

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF100416\  
 Data File : BF090346.D  
 Acq On : 4 Oct 2016 17:18  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

sohil  
 10/5/2016 7:25:59 PM

Quant Time: Oct 05 03:13:01 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF100416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 04 14:16:07 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.01  | 152  | 221685   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.30  | 136  | 827207   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.05 | 164  | 362081   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.55 | 188  | 540320   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.19 | 240  | 397148   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.70 | 264  | 365149   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 1074393 | 76.44 | ng | 0.00 |
| 7) Phenol-d6             | 6.62  | 99  | 1323160 | 75.31 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.57  | 82  | 1254142 | 88.38 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.84 | 330 | 207907  | 66.11 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.38  | 172 | 2036469 | 91.70 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.14 | 244 | 1532572 | 89.84 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.70 | 88  | 275392  | 40.14 | ng | # 91   |
| 3) Pyridine                    | 3.48 | 79  | 758939  | 41.73 | ng | # 83   |
| 4) n-Nitrosodimethylamine      | 3.42 | 42  | 289755  | 43.99 | ng | # 59   |
| 6) Aniline                     | 6.67 | 93  | 980501  | 40.62 | ng | 98     |
| 8) 2-Chlorophenol              | 6.79 | 128 | 616886  | 39.06 | ng | 90     |
| 9) Benzaldehyde                | 6.55 | 77  | 306545  | 37.59 | ng | 99     |
| 10) Phenol                     | 6.63 | 94  | 757483  | 35.45 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.74 | 93  | 580793  | 38.28 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 6.95 | 146 | 636871  | 38.83 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.02 | 146 | 605413  | 36.35 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.18 | 146 | 642000  | 40.54 | ng | 98     |
| 15) Benzyl Alcohol             | 7.15 | 79  | 463756  | 37.44 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.29 | 45  | 957284  | 41.28 | ng | 95     |
| 17) 2-Methylphenol             | 7.25 | 107 | 473680  | 38.72 | ng | 99     |
| 18) Hexachloroethane           | 7.53 | 117 | 233326  | 38.71 | ng | # 90   |
| 19) n-Nitroso-di-n-propylamine | 7.42 | 70  | 485943  | 43.31 | ng | # 81   |
| 20) 3+4-Methylphenols          | 7.41 | 107 | 622020  | 39.99 | ng | # 64   |
| 22) Acetophenone               | 7.41 | 105 | 746848  | 39.00 | ng | # 96   |
| 24) Nitrobenzene               | 7.59 | 77  | 655833  | 43.28 | ng | # 85   |
| 25) Isophorone                 | 7.83 | 82  | 1124389 | 41.65 | ng | 95     |
| 26) 2-Nitrophenol              | 7.90 | 139 | 229595  | 39.27 | ng | # 60   |
| 27) 2,4-Dimethylphenol         | 7.94 | 122 | 504333  | 38.23 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 8.04 | 93  | 689146  | 41.11 | ng | # 97   |
| 29) 2,4-Dichlorophenol         | 8.14 | 162 | 395850  | 36.66 | ng | 87     |
| 30) 1,2,4-Trichlorobenzene     | 8.23 | 180 | 444940  | 36.79 | ng | 99     |
| 31) Naphthalene                | 8.33 | 128 | 1518088 | 38.40 | ng | 97     |
| 32) Benzoic acid               | 8.03 | 122 | 288882  | 35.59 | ng | 95     |
| 33) 4-Chloroaniline            | 8.36 | 127 | 633761  | 40.13 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.44 | 225 | 252445  | 35.46 | ng | 100    |
| 35) Caprolactam                | 8.71 | 113 | 111563  | 39.50 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 8.84 | 107 | 445476  | 38.41 | ng | # 81   |
| 37) 2-Methylnaphthalene        | 9.01 | 142 | 983686  | 39.64 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.18 | 216 | 428163  | 41.89 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.17 | 237 | 256637  | 40.60 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF100416\  
 Data File : BF090346.D  
 Acq On : 4 Oct 2016 17:18  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC0040

Manual Integrations  
 APPROVED

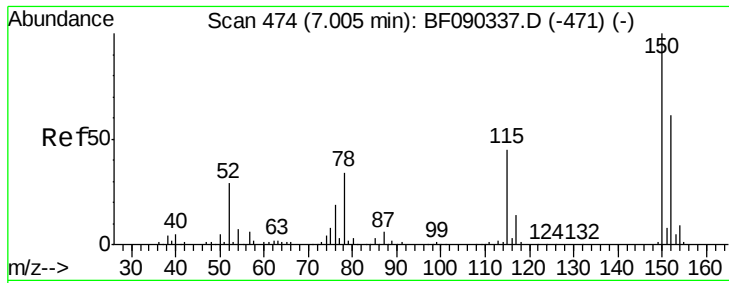
sohil  
 10/5/2016 7:25:59 PM

Quant Time: Oct 05 03:13:01 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF100416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 04 14:16:07 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.29  | 196  | 283306m  | 44.06 | ng    |          |
| 43) 2,4,5-Trichlorophenol      | 9.32  | 196  | 289416m  | 44.74 | ng    |          |
| 45) 1,1'-Biphenyl              | 9.48  | 154  | 1234657  | 44.04 | ng    | 94       |
| 46) 2-Chloronaphthalene        | 9.50  | 162  | 932636   | 44.32 | ng    | 95       |
| 47) 2-Nitroaniline             | 9.58  | 65   | 254911   | 44.38 | ng    | # 79     |
| 48) Acenaphthylene             | 9.91  | 152  | 1311982  | 41.22 | ng    | 98       |
| 49) Dimethylphthalate          | 9.78  | 163  | 879028   | 41.01 | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 9.83  | 165  | 205319   | 43.79 | ng    | # 69     |
| 51) Acenaphthene               | 10.09 | 154  | 782716   | 40.41 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.99  | 138  | 207114   | 39.00 | ng    | 85       |
| 53) 2,4-Dinitrophenol          | 10.10 | 184  | 53106    | 35.41 | ng    | # 1      |
| 54) Dibenzofuran               | 10.26 | 168  | 1009989  | 39.43 | ng    | 91       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 189078   | 44.71 | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.23 | 165  | 254772   | 45.14 | ng    | # 70     |
| 57) Fluorene                   | 10.60 | 166  | 867786   | 40.50 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.37 | 232  | 175726   | 38.52 | ng    | # 81     |
| 59) Diethylphthalate           | 10.47 | 149  | 874422   | 39.91 | ng    | # 92     |
| 60) 4-Chlorophenyl-phenylether | 10.60 | 204  | 439664   | 43.28 | ng    | 93       |
| 61) 4-Nitroaniline             | 10.61 | 138  | 231001   | 48.36 | ng    | 89       |
| 62) Azobenzene                 | 10.76 | 77   | 1101347  | 48.24 | ng    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 10.63 | 198  | 81815    | 36.81 | ng    | 86       |
| 65) n-Nitrosodiphenylamine     | 10.71 | 169  | 805373   | 43.71 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.09 | 248  | 232695   | 39.85 | ng    | 92       |
| 67) Hexachlorobenzene          | 11.16 | 284  | 252869   | 36.85 | ng    | # 86     |
| 68) Atrazine                   | 11.24 | 200  | 160104   | 36.30 | ng    | 95       |
| 69) Pentachlorophenol          | 11.34 | 266  | 144443   | 37.55 | ng    | 99       |
| 70) Phenanthrene               | 11.57 | 178  | 1202512  | 41.48 | ng    | 97       |
| 71) Anthracene                 | 11.62 | 178  | 1112655  | 38.45 | ng    | 98       |
| 72) Carbazole                  | 11.78 | 167  | 1038651  | 39.05 | ng    | # 94     |
| 73) Di-n-butylphthalate        | 12.11 | 149  | 1308546  | 41.16 | ng    | 98       |
| 74) Fluoranthene               | 12.76 | 202  | 1083729  | 39.42 | ng    | 98       |
| 76) Benzidine                  | 12.88 | 184  | 380989   | 34.88 | ng    | 98       |
| 77) Pyrene                     | 12.99 | 202  | 1065364  | 41.90 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.62 | 149  | 486858   | 48.58 | ng    | 92       |
| 80) Benzo(a)anthracene         | 14.18 | 228  | 929142   | 41.72 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.14 | 252  | 365610   | 47.66 | ng    | # 98     |
| 82) Chrysene                   | 14.22 | 228  | 938047   | 44.95 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 14.18 | 149  | 780444   | 48.68 | ng    | # 98     |
| 84) Di-n-octyl phthalate       | 14.80 | 149  | 1173585  | 50.38 | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.22 | 276  | 945502   | 42.16 | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 15.25 | 252  | 1003371  | 47.78 | ng    | # 95     |
| 88) Benzo(k)fluoranthene       | 15.29 | 252  | 709579m  | 35.38 | ng    |          |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 799213   | 41.73 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 17.24 | 278  | 786332   | 41.87 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.68 | 276  | 781234   | 42.47 | ng    | 97       |

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





#1

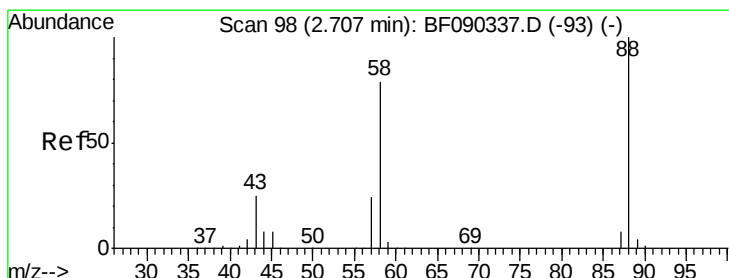
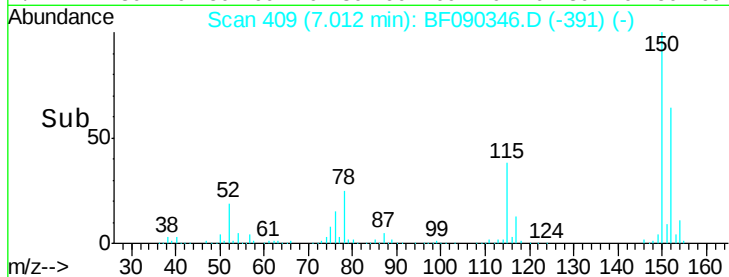
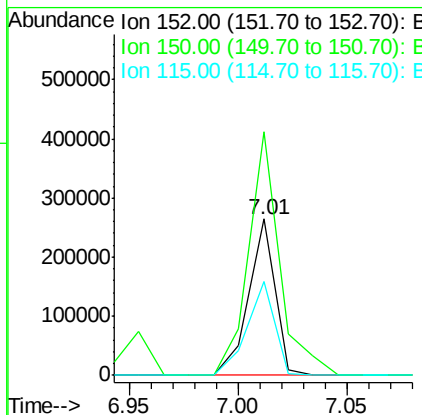
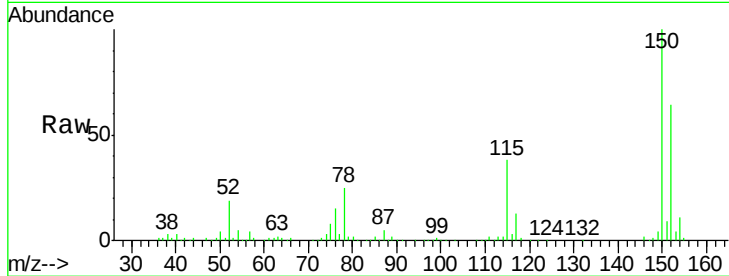
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.01 min Scan# 409  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.0 | 124.6 | 186.8 |
| 115     | 60.0  | 46.2  | 69.4  |

Manual Integrations  
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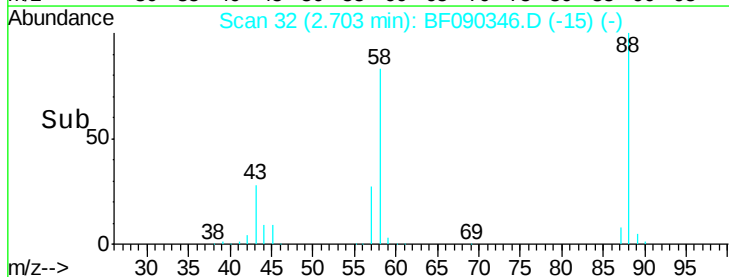
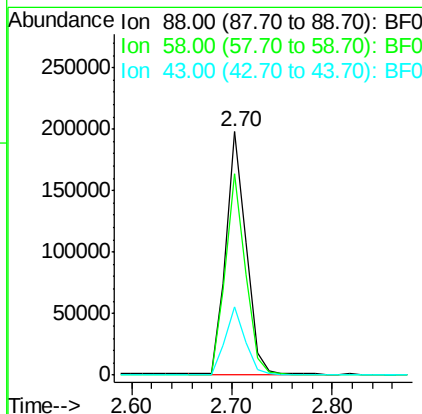
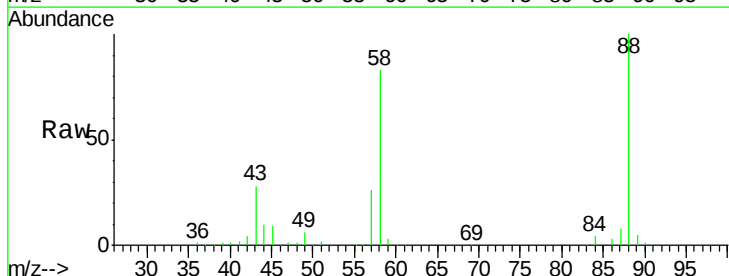
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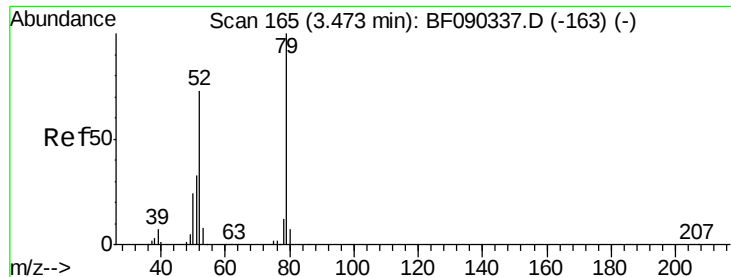


#2

1,4-Dioxane  
Concen: 40.14 ng  
RT: 2.70 min Scan# 32  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 82.7  | 71.2  | 106.8 |
| 43      | 27.8  | 29.8  | 44.6  |





#3

Pyridine

Concen: 41.73 ng

RT: 3.48 min Scan# 100

Delta R.T. 0.01 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

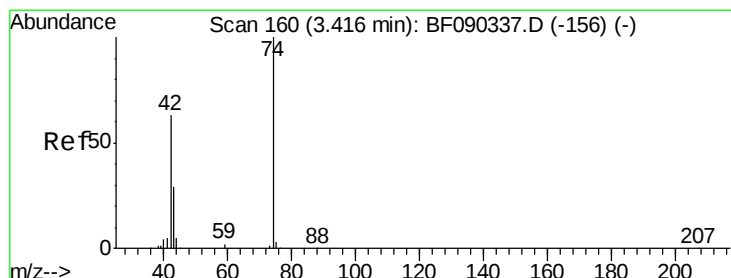
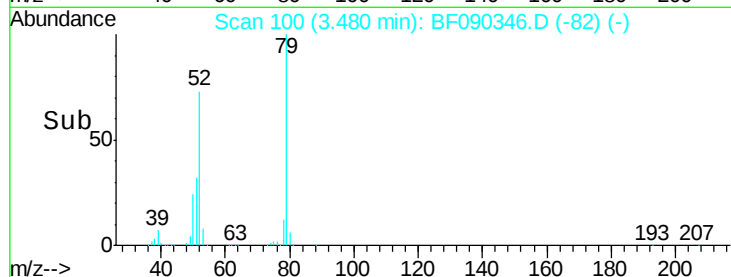
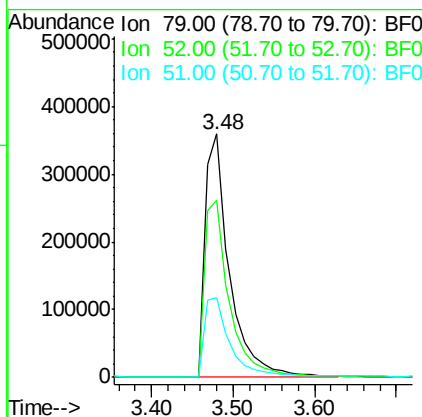
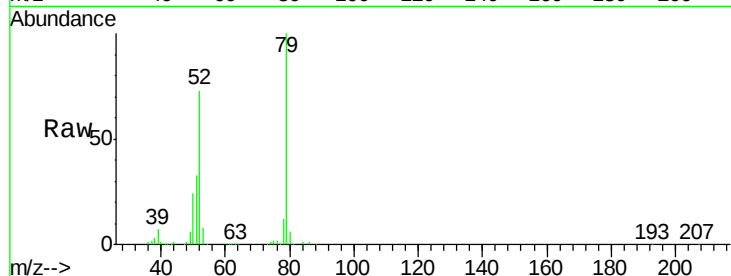
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 758939 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 72.9  | 71.3  | 106.9  |
| 51        | 32.8  | 34.5  | 51.7#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 43.99 ng

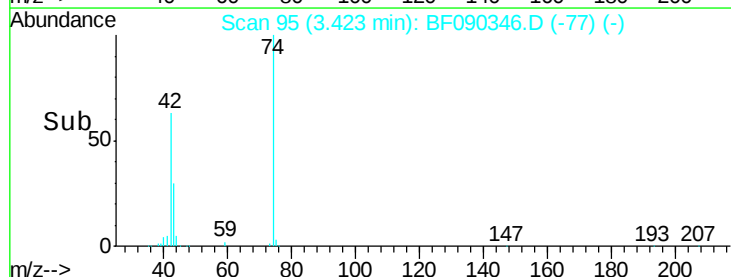
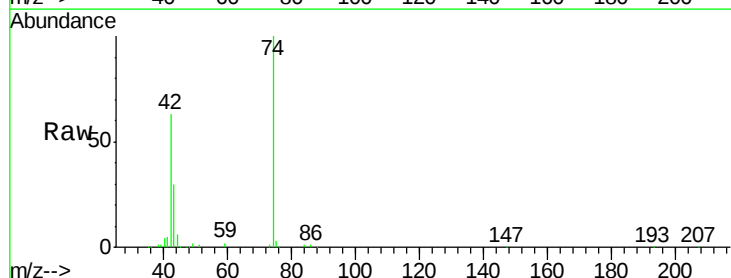
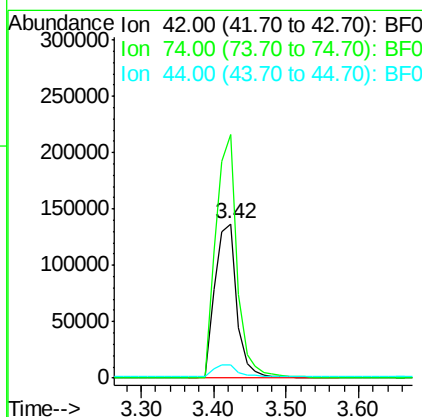
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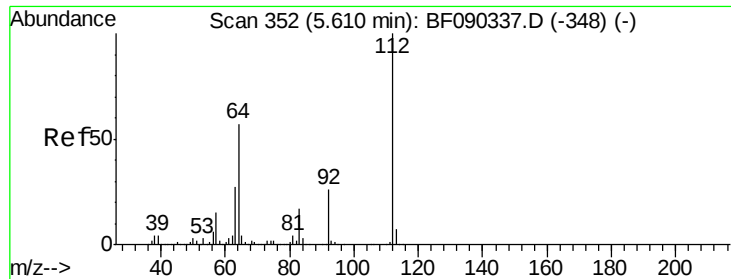
Delta R.T. 0.01 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 289755 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 157.5 | 88.9  | 133.3# |
| 44        | 8.9   | 6.5   | 9.7    |





#5

2-Fluorophenol

Concen: 76.44 ng

RT: 5.61 min Scan# 286

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 1074393

Ion Ratio Lower Upper

112 100

64 71.2 57.9 86.9

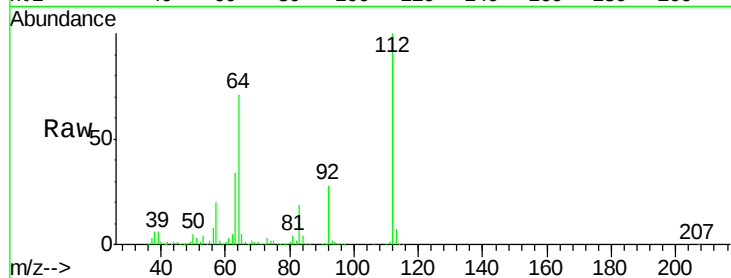
63 34.0 29.6 44.4

Manual Integrations

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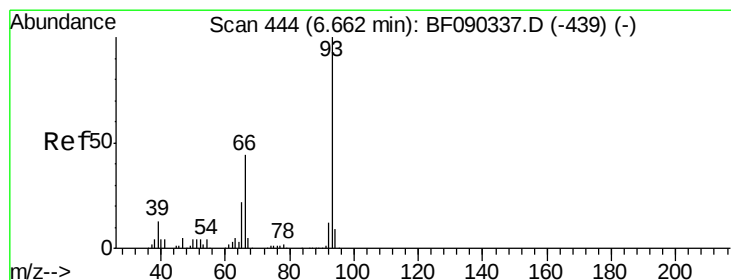
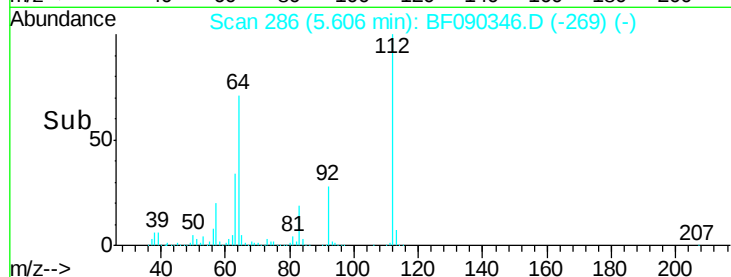
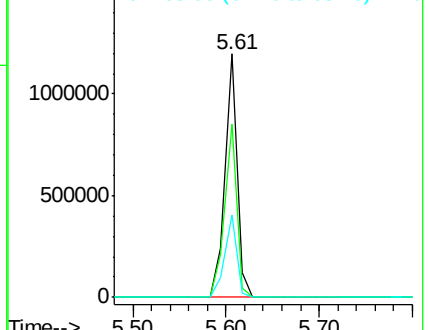
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.62 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

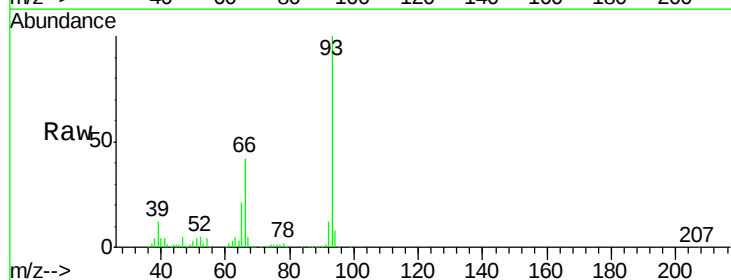
Tgt Ion: 93 Resp: 980501

Ion Ratio Lower Upper

93 100

66 41.7 34.5 51.7

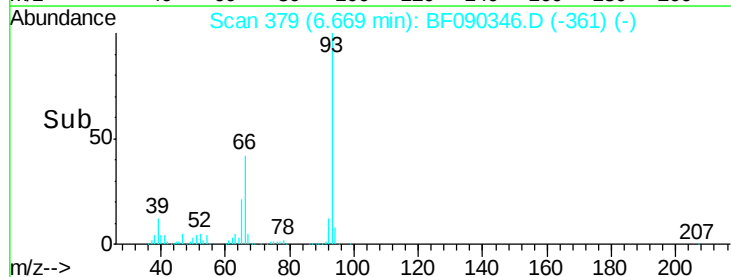
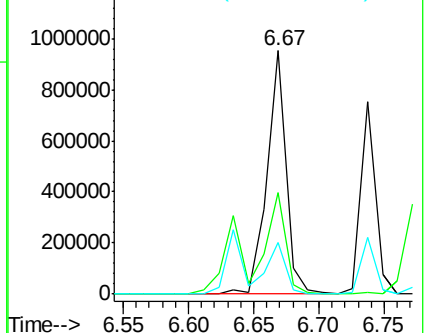
65 21.2 18.2 27.2

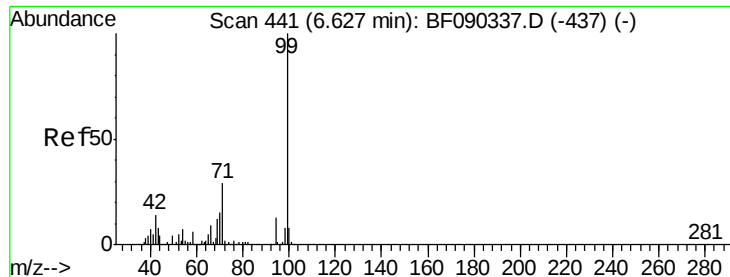


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.31 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1323160

Ion Ratio Lower Upper

99 100

42 18.1 20.0 30.0#

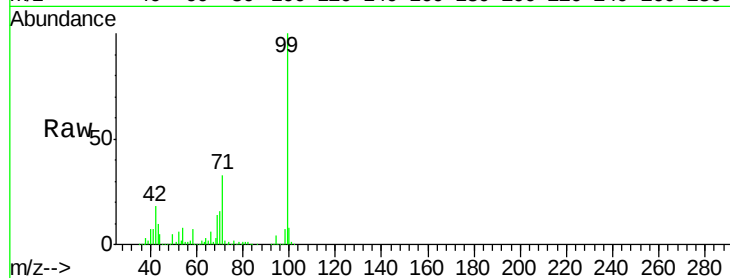
71 32.6 27.9 41.9

Manual Integrations

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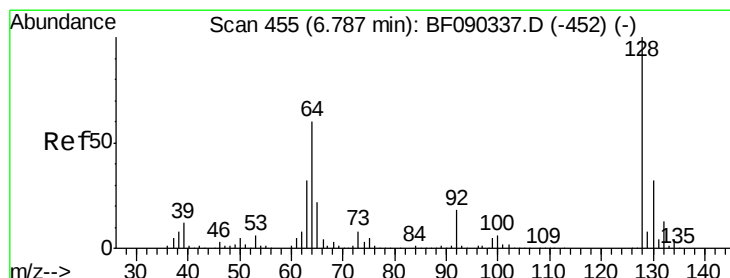
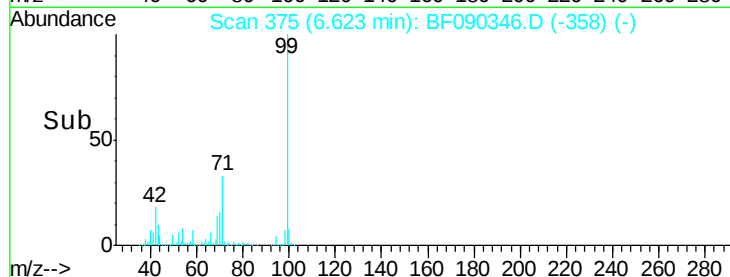
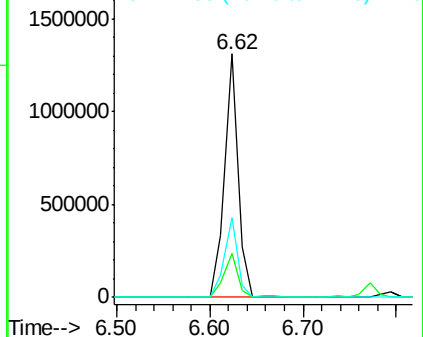
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.06 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

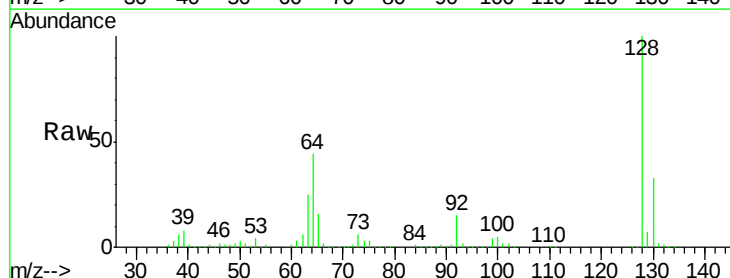
Tgt Ion: 128 Resp: 616886

Ion Ratio Lower Upper

128 100

130 33.3 13.3 53.3

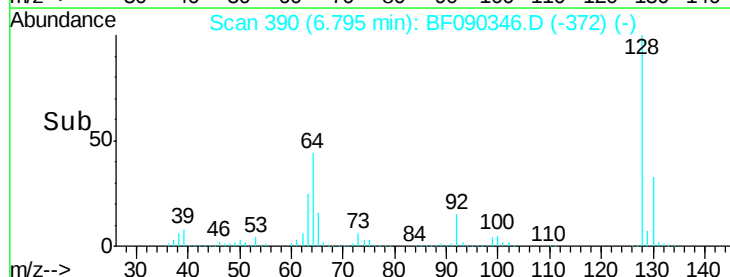
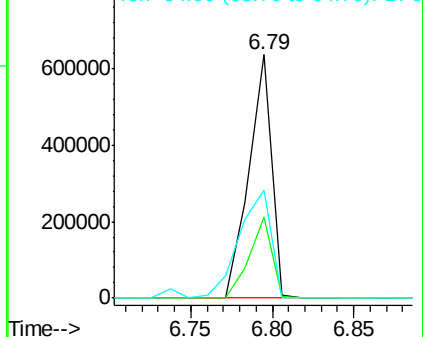
64 44.2 36.0 76.0

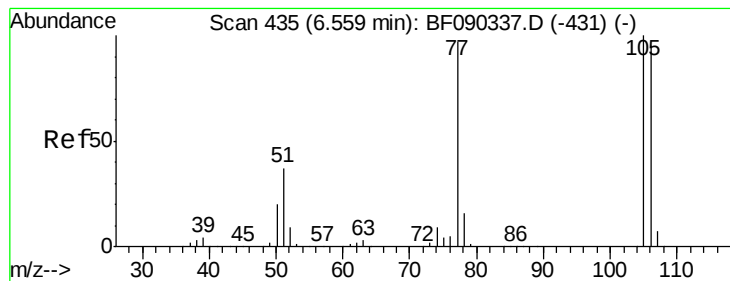


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.59 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

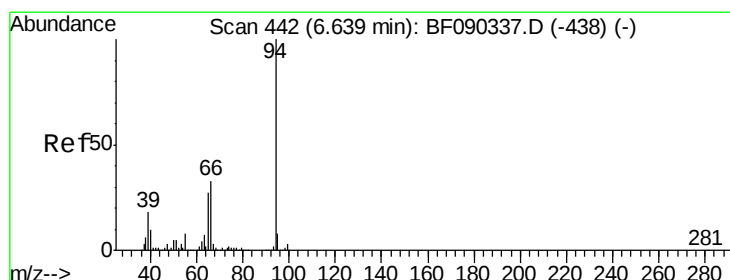
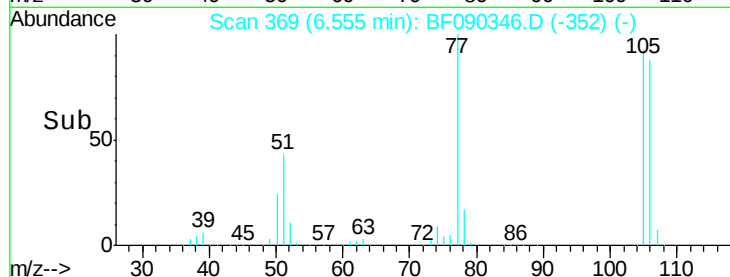
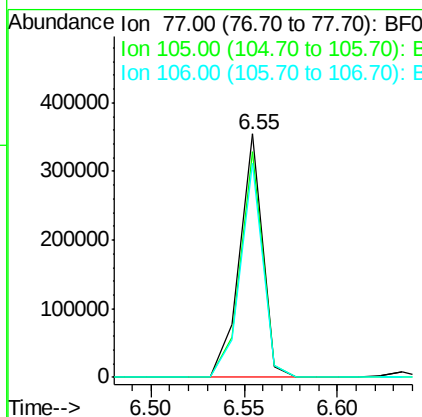
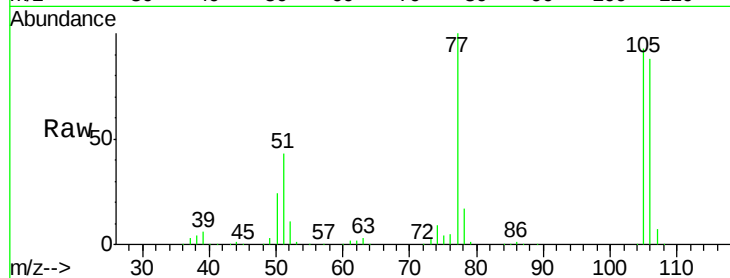
ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 306545  
 Ion Ratio Lower Upper  
 77 100  
 105 92.9 73.1 113.1  
 106 88.1 70.2 110.2

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#10

Phenol

Concen: 35.45 ng

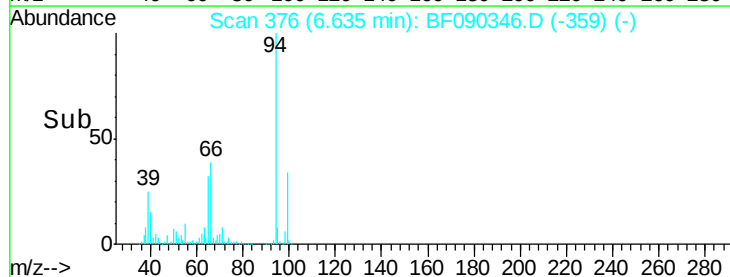
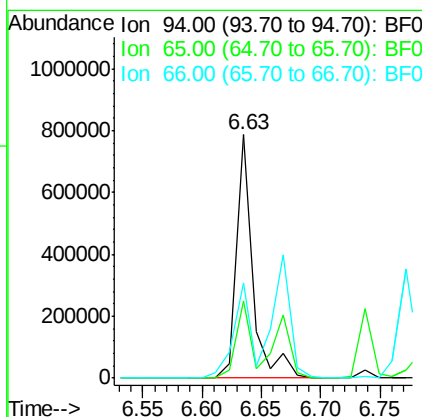
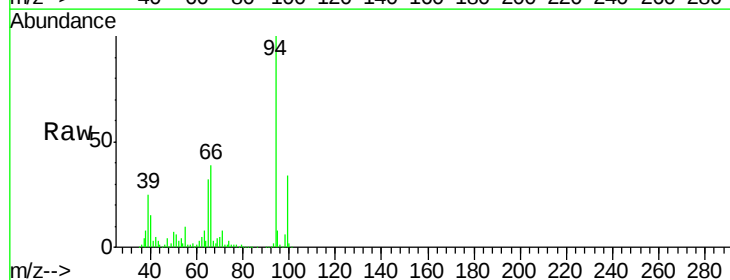
RT: 6.63 min Scan# 376

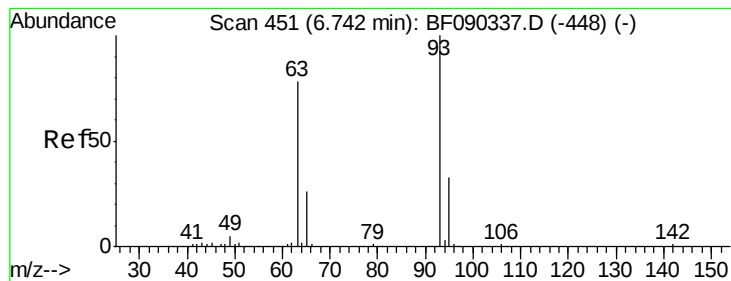
Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Tgt Ion: 94 Resp: 757483  
 Ion Ratio Lower Upper  
 94 100  
 65 31.9 13.3 53.3  
 66 39.0 20.4 60.4





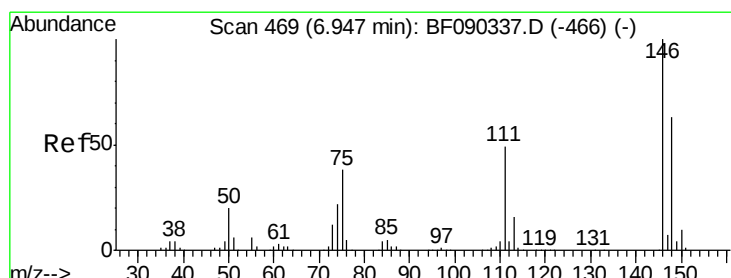
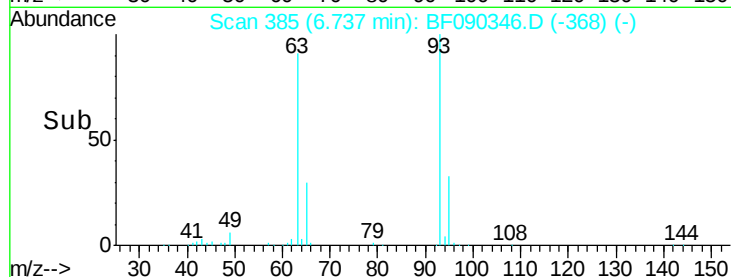
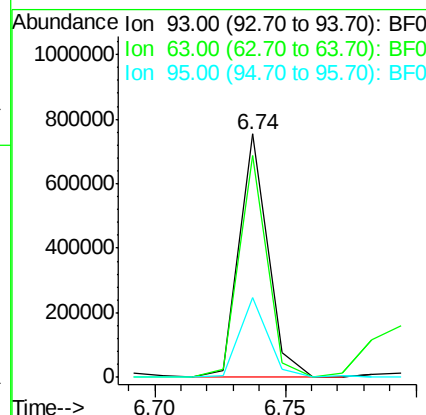
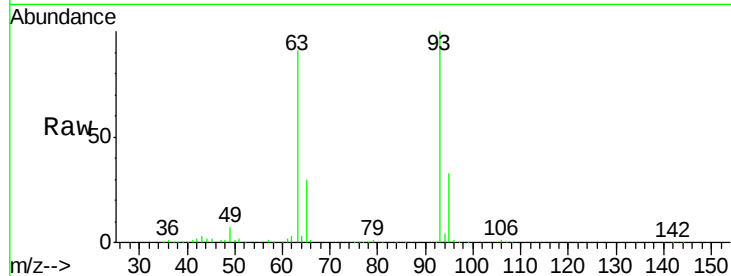
#11  
bis(2-Chloroethyl)ether  
Concen: 38.28 ng  
RT: 6.74 min Scan# 385  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 91.2  | 59.7  | 99.7  |
| 95      | 33.0  | 14.0  | 54.0  |

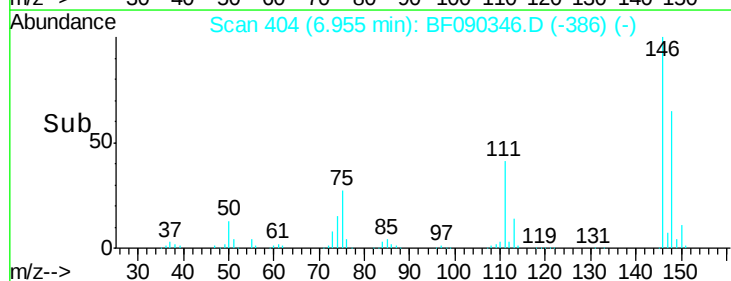
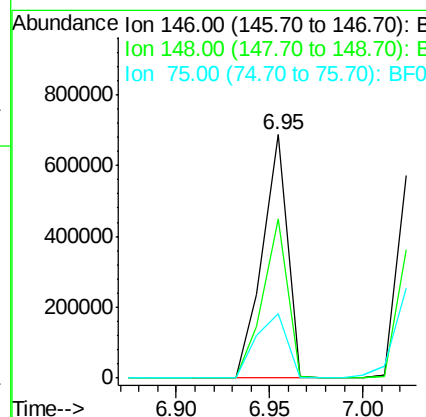
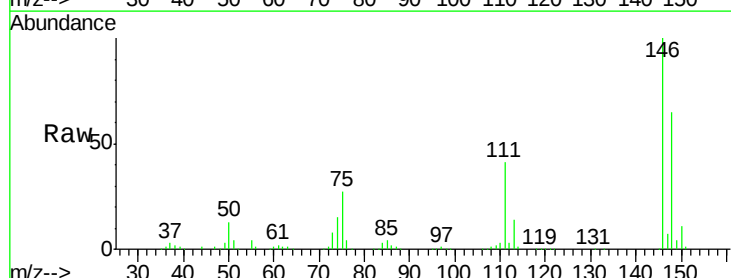
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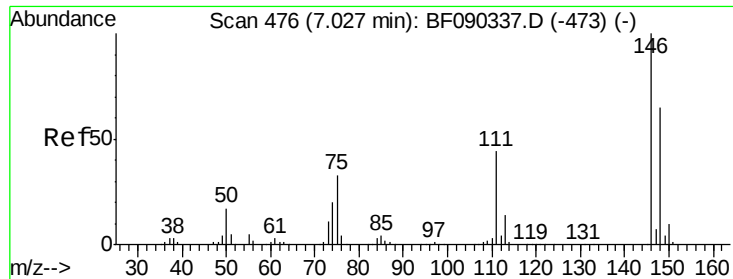
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#12  
1,3-Dichlorobenzene  
Concen: 38.83 ng  
RT: 6.95 min Scan# 404  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 52.2  | 78.4  |
| 75      | 26.5  | 21.4  | 32.2  |





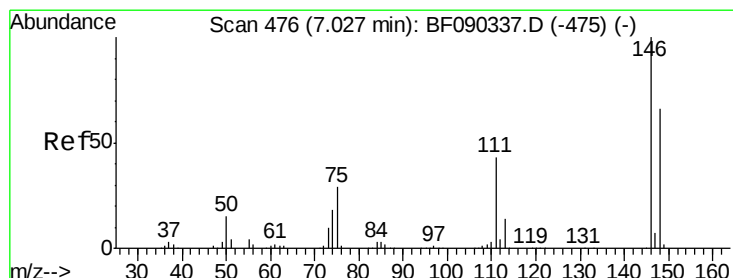
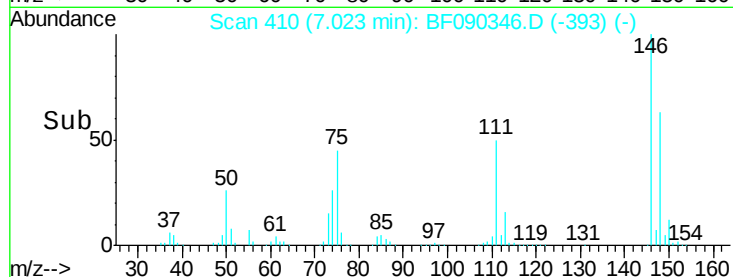
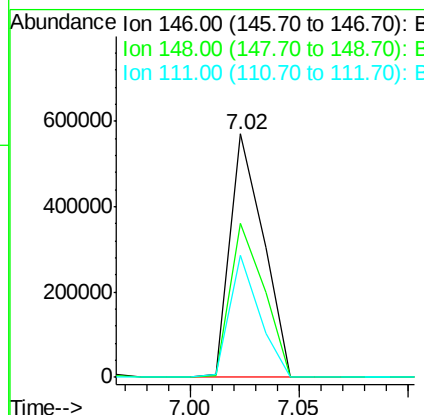
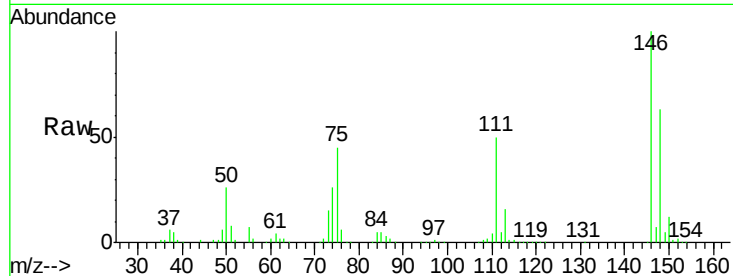
#13  
 1,4-Dichlorobenzene  
 Concen: 36.35 ng  
 RT: 7.02 min Scan# 410  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 51.1  | 76.7  |
| 111     | 50.2  | 37.8  | 56.6  |

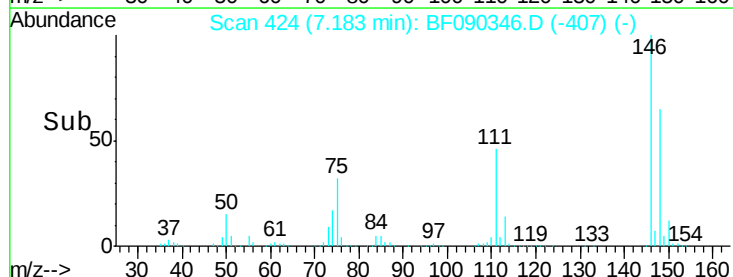
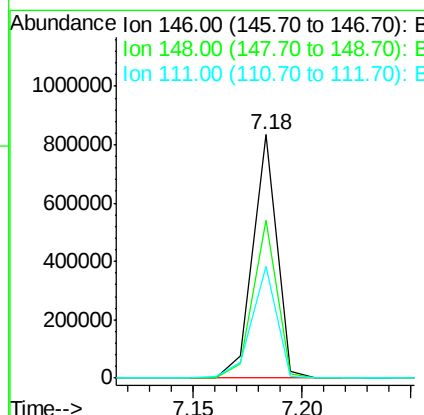
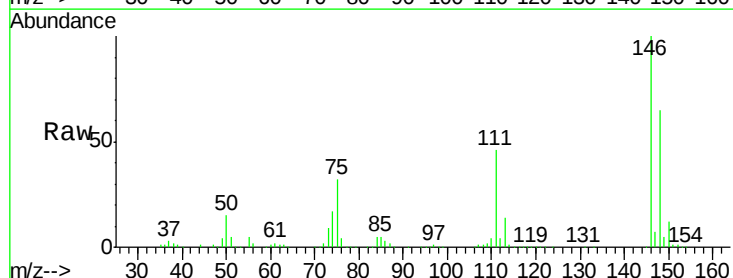
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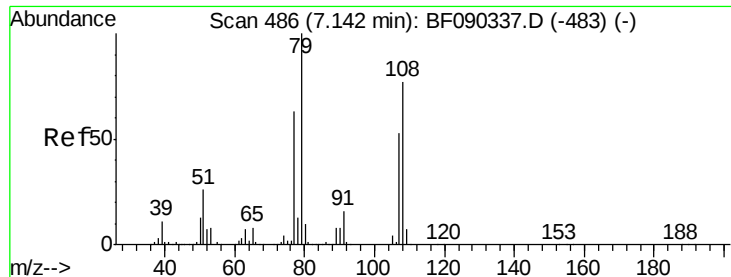
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#14  
 1,2-Dichlorobenzene  
 Concen: 40.54 ng  
 RT: 7.18 min Scan# 424  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 52.3  | 78.5  |
| 111     | 46.0  | 38.2  | 57.4  |





#15

Benzyl Alcohol

Concen: 37.44 ng

RT: 7.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

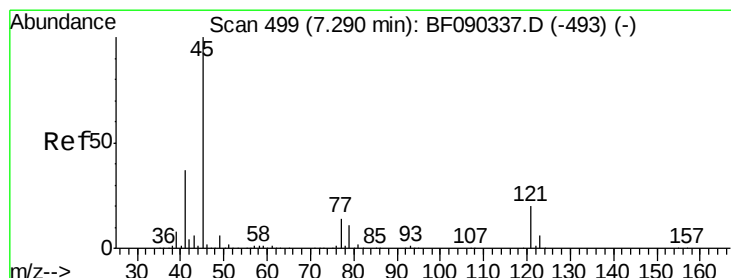
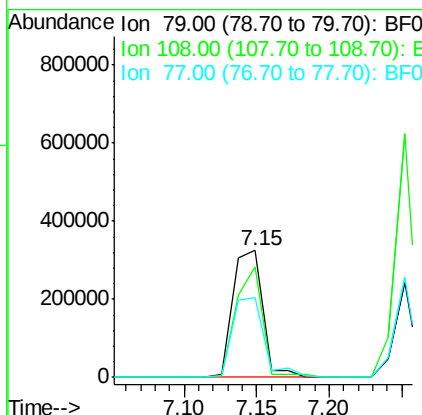
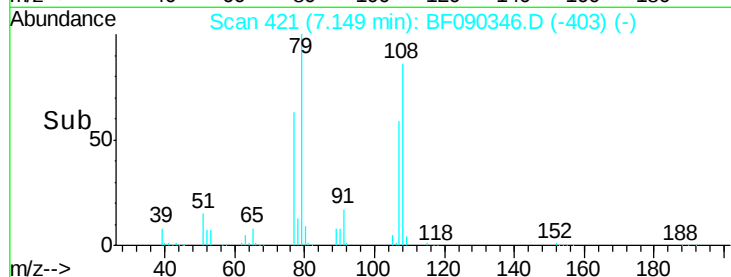
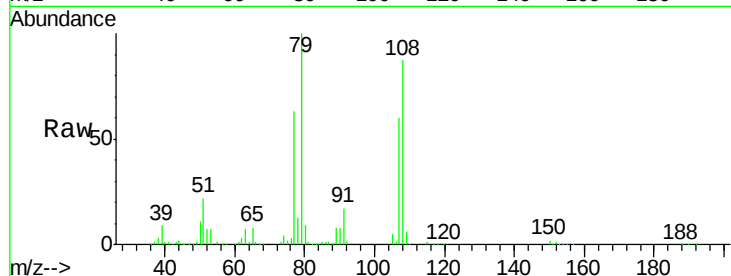
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 463756 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 87.0  | 60.9  | 91.3   |
| 77        | 63.3  | 51.5  | 77.3   |

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.28 ng

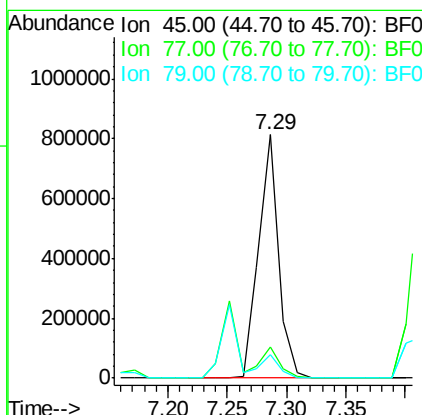
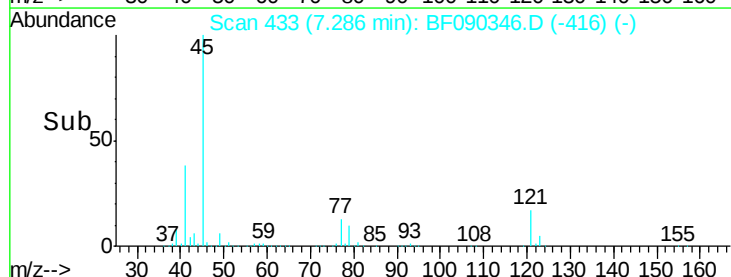
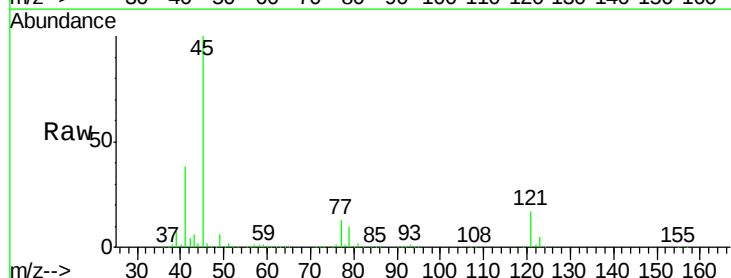
RT: 7.29 min Scan# 433

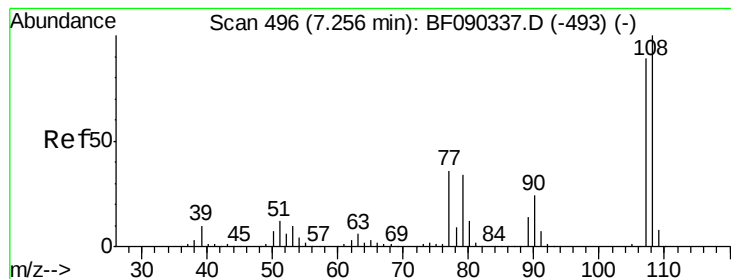
Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 957284 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.6  | 0.0   | 30.8   |
| 79        | 9.8   | 0.0   | 28.2   |





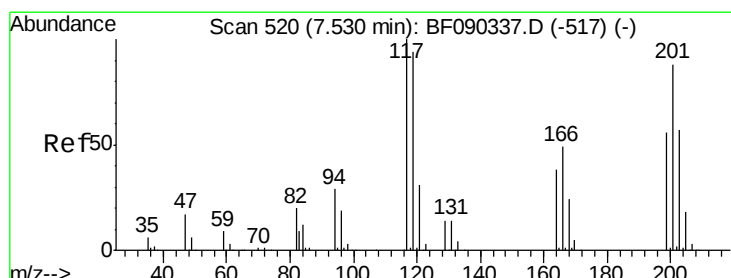
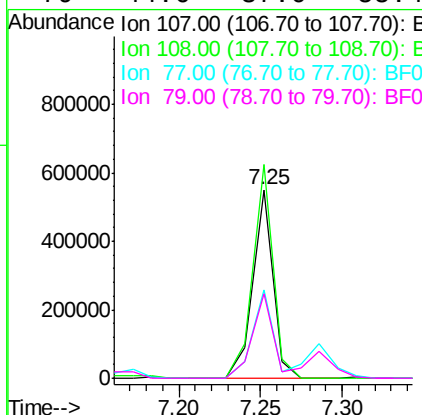
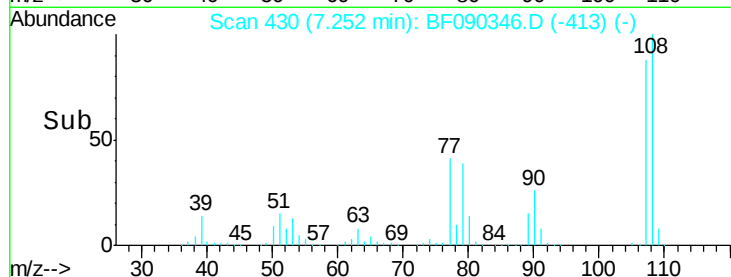
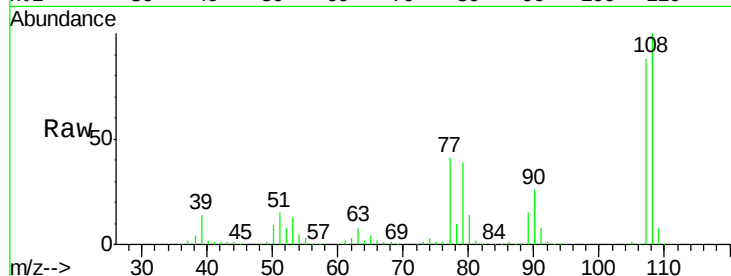
#17  
2-Methylphenol  
Concen: 38.72 ng  
RT: 7.25 min Scan# 430  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 473680 |       |       |
| 108     | 113.5 | 90.9   | 136.3 |       |
| 77      | 47.0  | 38.2   | 57.4  |       |
| 79      | 44.6  | 37.0   | 55.4  |       |

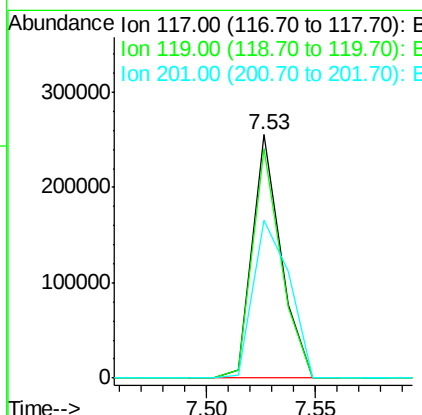
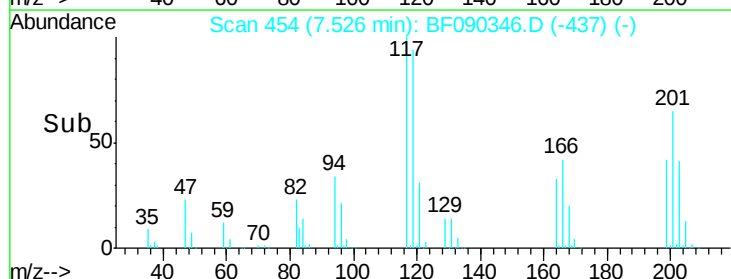
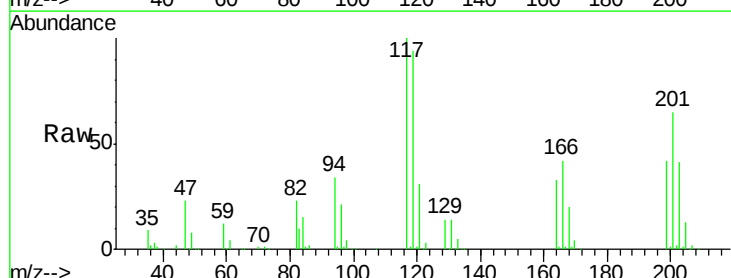
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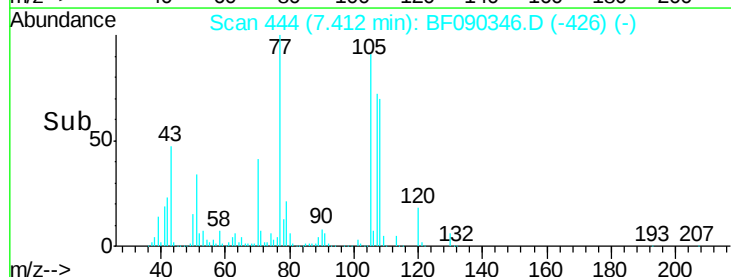
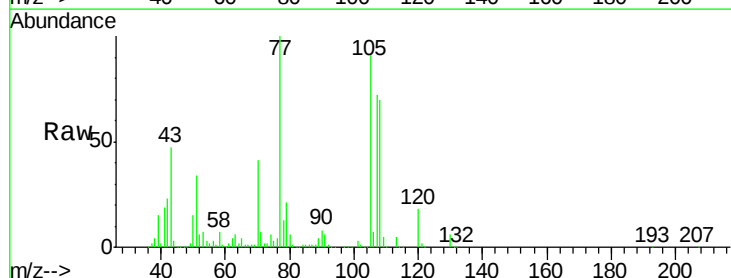
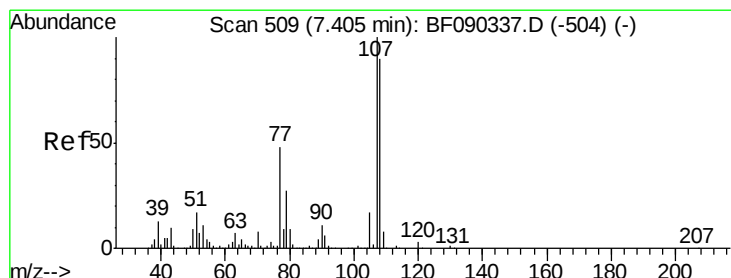
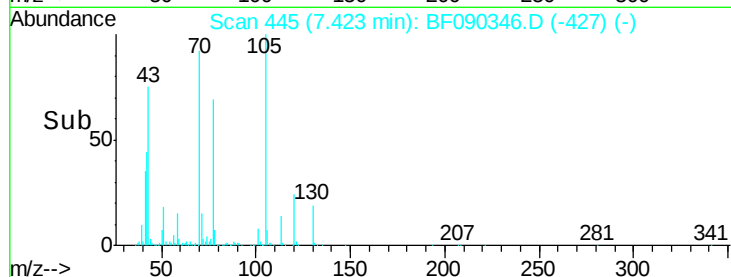
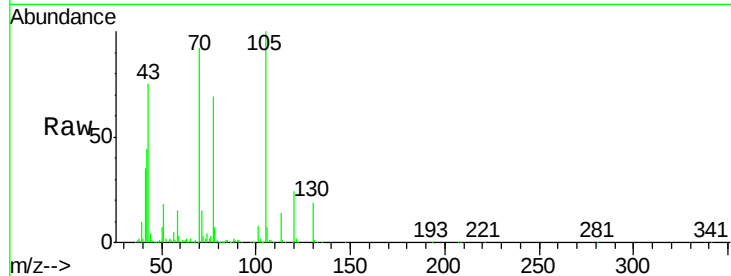
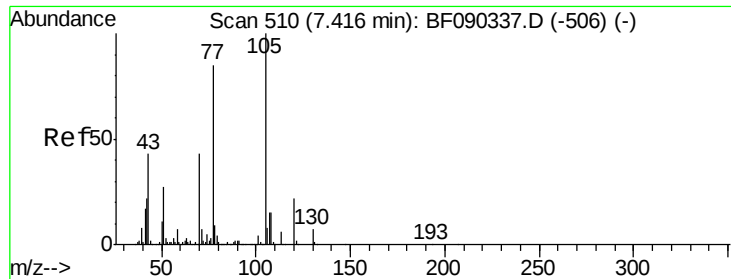
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#18  
Hexachloroethane  
Concen: 38.71 ng  
RT: 7.53 min Scan# 454  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 233326 |       |       |
| 119     | 94.2  | 75.9   | 113.9 |       |
| 201     | 64.8  | 66.5   | 99.7# |       |





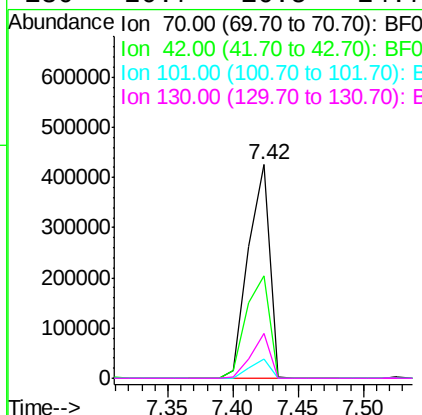
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.31 ng  
RT: 7.42 min Scan# 445  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 47.8  | 55.4  | 83.2# |
| 101     | 8.9   | 7.6   | 11.4  |
| 130     | 20.7  | 16.5  | 24.7  |

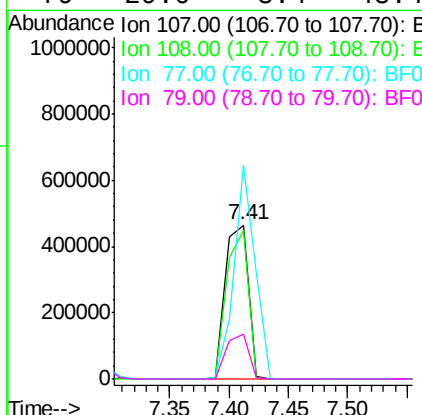
Manual Integrations  
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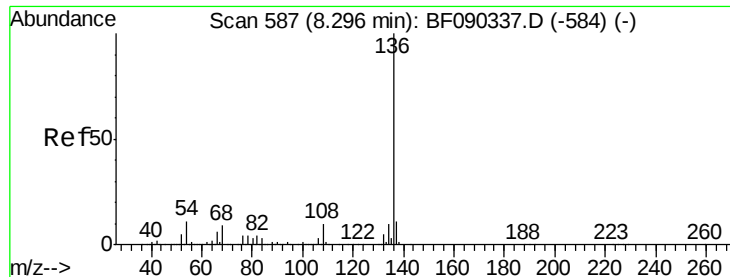
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#20  
3+4-Methylphenols  
Concen: 39.99 ng  
RT: 7.41 min Scan# 444  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 97.0  | 66.7  | 106.7 |
| 77      | 139.0 | 53.7  | 93.7# |
| 79      | 29.0  | 8.4   | 48.4  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

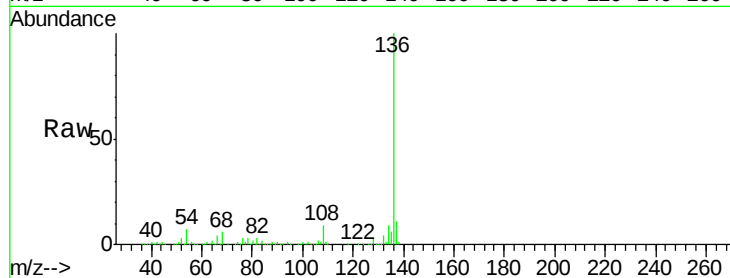
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 827207 |       |       |
| 137     | 10.8  | 9.0    | 13.6  |       |
| 54      | 6.7   | 6.6    | 10.0  |       |
| 68      | 6.0   | 5.0    | 7.6   |       |

Manual Integrations  
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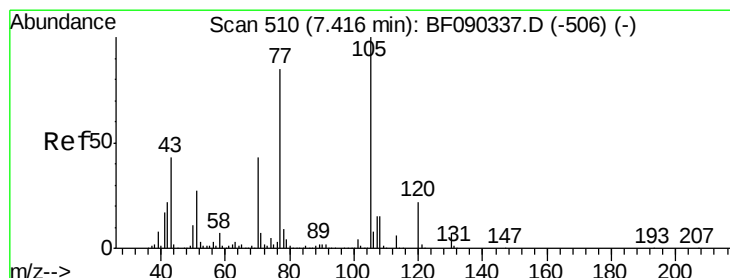
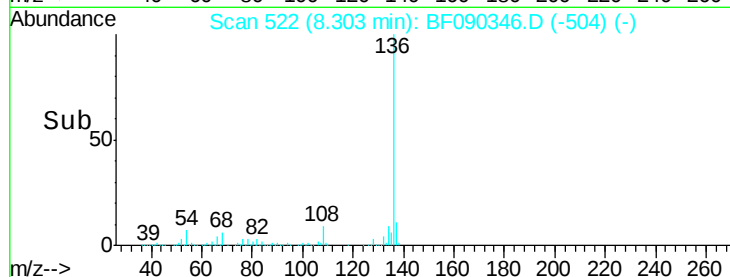
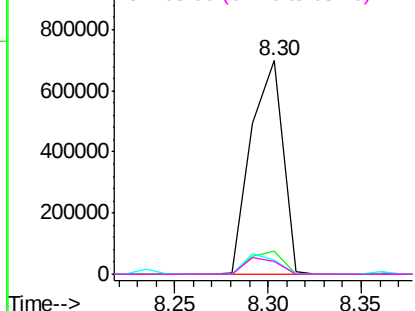


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.00 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

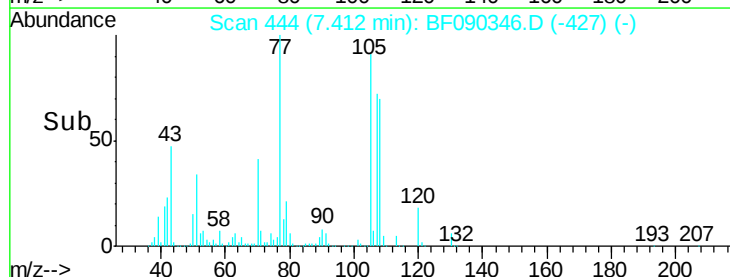
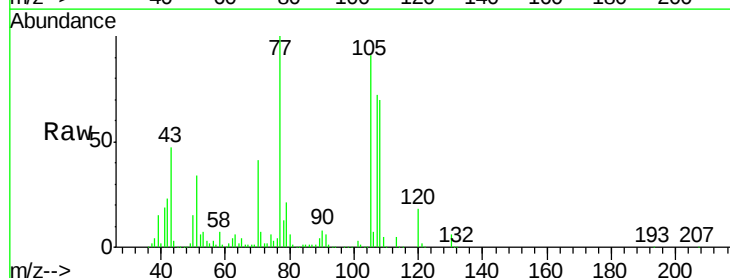
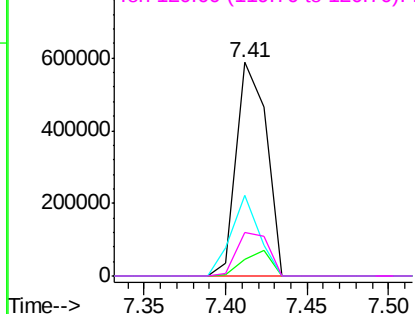
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 746848 |       |       |
| 71      | 7.5   | 3.8    | 5.6#  |       |
| 51      | 37.7  | 28.2   | 42.4  |       |
| 120     | 20.1  | 17.4   | 26.2  |       |

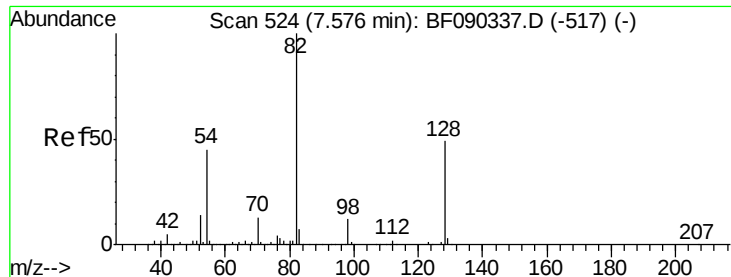
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





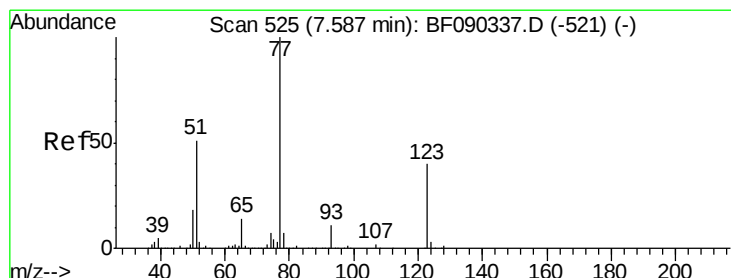
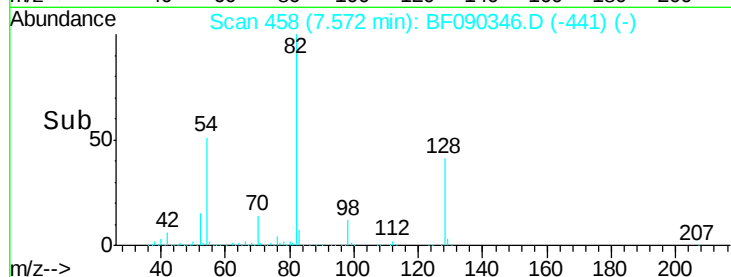
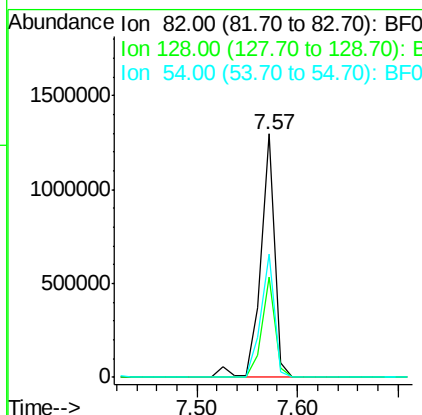
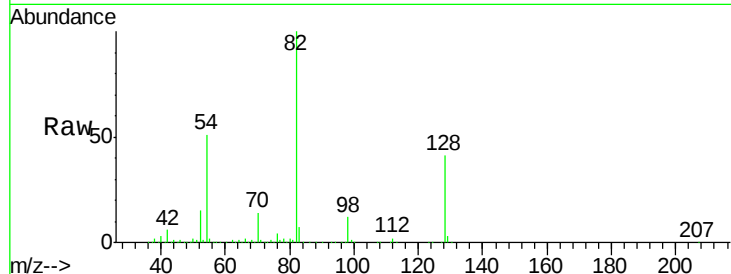
#23  
Nitrobenzene-d5  
Concen: 88.38 ng  
RT: 7.57 min Scan# 458  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.1  | 40.0  | 60.0  |
| 54      | 50.8  | 42.6  | 64.0  |

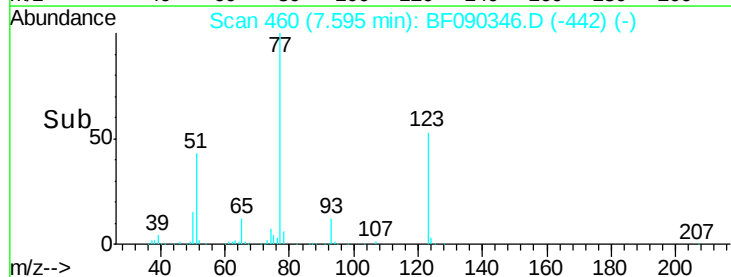
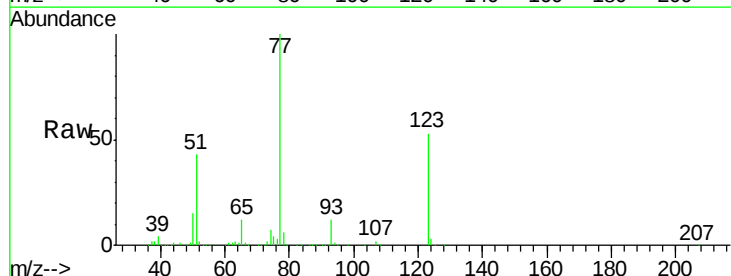
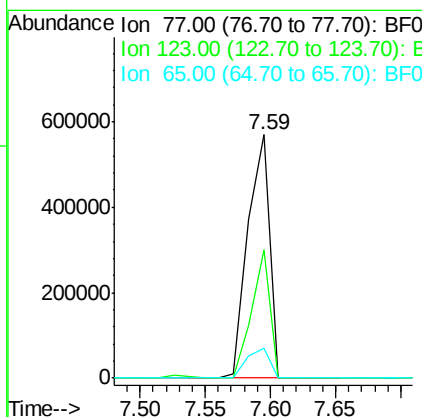
Manual Integrations  
APPROVED

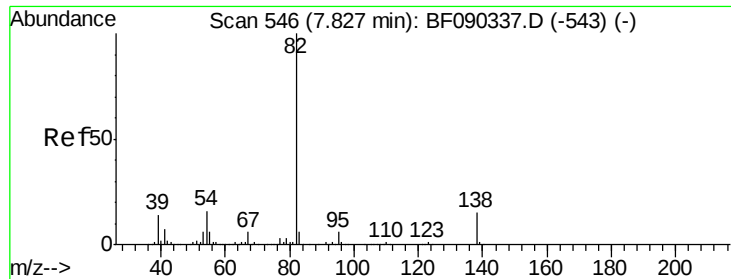
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#24  
Nitrobenzene  
Concen: 43.28 ng  
RT: 7.59 min Scan# 460  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 52.7  | 33.0  | 49.4# |
| 65      | 12.4  | 12.0  | 18.0  |





#25

Isophorone

Concen: 41.65 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

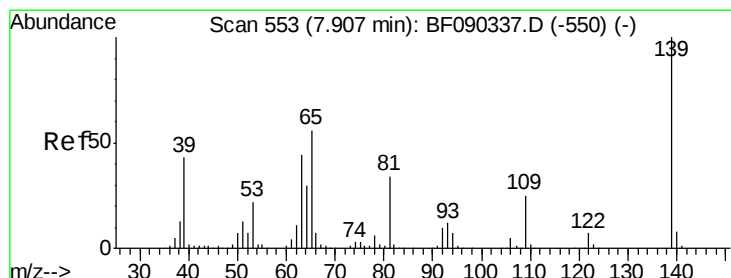
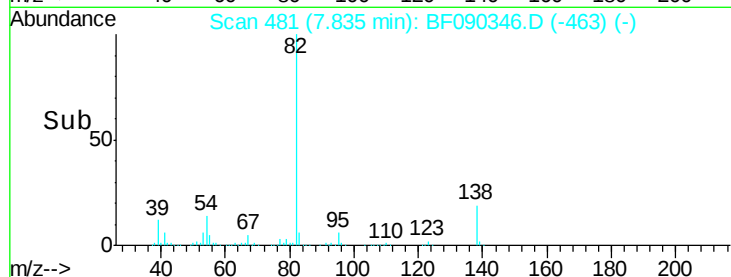
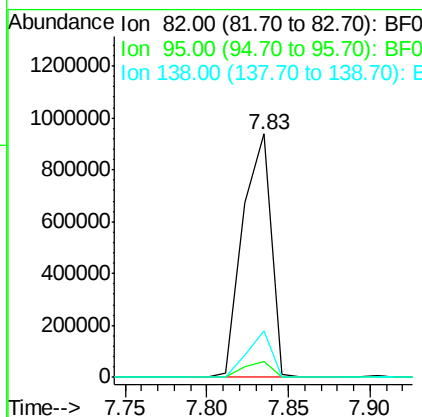
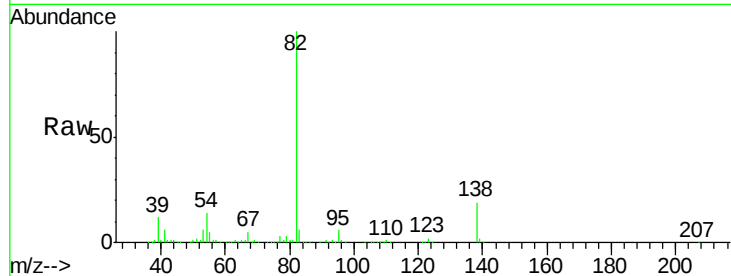
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1124389 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 95       | 6.3   | 5.2   | 7.8     |
| 138      | 19.1  | 13.0  | 19.4    |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 39.27 ng

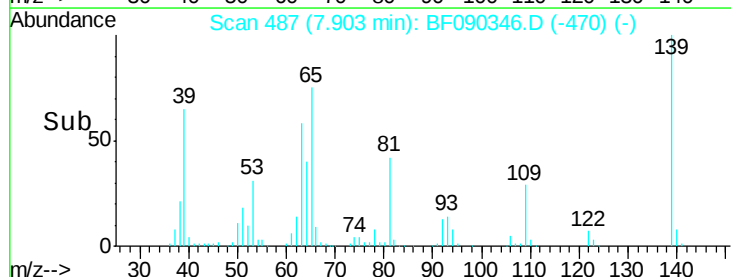
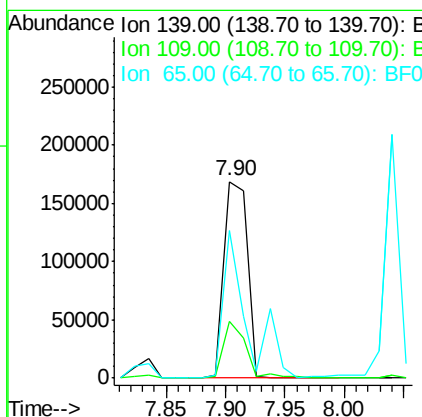
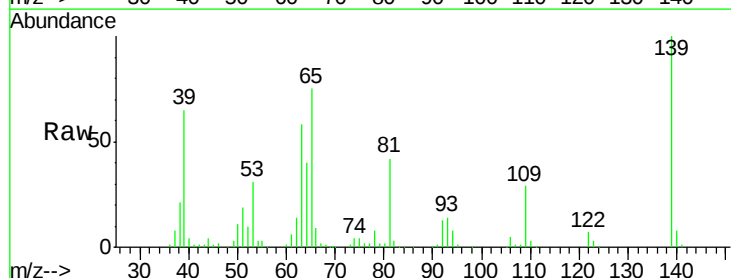
RT: 7.90 min Scan# 487

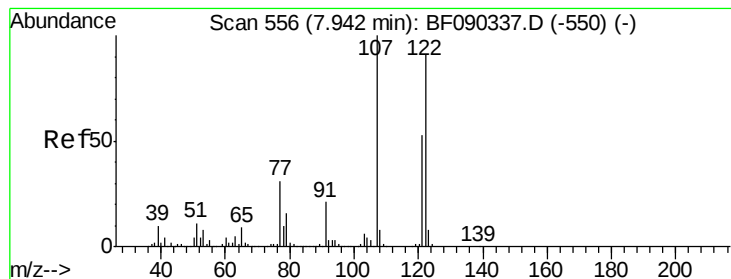
Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 229595 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 28.7  | 18.9  | 28.3#  |
| 65       | 74.7  | 31.6  | 47.4#  |





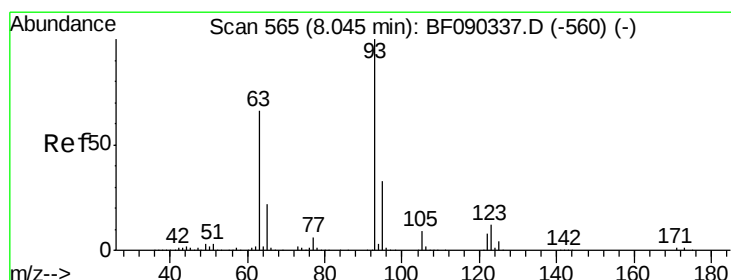
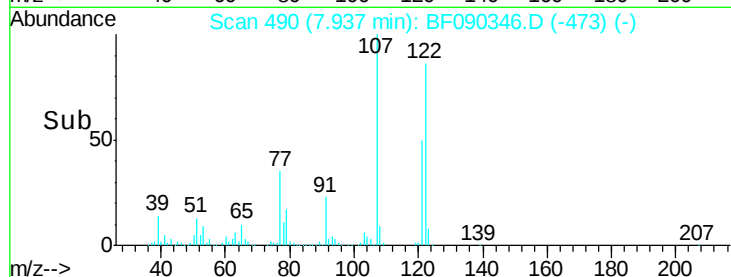
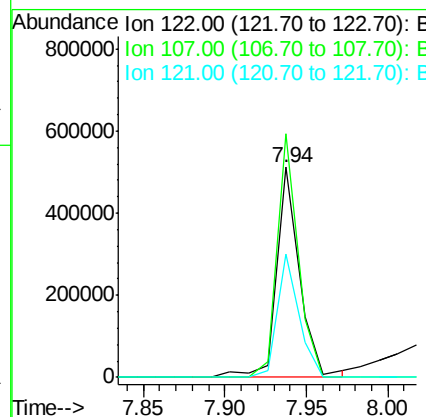
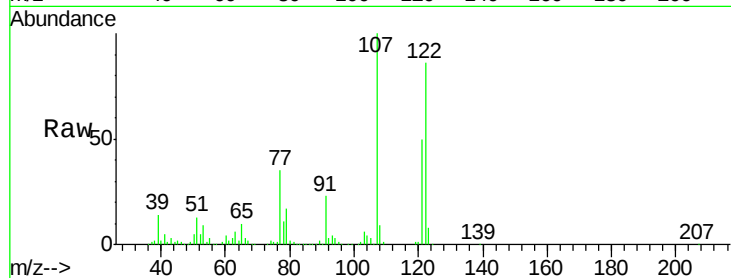
#27  
 2,4-Dimethylphenol  
 Concen: 38.23 ng  
 RT: 7.94 min Scan# 490  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 504333 |       |       |
| 107     | 115.8 | 88.6   | 132.8 |       |
| 121     | 58.4  | 47.5   | 71.3  |       |

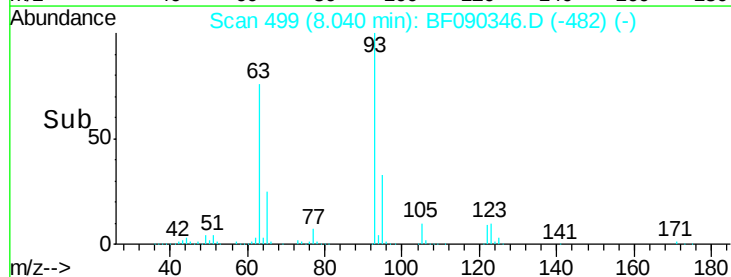
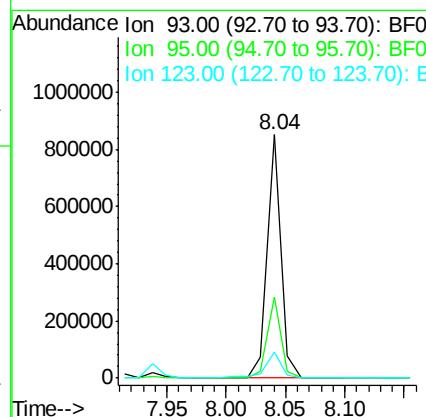
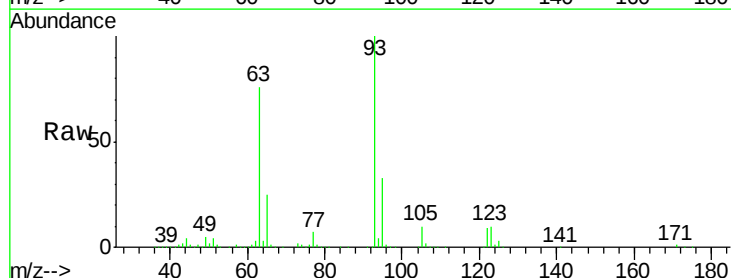
Manual Integrations  
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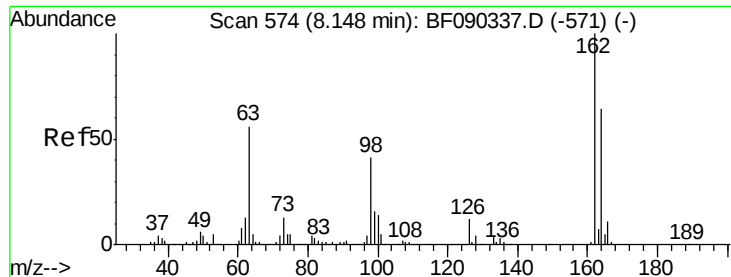
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.11 ng  
 RT: 8.04 min Scan# 499  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 689146 |       |       |
| 95      | 33.1  | 27.0   | 40.4  |       |
| 123     | 10.4  | 11.1   | 16.7  |       |





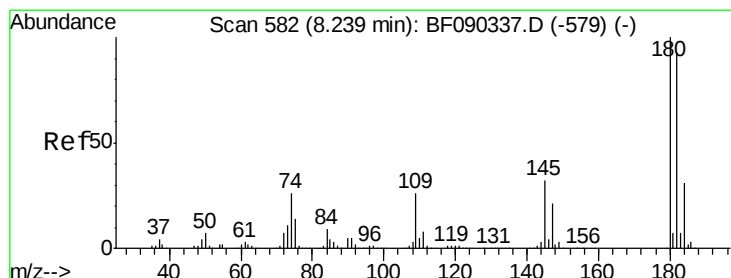
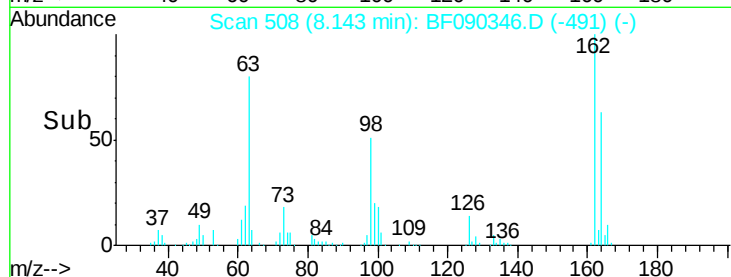
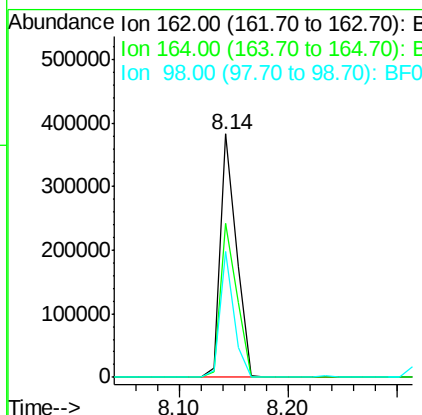
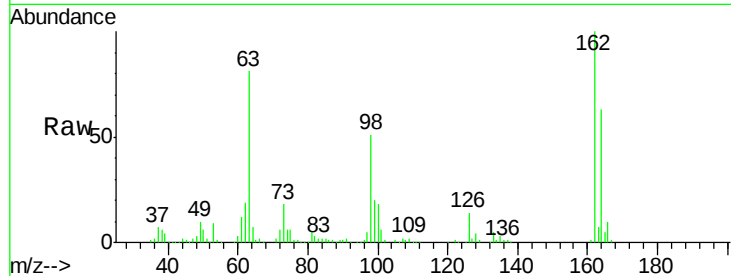
#29  
2,4-Dichlorophenol  
Concen: 36.66 ng  
RT: 8.14 min Scan# 508  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 395850 |       |       |
| 164     | 63.4  | 45.7   | 85.7  |       |
| 98      | 51.5  | 13.3   | 53.3  |       |

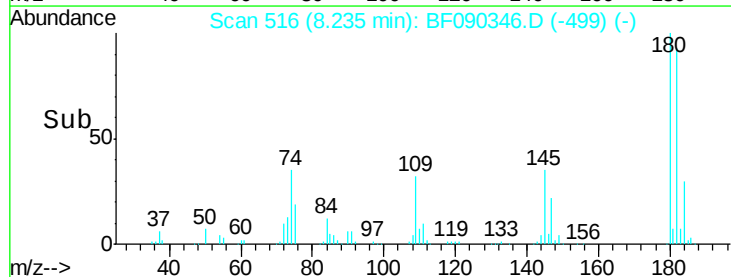
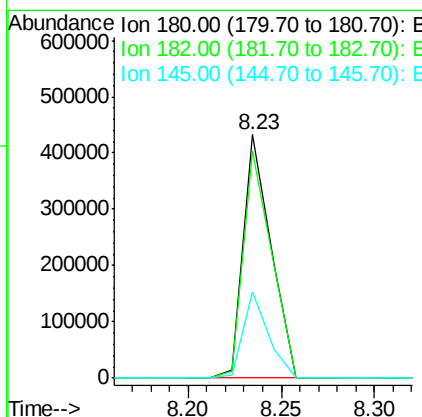
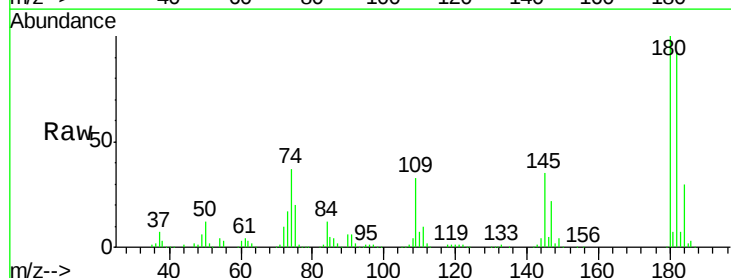
Manual Integrations  
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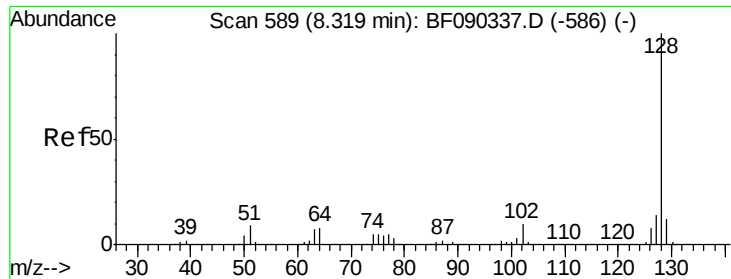
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#30  
1,2,4-Trichlorobenzene  
Concen: 36.79 ng  
RT: 8.23 min Scan# 516  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 444940 |       |       |
| 182     | 93.4  | 75.3   | 112.9 |       |
| 145     | 35.4  | 27.7   | 41.5  |       |





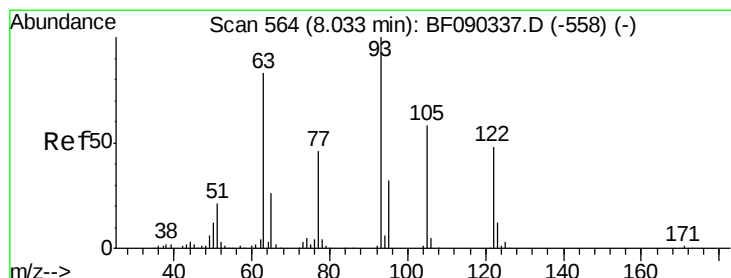
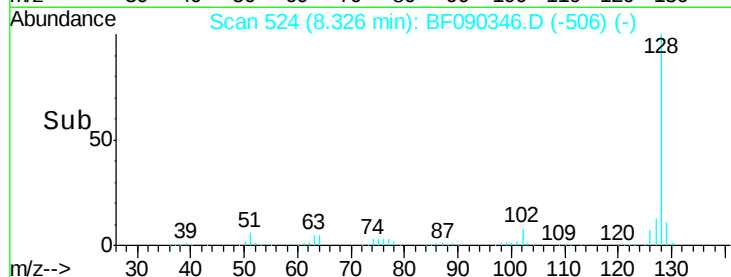
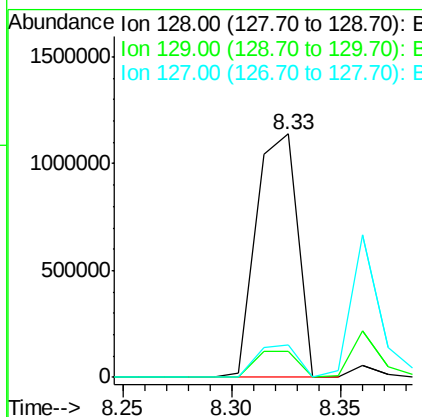
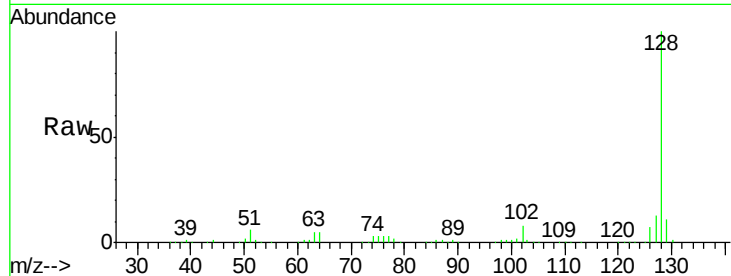
#31  
Naphthalene  
Concen: 38.40 ng  
RT: 8.33 min Scan# 524  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

Tgt Ion:128 Resp: 1518088  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.7 14.5  
127 13.3 11.7 17.5

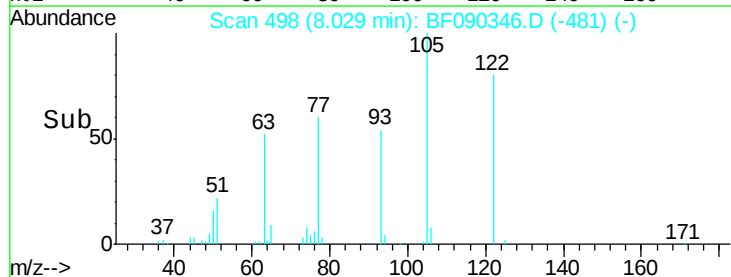
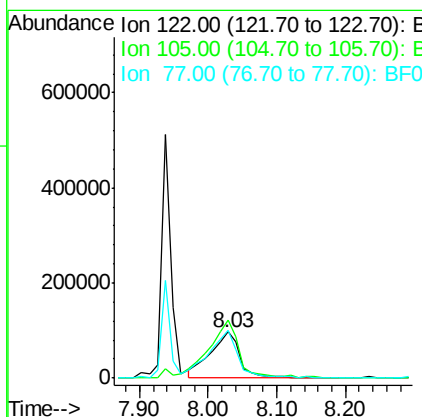
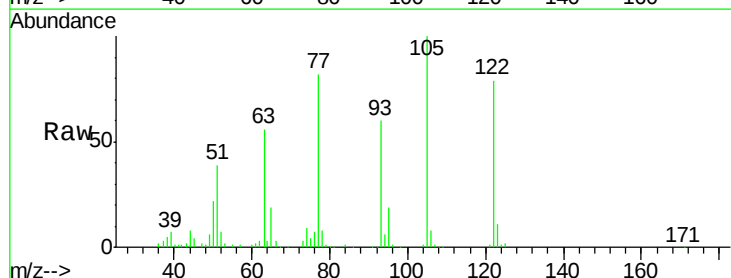
Manual Integrations  
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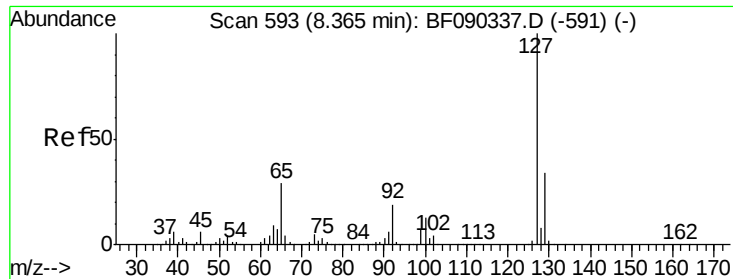
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#32  
Benzoic acid  
Concen: 35.59 ng  
RT: 8.03 min Scan# 498  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Tgt Ion:122 Resp: 288882  
Ion Ratio Lower Upper  
122 100  
105 125.9 103.9 143.9  
77 103.4 74.6 114.6





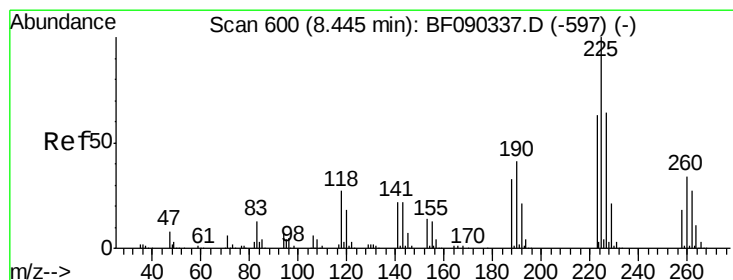
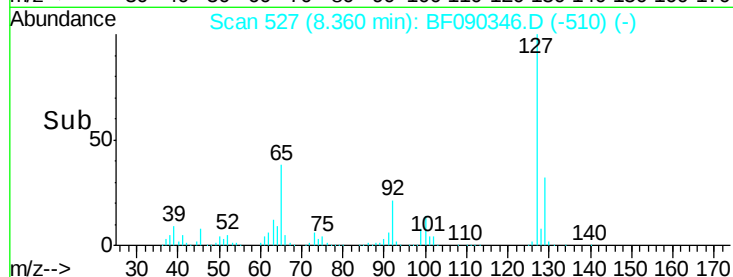
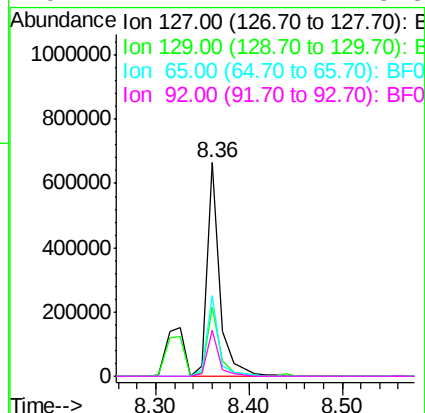
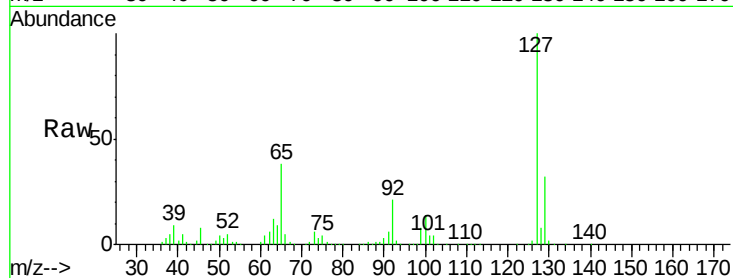
#33  
4-Chloroaniline  
Concen: 40.13 ng  
RT: 8.36 min Scan# 527  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 633761 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.4  | 26.2  | 39.4   |
| 65        | 37.9  | 32.5  | 48.7   |
| 92        | 21.4  | 17.2  | 25.8   |

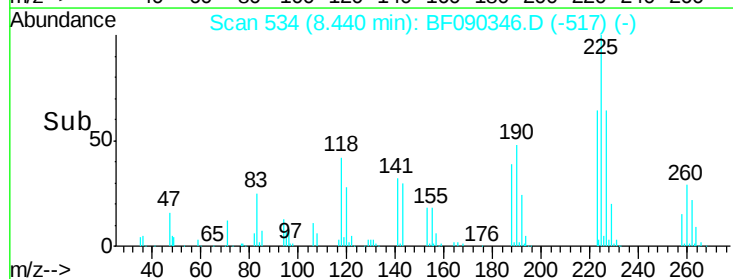
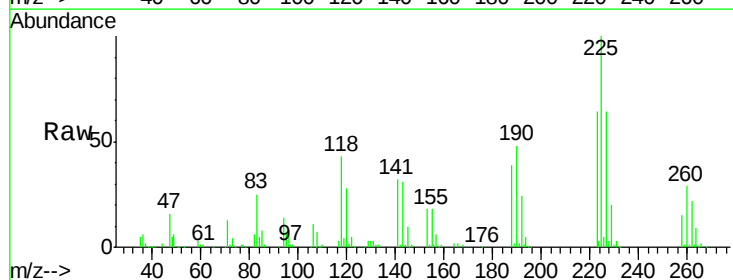
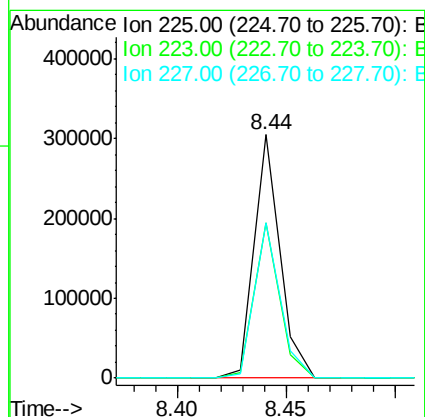
Manual Integrations  
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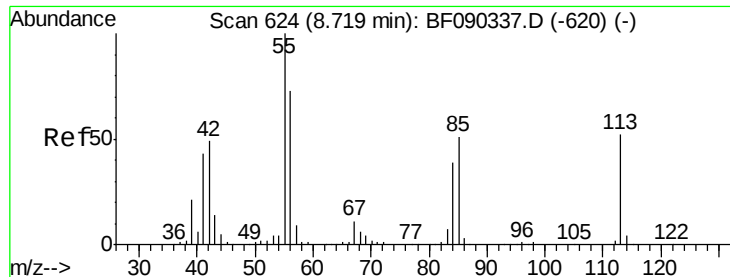
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#34  
Hexachlorobutadiene  
Concen: 35.46 ng  
RT: 8.44 min Scan# 534  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 252445 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.7  | 51.0  | 76.4   |
| 227       | 63.8  | 50.8  | 76.2   |





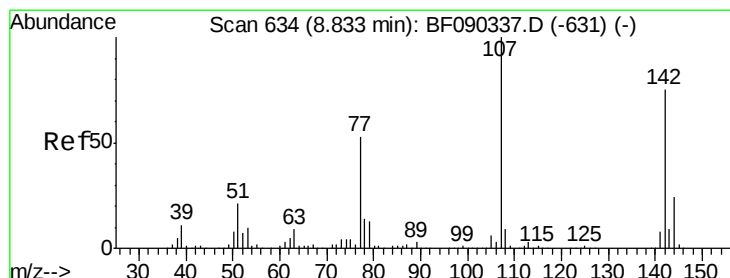
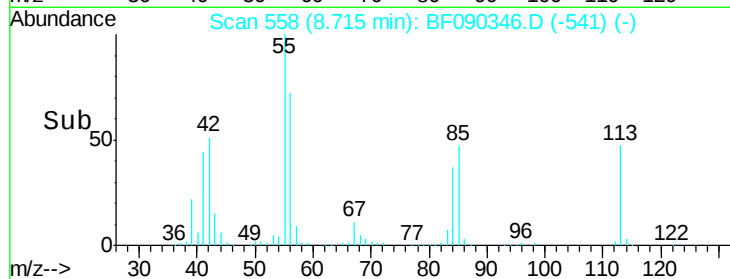
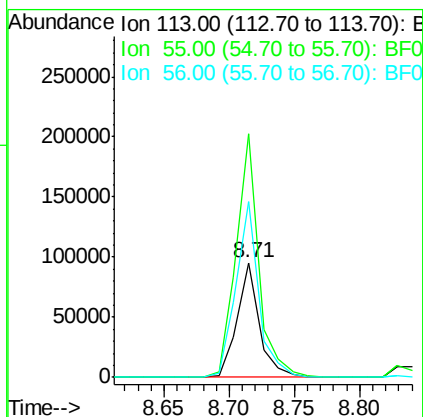
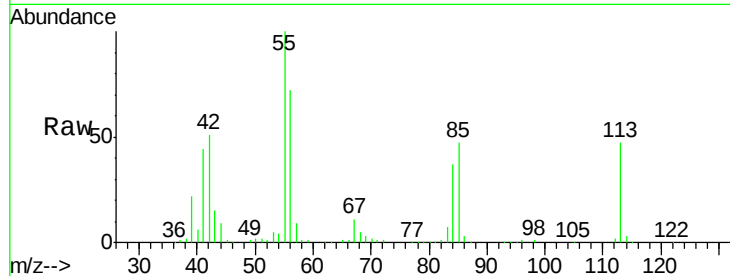
#35  
Caprolactam  
Concen: 39.50 ng  
RT: 8.71 min Scan# 558  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

Tgt Ion:113 Resp: 111563  
Ion Ratio Lower Upper  
113 100  
55 212.6 203.3 243.3  
56 153.9 140.5 180.5

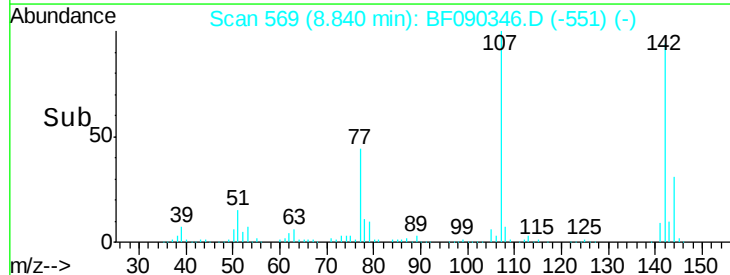
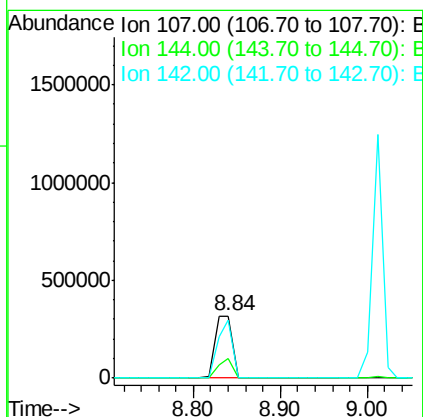
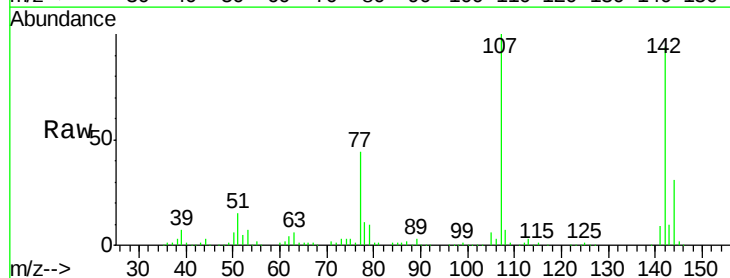
Manual Integrations  
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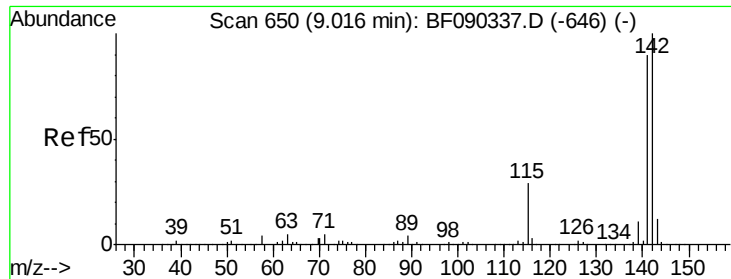
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#36  
4-Chloro-3-methylphenol  
Concen: 38.41 ng  
RT: 8.84 min Scan# 569  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Tgt Ion:107 Resp: 445476  
Ion Ratio Lower Upper  
107 100  
144 31.0 19.8 29.8#  
142 93.9 60.7 91.1#





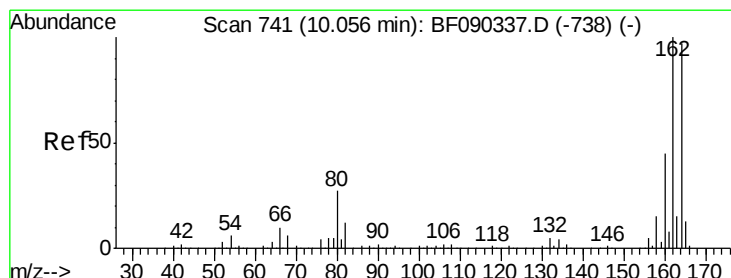
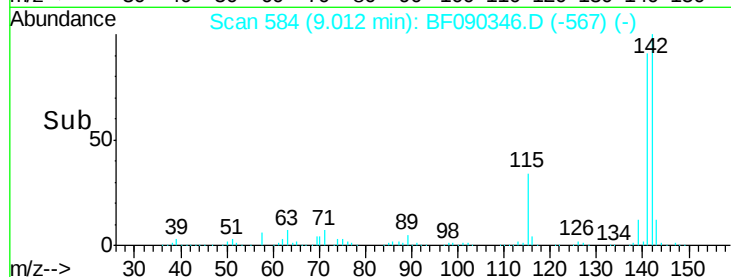
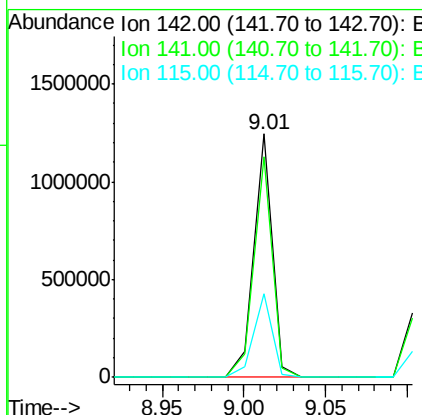
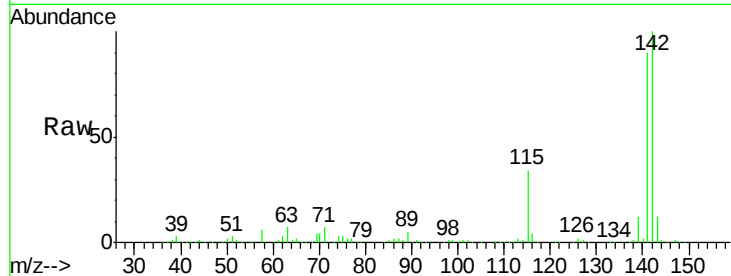
#37  
2-Methylnaphthalene  
Concen: 39.64 ng  
RT: 9.01 min Scan# 584  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.4  | 71.8  | 107.8 |
| 115     | 34.1  | 28.8  | 43.2  |

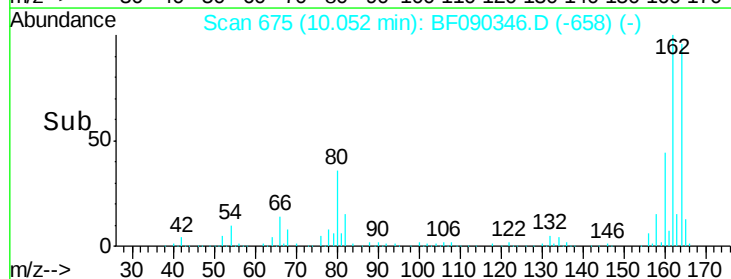
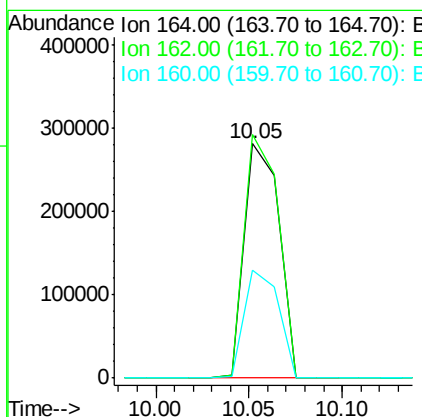
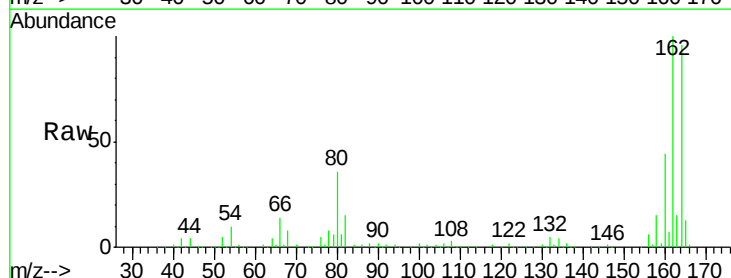
Manual Integrations  
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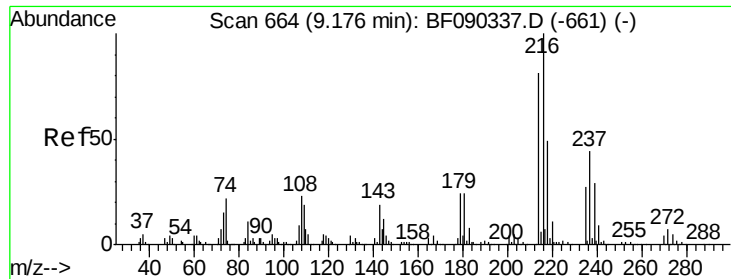
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.05 min Scan# 675  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.9 | 80.1  | 120.1 |
| 160     | 45.9  | 36.3  | 54.5  |





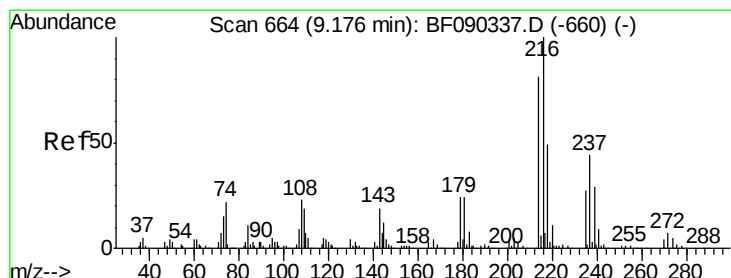
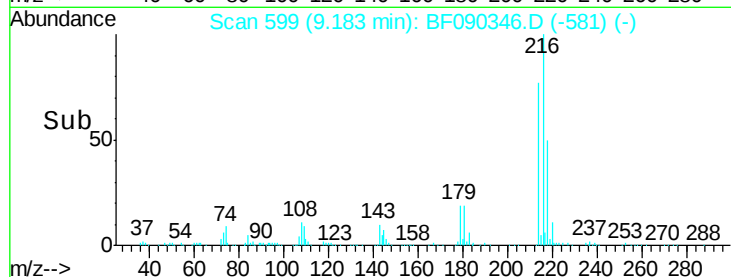
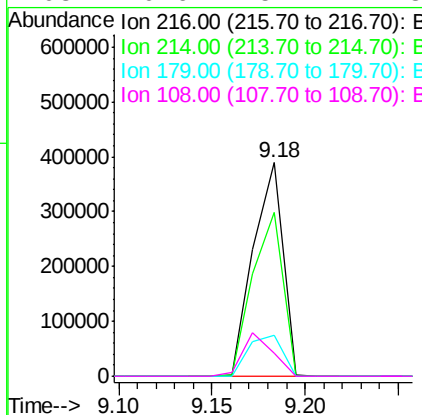
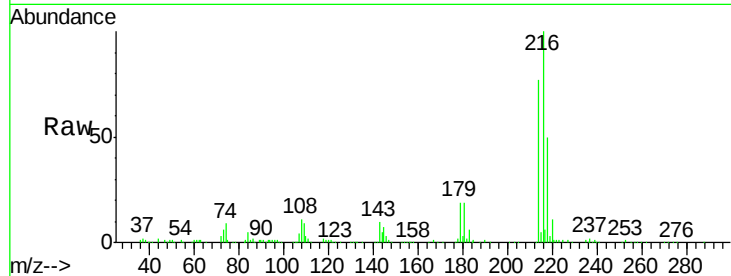
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.89 ng  
 RT: 9.18 min Scan# 599  
 Delta R.T. 0.01 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 428163 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.5  | 64.2  | 96.2   |
| 179       | 22.3  | 18.0  | 27.0   |
| 108       | 20.6  | 15.2  | 22.8   |

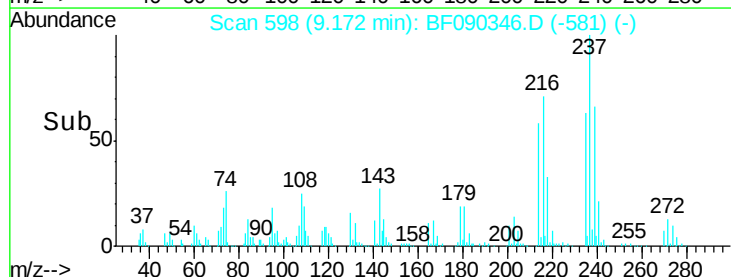
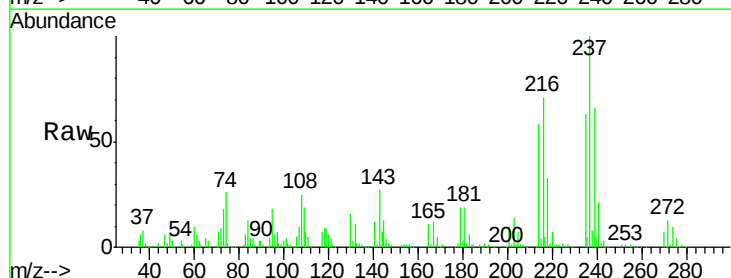
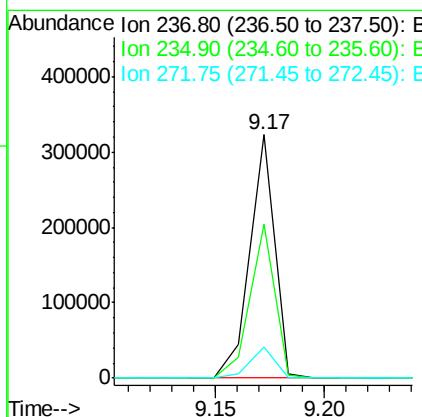
Manual Integrations  
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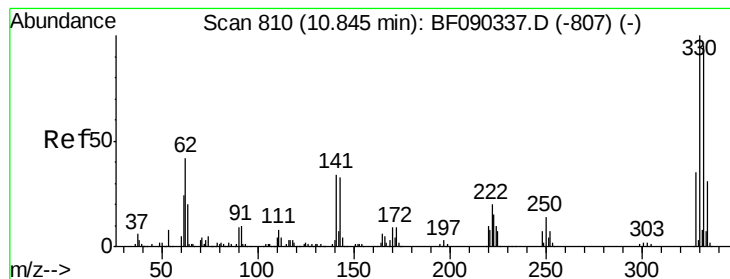
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#40  
 Hexachlorocyclopentadiene  
 Concen: 40.60 ng  
 RT: 9.17 min Scan# 598  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 256637 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.1  | 43.6  | 83.6   |
| 272       | 12.8  | 0.0   | 32.7   |





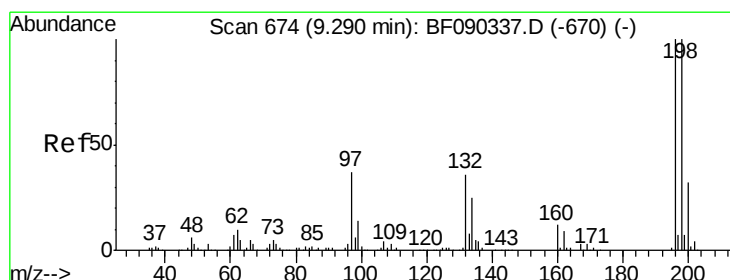
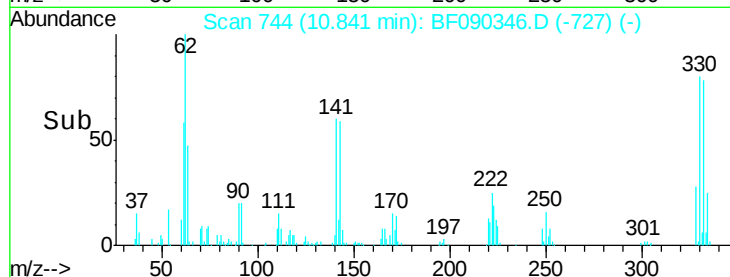
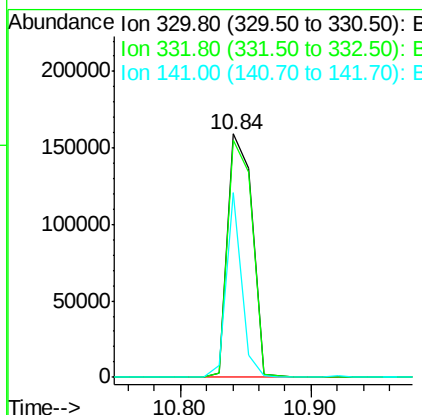
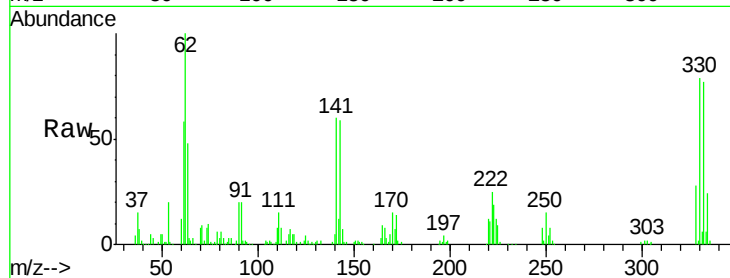
#41  
 2,4,6-Tribromophenol  
 Concen: 66.11 ng  
 RT: 10.84 min Scan# 744  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 207907 |       |       |
| 332     | 97.4  | 75.4   | 113.0 |       |
| 141     | 47.4  | 26.9   | 40.3# |       |

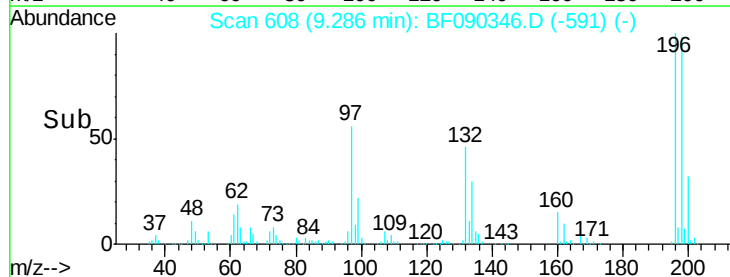
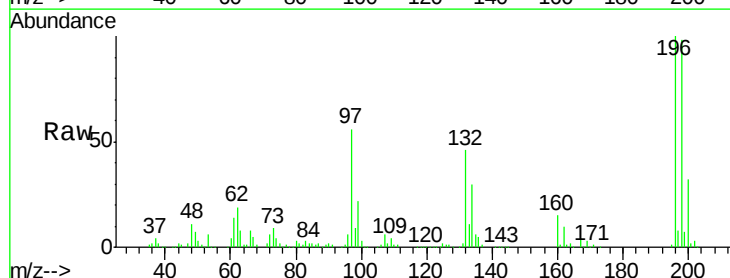
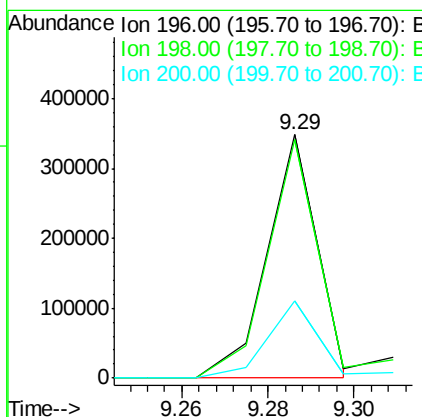
Manual Integrations  
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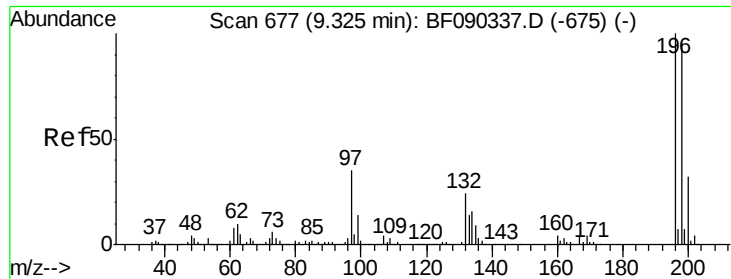
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#42  
 2,4,6-Trichlorophenol  
 Concen: 44.06 ng m  
 RT: 9.29 min Scan# 608  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 283306 |       |       |
| 198     | 97.9  | 78.9   | 118.3 |       |
| 200     | 31.8  | 25.4   | 38.2  |       |





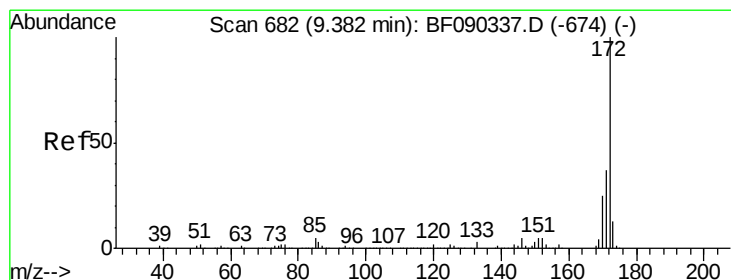
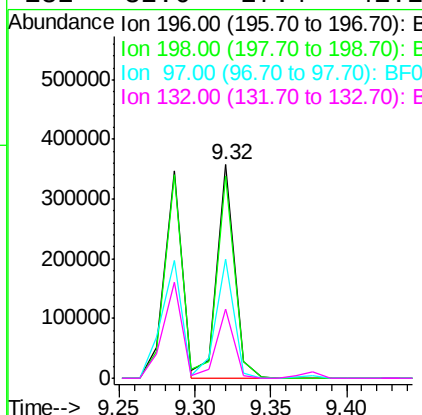
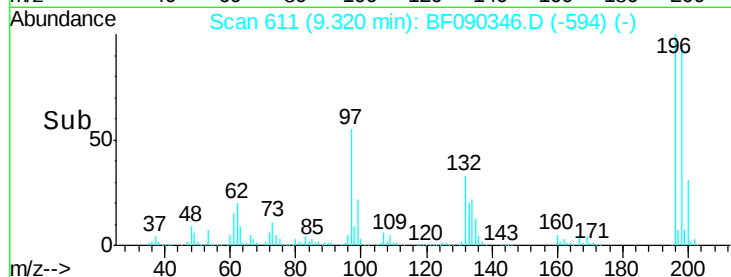
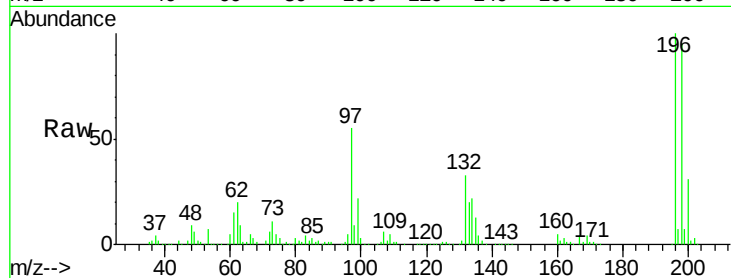
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.74 ng m  
 RT: 9.32 min Scan# 611  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 289416 |       |       |
| 198     | 95.0  | 78.1   | 117.1 |       |
| 97      | 55.5  | 48.1   | 72.1  |       |
| 132     | 32.6  | 27.4   | 41.2  |       |

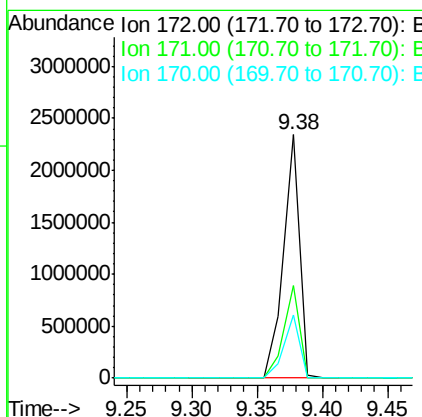
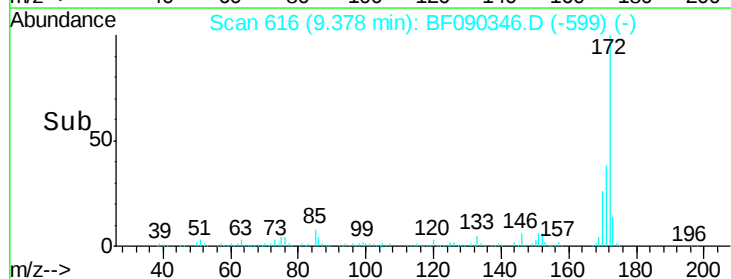
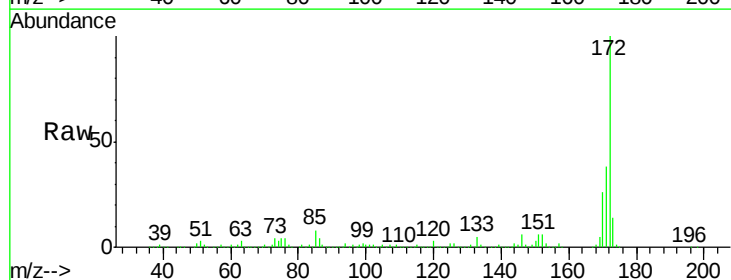
Manual Integrations  
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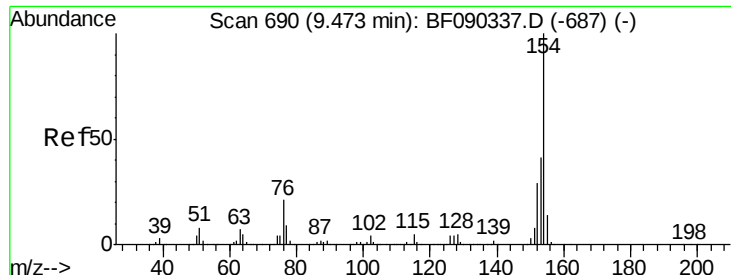
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#44  
 2-Fluorobiphenyl  
 Concen: 91.70 ng  
 RT: 9.38 min Scan# 616  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2036469 |       |       |
| 171     | 37.8  | 31.8    | 47.8  |       |
| 170     | 25.9  | 21.7    | 32.5  |       |





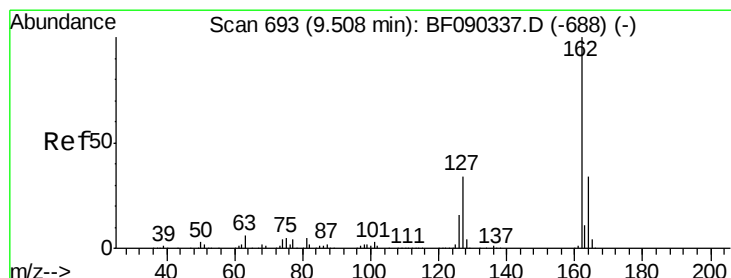
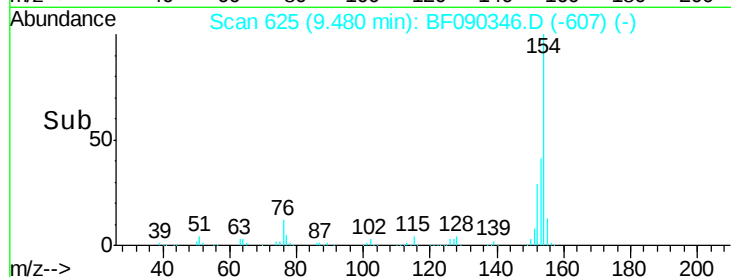
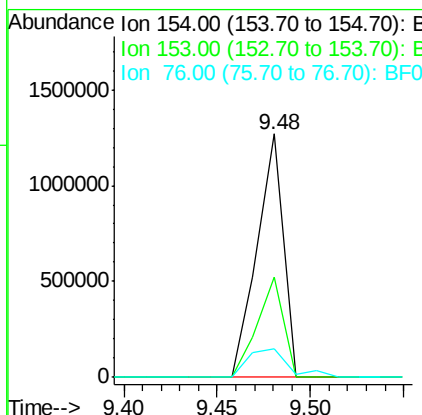
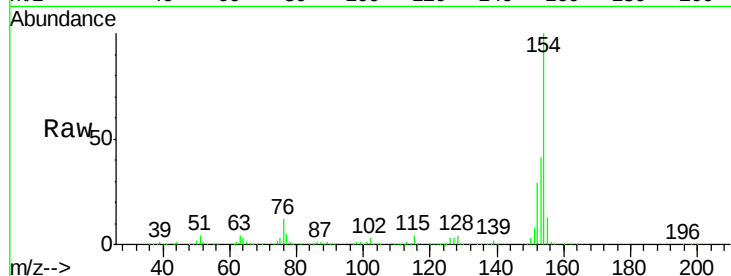
#45  
1,1'-Biphenyl  
Concen: 44.04 ng  
RT: 9.48 min Scan# 625  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 23.8  | 63.8  |
| 76      | 12.0  | 0.0   | 35.8  |

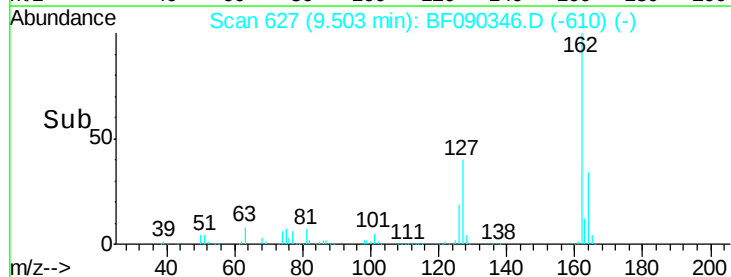
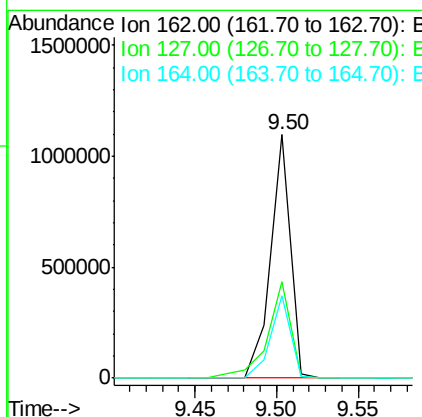
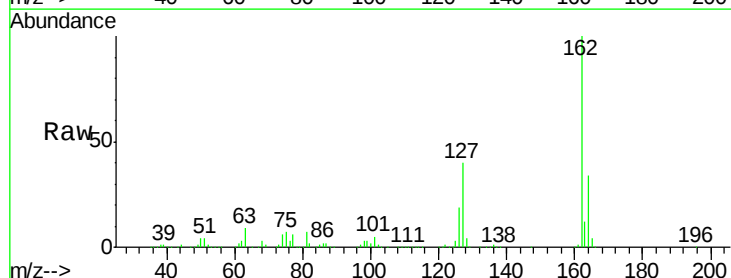
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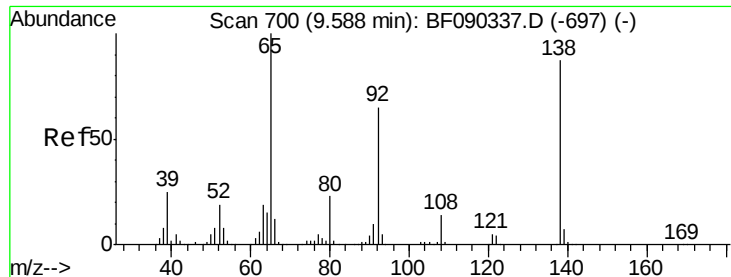
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#46  
2-Chloronaphthalene  
Concen: 44.32 ng  
RT: 9.50 min Scan# 627  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.7  | 35.6  | 53.4  |
| 164     | 33.7  | 27.5  | 41.3  |





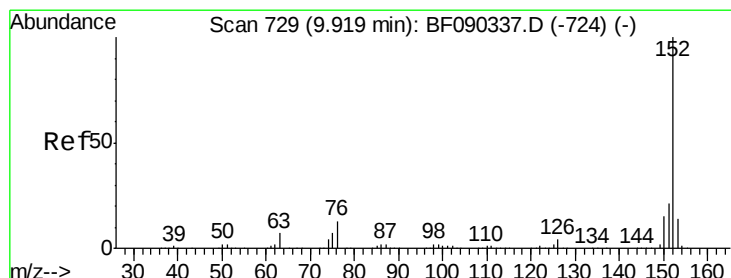
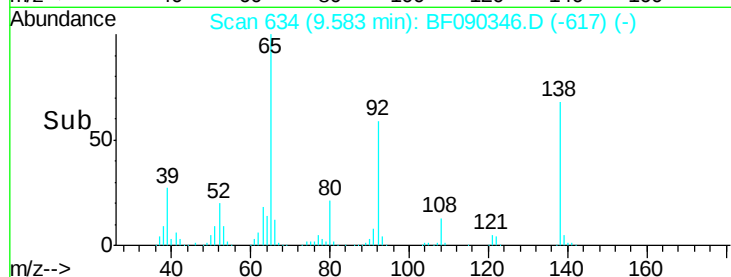
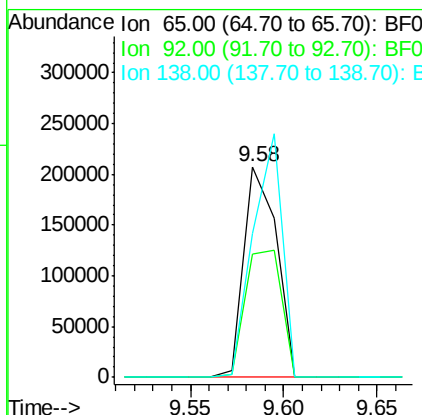
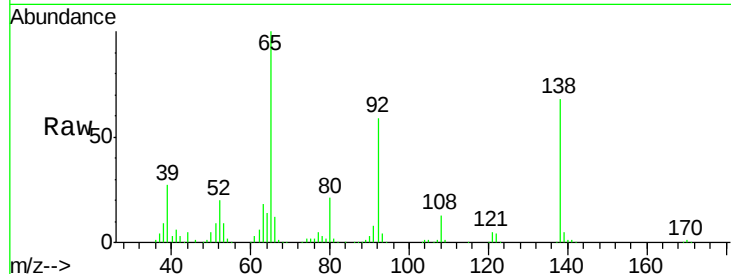
#47  
2-Nitroaniline  
Concen: 44.38 ng  
RT: 9.58 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 65 Resp: 254911  
Ion Ratio Lower Upper  
65 100  
92 58.8 51.7 77.5  
138 68.4 79.0 118.4#

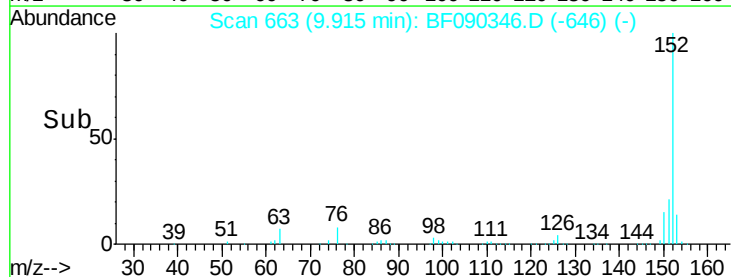
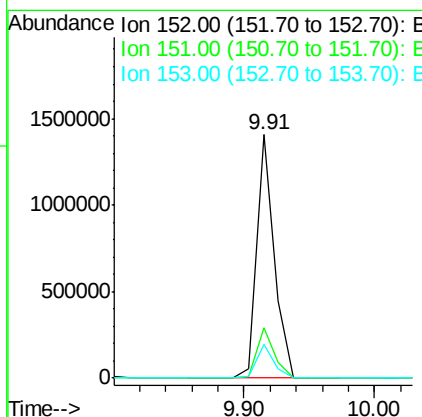
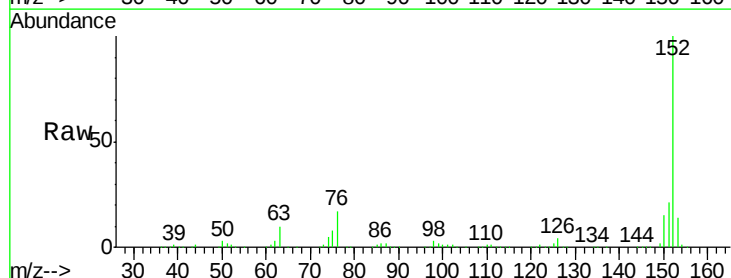
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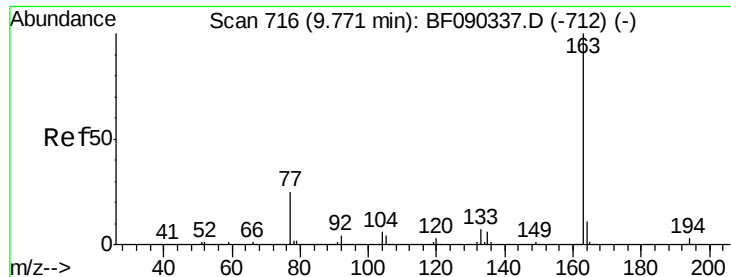
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#48  
Acenaphthylene  
Concen: 41.22 ng  
RT: 9.91 min Scan# 663  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Tgt Ion: 152 Resp: 1311982  
Ion Ratio Lower Upper  
152 100  
151 20.7 17.4 26.0  
153 14.0 11.6 17.4





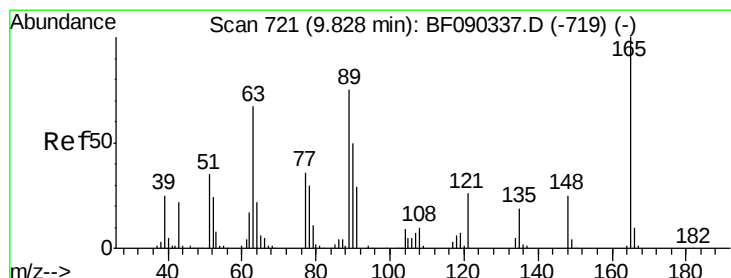
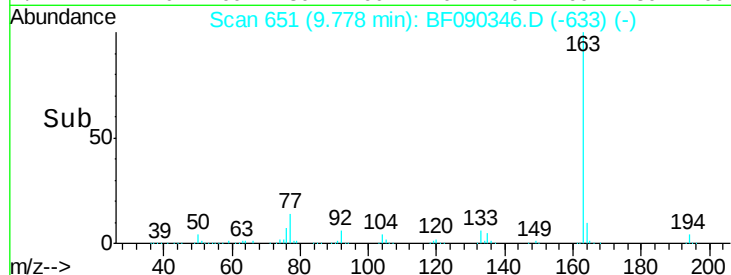
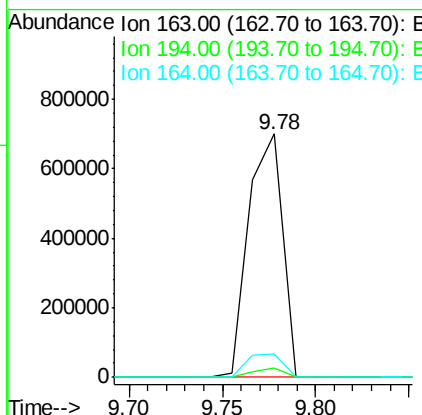
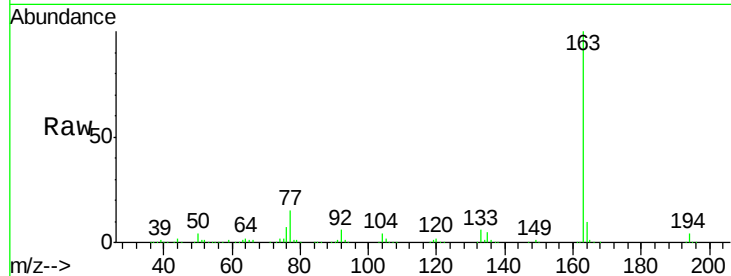
#49  
Dimethylphthalate  
Concen: 41.01 ng  
RT: 9.78 min Scan# 651  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 879028 |       |       |
| 194     | 3.8   |        | 2.8   | 4.2   |
| 164     | 9.9   |        | 9.0   | 13.4  |

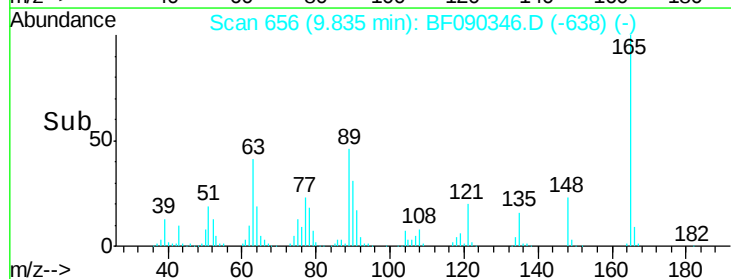
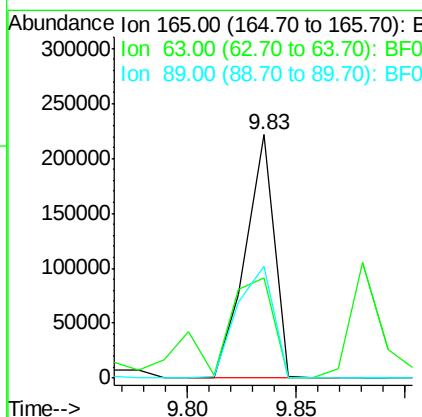
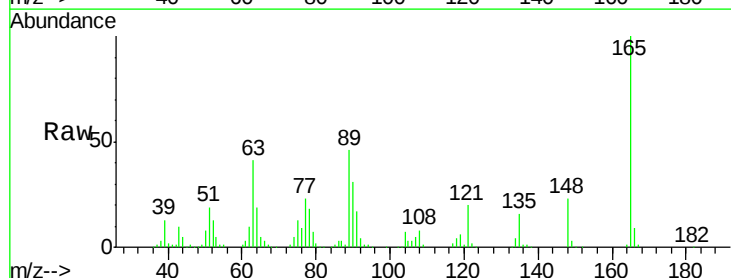
Manual Integrations  
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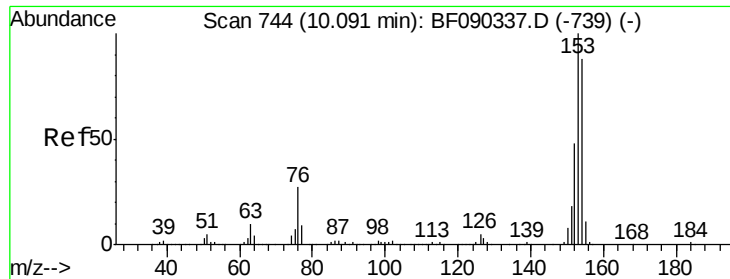
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#50  
2,6-Dinitrotoluene  
Concen: 43.79 ng  
RT: 9.83 min Scan# 656  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 205319 |       |       |
| 63      | 41.0  |        | 58.0  | 87.0# |
| 89      | 45.7  |        | 51.2  | 76.8# |





#51

Acenaphthene

Concen: 40.41 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

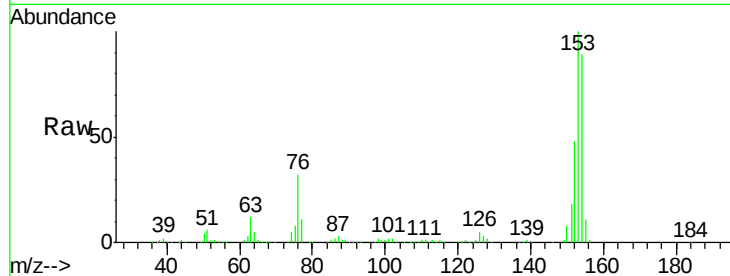
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 782716 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.6 | 88.6  | 133.0  |
| 152       | 53.8  | 42.6  | 64.0   |

Manual Integrations  
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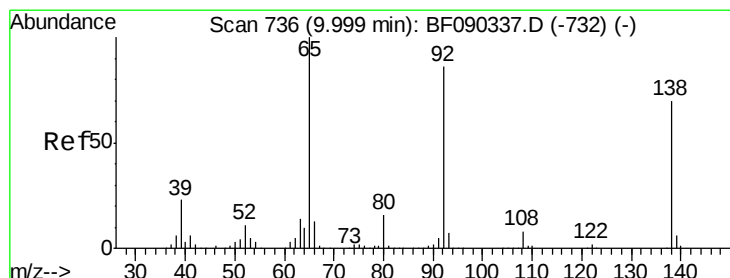
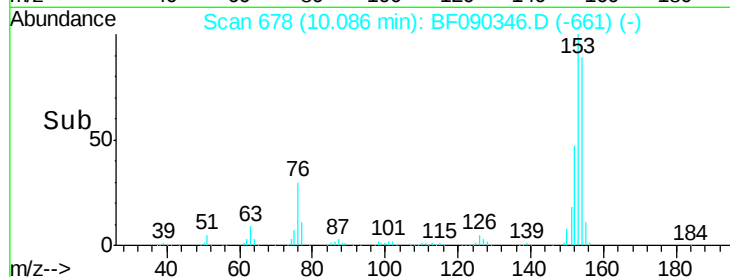
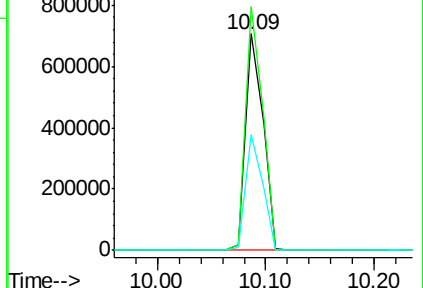
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.00 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF090346.D

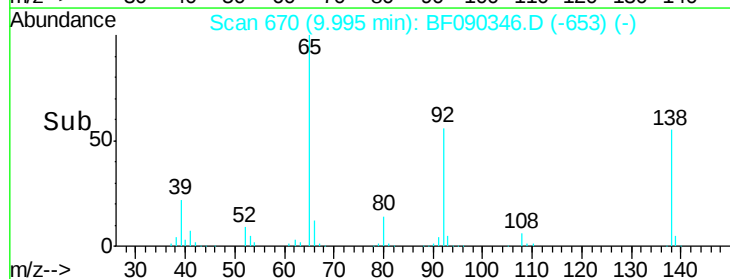
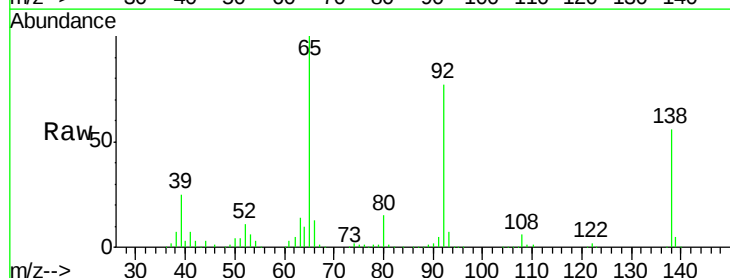
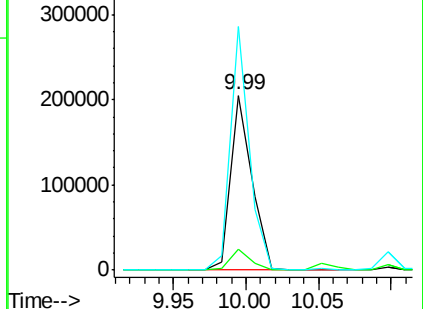
Acq: 4 Oct 2016 17:18

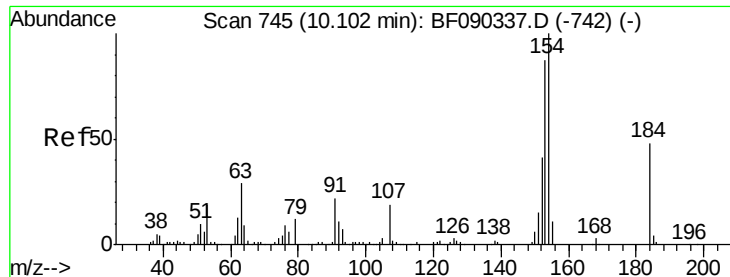
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 207114 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.6  | 9.7   | 14.5   |
| 92        | 139.4 | 97.1  | 145.7  |

Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





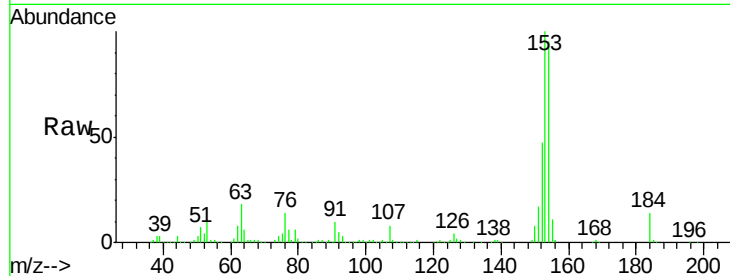
#53  
2,4-Dinitrophenol  
Concen: 35.41 ng  
RT: 10.10 min Scan# 679  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

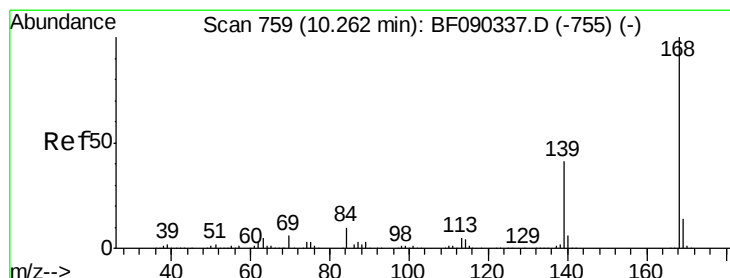
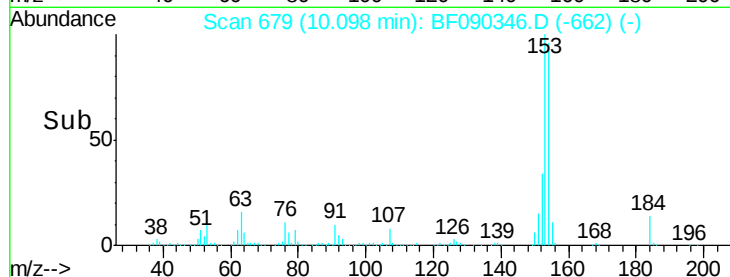
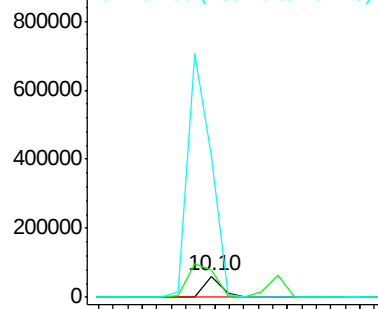
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 130.3 | 41.9  | 62.9# |
| 154     | 669.5 | 48.9  | 73.3# |

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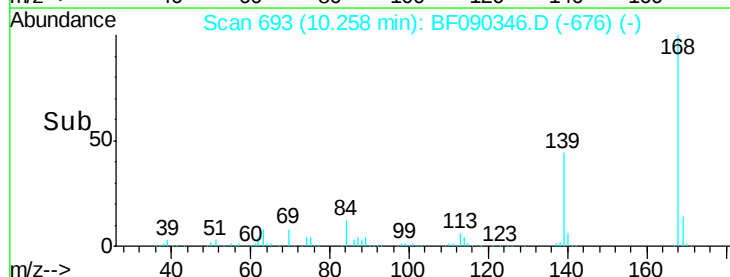
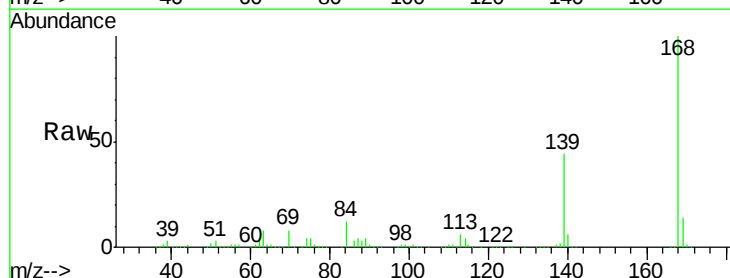
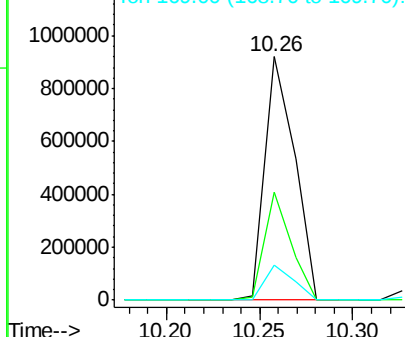
Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

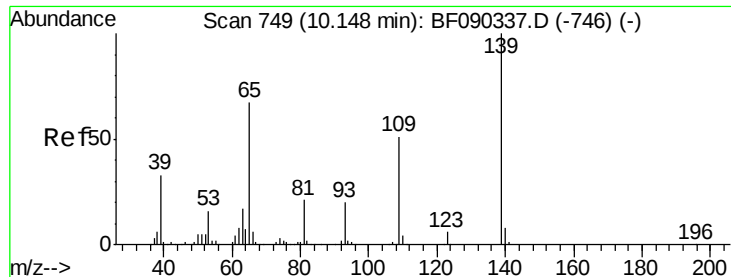


#54  
Dibenzofuran  
Concen: 39.43 ng  
RT: 10.26 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 44.3  | 29.6  | 44.4  |
| 169     | 14.4  | 11.3  | 16.9  |

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





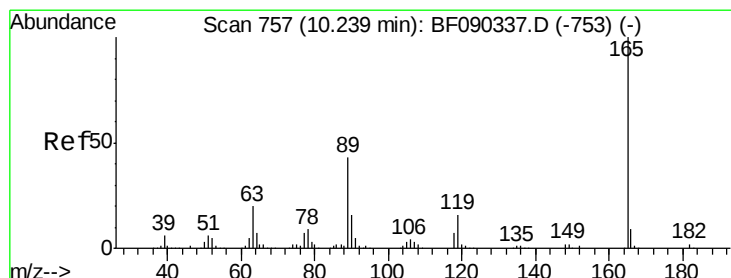
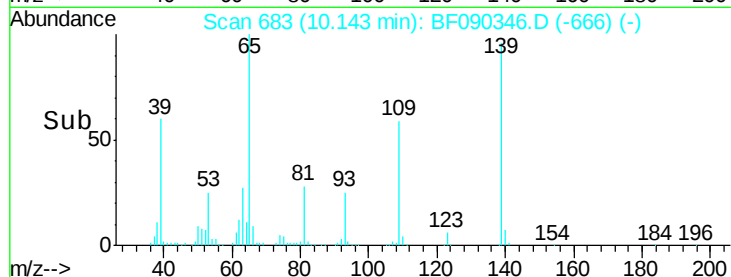
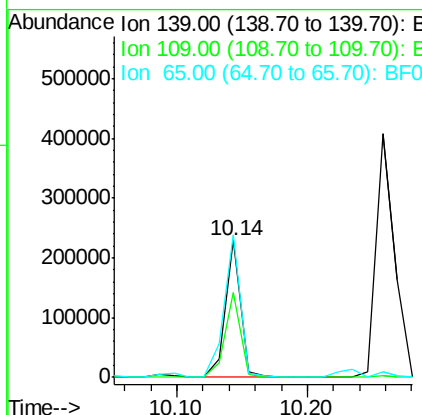
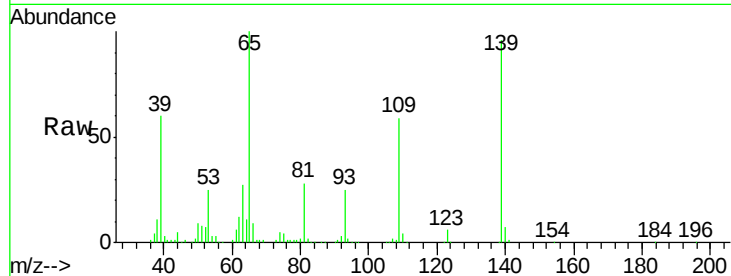
#55  
4-Nitrophenol  
Concen: 44.71 ng  
RT: 10.14 min Scan# 683  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 189078 |       |       |
| 109     | 61.5  | 43.6   | 83.6  |       |
| 65      | 103.7 | 87.5   | 127.5 |       |

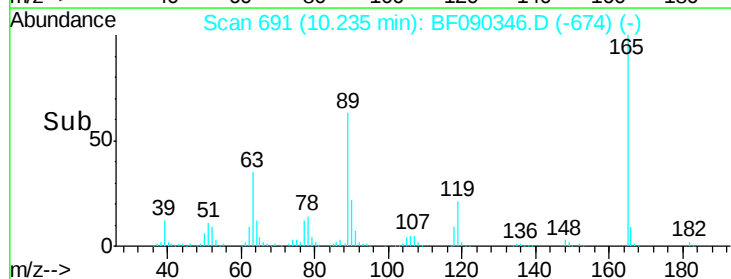
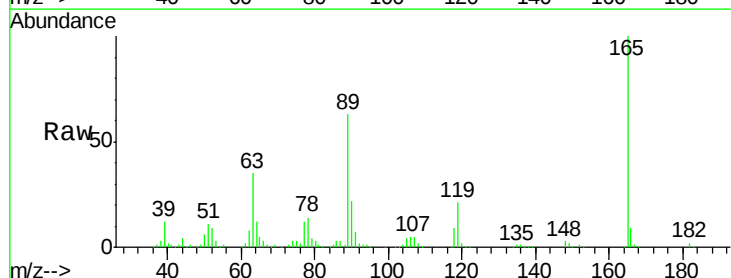
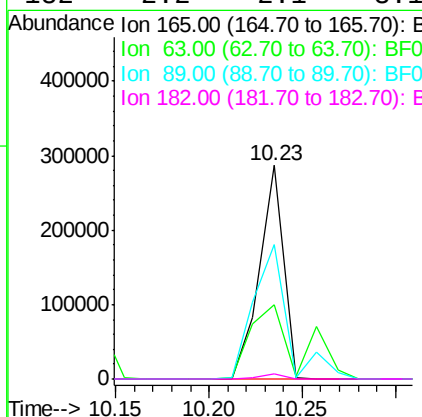
Manual Integrations  
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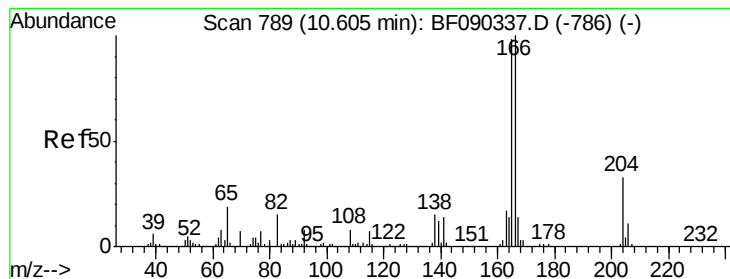
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10/5/2016 7:25:59 PM



#56  
2,4-Dinitrotoluene  
Concen: 45.14 ng  
RT: 10.23 min Scan# 691  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 254772 |       |       |
| 63      | 34.5  | 17.8   | 26.6# |       |
| 89      | 62.7  | 33.2   | 49.8# |       |
| 182     | 2.2   | 2.1    | 3.1   |       |





#57

Fluorene

Concen: 40.50 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

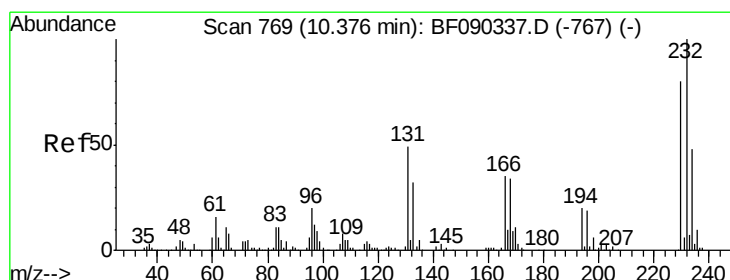
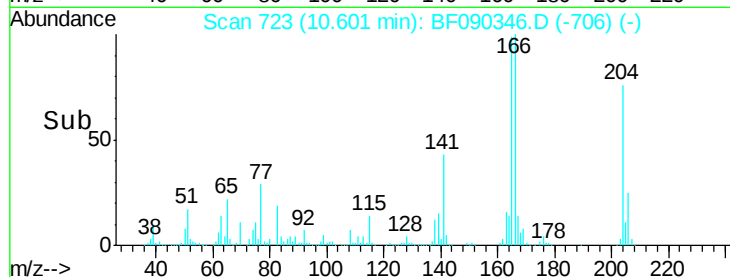
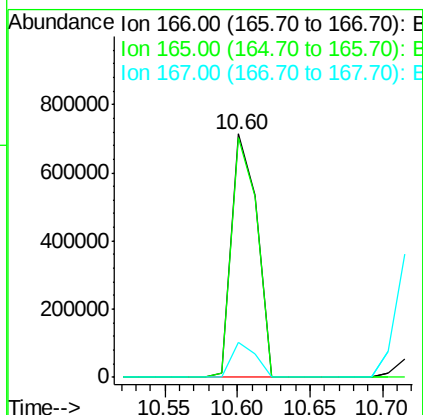
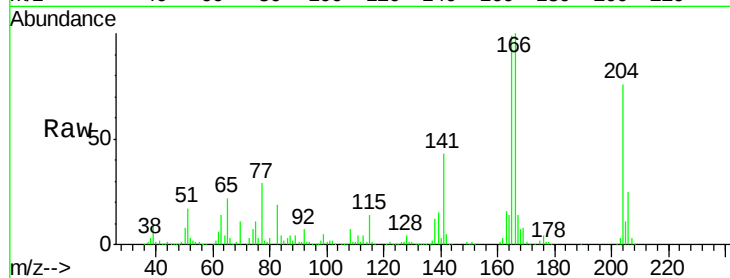
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 867786 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.5  | 79.2  | 118.8  |
| 167       | 14.3  | 11.1  | 16.7   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.52 ng

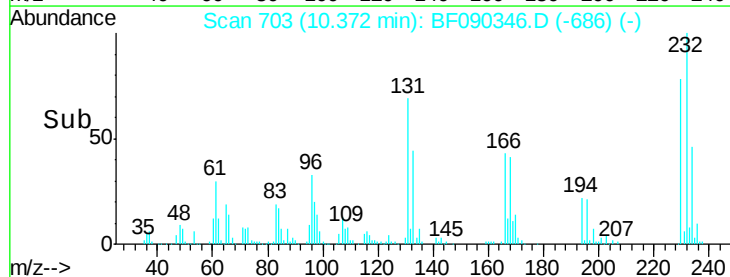
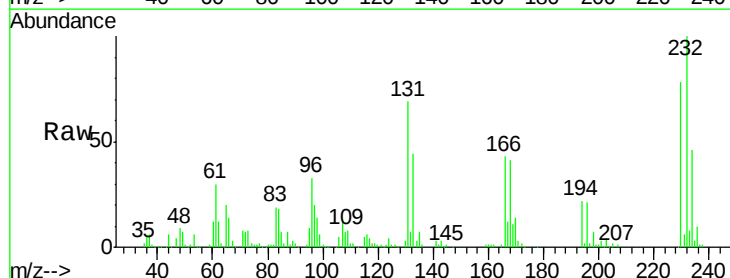
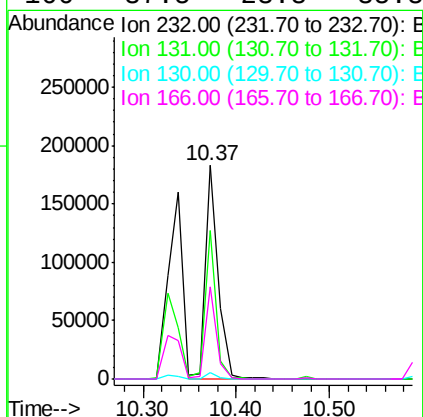
RT: 10.37 min Scan# 703

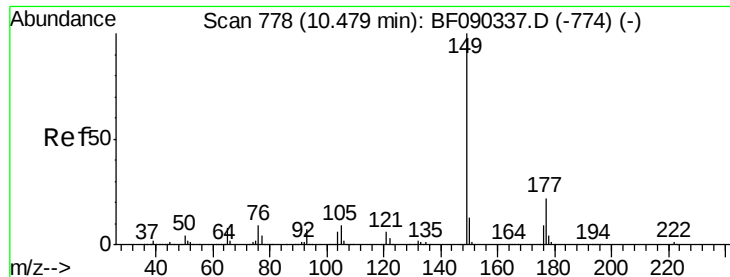
Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 175726 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 58.5  | 34.5  | 51.7#  |
| 130       | 2.6   | 1.6   | 2.4#   |
| 166       | 37.5  | 23.8  | 35.8#  |





#59

Diethylphthalate

Concen: 39.91 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

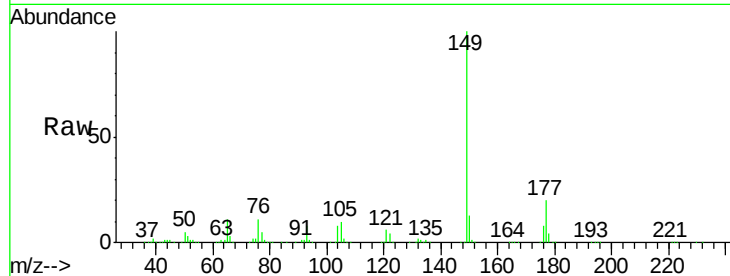
ClientSampled :

SSTDCCC040

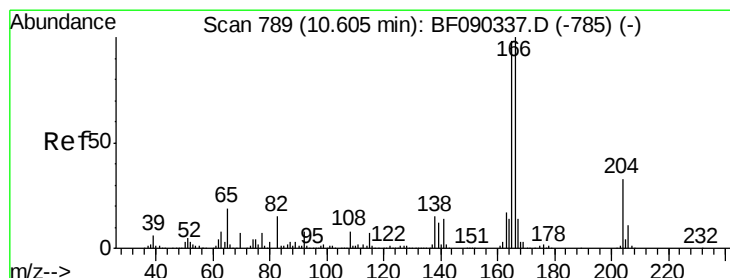
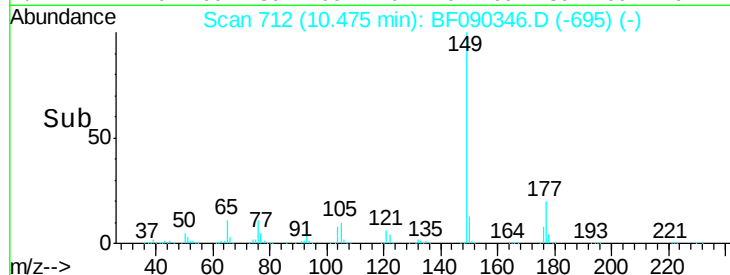
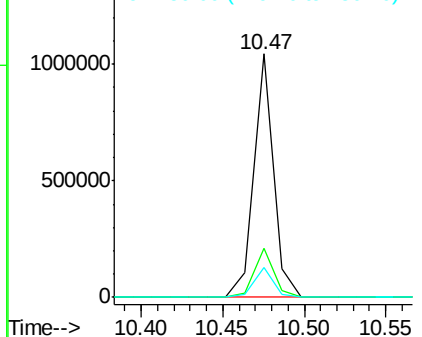
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 874422 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 20.2  | 21.1  | 31.7#  |
| 150       | 12.5  | 10.2  | 15.2   |

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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: 43.28 ng

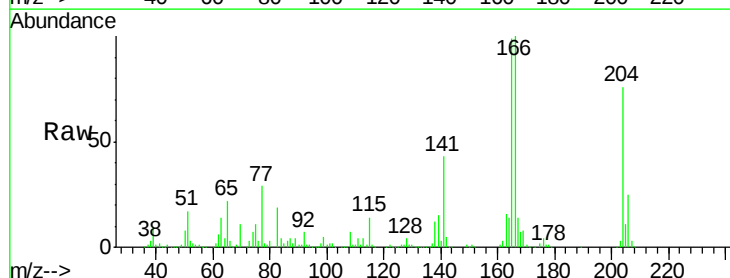
RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

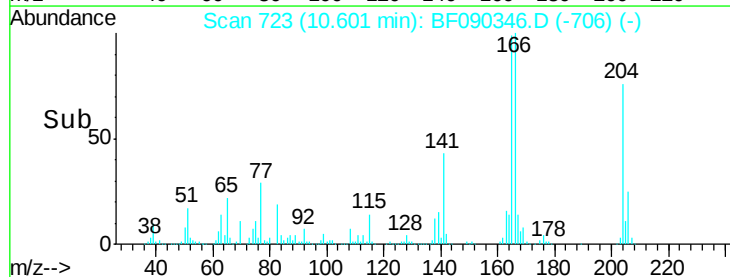
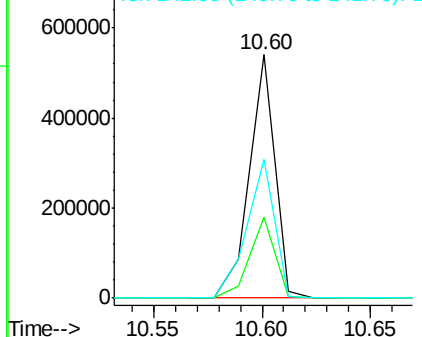
Lab File: BF090346.D

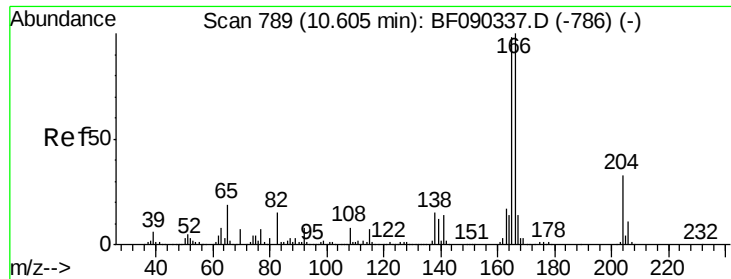
Acq: 4 Oct 2016 17:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 439664 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.1  | 26.7  | 40.1   |
| 141       | 56.7  | 51.7  | 77.5   |



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





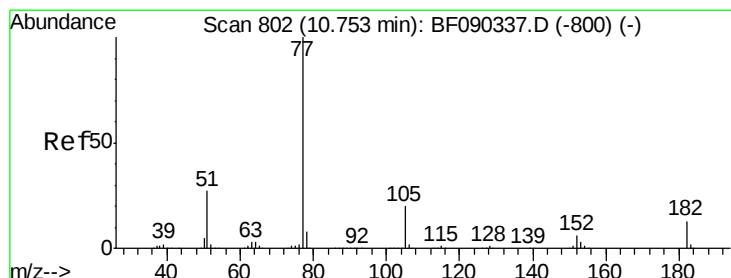
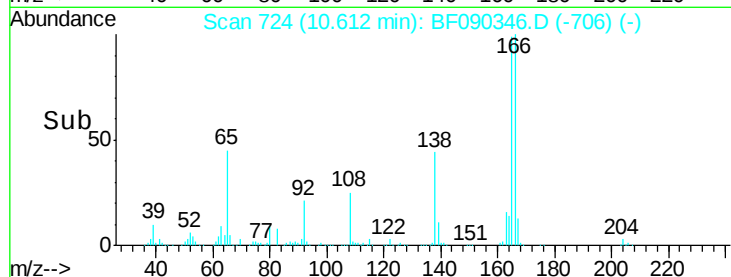
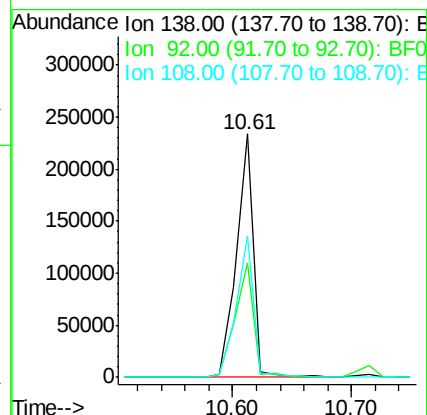
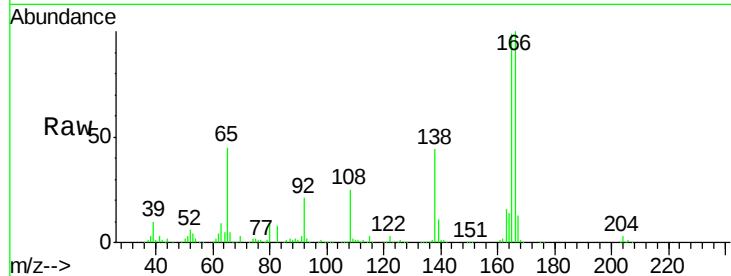
#61  
4-Nitroaniline  
Concen: 48.36 ng  
RT: 10.61 min Scan# 724  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 231001 |       |       |
| 92      | 46.9  | 33.2   | 73.2  |       |
| 108     | 58.1  | 48.5   | 88.5  |       |

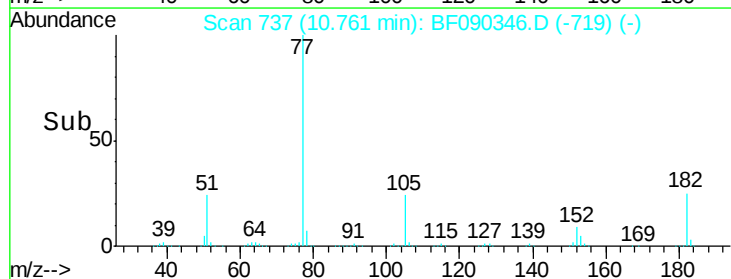
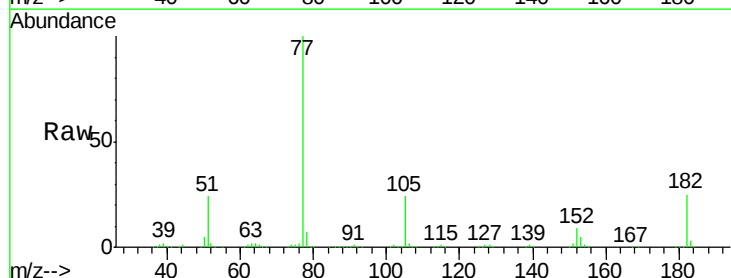
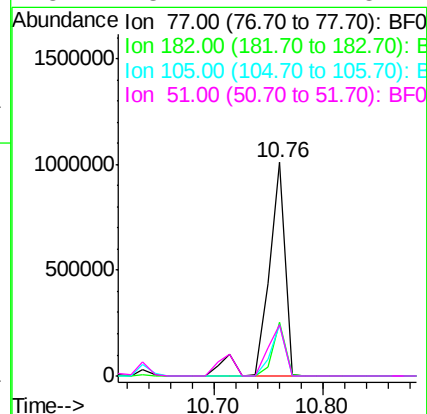
Manual Integrations  
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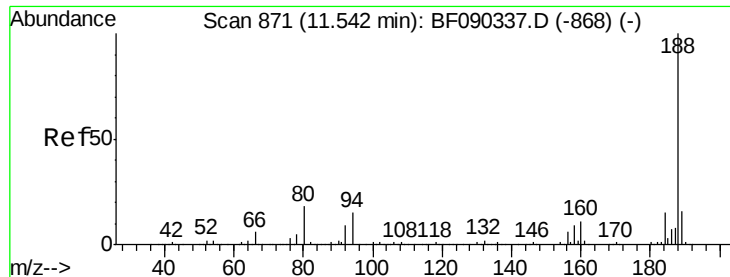
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#62  
Azobenzene  
Concen: 48.24 ng  
RT: 10.76 min Scan# 737  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 77      | 100   | 1101347 |       |       |
| 182     | 25.4  | 3.2     | 43.2  |       |
| 105     | 24.3  | 2.9     | 42.9  |       |
| 51      | 23.7  | 14.2    | 54.2  |       |





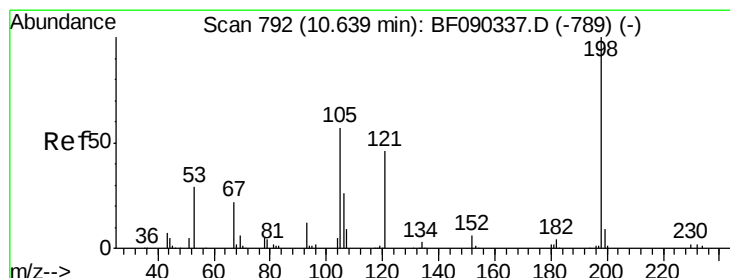
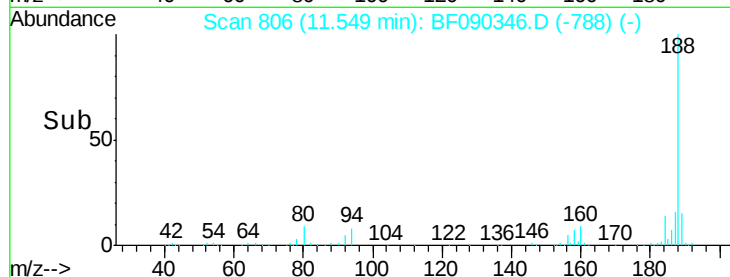
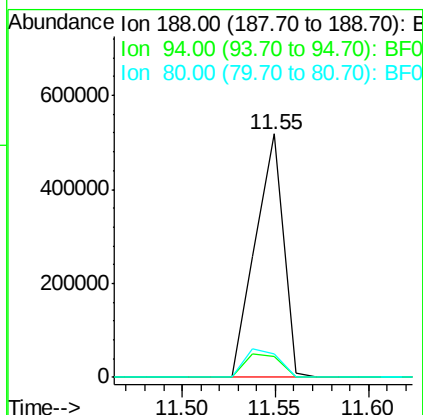
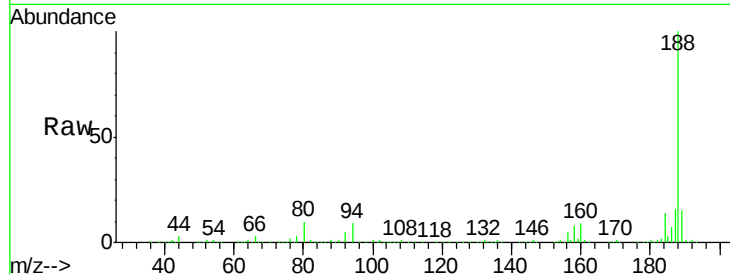
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.55 min Scan# 806  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.7   | 8.2        | 12.2       |
| 80      | 9.8   | 8.8        | 13.2       |

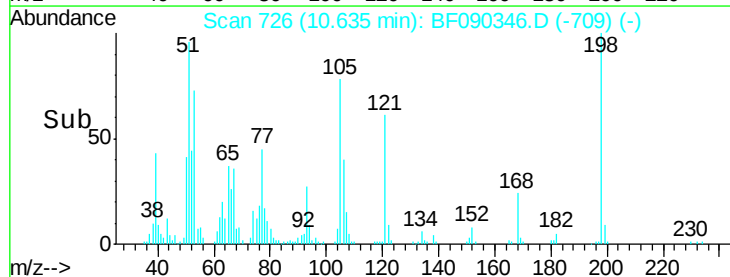
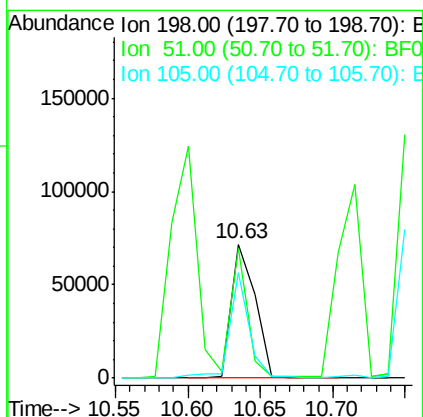
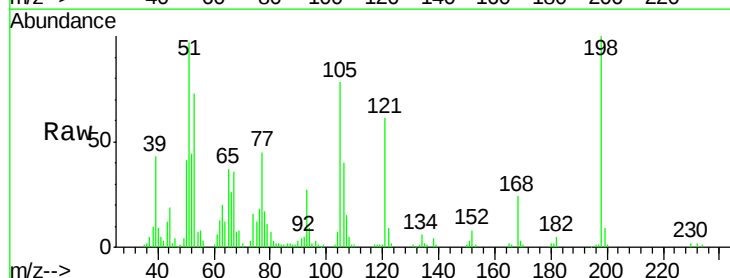
Manual Integrations  
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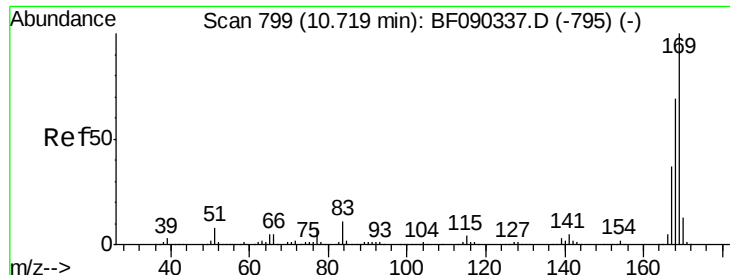
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 36.81 ng  
RT: 10.63 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 96.6  | 67.3       | 107.3      |
| 105     | 78.2  | 42.6       | 82.6       |





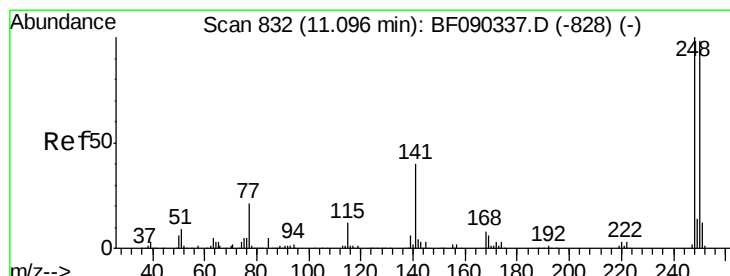
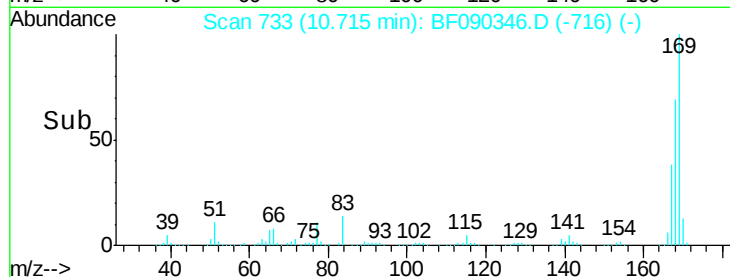
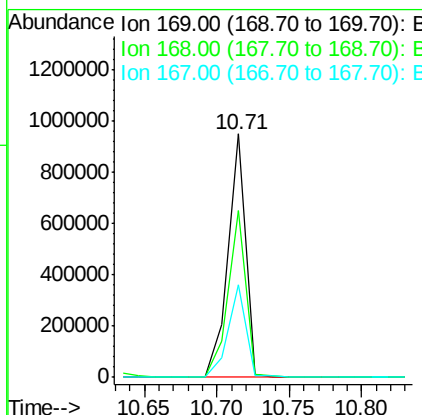
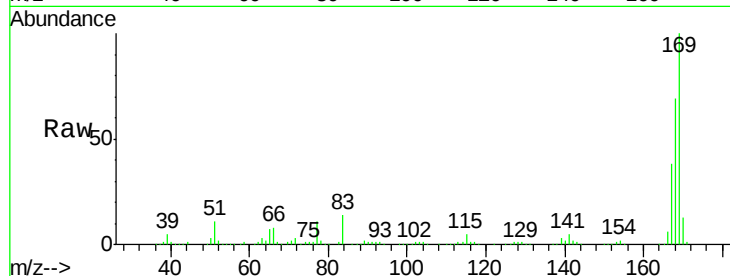
#65  
 n-Nitrosodiphenylamine  
 Concen: 43.71 ng  
 RT: 10.71 min Scan# 733  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 805373 |       |       |
| 168     | 68.7  | 53.8   | 80.6  |       |
| 167     | 37.9  | 29.8   | 44.8  |       |

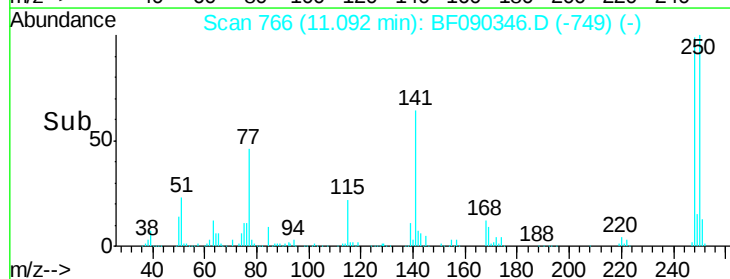
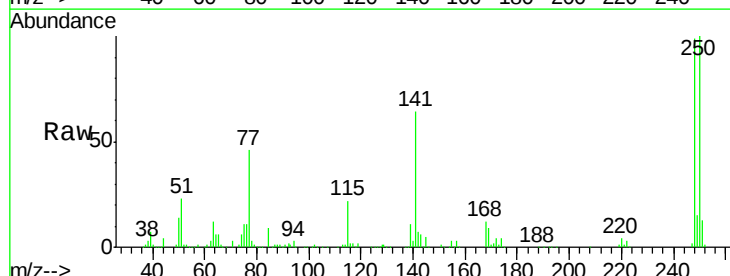
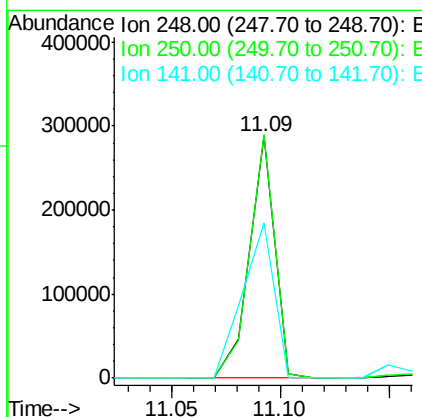
Manual Integrations  
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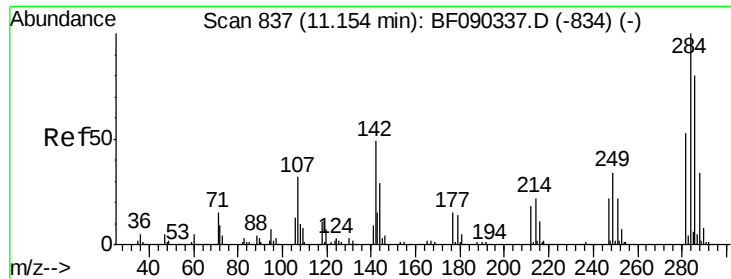
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#66  
 4-Bromophenyl-phenylether  
 Concen: 39.85 ng  
 RT: 11.09 min Scan# 766  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 232695 |       |       |
| 250     | 100.6 | 76.5   | 114.7 |       |
| 141     | 63.9  | 59.8   | 89.6  |       |





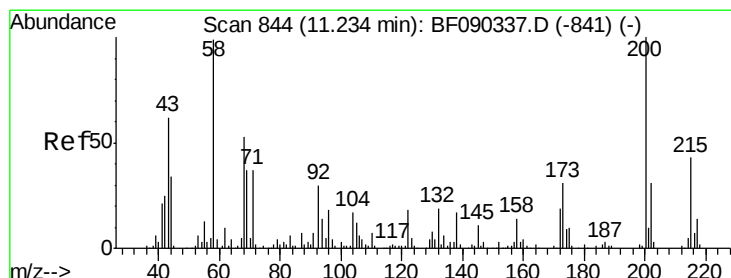
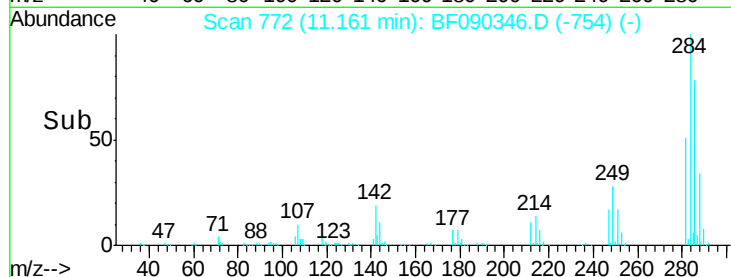
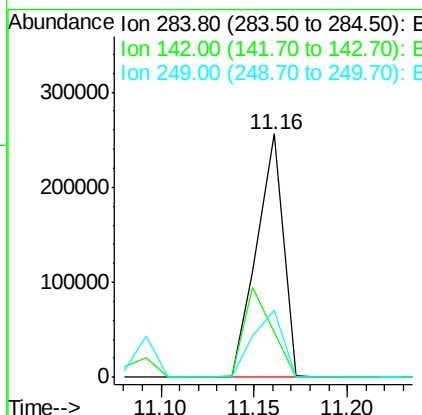
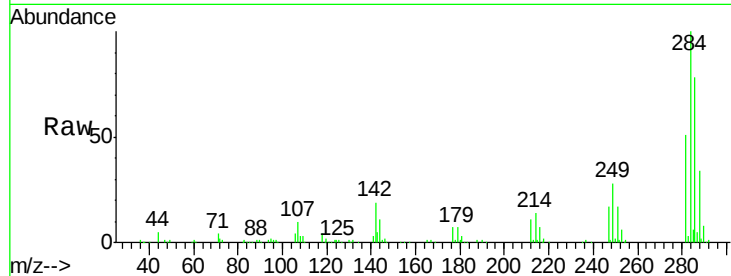
#67  
Hexachlorobenzene  
Concen: 36.85 ng  
RT: 11.16 min Scan# 772  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 252869 |       |       |
| 142     | 18.8  | 23.1   | 34.7# |       |
| 249     | 27.5  | 26.3   | 39.5  |       |

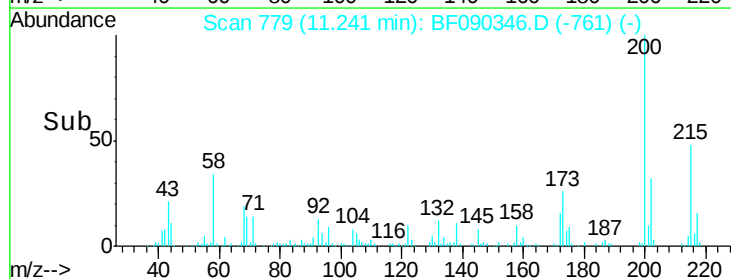
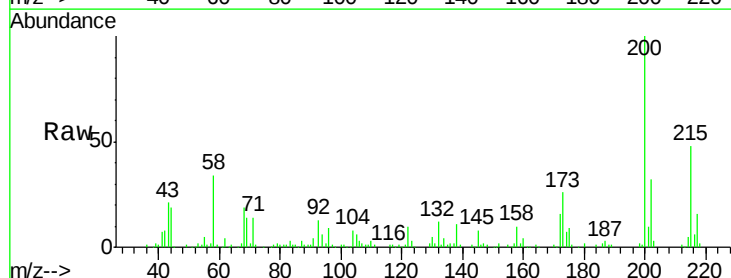
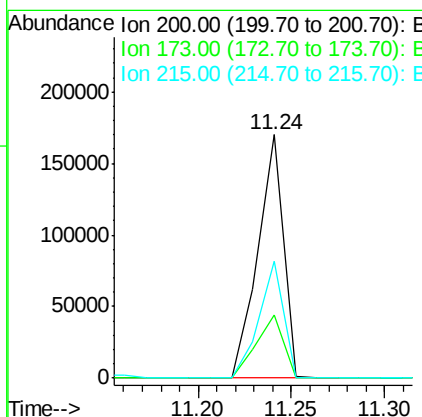
Manual Integrations  
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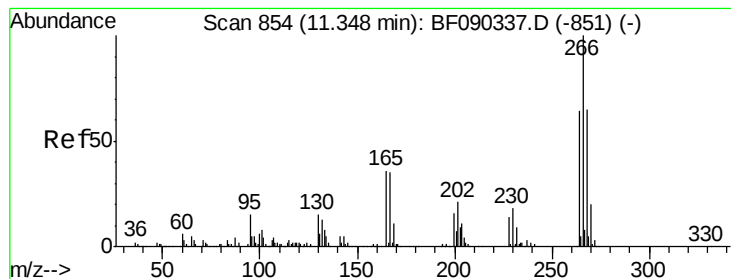
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10/5/2016 7:25:59 PM



#68  
Atrazine  
Concen: 36.30 ng  
RT: 11.24 min Scan# 779  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 160104 |       |       |
| 173     | 26.2  | 9.0    | 49.0  |       |
| 215     | 48.0  | 24.8   | 64.8  |       |





#69

Pentachlorophenol

Concen: 37.55 ng

RT: 11.34 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

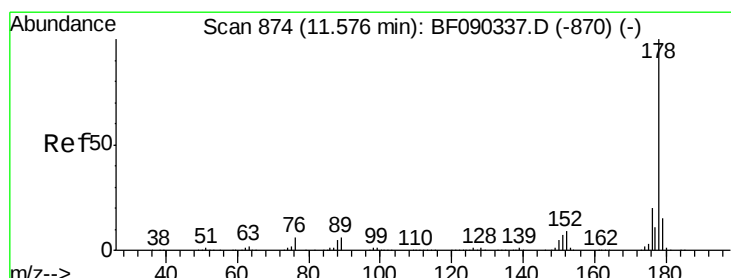
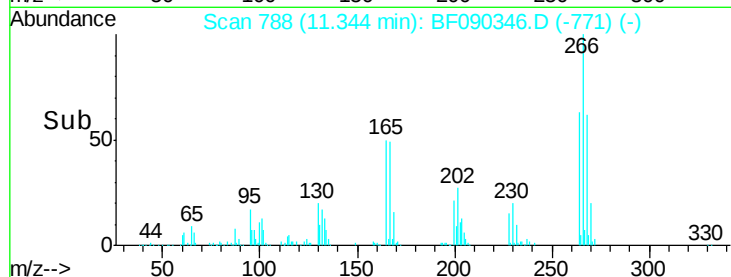
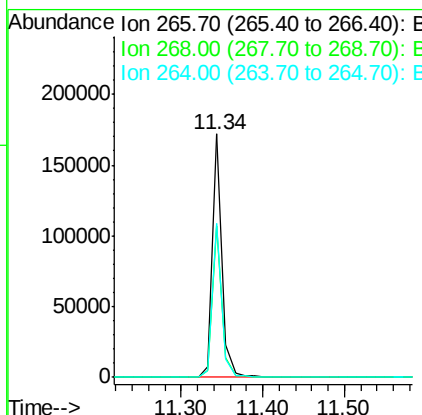
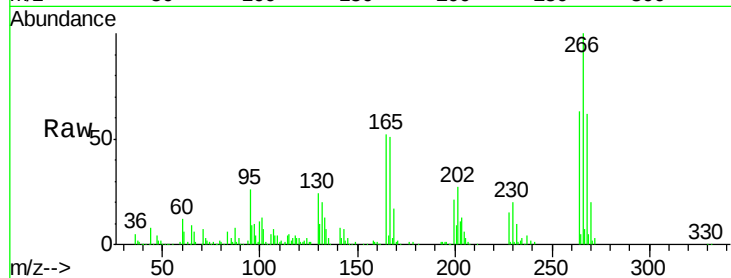
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 266  | Resp: | 144443 |
| Ion Ratio |      | Lower | Upper  |
| 266       | 100  |       |        |
| 268       | 62.4 | 50.9  | 76.3   |
| 264       | 63.4 | 51.5  | 77.3   |

Manual Integrations  
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#70

Phenanthrene

Concen: 41.48 ng

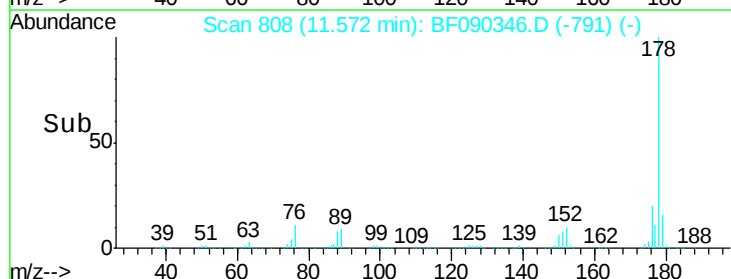
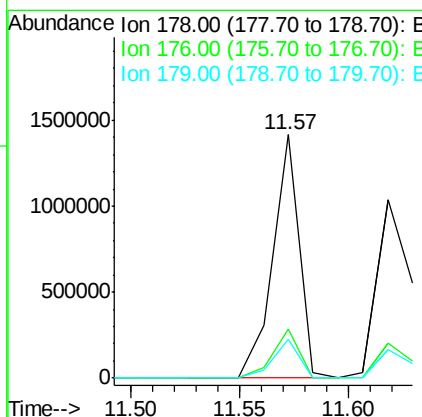
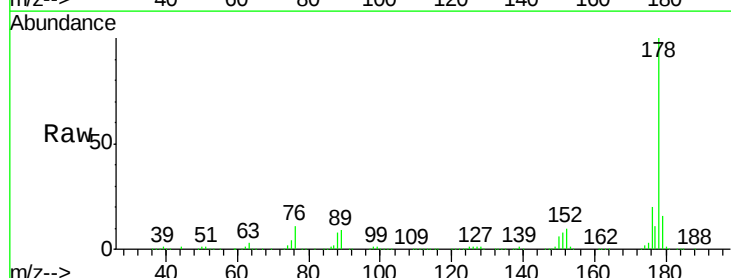
RT: 11.57 min Scan# 808

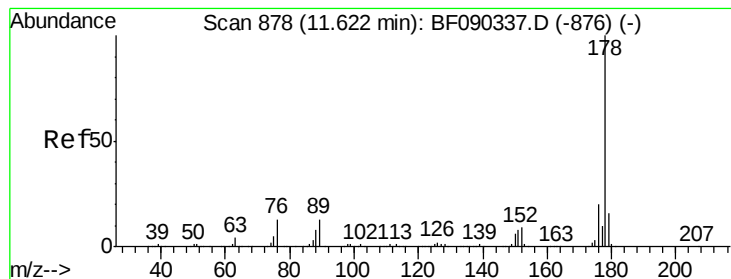
Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 178  | Resp: | 1202512 |
| Ion Ratio |      | Lower | Upper   |
| 178       | 100  |       |         |
| 176       | 20.2 | 17.3  | 25.9    |
| 179       | 15.9 | 13.8  | 20.6    |





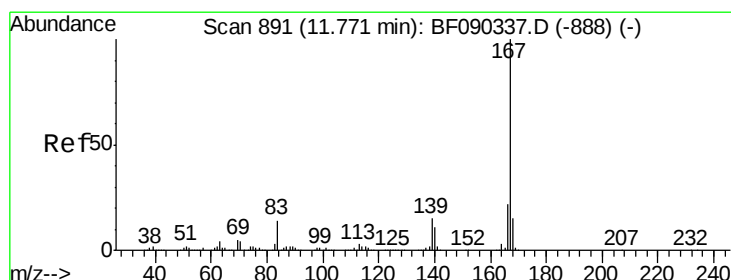
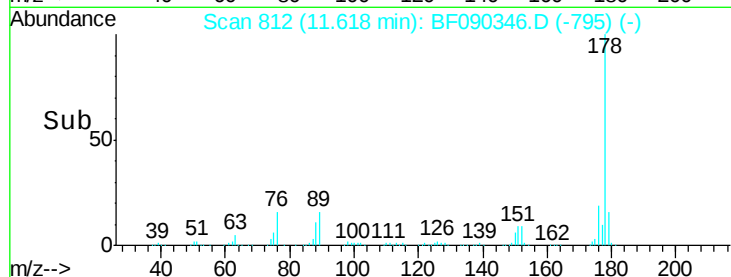
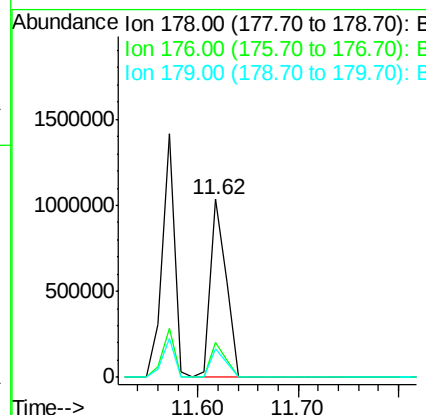
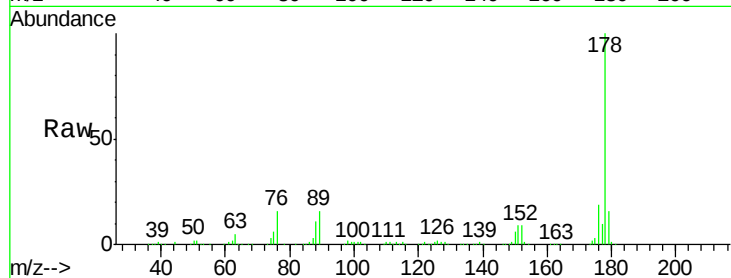
#71  
 Anthracene  
 Concen: 38.45 ng  
 RT: 11.62 min Scan# 812  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:178 Resp: 1112655  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 16.8 25.2  
 179 16.3 13.4 20.2

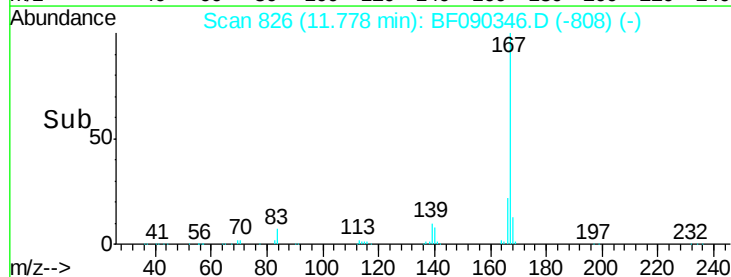
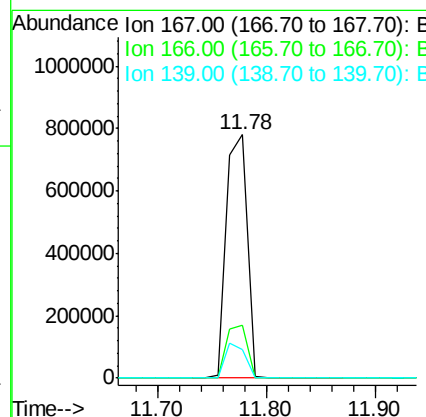
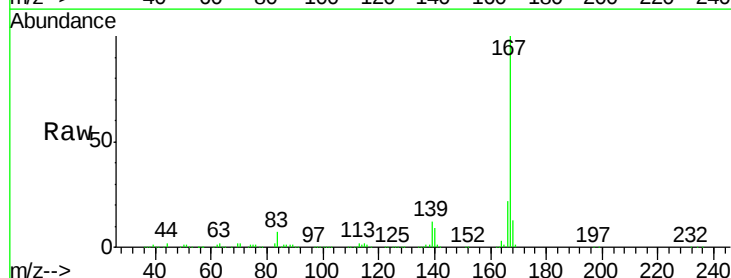
Manual Integrations  
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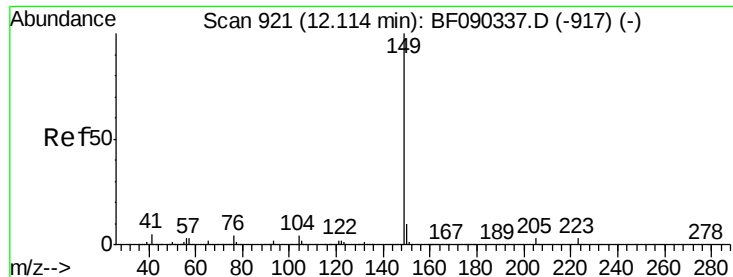
sohil  
 10/5/2016 7:25:59 PM



#72  
 Carbazole  
 Concen: 39.05 ng  
 RT: 11.78 min Scan# 826  
 Delta R.T. 0.01 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Tgt Ion:167 Resp: 1038651  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 19.1 28.7  
 139 11.6 12.1 18.1#





#73

Di-n-butylphthalate

Concen: 41.16 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1308546

Ion Ratio Lower Upper

149 100

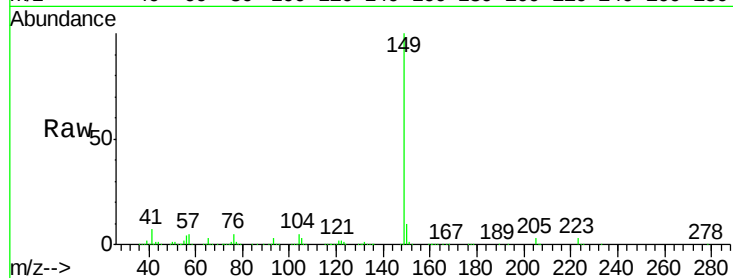
150 9.8 8.6 12.8

104 5.0 4.7 7.1

Manual Integrations  
APPROVED

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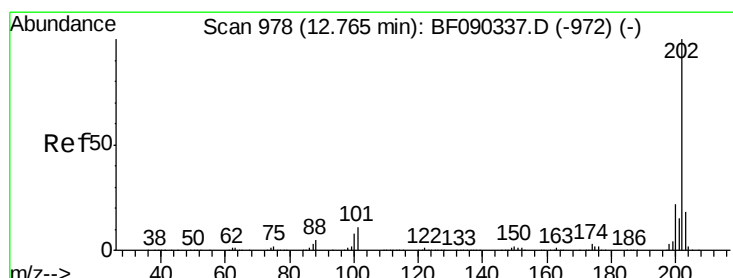
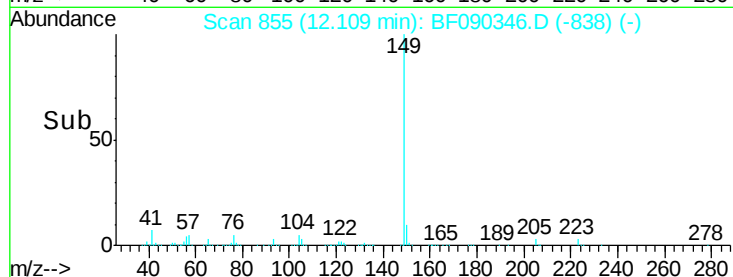
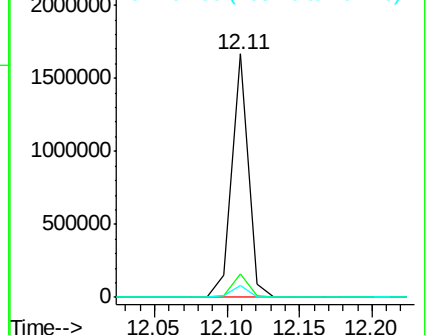
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.42 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

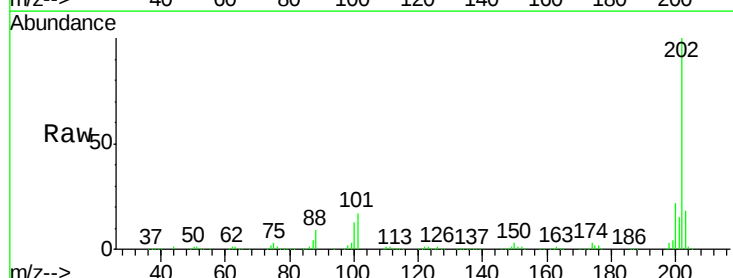
Tgt Ion:202 Resp: 1083729

Ion Ratio Lower Upper

202 100

101 16.8 0.0 37.2

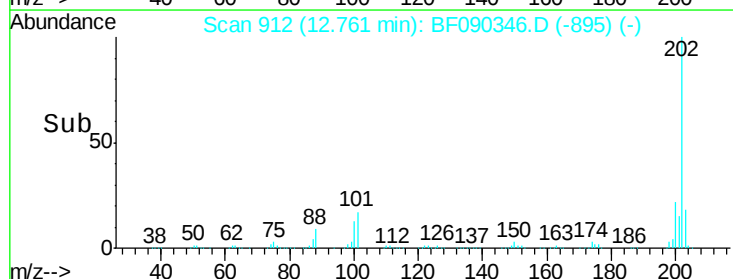
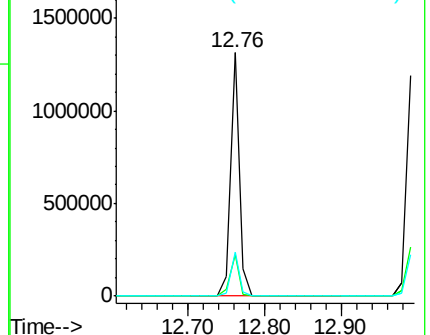
203 18.2 0.0 39.3

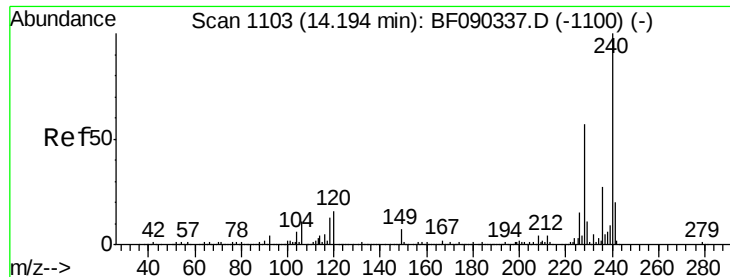


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

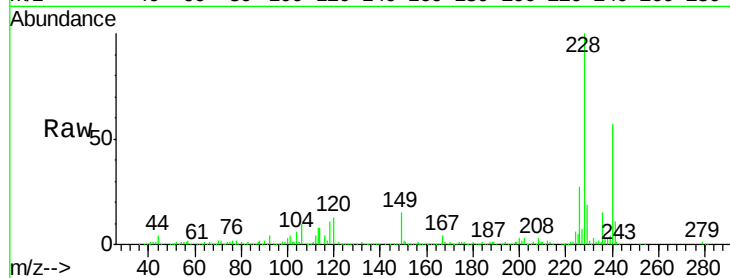
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 22.8  | 8.6   | 13.0# |
| 236     | 26.4  | 21.6  | 32.4  |

Manual Integrations  
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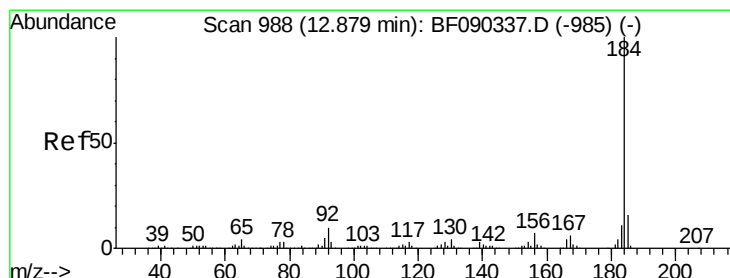
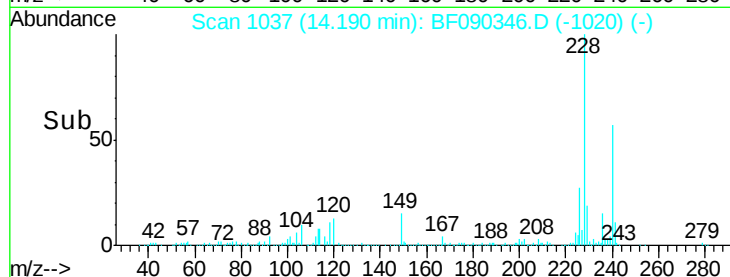
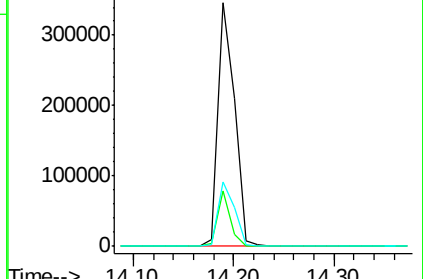
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.88 ng

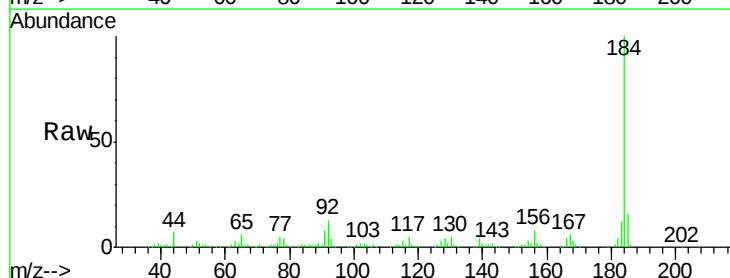
RT: 12.88 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

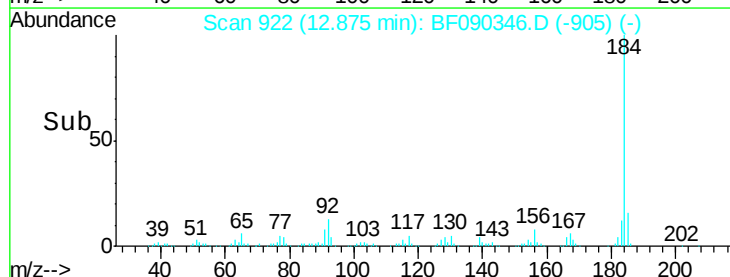
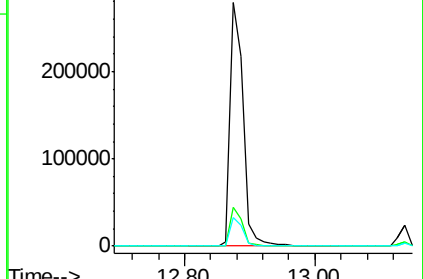
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.1  | 11.8  | 17.8  |
| 183     | 11.6  | 9.6   | 14.4  |

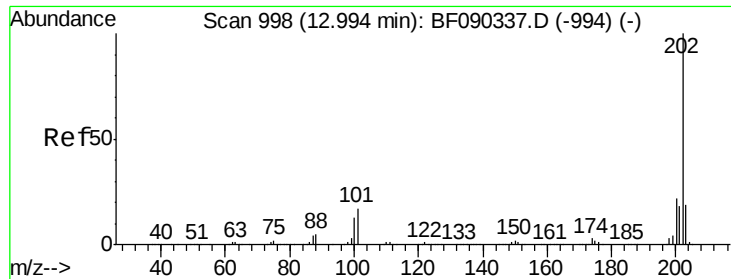


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





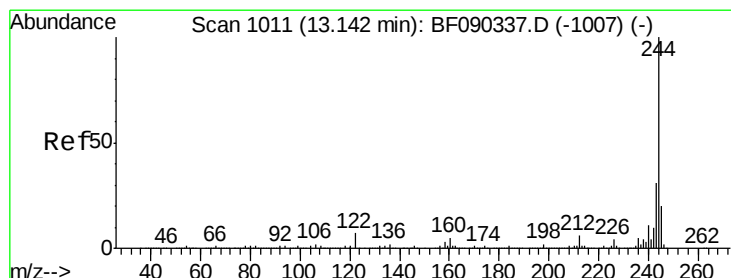
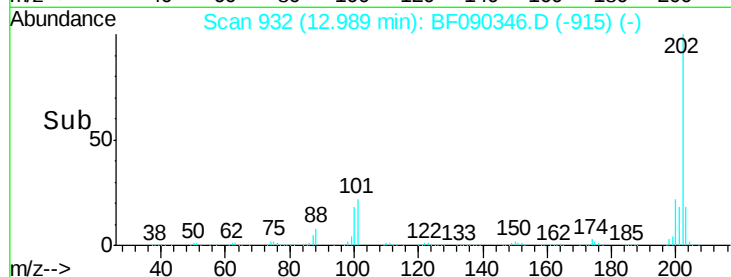
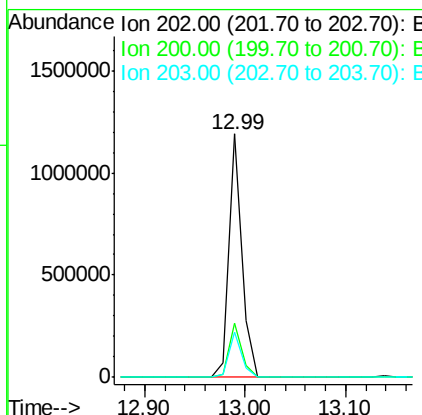
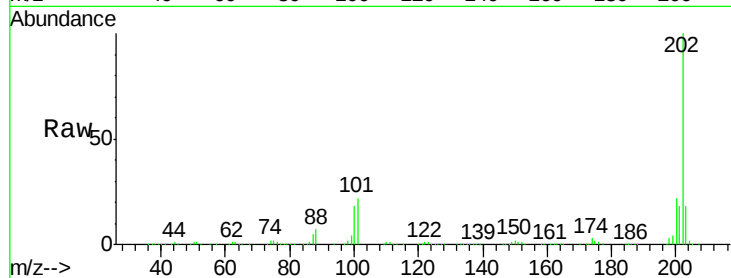
#77  
**Pyrene**  
 Concen: 41.90 ng  
 RT: 12.99 min Scan# 932  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.2  | 18.5  | 27.7  |
| 203     | 18.5  | 15.0  | 22.6  |

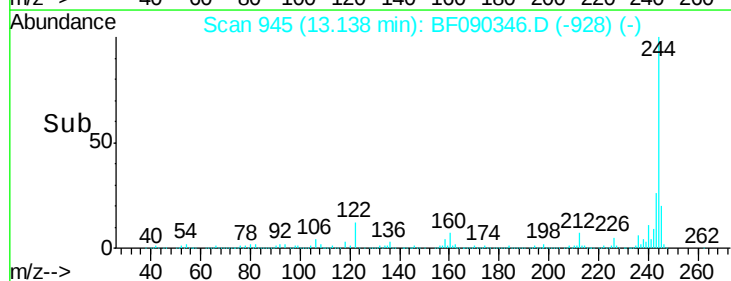
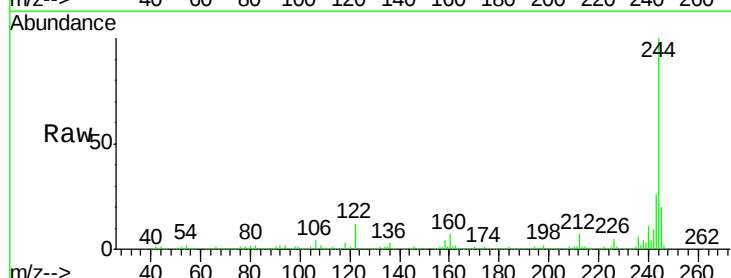
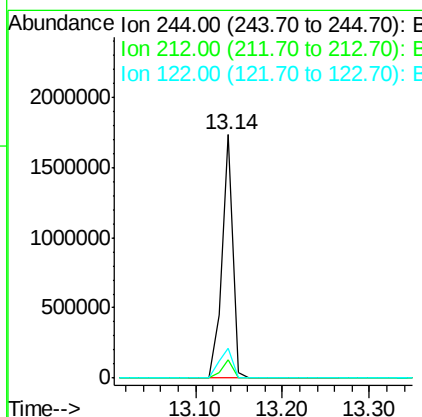
Manual Integrations  
 APPROVED

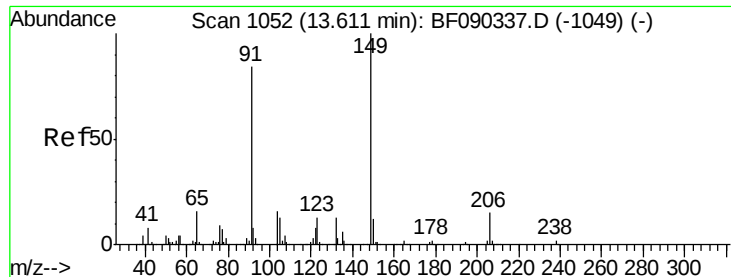
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#78  
**Terphenyl-d14**  
 Concen: 89.84 ng  
 RT: 13.14 min Scan# 945  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.5   | 6.8   | 10.2  |
| 122     | 12.1  | 13.3  | 19.9# |





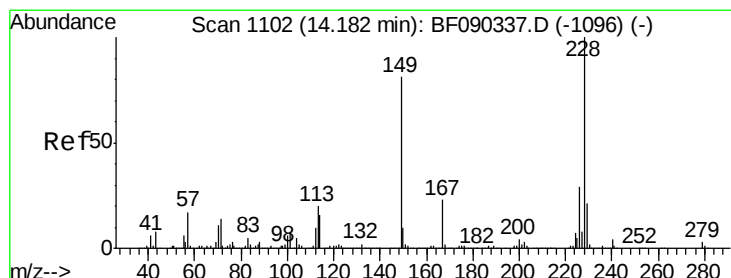
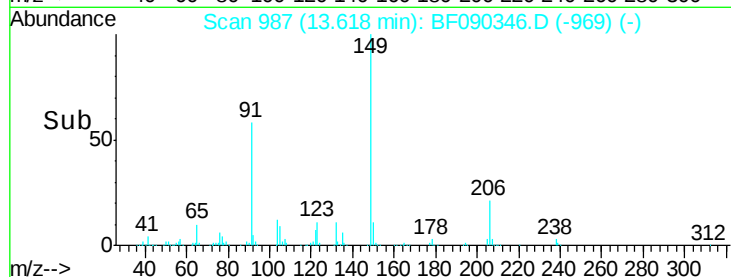
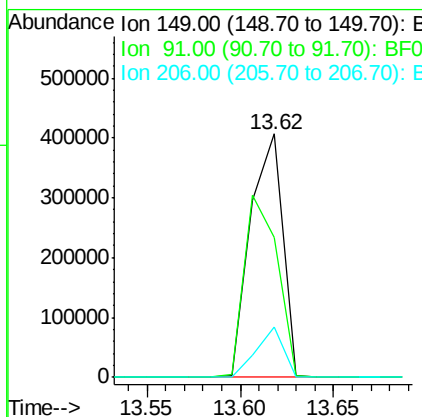
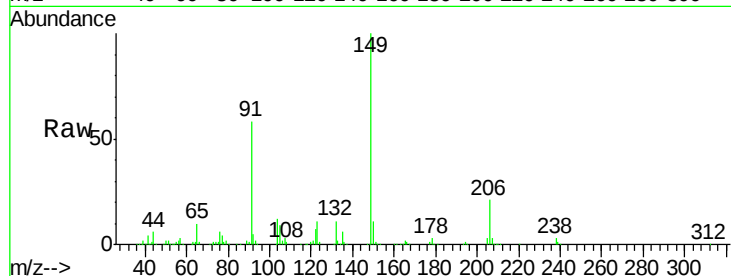
#79  
Butylbenzylphthalate  
Concen: 48.58 ng  
RT: 13.62 min Scan# 987  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 486858 |       |       |
| 91      | 57.7  | 51.8   | 77.8  |       |
| 206     | 20.8  | 18.0   | 27.0  |       |

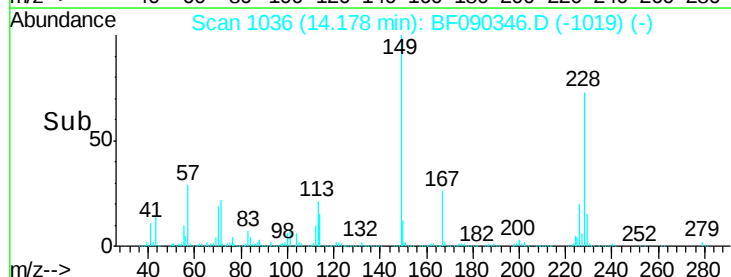
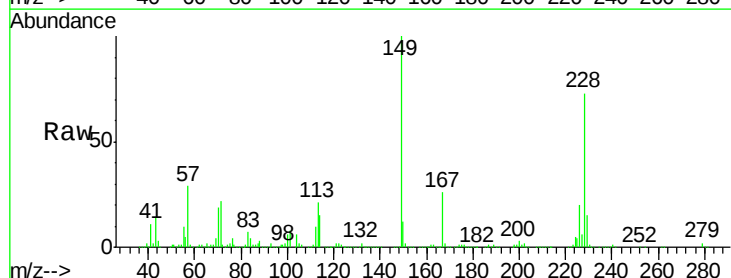
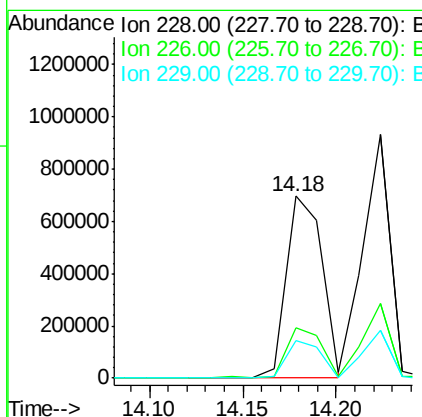
Manual Integrations  
APPROVED

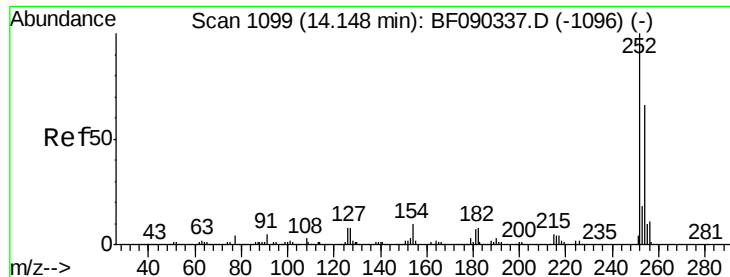
sohil  
10/5/2016 7:25:59 PM



#80  
Benzo(a)anthracene  
Concen: 41.72 ng  
RT: 14.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 929142 |       |       |
| 226     | 27.7  | 23.6   | 35.4  |       |
| 229     | 20.5  | 16.6   | 25.0  |       |





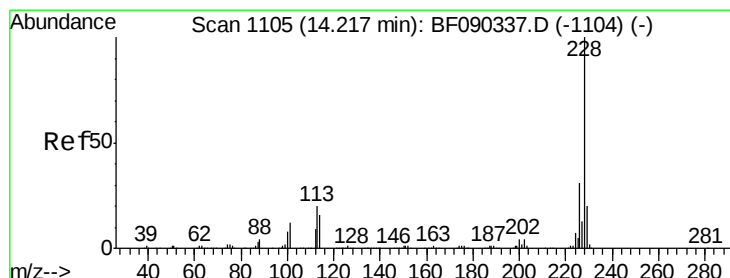
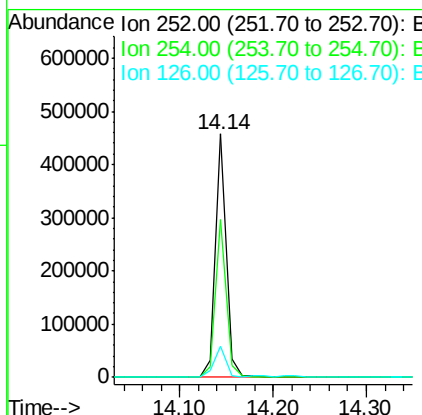
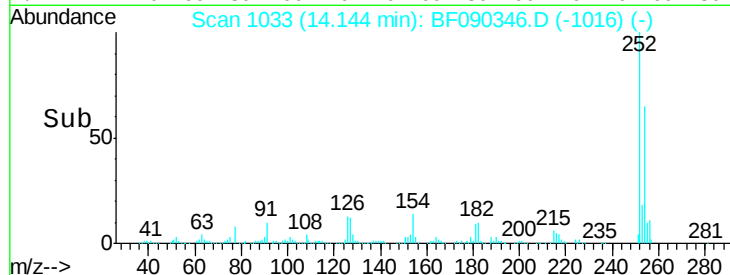
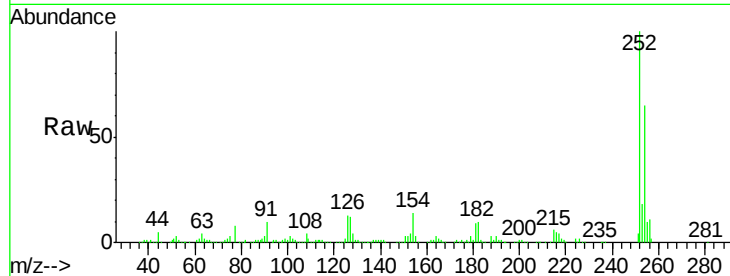
#81  
 3,3'-Dichlorobenzidine  
 Concen: 47.66 ng  
 RT: 14.14 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.8  | 52.1  | 78.1  |
| 126     | 13.0  | 4.2   | 6.4   |

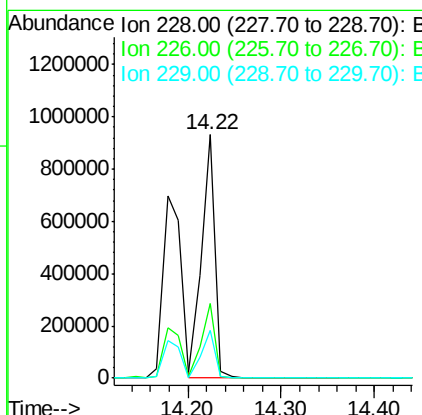
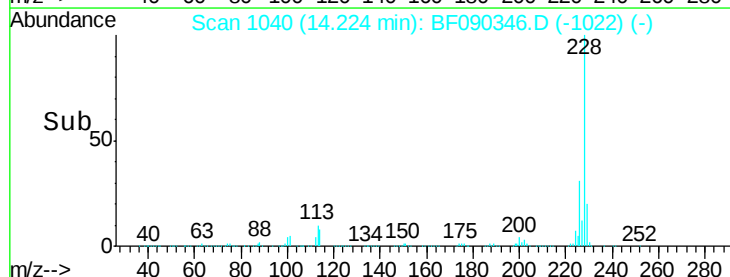
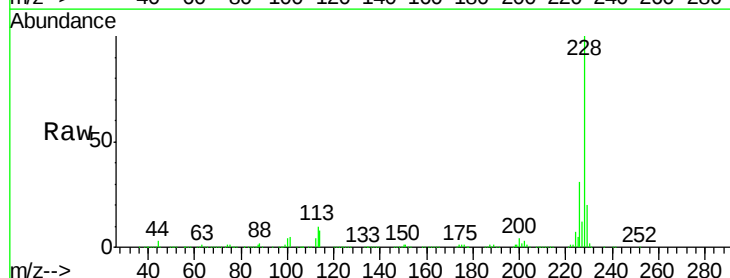
Manual Integrations  
 APPROVED

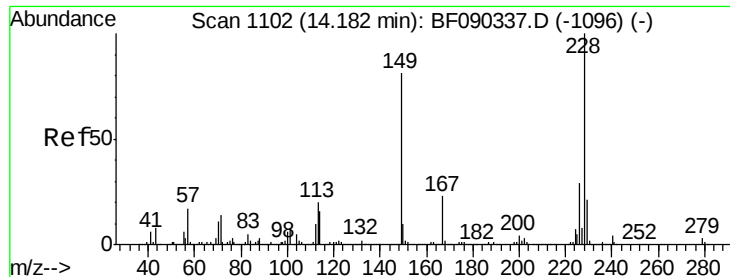
sohil  
 10/5/2016 7:25:59 PM



#82  
 Chrysene  
 Concen: 44.95 ng  
 RT: 14.22 min Scan# 1040  
 Delta R.T. 0.01 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 25.8  | 38.6  |
| 229     | 19.7  | 16.9  | 25.3  |





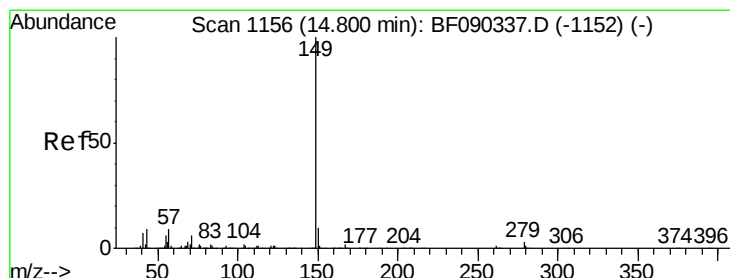
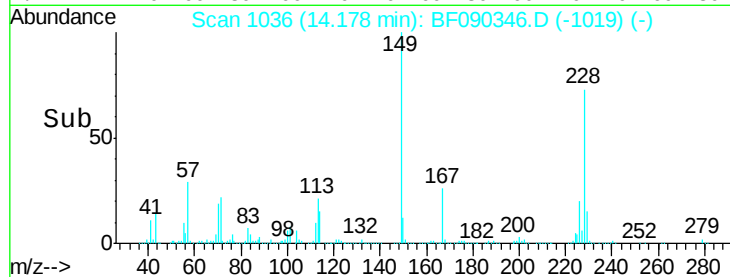
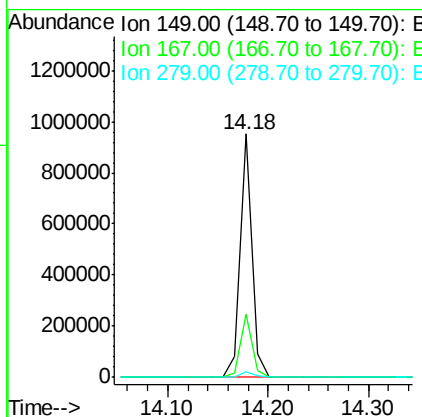
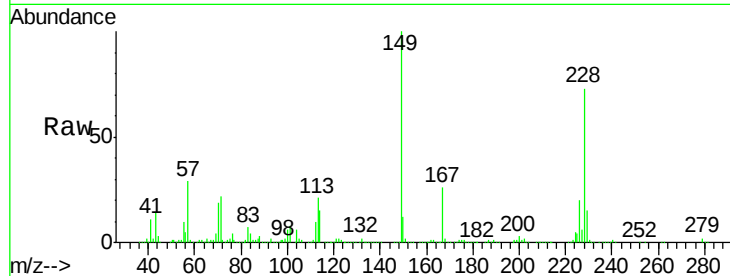
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.68 ng  
 RT: 14.18 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 780444 |       |       |
| 167     | 25.9  | 21.5   | 32.3  |       |
| 279     | 2.3   | 2.6    | 3.8#  |       |

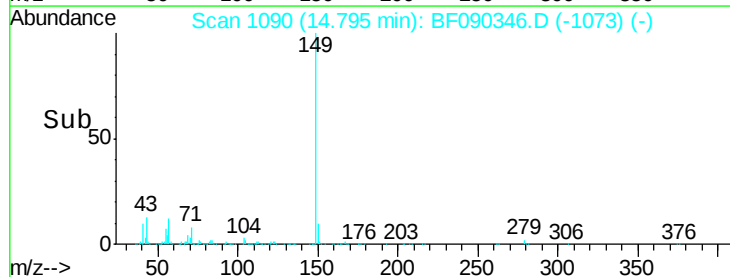
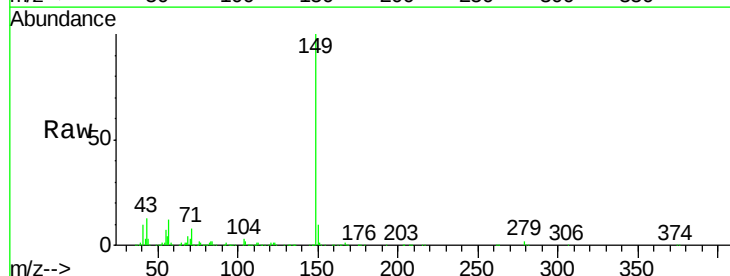
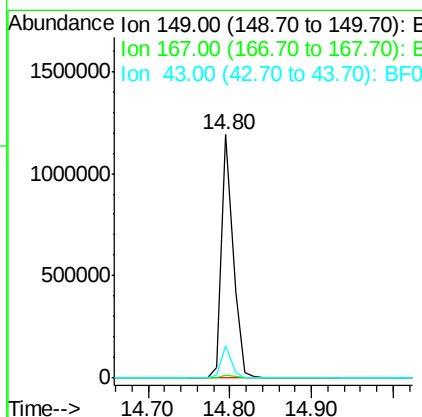
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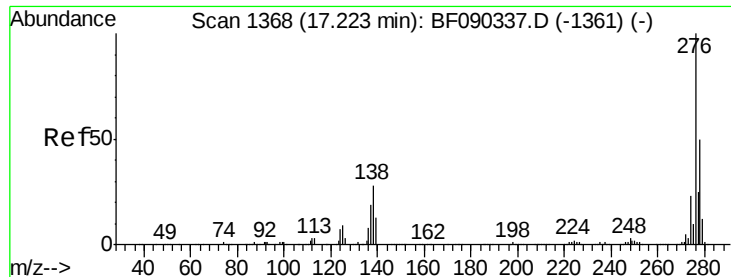
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#84  
 Di-n-octyl phthalate  
 Concen: 50.38 ng  
 RT: 14.80 min Scan# 1090  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.4   | 1.3   | 1.9   |
| 43      | 12.5  | 11.8  | 17.8  |





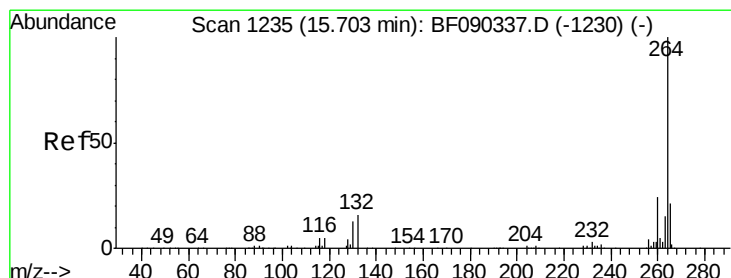
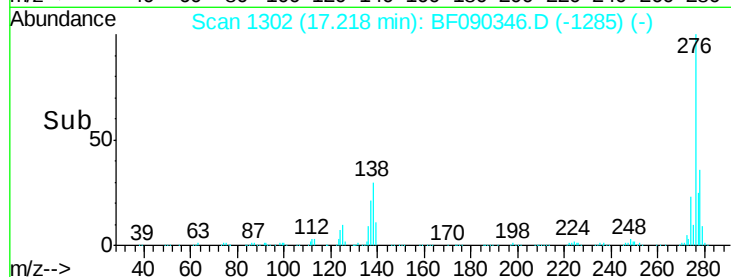
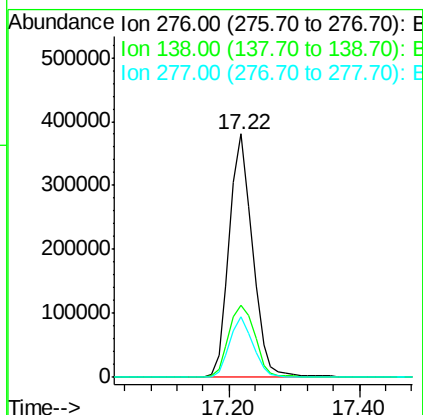
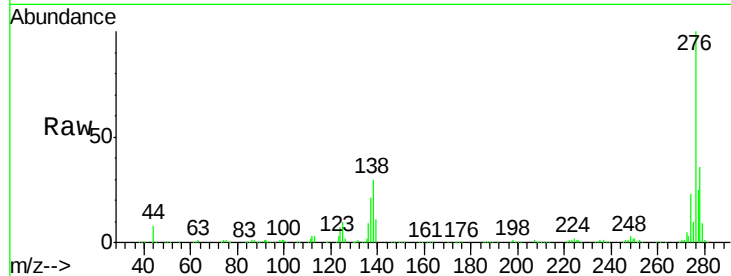
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.16 ng  
 RT: 17.22 min Scan# 1302  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 33.8  | 23.8  | 35.8  |
| 277     | 25.1  | 20.4  | 30.6  |

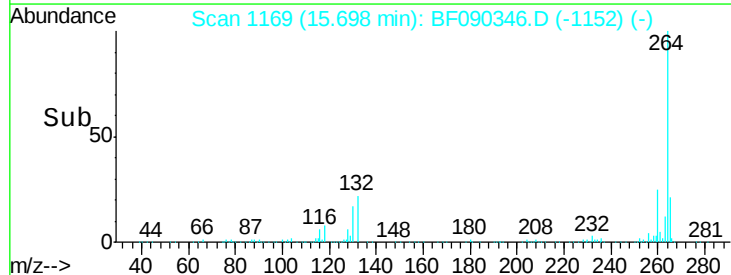
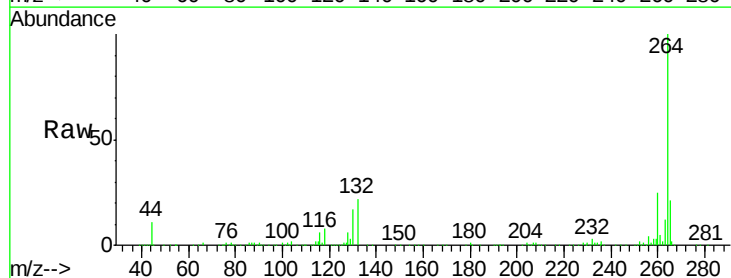
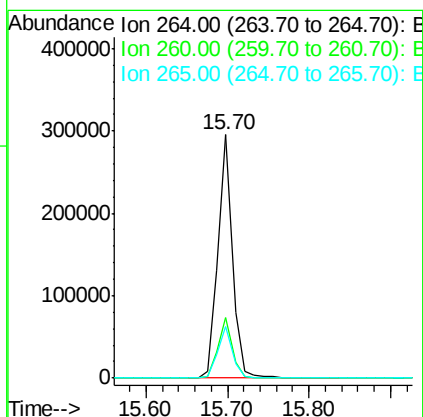
Manual Integrations  
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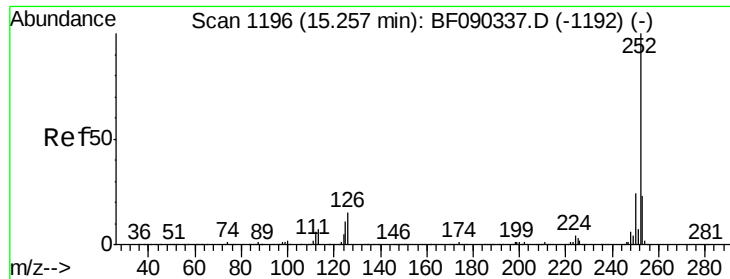
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.70 min Scan# 1169  
 Delta R.T. -0.00 min  
 Lab File: BF090346.D  
 Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.8  | 19.3  | 28.9  |
| 265     | 21.4  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 47.78 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

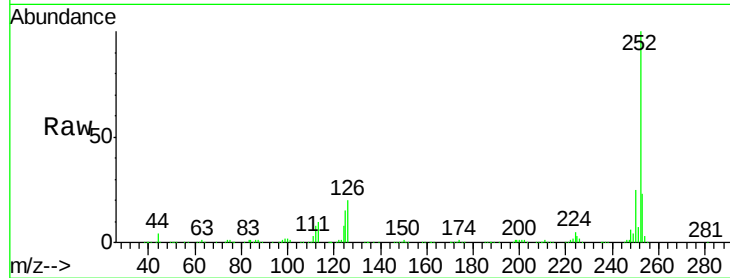
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.2  | 27.2  |
| 125     | 15.4  | 7.0   | 10.4  |

Manual Integrations  
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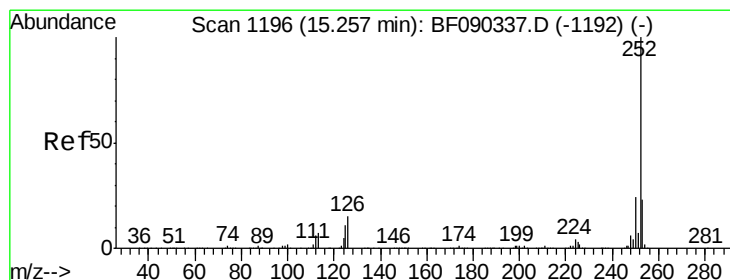
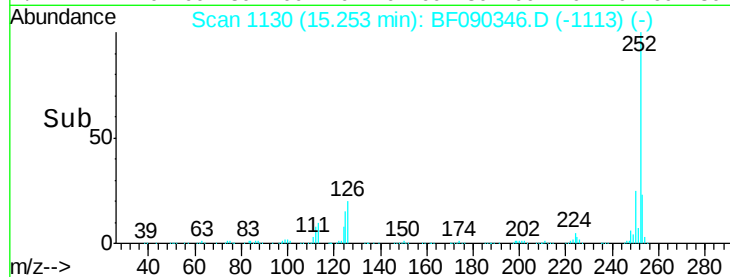
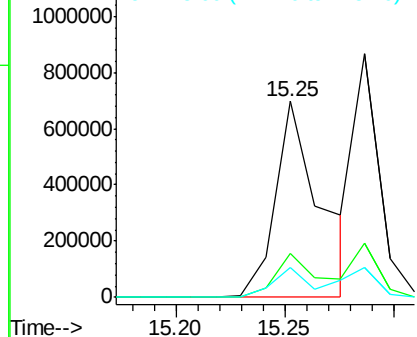


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.38 ng m

RT: 15.29 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF090346.D

Acq: 4 Oct 2016 17:18

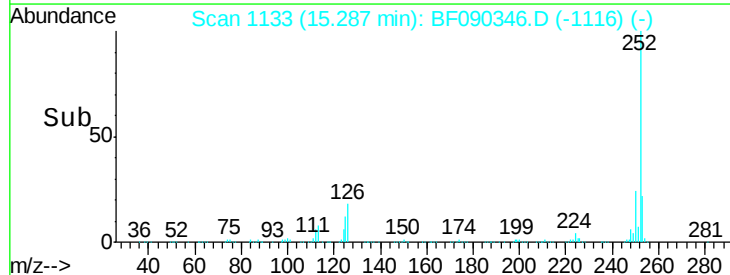
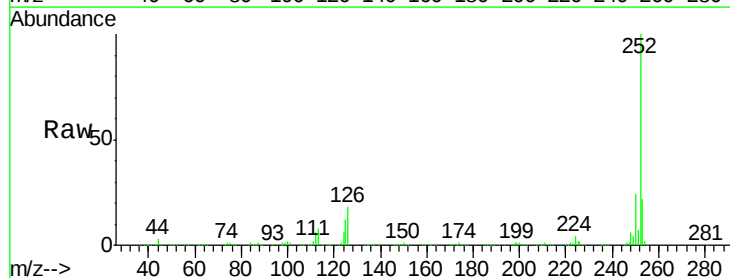
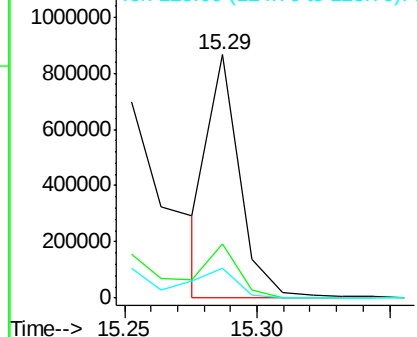
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.6  | 27.8  |
| 125     | 12.5  | 11.7  | 17.5  |

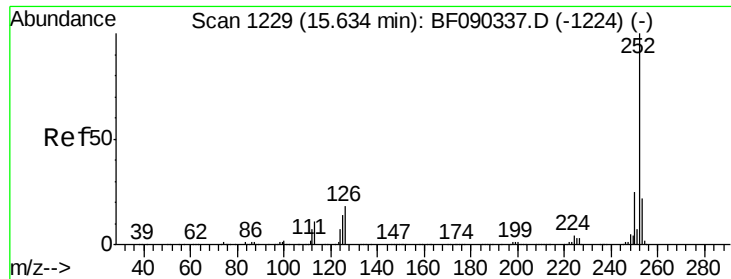
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





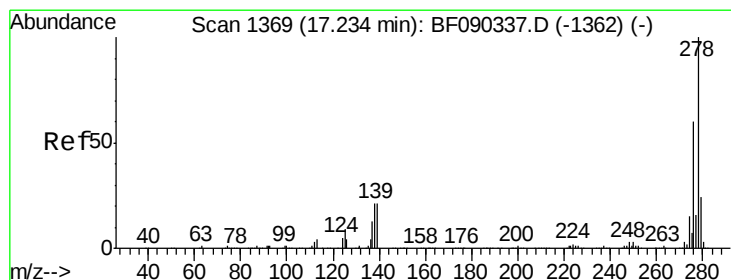
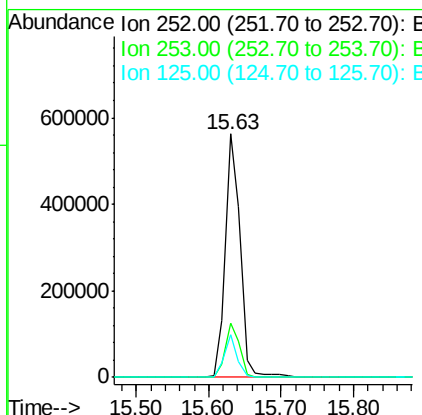
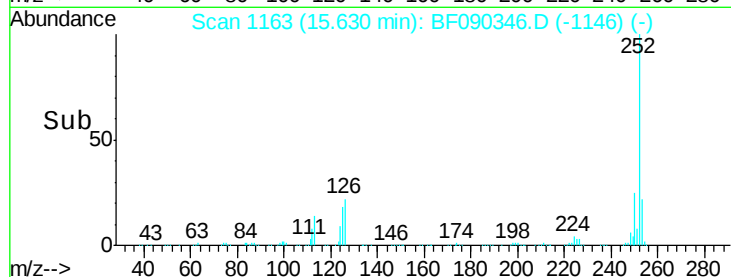
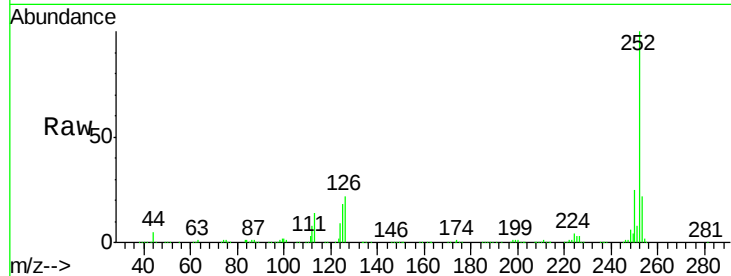
#89  
Benzo(a)pyrene  
Concen: 41.73 ng  
RT: 15.63 min Scan# 1163  
Delta R.T. -0.00 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.2  | 27.4  |
| 125     | 17.5  | 9.8   | 14.8  |

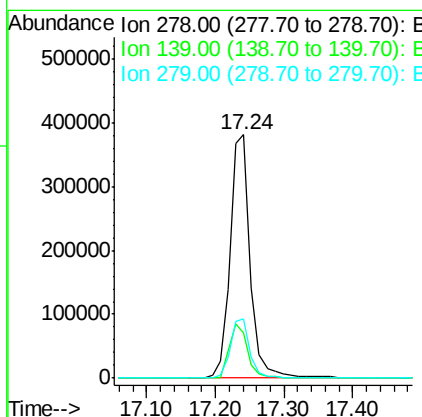
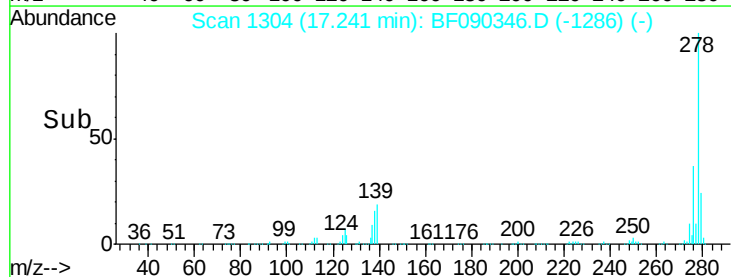
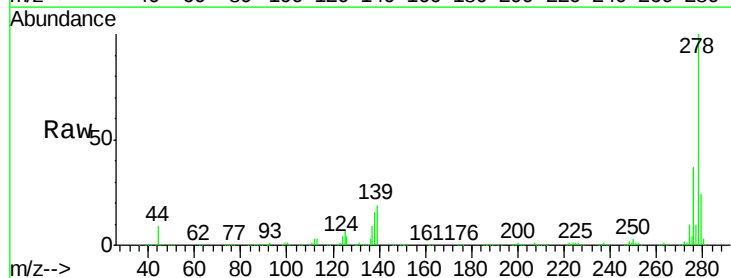
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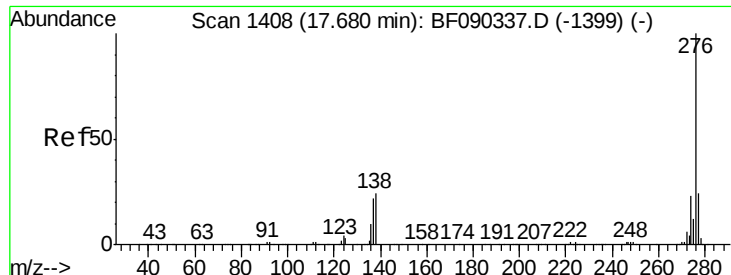
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.87 ng  
RT: 17.24 min Scan# 1304  
Delta R.T. 0.01 min  
Lab File: BF090346.D  
Acq: 4 Oct 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.6  | 12.8  | 19.2  |
| 279     | 24.2  | 19.6  | 29.4  |





#91

Benzo(g,h,i)perylene

Concen: 42.47 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF090346.D

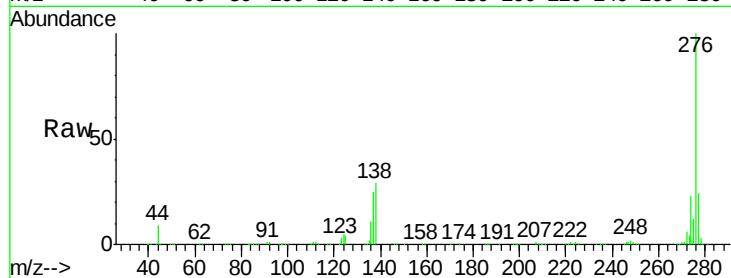
Acq: 4 Oct 2016 17:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 19.4  | 29.0  |
| 138     | 28.8  | 20.8  | 31.2  |

Manual Integrations  
APPROVED

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