

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\  
 Data File : BF091699.D  
 Acq On : 17 Dec 2016 4:27  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 17 05:14:43 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 16 00:35:41 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.78  | 152  | 228268   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.06  | 136  | 1105387  | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.81  | 164  | 489206   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.30 | 188  | 690248   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.93 | 240  | 536876   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.33 | 264  | 457767   | 20.00 | ng    | -0.01    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.38  | 112 | 954197  | 70.42 | ng | 0.00  |
| 7) Phenol-d6                | 6.43  | 99  | 1646862 | 97.50 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.34  | 82  | 1595838 | 80.58 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330 | 275397  | 67.78 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.15  | 172 | 2532838 | 89.46 | ng | 0.00  |
| 78) Terphenyl-d14           | 12.88 | 244 | 1672023 | 70.67 | ng | -0.02 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.32 | 88  | 358616  | 50.15 | ng | # 84   |
| 3) Pyridine                    | 3.00 | 79  | 980299  | 51.45 | ng | # 83   |
| 4) n-Nitrosodimethylamine      | 2.97 | 42  | 419942  | 51.30 | ng | # 56   |
| 6) Aniline                     | 6.44 | 93  | 782197  | 35.32 | ng | # 70   |
| 8) 2-Chlorophenol              | 6.57 | 128 | 736880  | 48.18 | ng | 99     |
| 9) Benzaldehyde                | 6.32 | 77  | 501371  | 43.13 | ng | 91     |
| 10) Phenol                     | 6.44 | 94  | 798125  | 40.41 | ng | 79     |
| 11) bis(2-Chloroethyl)ether    | 6.52 | 93  | 580553  | 39.13 | ng | 85     |
| 12) 1,3-Dichlorobenzene        | 6.72 | 146 | 721204  | 43.49 | ng | # 96   |
| 13) 1,4-Dichlorobenzene        | 6.80 | 146 | 781957  | 47.80 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 711682m | 48.28 | ng |        |
| 15) Benzyl Alcohol             | 6.93 | 79  | 630368  | 47.27 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45  | 1197389 | 52.08 | ng | 86     |
| 17) 2-Methylphenol             | 7.05 | 107 | 625360  | 49.42 | ng | # 76   |
| 18) Hexachloroethane           | 7.29 | 117 | 263187  | 41.23 | ng | # 80   |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 577294  | 54.66 | ng | # 75   |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 776906  | 57.74 | ng | 87     |
| 22) Acetophenone               | 7.20 | 105 | 1082338 | 40.87 | ng | # 95   |
| 24) Nitrobenzene               | 7.37 | 77  | 908013  | 43.39 | ng | # 88   |
| 25) Isophorone                 | 7.61 | 82  | 1405482 | 39.92 | ng | 99     |
| 26) 2-Nitrophenol              | 7.69 | 139 | 371451  | 40.22 | ng | # 65   |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 705245  | 43.48 | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 948231  | 45.92 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 565650  | 40.08 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.01 | 180 | 643499  | 40.12 | ng | 99     |
| 31) Naphthalene                | 8.09 | 128 | 2055896 | 39.97 | ng | 99     |
| 32) Benzoic acid               | 7.85 | 122 | 334834  | 30.73 | ng | 90     |
| 33) 4-Chloroaniline            | 8.14 | 127 | 939778  | 42.41 | ng | # 92   |
| 34) Hexachlorobutadiene        | 8.21 | 225 | 375663  | 40.85 | ng | 99     |
| 35) Caprolactam                | 8.51 | 113 | 142968  | 34.69 | ng | # 64   |
| 36) 4-Chloro-3-methylphenol    | 8.62 | 107 | 551073  | 34.82 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.78 | 142 | 1339540 | 40.24 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.94 | 216 | 553959  | 41.29 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.93 | 237 | 50395   | 8.42  | ng | 99     |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 17 05:14:43 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 16 00:35:41 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.06  | 196  | 347266   | 40.28 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.10  | 196  | 357812   | 40.39 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 9.24  | 154  | 1459702  | 41.20 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.26  | 162  | 1091168  | 39.77 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.37  | 65   | 443416   | 48.06 | nq    | 90       |
| 48) Acenaphthylene             | 9.68  | 152  | 1641356  | 39.24 | nq    | 99       |
| 49) Dimethylphthalate          | 9.55  | 163  | 1467362  | 47.37 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.61  | 165  | 282290   | 41.52 | nq    | 89       |
| 51) Acenaphthene               | 9.85  | 154  | 1056417  | 36.36 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.78  | 138  | 389114   | 48.72 | nq    | 90       |
| 53) 2,4-Dinitrophenol          | 9.88  | 184  | 11851    | 6.74  | nq    | # 81     |
| 54) Dibenzofuran               | 10.02 | 168  | 1392243  | 38.73 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.94  | 139  | 186120   | 31.32 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 10.01 | 165  | 326779   | 38.35 | nq    | # 71     |
| 57) Fluorene                   | 10.36 | 166  | 970273   | 36.88 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 258596   | 37.28 | nq    | 95       |
| 59) Diethylphthalate           | 10.25 | 149  | 1372558  | 46.02 | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 10.36 | 204  | 525352   | 40.65 | nq    | 94       |
| 61) 4-Nitroaniline             | 10.38 | 138  | 316127   | 39.83 | nq    | 95       |
| 62) Azobenzene                 | 10.52 | 77   | 1328315  | 39.30 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.42 | 198  | 24569    | 8.45  | nq    | # 43     |
| 65) n-Nitrosodiphenylamine     | 10.48 | 169  | 896244   | 43.55 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.84 | 248  | 314969   | 44.51 | nq    | 92       |
| 67) Hexachlorobenzene          | 10.91 | 284  | 308309   | 41.90 | nq    | # 80     |
| 68) Atrazine                   | 11.00 | 200  | 225164   | 34.03 | nq    | 99       |
| 69) Pentachlorophenol          | 11.10 | 266  | 159137   | 38.43 | nq    | 98       |
| 70) Phenanthrene               | 11.32 | 178  | 1474645  | 43.14 | nq    | 100      |
| 71) Anthracene                 | 11.37 | 178  | 1425130  | 38.65 | nq    | 99       |
| 72) Carbazole                  | 11.53 | 167  | 1267254  | 39.21 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.87 | 149  | 1810186  | 48.08 | nq    | 99       |
| 74) Fluoranthene               | 12.51 | 202  | 1511155  | 42.22 | nq    | 97       |
| 76) Benzidine                  | 12.62 | 184  | 523561   | 31.54 | nq    | 99       |
| 77) Pyrene                     | 12.73 | 202  | 1474298  | 34.61 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.36 | 149  | 701075   | 42.22 | nq    | 94       |
| 80) Benzo(a)anthracene         | 13.92 | 228  | 1247643  | 40.02 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.88 | 252  | 501389   | 44.78 | nq    | # 96     |
| 82) Chrysene                   | 13.95 | 228  | 1262520  | 38.70 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.92 | 149  | 868536   | 40.77 | nq    | 97       |
| 84) Di-n-octyl phthalate       | 14.53 | 149  | 1783236  | 49.32 | nq    | # 90     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.68 | 276  | 978942   | 33.35 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.93 | 252  | 1132701m | 41.51 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.97 | 252  | 1101773m | 45.92 | nq    |          |
| 89) Benzo(a)pyrene             | 15.28 | 252  | 1051448  | 42.77 | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 16.69 | 278  | 832117   | 37.78 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.08 | 276  | 820600   | 36.61 | nq    | # 94     |

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

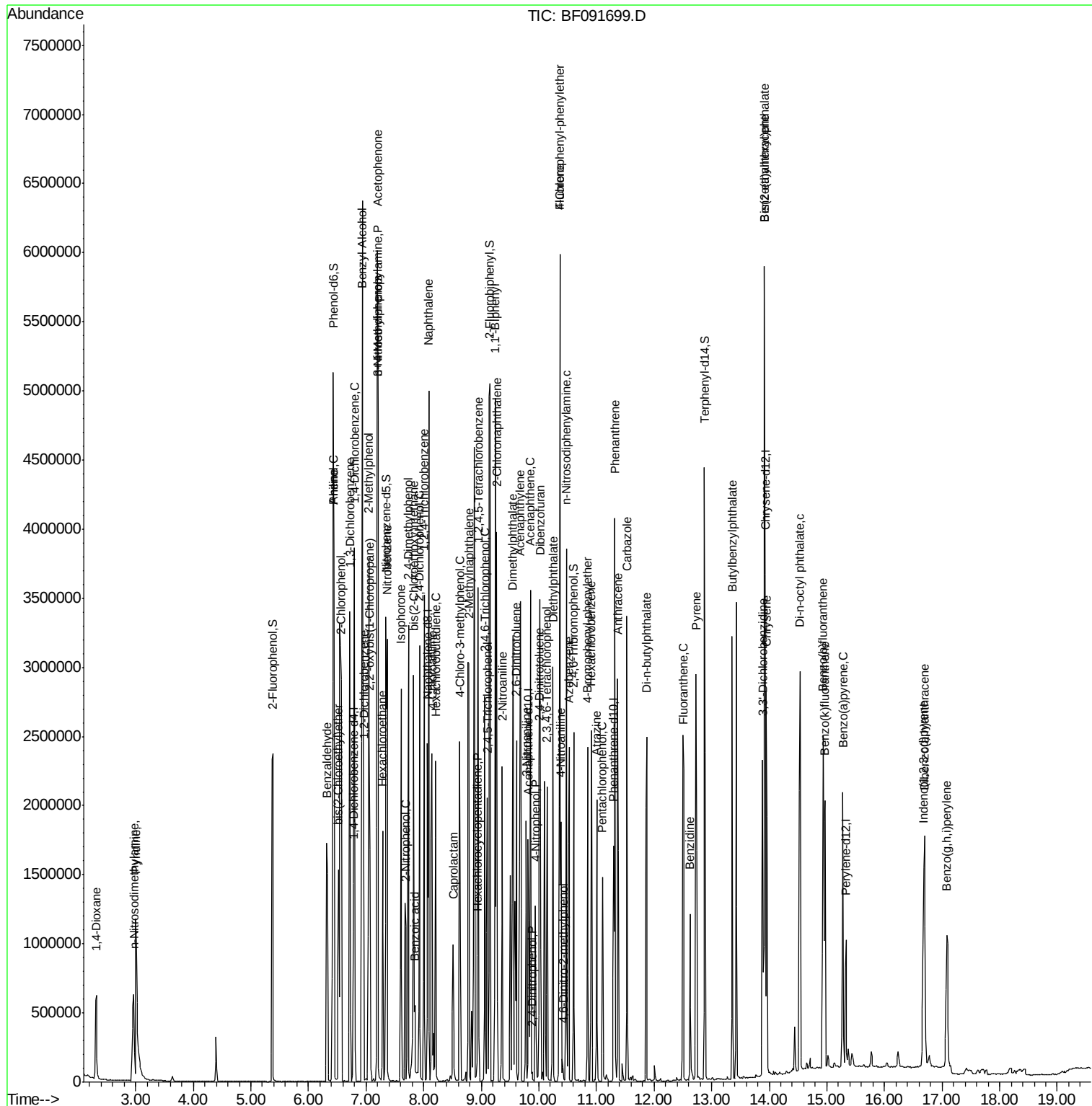
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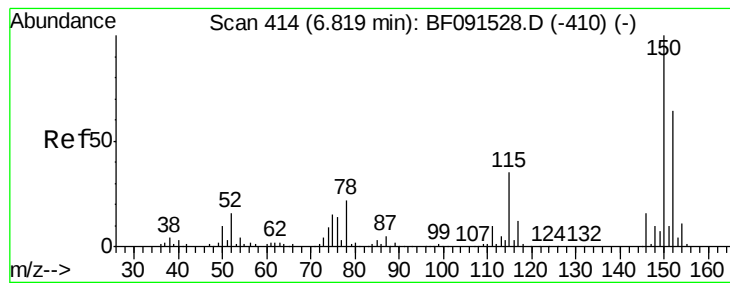
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091699.D
Acq On    : 17 Dec 2016    4:27
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial   : 2    Sample Multiplier: 1

```

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

Quant Time: Dec 17 05:14:43 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 16 00:35:41 2016  
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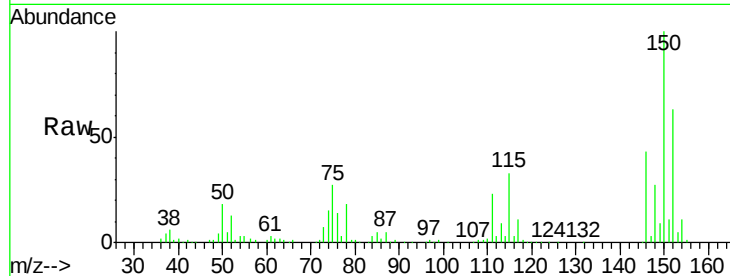


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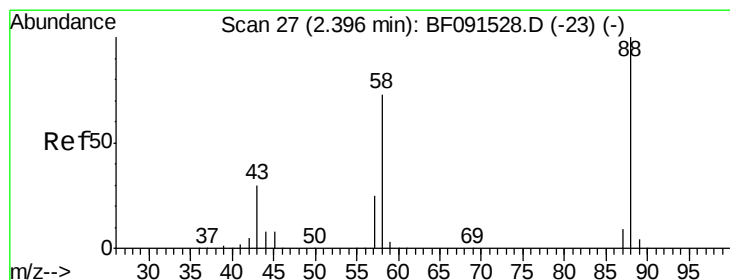
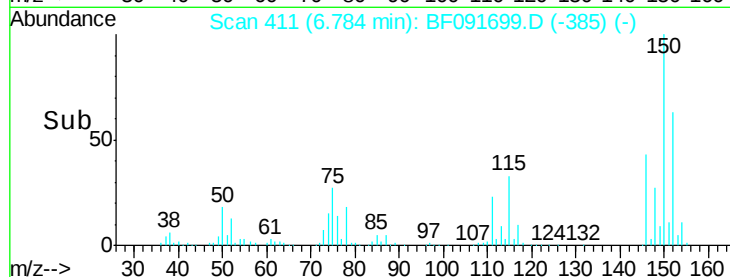
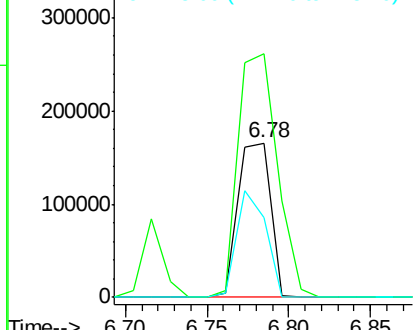
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.78 min Scan# 411  
Delta R.T. 0.00 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:152 Resp: 228268  
Ion Ratio Lower Upper  
152 100  
150 158.1 122.5 183.7  
115 51.9 51.8 77.8



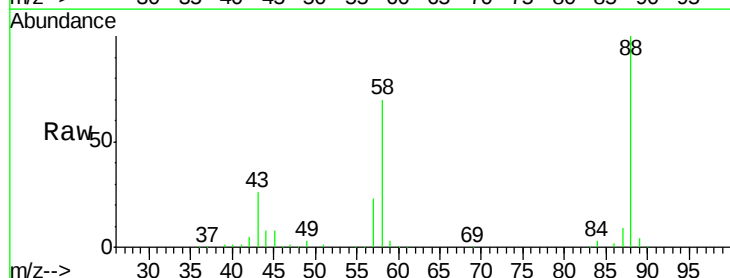
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



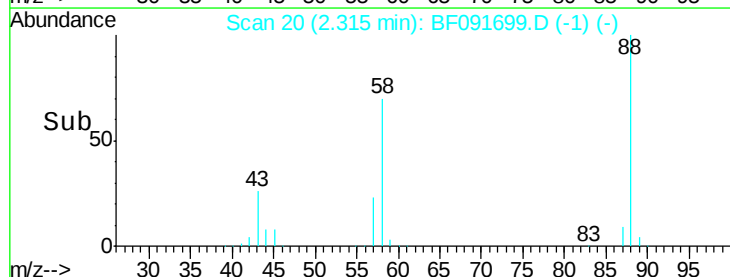
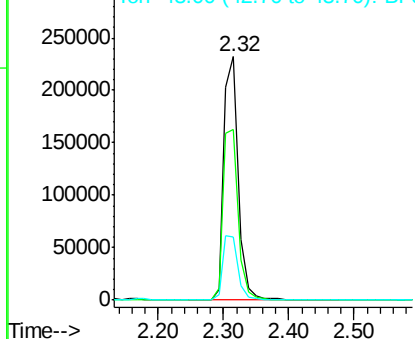
#2

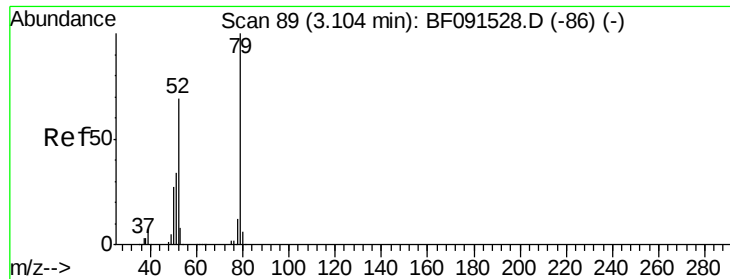
1,4-Dioxane  
Concen: 50.15 ng  
RT: 2.32 min Scan# 20  
Delta R.T. -0.01 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

Tgt Ion: 88 Resp: 358616  
Ion Ratio Lower Upper  
88 100  
58 73.7 70.3 105.5  
43 28.5 31.3 46.9#



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: 51.45 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.02 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

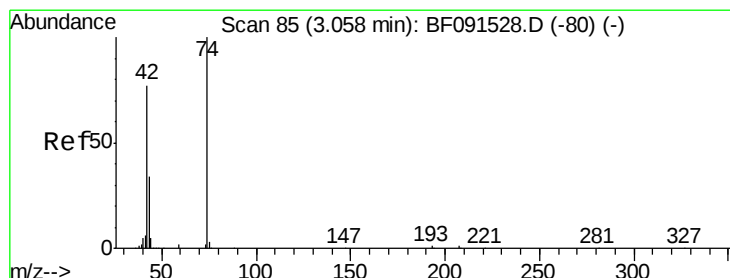
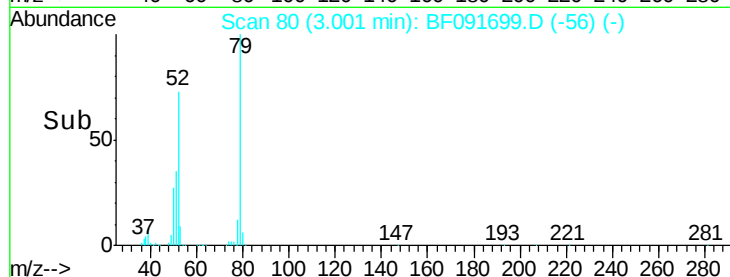
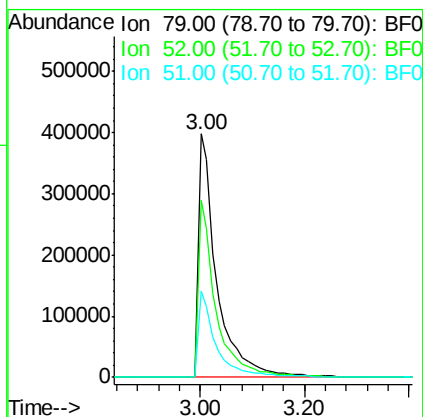
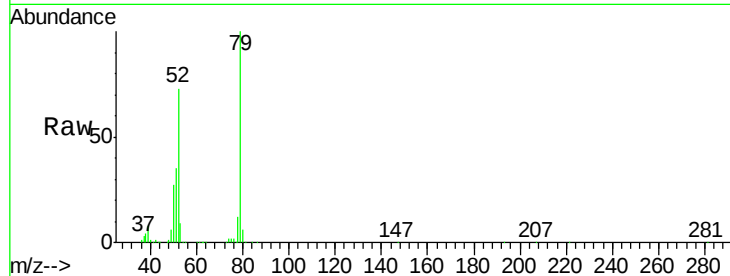
Tot Ion: 79 Resp: 980299

Ion Ratio Lower Upper

79 100

52 72.8 71.0 106.4

51 35.5 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 51.30 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

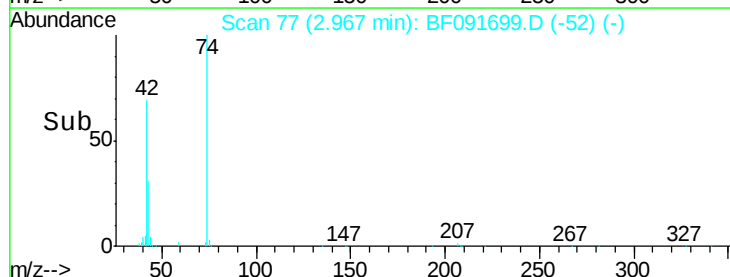
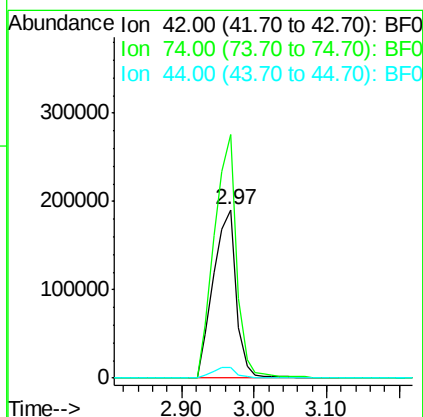
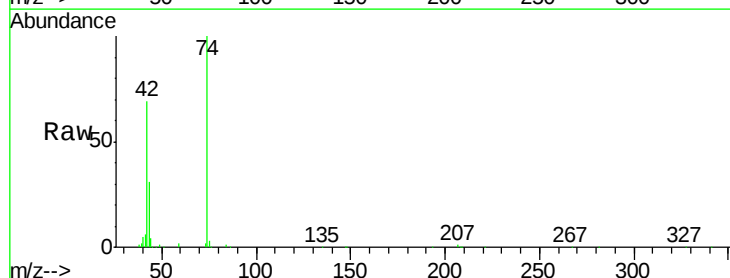
Tgt Ion: 42 Resp: 419942

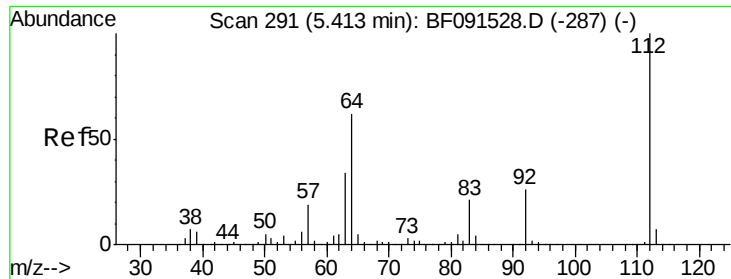
Ion Ratio Lower Upper

42 100

74 144.9 78.9 118.3#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 70.42 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

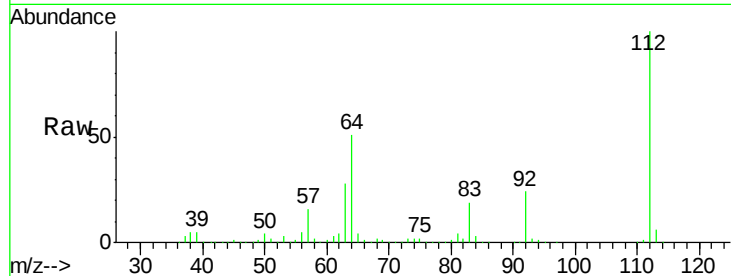
Tot Ion:112 Resp: 954197

Ion Ratio Lower Upper

112 100

64 51.3 61.5 92.3#

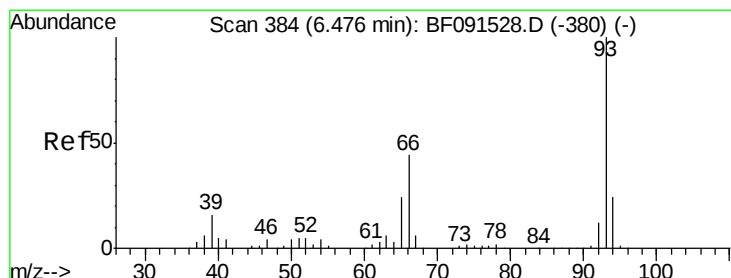
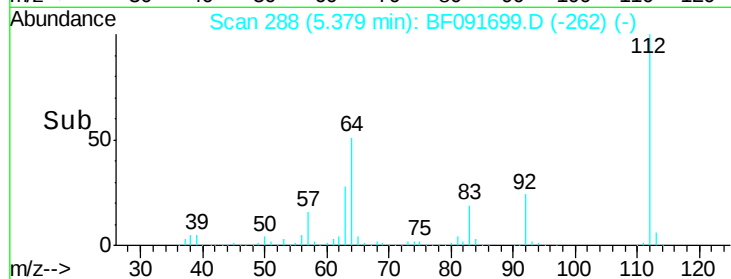
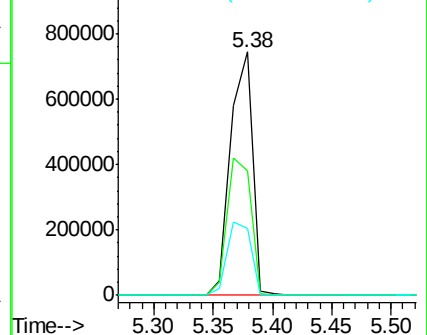
63 27.5 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.32 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

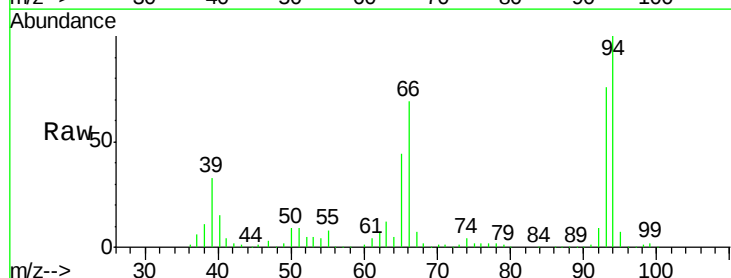
Tgt Ion: 93 Resp: 782197

Ion Ratio Lower Upper

93 100

66 91.7 55.8 83.6#

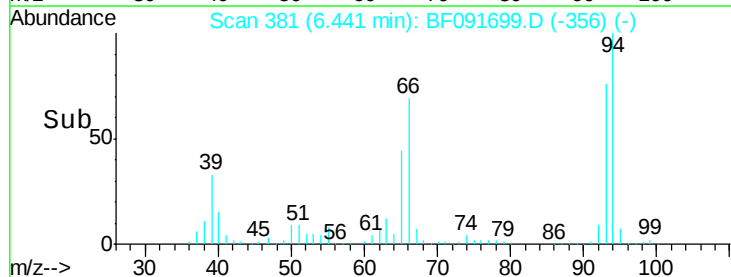
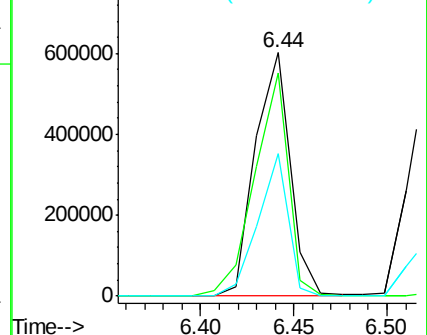
65 58.3 29.9 44.9#

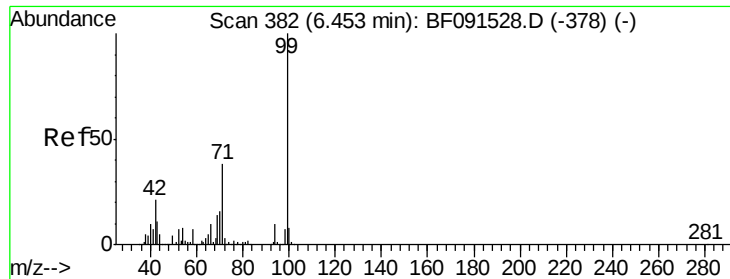


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.50 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

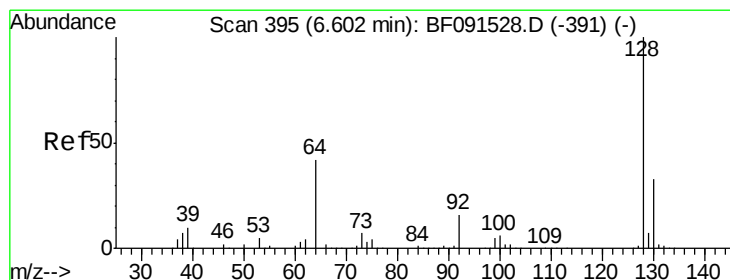
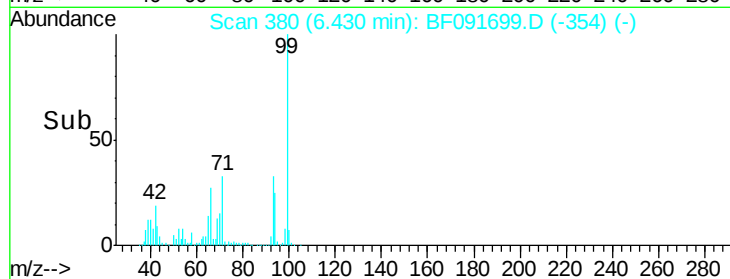
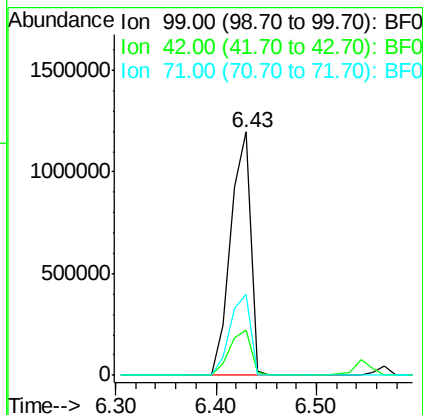
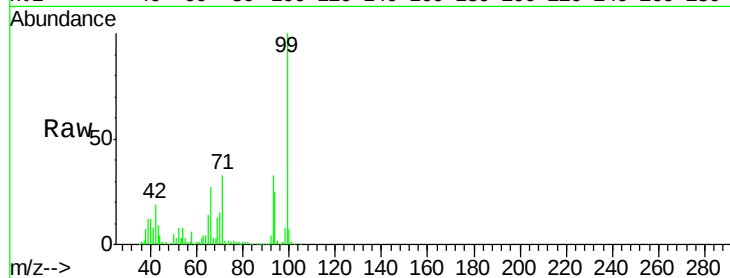
BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1646862

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.7  | 20.6  | 31.0# |
| 71  | 33.4  | 29.9  | 44.9  |



#8

2-Chlorophenol

Concen: 48.18 ng

RT: 6.57 min Scan# 392

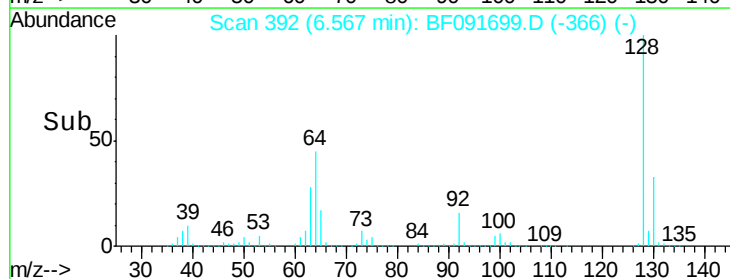
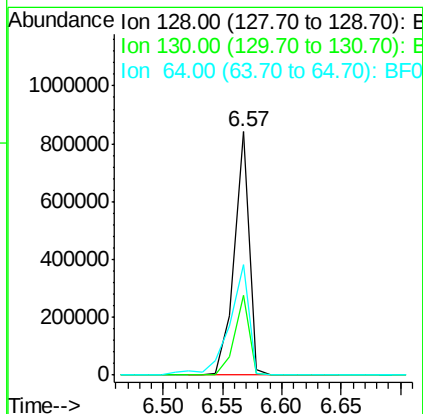
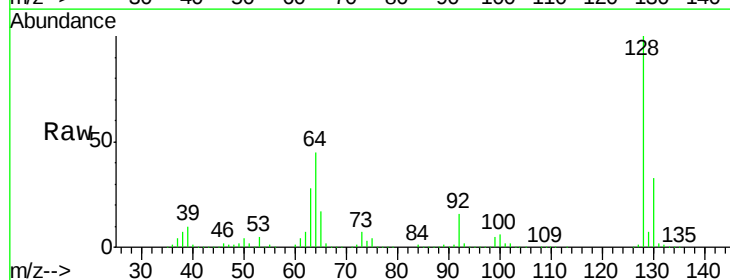
Delta R.T. 0.00 min

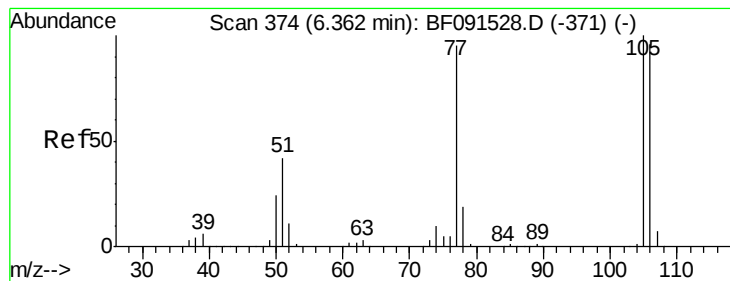
Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Tgt Ion: 128 Resp: 736880

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 13.1  | 53.1  |
| 64  | 45.2  | 24.1  | 64.1  |





#9

Benzaldehyde

Concen: 43.13 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

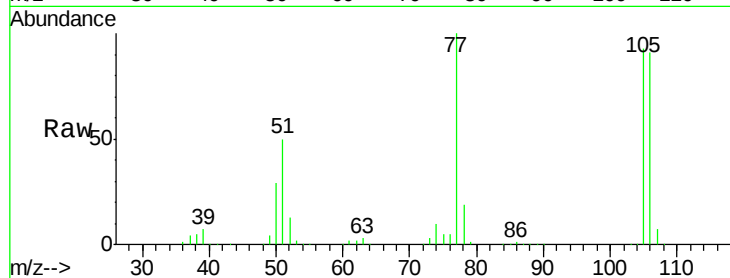
Tot Ion: 77 Resp: 501371

Ion Ratio Lower Upper

77 100

105 93.1 66.4 106.4

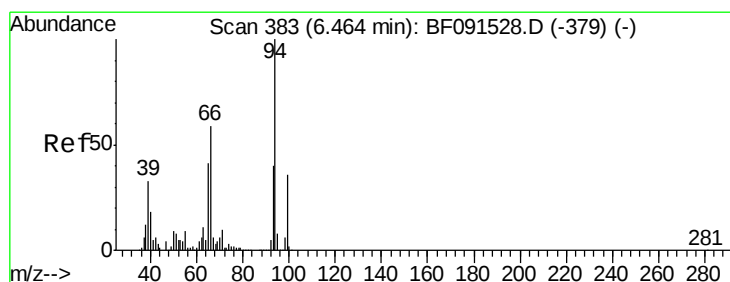
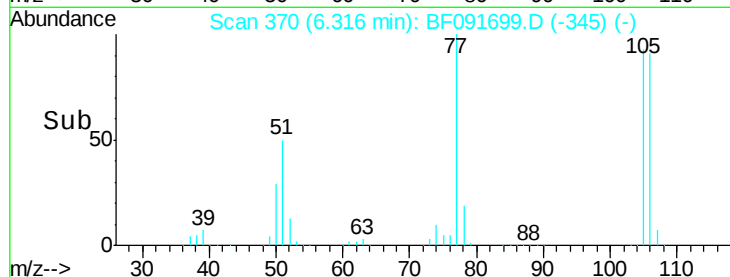
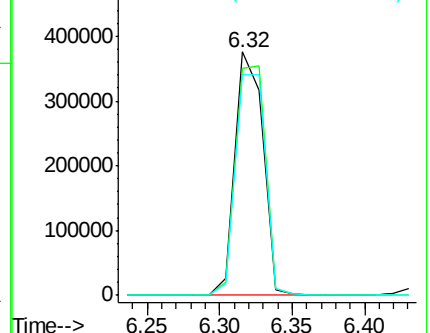
106 90.6 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.41 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

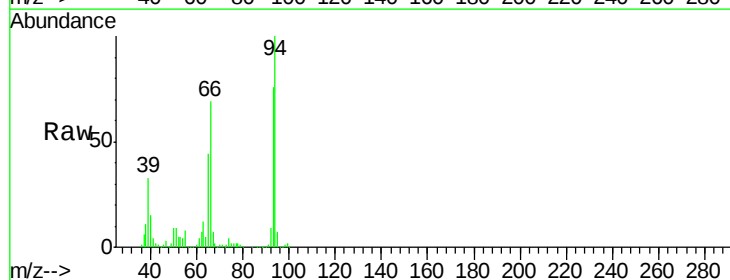
Tgt Ion: 94 Resp: 798125

Ion Ratio Lower Upper

94 100

65 44.1 16.9 56.9

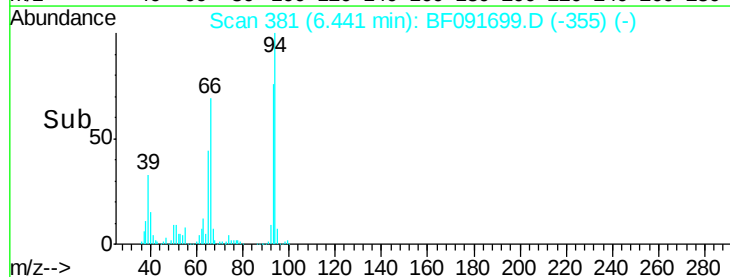
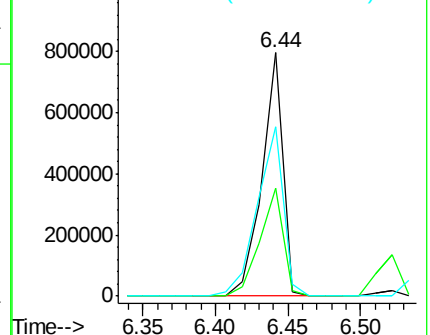
66 69.3 30.6 70.6

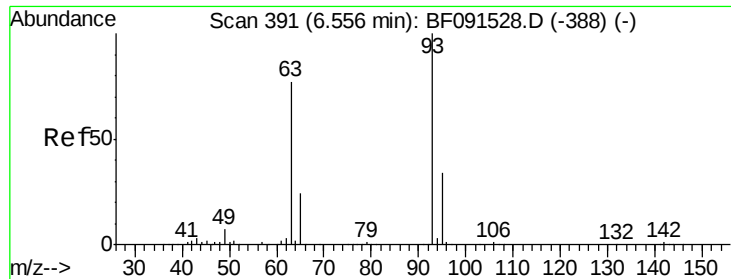


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.13 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

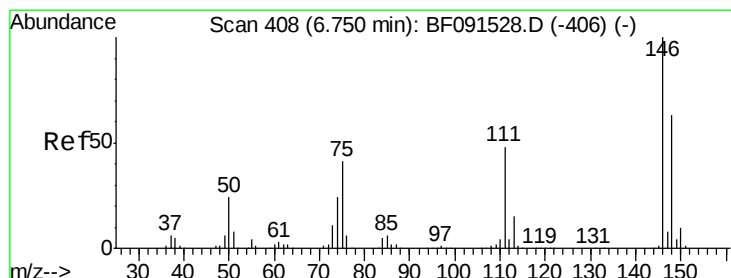
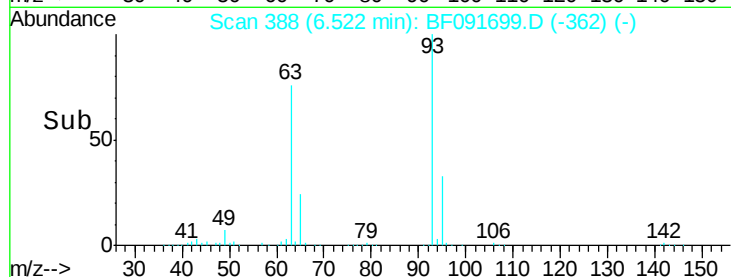
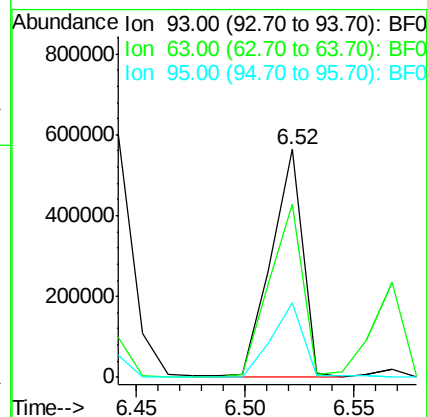
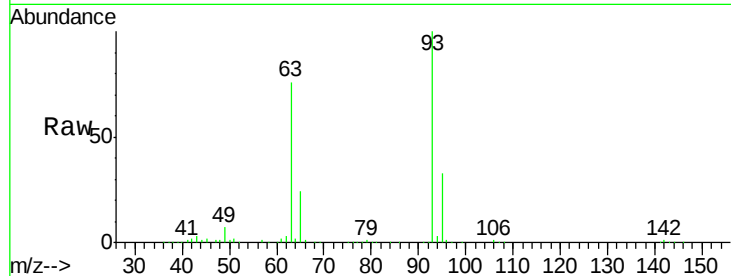
Tot Ion: 93 Resp: 580553

Ion Ratio Lower Upper

93 100

63 75.7 74.8 114.8

95 32.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.49 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

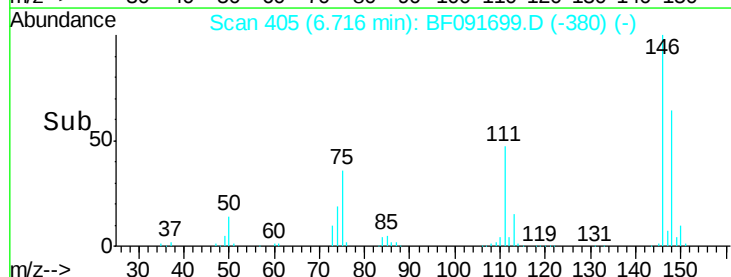
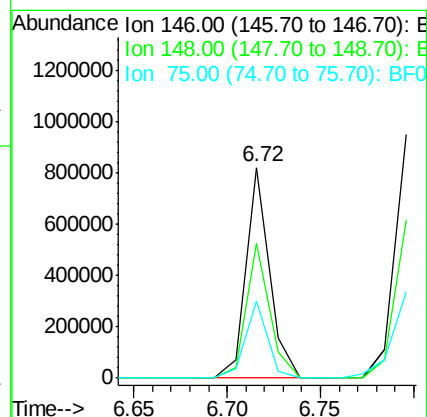
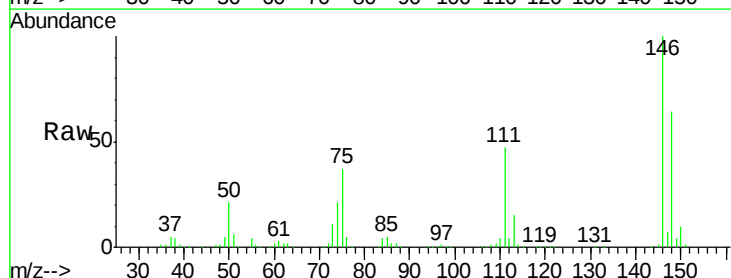
Tgt Ion: 146 Resp: 721204

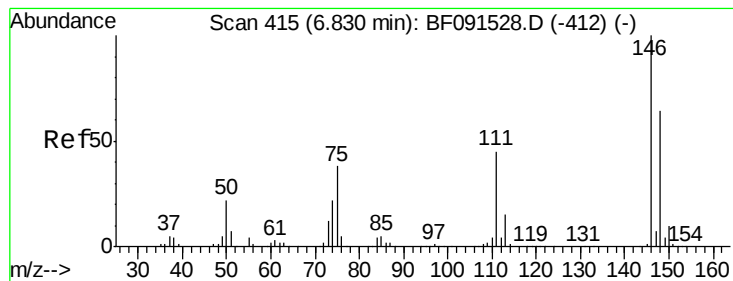
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.0

75 36.7 23.6 35.4#





#13

1,4-Dichlorobenzene

Concen: 47.80 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

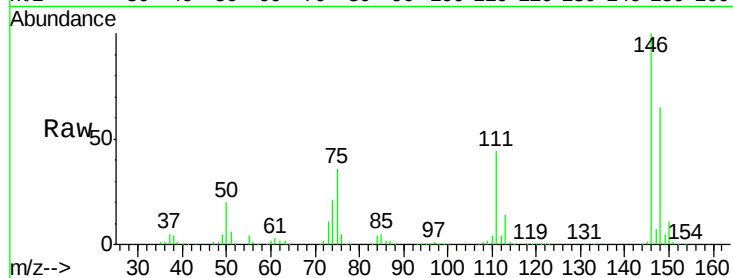
Tot Ion:146 Resp: 781957

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

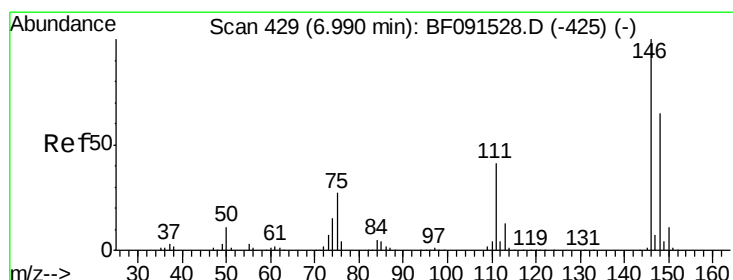
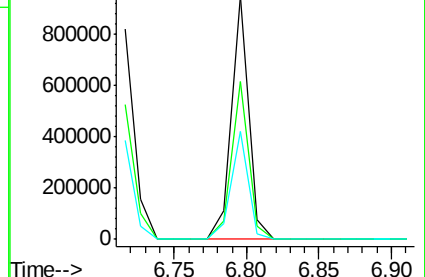
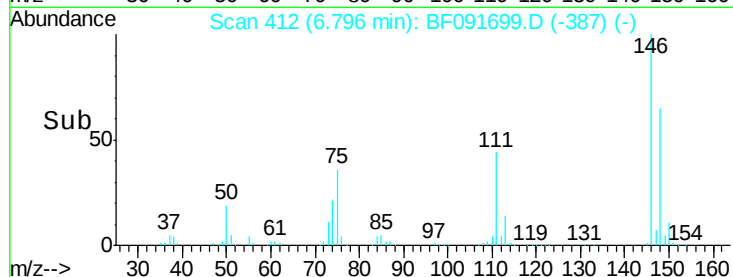
111 44.4 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.28 ng m

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

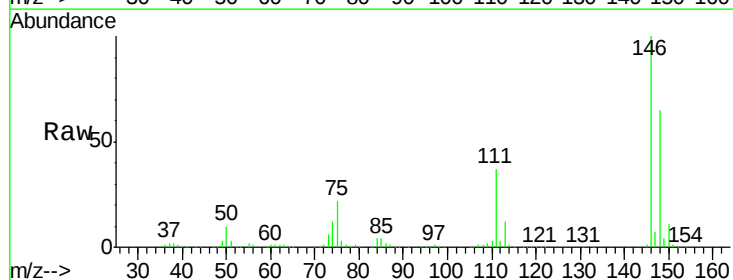
Tgt Ion:146 Resp: 711682

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

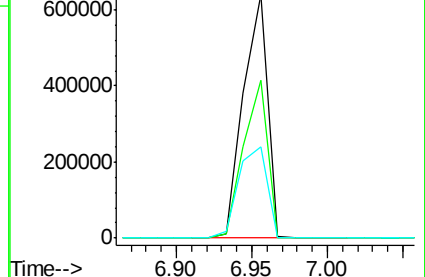
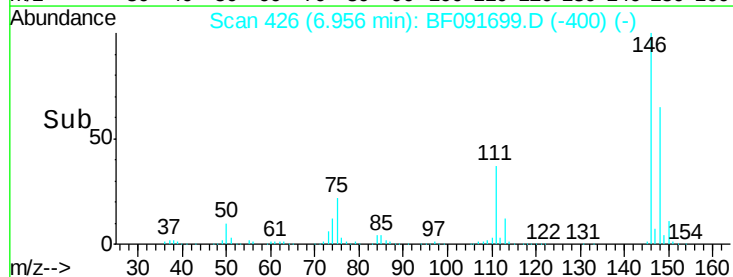
111 37.4 38.9 58.3#

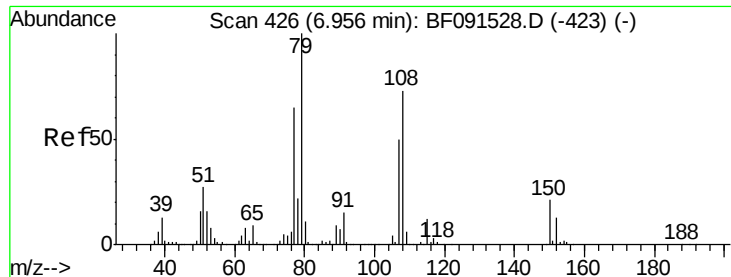


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.27 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

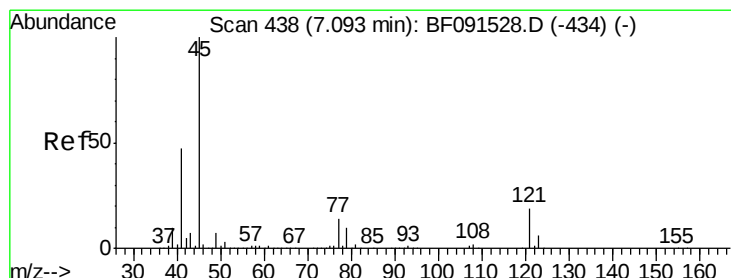
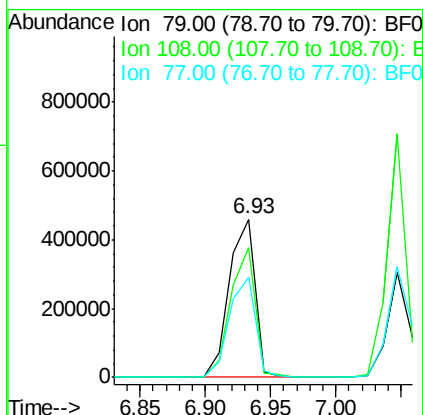
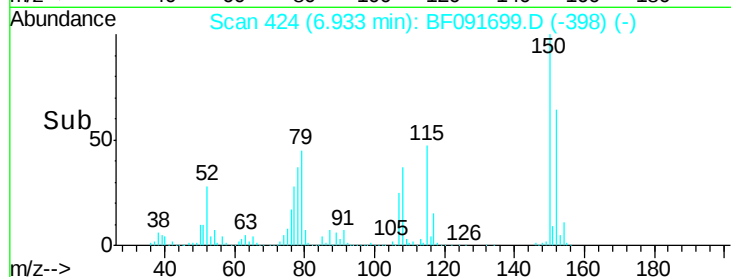
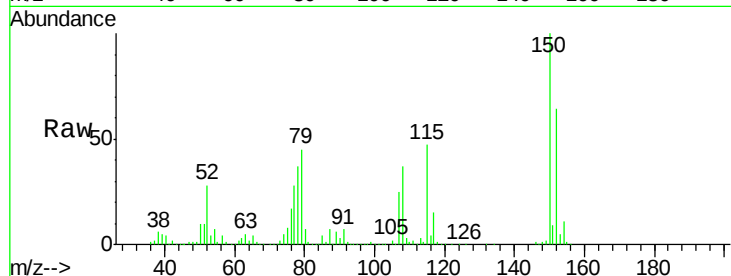
Tot Ion: 79 Resp: 630368

Ion Ratio Lower Upper

79 100

108 82.0 62.7 94.1

77 63.0 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.08 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

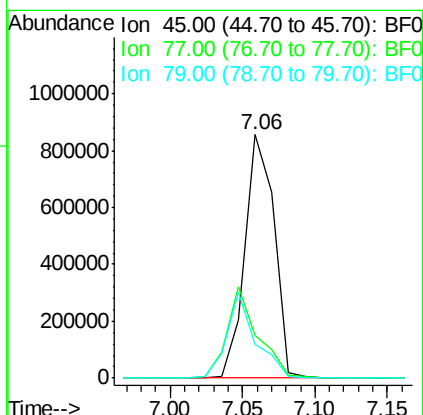
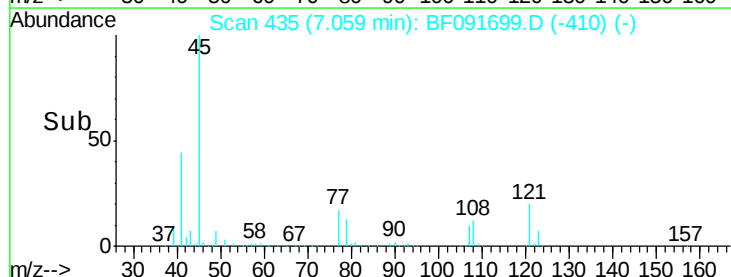
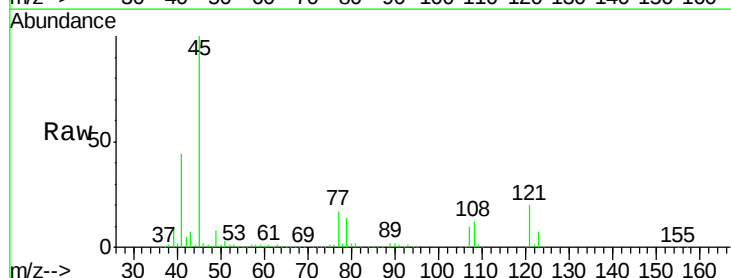
Tgt Ion: 45 Resp: 1197389

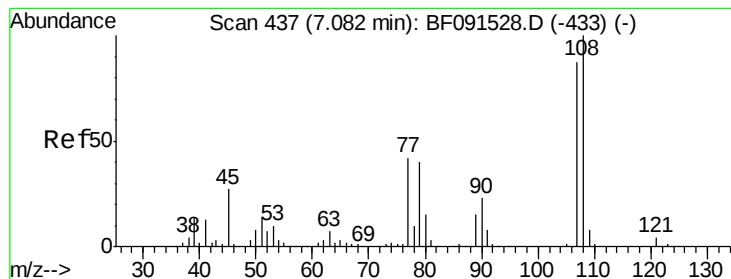
Ion Ratio Lower Upper

45 100

77 17.3 3.8 43.8

79 13.7 0.2 40.2





#17

2-Methylphenol

Concen: 49.42 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 625360

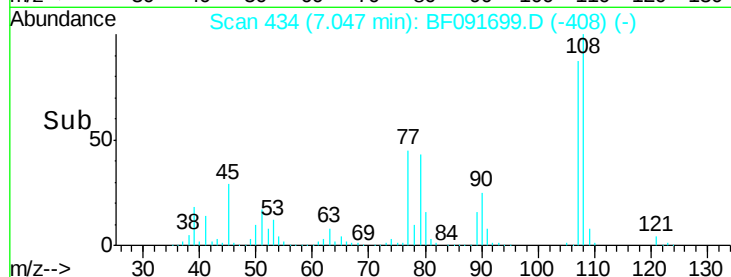
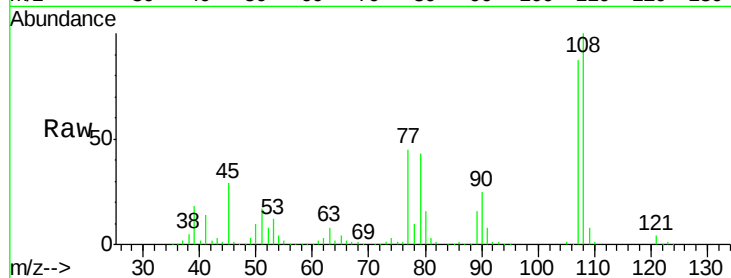
Ion Ratio Lower Upper

107 100

108 114.6 67.7 101.5#

77 51.7 40.7 61.1

79 49.4 23.4 35.2#

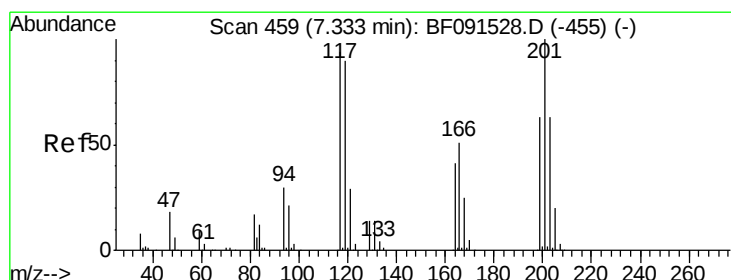
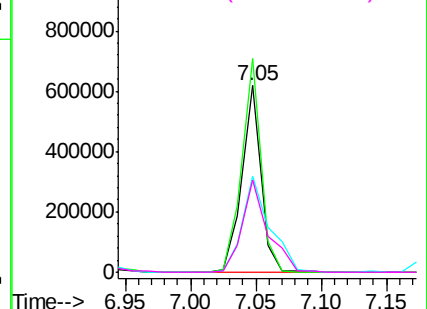


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.23 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

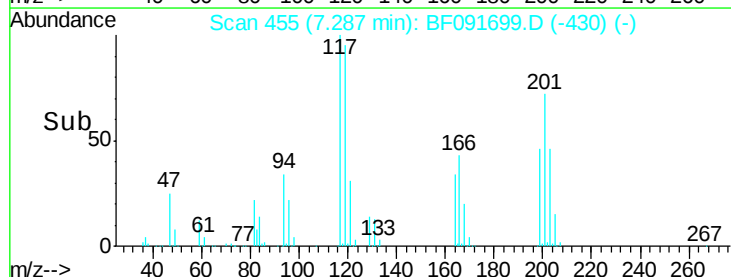
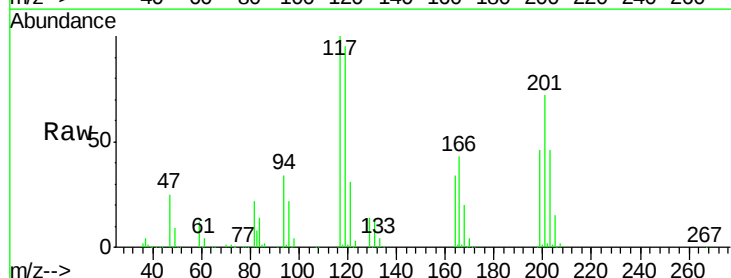
Tgt Ion:117 Resp: 263187

Ion Ratio Lower Upper

117 100

119 95.3 78.6 118.0

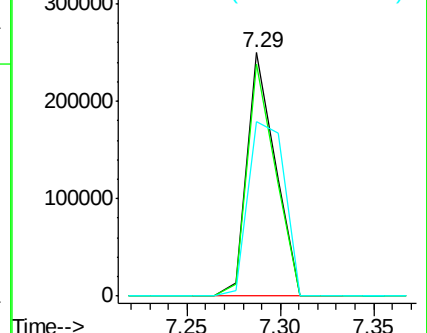
201 71.8 86.7 130.1#

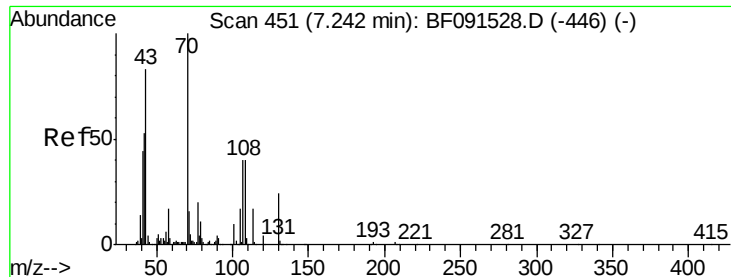


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

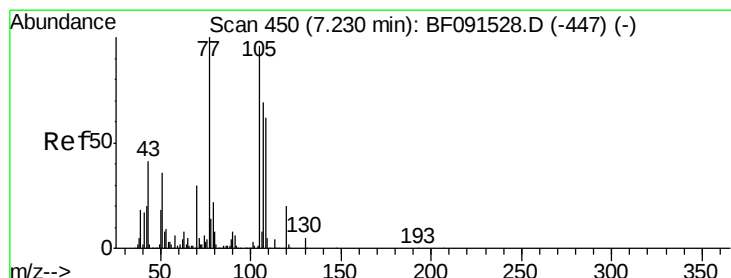
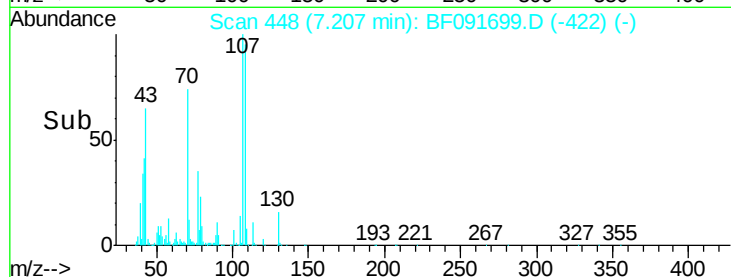
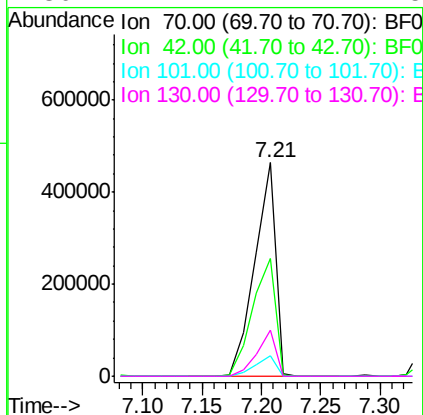
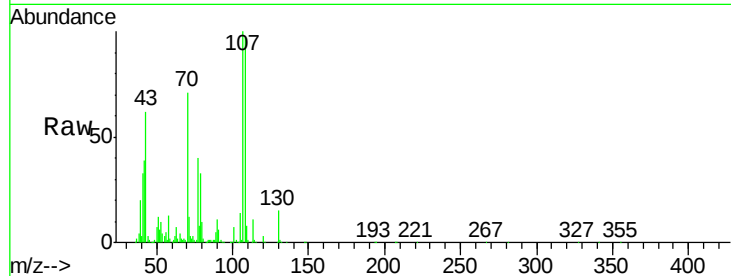




#19  
n-Nitroso-di-n-propylamine  
Concen: 54.66 ng  
RT: 7.21 min Scan# 448  
Delta R.T. 0.00 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

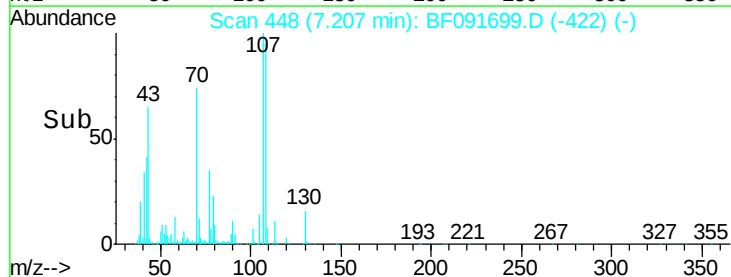
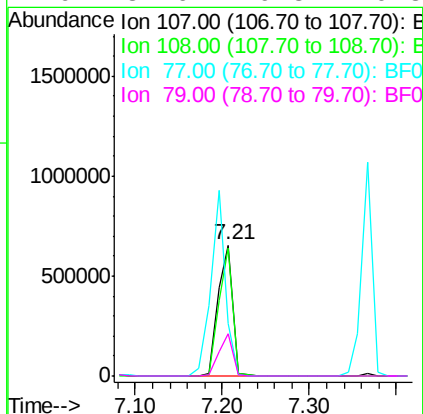
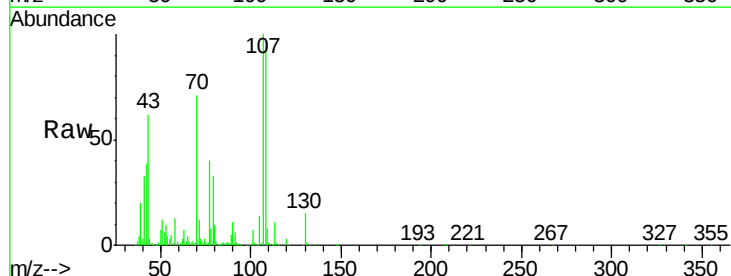
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

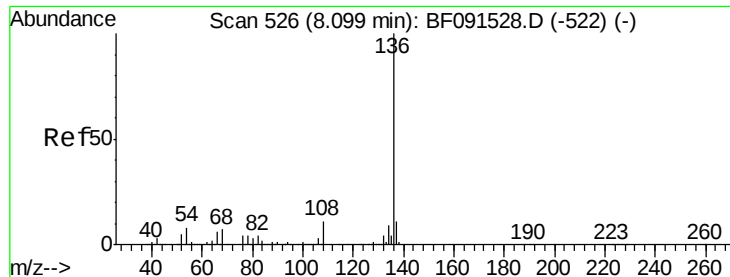
Tot Ion: 70 Resp: 577294  
Ion Ratio Lower Upper  
70 100  
42 55.4 64.8 97.2#  
101 9.7 6.2 9.4#  
130 21.7 11.7 17.5#



#20  
3+4-Methylphenols  
Concen: 57.74 ng  
RT: 7.21 min Scan# 448  
Delta R.T. 0.00 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

Tgt Ion:107 Resp: 776906  
Ion Ratio Lower Upper  
107 100  
108 97.5 64.6 104.6  
77 39.8 30.9 70.9  
79 32.6 9.3 49.3

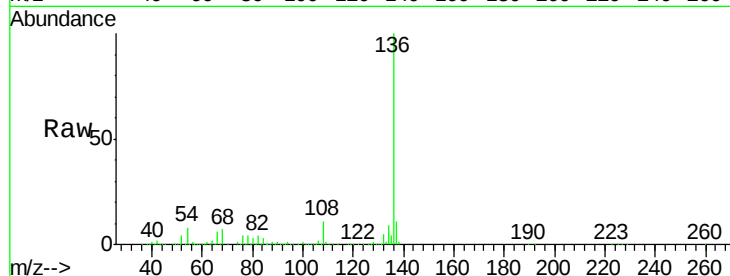




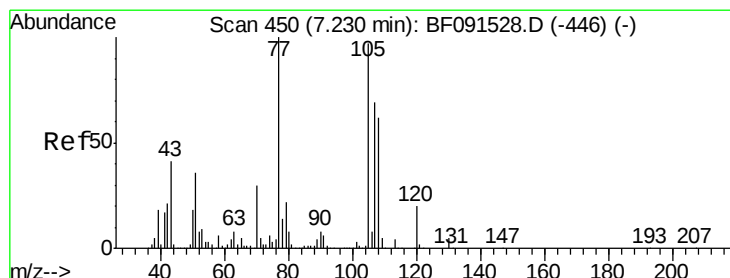
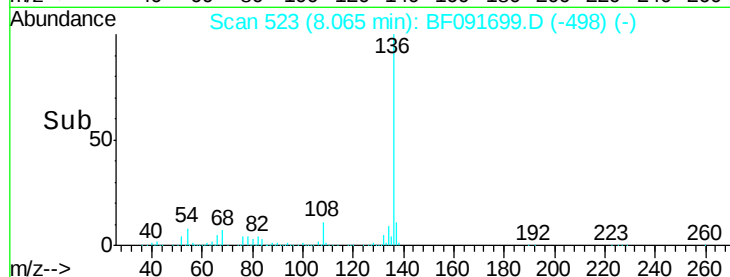
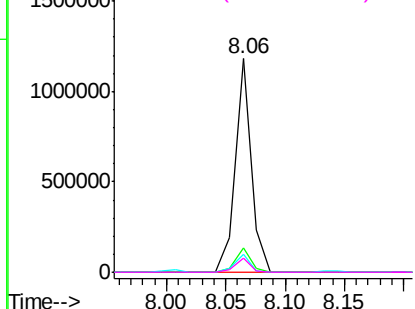
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.06 min Scan# 523  
Delta R.T. -0.01 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1105387 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.3    | 9.1 13.7      |
| 54 8.1      | 9.1 13.7#     |
| 68 6.5      | 5.9 8.9       |

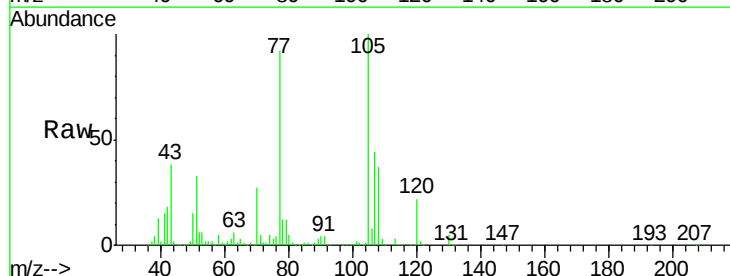


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

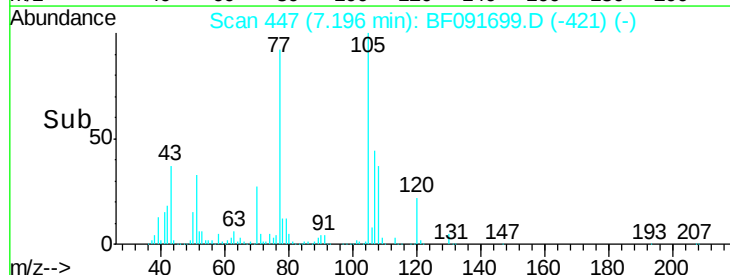
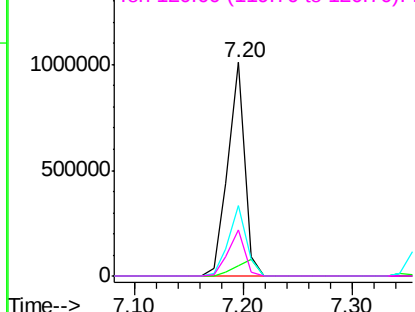


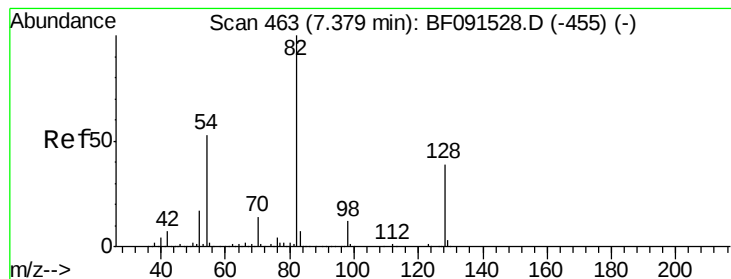
#22  
Acetophenone  
Concen: 40.87 ng  
RT: 7.20 min Scan# 447  
Delta R.T. 0.00 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1082338 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 4.5     | 7.9   | 11.9#   |
| 51  | 32.9    | 24.5  | 36.7    |
| 120 | 21.6    | 16.6  | 24.8    |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.58 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

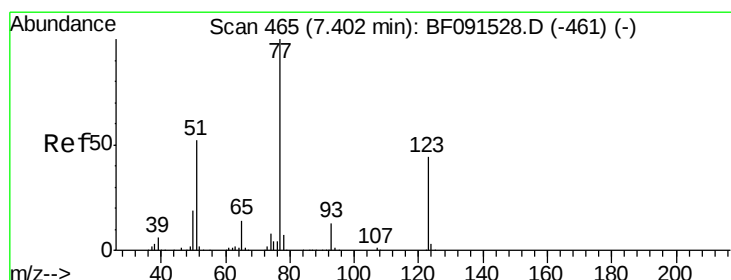
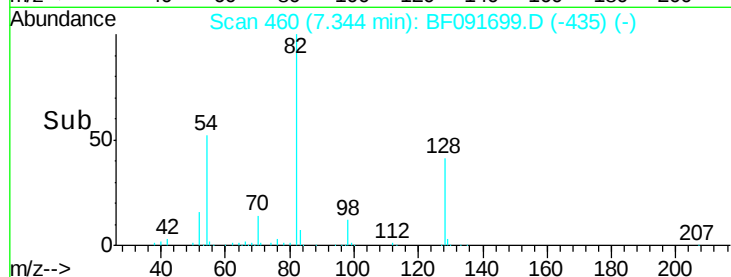
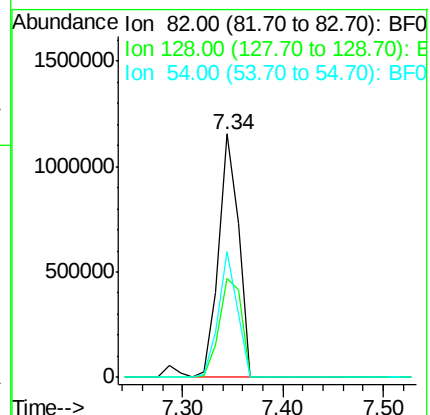
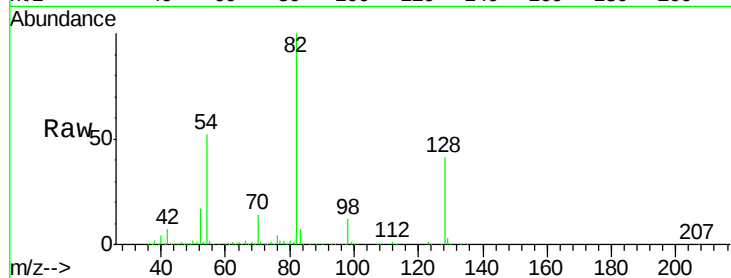
Tot Ion: 82 Resp: 1595838

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.6  | 31.8  | 47.6  |
| 54  | 51.8  | 49.1  | 73.7  |

82 100

128 40.6 31.8 47.6

54 51.8 49.1 73.7



#24

Nitrobenzene

Concen: 43.39 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

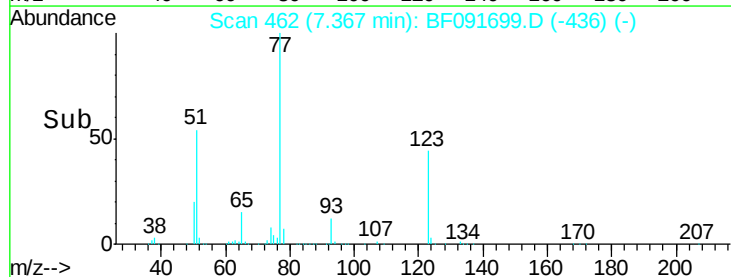
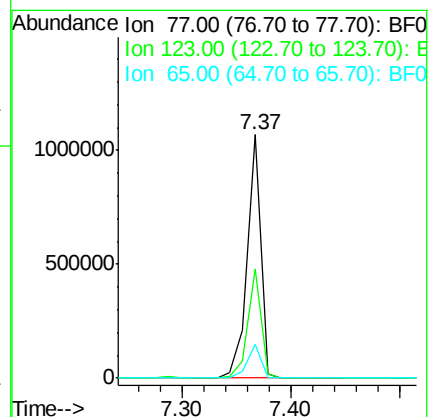
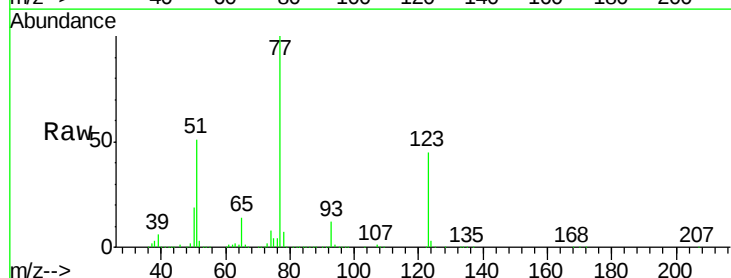
Tgt Ion: 77 Resp: 908013

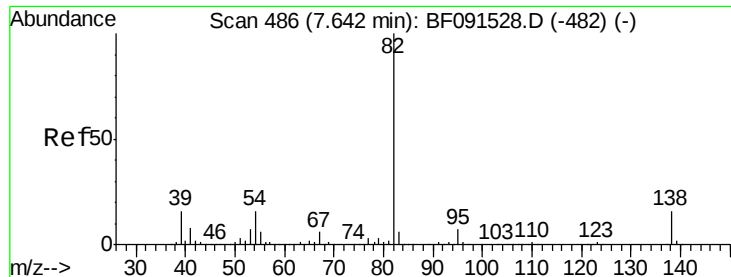
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.0  | 28.5  | 42.7# |
| 65  | 14.0  | 12.5  | 18.7  |

77 100

123 45.0 28.5 42.7#

65 14.0 12.5 18.7





#25

Isophorone

Concen: 39.92 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

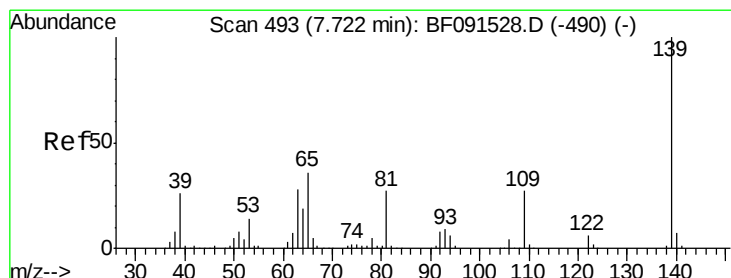
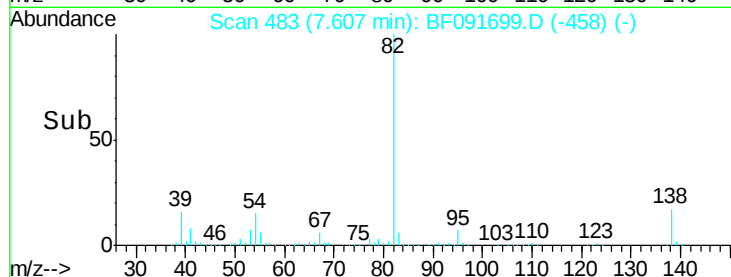
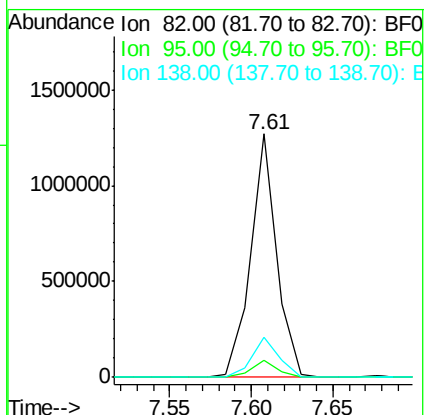
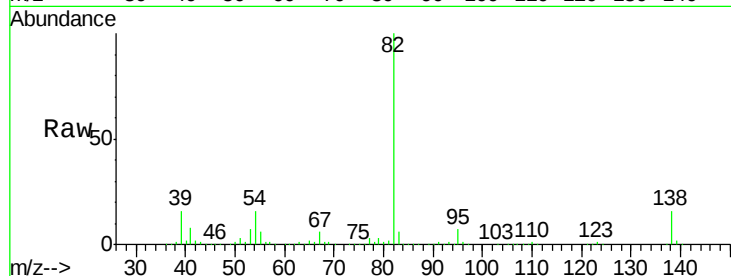
Tot Ion: 82 Resp: 1405482

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 16.3 13.4 20.0



#26

2-Nitrophenol

Concen: 40.22 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

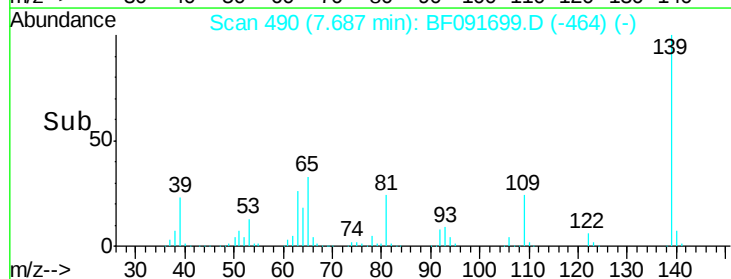
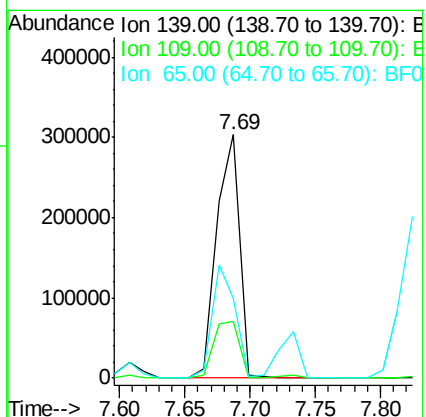
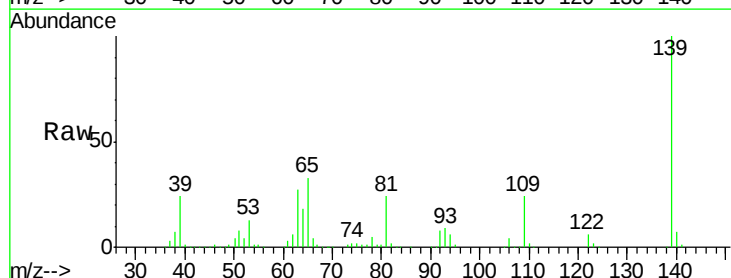
Tgt Ion: 139 Resp: 371451

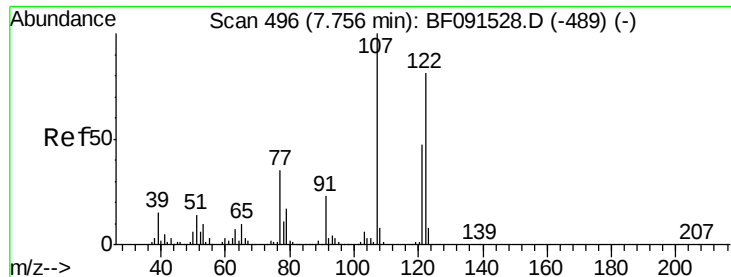
Ion Ratio Lower Upper

139 100

109 23.6 25.3 37.9#

65 32.7 55.4 83.2#

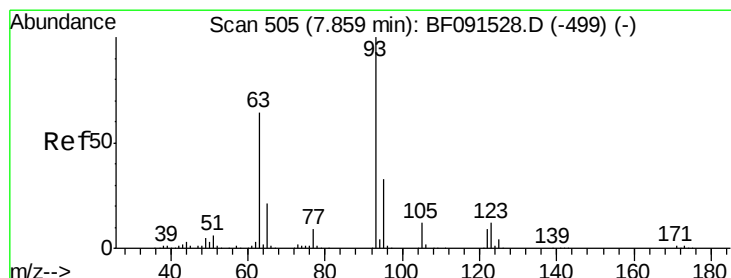
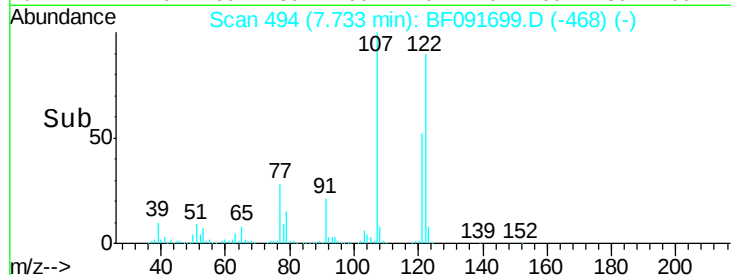
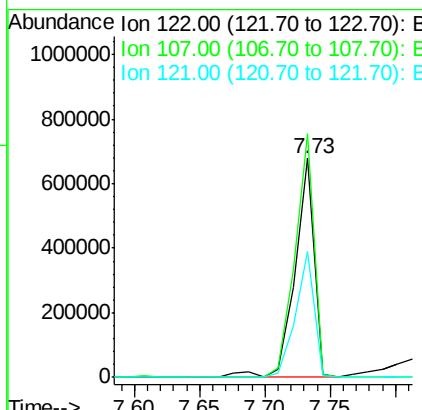
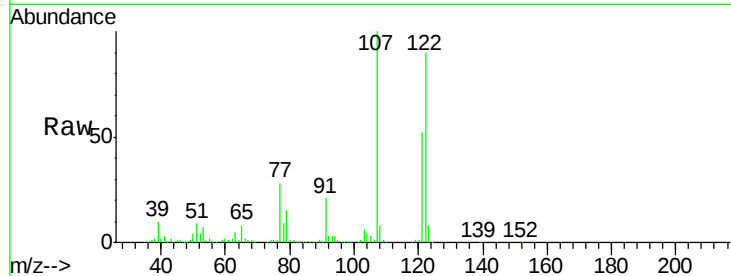




#27  
 2,4-Dimethylphenol  
 Concen: 43.48 ng  
 RT: 7.73 min Scan# 494  
 Delta R.T. 0.00 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

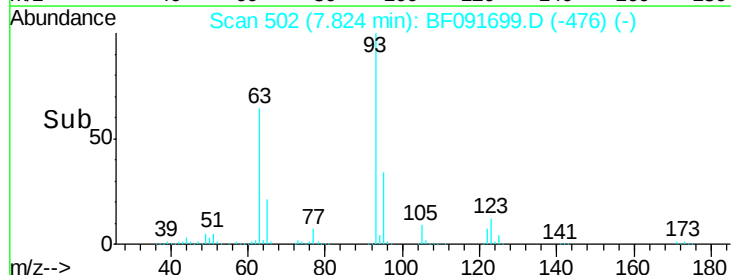
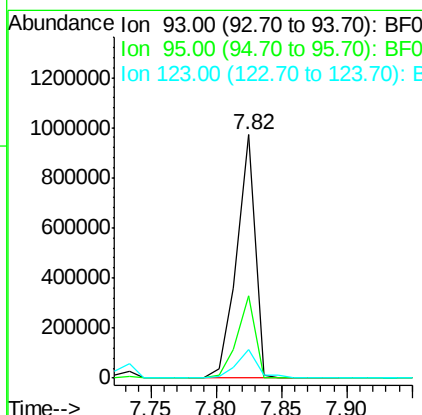
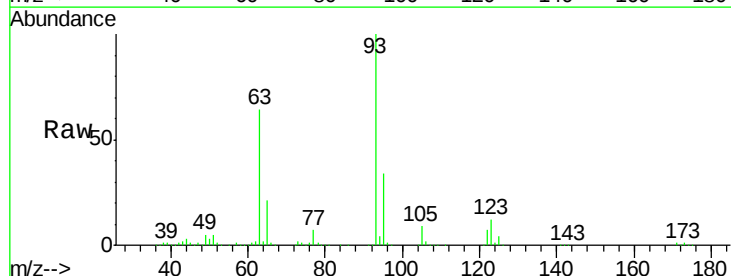
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

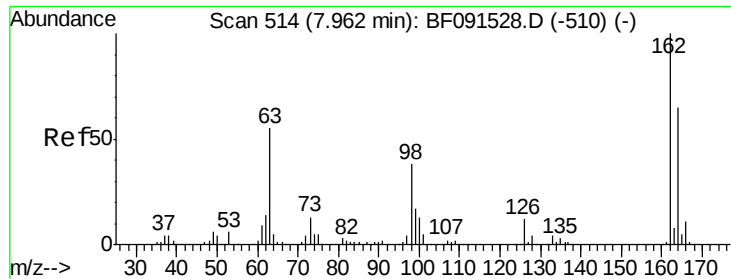
Tot Ion:122 Resp: 705245  
 Ion Ratio Lower Upper  
 122 100  
 107 111.1 96.8 145.2  
 121 57.2 47.7 71.5



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.92 ng  
 RT: 7.82 min Scan# 502  
 Delta R.T. 0.00 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Tgt Ion: 93 Resp: 948231  
 Ion Ratio Lower Upper  
 93 100  
 95 33.8 26.0 39.0  
 123 12.0 8.6 12.8

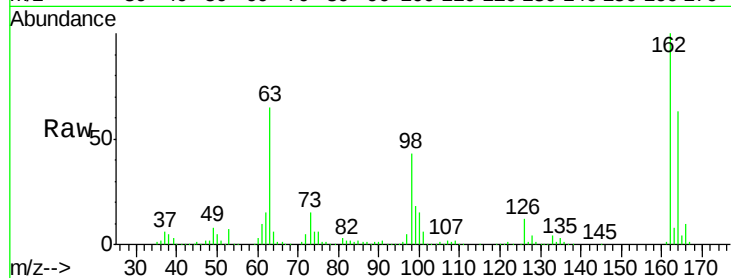




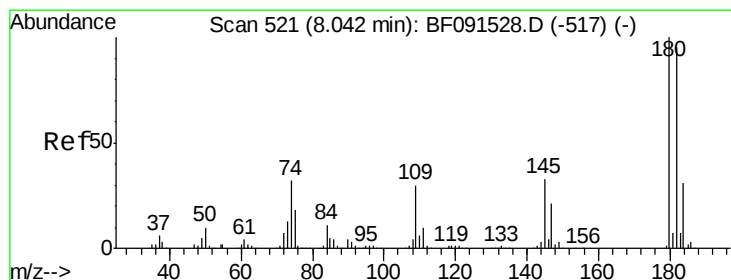
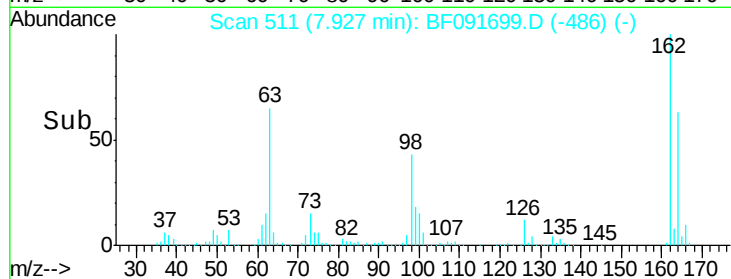
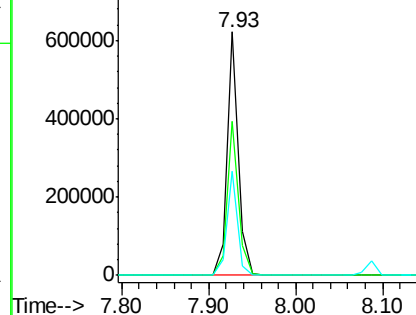
#29  
 2,4-Dichlorophenol  
 Concen: 40.08 ng  
 RT: 7.93 min Scan# 511  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:162 Resp: 565650  
 Ion Ratio Lower Upper  
 162 100  
 164 63.4 45.0 85.0  
 98 42.7 21.3 61.3

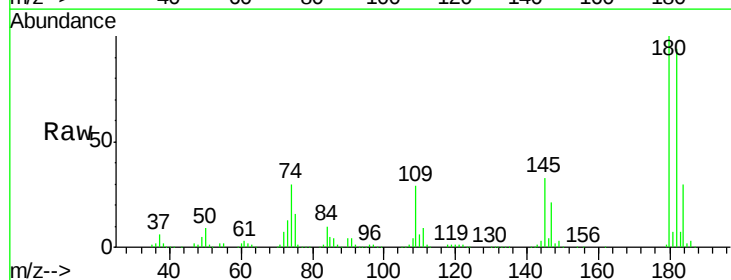


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

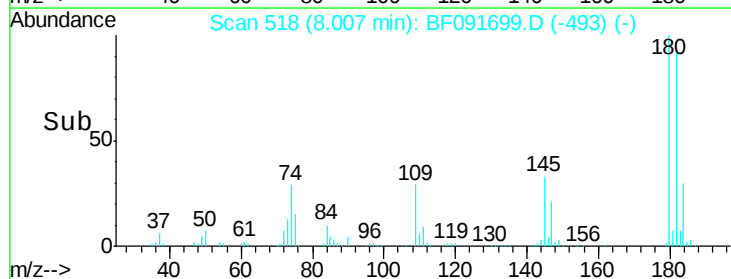
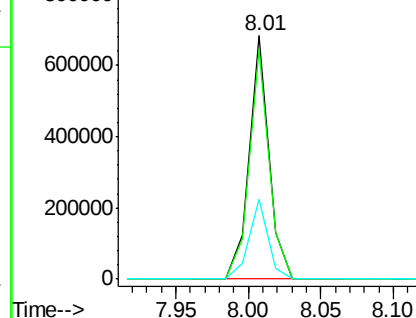


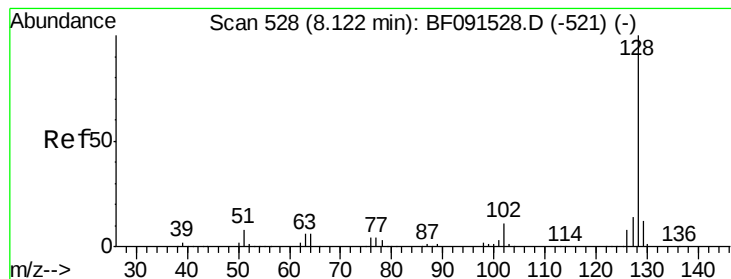
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.12 ng  
 RT: 8.01 min Scan# 518  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Tgt Ion:180 Resp: 643499  
 Ion Ratio Lower Upper  
 180 100  
 182 94.3 75.8 113.8  
 145 32.7 27.0 40.4



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.97 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

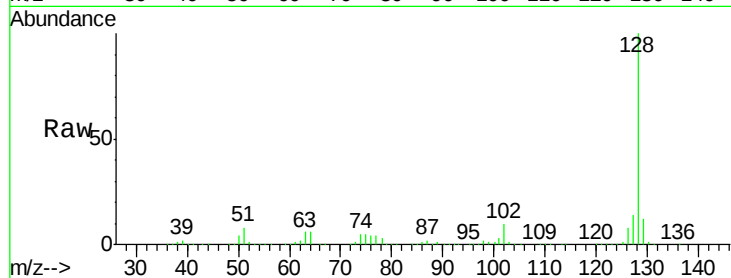
Tot Ion:128 Resp: 2055896

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

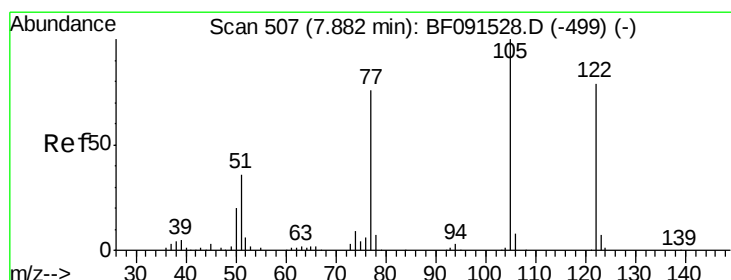
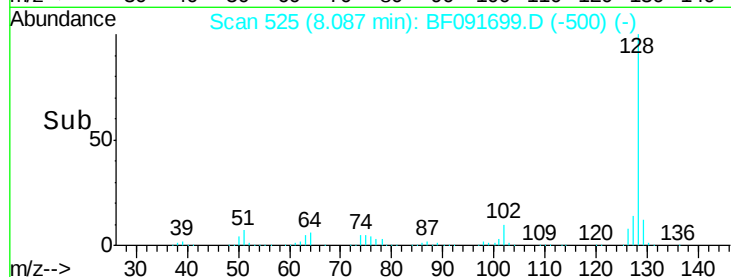
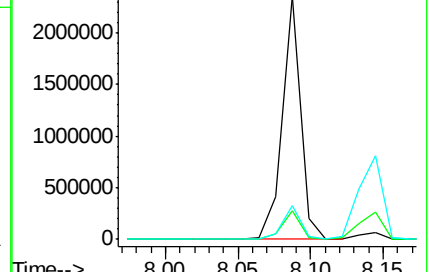
127 13.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.73 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

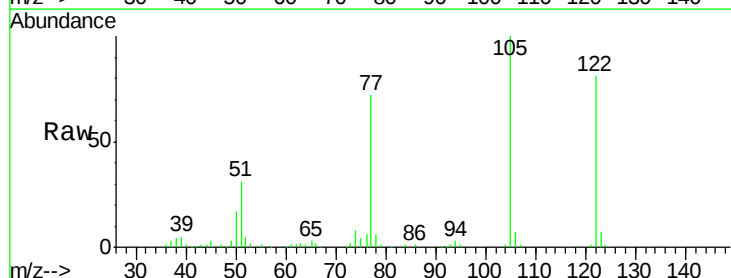
Tgt Ion:122 Resp: 334834

Ion Ratio Lower Upper

122 100

105 124.0 113.0 153.0

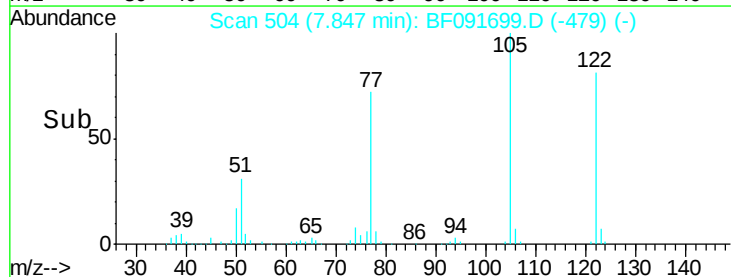
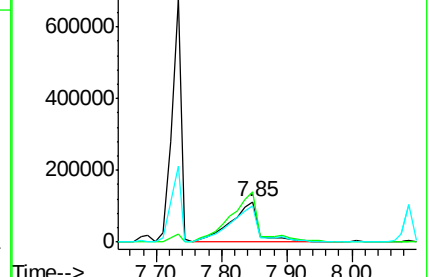
77 89.7 82.0 122.0

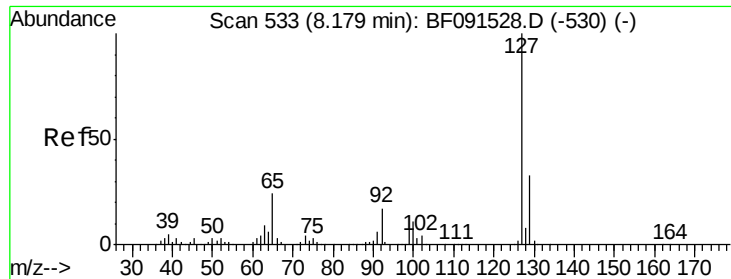


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

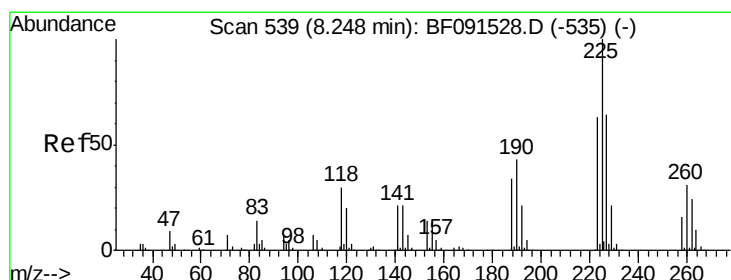
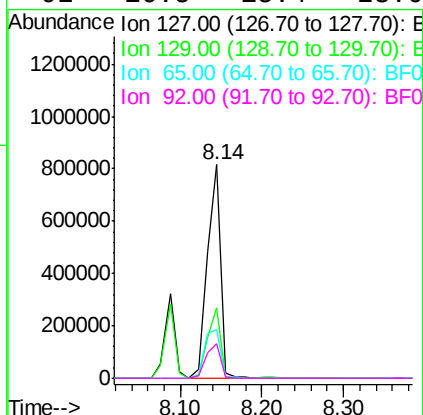
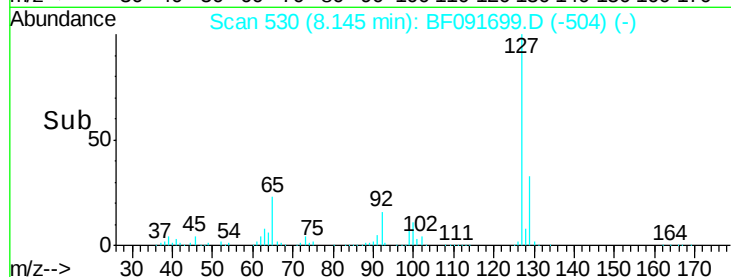
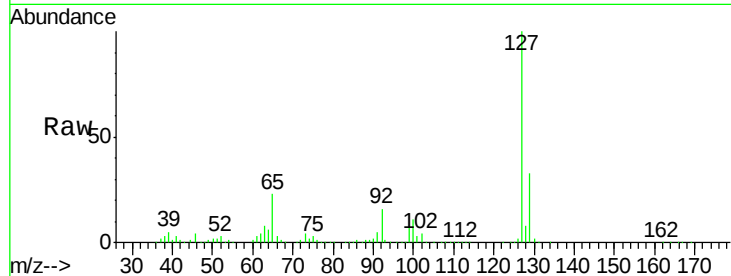




#33  
4-Chloroaniline  
Concen: 42.41 ng  
RT: 8.14 min Scan# 530  
Delta R.T. 0.00 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

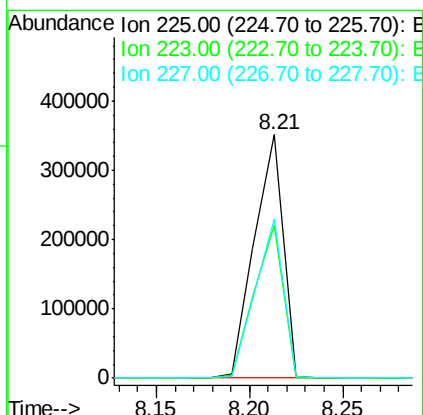
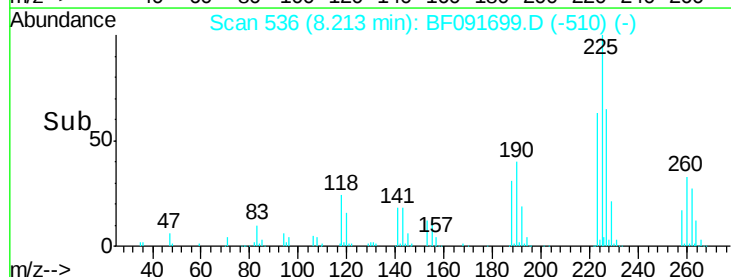
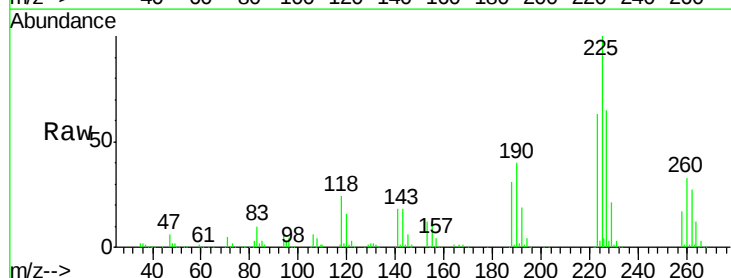
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

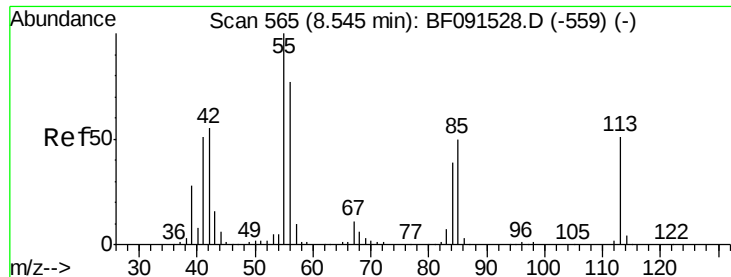
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 939778 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 26.2  | 39.4   |
| 65       | 23.1  | 26.6  | 39.8   |
| 92       | 16.5  | 15.4  | 23.0   |



#34  
Hexachlorobutadiene  
Concen: 40.85 ng  
RT: 8.21 min Scan# 536  
Delta R.T. 0.00 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 375663 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 49.8  | 74.6   |
| 227      | 65.3  | 52.6  | 79.0   |





#35

Caprolactam

Concen: 34.69 ng

RT: 8.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

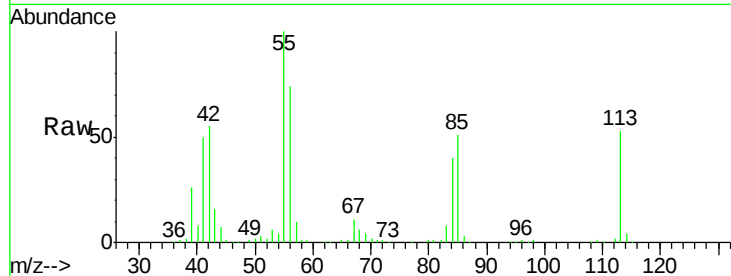
Tot Ion:113 Resp: 142968

Ion Ratio Lower Upper

113 100

55 188.9 239.8 279.8#

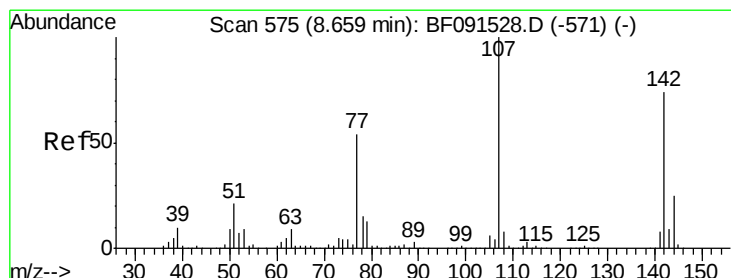
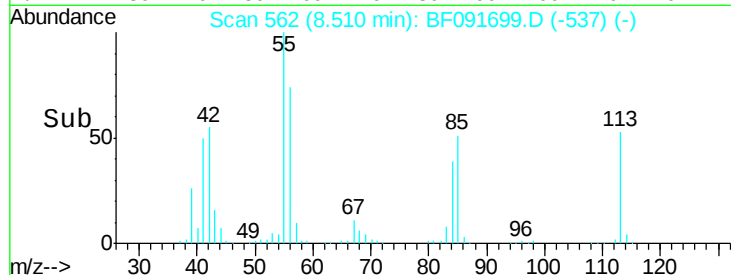
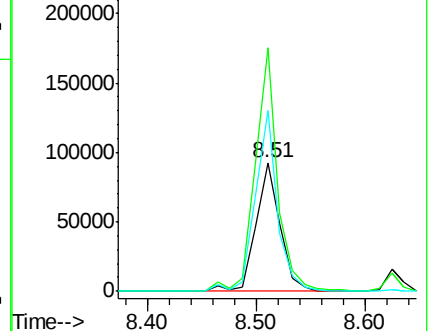
56 140.3 165.6 205.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.82 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

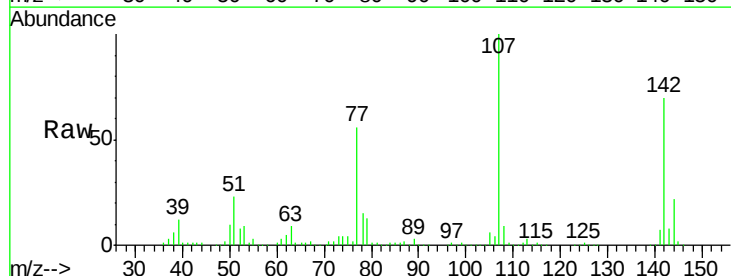
Tgt Ion:107 Resp: 551073

Ion Ratio Lower Upper

107 100

144 22.5 18.9 28.3

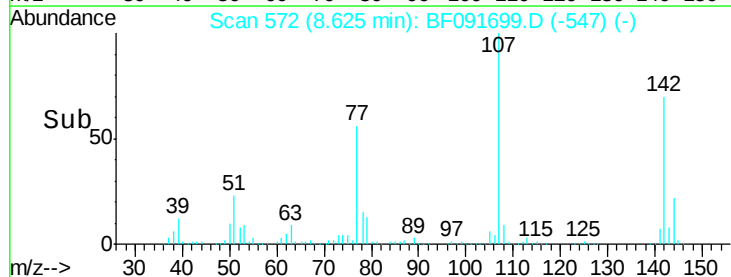
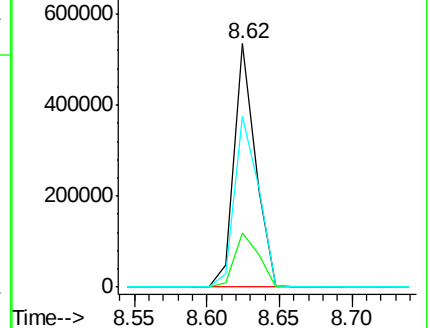
142 69.8 58.5 87.7

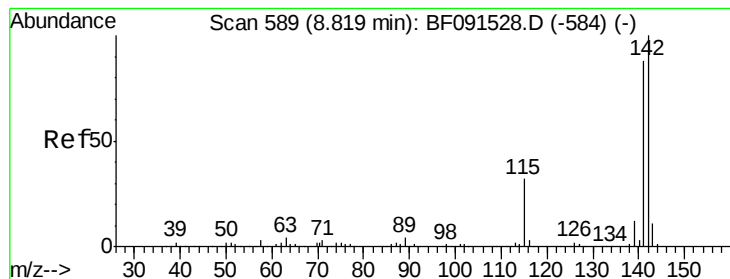


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

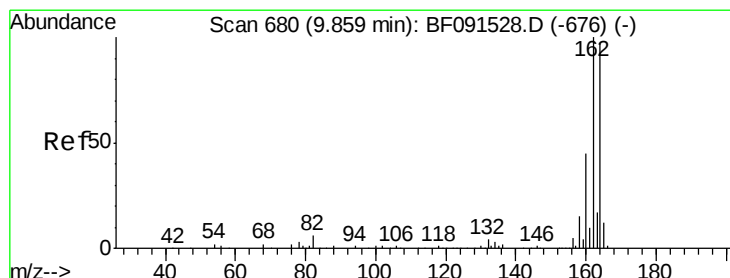
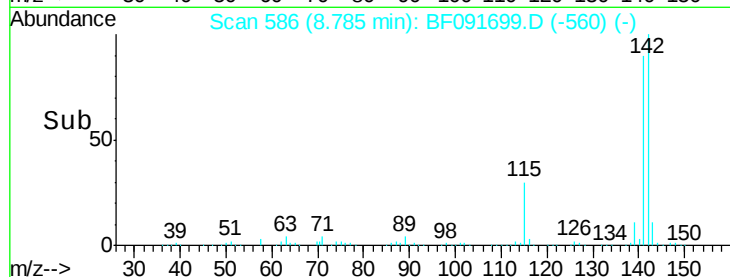
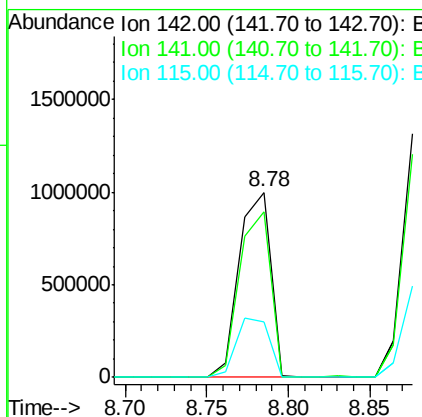
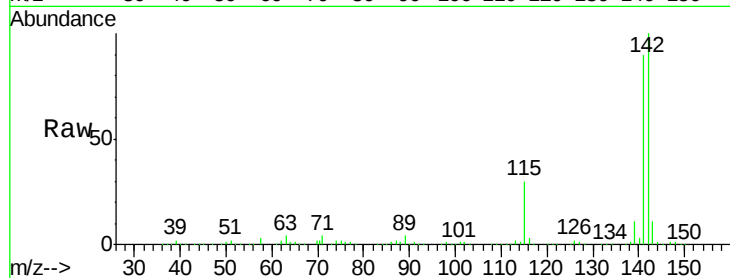




#37  
 2-Methylnaphthalene  
 Concen: 40.24 ng  
 RT: 8.78 min Scan# 586  
 Delta R.T. 0.00 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

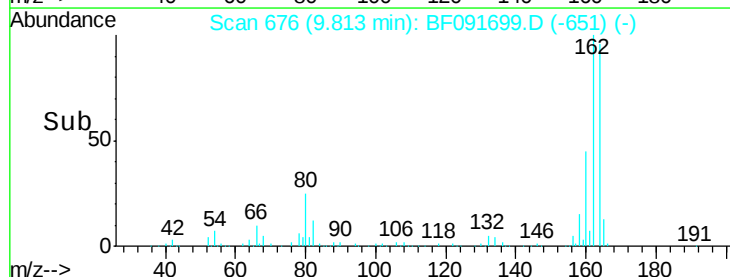
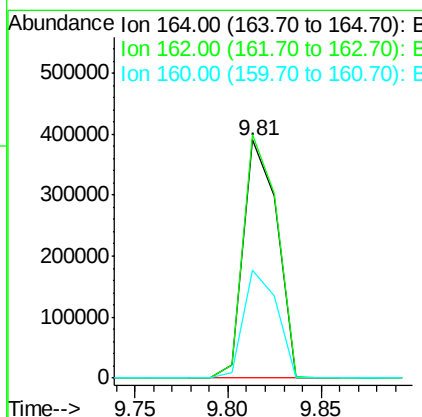
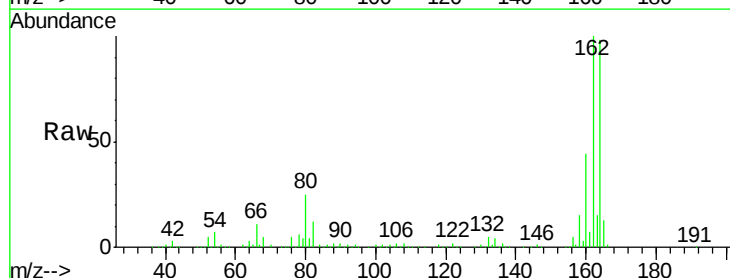
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

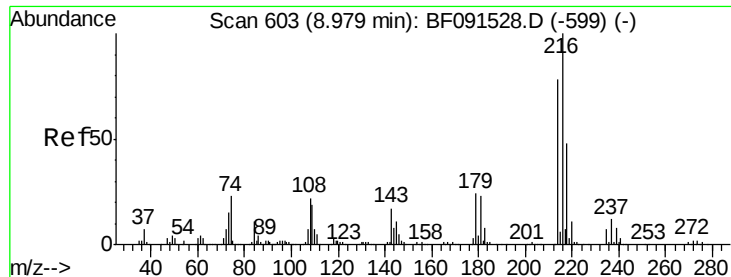
Tot Ion:142 Resp: 1339540  
 Ion Ratio Lower Upper  
 142 100  
 141 89.5 71.7 107.5  
 115 30.0 25.0 37.6



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.81 min Scan# 676  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Tgt Ion:164 Resp: 489206  
 Ion Ratio Lower Upper  
 164 100  
 162 102.2 82.6 124.0  
 160 45.4 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.29 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 553959

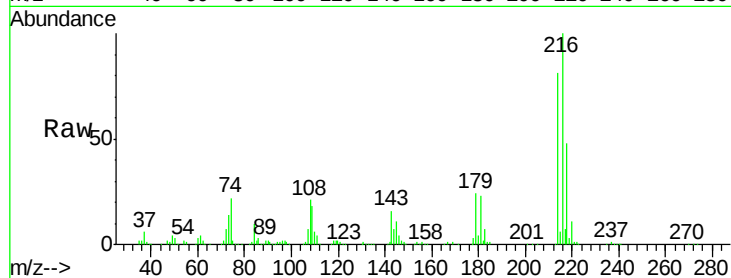
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.8

179 23.6 18.2 27.2

108 21.1 17.2 25.8

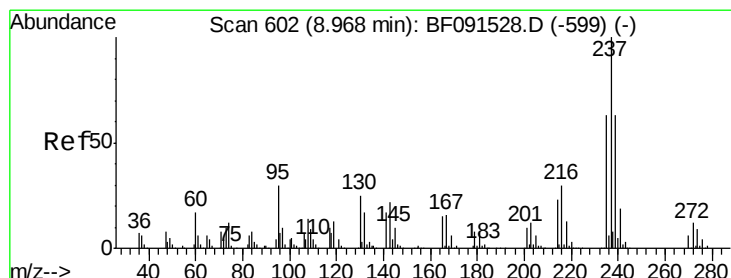
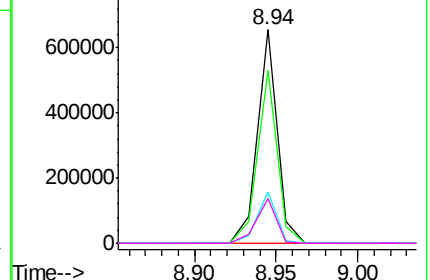
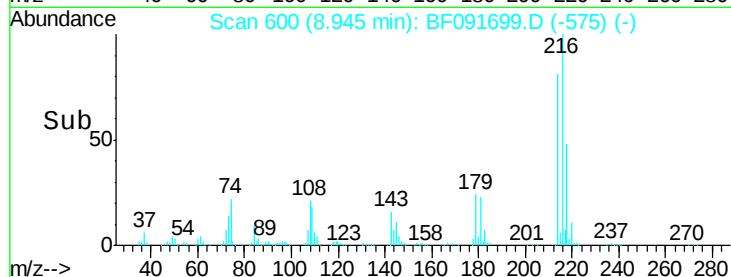


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.42 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

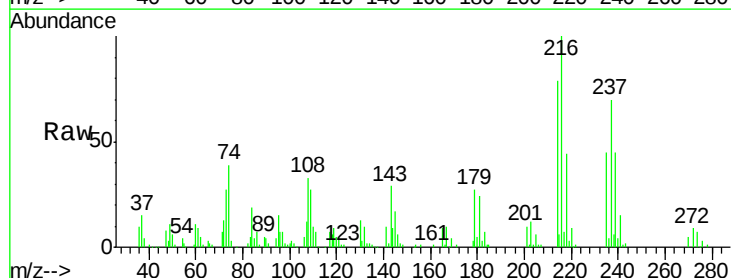
Tgt Ion:237 Resp: 50395

Ion Ratio Lower Upper

237 100

235 64.9 43.9 83.9

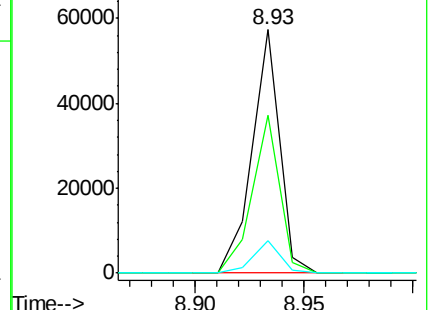
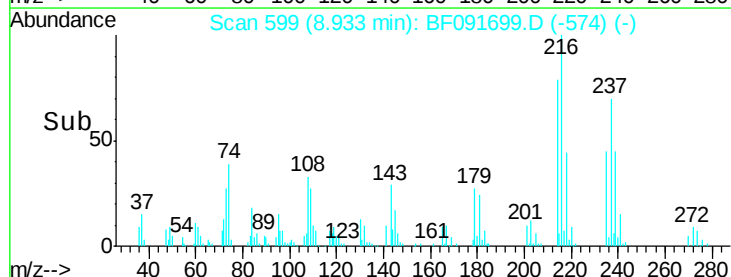
272 13.1 0.0 33.1

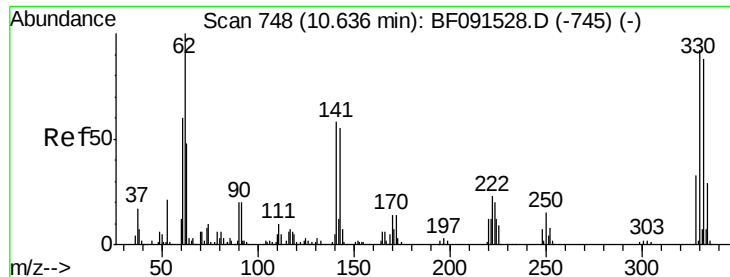


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

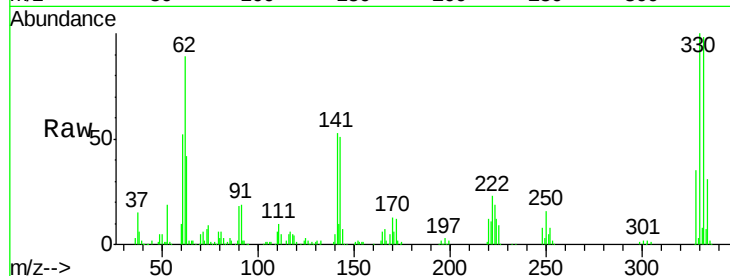




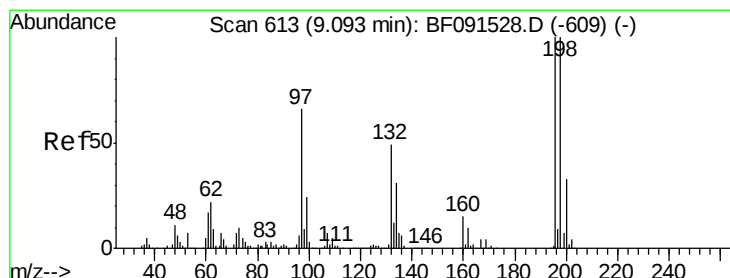
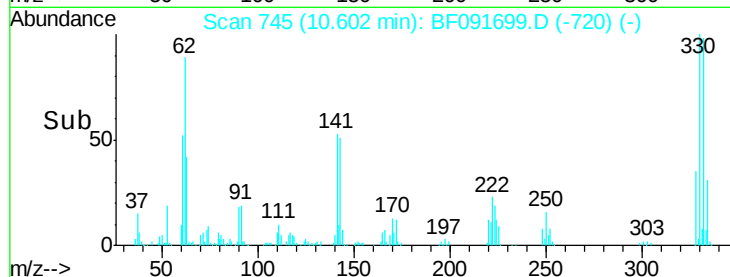
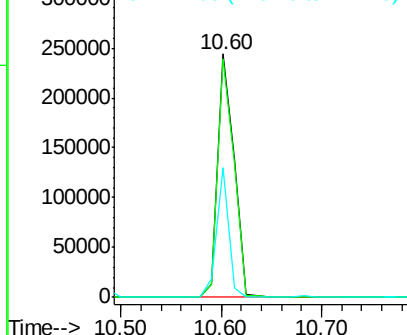
#41  
 2,4,6-Tribromophenol  
 Concen: 67.78 ng  
 RT: 10.60 min Scan# 745  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:330 Resp: 275397  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 76.2 114.4  
 141 39.7 33.6 50.4

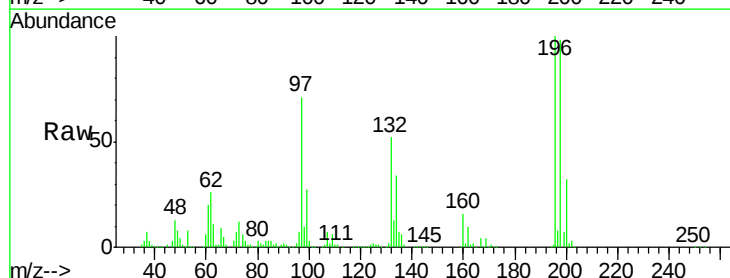


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

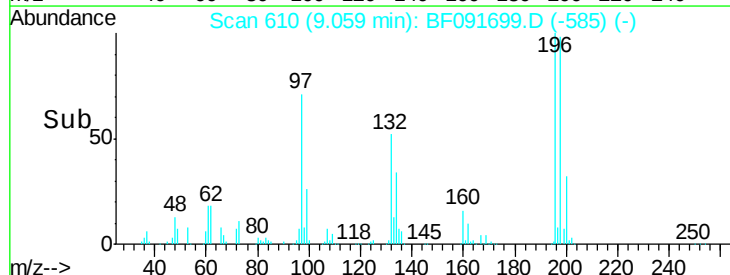
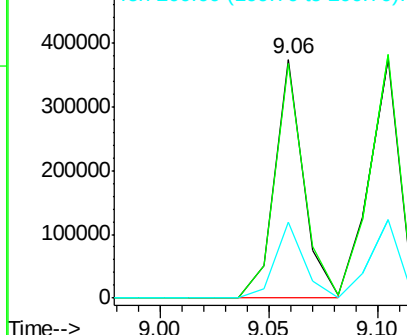


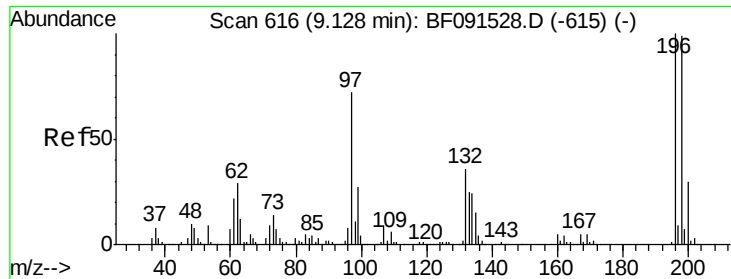
#42  
 2,4,6-Trichlorophenol  
 Concen: 40.28 ng  
 RT: 9.06 min Scan# 610  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Tgt Ion:196 Resp: 347266  
 Ion Ratio Lower Upper  
 196 100  
 198 98.5 77.4 116.0  
 200 31.7 25.2 37.8



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

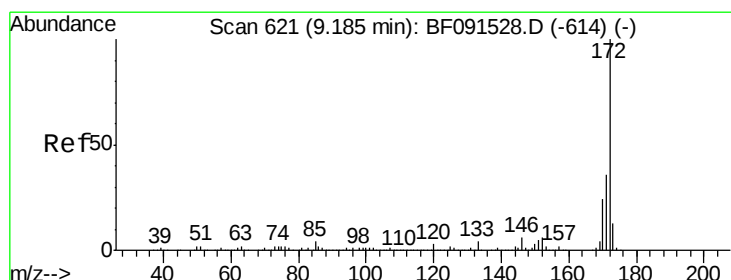
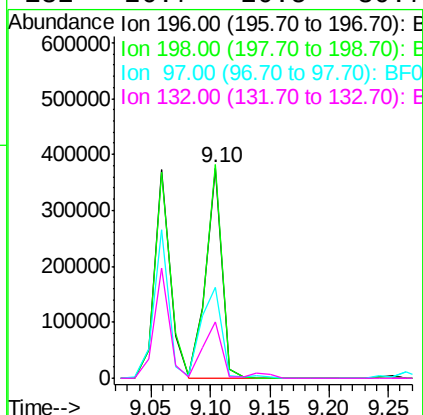
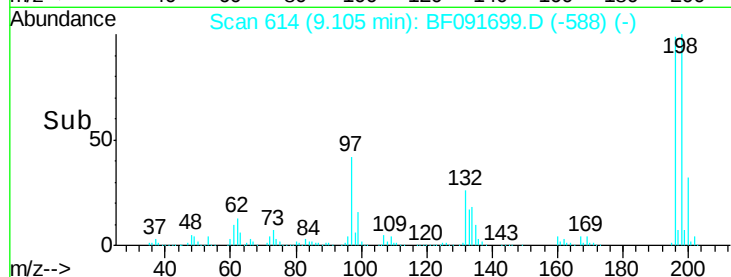
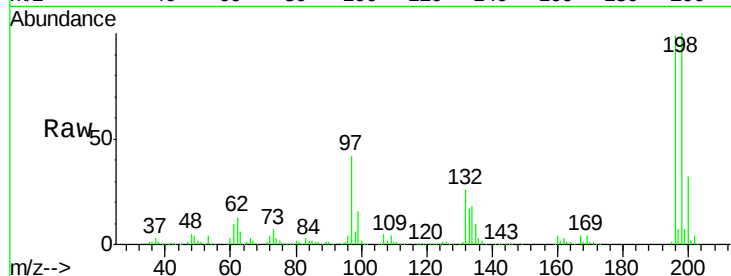




#43  
 2,4,5-Trichlorophenol  
 Concen: 40.39 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. 0.00 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

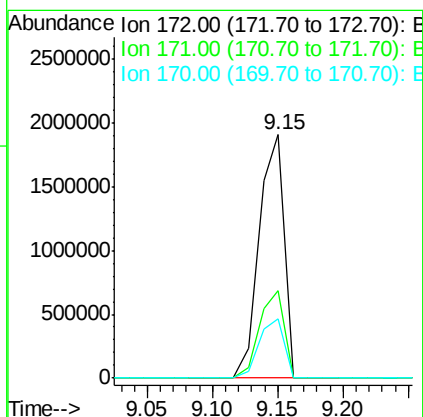
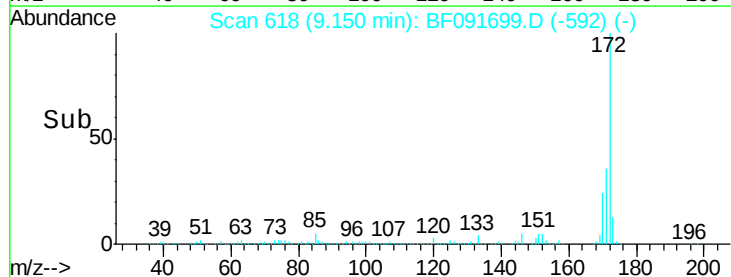
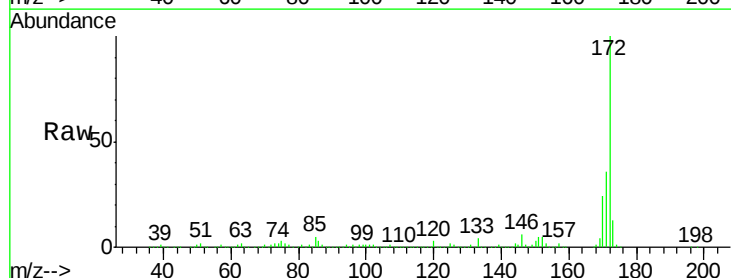
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

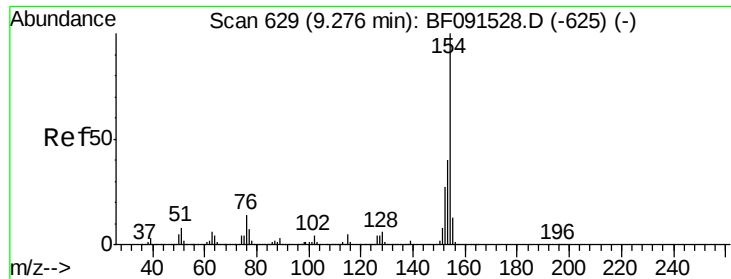
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 357812 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 101.5 | 77.0  | 115.6  |
| 97        | 43.0  | 33.5  | 50.3   |
| 132       | 26.7  | 20.5  | 30.7   |



#44  
 2-Fluorobiphenyl  
 Concen: 89.46 ng  
 RT: 9.15 min Scan# 618  
 Delta R.T. 0.00 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 2532838 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 35.9  | 29.4  | 44.0    |
| 170       | 24.1  | 19.7  | 29.5    |





#45

1,1'-Biphenyl

Concen: 41.20 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

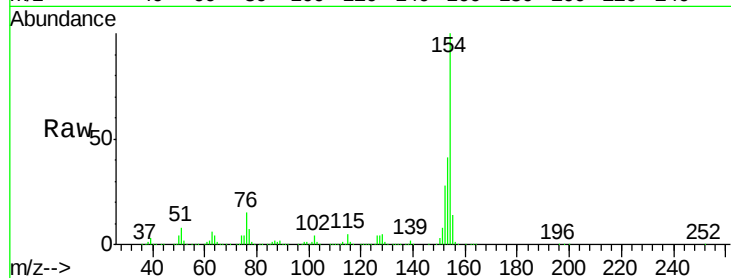
Tot Ion:154 Resp: 1459702

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

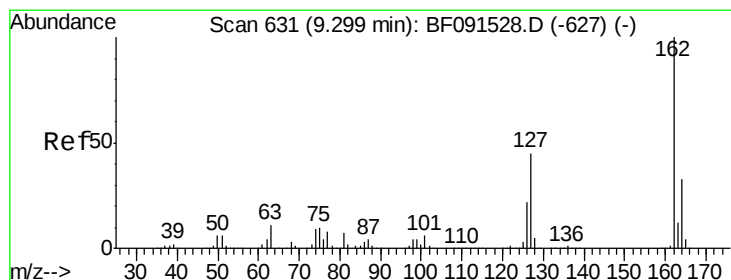
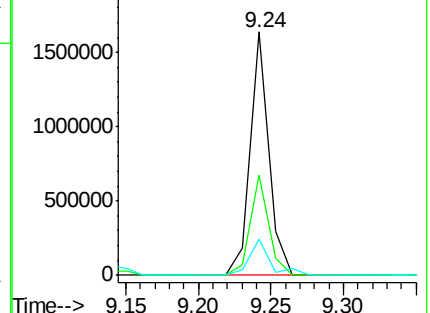
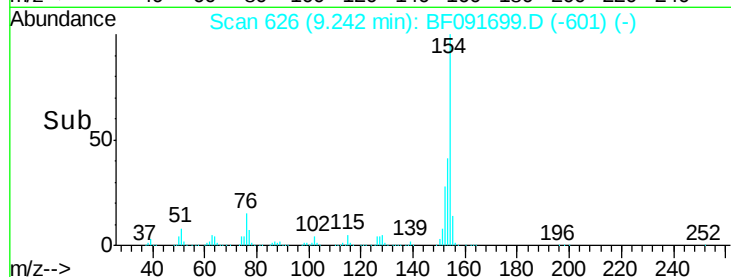
76 14.8 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.77 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

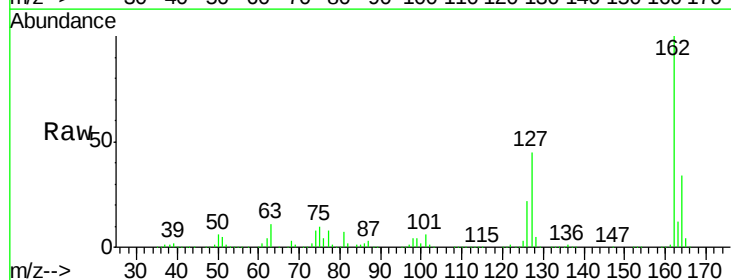
Tgt Ion:162 Resp: 1091168

Ion Ratio Lower Upper

162 100

127 44.7 34.3 51.5

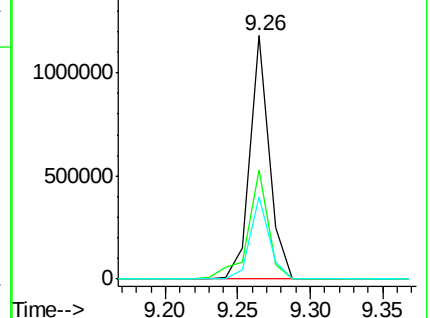
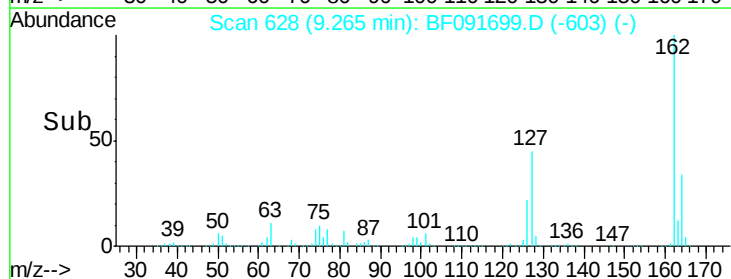
164 33.7 26.6 40.0

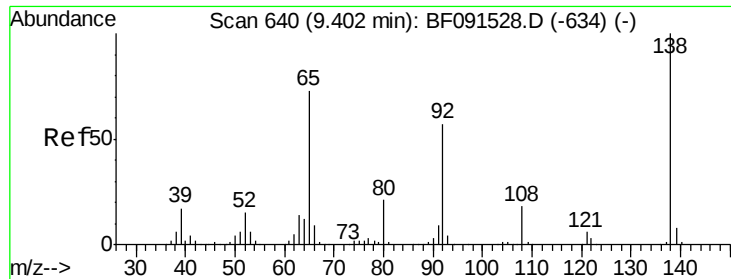


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

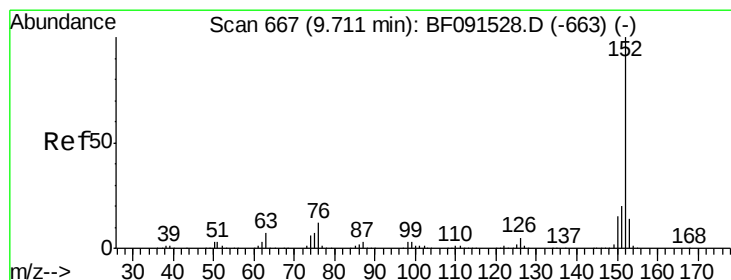
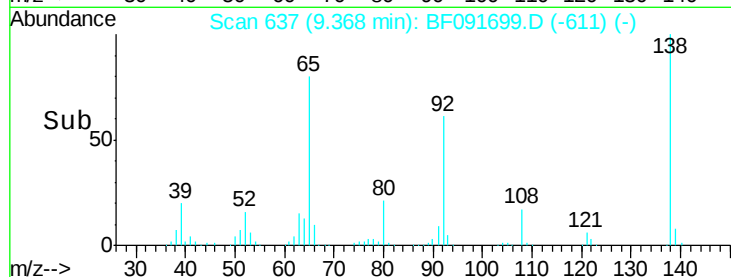
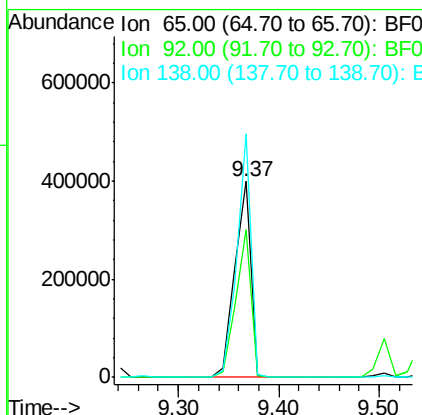
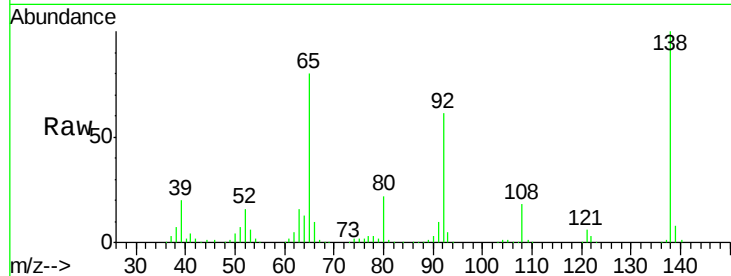




#47  
2-Nitroaniline  
Concen: 48.06 ng  
RT: 9.37 min Scan# 637  
Delta R.T. 0.00 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

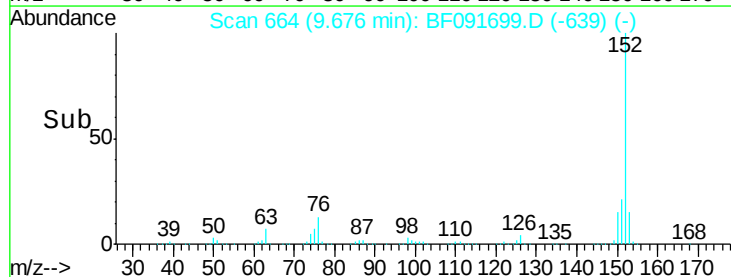
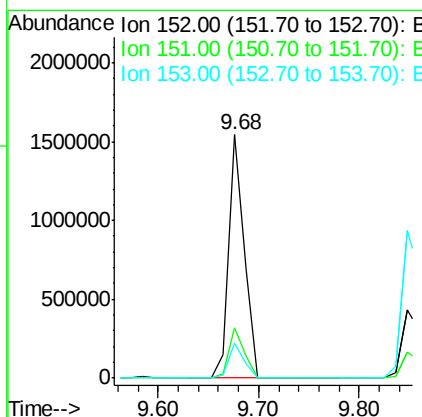
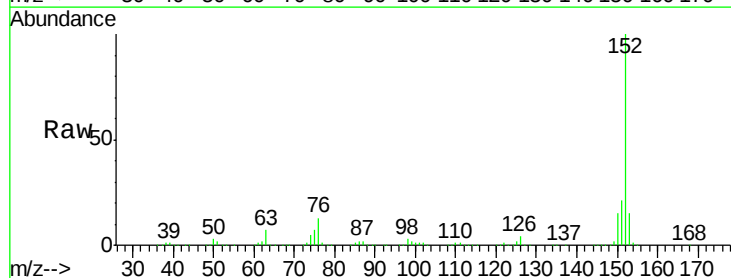
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

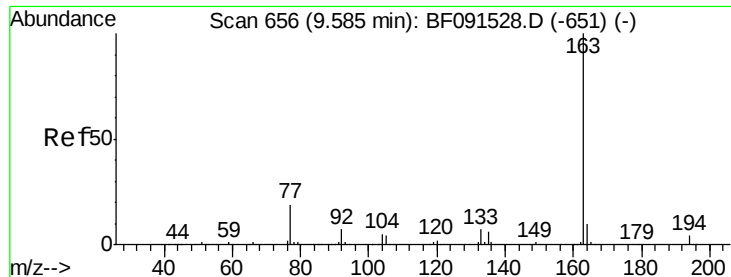
Tot Ion: 65 Resp: 443416  
Ion Ratio Lower Upper  
65 100  
92 75.4 53.6 80.4  
138 124.3 91.0 136.6



#48  
Acenaphthylene  
Concen: 39.24 ng  
RT: 9.68 min Scan# 664  
Delta R.T. -0.01 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

Tgt Ion: 152 Resp: 1641356  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.6 24.8  
153 14.6 10.7 16.1

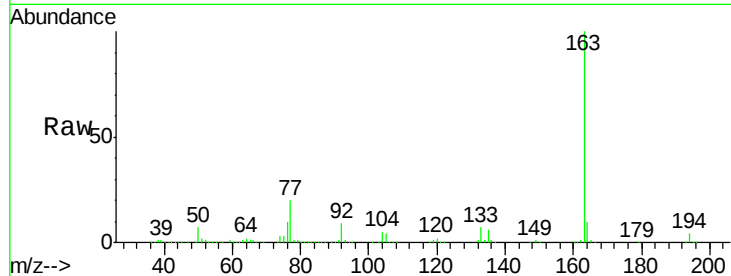




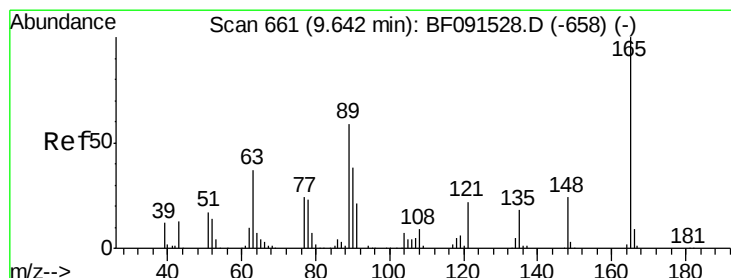
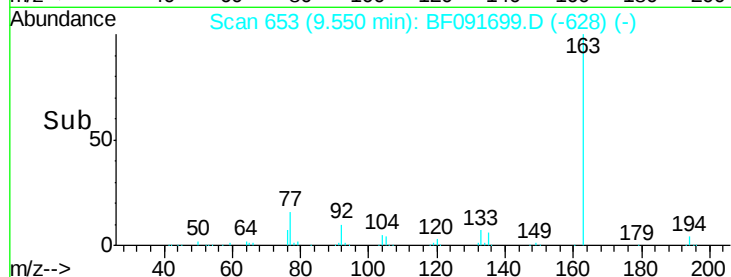
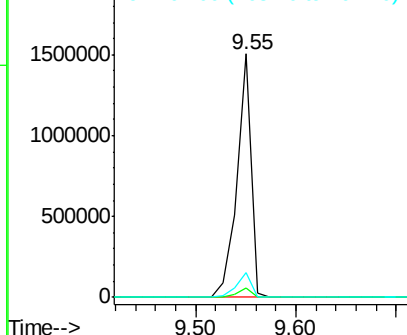
#49  
Dimethylphthalate  
Concen: 47.37 ng  
RT: 9.55 min Scan# 653  
Delta R.T. -0.01 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:163 Resp: 1467362  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.0 4.4  
164 10.4 7.8 11.8

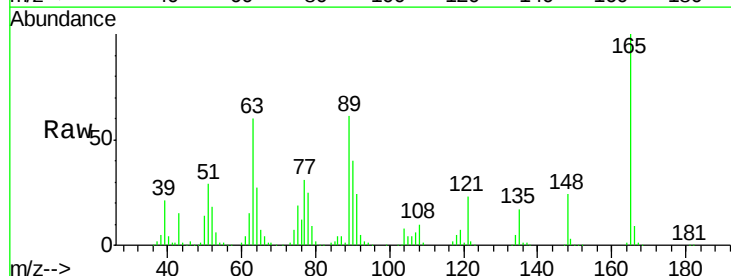


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

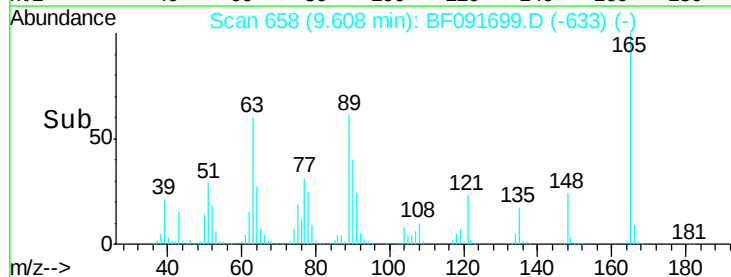
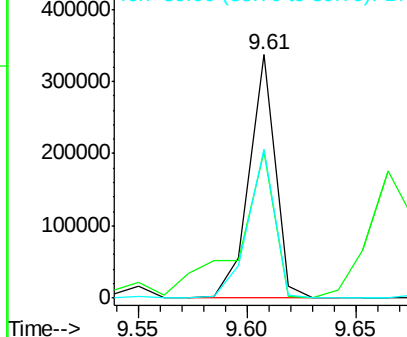


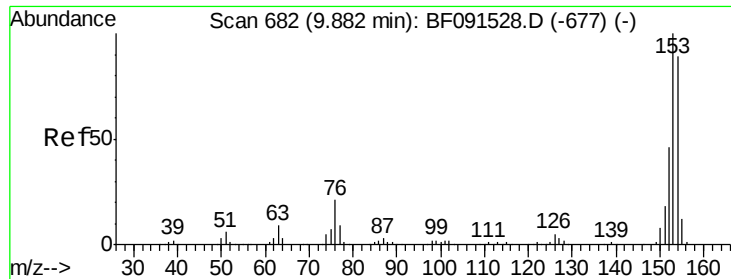
#50  
2,6-Dinitrotoluene  
Concen: 41.52 ng  
RT: 9.61 min Scan# 658  
Delta R.T. -0.01 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

Tgt Ion:165 Resp: 282290  
Ion Ratio Lower Upper  
165 100  
63 59.9 59.4 89.0  
89 61.0 50.8 76.2



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: 36.36 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

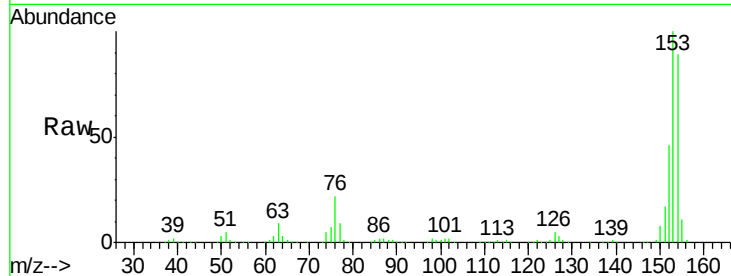
Tot Ion:154 Resp: 1056417

Ion Ratio Lower Upper

154 100

153 112.5 91.0 136.6

152 51.7 44.2 66.2

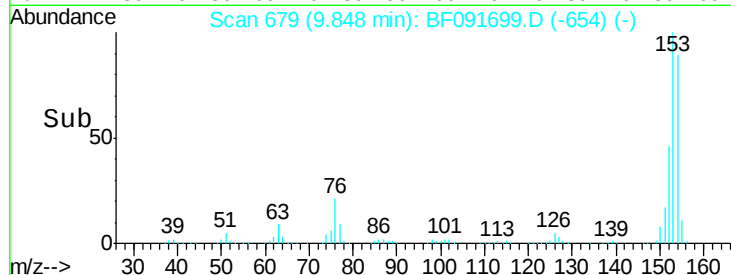


Abundance Ion 154.00 (153.70 to 154.70): E

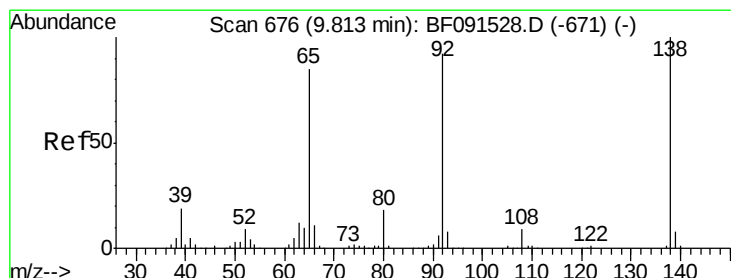
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#52

3-Nitroaniline

Concen: 48.72 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

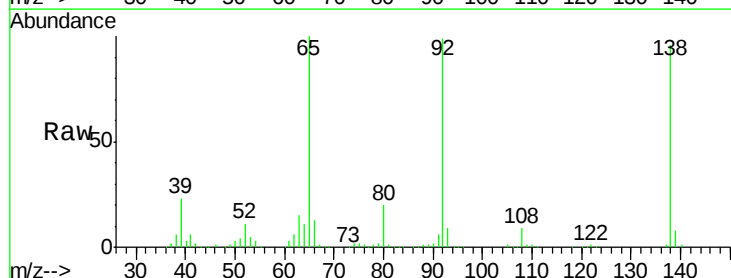
Tgt Ion:138 Resp: 389114

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

92 104.0 92.5 138.7

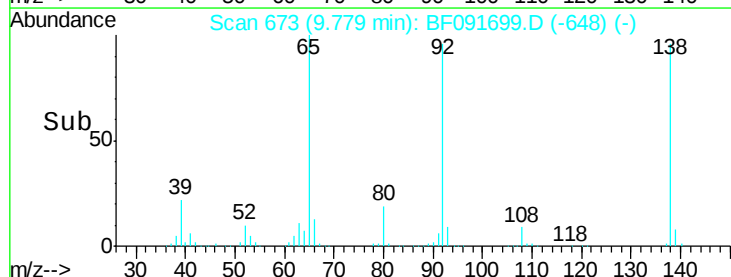


Abundance Ion 138.00 (137.70 to 138.70): E

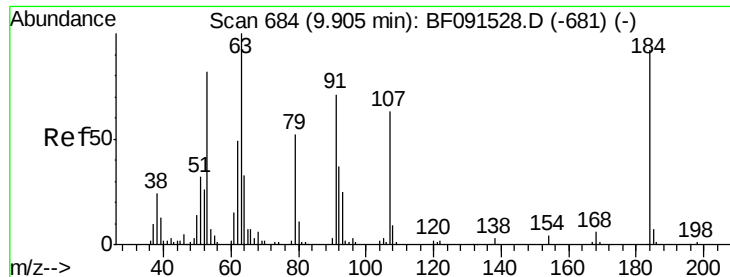
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

Time-->



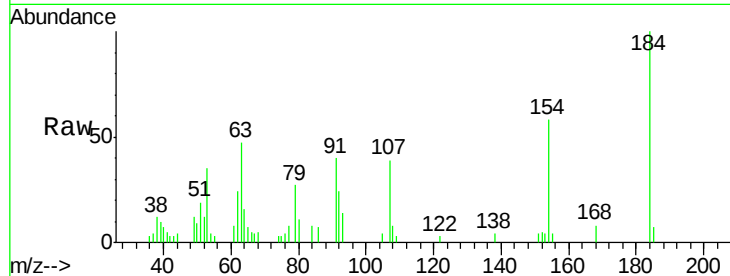
Time-->



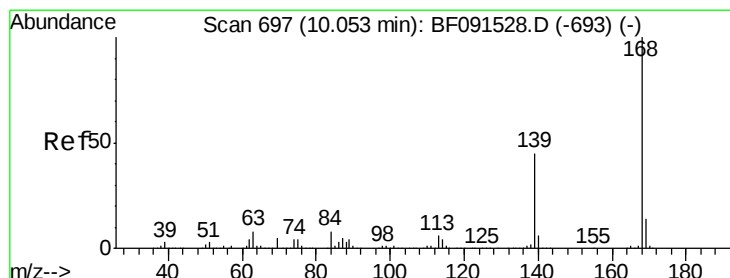
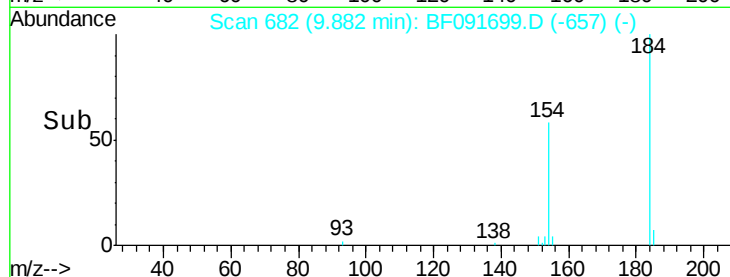
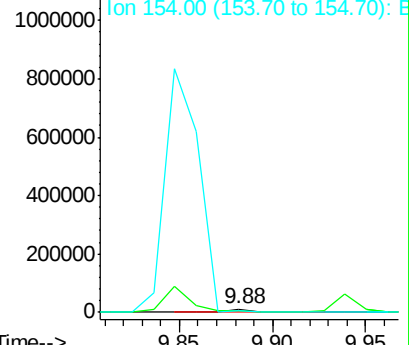
#53  
 2,4-Dinitrophenol  
 Concen: 6.74 ng  
 RT: 9.88 min Scan# 682  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:184 Resp: 11851  
 Ion Ratio Lower Upper  
 184 100  
 63 47.3 58.3 87.5#  
 154 57.5 48.6 73.0

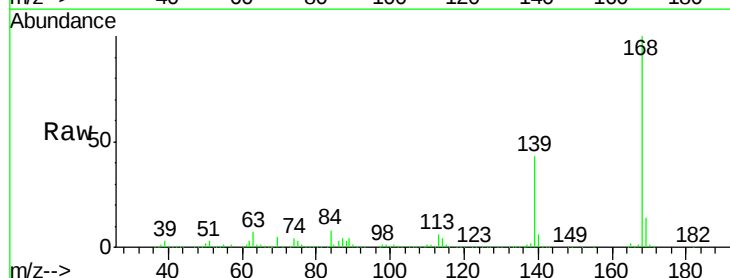


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

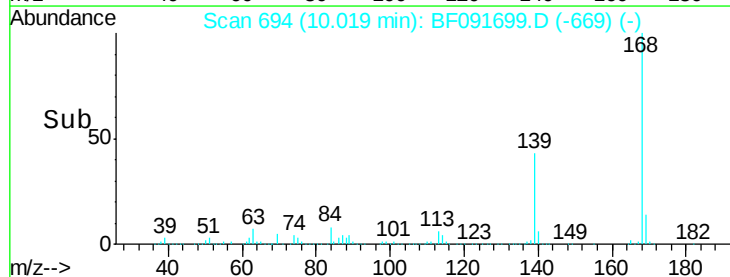
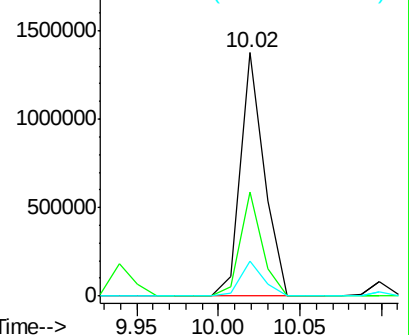


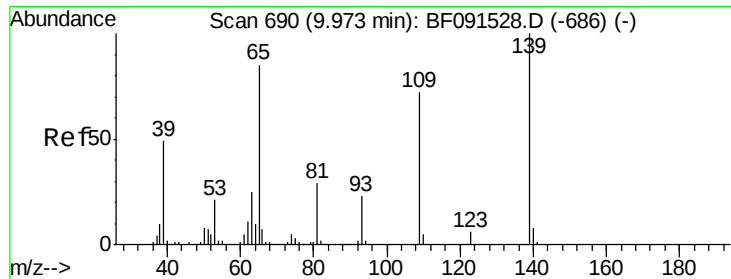
#54  
 Dibenzofuran  
 Concen: 38.73 ng  
 RT: 10.02 min Scan# 694  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Tgt Ion:168 Resp: 1392243  
 Ion Ratio Lower Upper  
 168 100  
 139 42.7 33.4 50.2  
 169 14.2 11.1 16.7



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: 31.32 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

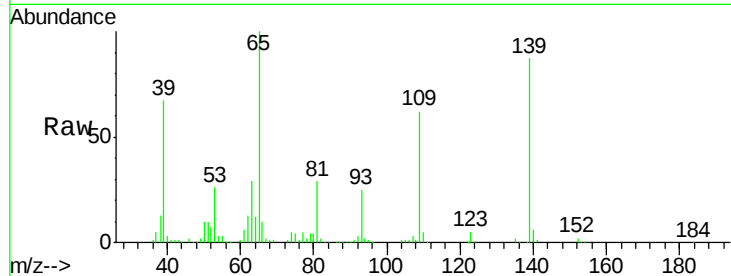
Tot Ion:139 Resp: 186120

Ion Ratio Lower Upper

139 100

109 71.2 54.9 94.9

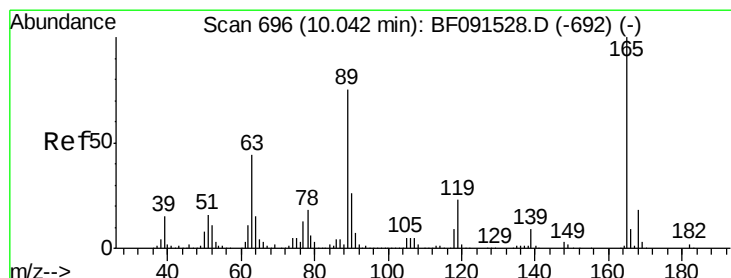
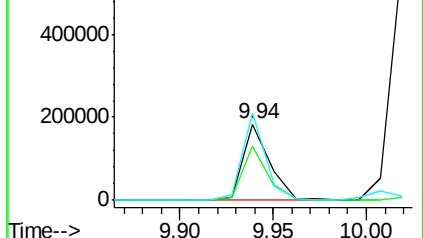
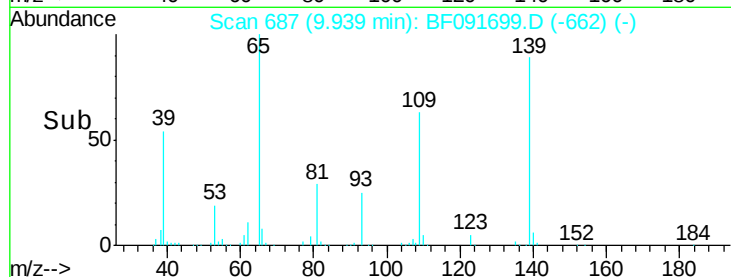
65 114.8 102.2 142.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.35 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Tgt Ion:165 Resp: 326779

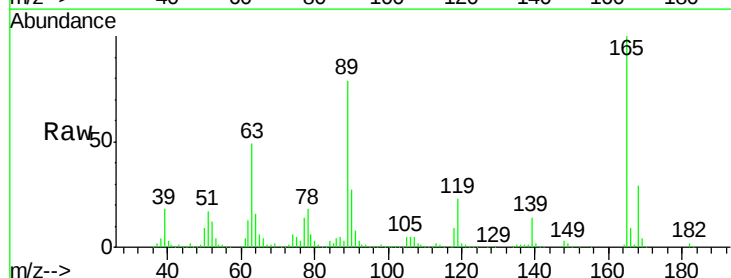
Ion Ratio Lower Upper

165 100

63 48.7 29.0 43.4#

89 78.9 43.1 64.7#

182 2.2 1.9 2.9

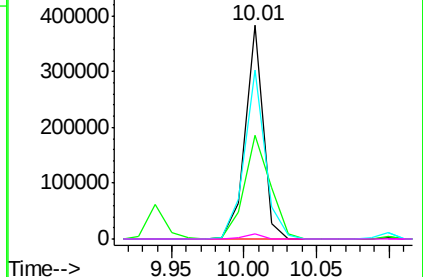
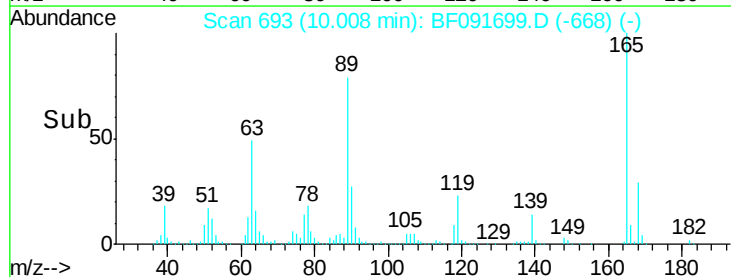


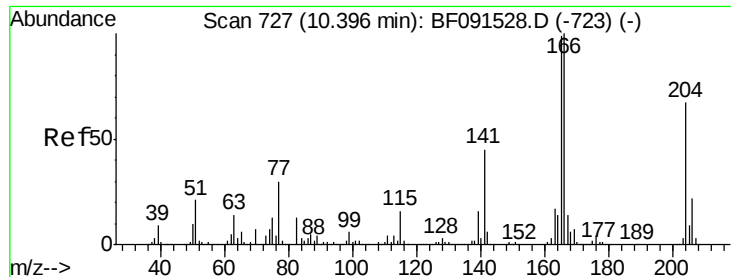
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

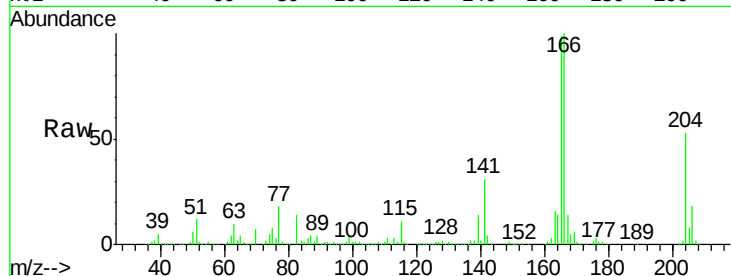




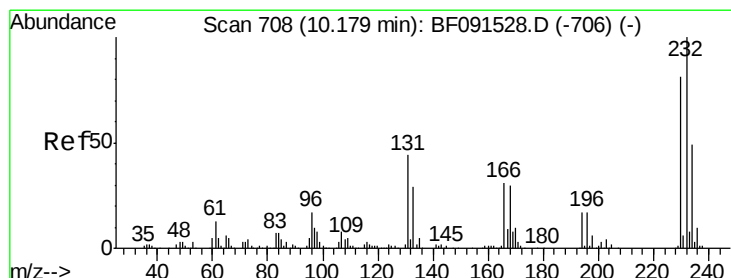
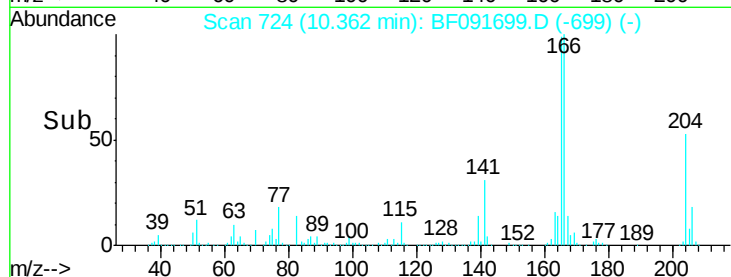
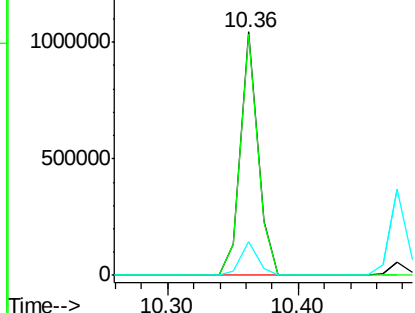
#57  
**Fluorene**  
 Concen: 36.88 ng  
 RT: 10.36 min Scan# 724  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:166 Resp: 970273  
 Ion Ratio Lower Upper  
 166 100  
 165 99.1 80.0 120.0  
 167 13.9 10.8 16.2

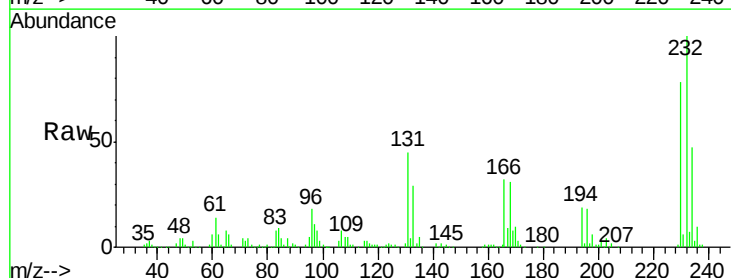


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

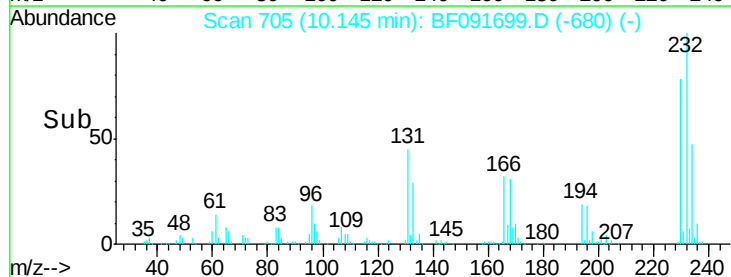
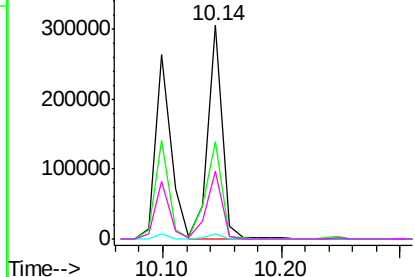


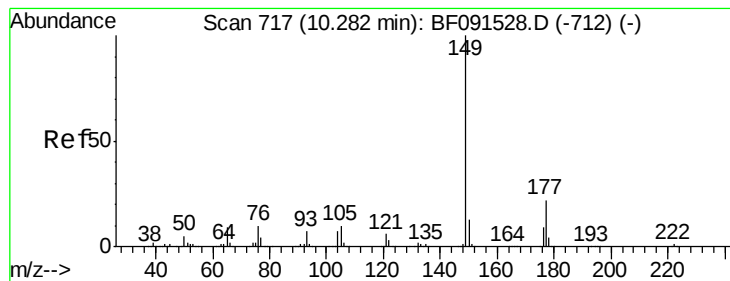
#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 37.28 ng  
 RT: 10.14 min Scan# 705  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Tgt Ion:232 Resp: 258596  
 Ion Ratio Lower Upper  
 232 100  
 131 50.8 38.4 57.6  
 130 2.3 1.8 2.8  
 166 33.9 23.9 35.9



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: 46.02 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

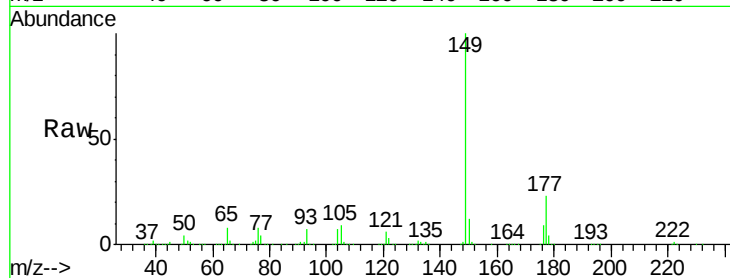
Tot Ion:149 Resp: 1372558

Ion Ratio Lower Upper

149 100

177 23.1 15.7 23.5

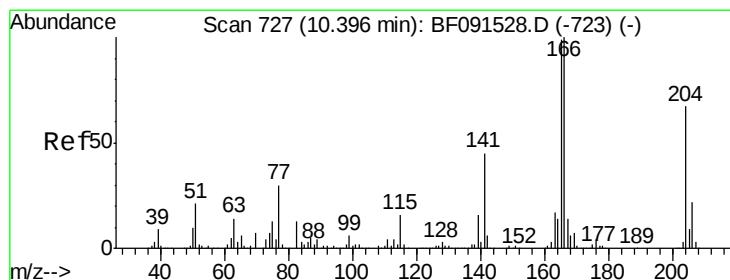
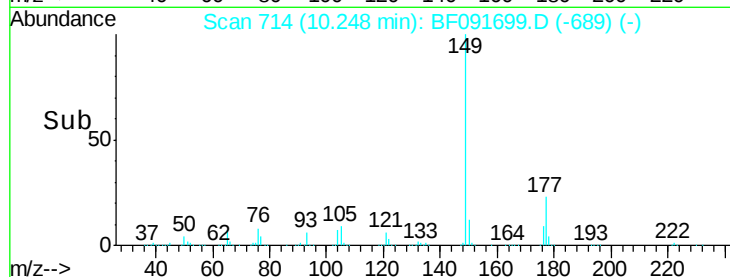
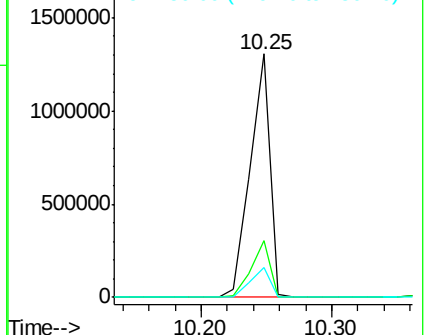
150 12.4 10.2 15.2



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: 40.65 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

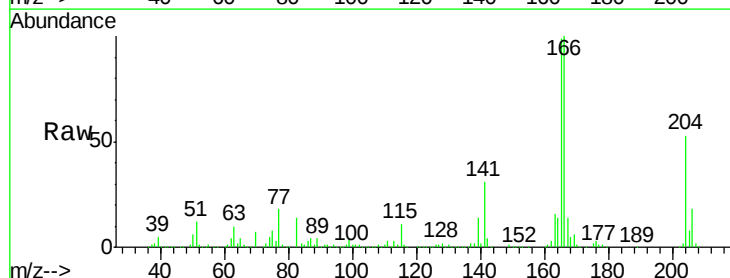
Tgt Ion:204 Resp: 525352

Ion Ratio Lower Upper

204 100

206 33.0 26.1 39.1

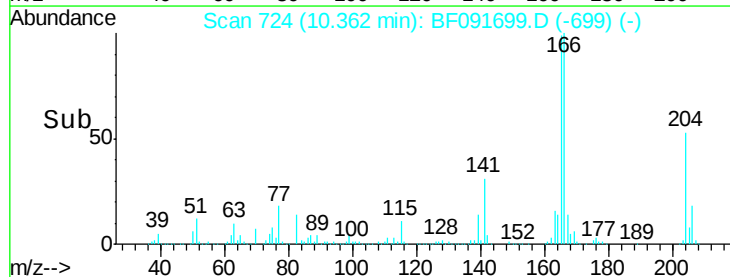
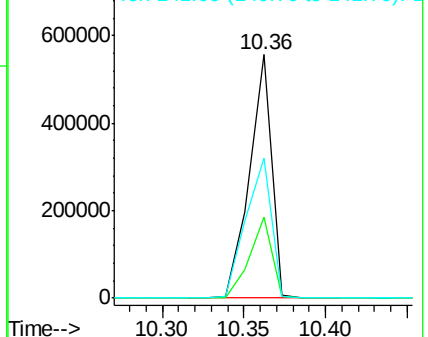
141 57.4 40.6 61.0

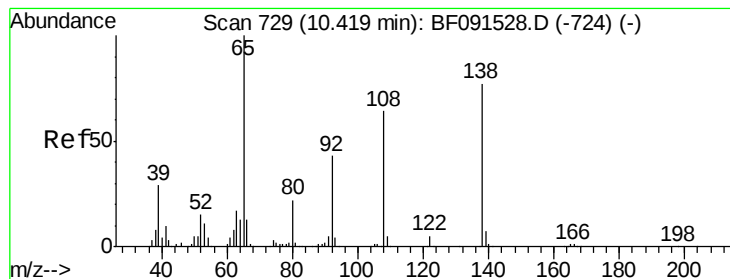


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.83 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

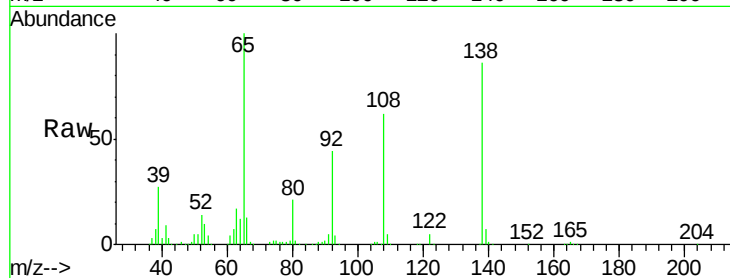
Tot Ion:138 Resp: 316127

Ion Ratio Lower Upper

138 100

92 51.7 26.9 66.9

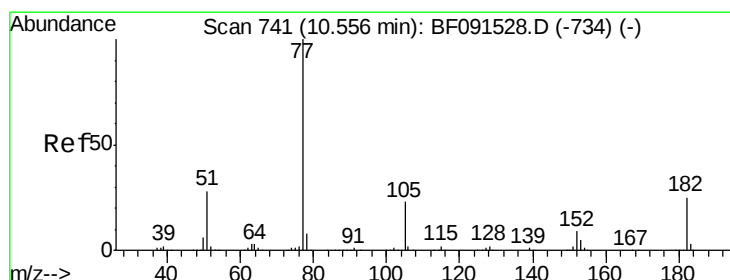
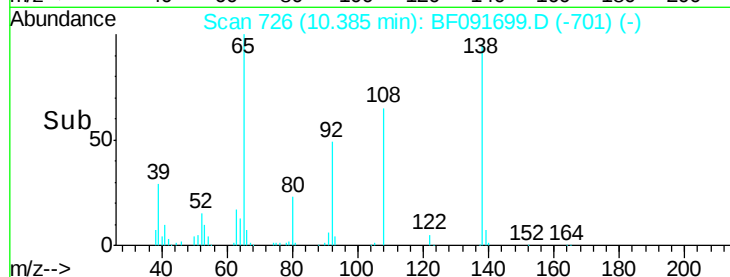
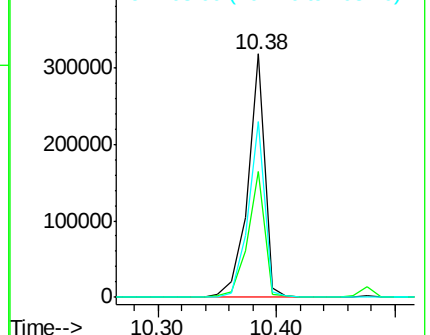
108 72.4 49.1 89.1



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: 39.30 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Tgt Ion: 77 Resp: 1328315

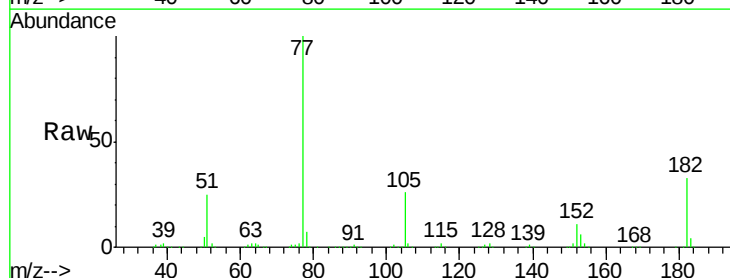
Ion Ratio Lower Upper

77 100

182 32.7 12.5 52.5

105 26.2 3.7 43.7

51 24.5 11.9 51.9

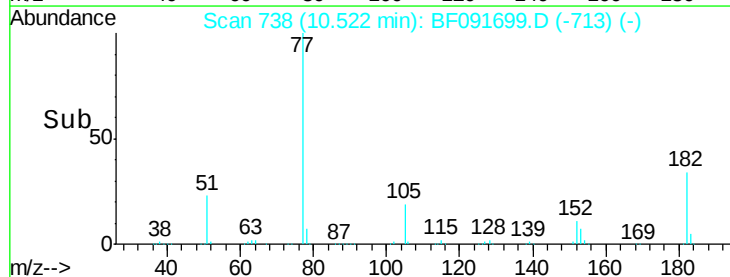
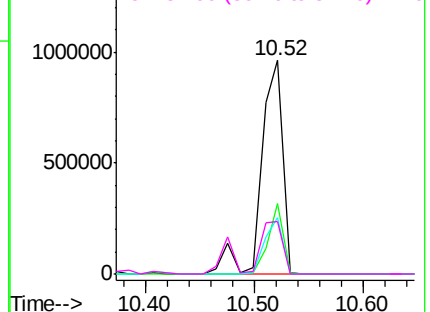


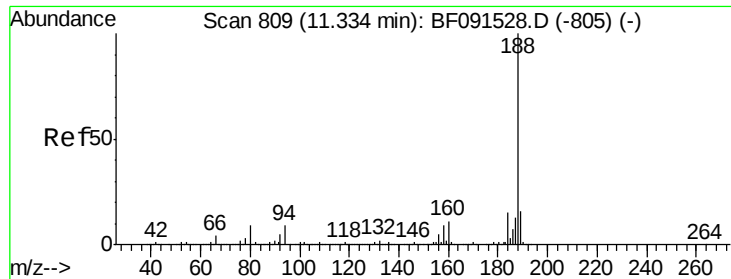
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

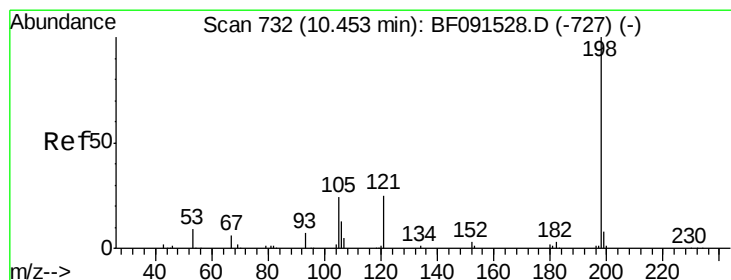
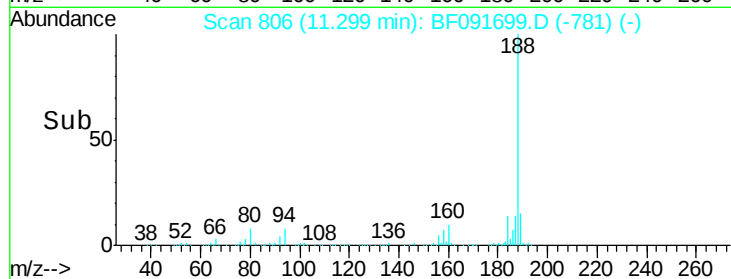
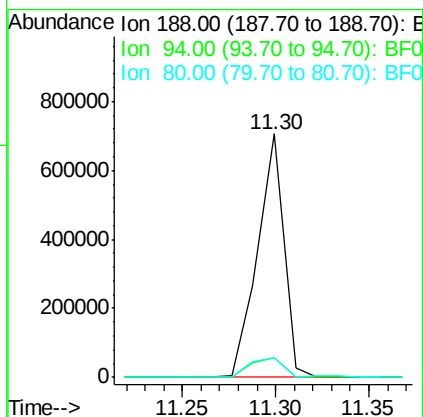
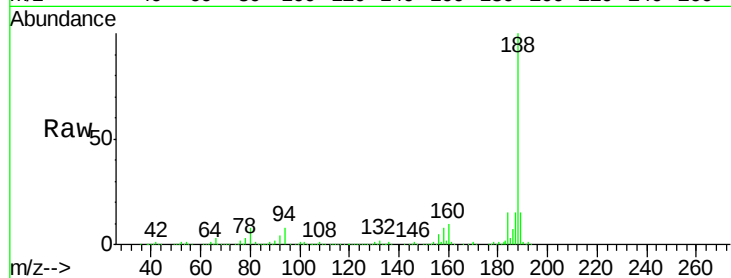




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.30 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

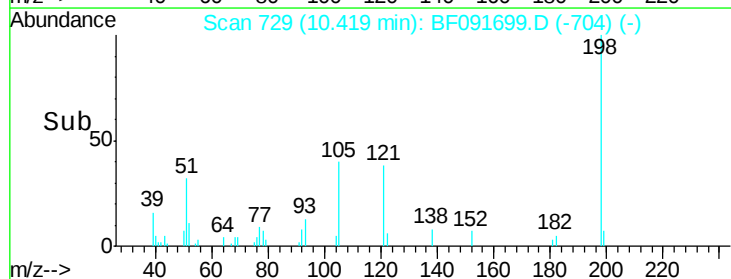
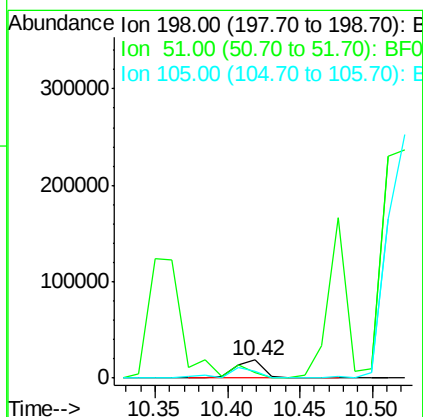
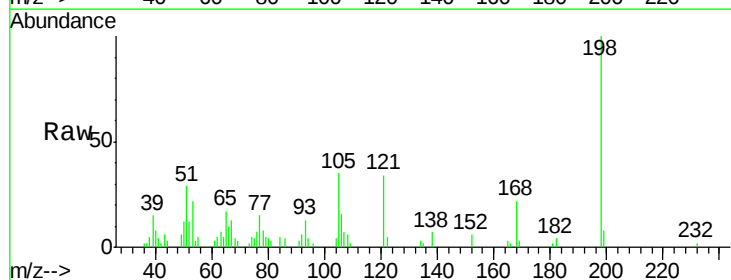
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

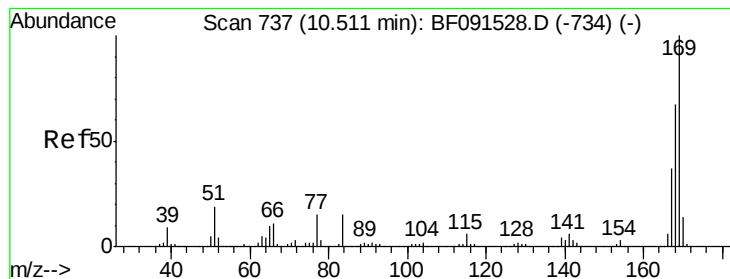
Tot Ion:188 Resp: 690248  
Ion Ratio Lower Upper  
188 100  
94 8.0 9.2 13.8#  
80 8.1 10.5 15.7#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 8.45 ng  
RT: 10.42 min Scan# 729  
Delta R.T. -0.01 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

Tgt Ion:198 Resp: 24569  
Ion Ratio Lower Upper  
198 100  
51 29.1 77.1 117.1#  
105 35.1 44.8 84.8#





#65

n-Nitrosodiphenylamine

Concen: 43.55 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

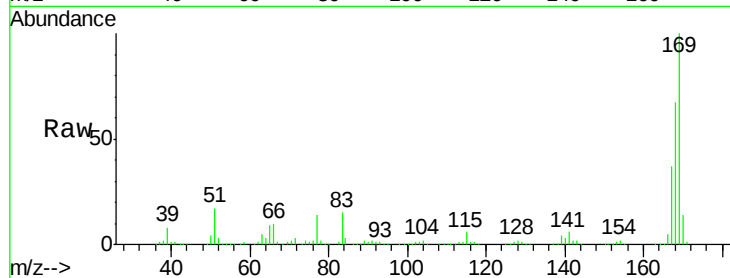
Tot Ion:169 Resp: 896244

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.8

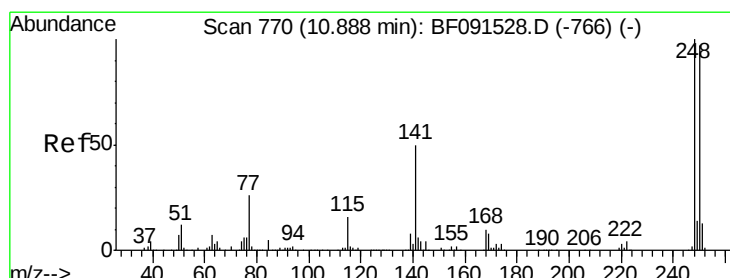
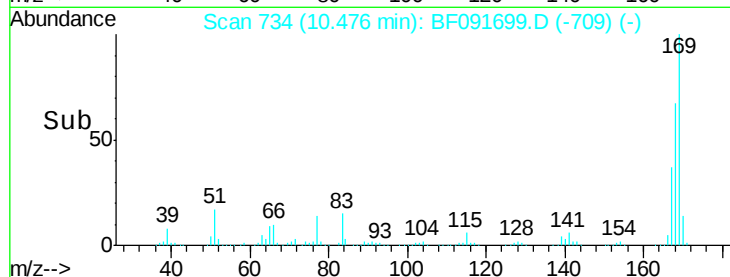
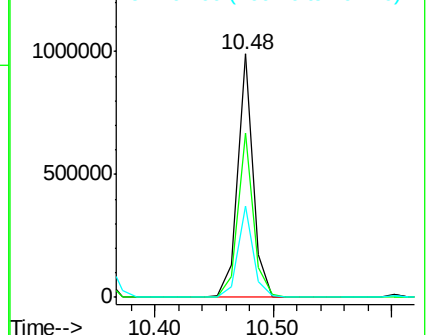
167 37.4 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.51 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

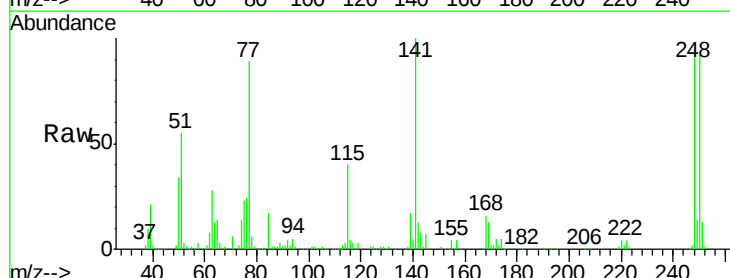
Tgt Ion:248 Resp: 314969

Ion Ratio Lower Upper

248 100

250 96.9 78.2 117.4

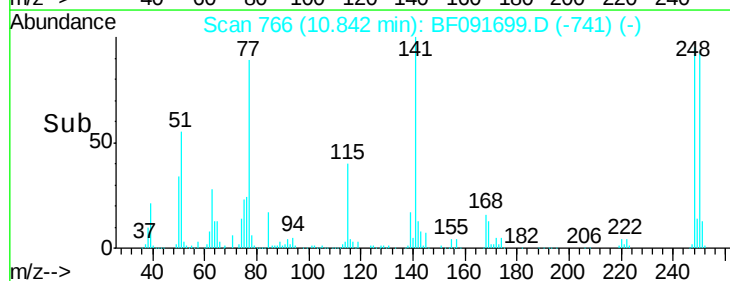
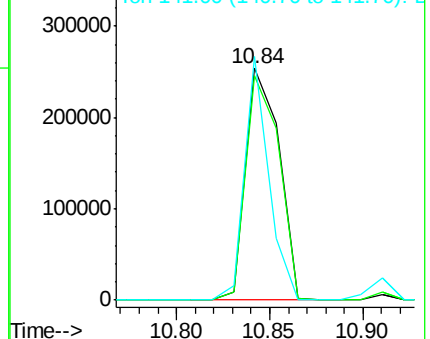
141 105.1 71.9 107.9

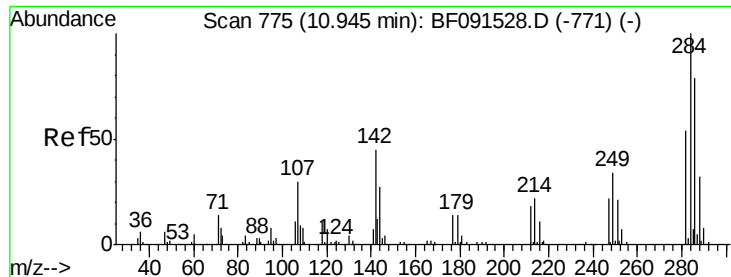


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

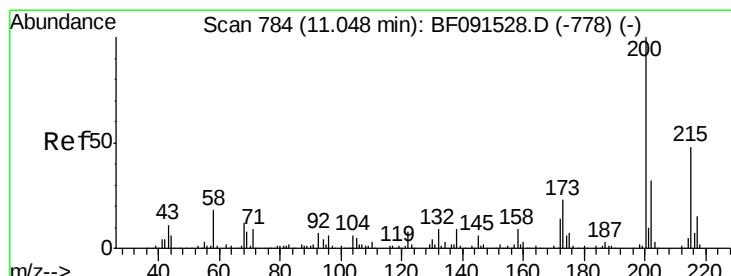
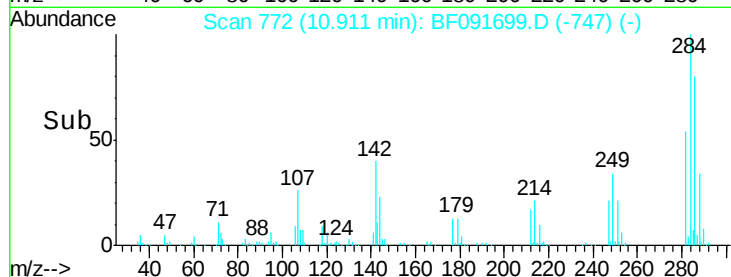
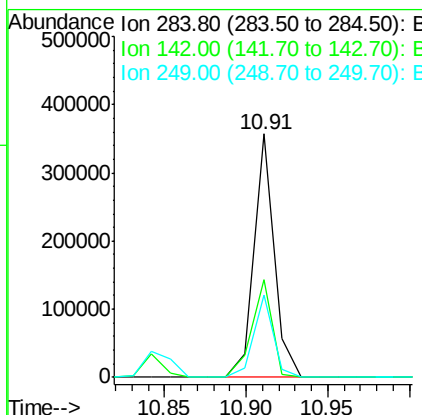
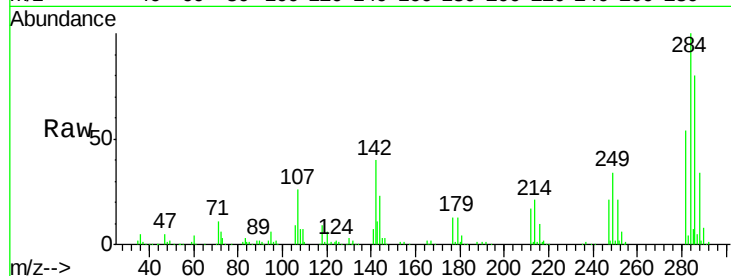




#67  
Hexachlorobenzene  
Concen: 41.90 ng  
RT: 10.91 min Scan# 772  
Delta R.T. -0.01 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

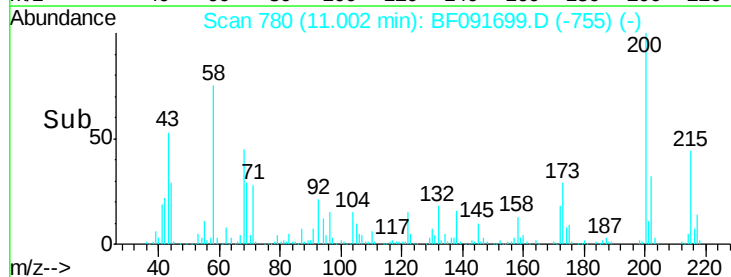
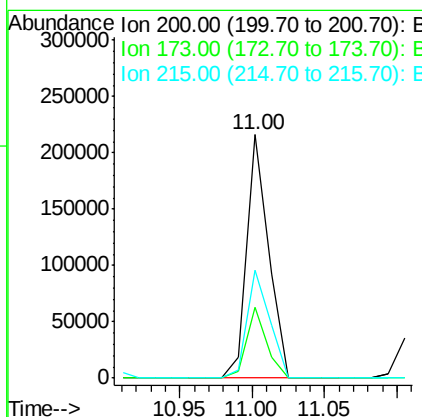
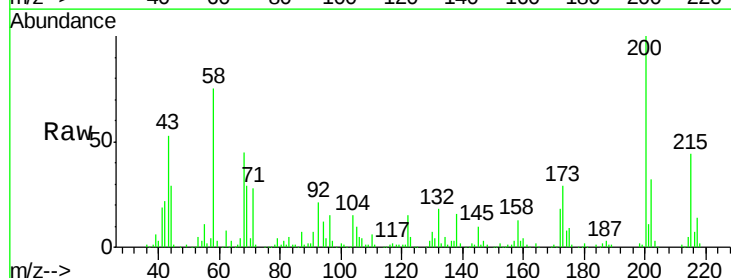
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

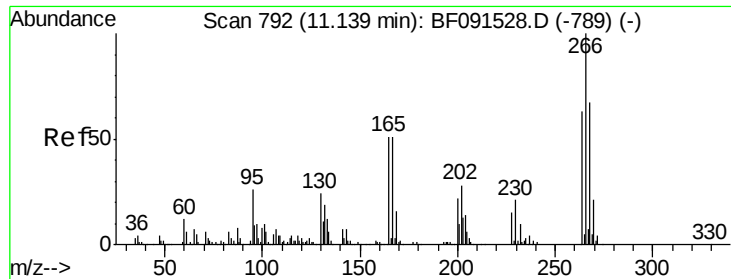
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 40.0  | 17.9  | 26.9  |
| 249     | 33.7  | 23.6  | 35.4  |



#68  
Atrazine  
Concen: 34.03 ng  
RT: 11.00 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.1  | 7.8   | 47.8  |
| 215     | 44.2  | 24.3  | 64.3  |

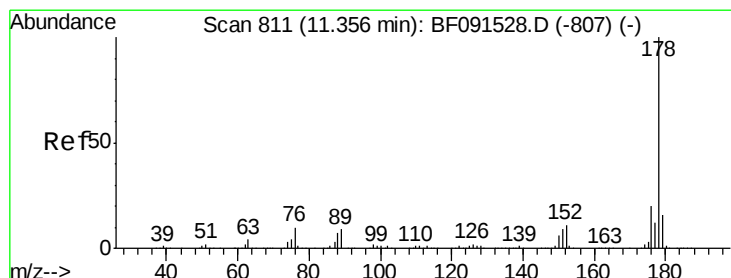
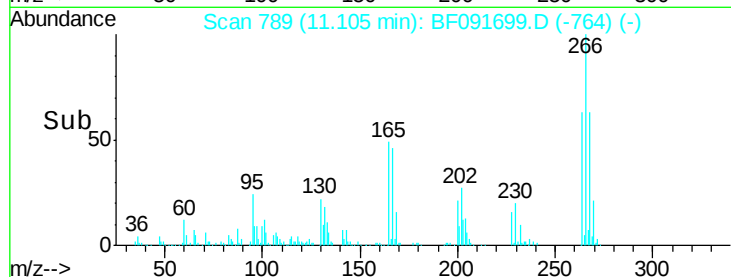
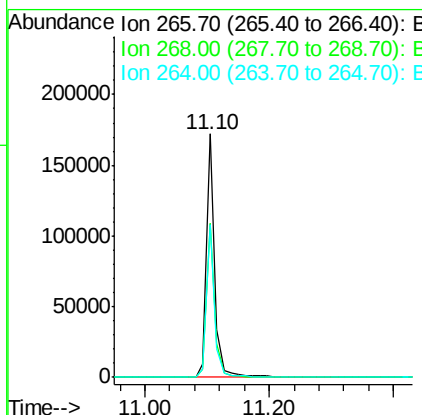
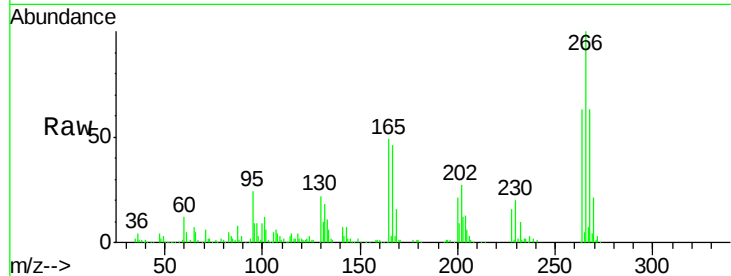




#69  
 Pentachlorophenol  
 Concen: 38.43 ng  
 RT: 11.10 min Scan# 789  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

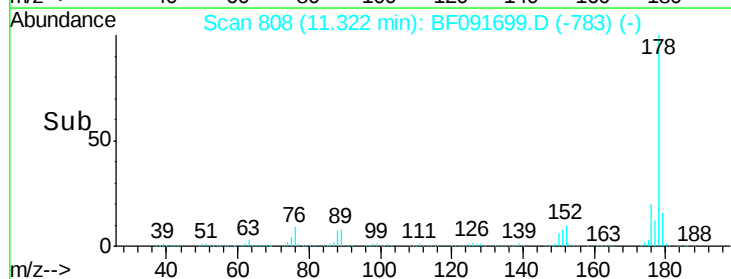
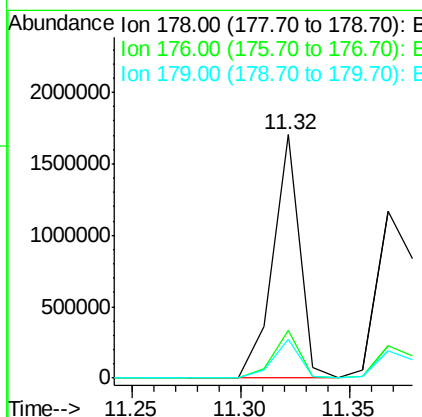
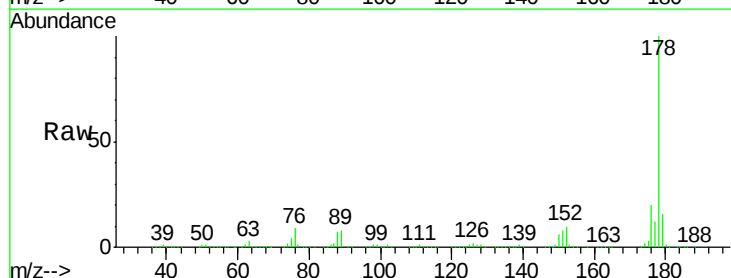
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

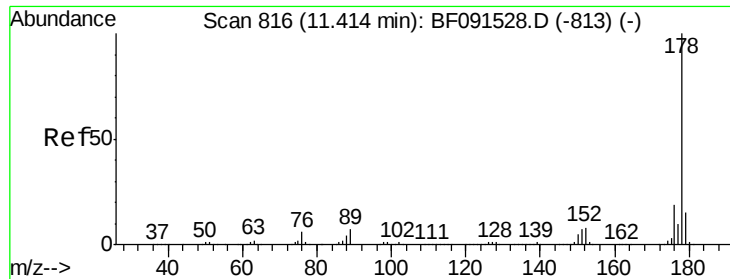
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.4  | 50.3  | 75.5  |
| 264     | 62.8  | 48.2  | 72.2  |



#70  
 Phenanthrene  
 Concen: 43.14 ng  
 RT: 11.32 min Scan# 808  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.9  | 23.9  |
| 179     | 16.0  | 12.6  | 18.8  |

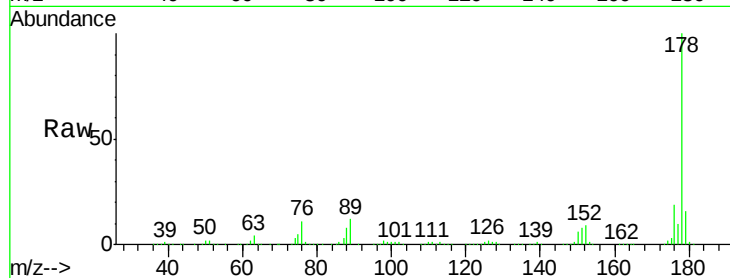




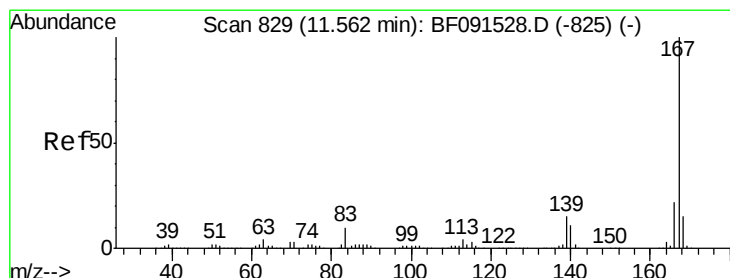
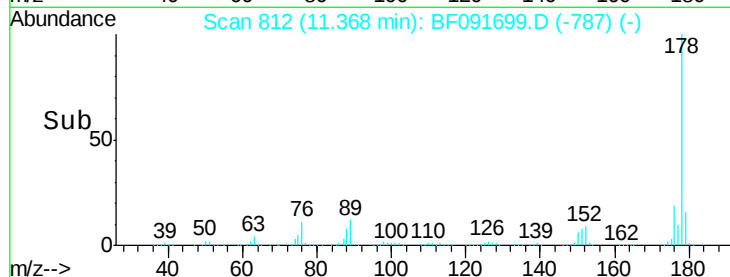
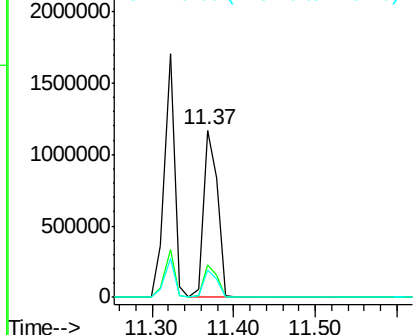
#71  
 Anthracene  
 Concen: 38.65 ng  
 RT: 11.37 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 1425130  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.8 23.6  
 179 16.1 12.7 19.1

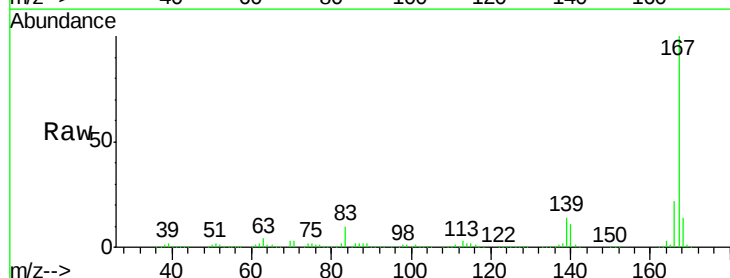


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

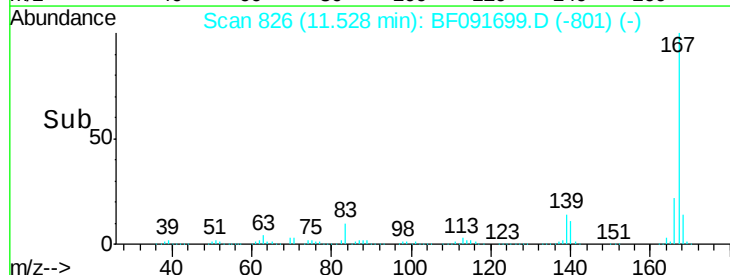
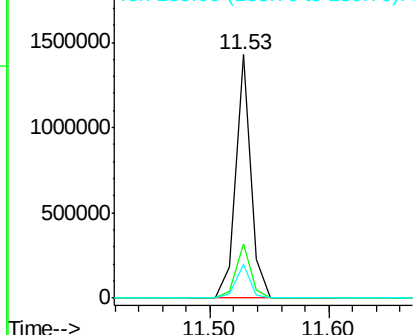


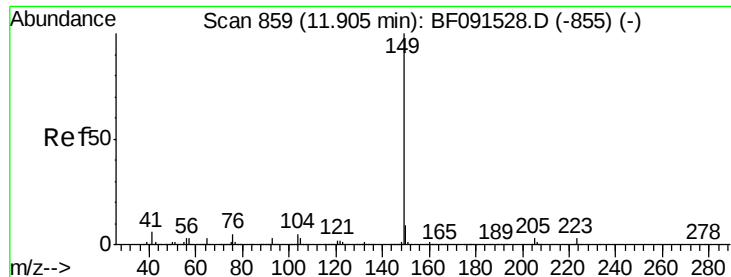
#72  
 Carbazole  
 Concen: 39.21 ng  
 RT: 11.53 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Tgt Ion:167 Resp: 1267254  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 18.1 27.1  
 139 14.0 11.5 17.3



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: 48.08 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

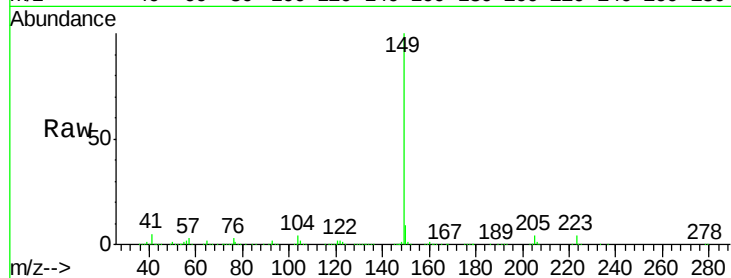
Tot Ion:149 Resp: 1810186

Ion Ratio Lower Upper

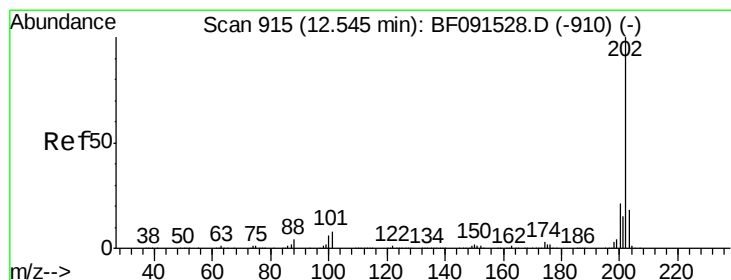
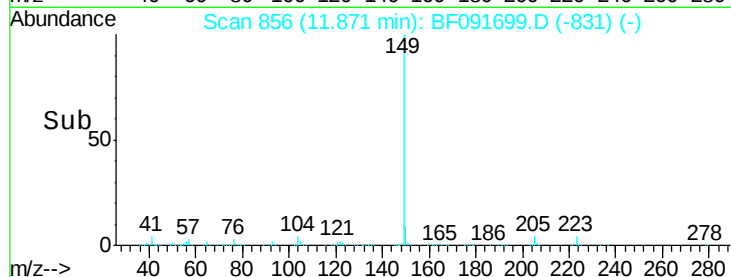
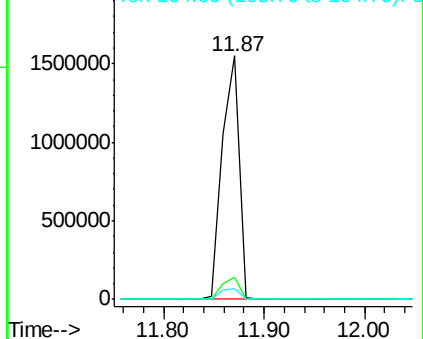
149 100

150 9.3 7.5 11.3

104 4.2 4.0 6.0



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: 42.22 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

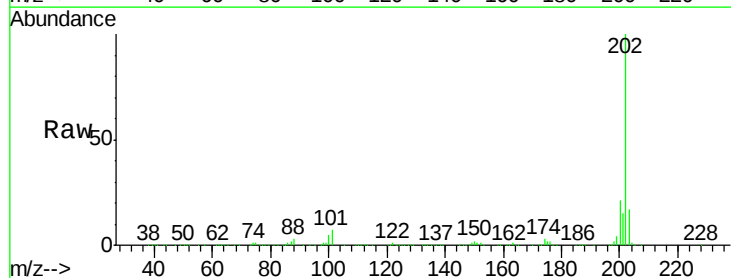
Tgt Ion:202 Resp: 1511155

Ion Ratio Lower Upper

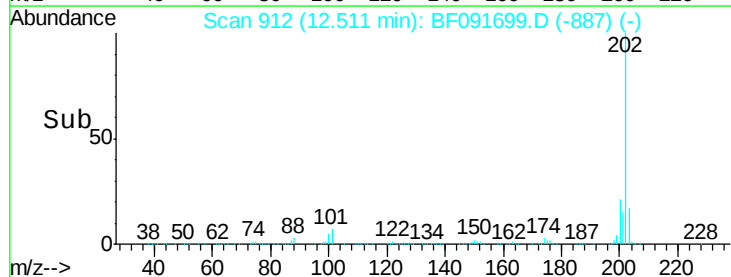
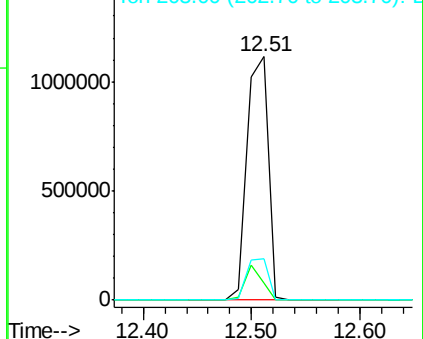
202 100

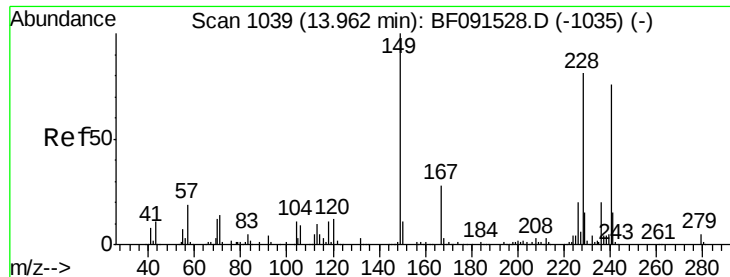
101 7.1 0.0 29.5

203 17.1 0.0 37.8



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: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

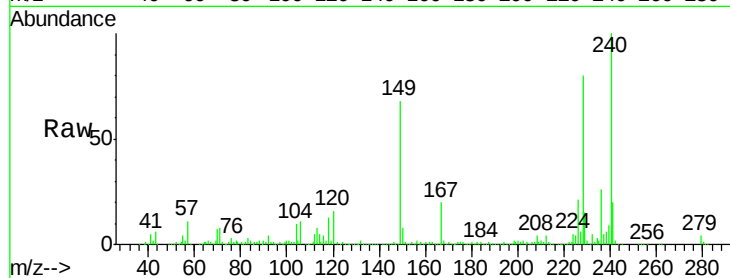
Tot Ion:240 Resp: 536876

Ion Ratio Lower Upper

240 100

120 15.6 12.1 18.1

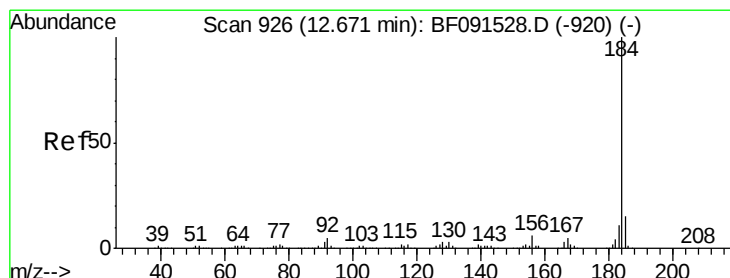
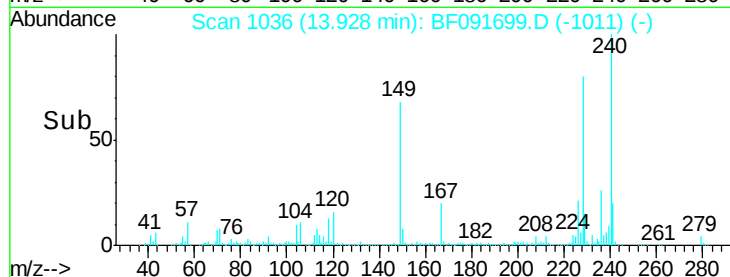
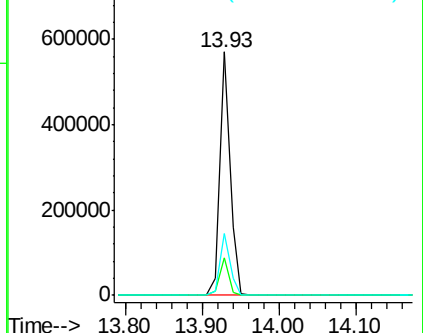
236 25.6 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.54 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

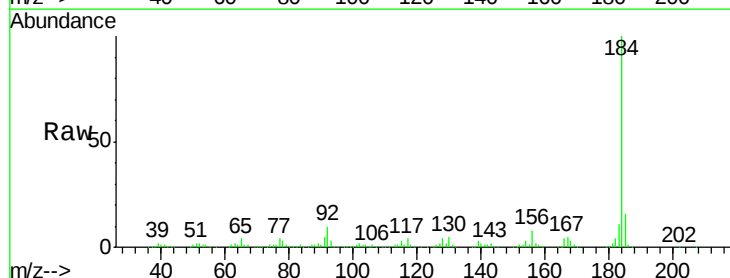
Tgt Ion:184 Resp: 523561

Ion Ratio Lower Upper

184 100

185 15.7 13.1 19.7

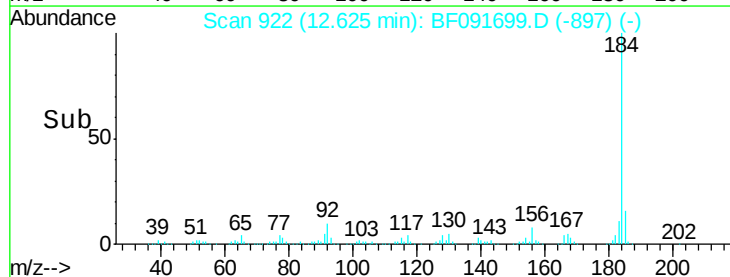
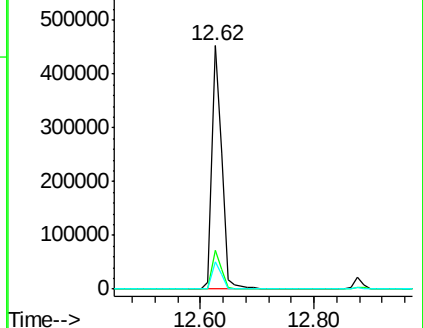
183 11.1 8.9 13.3

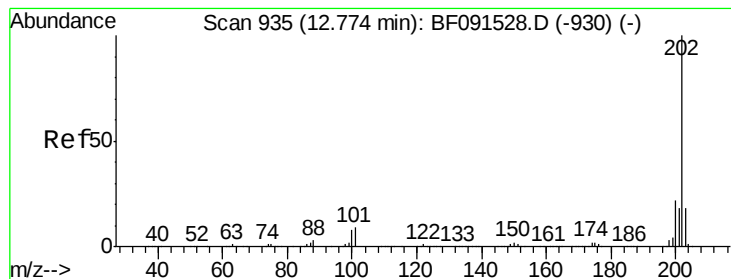


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.61 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

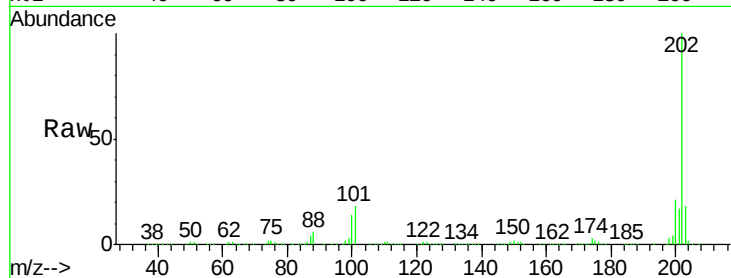
Tot Ion:202 Resp: 1474298

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

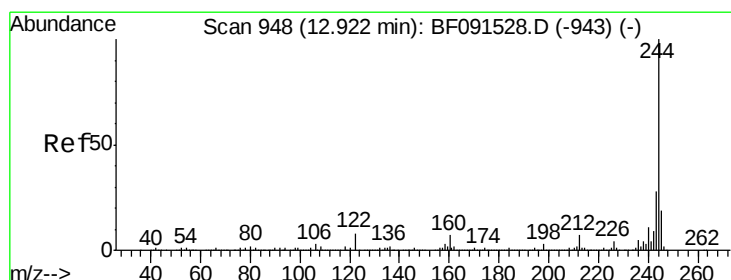
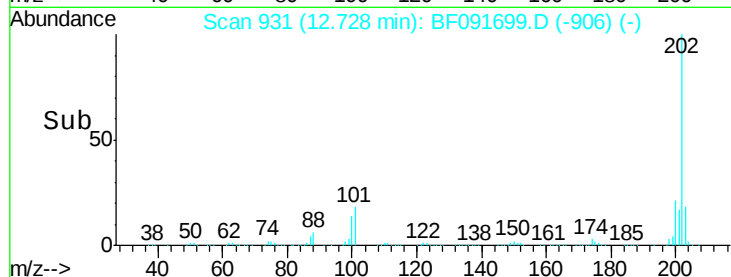
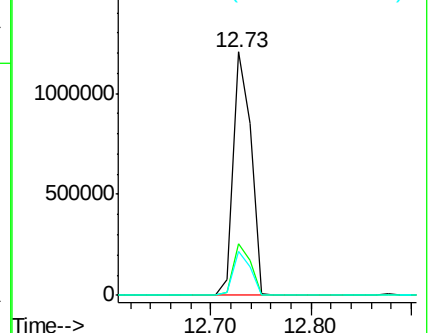
203 18.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.67 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

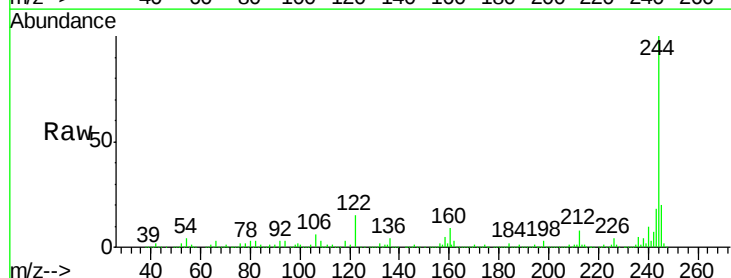
Tgt Ion:244 Resp: 1672023

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

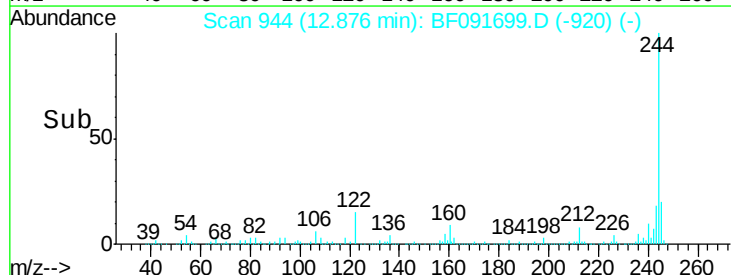
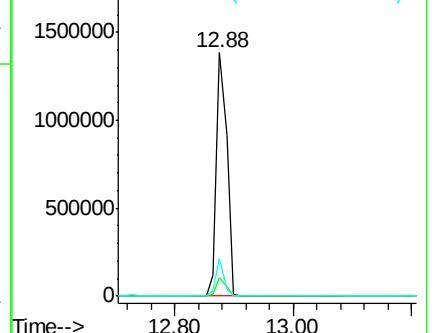
122 15.3 9.5 14.3#

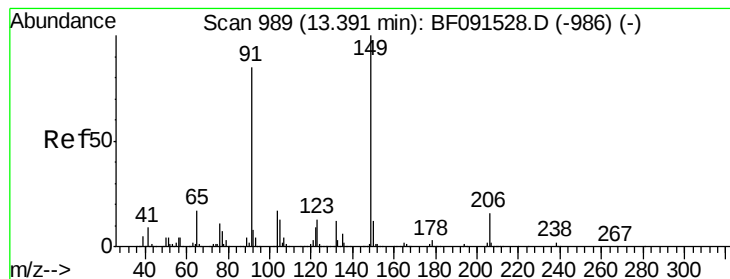


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.22 ng

RT: 13.36 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

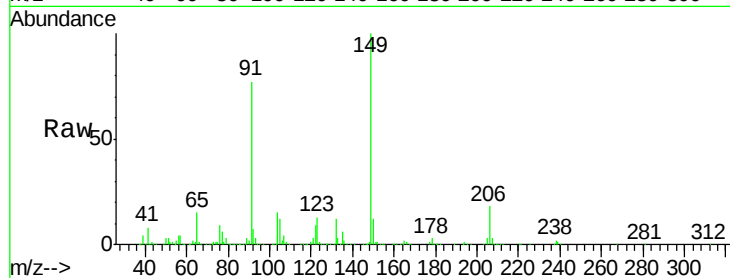
Tot Ion:149 Resp: 701075

Ion Ratio Lower Upper

149 100

91 77.0 57.4 86.2

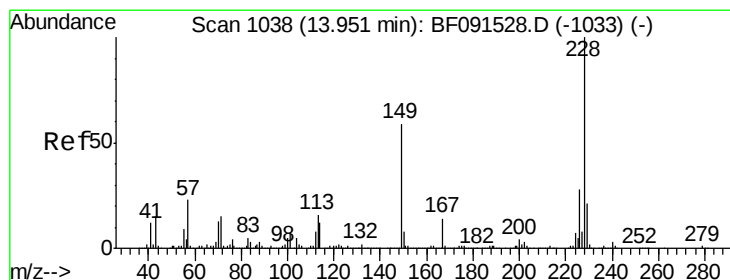
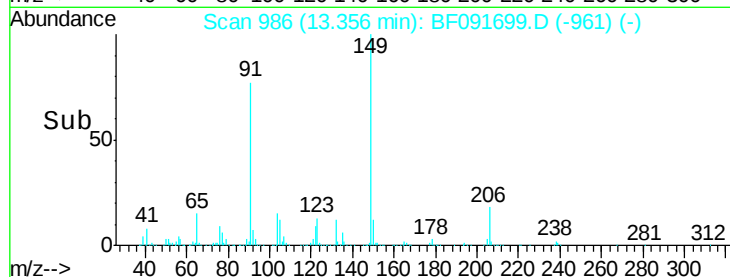
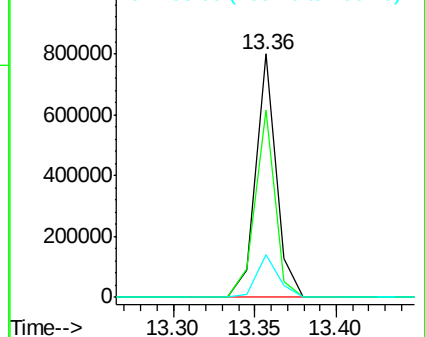
206 17.7 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.02 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

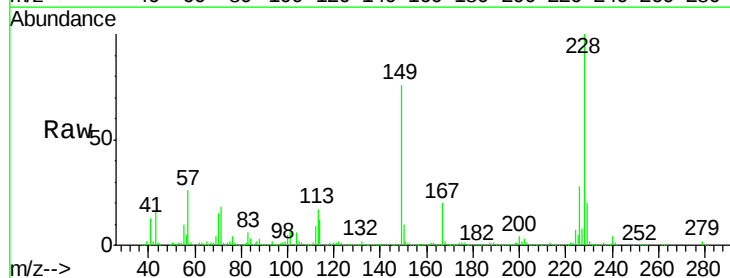
Tgt Ion:228 Resp: 1247643

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

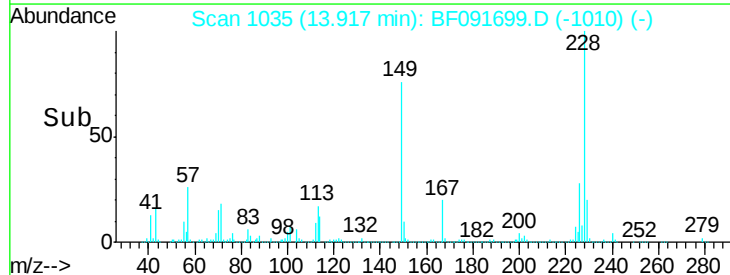
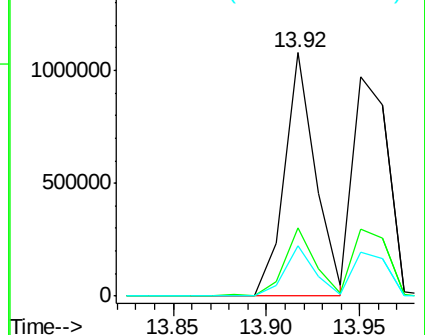
229 20.5 16.4 24.6

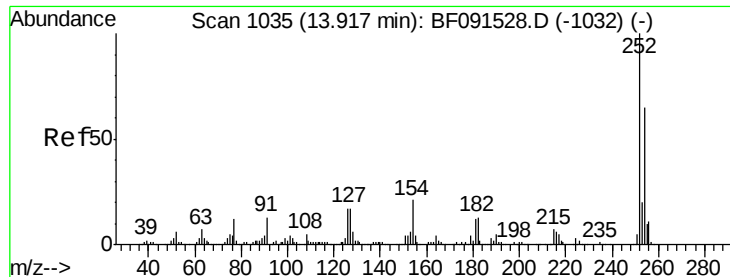


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

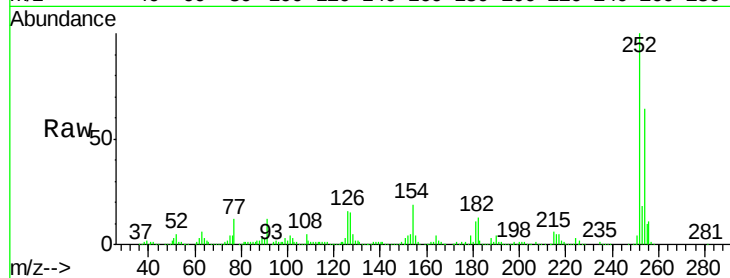




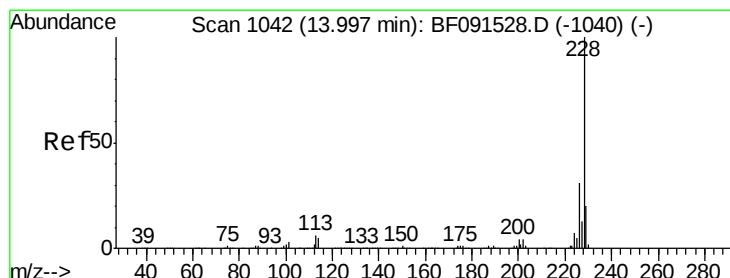
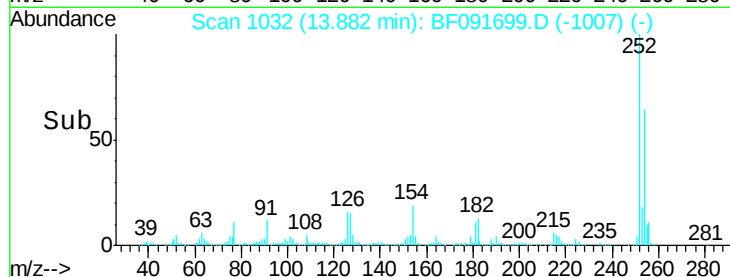
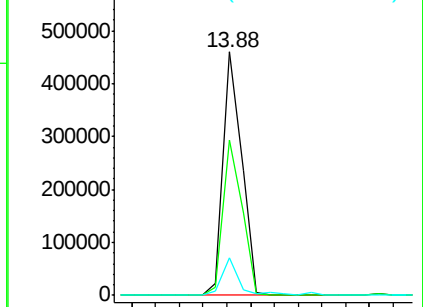
#81  
 3,3'-Dichlorobenzidine  
 Concen: 44.78 ng  
 RT: 13.88 min Scan# 1032  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:252 Resp: 501389  
 Ion Ratio Lower Upper  
 252 100  
 254 63.9 52.1 78.1  
 126 15.6 7.5 11.3#

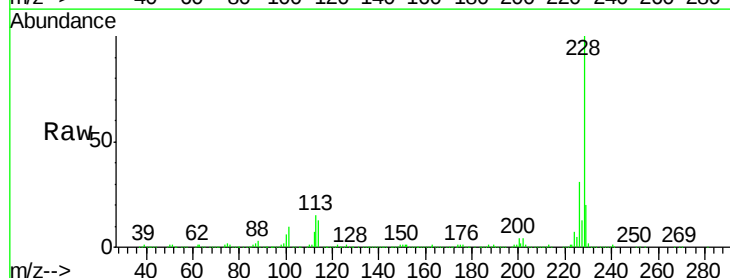


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

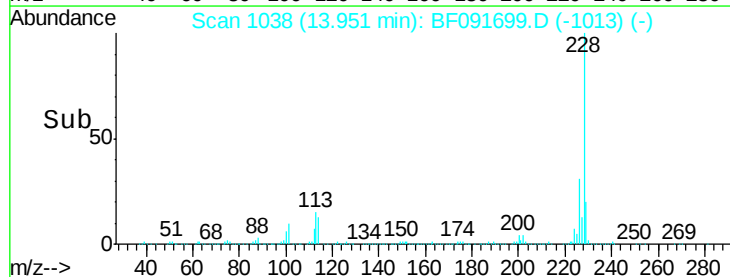
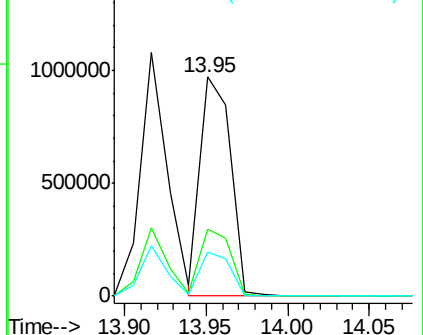


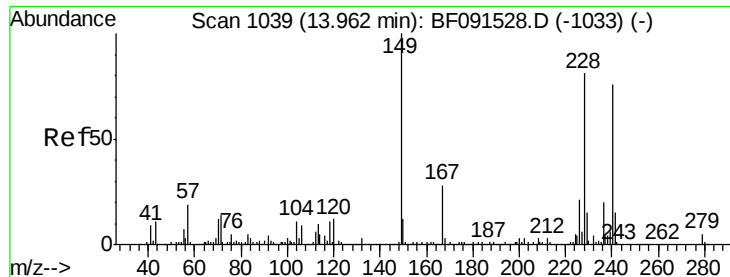
#82  
 Chrysene  
 Concen: 38.70 ng  
 RT: 13.95 min Scan# 1038  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

Tgt Ion:228 Resp: 1262520  
 Ion Ratio Lower Upper  
 228 100  
 226 30.7 25.0 37.4  
 229 20.2 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.77 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

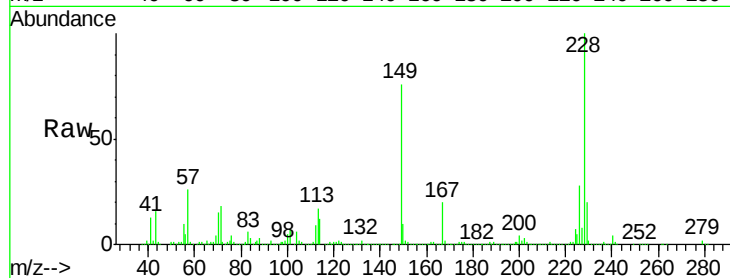
Tot Ion:149 Resp: 868536

Ion Ratio Lower Upper

149 100

167 26.2 19.6 29.4

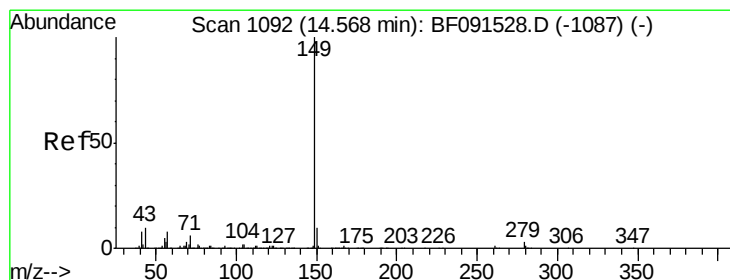
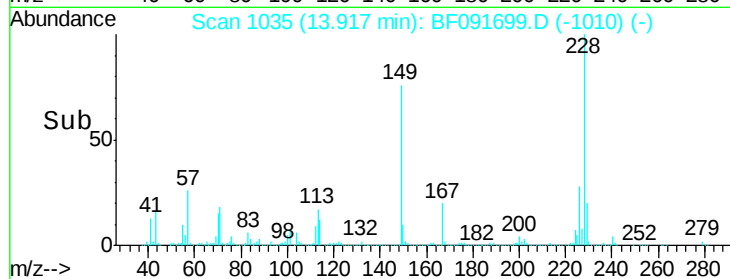
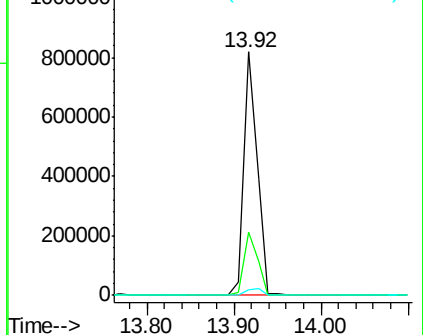
279 2.2 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.32 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

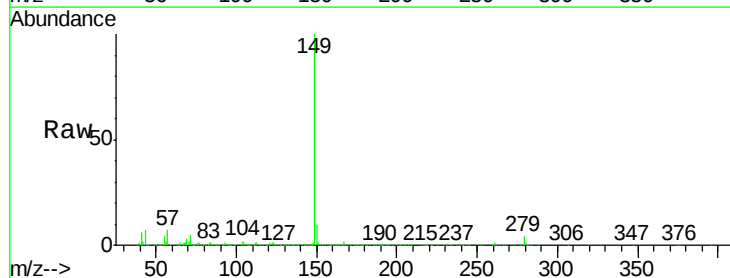
Tgt Ion:149 Resp: 1783236

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

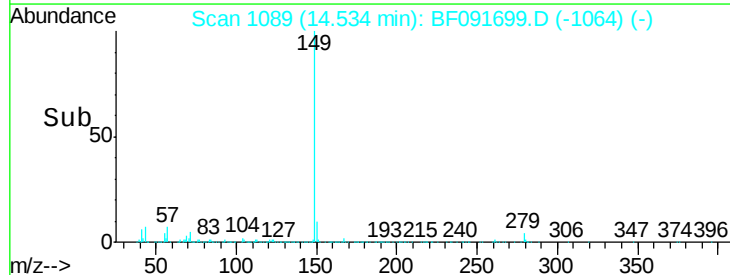
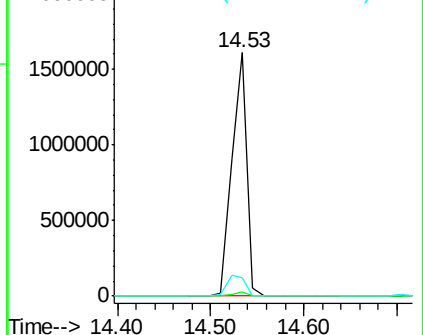
43 10.4 11.9 17.9#

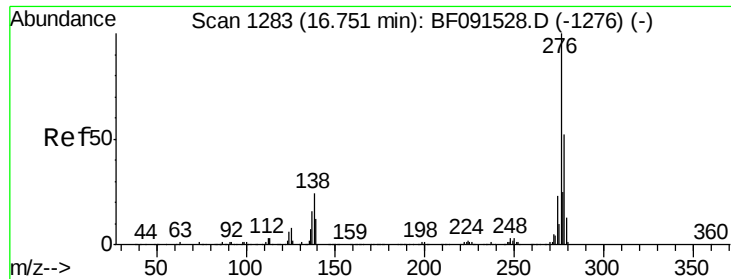


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

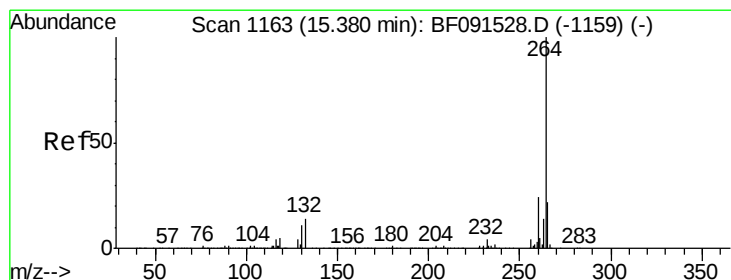
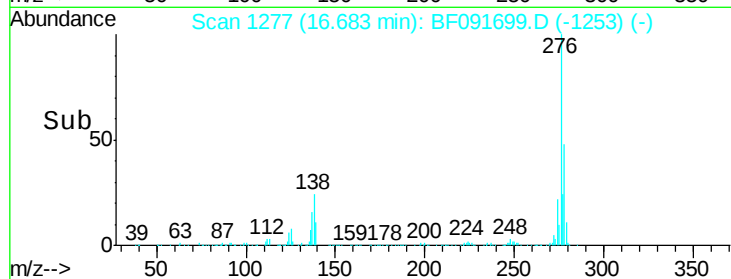
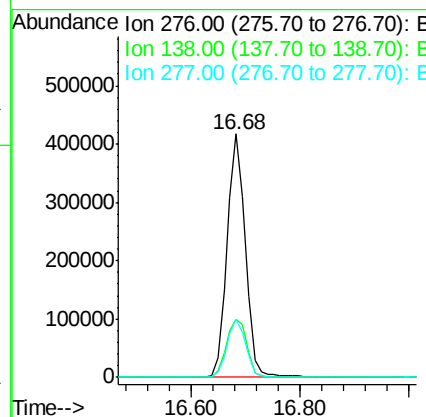
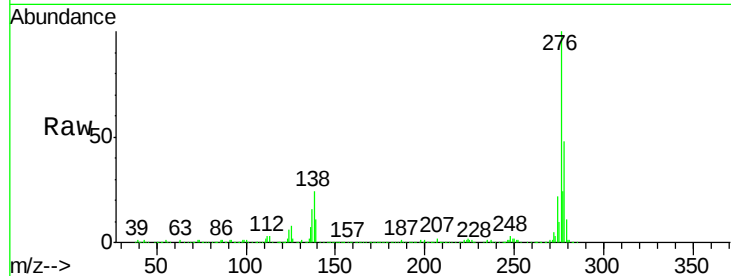




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 33.35 ng  
 RT: 16.68 min Scan# 1277  
 Delta R.T. -0.02 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

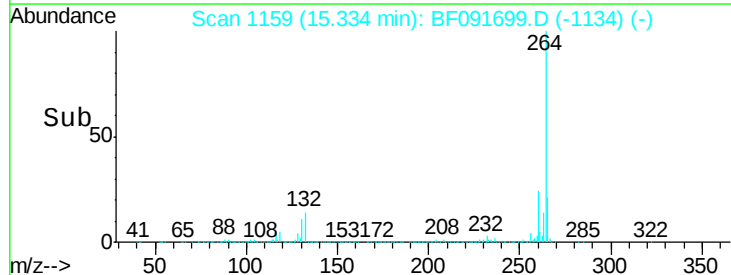
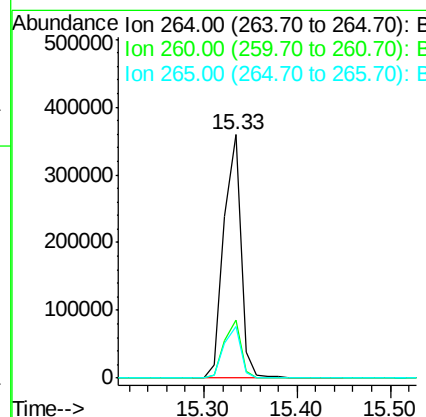
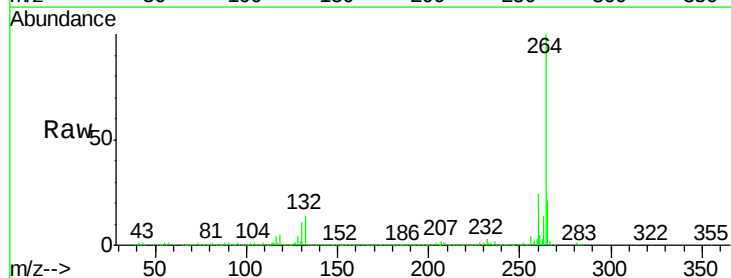
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

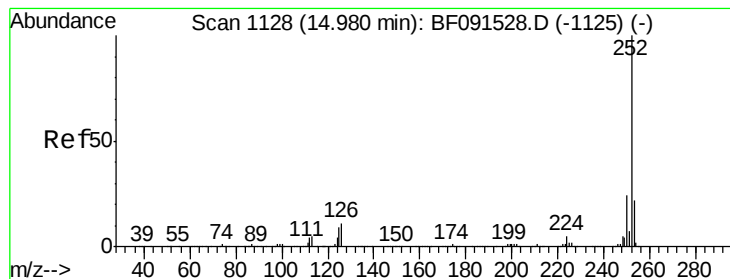
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.8  | 21.0  | 31.4  |
| 277     | 25.0  | 20.2  | 30.2  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.33 min Scan# 1159  
 Delta R.T. -0.01 min  
 Lab File: BF091699.D  
 Acq: 17 Dec 2016 4:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 18.8  | 28.2  |
| 265     | 21.3  | 17.0  | 25.6  |





#87

Benzo(b)fluoranthene

Concen: 41.51 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

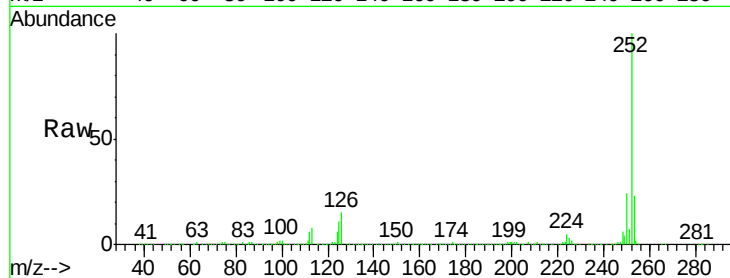
Tot Ion:252 Resp: 1132701

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

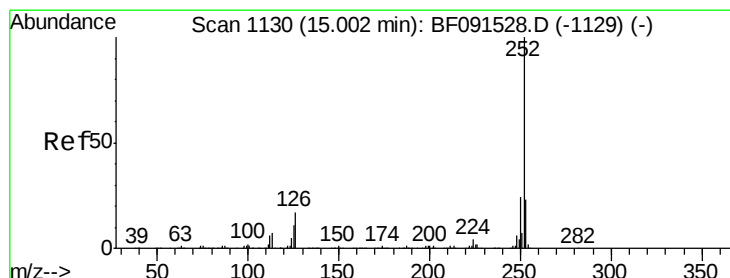
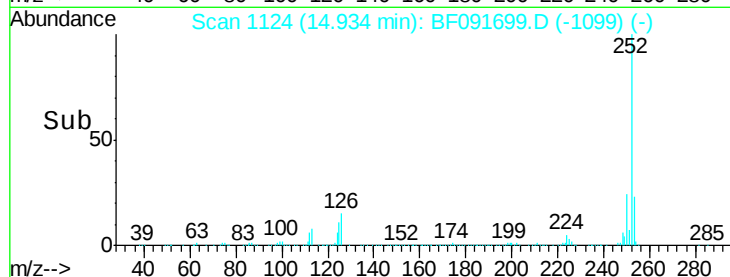
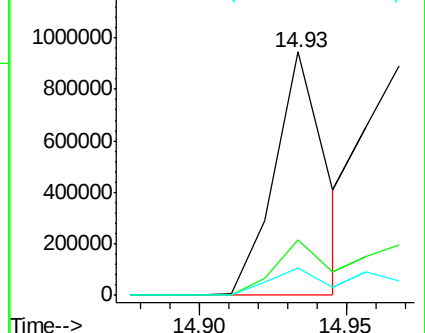
125 11.4 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.92 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

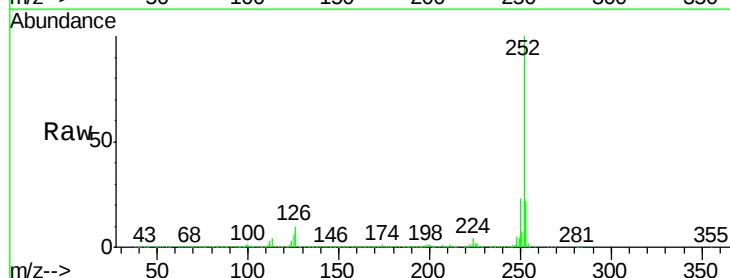
Tgt Ion:252 Resp: 1101773

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

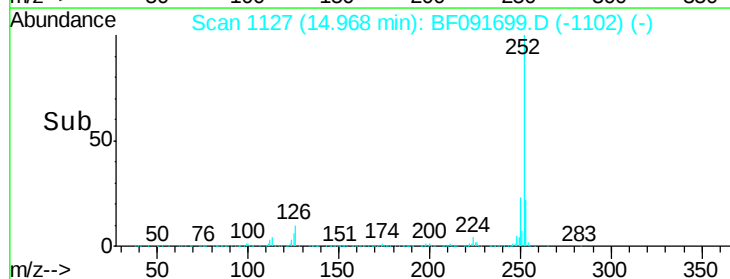
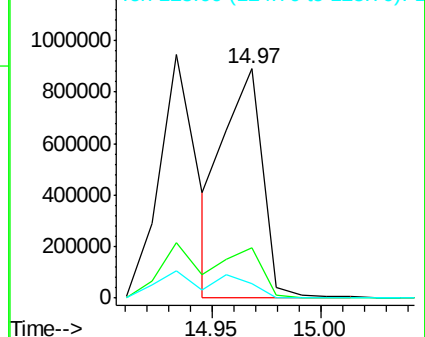
125 6.4 9.6 14.4#

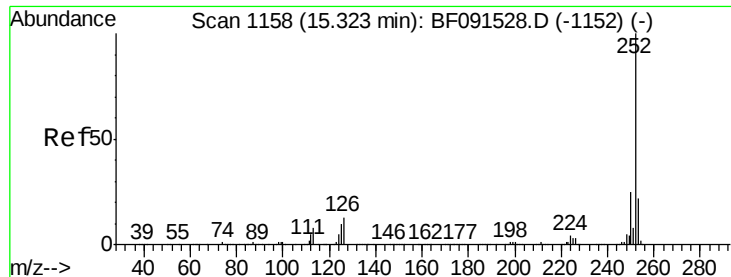


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

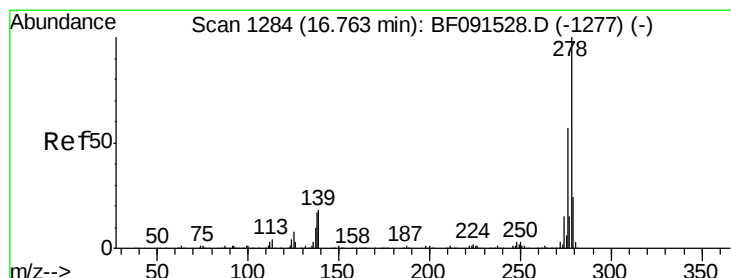
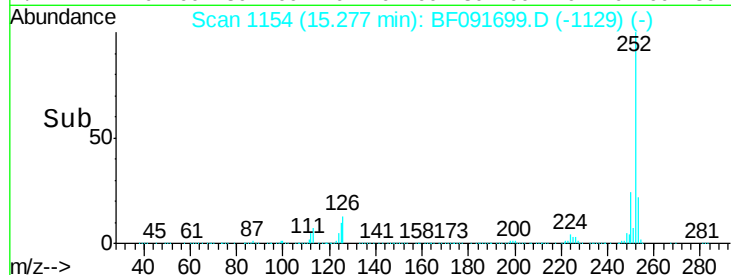
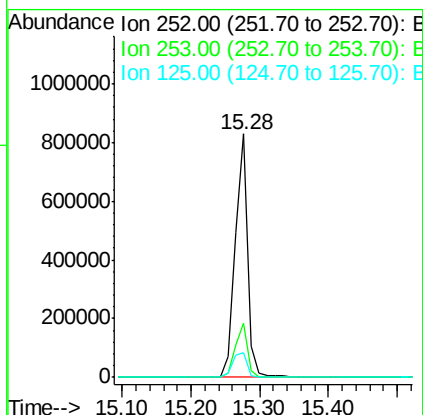
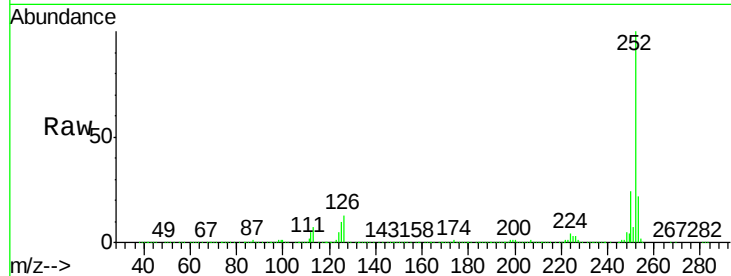




#89  
Benzo(a)pyrene  
Concen: 42.77 ng  
RT: 15.28 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

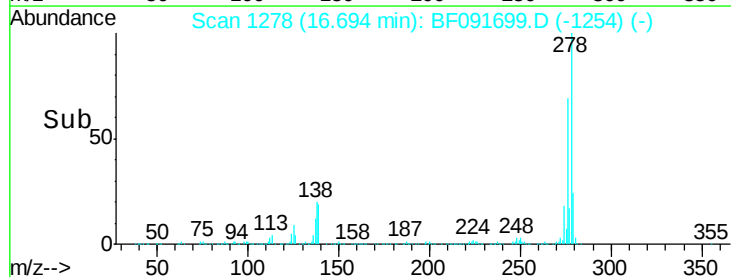
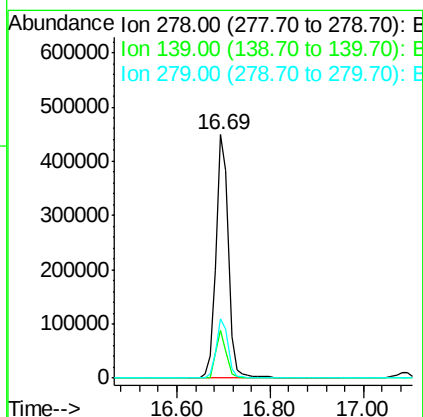
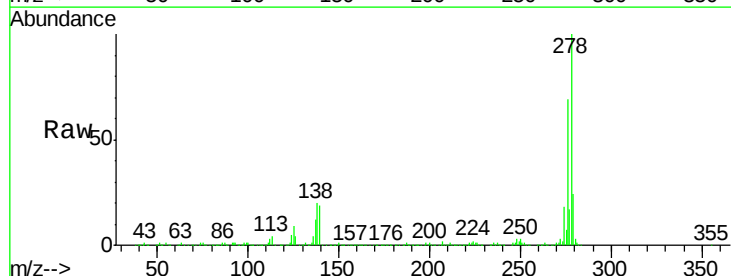
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

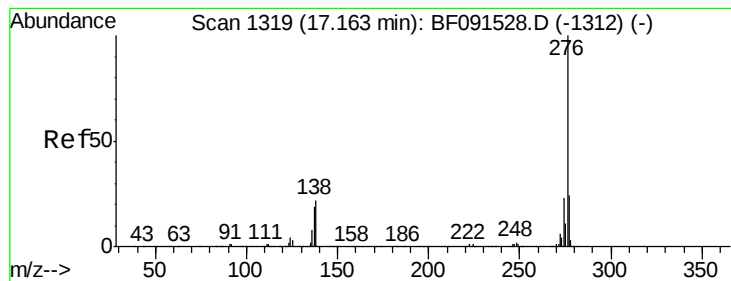
Tot Ion:252 Resp: 1051448  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.2 27.4  
125 10.0 10.4 15.6#



#90  
Dibenzo(a,h)anthracene  
Concen: 37.78 ng  
RT: 16.69 min Scan# 1278  
Delta R.T. -0.02 min  
Lab File: BF091699.D  
Acq: 17 Dec 2016 4:27

Tgt Ion:278 Resp: 832117  
Ion Ratio Lower Upper  
278 100  
139 19.5 15.1 22.7  
279 24.4 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 36.61 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.03 min

Lab File: BF091699.D

Acq: 17 Dec 2016 4:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

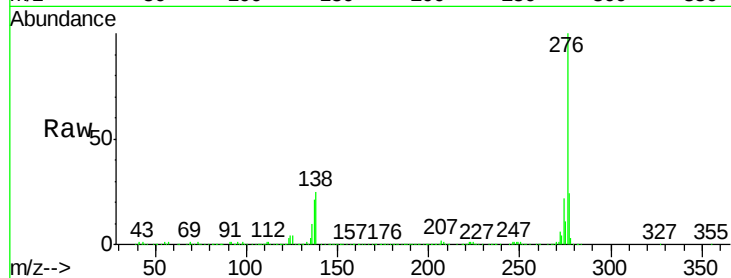
Tot Ion: 276 Resp: 820600

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 25.1 15.4 23.0#



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

