

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
 Data File : BF092724.D  
 Acq On : 2 Feb 2017 1:42  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 02 03:51:57 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 30 14:50:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 159509   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.24  | 136  | 632666   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 10.00 | 164  | 326131   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.48 | 188  | 522474   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.12 | 240  | 338416   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.59 | 264  | 301763   | 20.00 | ng    | -0.02    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.55  | 112 | 764901  | 82.27 | ng | -0.02 |
| 7) Phenol-d6                | 6.59  | 99  | 1040230 | 86.96 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.52  | 82  | 922270  | 81.18 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330 | 185089  | 78.47 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.32  | 172 | 1514673 | 84.14 | ng | -0.01 |
| 78) Terphenyl-d14           | 13.07 | 244 | 1245231 | 86.46 | ng | -0.01 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.58 | 88  | 227684  | 45.32  | ng | # 84 |
| 3) Pyridine                    | 3.33 | 79  | 540420  | 42.30  | ng | 91   |
| 4) n-Nitrosodimethylamine      | 3.29 | 42  | 263519  | 43.93  | ng | 82   |
| 6) Aniline                     | 6.61 | 93  | 675700  | 41.41  | ng | # 43 |
| 8) 2-Chlorophenol              | 6.73 | 128 | 402970  | 39.29  | ng | 86   |
| 9) Benzaldehyde                | 6.49 | 77  | 310713  | 36.25  | ng | 90   |
| 10) Phenol                     | 6.60 | 94  | 617671  | 44.13  | ng | 95   |
| 11) bis(2-Chloroethyl)ether    | 6.68 | 93  | 457151  | 40.92  | ng | 96   |
| 12) 1,3-Dichlorobenzene        | 6.89 | 146 | 509510  | 42.41  | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 6.97 | 146 | 506688  | 41.67  | ng | 93   |
| 14) 1,2-Dichlorobenzene        | 7.12 | 146 | 455618  | 39.19  | ng | 99   |
| 15) Benzyl Alcohol             | 7.09 | 79  | 366812  | 41.42  | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.22 | 45  | 896594  | 46.20  | ng | 98   |
| 17) 2-Methylphenol             | 7.21 | 107 | 356770  | 40.54  | ng | 99   |
| 18) Hexachloroethane           | 7.46 | 117 | 172045  | 41.45  | ng | 89   |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 318213  | 41.79  | ng | # 97 |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 454266  | 43.18  | ng | # 88 |
| 22) Acetophenone               | 7.36 | 105 | 560337  | 38.79  | ng | # 91 |
| 24) Nitrobenzene               | 7.54 | 77  | 527081  | 45.18  | ng | # 85 |
| 25) Isophorone                 | 7.77 | 82  | 902385  | 42.62  | ng | # 92 |
| 26) 2-Nitrophenol              | 7.85 | 139 | 216263  | 39.00  | ng | # 89 |
| 27) 2,4-Dimethylphenol         | 7.89 | 122 | 397272  | 40.79  | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93  | 567519  | 40.48  | ng | 99   |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 373451  | 41.12  | ng | 94   |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 391528  | 40.00  | ng | 96   |
| 31) Naphthalene                | 8.26 | 128 | 1213333 | 37.83  | ng | 99   |
| 32) Benzoic acid               | 8.01 | 122 | 207673  | 39.18  | ng | 96   |
| 33) 4-Chloroaniline            | 8.32 | 127 | 519828  | 41.33  | ng | 94   |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 195540  | 36.31  | ng | 99   |
| 35) Caprolactam                | 8.68 | 113 | 114793  | 40.18  | ng | # 36 |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107 | 365188  | 38.56  | ng | 94   |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 837020  | 40.65  | ng | 98   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 343827  | 37.56  | ng | 99   |
| 40) Hexachlorocyclopentadiene  | 9.10 | 237 | 153105  | 37.07  | ng | 95   |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

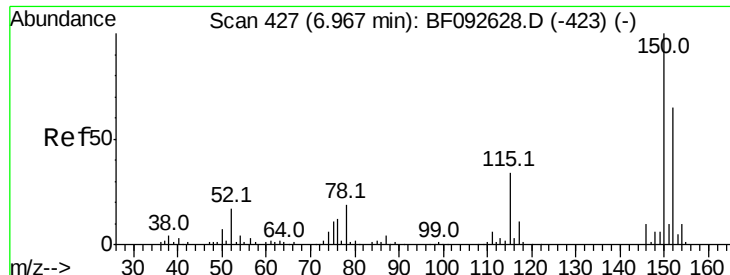
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 02 03:51:57 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
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 QLast Update : Mon Jan 30 14:50:05 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.23  | 196  | 232474   | 38.65 | nq    | 89       |
| 43) 2,4,5-Trichlorophenol      | 9.28  | 196  | 261055   | 39.61 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 949000   | 40.19 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 793034   | 42.93 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.54  | 65   | 247656   | 39.87 | nq    | 88       |
| 48) Acenaphthylene             | 9.86  | 152  | 1166217  | 36.54 | nq    | 99       |
| 49) Dimethylphthalate          | 9.72  | 163  | 878922   | 40.01 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 197968   | 41.73 | nq    | # 77     |
| 51) Acenaphthene               | 10.03 | 154  | 707538   | 37.08 | nq    | 96       |
| 52) 3-Nitroaniline             | 9.96  | 138  | 229588   | 42.29 | nq    | # 76     |
| 53) 2,4-Dinitrophenol          | 10.06 | 184  | 73834    | 33.52 | nq    | 94       |
| 54) Dibenzofuran               | 10.20 | 168  | 939134   | 36.80 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.12 | 139  | 140398   | 35.91 | nq    | 89       |
| 56) 2,4-Dinitrotoluene         | 10.19 | 165  | 278694   | 44.13 | nq    | # 82     |
| 57) Fluorene                   | 10.54 | 166  | 749301   | 38.16 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 184048   | 41.86 | nq    | 98       |
| 59) Diethylphthalate           | 10.42 | 149  | 799068   | 38.60 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 366213   | 38.82 | nq    | # 75     |
| 61) 4-Nitroaniline             | 10.57 | 138  | 192265   | 34.58 | nq    | 94       |
| 62) Azobenzene                 | 10.70 | 77   | 956018   | 44.70 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 115536   | 36.98 | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 654103   | 39.19 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.04 | 248  | 222541   | 40.77 | nq    | # 79     |
| 67) Hexachlorobenzene          | 11.09 | 284  | 197593   | 36.63 | nq    | # 76     |
| 68) Atrazine                   | 11.18 | 200  | 191318   | 35.72 | nq    | 98       |
| 69) Pentachlorophenol          | 11.30 | 266  | 103656   | 41.08 | nq    | 97       |
| 70) Phenanthrene               | 11.52 | 178  | 1224793  | 40.92 | nq    | 98       |
| 71) Anthracene                 | 11.56 | 178  | 1123227  | 37.37 | nq    | 99       |
| 72) Carbazole                  | 11.72 | 167  | 1053602  | 36.67 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.04 | 149  | 1224550  | 39.41 | nq    | 98       |
| 74) Fluoranthene               | 12.70 | 202  | 1126533  | 36.49 | nq    | 91       |
| 76) Benzidine                  | 12.82 | 184  | 470220   | 32.61 | nq    | 100      |
| 77) Pyrene                     | 12.93 | 202  | 1160050  | 45.80 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.54 | 149  | 459201   | 44.65 | nq    | 95       |
| 80) Benzo(a)anthracene         | 14.11 | 228  | 801969   | 38.75 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 275329   | 37.32 | nq    | # 98     |
| 82) Chrysene                   | 14.16 | 228  | 790758   | 40.80 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 627317   | 44.60 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 14.71 | 149  | 954770   | 41.69 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 810873   | 54.02 | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 15.16 | 252  | 691476   | 34.81 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.20 | 252  | 722844m  | 42.15 | nq    |          |
| 89) Benzo(a)pyrene             | 15.53 | 252  | 688495   | 40.07 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.08 | 278  | 694387   | 50.01 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 17.52 | 276  | 719444   | 51.29 | nq    | # 93     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

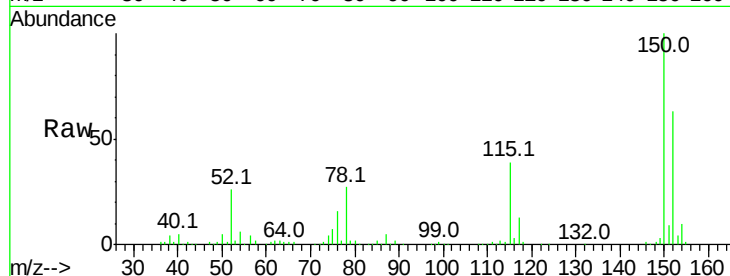
Tot Ion:152 Resp: 159509

Ion Ratio Lower Upper

152 100

150 158.0 124.9 187.3

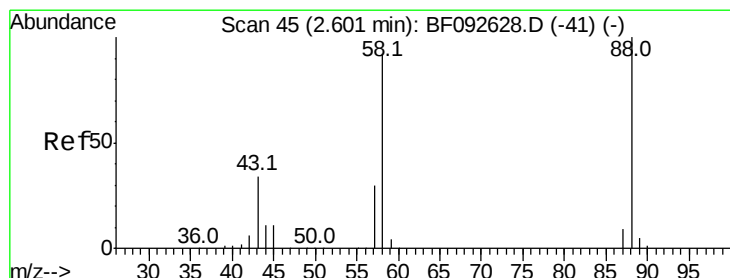
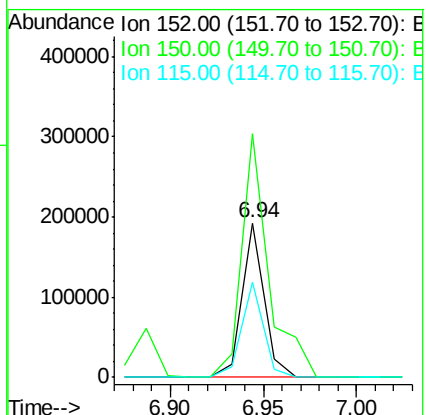
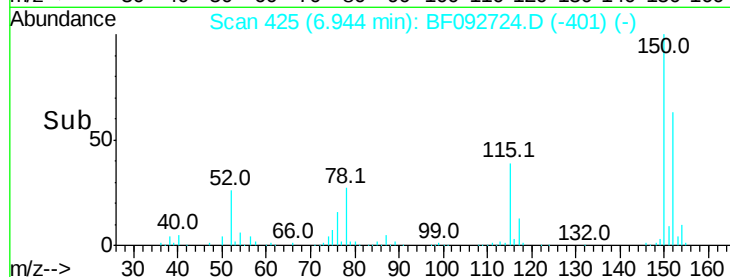
115 61.8 46.0 69.0



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: 45.32 ng

RT: 2.58 min Scan# 43

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

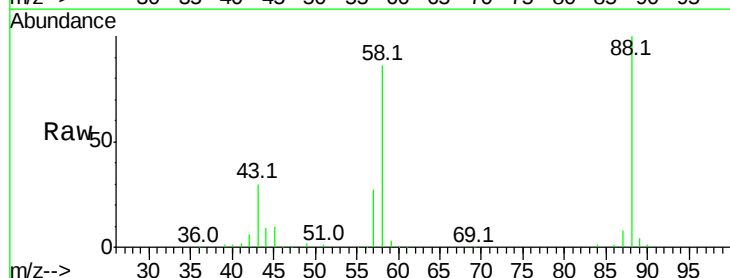
Tgt Ion: 88 Resp: 227684

Ion Ratio Lower Upper

88 100

58 87.2 57.8 86.8#

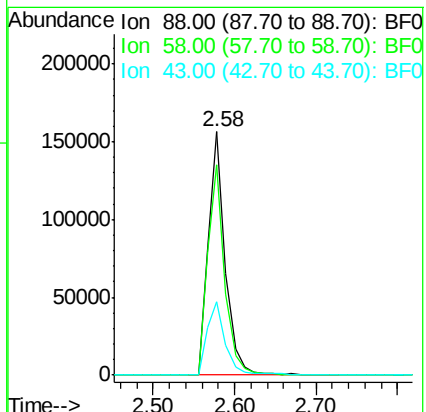
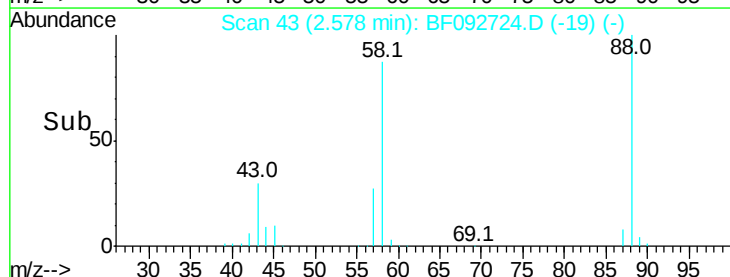
43 33.1 22.3 33.5

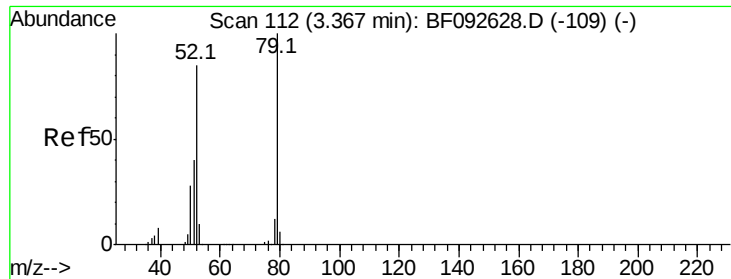


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.30 ng

RT: 3.33 min Scan# 109

Delta R.T. -0.03 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

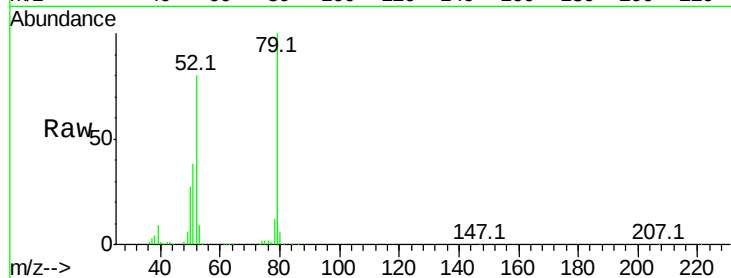
Tot Ion: 79 Resp: 540420

Ion Ratio Lower Upper

79 100

52 79.5 57.1 85.7

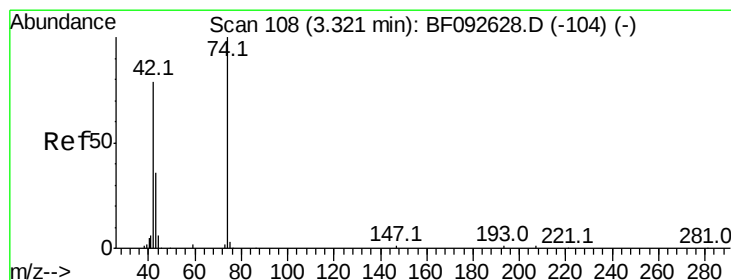
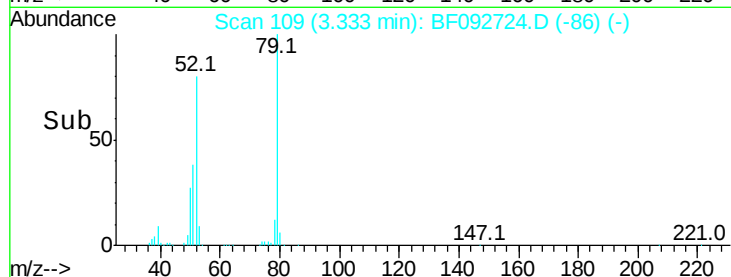
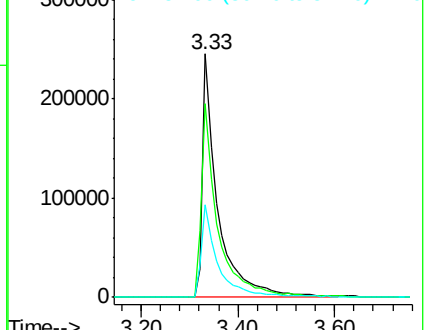
51 38.0 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.93 ng

RT: 3.29 min Scan# 105

Delta R.T. -0.03 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

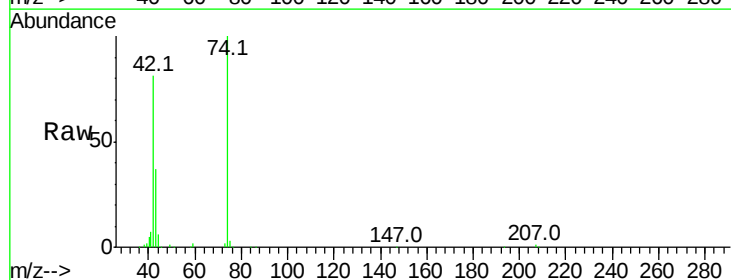
Tgt Ion: 42 Resp: 263519

Ion Ratio Lower Upper

42 100

74 122.9 117.0 175.4

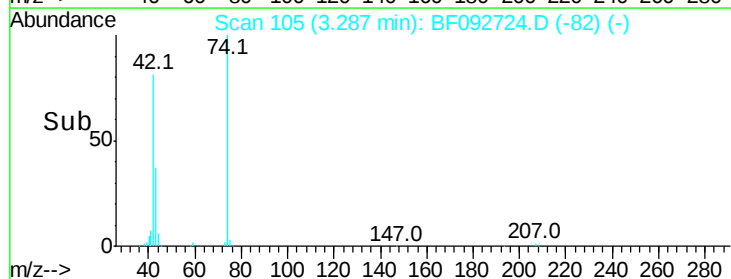
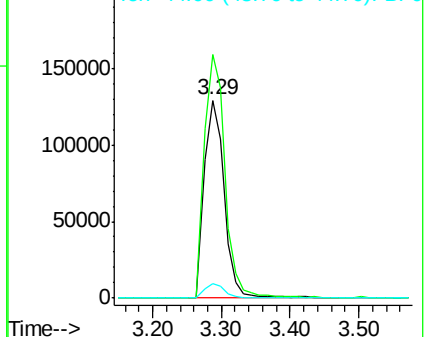
44 7.4 5.5 8.3

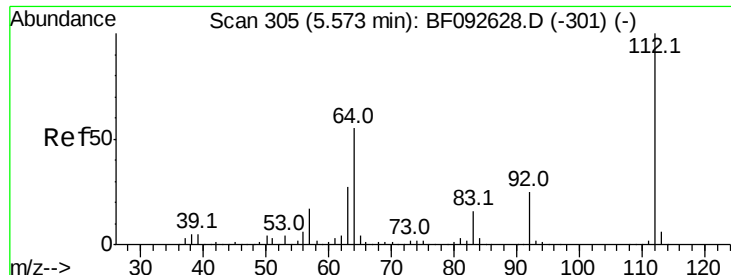


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.27 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

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ClientSampleId :

SSTDCCC040

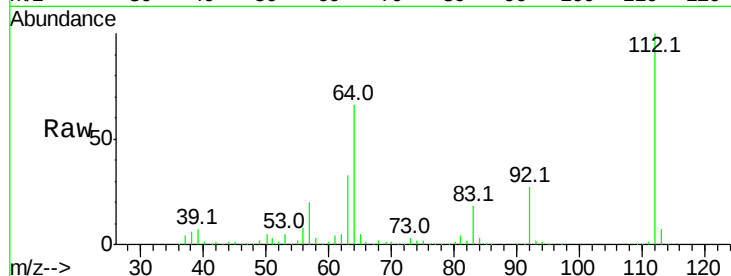
Tot Ion:112 Resp: 764901

Ion Ratio Lower Upper

112 100

64 65.8 46.1 69.1

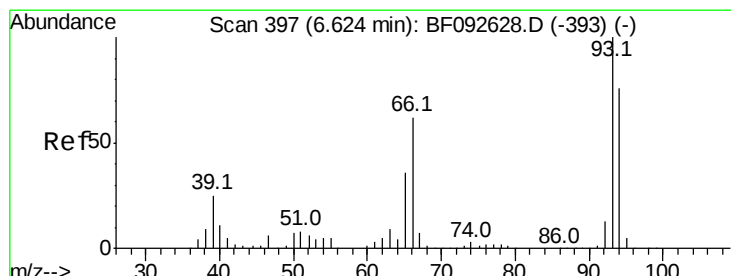
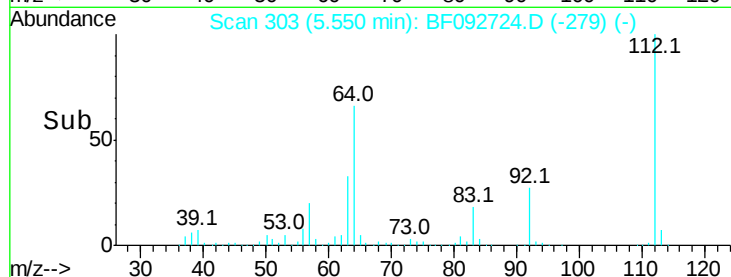
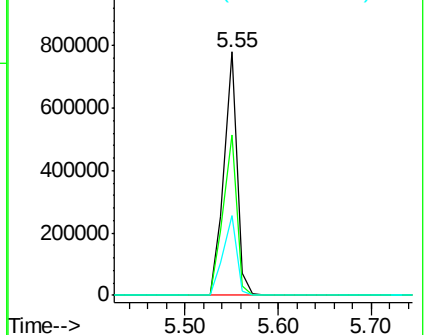
63 32.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.41 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

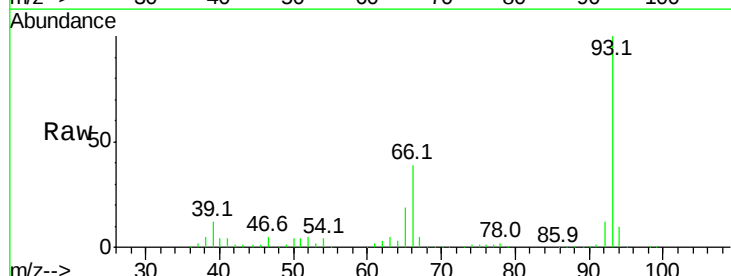
Tgt Ion: 93 Resp: 675700

Ion Ratio Lower Upper

93 100

66 38.7 76.2 114.2#

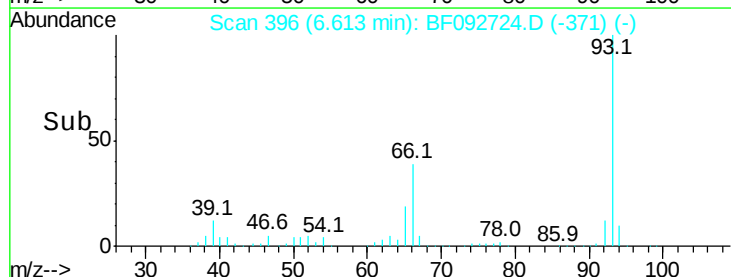
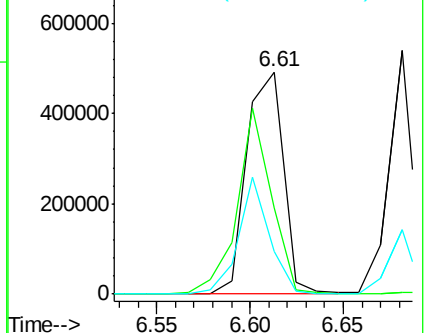
65 18.9 49.3 73.9#

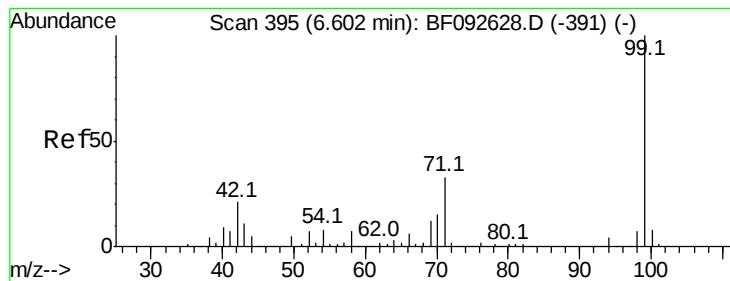


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.96 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

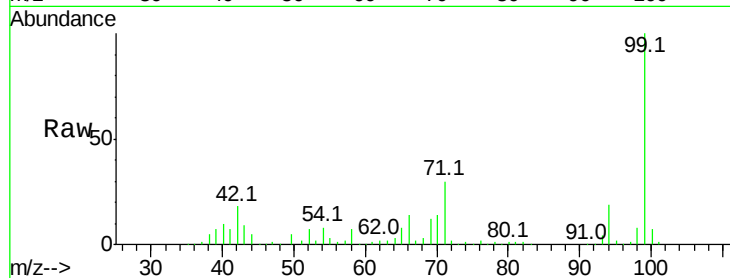
Tot Ion: 99 Resp: 1040230

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

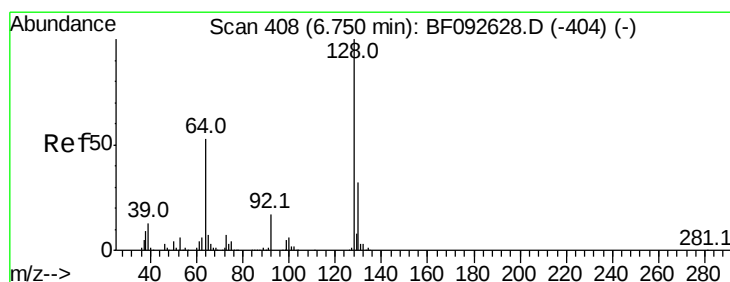
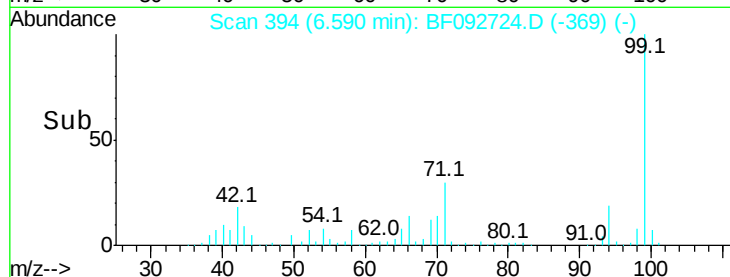
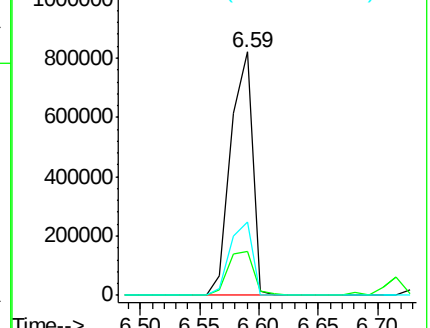
71 30.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.29 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

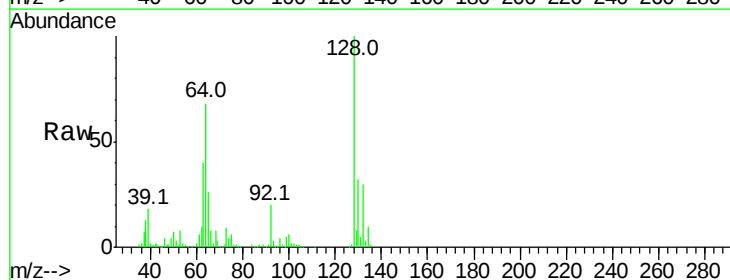
Tgt Ion: 128 Resp: 402970

Ion Ratio Lower Upper

128 100

130 31.6 12.3 52.3

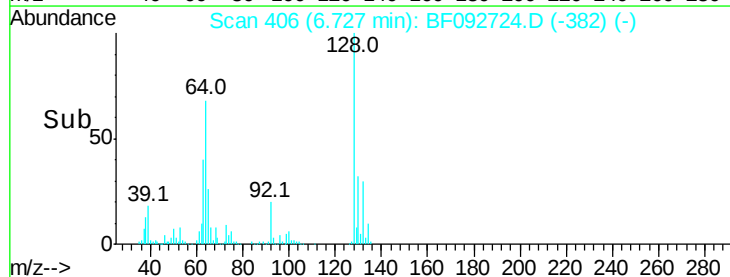
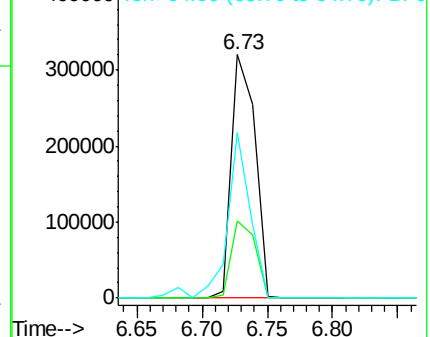
64 67.9 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.25 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

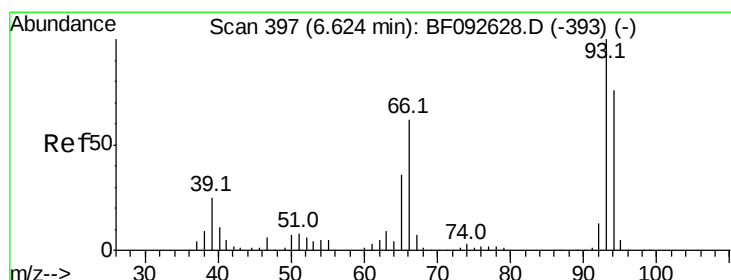
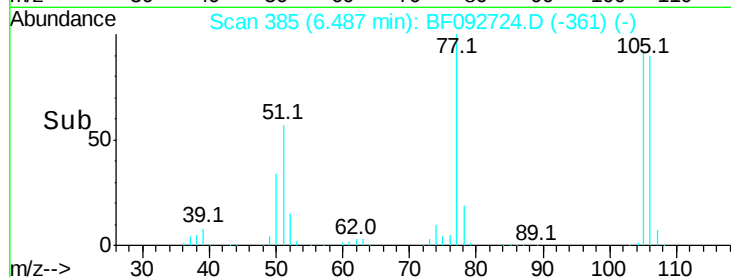
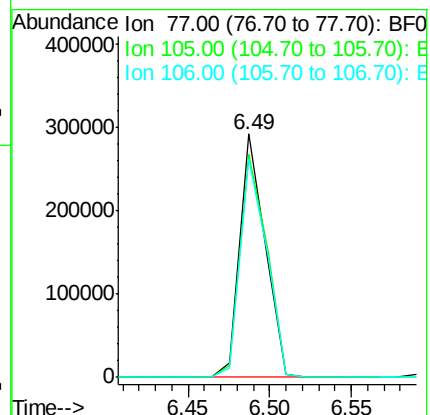
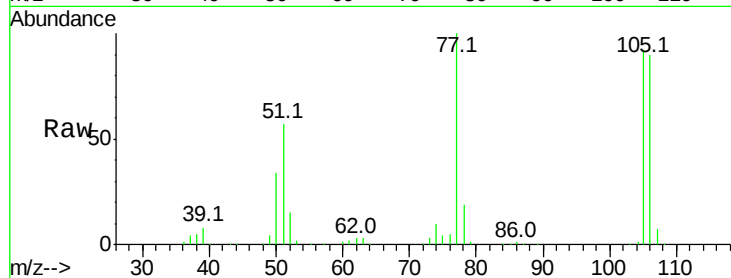
Tot Ion: 77 Resp: 310713

Ion Ratio Lower Upper

77 100

105 91.9 83.9 123.9

106 89.6 77.6 117.6



#10

Phenol

Concen: 44.13 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

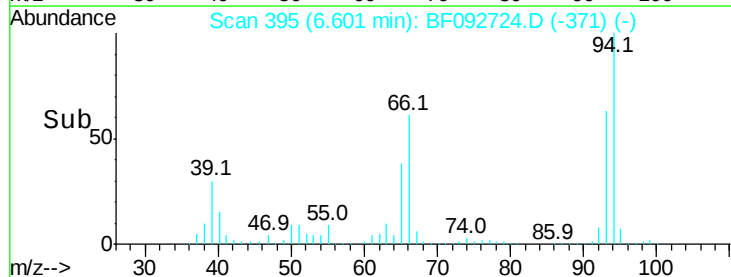
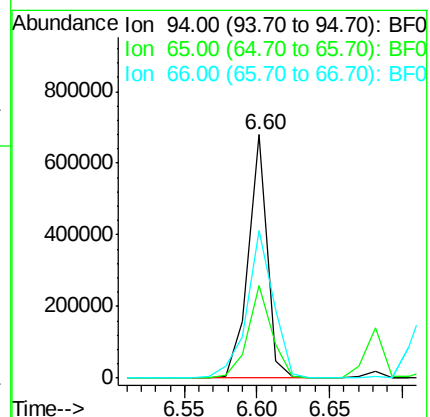
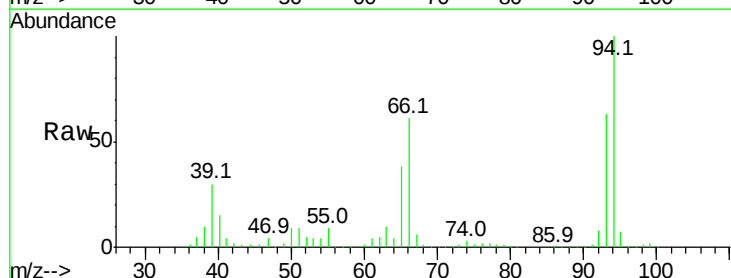
Tgt Ion: 94 Resp: 617671

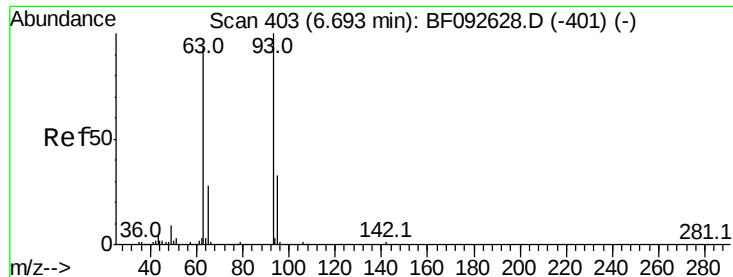
Ion Ratio Lower Upper

94 100

65 38.1 21.4 61.4

66 60.7 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 40.92 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

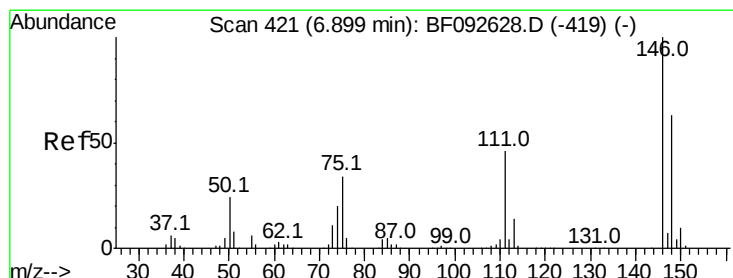
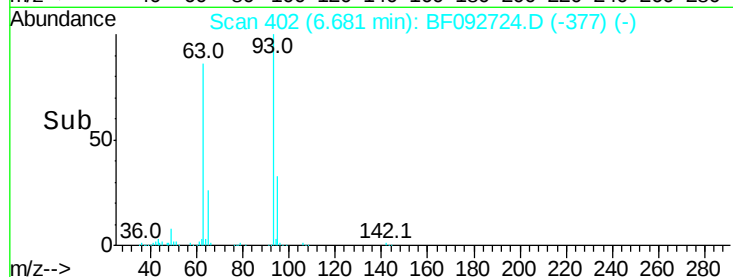
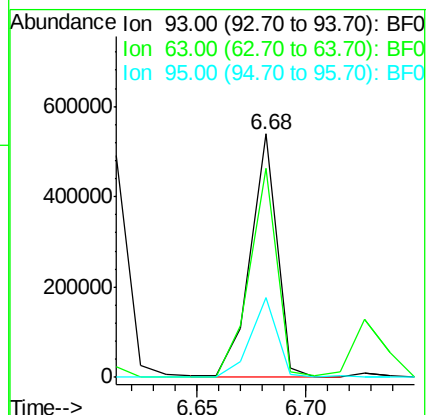
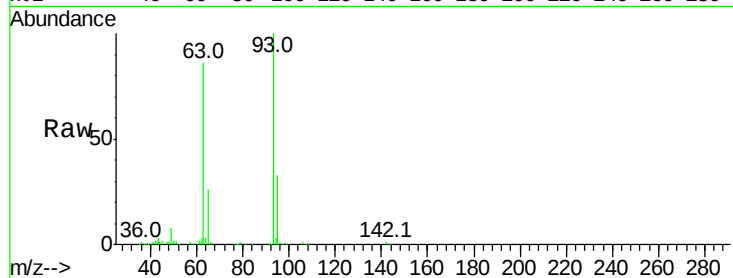
Tot Ion: 93 Resp: 457151

Ion Ratio Lower Upper

93 100

63 85.8 60.4 100.4

95 32.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.41 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

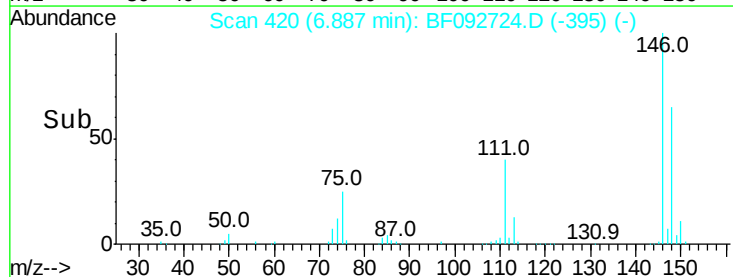
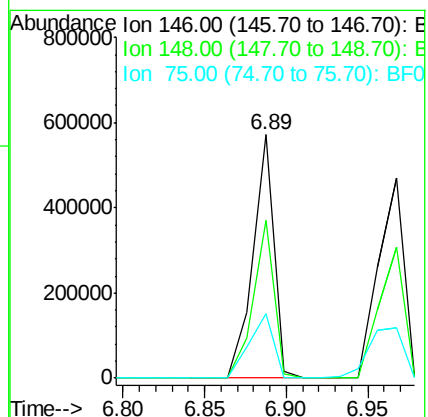
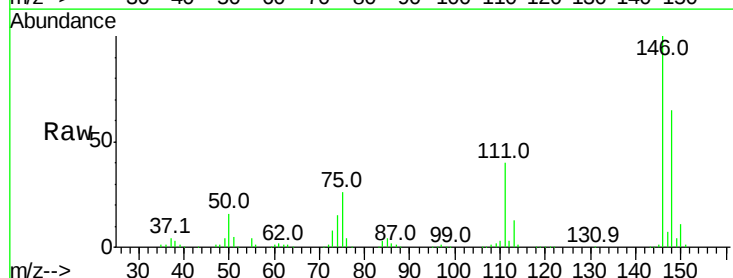
Tgt Ion: 146 Resp: 509510

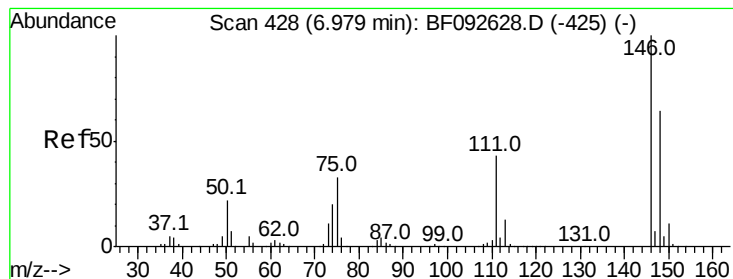
Ion Ratio Lower Upper

146 100

148 65.1 53.4 80.0

75 26.3 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.67 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

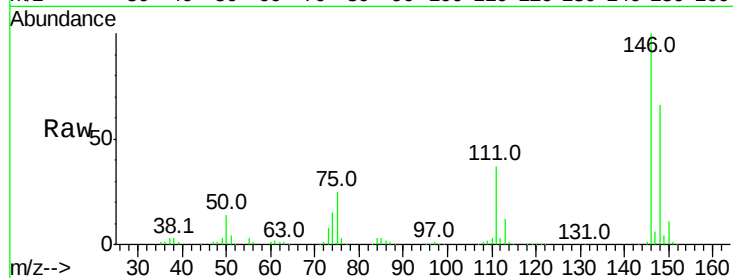
Tot Ion:146 Resp: 506688

Ion Ratio Lower Upper

146 100

148 65.7 50.6 76.0

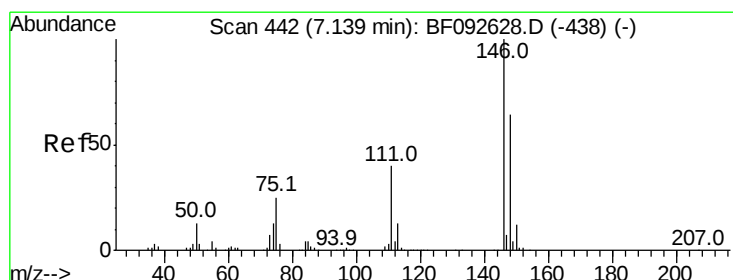
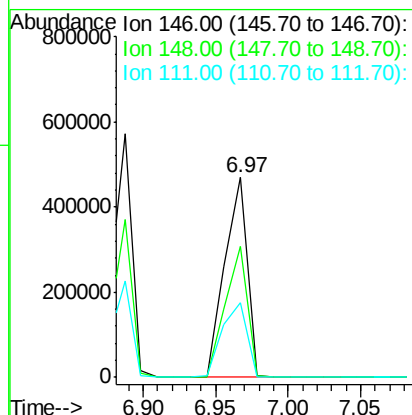
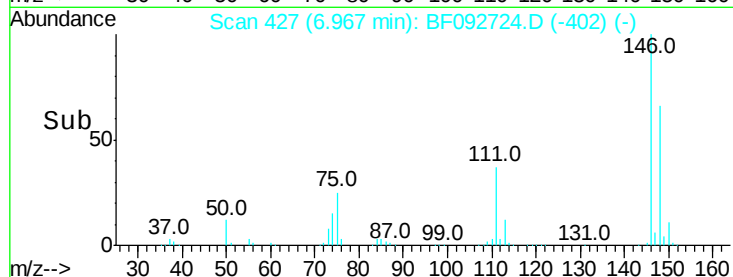
111 37.1 36.2 54.4



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: 39.19 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

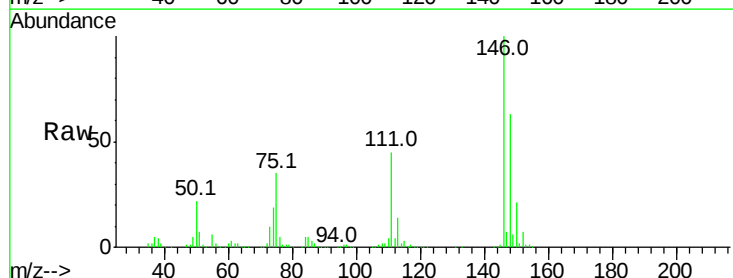
Tgt Ion:146 Resp: 455618

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

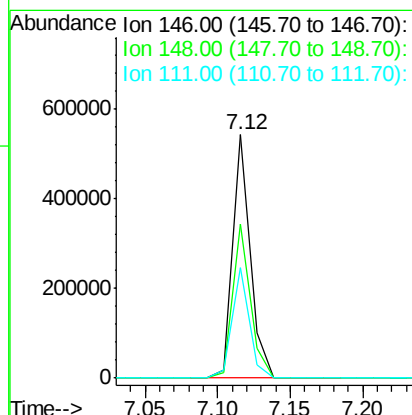
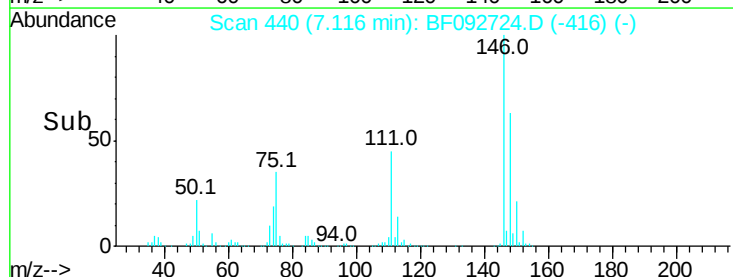
111 45.5 36.2 54.2

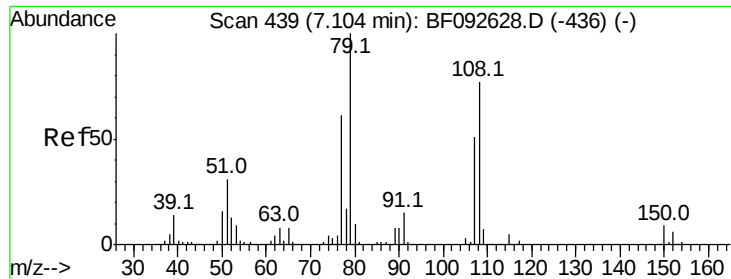


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

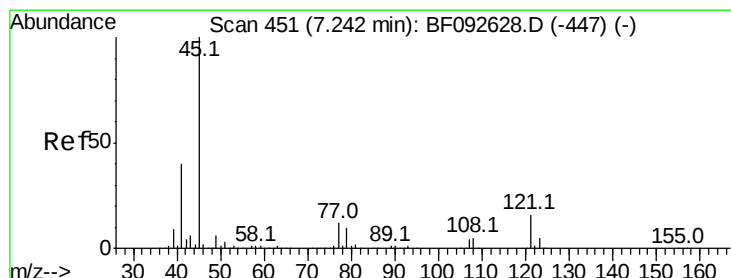
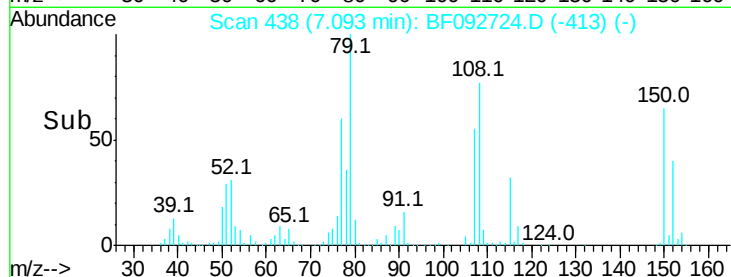
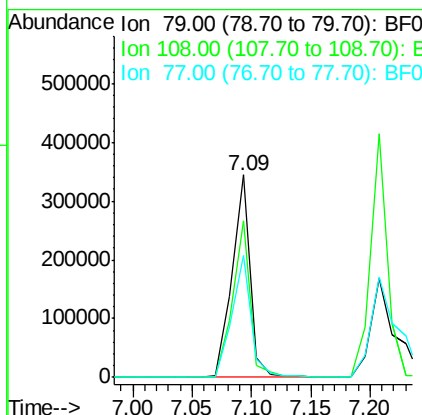
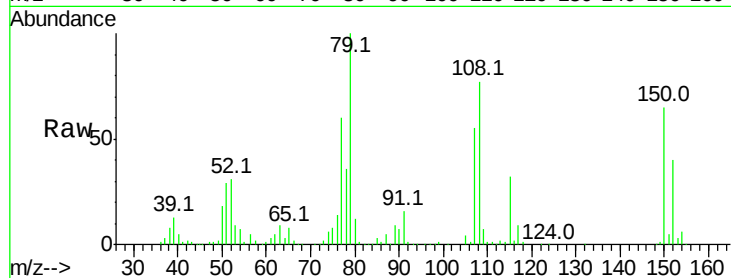




#15  
Benzyl Alcohol  
Concen: 41.42 ng  
RT: 7.09 min Scan# 438  
Delta R.T. -0.01 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

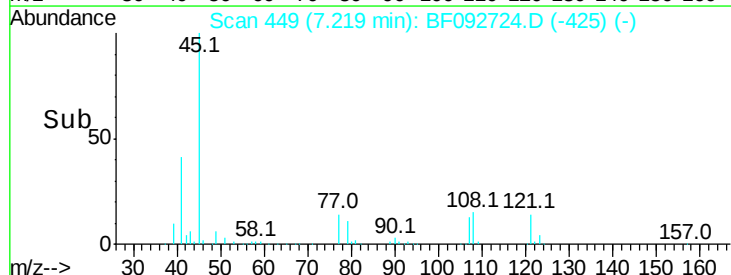
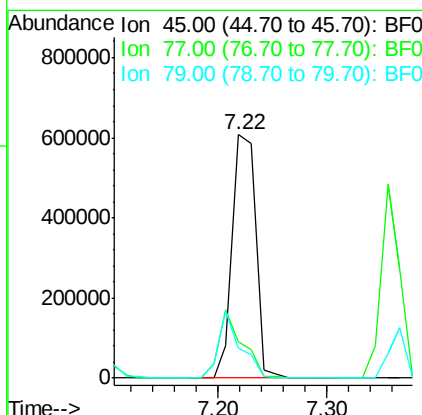
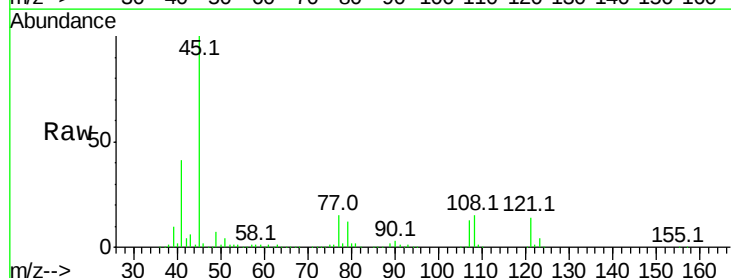
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

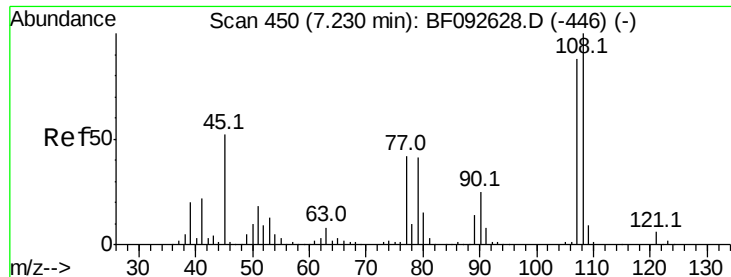
Tot Ion: 79 Resp: 366812  
Ion Ratio Lower Upper  
79 100  
108 77.5 61.4 92.0  
77 60.4 50.9 76.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.20 ng  
RT: 7.22 min Scan# 449  
Delta R.T. -0.02 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

Tgt Ion: 45 Resp: 896594  
Ion Ratio Lower Upper  
45 100  
77 15.0 0.0 34.6  
79 12.0 0.0 31.2

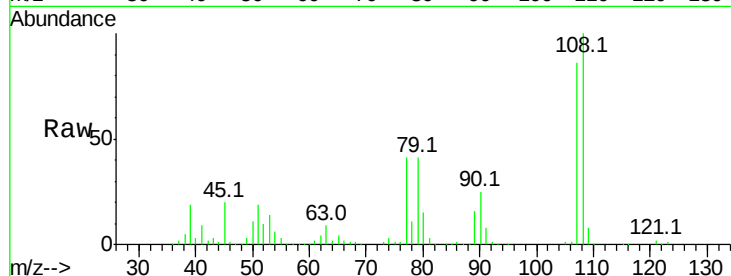




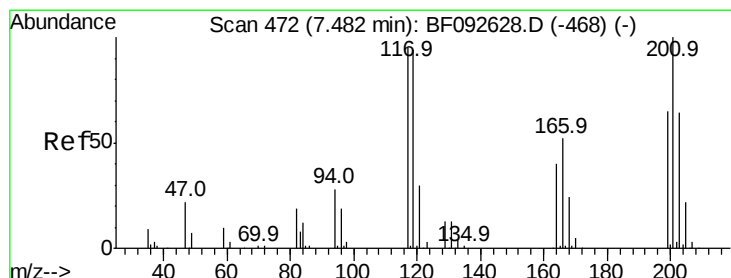
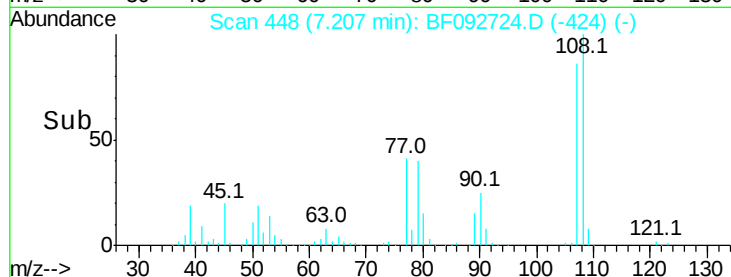
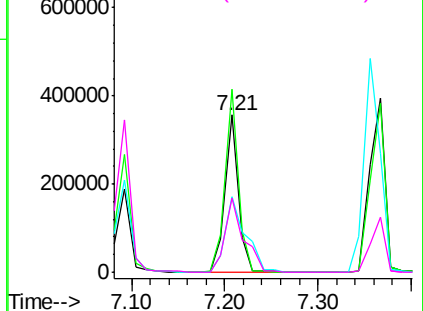
#17  
2-Methylphenol  
Concen: 40.54 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.02 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:107 Resp: 356770  
Ion Ratio Lower Upper  
107 100  
108 116.4 93.0 139.6  
77 48.0 39.8 59.8  
79 47.3 38.0 57.0

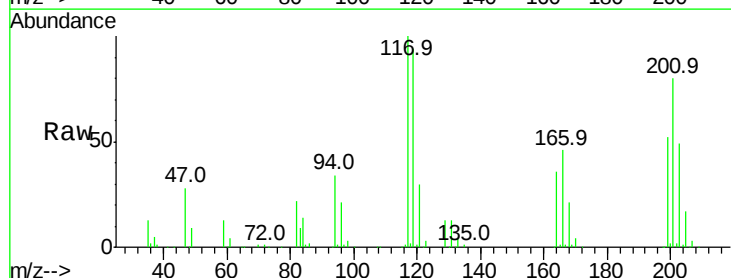


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

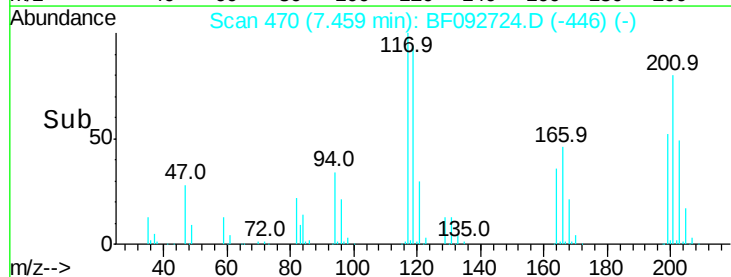
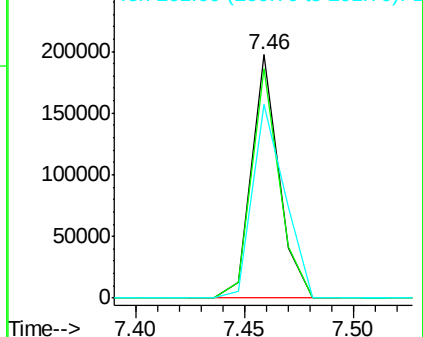


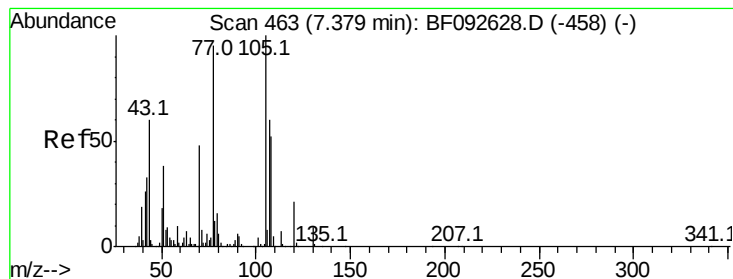
#18  
Hexachloroethane  
Concen: 41.45 ng  
RT: 7.46 min Scan# 470  
Delta R.T. -0.02 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

Tgt Ion:117 Resp: 172045  
Ion Ratio Lower Upper  
117 100  
119 94.5 78.1 117.1  
201 79.8 78.6 117.8



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: 41.79 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 318213

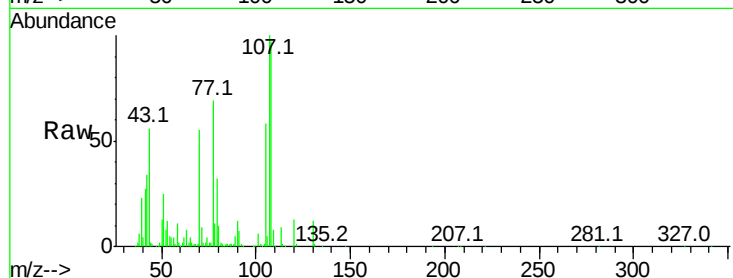
Ion Ratio Lower Upper

70 100

42 61.3 49.4 74.0

101 10.1 7.4 11.2

130 22.5 14.2 21.4#



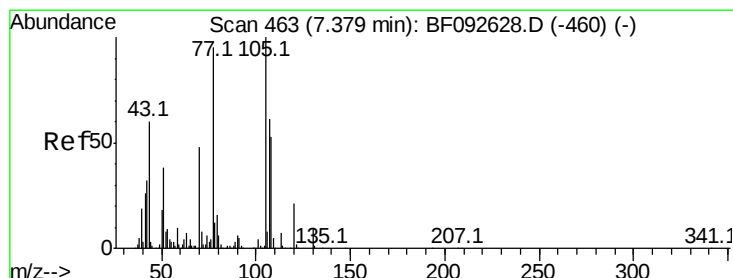
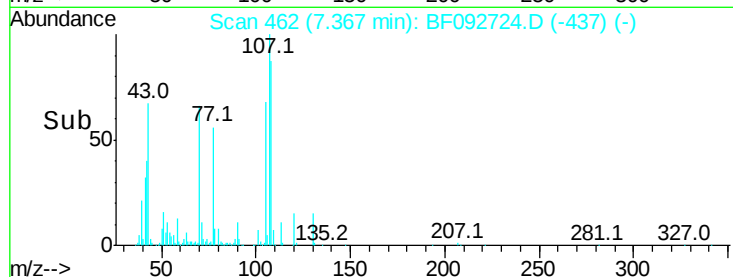
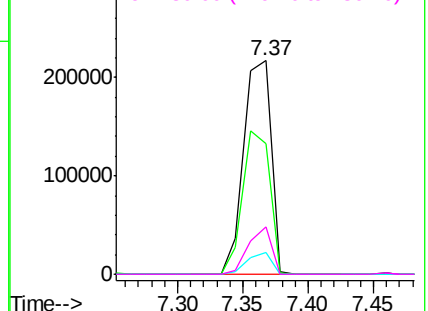
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 43.18 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Tgt Ion:107 Resp: 454266

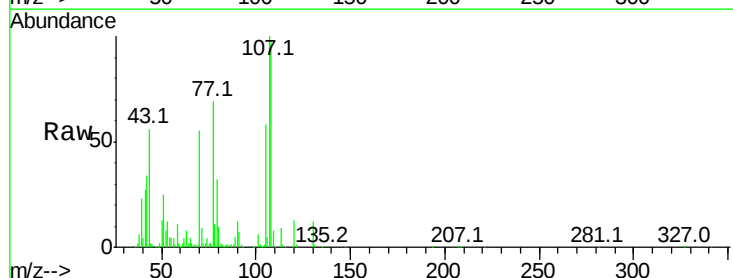
Ion Ratio Lower Upper

107 100

108 97.3 73.0 113.0

77 69.0 71.3 111.3#

79 32.1 11.1 51.1



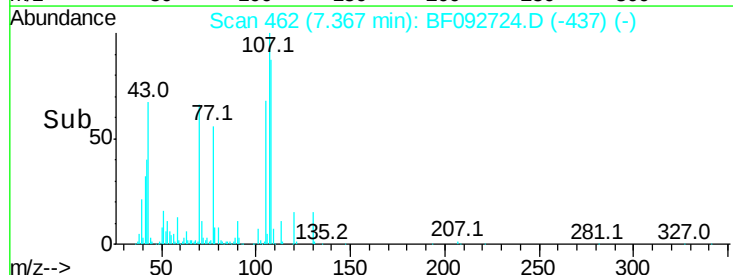
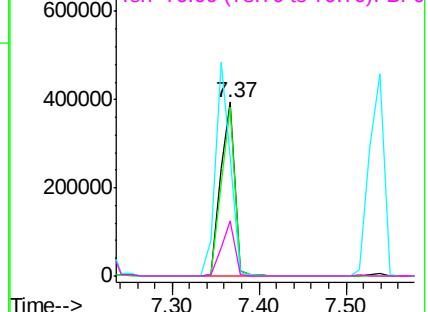
Abundance

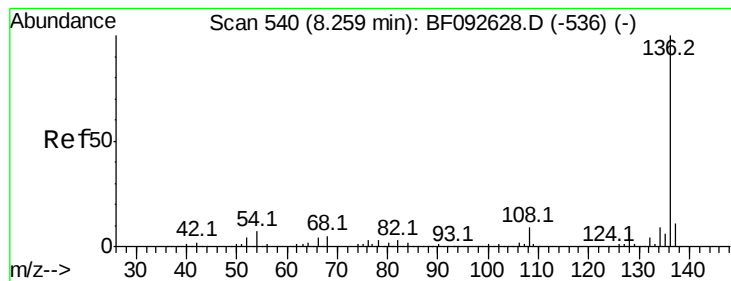
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 632666

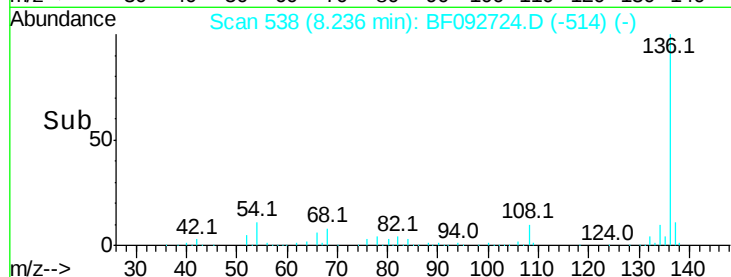
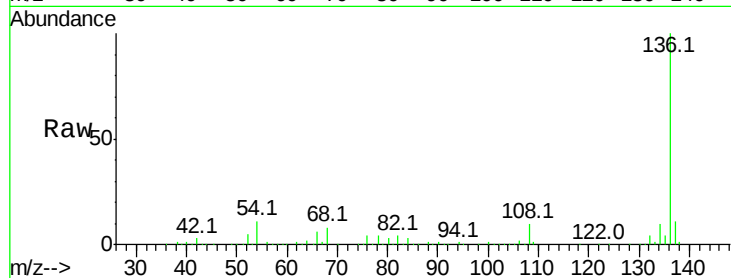
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.6 4.5 6.7#

68 7.7 3.6 5.4#

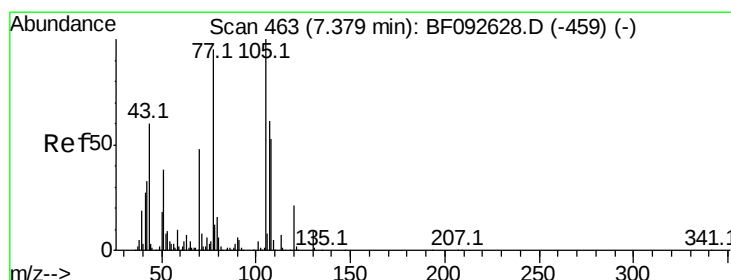
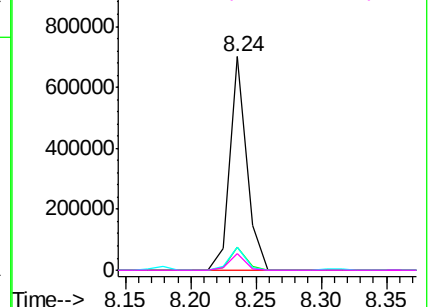


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.79 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Tgt Ion:105 Resp: 560337

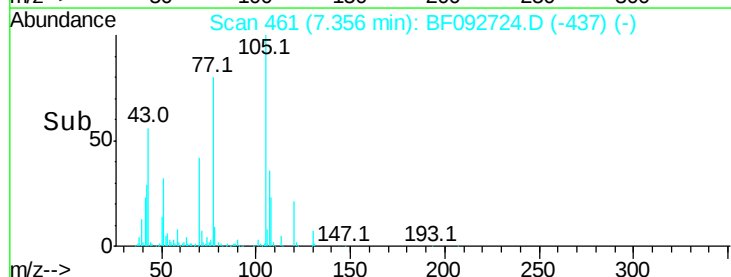
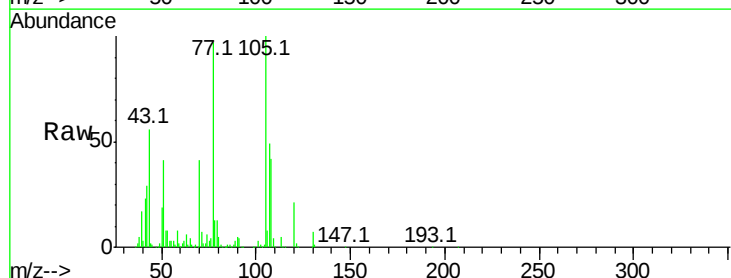
Ion Ratio Lower Upper

105 100

71 6.5 3.2 4.8#

51 41.2 26.2 39.4#

120 21.2 16.6 24.8

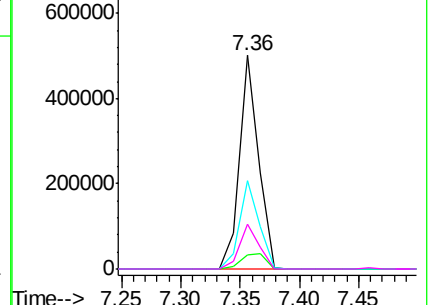


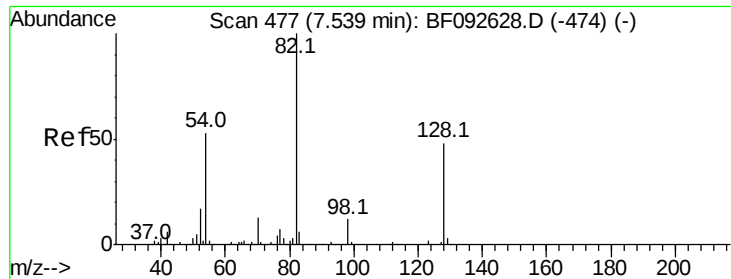
Abundance Ion 105.00 (104.70 to 105.70): E

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

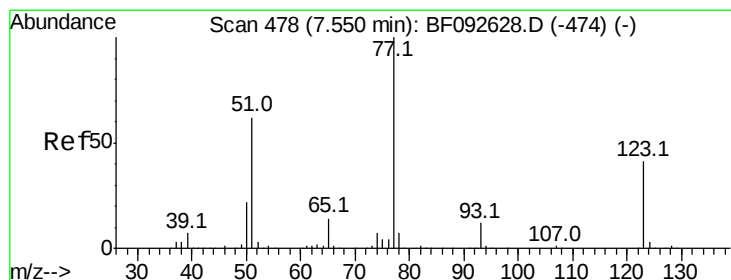
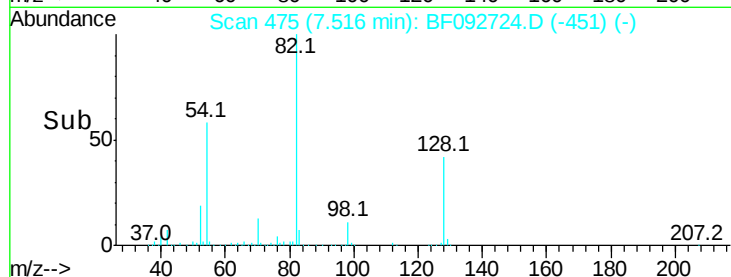
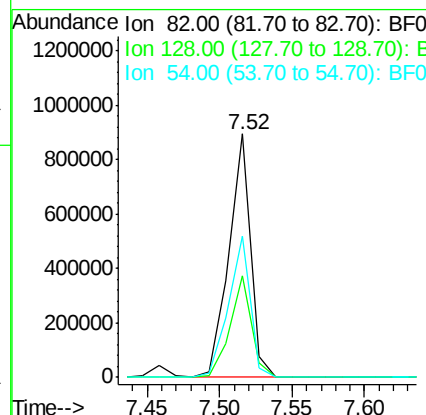
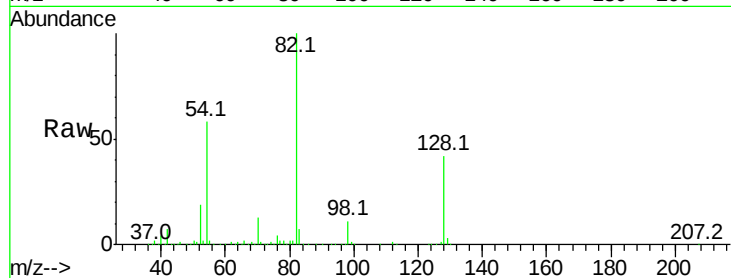




#23  
 Nitrobenzene-d5  
 Concen: 81.18 ng  
 RT: 7.52 min Scan# 475  
 Delta R.T. -0.02 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

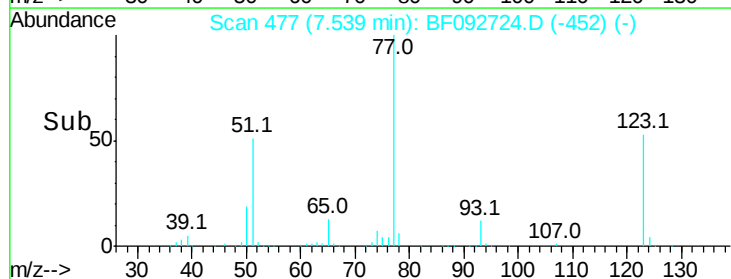
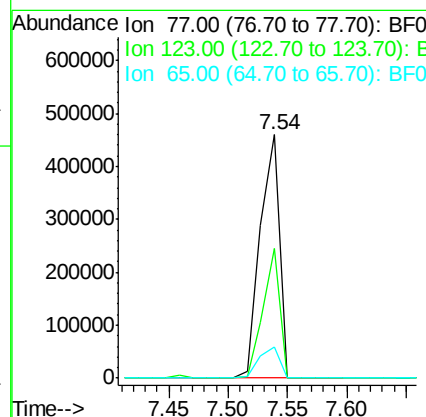
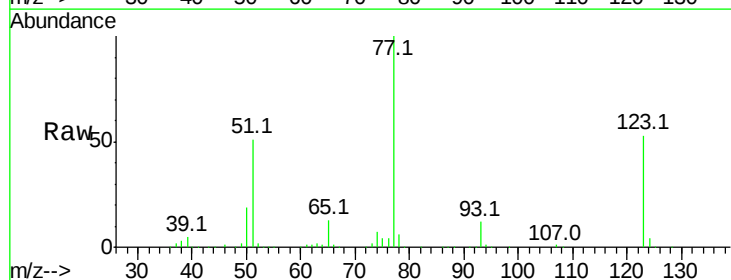
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

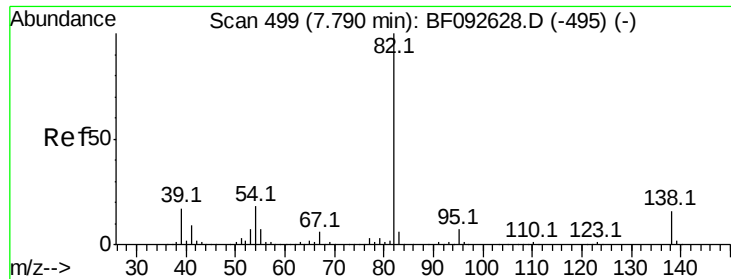
Tot Ion: 82 Resp: 922270  
 Ion Ratio Lower Upper  
 82 100  
 128 41.7 34.6 52.0  
 54 58.1 39.5 59.3



#24  
 Nitrobenzene  
 Concen: 45.18 ng  
 RT: 7.54 min Scan# 477  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Tgt Ion: 77 Resp: 527081  
 Ion Ratio Lower Upper  
 77 100  
 123 53.1 33.0 49.4#  
 65 12.9 11.2 16.8





#25

Isophorone

Concen: 42.62 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

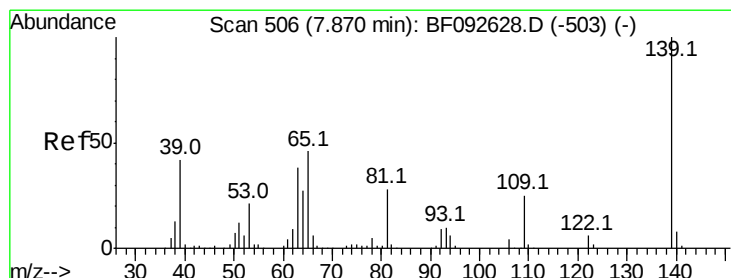
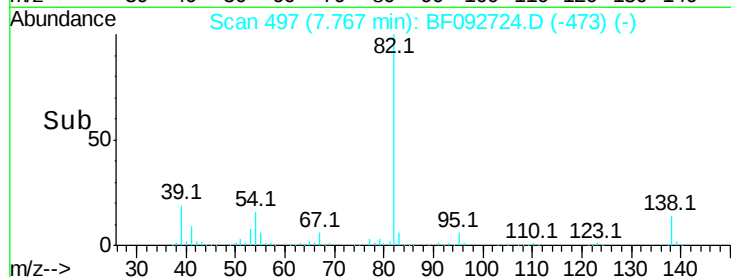
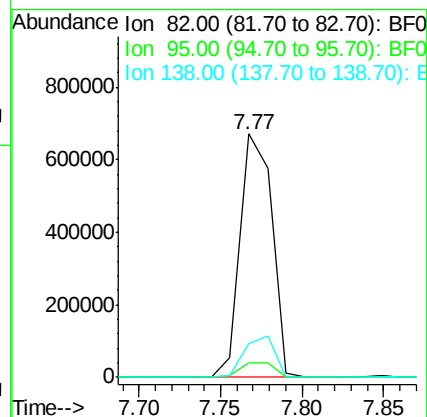
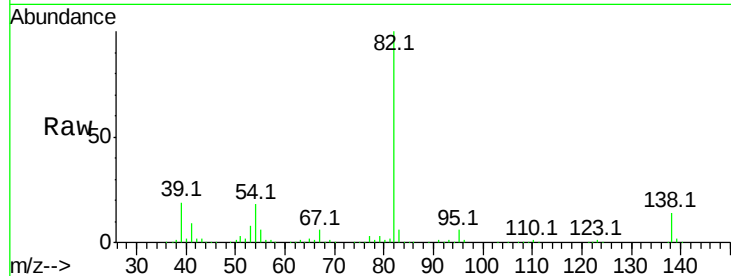
Tot Ion: 82 Resp: 902385

Ion Ratio Lower Upper

82 100

95 5.9 5.6 8.4

138 13.7 14.6 22.0#



#26

2-Nitrophenol

Concen: 39.00 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

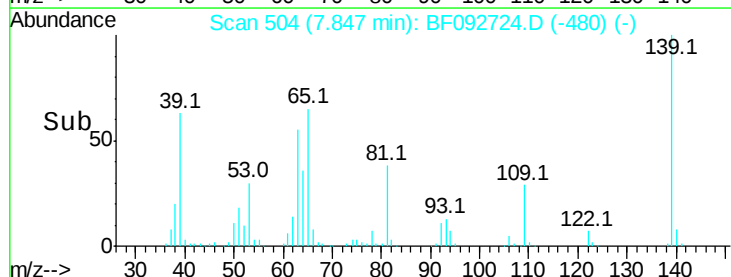
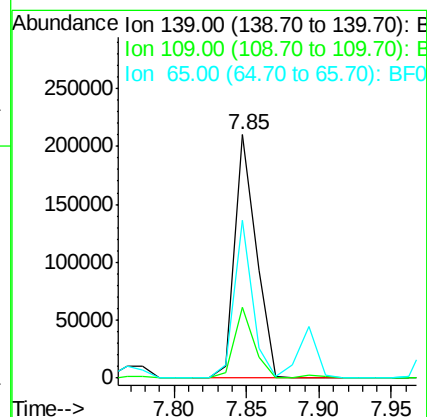
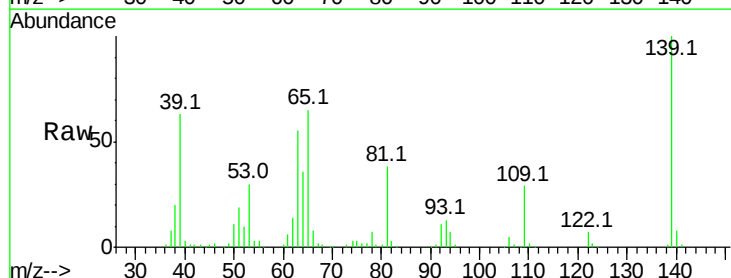
Tgt Ion: 139 Resp: 216263

Ion Ratio Lower Upper

139 100

109 28.9 23.3 34.9

65 64.8 42.7 64.1#

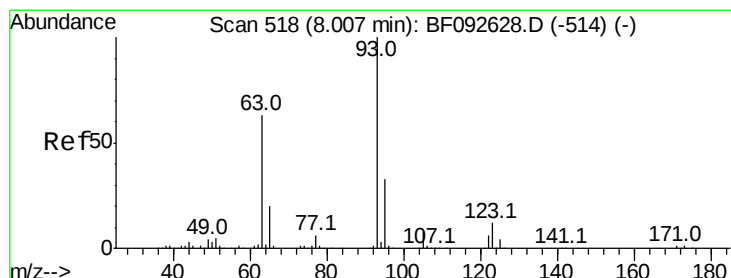
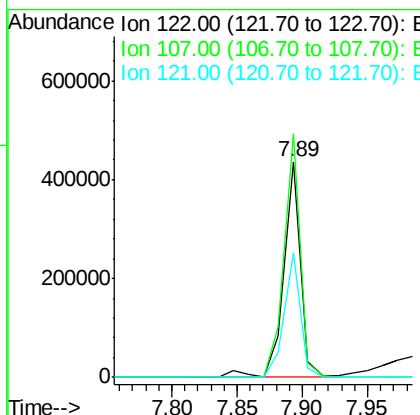
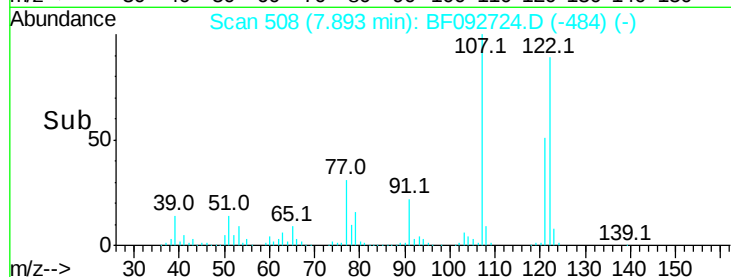
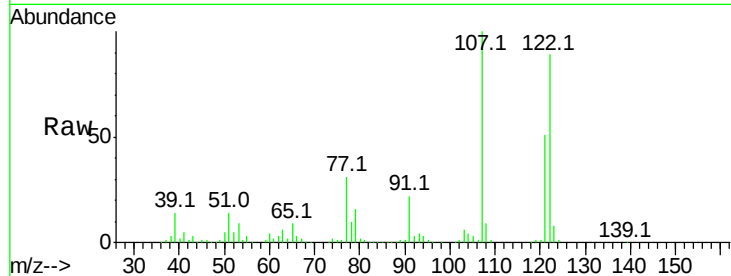




#27  
2,4-Dimethylphenol  
Concen: 40.79 ng  
RT: 7.89 min Scan# 508  
Delta R.T. -0.02 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

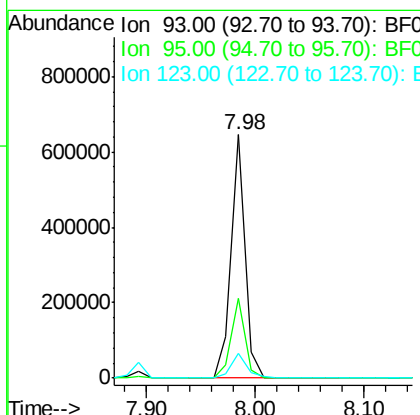
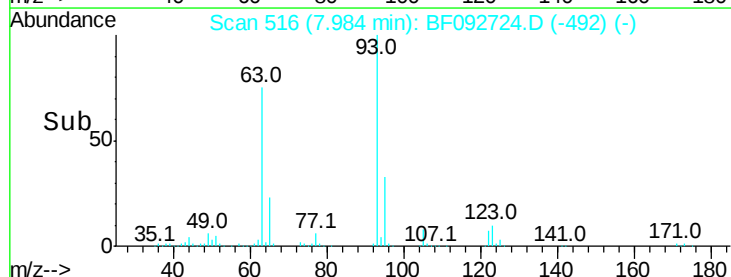
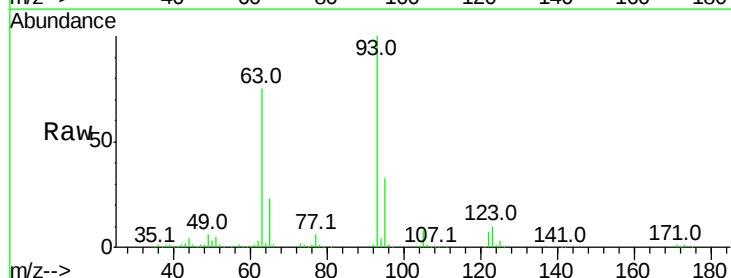
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

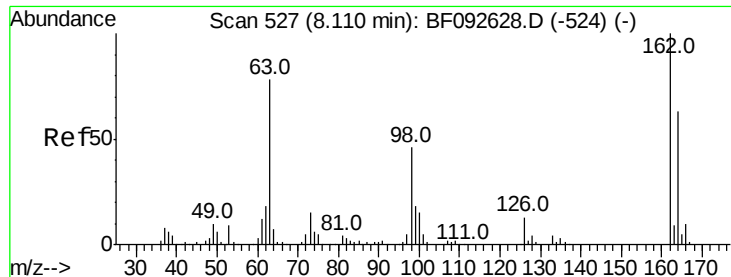
Tot Ion:122 Resp: 397272  
Ion Ratio Lower Upper  
122 100  
107 112.9 94.1 141.1  
121 57.5 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.48 ng  
RT: 7.98 min Scan# 516  
Delta R.T. -0.02 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

Tgt Ion: 93 Resp: 567519  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.5 39.7  
123 10.2 8.6 13.0

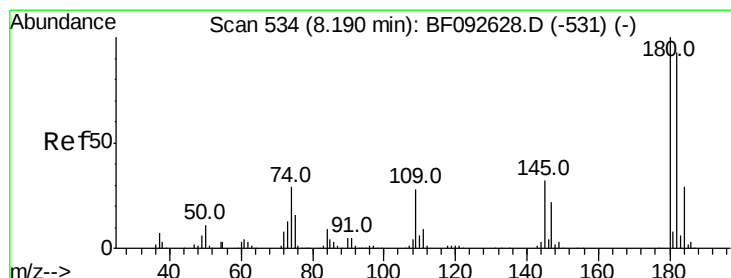
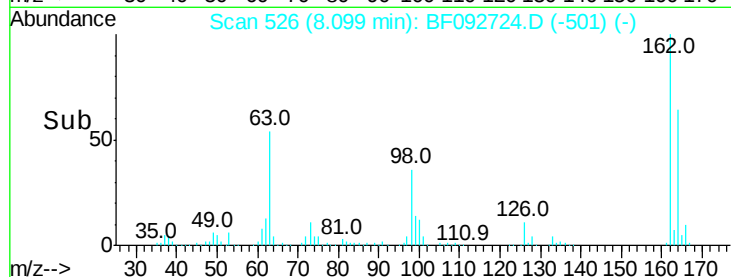
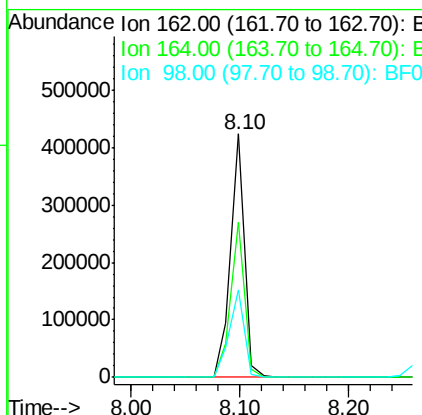
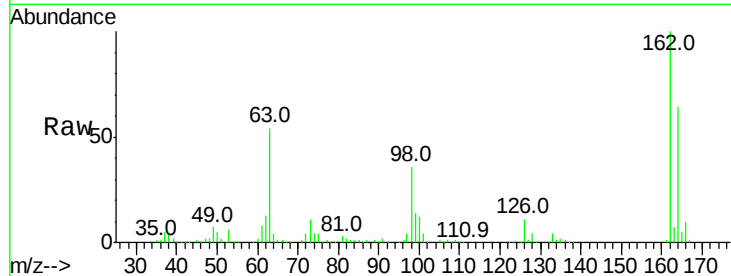




#29  
 2,4-Dichlorophenol  
 Concen: 41.12 ng  
 RT: 8.10 min Scan# 526  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

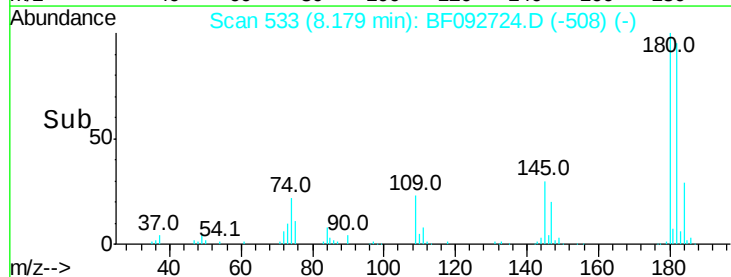
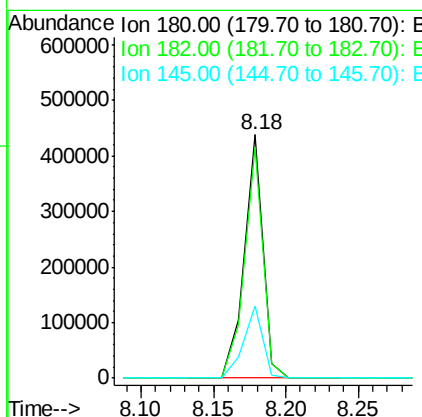
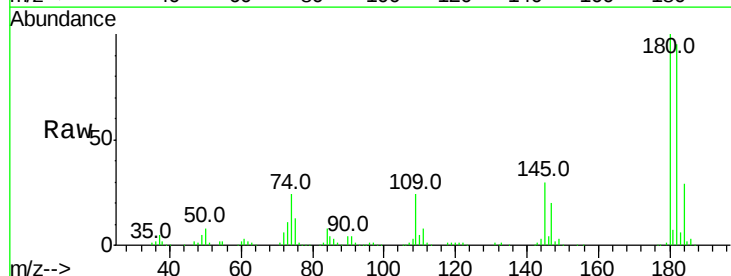
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

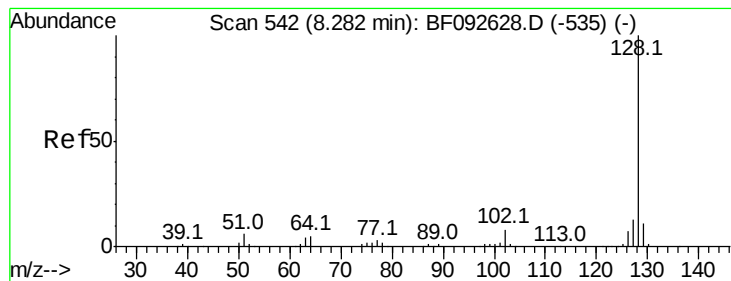
Tot Ion:162 Resp: 373451  
 Ion Ratio Lower Upper  
 162 100  
 164 63.9 46.8 86.8  
 98 35.8 9.1 49.1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.00 ng  
 RT: 8.18 min Scan# 533  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Tgt Ion:180 Resp: 391528  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 78.2 117.4  
 145 29.8 21.6 32.4





#31

Naphthalene

Concen: 37.83 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

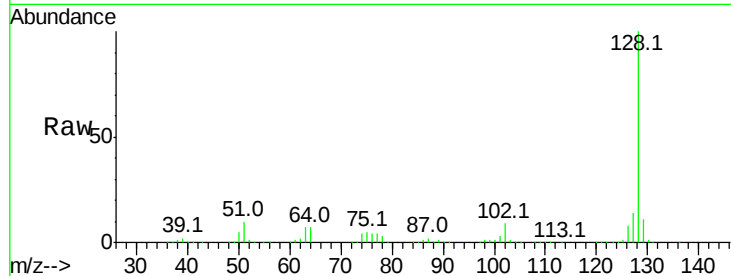
Tot Ion:128 Resp: 1213333

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

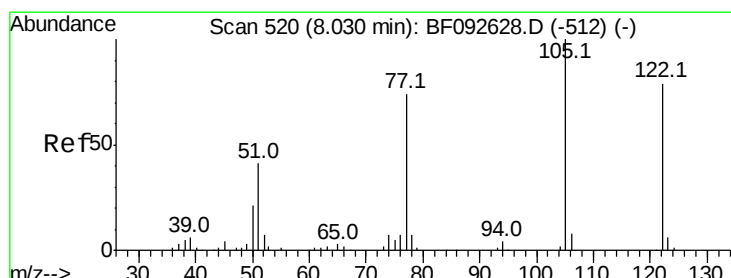
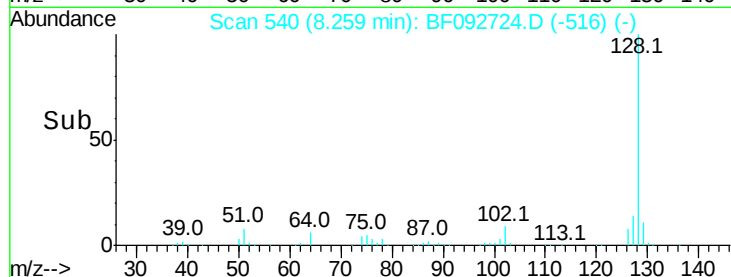
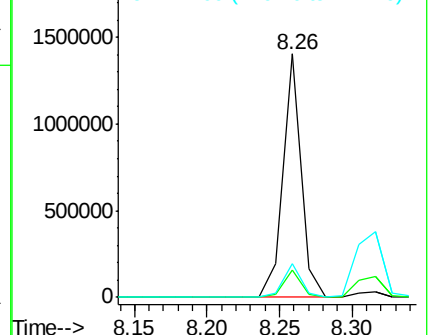
127 13.7 10.8 16.2



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: 39.18 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

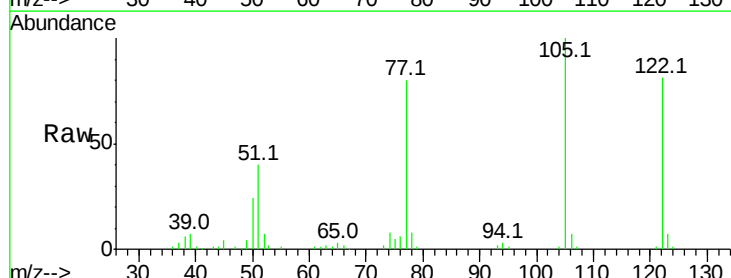
Tgt Ion:122 Resp: 207673

Ion Ratio Lower Upper

122 100

105 124.1 107.2 147.2

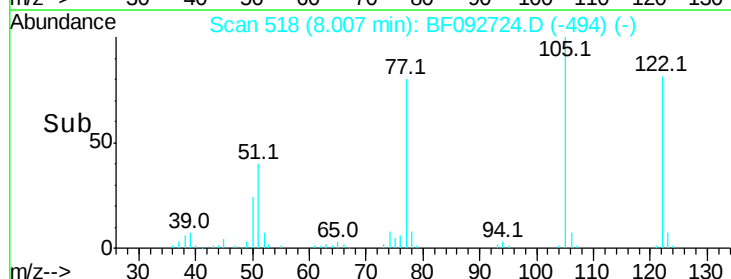
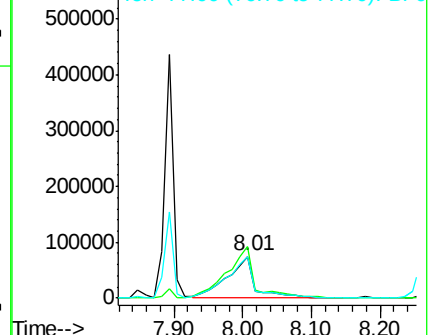
77 99.4 74.5 114.5



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

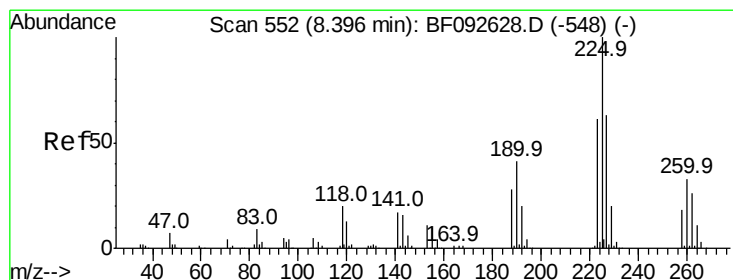
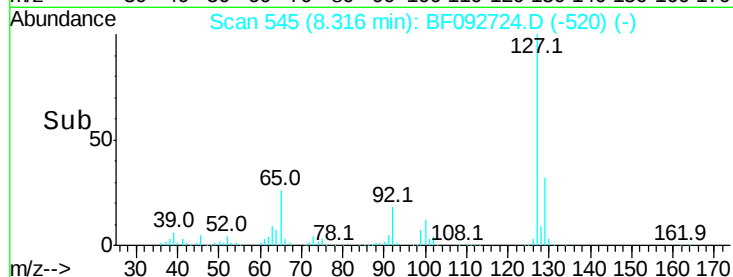
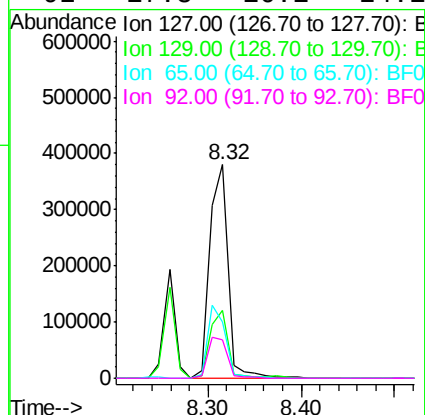
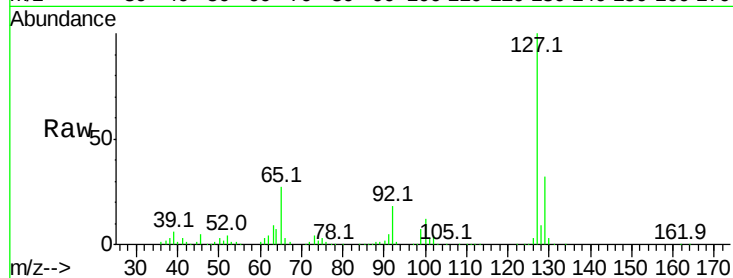




#33  
4-Chloroaniline  
Concen: 41.33 ng  
RT: 8.32 min Scan# 545  
Delta R.T. -0.01 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

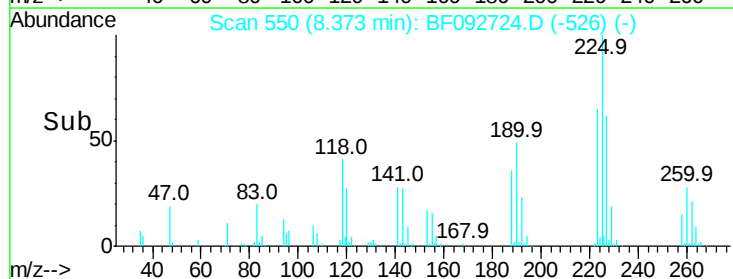
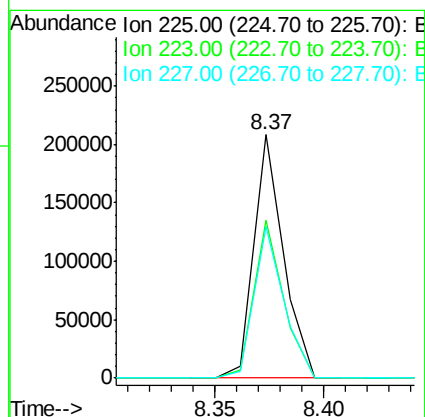
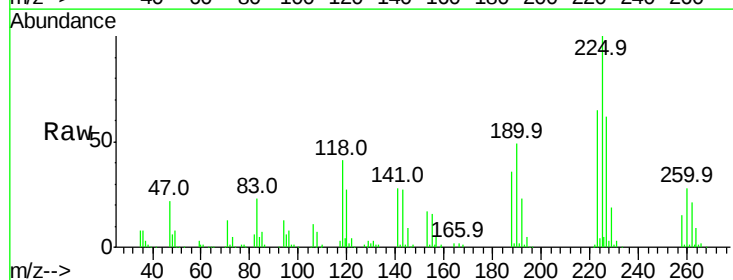
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

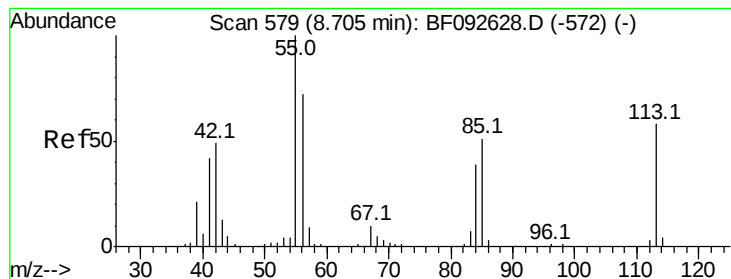
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 519828 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 26.3  | 39.5   |
| 65       | 26.5  | 25.8  | 38.8   |
| 92       | 17.8  | 16.1  | 24.1   |



#34  
Hexachlorobutadiene  
Concen: 36.31 ng  
RT: 8.37 min Scan# 550  
Delta R.T. -0.02 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 195540 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.6  | 51.0  | 76.6   |
| 227      | 62.2  | 50.6  | 76.0   |





#35

Caprolactam

Concen: 40.18 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

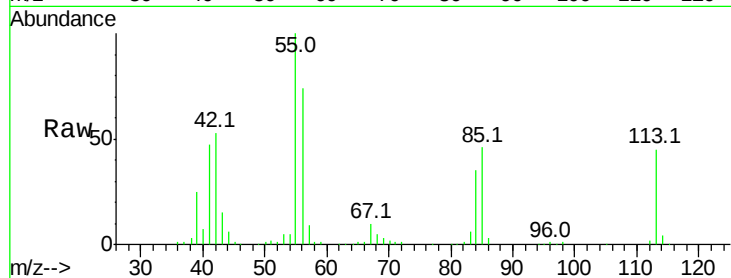
Tot Ion:113 Resp: 114793

Ion Ratio Lower Upper

113 100

55 222.5 119.2 159.2#

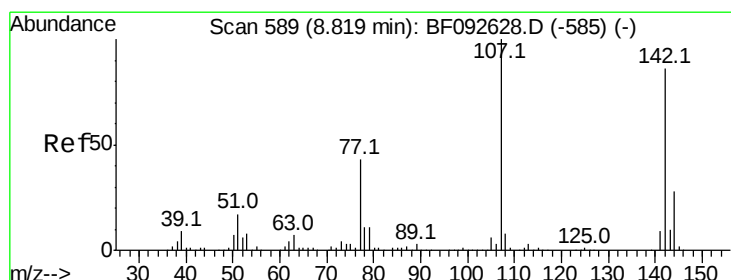
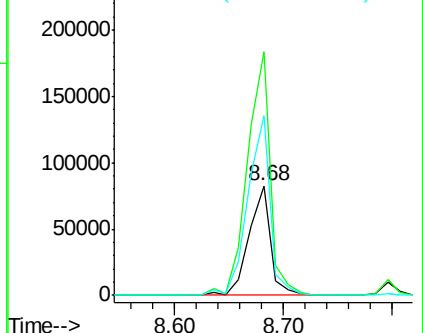
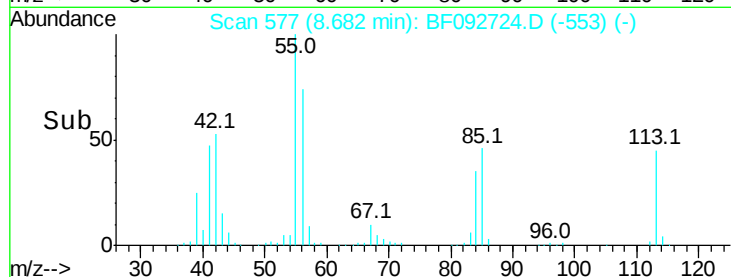
56 163.7 83.8 123.8#



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: 38.56 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

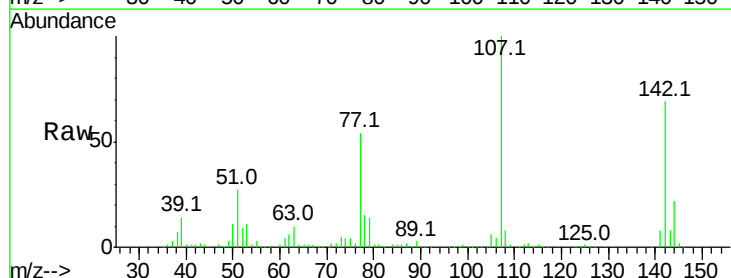
Tgt Ion:107 Resp: 365188

Ion Ratio Lower Upper

107 100

144 21.7 19.3 28.9

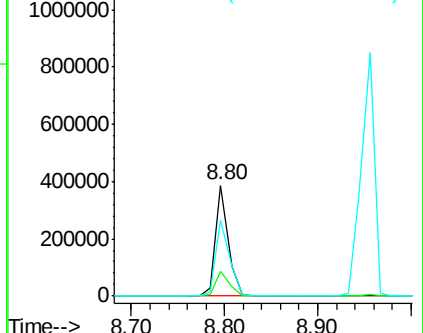
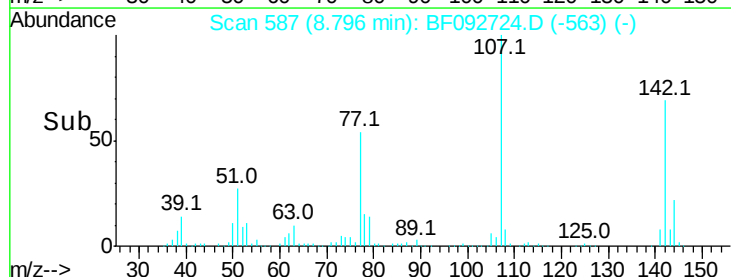
142 68.7 59.0 88.6

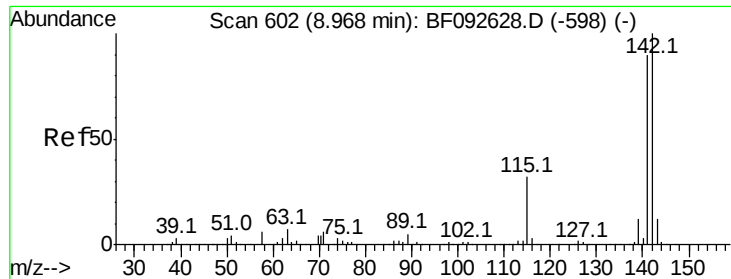


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

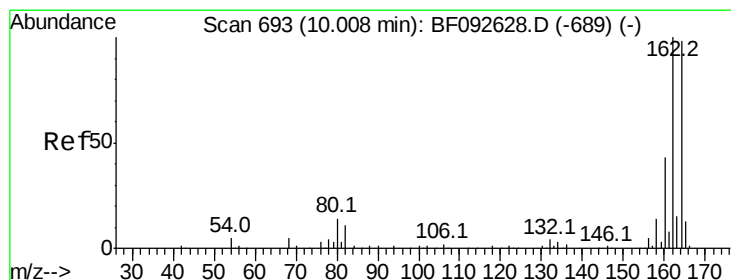
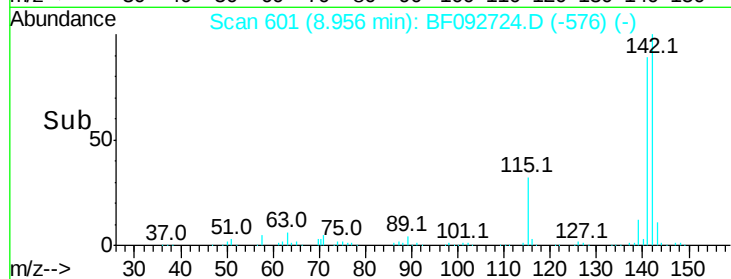
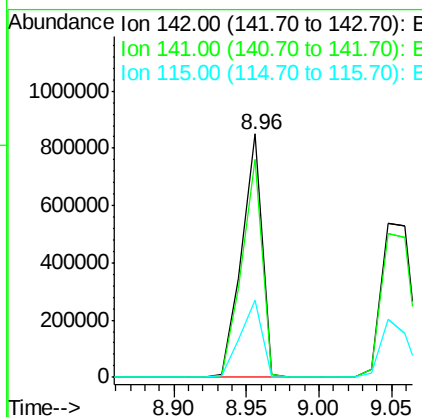
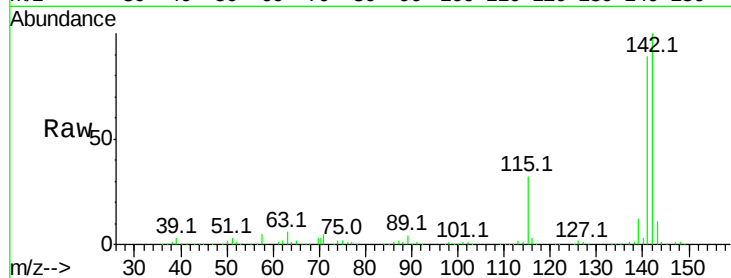




#37  
 2-Methylnaphthalene  
 Concen: 40.65 ng  
 RT: 8.96 min Scan# 601  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

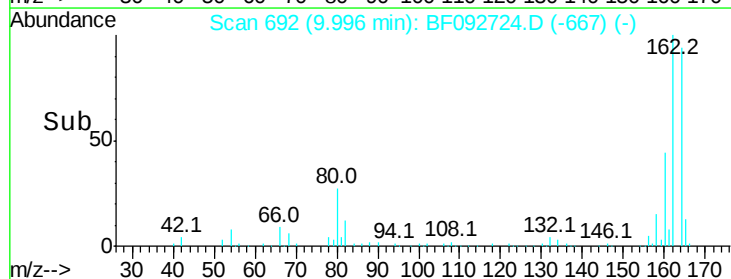
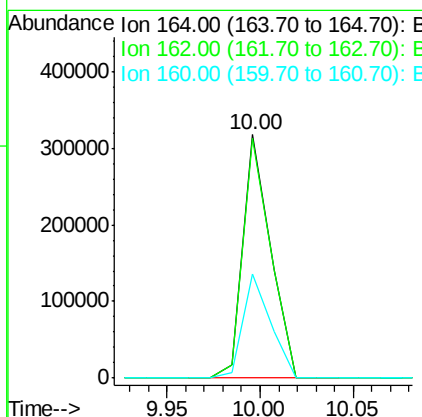
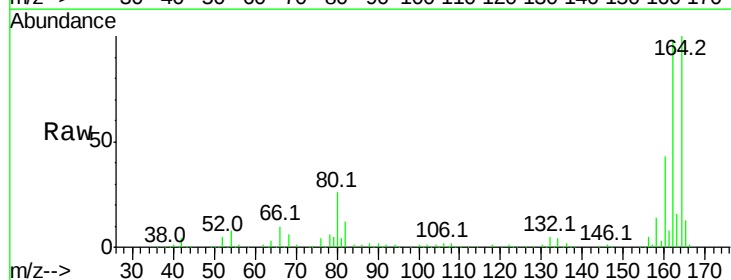
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

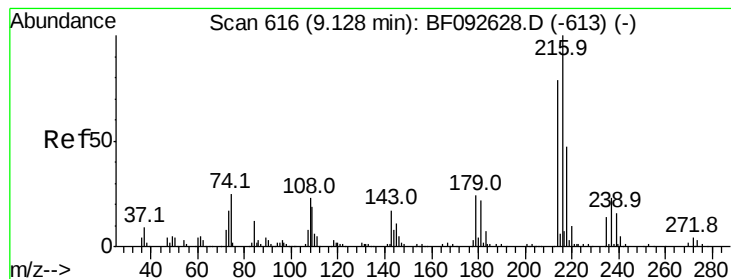
Tot Ion:142 Resp: 837020  
 Ion Ratio Lower Upper  
 142 100  
 141 89.3 71.0 106.6  
 115 31.8 28.3 42.5



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.00 min Scan# 692  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Tgt Ion:164 Resp: 326131  
 Ion Ratio Lower Upper  
 164 100  
 162 98.3 80.2 120.2  
 160 42.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.56 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 343827

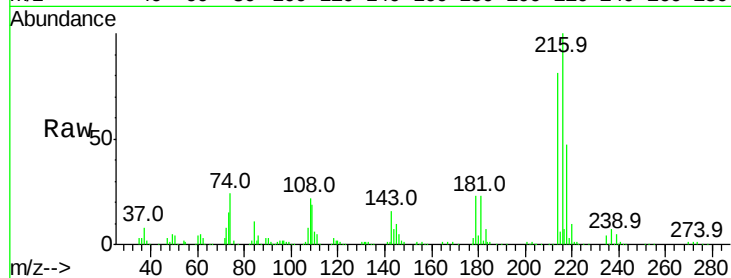
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 21.4 17.4 26.2

108 20.6 15.6 23.4

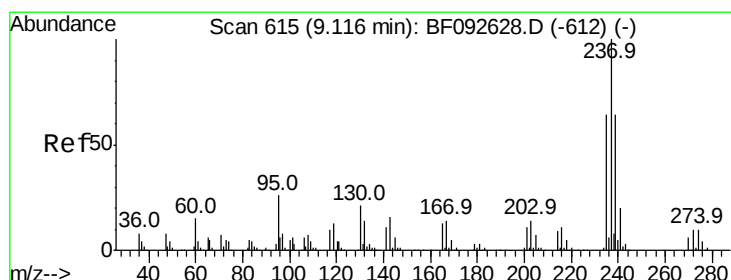
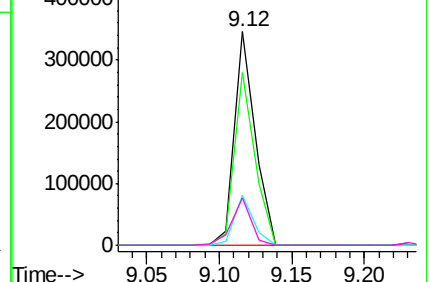
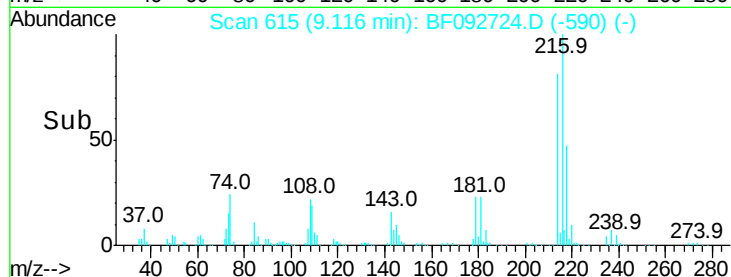


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.07 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

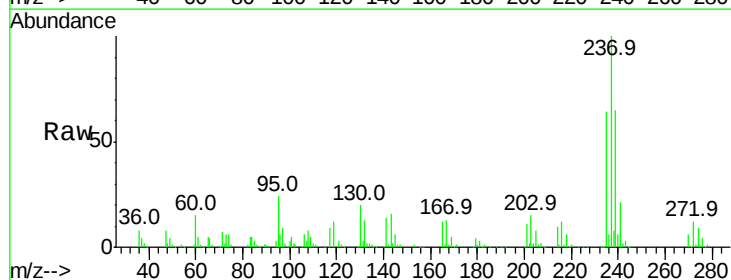
Tgt Ion:237 Resp: 153105

Ion Ratio Lower Upper

237 100

235 64.0 41.2 81.2

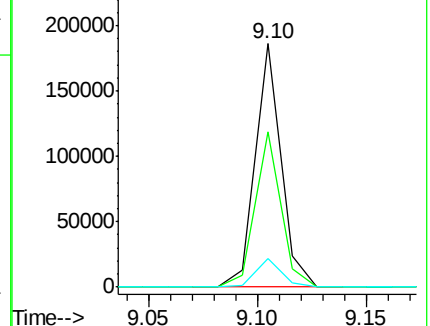
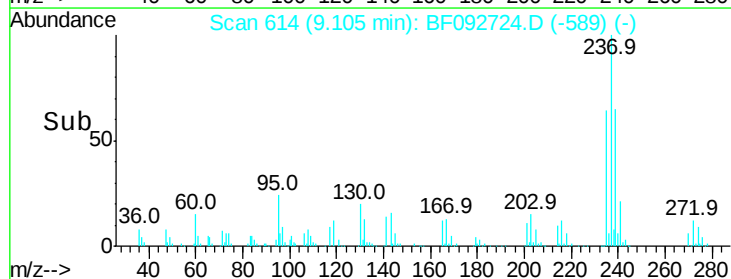
272 11.5 0.0 35.4

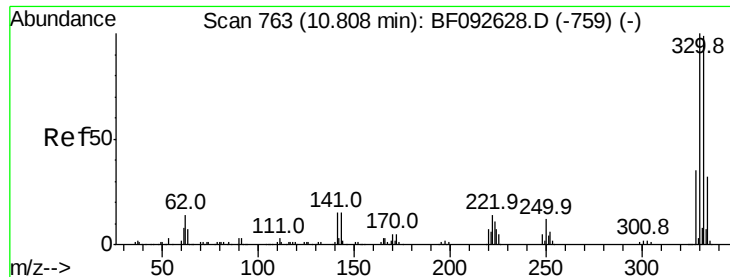


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

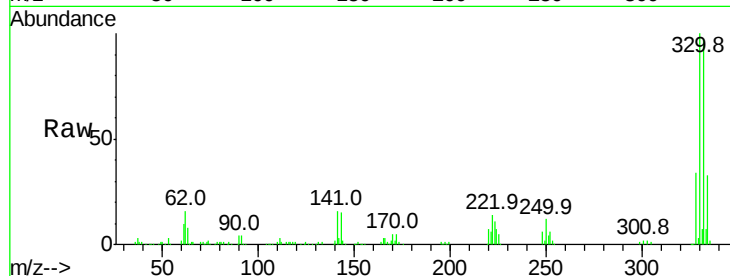




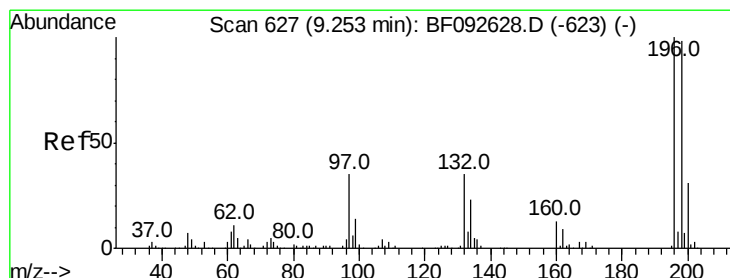
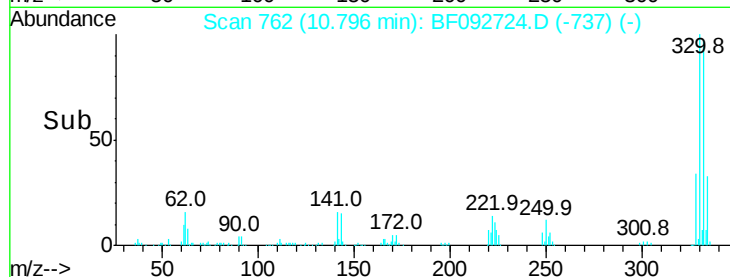
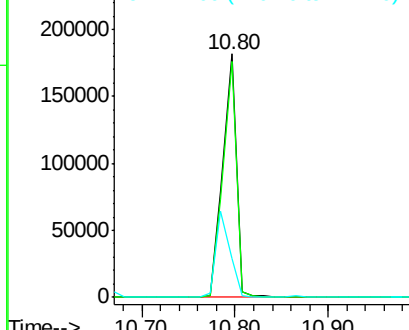
#41  
 2,4,6-Tribromophenol  
 Concen: 78.47 ng  
 RT: 10.80 min Scan# 762  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.5  | 77.4  | 116.2 |
| 141     | 36.5  | 34.1  | 51.1  |

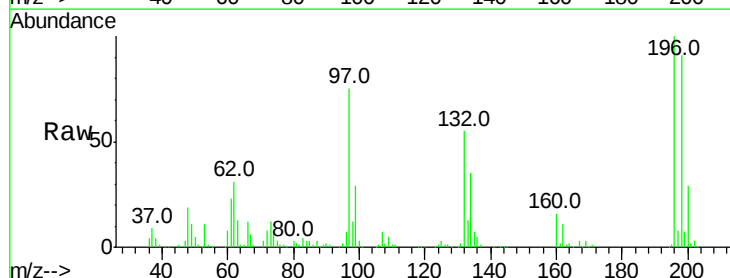


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

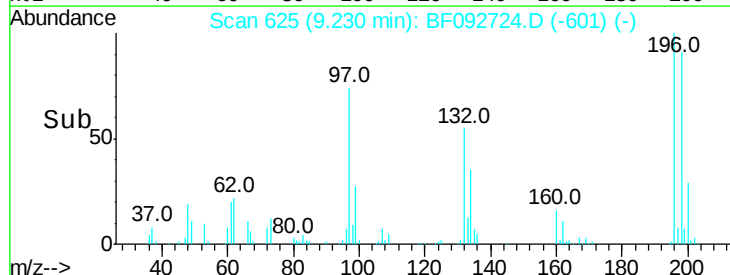
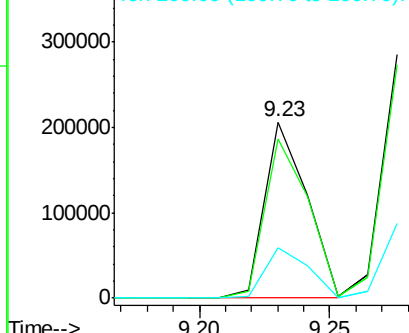


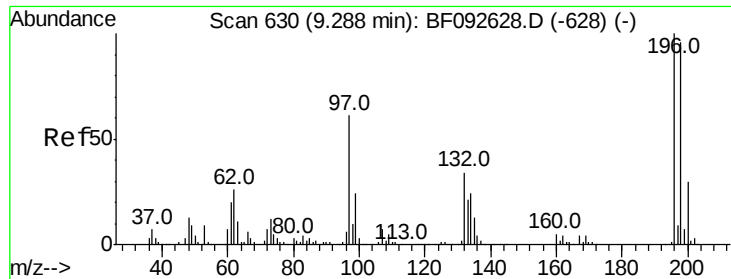
#42  
 2,4,6-Trichlorophenol  
 Concen: 38.65 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. -0.02 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 90.7  | 82.1  | 123.1 |
| 200     | 28.5  | 27.0  | 40.4  |



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

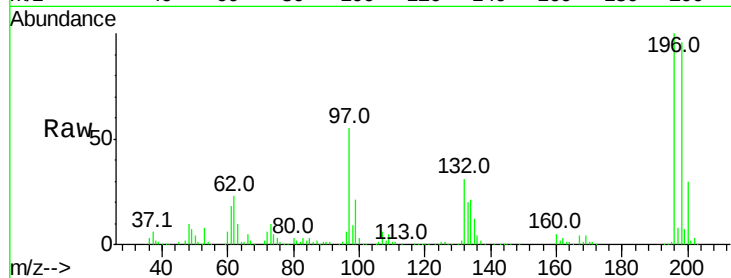




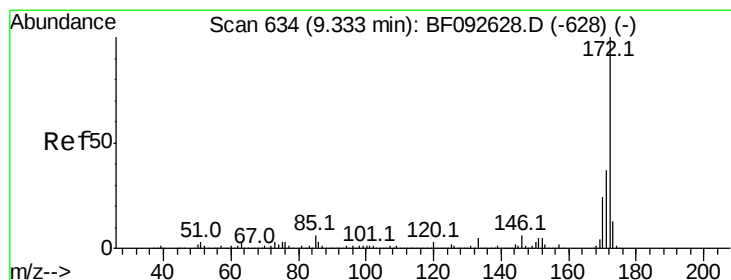
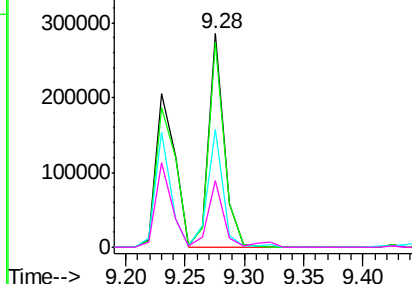
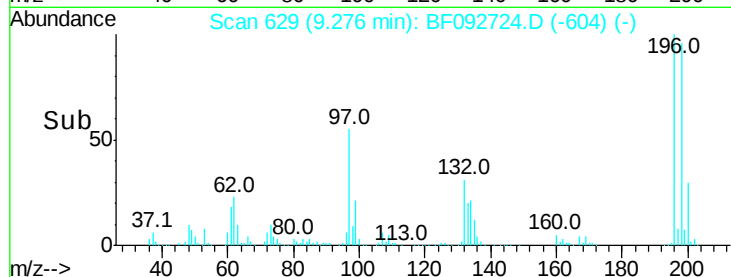
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.61 ng  
 RT: 9.28 min Scan# 629  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:196 Resp: 261055  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 79.4 119.2  
 97 55.2 51.5 77.3  
 132 31.3 27.4 41.2

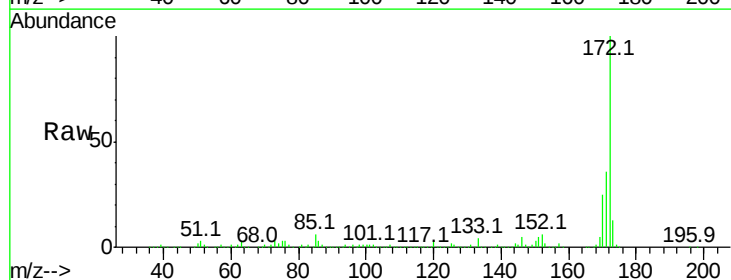


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

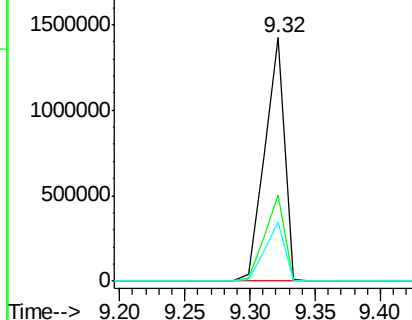
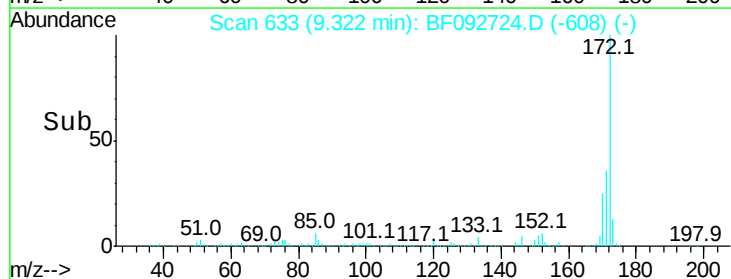


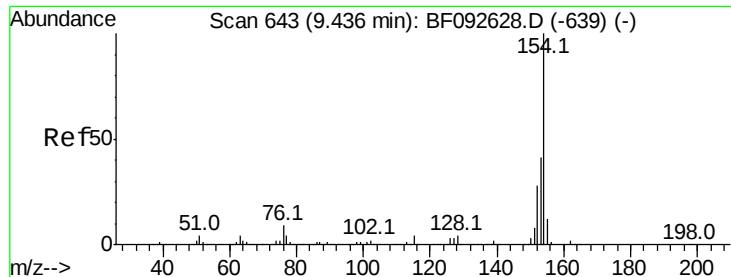
#44  
 2-Fluorobiphenyl  
 Concen: 84.14 ng  
 RT: 9.32 min Scan# 633  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Tgt Ion:172 Resp: 1514673  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 29.4 44.0  
 170 24.5 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.19 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

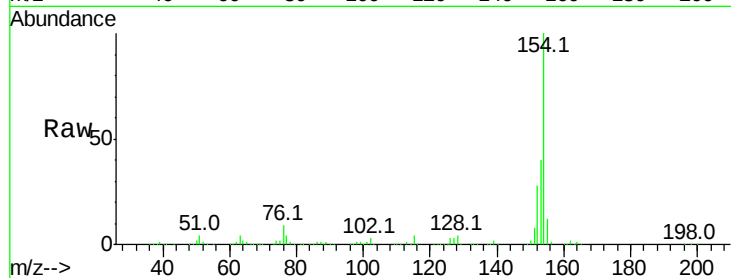
Tot Ion:154 Resp: 949000

Ion Ratio Lower Upper

154 100

153 40.1 20.9 60.9

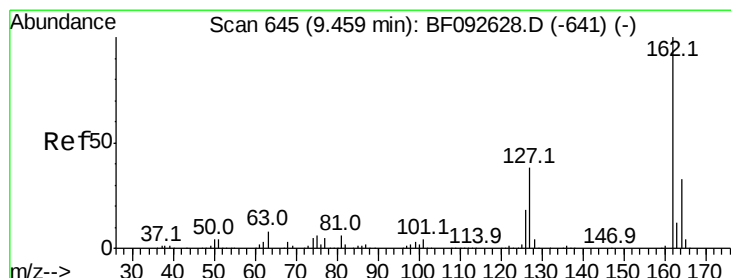
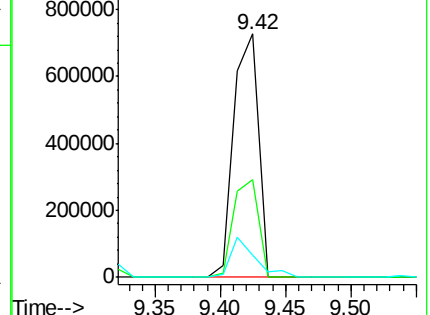
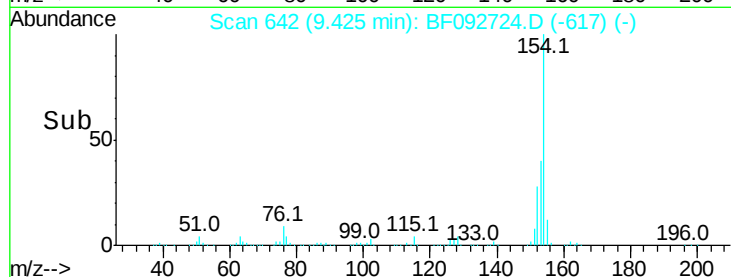
76 9.1 0.0 30.5



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: 42.93 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

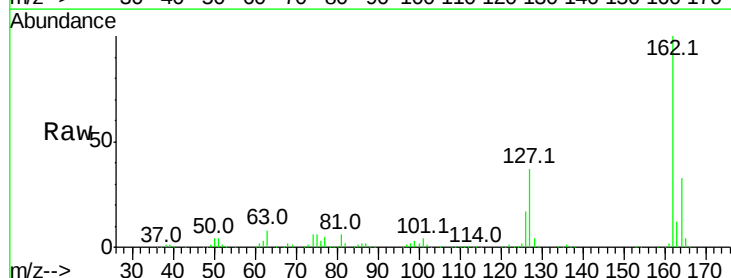
Tgt Ion:162 Resp: 793034

Ion Ratio Lower Upper

162 100

127 37.3 30.7 46.1

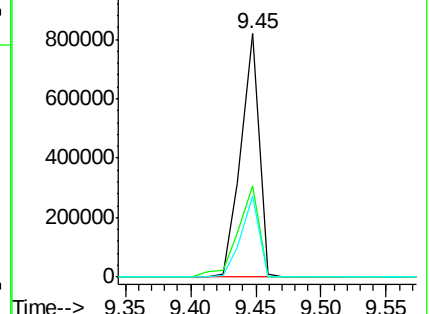
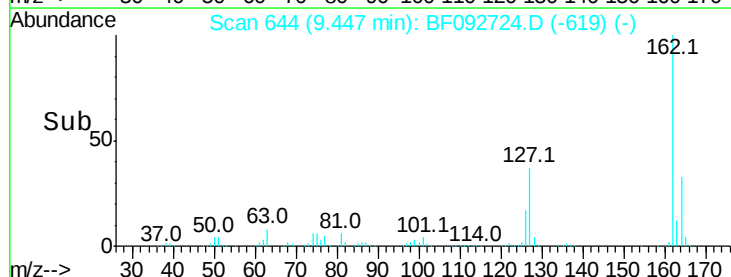
164 33.2 27.6 41.4



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

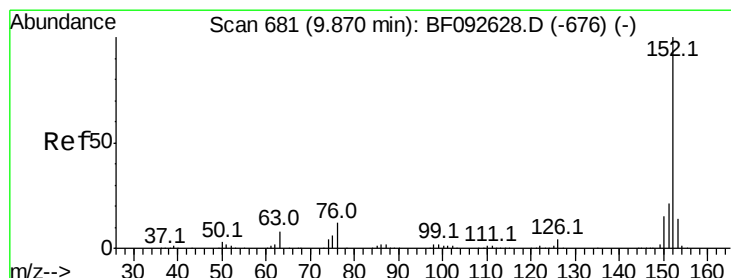
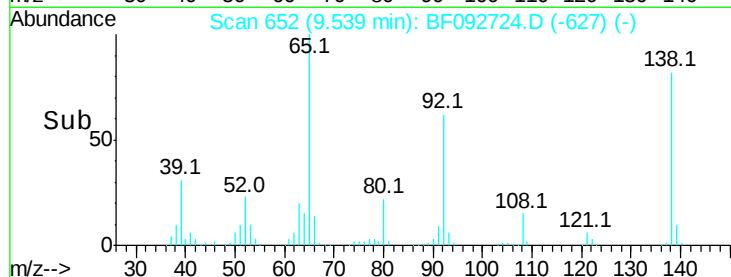
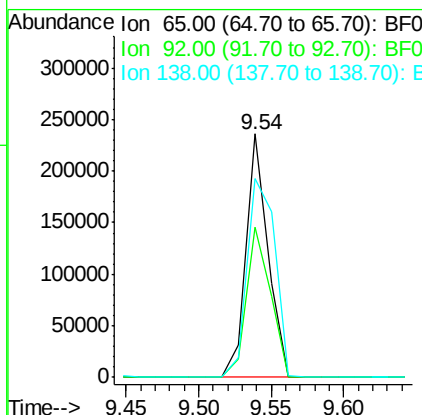
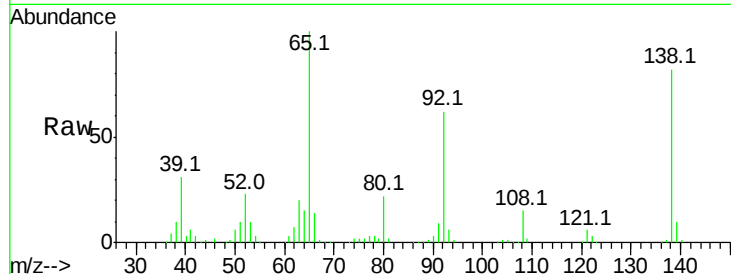




#47  
 2-Nitroaniline  
 Concen: 39.87 ng  
 RT: 9.54 min Scan# 652  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

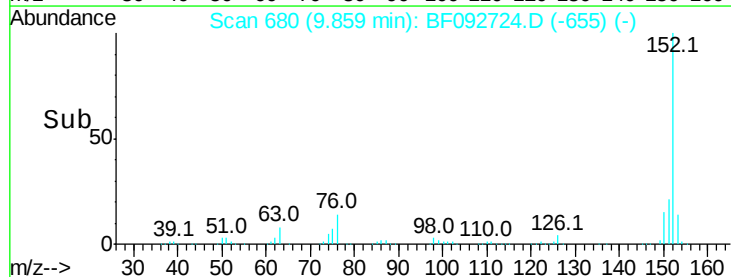
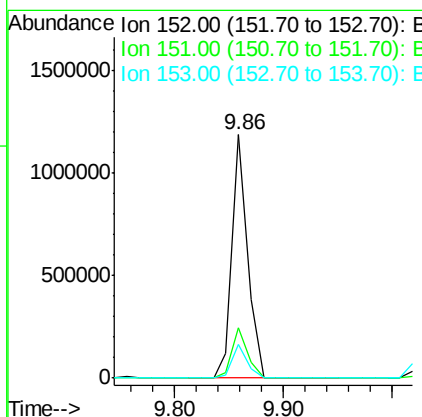
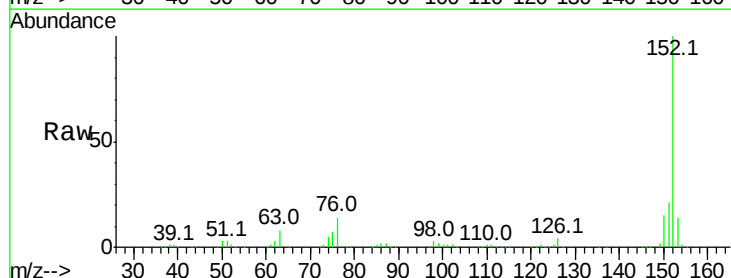
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

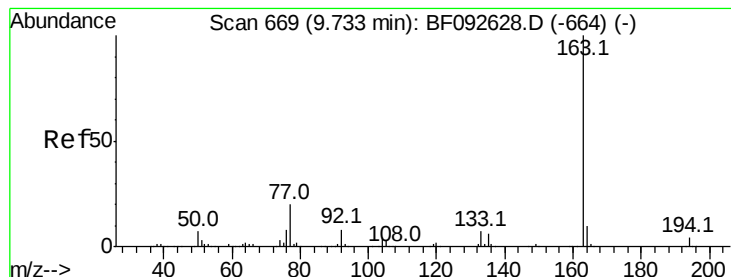
Tot Ion: 65 Resp: 247656  
 Ion Ratio Lower Upper  
 65 100  
 92 61.8 53.9 80.9  
 138 81.5 76.8 115.2



#48  
 Acenaphthylene  
 Concen: 36.54 ng  
 RT: 9.86 min Scan# 680  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Tgt Ion: 152 Resp: 1166217  
 Ion Ratio Lower Upper  
 152 100  
 151 20.7 16.9 25.3  
 153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 40.01 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

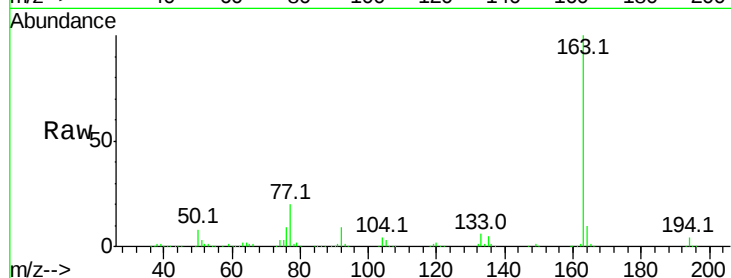
Tot Ion:163 Resp: 878922

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

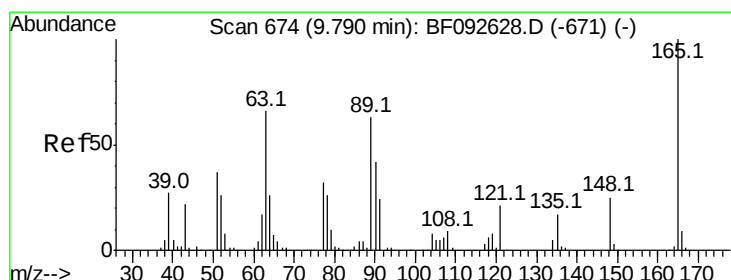
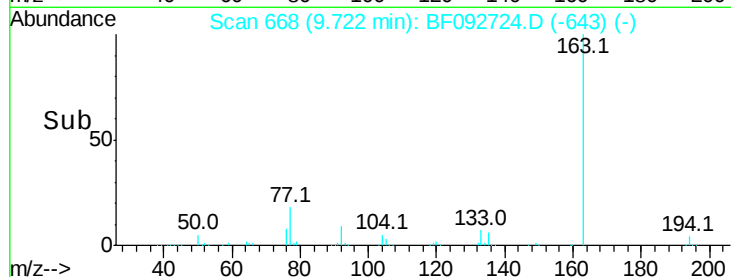
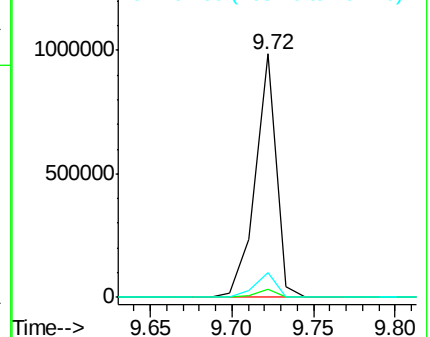
164 10.2 8.0 12.0



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: 41.73 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

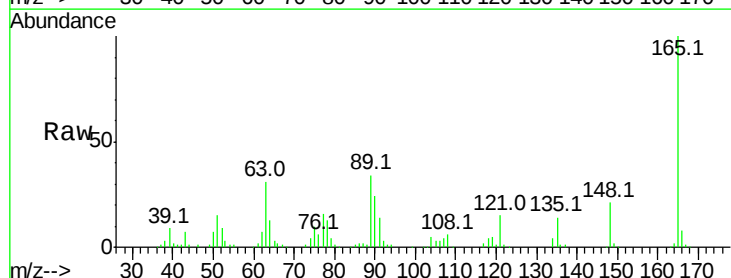
Tgt Ion:165 Resp: 197968

Ion Ratio Lower Upper

165 100

63 30.9 36.2 54.4#

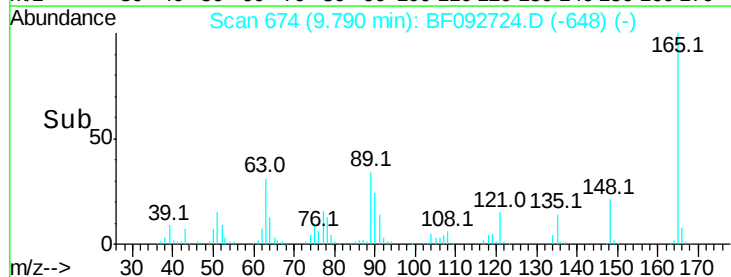
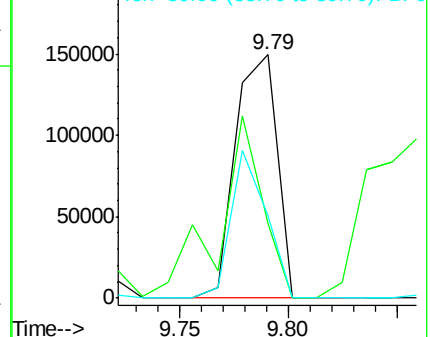
89 33.7 40.2 60.4#

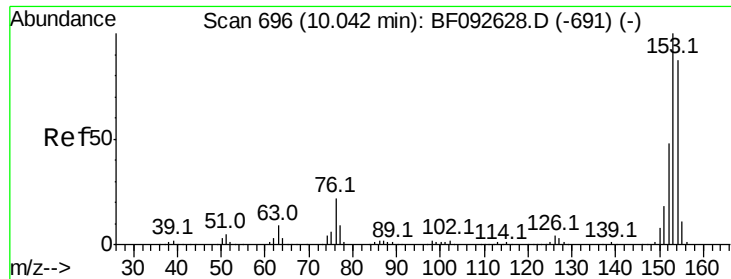


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.08 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

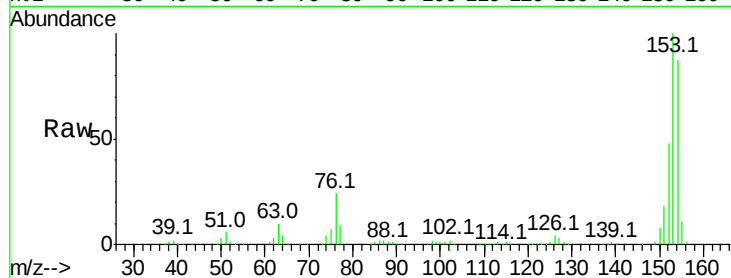
Tot Ion:154 Resp: 707538

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

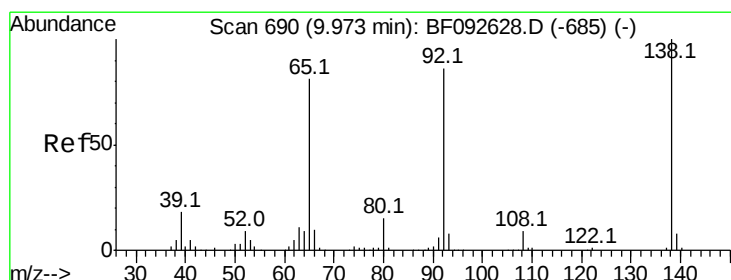
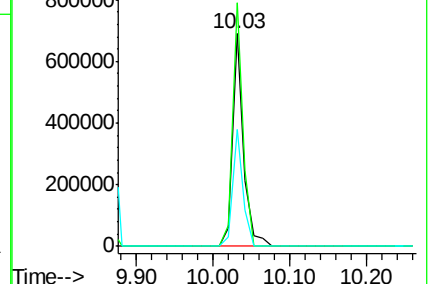
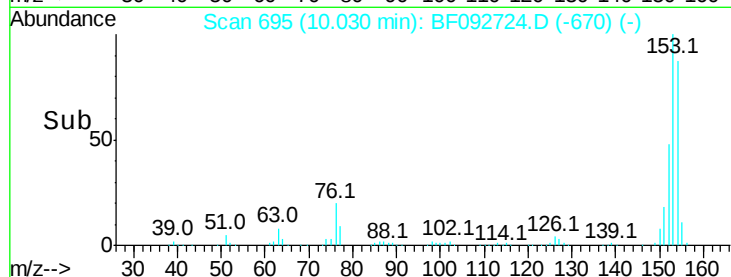
152 55.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.29 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

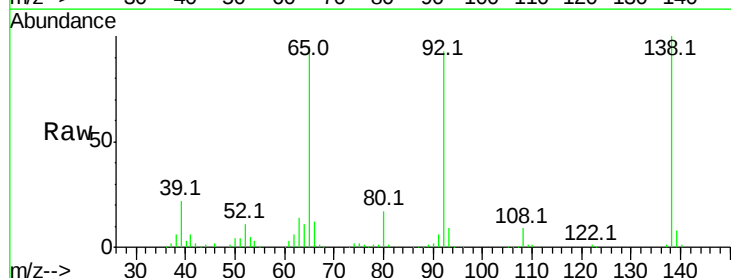
Tgt Ion:138 Resp: 229588

Ion Ratio Lower Upper

138 100

108 8.9 8.5 12.7

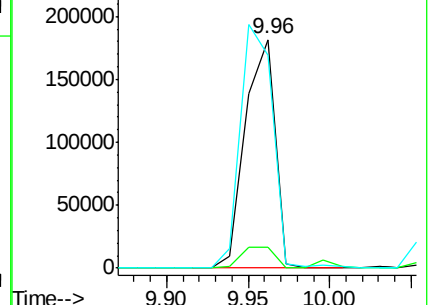
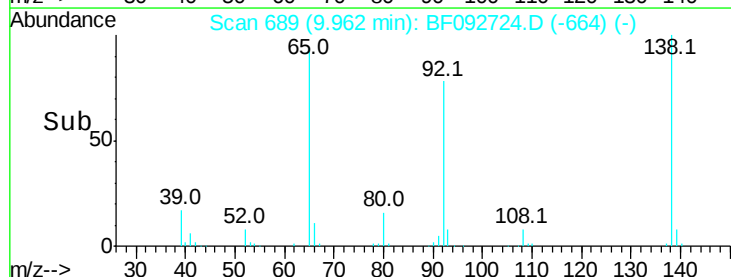
92 93.4 97.8 146.8#

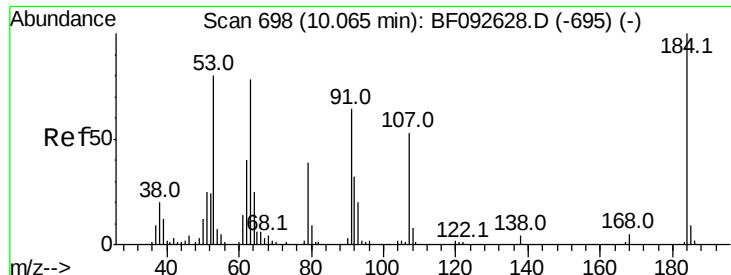


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

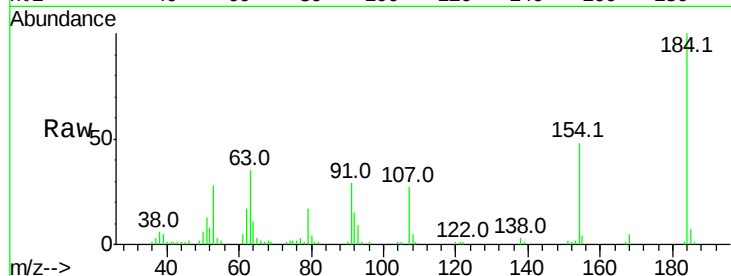




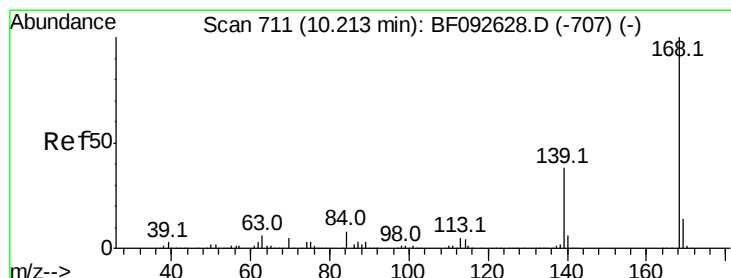
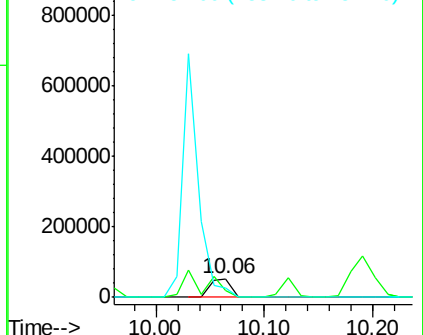
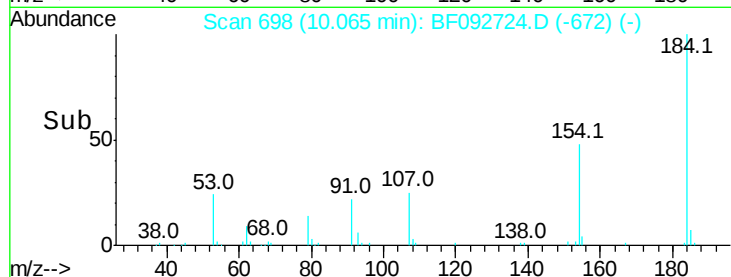
#53  
2,4-Dinitrophenol  
Concen: 33.52 ng  
RT: 10.06 min Scan# 698  
Delta R.T. 0.00 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:184 Resp: 73834  
Ion Ratio Lower Upper  
184 100  
63 34.8 28.4 42.6  
154 48.3 44.3 66.5

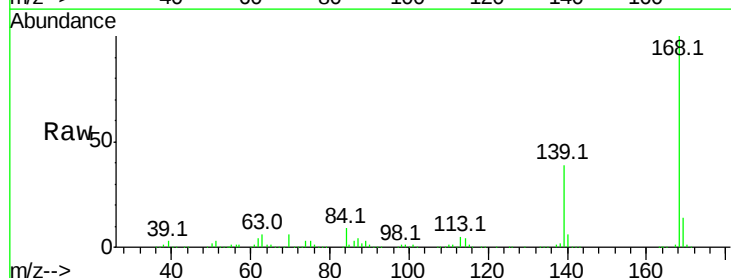


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

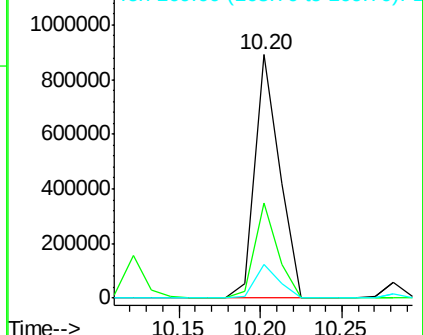
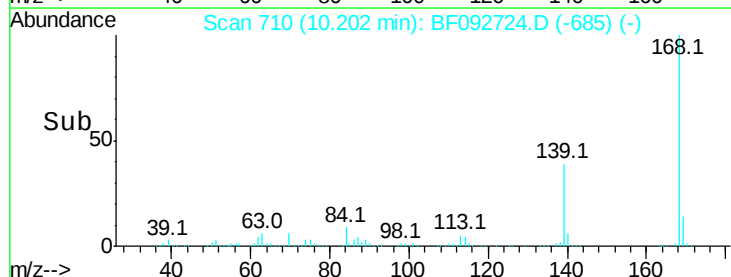


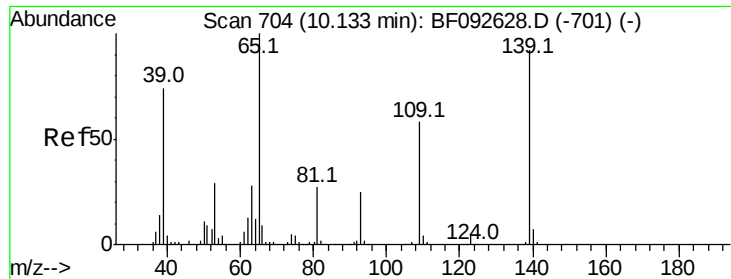
#54  
Dibenzofuran  
Concen: 36.80 ng  
RT: 10.20 min Scan# 710  
Delta R.T. -0.01 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

Tgt Ion:168 Resp: 939134  
Ion Ratio Lower Upper  
168 100  
139 39.2 32.6 49.0  
169 14.1 11.3 16.9



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





#55

4-Nitrophenol

Concen: 35.91 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

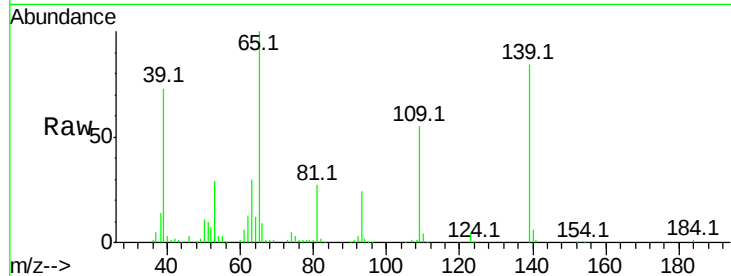
Tot Ion:139 Resp: 140398

Ion Ratio Lower Upper

139 100

109 65.4 52.2 92.2

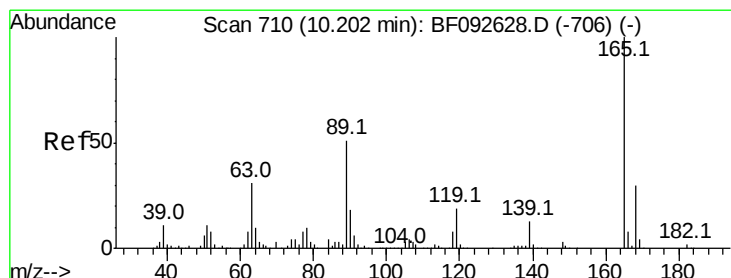
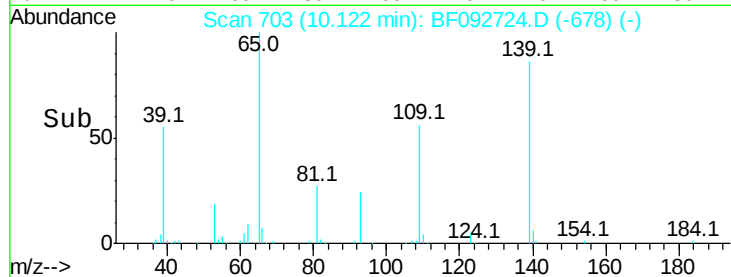
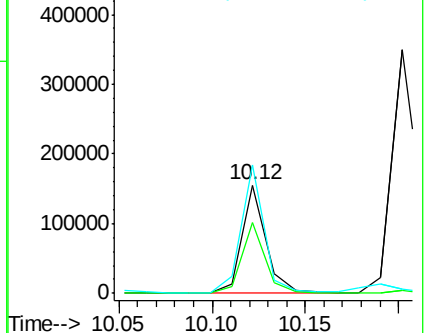
65 118.6 85.8 125.8



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: 44.13 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Tgt Ion:165 Resp: 278694

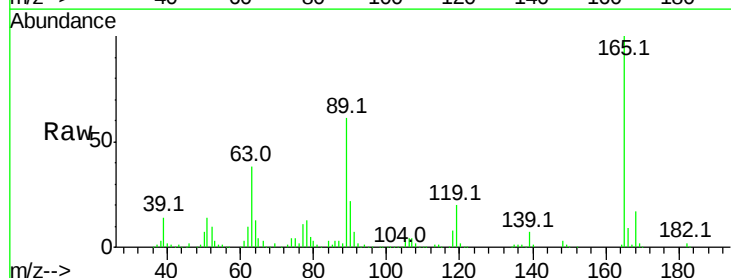
Ion Ratio Lower Upper

165 100

63 38.3 40.2 60.4#

89 61.4 62.5 93.7#

182 2.2 1.8 2.8

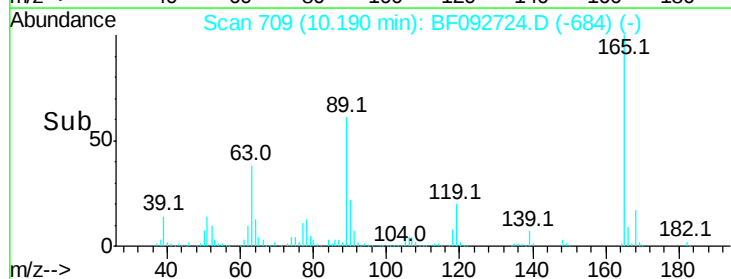
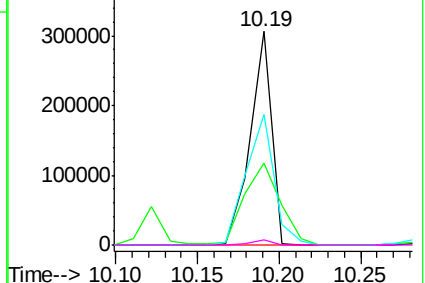


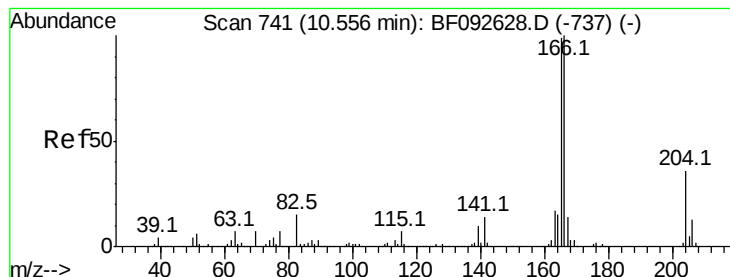
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.16 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

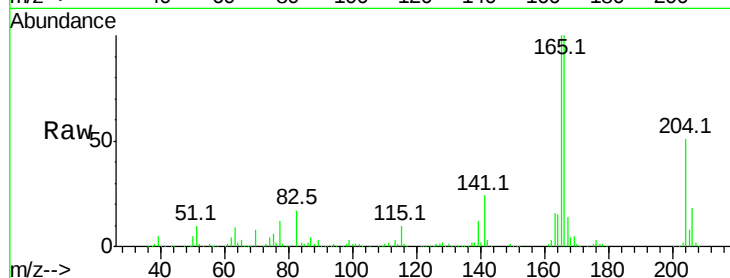
Tot Ion:166 Resp: 749301

Ion Ratio Lower Upper

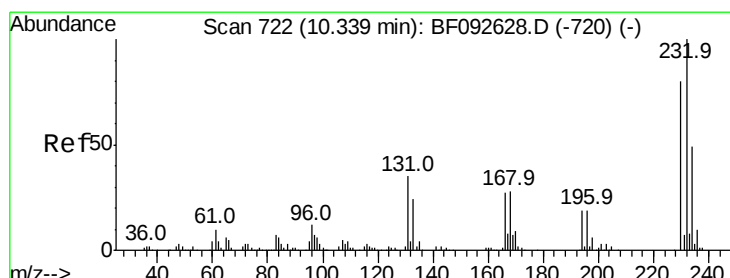
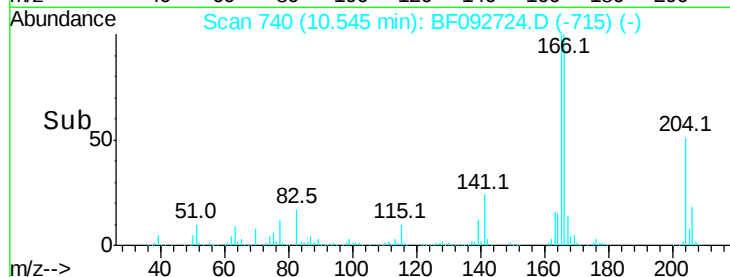
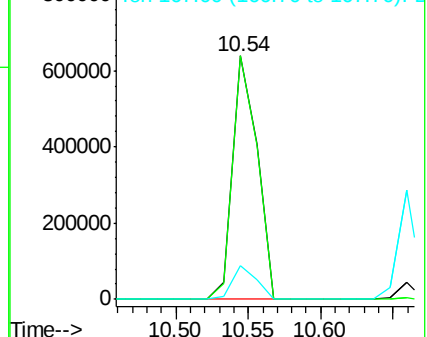
166 100

165 100.0 77.8 116.8

167 13.7 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: 41.86 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Tgt Ion:232 Resp: 184048

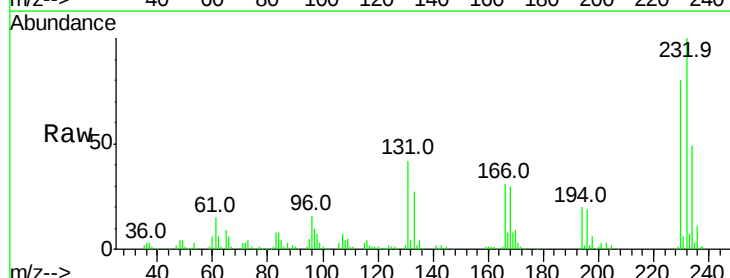
Ion Ratio Lower Upper

232 100

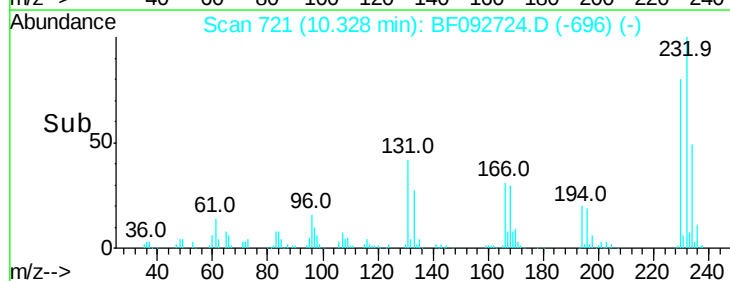
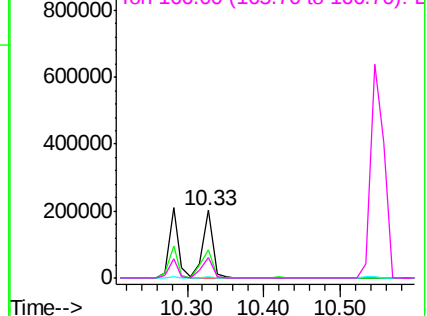
131 48.4 40.1 60.1

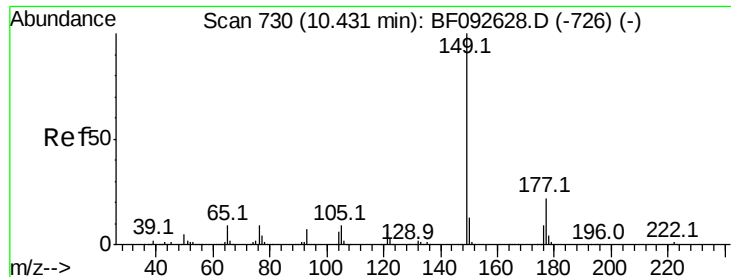
130 2.2 1.8 2.8

166 33.1 26.6 39.8



Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

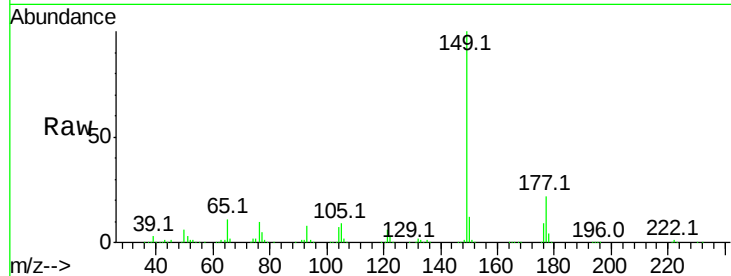




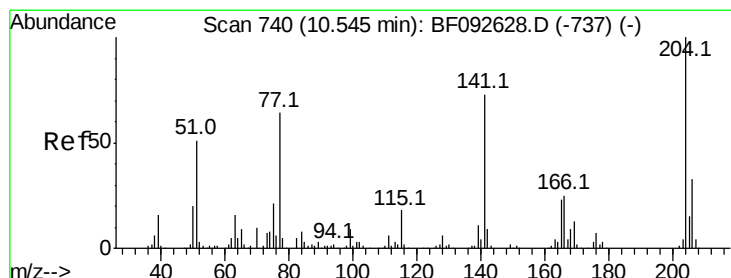
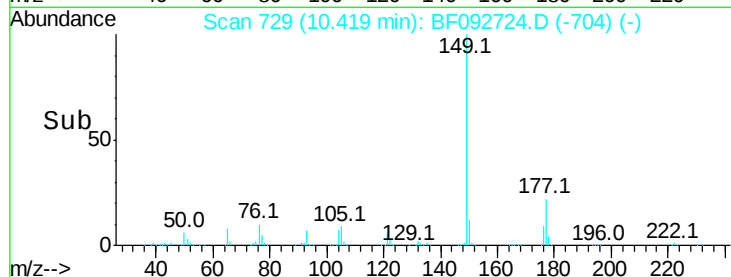
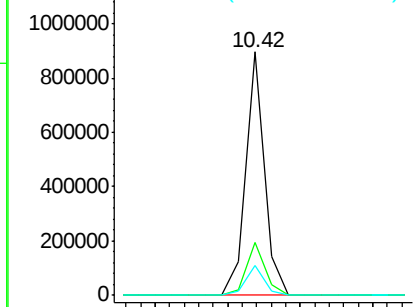
#59  
Diethylphthalate  
Concen: 38.60 ng  
RT: 10.42 min Scan# 729  
Delta R.T. -0.01 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.7  | 16.6  | 25.0  |
| 150     | 12.4  | 10.4  | 15.6  |

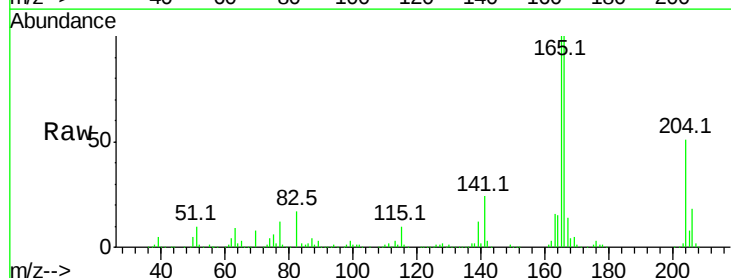


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

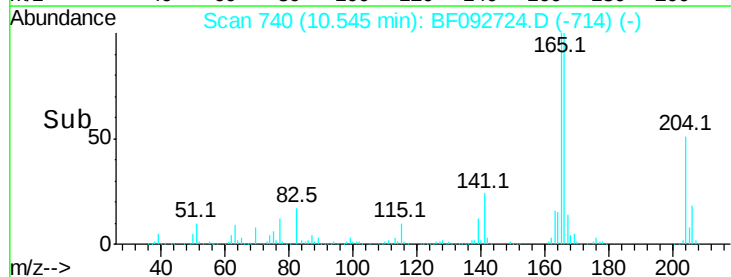
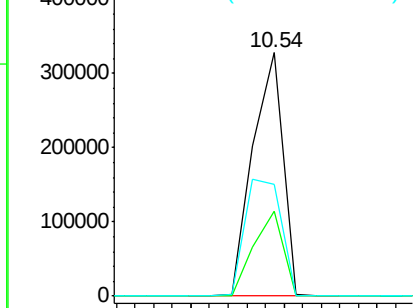


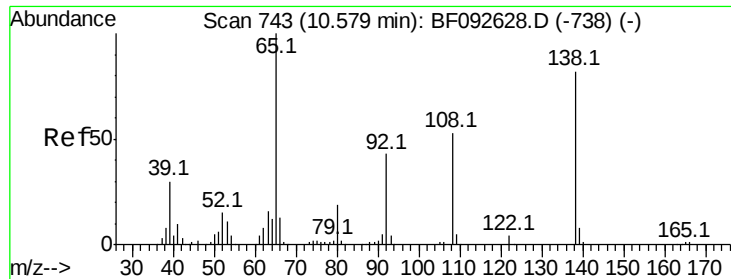
#60  
4-Chlorophenyl-phenylether  
Concen: 38.82 ng  
RT: 10.54 min Scan# 740  
Delta R.T. -0.00 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.0  | 25.8  | 38.6  |
| 141     | 45.9  | 59.4  | 89.0# |



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

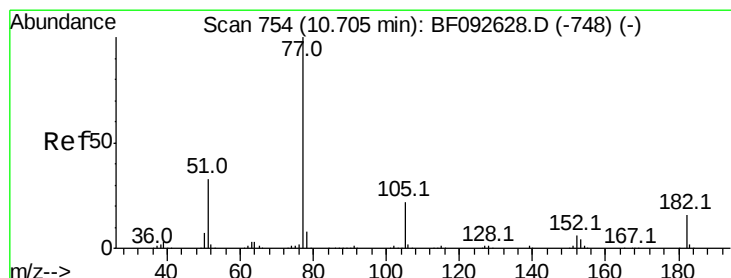
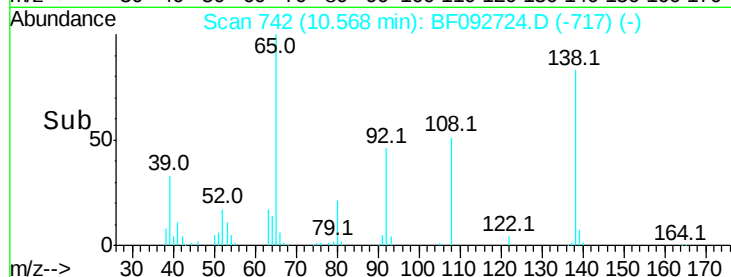
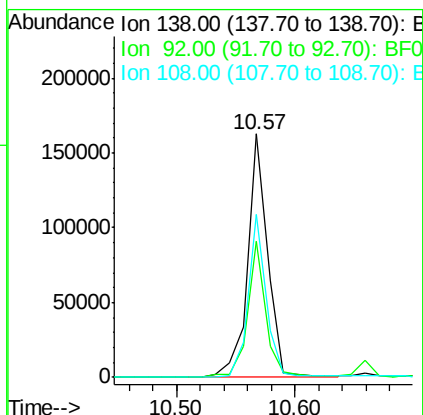
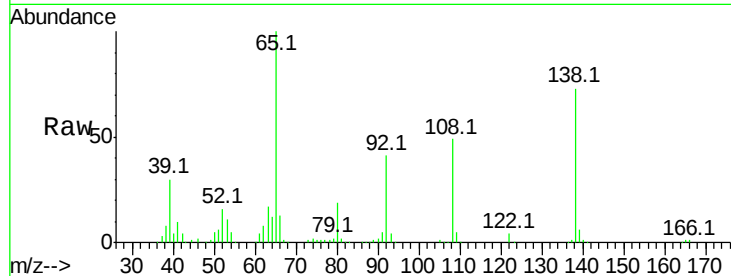




#61  
4-Nitroaniline  
Concen: 34.58 ng  
RT: 10.57 min Scan# 742  
Delta R.T. -0.01 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

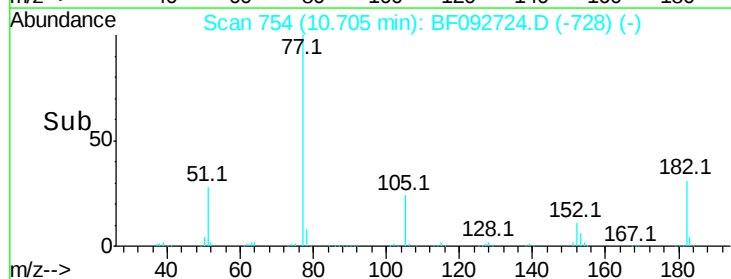
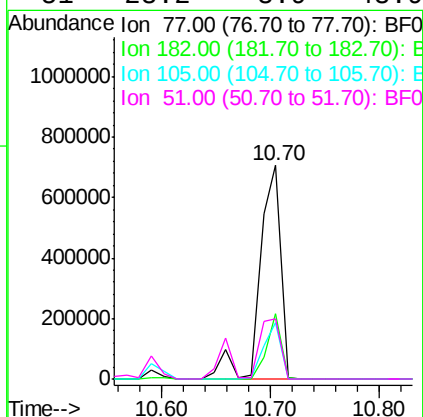
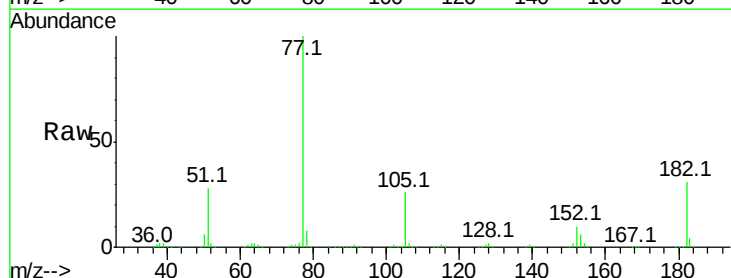
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

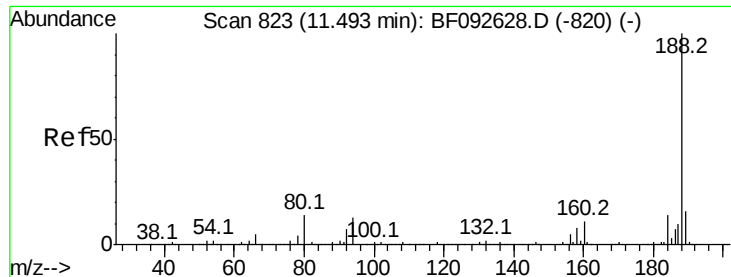
Tot Ion:138 Resp: 192265  
Ion Ratio Lower Upper  
138 100  
92 55.8 31.7 71.7  
108 66.9 52.6 92.6



#62  
Azobenzene  
Concen: 44.70 ng  
RT: 10.70 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

Tgt Ion: 77 Resp: 956018  
Ion Ratio Lower Upper  
77 100  
182 30.6 0.0 39.3  
105 26.1 2.3 42.3  
51 28.2 8.9 48.9

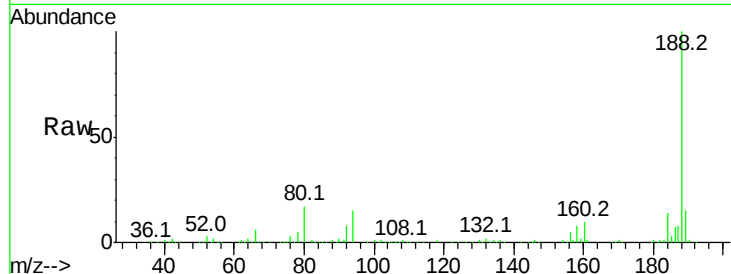




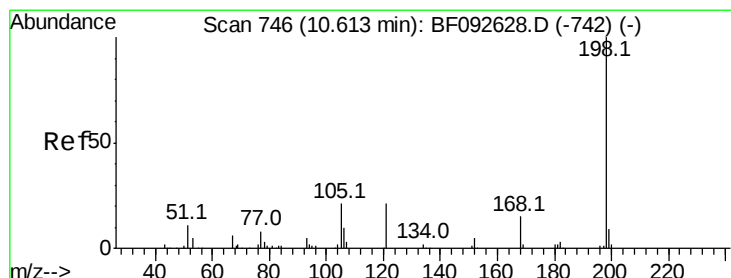
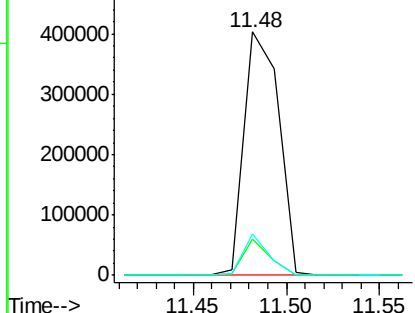
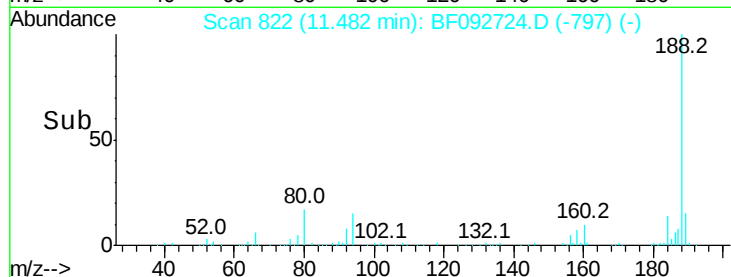
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.48 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:188 Resp: 522474  
 Ion Ratio Lower Upper  
 188 100  
 94 15.0 10.0 15.0#  
 80 16.7 11.2 16.8

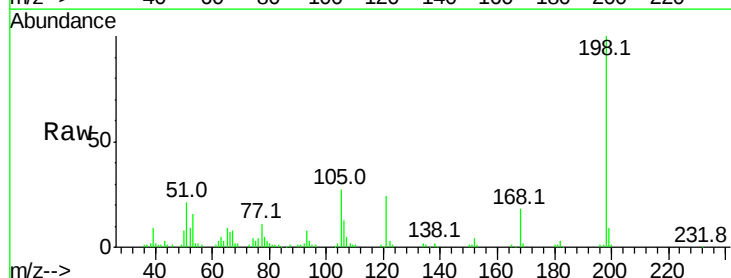


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

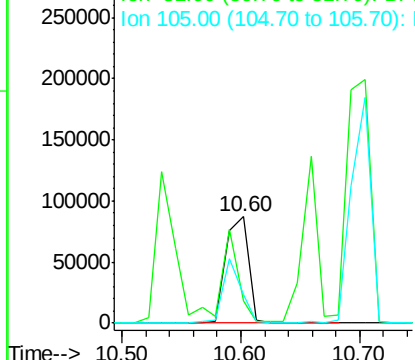
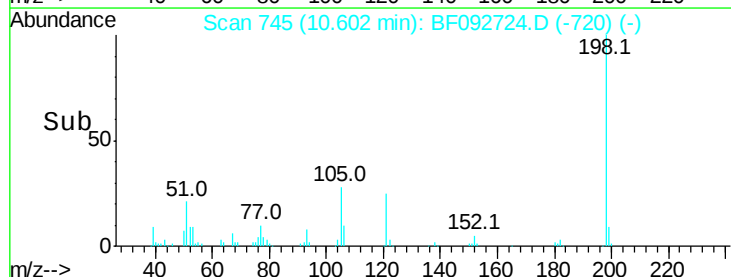


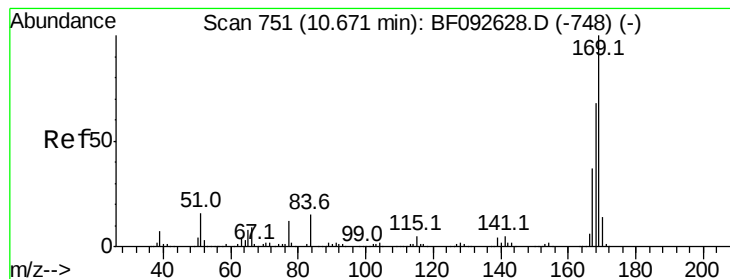
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 36.98 ng  
 RT: 10.60 min Scan# 745  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Tgt Ion:198 Resp: 115536  
 Ion Ratio Lower Upper  
 198 100  
 51 20.6 6.7 46.7  
 105 27.0 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF0  
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.19 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

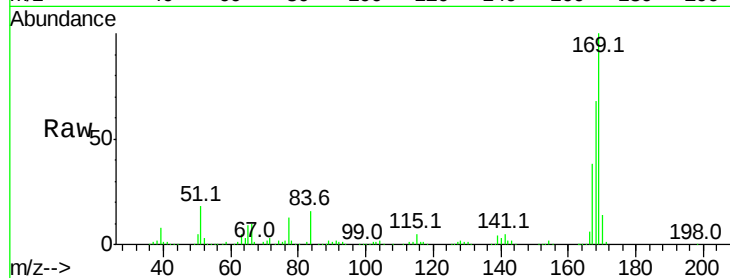
Tot Ion:169 Resp: 654103

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

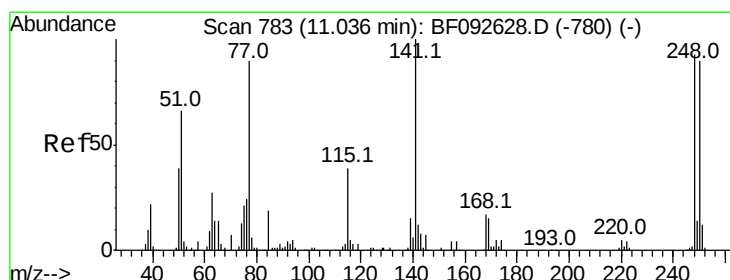
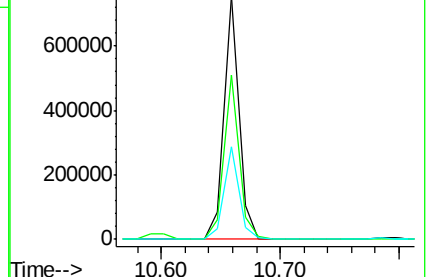
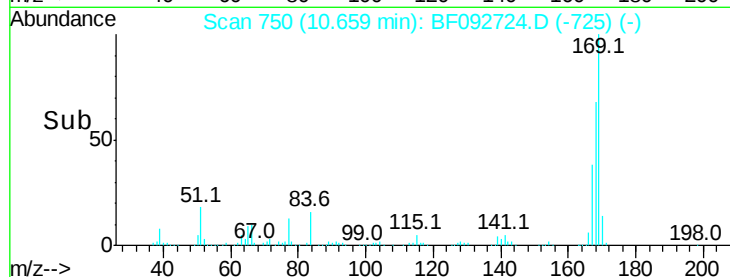
167 38.1 30.2 45.4



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: 40.77 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

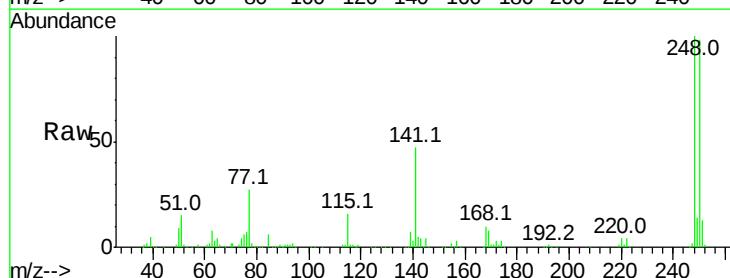
Tgt Ion:248 Resp: 222541

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

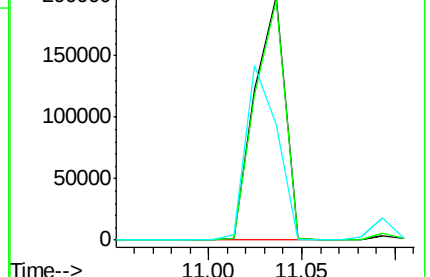
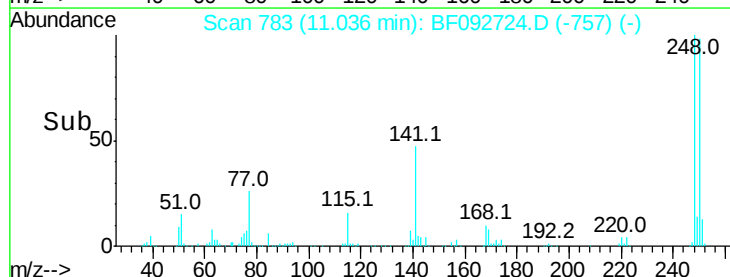
141 47.4 68.2 102.4#

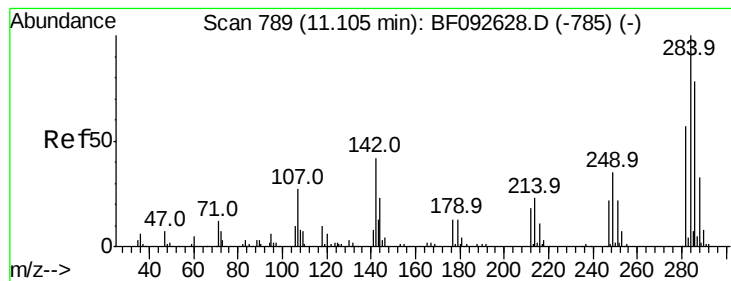


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.63 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

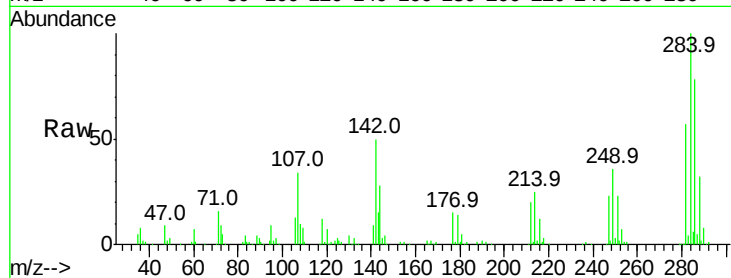
Tot Ion:284 Resp: 197593

Ion Ratio Lower Upper

284 100

142 50.4 22.6 33.8#

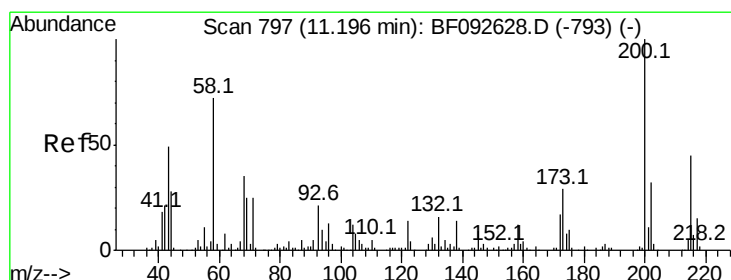
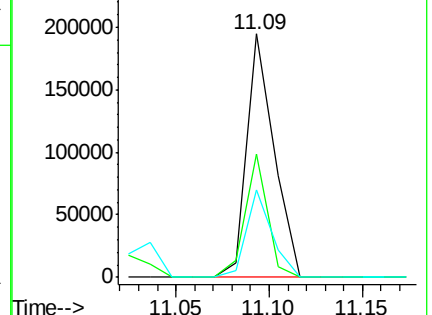
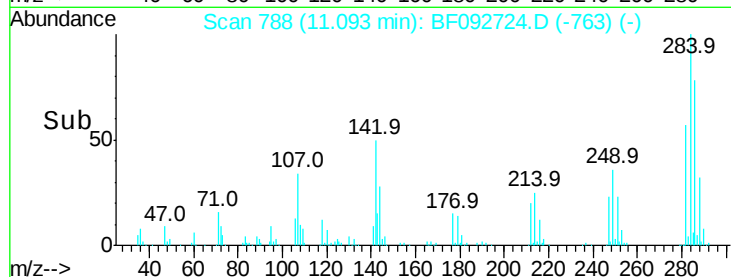
249 35.9 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.72 ng

RT: 11.18 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

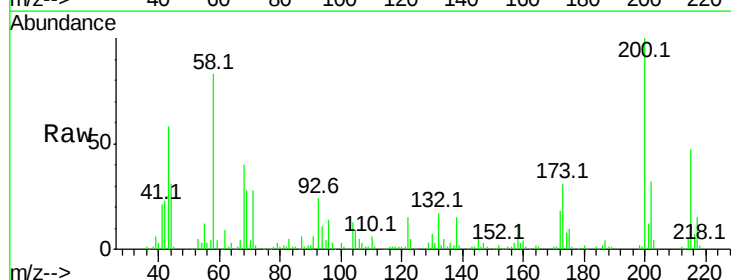
Tgt Ion:200 Resp: 191318

Ion Ratio Lower Upper

200 100

173 30.6 9.6 49.6

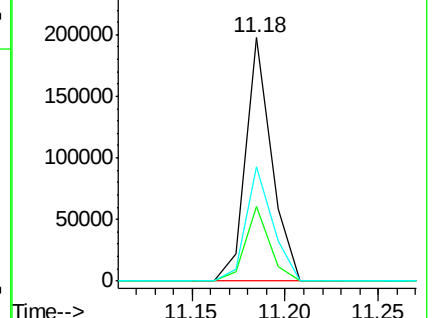
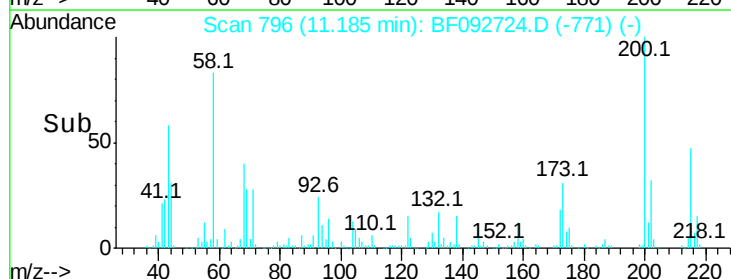
215 47.0 25.7 65.7

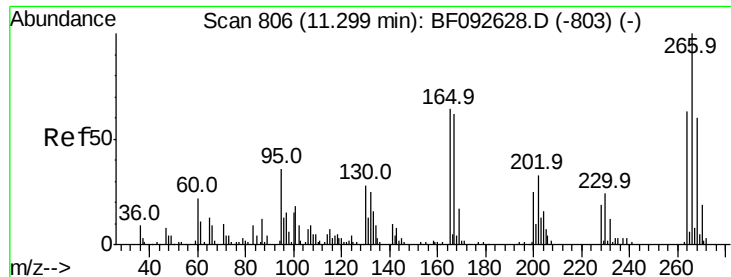


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

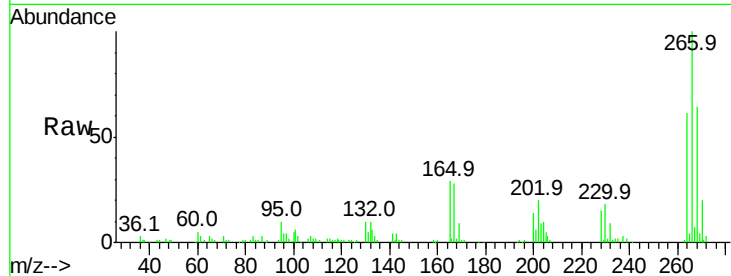




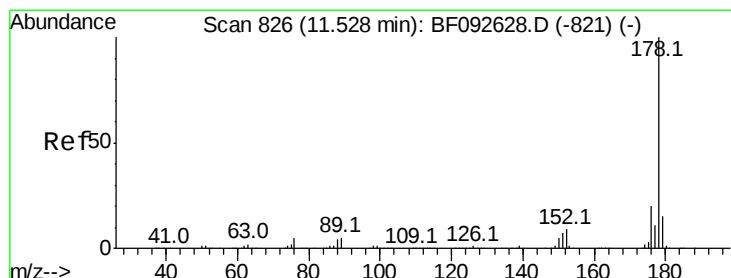
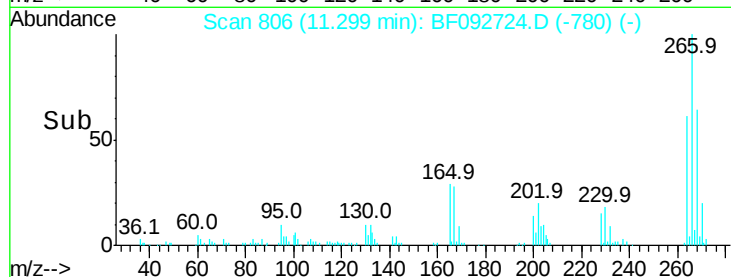
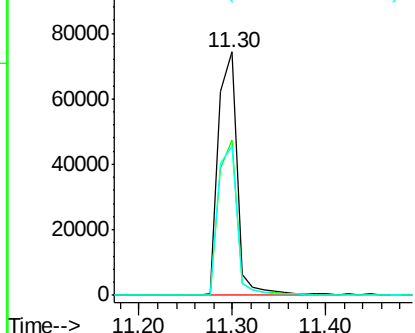
#69  
 Pentachlorophenol  
 Concen: 41.08 ng  
 RT: 11.30 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:266 Resp: 103656  
 Ion Ratio Lower Upper  
 266 100  
 268 64.0 53.3 79.9  
 264 61.0 50.3 75.5

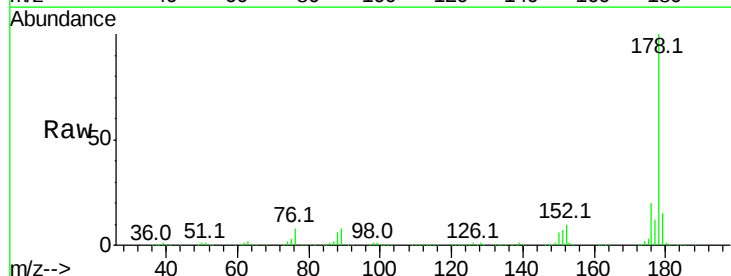


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

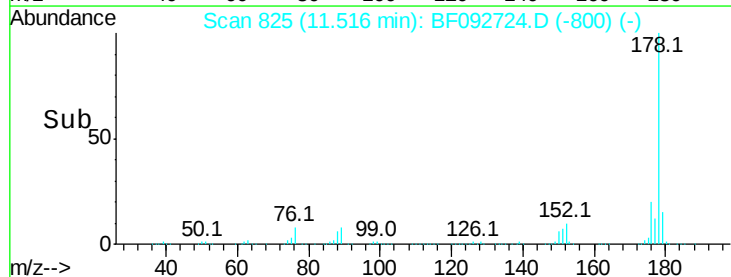
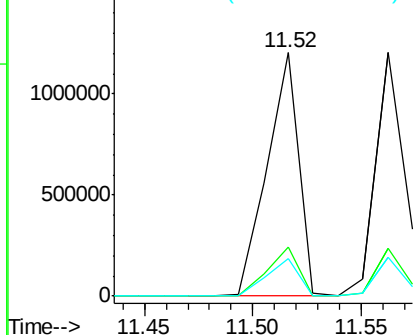


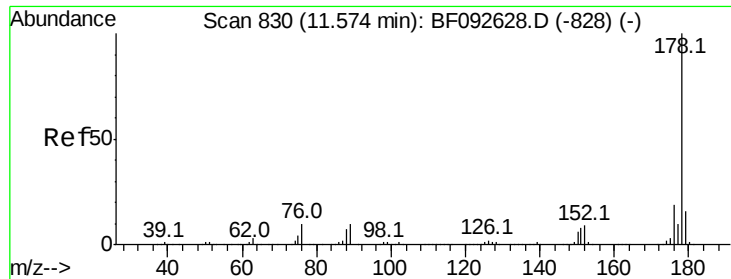
#70  
 Phenanthrene  
 Concen: 40.92 ng  
 RT: 11.52 min Scan# 825  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Tgt Ion:178 Resp: 1224793  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 16.6 25.0  
 179 15.4 12.8 19.2



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



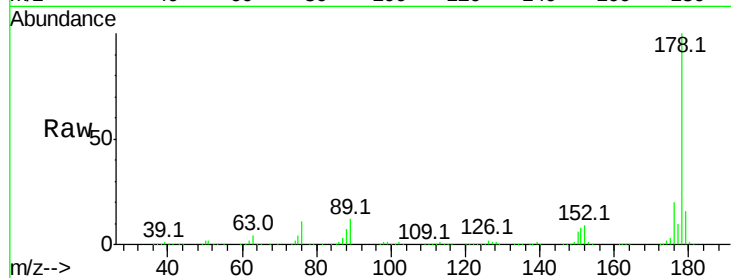


#71  
 Anthracene  
 Concen: 37.37 ng  
 RT: 11.56 min Scan# 829  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

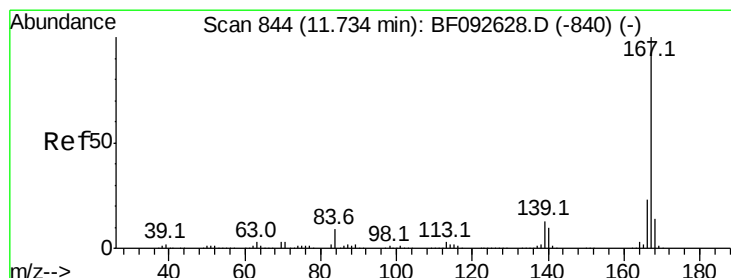
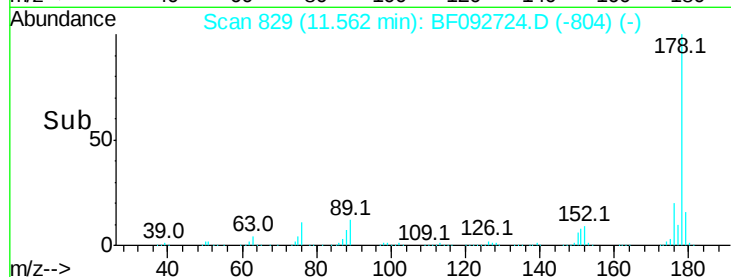
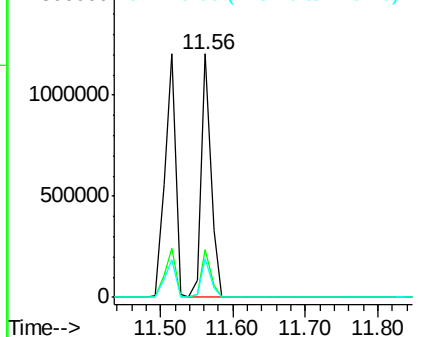
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 1123227  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.6  | 15.9  | 23.9  |
| 179 | 15.8  | 13.2  | 19.8  |



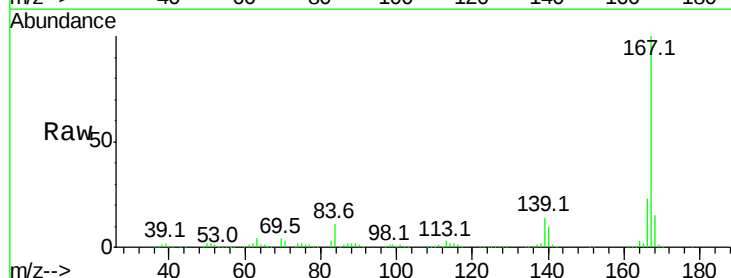
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E



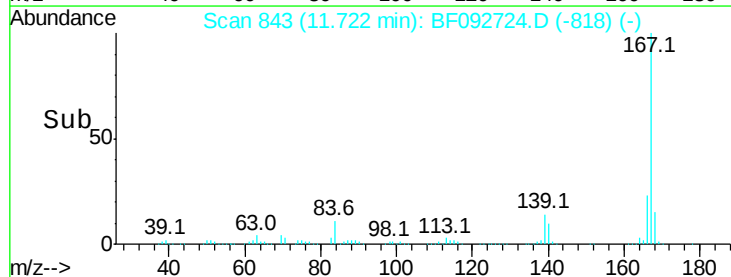
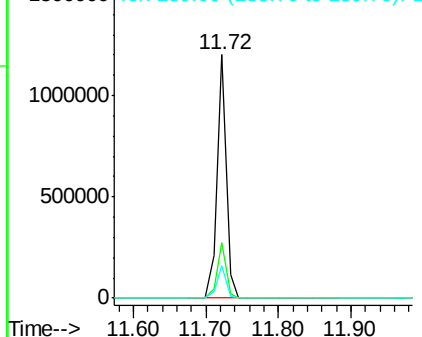
#72  
 Carbazole  
 Concen: 36.67 ng  
 RT: 11.72 min Scan# 843  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

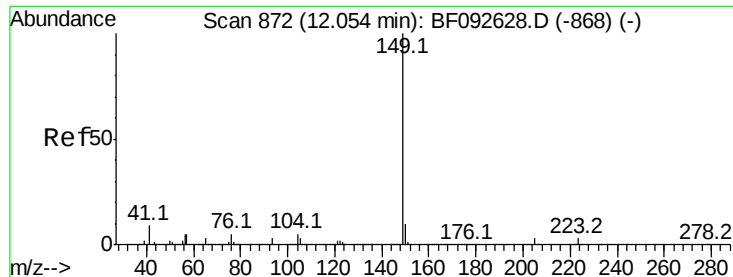
Tgt Ion:167 Resp: 1053602  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.6  | 18.2  | 27.2  |
| 139 | 13.6  | 11.4  | 17.2  |



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: 39.41 ng

RT: 12.04 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

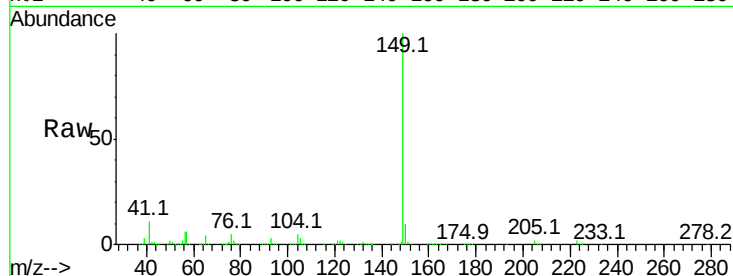
Tot Ion:149 Resp: 1224550

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

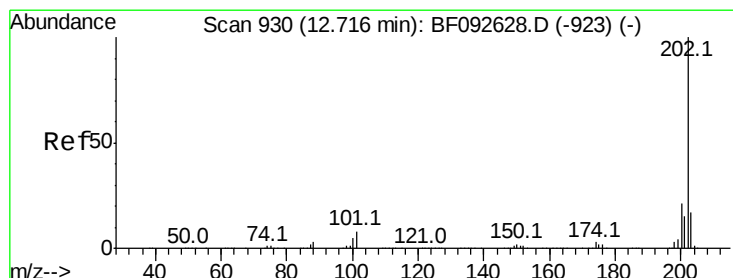
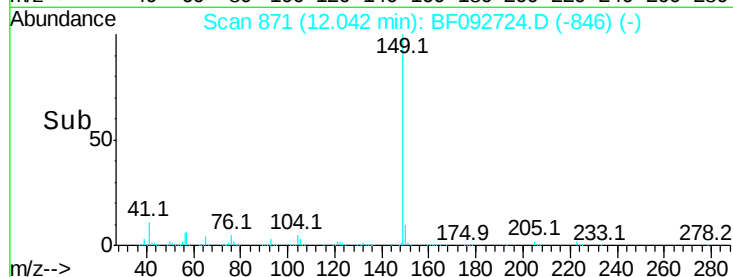
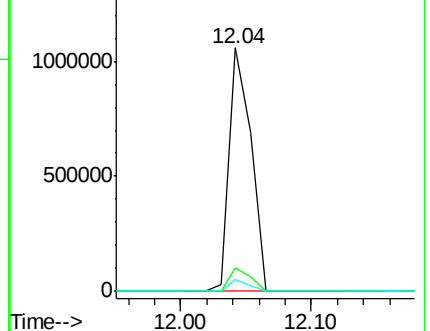
104 4.8 4.6 7.0



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: 36.49 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

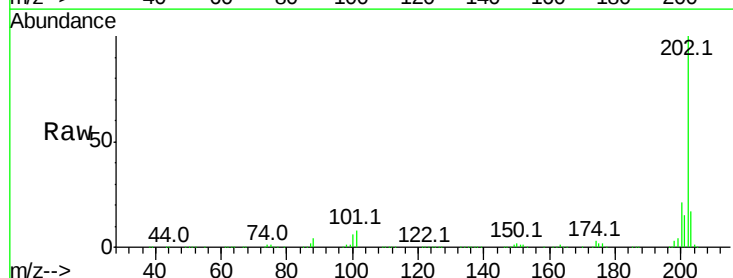
Tgt Ion:202 Resp: 1126533

Ion Ratio Lower Upper

202 100

101 8.1 0.0 34.6

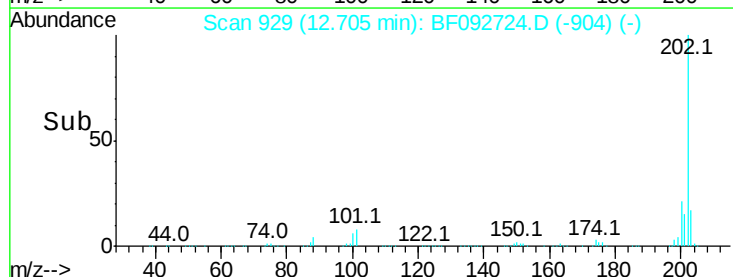
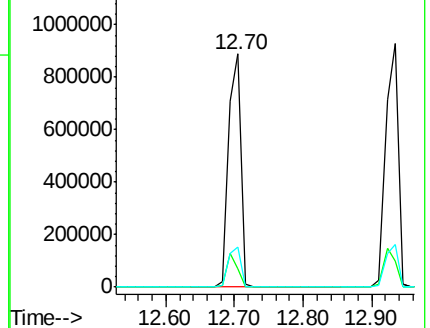
203 17.3 0.0 38.7

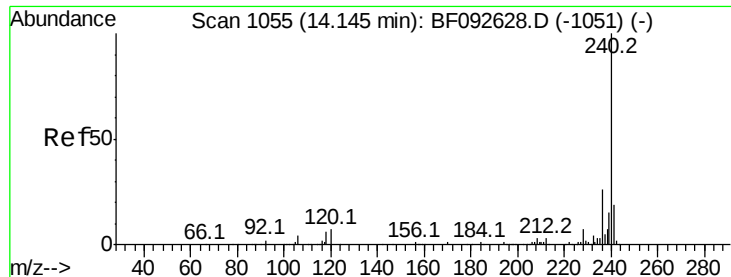


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

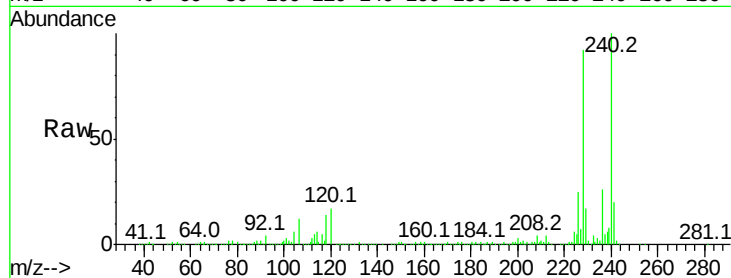
Tot Ion:240 Resp: 338416

Ion Ratio Lower Upper

240 100

120 16.8 12.9 19.3

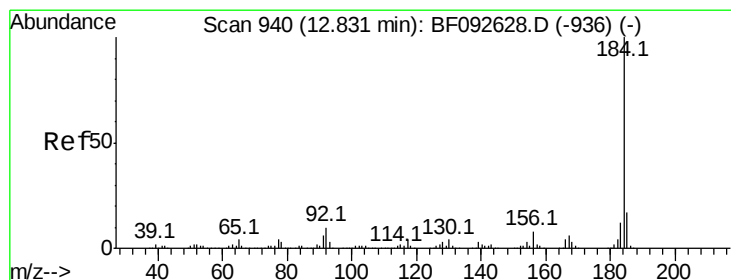
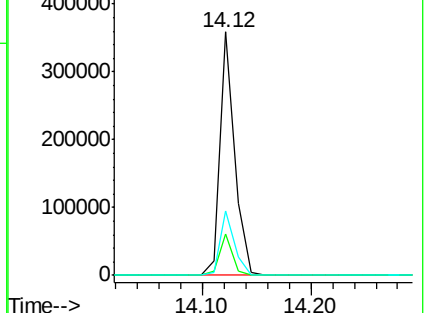
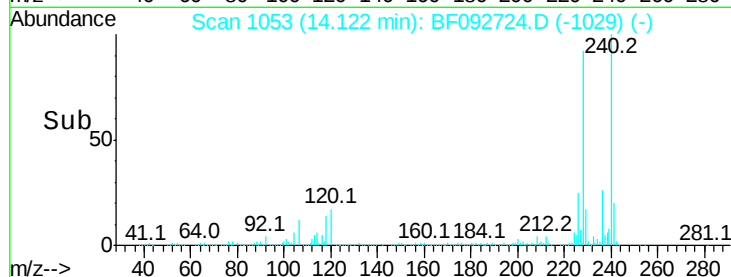
236 26.3 20.9 31.3



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: 32.61 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

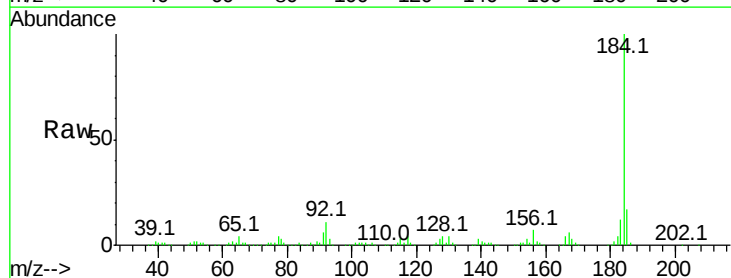
Tgt Ion:184 Resp: 470220

Ion Ratio Lower Upper

184 100

185 16.6 13.4 20.0

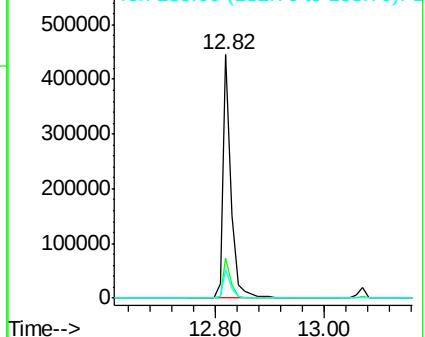
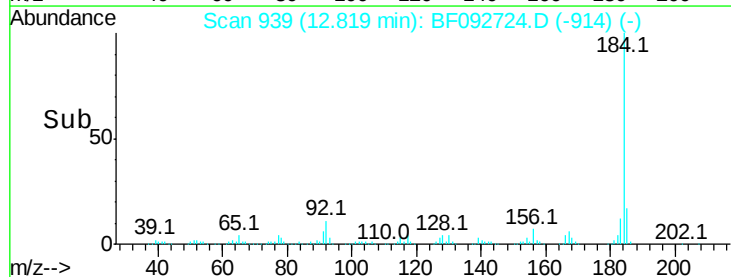
183 11.6 9.2 13.8

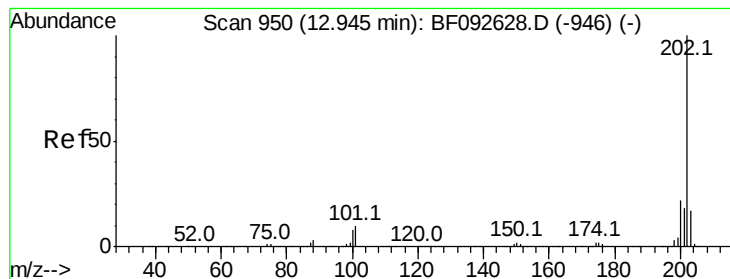


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.80 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

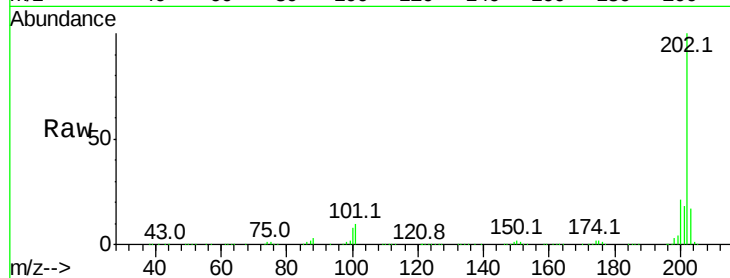
Tot Ion:202 Resp: 1160050

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

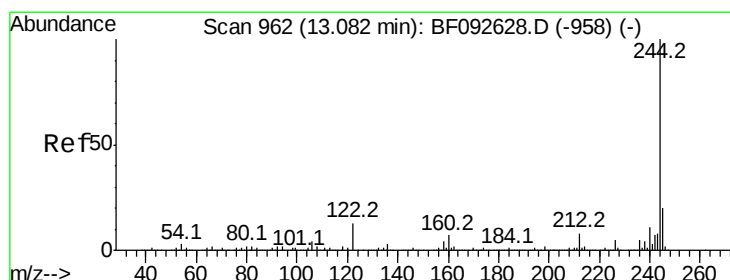
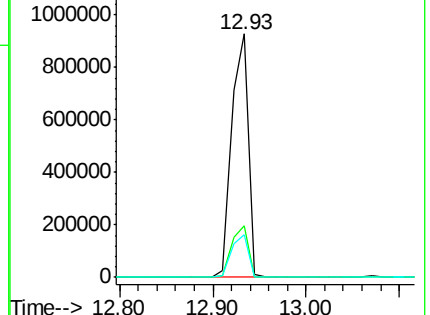
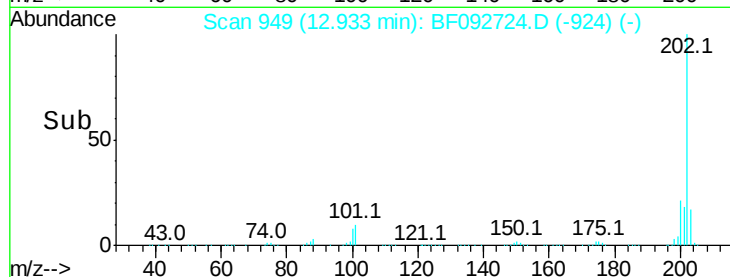
203 17.4 14.7 22.1



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: 86.46 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

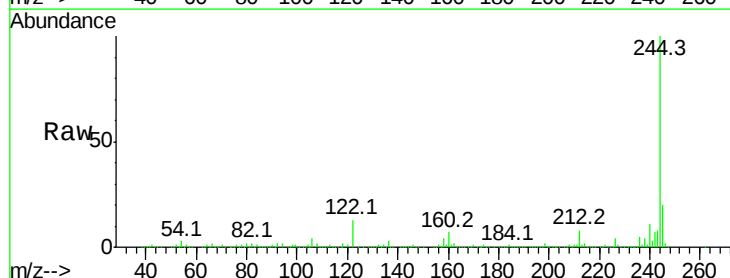
Tgt Ion:244 Resp: 1245231

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

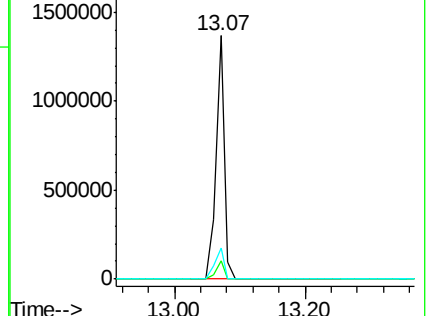
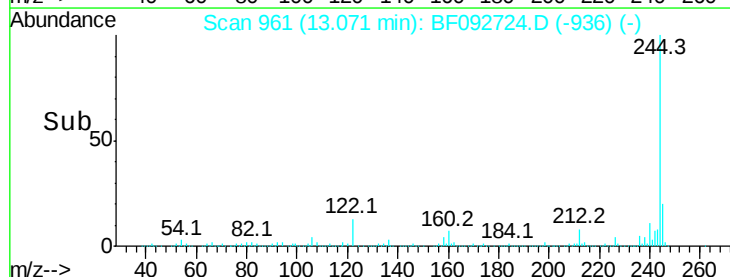
122 12.8 11.4 17.2

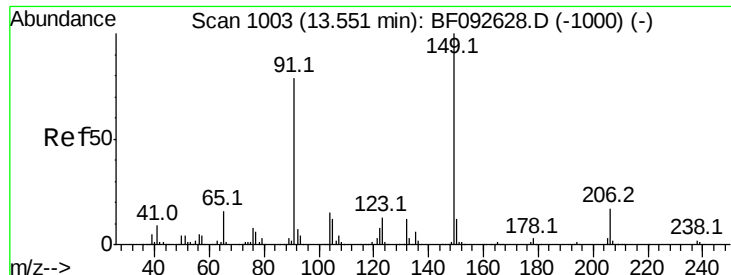


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.65 ng

RT: 13.54 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

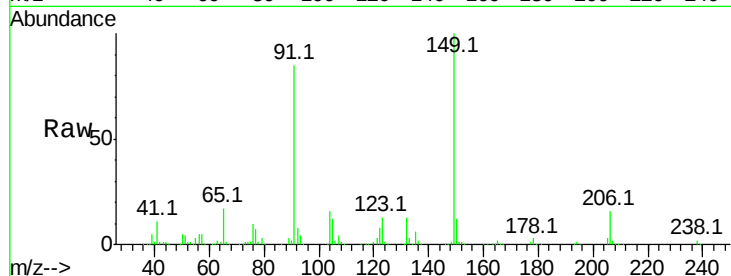
Tot Ion:149 Resp: 459201

Ion Ratio Lower Upper

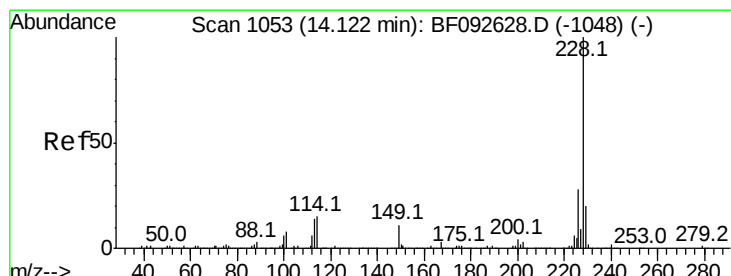
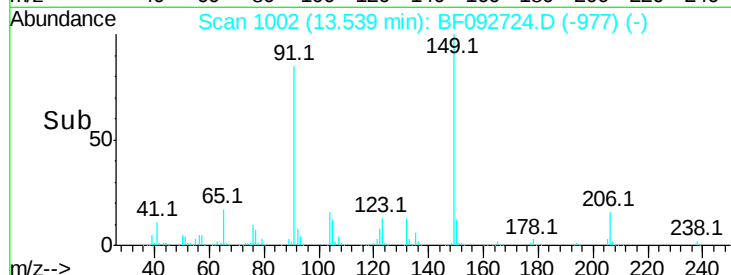
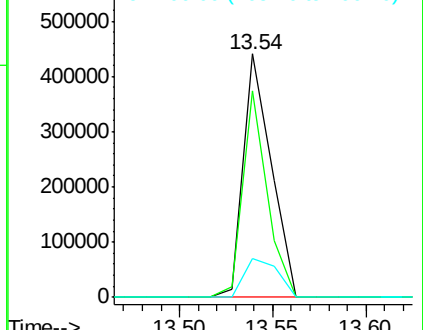
149 100

91 84.6 63.9 95.9

206 16.0 14.6 21.8



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: 38.75 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

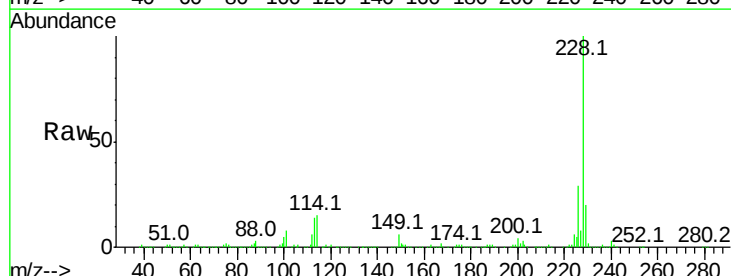
Tgt Ion:228 Resp: 801969

Ion Ratio Lower Upper

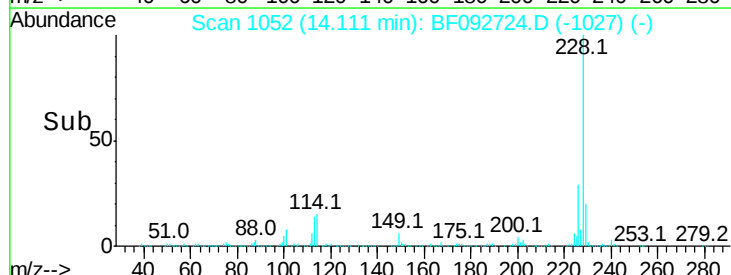
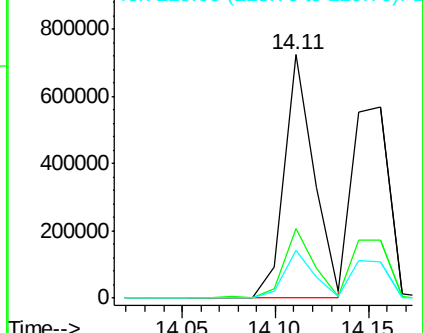
228 100

226 28.6 22.4 33.6

229 19.8 16.2 24.4



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

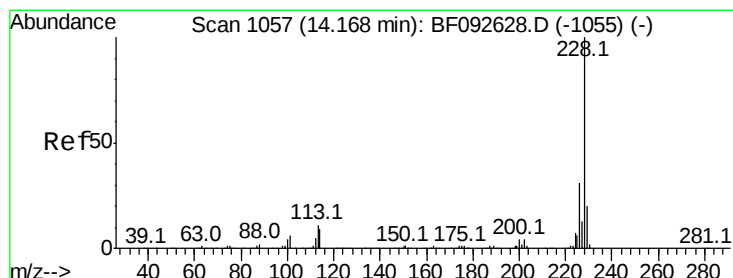
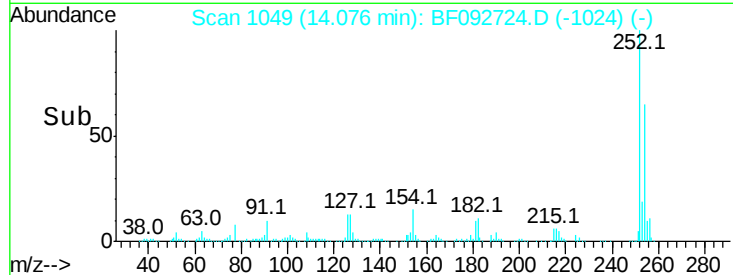
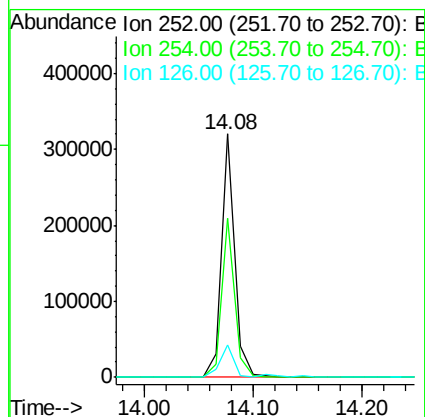
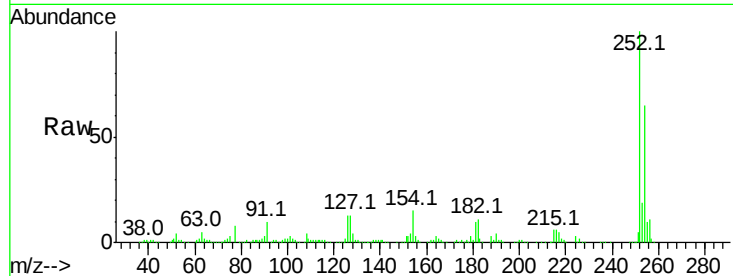




#81  
 3,3'-Dichlorobenzidine  
 Concen: 37.32 ng  
 RT: 14.08 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

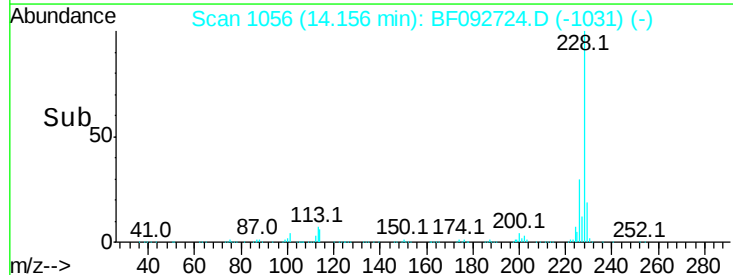
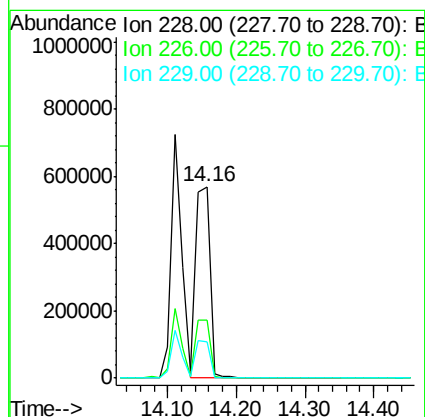
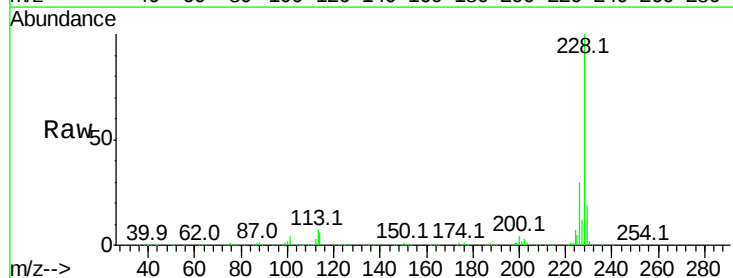
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

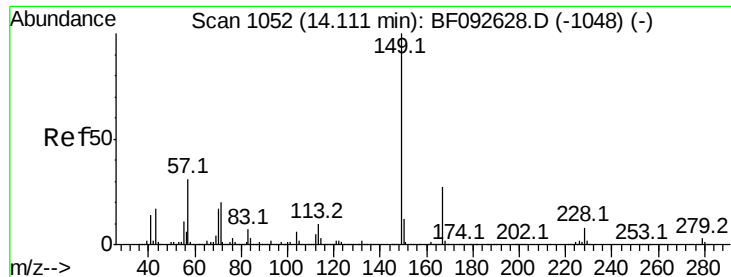
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.2  | 52.3  | 78.5  |
| 126     | 13.5  | 13.6  | 20.4  |



#82  
 Chrysene  
 Concen: 40.80 ng  
 RT: 14.16 min Scan# 1056  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.1  | 25.4  | 38.0  |
| 229     | 19.2  | 16.2  | 24.2  |

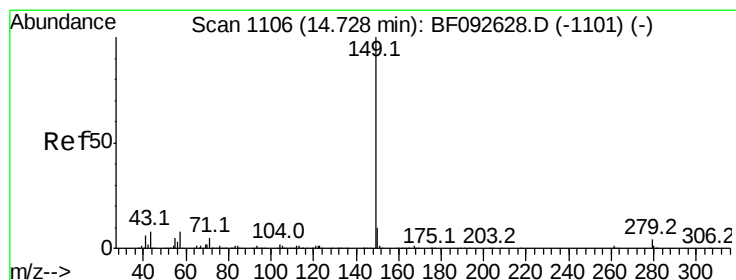
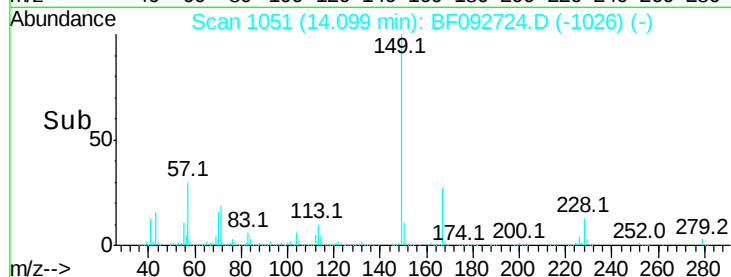
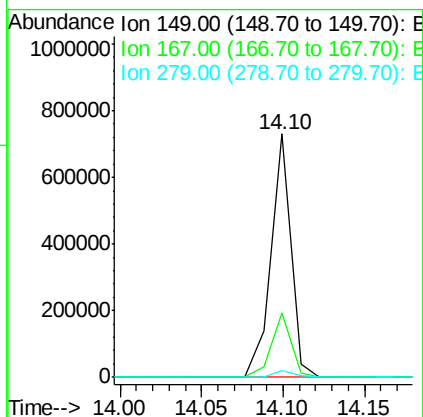
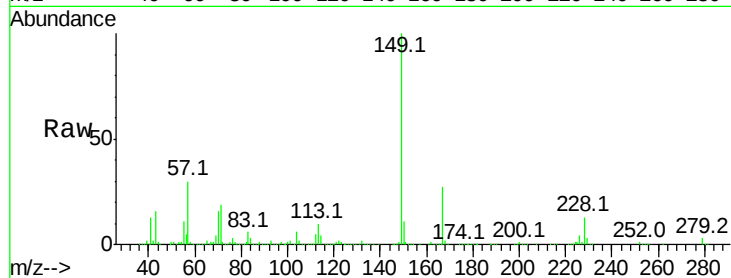




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.60 ng  
 RT: 14.10 min Scan# 1051  
 Delta R.T. -0.01 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

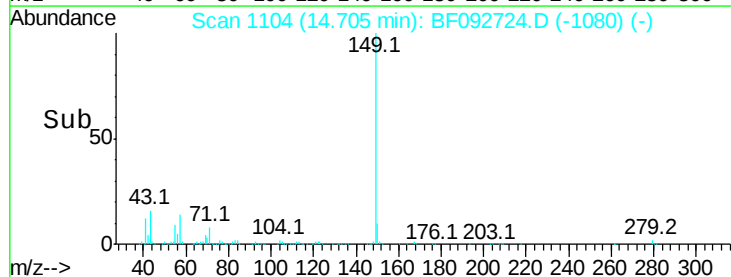
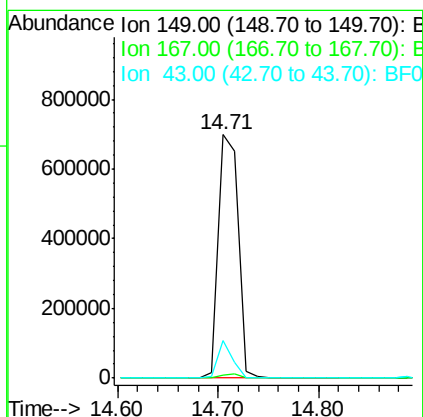
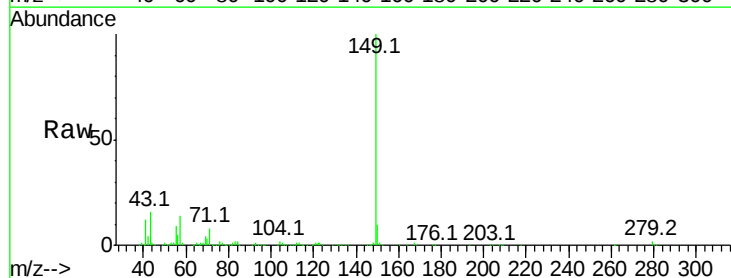
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

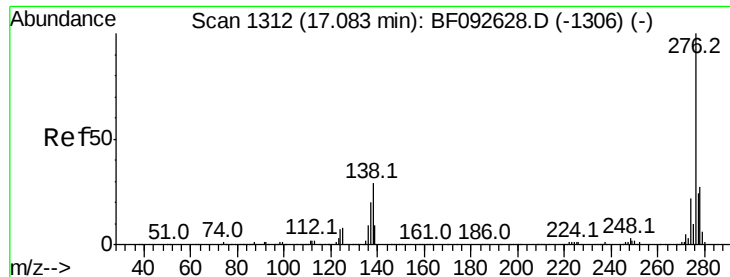
Tot Ion:149 Resp: 627317  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 20.2 30.4  
 279 2.9 1.8 2.8#



#84  
 Di-n-octyl phthalate  
 Concen: 41.69 ng  
 RT: 14.71 min Scan# 1104  
 Delta R.T. -0.02 min  
 Lab File: BF092724.D  
 Acq: 2 Feb 2017 1:42

Tgt Ion:149 Resp: 954770  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 11.8 8.9 13.3

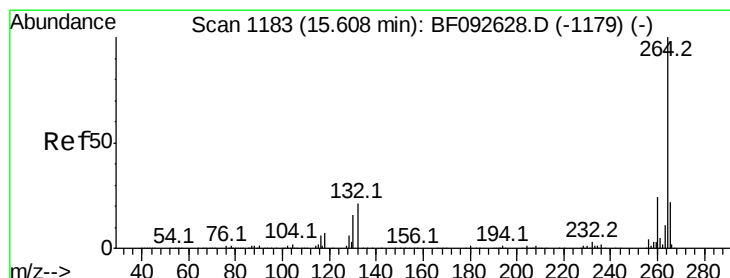
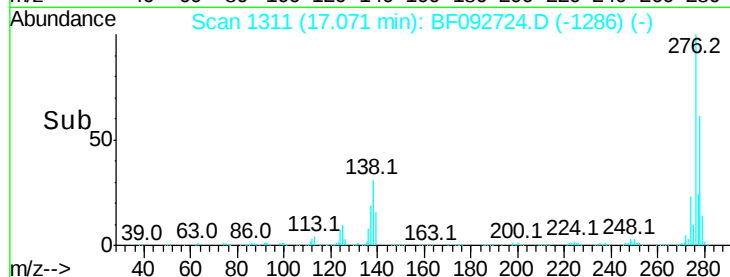
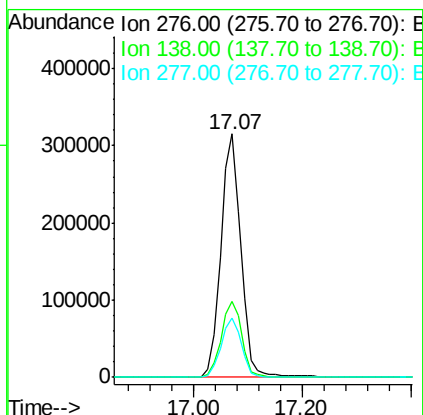
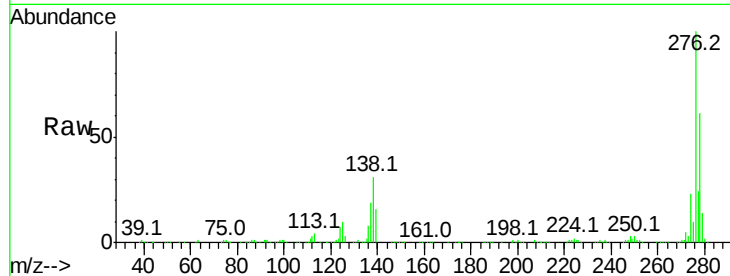




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 54.02 ng  
RT: 17.07 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

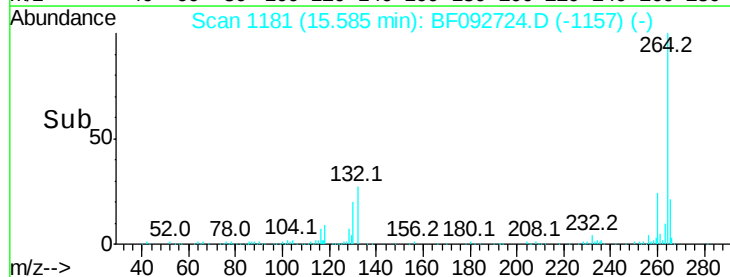
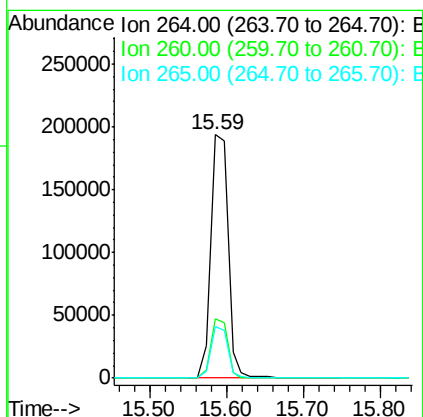
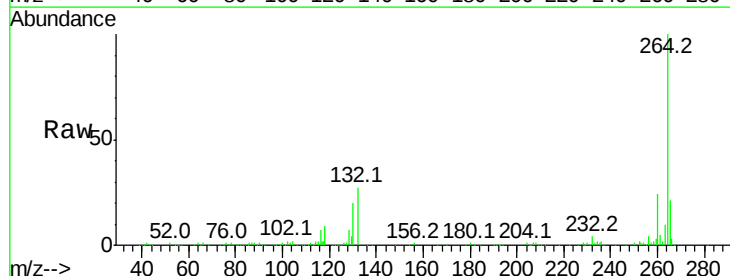
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

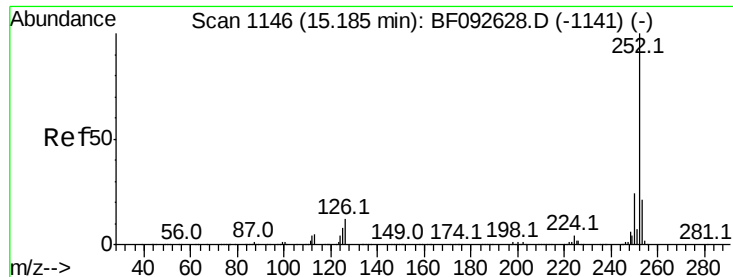
Tot Ion:276 Resp: 810873  
Ion Ratio Lower Upper  
276 100  
138 32.3 21.8 32.6  
277 25.0 20.2 30.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.59 min Scan# 1181  
Delta R.T. -0.02 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

Tgt Ion:264 Resp: 301763  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.2 28.8  
265 21.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 34.81 ng

RT: 15.16 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

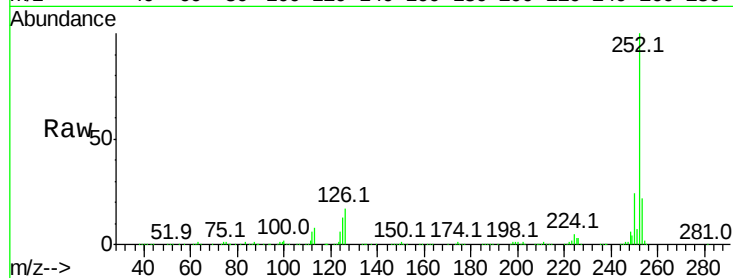
Tot Ion:252 Resp: 691476

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

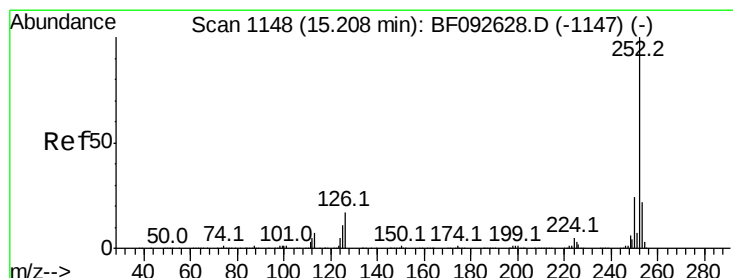
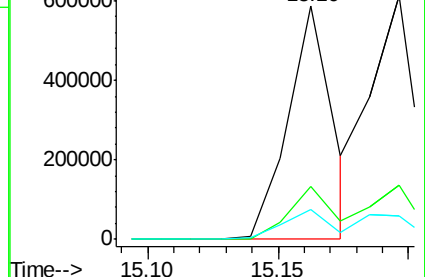
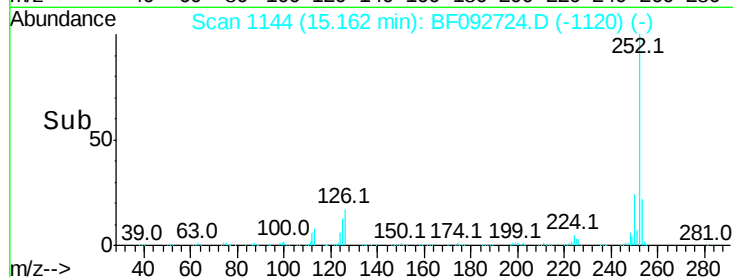
125 12.6 9.8 14.6



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: 42.15 ng m

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

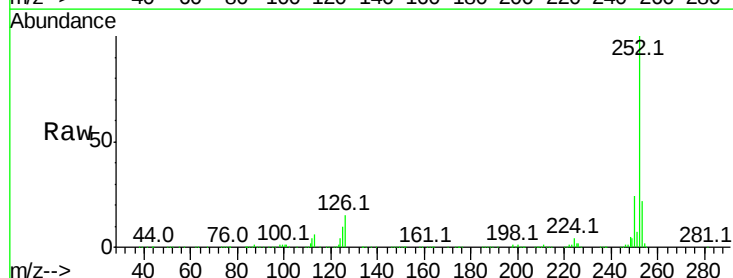
Tgt Ion:252 Resp: 722844

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

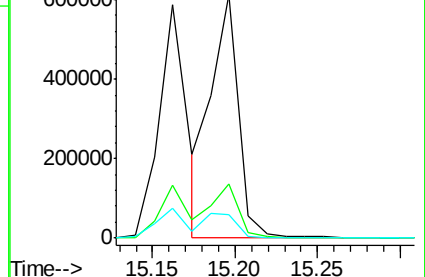
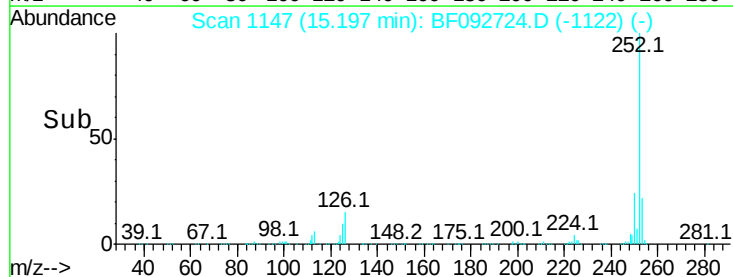
125 9.8 8.9 13.3



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

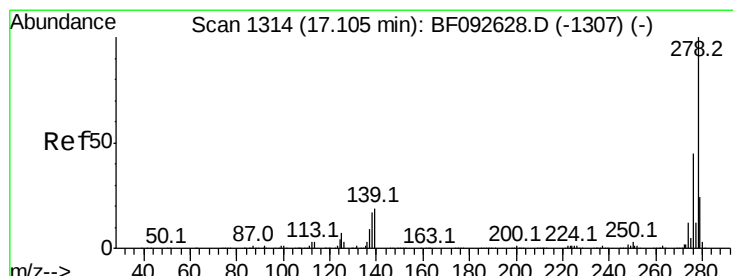
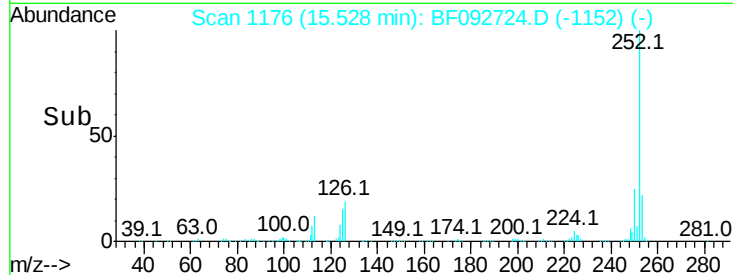
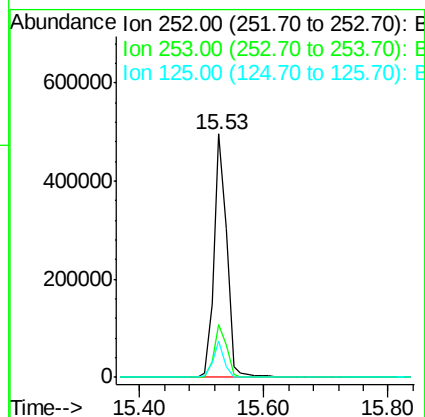
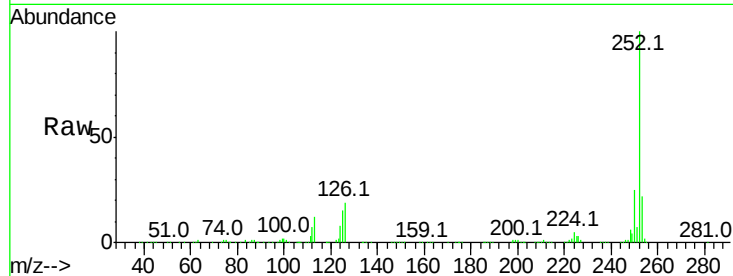




#89  
Benzo(a)pyrene  
Concen: 40.07 ng  
RT: 15.53 min Scan# 1176  
Delta R.T. -0.02 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

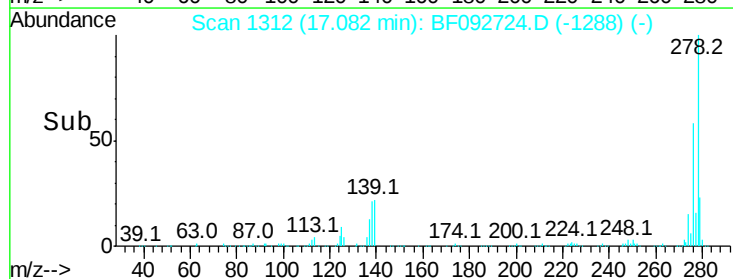
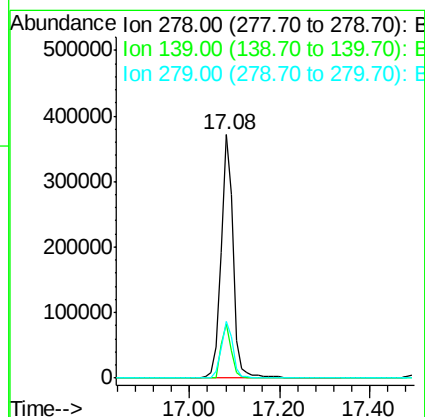
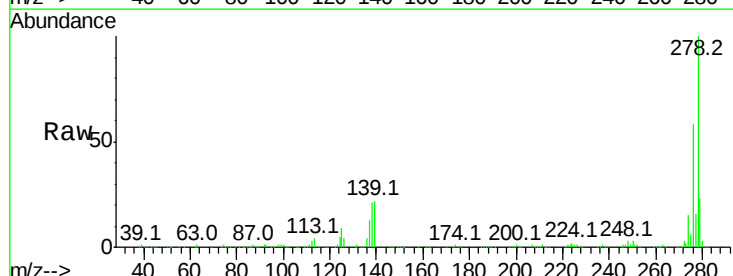
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

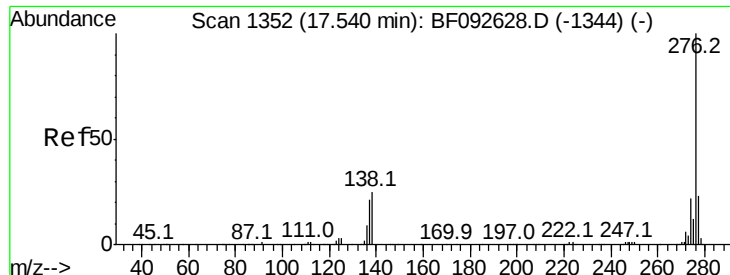
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 252   | Resp: | 688495 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 21.9  | 18.2  | 27.2   |
| 125      | 14.9  | 10.0  | 15.0   |



#90  
Dibenzo(a,h)anthracene  
Concen: 50.01 ng  
RT: 17.08 min Scan# 1312  
Delta R.T. -0.02 min  
Lab File: BF092724.D  
Acq: 2 Feb 2017 1:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 694387 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 22.2  | 14.8  | 22.2#  |
| 279      | 23.5  | 19.8  | 29.6   |





#91

Benzo(a,h,i)perylene

Concen: 51.29 ng

RT: 17.52 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

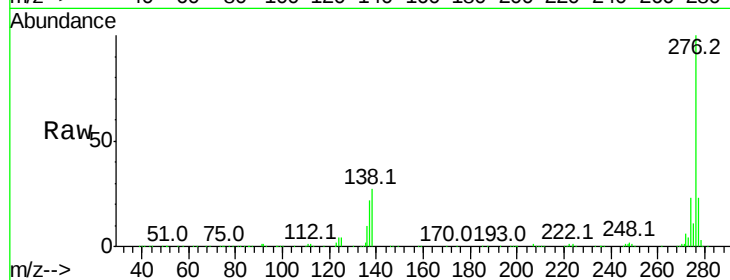
Tot Ion:276 Resp: 719444

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 26.8 16.0 24.0



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

