

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\  
 Data File : BF089760.D  
 Acq On : 17 Aug 2016 14:03  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

sohil  
 8/18/2016 5:59:00 PM

Quant Time: Aug 17 16:01:39 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 19:45:04 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 713304   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 2879201  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.75  | 164  | 1413873  | 20.00 | ng    | 0.01     |
| 63) Phenanthrene-d10      | 11.22 | 188  | 2523895  | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 13.87 | 240  | 1936594  | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.35 | 264  | 1789951  | 20.00 | ng    | -0.06    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.28  | 112 | 3454139 | 80.80 | ng | 0.00 |
| 7) Phenol-d6             | 6.34  | 99  | 4211977 | 77.46 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.27  | 82  | 4007906 | 85.00 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.52 | 330 | 993262  | 72.62 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.07  | 172 | 5400263 | 61.29 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.81 | 244 | 5173699 | 79.81 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.22 | 88  | 828234  | 37.53 | ng | 97     |
| 3) Pyridine                    | 2.86 | 79  | 2217594 | 38.99 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.82 | 42  | 875623  | 38.36 | ng | # 86   |
| 6) Aniline                     | 6.36 | 93  | 2832573 | 38.75 | ng | 99     |
| 8) 2-Chlorophenol              | 6.48 | 128 | 1940131 | 38.15 | ng | 98     |
| 9) Benzaldehyde                | 6.24 | 77  | 1338944 | 37.15 | ng | 93     |
| 10) Phenol                     | 6.35 | 94  | 2654278 | 39.22 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 1936090 | 38.61 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.64 | 146 | 2011214 | 37.00 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 2121341 | 38.53 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.88 | 146 | 2058022 | 39.20 | ng | 98     |
| 15) Benzyl Alcohol             | 6.86 | 79  | 1408142 | 38.75 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45  | 2437481 | 37.05 | ng | 93     |
| 17) 2-Methylphenol             | 6.97 | 107 | 1722819 | 42.64 | ng | 96     |
| 18) Hexachloroethane           | 7.22 | 117 | 834176  | 41.33 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70  | 1325462 | 37.22 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 2022857 | 39.10 | ng | 96     |
| 22) Acetophenone               | 7.12 | 105 | 2505397 | 37.44 | ng | 93     |
| 24) Nitrobenzene               | 7.29 | 77  | 1981891 | 37.37 | ng | 98     |
| 25) Isophorone                 | 7.54 | 82  | 3788303 | 40.15 | ng | # 90   |
| 26) 2-Nitrophenol              | 7.61 | 139 | 1172780 | 46.99 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.66 | 122 | 1990268 | 42.07 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 2345003 | 40.90 | ng | # 95   |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 1659400 | 42.13 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180 | 1669174 | 39.48 | ng | 99     |
| 31) Naphthalene                | 8.01 | 128 | 4724990 | 36.56 | ng | 95     |
| 32) Benzoic acid               | 7.79 | 122 | 1559404 | 42.40 | ng | 99     |
| 33) 4-Chloroaniline            | 8.07 | 127 | 2559344 | 42.80 | ng | # 96   |
| 34) Hexachlorobutadiene        | 8.14 | 225 | 859412  | 38.69 | ng | 100    |
| 35) Caprolactam                | 8.46 | 113 | 537353  | 44.27 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 1592998 | 37.15 | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.71 | 142 | 3760526 | 42.75 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 1597452 | 35.14 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.87 | 237 | 817614  | 40.36 | ng | 97     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\  
 Data File : BF089760.D  
 Acq On : 17 Aug 2016 14:03  
 Operator : UM/SJ  
 Sample : SSTDC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC040

Manual Integrations  
 APPROVED

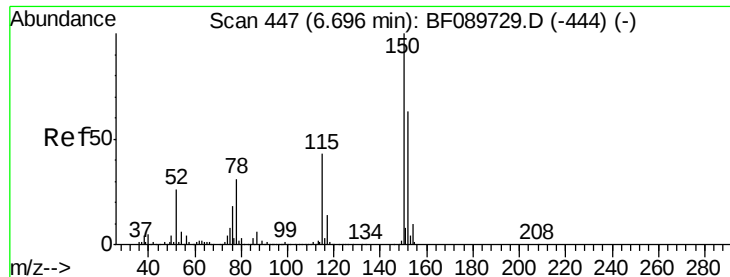
sohil  
 8/18/2016 5:59:00 PM

Quant Time: Aug 17 16:01:39 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 19:45:04 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.98  | 196  | 1179699  | 40.18 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.02  | 196  | 1065137  | 38.05 | nq #  | 91       |
| 45) 1,1'-Biphenyl              | 9.18  | 154  | 4425400  | 37.79 | nq    | 93       |
| 46) 2-Chloronaphthalene        | 9.19  | 162  | 3155875  | 35.97 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.29  | 65   | 1197600  | 44.79 | nq #  | 73       |
| 48) Acenaphthylene             | 9.60  | 152  | 5274533  | 39.05 | nq    | 97       |
| 49) Dimethylphthalate          | 9.48  | 163  | 4186546  | 40.92 | nq #  | 98       |
| 50) 2,6-Dinitrotoluene         | 9.53  | 165  | 840782   | 36.31 | nq #  | 83       |
| 51) Acenaphthene               | 9.78  | 154  | 3633544  | 39.86 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.70  | 138  | 1245332  | 46.26 | nq    | 84       |
| 53) 2,4-Dinitrophenol          | 9.79  | 184  | 410507   | 40.59 | nq #  | 81       |
| 54) Dibenzofuran               | 9.94  | 168  | 4239532  | 37.80 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.86  | 139  | 929283   | 44.87 | nq #  | 79       |
| 56) 2,4-Dinitrotoluene         | 9.93  | 165  | 1116599  | 37.52 | nq #  | 67       |
| 57) Fluorene                   | 10.28 | 166  | 3165058  | 34.92 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 902516   | 41.28 | nq    | 94       |
| 59) Diethylphthalate           | 10.18 | 149  | 4153039  | 40.04 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.28 | 204  | 1372459  | 30.85 | nq    | 92       |
| 61) 4-Nitroaniline             | 10.31 | 138  | 1092851  | 41.81 | nq    | 96       |
| 62) Azobenzene                 | 10.44 | 77   | 3841198  | 39.19 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.34 | 198  | 672597   | 45.90 | nq #  | 63       |
| 65) n-Nitrosodiphenylamine     | 10.41 | 169  | 3419102  | 43.17 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.78 | 248  | 1101839  | 42.15 | nq #  | 88       |
| 67) Hexachlorobenzene          | 10.83 | 284  | 1149050  | 39.55 | nq #  | 85       |
| 68) Atrazine                   | 10.94 | 200  | 863147   | 35.98 | nq    | 97       |
| 69) Pentachlorophenol          | 11.03 | 266  | 768137   | 42.43 | nq    | 99       |
| 70) Phenanthrene               | 11.24 | 178  | 4993217  | 40.25 | nq    | 92       |
| 71) Anthracene                 | 11.29 | 178  | 4673312  | 36.05 | nq    | 96       |
| 72) Carbazole                  | 11.45 | 167  | 4670742  | 38.03 | nq    | 95       |
| 73) Di-n-butylphthalate        | 11.79 | 149  | 5697577  | 38.14 | nq    | 97       |
| 74) Fluoranthene               | 12.42 | 202  | 4453445  | 35.73 | nq    | 91       |
| 76) Benzidine                  | 12.55 | 184  | 2679247  | 38.55 | nq    | 98       |
| 77) Pyrene                     | 12.65 | 202  | 4791237  | 37.81 | nq    | 92       |
| 79) Butylbenzylphthalate       | 13.29 | 149  | 2528160  | 39.76 | nq #  | 84       |
| 80) Benzo(a)anthracene         | 13.86 | 228  | 4436313  | 39.43 | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 13.84 | 252  | 1778130  | 43.37 | nq #  | 92       |
| 82) Chrysene                   | 13.91 | 228  | 4067081  | 40.16 | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 13.89 | 149  | 3385193  | 40.23 | nq #  | 98       |
| 84) Di-n-octyl phthalate       | 14.56 | 149  | 5587686  | 42.73 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.65 | 276  | 3609767  | 41.84 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.96 | 252  | 3792998m | 33.44 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.99 | 252  | 3935734m | 42.16 | nq    |          |
| 89) Benzo(a)pyrene             | 15.29 | 252  | 3541889  | 37.83 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.67 | 278  | 2951556  | 40.03 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.04 | 276  | 2931504  | 39.07 | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

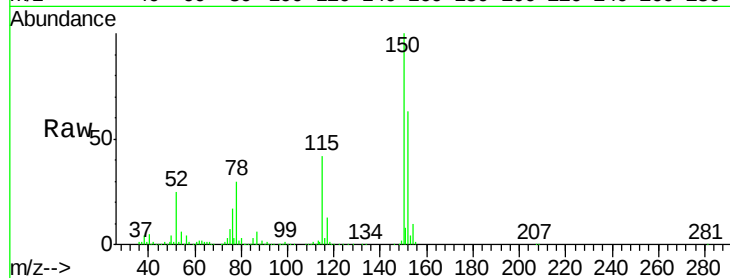
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.2 | 125.3 | 187.9 |
| 115     | 66.5  | 40.9  | 61.3  |

Manual Integrations  
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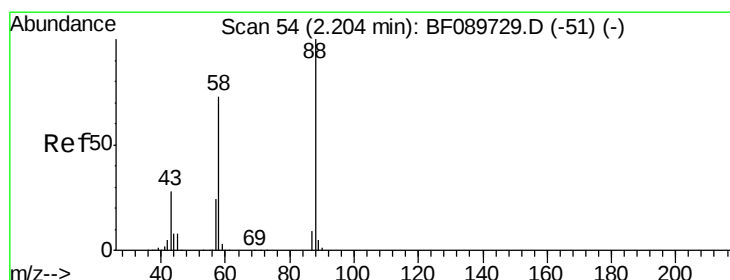
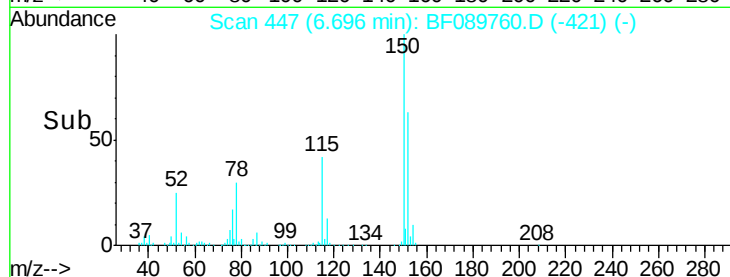
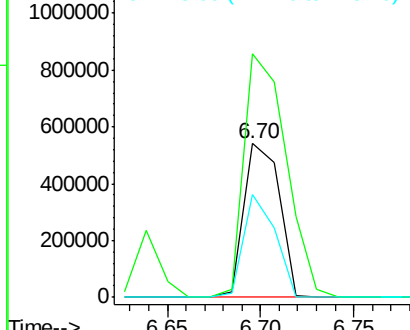
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.53 ng

RT: 2.22 min Scan# 55

Delta R.T. 0.01 min

Lab File: BF089760.D

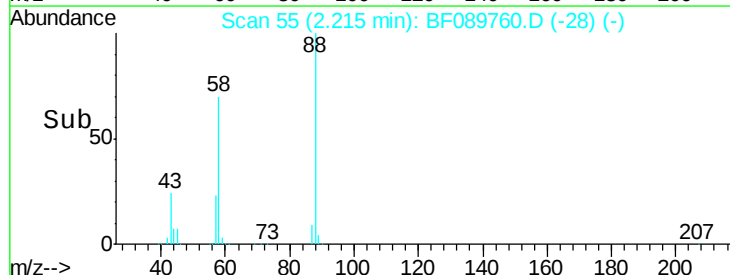
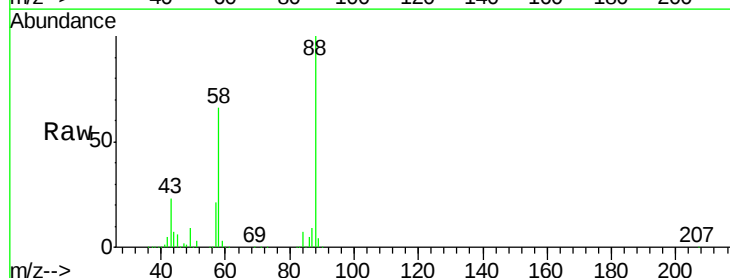
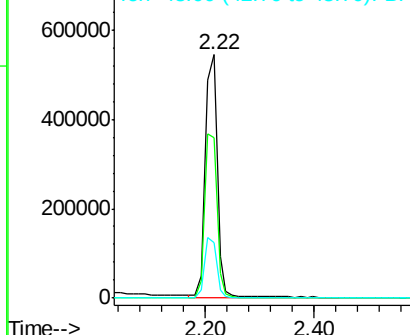
Acq: 17 Aug 2016 14:03

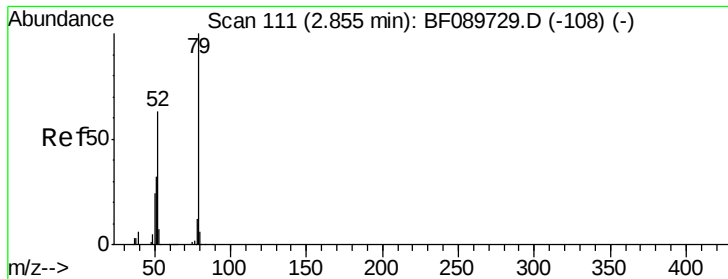
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.3  | 57.0  | 85.4  |
| 43      | 25.1  | 21.8  | 32.8  |

Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.99 ng

RT: 2.86 min Scan# 111

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 2217594

Ion Ratio Lower Upper

79 100

52 64.6 53.6 80.4

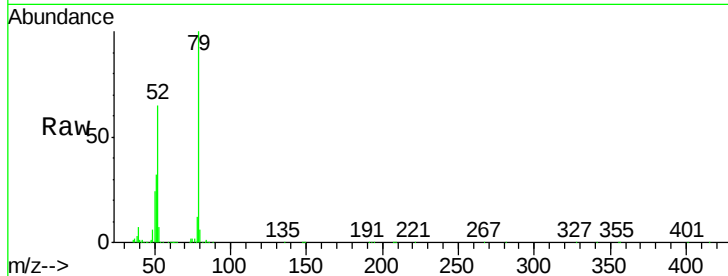
51 31.7 26.6 39.8

Manual Integrations

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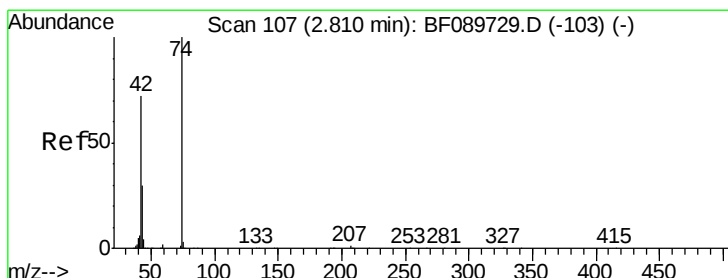
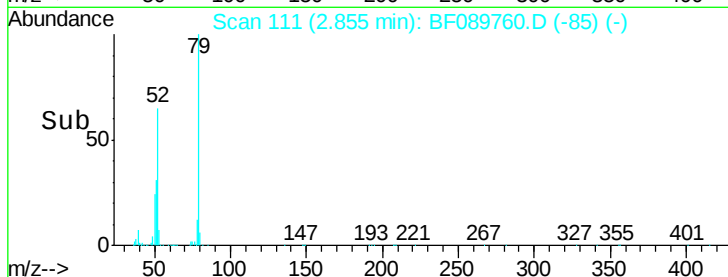
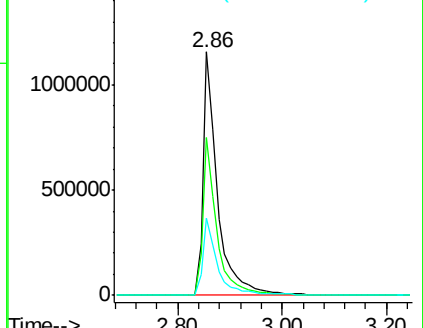
8/18/2016 5:59:00 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.36 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

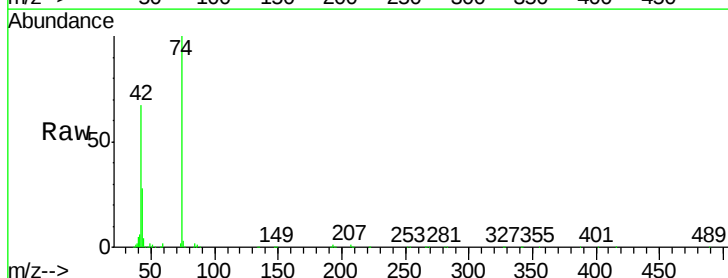
Tgt Ion: 42 Resp: 875623

Ion Ratio Lower Upper

42 100

74 149.5 106.2 159.2

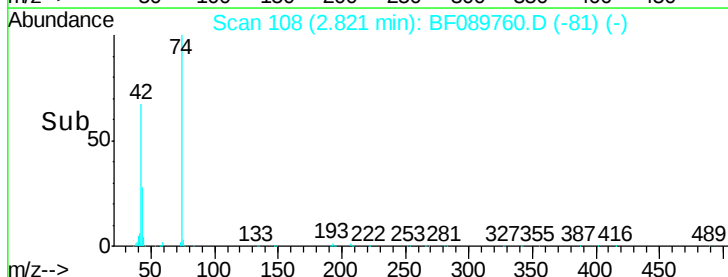
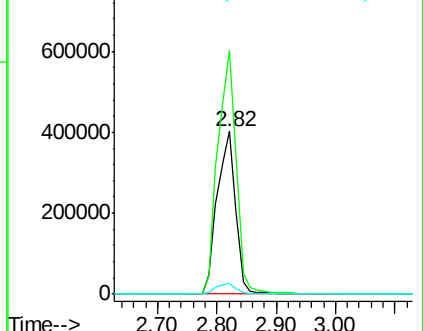
44 6.6 6.9 10.3#

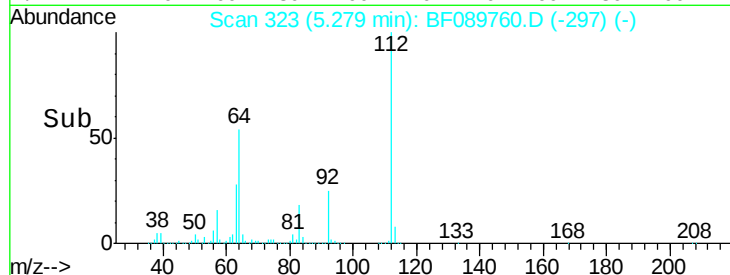
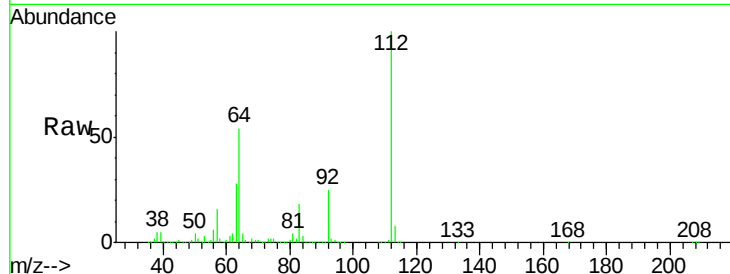
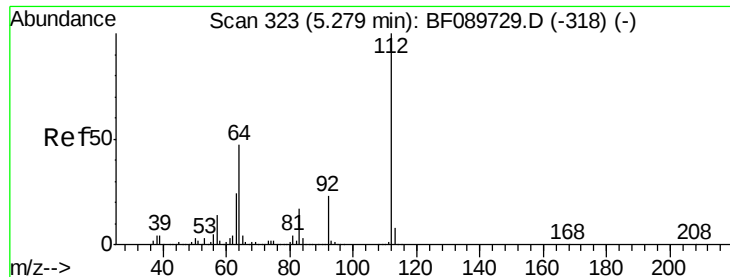


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.80 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 3454139

Ion Ratio Lower Upper

112 100

64 53.9 45.0 67.4

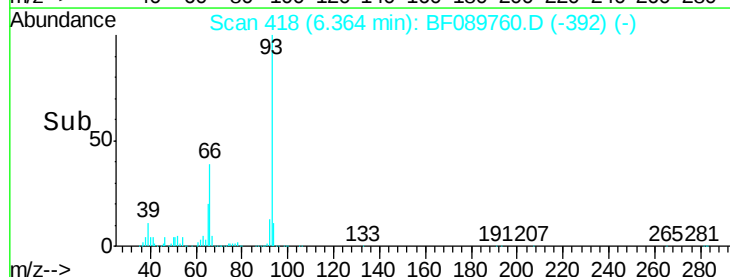
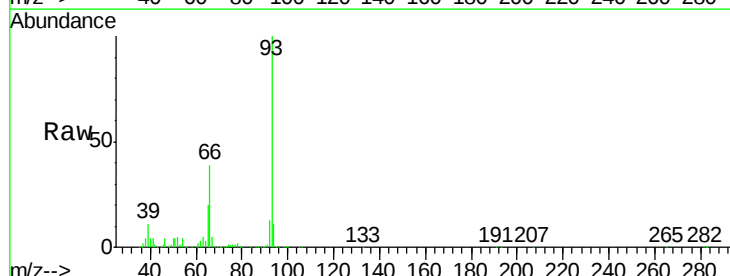
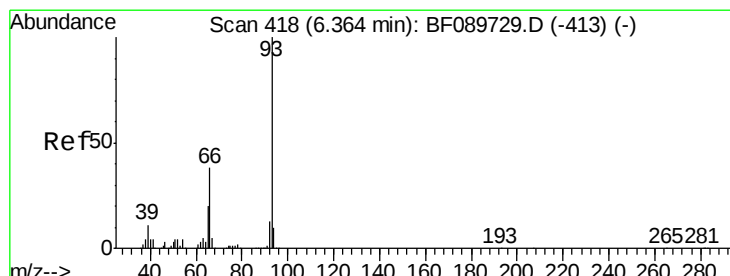
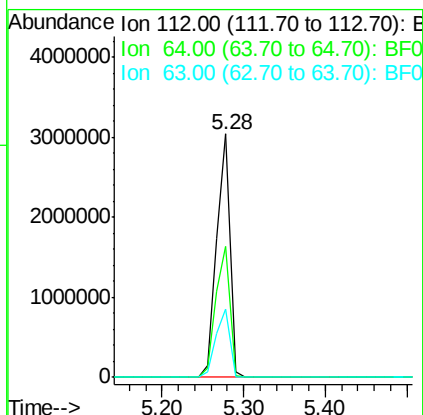
63 27.8 23.1 34.7

Manual Integrations

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#6

Aniline

Concen: 38.75 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

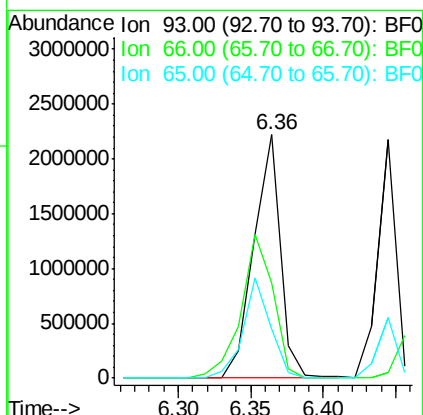
Tgt Ion: 93 Resp: 2832573

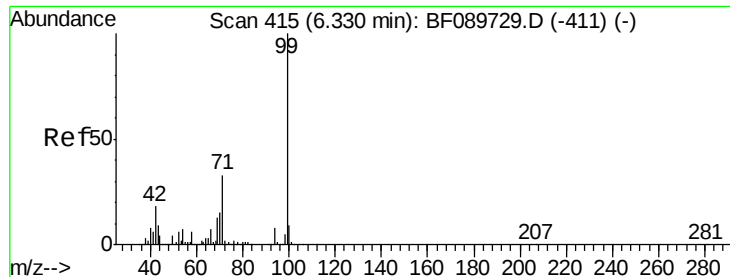
Ion Ratio Lower Upper

93 100

66 39.0 30.6 46.0

65 20.2 15.4 23.2





#7

Phenol-d6

Concen: 77.46 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 4211977

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.4

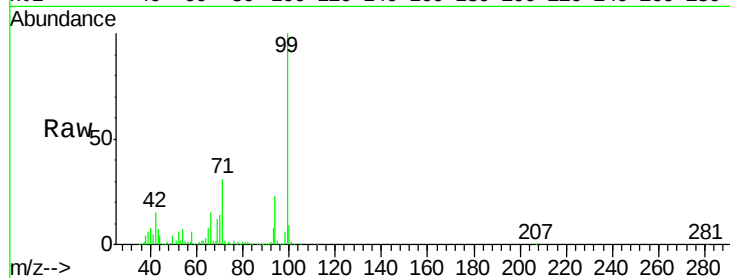
71 30.7 23.8 35.8

Manual Integrations

APPROVED

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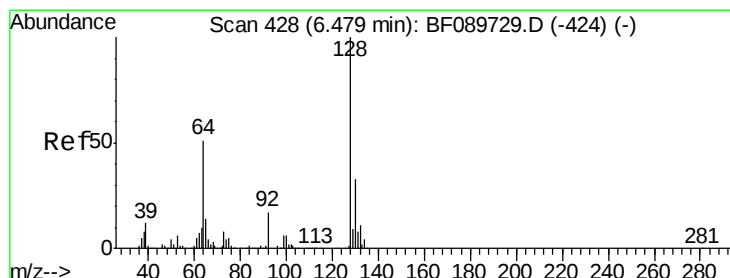
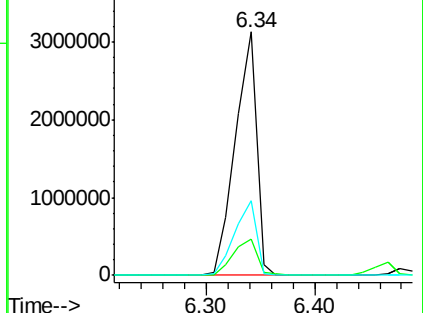
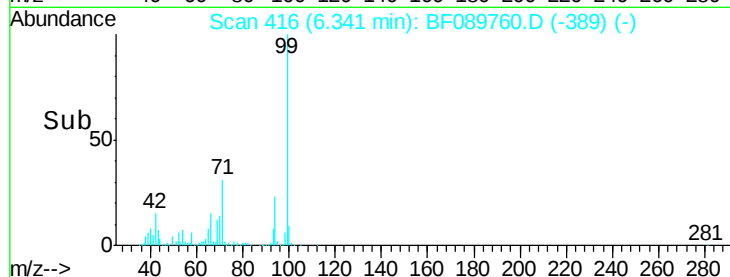
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.15 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

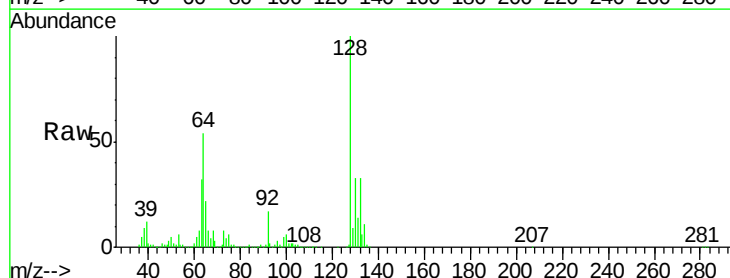
Tgt Ion: 128 Resp: 1940131

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

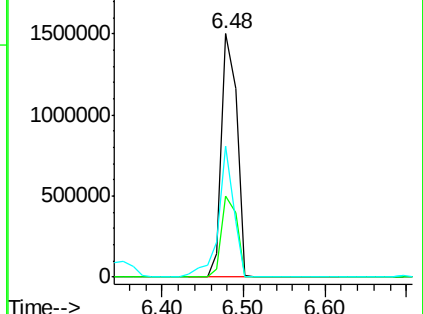
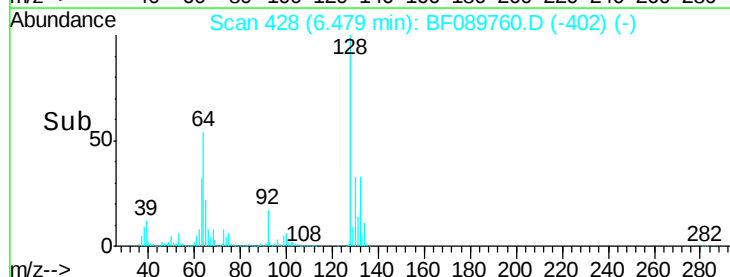
64 53.9 35.1 75.1

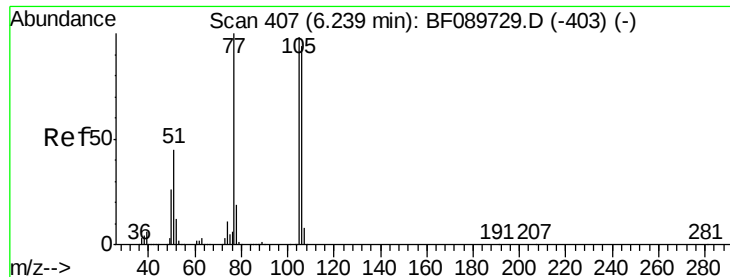


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.15 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1338944

Ion Ratio Lower Upper

77 100

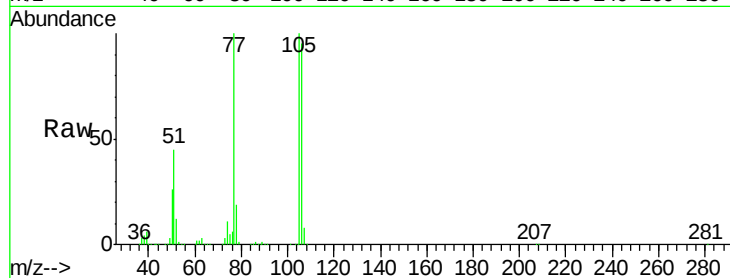
105 99.5 73.3 113.3

106 95.1 68.6 108.6

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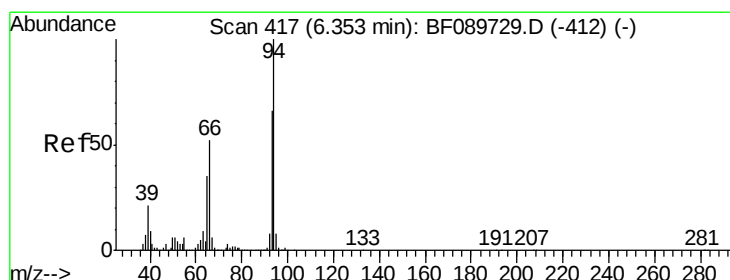
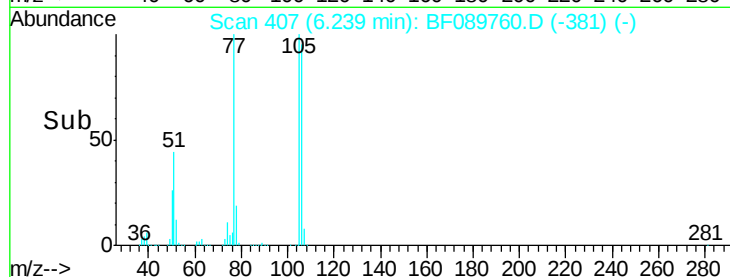
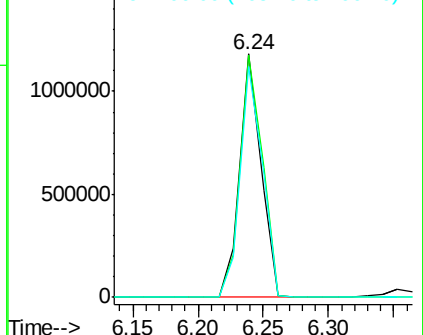
8/18/2016 5:59:00 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.22 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

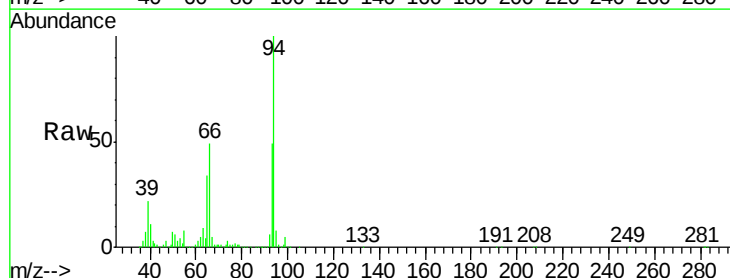
Tgt Ion: 94 Resp: 2654278

Ion Ratio Lower Upper

94 100

65 34.2 14.0 54.0

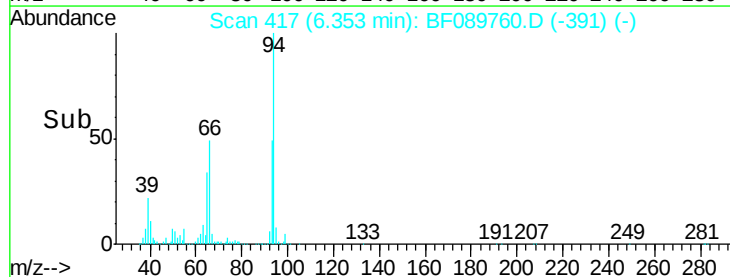
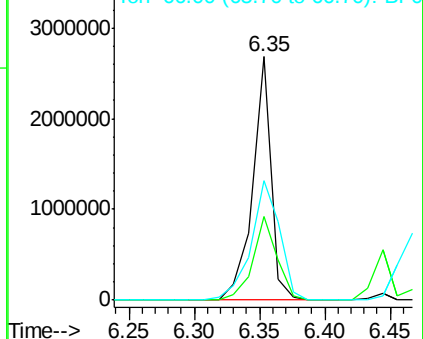
66 49.0 31.2 71.2

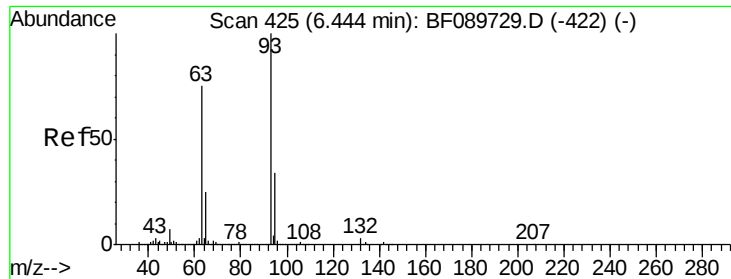


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





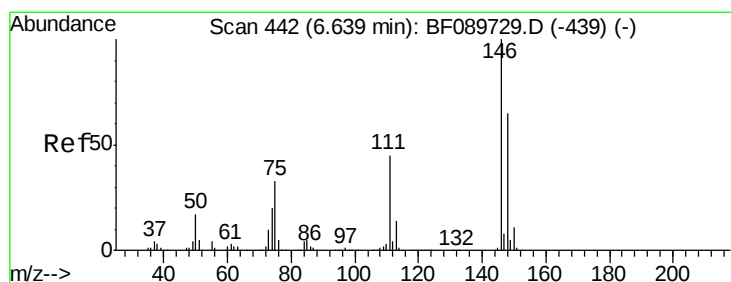
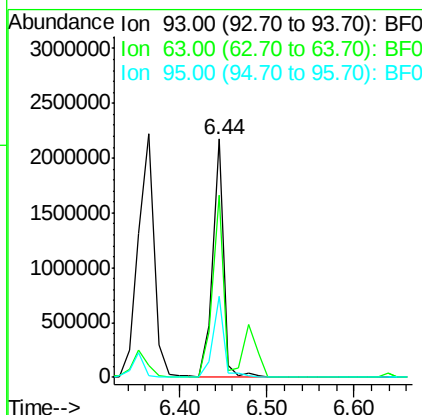
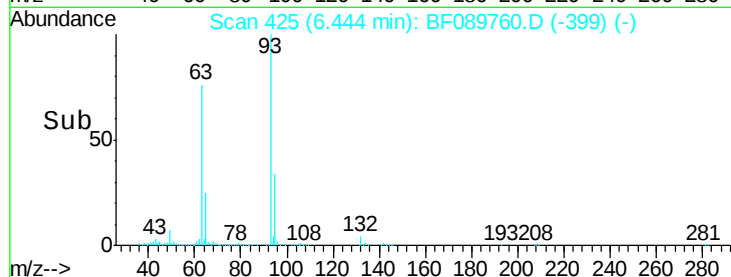
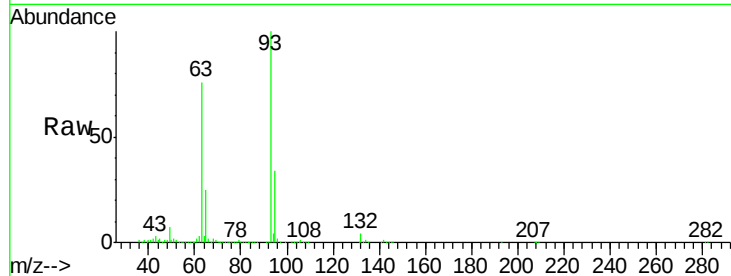
#11  
 bis(2-Chloroethyl)ether  
 Concen: 38.61 ng  
 RT: 6.44 min Scan# 425  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.5  | 55.8  | 95.8  |
| 95      | 34.1  | 13.0  | 53.0  |

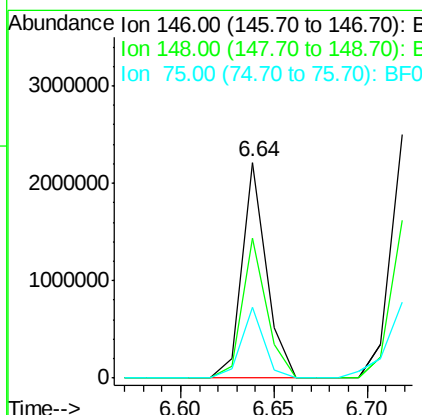
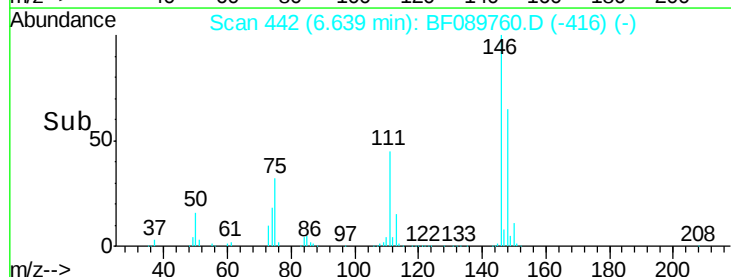
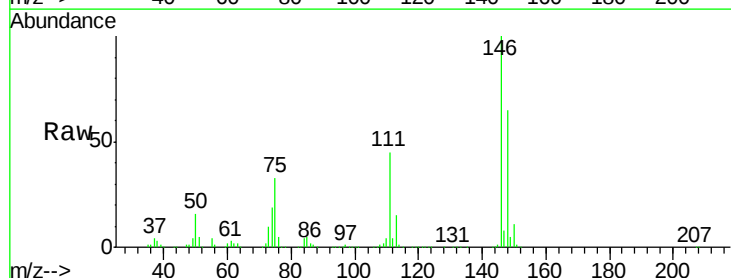
Manual Integrations  
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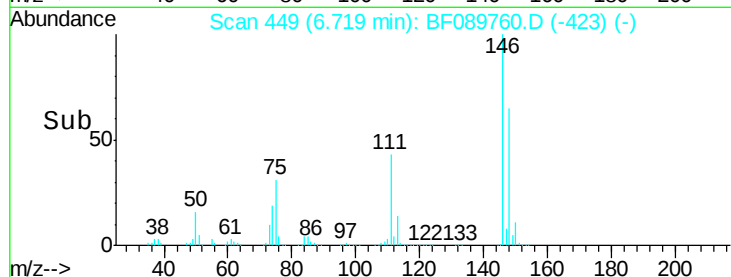
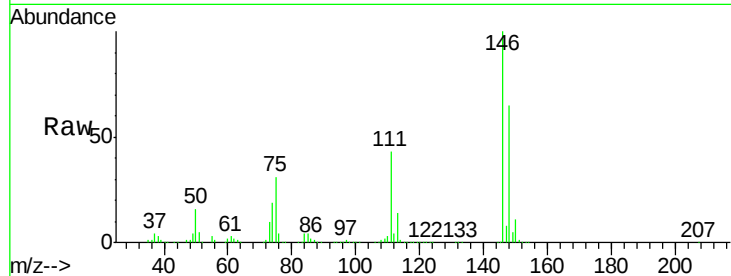
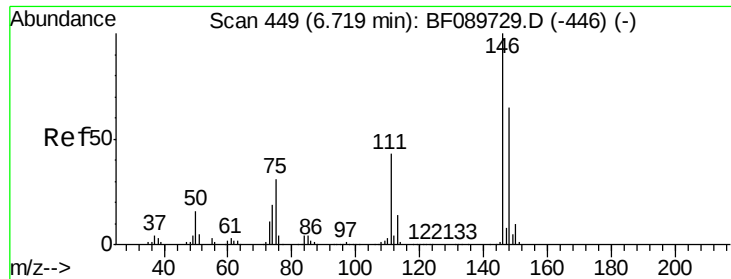
sohil  
 8/18/2016 5:59:00 PM



#12  
 1,3-Dichlorobenzene  
 Concen: 37.00 ng  
 RT: 6.64 min Scan# 442  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 51.0  | 76.4  |
| 75      | 32.6  | 27.0  | 40.6  |





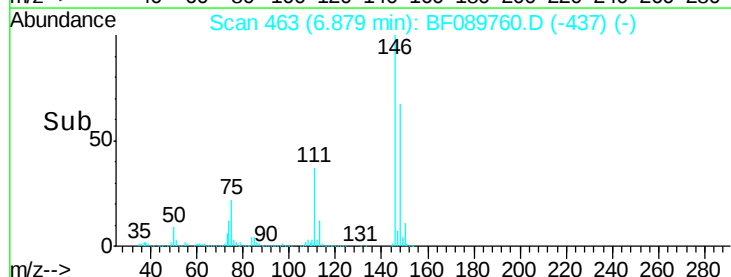
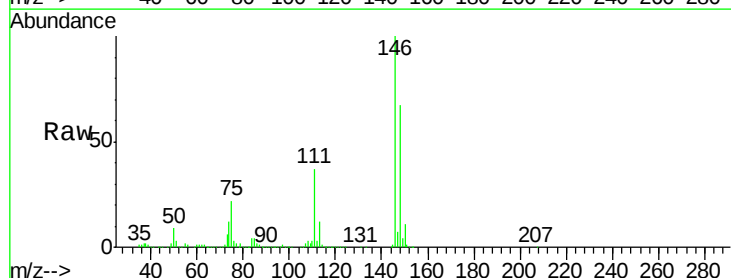
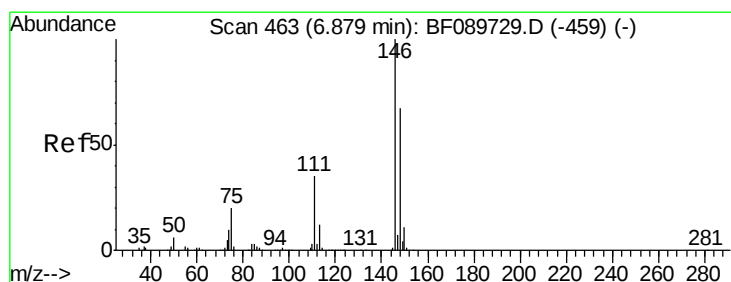
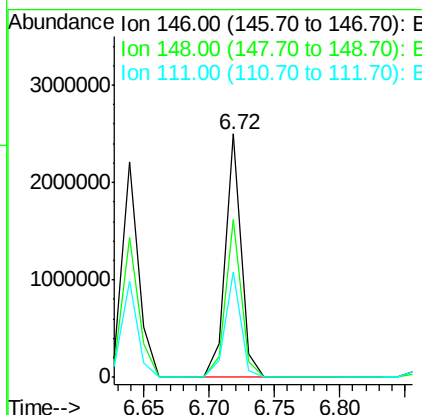
#13  
1,4-Dichlorobenzene  
Concen: 38.53 ng  
RT: 6.72 min Scan# 449  
Delta R.T. -0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 51.0  | 76.6  |
| 111     | 43.1  | 34.6  | 52.0  |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

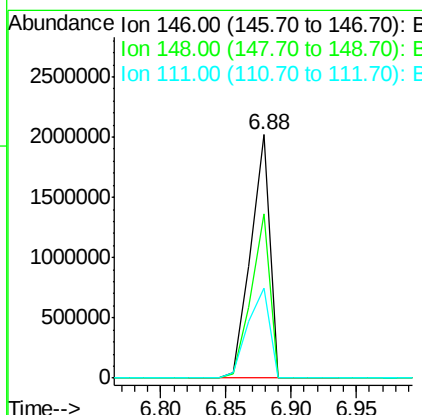
Manual Integrations  
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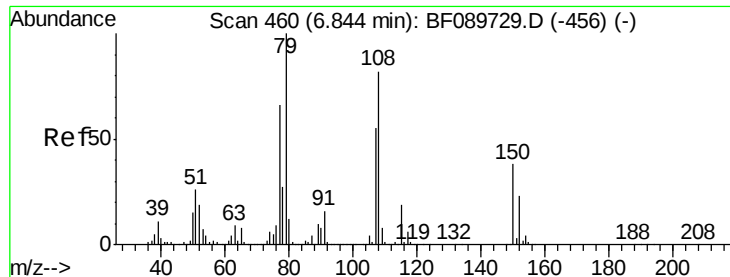
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8/18/2016 5:59:00 PM



#14  
1,2-Dichlorobenzene  
Concen: 39.20 ng  
RT: 6.88 min Scan# 463  
Delta R.T. -0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.2  | 52.2  | 78.2  |
| 111     | 37.2  | 29.8  | 44.6  |





#15

Benzyl Alcohol

Concen: 38.75 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1408142

Ion Ratio Lower Upper

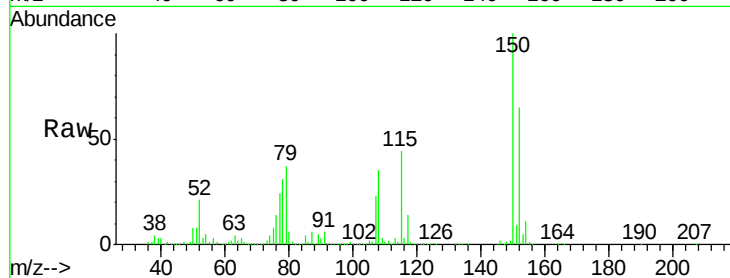
79 100

108 93.5 62.5 93.7

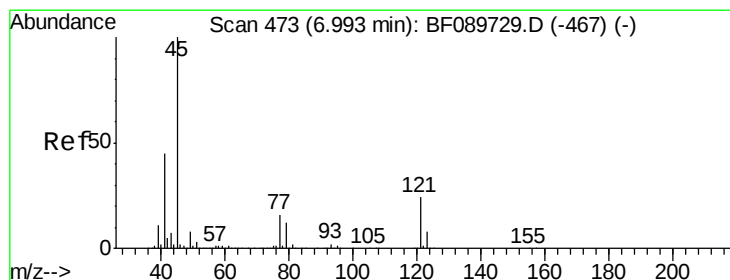
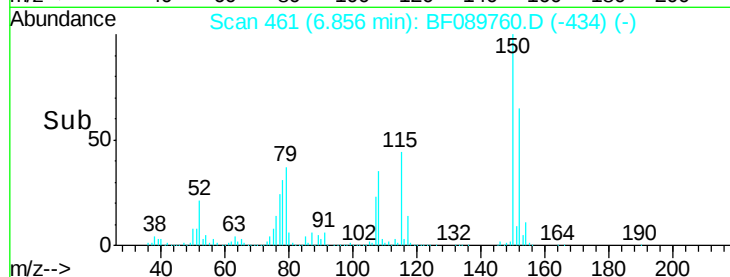
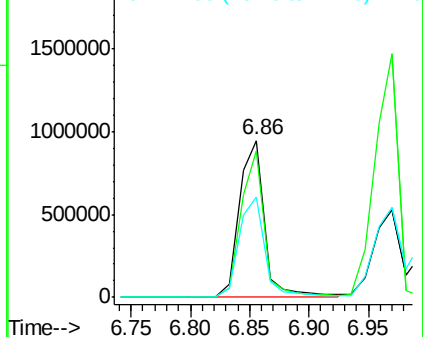
77 64.3 51.5 77.3

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Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.05 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

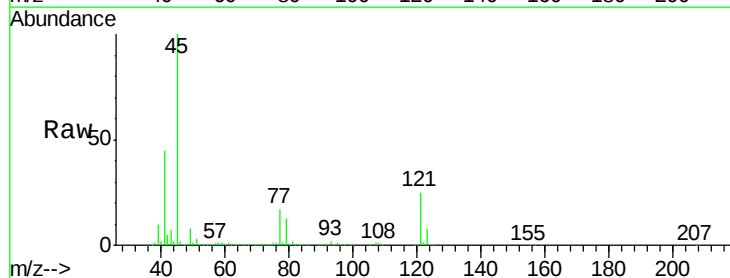
Tgt Ion: 45 Resp: 2437481

Ion Ratio Lower Upper

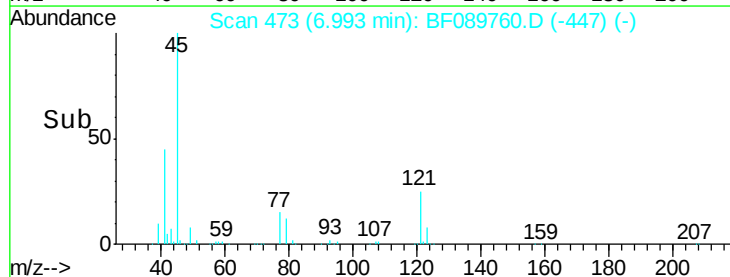
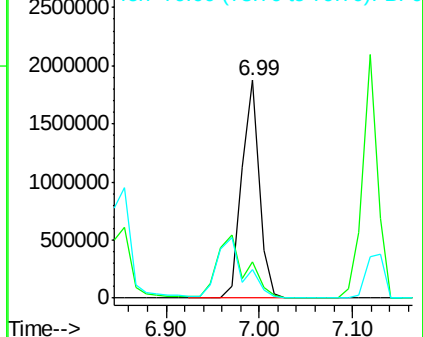
45 100

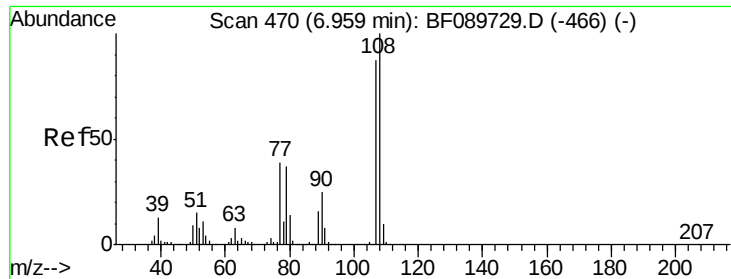
77 16.7 0.0 33.5

79 13.0 0.0 30.7



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





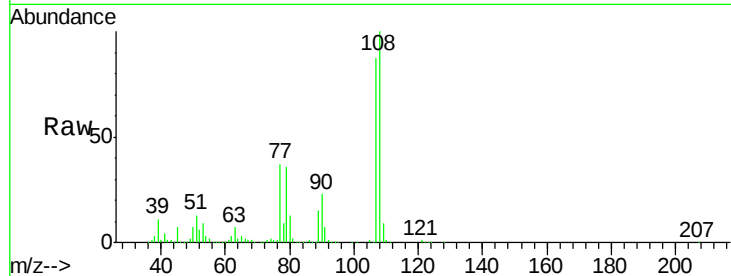
#17  
2-Methylphenol  
Concen: 42.64 ng  
RT: 6.97 min Scan# 471  
Delta R.T. 0.01 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.9 | 91.0  | 136.4 |
| 77      | 42.3  | 37.4  | 56.0  |
| 79      | 41.1  | 36.6  | 55.0  |

Manual Integrations  
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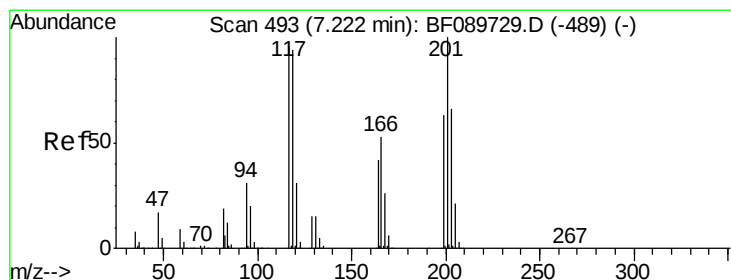
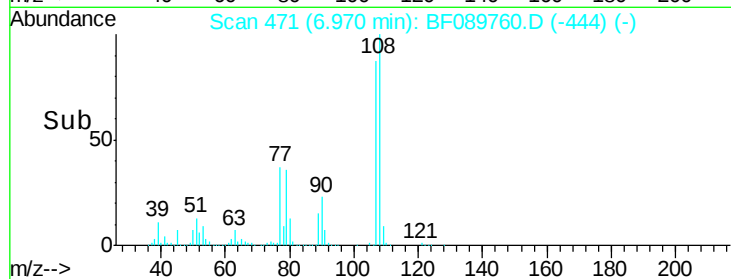
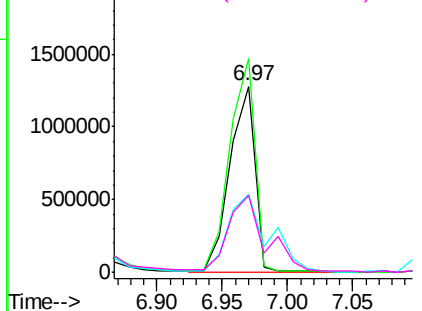
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18  
Hexachloroethane  
Concen: 41.33 ng  
RT: 7.22 min Scan# 493  
Delta R.T. -0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

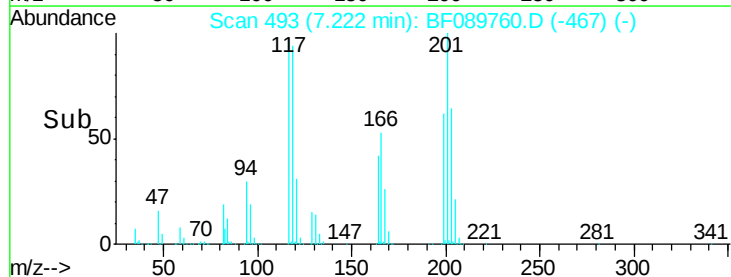
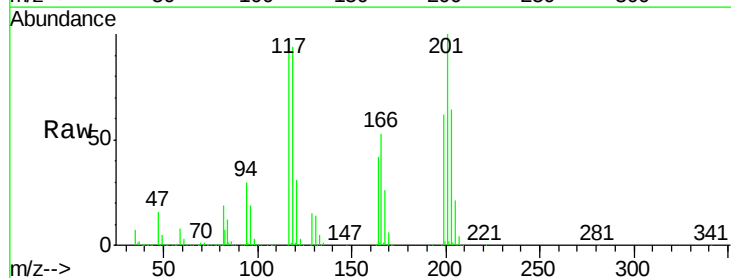
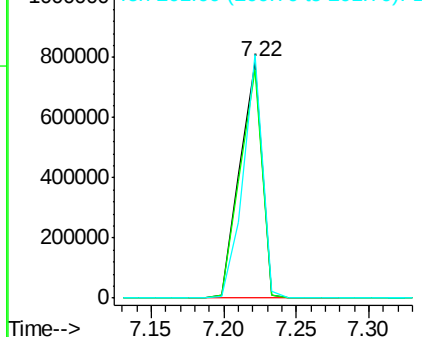
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.6  | 77.1  | 115.7 |
| 201     | 103.0 | 76.9  | 115.3 |

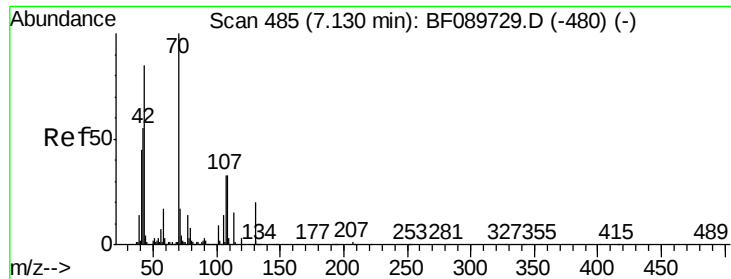
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





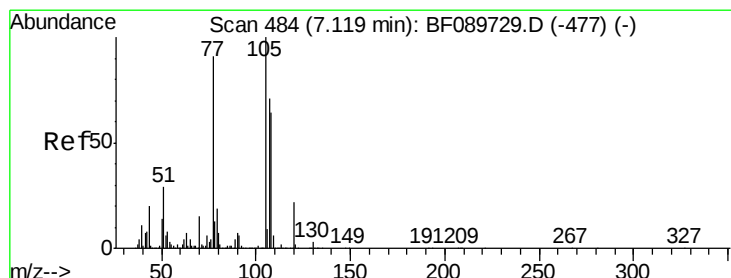
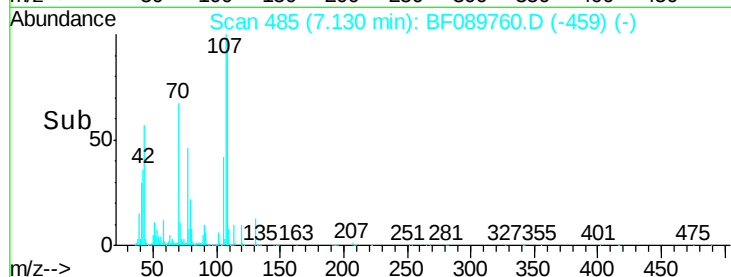
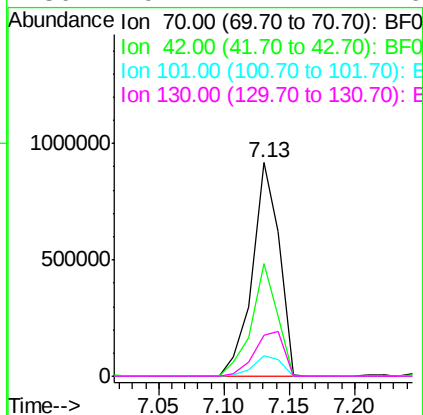
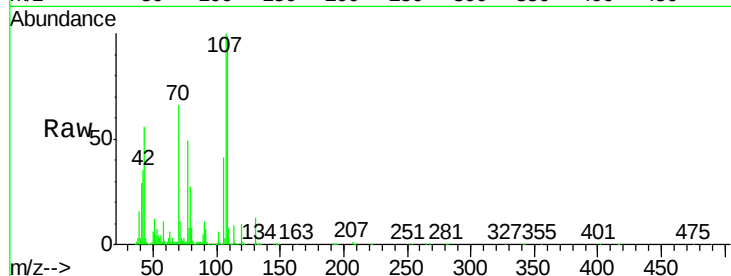
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.22 ng  
RT: 7.13 min Scan# 485  
Delta R.T. -0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 52.7 | 46.3  | 69.5  |       |
| 101     | 9.4  | 7.0   | 10.6  |       |
| 130     | 19.2 | 14.4  | 21.6  |       |

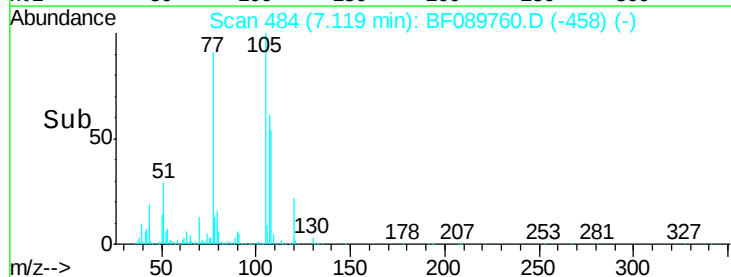
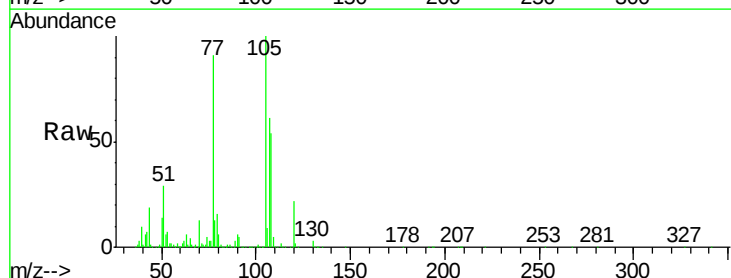
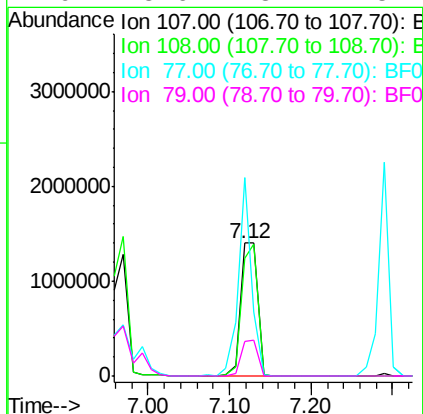
Manual Integrations  
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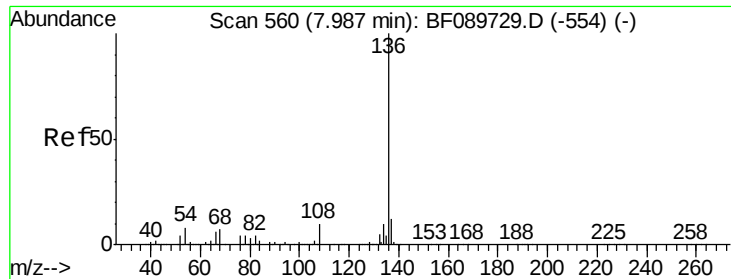
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#20  
3+4-Methylphenols  
Concen: 39.10 ng  
RT: 7.12 min Scan# 484  
Delta R.T. 0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 88.8  | 68.2  | 108.2 |       |
| 77      | 149.3 | 122.3 | 162.3 |       |
| 79      | 25.6  | 8.2   | 48.2  |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

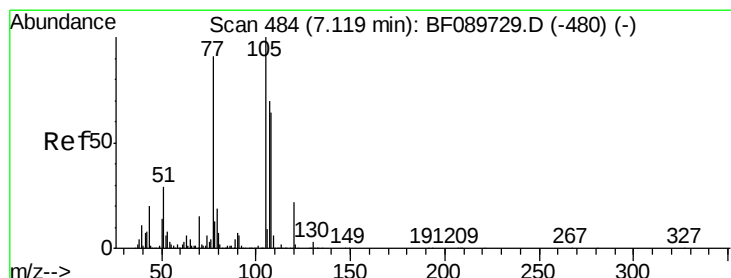
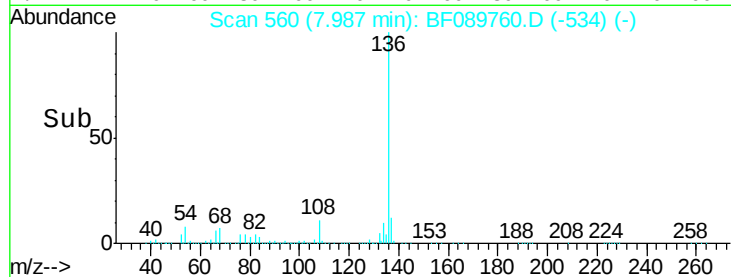
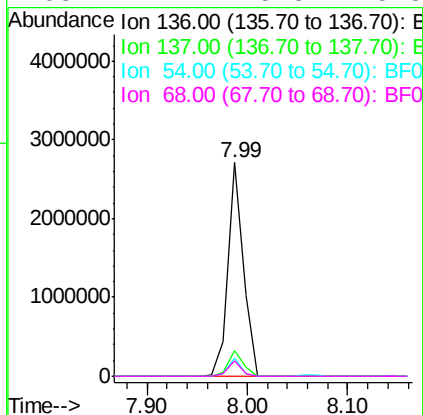
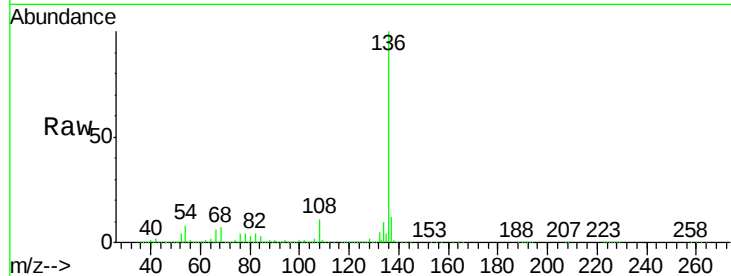
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 136   | Resp: | 2879201 |
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 12.2  | 9.2   | 13.8    |
| 54       | 8.4   | 7.2   | 10.8    |
| 68       | 7.4   | 5.8   | 8.8     |

Manual Integrations  
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#22

Acetophenone

Concen: 37.44 ng

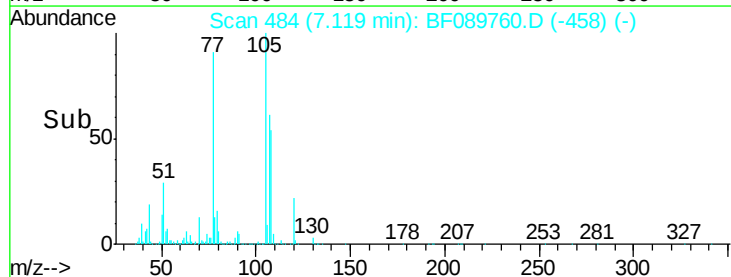
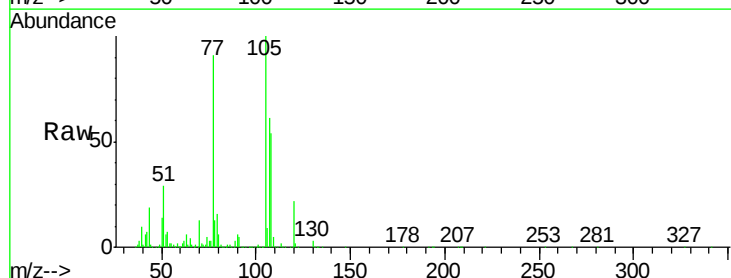
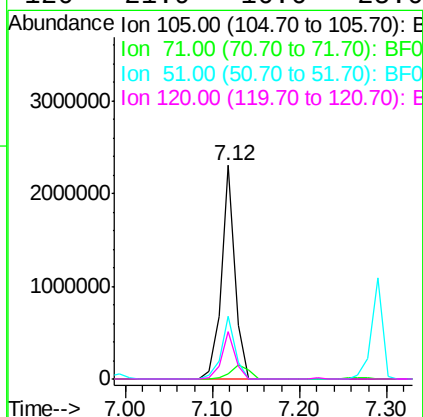
RT: 7.12 min Scan# 484

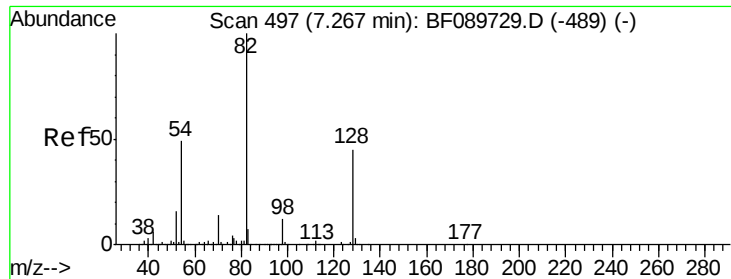
Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 2505397 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 2.3   | 1.9   | 2.9     |
| 51       | 29.2  | 28.5  | 42.7    |
| 120      | 21.9  | 16.6  | 25.0    |





#23

Nitrobenzene-d5

Concen: 85.00 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 4007906

Ion Ratio Lower Upper

82 100

128 44.8 34.4 51.6

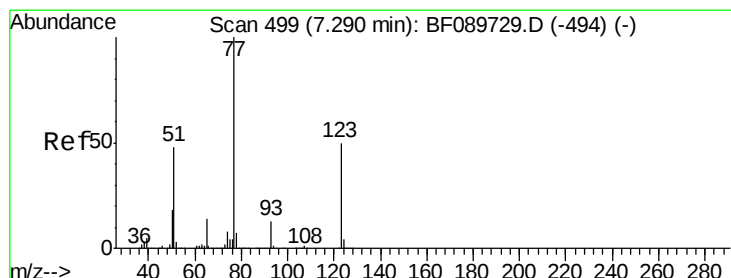
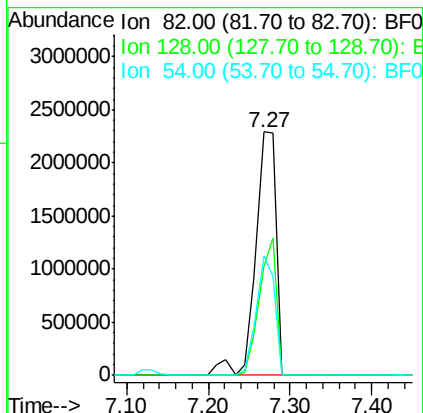
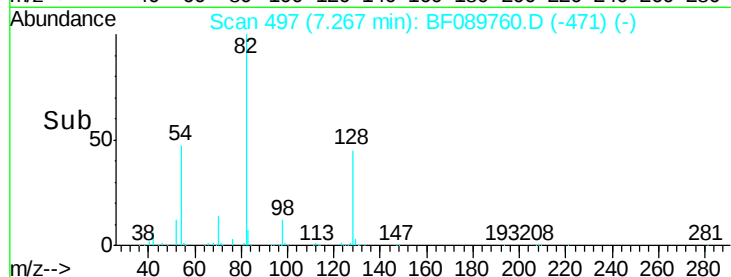
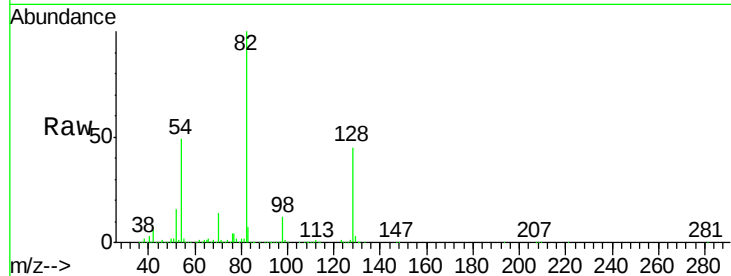
54 49.1 40.3 60.5

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#24

Nitrobenzene

Concen: 37.37 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

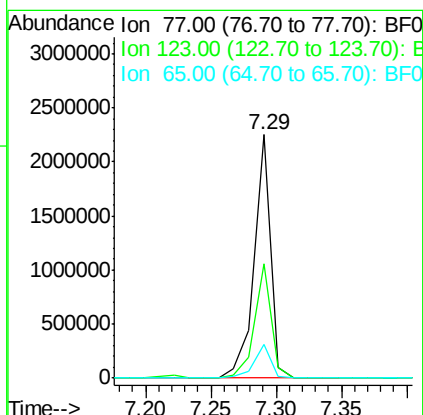
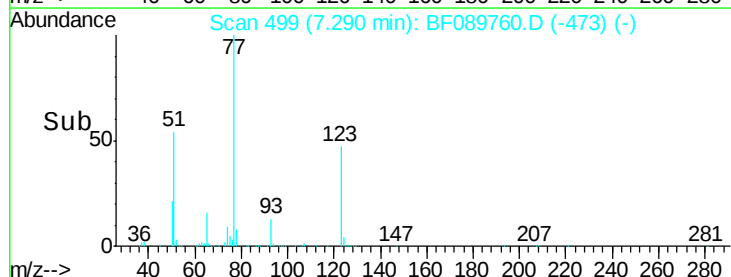
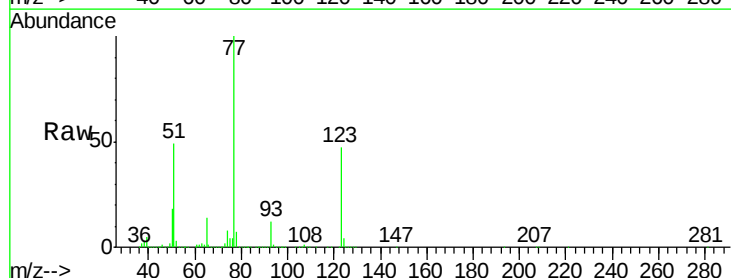
Tgt Ion: 77 Resp: 1981891

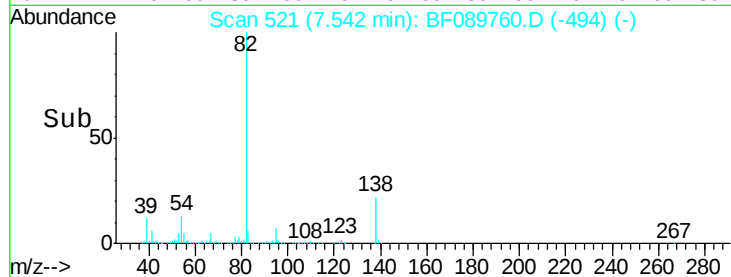
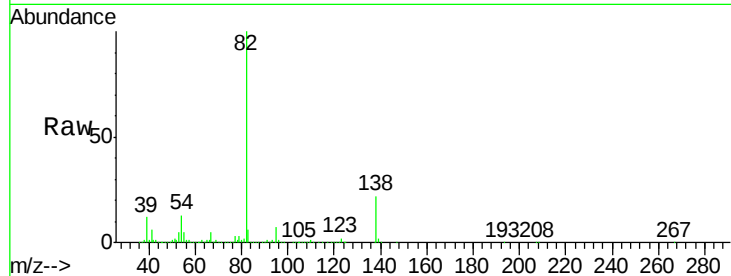
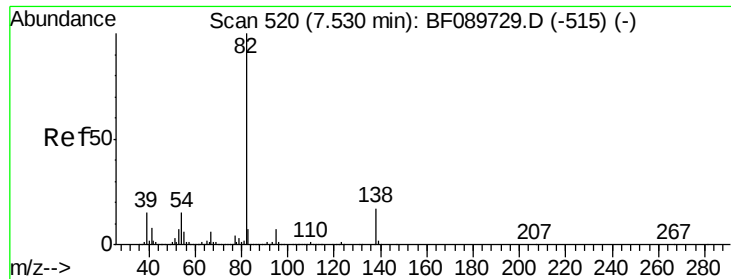
Ion Ratio Lower Upper

77 100

123 46.7 36.2 54.2

65 14.1 10.6 15.8





#25

Isophorone

Concen: 40.15 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 82    | Resp: | 3788303 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 95       | 7.1   | 5.3   | 7.9     |
| 138      | 22.0  | 13.0  | 19.4    |

Instrument :

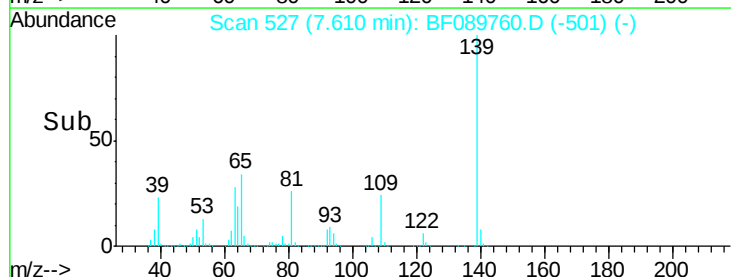
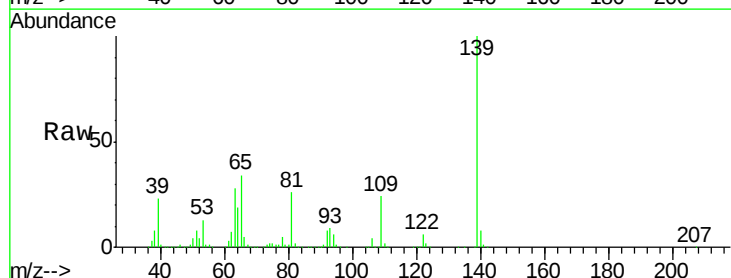
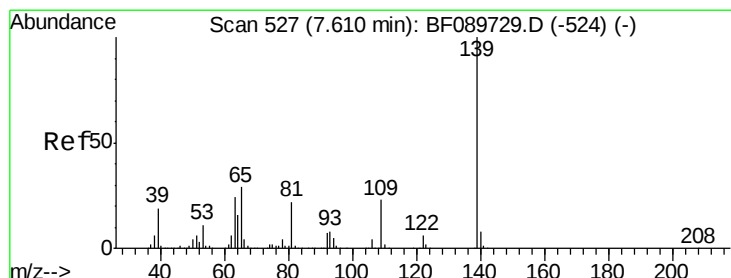
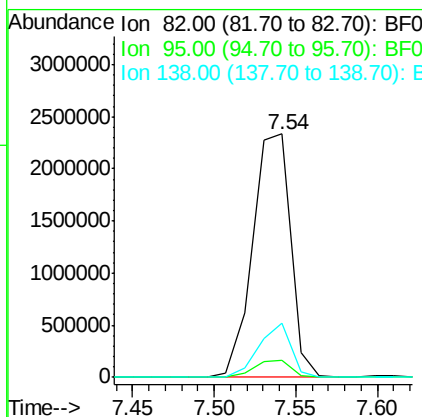
BNA\_F

ClientSampleId :

SSTDCCC040

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#26

2-Nitrophenol

Concen: 46.99 ng

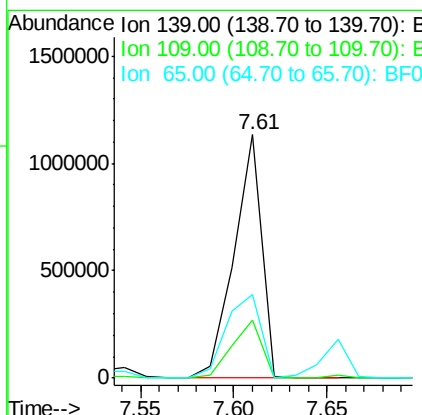
RT: 7.61 min Scan# 527

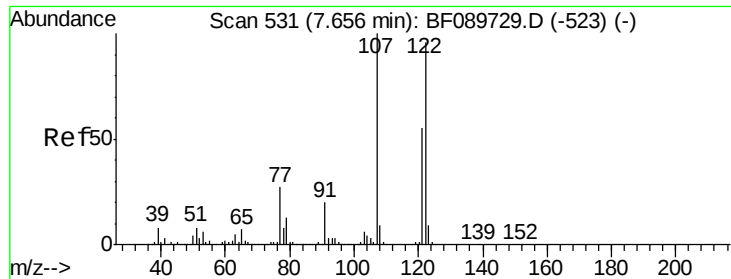
Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 139   | Resp: | 1172780 |
| Ion      | Ratio | Lower | Upper   |
| 139      | 100   |       |         |
| 109      | 23.6  | 19.5  | 29.3    |
| 65       | 34.2  | 26.5  | 39.7    |





#27

2,4-Dimethylphenol

Concen: 42.07 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:122 Resp: 1990268

Ion Ratio Lower Upper

122 100

107 107.4 84.8 127.2

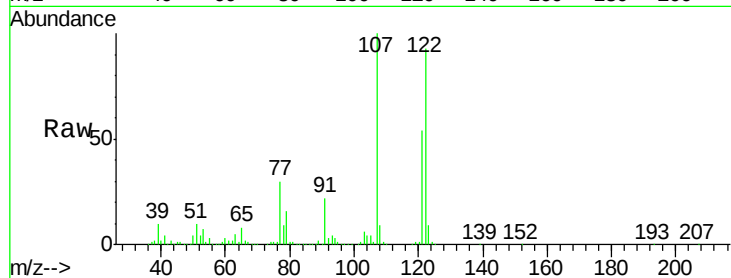
121 57.5 47.0 70.6

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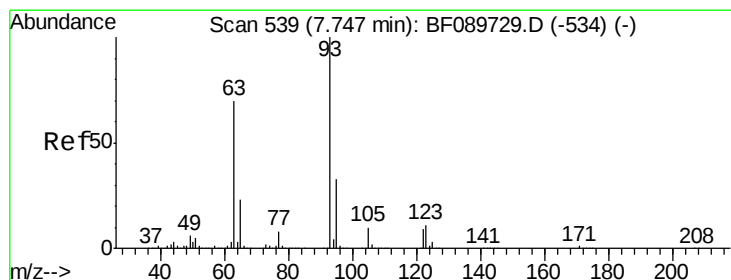
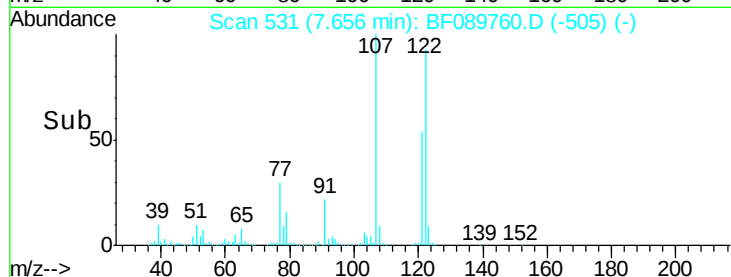
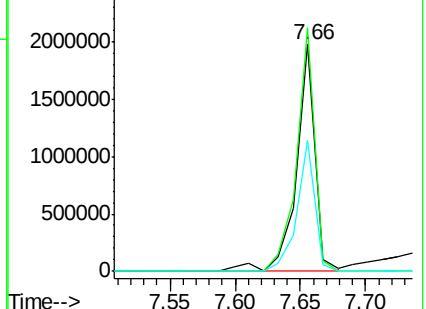
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.90 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

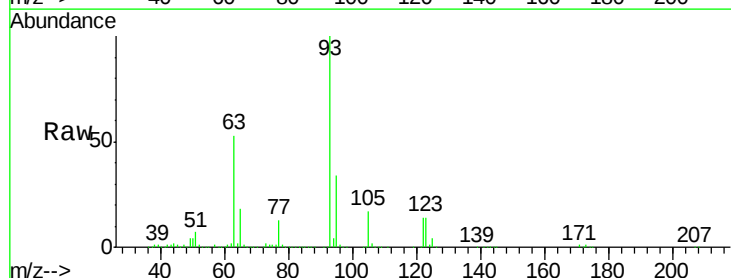
Tgt Ion: 93 Resp: 2345003

Ion Ratio Lower Upper

93 100

95 34.1 25.5 38.3

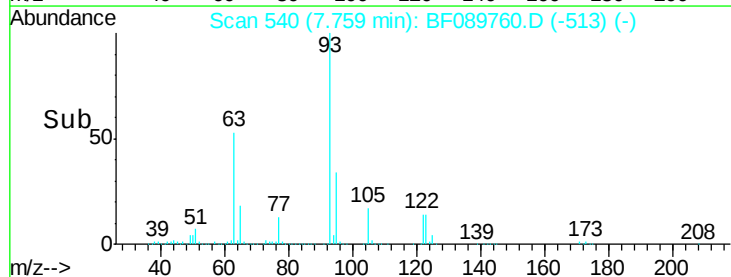
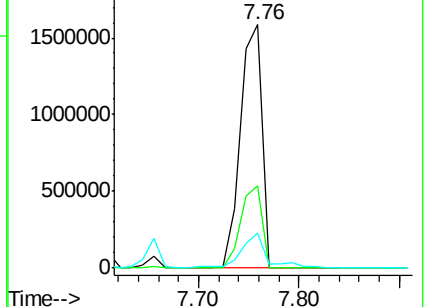
123 14.1 8.5 12.7#

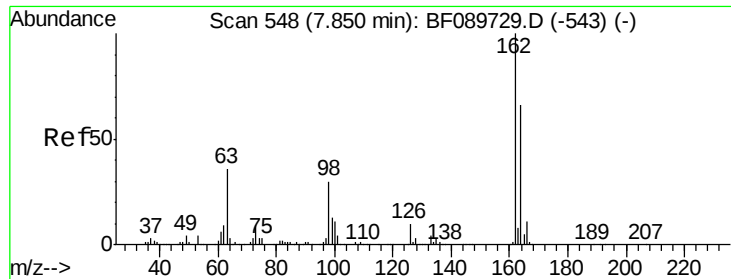


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





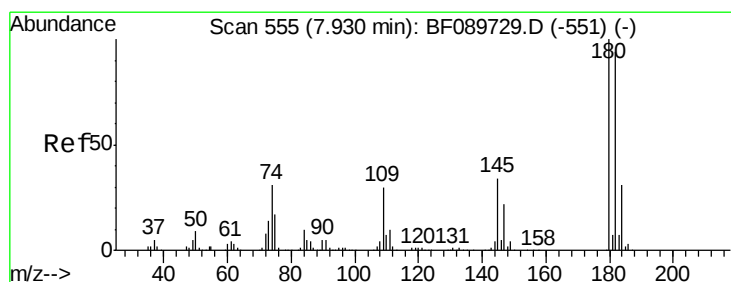
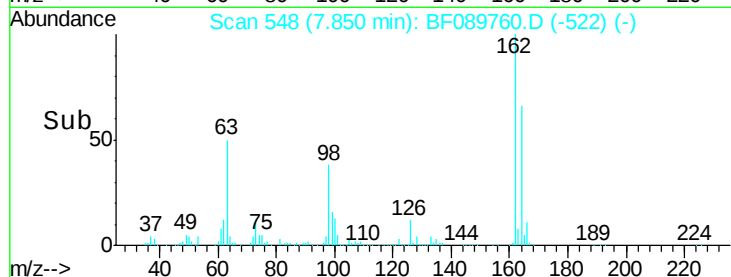
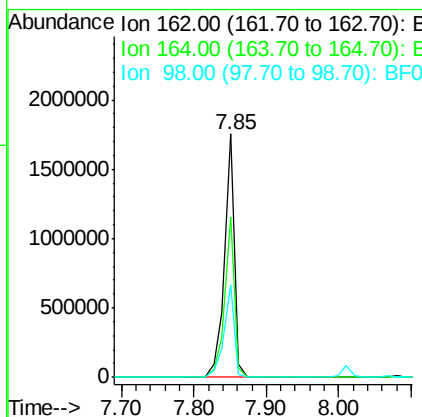
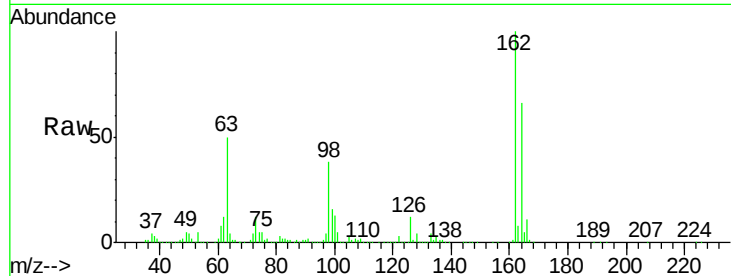
#29  
 2,4-Dichlorophenol  
 Concen: 42.13 ng  
 RT: 7.85 min Scan# 548  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.1  | 45.5  | 85.5  |
| 98      | 37.8  | 12.4  | 52.4  |

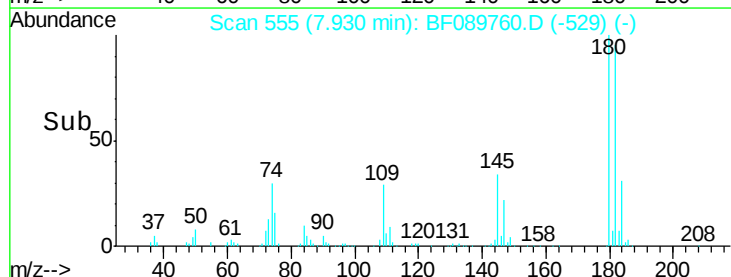
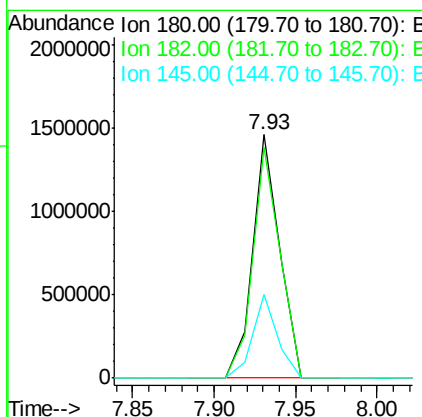
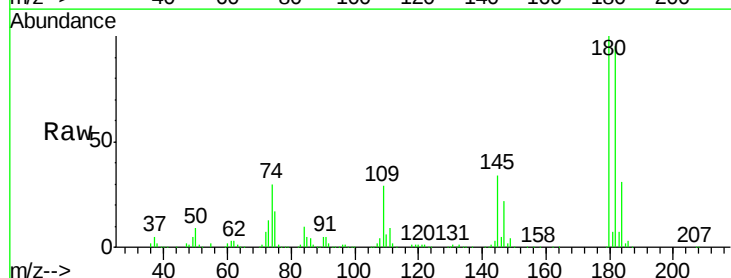
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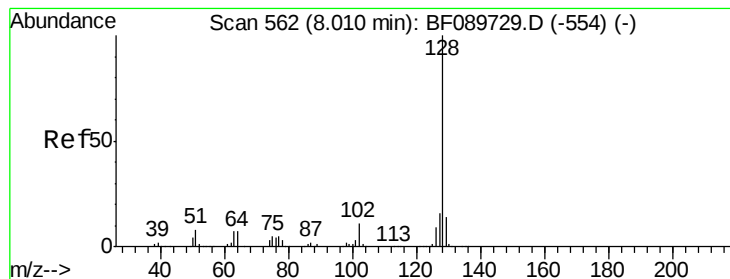
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.48 ng  
 RT: 7.93 min Scan# 555  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 75.5  | 113.3 |
| 145     | 34.2  | 28.7  | 43.1  |





#31

Naphthalene

Concen: 36.56 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 4724990

Ion Ratio Lower Upper

128 100

129 13.8 9.5 14.3

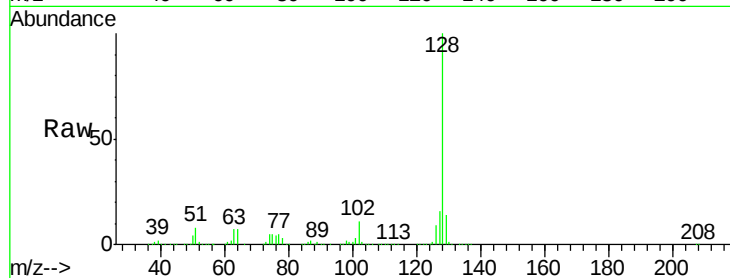
127 16.0 11.3 16.9

Manual Integrations

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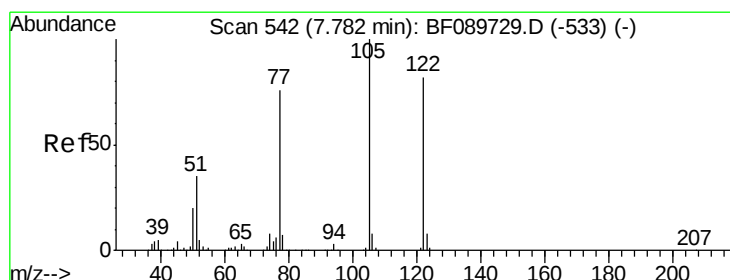
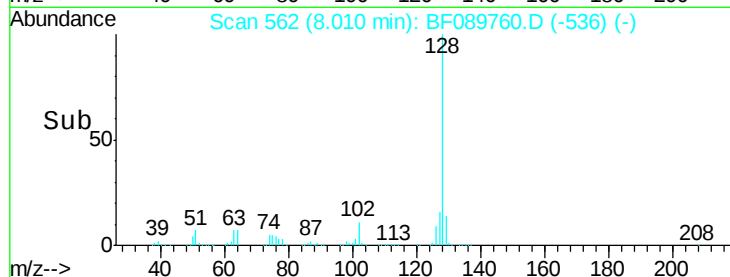
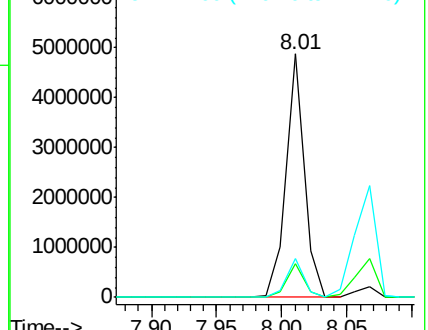
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.40 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

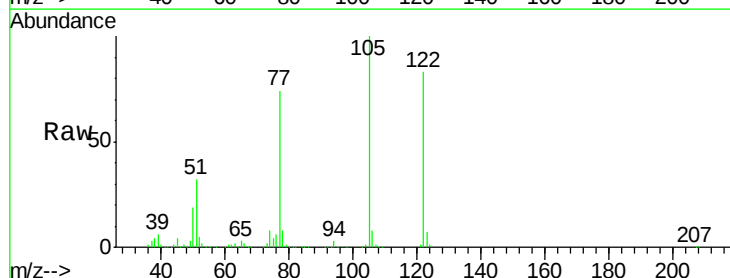
Tgt Ion:122 Resp: 1559404

Ion Ratio Lower Upper

122 100

105 121.1 100.8 140.8

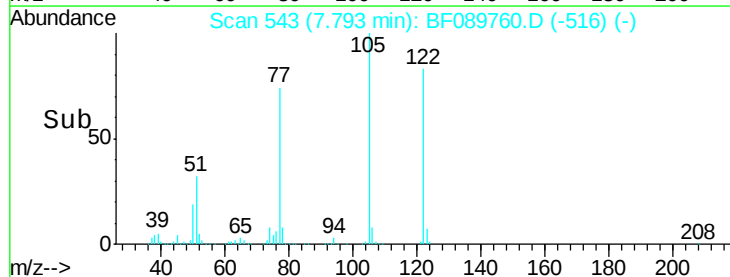
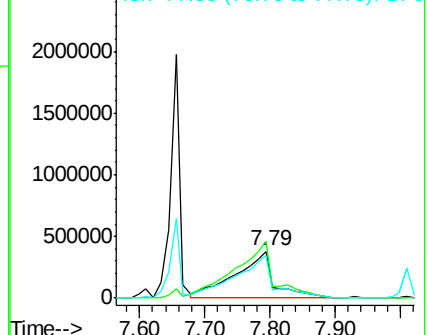
77 90.2 72.1 112.1

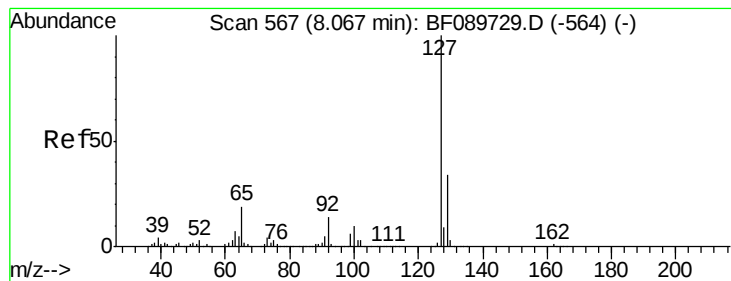


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





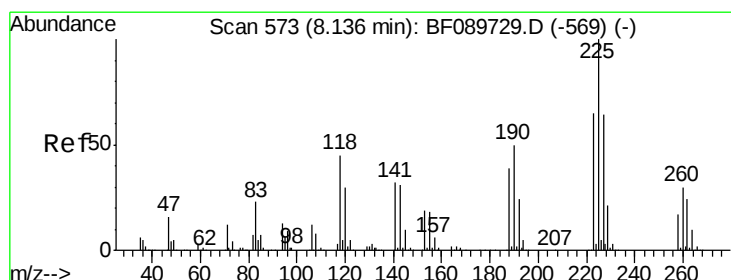
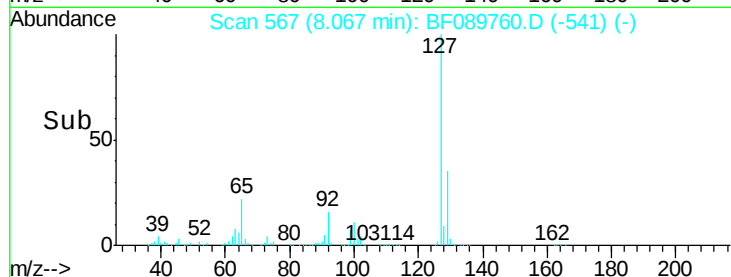
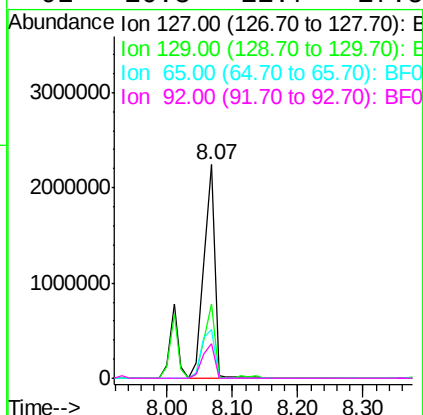
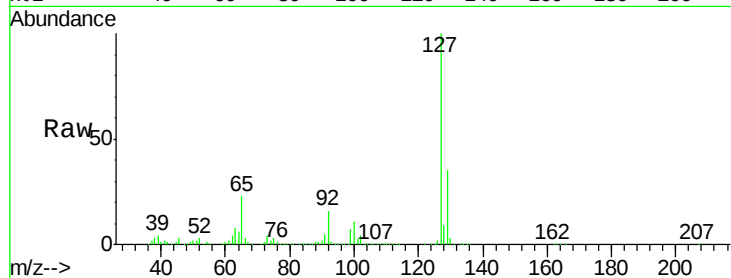
#33  
4-Chloroaniline  
Concen: 42.80 ng  
RT: 8.07 min Scan# 567  
Delta R.T. -0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 34.5  | 27.0  | 40.6  |
| 65      | 22.7  | 14.7  | 22.1# |
| 92      | 16.3  | 11.7  | 17.5  |

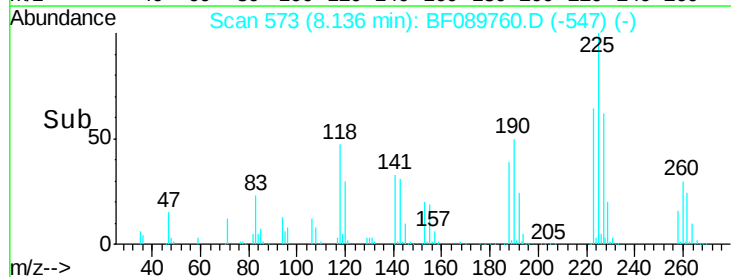
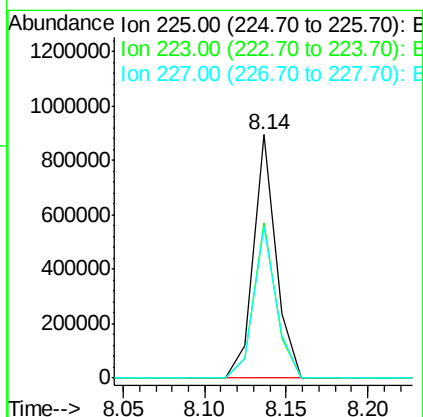
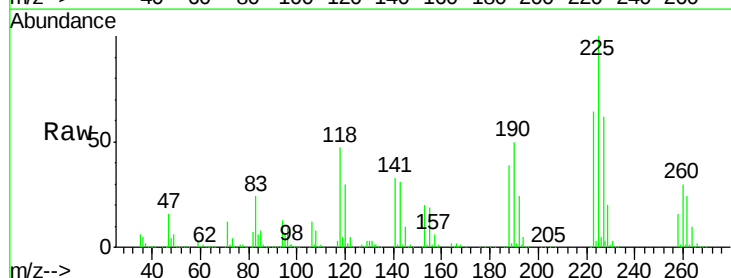
Manual Integrations  
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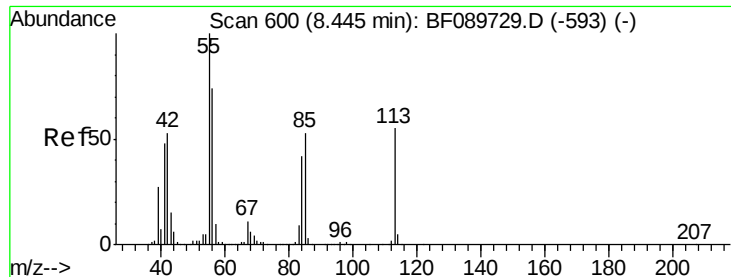
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#34  
Hexachlorobutadiene  
Concen: 38.69 ng  
RT: 8.14 min Scan# 573  
Delta R.T. -0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.7  | 51.0  | 76.6  |
| 227     | 62.3  | 49.8  | 74.6  |





#35

Caprolactam

Concen: 44.27 ng

RT: 8.46 min Scan# 601

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

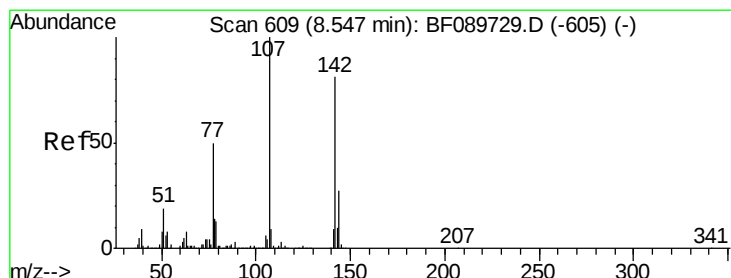
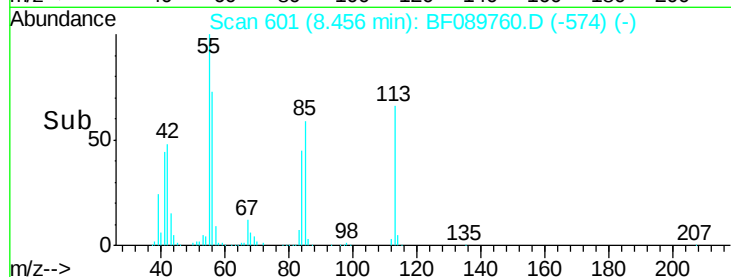
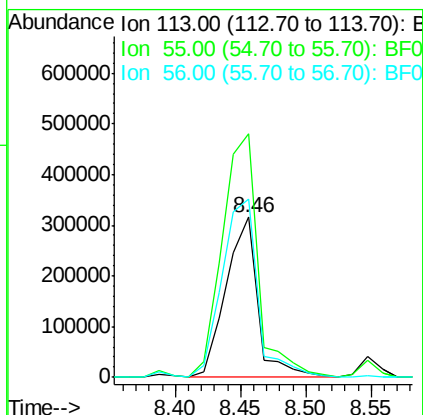
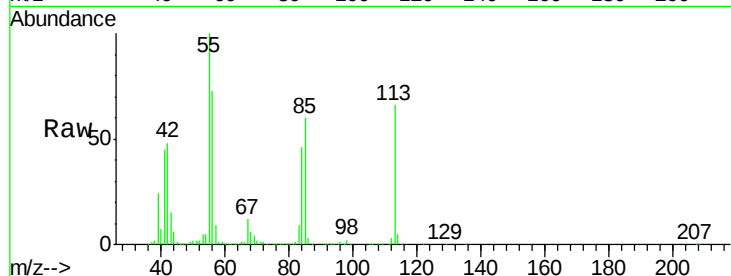
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 537353 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 152.4 | 135.9 | 175.9  |
| 56        | 111.8 | 93.9  | 133.9  |

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#36

4-Chloro-3-methylphenol

Concen: 37.15 ng

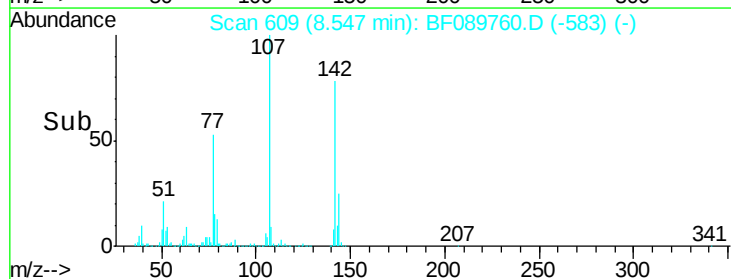
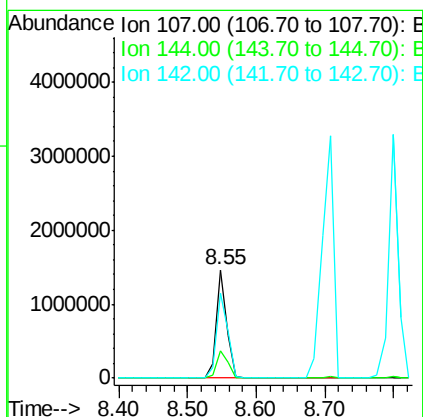
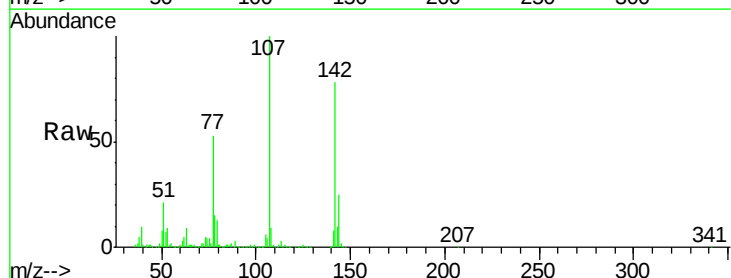
RT: 8.55 min Scan# 609

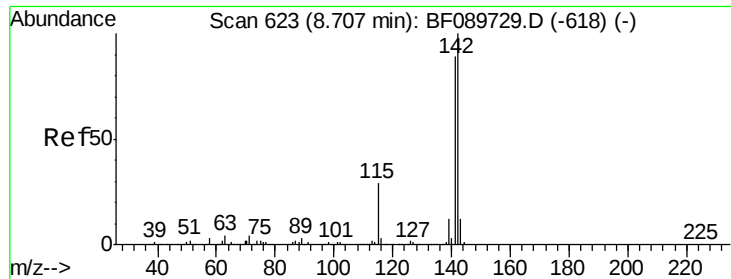
Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 107   | Resp: | 1592998 |
| Ion Ratio | Lower | Upper |         |
| 107       | 100   |       |         |
| 144       | 25.5  | 22.6  | 34.0    |
| 142       | 78.0  | 69.3  | 103.9   |





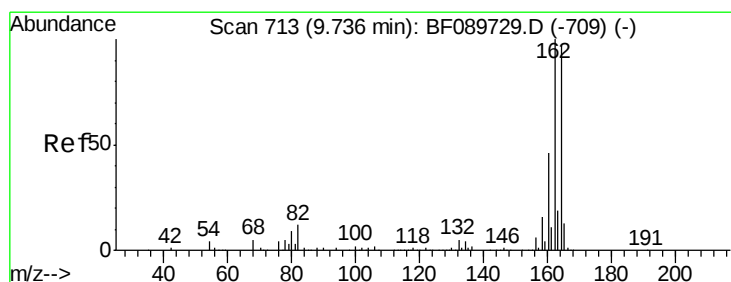
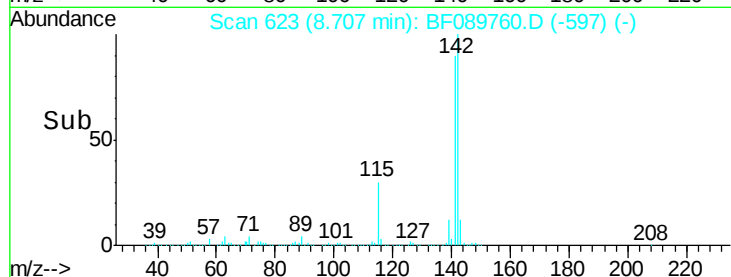
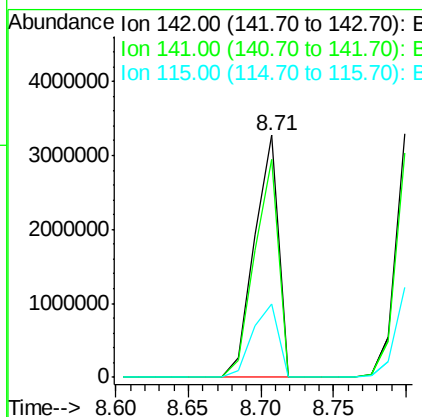
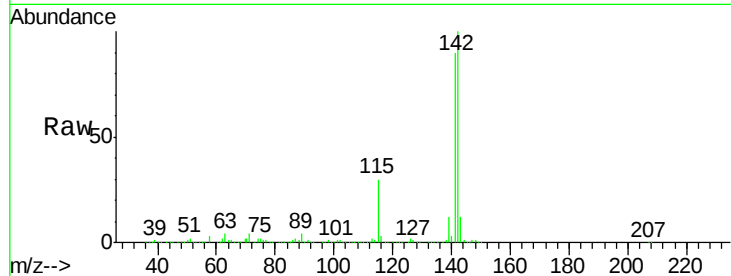
#37  
2-Methylnaphthalene  
Concen: 42.75 ng  
RT: 8.71 min Scan# 623  
Delta R.T. -0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:142 Resp: 3760526  
Ion Ratio Lower Upper  
142 100  
141 90.2 71.4 107.2  
115 30.4 22.7 34.1

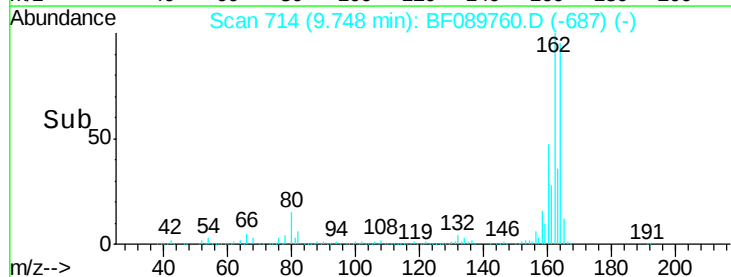
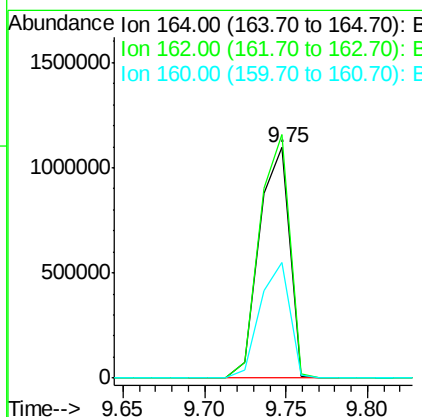
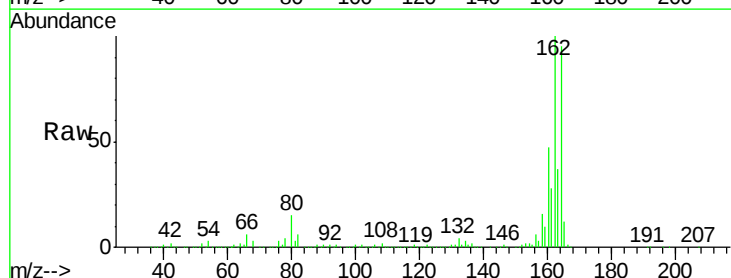
Manual Integrations  
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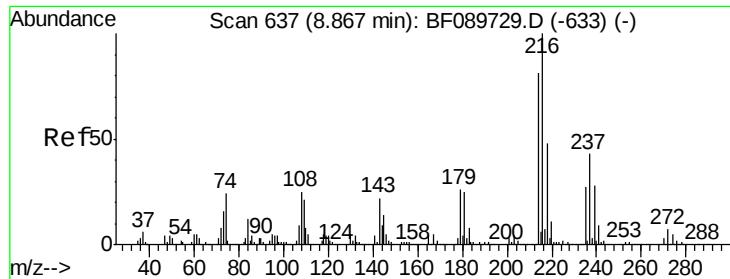
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.75 min Scan# 714  
Delta R.T. 0.01 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Tgt Ion:164 Resp: 1413873  
Ion Ratio Lower Upper  
164 100  
162 105.7 81.4 122.2  
160 50.1 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.14 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

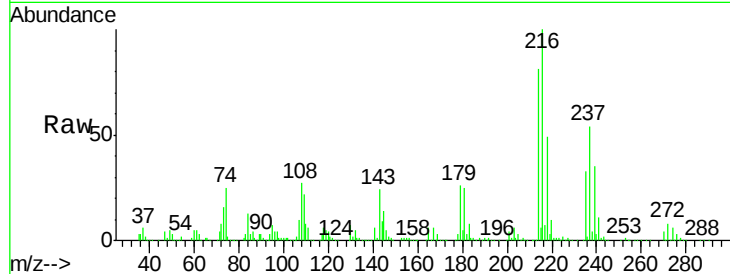
ClientSampleId :

SSTDCCC040

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 216   | Resp: | 1597452 |
| Ion Ratio | Lower | Upper |         |
| 216       | 100   |       |         |
| 214       | 79.6  | 63.5  | 95.3    |
| 179       | 22.8  | 19.9  | 29.9    |
| 108       | 21.8  | 19.9  | 29.9    |

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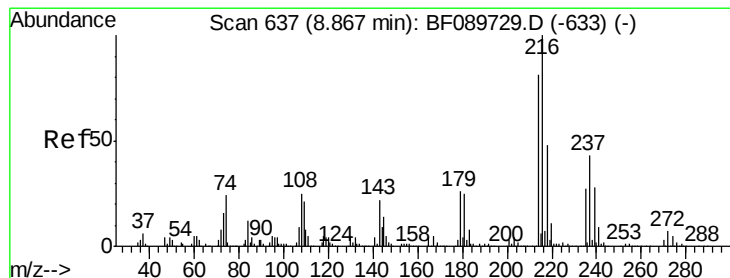
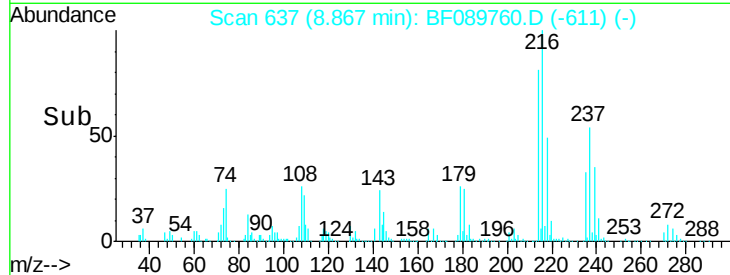
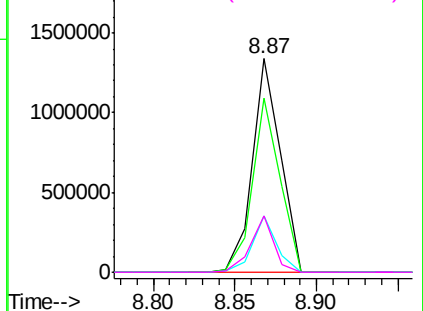
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.36 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

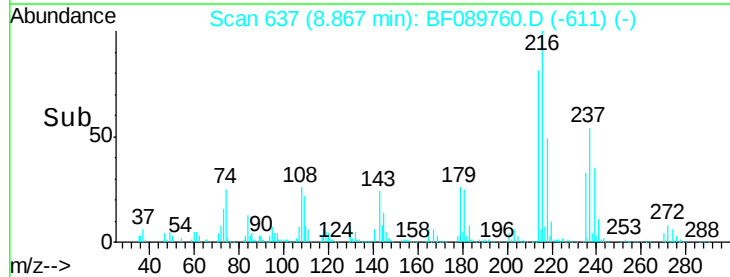
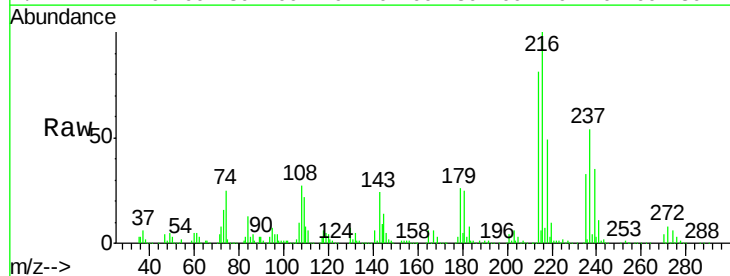
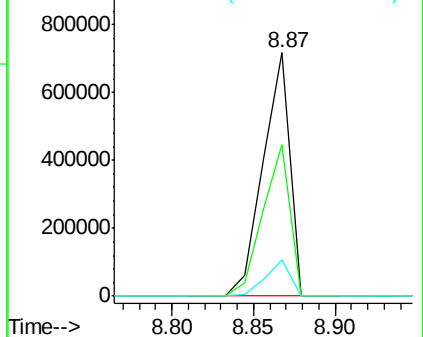
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 817614 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.2  | 43.7  | 83.7   |
| 272       | 14.9  | 0.0   | 31.6   |

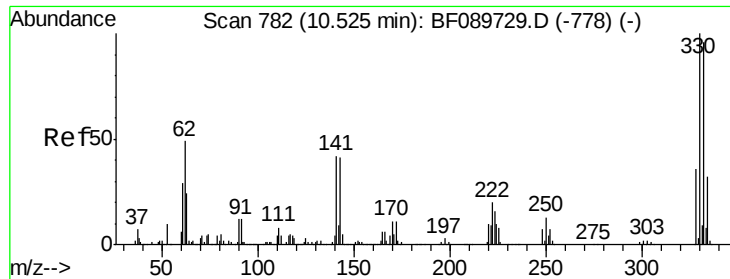
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





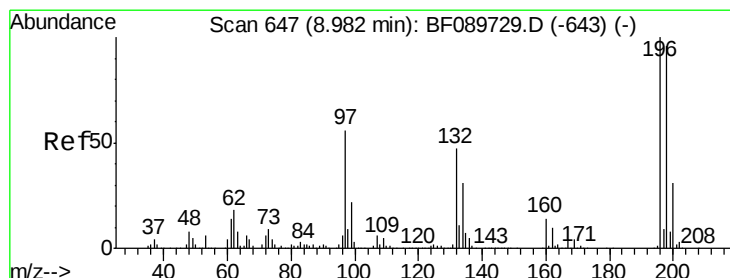
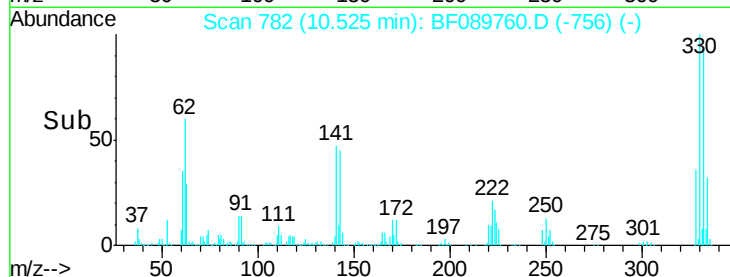
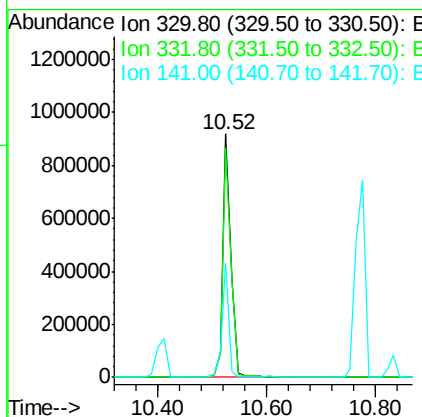
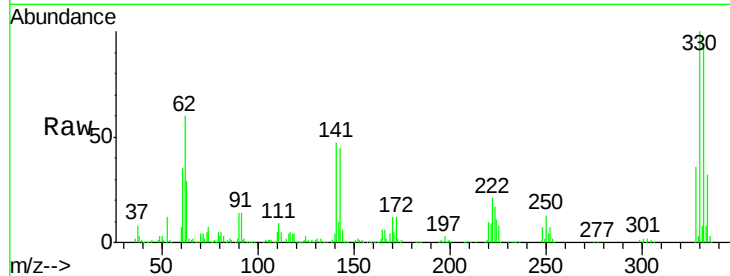
#41  
 2,4,6-Tribromophenol  
 Concen: 72.62 ng  
 RT: 10.52 min Scan# 782  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.5  | 76.7 | 115.1 |       |
| 141     | 39.2  | 30.2 | 45.2  |       |

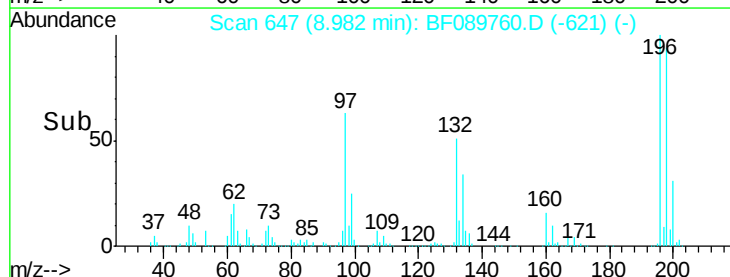
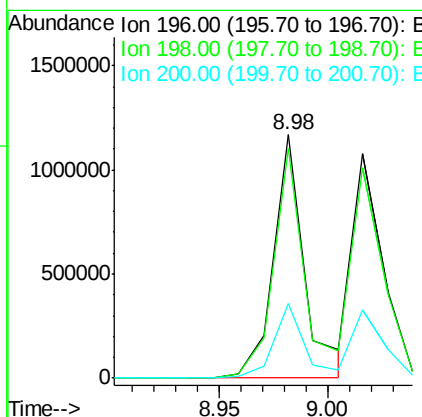
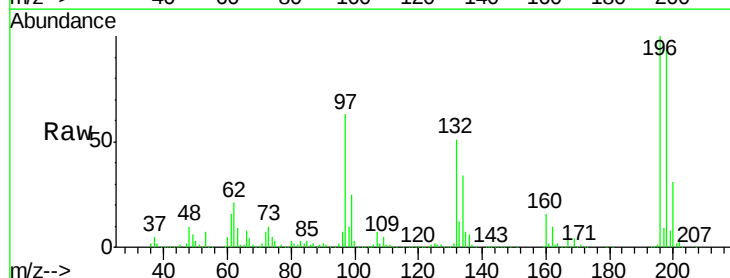
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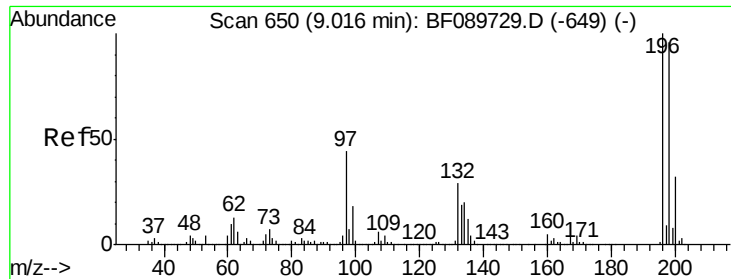
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#42  
 2,4,6-Trichlorophenol  
 Concen: 40.18 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 94.4  | 76.3 | 114.5 |       |
| 200     | 30.7  | 24.6 | 36.8  |       |





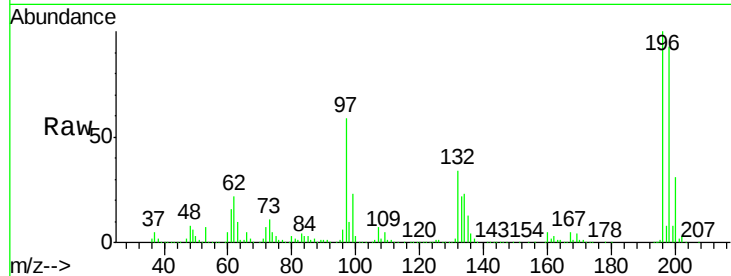
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.05 ng  
 RT: 9.02 min Scan# 650  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.3  | 76.6  | 114.8 |
| 97      | 59.1  | 35.8  | 53.8  |
| 132     | 33.6  | 23.5  | 35.3  |

Manual Integrations  
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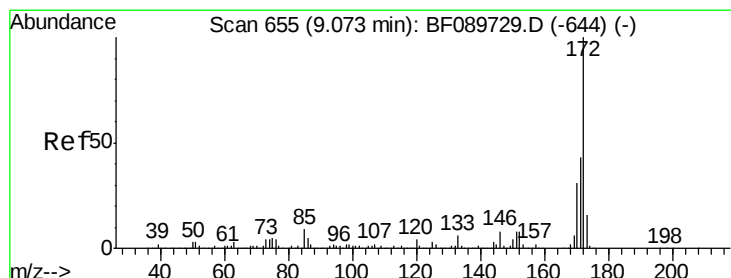
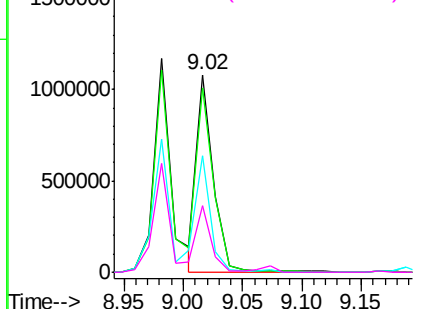
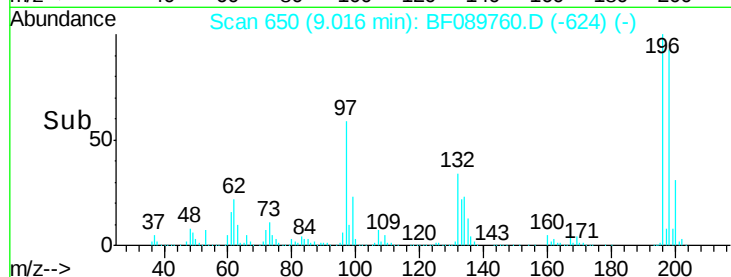
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

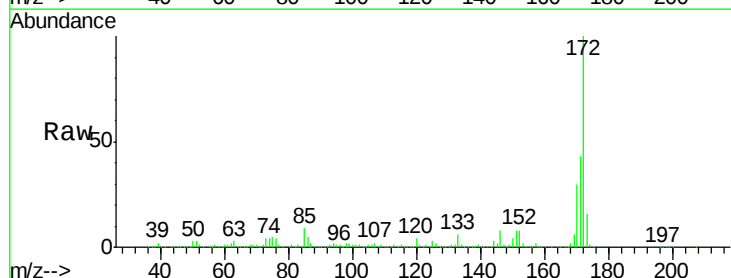
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 61.29 ng  
 RT: 9.07 min Scan# 655  
 Delta R.T. 0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 42.7  | 30.5  | 45.7  |
| 170     | 30.3  | 20.6  | 31.0  |

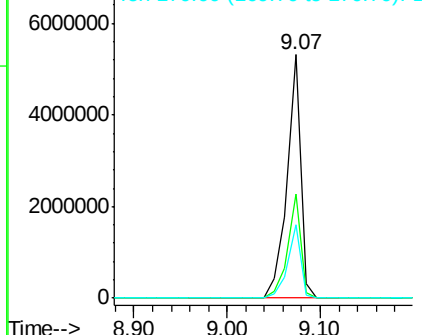
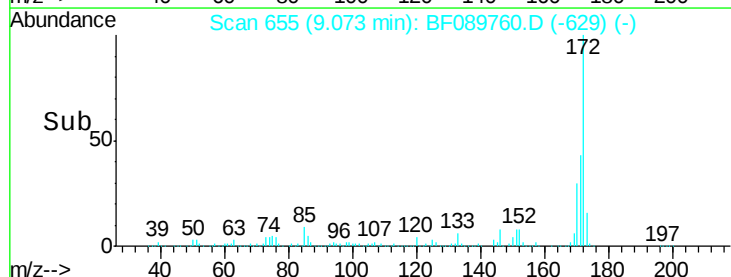


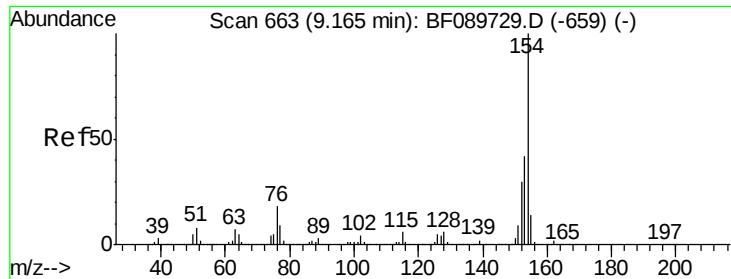
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





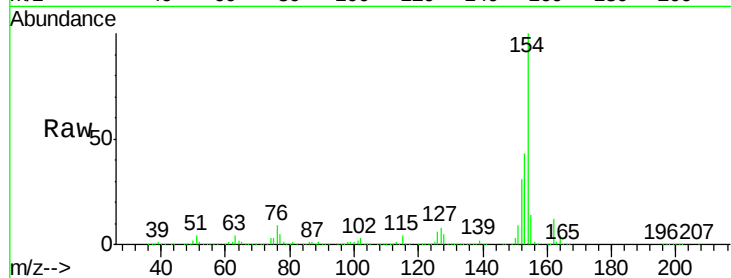
#45  
 1,1'-Biphenyl  
 Concen: 37.79 ng  
 RT: 9.18 min Scan# 664  
 Delta R.T. 0.01 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

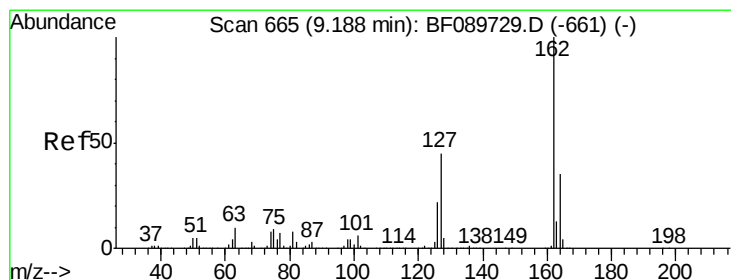
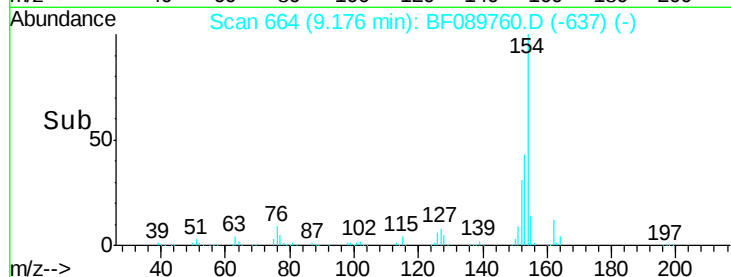
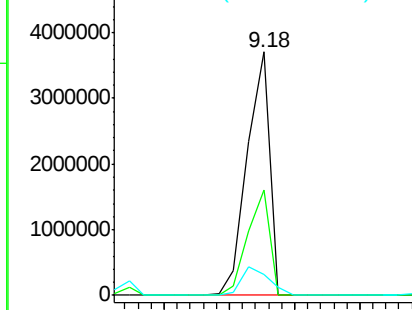
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.2  | 21.5  | 61.5  |
| 76      | 8.8   | 0.0   | 36.7  |

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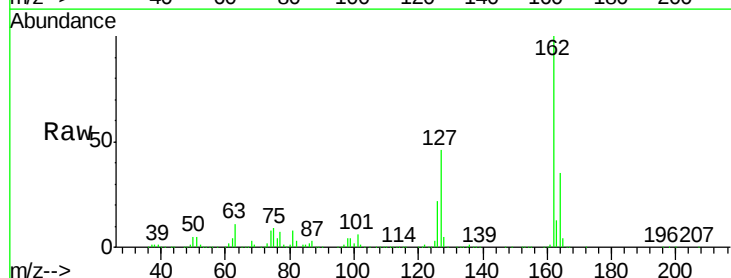


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

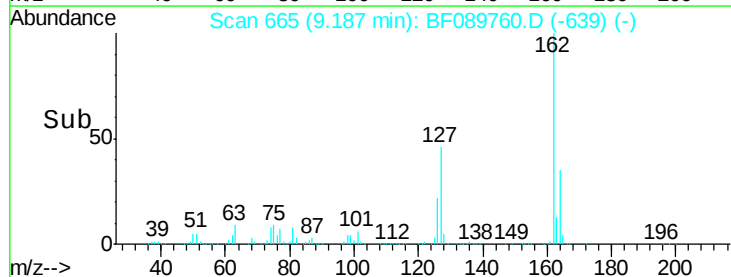
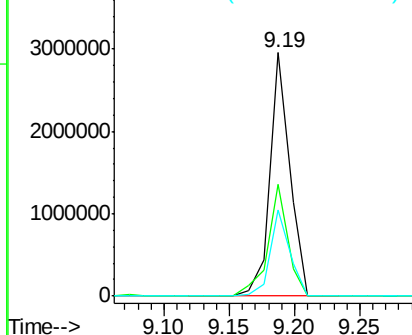


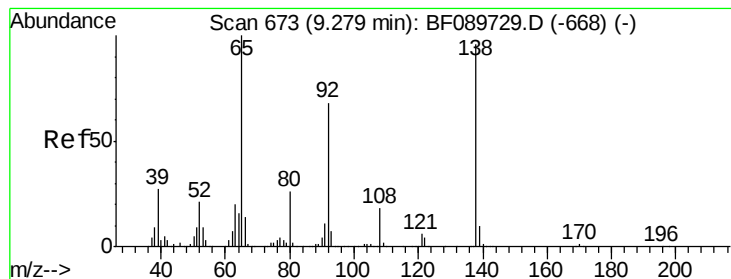
#46  
 2-Chloronaphthalene  
 Concen: 35.97 ng  
 RT: 9.19 min Scan# 665  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 45.7  | 35.5  | 53.3  |
| 164     | 35.3  | 26.6  | 40.0  |



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: 44.79 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 1197600

Ion Ratio Lower Upper

65 100

92 79.0 56.3 84.5

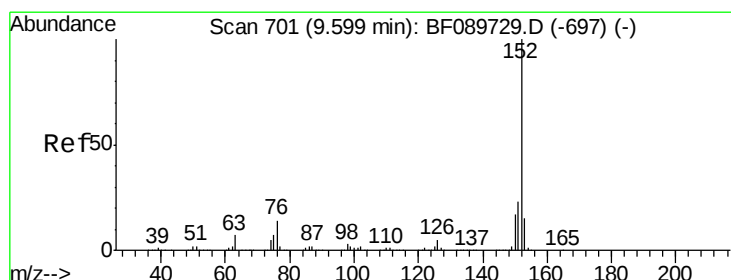
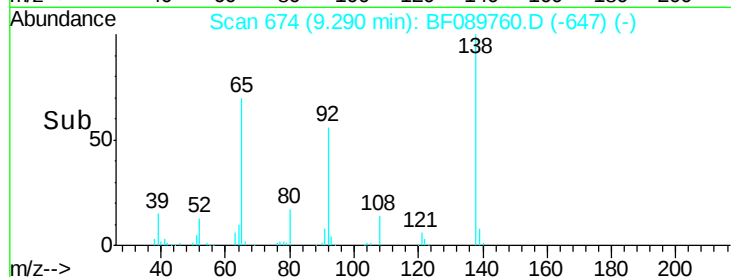
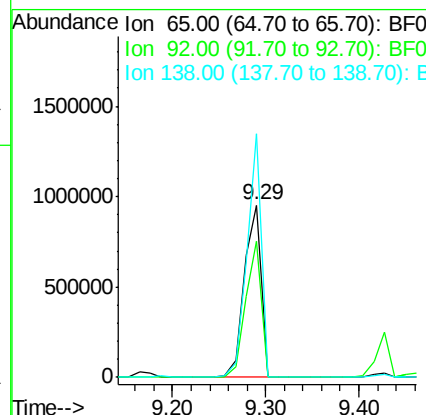
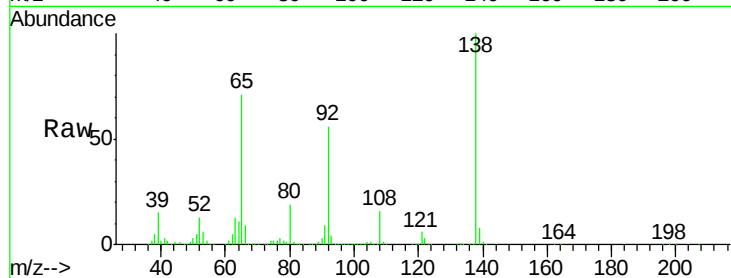
138 141.2 81.8 122.8#

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#48

Acenaphthylene

Concen: 39.05 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

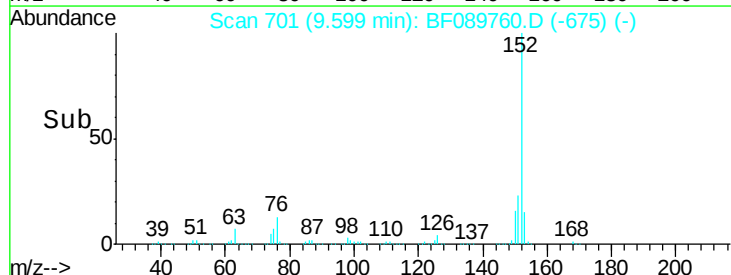
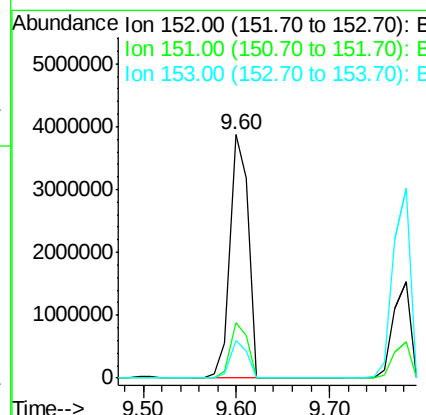
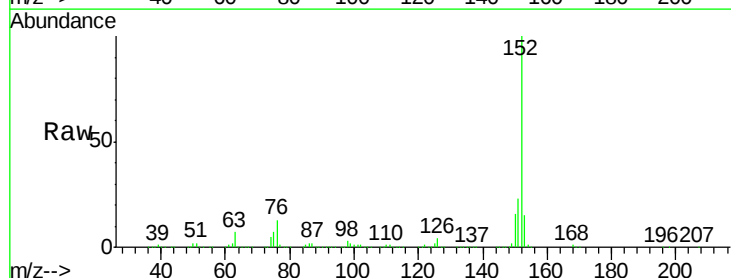
Tgt Ion: 152 Resp: 5274533

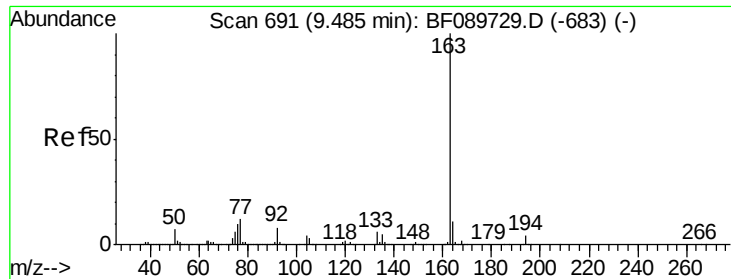
Ion Ratio Lower Upper

152 100

151 22.7 17.1 25.7

153 15.3 11.2 16.8





#49

Dimethylphthalate

Concen: 40.92 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

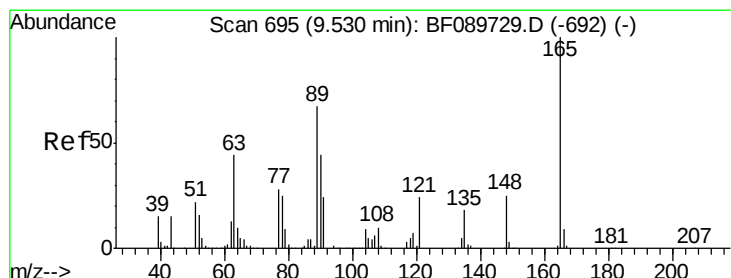
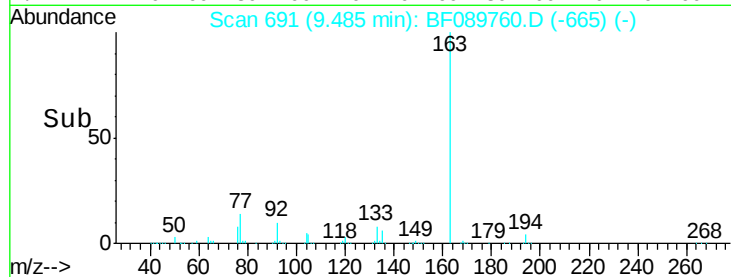
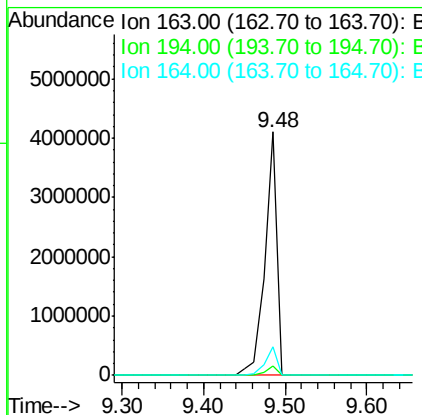
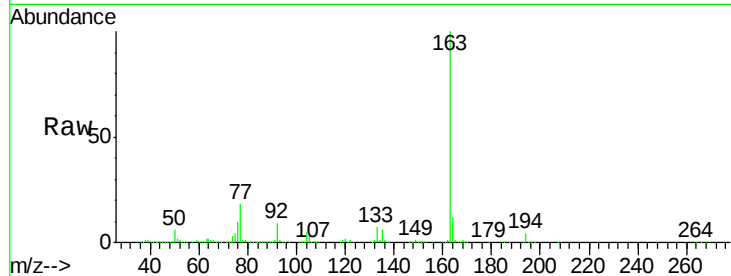
ClientSampled :

SSTDCCC040

Tot Ion:163 Resp: 4186546  
 Ion Ratio Lower Upper  
 163 100  
 194 3.9 2.6 3.8#  
 164 11.5 8.6 12.8

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#50

2,6-Dinitrotoluene

Concen: 36.31 ng

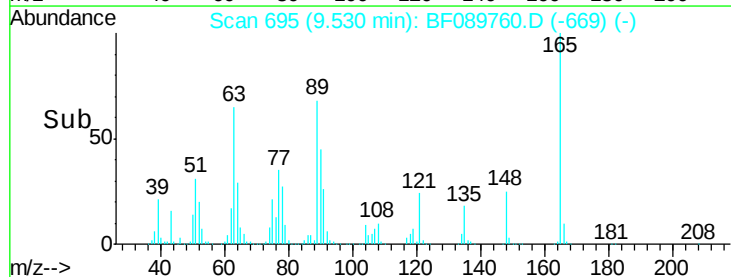
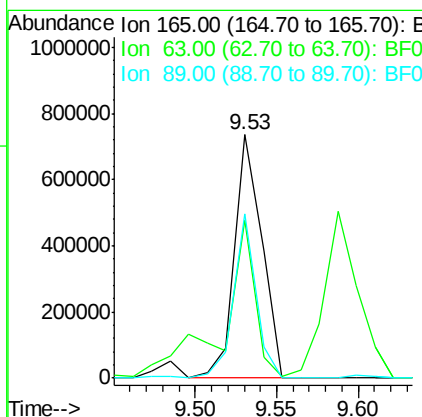
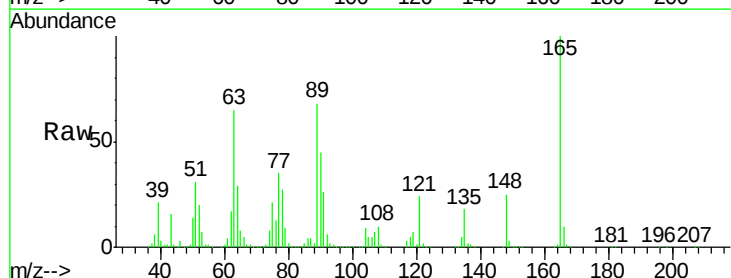
RT: 9.53 min Scan# 695

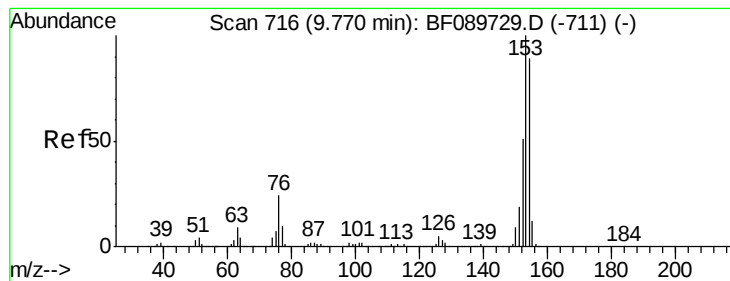
Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Tgt Ion:165 Resp: 840782  
 Ion Ratio Lower Upper  
 165 100  
 63 64.6 41.7 62.5#  
 89 67.7 44.6 67.0#





#51

Acenaphthene

Concen: 39.86 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 3633544

Ion Ratio Lower Upper

154 100

153 111.0 90.5 135.7

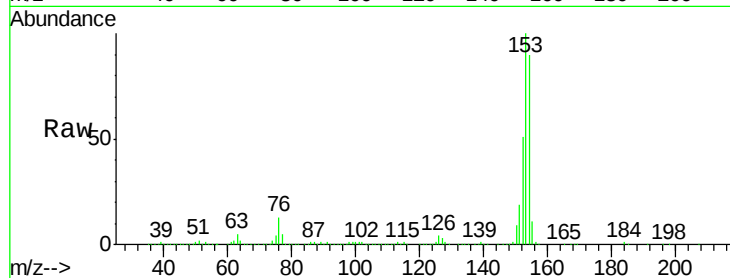
152 56.1 44.6 67.0

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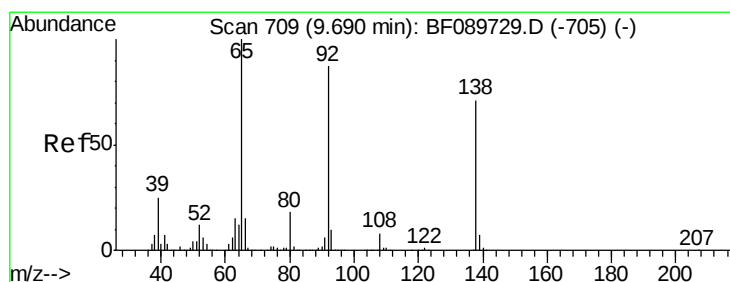
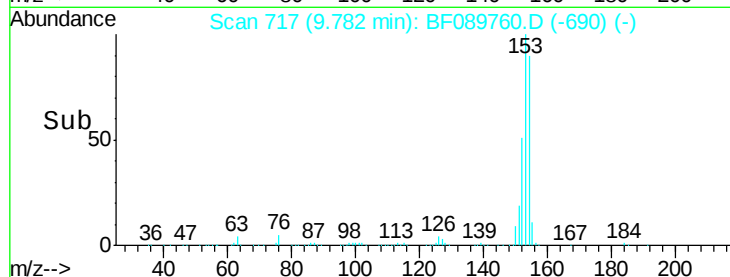
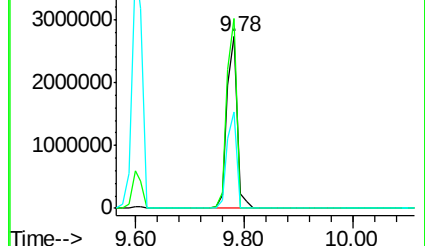
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.26 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

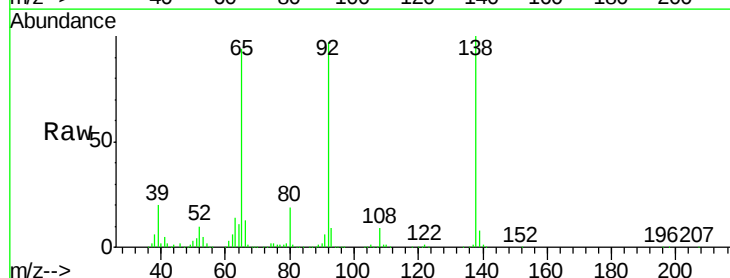
Tgt Ion:138 Resp: 1245332

Ion Ratio Lower Upper

138 100

108 9.1 8.1 12.1

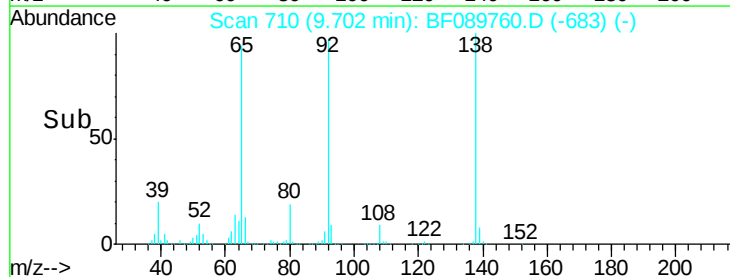
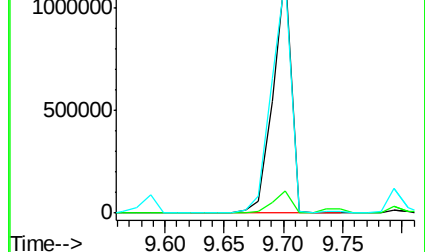
92 96.9 92.7 139.1

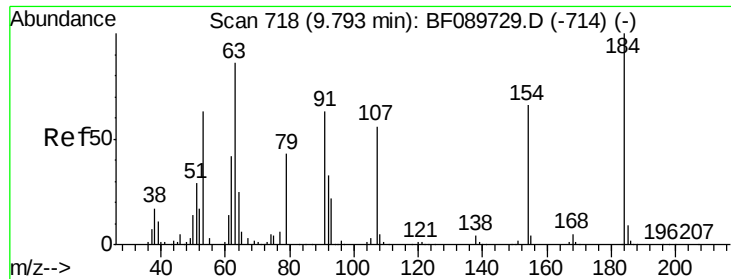


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





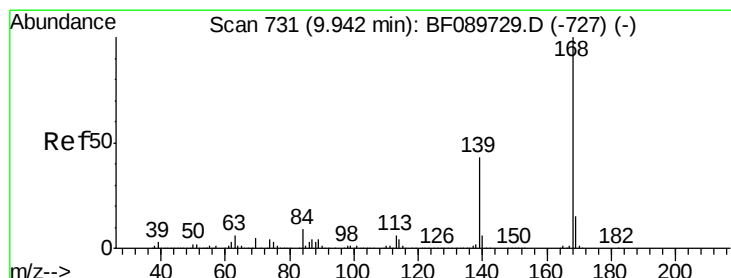
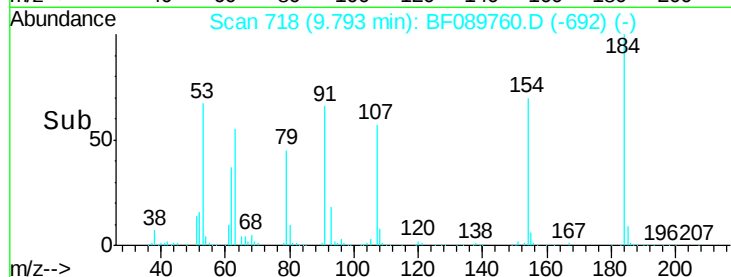
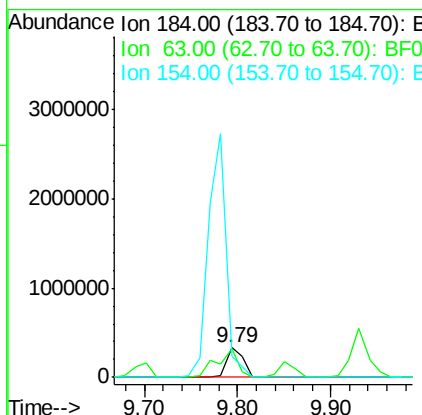
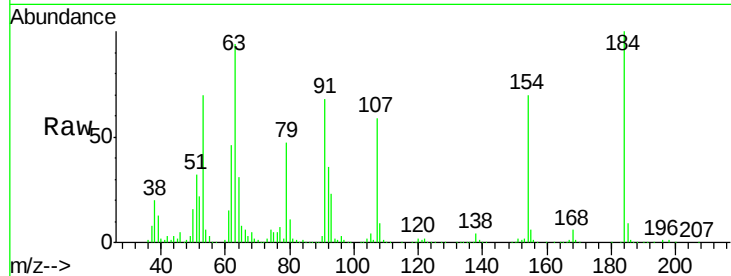
#53  
2,4-Dinitrophenol  
Concen: 40.59 ng  
RT: 9.79 min Scan# 718  
Delta R.T. 0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 94.5  | 54.2  | 81.4# |
| 154     | 70.0  | 52.7  | 79.1  |

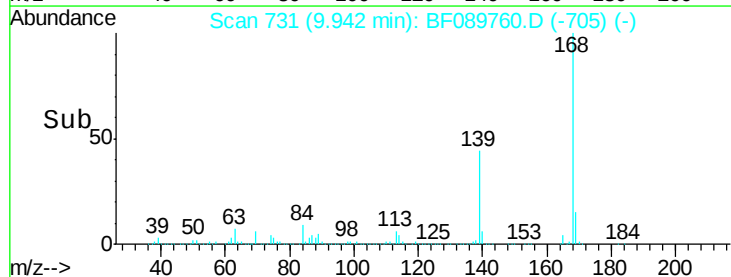
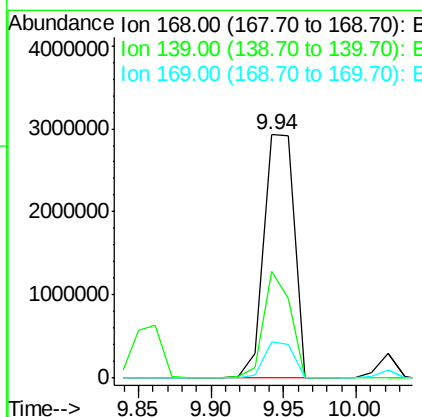
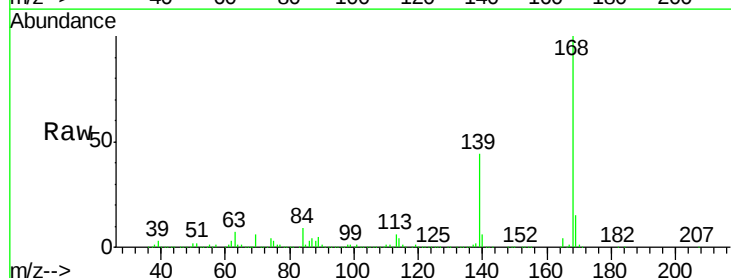
Manual Integrations  
APPROVED

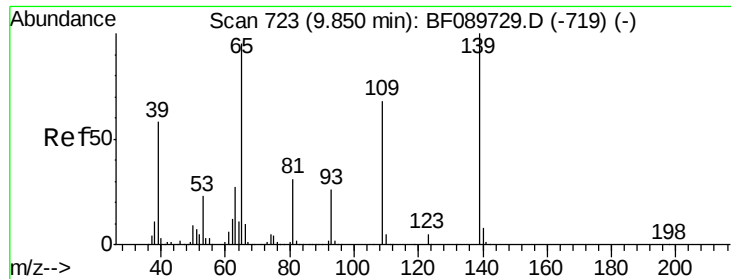
sohil  
8/18/2016 5:59:00 PM



#54  
Dibenzofuran  
Concen: 37.80 ng  
RT: 9.94 min Scan# 731  
Delta R.T. -0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 43.8  | 34.6  | 52.0  |
| 169     | 15.1  | 11.5  | 17.3  |





#55

4-Nitrophenol

Concen: 44.87 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 929283

Ion Ratio Lower Upper

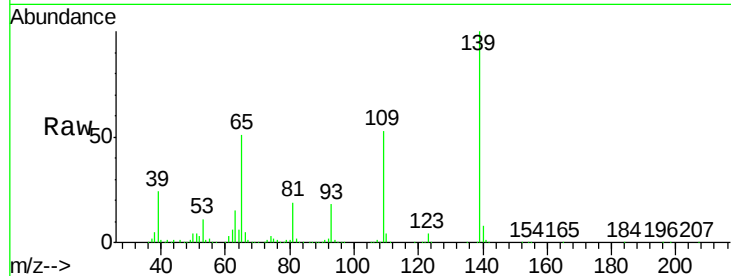
139 100

109 53.4 43.0 83.0

65 51.2 55.7 95.7#

Manual Integrations  
APPROVED

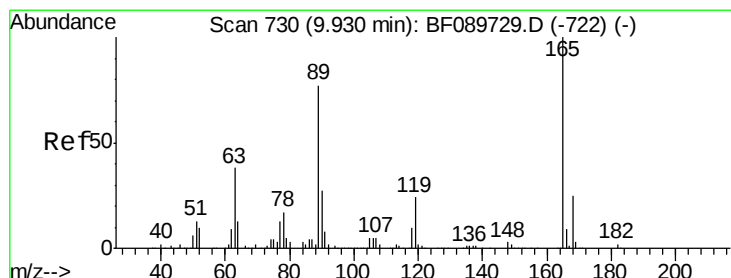
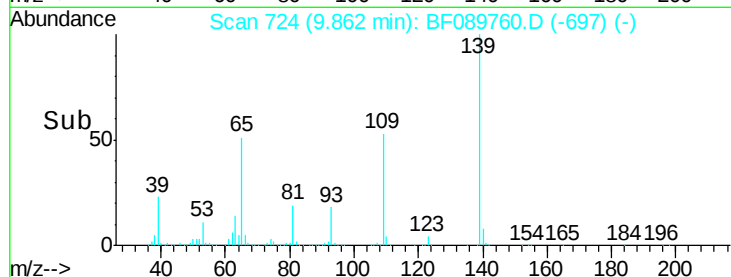
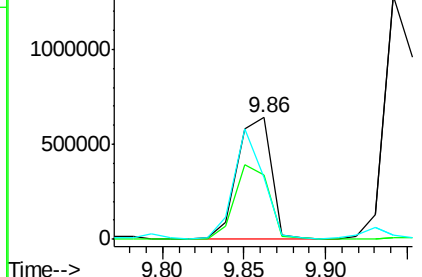
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.52 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Tgt Ion:165 Resp: 1116599

Ion Ratio Lower Upper

165 100

63 47.0 23.7 35.5#

89 80.7 44.0 66.0#

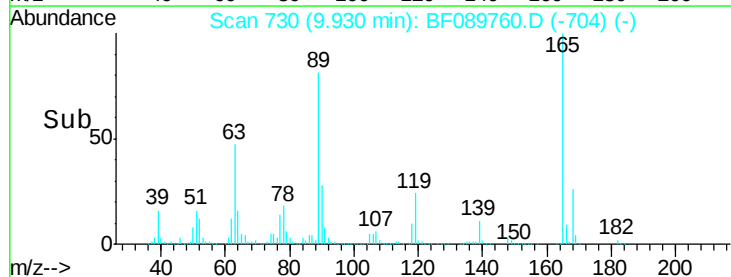
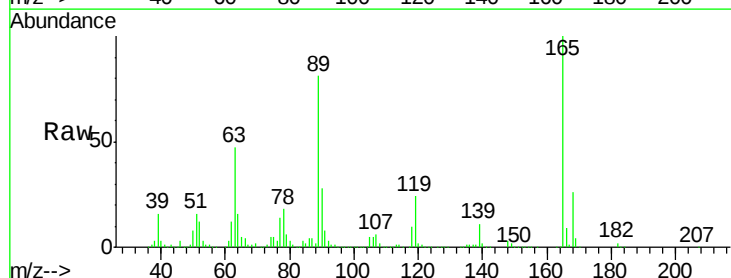
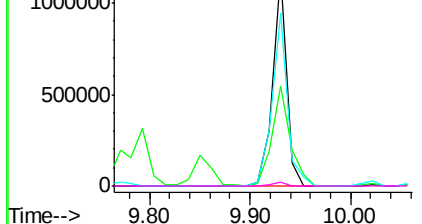
182 2.1 2.0 3.0

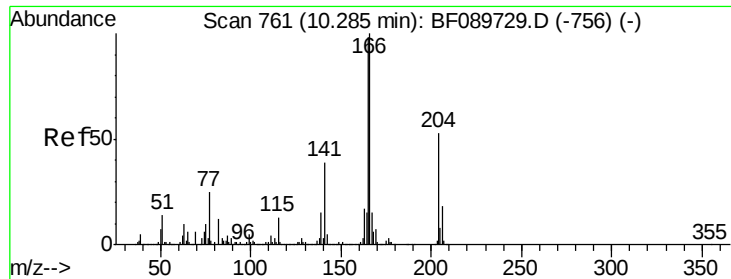
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





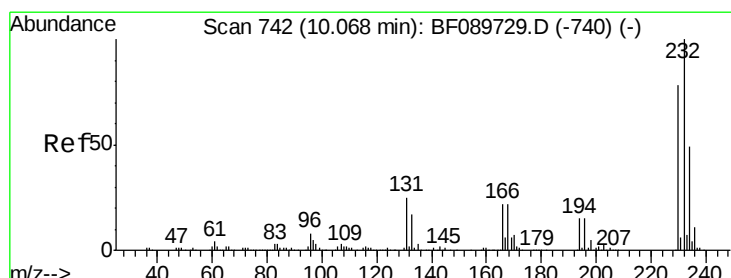
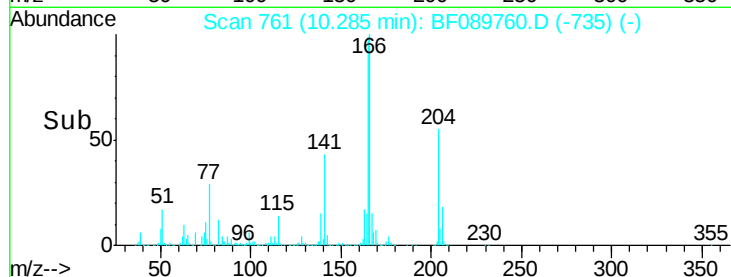
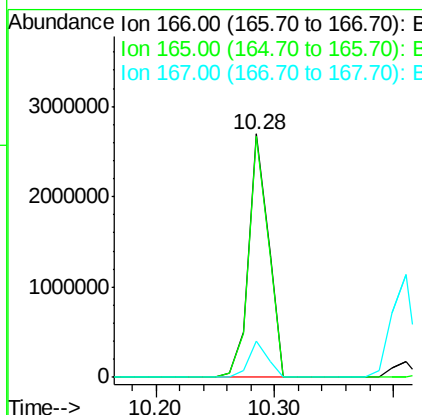
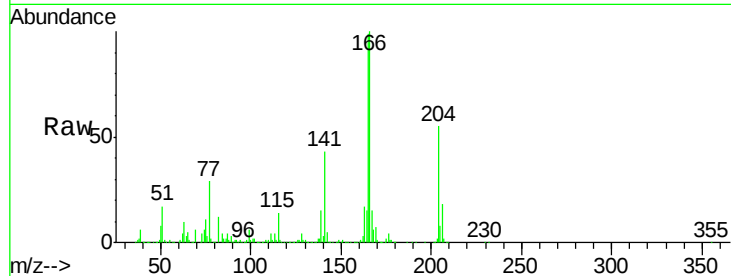
#57  
 Fluorene  
 Concen: 34.92 ng  
 RT: 10.28 min Scan# 761  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.8  | 80.2  | 120.4 |
| 167     | 15.0  | 11.3  | 16.9  |

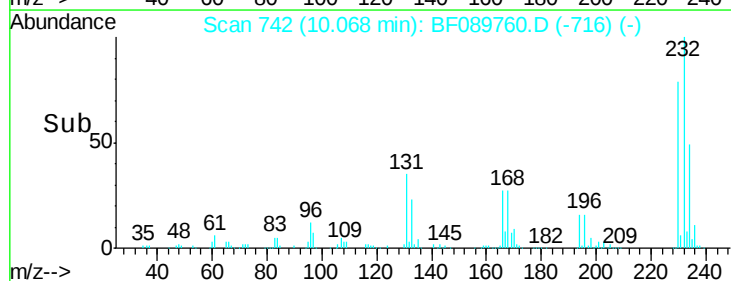
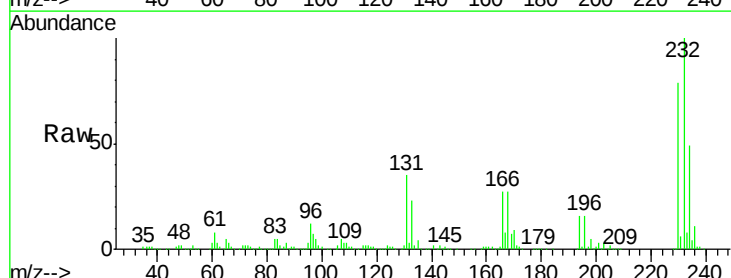
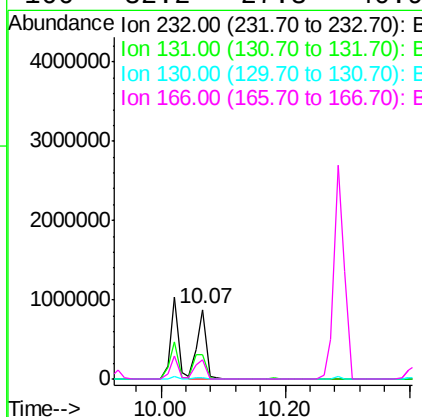
Manual Integrations  
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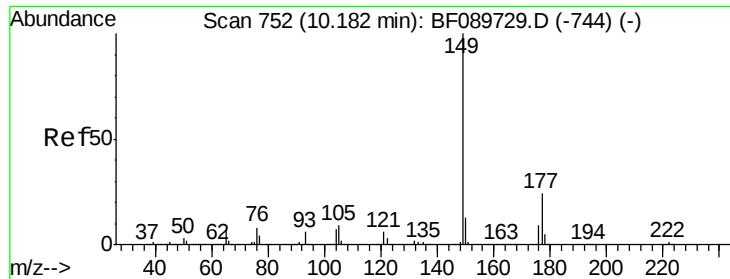
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.28 ng  
 RT: 10.07 min Scan# 742  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 48.0  | 42.5  | 63.7  |
| 130     | 2.4   | 2.2   | 3.4   |
| 166     | 32.2  | 27.3  | 40.9  |





#59

Diethylphthalate

Concen: 40.04 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 4153039

Ion Ratio Lower Upper

149 100

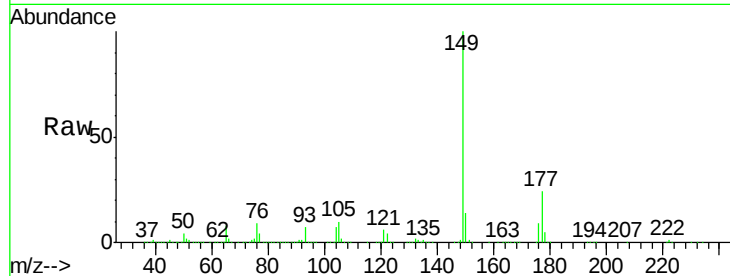
177 23.7 16.6 25.0

150 13.7 10.5 15.7

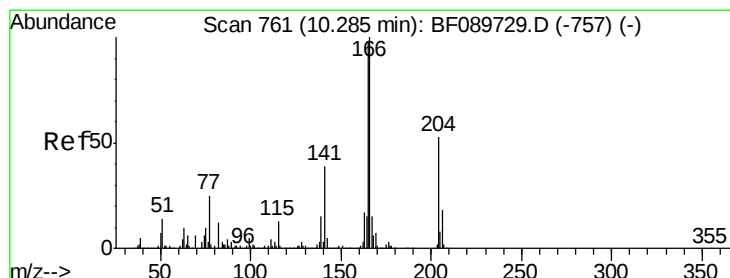
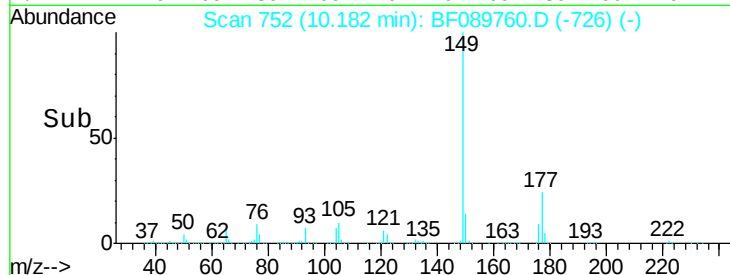
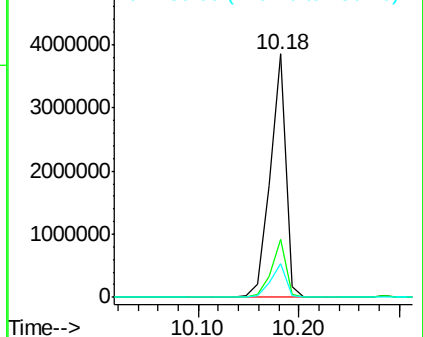
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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 30.85 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

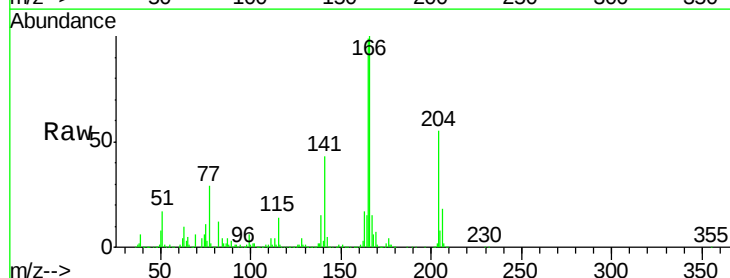
Tgt Ion:204 Resp: 1372459

Ion Ratio Lower Upper

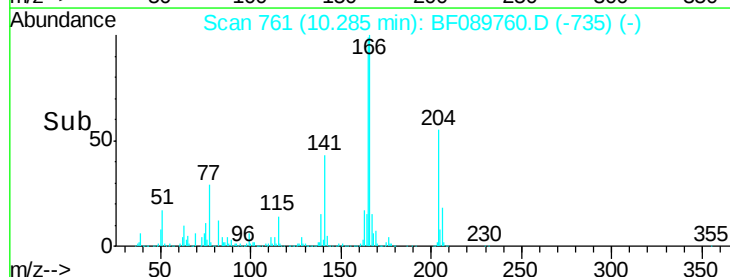
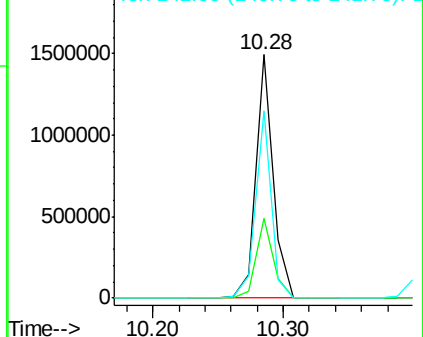
204 100

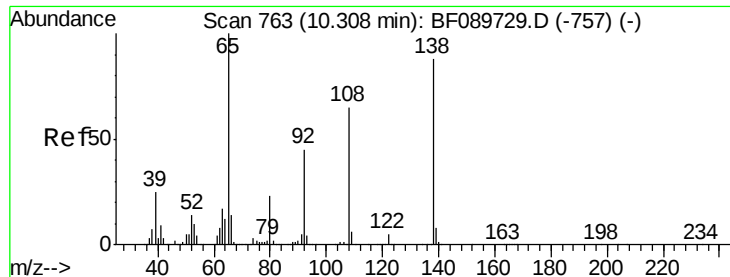
206 32.9 26.5 39.7

141 77.1 54.1 81.1



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





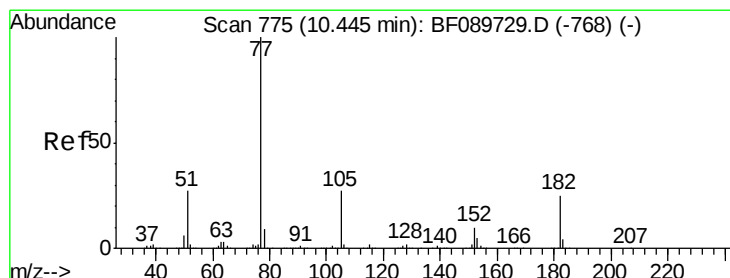
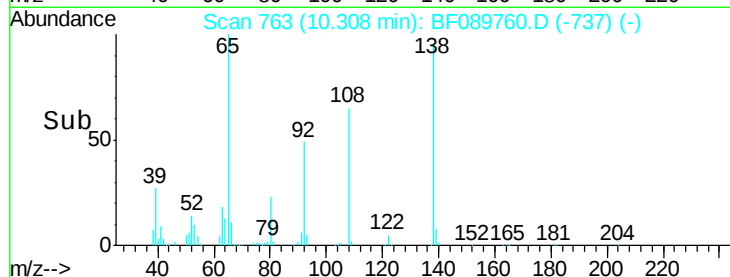
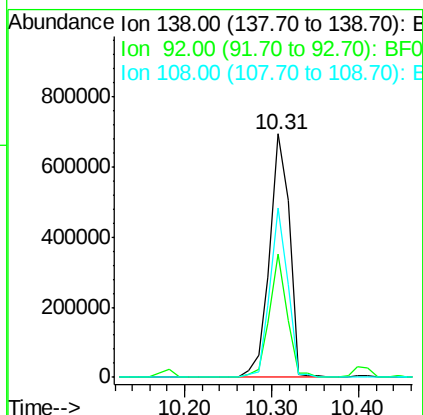
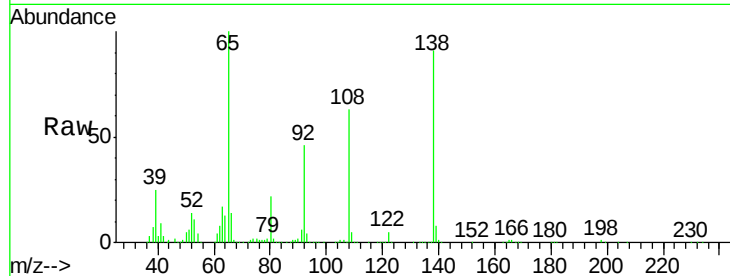
#61  
4-Nitroaniline  
Concen: 41.81 ng  
RT: 10.31 min Scan# 763  
Delta R.T. -0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:138 Resp: 1092851  
Ion Ratio Lower Upper  
138 100  
92 50.5 26.4 66.4  
108 69.4 47.0 87.0

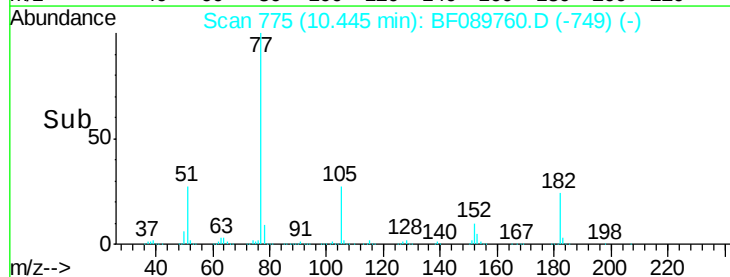
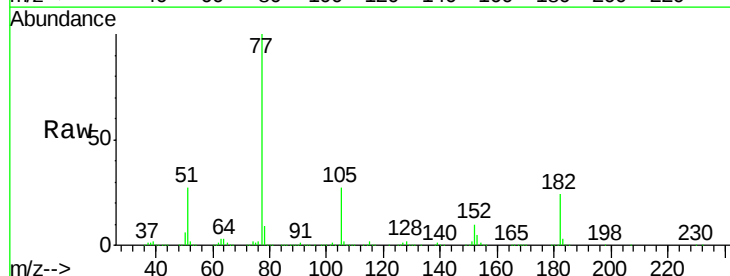
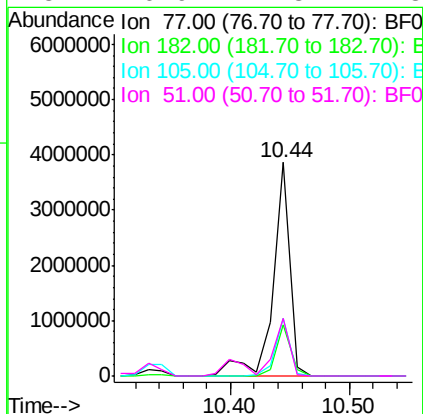
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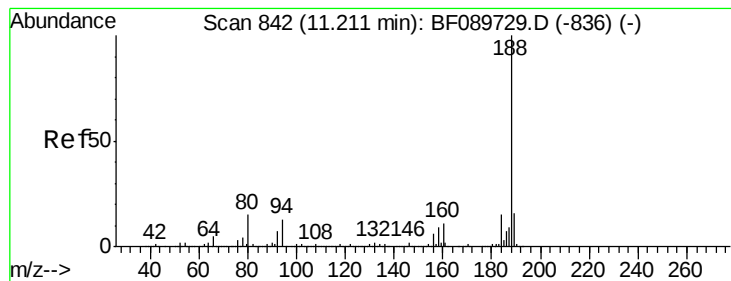
sohil  
8/18/2016 5:59:00 PM



#62  
Azobenzene  
Concen: 39.19 ng  
RT: 10.44 min Scan# 775  
Delta R.T. -0.00 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Tgt Ion: 77 Resp: 3841198  
Ion Ratio Lower Upper  
77 100  
182 24.0 5.6 45.6  
105 27.2 4.0 44.0  
51 26.9 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 2523895

Ion Ratio Lower Upper

188 100

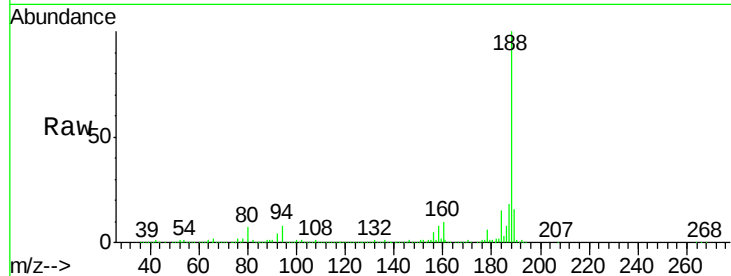
94 7.5 10.2 15.2#

80 7.4 10.9 16.3#

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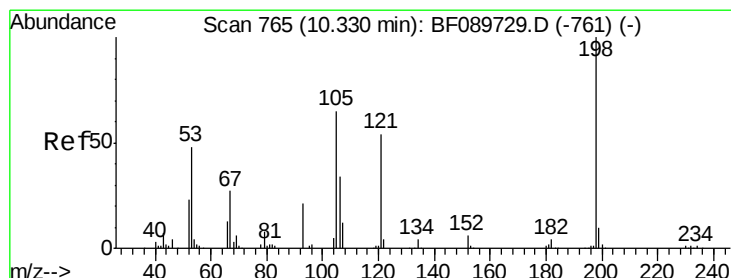
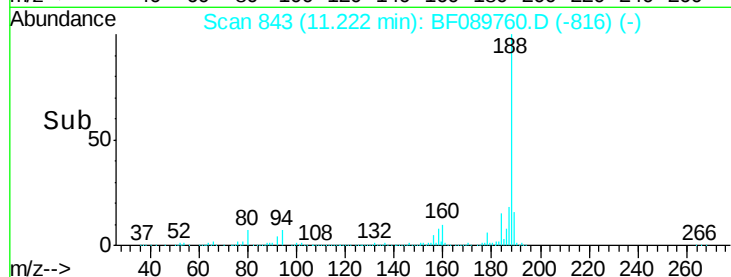
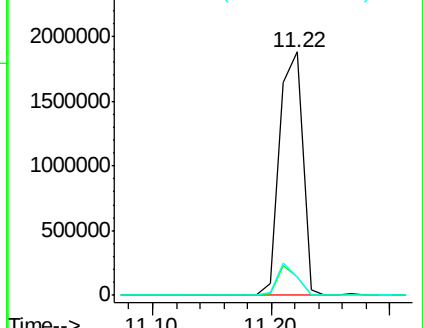
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.90 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

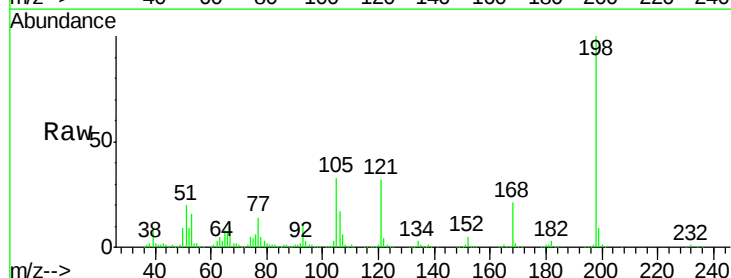
Tgt Ion:198 Resp: 672597

Ion Ratio Lower Upper

198 100

51 20.0 32.3 72.3#

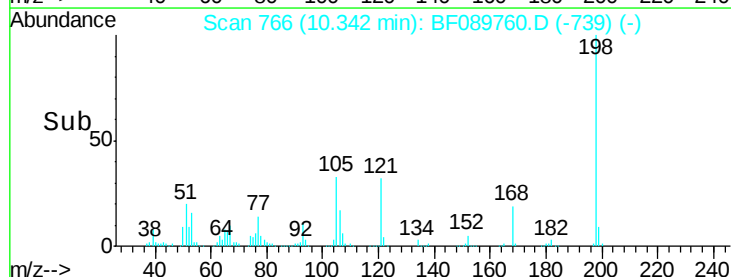
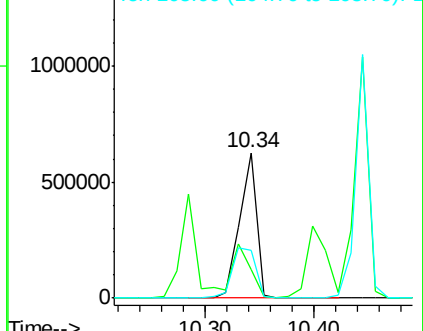
105 32.7 32.9 72.9#

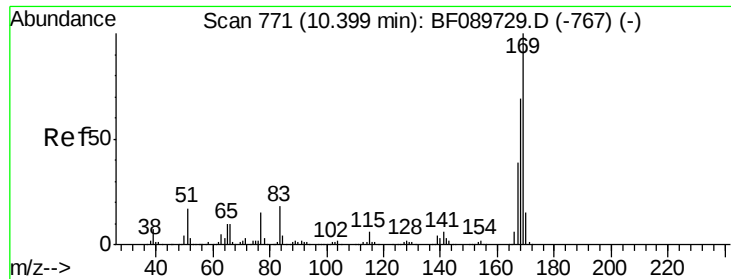


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.17 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

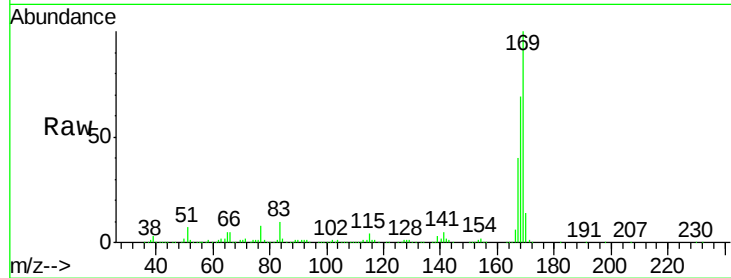
ClientSampleId :

SSTDCCC040

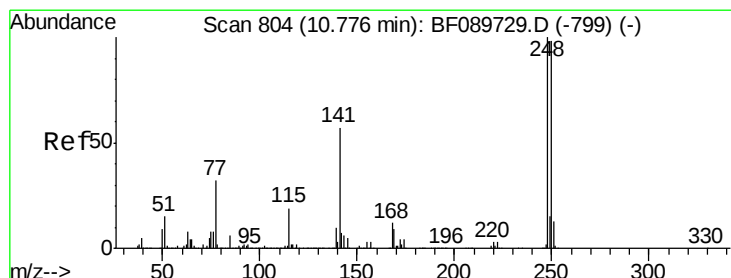
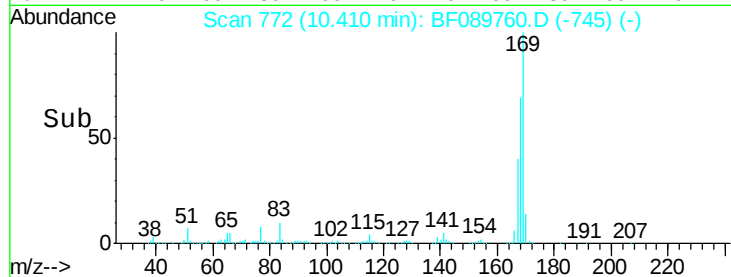
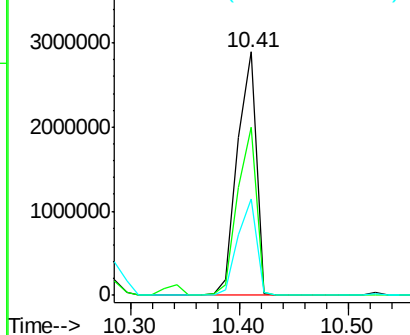
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.9  | 54.6  | 82.0  |
| 167     | 39.5  | 30.6  | 45.8  |

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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: 42.15 ng

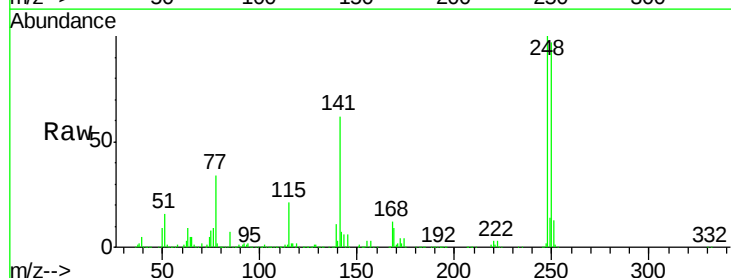
RT: 10.78 min Scan# 804

Delta R.T. -0.00 min

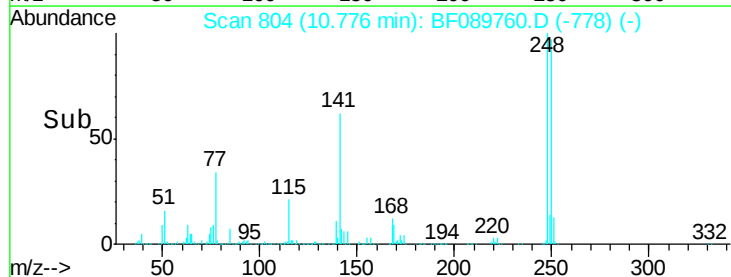
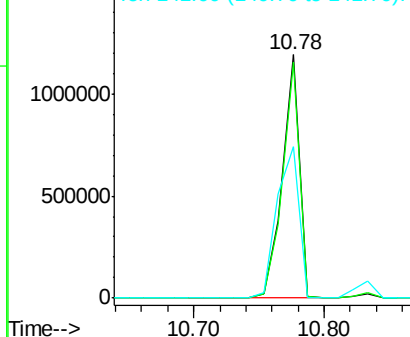
Lab File: BF089760.D

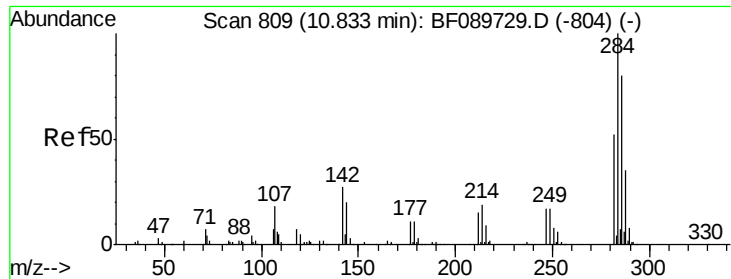
Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.8  | 78.6  | 117.8 |
| 141     | 62.4  | 31.4  | 47.2  |



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: 39.55 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:284 Resp: 1149050

Ion Ratio Lower Upper

284 100

142 36.0 17.4 26.2#

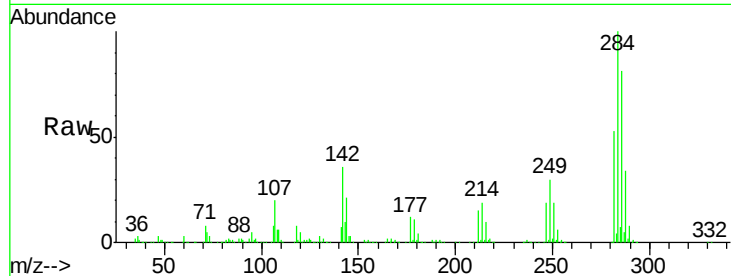
249 30.0 22.8 34.2

Manual Integrations

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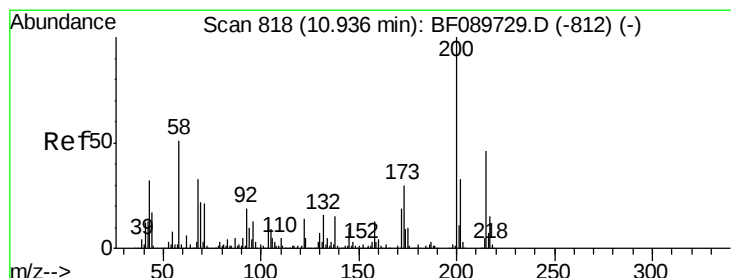
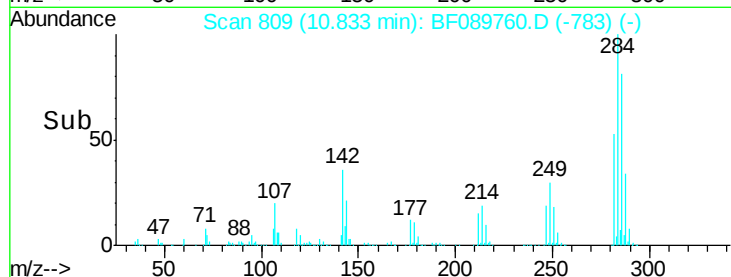
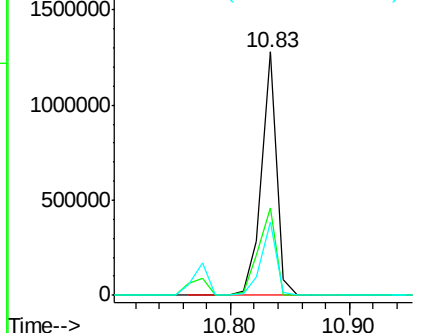
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.98 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

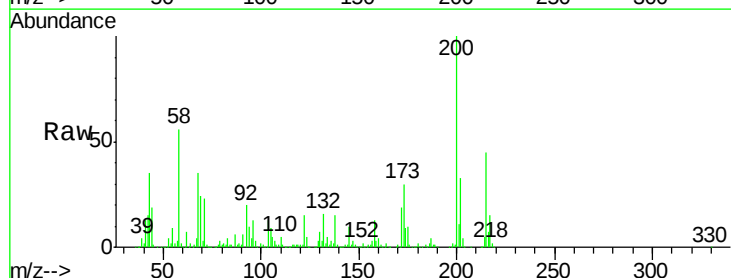
Tgt Ion:200 Resp: 863147

Ion Ratio Lower Upper

200 100

173 29.9 6.6 46.6

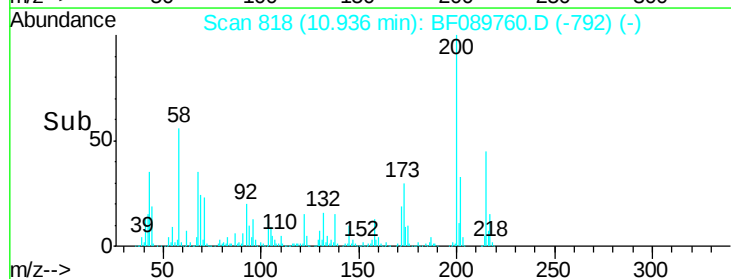
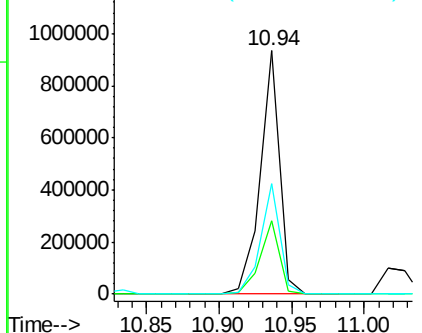
215 45.5 24.7 64.7

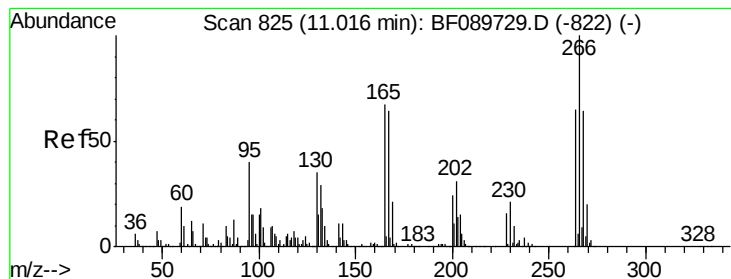


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 42.43 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

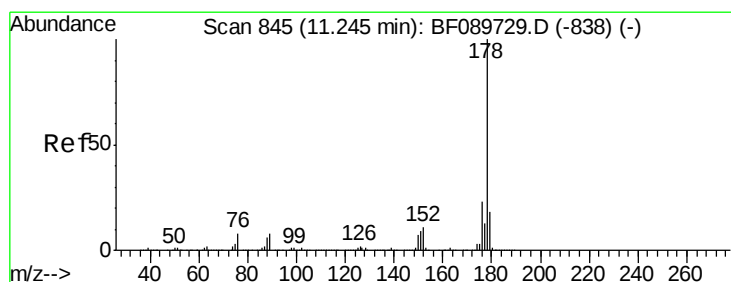
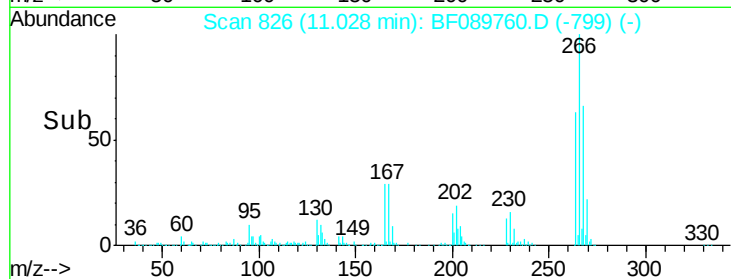
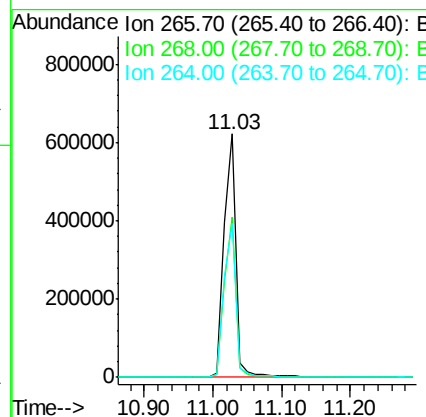
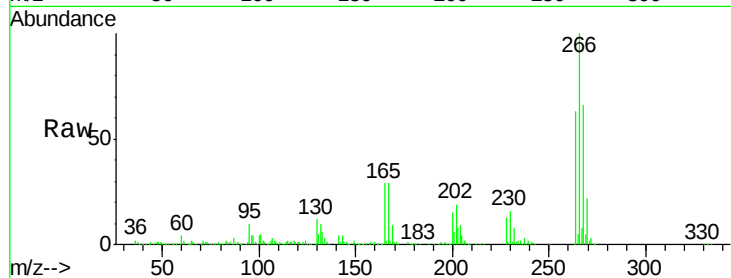
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 266  | Resp: | 768137 |
| Ion Ratio |      | Lower | Upper  |
| 266       | 100  |       |        |
| 268       | 65.7 | 53.2  | 79.8   |
| 264       | 63.2 | 51.1  | 76.7   |

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#70

Phenanthrene

Concen: 40.25 ng

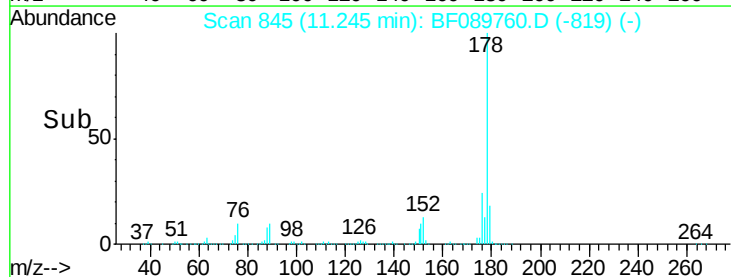
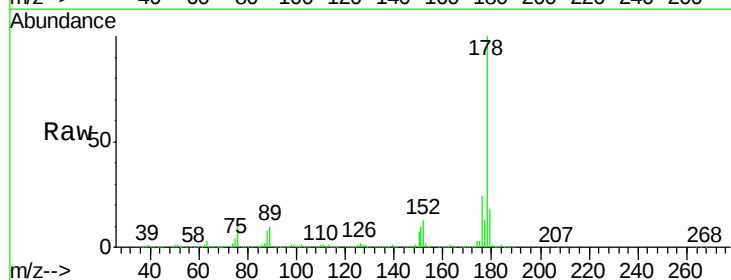
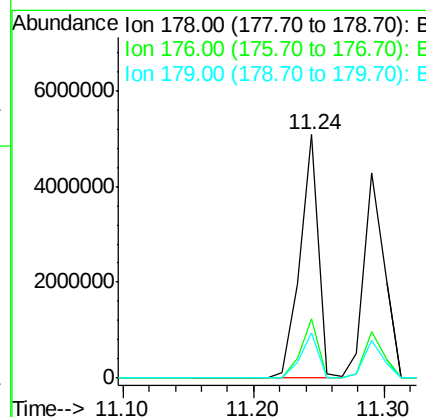
RT: 11.24 min Scan# 845

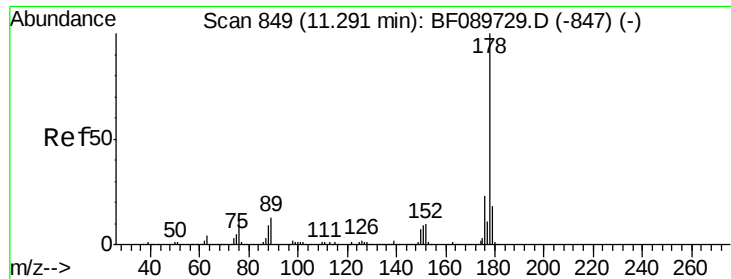
Delta R.T. 0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 178  | Resp: | 4993217 |
| Ion Ratio |      | Lower | Upper   |
| 178       | 100  |       |         |
| 176       | 24.3 | 16.4  | 24.6    |
| 179       | 18.5 | 12.5  | 18.7    |





#71  
 Anthracene  
 Concen: 36.05 ng  
 RT: 11.29 min Scan# 849  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

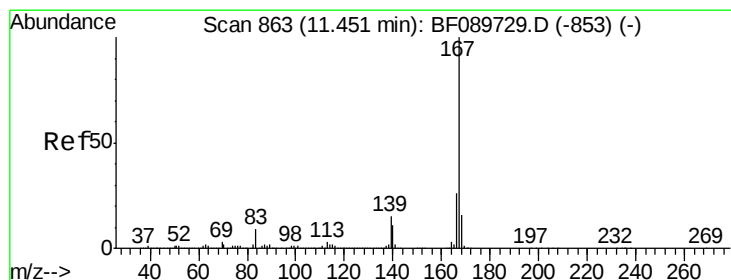
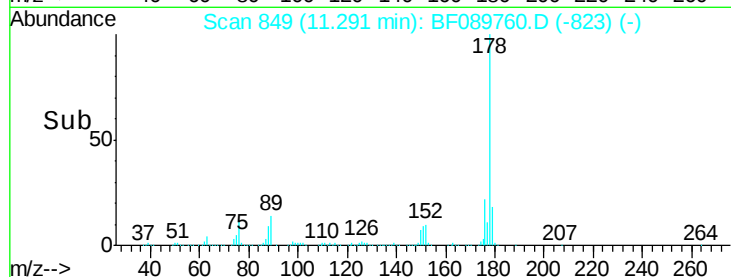
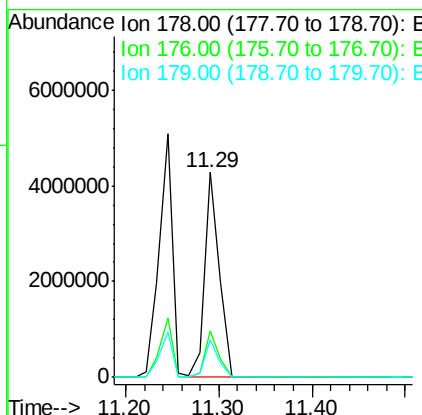
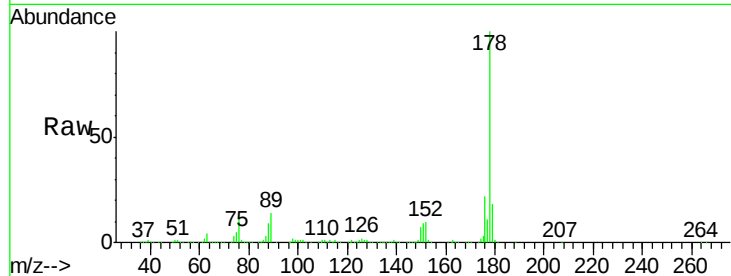
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 4673312  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 22.5  | 16.4  | 24.6  |
| 179 | 18.3  | 13.1  | 19.7  |

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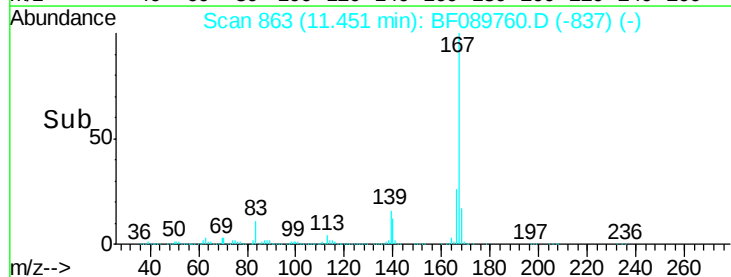
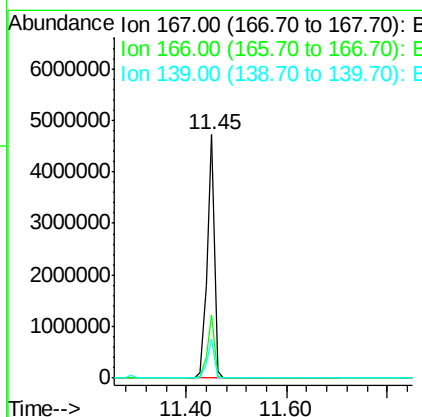
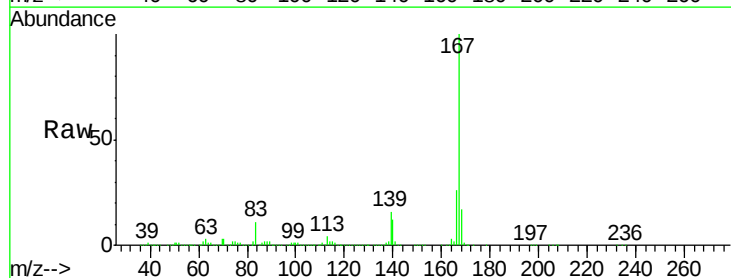
sohil  
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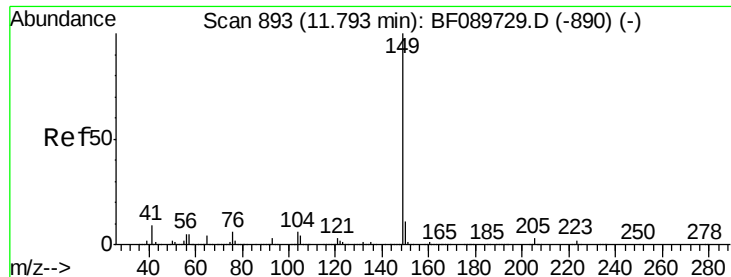


#72  
 Carbazole  
 Concen: 38.03 ng  
 RT: 11.45 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

Tgt Ion:167 Resp: 4670742  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.7  | 17.9  | 26.9  |
| 139 | 16.2  | 12.4  | 18.6  |





#73

Di-n-butylphthalate

Concen: 38.14 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 5697577

Ion Ratio Lower Upper

149 100

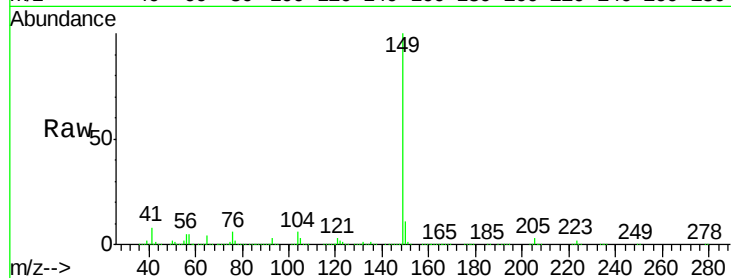
150 11.1 7.9 11.9

104 5.9 4.3 6.5

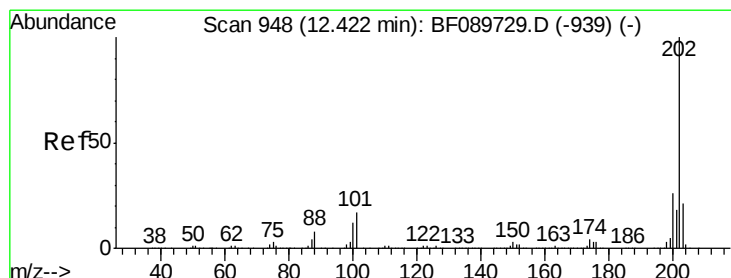
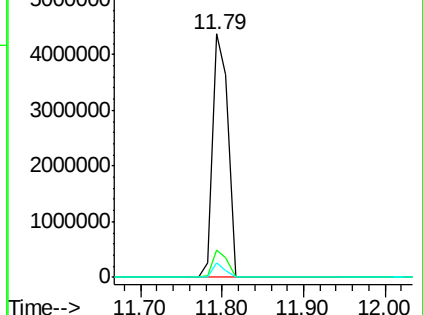
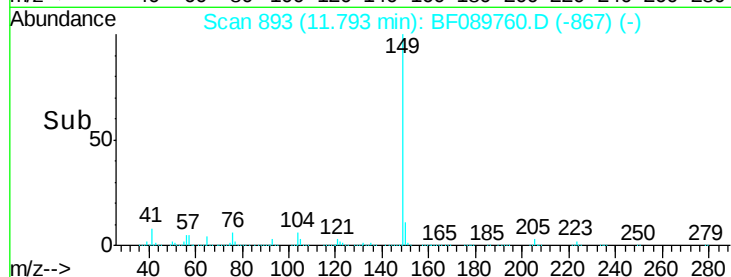
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Abundance Ion 149.00 (148.70 to 149.70): E  
6000000  
Ion 150.00 (149.70 to 150.70): E  
5000000  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.73 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

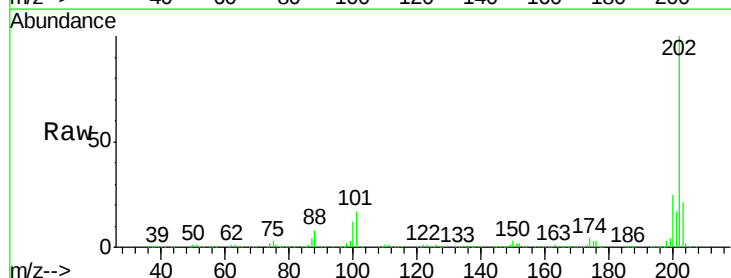
Tgt Ion:202 Resp: 4453445

Ion Ratio Lower Upper

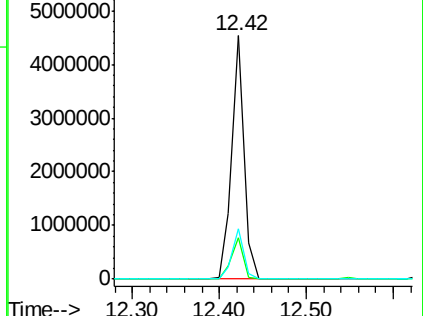
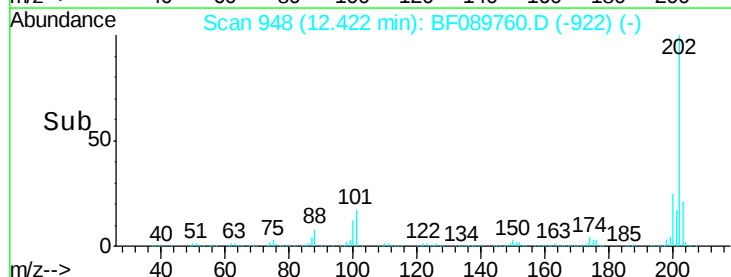
202 100

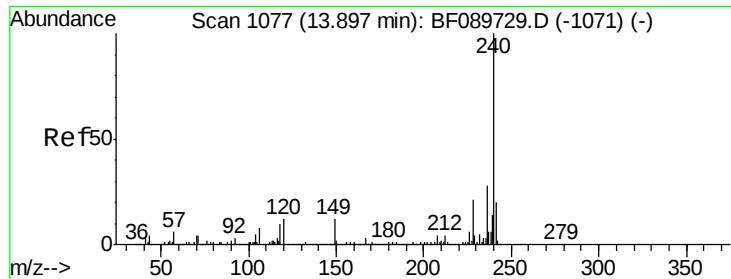
101 17.2 0.0 31.2

203 20.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E  
6000000  
Ion 101.00 (100.70 to 101.70): E  
5000000  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 1936594

Ion Ratio Lower Upper

240 100

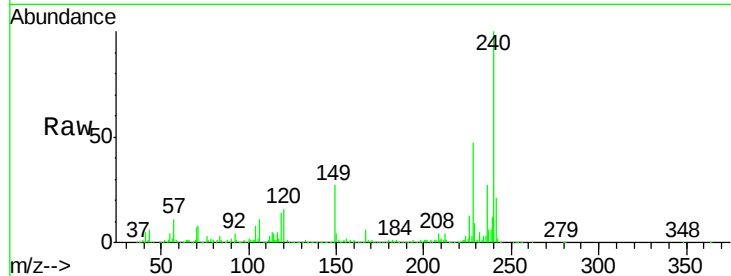
120 16.0 8.3 12.5#

236 27.5 21.3 31.9

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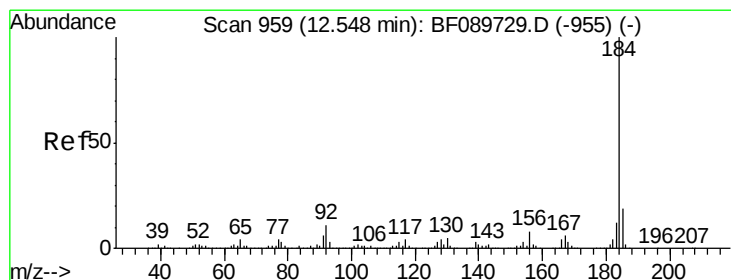
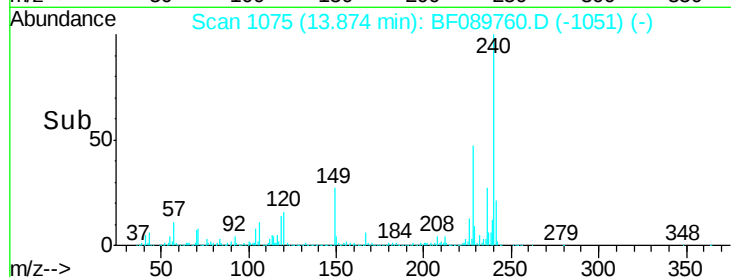
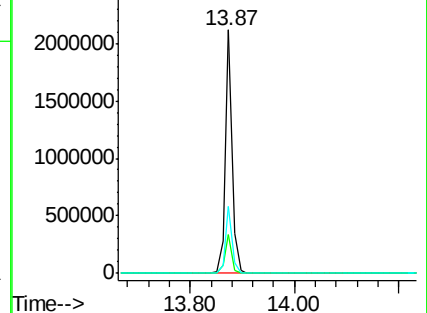
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.55 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

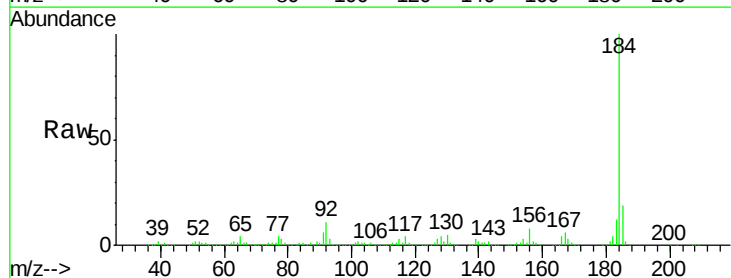
Tgt Ion:184 Resp: 2679247

Ion Ratio Lower Upper

184 100

185 18.6 13.8 20.8

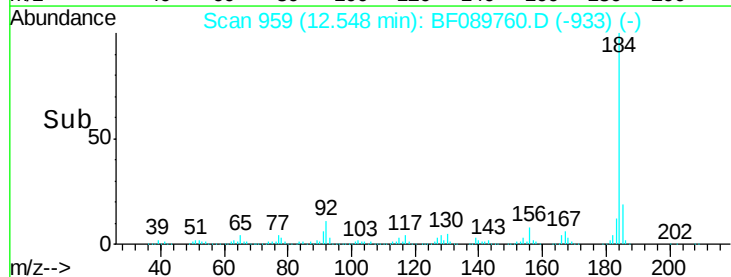
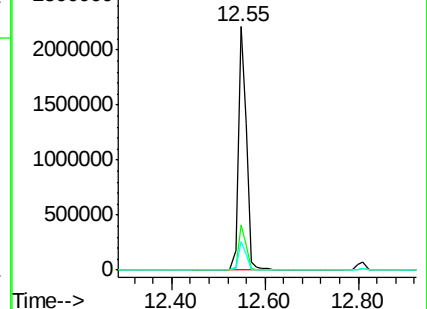
183 11.9 9.7 14.5

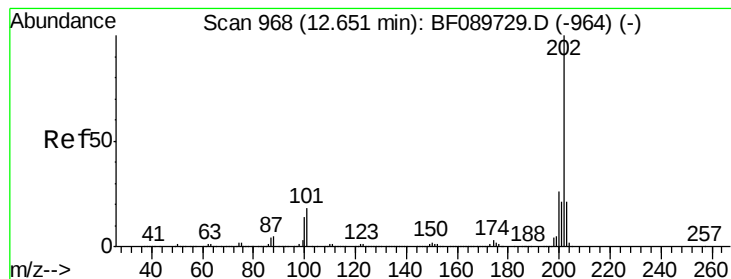


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.81 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 4791237

Ion Ratio Lower Upper

202 100

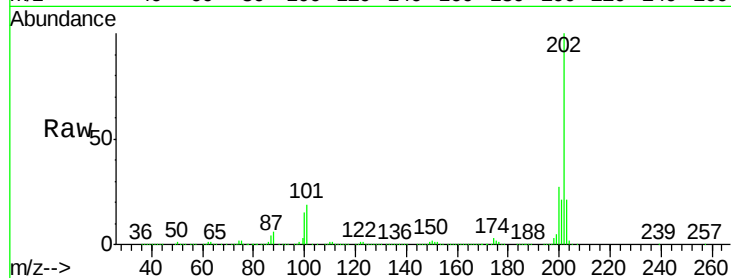
200 26.5 17.8 26.6

203 21.0 14.2 21.4

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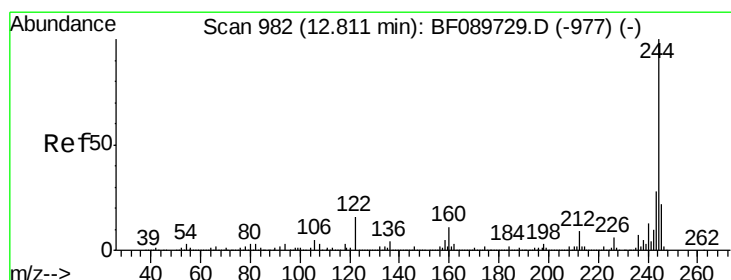
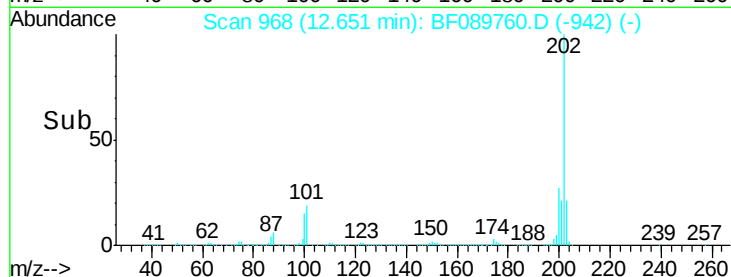
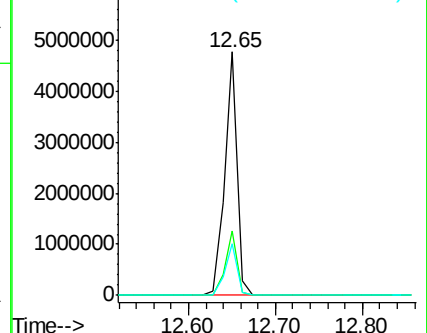
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.81 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

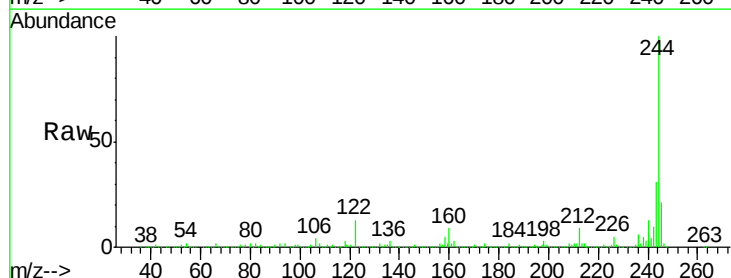
Tgt Ion:244 Resp: 5173699

Ion Ratio Lower Upper

244 100

212 9.0 6.3 9.5

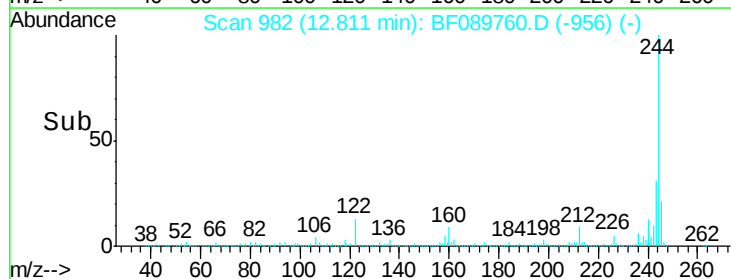
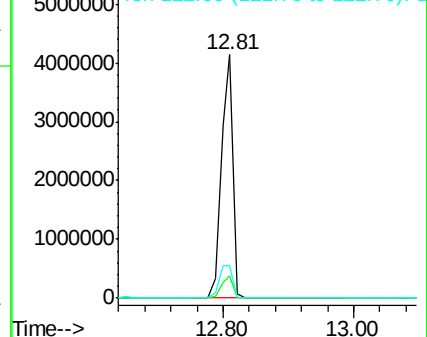
122 13.3 12.0 18.0

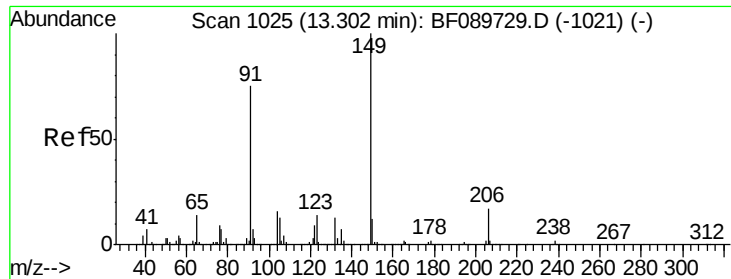


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





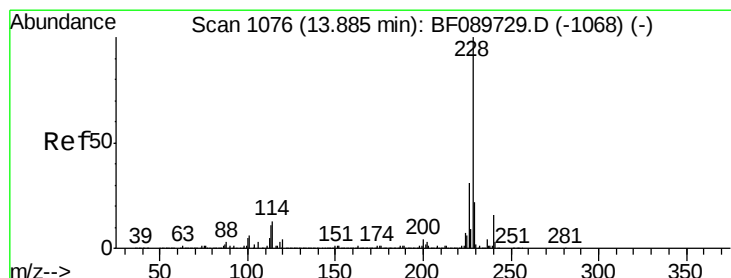
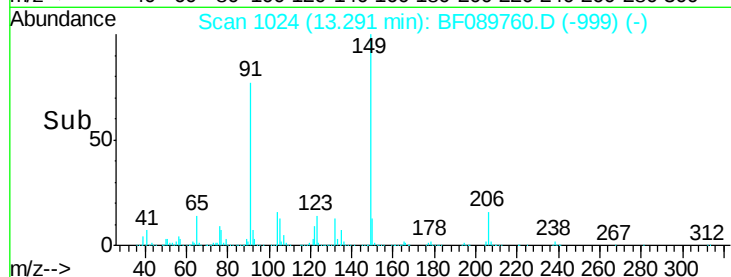
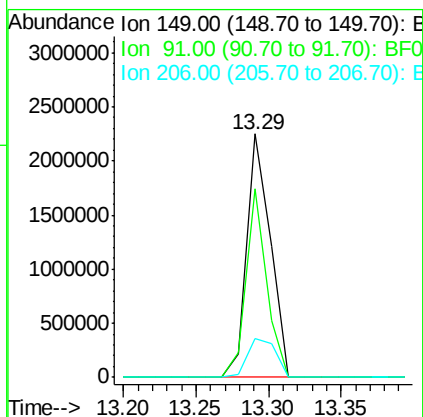
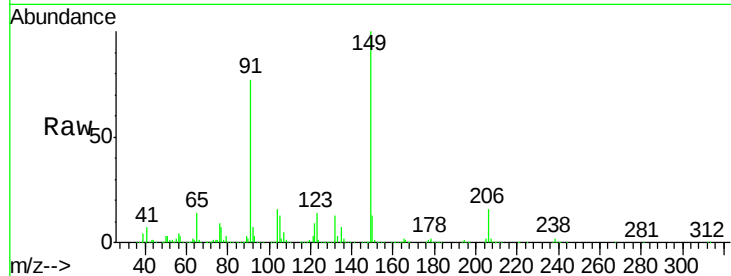
#79  
Butylbenzylphthalate  
Concen: 39.76 ng  
RT: 13.29 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 2528160  
Ion Ratio Lower Upper  
149 100  
91 77.4 50.7 76.1#  
206 15.9 15.5 23.3

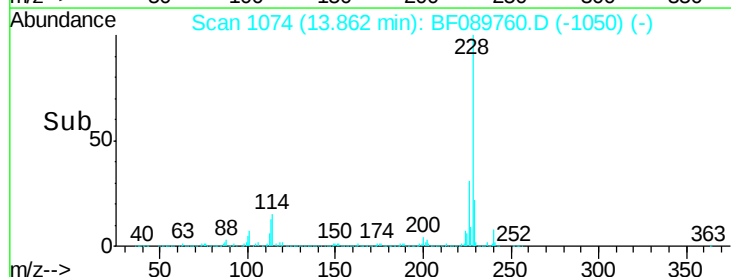
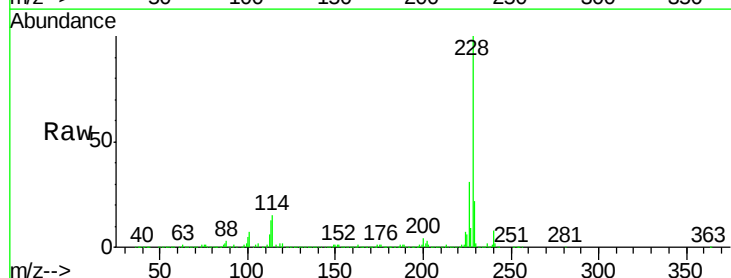
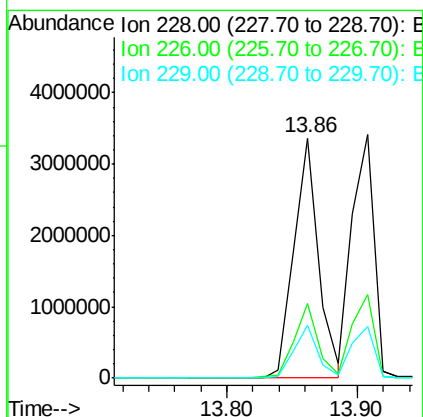
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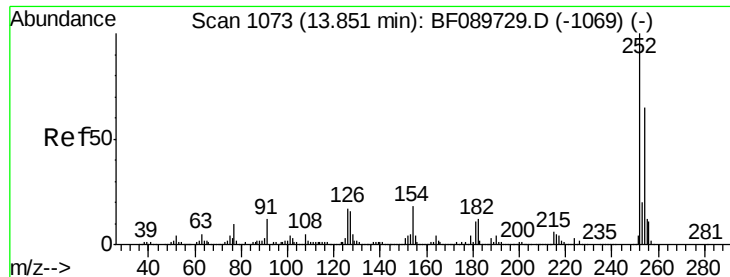
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#80  
Benzo(a)anthracene  
Concen: 39.43 ng  
RT: 13.86 min Scan# 1074  
Delta R.T. -0.02 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Tgt Ion:228 Resp: 4436313  
Ion Ratio Lower Upper  
228 100  
226 31.3 23.2 34.8  
229 22.1 16.2 24.4





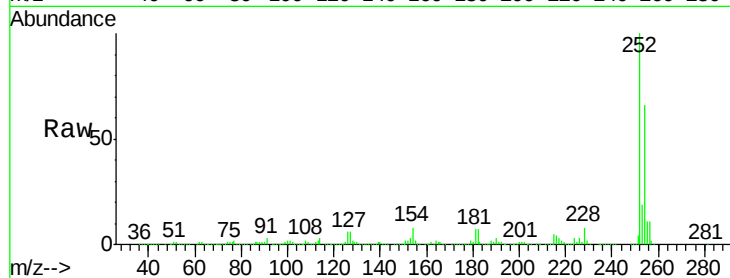
#81  
 3,3'-Dichlorobenzidine  
 Concen: 43.37 ng  
 RT: 13.84 min Scan# 1072  
 Delta R.T. -0.01 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

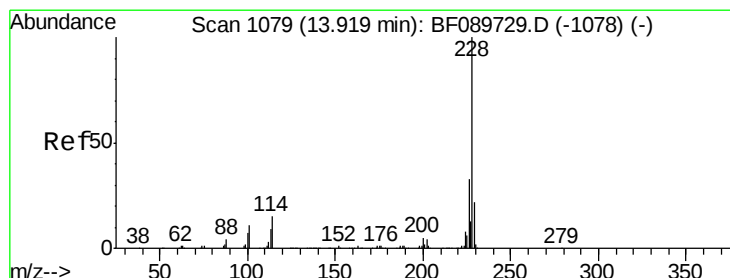
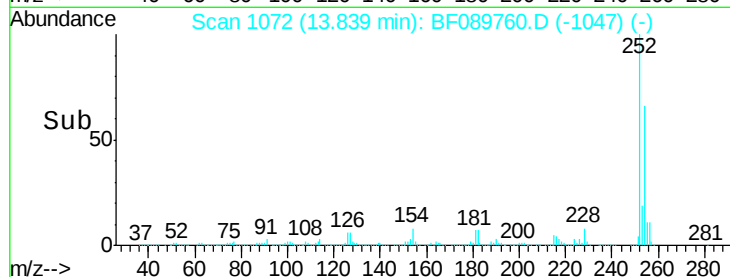
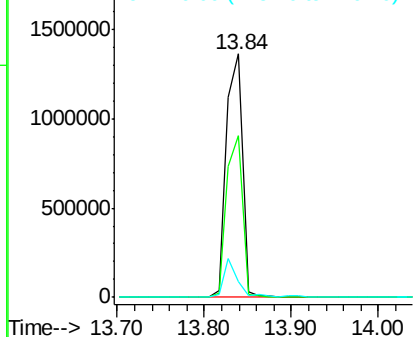
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.4  | 50.6  | 75.8  |
| 126     | 6.3   | 12.6  | 18.8  |

Manual Integrations  
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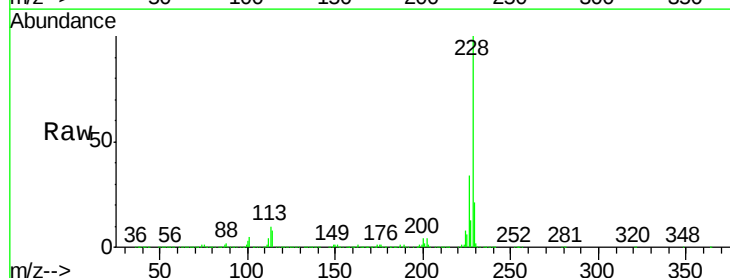


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

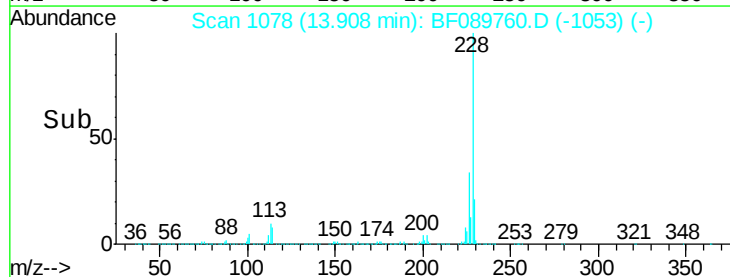
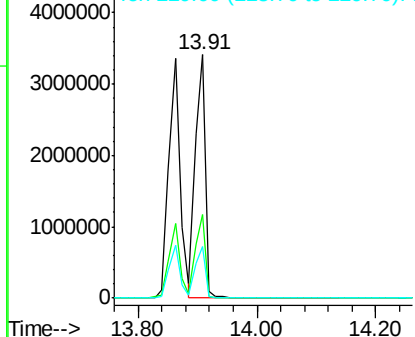


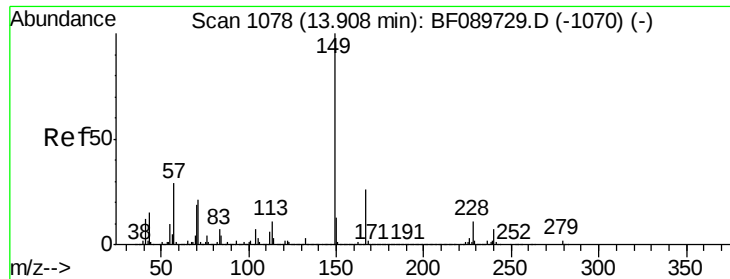
#82  
 Chrysene  
 Concen: 40.16 ng  
 RT: 13.91 min Scan# 1078  
 Delta R.T. -0.01 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 34.4  | 25.4  | 38.0  |
| 229     | 21.3  | 16.5  | 24.7  |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





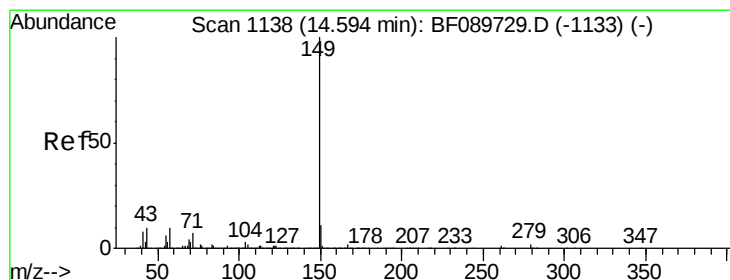
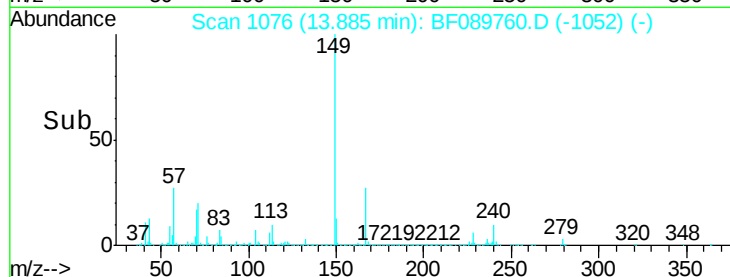
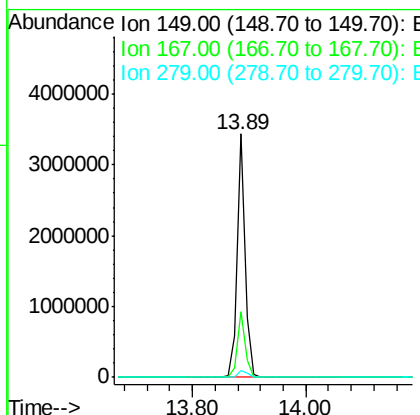
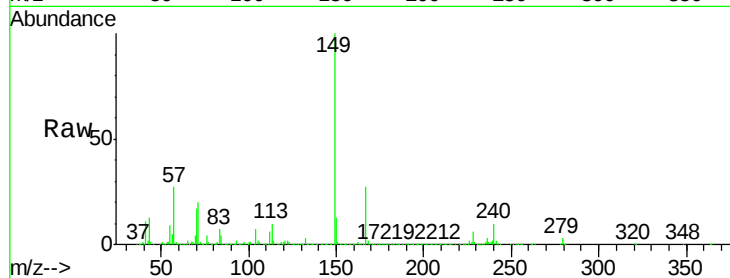
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.23 ng  
 RT: 13.89 min Scan# 1076  
 Delta R.T. -0.02 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:149 Resp: 3385193  
 Ion Ratio Lower Upper  
 149 100  
 167 27.2 21.2 31.8  
 279 2.6 2.9 4.3#

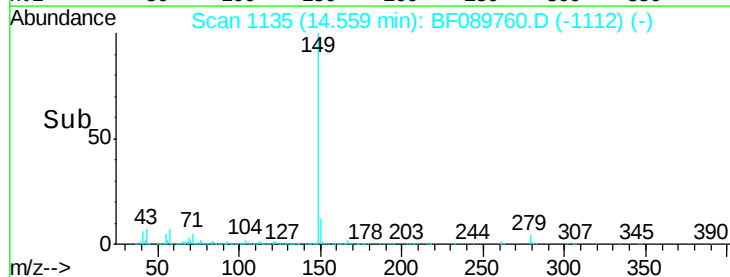
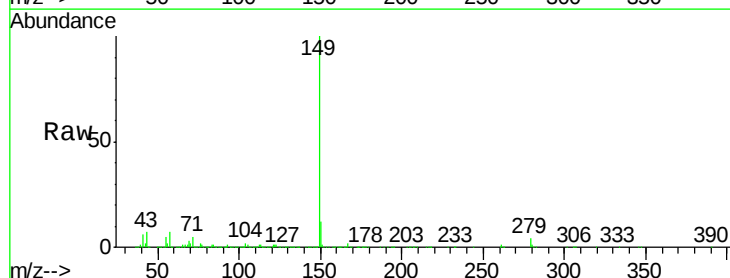
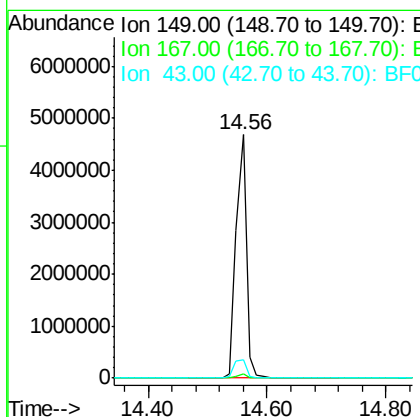
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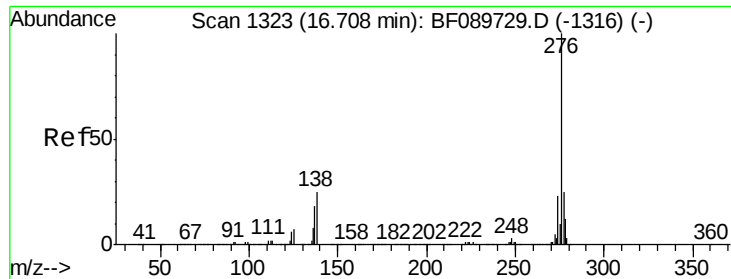
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#84  
 Di-n-octyl phthalate  
 Concen: 42.73 ng  
 RT: 14.56 min Scan# 1135  
 Delta R.T. -0.03 min  
 Lab File: BF089760.D  
 Acq: 17 Aug 2016 14:03

Tgt Ion:149 Resp: 5587686  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 9.1 8.4 12.6





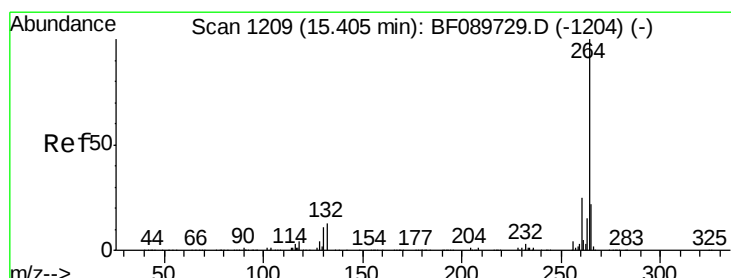
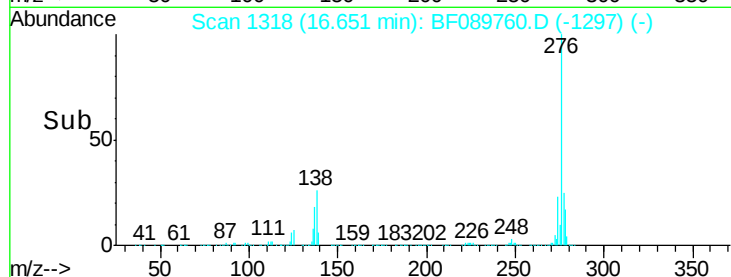
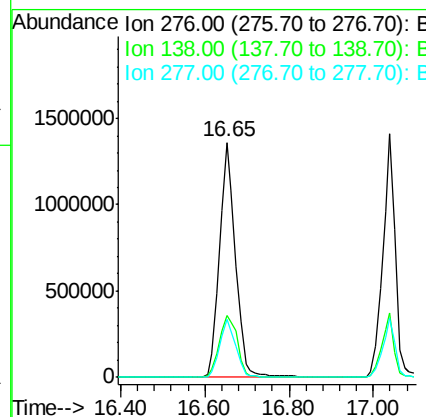
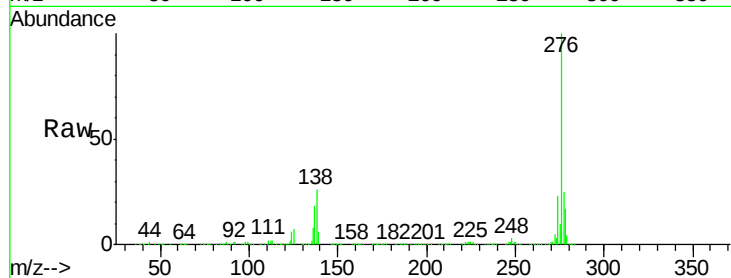
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 41.84 ng  
RT: 16.65 min Scan# 1318  
Delta R.T. -0.06 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 30.1  | 24.6  | 36.8  |
| 277     | 25.5  | 20.4  | 30.6  |

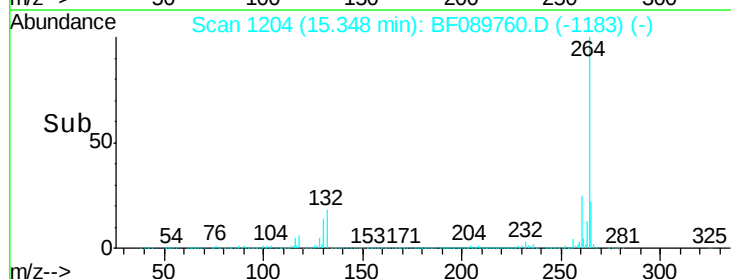
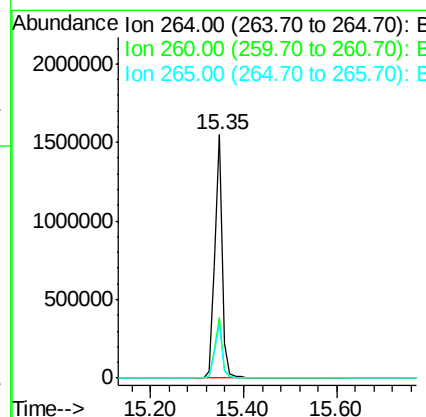
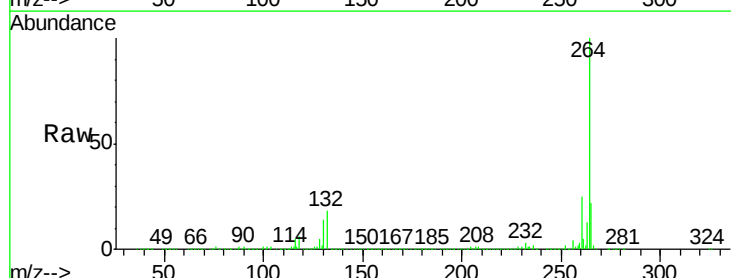
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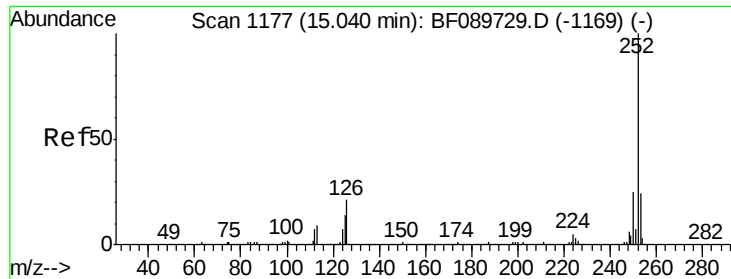
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.35 min Scan# 1204  
Delta R.T. -0.06 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 20.2  | 30.2  |
| 265     | 22.1  | 17.4  | 26.2  |





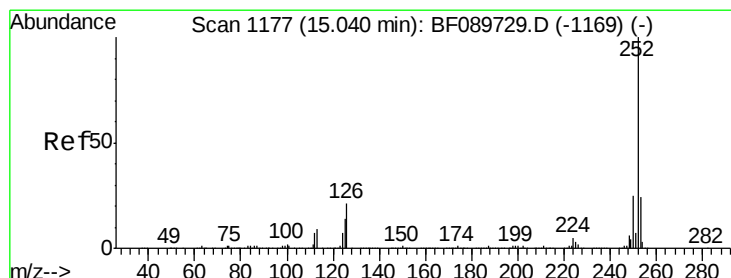
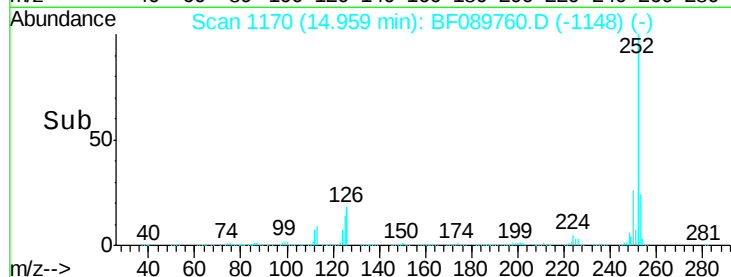
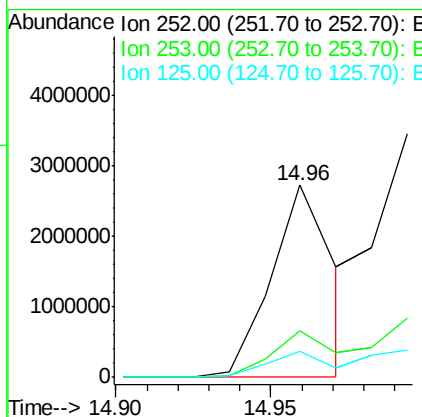
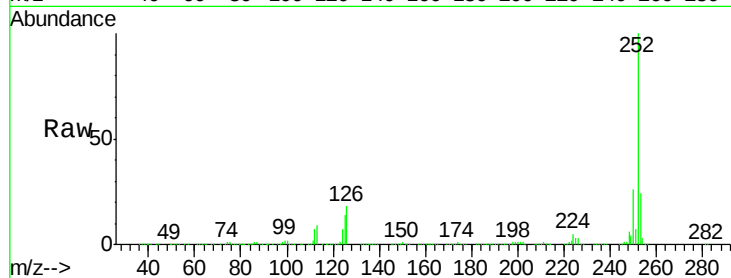
#87  
Benzo(b)fluoranthene  
Concen: 33.44 ng m  
RT: 14.96 min Scan# 1170  
Delta R.T. -0.05 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.3  | 17.8  | 26.8  |
| 125     | 13.8  | 11.4  | 17.2  |

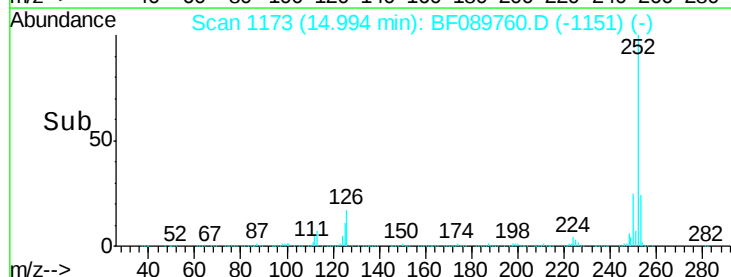
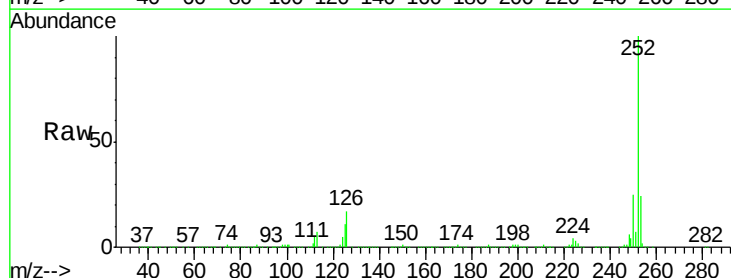
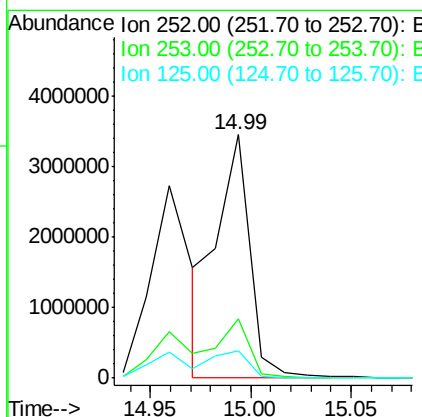
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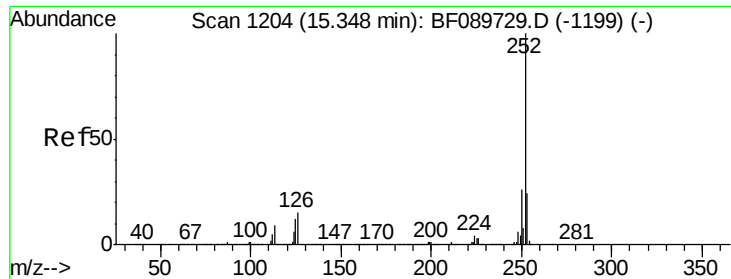
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#88  
Benzo(k)fluoranthene  
Concen: 42.16 ng m  
RT: 14.99 min Scan# 1173  
Delta R.T. -0.05 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.3  | 18.4  | 27.6  |
| 125     | 11.4  | 9.8   | 14.6  |





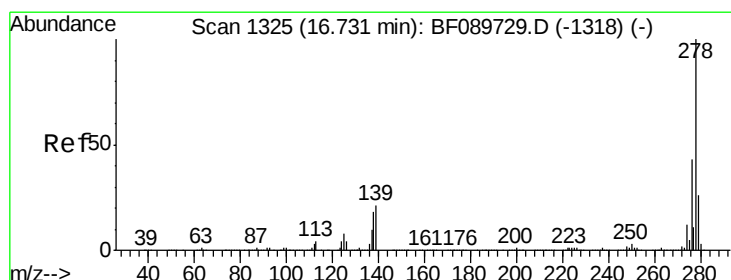
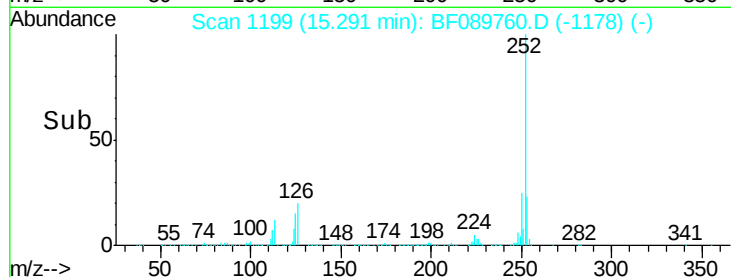
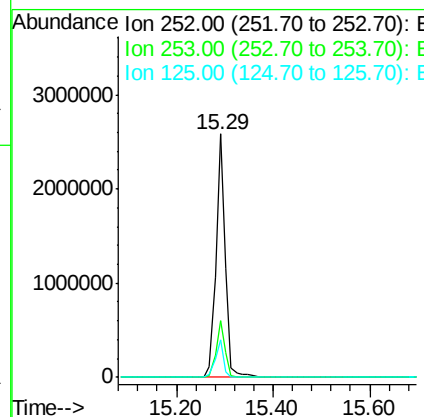
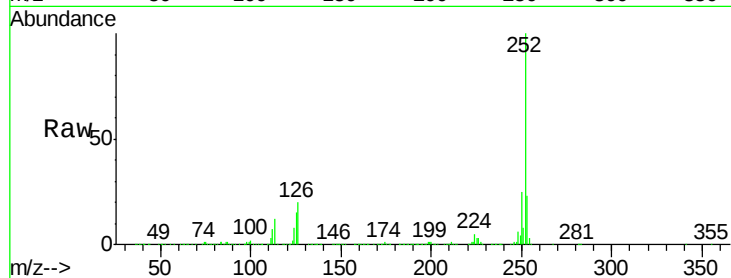
#89  
Benzo(a)pyrene  
Concen: 37.83 ng  
RT: 15.29 min Scan# 1199  
Delta R.T. -0.06 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.5  | 17.8  | 26.8  |
| 125     | 15.5  | 11.7  | 17.5  |

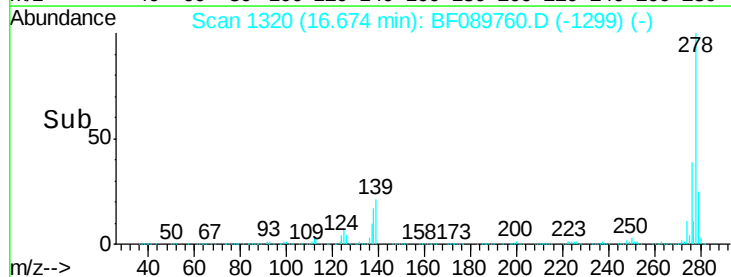
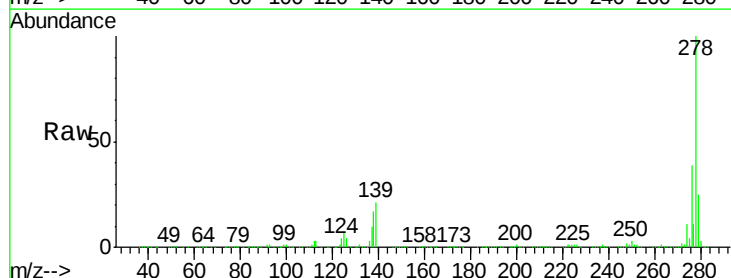
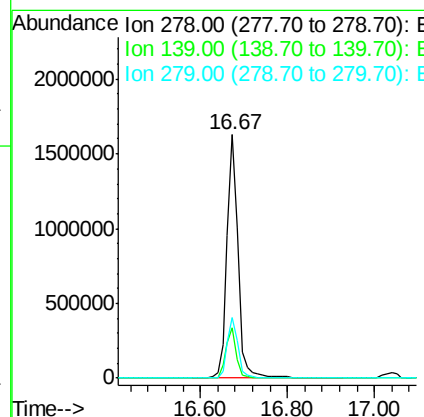
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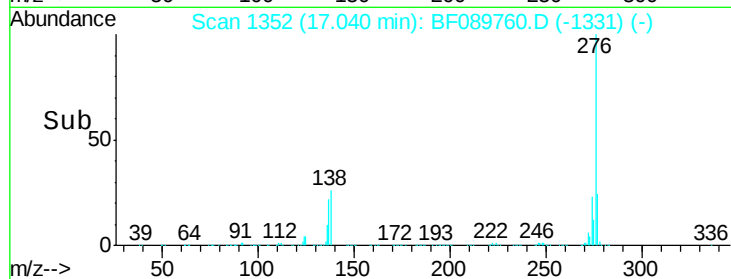
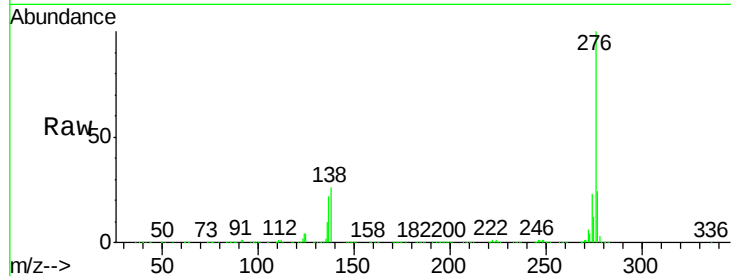
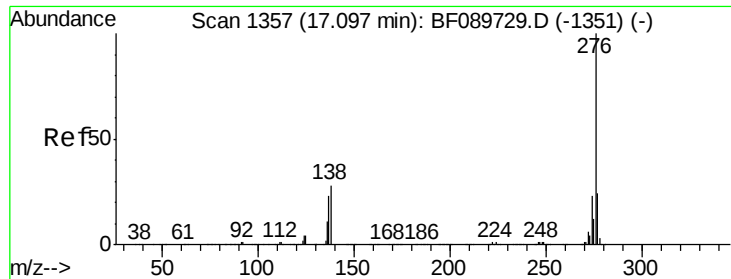
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#90  
Dibenzo(a,h)anthracene  
Concen: 40.03 ng  
RT: 16.67 min Scan# 1320  
Delta R.T. -0.06 min  
Lab File: BF089760.D  
Acq: 17 Aug 2016 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.9  | 14.9  | 22.3  |
| 279     | 24.9  | 19.2  | 28.8  |





#91

Benzo(a,h,i)perylene

Concen: 39.07 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.06 min

Lab File: BF089760.D

Acq: 17 Aug 2016 14:03

Tot Ion: 276 Resp: 2931504

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 26.3 22.1 33.1

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations

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