

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\  
 Data File : BF090498.D  
 Acq On : 11 Oct 2016 12:47  
 Operator : UM/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

sohil  
 10/12/2016 4:08:13 PM

Quant Time: Oct 11 13:22:25 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 11 13:13:45 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.95  | 152  | 213558   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 862634   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.01 | 164  | 432338   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.49 | 188  | 727694   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 14.13 | 240  | 671965   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.61 | 264  | 548719   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 1318563 | 92.15  | ng | 0.00 |
| 7) Phenol-d6             | 6.59  | 99  | 1589916 | 84.84  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 1541392 | 86.92  | ng | 0.01 |
| 41) 2,4,6-Tribromophenol | 10.79 | 330 | 490673  | 139.57 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.32  | 172 | 2281773 | 87.93  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.08 | 244 | 2812480 | 94.10  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.61 | 88  | 322238  | 45.68 | ng | # 83   |
| 3) Pyridine                    | 3.37 | 79  | 927000  | 47.13 | ng | # 76   |
| 4) n-Nitrosodimethylamine      | 3.32 | 42  | 290316  | 35.77 | ng | # 43   |
| 6) Aniline                     | 6.61 | 93  | 1038311 | 40.11 | ng | 99     |
| 8) 2-Chlorophenol              | 6.74 | 128 | 656783  | 41.71 | ng | 99     |
| 9) Benzaldehyde                | 6.50 | 77  | 502006  | 52.99 | ng | 97     |
| 10) Phenol                     | 6.60 | 94  | 927311  | 42.56 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.69 | 93  | 726827  | 43.57 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 781138  | 49.76 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146 | 739615m | 46.39 | ng |        |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146 | 702551  | 45.74 | ng | 99     |
| 15) Benzyl Alcohol             | 7.09 | 79  | 610753  | 42.87 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 974348  | 34.44 | ng | 88     |
| 17) 2-Methylphenol             | 7.21 | 107 | 550587  | 42.51 | ng | 99     |
| 18) Hexachloroethane           | 7.47 | 117 | 279763  | 44.51 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 501847  | 36.52 | ng | # 82   |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 710185  | 42.37 | ng | # 76   |
| 22) Acetophenone               | 7.37 | 105 | 867002  | 42.43 | ng | # 95   |
| 24) Nitrobenzene               | 7.54 | 77  | 737221  | 41.87 | ng | 97     |
| 25) Isophorone                 | 7.78 | 82  | 1298090 | 40.04 | ng | 99     |
| 26) 2-Nitrophenol              | 7.86 | 139 | 409303  | 54.01 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.89 | 122 | 589167  | 39.98 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93  | 818344  | 42.68 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 515870  | 46.04 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 8.19 | 180 | 600130  | 51.97 | ng | # 93   |
| 31) Naphthalene                | 8.27 | 128 | 2005179 | 48.18 | ng | 98     |
| 32) Benzoic acid               | 8.03 | 122 | 536961  | 52.41 | ng | 99     |
| 33) 4-Chloroaniline            | 8.31 | 127 | 876351  | 50.94 | ng | # 89   |
| 34) Hexachlorobutadiene        | 8.38 | 225 | 332327  | 51.51 | ng | 99     |
| 35) Caprolactam                | 8.69 | 113 | 184332  | 48.93 | ng | # 58   |
| 36) 4-Chloro-3-methylphenol    | 8.79 | 107 | 632921  | 45.12 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.95 | 142 | 1190163 | 47.24 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 634161  | 55.64 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.11 | 237 | 311856  | 49.91 | ng | 98     |

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Instrument :  
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Manual Integrations  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 11 13:13:45 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.23  | 196  | 379639   | 48.27 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.27  | 196  | 425563   | 57.22 | nq    | # 92     |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 1664972  | 51.97 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 1172864  | 49.55 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.54  | 65   | 414949   | 44.43 | nq    | 97       |
| 48) Acenaphthylene             | 9.87  | 152  | 1891106  | 48.42 | nq    | 98       |
| 49) Dimethylphthalate          | 9.72  | 163  | 1252600  | 45.24 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.78  | 165  | 299891   | 48.78 | nq    | 96       |
| 51) Acenaphthene               | 10.04 | 154  | 1295725  | 53.21 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.95  | 138  | 334470   | 46.58 | nq    | 94       |
| 53) 2,4-Dinitrophenol          | 10.05 | 184  | 176440   | 64.38 | nq    | # 86     |
| 54) Dibenzofuran               | 10.21 | 168  | 1690544  | 53.63 | nq    | 97       |
| 55) 4-Nitrophenol              | 10.11 | 139  | 327369   | 52.10 | nq    | 88       |
| 56) 2,4-Dinitrotoluene         | 10.19 | 165  | 455234   | 55.64 | nq    | 91       |
| 57) Fluorene                   | 10.55 | 166  | 1392457  | 52.57 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 359646   | 64.75 | nq    | 95       |
| 59) Diethylphthalate           | 10.42 | 149  | 1400094  | 48.87 | nq    | # 91     |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 693229   | 57.56 | nq    | 91       |
| 61) 4-Nitroaniline             | 10.57 | 138  | 376392   | 52.02 | nq    | 94       |
| 62) Azobenzene                 | 10.70 | 77   | 1580499  | 47.76 | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 250163   | 56.65 | nq    | # 32     |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 1071013  | 43.92 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.03 | 248  | 438555   | 61.48 | nq    | # 90     |
| 67) Hexachlorobenzene          | 11.10 | 284  | 470810   | 59.27 | nq    | # 88     |
| 68) Atrazine                   | 11.18 | 200  | 325904   | 54.20 | nq    | 98       |
| 69) Pentachlorophenol          | 11.29 | 266  | 249422   | 52.75 | nq    | 99       |
| 70) Phenanthrene               | 11.51 | 178  | 1994163  | 53.52 | nq    | 99       |
| 71) Anthracene                 | 11.56 | 178  | 1833246  | 48.18 | nq    | 98       |
| 72) Carbazole                  | 11.72 | 167  | 1962007  | 55.50 | nq    | 98       |
| 73) Di-n-butylphthalate        | 12.05 | 149  | 2330094  | 54.16 | nq    | # 98     |
| 74) Fluoranthene               | 12.70 | 202  | 2024843  | 55.40 | nq    | 96       |
| 76) Benzidine                  | 12.82 | 184  | 916305   | 51.86 | nq    | 97       |
| 77) Pyrene                     | 12.93 | 202  | 1977840  | 44.14 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.55 | 149  | 916924   | 39.88 | nq    | # 84     |
| 80) Benzo(a)anthracene         | 14.12 | 228  | 1905938  | 50.55 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.09 | 252  | 771383   | 56.43 | nq    | # 98     |
| 82) Chrysene                   | 14.17 | 228  | 1859644  | 53.59 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.11 | 149  | 1349476  | 41.30 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.73 | 149  | 2164726  | 44.68 | nq    | # 87     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.09 | 276  | 1567445  | 63.36 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 15.18 | 252  | 1884206  | 53.91 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.21 | 252  | 1522146m | 46.36 | nq    |          |
| 89) Benzo(a)pyrene             | 15.55 | 252  | 1585580  | 52.63 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.12 | 278  | 1373545  | 53.59 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.54 | 276  | 1256209  | 51.07 | nq    | 96       |

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

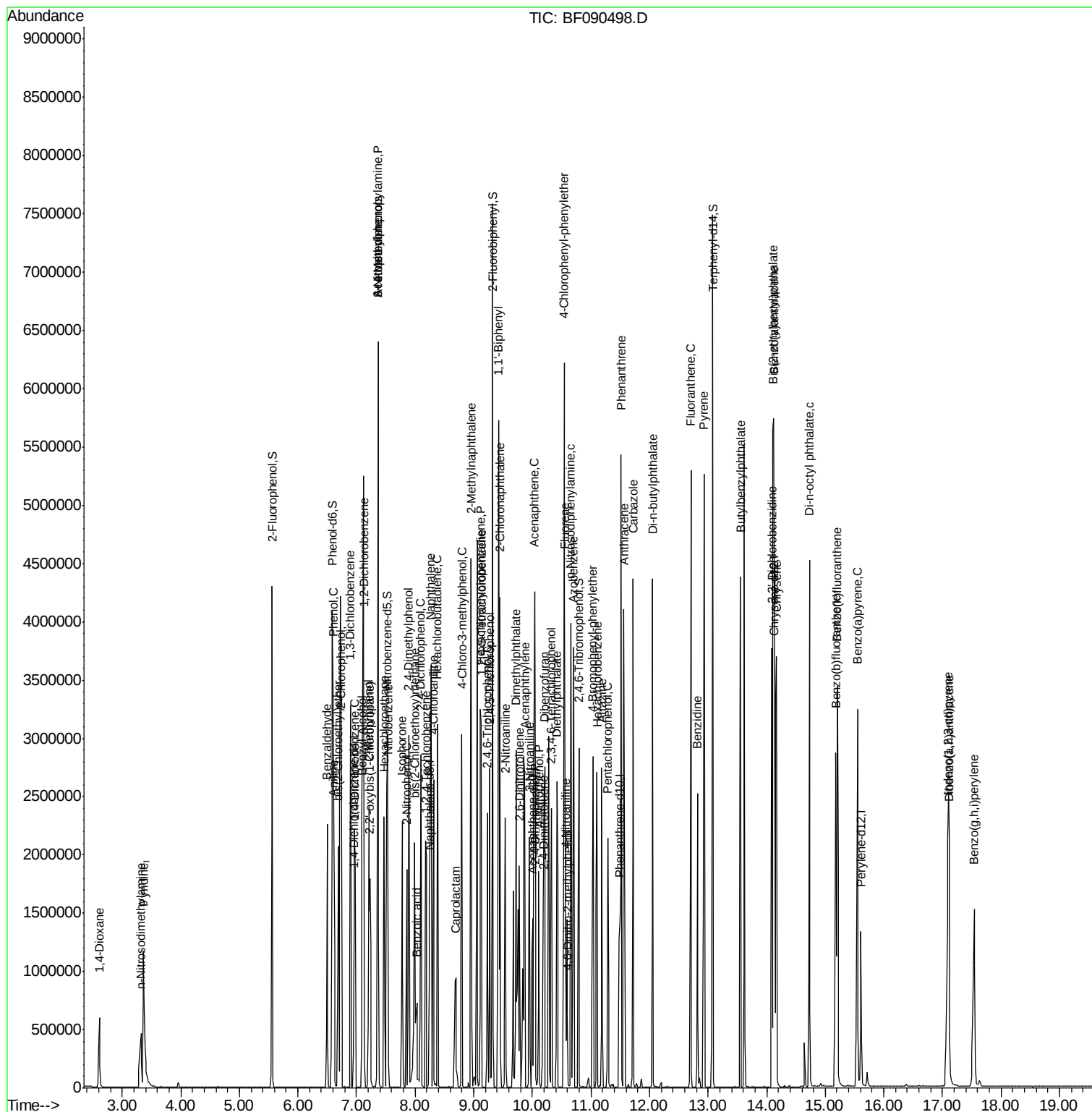
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\  
Data File : BF090498.D  
Acq On    : 11 Oct 2016 12:47  
Operator  : UM/SJ  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 7 Sample Multiplier: 1
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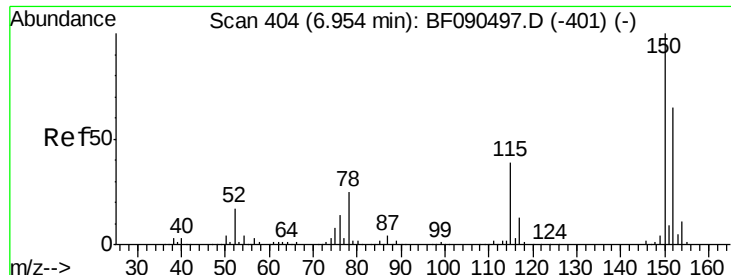
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC050

## Manual Integrations APPROVED

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Quant Time: Oct 11 13:22:25 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 11 13:13:45 2016  
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#1

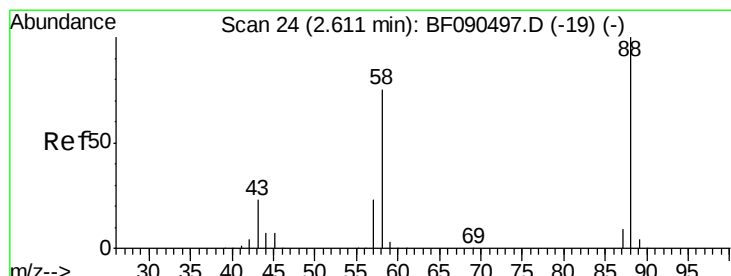
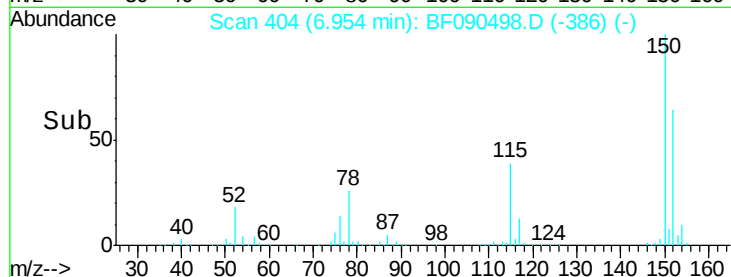
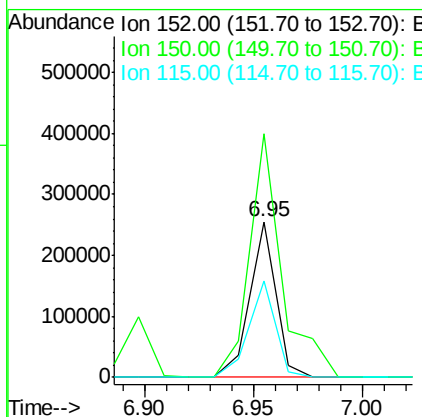
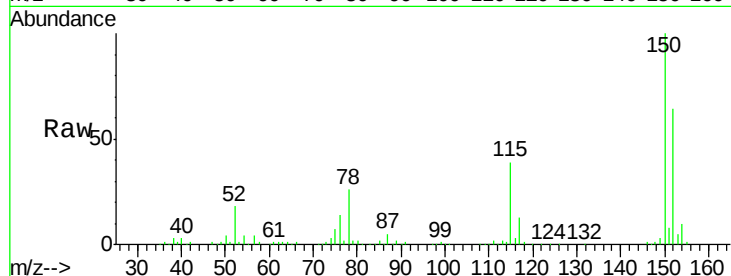
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.95 min Scan# 404  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.5 | 124.6 | 186.8 |
| 115     | 61.6  | 46.2  | 69.4  |

Manual Integrations  
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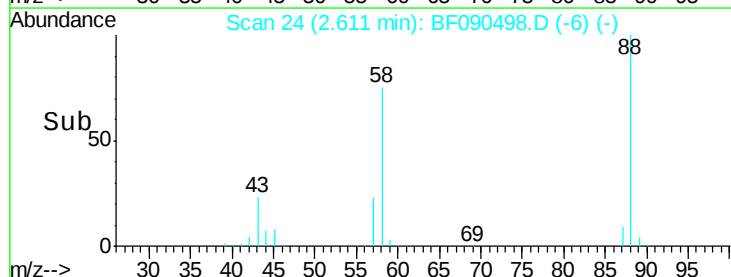
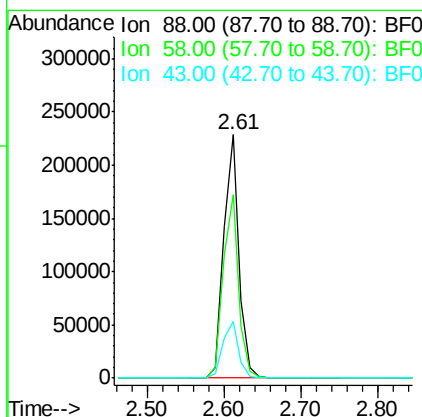
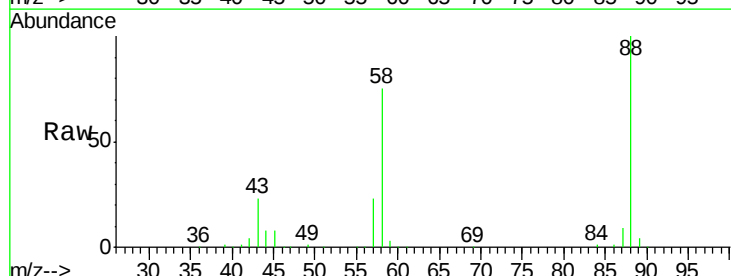
sohil  
10/12/2016 4:08:13 PM

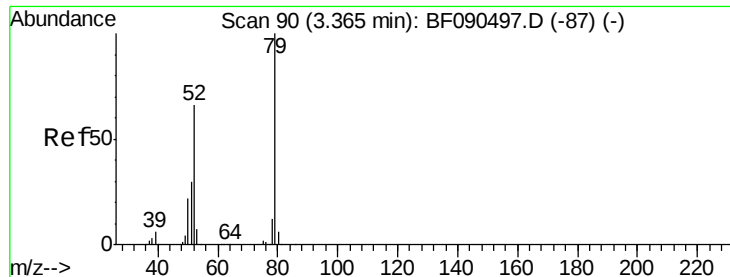


#2

1,4-Dioxane  
Concen: 45.68 ng  
RT: 2.61 min Scan# 24  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.8  | 71.2  | 106.8 |
| 43      | 23.7  | 29.8  | 44.6# |





#3

Pvridine

Concen: 47.13 ng

RT: 3.37 min Scan# 90

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

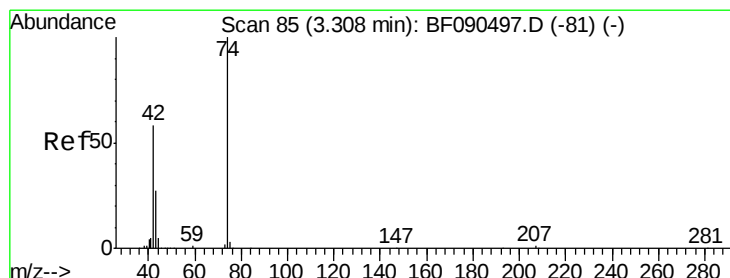
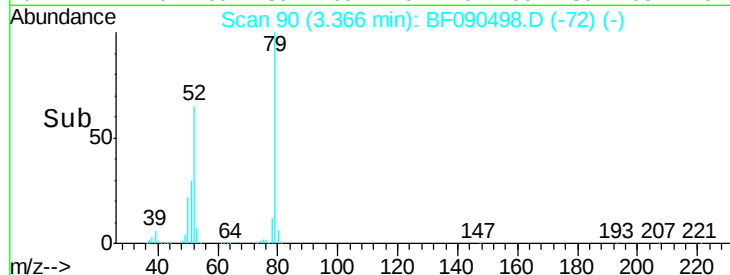
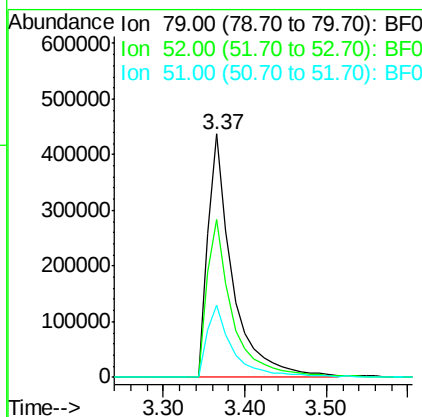
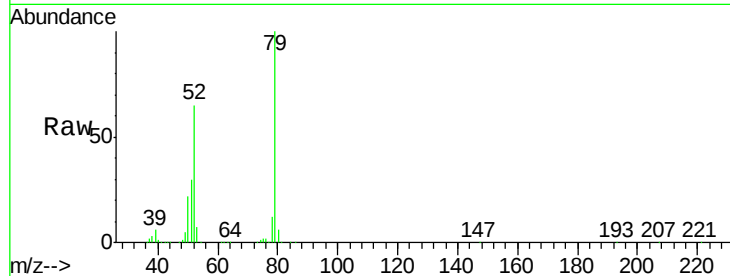
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 927000 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 65.0  | 71.3  | 106.9# |
| 51        | 29.8  | 34.5  | 51.7#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 35.77 ng

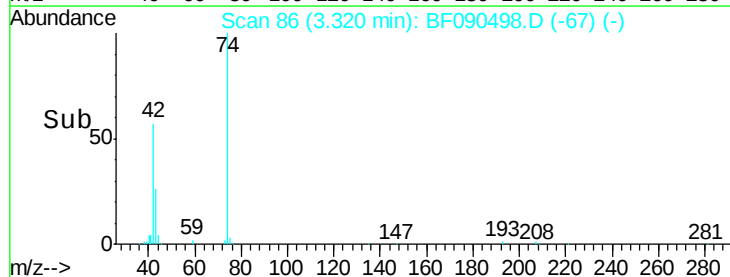
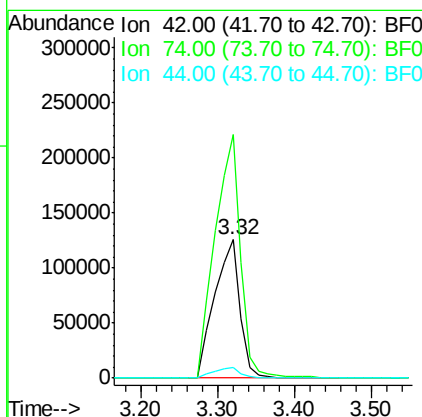
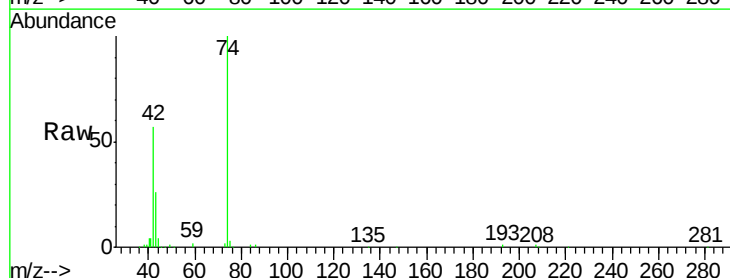
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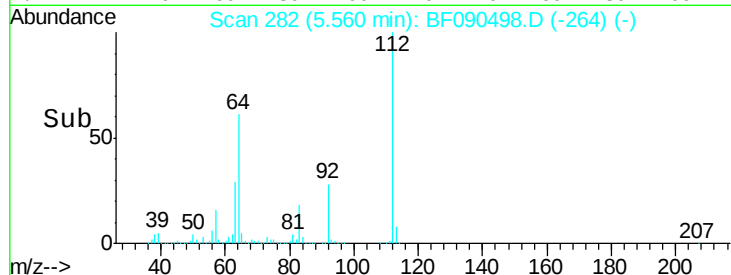
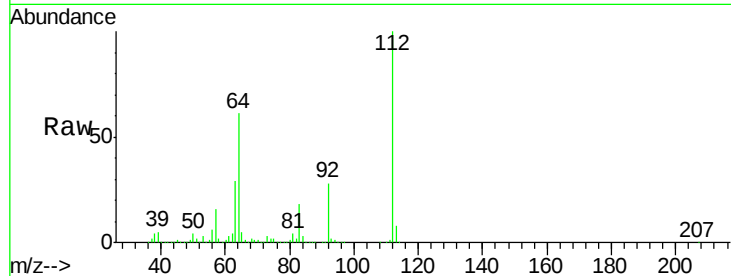
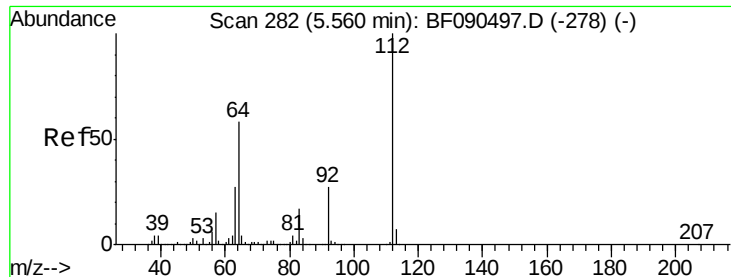
Delta R.T. 0.01 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 290316 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 176.0 | 88.9  | 133.3# |
| 44        | 7.8   | 6.5   | 9.7    |





#5

2-Fluorophenol

Concen: 92.15 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:112 Resp: 1318563

Ion Ratio Lower Upper

112 100

64 60.8 57.9 86.9

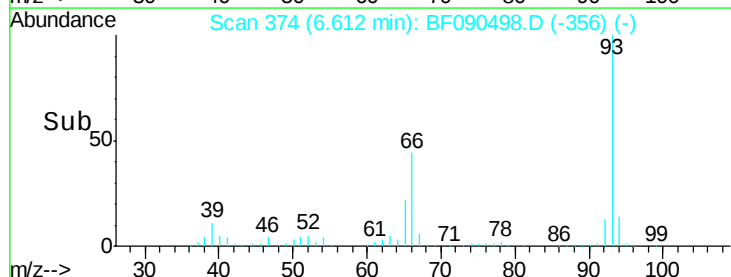
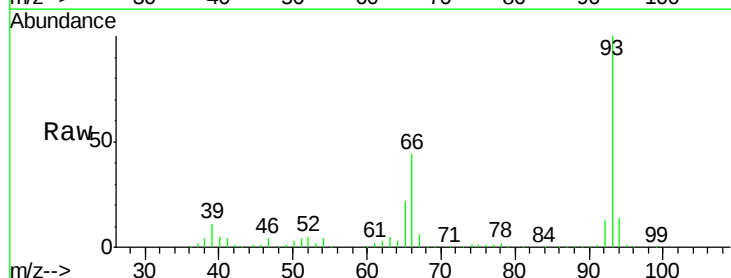
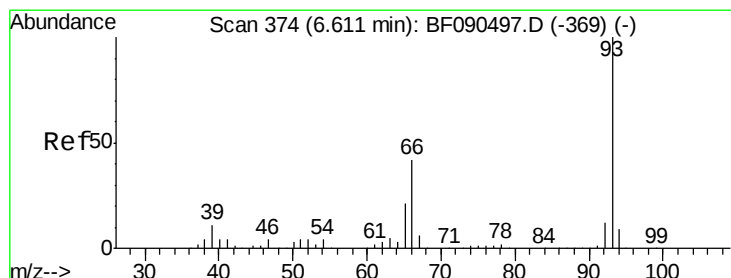
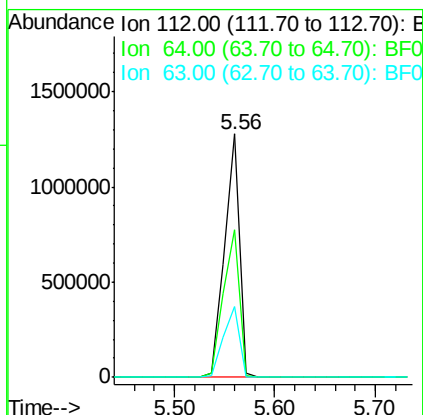
63 29.3 29.6 44.4#

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#6

Aniline

Concen: 40.11 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

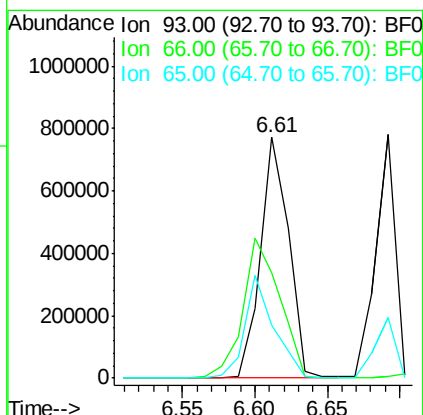
Tgt Ion: 93 Resp: 1038311

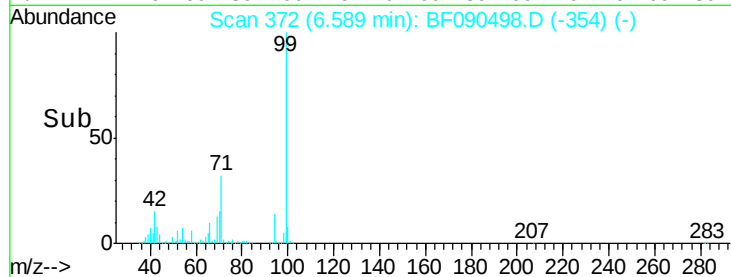
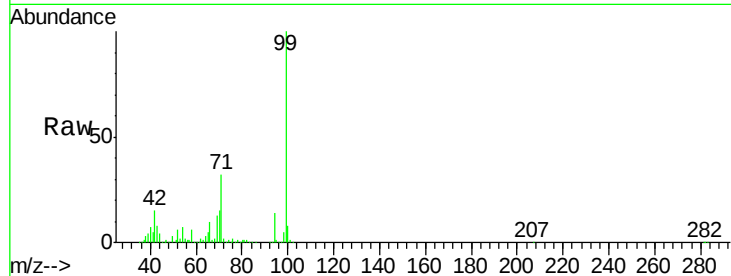
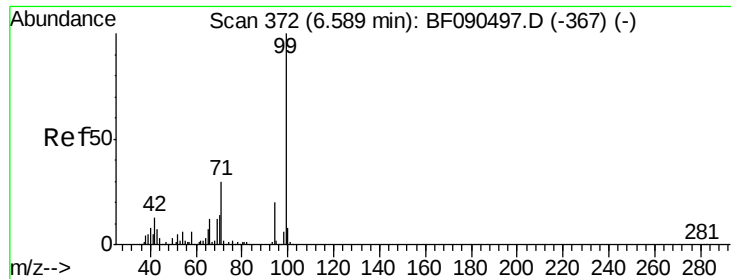
Ion Ratio Lower Upper

93 100

66 43.9 34.5 51.7

65 22.2 18.2 27.2





#7

Phenol-d6

Concen: 84.84 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1589916 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 14.9  | 20.0  | 30.0#   |
| 71       | 31.6  | 27.9  | 41.9    |

Instrument :

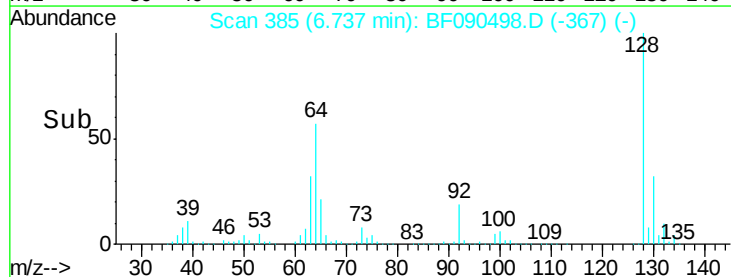
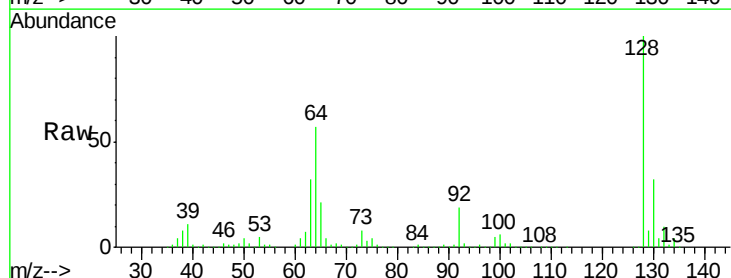
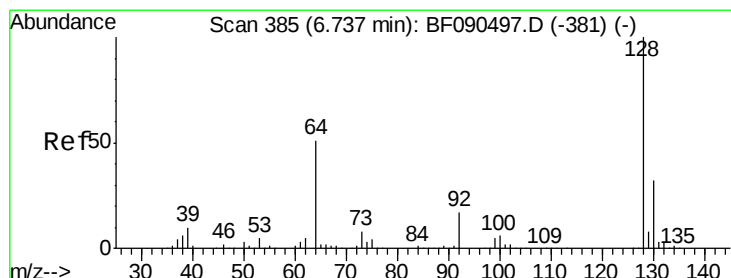
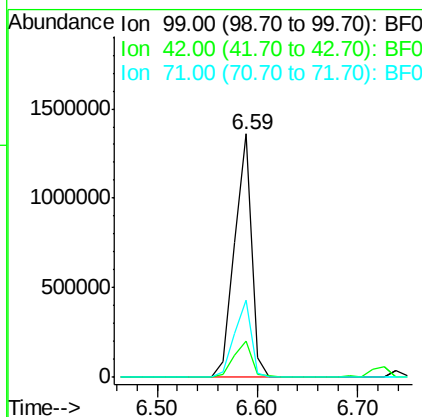
BNA\_F

ClientSampleId :

SSTDIC050

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.71 ng

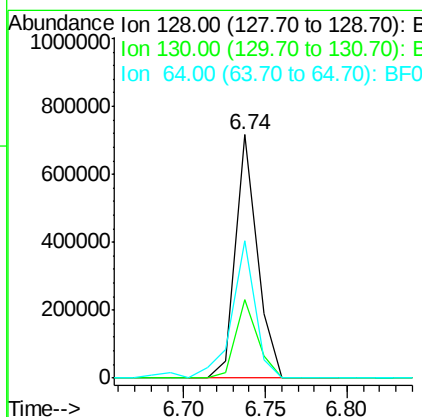
RT: 6.74 min Scan# 385

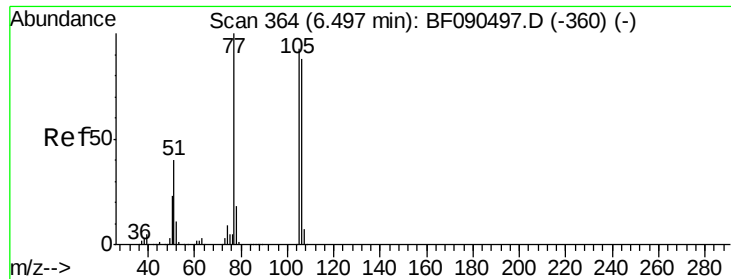
Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 656783 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.2  | 13.3  | 53.3   |
| 64       | 56.6  | 36.0  | 76.0   |





#9

Benzaldehyde

Concen: 52.99 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

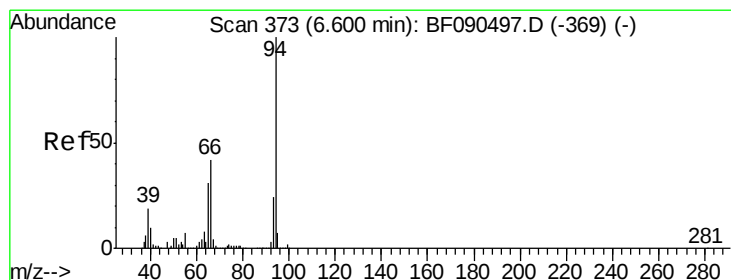
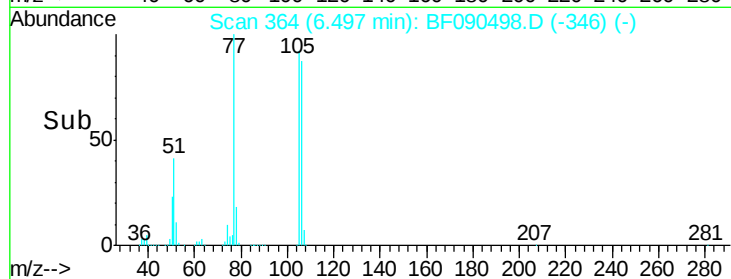
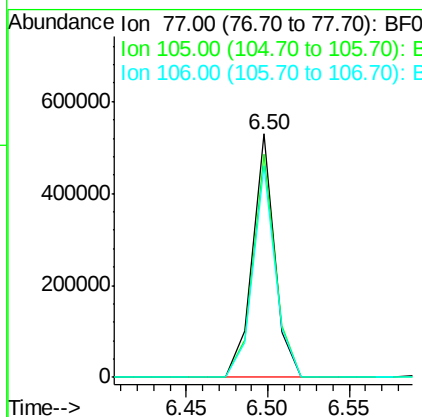
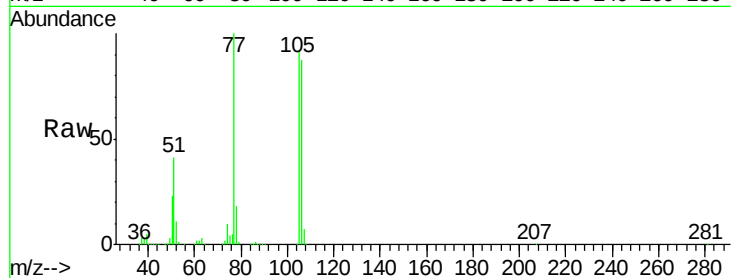
ClientSampleId :

SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 91.8  | 73.1  | 113.1 |
| 106     | 86.7  | 70.2  | 110.2 |

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#10

Phenol

Concen: 42.56 ng

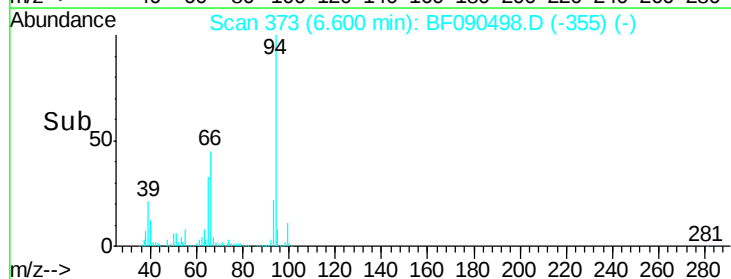
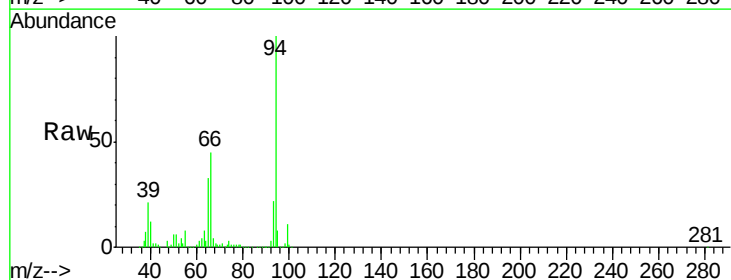
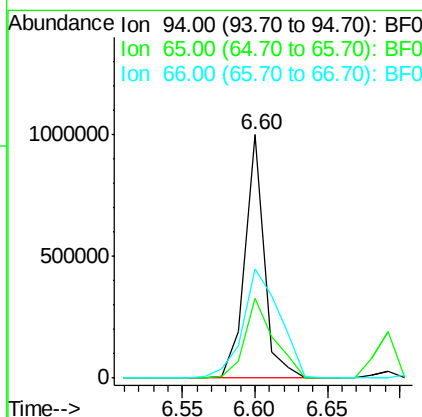
RT: 6.60 min Scan# 373

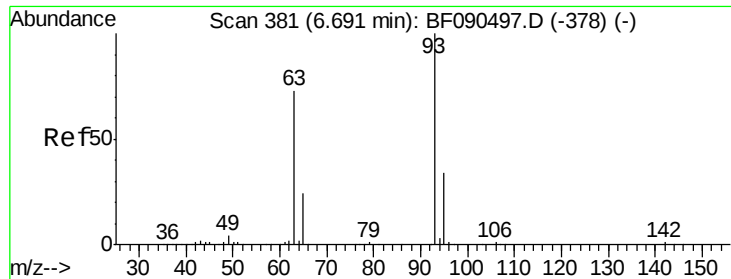
Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 32.8  | 13.3  | 53.3  |
| 66      | 44.9  | 20.4  | 60.4  |





#11

bis(2-Chloroethyl)ether

Concen: 43.57 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

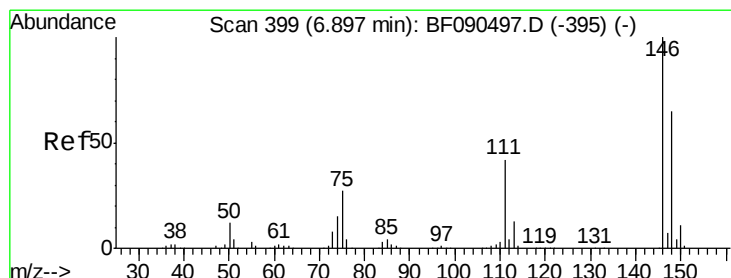
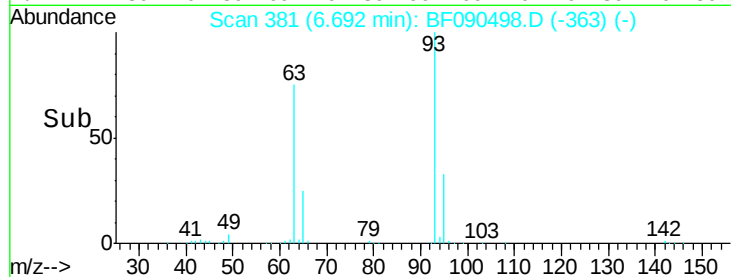
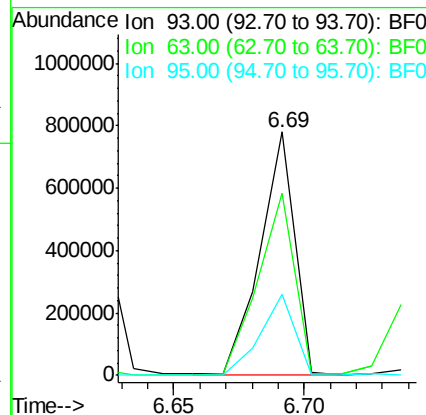
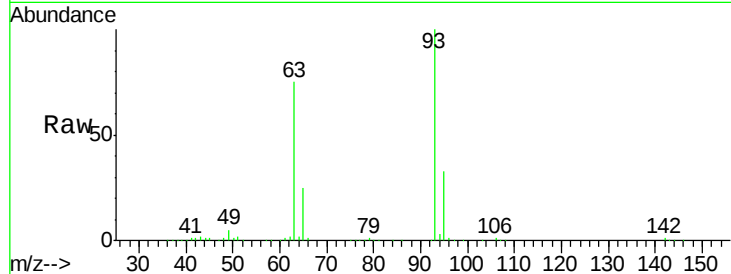
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 726827 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 75.1  | 59.7  | 99.7   |
| 95        | 33.4  | 14.0  | 54.0   |

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#12

1,3-Dichlorobenzene

Concen: 49.76 ng

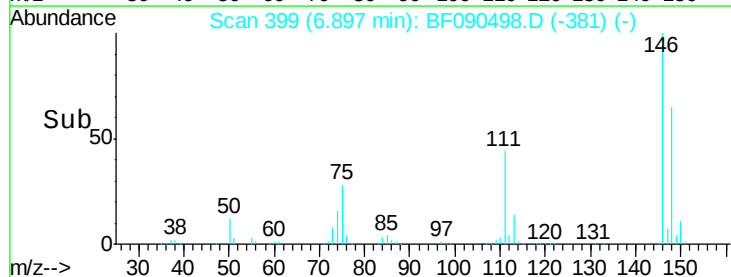
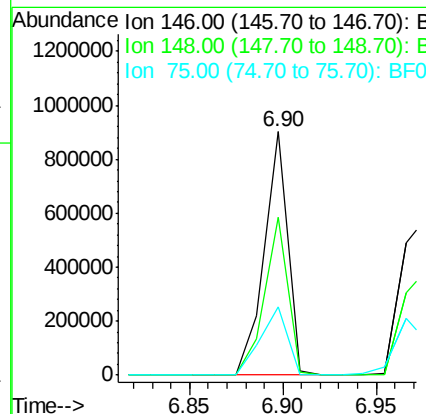
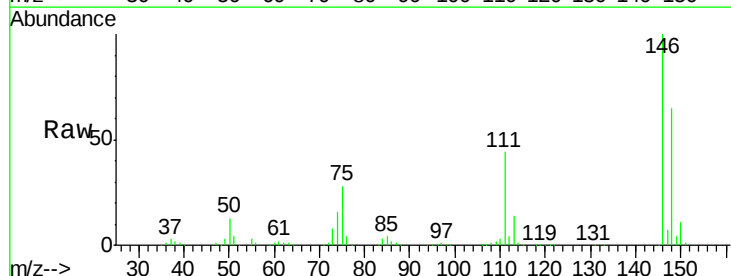
RT: 6.90 min Scan# 399

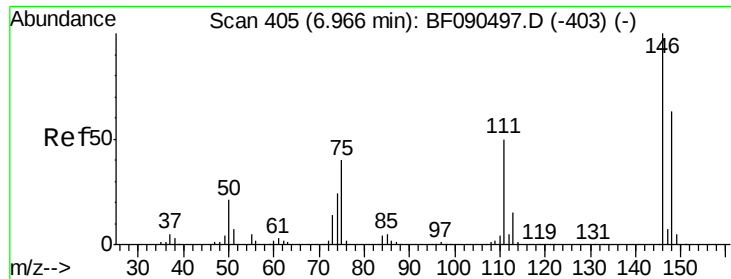
Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 781138 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.9  | 52.2  | 78.4   |
| 75        | 28.2  | 21.4  | 32.2   |





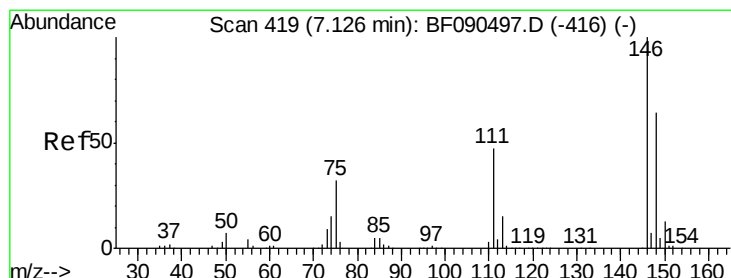
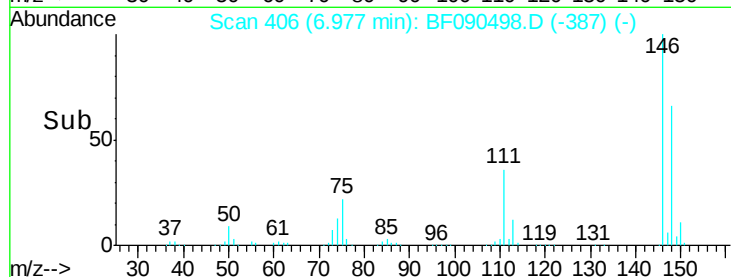
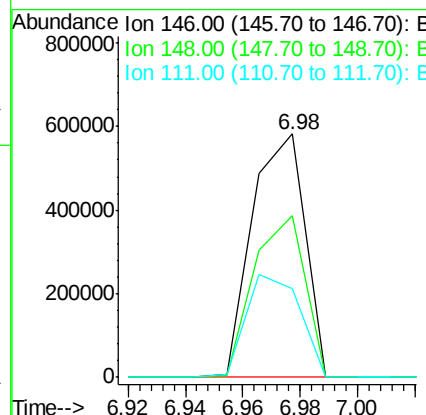
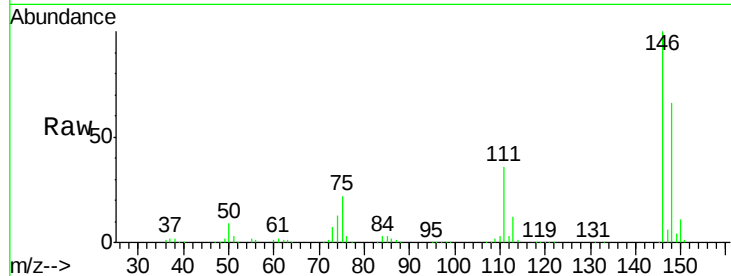
#13  
 1,4-Dichlorobenzene  
 Concen: 46.39 ng/mL  
 RT: 6.98 min Scan# 406  
 Delta R.T. 0.01 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.3  | 51.1  | 76.7  |
| 111     | 36.4  | 37.8  | 56.6  |

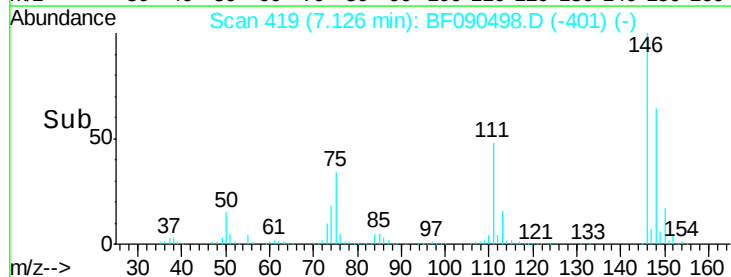
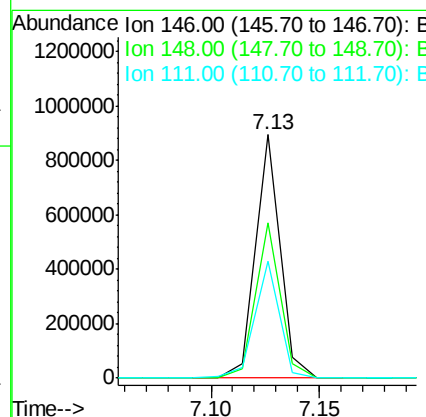
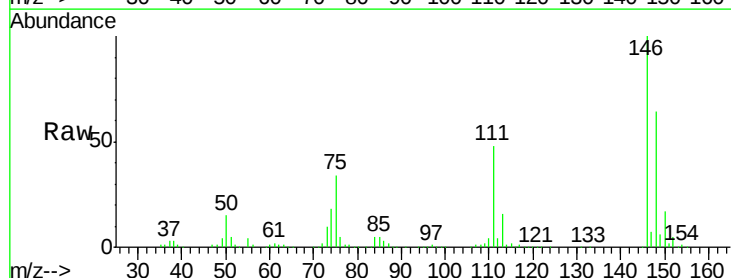
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#14  
 1,2-Dichlorobenzene  
 Concen: 45.74 ng/mL  
 RT: 7.13 min Scan# 419  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 52.3  | 78.5  |
| 111     | 48.2  | 38.2  | 57.4  |





#15

Benzyl Alcohol

Concen: 42.87 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

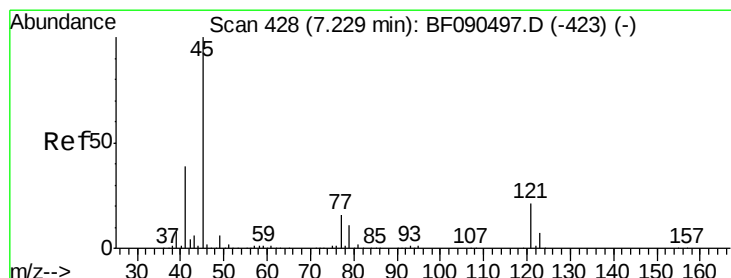
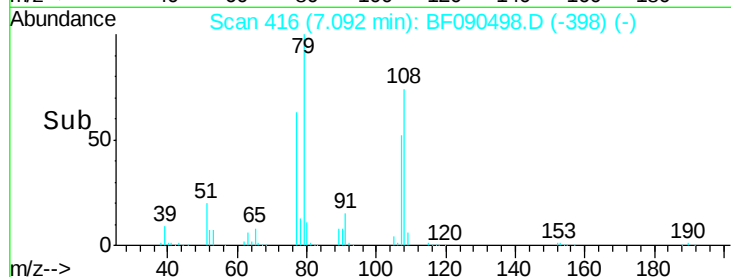
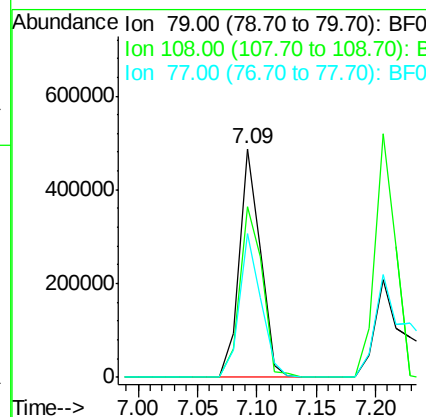
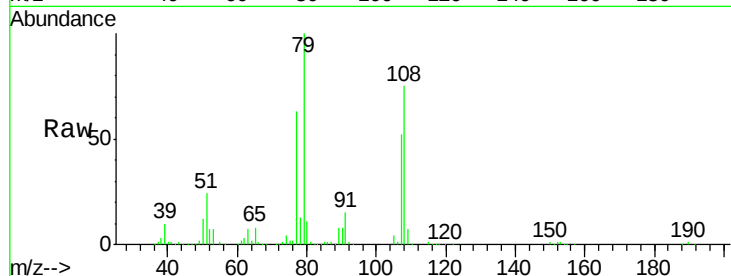
ClientSampleId :

SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 74.6  | 60.9  | 91.3  |
| 77      | 62.8  | 51.5  | 77.3  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.44 ng

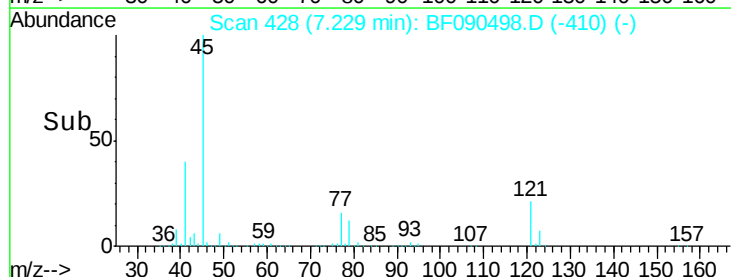
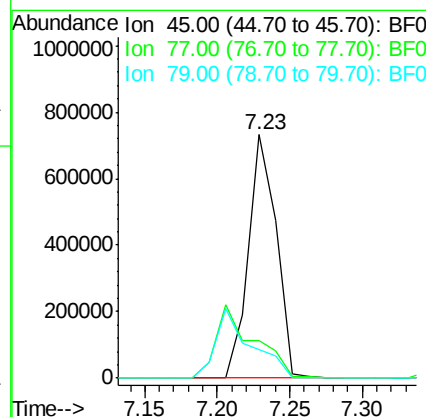
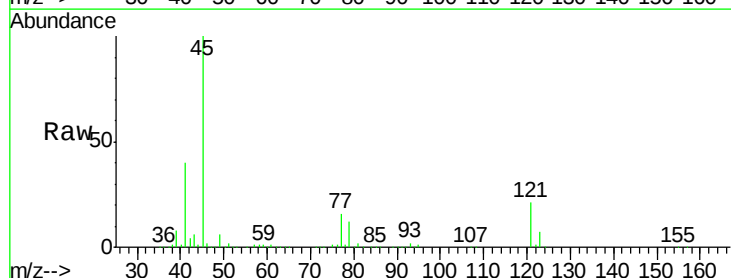
RT: 7.23 min Scan# 428

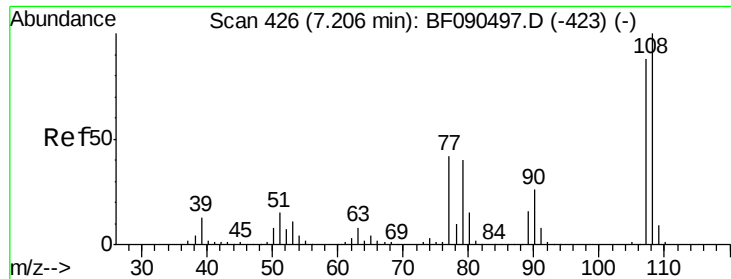
Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 15.7  | 0.0   | 30.8  |
| 79      | 11.8  | 0.0   | 28.2  |





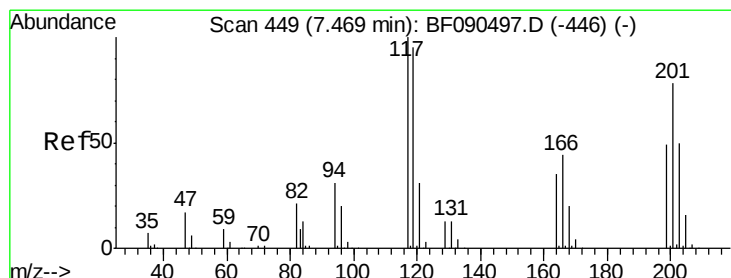
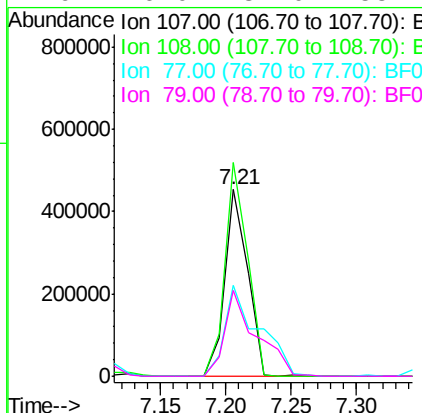
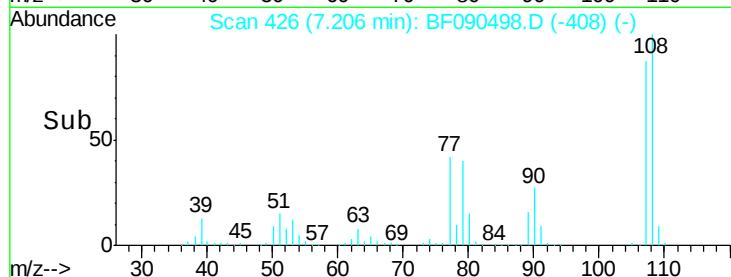
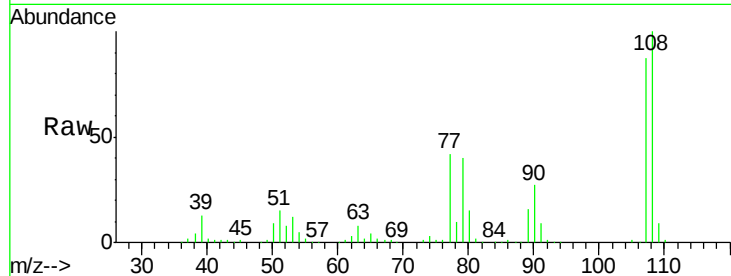
#17  
2-Methylphenol  
Concen: 42.51 ng  
RT: 7.21 min Scan# 426  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 550587 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 114.4 | 90.9  | 136.3  |
| 77        | 48.4  | 38.2  | 57.4   |
| 79        | 46.0  | 37.0  | 55.4   |

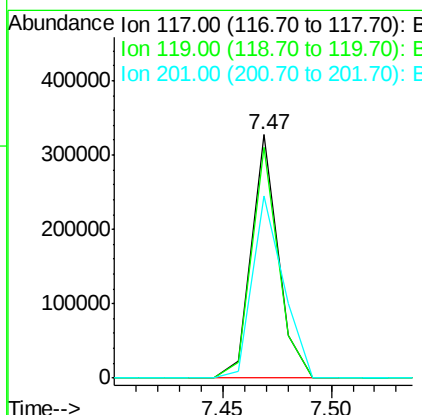
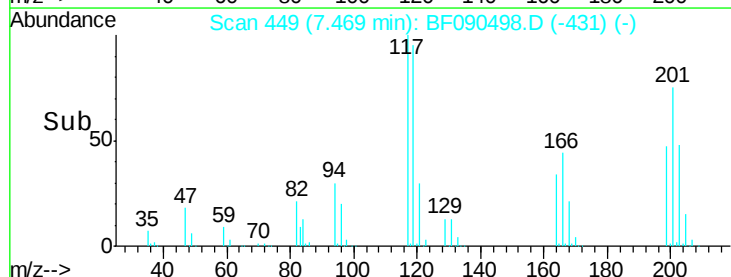
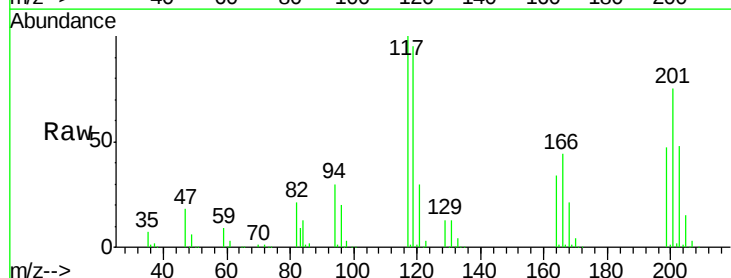
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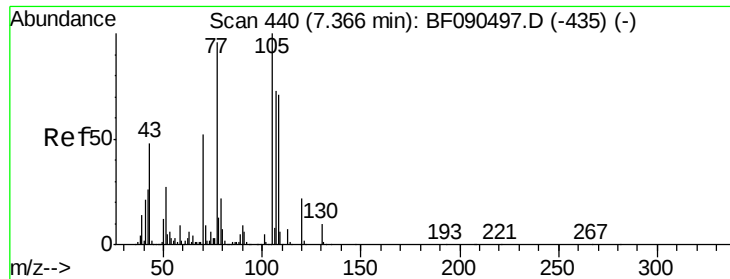
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#18  
Hexachloroethane  
Concen: 44.51 ng  
RT: 7.47 min Scan# 449  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 279763 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.7  | 75.9  | 113.9  |
| 201       | 75.0  | 66.5  | 99.7   |





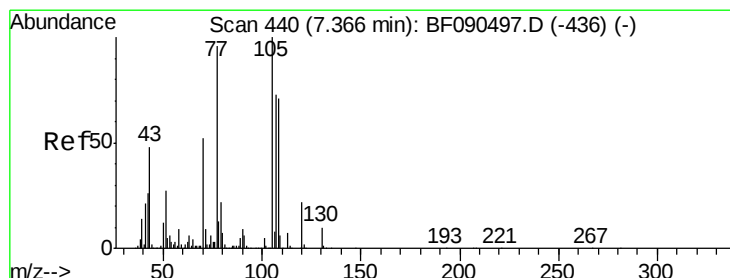
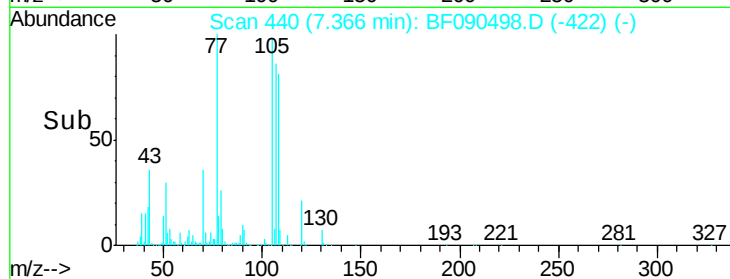
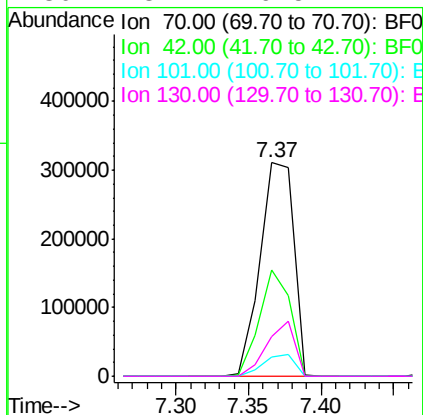
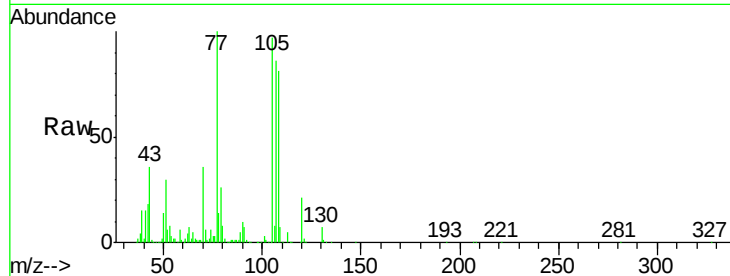
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.52 ng  
RT: 7.37 min Scan# 440  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 50.0  | 55.4  | 83.2# |
| 101     | 9.0   | 7.6   | 11.4  |
| 130     | 18.4  | 16.5  | 24.7  |

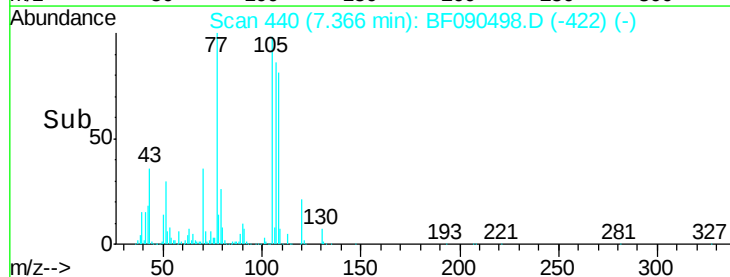
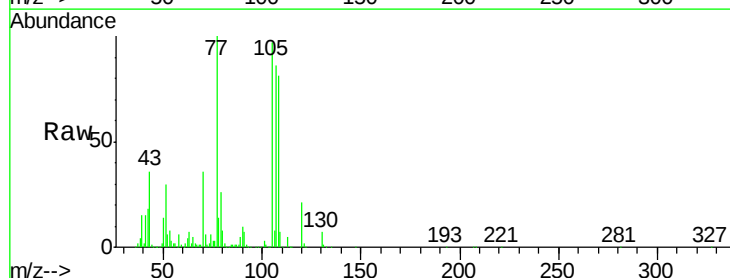
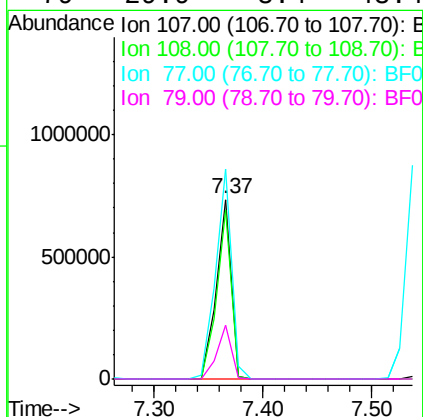
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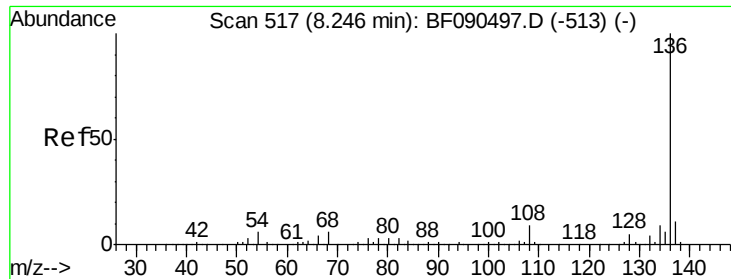
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#20  
3+4-Methylphenols  
Concen: 42.37 ng  
RT: 7.37 min Scan# 440  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 94.0  | 66.7  | 106.7 |
| 77      | 116.7 | 53.7  | 93.7# |
| 79      | 29.9  | 8.4   | 48.4  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

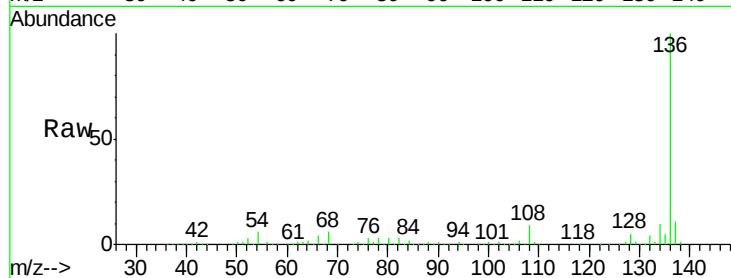
ClientSampleId :

SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.7  | 9.0   | 13.6  |
| 54      | 6.4   | 6.6   | 10.0# |
| 68      | 6.1   | 5.0   | 7.6   |

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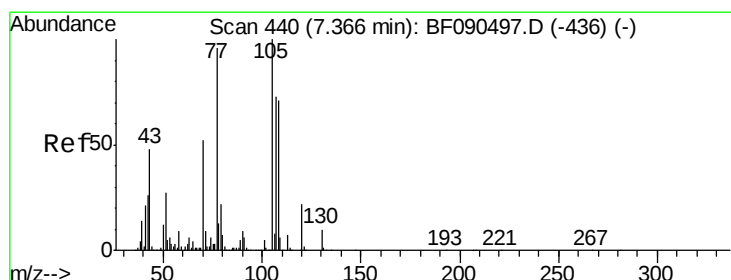
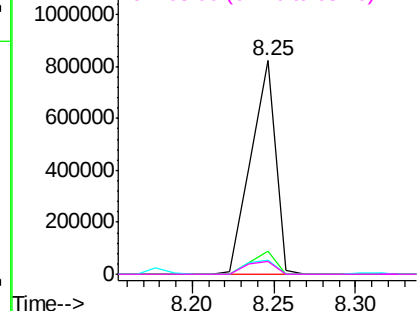
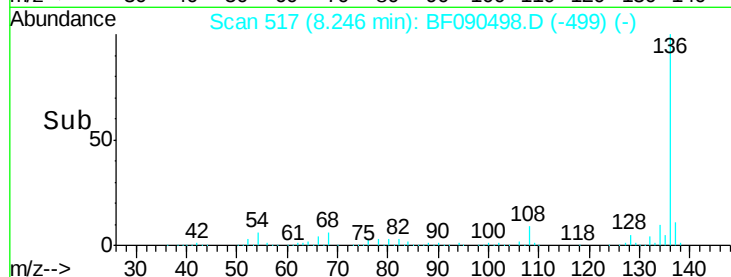


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.43 ng

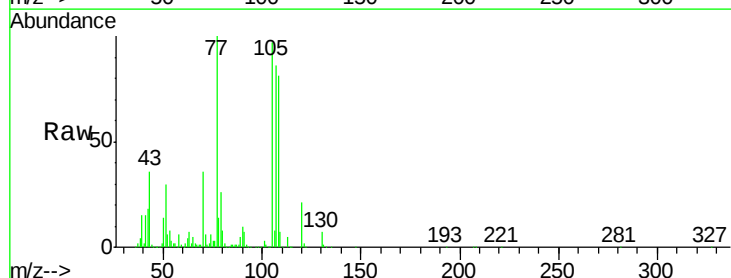
RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 6.4   | 3.8   | 5.6#  |
| 51      | 30.5  | 28.2  | 42.4  |
| 120     | 21.8  | 17.4  | 26.2  |

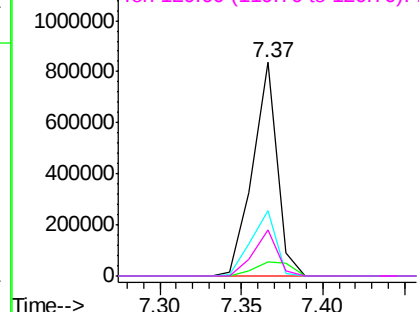
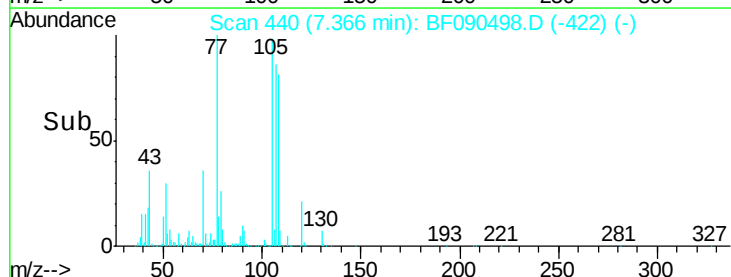


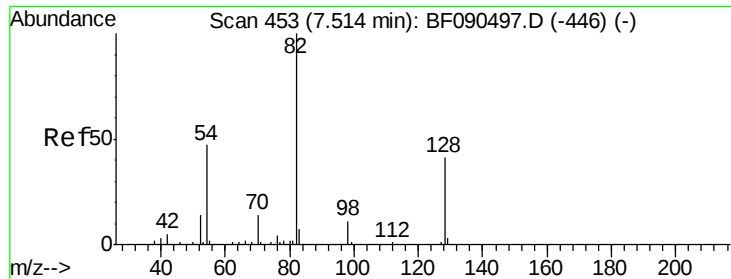
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





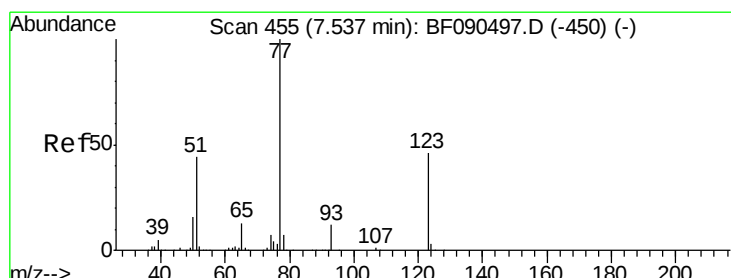
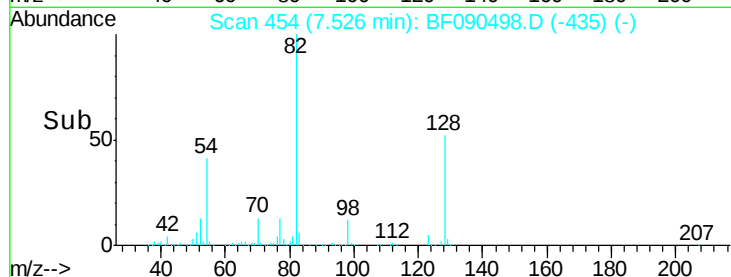
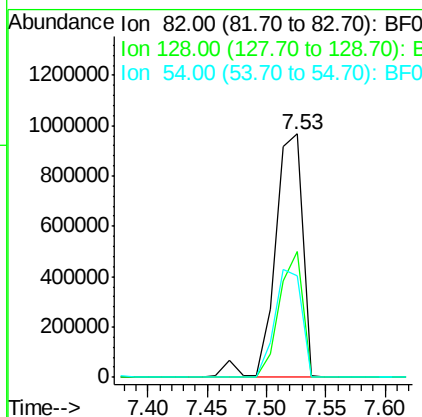
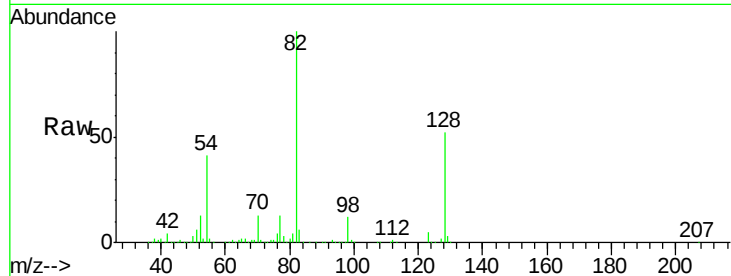
#23  
Nitrobenzene-d5  
Concen: 86.92 ng  
RT: 7.53 min Scan# 454  
Delta R.T. 0.01 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 51.5  | 40.0  | 60.0  |
| 54      | 41.4  | 42.6  | 64.0# |

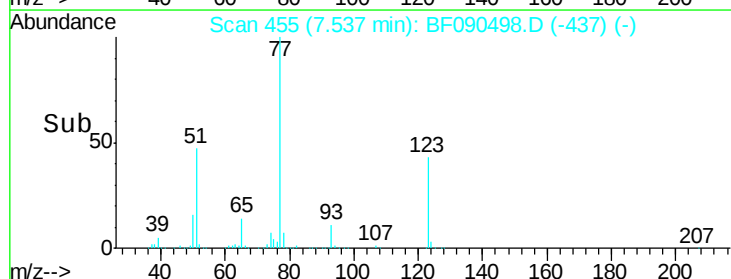
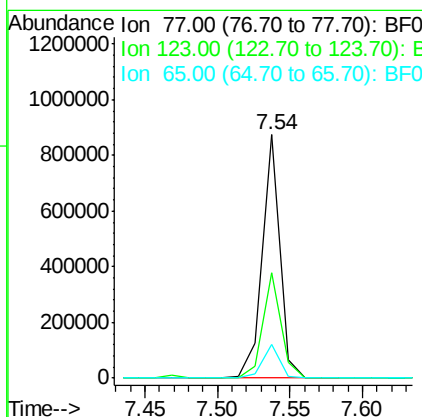
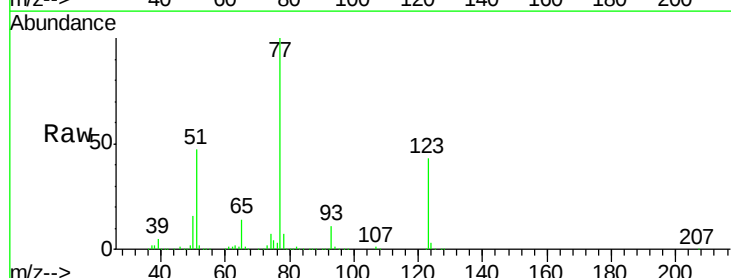
Manual Integrations  
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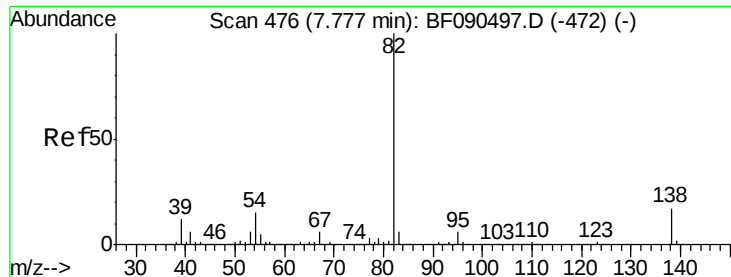
sohil  
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#24  
Nitrobenzene  
Concen: 41.87 ng  
RT: 7.54 min Scan# 455  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.0  | 33.0  | 49.4  |
| 65      | 13.8  | 12.0  | 18.0  |





#25

Isophorone

Concen: 40.04 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1298090

Ion Ratio Lower Upper

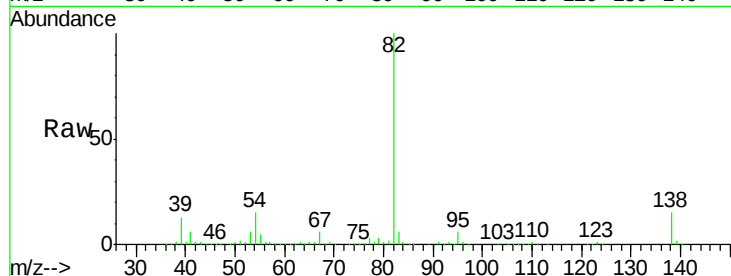
82 100

95 6.3 5.2 7.8

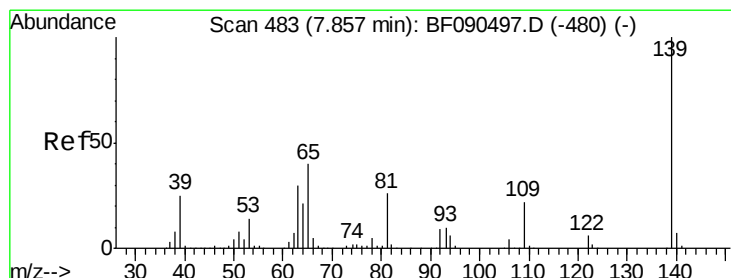
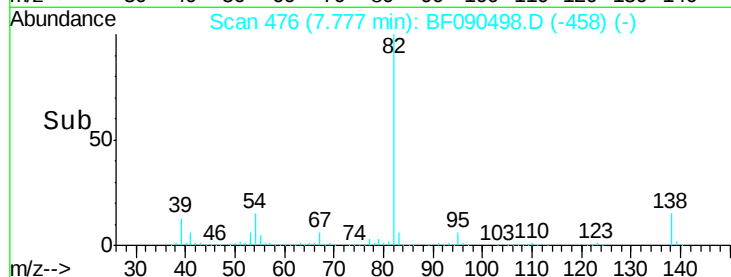
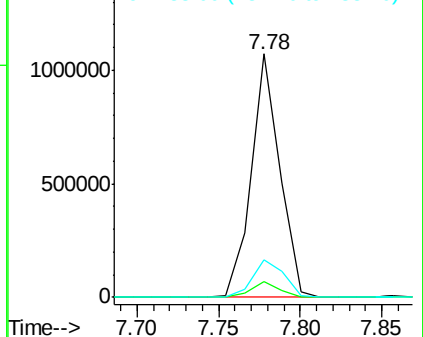
138 15.4 13.0 19.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 54.01 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

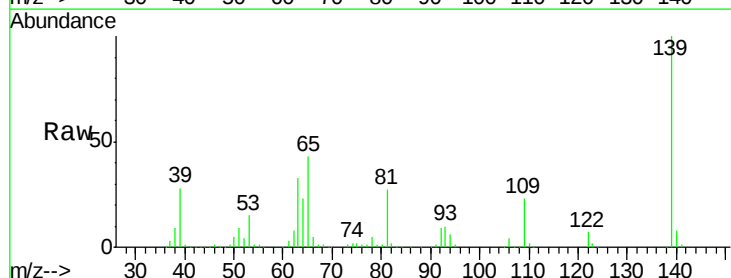
Tgt Ion: 139 Resp: 409303

Ion Ratio Lower Upper

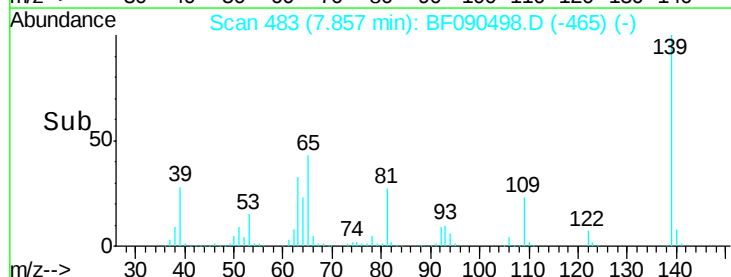
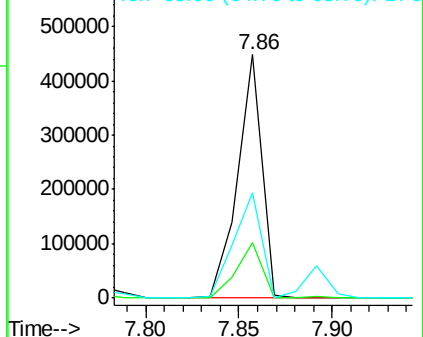
139 100

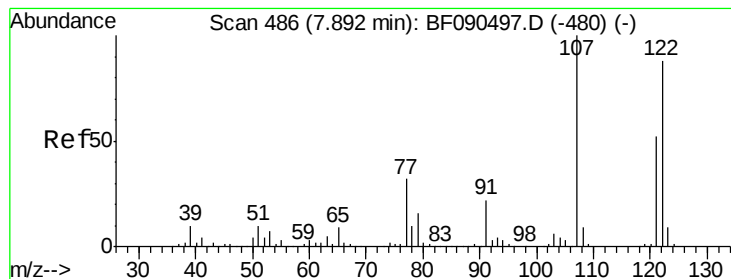
109 22.6 18.9 28.3

65 43.1 31.6 47.4



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0





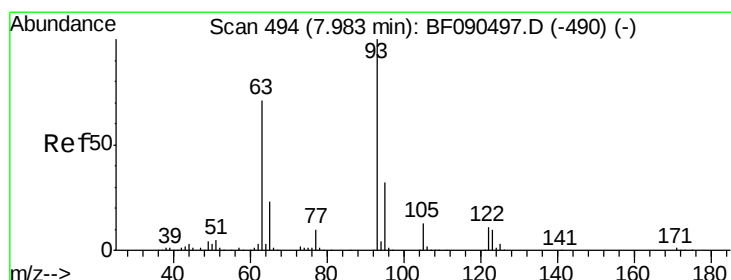
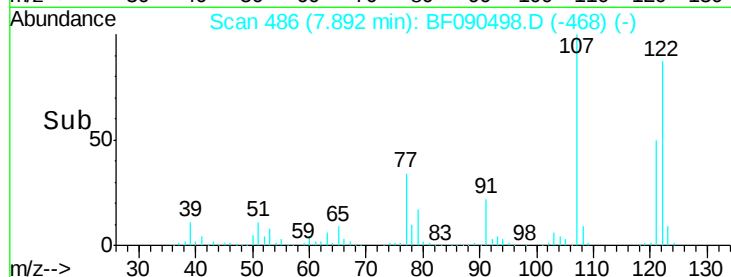
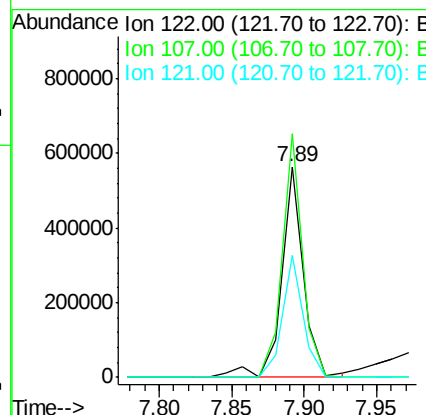
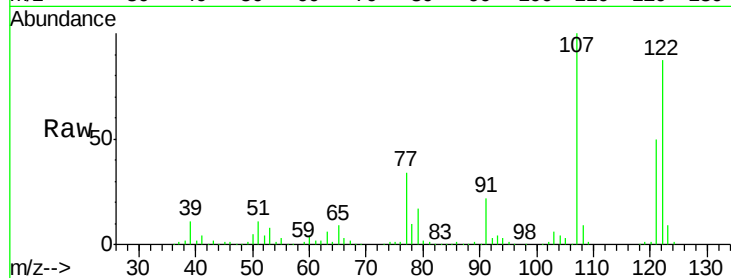
#27  
2,4-Dimethylphenol  
Concen: 39.98 ng  
RT: 7.89 min Scan# 486  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 589167 |       |       |
| 107     | 115.5 | 88.6   | 132.8 |       |
| 121     | 58.2  | 47.5   | 71.3  |       |

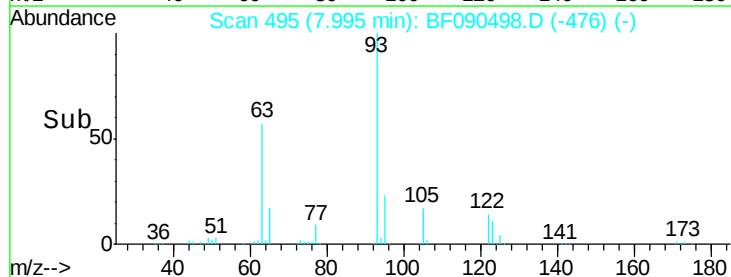
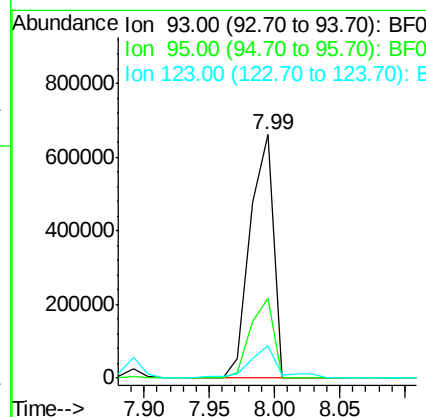
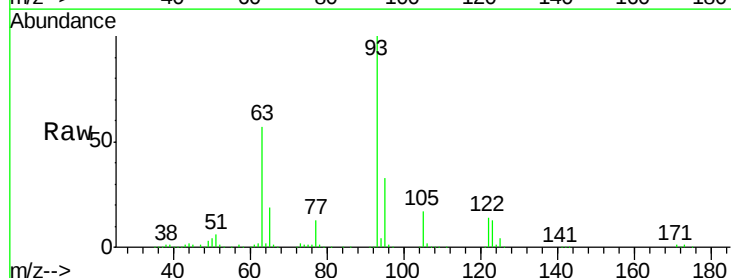
Manual Integrations  
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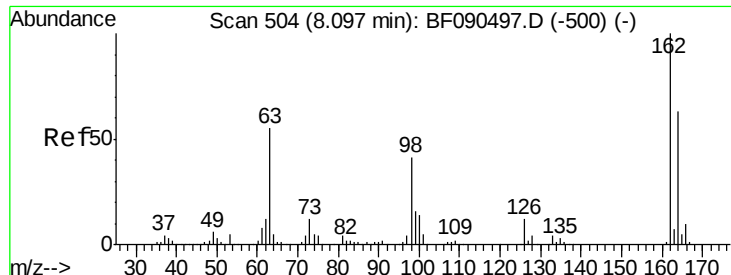
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#28  
bis(2-Chloroethoxy)methane  
Concen: 42.68 ng  
RT: 7.99 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 818344 |       |       |
| 95      | 32.9  | 27.0   | 40.4  |       |
| 123     | 13.2  | 11.1   | 16.7  |       |





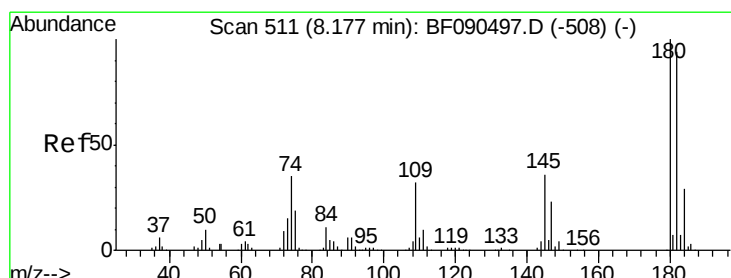
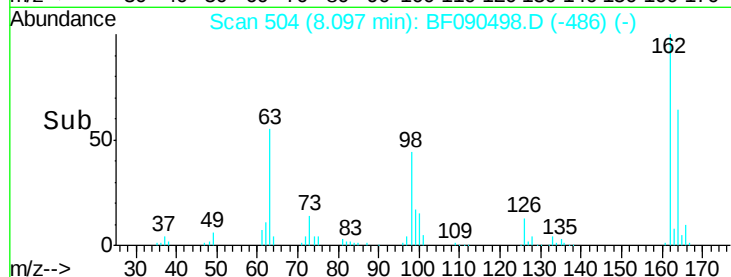
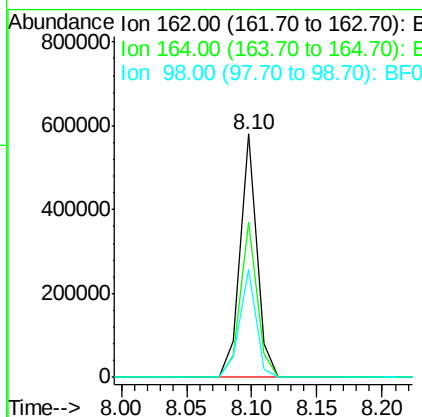
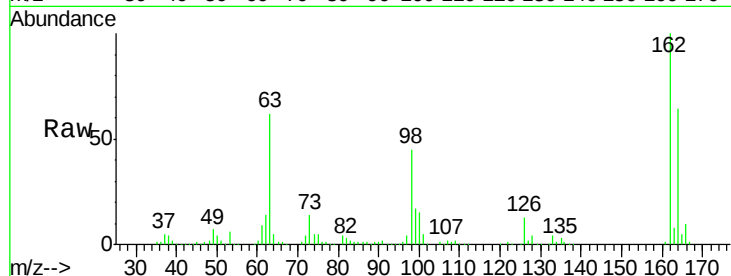
#29  
 2,4-Dichlorophenol  
 Concen: 46.04 ng  
 RT: 8.10 min Scan# 504  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 515870 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.6  | 45.7  | 85.7   |
| 98        | 44.6  | 13.3  | 53.3   |

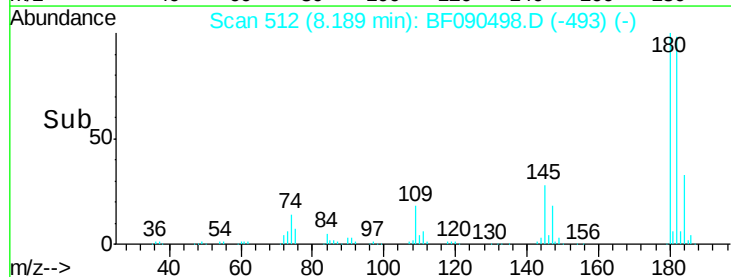
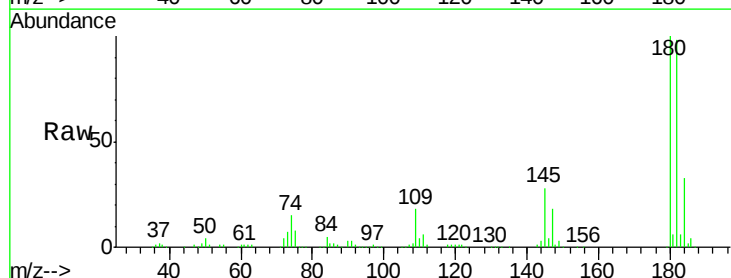
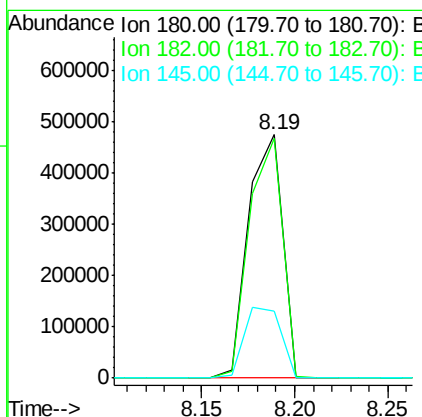
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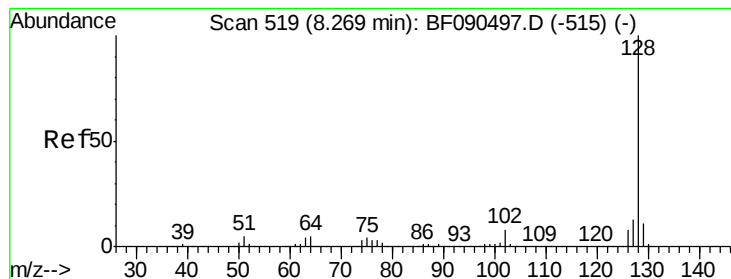
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 51.97 ng  
 RT: 8.19 min Scan# 512  
 Delta R.T. 0.01 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 600130 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 98.4  | 75.3  | 112.9  |
| 145       | 27.5  | 27.7  | 41.5#  |





#31

Naphthalene

Concen: 48.18 ng

RT: 8.27 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:128 Resp: 2005179

Ion Ratio Lower Upper

128 100

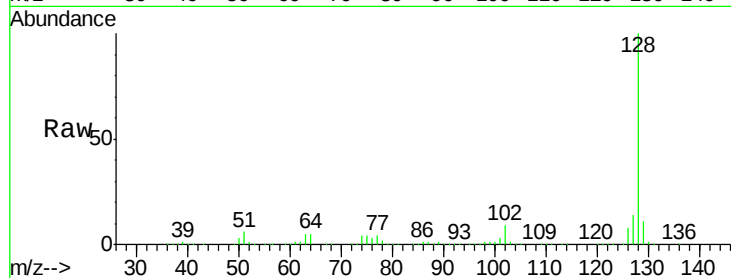
129 11.4 9.7 14.5

127 13.7 11.7 17.5

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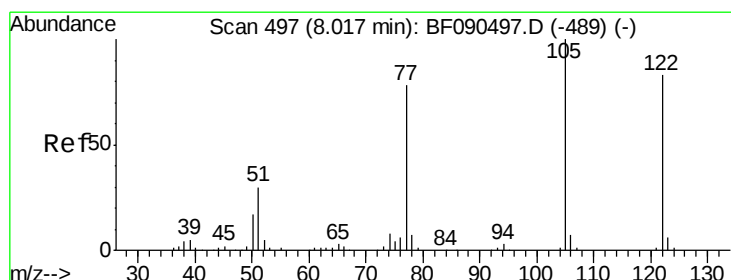
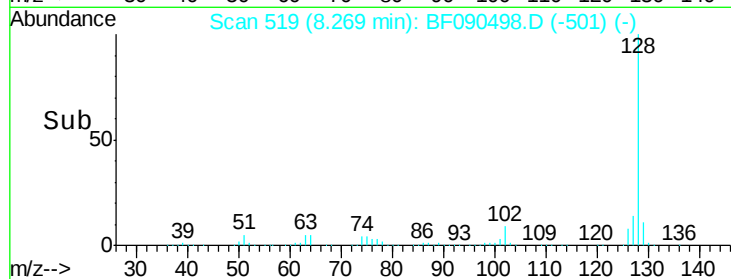
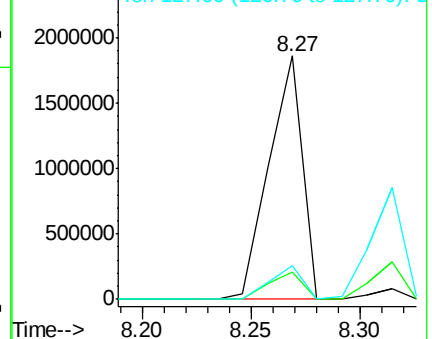
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.41 ng

RT: 8.03 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

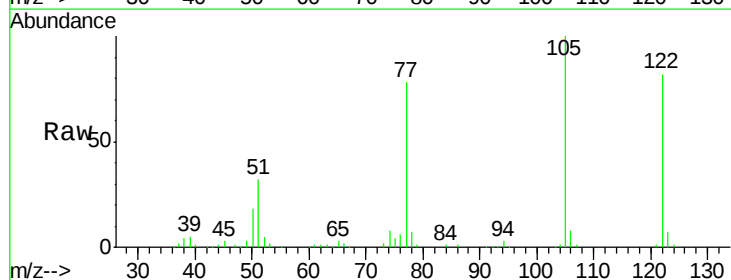
Tgt Ion:122 Resp: 536961

Ion Ratio Lower Upper

122 100

105 122.1 103.9 143.9

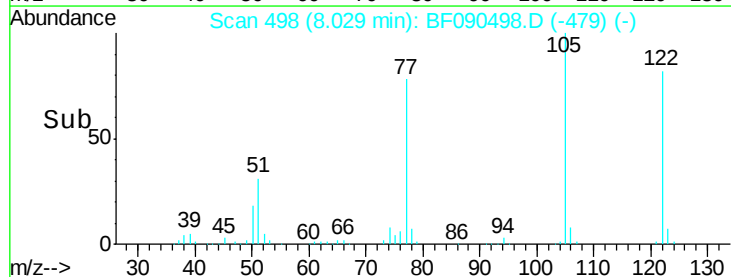
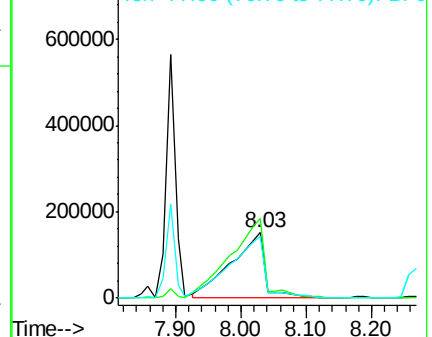
77 95.1 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





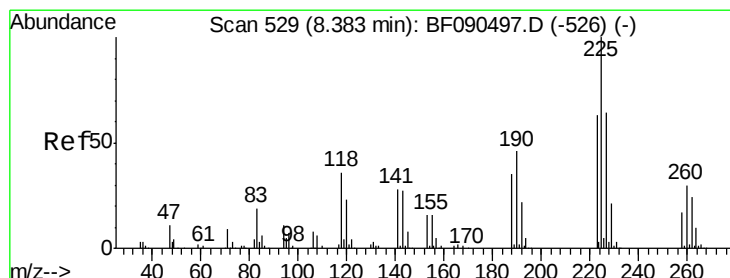
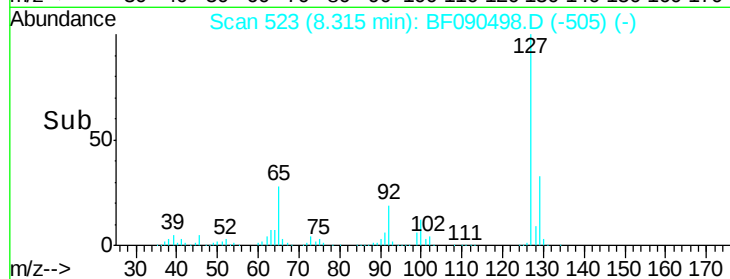
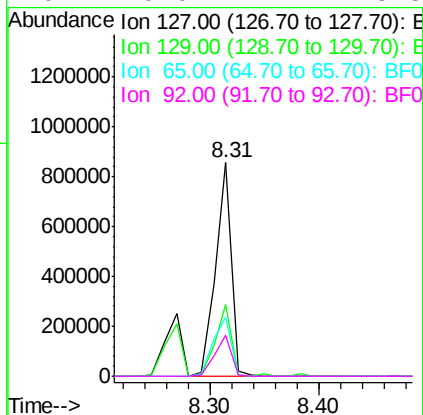
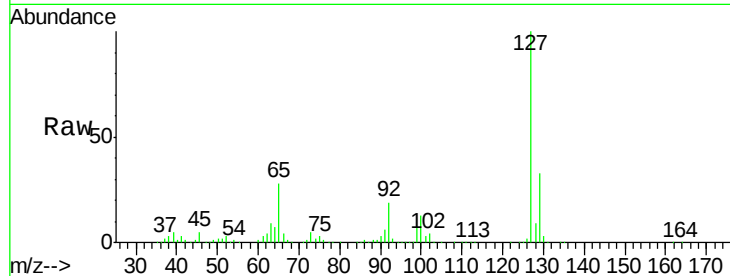
#33  
4-Chloroaniline  
Concen: 50.94 ng  
RT: 8.31 min Scan# 523  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.4 | 26.2  | 39.4 |       |       |
| 65      | 27.6 | 32.5  | 48.7 |       |       |
| 92      | 19.0 | 17.2  | 25.8 |       |       |

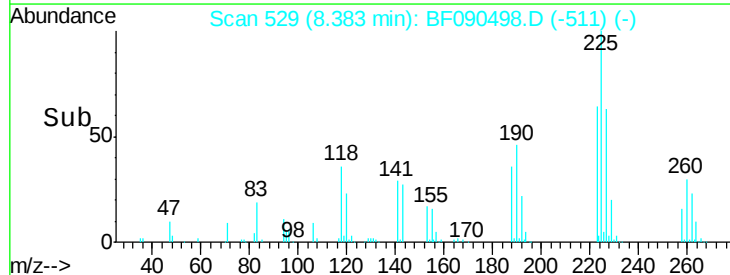
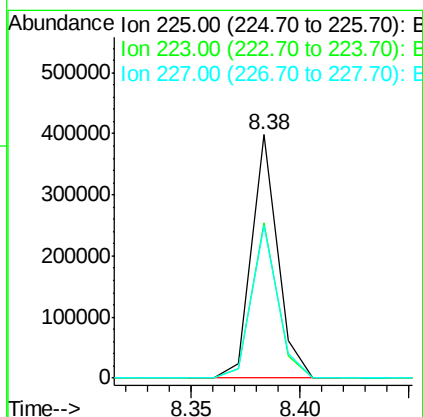
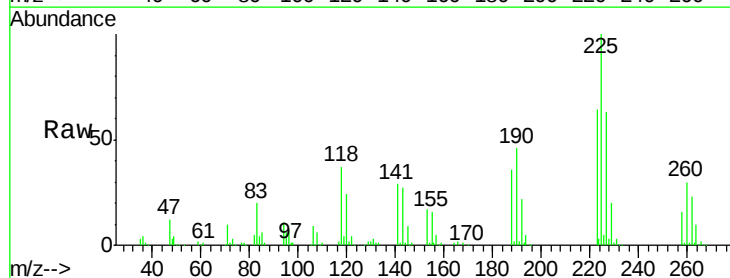
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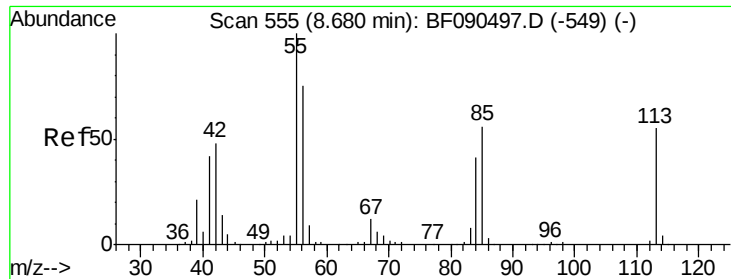
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#34  
Hexachlorobutadiene  
Concen: 51.51 ng  
RT: 8.38 min Scan# 529  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.6 | 51.0  | 76.4 |       |       |
| 227     | 62.7 | 50.8  | 76.2 |       |       |





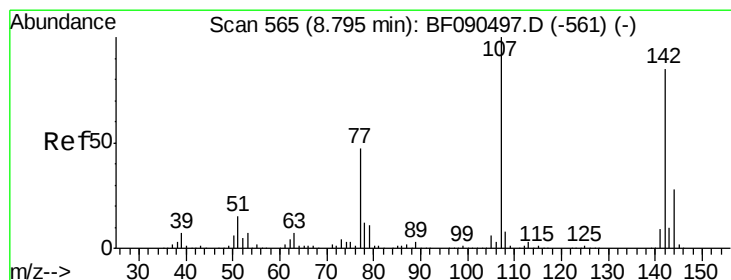
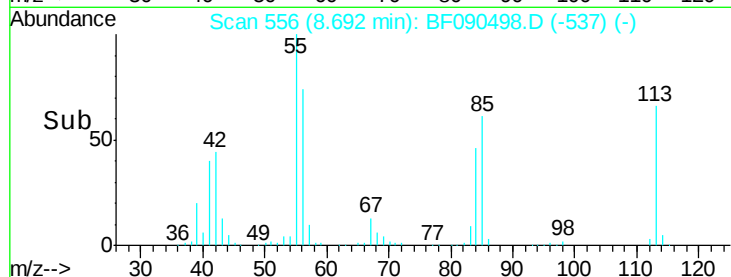
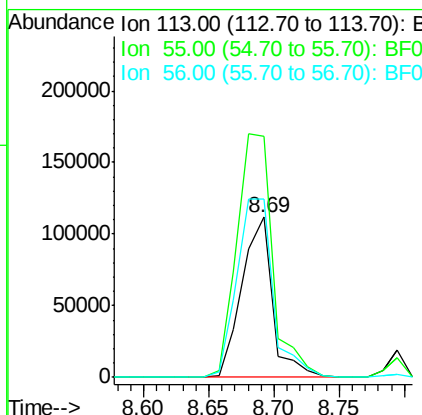
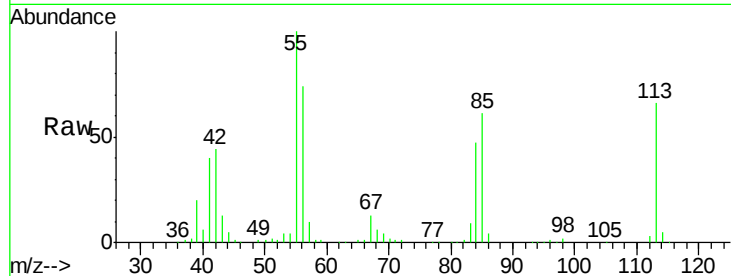
#35  
 Caprolactam  
 Concen: 48.93 ng  
 RT: 8.69 min Scan# 556  
 Delta R.T. 0.01 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 150.7 | 203.3 | 243.3# |
| 56      | 111.0 | 140.5 | 180.5# |

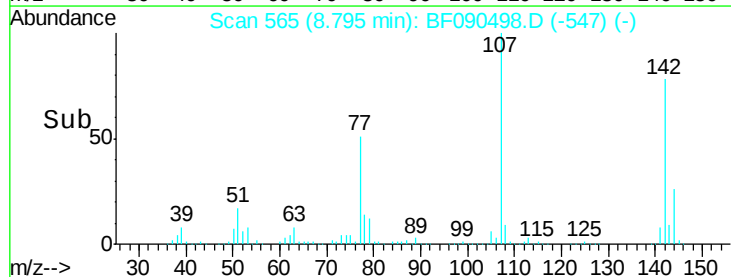
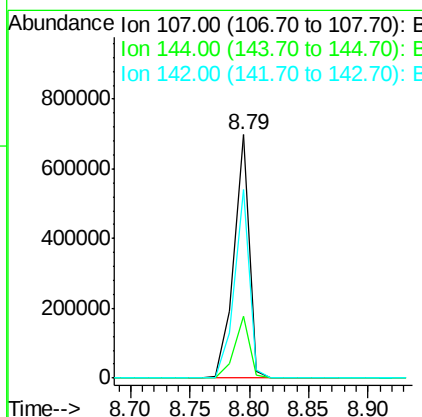
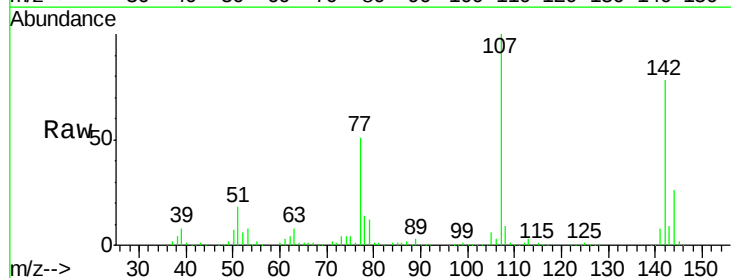
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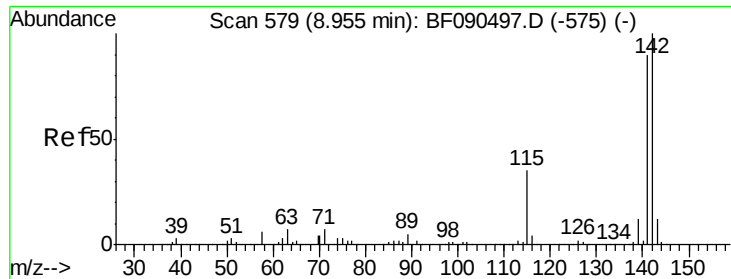
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#36  
 4-Chloro-3-methylphenol  
 Concen: 45.12 ng  
 RT: 8.79 min Scan# 565  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.5  | 19.8  | 29.8  |
| 142     | 77.7  | 60.7  | 91.1  |





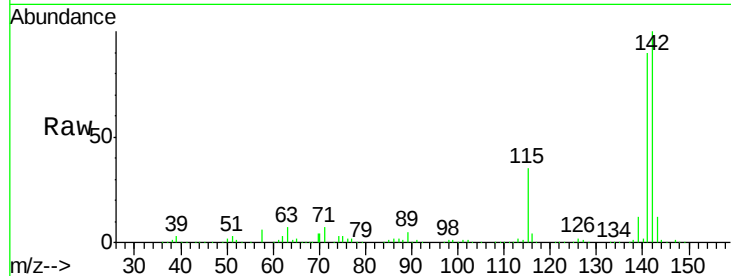
#37  
2-Methylnaphthalene  
Concen: 47.24 ng  
RT: 8.95 min Scan# 579  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

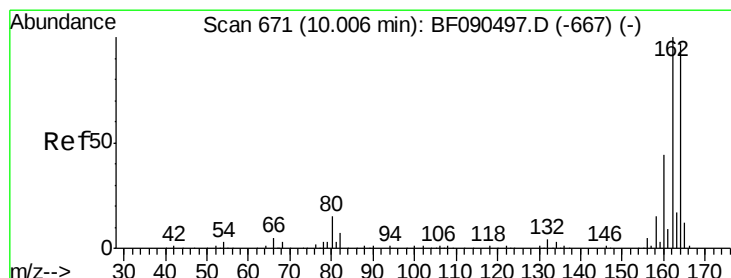
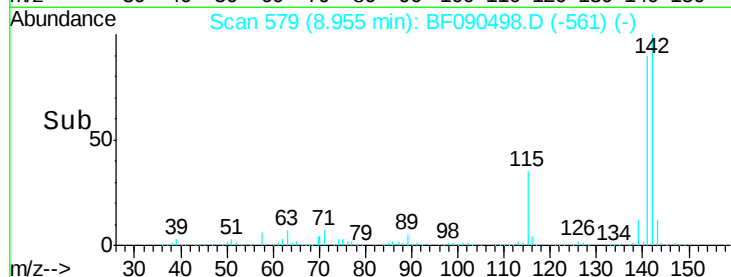
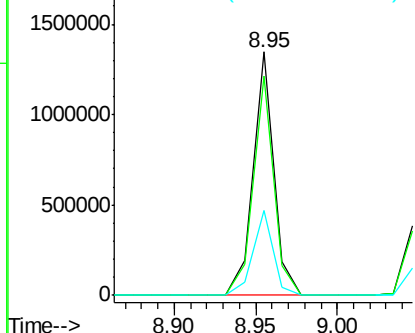
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 71.8  | 107.8 |
| 115     | 34.7  | 28.8  | 43.2  |

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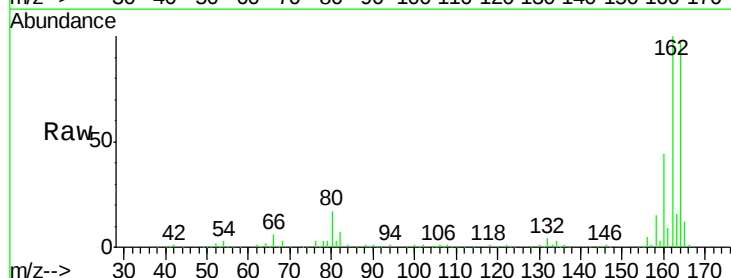


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

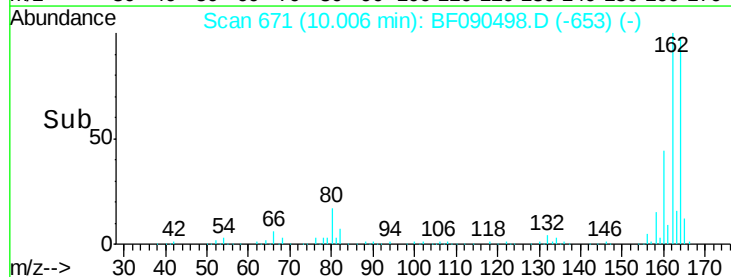
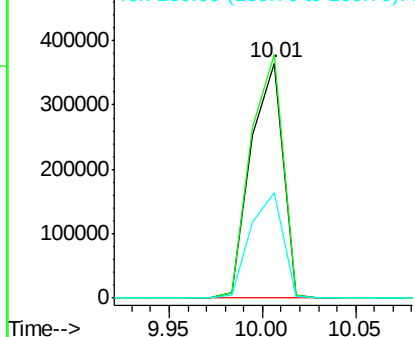


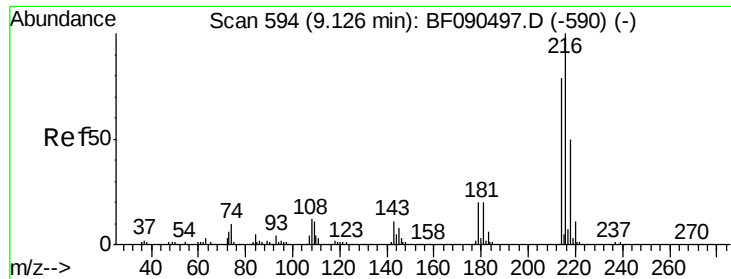
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.01 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.5 | 80.1  | 120.1 |
| 160     | 45.0  | 36.3  | 54.5  |



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: 55.64 ng

RT: 9.13 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

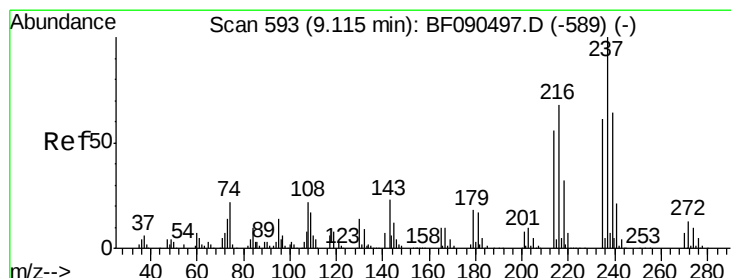
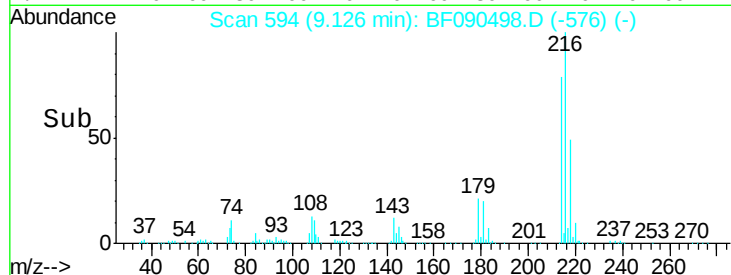
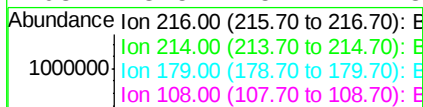
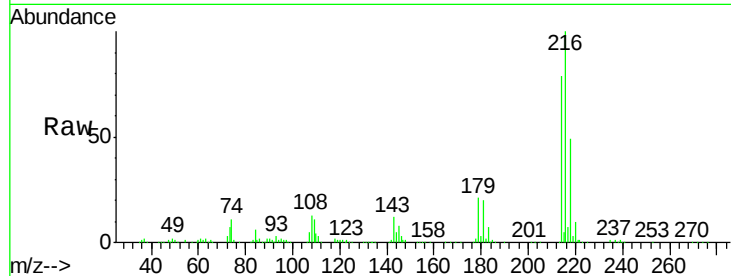
ClientSampleId :

SSTDICC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 634161 |       |       |
| 214     | 78.9 |       | 64.2   | 96.2  |       |
| 179     | 22.0 |       | 18.0   | 27.0  |       |
| 108     | 18.5 |       | 15.2   | 22.8  |       |

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#40

Hexachlorocyclopentadiene

Concen: 49.91 ng

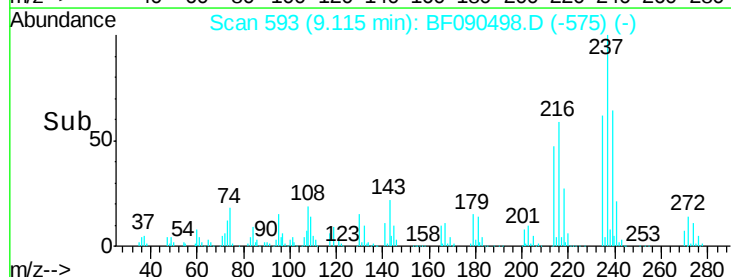
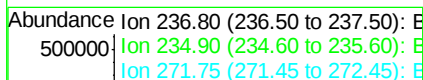
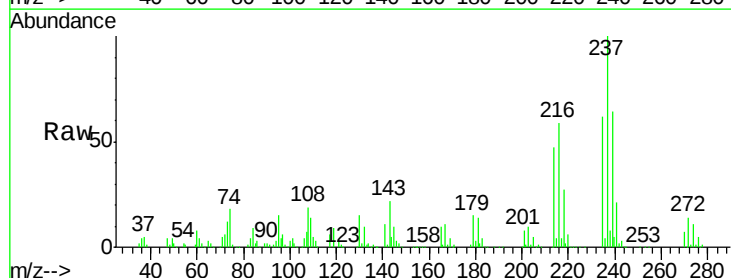
RT: 9.11 min Scan# 593

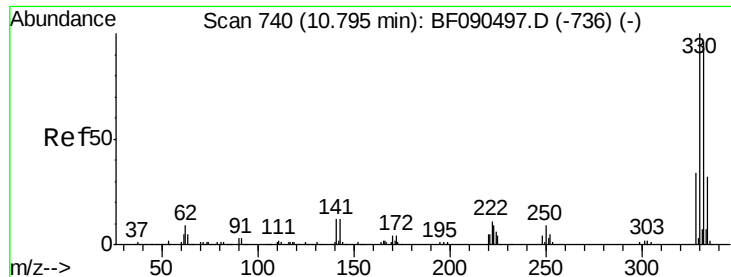
Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 311856 |       |       |
| 235     | 62.3 |       | 43.6   | 83.6  |       |
| 272     | 13.7 |       | 0.0    | 32.7  |       |





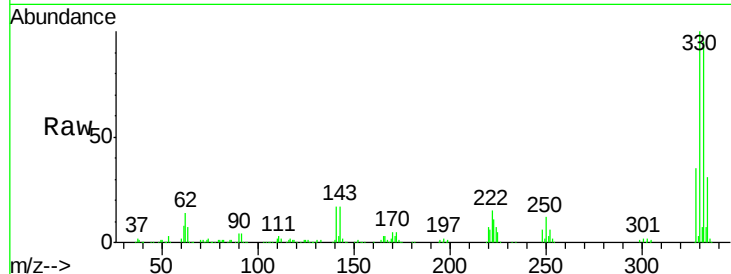
#41  
 2,4,6-Tribromophenol  
 Concen: 139.57 ng  
 RT: 10.79 min Scan# 740  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

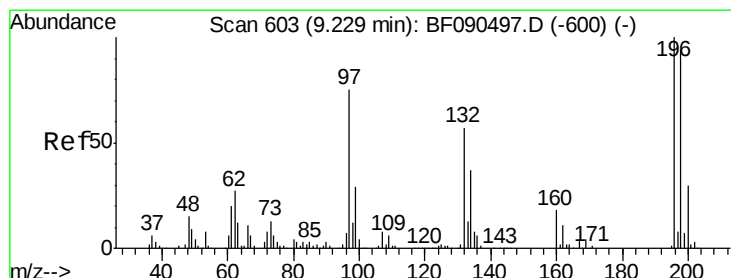
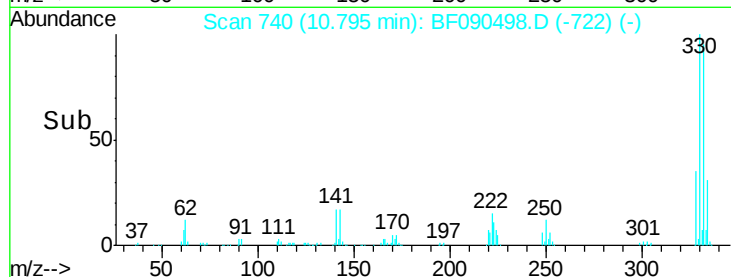
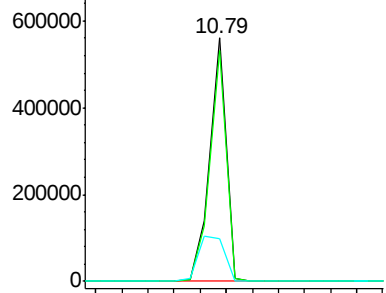
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 490673 |       |       |
| 332     | 94.3  |        | 75.4  | 113.0 |
| 141     | 29.6  |        | 26.9  | 40.3  |

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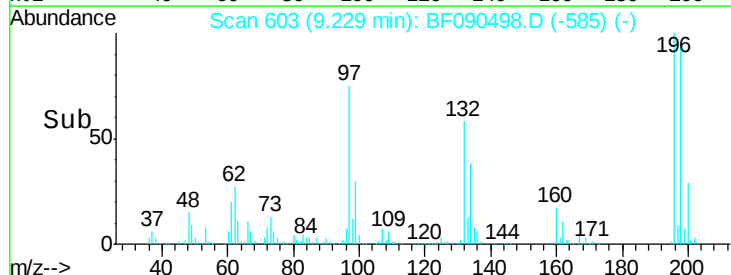
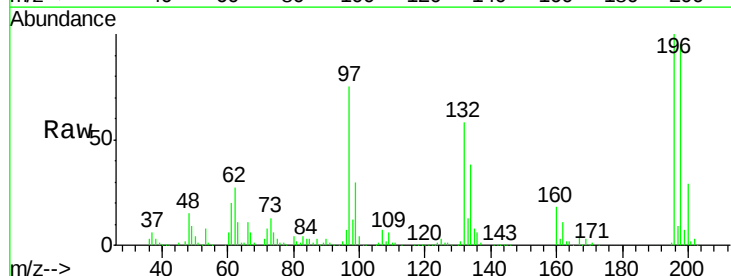
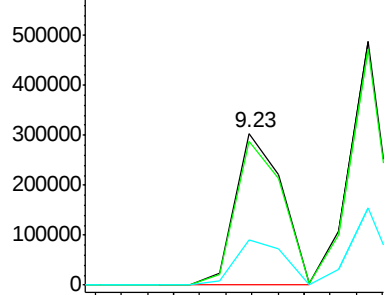
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

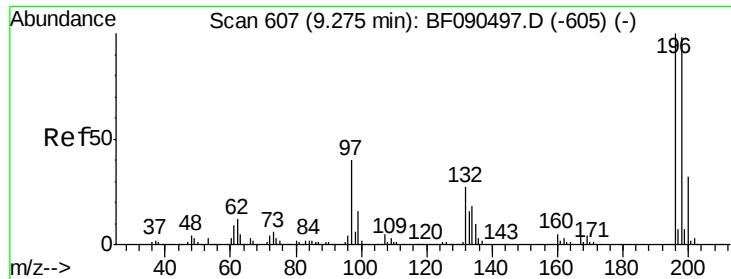


#42  
 2,4,6-Trichlorophenol  
 Concen: 48.27 ng  
 RT: 9.23 min Scan# 603  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 379639 |       |       |
| 198     | 94.7  |        | 78.9  | 118.3 |
| 200     | 29.5  |        | 25.4  | 38.2  |

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





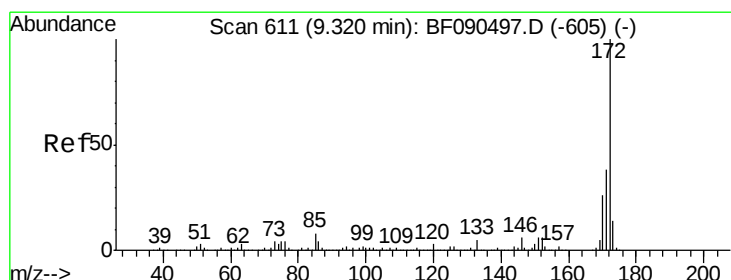
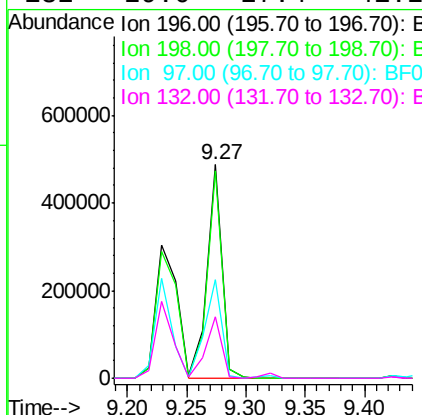
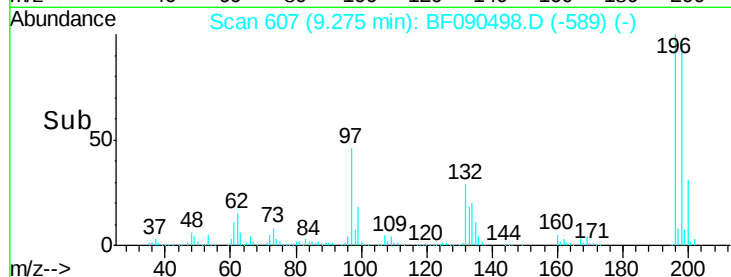
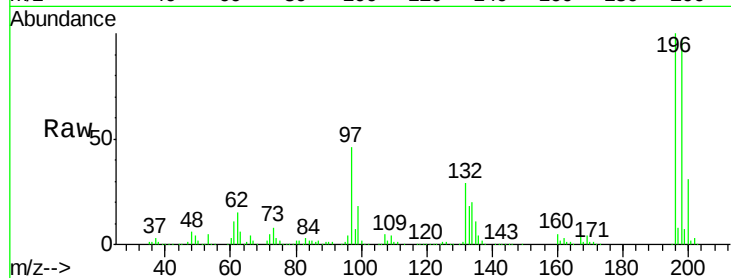
#43  
 2,4,5-Trichlorophenol  
 Concen: 57.22 ng  
 RT: 9.27 min Scan# 607  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 425563 |       |       |
| 198     | 97.0  | 78.1   | 117.1 |       |
| 97      | 46.4  | 48.1   | 72.1  | #     |
| 132     | 29.0  | 27.4   | 41.2  |       |

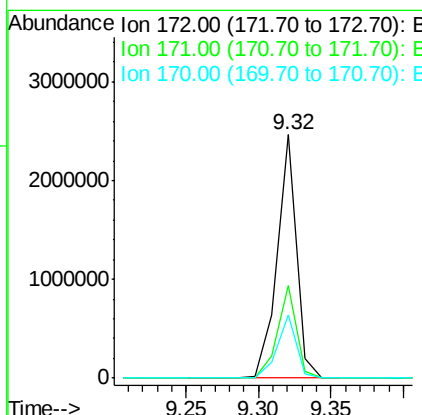
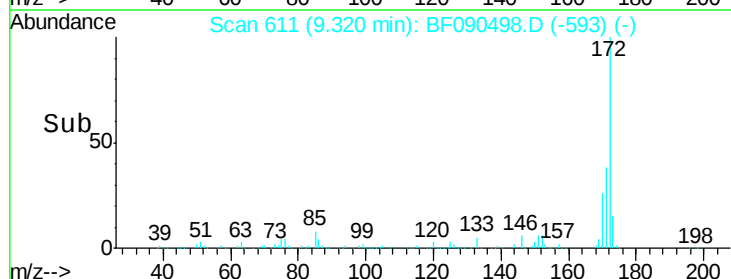
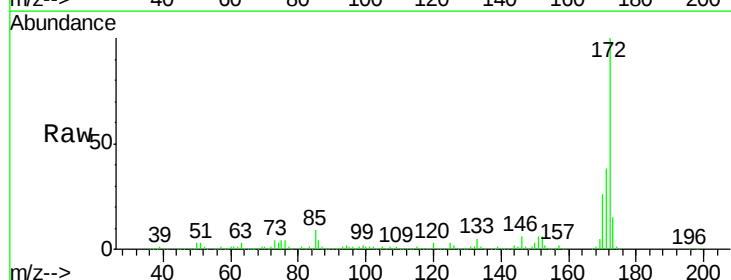
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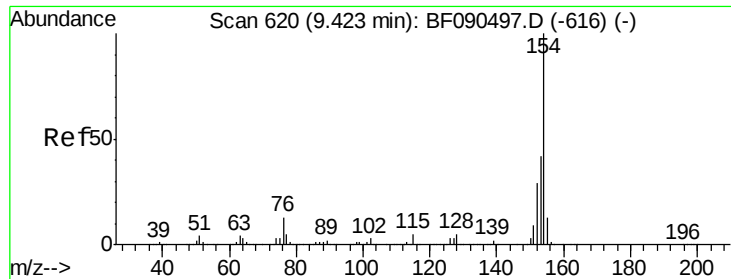
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#44  
 2-Fluorobiphenyl  
 Concen: 87.93 ng  
 RT: 9.32 min Scan# 611  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2281773 |       |       |
| 171     | 38.2  | 31.8    | 47.8  |       |
| 170     | 26.1  | 21.7    | 32.5  |       |





#45

1,1'-Biphenyl

Concen: 51.97 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:154 Resp: 1664972

Ion Ratio Lower Upper

154 100

153 42.3 23.8 63.8

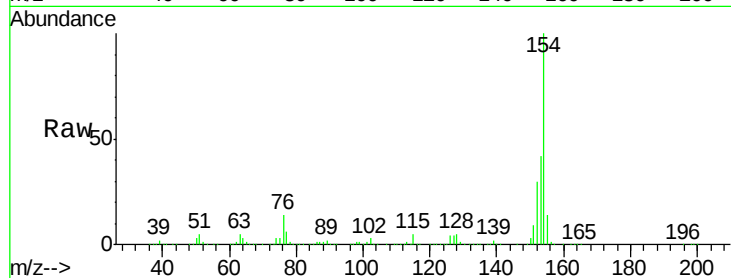
76 14.3 0.0 35.8

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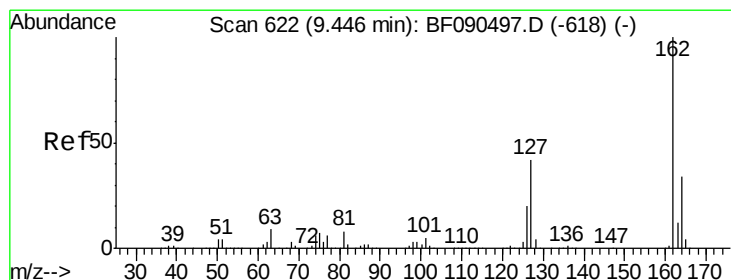
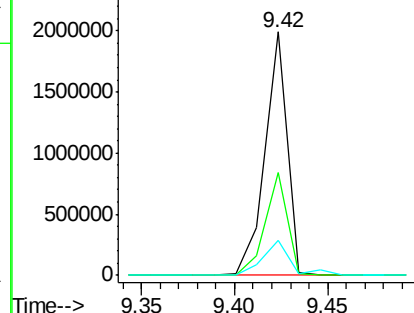
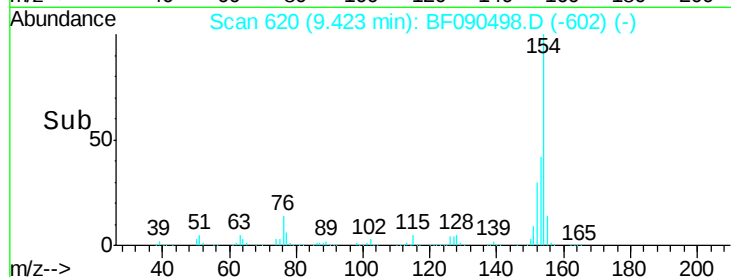
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.55 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

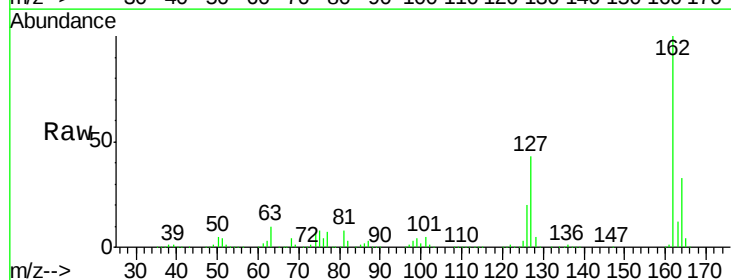
Tgt Ion:162 Resp: 1172864

Ion Ratio Lower Upper

162 100

127 43.0 35.6 53.4

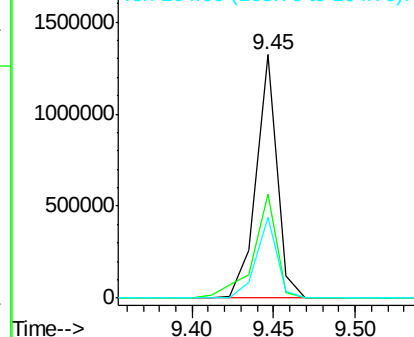
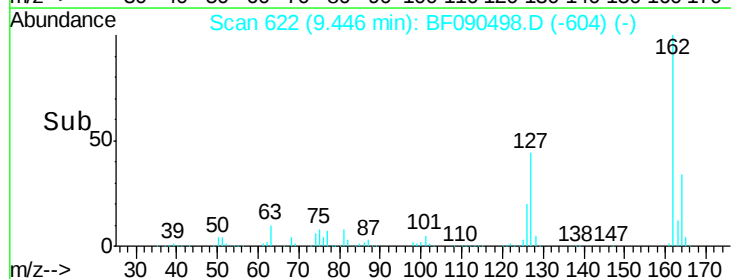
164 33.3 27.5 41.3

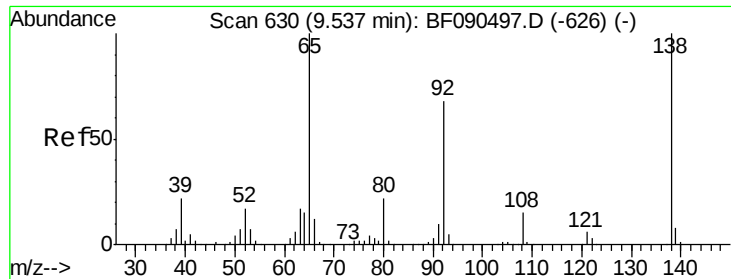


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





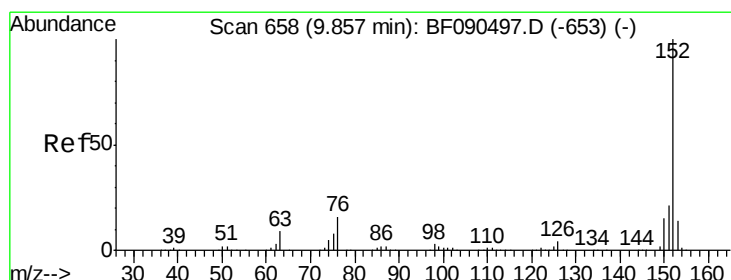
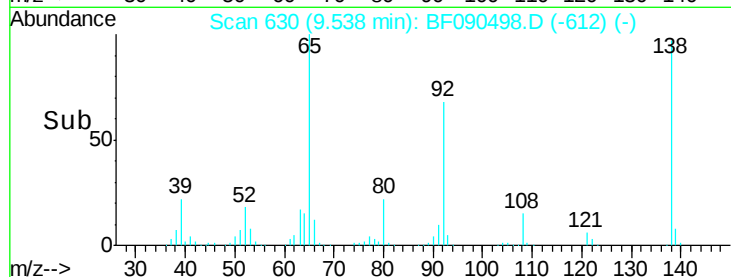
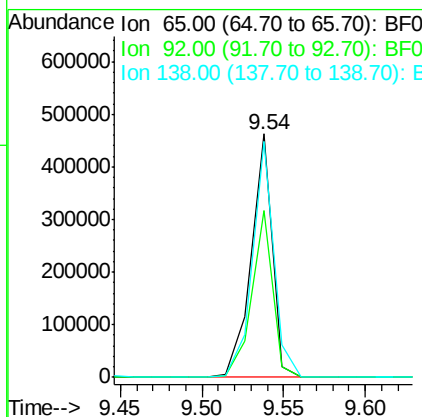
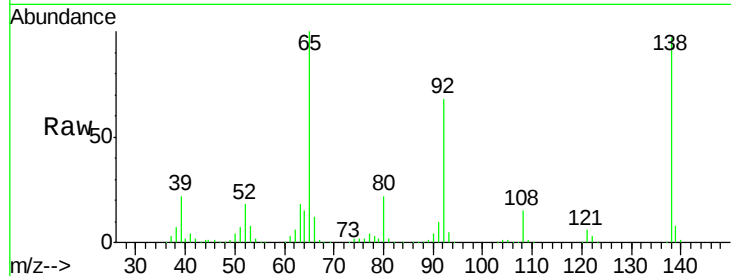
#47  
2-Nitroaniline  
Concen: 44.43 ng  
RT: 9.54 min Scan# 630  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.3  | 51.7  | 77.5  |
| 138     | 96.9  | 79.0  | 118.4 |

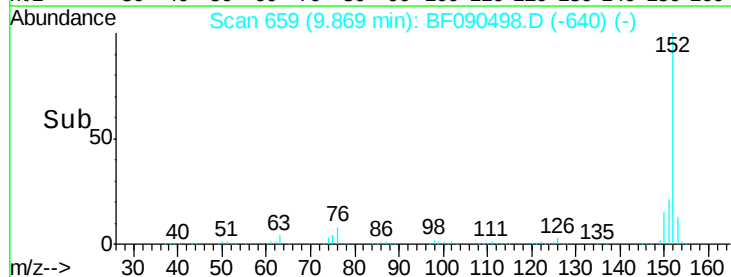
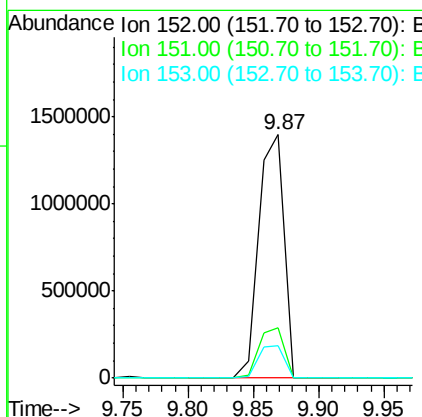
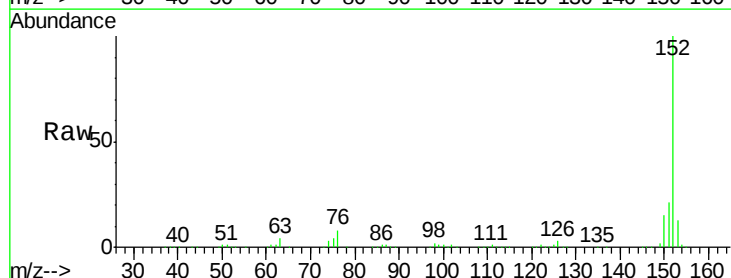
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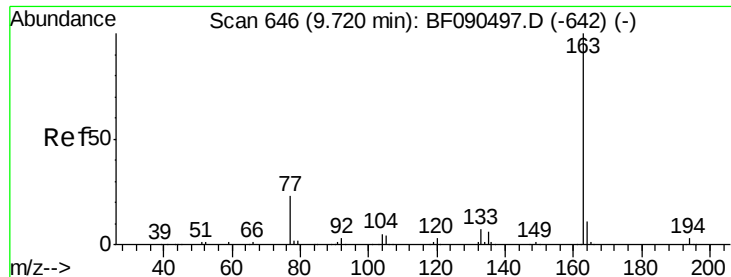
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#48  
Acenaphthylene  
Concen: 48.42 ng  
RT: 9.87 min Scan# 659  
Delta R.T. 0.01 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.8  | 17.4  | 26.0  |
| 153     | 13.3  | 11.6  | 17.4  |





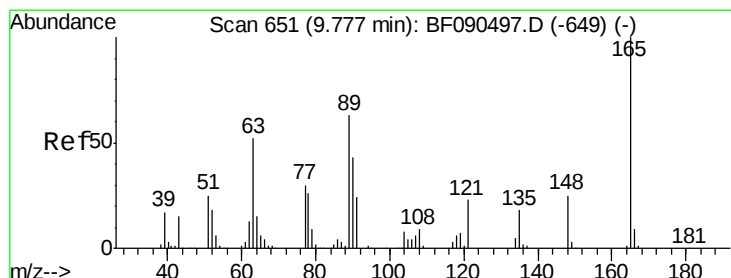
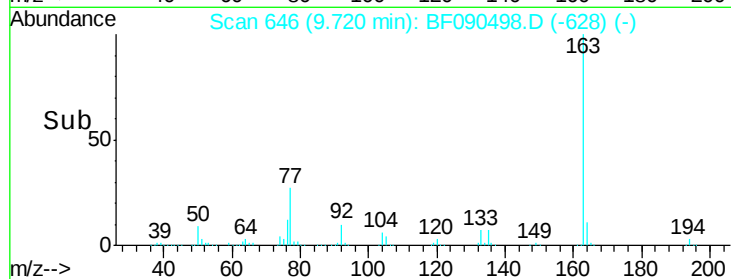
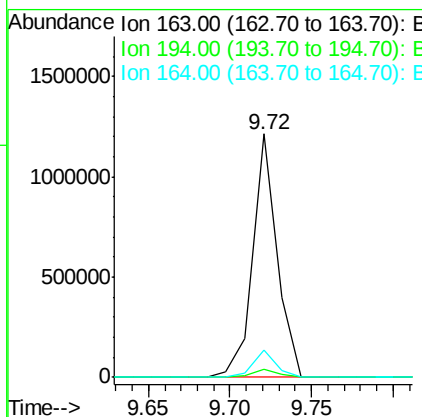
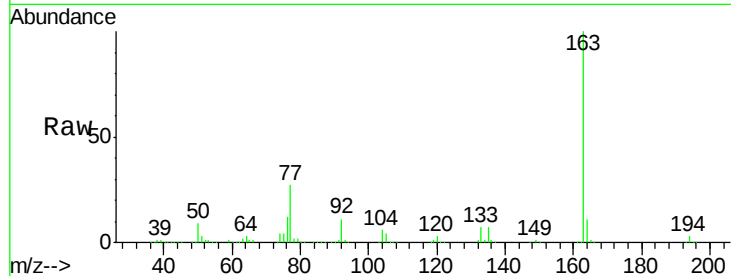
#49  
Dimethylphthalate  
Concen: 45.24 ng  
RT: 9.72 min Scan# 646  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.3   | 2.8   | 4.2   |
| 164     | 11.0  | 9.0   | 13.4  |

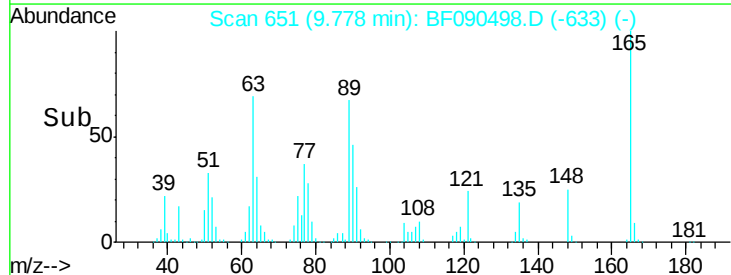
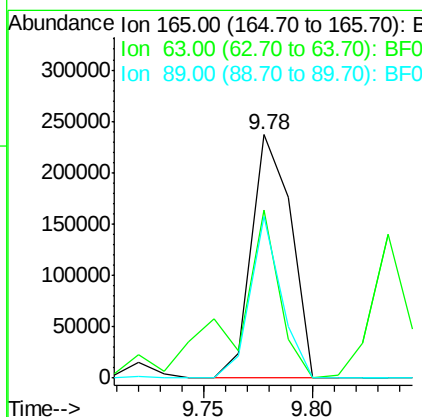
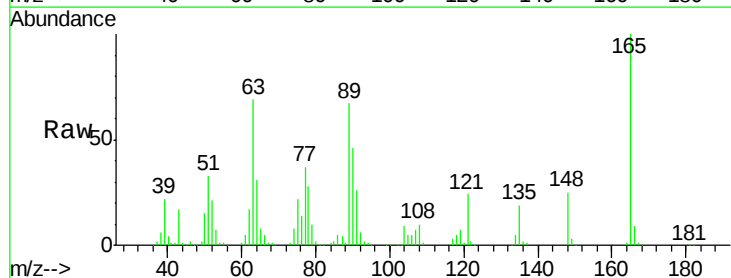
Manual Integrations  
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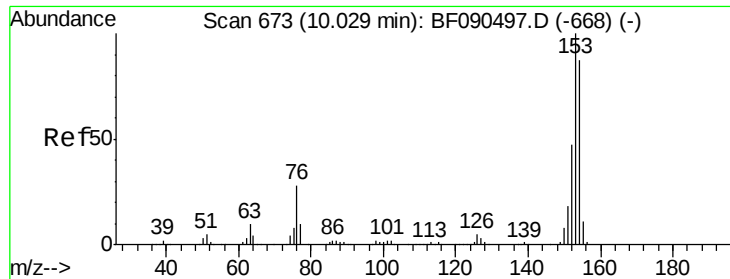
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#50  
2,6-Dinitrotoluene  
Concen: 48.78 ng  
RT: 9.78 min Scan# 651  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 69.2  | 58.0  | 87.0  |
| 89      | 66.6  | 51.2  | 76.8  |





#51

Acenaphthene

Concen: 53.21 ng

RT: 10.04 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1295725

Ion Ratio Lower Upper

154 100

153 111.2 88.6 133.0

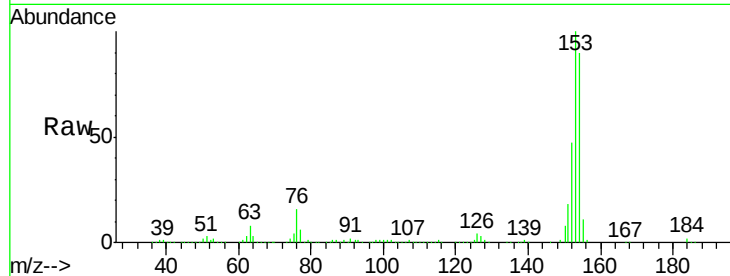
152 52.7 42.6 64.0

Manual Integrations

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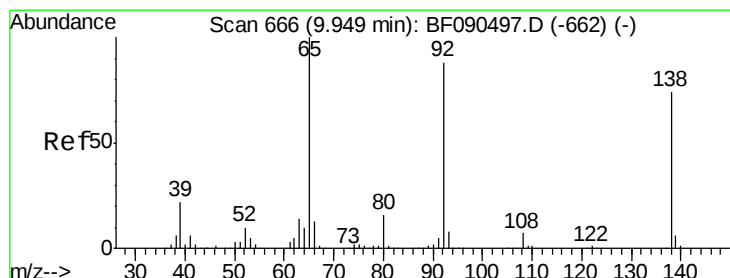
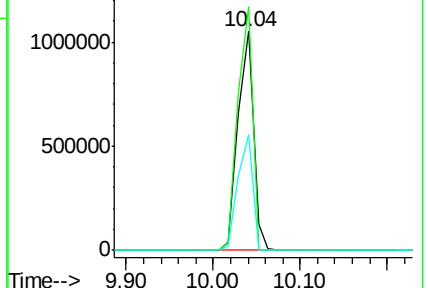
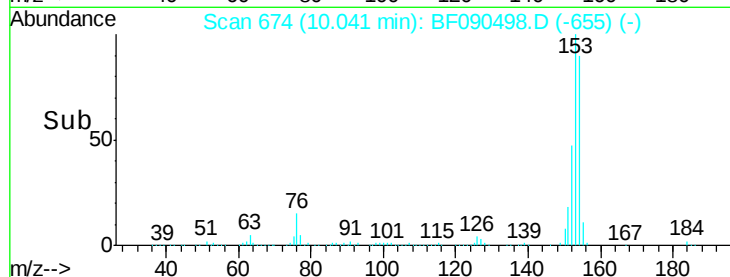
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.58 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

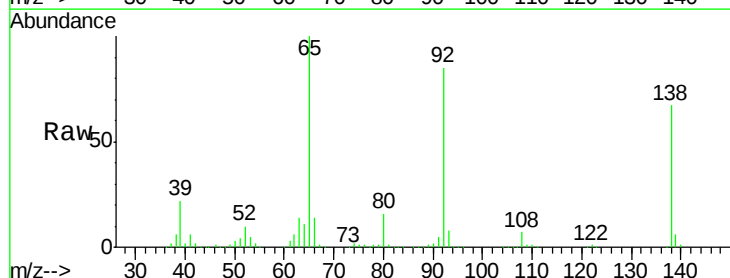
Tgt Ion:138 Resp: 334470

Ion Ratio Lower Upper

138 100

108 10.6 9.7 14.5

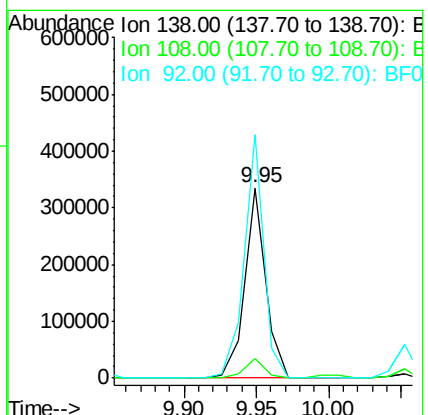
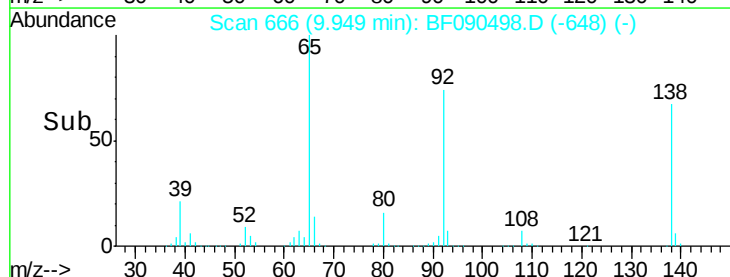
92 128.0 97.1 145.7

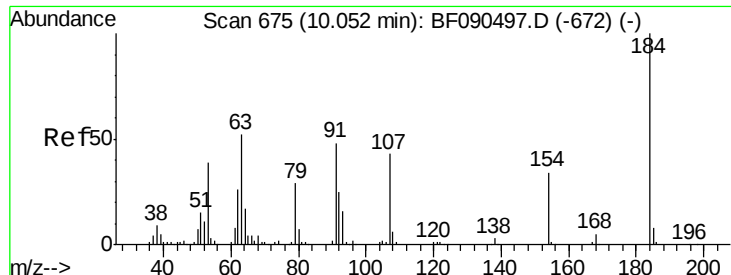


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





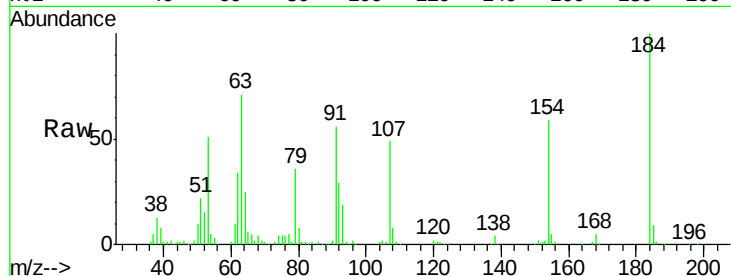
#53  
2,4-Dinitrophenol  
Concen: 64.38 ng  
RT: 10.05 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

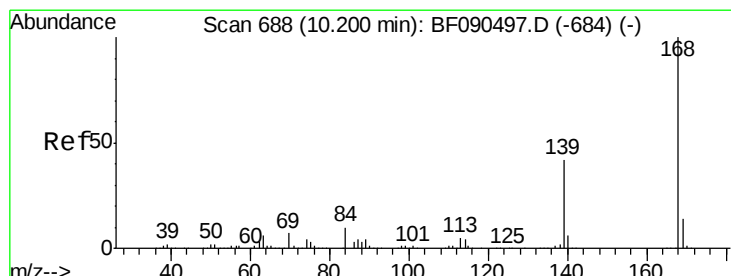
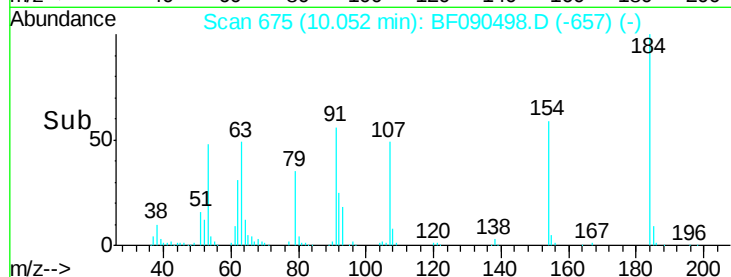
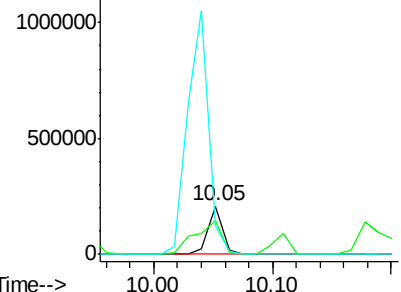
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 71.3  | 41.9  | 62.9# |
| 154     | 59.3  | 48.9  | 73.3  |

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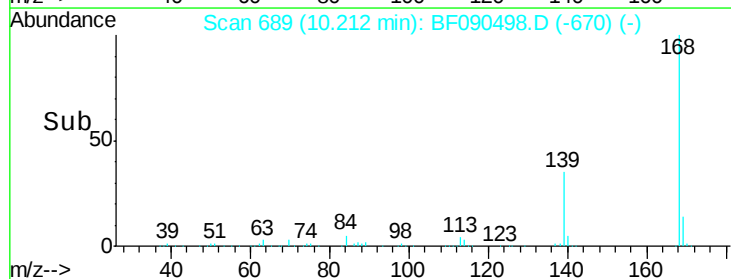
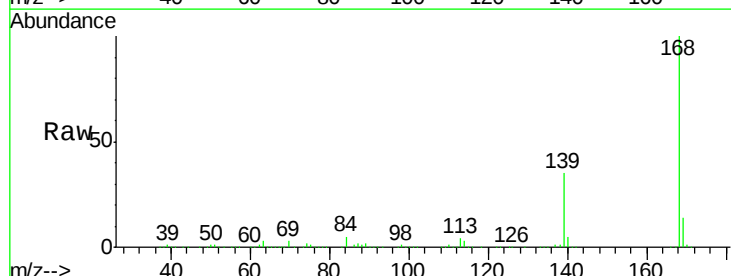
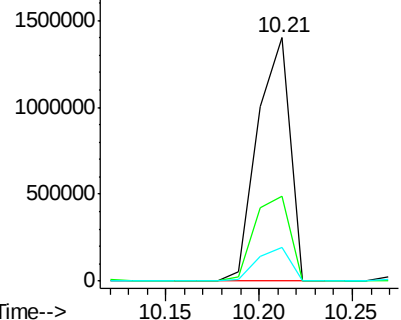
Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

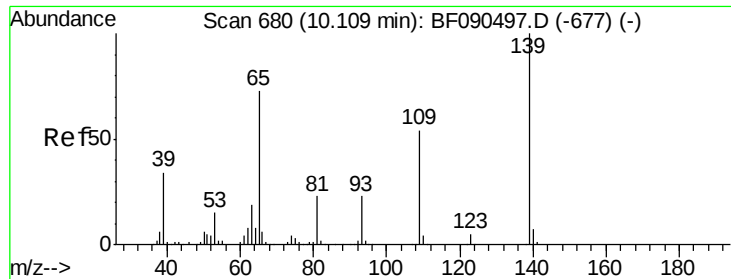


#54  
Dibenzofuran  
Concen: 53.63 ng  
RT: 10.21 min Scan# 689  
Delta R.T. 0.01 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.7  | 29.6  | 44.4  |
| 169     | 13.7  | 11.3  | 16.9  |

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





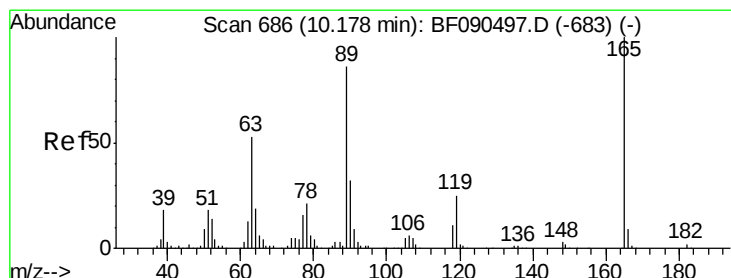
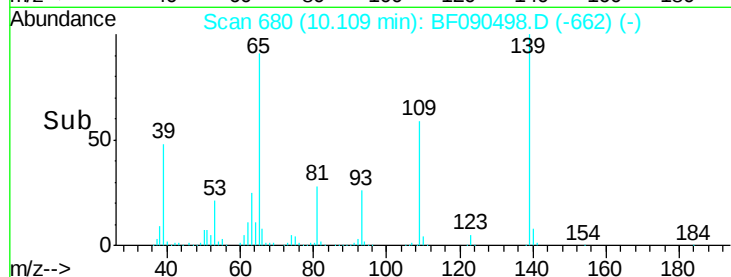
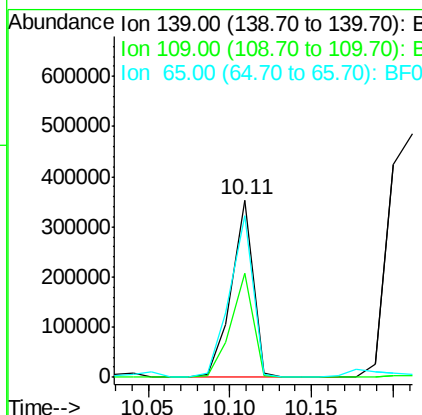
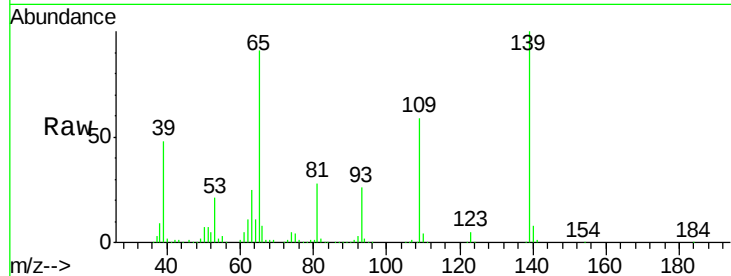
#55  
4-Nitrophenol  
Concen: 52.10 ng  
RT: 10.11 min Scan# 680  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 58.7  | 43.6 | 83.6  |       |
| 65      | 91.4  | 87.5 | 127.5 |       |

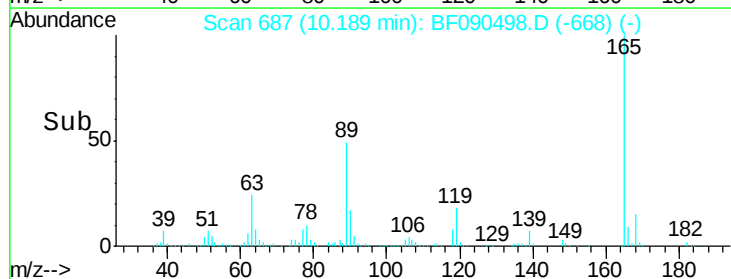
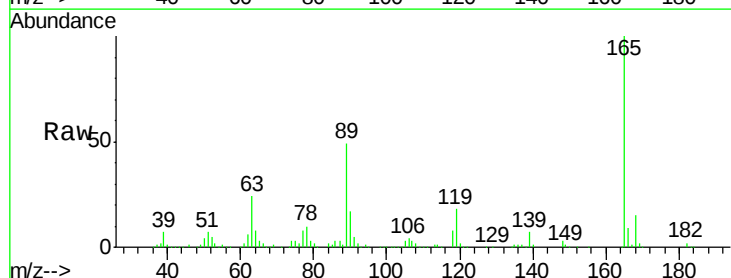
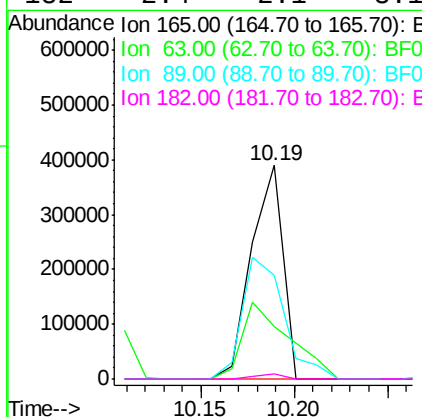
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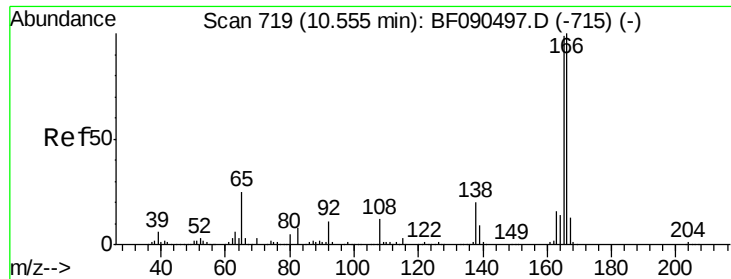
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#56  
2,4-Dinitrotoluene  
Concen: 55.64 ng  
RT: 10.19 min Scan# 687  
Delta R.T. 0.01 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 24.4  | 17.8 | 26.6  |       |
| 89      | 48.6  | 33.2 | 49.8  |       |
| 182     | 2.4   | 2.1  | 3.1   |       |





#57

Fluorene

Concen: 52.57 ng

RT: 10.55 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 1392457

Ion Ratio Lower Upper

166 100

165 98.7 79.2 118.8

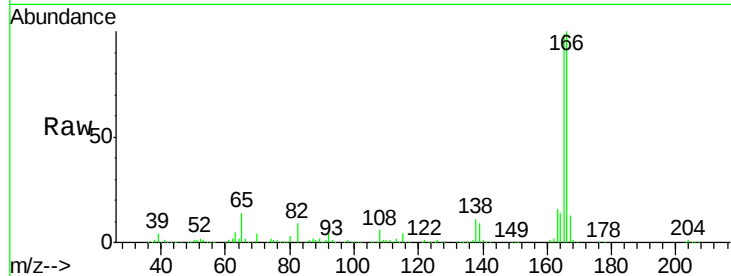
167 13.2 11.1 16.7

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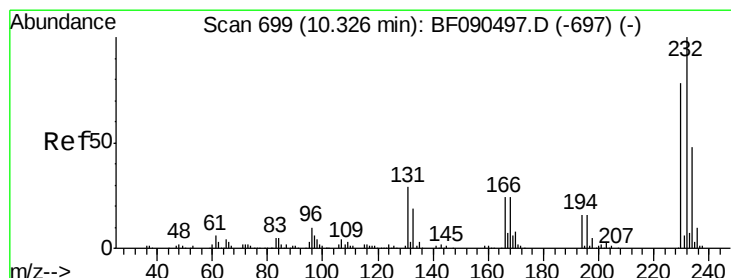
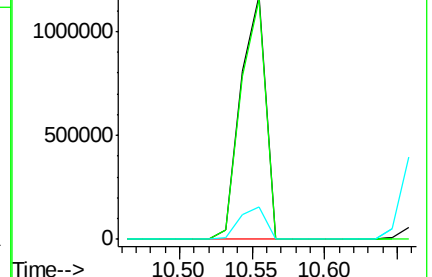
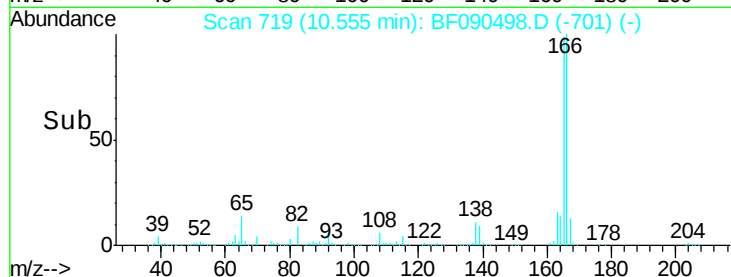
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 64.75 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Tgt Ion:232 Resp: 359646

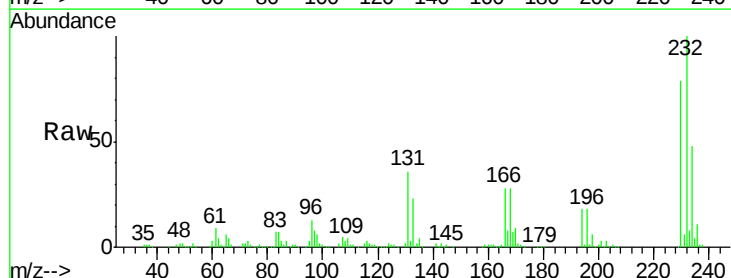
Ion Ratio Lower Upper

232 100

131 46.1 34.5 51.7

130 2.0 1.6 2.4

166 32.6 23.8 35.8

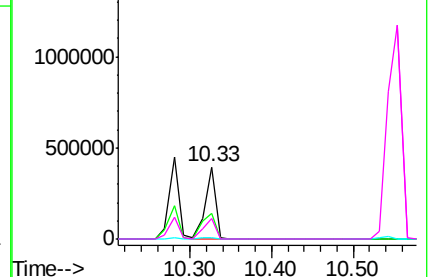
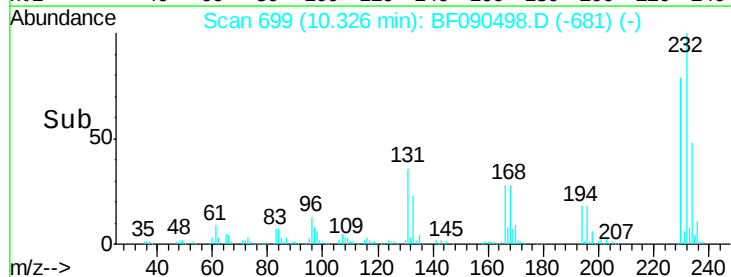


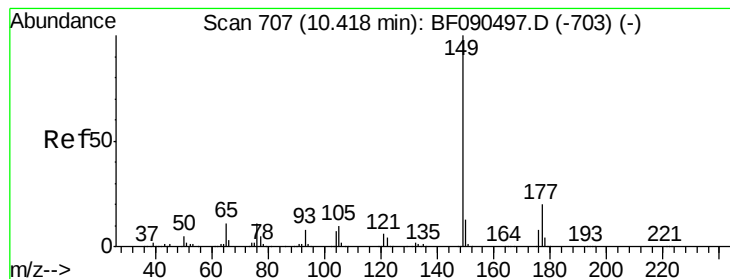
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.87 ng

RT: 10.42 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:149 Resp: 1400094

Ion Ratio Lower Upper

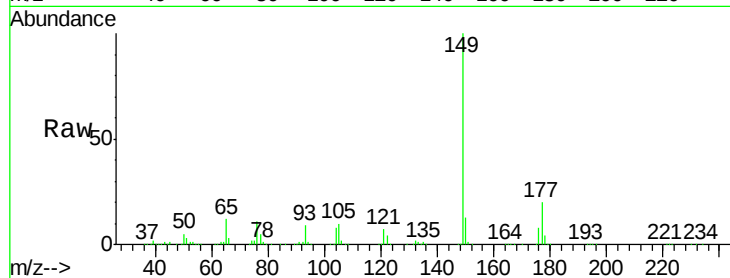
149 100

177 20.0 21.1 31.7#

150 13.1 10.2 15.2

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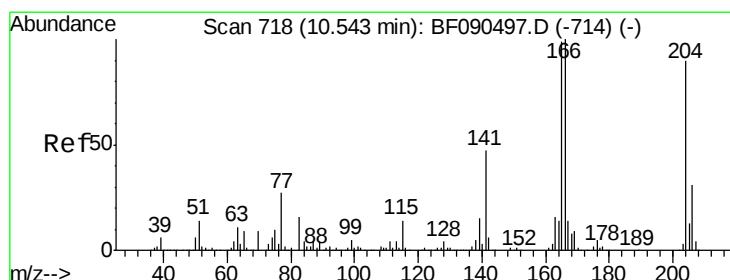
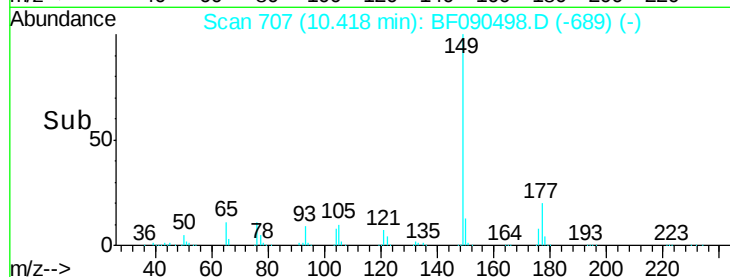
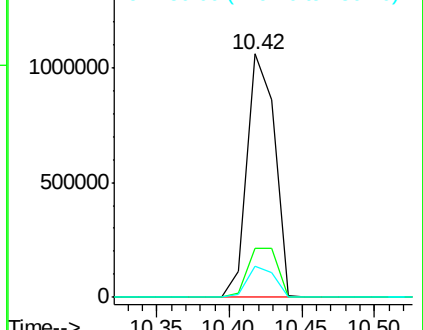
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 57.56 ng

RT: 10.54 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

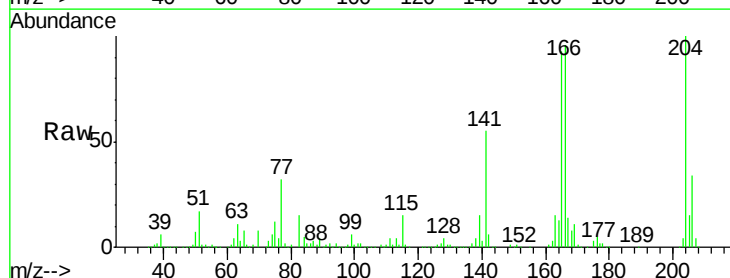
Tgt Ion:204 Resp: 693229

Ion Ratio Lower Upper

204 100

206 33.8 26.7 40.1

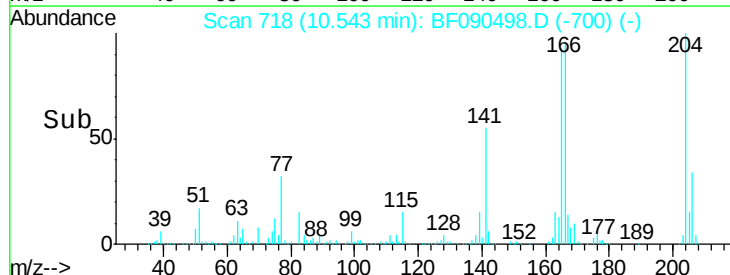
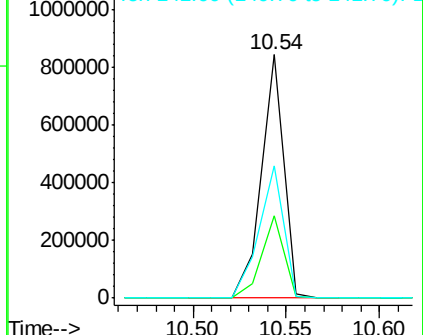
141 54.5 51.7 77.5

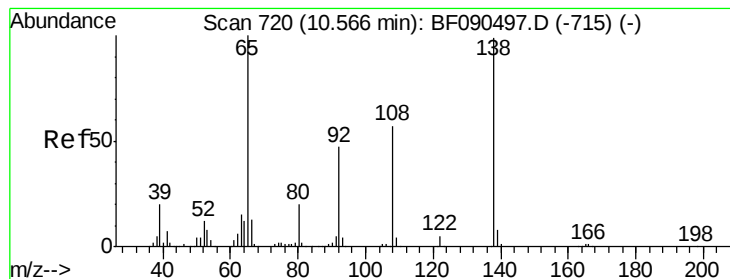


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 52.02 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

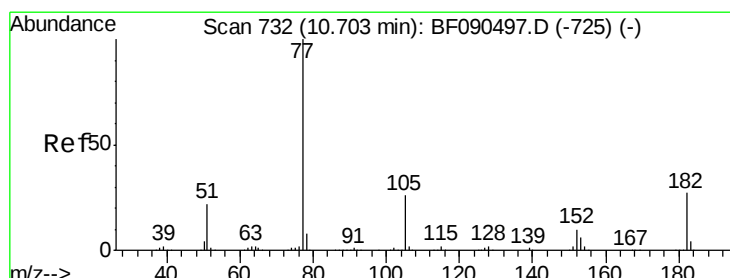
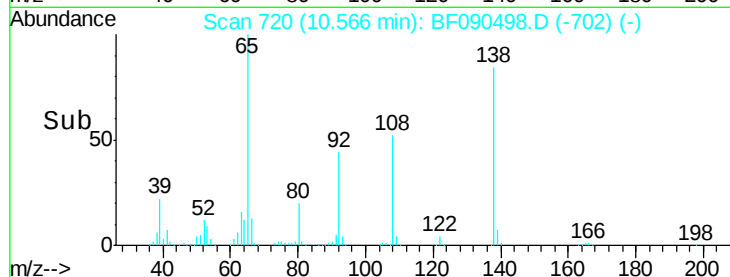
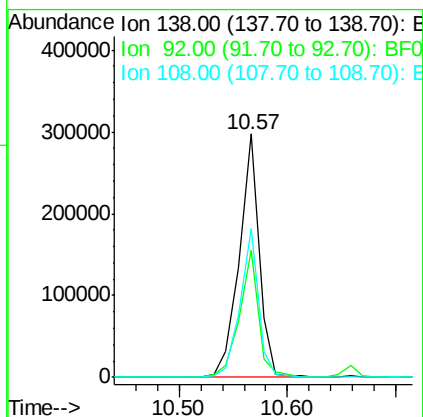
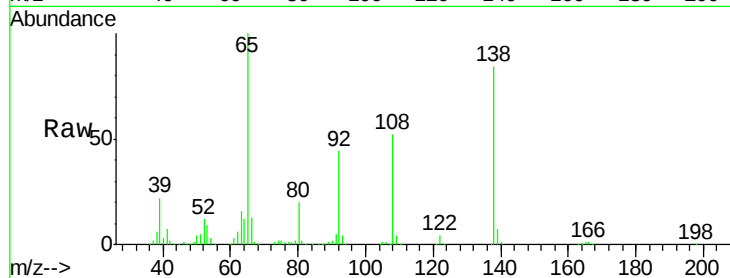
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 376392 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 52.3  | 33.2  | 73.2   |
| 108       | 61.2  | 48.5  | 88.5   |

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#62

Azobenzene

Concen: 47.76 ng

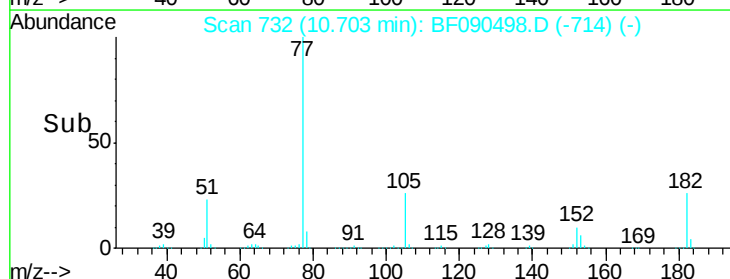
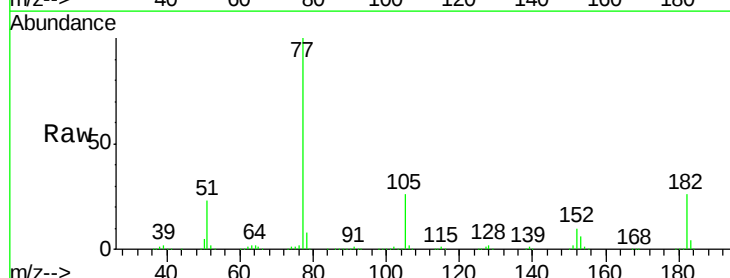
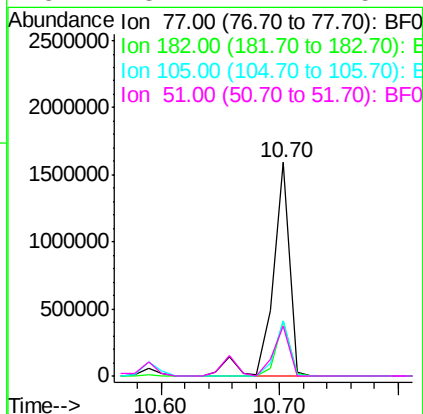
RT: 10.70 min Scan# 732

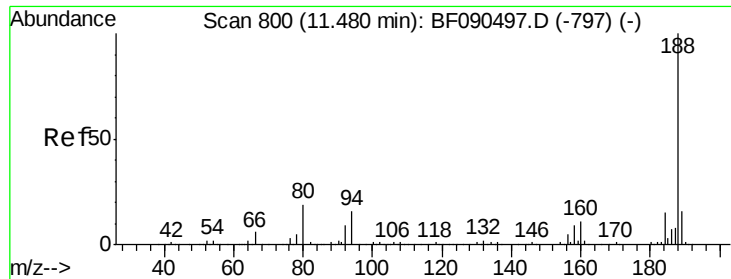
Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 77    | Resp: | 1580499 |
| Ion Ratio | Lower | Upper |         |
| 77        | 100   |       |         |
| 182       | 25.7  | 3.2   | 43.2    |
| 105       | 26.0  | 2.9   | 42.9    |
| 51        | 23.2  | 14.2  | 54.2    |





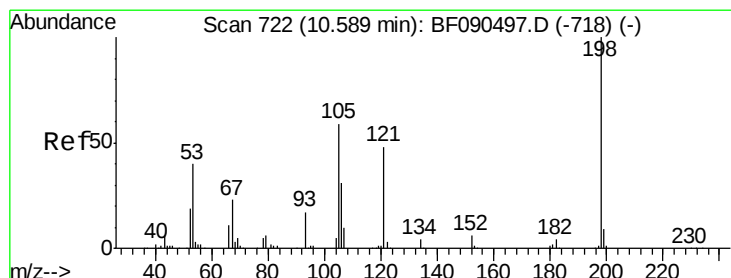
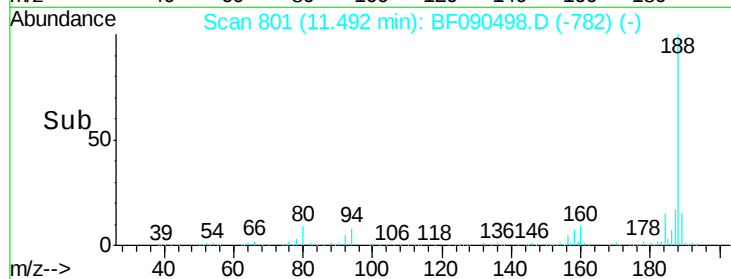
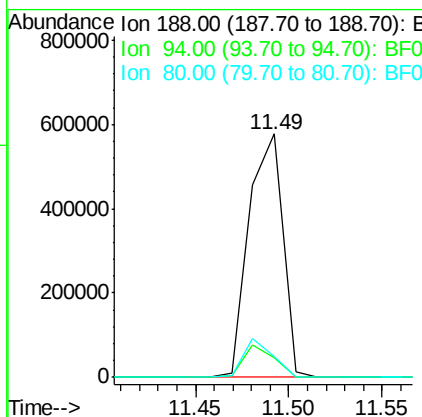
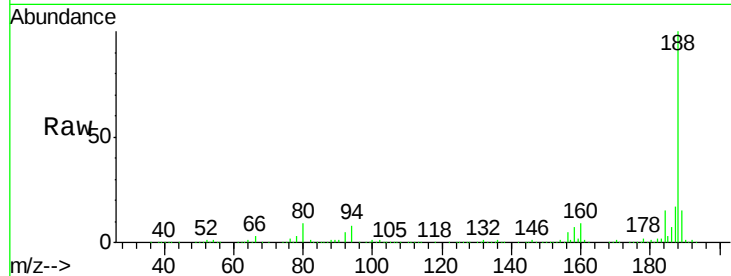
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.49 min Scan# 801  
 Delta R.T. 0.01 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 8.0   | 8.2        | 12.2# |
| 80      | 8.7   | 8.8        | 13.2# |

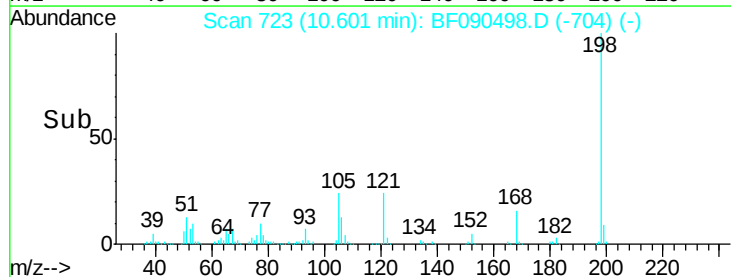
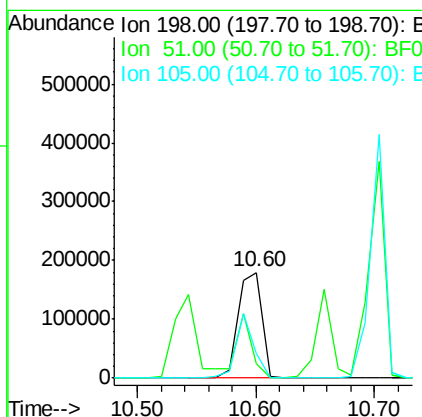
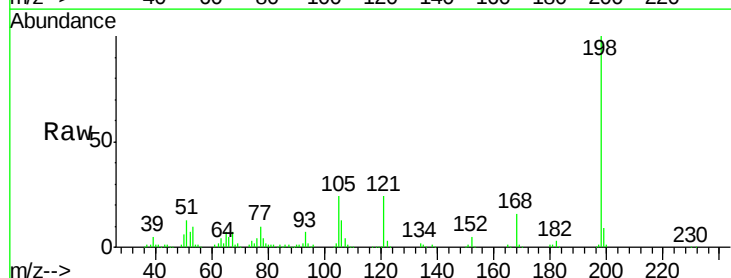
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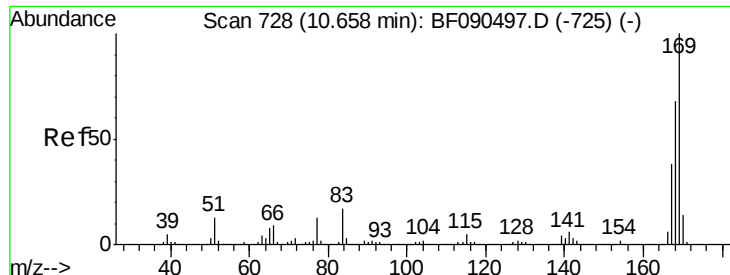
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 56.65 ng  
 RT: 10.60 min Scan# 723  
 Delta R.T. 0.01 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Resp Lower | Upper  |
|---------|-------|------------|--------|
| 198     | 100   |            |        |
| 51      | 13.2  | 67.3       | 107.3# |
| 105     | 23.9  | 42.6       | 82.6#  |





#65

n-Nitrosodiphenylamine

Concen: 43.92 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

ClientSampled :

SSTDICC050

Tot Ion:169 Resp: 1071013

Ion Ratio Lower Upper

169 100

168 68.2 53.8 80.6

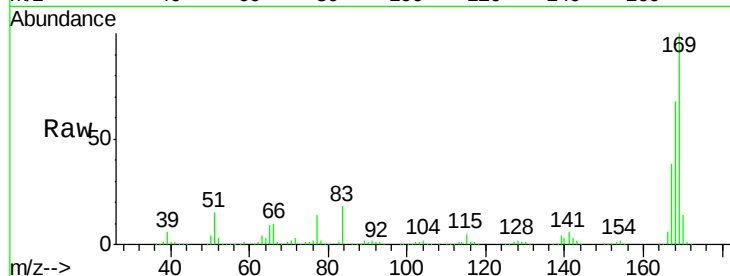
167 37.9 29.8 44.8

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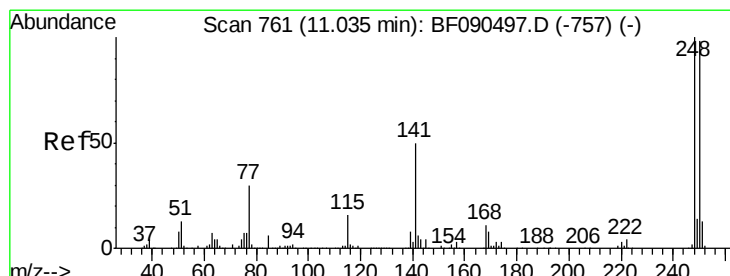
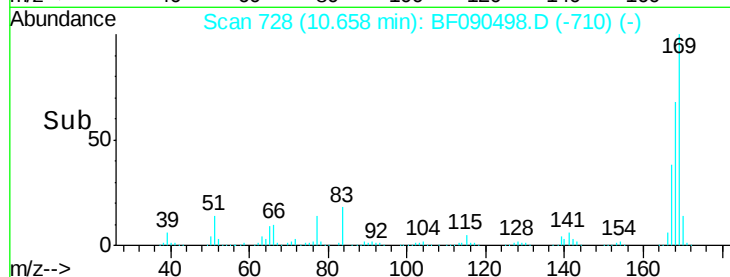
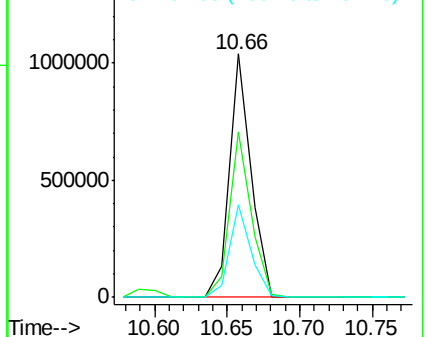
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 61.48 ng

RT: 11.03 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

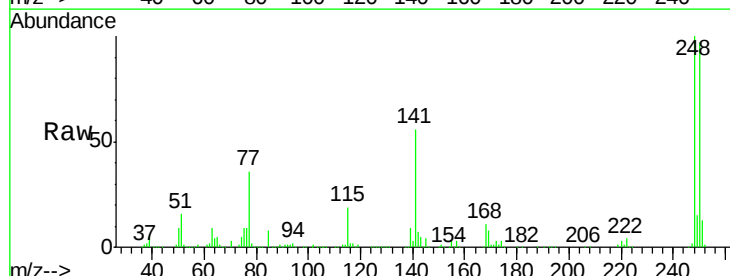
Tgt Ion:248 Resp: 438555

Ion Ratio Lower Upper

248 100

250 96.8 76.5 114.7

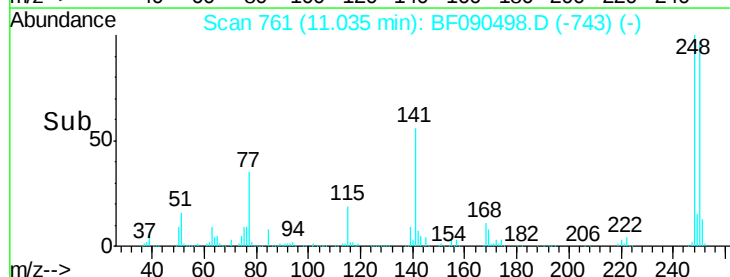
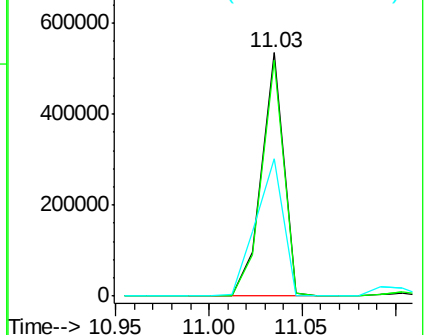
141 56.2 59.8 89.6#

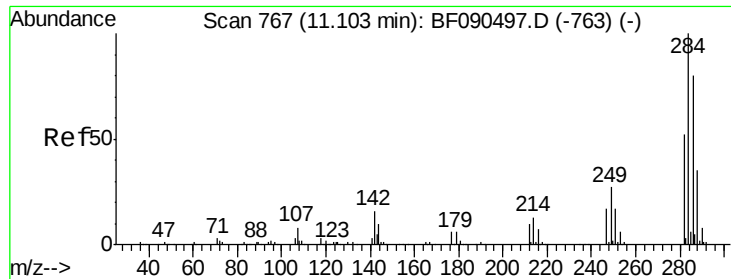


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 59.27 ng

RT: 11.10 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

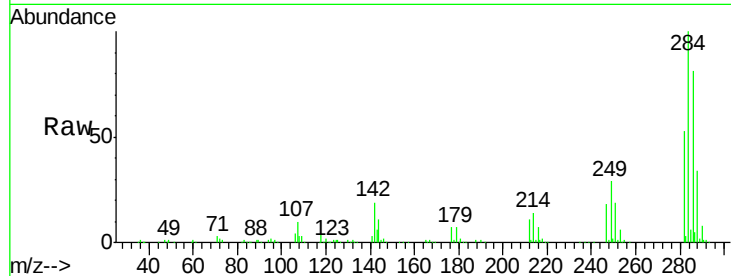
ClientSampleId :

SSTDIC050

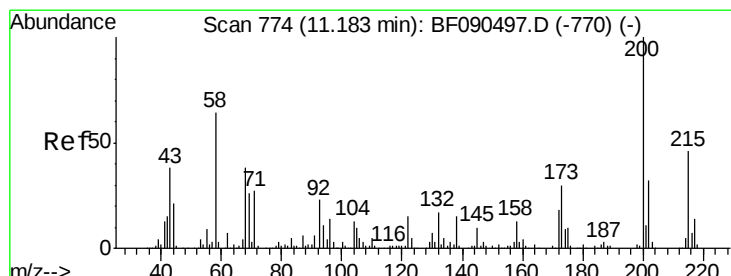
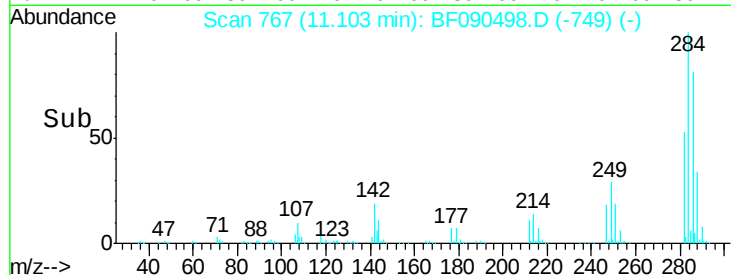
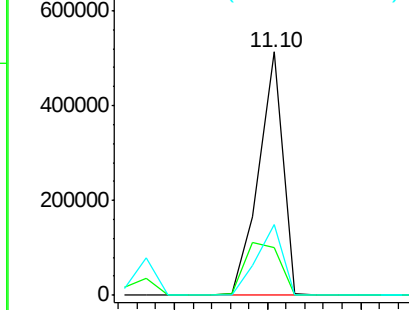
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 470810 |       |       |
| 142     | 19.4  | 23.1   | 34.7# |       |
| 249     | 29.0  | 26.3   | 39.5  |       |

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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: 54.20 ng

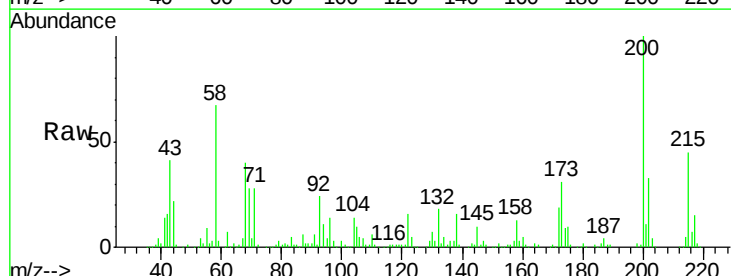
RT: 11.18 min Scan# 774

Delta R.T. 0.00 min

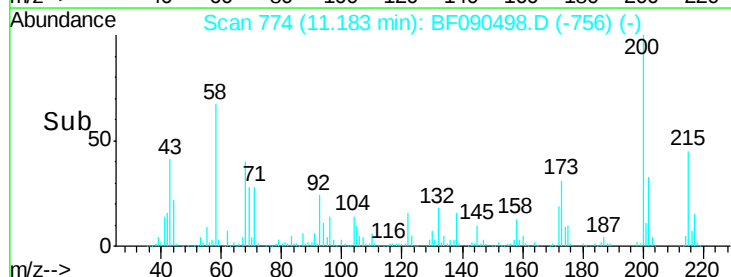
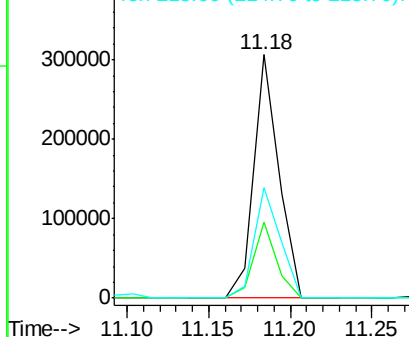
Lab File: BF090498.D

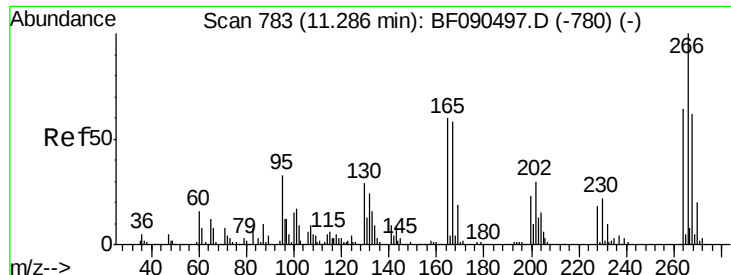
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 325904 |       |       |
| 173     | 31.4  | 9.0    | 49.0  |       |
| 215     | 45.2  | 24.8   | 64.8  |       |



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





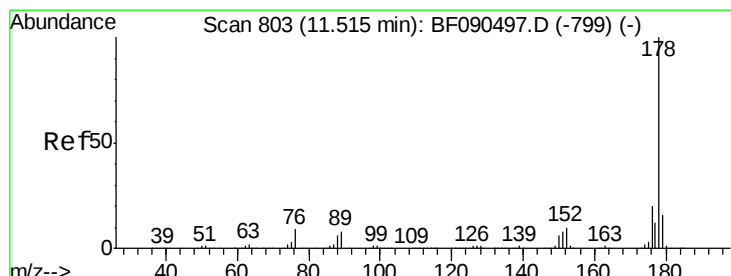
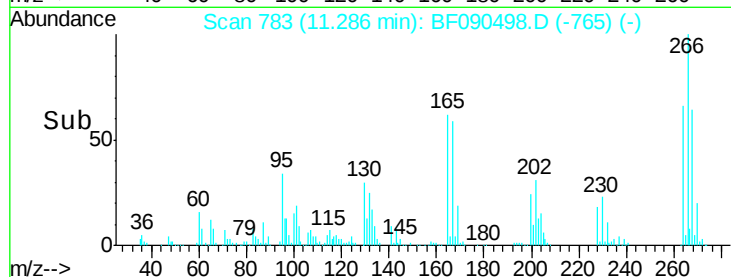
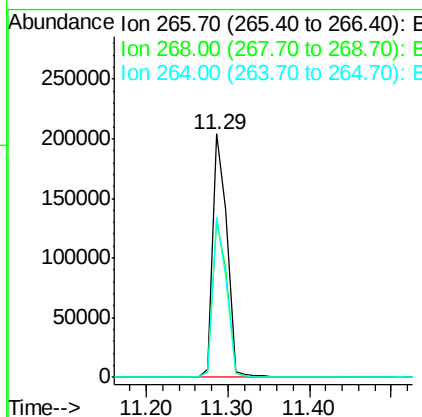
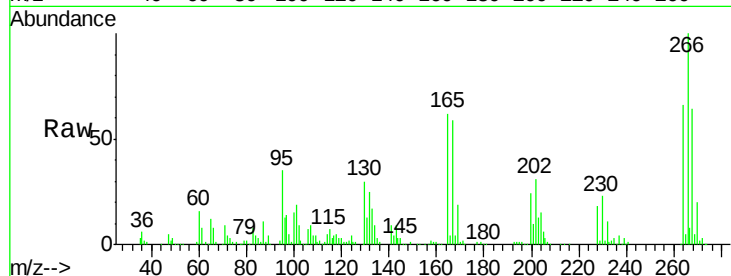
#69  
 Pentachlorophenol  
 Concen: 52.75 ng  
 RT: 11.29 min Scan# 783  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.1  | 50.9  | 76.3  |
| 264     | 65.9  | 51.5  | 77.3  |

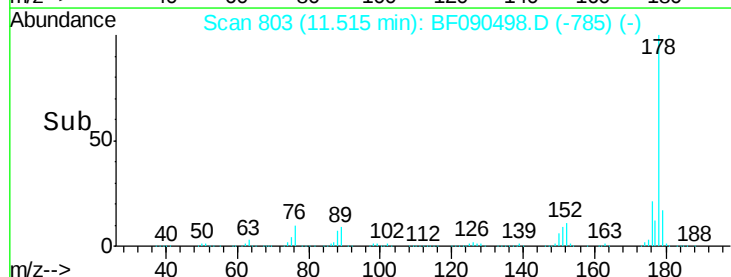
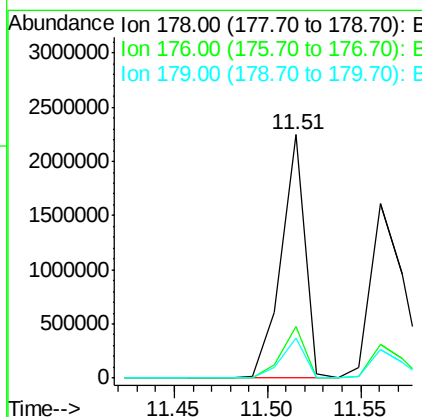
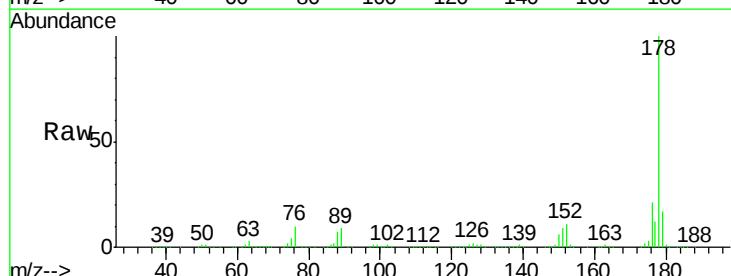
Manual Integrations  
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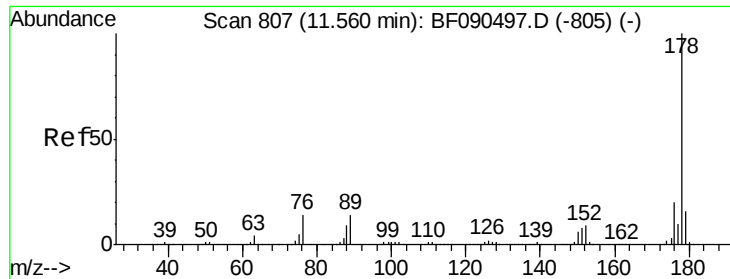
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#70  
 Phenanthrene  
 Concen: 53.52 ng  
 RT: 11.51 min Scan# 803  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.4  | 17.3  | 25.9  |
| 179     | 16.6  | 13.8  | 20.6  |





#71  
 Anthracene  
 Concen: 48.18 ng  
 RT: 11.56 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

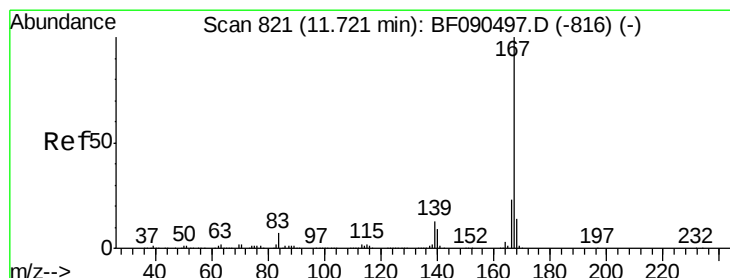
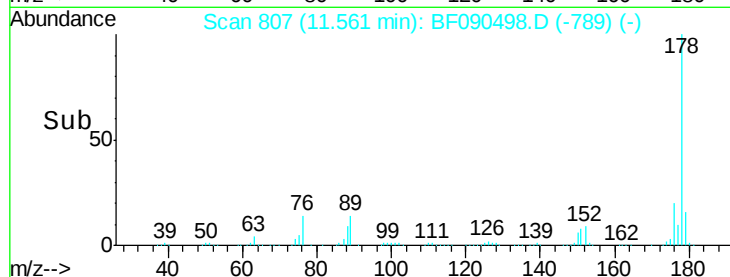
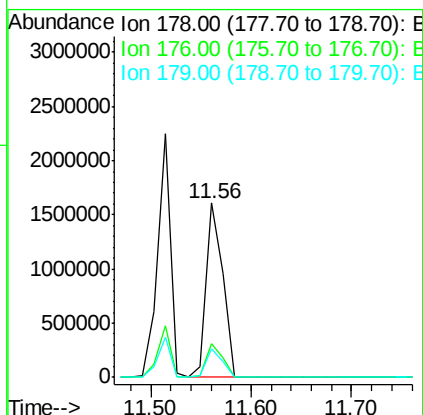
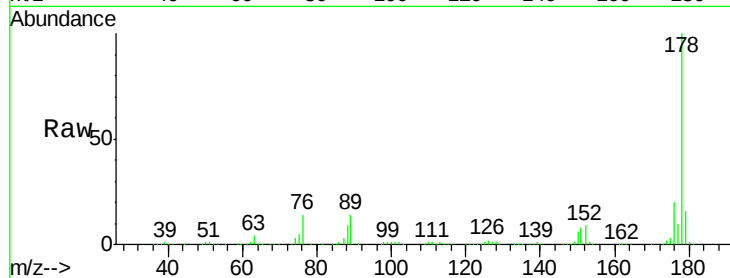
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:178 Resp: 1833246  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.7  | 16.8  | 25.2  |
| 179 | 16.5  | 13.4  | 20.2  |

Manual Integrations  
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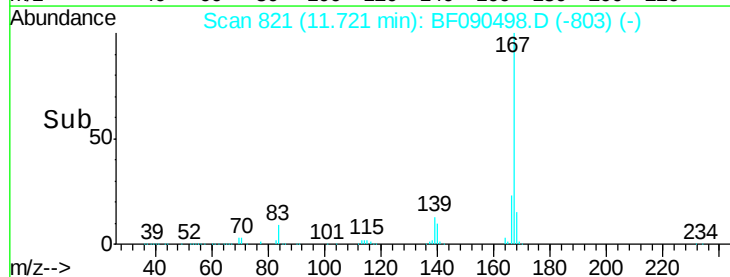
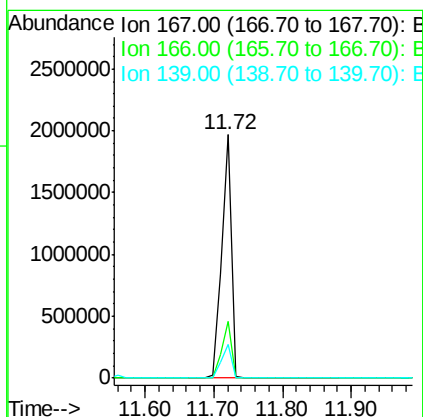
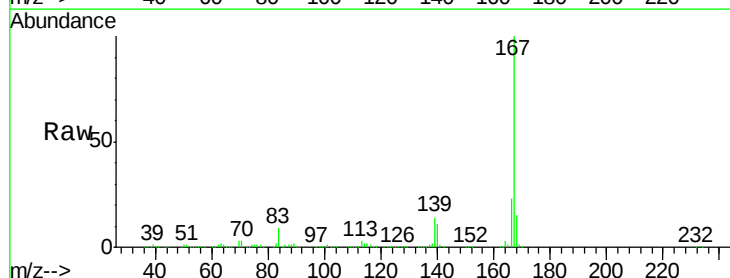
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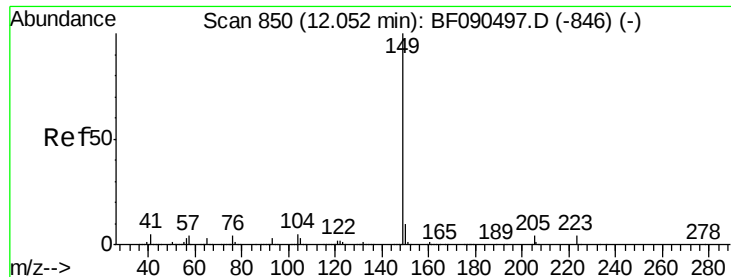


#72  
 Carbazole  
 Concen: 55.50 ng  
 RT: 11.72 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Tgt Ion:167 Resp: 1962007  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.1  | 19.1  | 28.7  |
| 139 | 13.9  | 12.1  | 18.1  |





#73

Di-n-butylphthalate

Concen: 54.16 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2330094

Ion Ratio Lower Upper

149 100

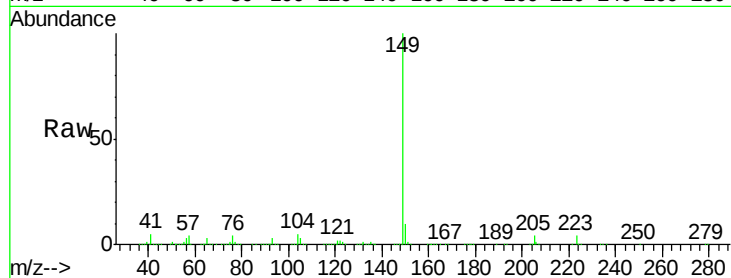
150 10.1 8.6 12.8

104 4.6 4.7 7.1#

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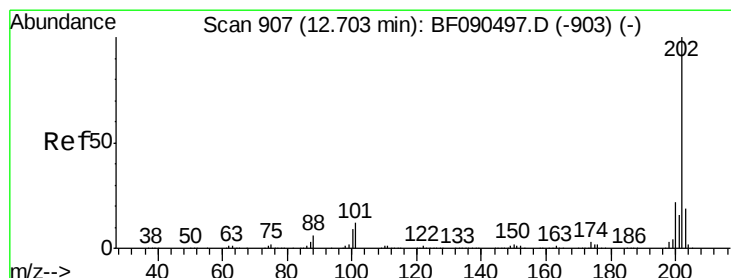
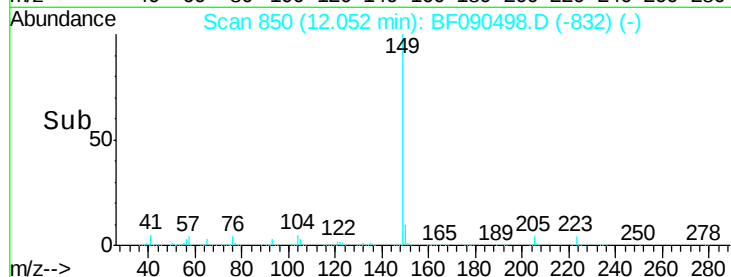
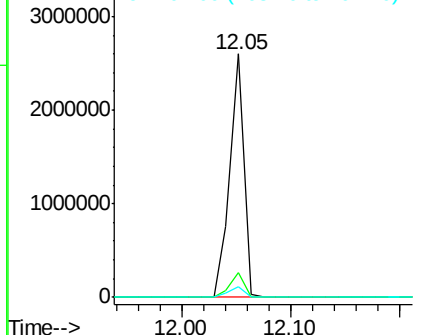
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.40 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

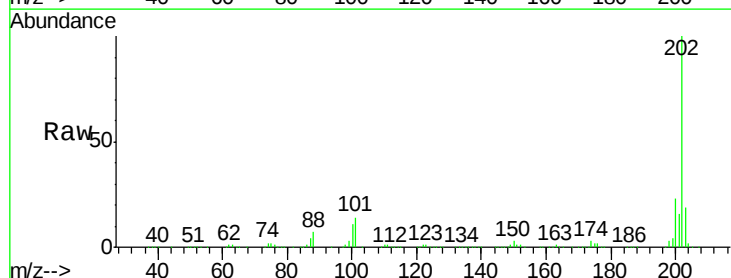
Tgt Ion:202 Resp: 2024843

Ion Ratio Lower Upper

202 100

101 14.3 0.0 37.2

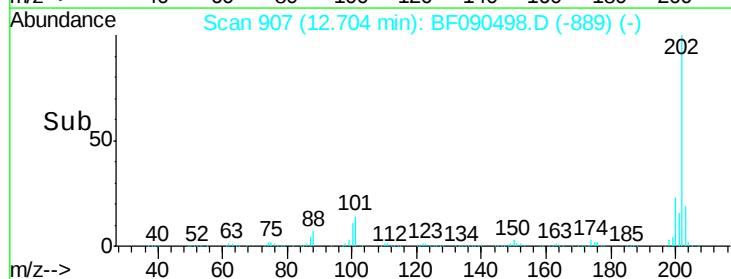
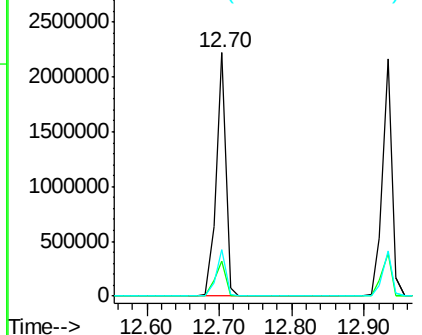
203 18.9 0.0 39.3

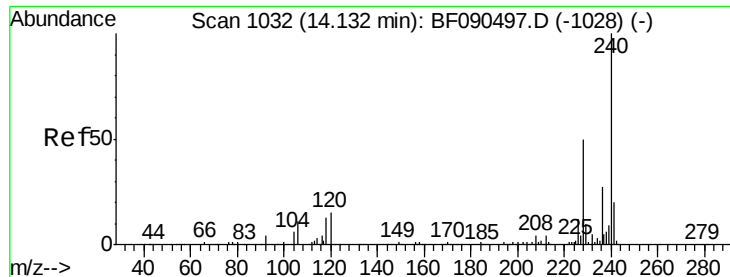


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

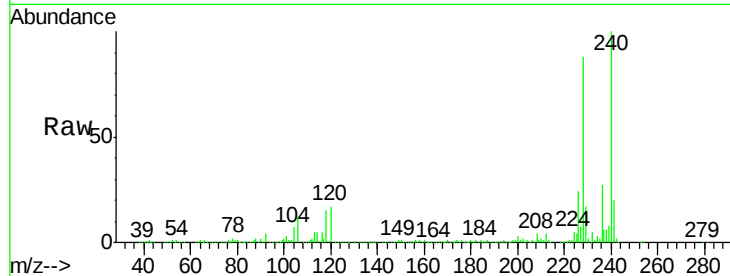
ClientSampleId :

SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 17.0  | 8.6   | 13.0  |
| 236     | 27.2  | 21.6  | 32.4  |

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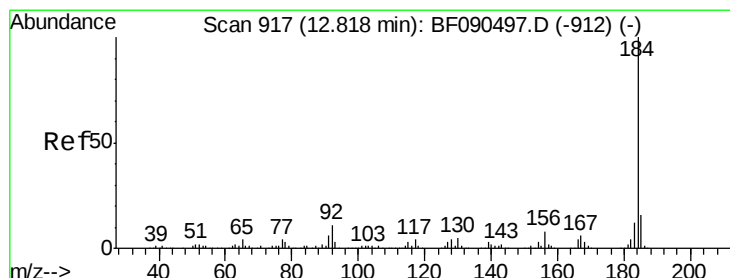
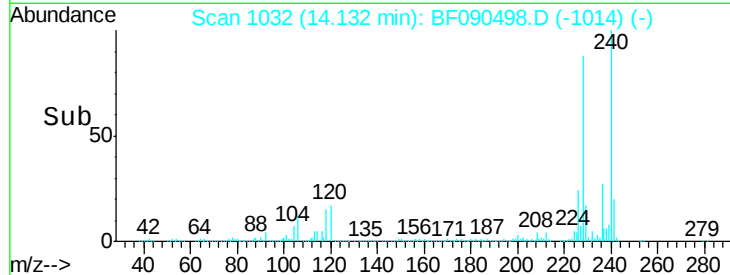
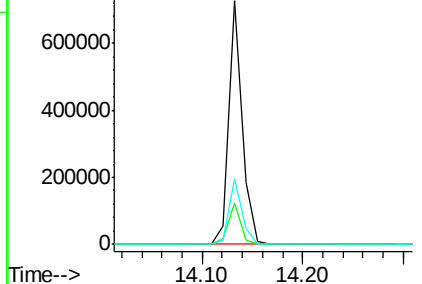
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.86 ng

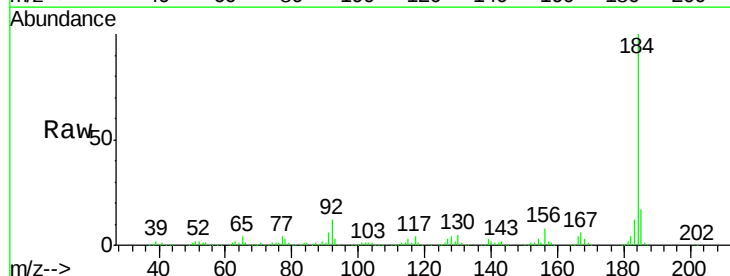
RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

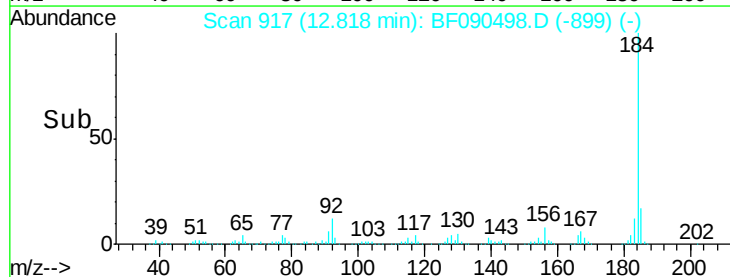
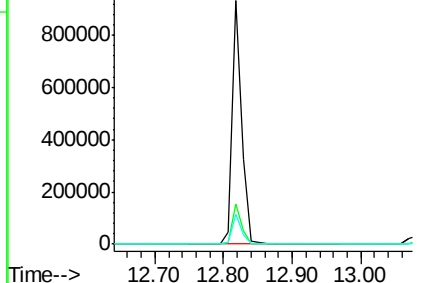
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.7  | 11.8  | 17.8  |
| 183     | 12.1  | 9.6   | 14.4  |

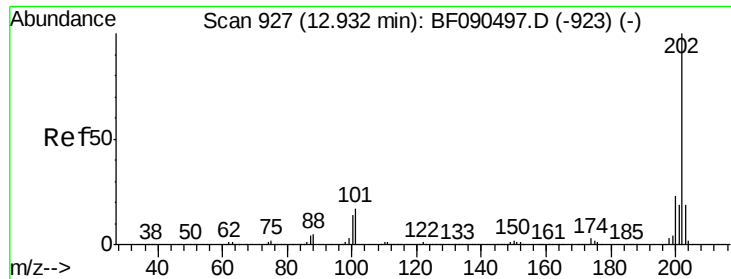


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





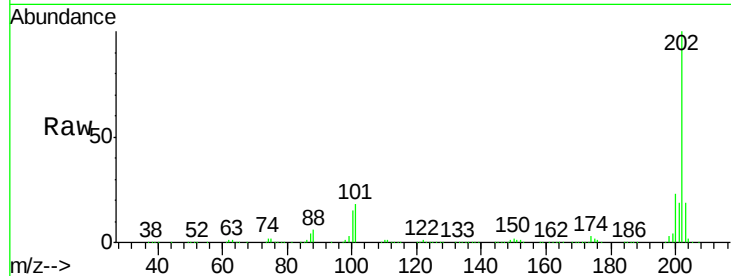
#77  
Pvrene  
Concen: 44.14 ng  
RT: 12.93 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

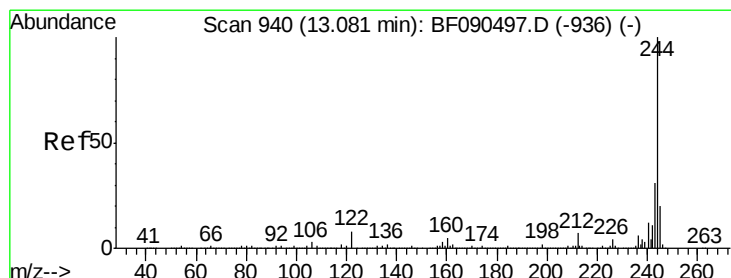
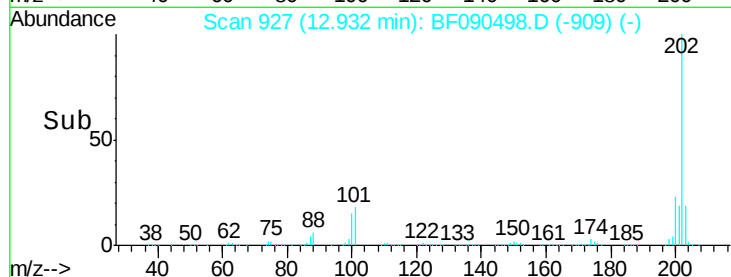
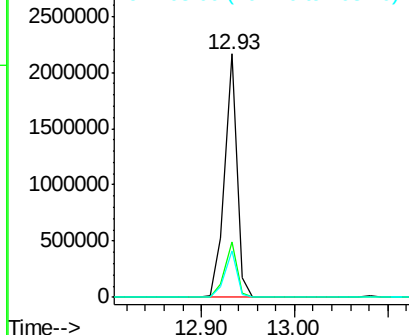
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.9  | 18.5  | 27.7  |
| 203     | 19.0  | 15.0  | 22.6  |

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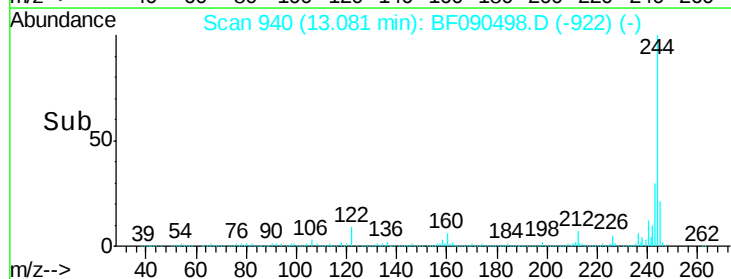
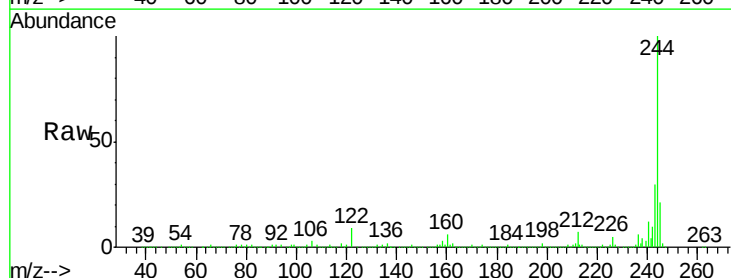
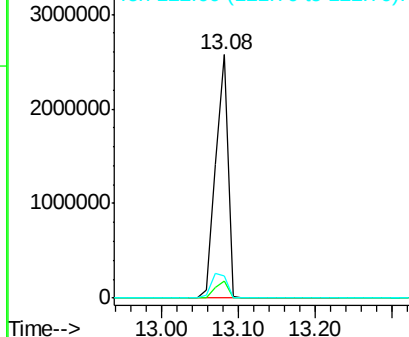
Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

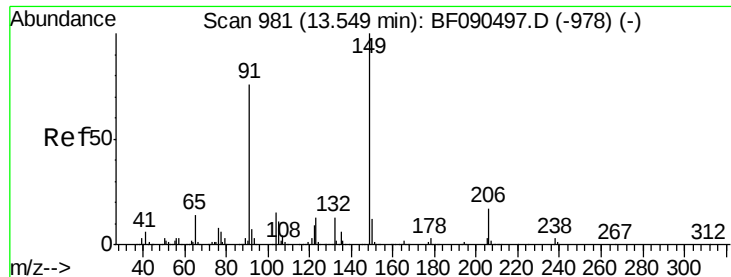


#78  
Terphenyl-d14  
Concen: 94.10 ng  
RT: 13.08 min Scan# 940  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 6.8   | 10.2  |
| 122     | 9.4   | 13.3  | 19.9# |

Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





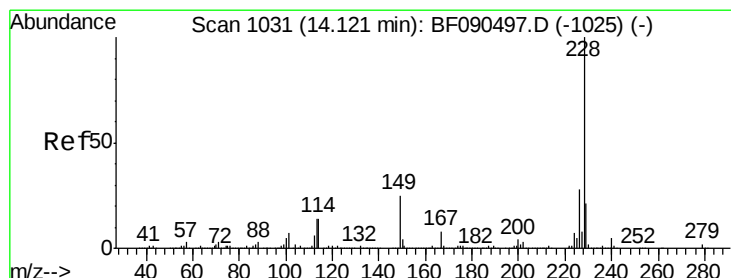
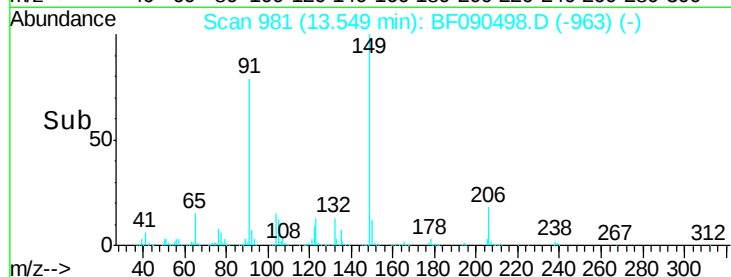
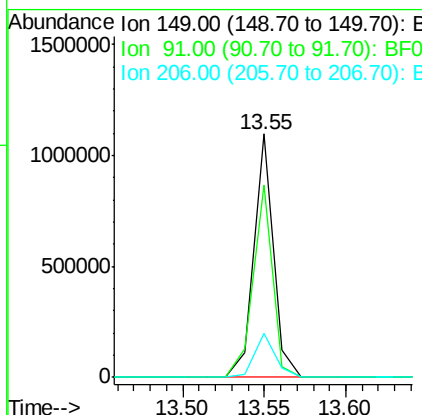
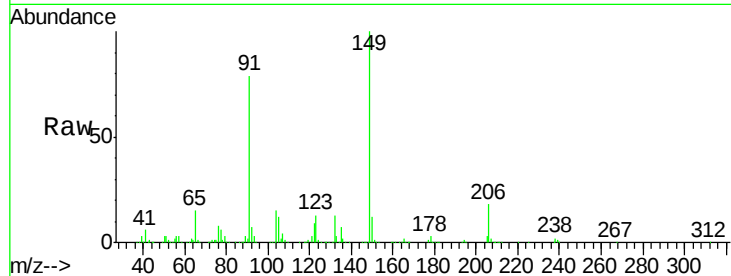
#79  
Butylbenzylphthalate  
Concen: 39.88 ng  
RT: 13.55 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 149     | 100  |       |       |       |       |
| 91      | 78.9 | 51.8  | 77.8# |       |       |
| 206     | 17.9 | 18.0  | 27.0# |       |       |

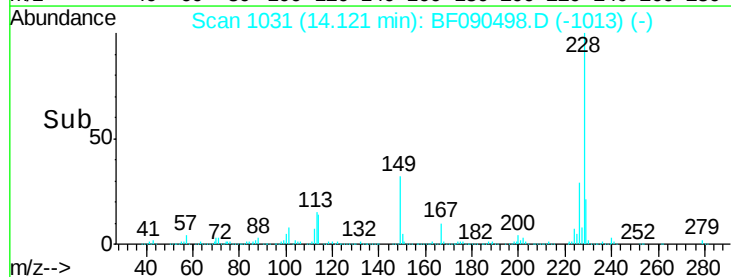
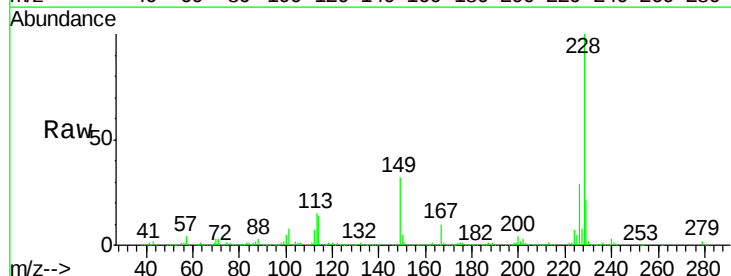
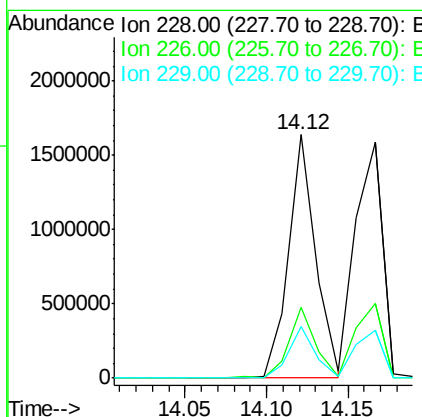
Manual Integrations  
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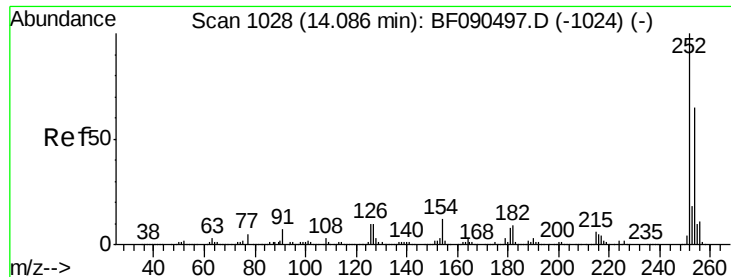
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#80  
Benzo(a)anthracene  
Concen: 50.55 ng  
RT: 14.12 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 228     | 100  |       |      |       |       |
| 226     | 29.2 | 23.6  | 35.4 |       |       |
| 229     | 21.1 | 16.6  | 25.0 |       |       |





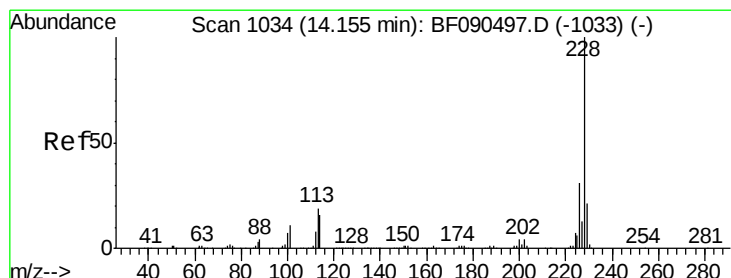
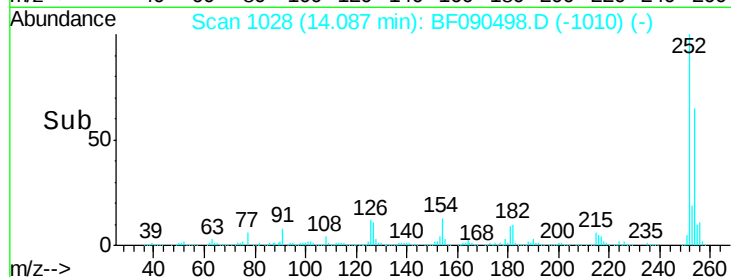
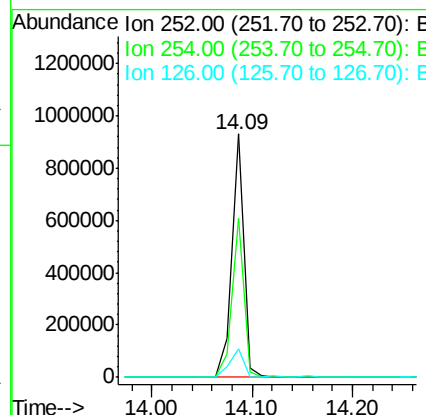
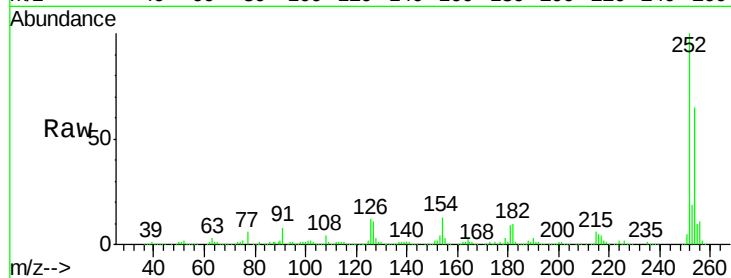
#81  
 3,3'-Dichlorobenzidine  
 Concen: 56.43 ng  
 RT: 14.09 min Scan# 1028  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.3  | 52.1  | 78.1  |
| 126     | 11.8  | 4.2   | 6.4   |

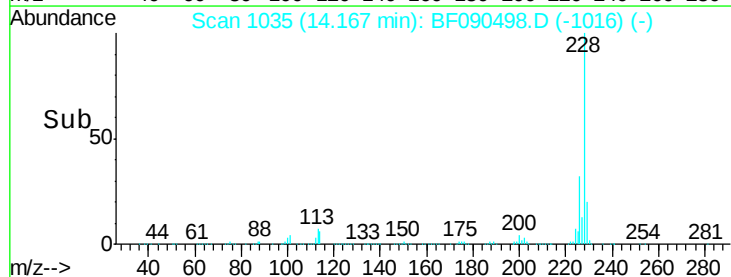
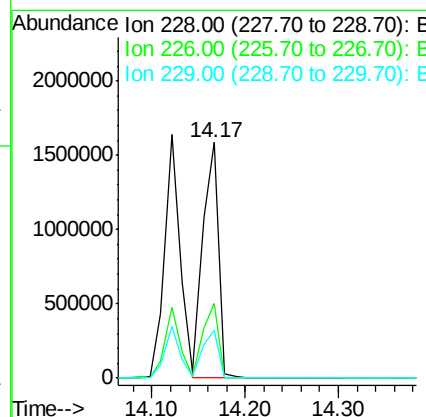
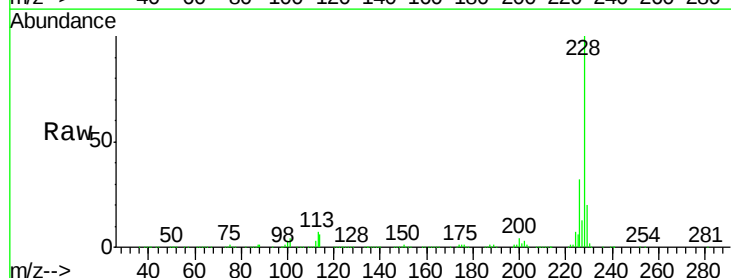
Manual Integrations  
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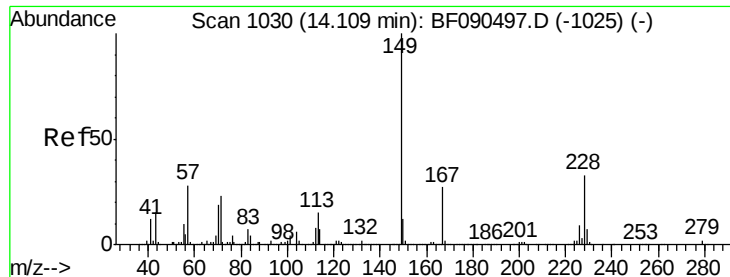
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#82  
 Chrysene  
 Concen: 53.59 ng  
 RT: 14.17 min Scan# 1035  
 Delta R.T. 0.01 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 25.8  | 38.6  |
| 229     | 20.4  | 16.9  | 25.3  |





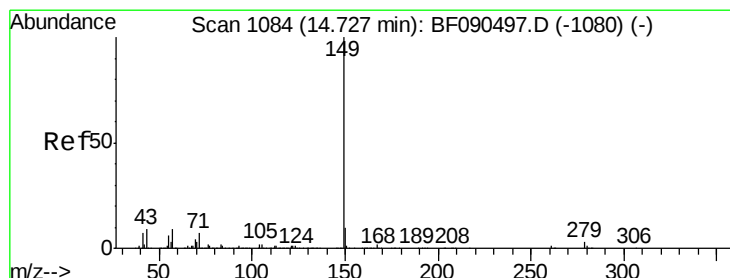
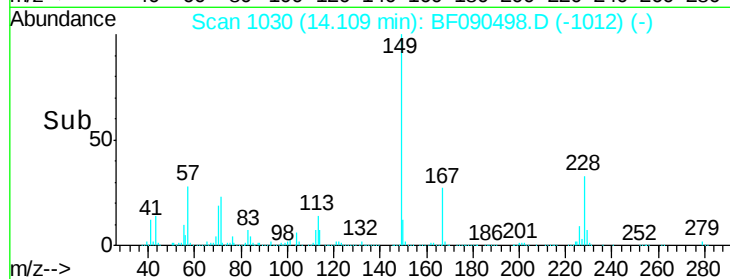
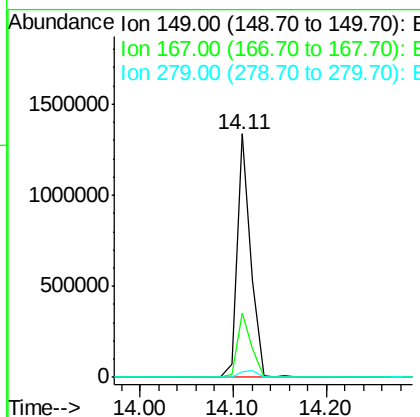
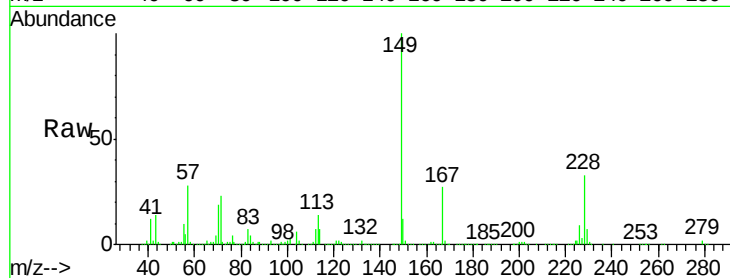
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.30 ng  
 RT: 14.11 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:149 Resp: 1349476  
 Ion Ratio Lower Upper  
 149 100  
 167 26.6 21.5 32.3  
 279 2.3 2.6 3.8#

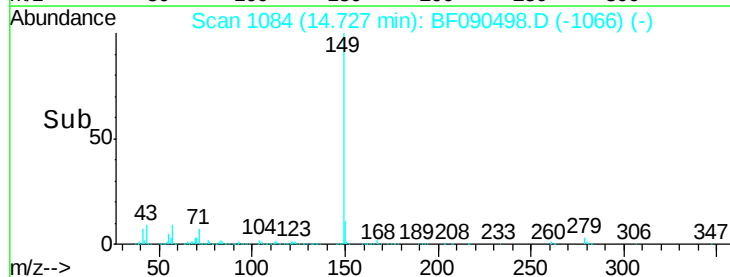
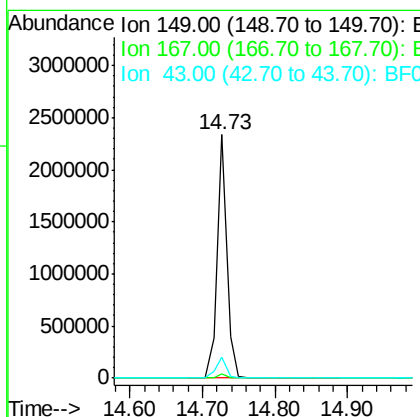
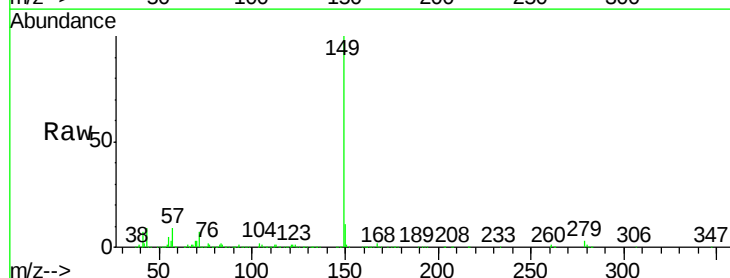
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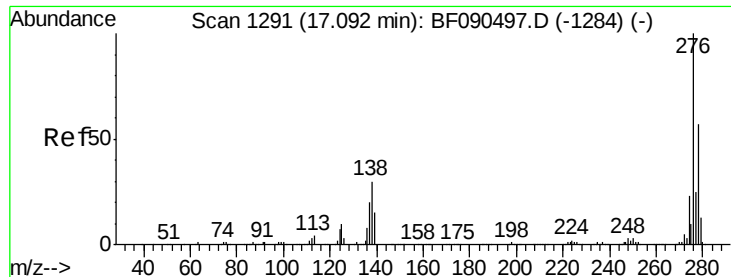
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#84  
 Di-n-octyl phthalate  
 Concen: 44.68 ng  
 RT: 14.73 min Scan# 1084  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Tgt Ion:149 Resp: 2164726  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 9.0 11.8 17.8#





#85

Indeno(1,2,3-cd)pyrene

Concen: 63.36 ng

RT: 17.09 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:276 Resp: 1567445

Ion Ratio Lower Upper

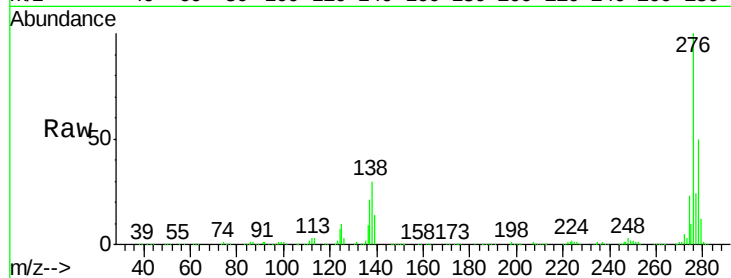
276 100

138 32.7 23.8 35.8

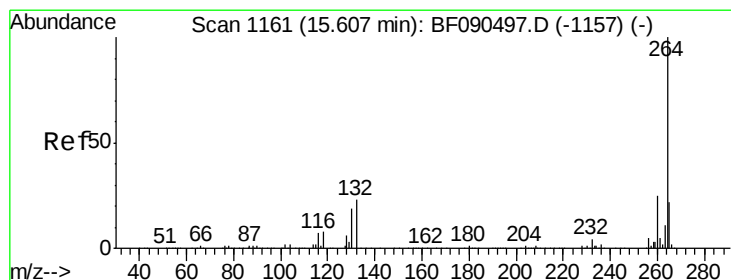
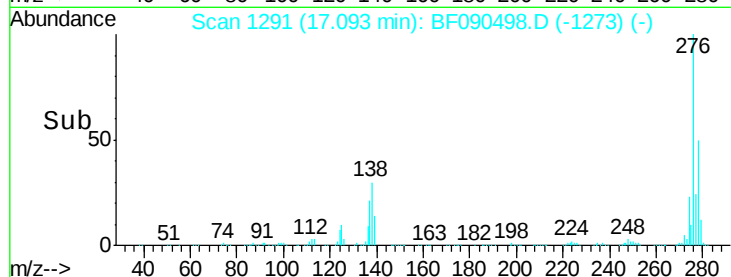
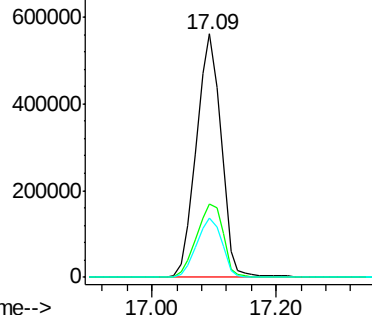
277 25.2 20.4 30.6

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.61 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

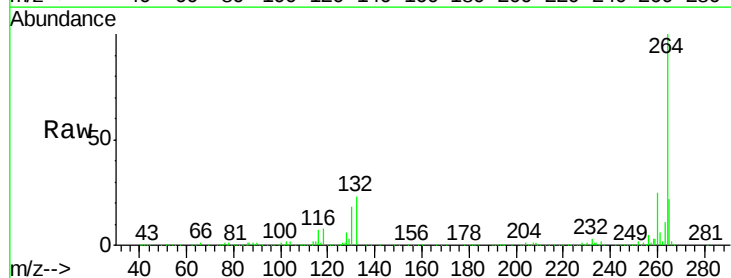
Tgt Ion:264 Resp: 548719

Ion Ratio Lower Upper

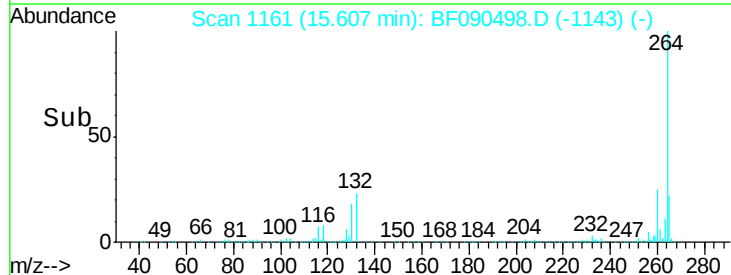
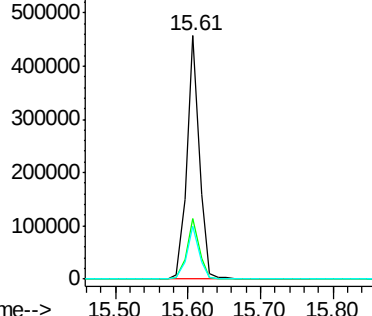
264 100

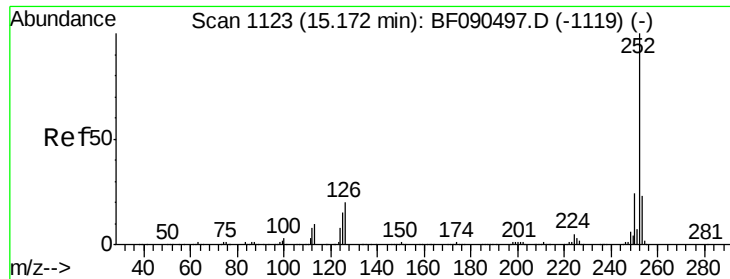
260 24.9 19.3 28.9

265 21.8 17.4 26.0



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





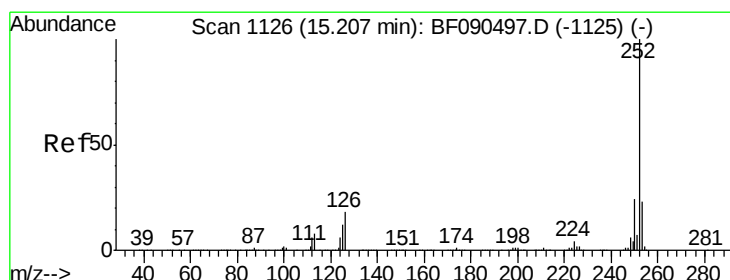
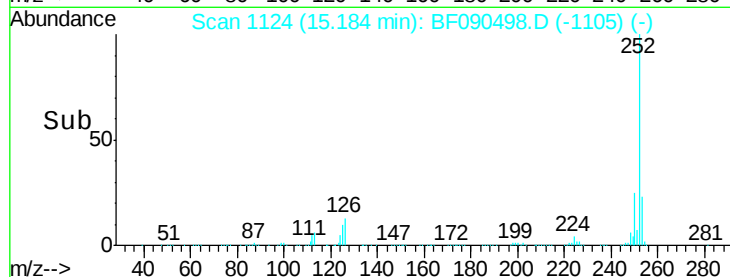
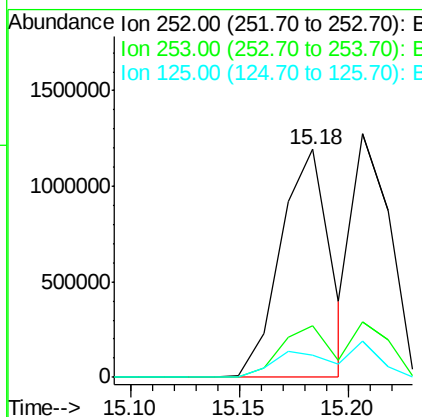
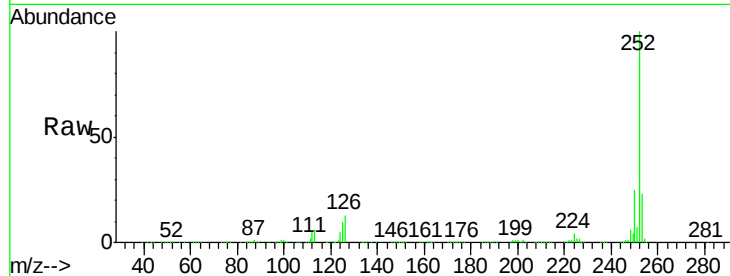
#87  
Benzo(b)fluoranthene  
Concen: 53.91 ng  
RT: 15.18 min Scan# 1124  
Delta R.T. 0.01 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.2  | 27.2  |
| 125     | 9.9   | 7.0   | 10.4  |

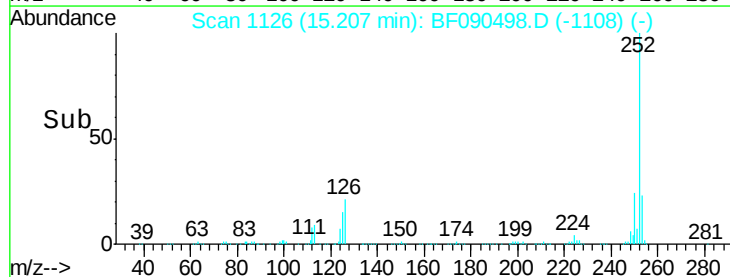
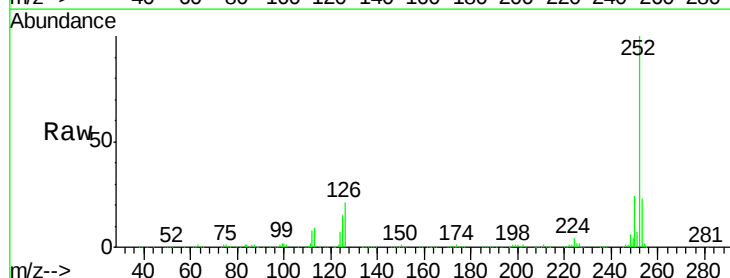
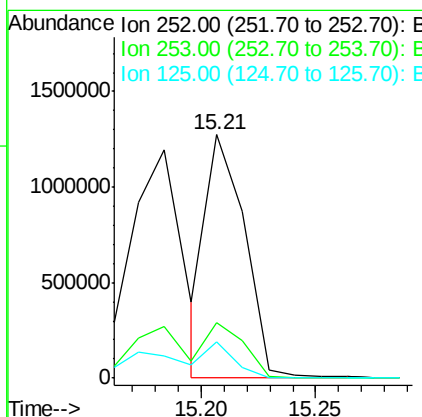
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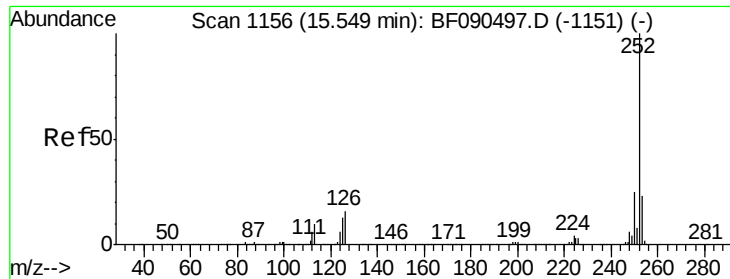
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#88  
Benzo(k)fluoranthene  
Concen: 46.36 ng m  
RT: 15.21 min Scan# 1126  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.6  | 27.8  |
| 125     | 14.9  | 11.7  | 17.5  |





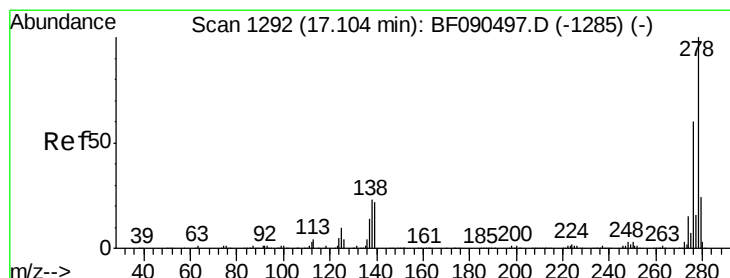
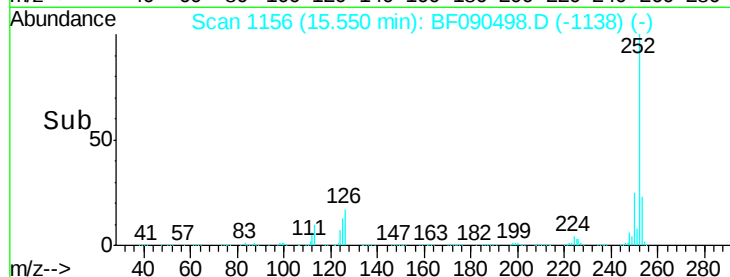
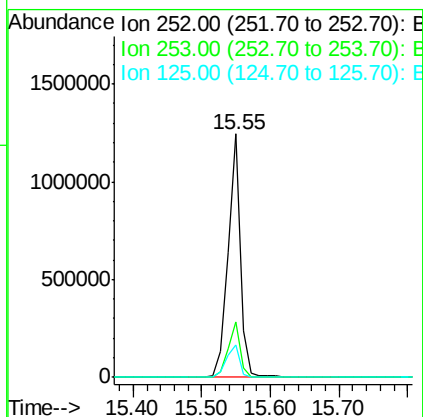
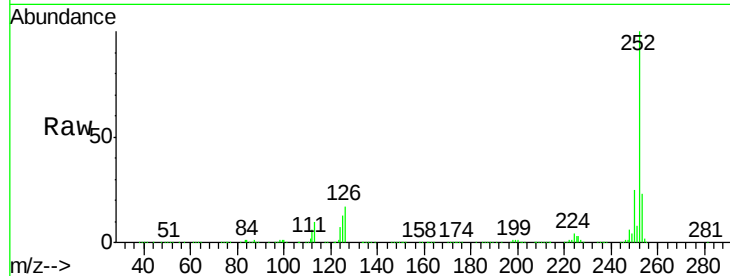
#89  
Benzo(a)pyrene  
Concen: 52.63 ng  
RT: 15.55 min Scan# 1156  
Delta R.T. 0.00 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.4  |
| 125     | 13.4  | 9.8   | 14.8  |

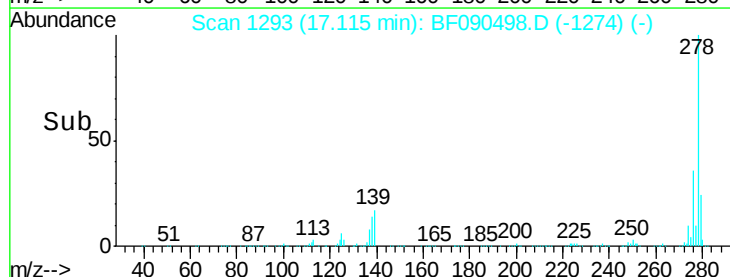
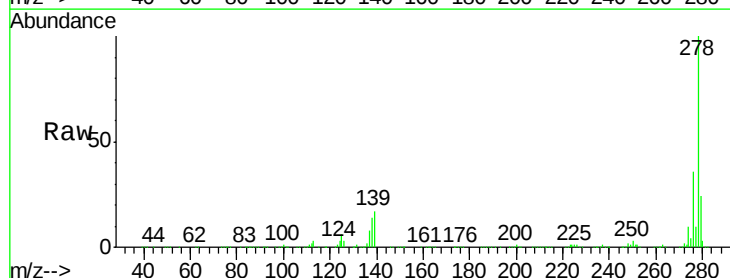
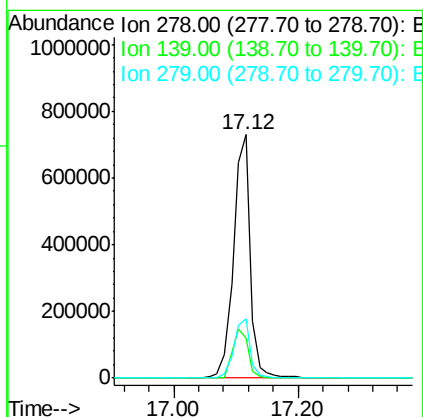
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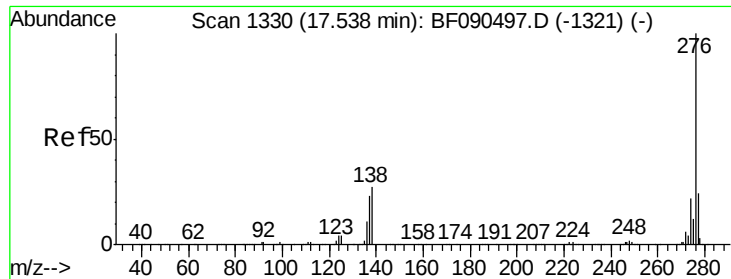
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#90  
Dibenzo(a,h)anthracene  
Concen: 53.59 ng  
RT: 17.12 min Scan# 1293  
Delta R.T. 0.01 min  
Lab File: BF090498.D  
Acq: 11 Oct 2016 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.7  | 12.8  | 19.2  |
| 279     | 24.3  | 19.6  | 29.4  |





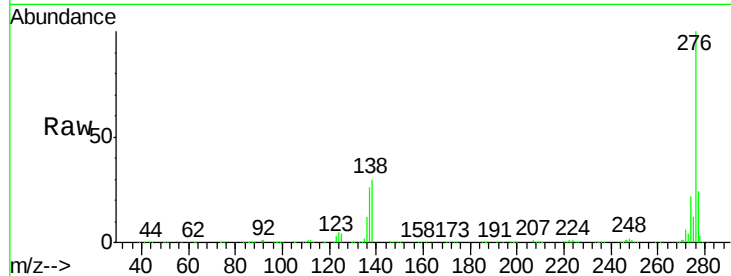
#91  
 Benzo(a,h,i)perylene  
 Concen: 51.07 ng  
 RT: 17.54 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: BF090498.D  
 Acq: 11 Oct 2016 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 19.4  | 29.0  |
| 138     | 29.7  | 20.8  | 31.2  |

Manual Integrations  
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

