

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\  
 Data File : BF090844.D  
 Acq On : 26 Oct 2016 16:13  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

sohil  
 10/27/2016 3:46:02 PM

Quant Time: Oct 26 16:56:41 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 16:35:31 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.78  | 152  | 192495   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.08  | 136  | 789647   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.84  | 164  | 450933   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.32 | 188  | 755452   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.96 | 240  | 657823   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.37 | 264  | 542006   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.38  | 112  | 930593   | 84.52 | ng    | -0.01    |
| 7) Phenol-d6                | 6.43  | 99   | 1146267  | 77.17 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 988797   | 81.97 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.62 | 330  | 386352   | 83.37 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.16  | 172  | 2103446  | 81.91 | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.91 | 244  | 2365559  | 90.60 | ng    | -0.01    |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.33 | 88   | 225090   | 39.99 | ng    | # 74   |
| 3) Pyridine                    | 3.02 | 79   | 627958   | 41.13 | ng    | # 69   |
| 4) n-Nitrosodimethylamine      | 2.99 | 42   | 177848   | 41.37 | ng    | # 56   |
| 6) Aniline                     | 6.45 | 93   | 694133   | 40.91 | ng    | # 69   |
| 8) 2-Chlorophenol              | 6.58 | 128  | 552648   | 40.69 | ng    | 94     |
| 9) Benzaldehyde                | 6.33 | 77   | 296685   | 38.67 | ng    | # 72   |
| 10) Phenol                     | 6.44 | 94   | 587480   | 35.89 | ng    | # 40   |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93   | 562903   | 41.56 | ng    | 85     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146  | 571045m  | 41.11 | ng    |        |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146  | 592960m  | 40.59 | ng    |        |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146  | 510455   | 36.45 | ng    | 99     |
| 15) Benzyl Alcohol             | 6.94 | 79   | 389021   | 39.88 | ng    | 85     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45   | 549768   | 40.79 | ng    | 58     |
| 17) 2-Methylphenol             | 7.06 | 107  | 428590   | 41.48 | ng    | # 85   |
| 18) Hexachloroethane           | 7.30 | 117  | 194150   | 36.51 | ng    | 90     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70   | 362716   | 42.24 | ng    | # 66   |
| 20) 3+4-Methylphenols          | 7.21 | 107  | 477307   | 39.90 | ng    | # 43   |
| 22) Acetophenone               | 7.21 | 105  | 653235   | 40.21 | ng    | # 85   |
| 24) Nitrobenzene               | 7.38 | 77   | 526378   | 41.26 | ng    | # 73   |
| 25) Isophorone                 | 7.62 | 82   | 969851   | 39.62 | ng    | # 90   |
| 26) 2-Nitrophenol              | 7.70 | 139  | 306105   | 44.79 | ng    | # 90   |
| 27) 2,4-Dimethylphenol         | 7.74 | 122  | 480600   | 43.43 | ng    | 86     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93   | 593475   | 42.63 | ng    | # 94   |
| 29) 2,4-Dichlorophenol         | 7.94 | 162  | 422266   | 41.21 | ng    | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180  | 471413   | 39.81 | ng    | 96     |
| 31) Naphthalene                | 8.10 | 128  | 1447790  | 39.22 | ng    | 97     |
| 32) Benzoic acid               | 7.89 | 122  | 334930   | 41.69 | ng    | # 71   |
| 33) 4-Chloroaniline            | 8.16 | 127  | 662488   | 44.42 | ng    | # 95   |
| 34) Hexachlorobutadiene        | 8.22 | 225  | 302540   | 43.45 | ng    | 99     |
| 35) Caprolactam                | 8.53 | 113  | 150638   | 47.36 | ng    | 91     |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107  | 535016   | 48.01 | ng    | 92     |
| 37) 2-Methylnaphthalene        | 8.80 | 142  | 1156494  | 48.51 | ng    | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216  | 491286   | 39.71 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 8.94 | 237  | 221913   | 38.99 | ng    | 95     |

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 Sample : SSTDCCC040  
 Misc :  
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Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
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Quant Time: Oct 26 16:56:41 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 16:35:31 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.07  | 196  | 321718   | 40.28 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.12  | 196  | 356821   | 43.38 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 9.26  | 154  | 1282568  | 39.49 | nq    | 93       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 1003581  | 40.62 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.38  | 65   | 261520   | 37.51 | nq    | # 81     |
| 48) Acenaphthylene             | 9.70  | 152  | 1582791  | 42.31 | nq    | 95       |
| 49) Dimethylphthalate          | 9.56  | 163  | 1162619  | 38.59 | nq    | # 97     |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 281537   | 42.31 | nq    | # 90     |
| 51) Acenaphthene               | 9.87  | 154  | 1041389  | 40.42 | nq    | 89       |
| 52) 3-Nitroaniline             | 9.80  | 138  | 275079   | 38.83 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 9.90  | 184  | 137380   | 39.22 | nq    | # 83     |
| 54) Dibenzofuran               | 10.04 | 168  | 1419180  | 42.68 | nq    | # 87     |
| 55) 4-Nitrophenol              | 9.96  | 139  | 184282   | 42.66 | nq    | # 76     |
| 56) 2,4-Dinitrotoluene         | 10.03 | 165  | 368157   | 44.54 | nq    | # 95     |
| 57) Fluorene                   | 10.38 | 166  | 1125622  | 41.33 | nq    | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 287868   | 39.19 | nq    | 94       |
| 59) Diethylphthalate           | 10.26 | 149  | 1127658  | 37.68 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204  | 505495   | 38.02 | nq    | # 88     |
| 61) 4-Nitroaniline             | 10.41 | 138  | 323568   | 46.12 | nq    | # 52     |
| 62) Azobenzene                 | 10.53 | 77   | 1078370  | 36.65 | nq    | 85       |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 231039   | 46.13 | nq    | # 66     |
| 65) n-Nitrosodiphenylamine     | 10.50 | 169  | 950214   | 41.06 | nq    | 90       |
| 66) 4-Bromophenyl-phenylether  | 10.86 | 248  | 341889   | 41.33 | nq    | 99       |
| 67) Hexachlorobenzene          | 10.93 | 284  | 434243   | 44.35 | nq    | # 81     |
| 68) Atrazine                   | 11.02 | 200  | 247086   | 34.52 | nq    | 86       |
| 69) Pentachlorophenol          | 11.13 | 266  | 223288   | 42.51 | nq    | 99       |
| 70) Phenanthrene               | 11.34 | 178  | 1626147m | 42.27 | nq    |          |
| 71) Anthracene                 | 11.39 | 178  | 1527819  | 37.71 | nq    | 97       |
| 72) Carbazole                  | 11.55 | 167  | 1477508  | 41.30 | nq    | # 93     |
| 73) Di-n-butylphthalate        | 11.88 | 149  | 1856170  | 40.25 | nq    | # 97     |
| 74) Fluoranthene               | 12.53 | 202  | 1736285  | 41.21 | nq    | 86       |
| 76) Benzidine                  | 12.66 | 184  | 607281   | 42.28 | nq    | 95       |
| 77) Pyrene                     | 12.76 | 202  | 1830391  | 43.97 | nq    | 96       |
| 79) Butylbenzylphthalate       | 13.38 | 149  | 722927   | 38.27 | nq    | 89       |
| 80) Benzo(a)anthracene         | 13.95 | 228  | 1481987  | 42.45 | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 628992   | 46.41 | nq    | # 92     |
| 82) Chrysene                   | 13.99 | 228  | 1496086m | 42.37 | nq    |          |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 1067465  | 43.40 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.56 | 149  | 1738245  | 42.08 | nq    | # 89     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.74 | 276  | 1277656  | 40.83 | nq    | # 91     |
| 87) Benzo(b)fluoranthene       | 14.97 | 252  | 1757495m | 48.22 | nq    |          |
| 88) Benzo(k)fluoranthene       | 15.00 | 252  | 1124744m | 39.05 | nq    |          |
| 89) Benzo(a)pyrene             | 15.31 | 252  | 1318931  | 42.12 | nq    | # 91     |
| 90) Dibenzo(a,h)anthracene     | 16.76 | 278  | 1118792  | 42.20 | nq    | # 79     |
| 91) Benzo(g,h,i)perylene       | 17.15 | 276  | 1020694  | 40.88 | nq    | # 79     |

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

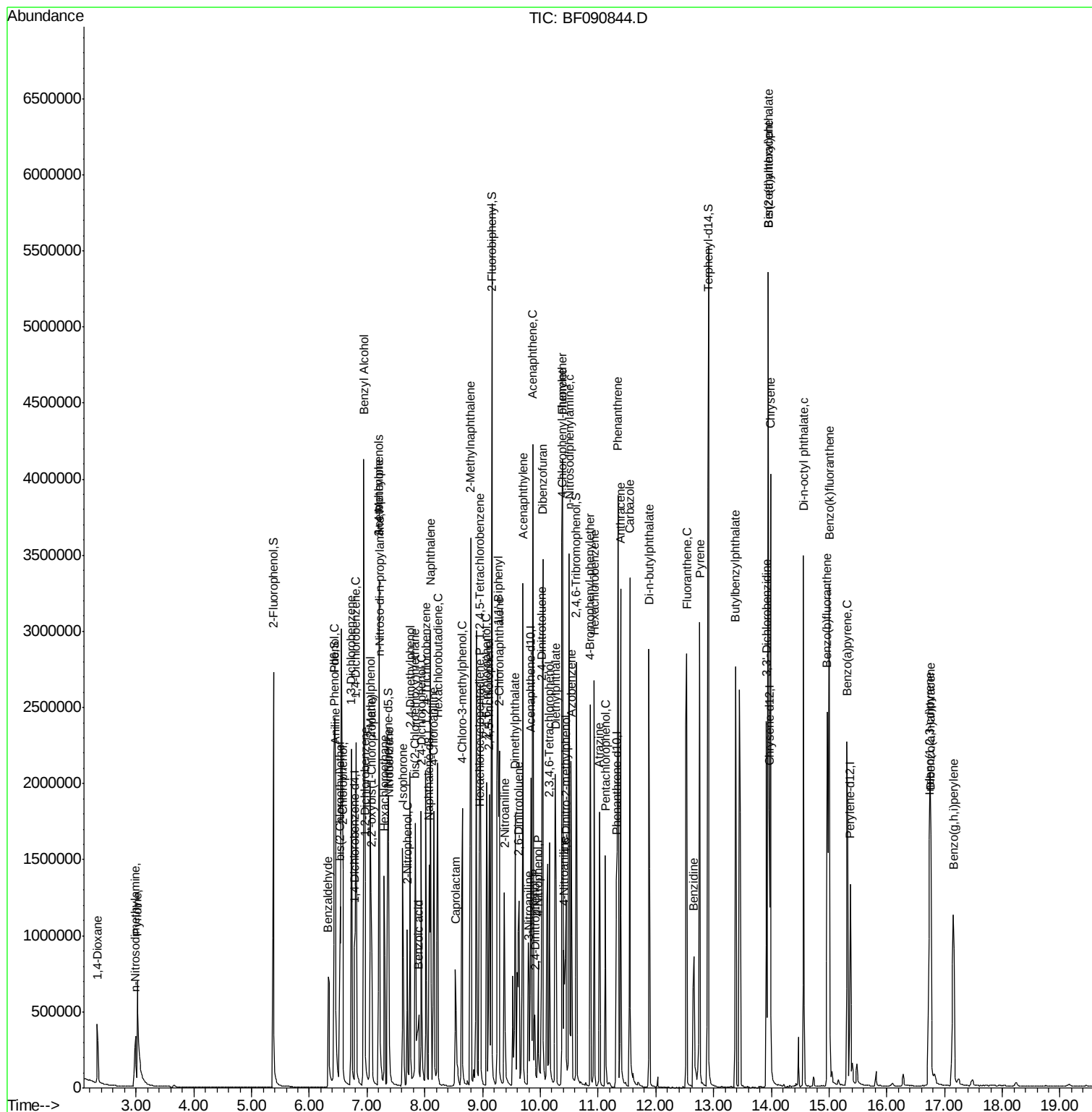
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\  
Data File : BF090844.D  
Acq On    : 26 Oct 2016 16:13  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
```

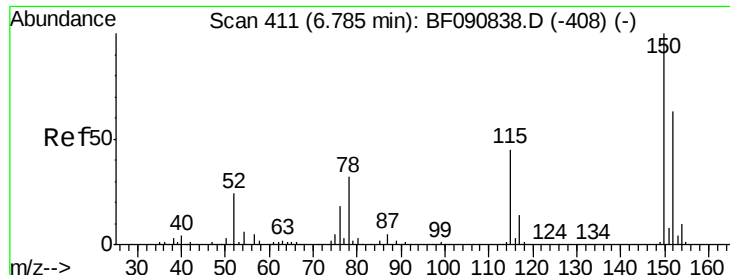
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

## Manual Integrations APPROVED

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Quant Time: Oct 26 16:56:41 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 26 16:35:31 2016  
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#1

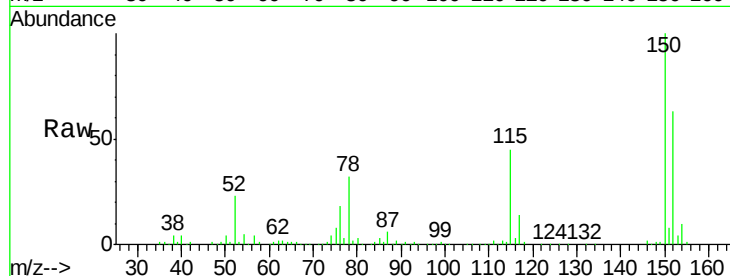
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.78 min Scan# 411  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

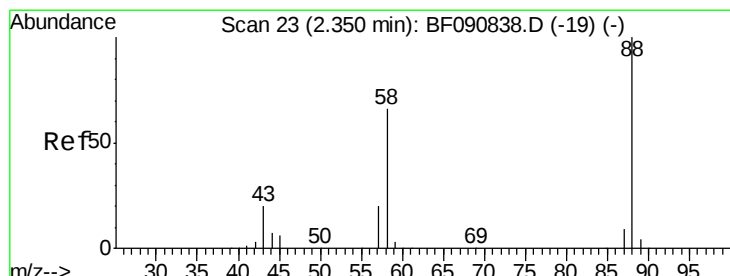
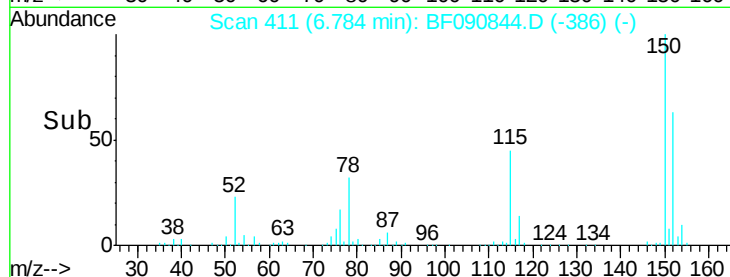
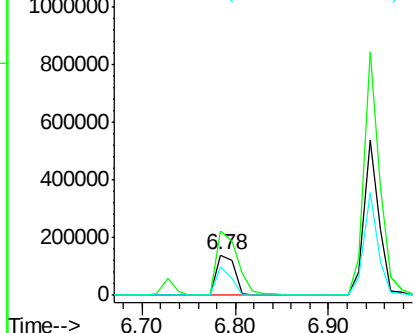
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.1 | 124.7 | 187.1 |
| 115     | 71.2  | 39.0  | 58.4  |

Manual Integrations  
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E

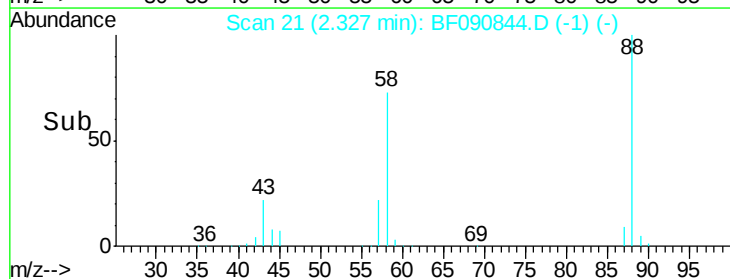
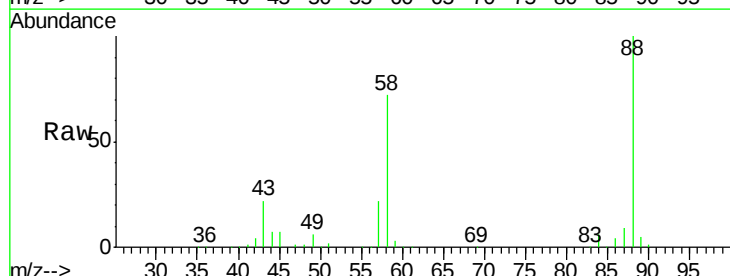
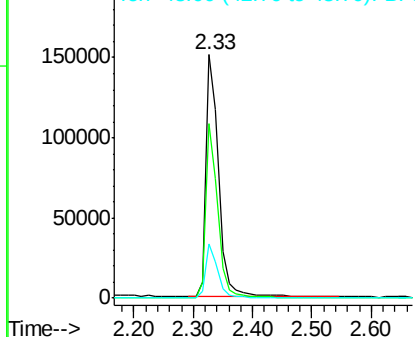


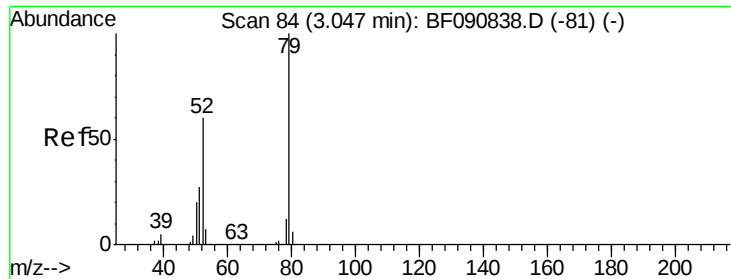
#2

1,4-Dioxane  
Concen: 39.99 ng  
RT: 2.33 min Scan# 21  
Delta R.T. -0.02 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.2  | 77.7  | 116.5 |
| 43      | 21.9  | 26.6  | 40.0  |

Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.13 ng

RT: 3.02 min Scan# 82

Delta R.T. -0.03 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

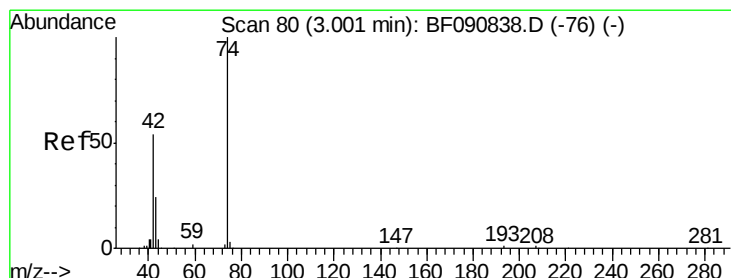
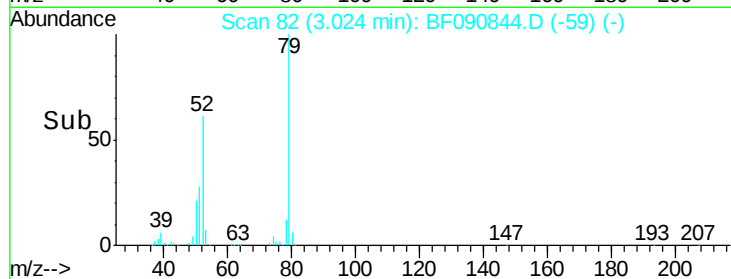
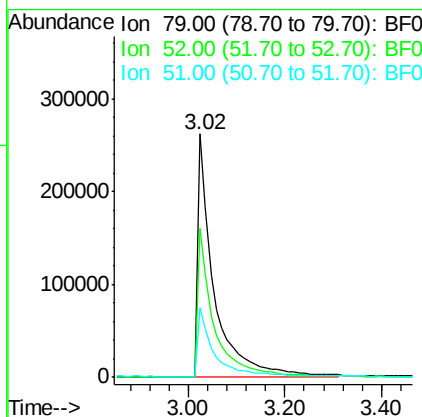
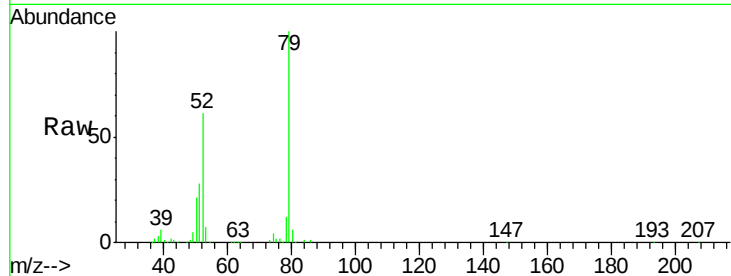
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 627958 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 61.4  | 76.8  | 115.2# |
| 51        | 28.3  | 32.2  | 48.4#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 41.37 ng

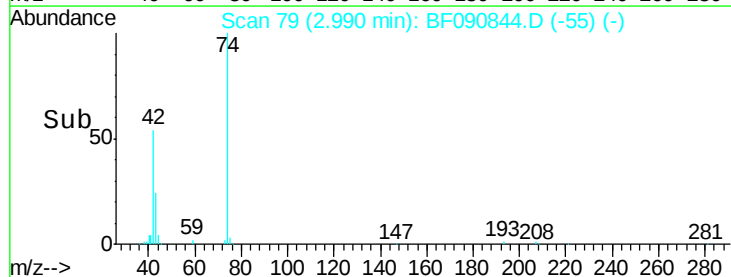
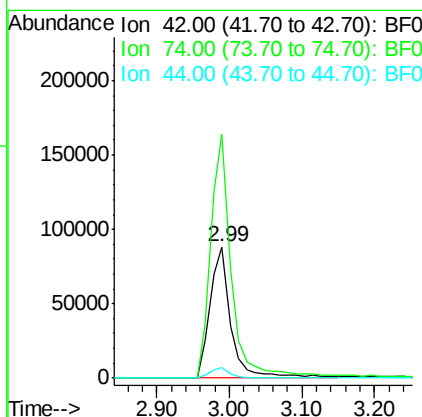
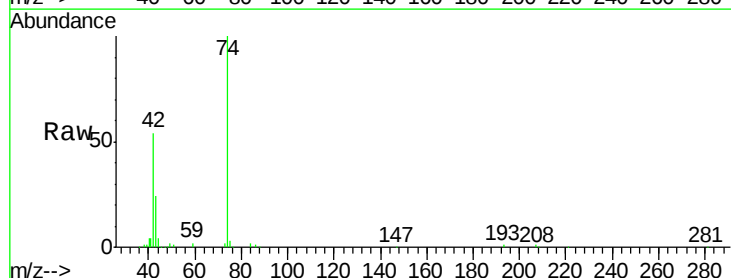
RT: 2.99 min Scan# 79

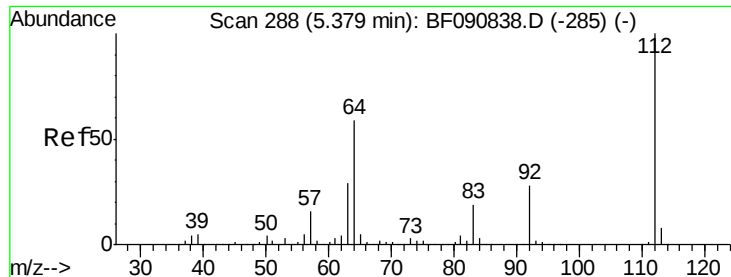
Delta R.T. -0.02 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 177848 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 185.4 | 105.0 | 157.6# |
| 44        | 7.7   | 6.6   | 10.0   |





#5

2-Fluorophenol

Concen: 84.52 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

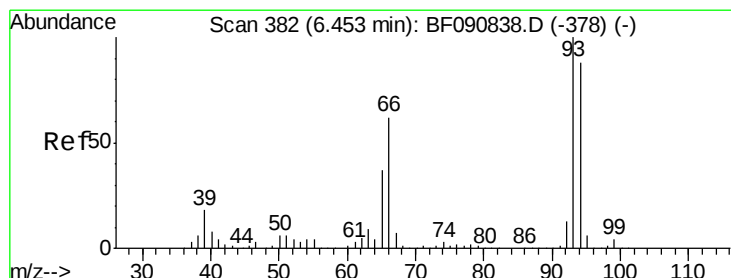
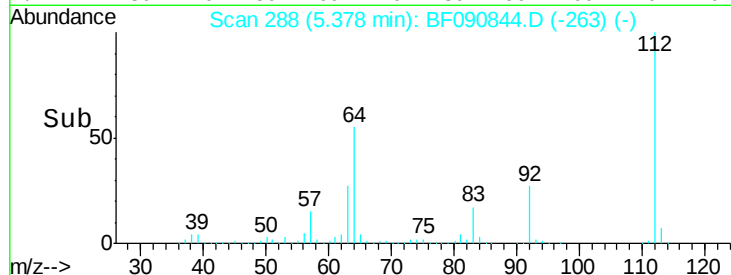
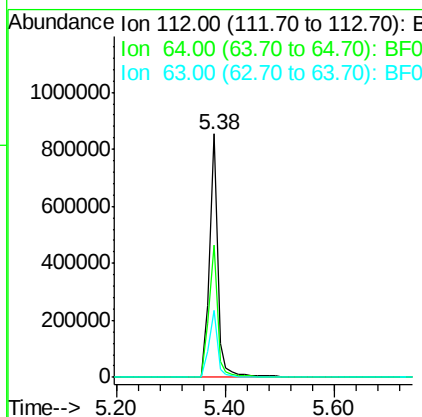
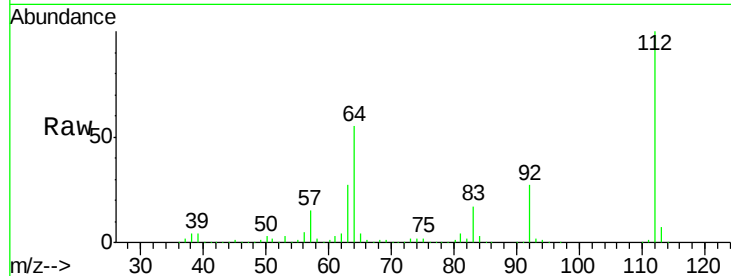
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 930593 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.5  | 39.7  | 59.5   |
| 63        | 27.3  | 17.4  | 26.0#  |

Manual Integrations  
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#6

Aniline

Concen: 40.91 ng

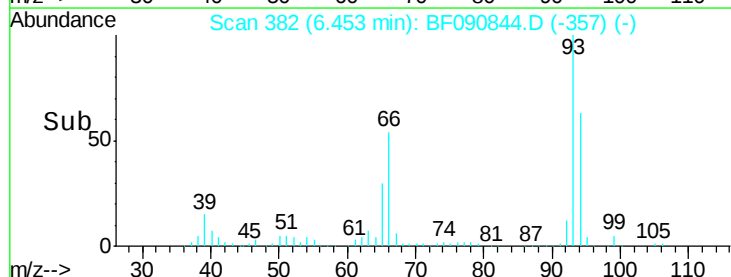
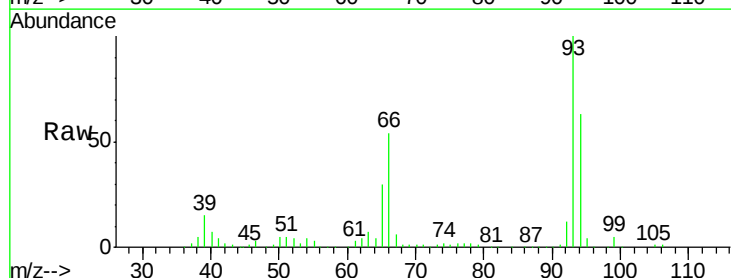
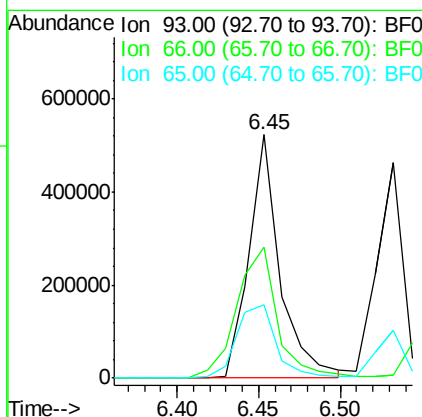
RT: 6.45 min Scan# 382

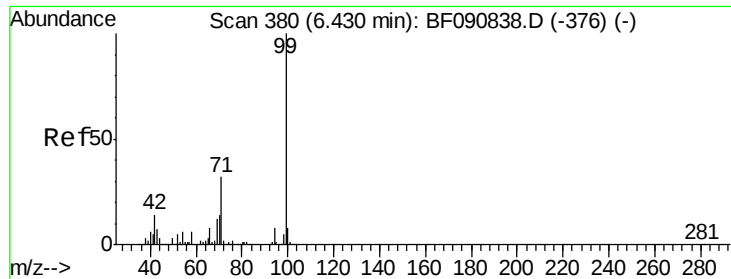
Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 694133 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 53.6  | 27.2  | 40.8#  |
| 65        | 30.2  | 14.7  | 22.1#  |





#7

Phenol-d6

Concen: 77.17 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1146267

Ion Ratio Lower Upper

99 100

42 13.6 13.7 20.5#

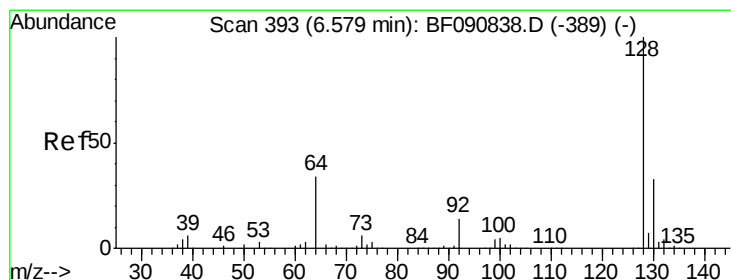
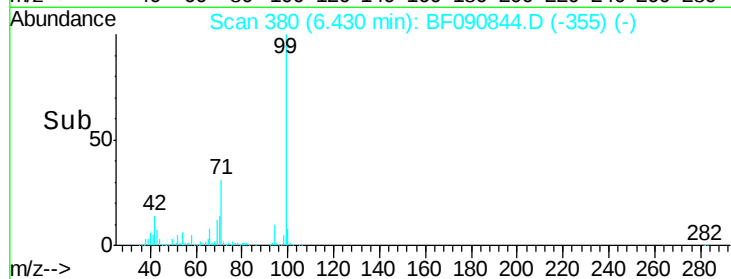
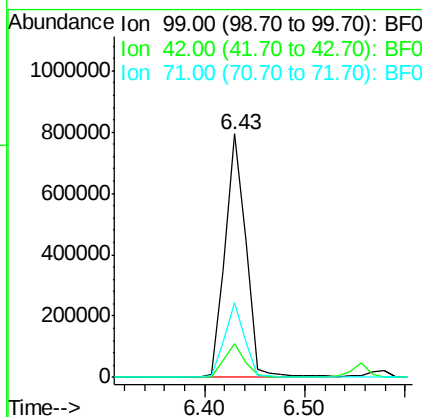
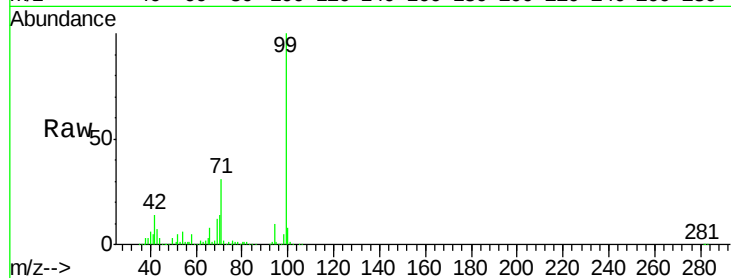
71 30.9 14.2 21.2#

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#8

2-Chlorophenol

Concen: 40.69 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

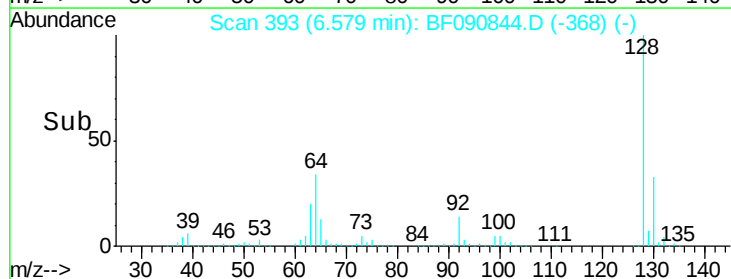
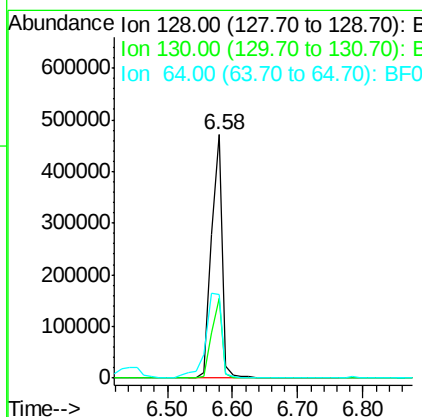
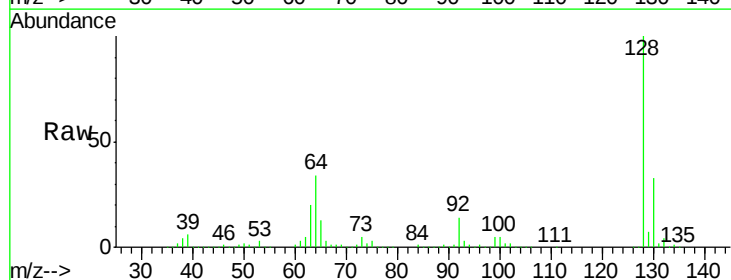
Tgt Ion: 128 Resp: 552648

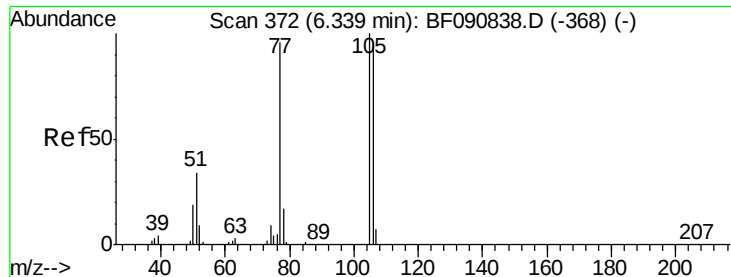
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

64 34.3 20.5 60.5





#9

Benzaldehyde

Concen: 38.67 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

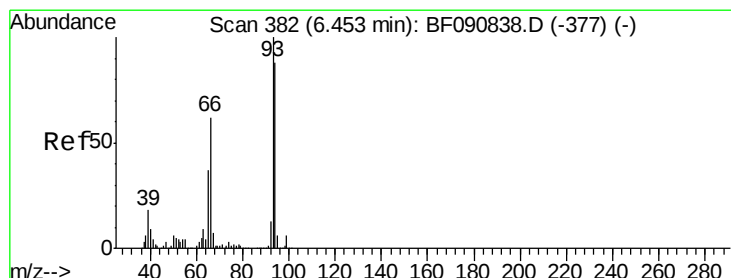
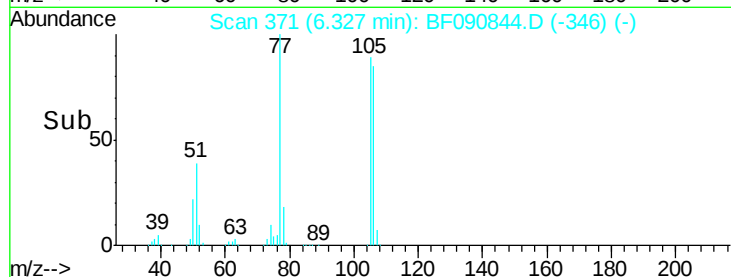
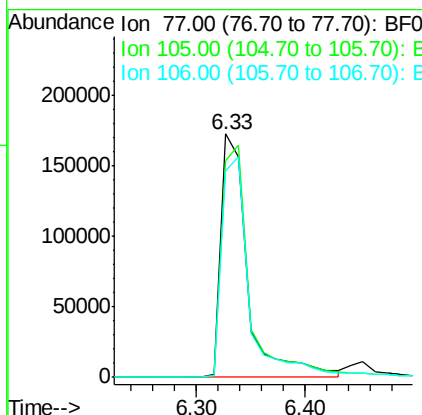
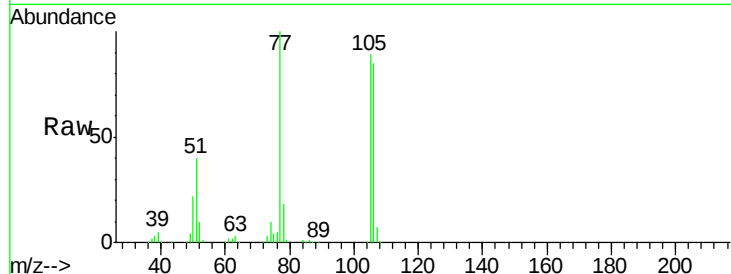
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 77      | 100   |       |        |
| 105     | 88.8  | 91.6  | 131.6# |
| 106     | 84.9  | 102.6 | 142.6# |

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#10

Phenol

Concen: 35.89 ng

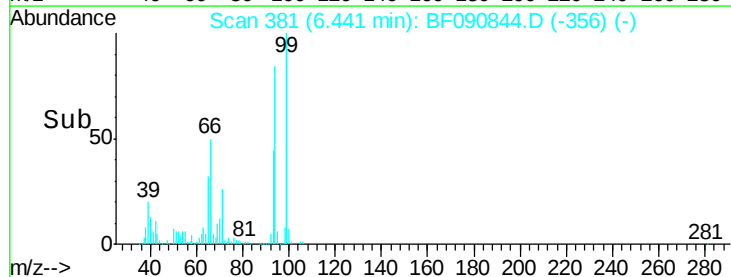
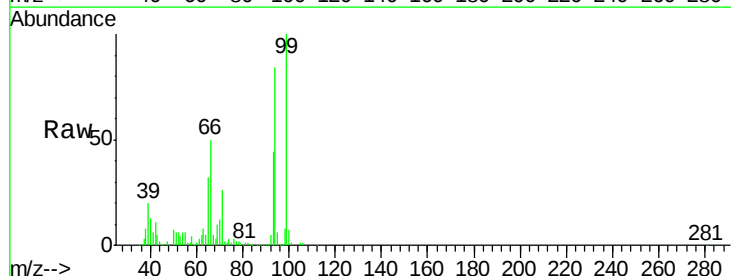
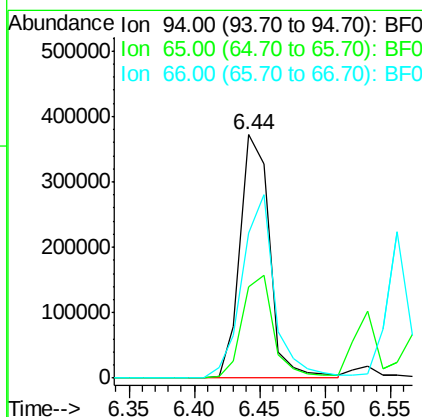
RT: 6.44 min Scan# 381

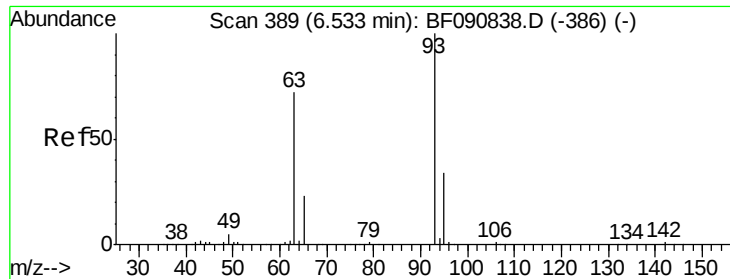
Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 37.7  | 0.7   | 40.7  |
| 66      | 59.4  | 0.8   | 40.8# |





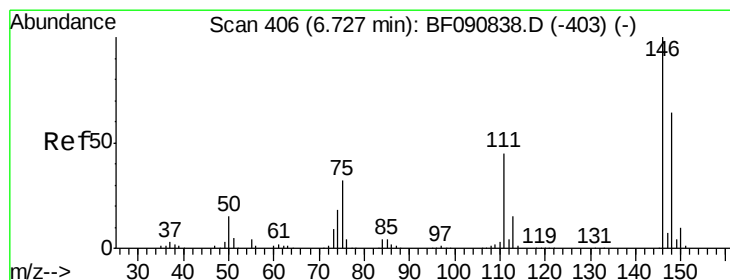
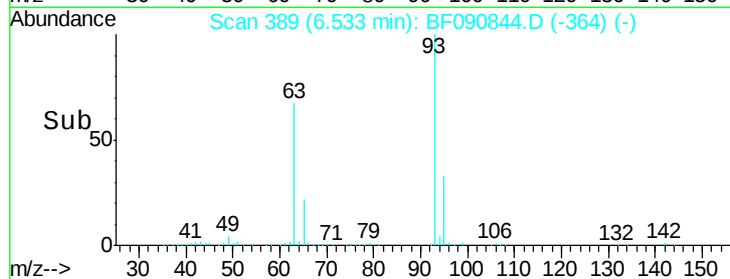
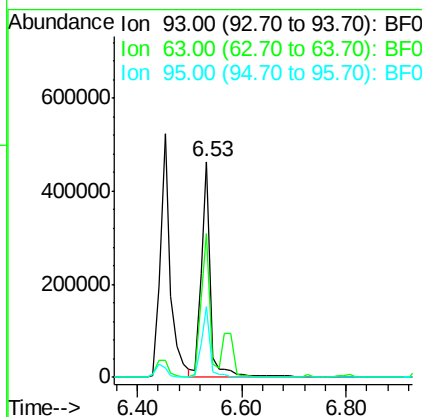
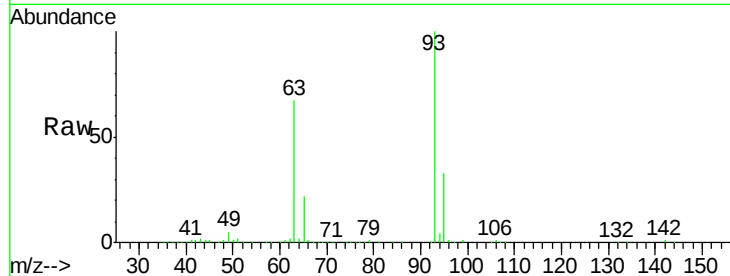
#11  
bis(2-Chloroethyl)ether  
Concen: 41.56 ng  
RT: 6.53 min Scan# 389  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 66.8  | 65.6  | 105.6 |
| 95      | 32.7  | 13.6  | 53.6  |

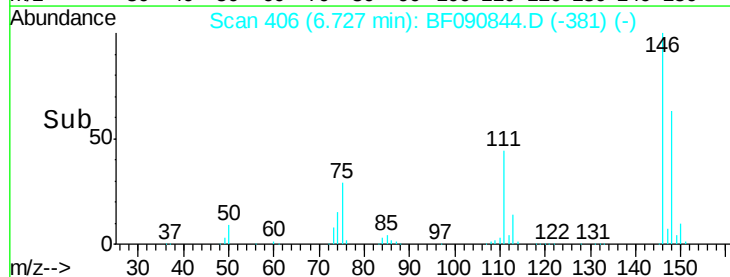
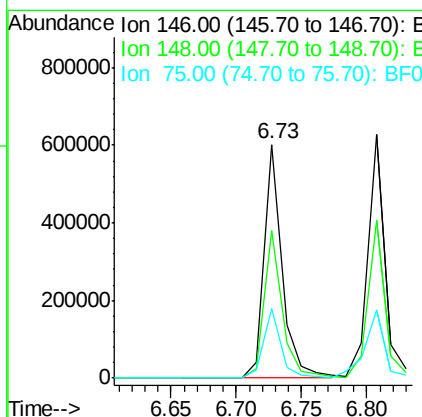
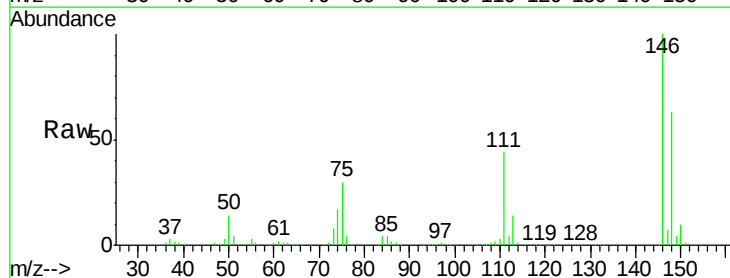
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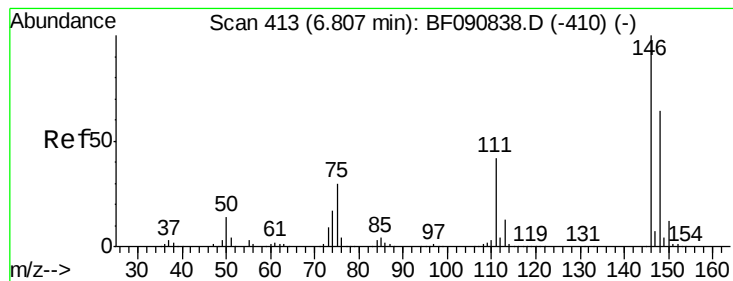
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#12  
1,3-Dichlorobenzene  
Concen: 41.11 ng m  
RT: 6.73 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.0  | 76.4  |
| 75      | 29.9  | 15.0  | 22.6  |





#13

1,4-Dichlorobenzene

Concen: 40.59 ng/mL

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

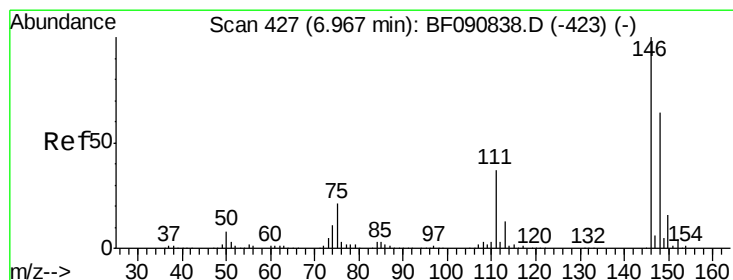
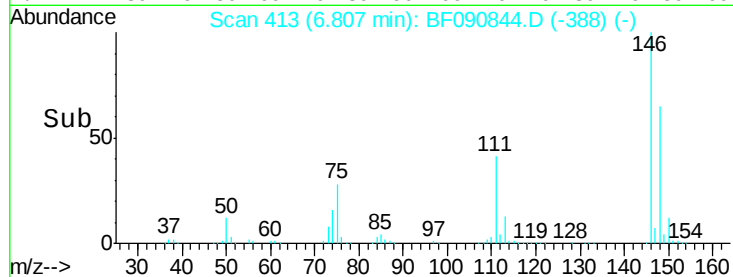
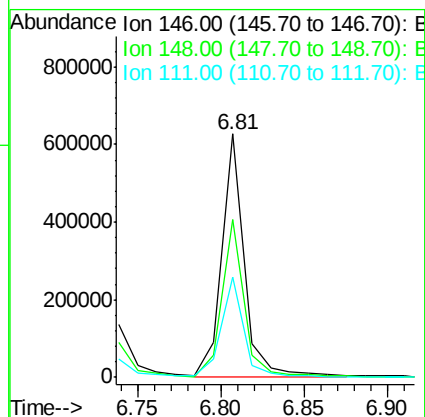
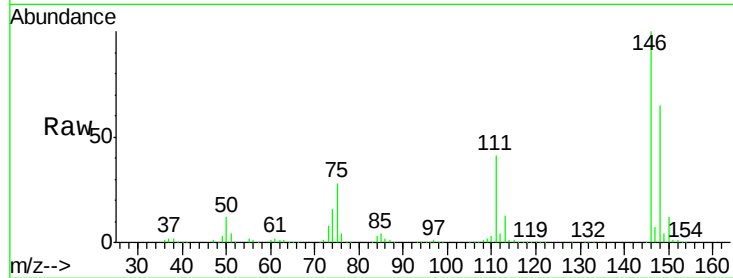
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 592960 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.8  | 51.8  | 77.6   |
| 111       | 41.1  | 24.9  | 37.3   |

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#14

1,2-Dichlorobenzene

Concen: 36.45 ng/mL

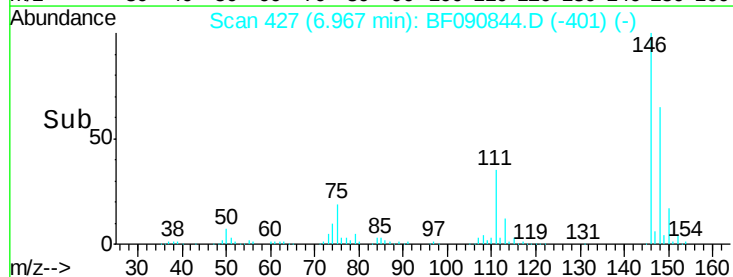
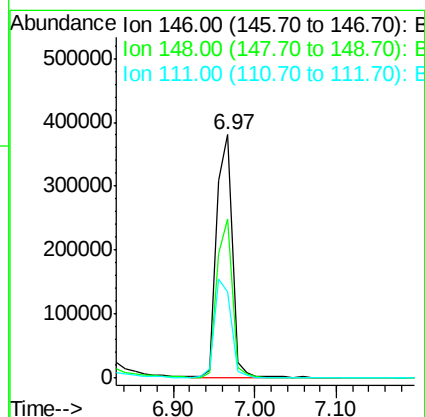
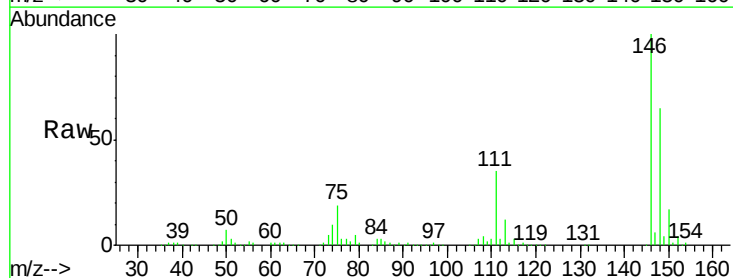
RT: 6.97 min Scan# 427

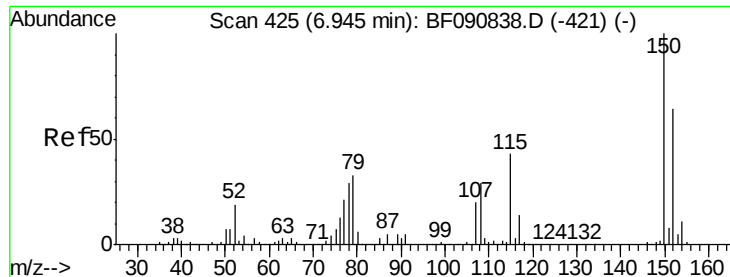
Delta R.T. -0.00 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 510455 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.4  | 52.7  | 79.1   |
| 111       | 35.2  | 28.8  | 43.2   |





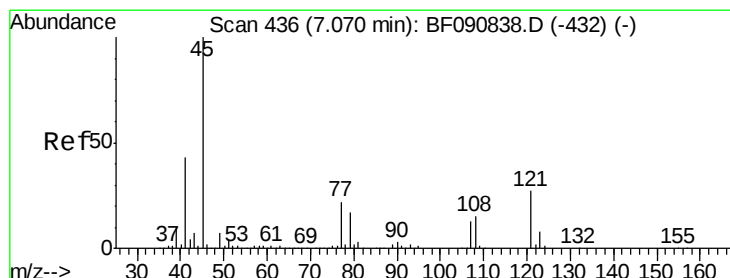
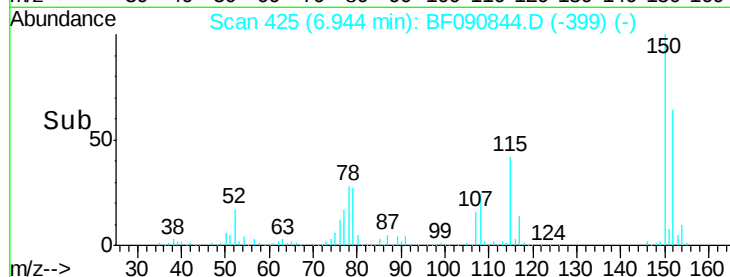
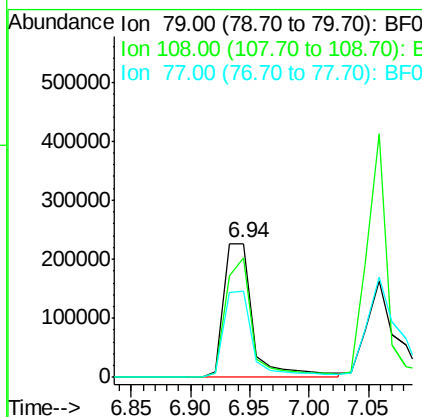
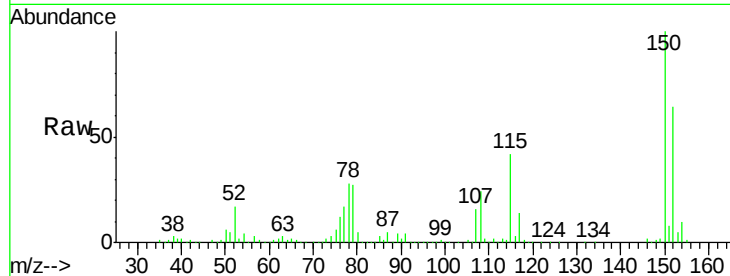
#15  
Benzyl Alcohol  
Concen: 39.88 ng  
RT: 6.94 min Scan# 425  
Delta R.T. -0.00 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 89.7  | 88.6  | 132.8 |
| 77      | 64.0  | 47.0  | 70.4  |

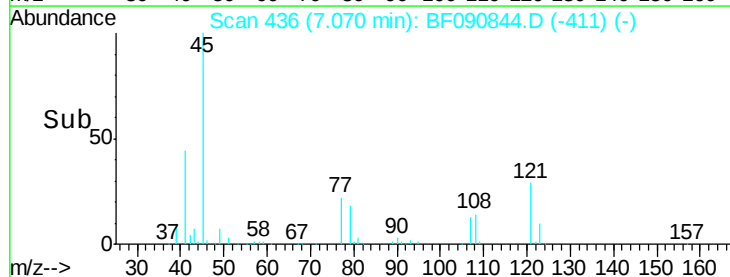
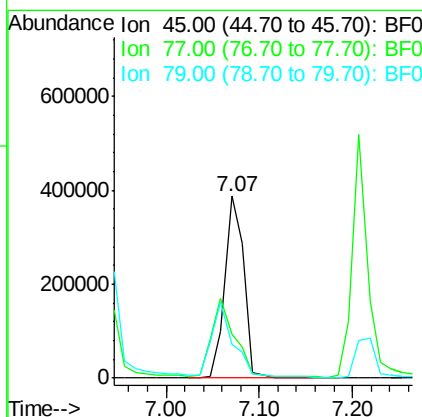
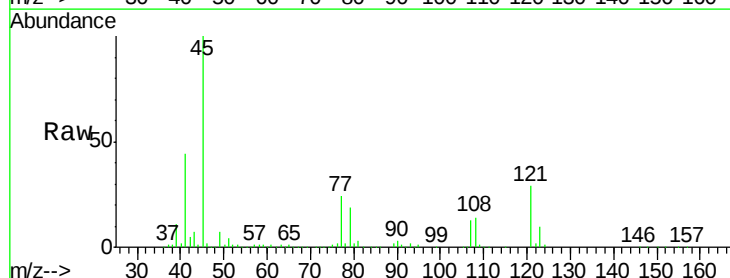
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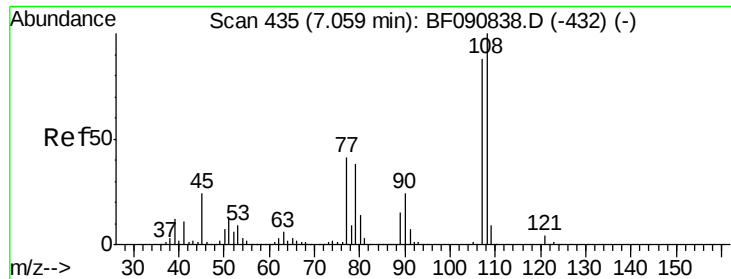
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 40.79 ng  
RT: 7.07 min Scan# 436  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 24.1  | 0.0   | 28.1  |
| 79      | 18.8  | 0.0   | 26.0  |





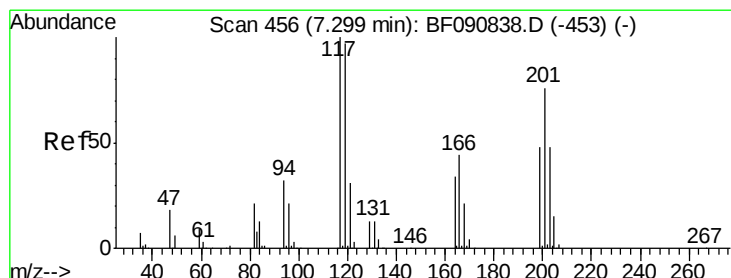
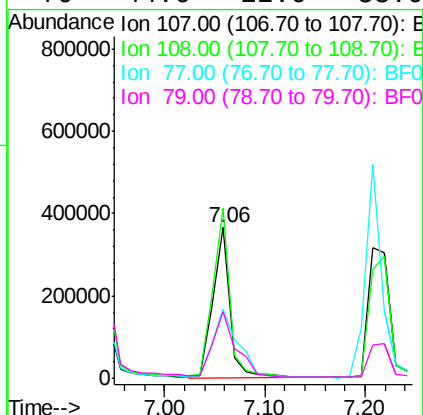
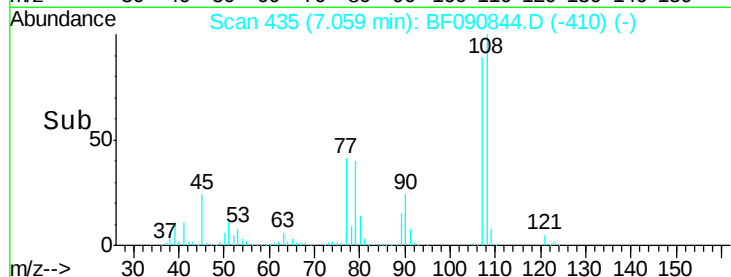
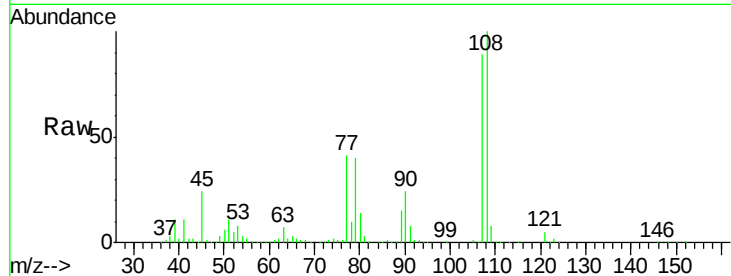
#17  
2-Methylphenol  
Concen: 41.48 ng  
RT: 7.06 min Scan# 435  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 108     | 112.7 | 96.6       | 145.0      |
| 77      | 46.1  | 23.3       | 34.9       |
| 79      | 44.6  | 22.0       | 33.0       |

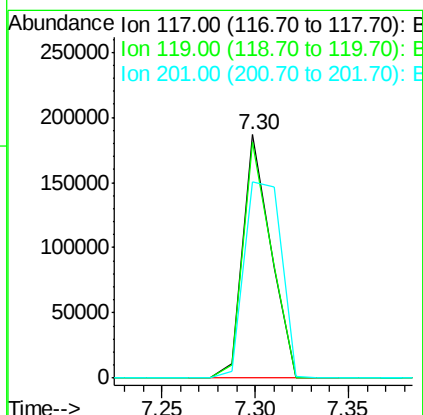
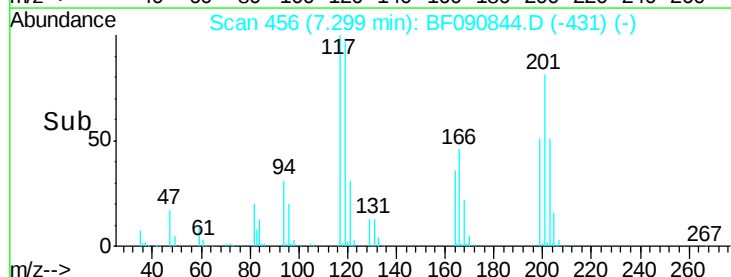
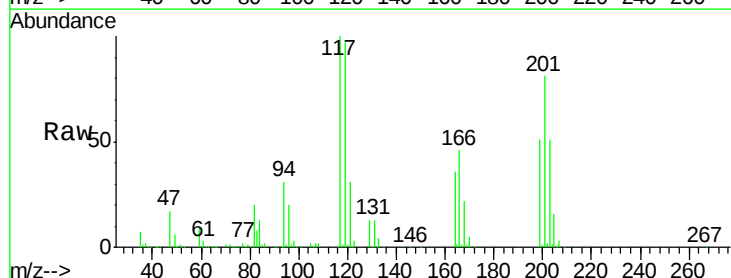
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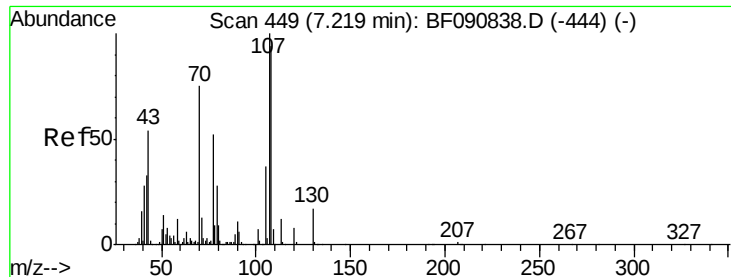
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#18  
Hexachloroethane  
Concen: 36.51 ng  
RT: 7.30 min Scan# 456  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 119     | 96.8  | 83.8       | 125.6      |
| 201     | 80.5  | 55.1       | 82.7       |





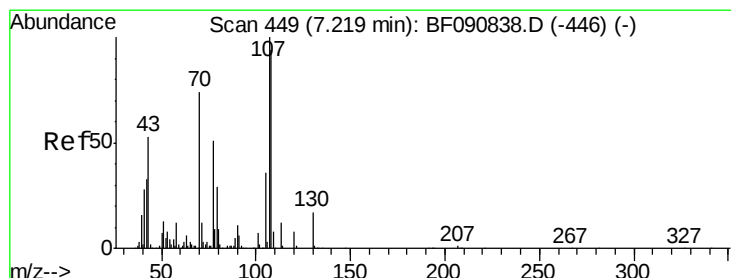
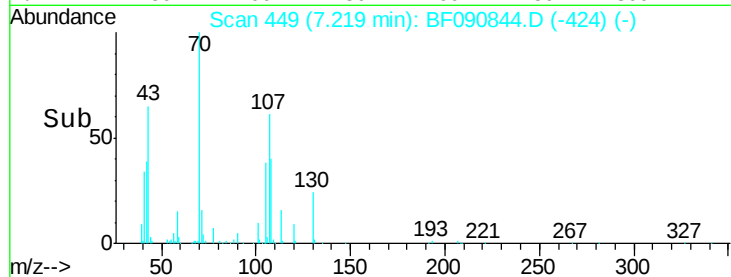
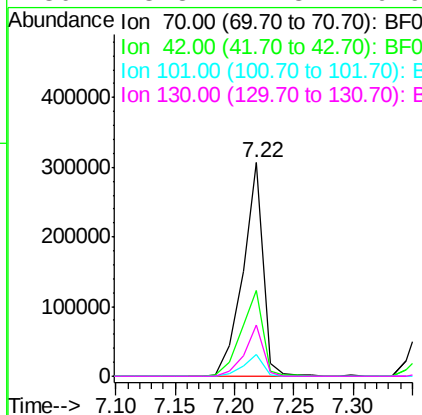
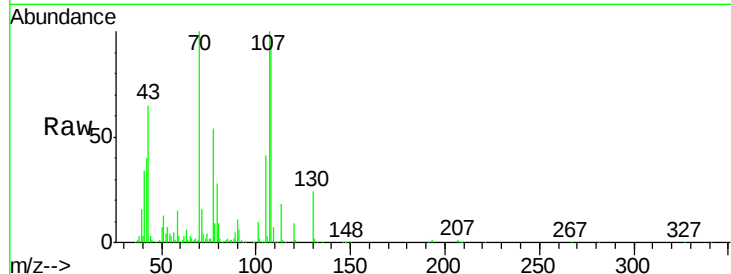
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.24 ng  
RT: 7.22 min Scan# 449  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       |       |       |       |
| 42      | 40.2 | 63.8  | 95.6# |       |       |
| 101     | 10.0 | 9.2   | 13.8  |       |       |
| 130     | 23.8 | 27.3  | 40.9# |       |       |

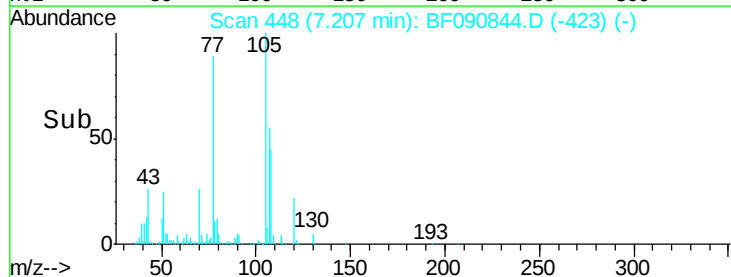
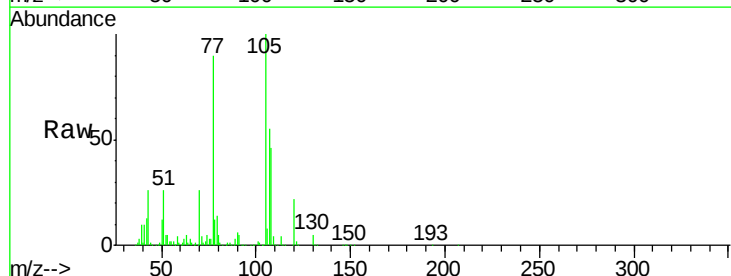
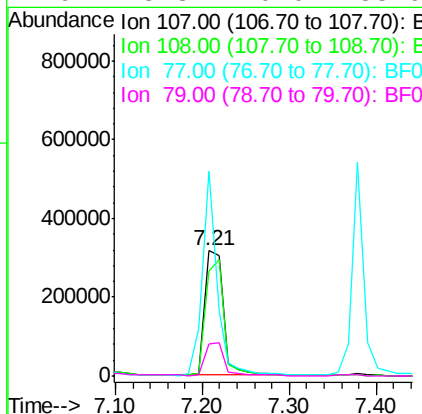
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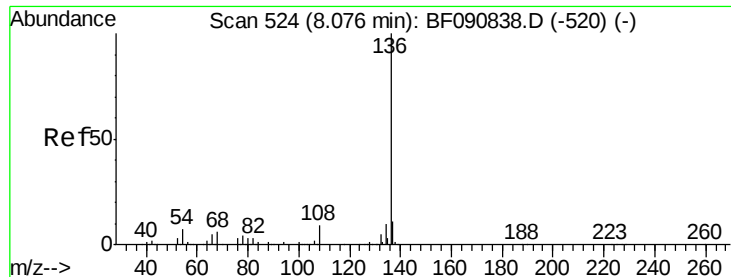
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#20  
3+4-Methylphenols  
Concen: 39.90 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |       |
| 108     | 83.5  | 74.6  | 114.6 |       |       |
| 77      | 163.1 | 0.7   | 40.7# |       |       |
| 79      | 25.3  | 0.0   | 38.9  |       |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

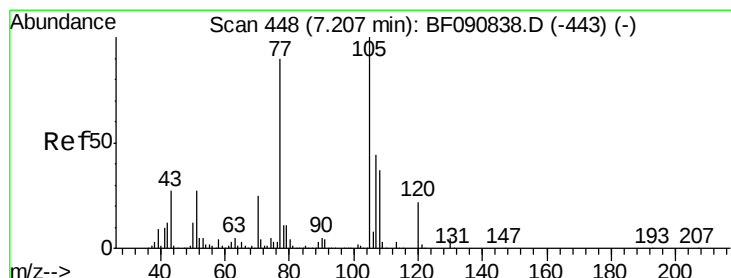
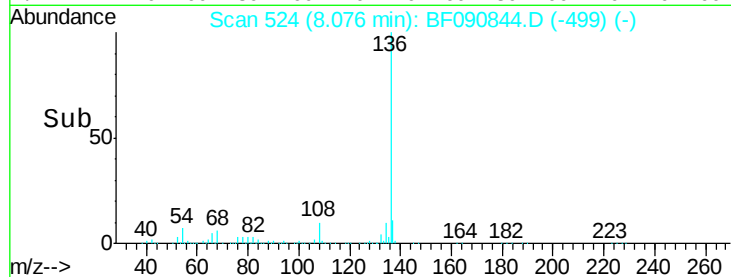
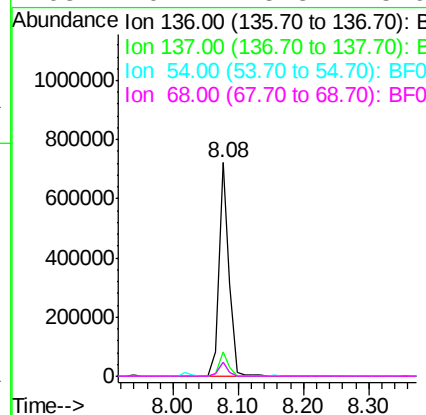
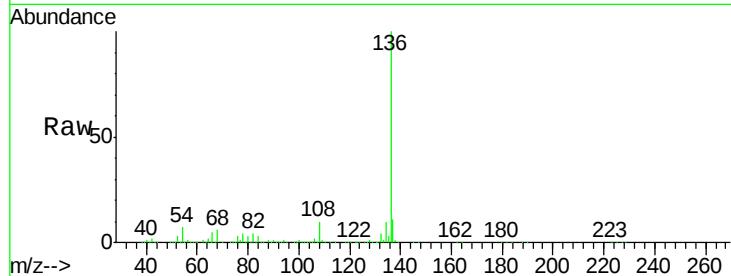
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 136     | 100  |       |      |       |       |
| 137     | 11.4 |       | 9.0  | 13.6  |       |
| 54      | 6.8  |       | 8.2  | 12.2  |       |
| 68      | 6.4  |       | 5.8  | 8.6   |       |

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#22

Acetophenone

Concen: 40.21 ng

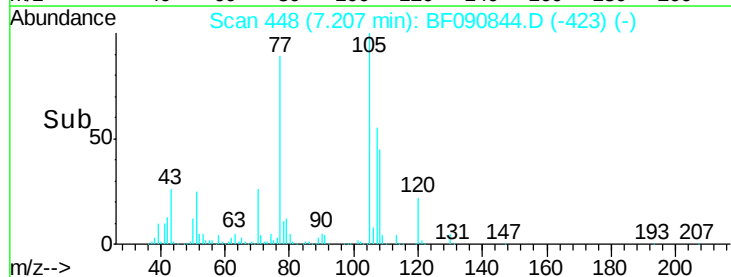
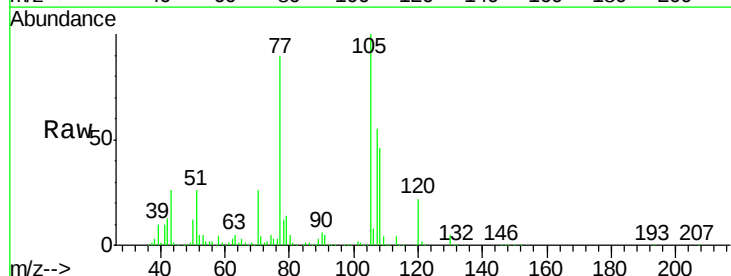
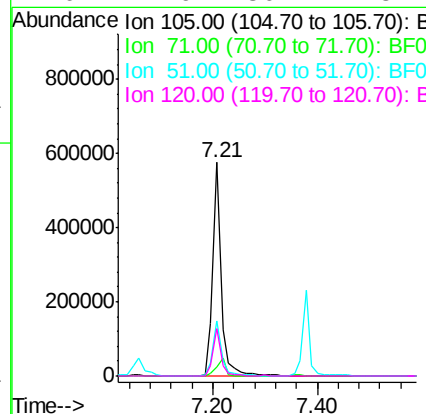
RT: 7.21 min Scan# 448

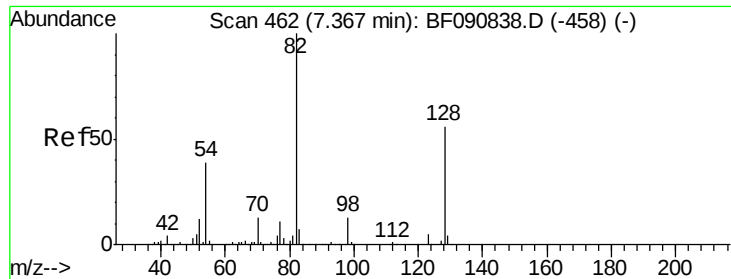
Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 105     | 100  |       |      |       |       |
| 71      | 4.4  |       | 4.7  | 7.1   |       |
| 51      | 26.0 |       | 22.0 | 33.0  |       |
| 120     | 21.9 |       | 30.1 | 45.1  |       |





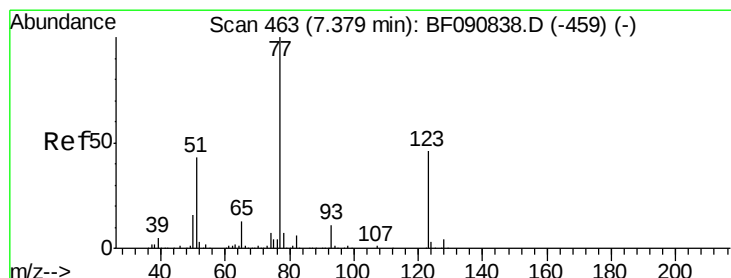
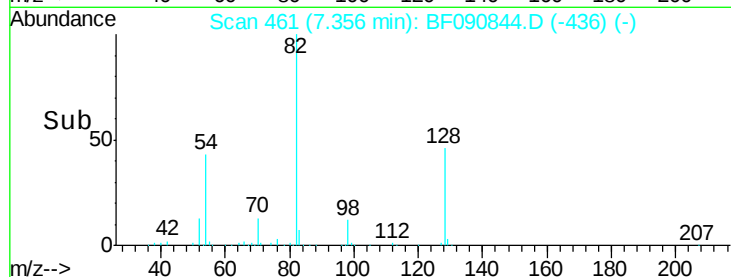
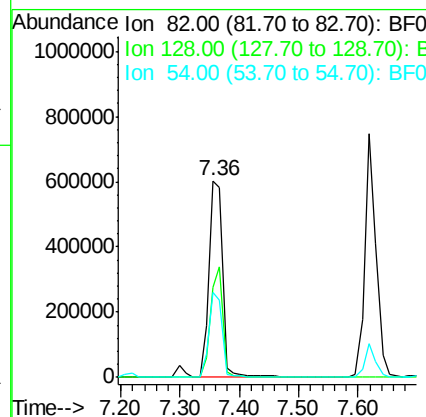
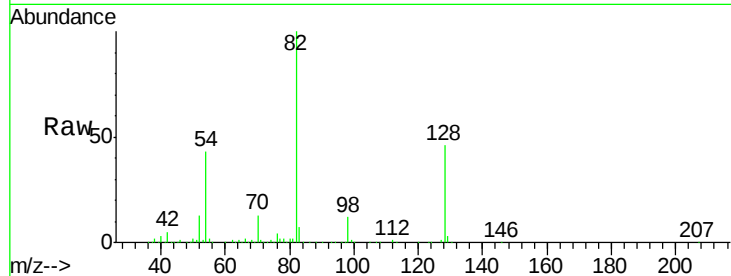
#23  
 Nitrobenzene-d5  
 Concen: 81.97 ng  
 RT: 7.36 min Scan# 461  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.9  | 51.0  | 76.6# |
| 54      | 43.2  | 47.5  | 71.3# |

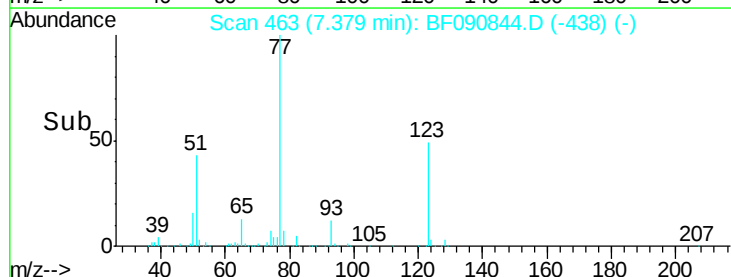
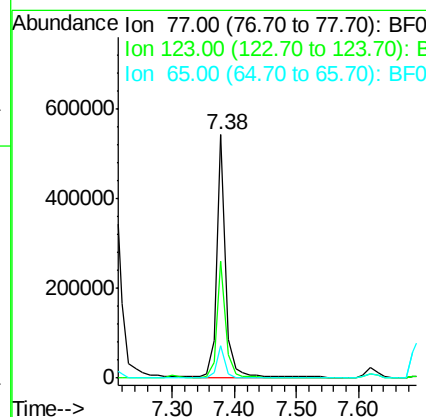
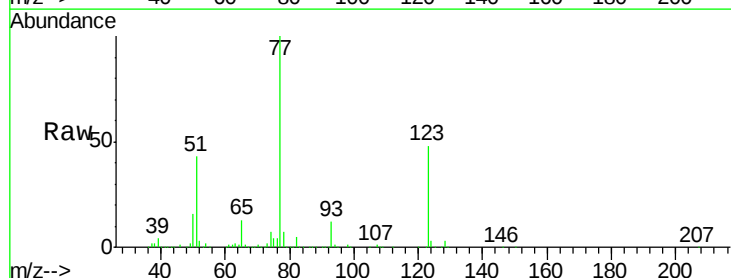
Manual Integrations  
 APPROVED

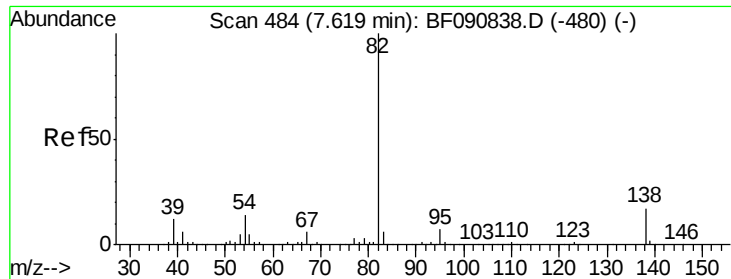
sohil  
 10/27/2016 3:46:02 PM



#24  
 Nitrobenzene  
 Concen: 41.26 ng  
 RT: 7.38 min Scan# 463  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.0  | 59.8  | 89.8# |
| 65      | 13.2  | 10.2  | 15.4  |





#25

Isophorone

Concen: 39.62 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 969851  
Ion Ratio Lower Upper

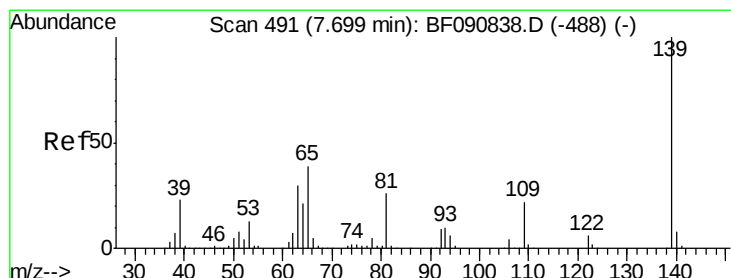
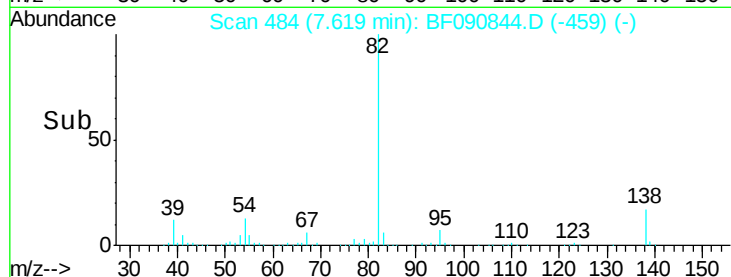
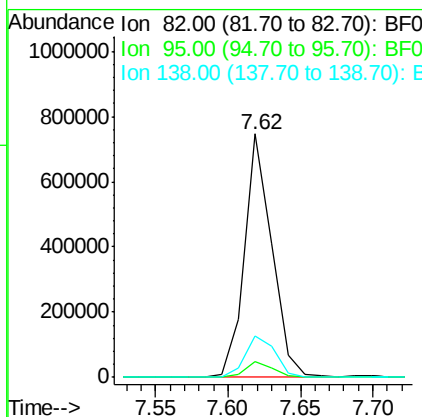
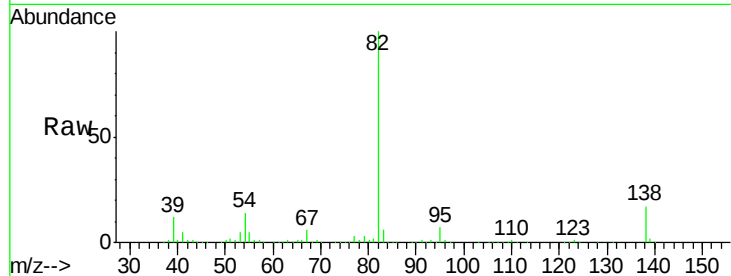
82 100

95 6.5 4.0 6.0#

138 17.2 18.3 27.5#

Manual Integrations  
APPROVED

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#26

2-Nitrophenol

Concen: 44.79 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF090844.D

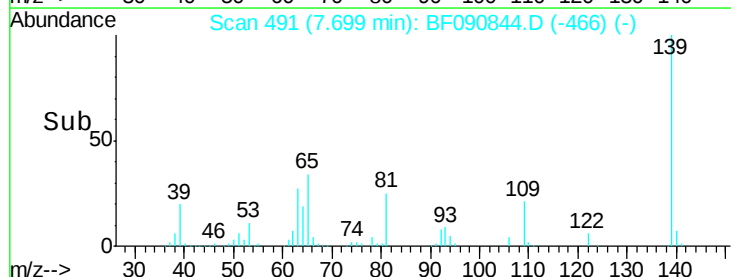
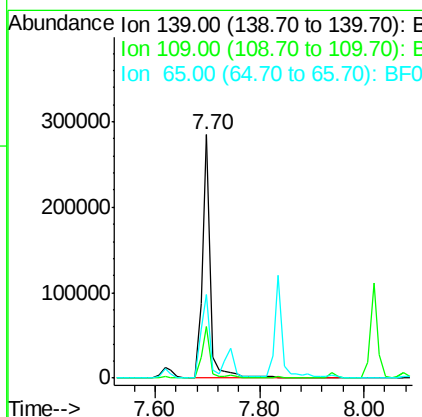
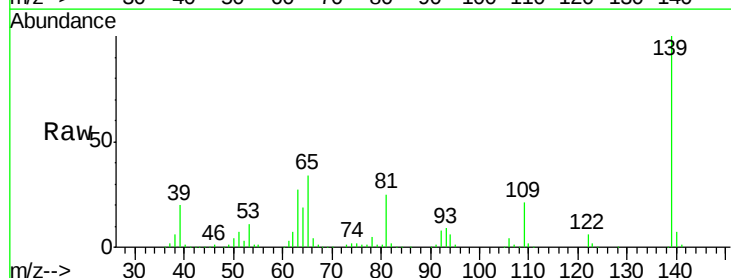
Acq: 26 Oct 2016 16:13

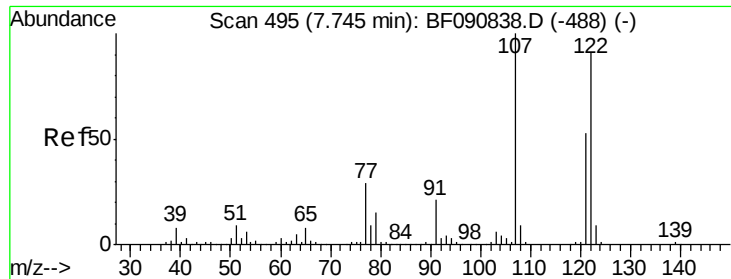
Tgt Ion: 139 Resp: 306105  
Ion Ratio Lower Upper

139 100

109 21.1 11.0 16.4#

65 34.4 24.7 37.1





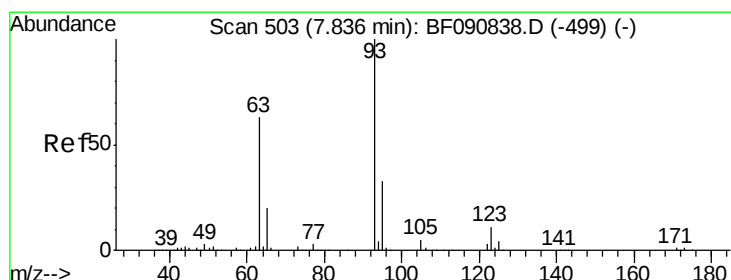
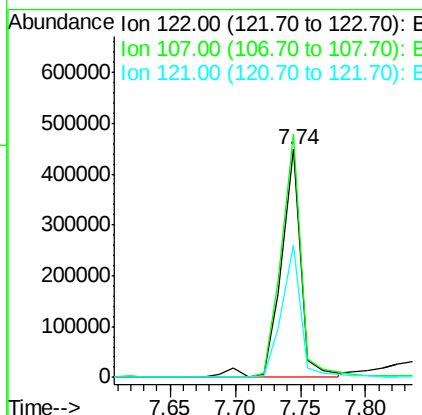
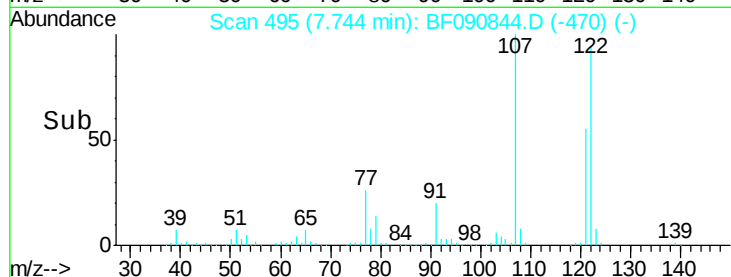
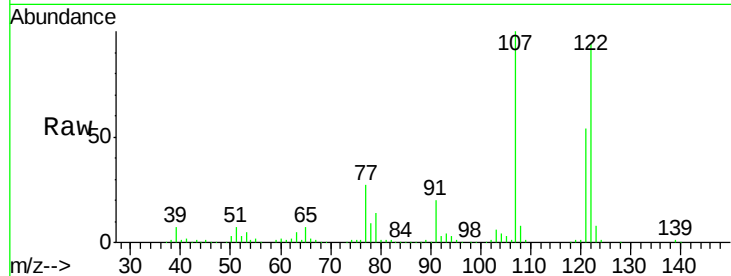
#27  
2,4-Dimethylphenol  
Concen: 43.43 ng  
RT: 7.74 min Scan# 495  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 106.8 | 71.8  | 107.6 |
| 121     | 58.1  | 42.3  | 63.5  |

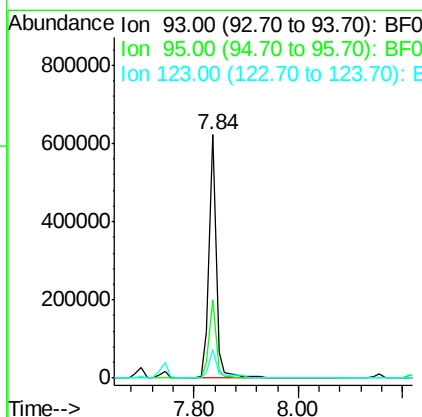
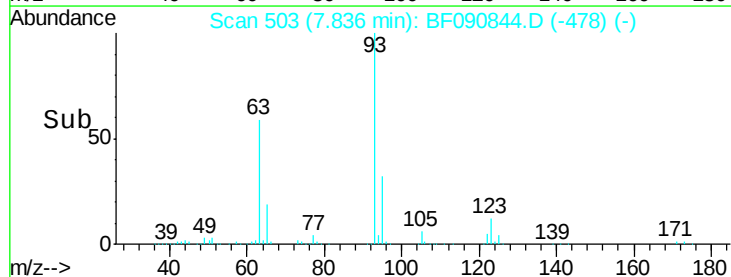
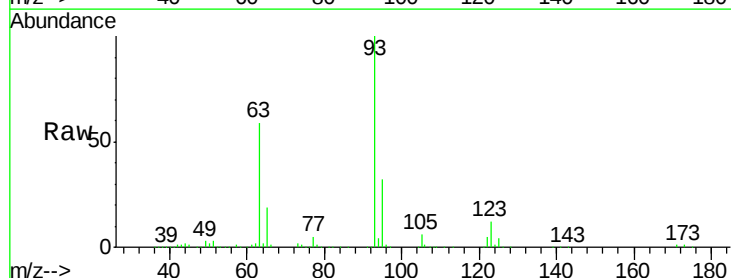
Manual Integrations  
APPROVED

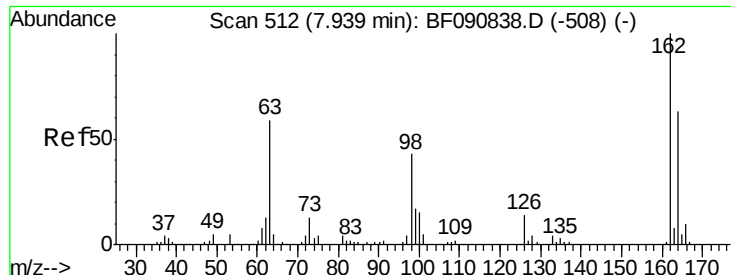
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#28  
bis(2-Chloroethoxy)methane  
Concen: 42.63 ng  
RT: 7.84 min Scan# 503  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.4  | 27.5  | 41.3  |
| 123     | 11.8  | 13.7  | 20.5# |





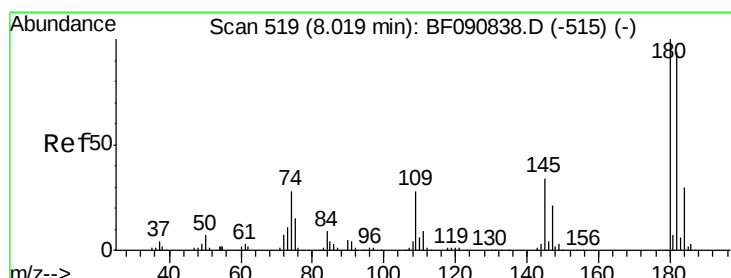
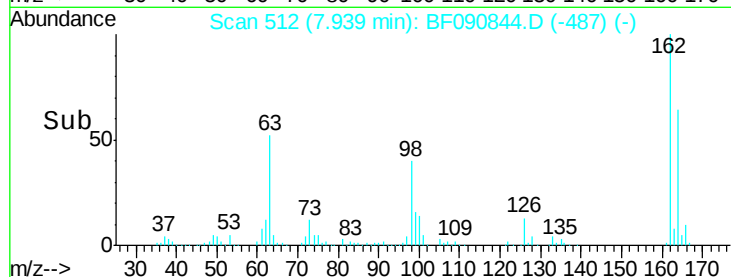
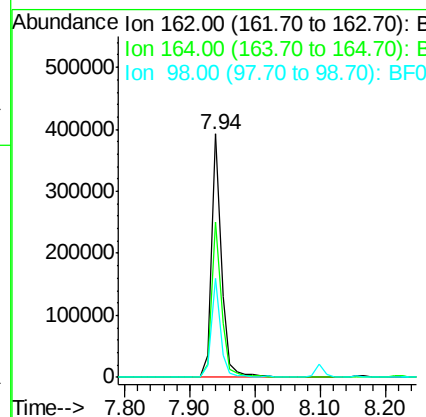
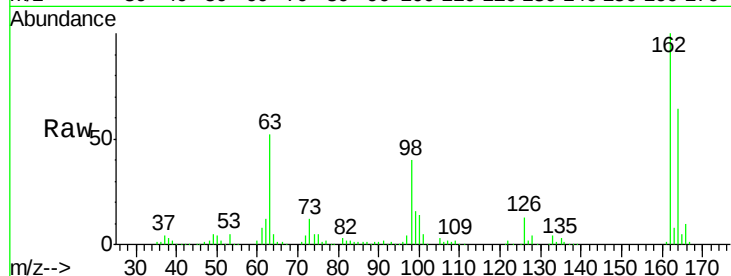
#29  
 2,4-Dichlorophenol  
 Concen: 41.21 ng  
 RT: 7.94 min Scan# 512  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 422266 |       |       |
| 164     | 63.6 |       | 44.9   | 84.9  |       |
| 98      | 40.5 |       | 13.0   | 53.0  |       |

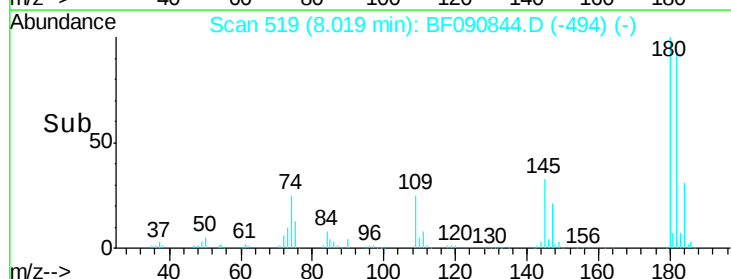
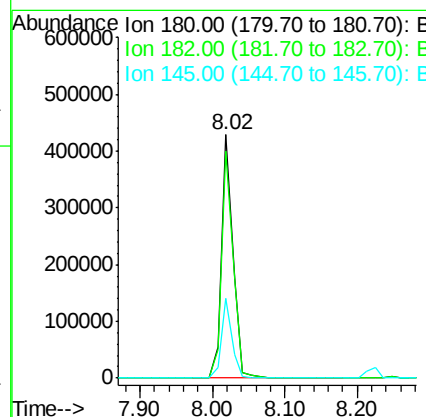
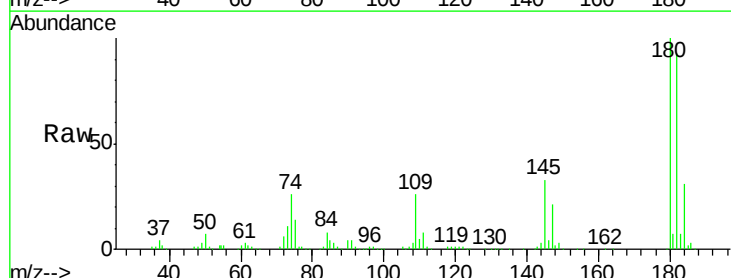
Manual Integrations  
 APPROVED

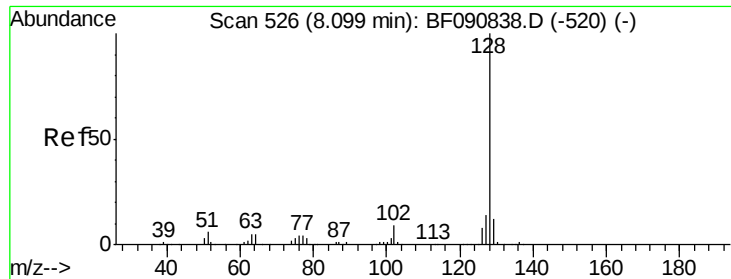
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.81 ng  
 RT: 8.02 min Scan# 519  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 180     | 100  |       | 471413 |       |       |
| 182     | 93.0 |       | 77.1   | 115.7 |       |
| 145     | 32.7 |       | 23.3   | 34.9  |       |





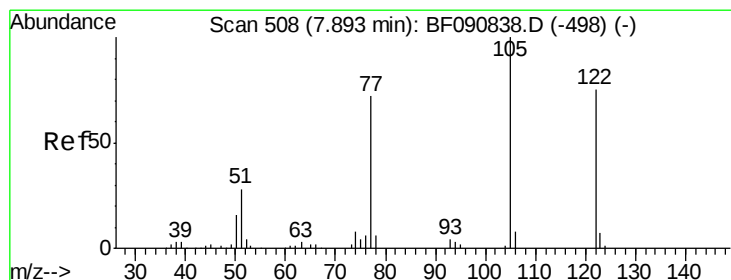
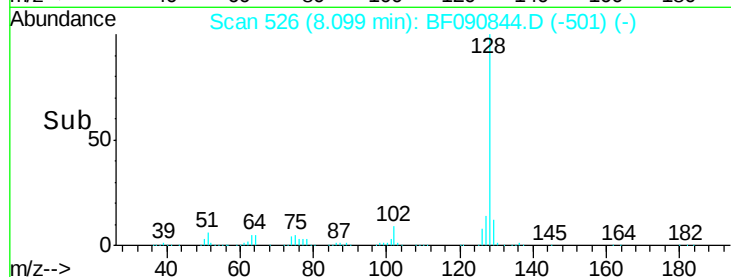
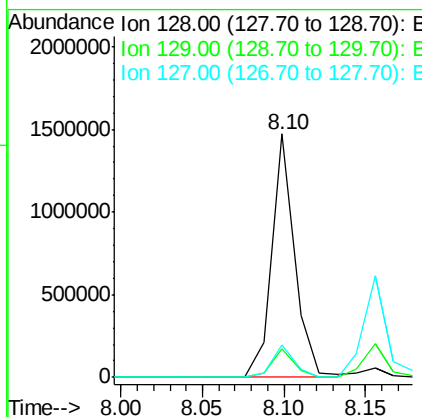
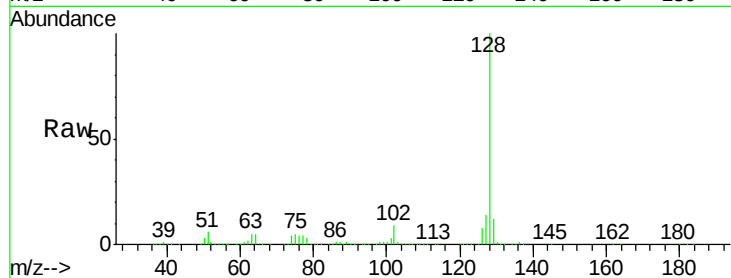
#31  
Naphthalene  
Concen: 39.22 ng  
RT: 8.10 min Scan# 526  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.9  | 8.4   | 12.6  |
| 127     | 13.6  | 9.9   | 14.9  |

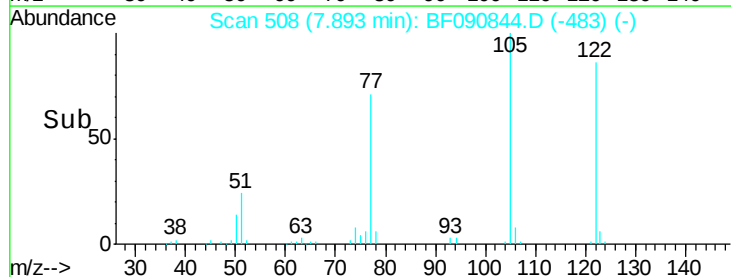
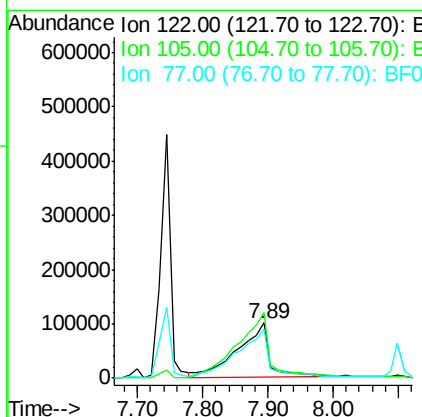
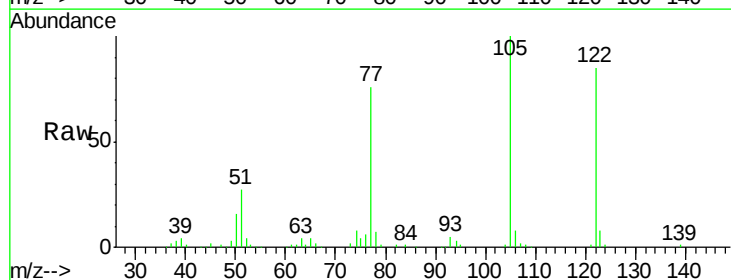
Manual Integrations  
APPROVED

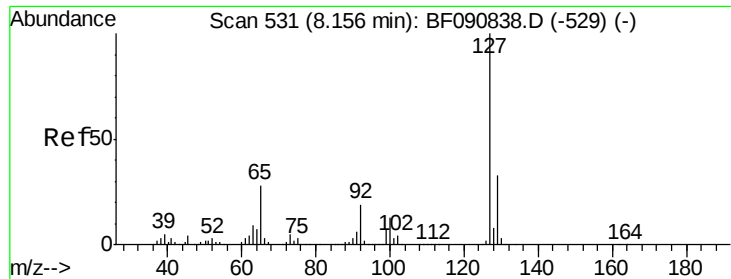
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#32  
Benzoic acid  
Concen: 41.69 ng  
RT: 7.89 min Scan# 508  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 117.8 | 76.1  | 116.1# |
| 77      | 89.8  | 40.5  | 80.5#  |





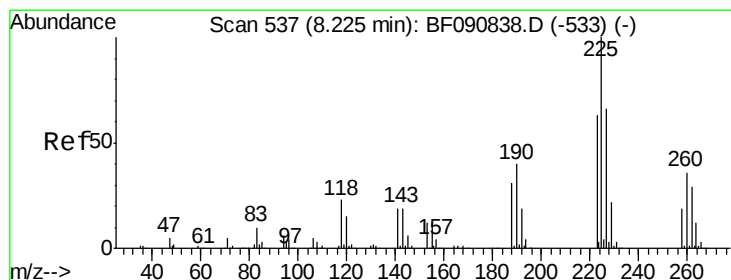
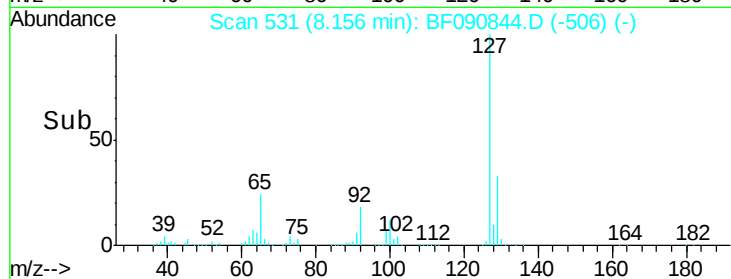
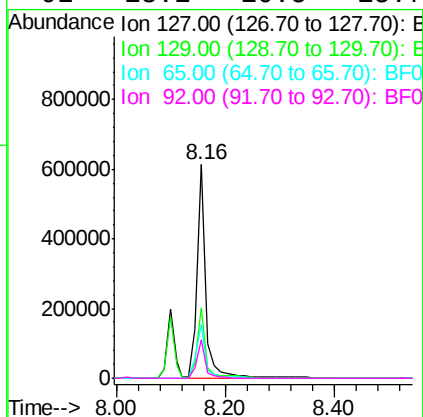
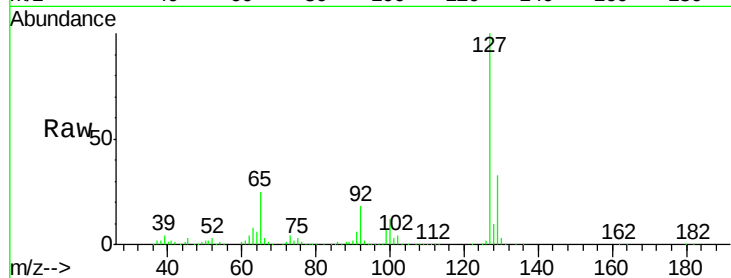
#33  
4-Chloroaniline  
Concen: 44.42 ng  
RT: 8.16 min Scan# 531  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 662488 |       |       |
| 129     | 33.1 | 25.8  | 38.6   |       |       |
| 65      | 25.0 | 17.9  | 26.9   |       |       |
| 92      | 18.1 | 10.5  | 15.7   |       |       |

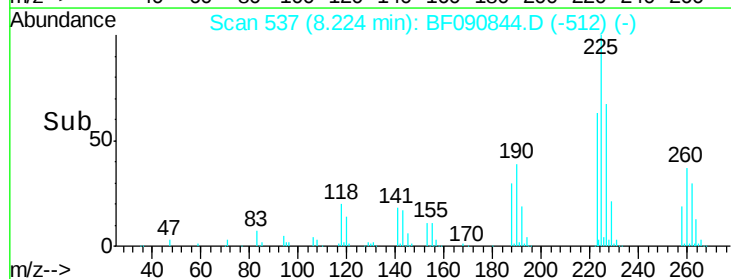
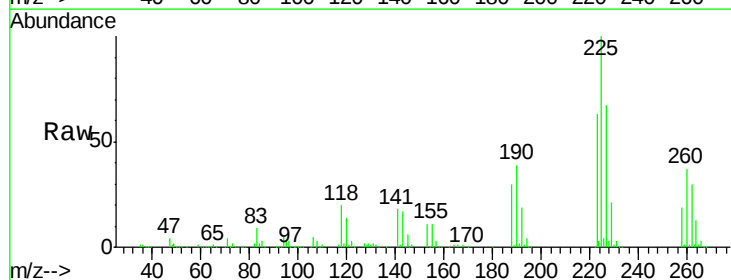
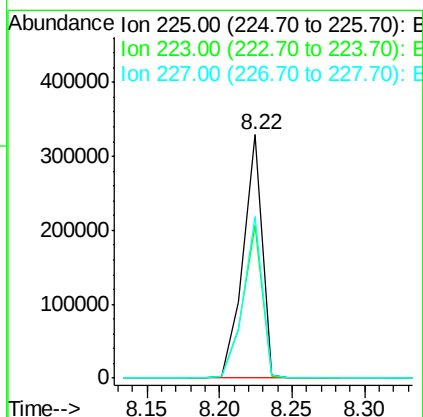
Manual Integrations  
APPROVED

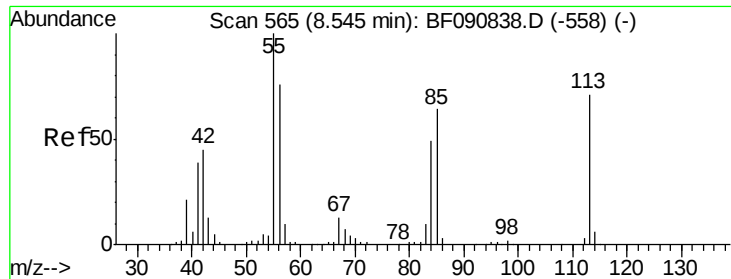
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#34  
Hexachlorobutadiene  
Concen: 43.45 ng  
RT: 8.22 min Scan# 537  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 302540 |       |       |
| 223     | 62.5 | 50.2  | 75.2   |       |       |
| 227     | 66.6 | 52.2  | 78.2   |       |       |





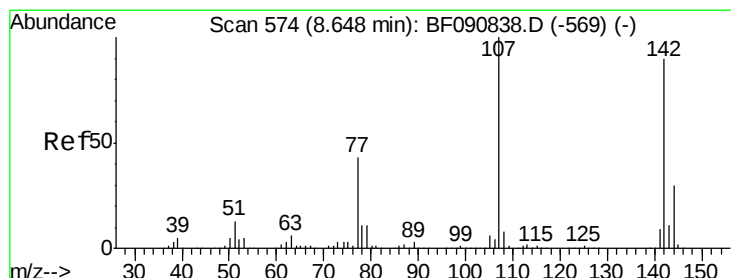
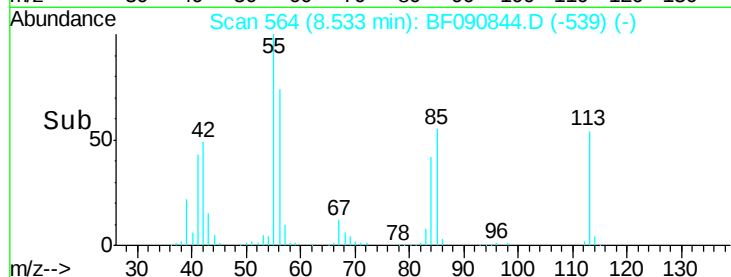
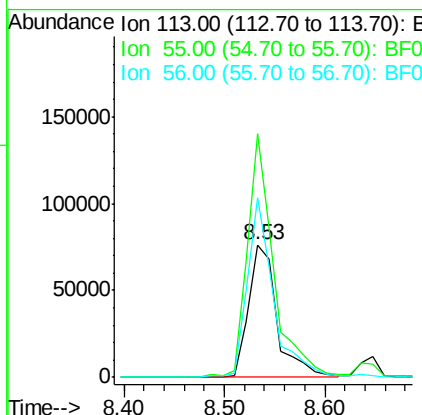
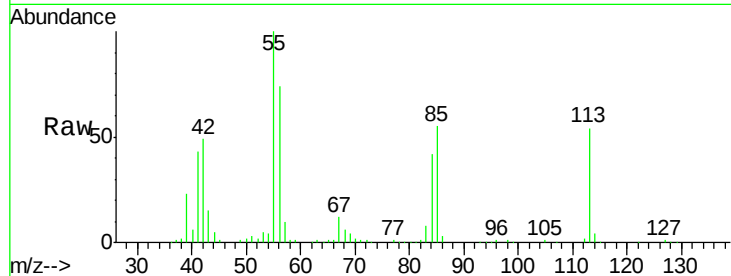
#35  
Caprolactam  
Concen: 47.36 ng  
RT: 8.53 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 183.6 | 152.4 | 192.4 |
| 56      | 135.7 | 104.6 | 144.6 |

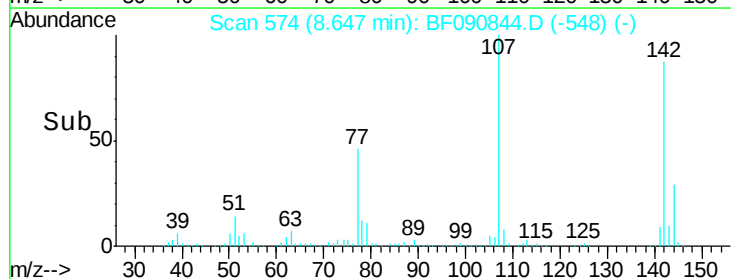
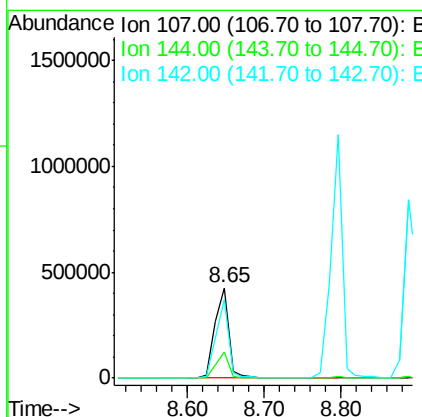
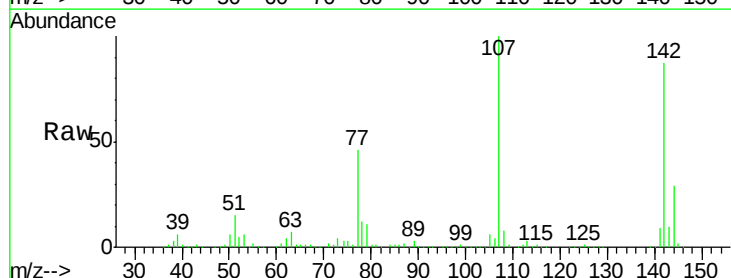
Manual Integrations  
APPROVED

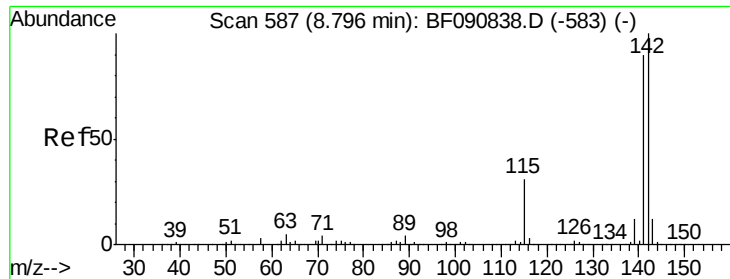
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#36  
4-Chloro-3-methylphenol  
Concen: 48.01 ng  
RT: 8.65 min Scan# 574  
Delta R.T. -0.00 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.6  | 25.4  | 38.0  |
| 142     | 87.3  | 77.3  | 115.9 |





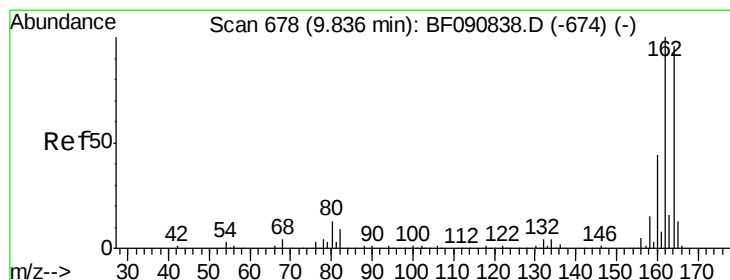
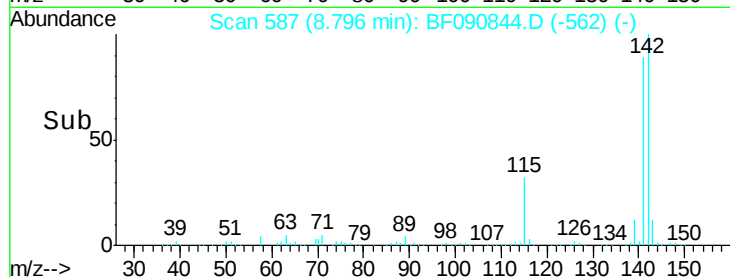
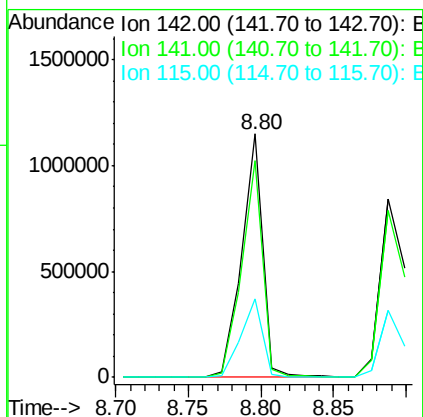
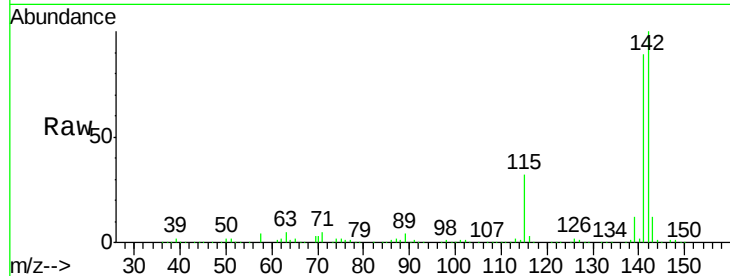
#37  
2-Methylnaphthalene  
Concen: 48.51 ng  
RT: 8.80 min Scan# 587  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 67.5  | 101.3 |
| 115     | 32.2  | 18.2  | 27.2  |

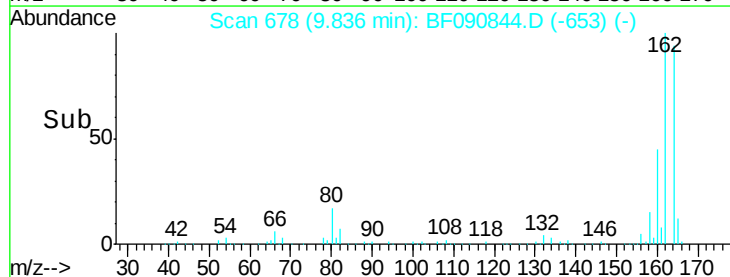
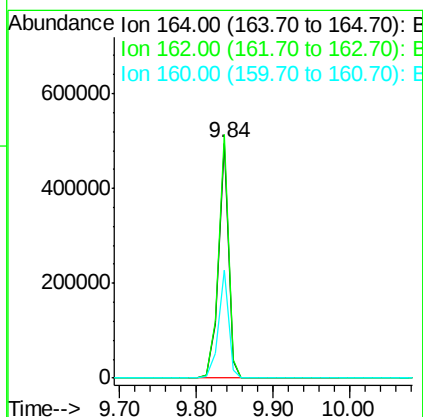
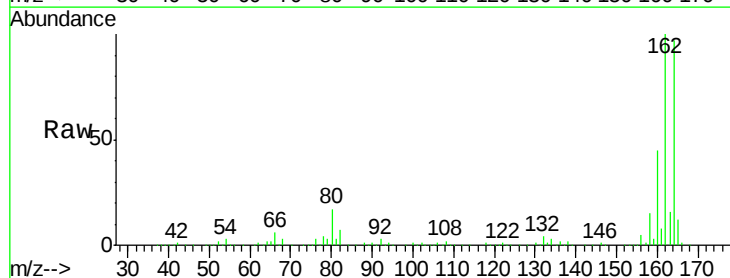
Manual Integrations  
APPROVED

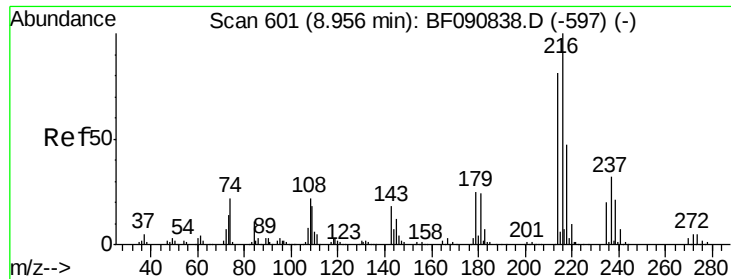
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.84 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.6 | 75.2  | 112.8 |
| 160     | 46.1  | 31.5  | 47.3  |





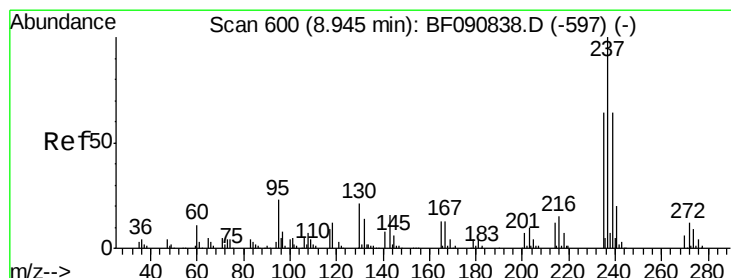
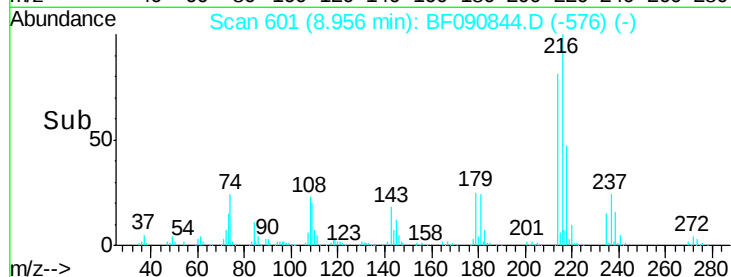
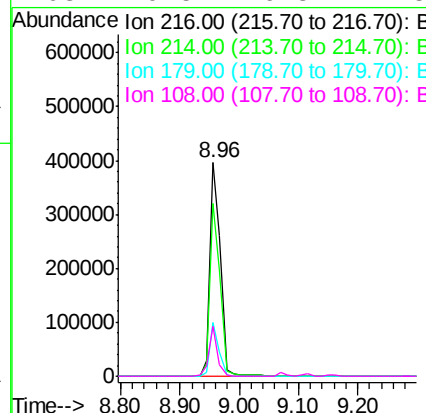
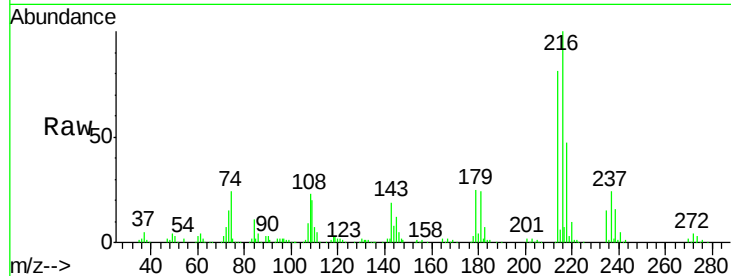
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.71 ng  
 RT: 8.96 min Scan# 601  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 491286  | 216 | 100   |      |       |       |
|         | 214 | 78.8  | 63.5 | 95.3  |       |
|         | 179 | 22.0  | 16.6 | 24.8  |       |
|         | 108 | 19.5  | 16.3 | 24.5  |       |

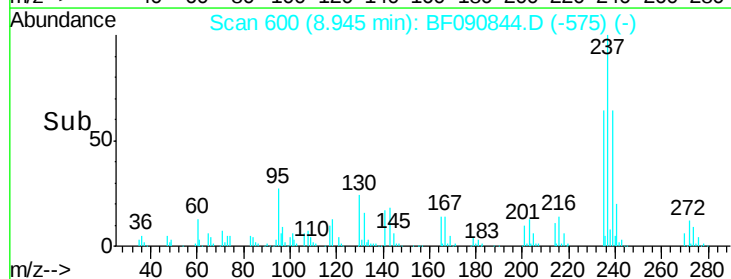
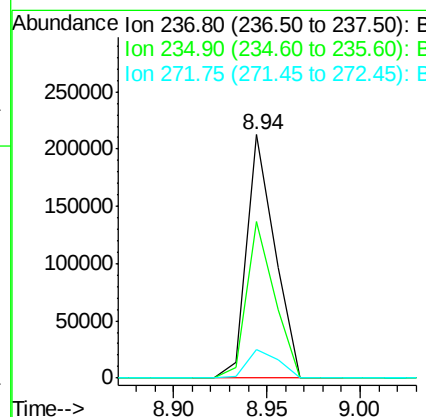
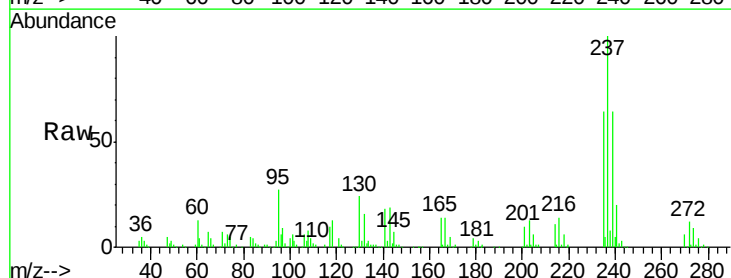
Manual Integrations  
 APPROVED

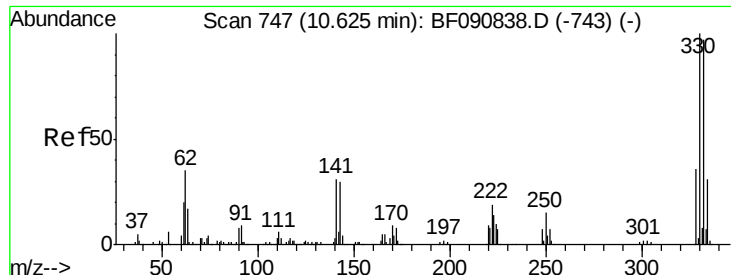
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#40  
 Hexachlorocyclopentadiene  
 Concen: 38.99 ng  
 RT: 8.94 min Scan# 600  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 221913  | 237 | 100   |      |       |       |
|         | 235 | 64.3  | 42.0 | 82.0  |       |
|         | 272 | 11.6  | 0.0  | 36.1  |       |





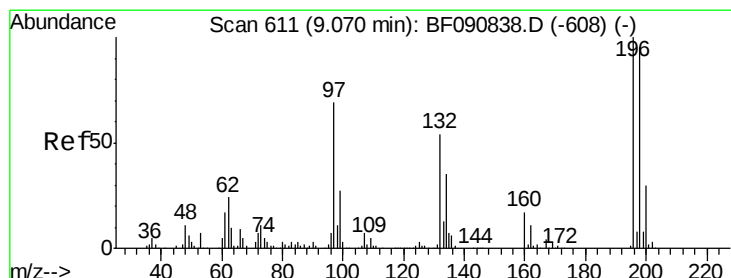
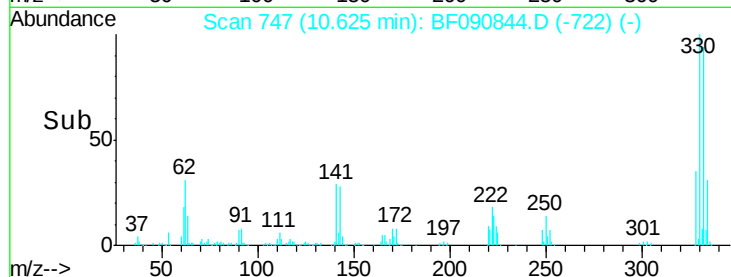
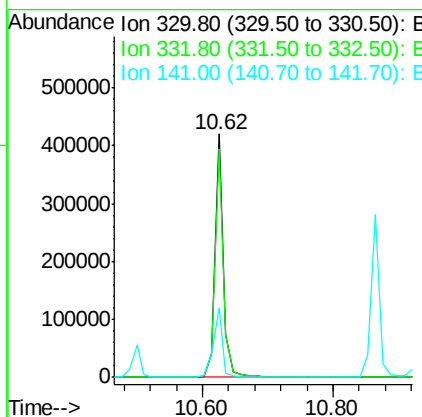
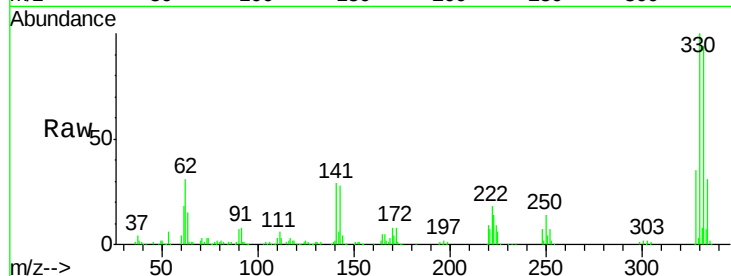
#41  
 2,4,6-Tribromophenol  
 Concen: 83.37 ng  
 RT: 10.62 min Scan# 747  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 386352 |       |       |
| 332     | 95.4  | 76.6   | 114.8 |       |
| 141     | 30.8  | 29.7   | 44.5  |       |

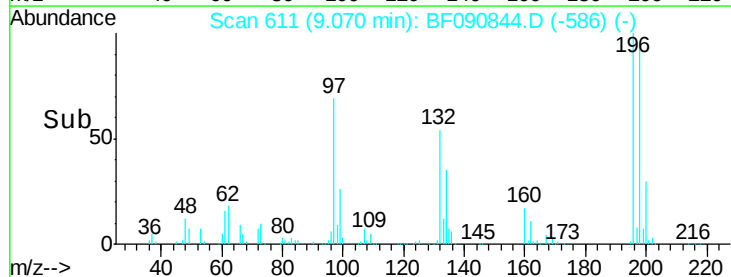
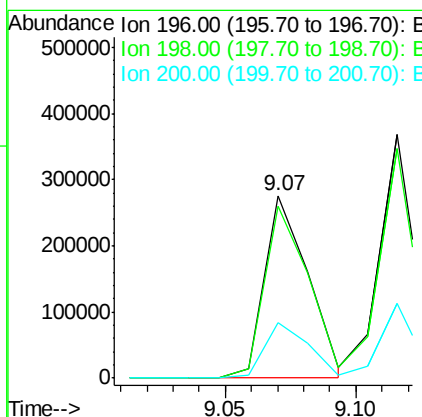
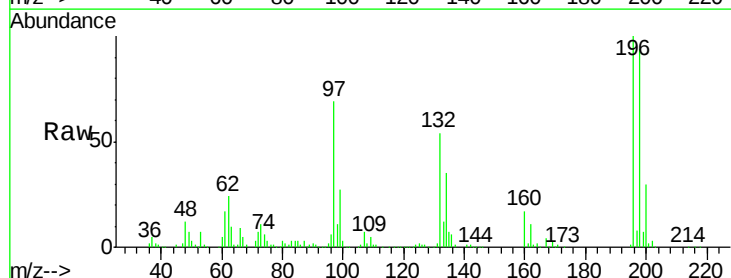
Manual Integrations  
 APPROVED

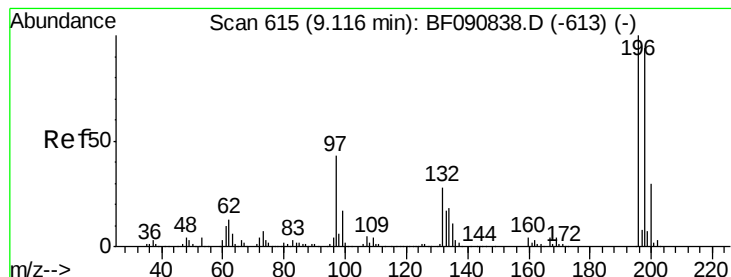
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#42  
 2,4,6-Trichlorophenol  
 Concen: 40.28 ng  
 RT: 9.07 min Scan# 611  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 321718 |       |       |
| 198     | 94.2  | 75.7   | 113.5 |       |
| 200     | 30.2  | 23.9   | 35.9  |       |





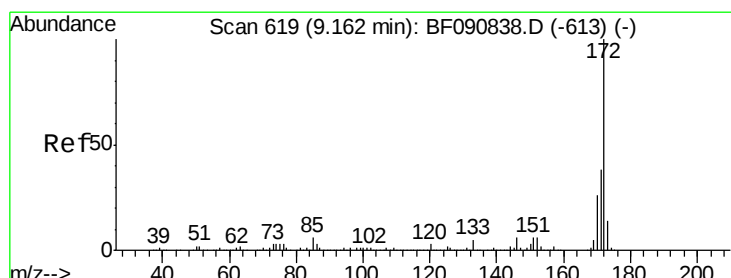
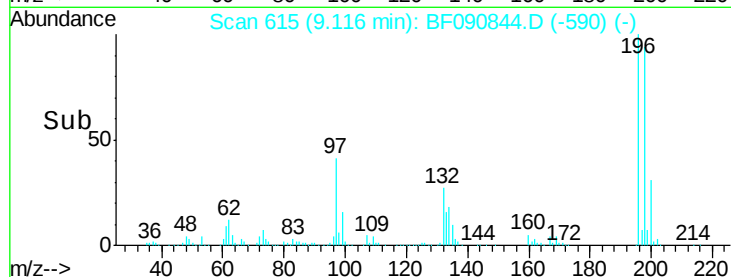
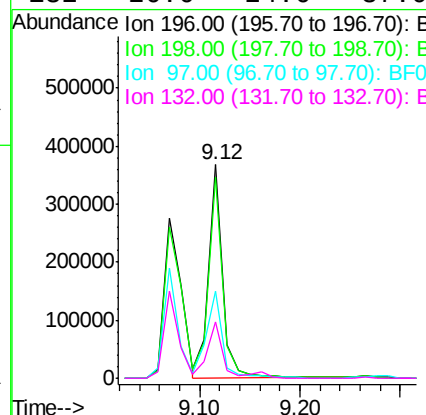
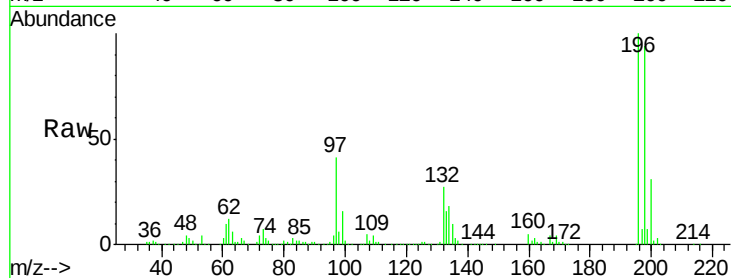
#43  
2,4,5-Trichlorophenol  
Concen: 43.38 ng  
RT: 9.12 min Scan# 615  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 356821 |       |       |
| 198     | 94.1  | 75.4   | 113.0 |       |
| 97      | 40.7  | 33.3   | 49.9  |       |
| 132     | 26.6  | 24.6   | 37.0  |       |

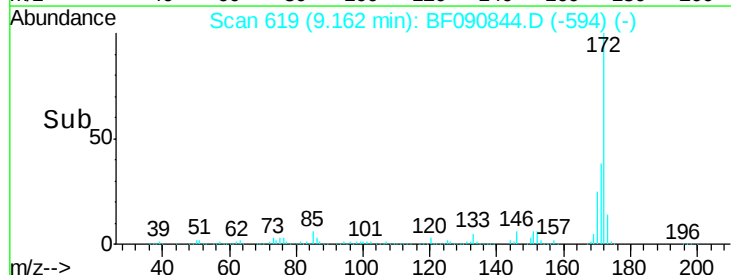
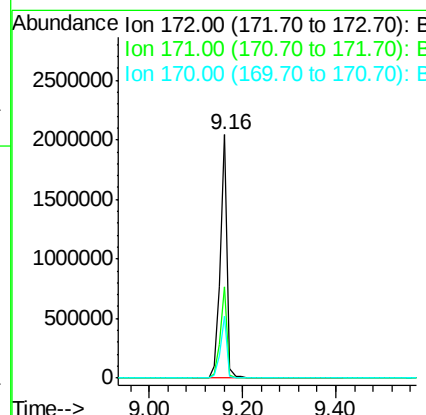
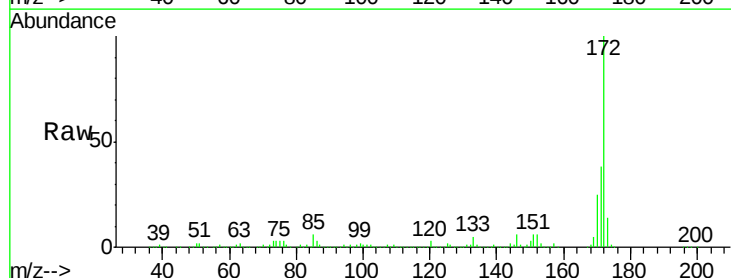
Manual Integrations  
APPROVED

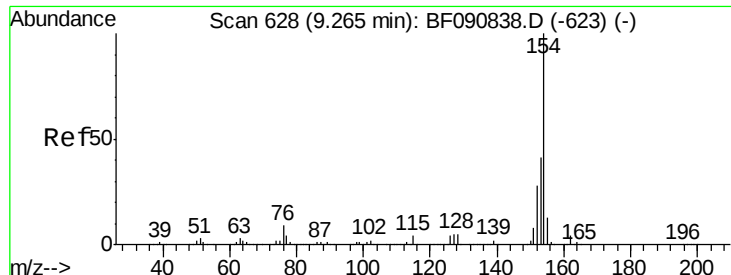
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#44  
2-Fluorobiphenyl  
Concen: 81.91 ng  
RT: 9.16 min Scan# 619  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2103446 |       |       |
| 171     | 37.7  | 26.1    | 39.1  |       |
| 170     | 25.3  | 17.4    | 26.2  |       |





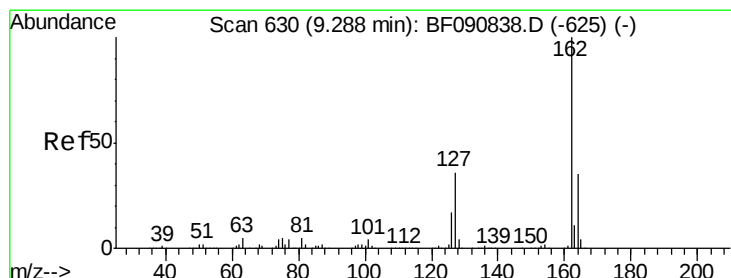
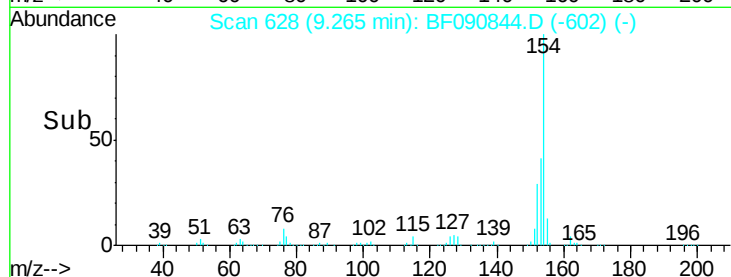
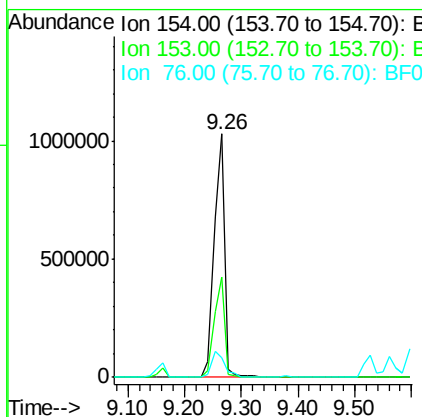
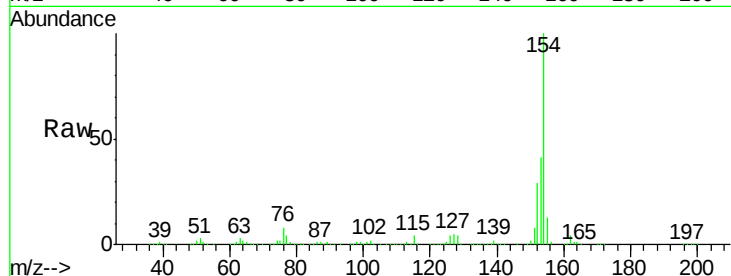
#45  
 1,1'-Biphenyl  
 Concen: 39.49 ng  
 RT: 9.26 min Scan# 628  
 Delta R.T. -0.00 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.3  | 17.1  | 57.1  |
| 76      | 8.2   | 0.0   | 31.6  |

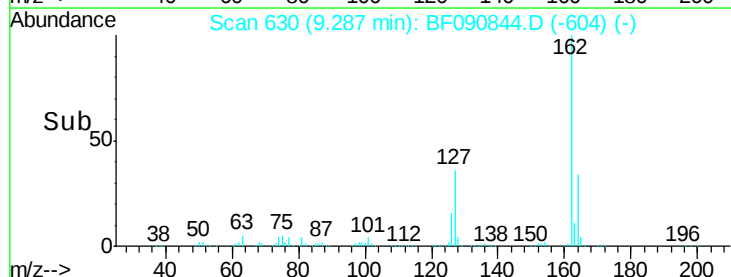
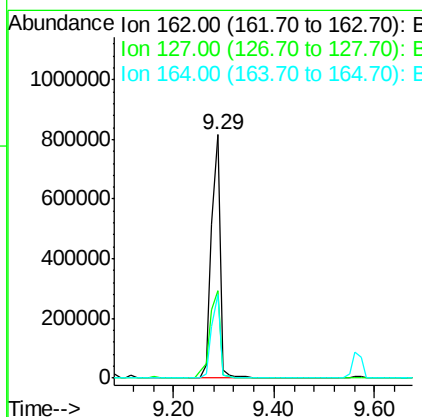
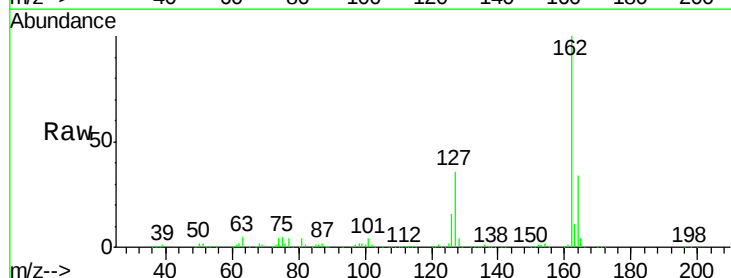
Manual Integrations  
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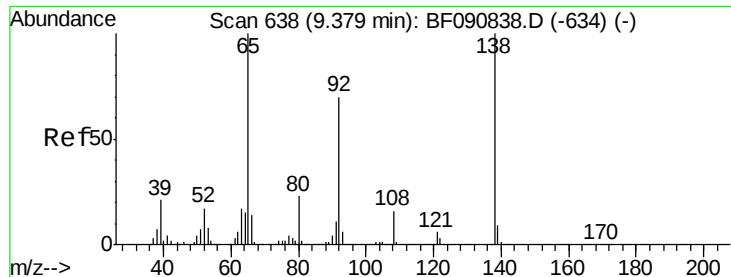
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#46  
 2-Chloronaphthalene  
 Concen: 40.62 ng  
 RT: 9.29 min Scan# 630  
 Delta R.T. -0.00 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.8  | 27.6  | 41.4  |
| 164     | 34.4  | 25.4  | 38.2  |





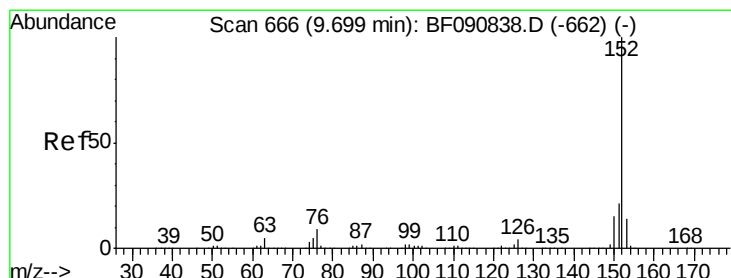
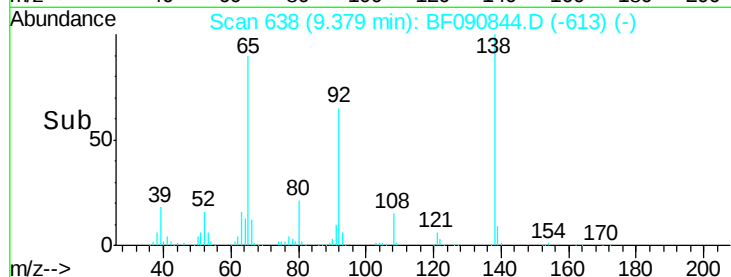
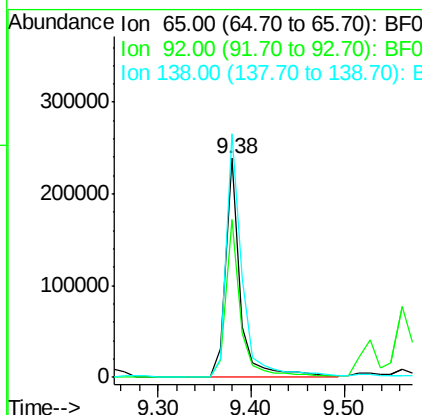
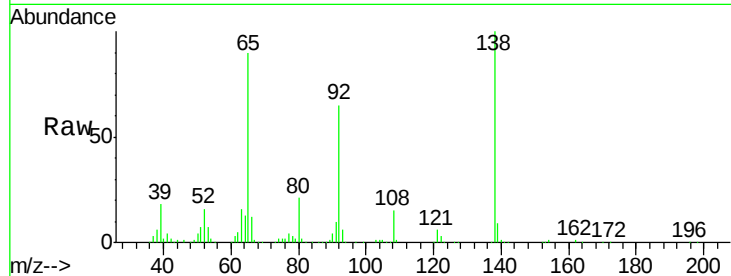
#47  
2-Nitroaniline  
Concen: 37.51 ng  
RT: 9.38 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 72.0  | 55.4  | 83.0   |
| 138     | 111.1 | 115.5 | 173.3# |

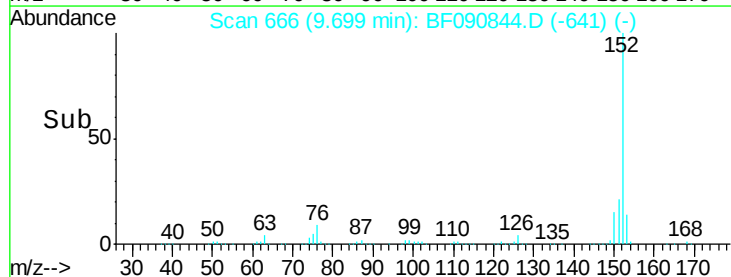
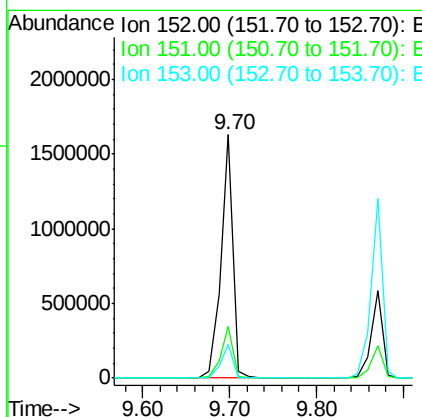
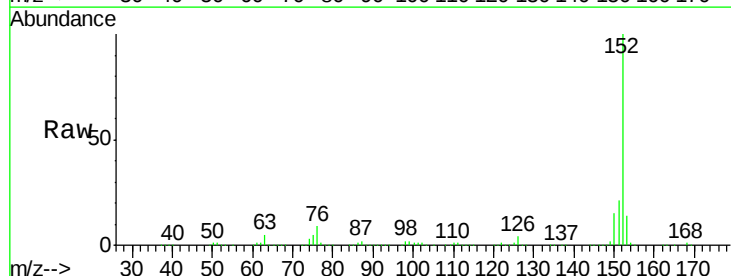
Manual Integrations  
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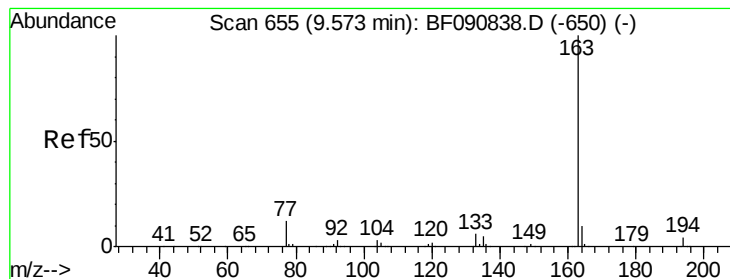
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#48  
Acenaphthylene  
Concen: 42.31 ng  
RT: 9.70 min Scan# 666  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.2  | 14.6  | 22.0  |
| 153     | 13.7  | 10.3  | 15.5  |





#49

Dimethylphthalate

Concen: 38.59 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:163 Resp: 1162619

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

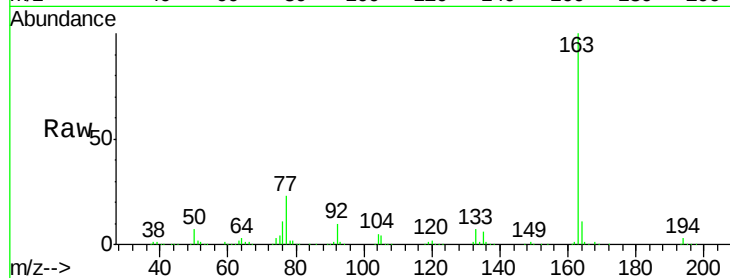
164 10.8 8.3 12.5

Manual Integrations

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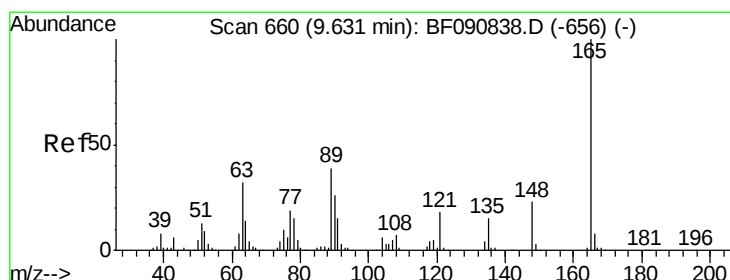
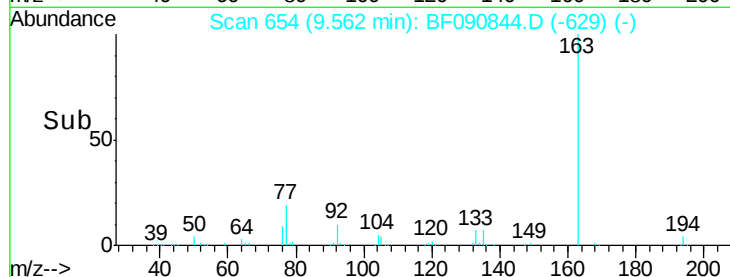
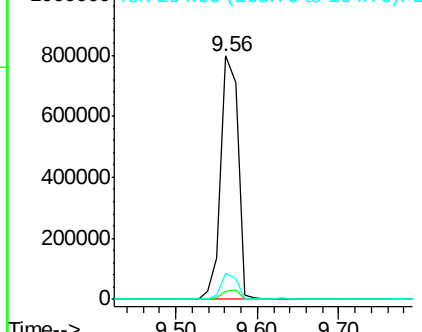
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.31 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

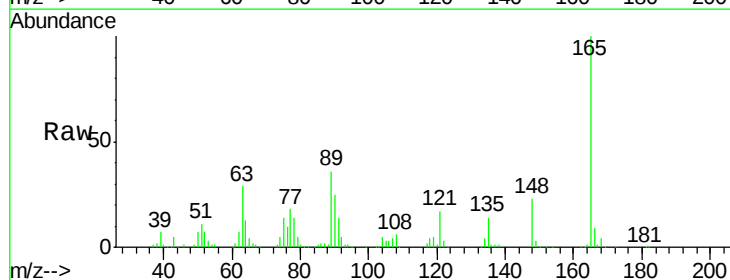
Tgt Ion:165 Resp: 281537

Ion Ratio Lower Upper

165 100

63 28.7 32.3 48.5#

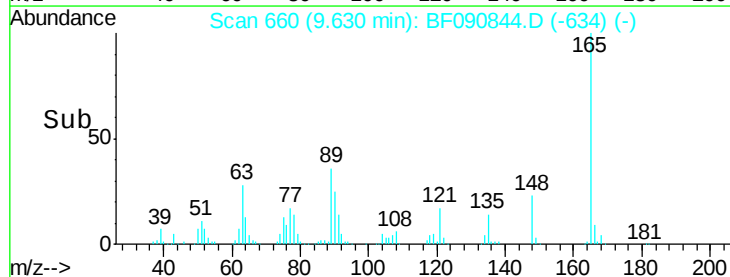
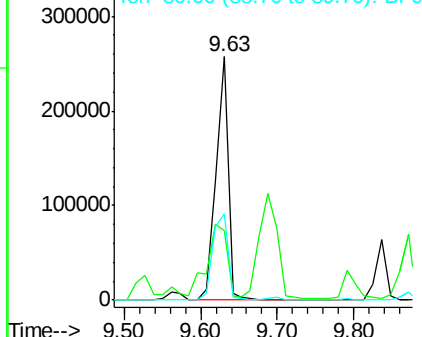
89 35.6 28.6 43.0

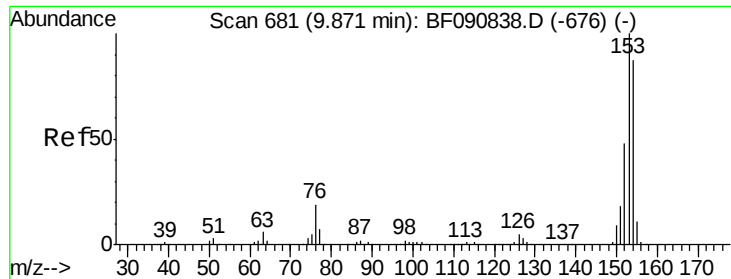


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.42 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1041389

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

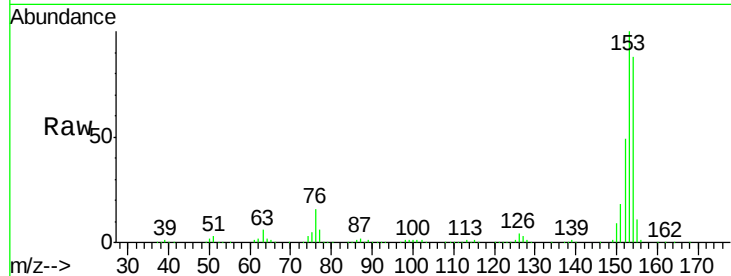
152 55.3 37.9 56.9

Manual Integrations

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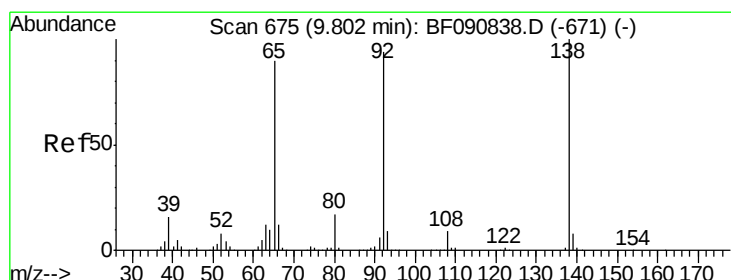
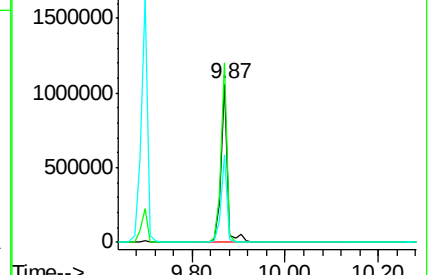
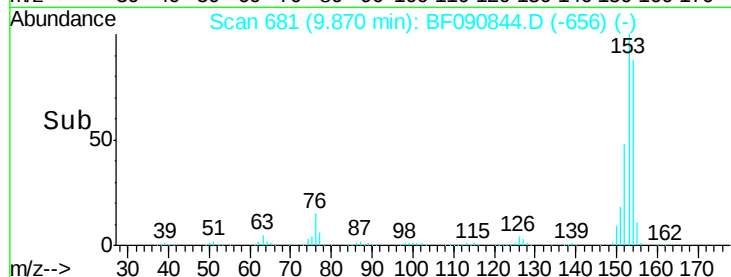
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.83 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

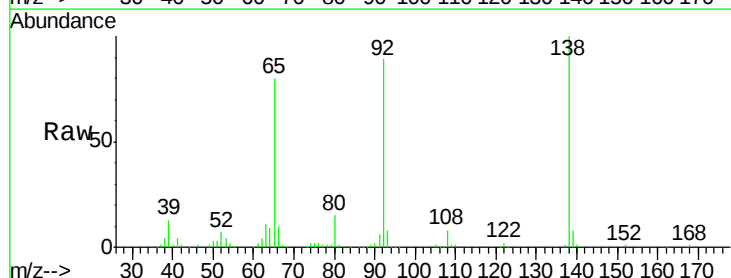
Tgt Ion:138 Resp: 275079

Ion Ratio Lower Upper

138 100

108 8.2 5.7 8.5

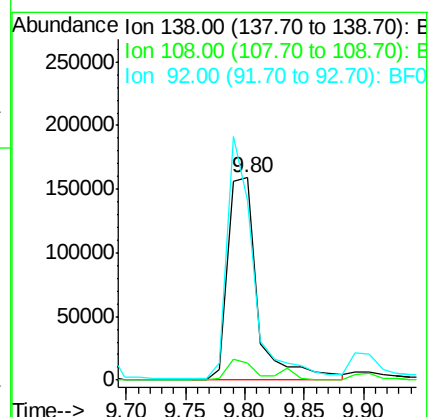
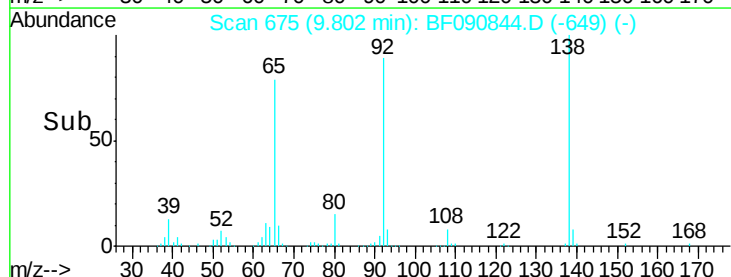
92 88.6 67.7 101.5

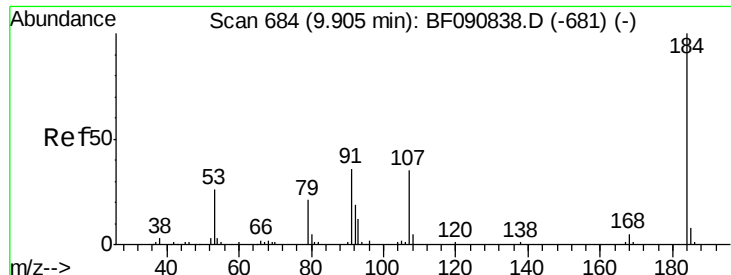


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





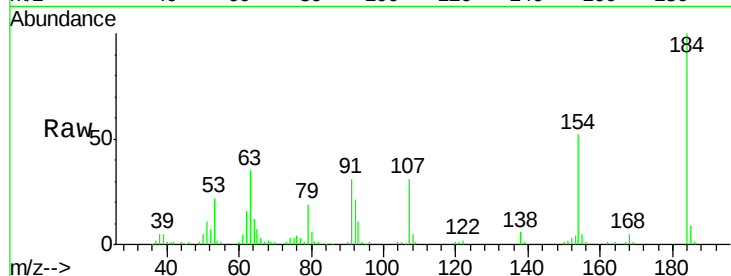
#53  
2,4-Dinitrophenol  
Concen: 39.22 ng  
RT: 9.90 min Scan# 684  
Delta R.T. -0.00 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

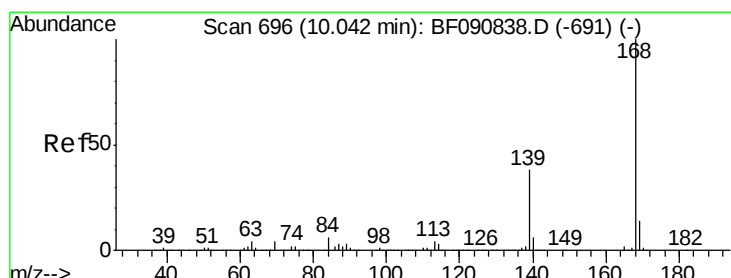
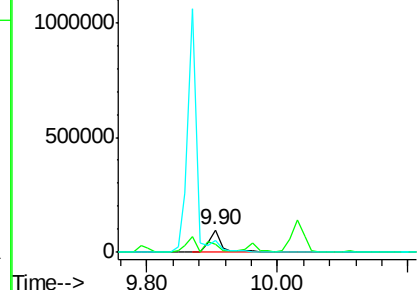
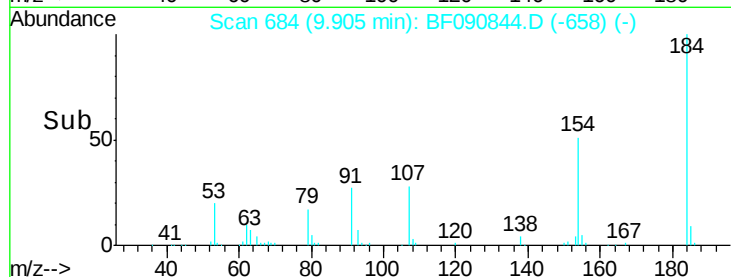
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 137380 |       |       |
| 63      | 34.6  | 35.4   | 53.2# |       |
| 154     | 52.1  | 32.2   | 48.4# |       |

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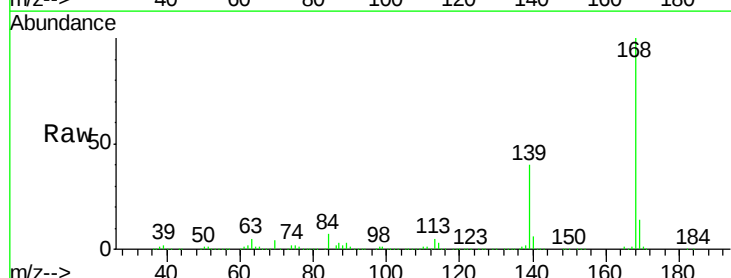


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

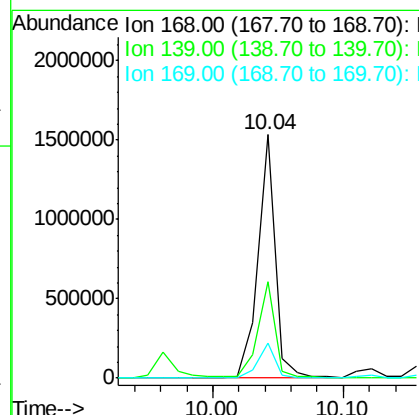
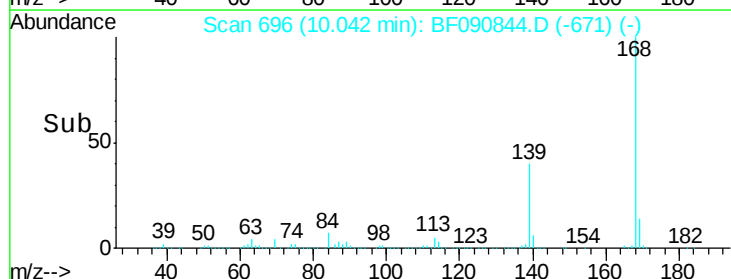


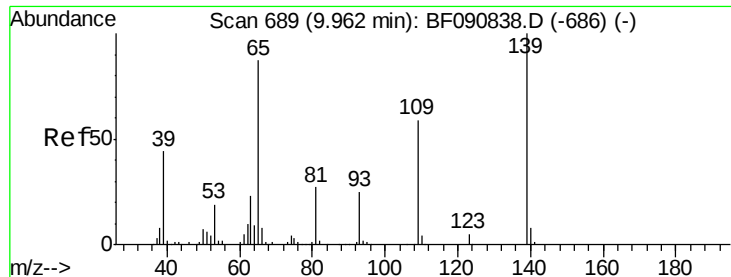
#54  
Dibenzofuran  
Concen: 42.68 ng  
RT: 10.04 min Scan# 696  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1419180 |       |       |
| 139     | 39.6  | 24.2    | 36.2# |       |
| 169     | 14.3  | 10.6    | 15.8  |       |



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: 42.66 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

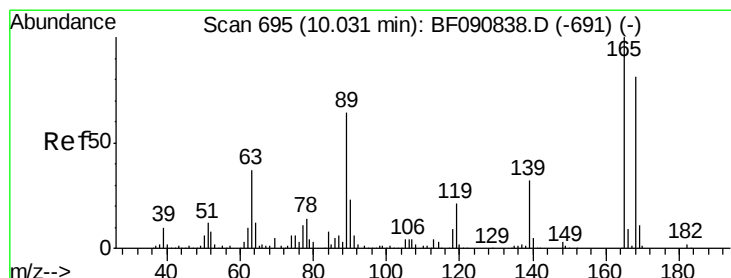
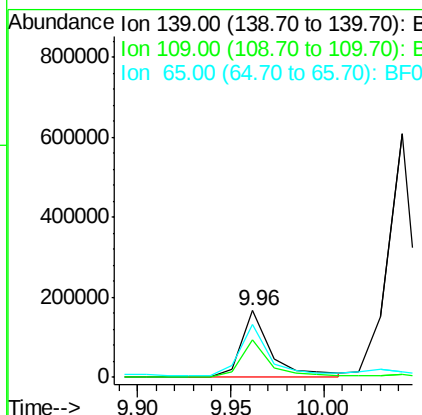
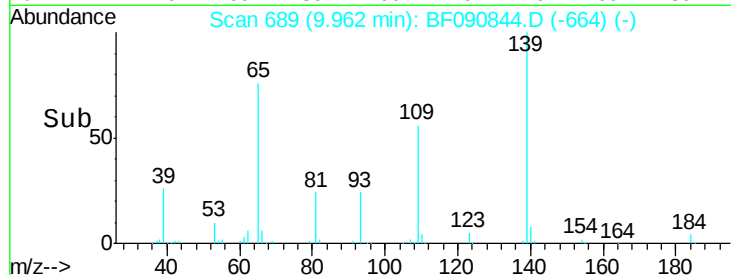
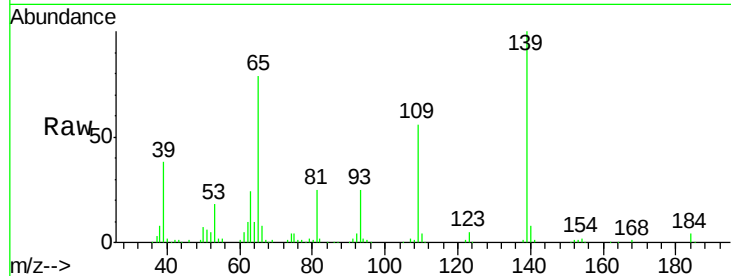
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 184282 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 56.0  | 12.7  | 52.7#  |
| 65        | 78.6  | 45.9  | 85.9   |

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#56

2,4-Dinitrotoluene

Concen: 44.54 ng

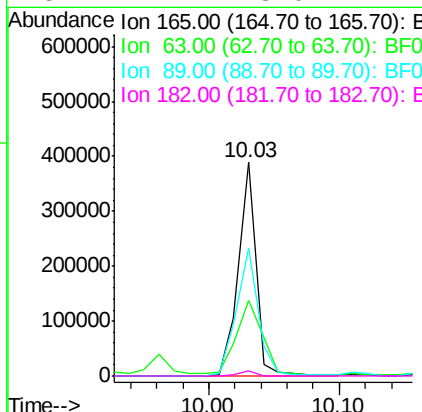
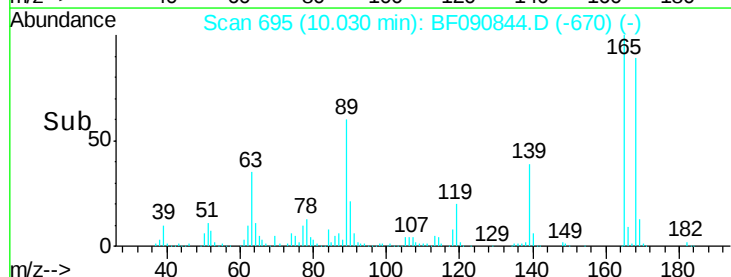
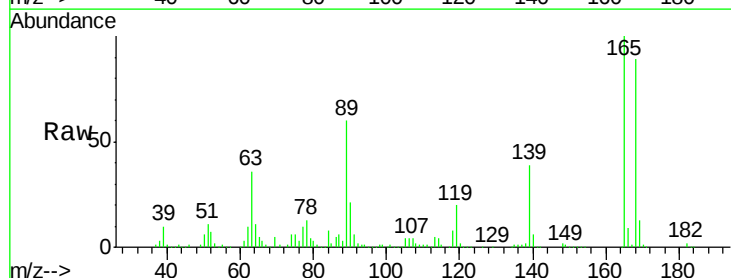
RT: 10.03 min Scan# 695

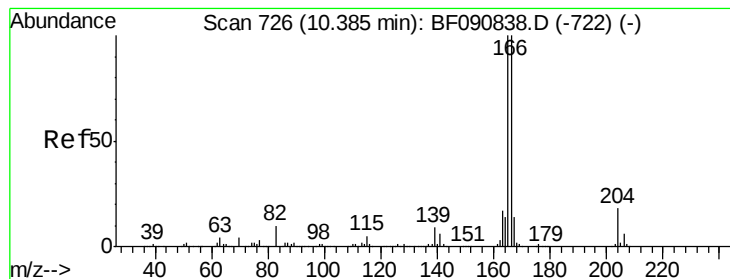
Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 368157 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 35.5  | 29.8  | 44.6   |
| 89        | 59.9  | 44.5  | 66.7   |
| 182       | 2.4   | 3.0   | 4.4#   |





#57

Fluorene

Concen: 41.33 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1125622

Ion Ratio Lower Upper

166 100

165 99.0 72.6 109.0

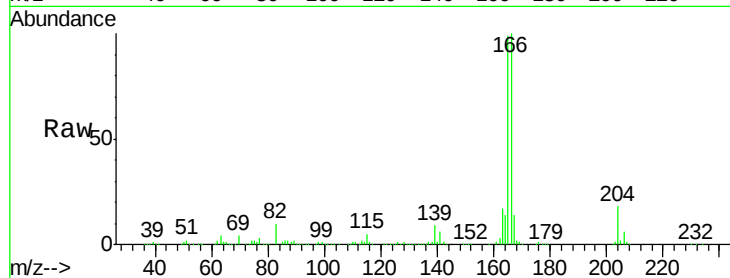
167 13.9 10.6 16.0

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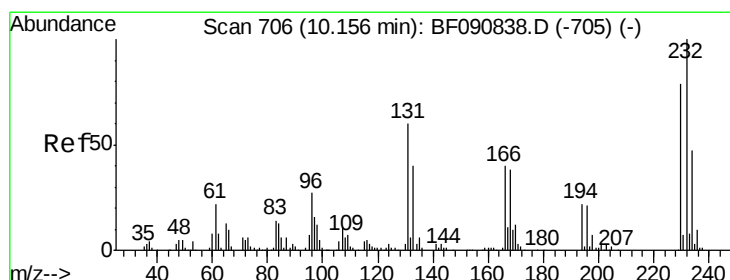
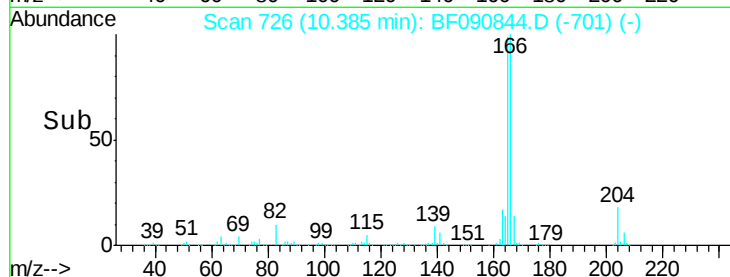
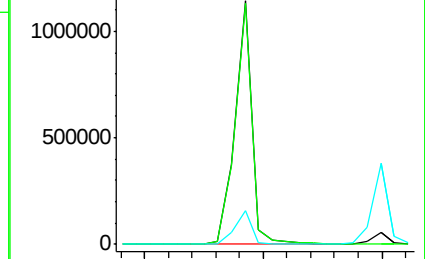
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.19 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Tgt Ion:232 Resp: 287868

Ion Ratio Lower Upper

232 100

131 43.1 38.5 57.7

130 1.9 1.8 2.6

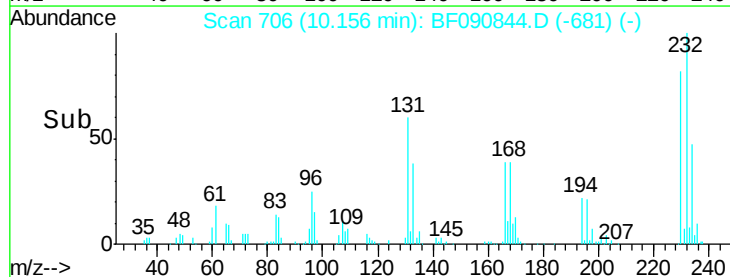
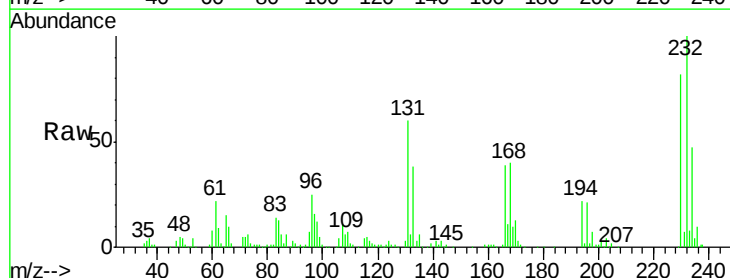
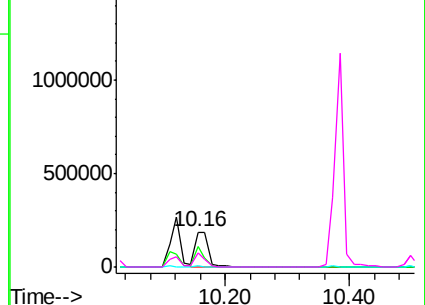
166 29.6 25.0 37.6

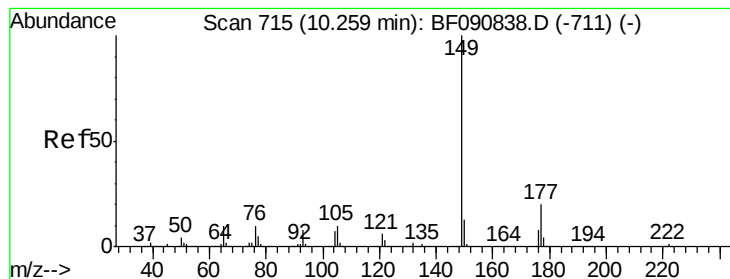
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.68 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1127658

Ion Ratio Lower Upper

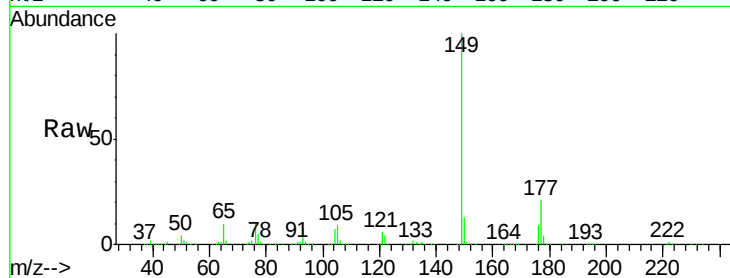
149 100

177 21.2 17.5 26.3

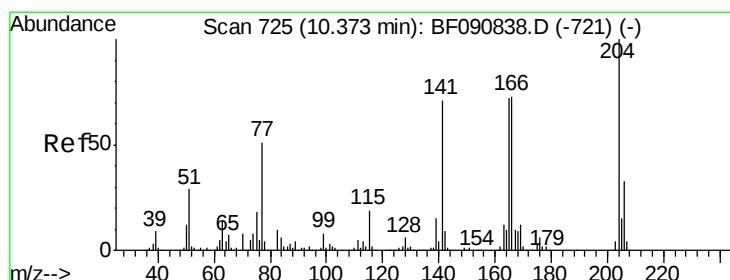
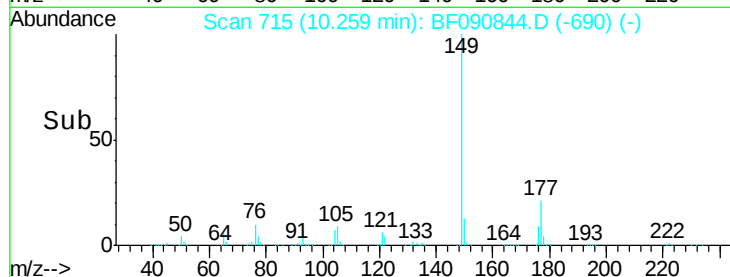
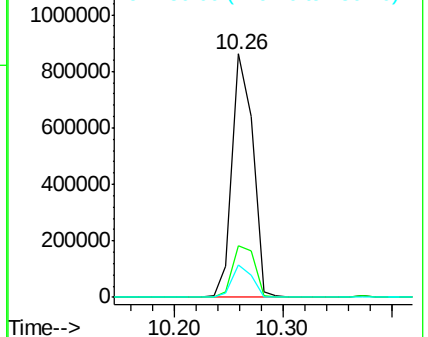
150 13.1 9.4 14.2

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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: 38.02 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

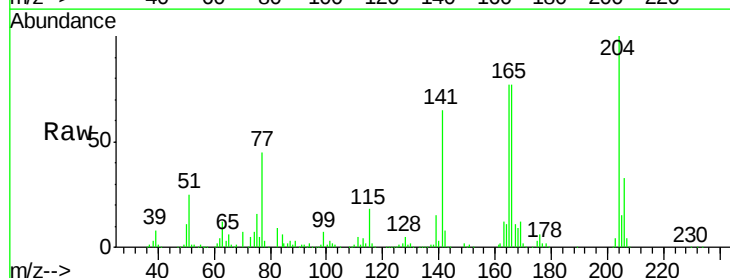
Tgt Ion:204 Resp: 505495

Ion Ratio Lower Upper

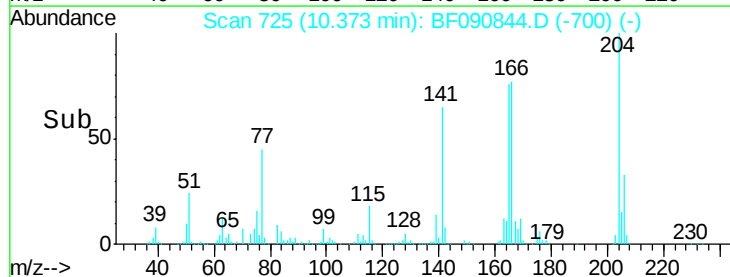
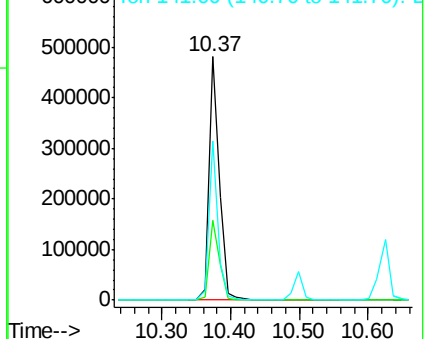
204 100

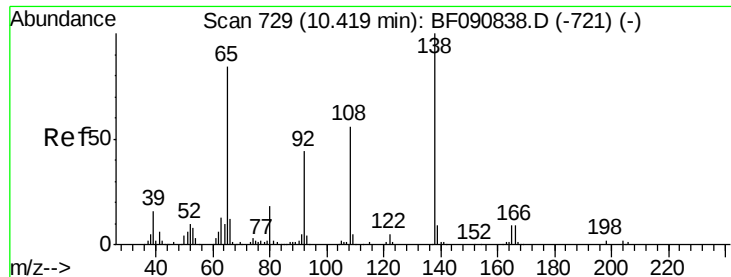
206 32.6 24.8 37.2

141 65.2 42.2 63.4#



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: 46.12 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 138 Resp: 323568

Ion Ratio Lower Upper

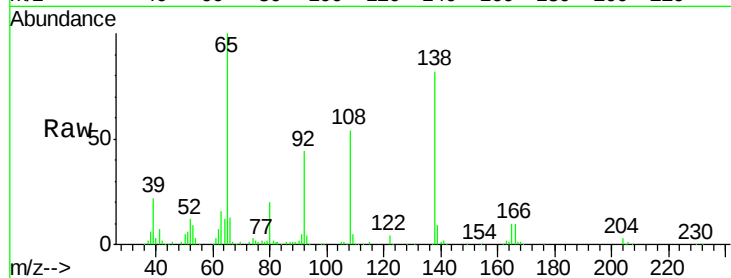
138 100

92 53.9 12.6 52.6#

108 65.0 12.4 52.4#

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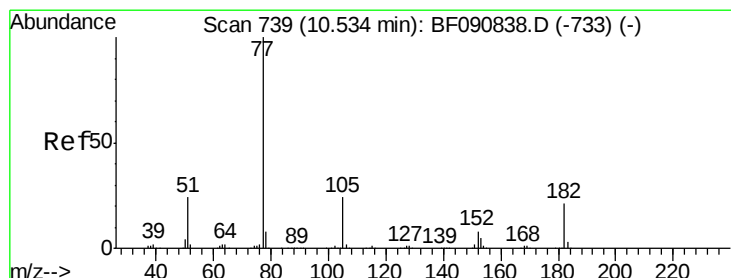
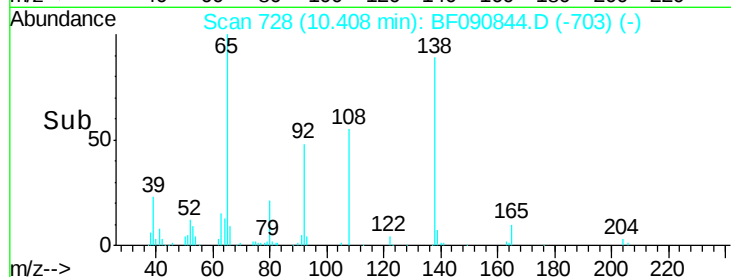
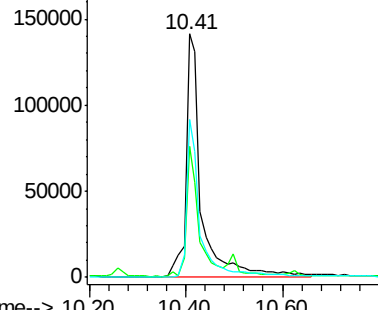
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.65 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Tgt Ion: 77 Resp: 1078370

Ion Ratio Lower Upper

77 100

182 21.4 15.1 55.1

105 24.4 3.4 43.4

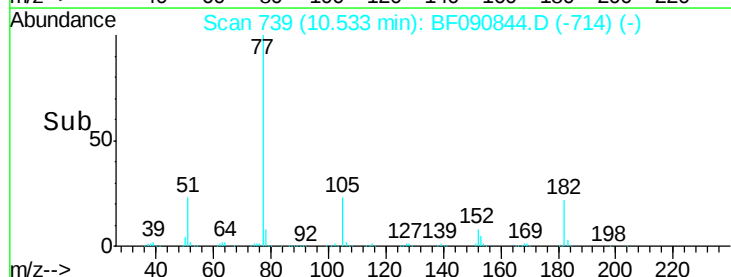
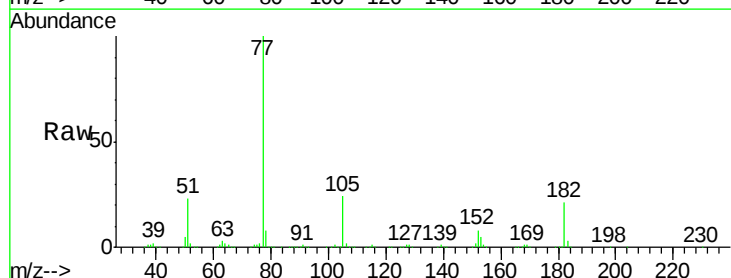
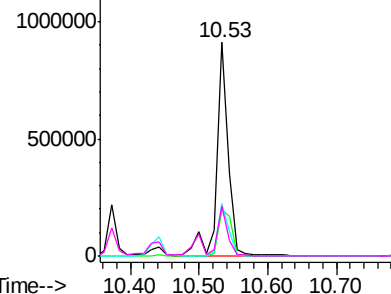
51 23.4 12.0 52.0

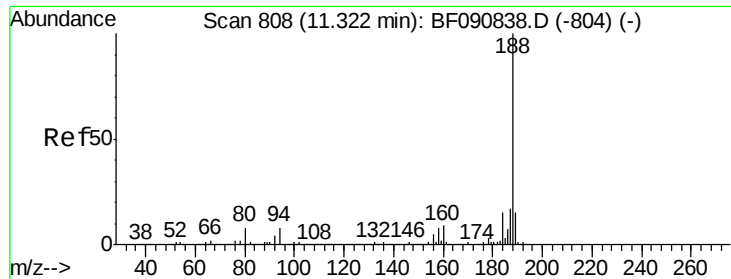
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





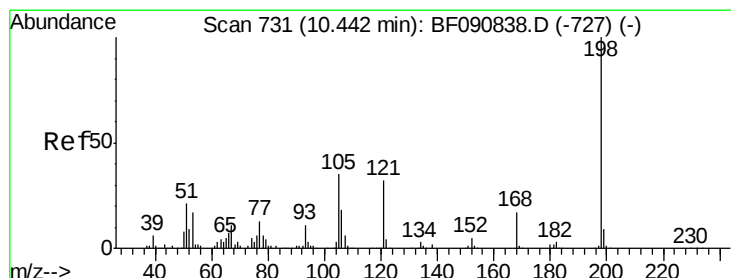
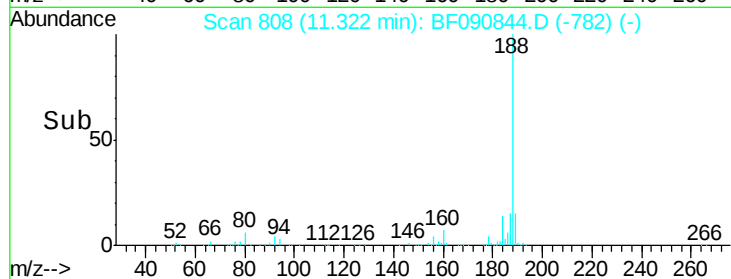
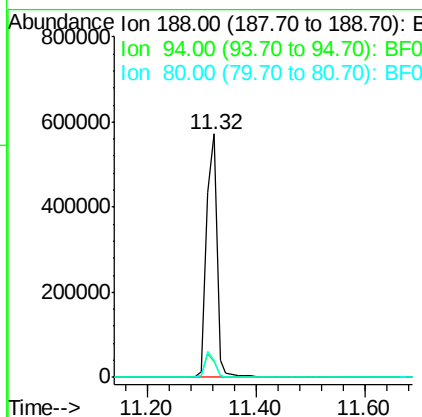
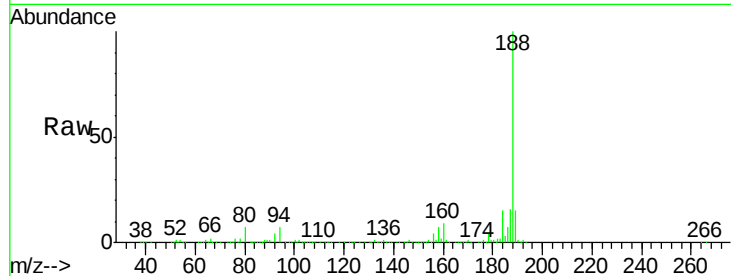
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.32 min Scan# 808  
Delta R.T. -0.00 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 755452 |       |       |
| 94      | 6.7   |        | 11.1  | 16.7# |
| 80      | 6.8   |        | 11.0  | 16.4# |

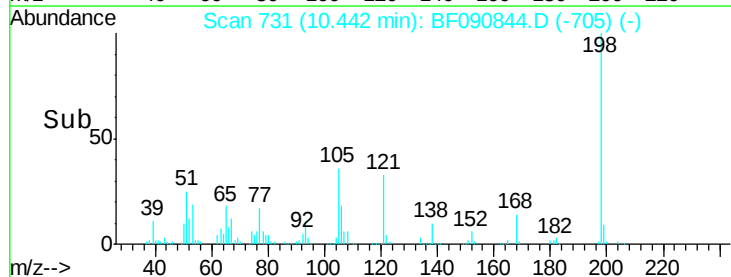
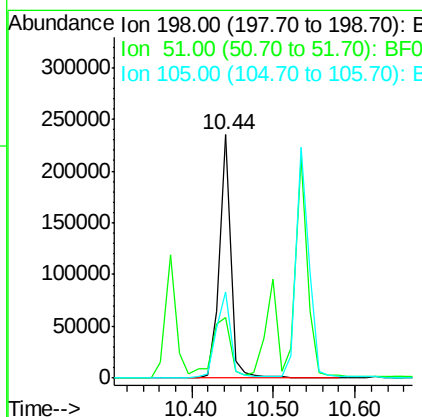
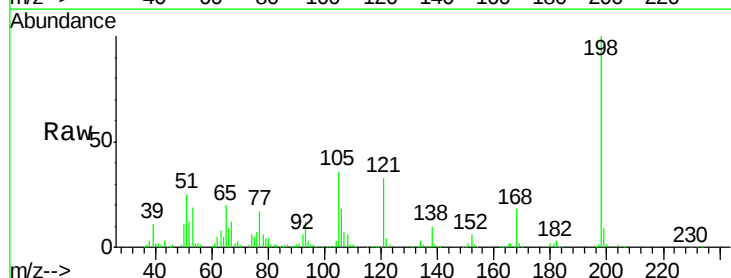
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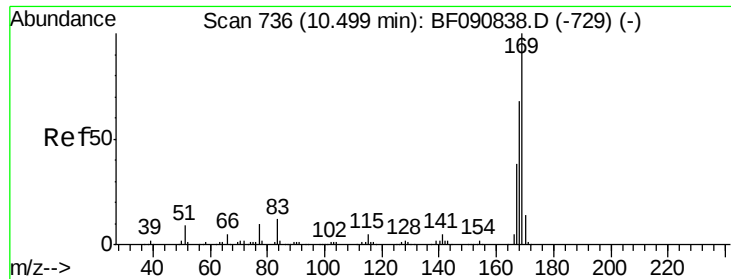
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 46.13 ng  
RT: 10.44 min Scan# 731  
Delta R.T. -0.00 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 231039 |       |       |
| 51      | 24.8  |        | 39.6  | 79.6# |
| 105     | 35.5  |        | 28.5  | 68.5  |





#65

n-Nitrosodiphenylamine

Concen: 41.06 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

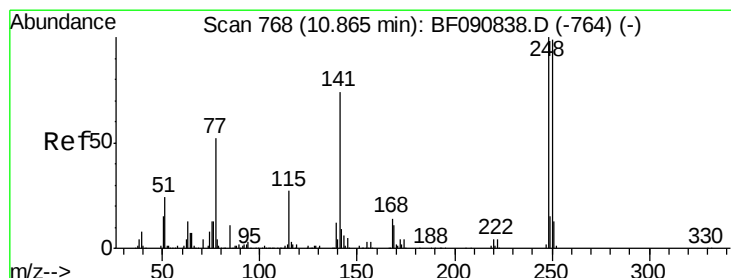
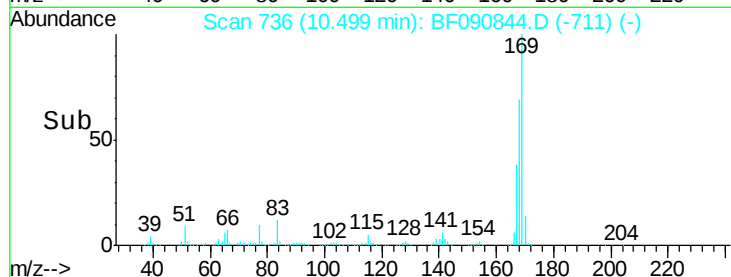
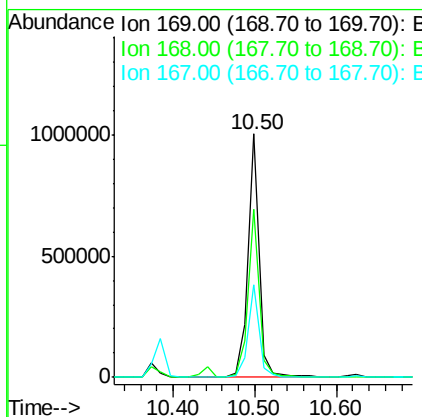
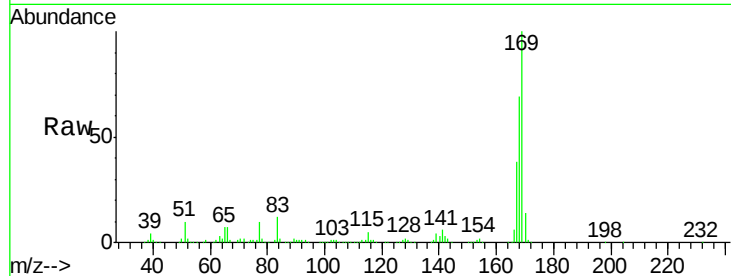
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 950214 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.1  | 48.9  | 73.3   |
| 167       | 37.8  | 26.2  | 39.4   |

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#66

4-Bromophenyl-phenylether

Concen: 41.33 ng

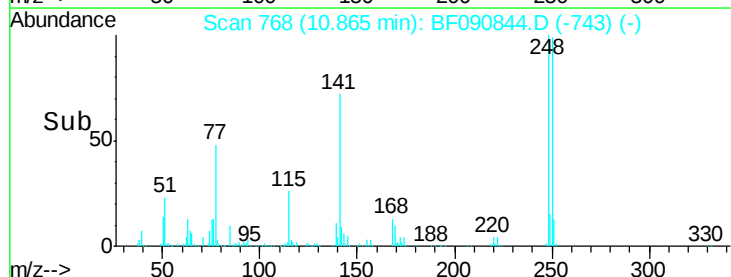
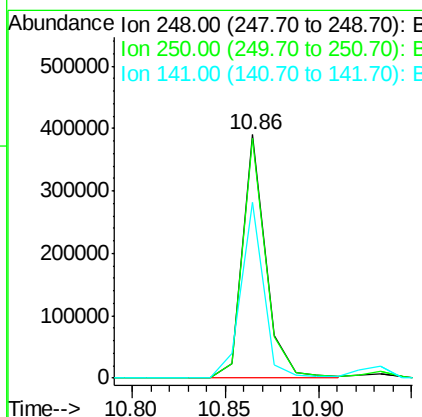
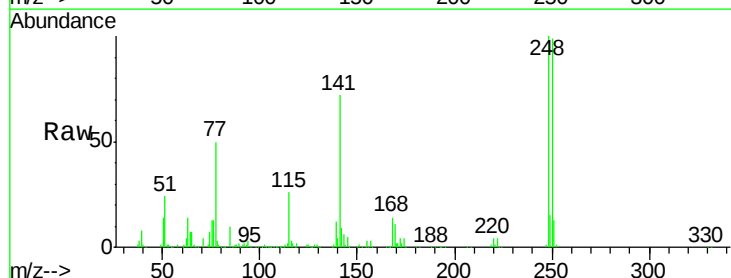
RT: 10.86 min Scan# 768

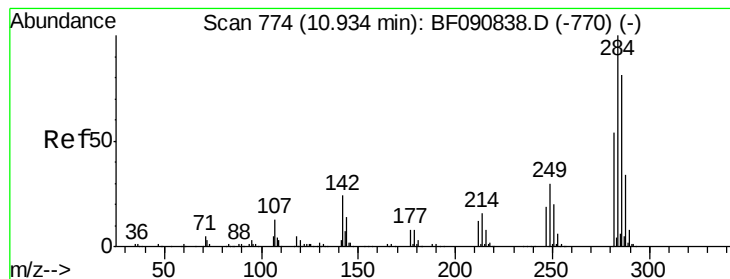
Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 341889 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.6  | 78.5  | 117.7  |
| 141       | 72.3  | 59.0  | 88.6   |





#67

Hexachlorobenzene

Concen: 44.35 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

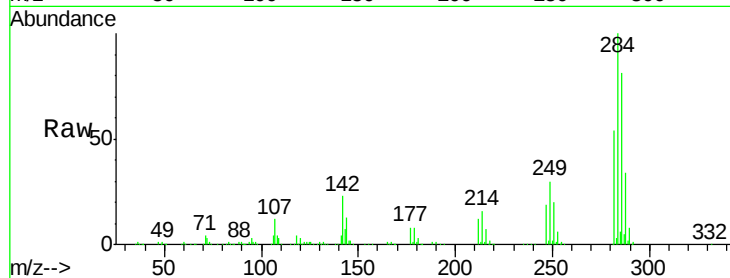
ClientSampleId :

SSTDCCC040

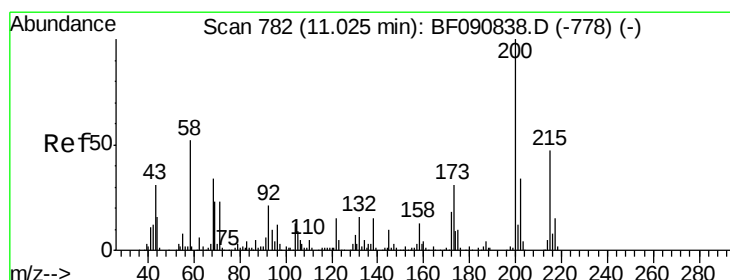
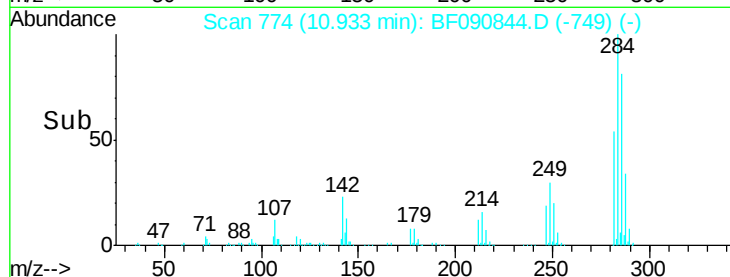
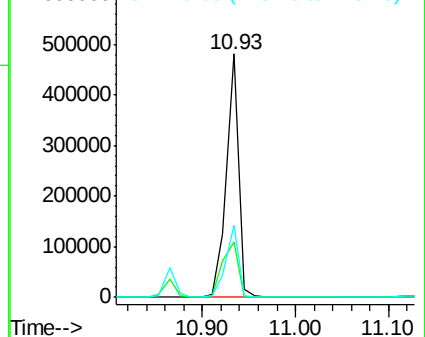
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 434243 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 22.7 | 29.5  | 44.3#  |
| 249       | 29.6 | 19.5  | 29.3#  |

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



#68

Atrazine

Concen: 34.52 ng

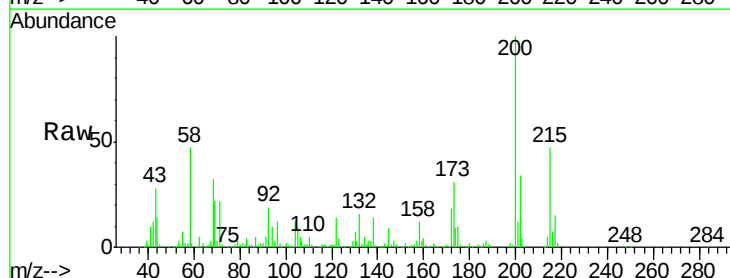
RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

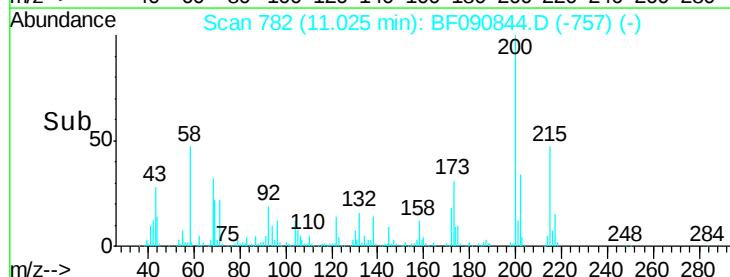
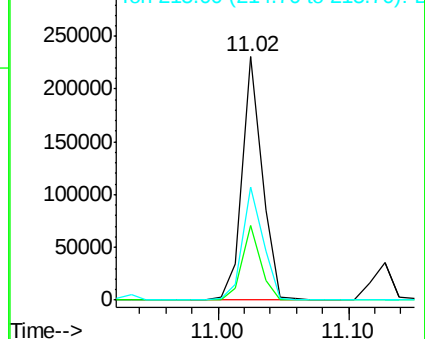
Lab File: BF090844.D

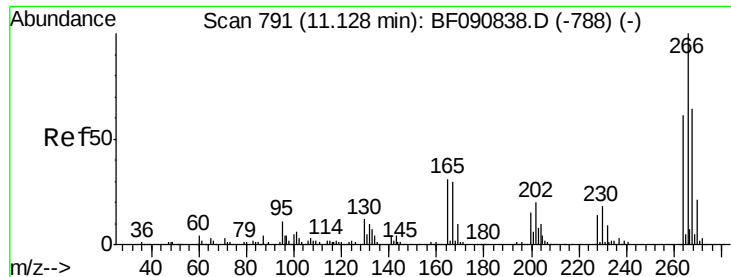
Acq: 26 Oct 2016 16:13

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 247086 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 30.8 | 13.2  | 53.2   |
| 215       | 46.6 | 41.8  | 81.8   |



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





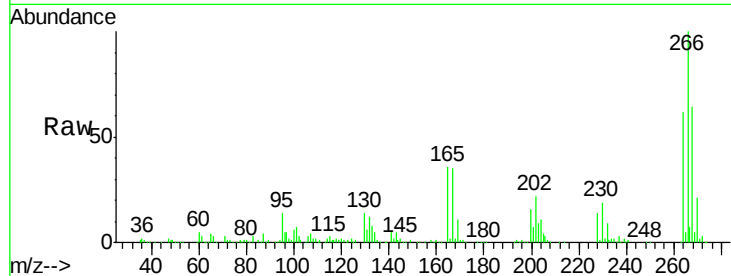
#69  
 Pentachlorophenol  
 Concen: 42.51 ng  
 RT: 11.13 min Scan# 791  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

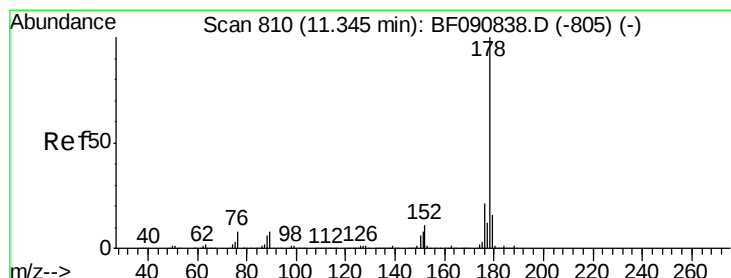
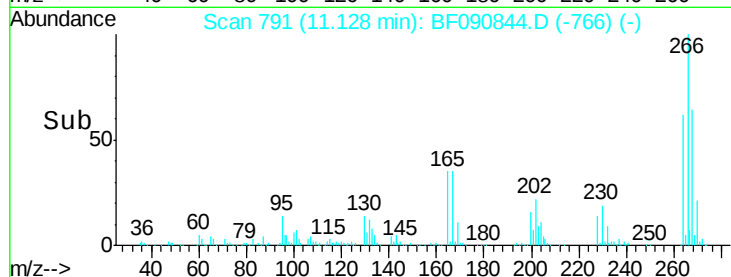
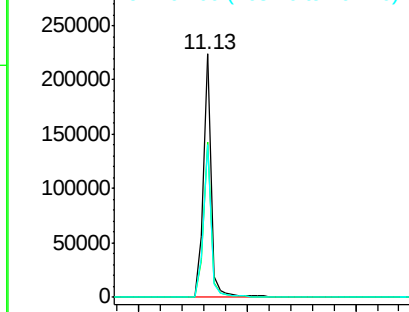
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 223288 |       |       |
| 268     | 63.9  | 49.8   | 74.6  |       |
| 264     | 62.5  | 50.2   | 75.2  |       |

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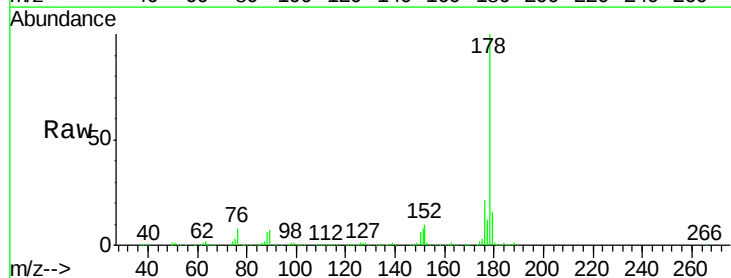


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

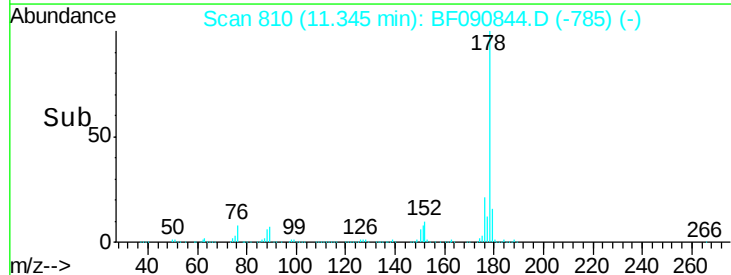
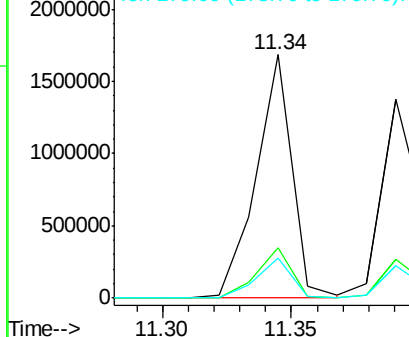


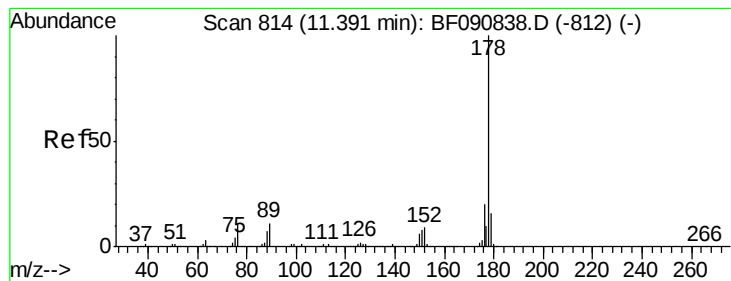
#70  
 Phenanthrene  
 Concen: 42.27 ng m  
 RT: 11.34 min Scan# 810  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1626147 |       |       |
| 176     | 20.8  | 13.8    | 20.8# |       |
| 179     | 16.3  | 12.2    | 18.2  |       |



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





#71

Anthracene

Concen: 37.71 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1527819

Ion Ratio Lower Upper

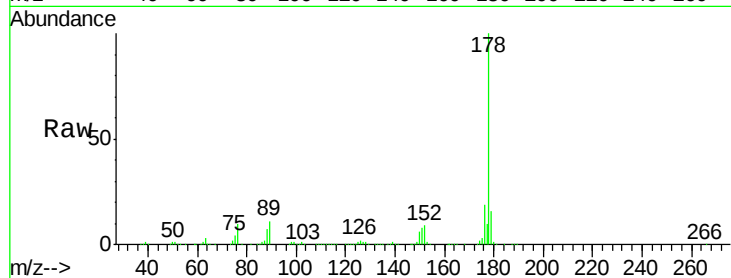
178 100

176 19.4 14.1 21.1

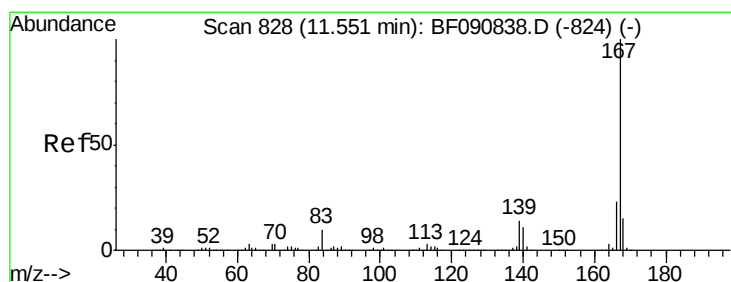
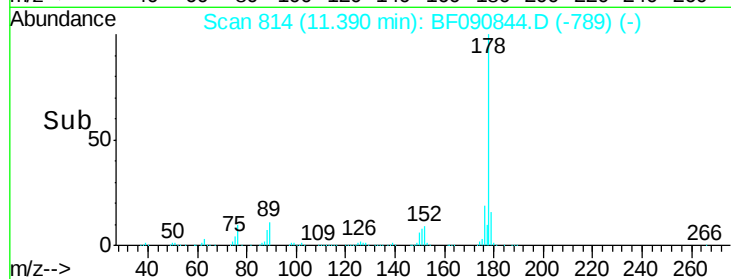
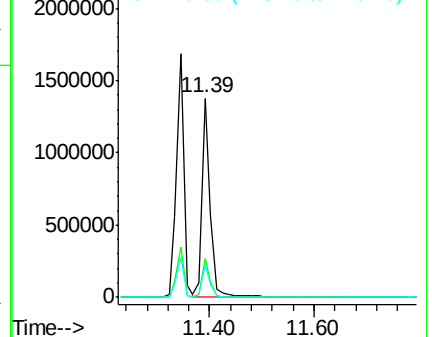
179 16.3 12.2 18.2

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



#72

Carbazole

Concen: 41.30 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

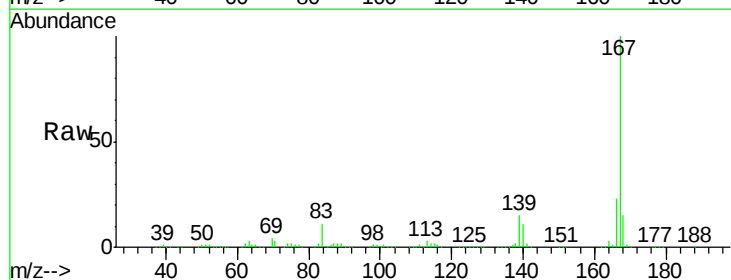
Tgt Ion:167 Resp: 1477508

Ion Ratio Lower Upper

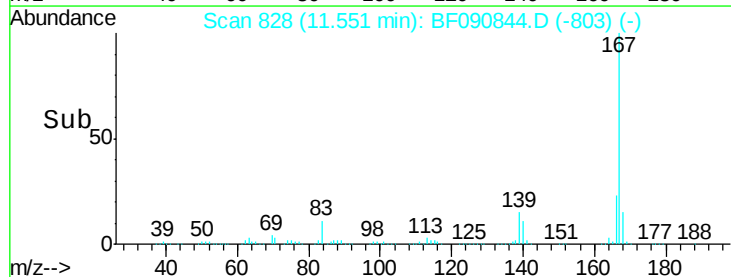
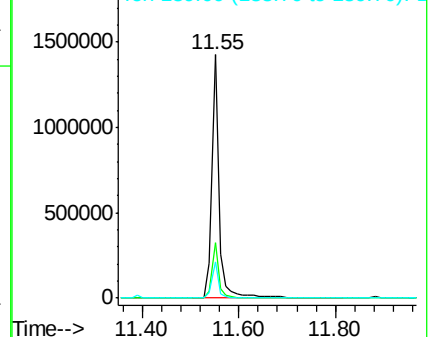
167 100

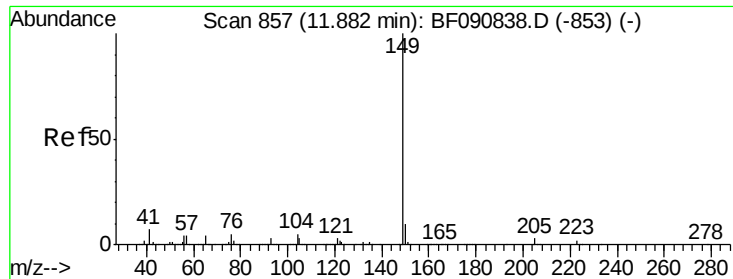
166 22.9 15.7 23.5

139 14.7 9.5 14.3#



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





#73

Di-n-butylphthalate

Concen: 40.25 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1856170

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

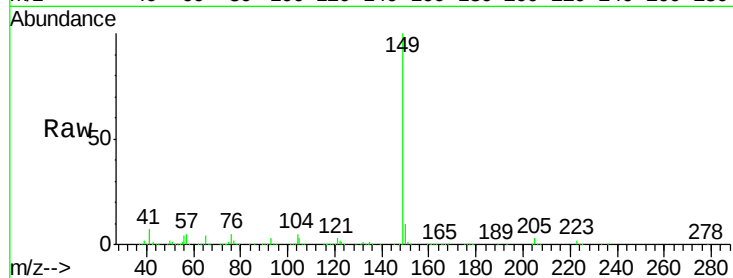
104 5.2 2.4 3.6#

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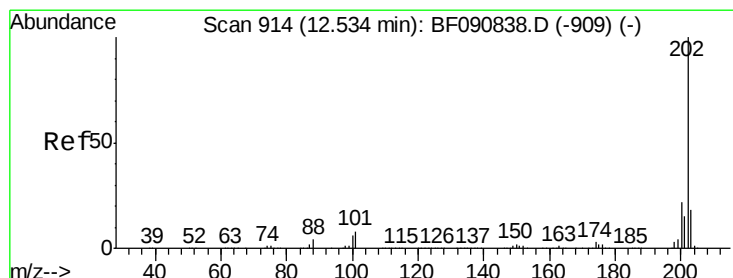
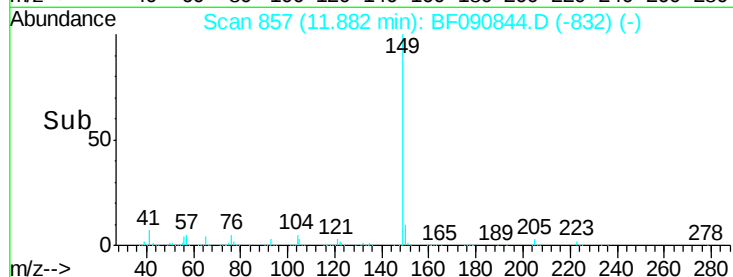
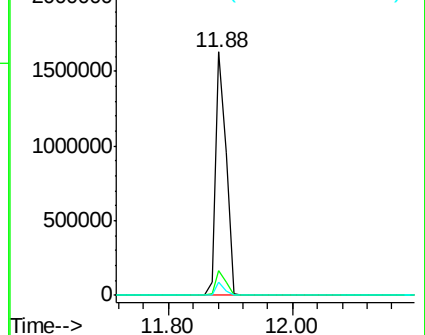
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.21 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

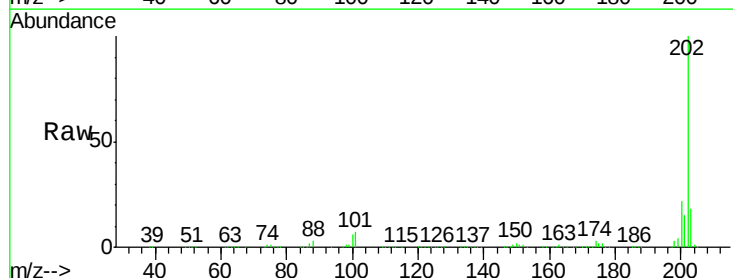
Tgt Ion:202 Resp: 1736285

Ion Ratio Lower Upper

202 100

101 7.4 0.0 38.3

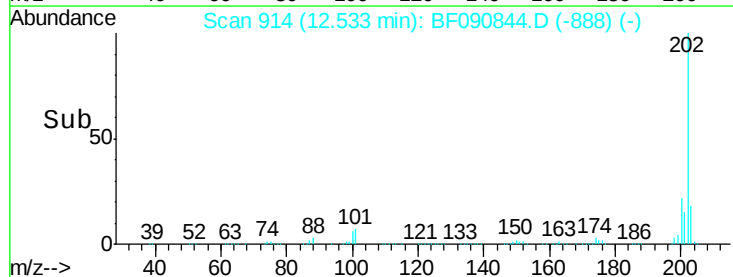
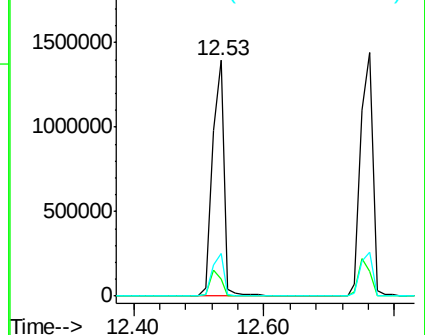
203 18.1 0.0 37.3

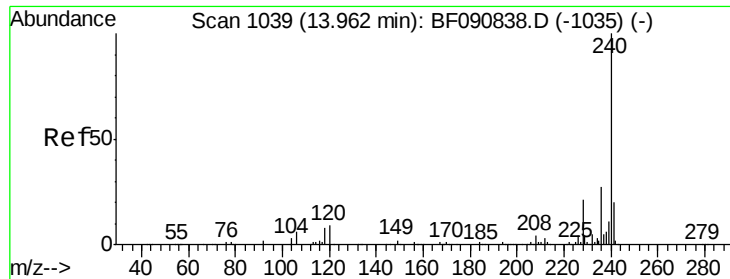


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

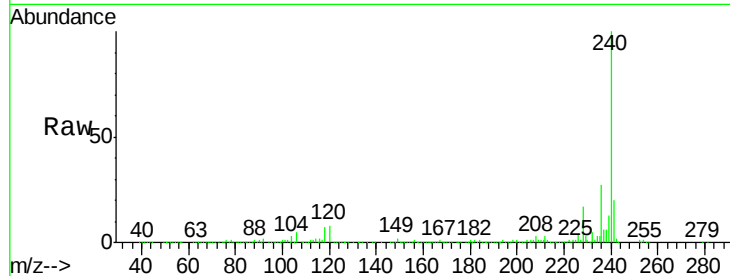
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.6   | 16.2  | 24.2# |
| 236     | 27.1  | 18.4  | 27.6  |

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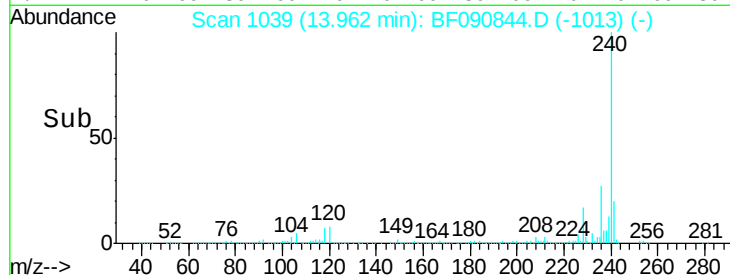


Abundance Ion 240.00 (239.70 to 240.70): E

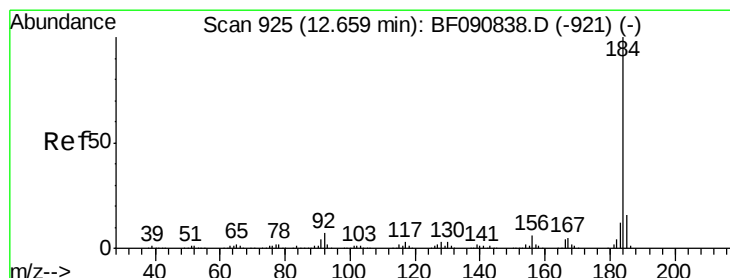
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96



Time--> 13.80 14.00 14.20



#76

Benzidine

Concen: 42.28 ng

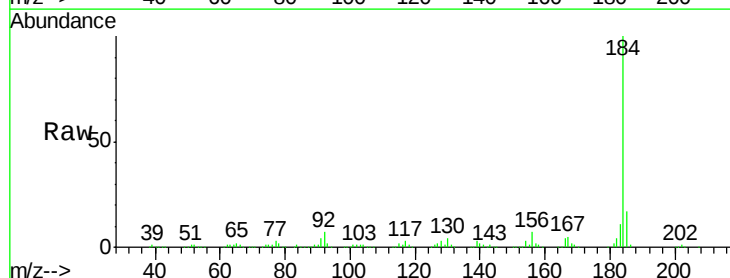
RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.7  | 11.8  | 17.6  |
| 183     | 11.1  | 7.6   | 11.4  |

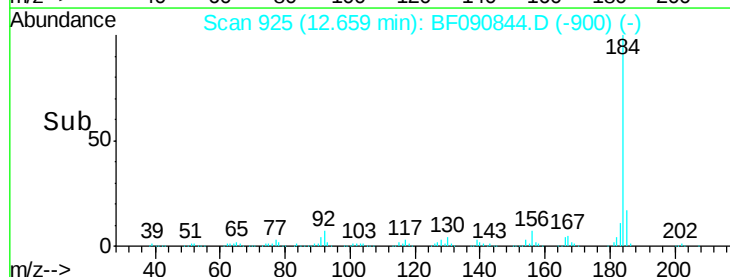


Abundance Ion 184.00 (183.70 to 184.70): E

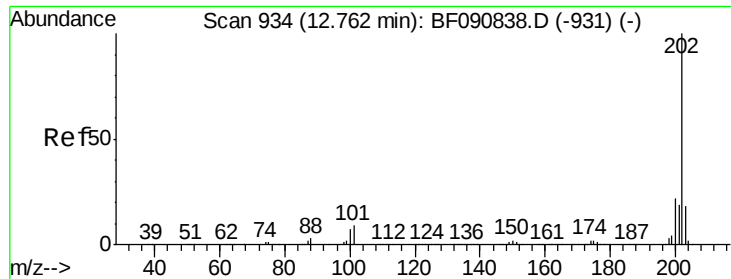
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.66



Time--> 12.60 12.80



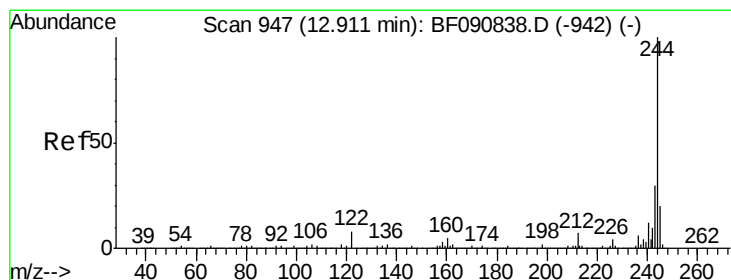
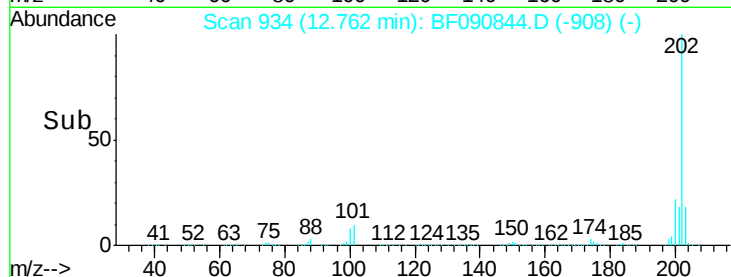
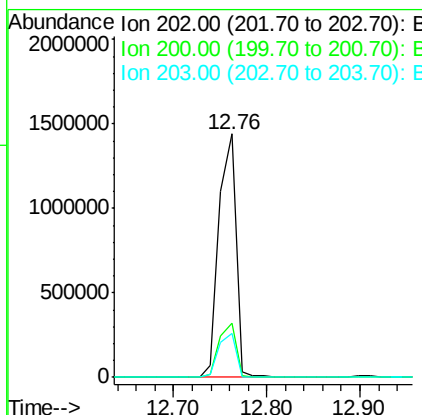
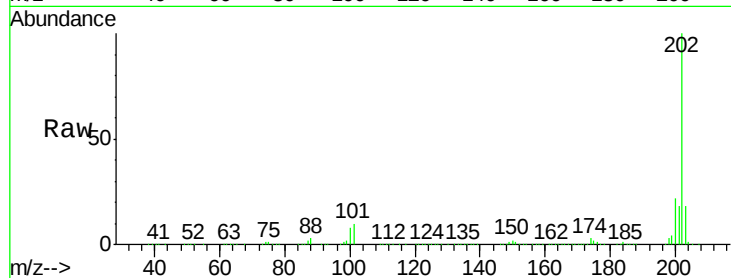
#77  
Pvrene  
Concen: 43.97 ng  
RT: 12.76 min Scan# 934  
Delta R.T. -0.00 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.0  | 15.0  | 22.4  |
| 203     | 17.9  | 14.1  | 21.1  |

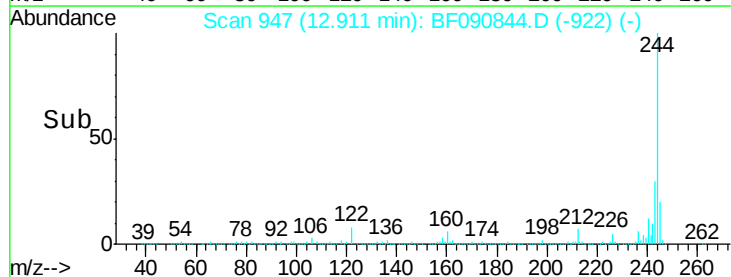
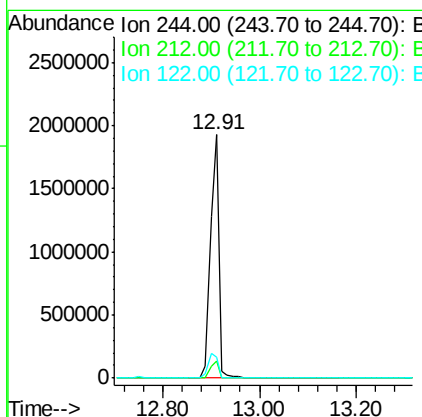
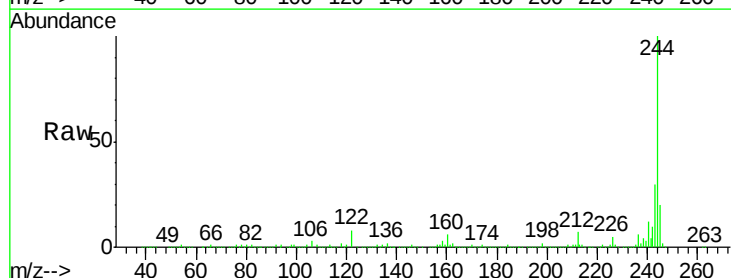
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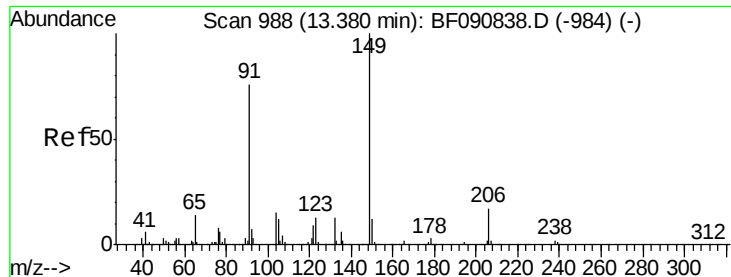
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#78  
Terphenyl-d14  
Concen: 90.60 ng  
RT: 12.91 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 4.3   | 6.5#  |
| 122     | 8.5   | 17.4  | 26.2# |





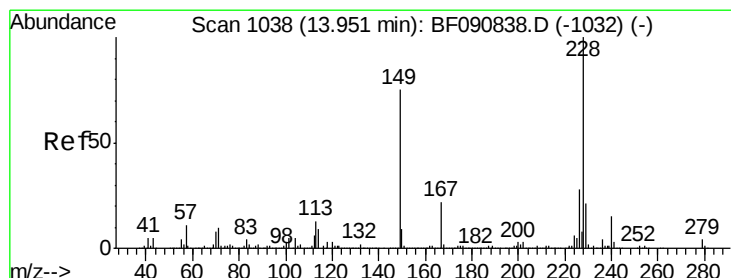
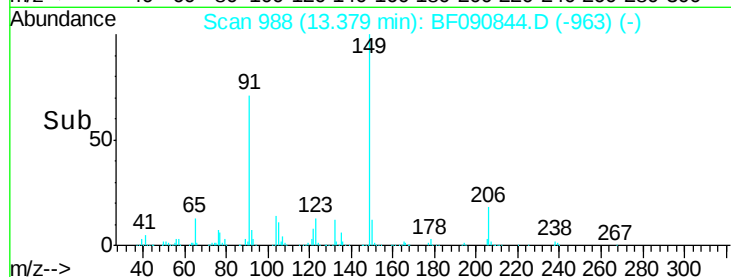
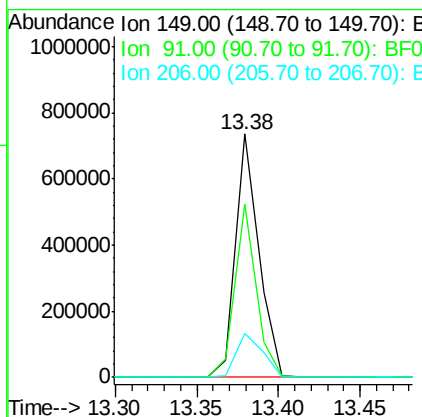
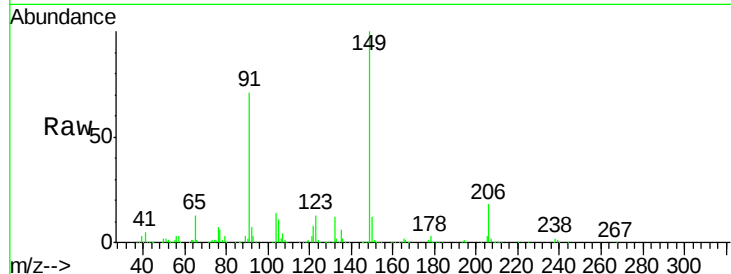
#79  
Butylbenzylphthalate  
Concen: 38.27 ng  
RT: 13.38 min Scan# 988  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.2  | 48.6  | 72.8  |
| 206     | 17.8  | 14.9  | 22.3  |

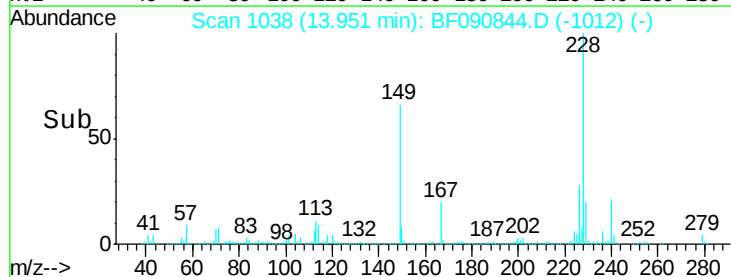
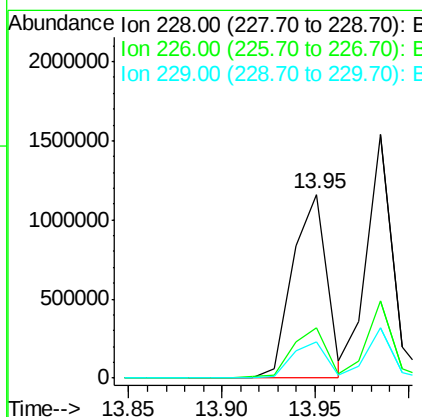
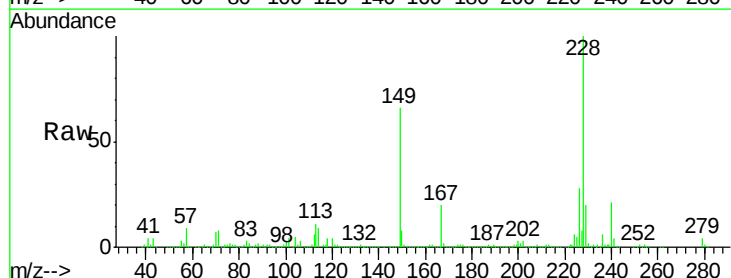
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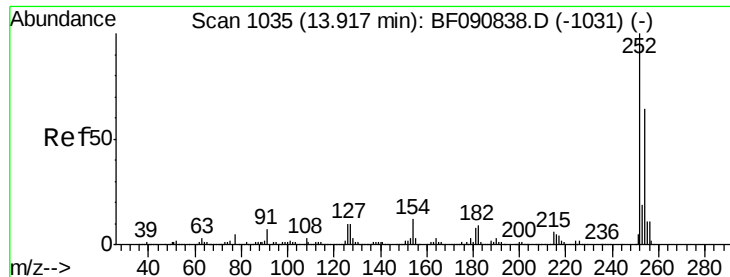
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#80  
Benzo(a)anthracene  
Concen: 42.45 ng  
RT: 13.95 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 20.0  | 30.0  |
| 229     | 20.0  | 15.4  | 23.2  |





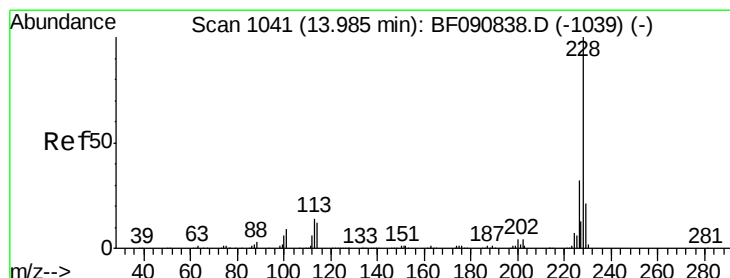
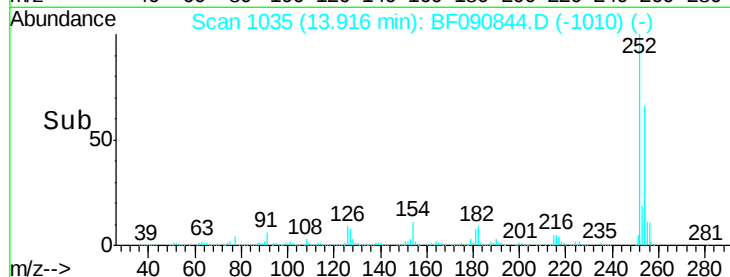
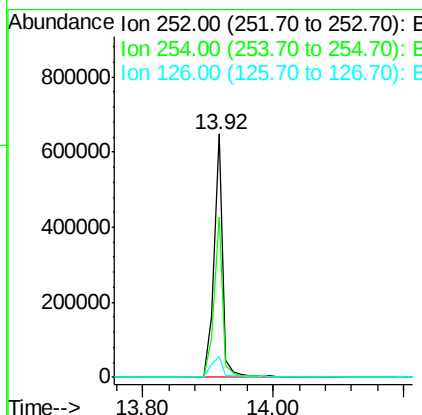
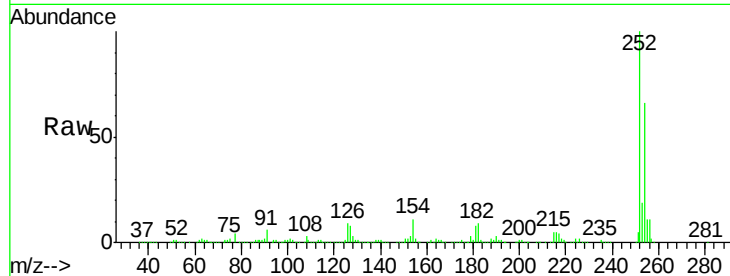
#81  
 3,3'-Dichlorobenzidine  
 Concen: 46.41 ng  
 RT: 13.92 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 66.1  | 51.4       | 77.2       |
| 126     | 8.7   | 16.4       | 24.6       |

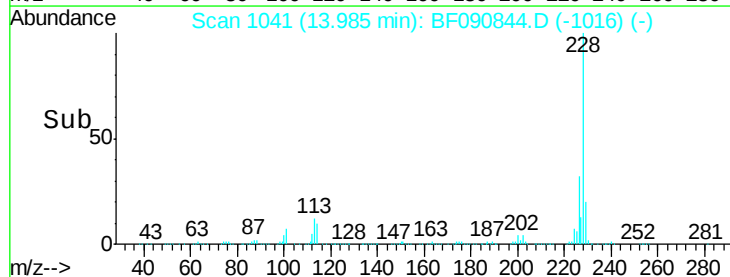
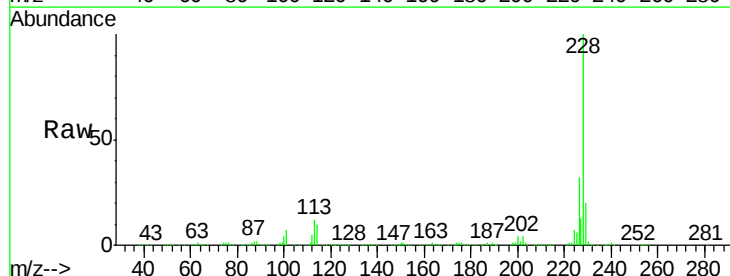
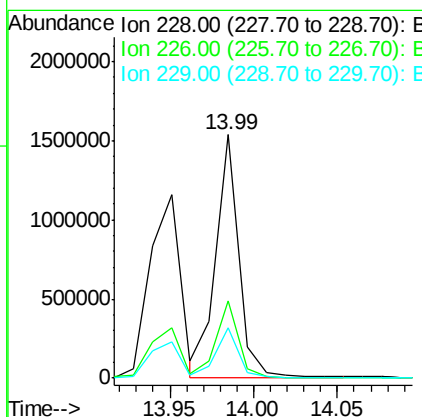
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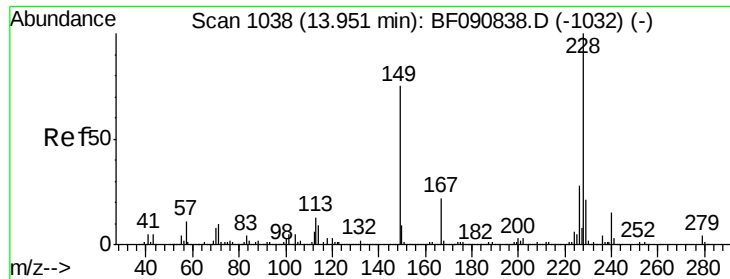
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 10/27/2016 3:46:02 PM



#82  
 Chrysene  
 Concen: 42.37 ng m  
 RT: 13.99 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.8  | 21.0       | 31.4       |
| 229     | 20.5  | 15.6       | 23.4       |





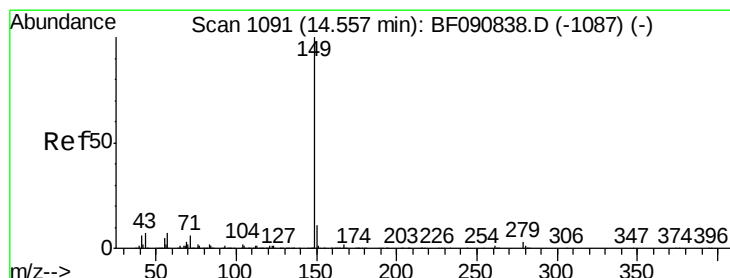
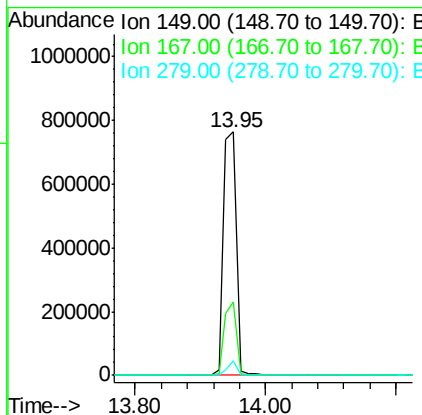
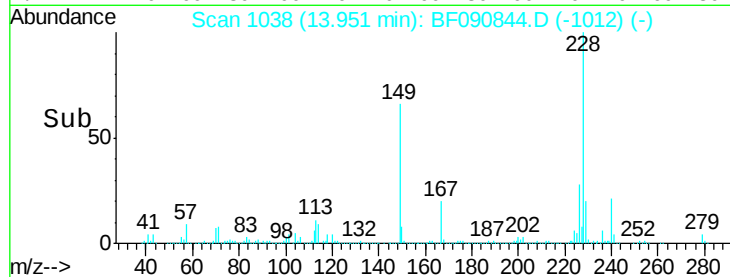
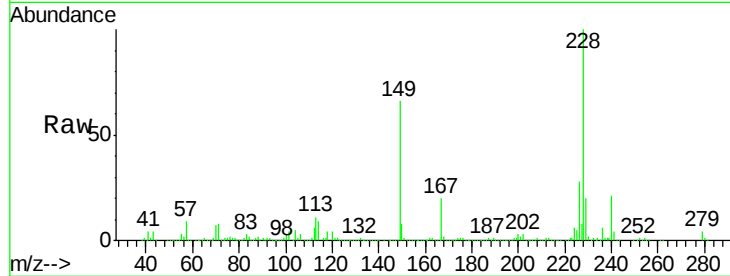
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.40 ng  
 RT: 13.95 min Scan# 1038  
 Delta R.T. -0.00 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:149 Resp: 1067465  
 Ion Ratio Lower Upper  
 149 100  
 167 29.9 24.2 36.2  
 279 6.0 3.8 5.6#

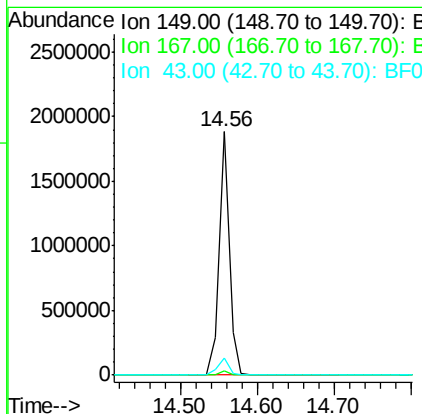
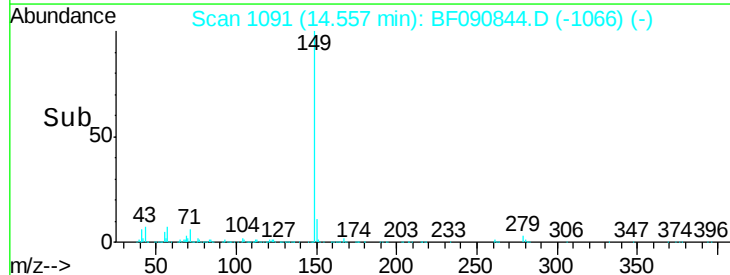
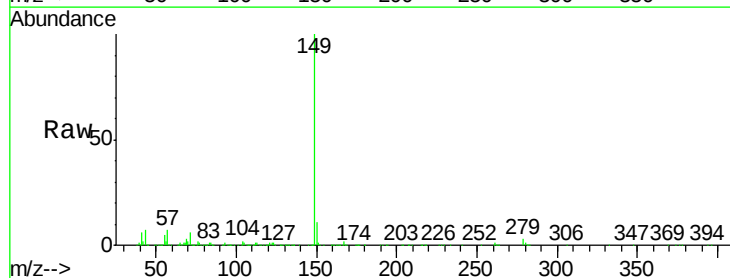
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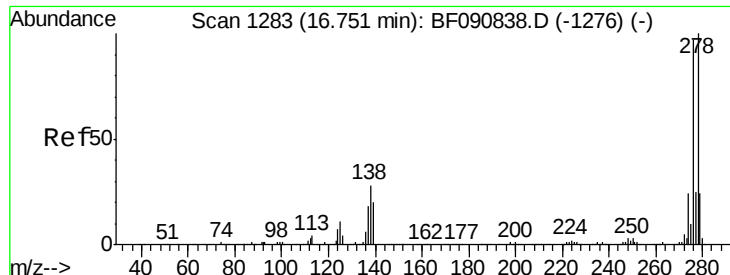
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#84  
 Di-n-octyl phthalate  
 Concen: 42.08 ng  
 RT: 14.56 min Scan# 1091  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

Tgt Ion:149 Resp: 1738245  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.0 1.6#  
 43 7.8 10.2 15.2#





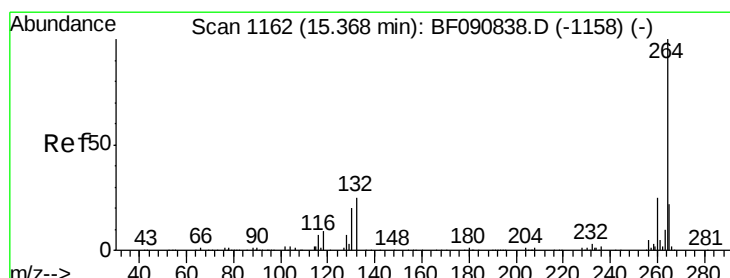
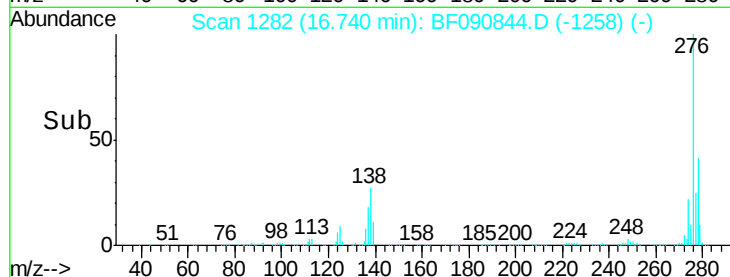
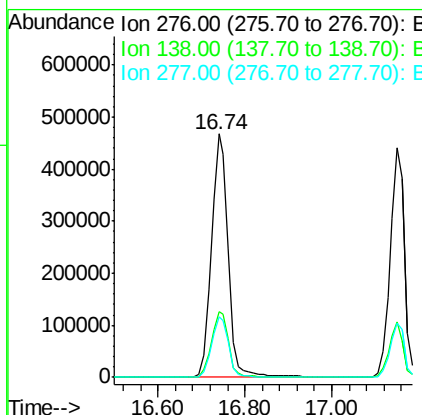
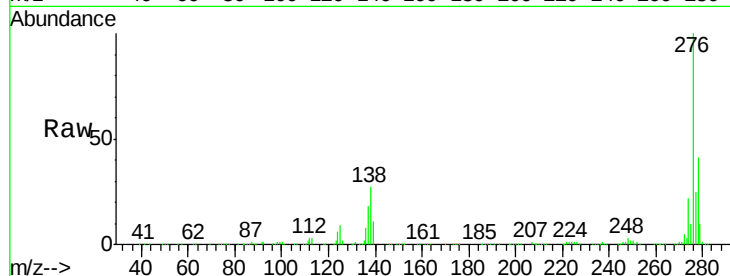
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 40.83 ng  
RT: 16.74 min Scan# 1282  
Delta R.T. -0.02 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:276 Resp: 1277656  
Ion Ratio Lower Upper  
276 100  
138 28.2 25.7 38.5  
277 25.3 15.6 23.4#

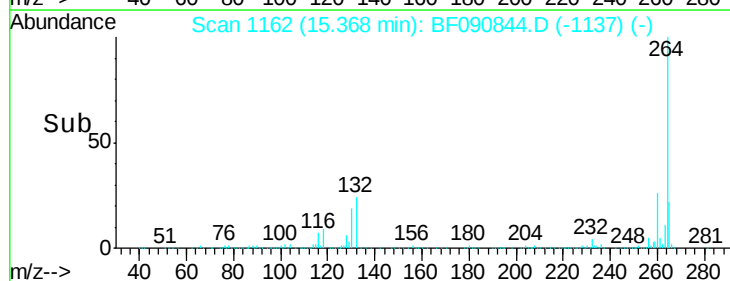
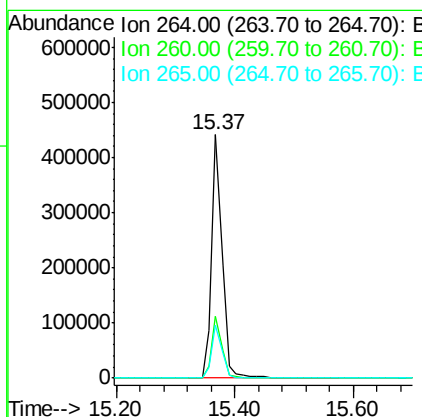
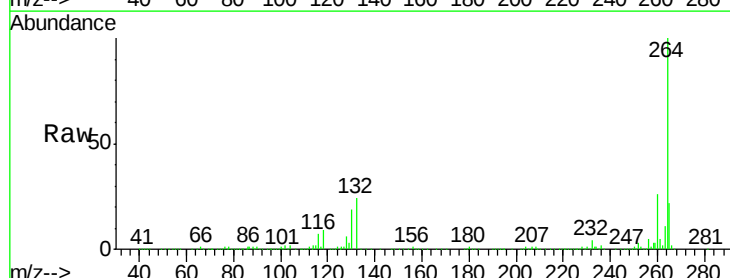
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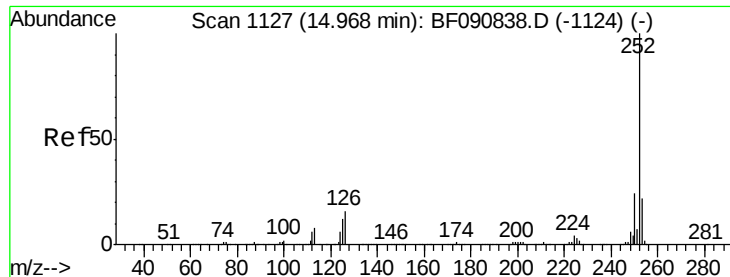
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.37 min Scan# 1162  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Tgt Ion:264 Resp: 542006  
Ion Ratio Lower Upper  
264 100  
260 25.5 16.7 25.1#  
265 21.7 17.2 25.8





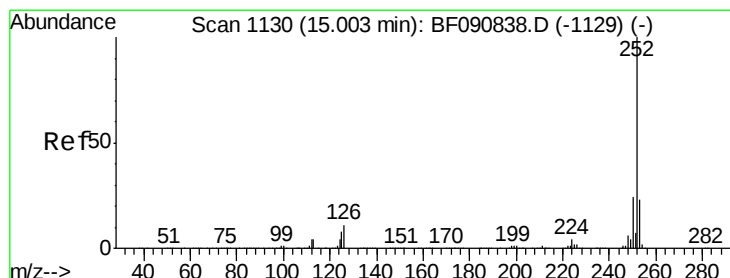
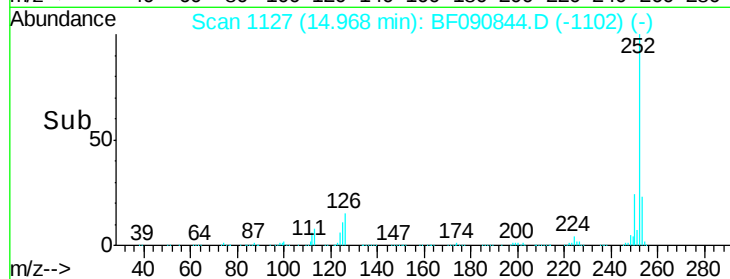
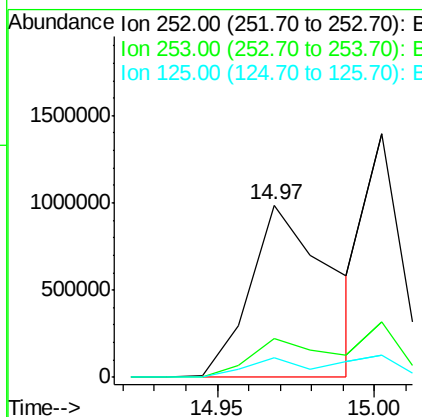
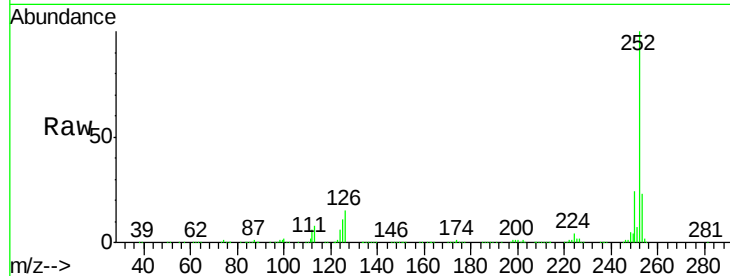
#87  
Benzo(b)fluoranthene  
Concen: 48.22 ng m  
RT: 14.97 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.5  | 26.3  |
| 125     | 11.4  | 17.1  | 25.7  |

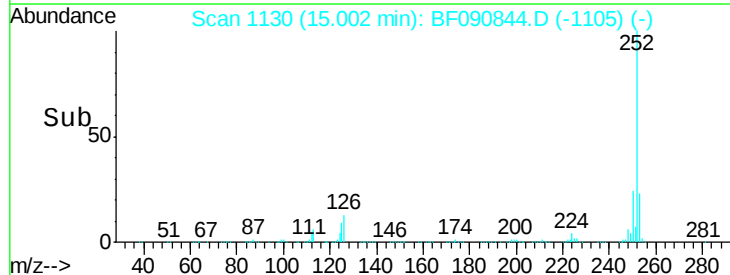
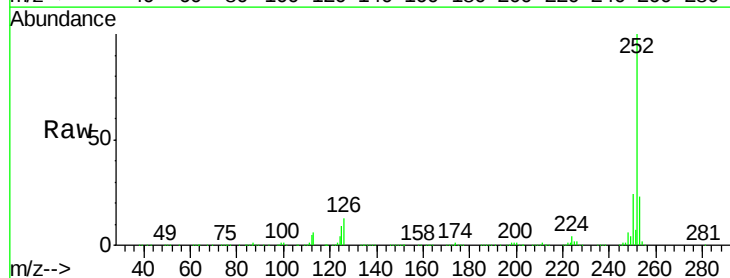
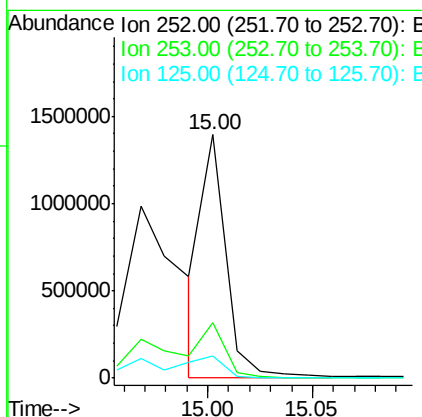
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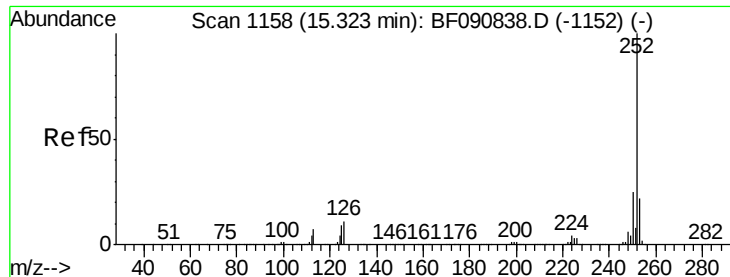
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#88  
Benzo(k)fluoranthene  
Concen: 39.05 ng m  
RT: 15.00 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BF090844.D  
Acq: 26 Oct 2016 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.0  | 25.4  |
| 125     | 9.3   | 16.0  | 24.0  |





#89

Benzo(a)pyrene

Concen: 42.12 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1318931

Ion Ratio Lower Upper

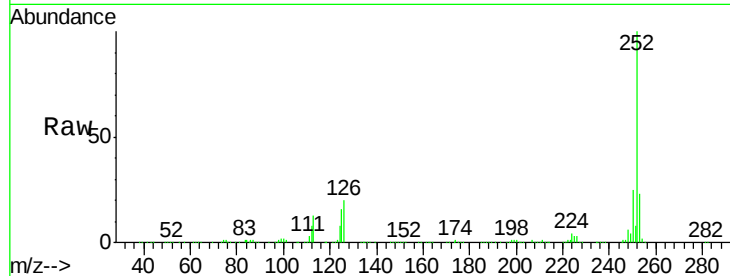
252 100

253 22.7 17.2 25.8

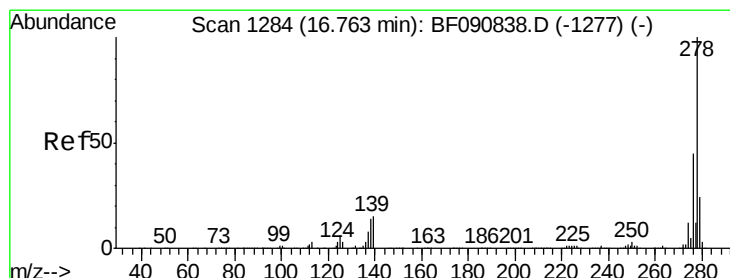
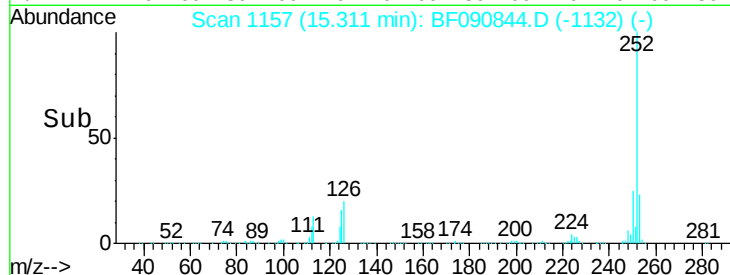
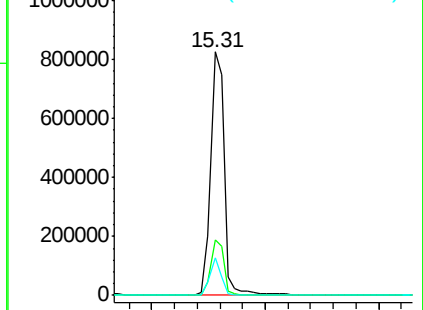
125 15.6 18.0 27.0#

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



#90

Dibenzo(a,h)anthracene

Concen: 42.20 ng

RT: 16.76 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF090844.D

Acq: 26 Oct 2016 16:13

Tgt Ion:278 Resp: 1118792

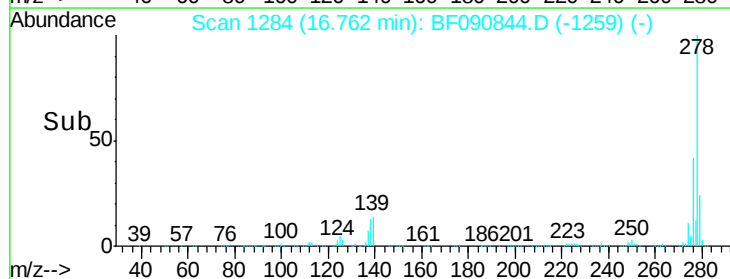
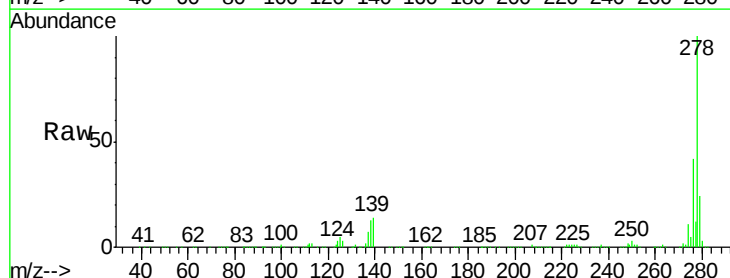
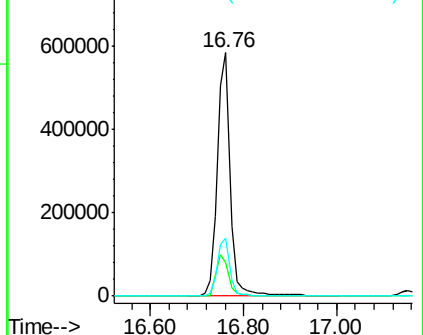
Ion Ratio Lower Upper

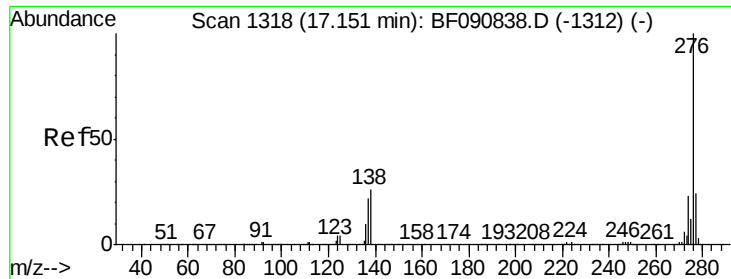
278 100

139 14.0 26.3 39.5#

279 24.0 18.2 27.4

Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





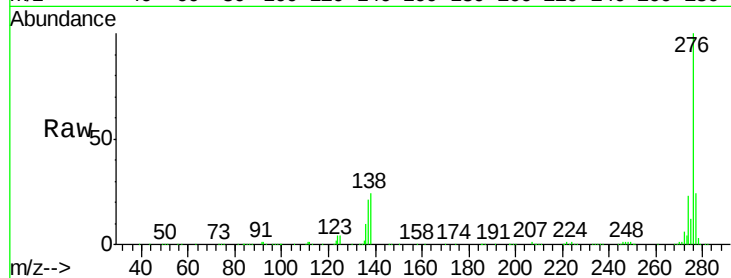
#91  
 Benzo(a,h,i)perylene  
 Concen: 40.88 ng  
 RT: 17.15 min Scan# 1318  
 Delta R.T. -0.01 min  
 Lab File: BF090844.D  
 Acq: 26 Oct 2016 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 17.8  | 26.6  |
| 138     | 24.1  | 34.6  | 51.8  |

Manual Integrations  
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

