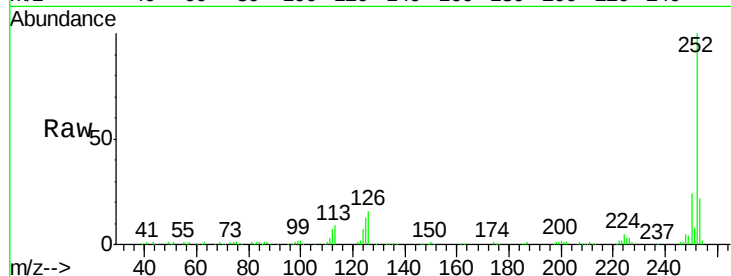
ClientSampleId :

SB-44-7.0-8.0MS

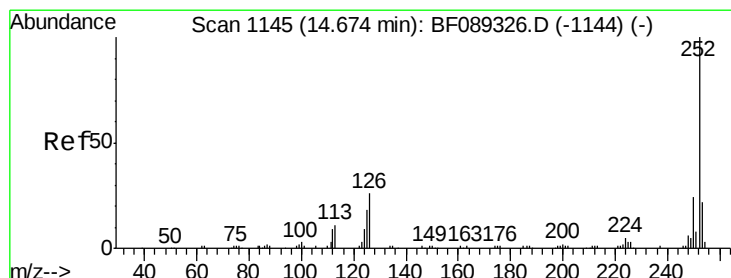
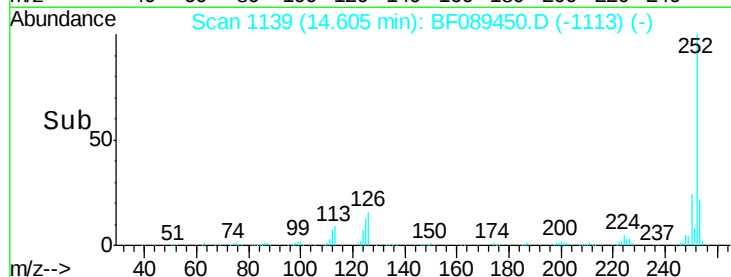
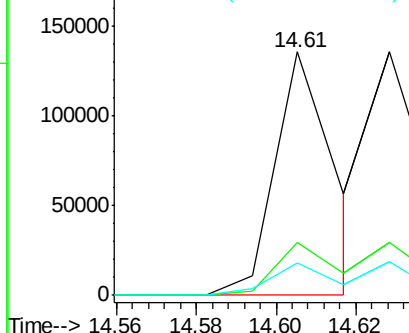
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 139063 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.2  | 25.8   |
| 125       | 13.2  | 9.7   | 14.5   |

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



#88

Benzo(k)fluoranthene

Concen: 31.52 ng m

RT: 14.63 min Scan# 1141

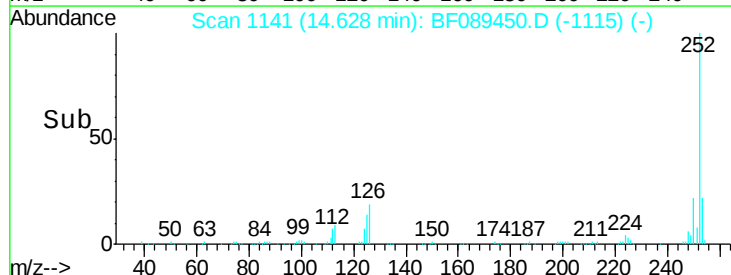
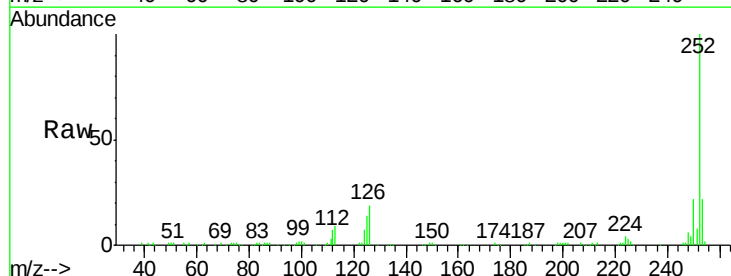
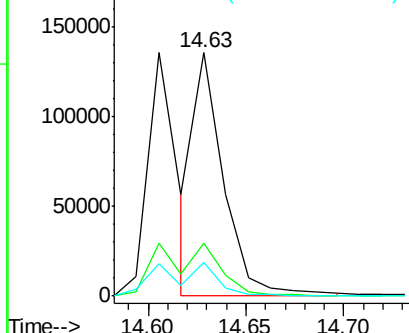
Delta R.T. 0.00 min

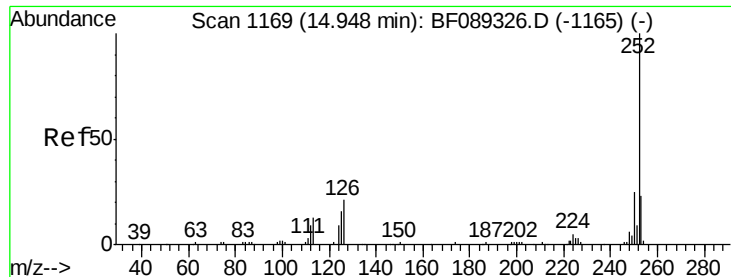
Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 146977 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.5  | 17.8  | 26.8   |
| 125       | 13.6  | 10.7  | 16.1   |

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





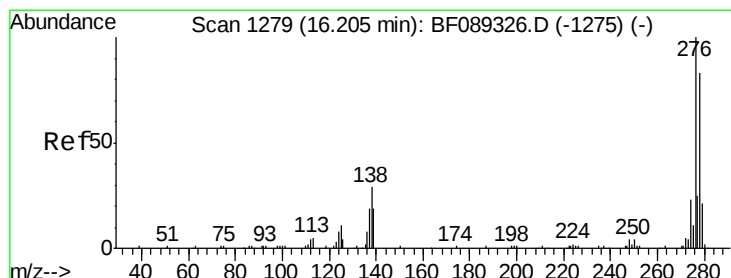
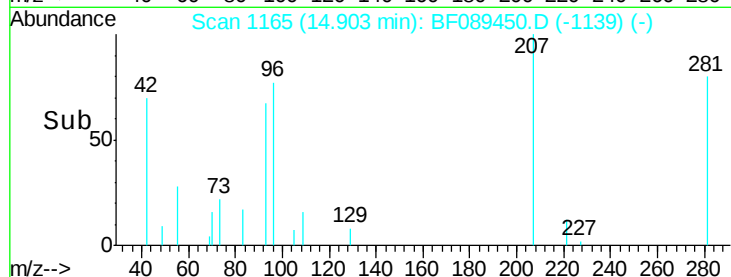
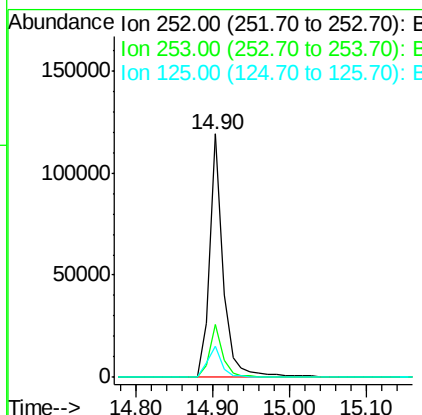
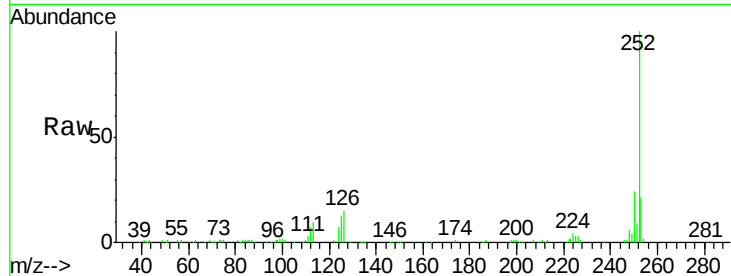
#89  
Benzo(a)pyrene  
Concen: 31.74 ng  
RT: 14.90 min Scan# 1165  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44-7.0-8.0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.4  | 26.2  |
| 125     | 12.6  | 12.4  | 18.6  |

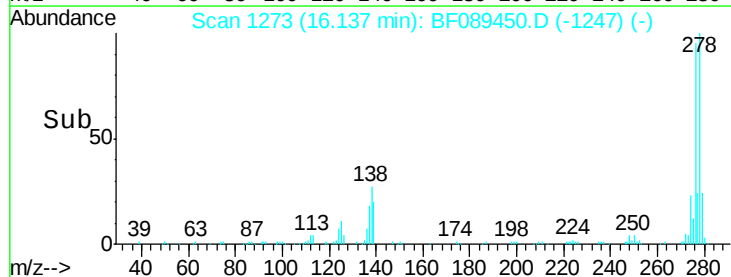
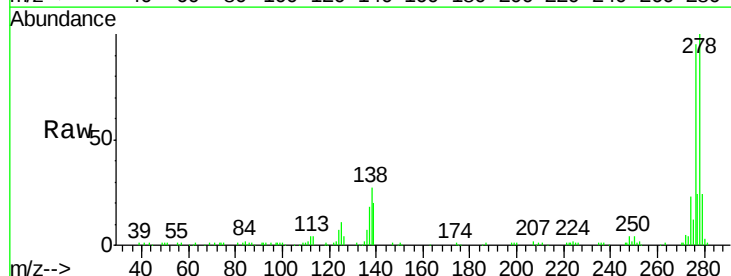
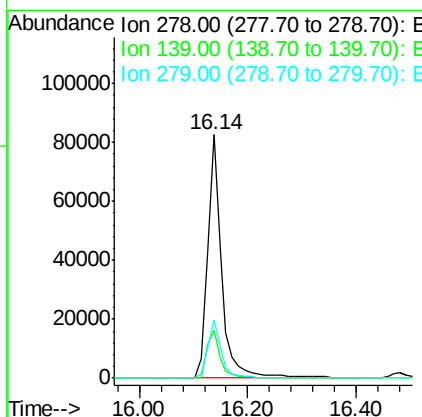
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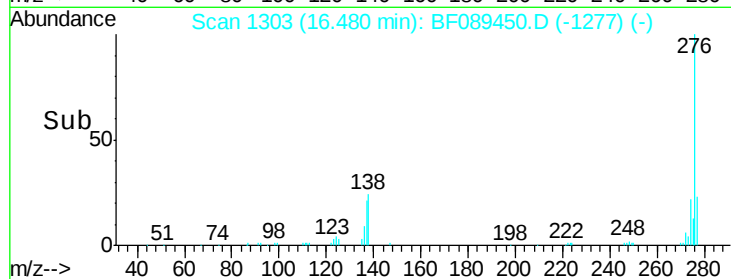
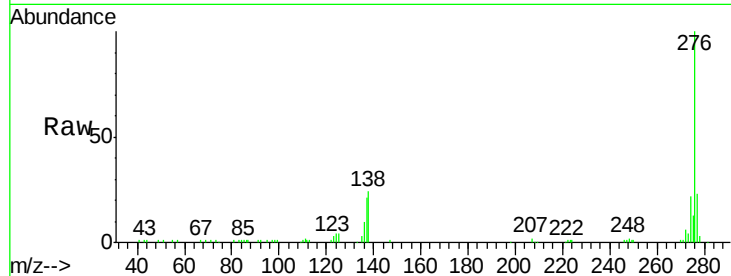
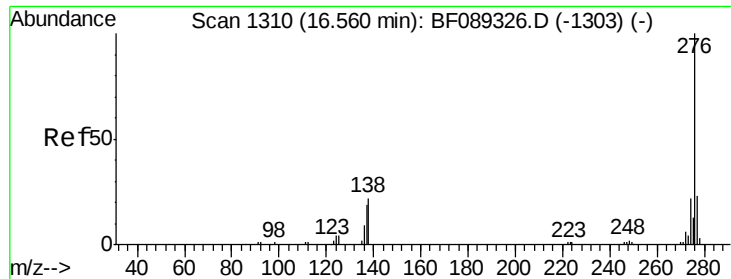
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.13 ng  
RT: 16.14 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: BF089450.D  
Acq: 30 Jul 2016 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.8  | 16.3  | 24.5  |
| 279     | 23.9  | 19.1  | 28.7  |





#91

Benzo(a,h,i)perylene

Concen: 43.99 ng

RT: 16.48 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA\_F

ClientSampleId :

SB-44-7.0-8.0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 154980 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.9  | 18.6  | 28.0   |
| 138       | 24.4  | 21.4  | 32.0   |

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