

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF010416\  
 Data File : BF084232.D  
 Acq On : 4 Jan 2016 11:52  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jan 05 01:26:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF123115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 04 12:22:40 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 268771   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.18  | 136  | 1112889  | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.94  | 164  | 518020   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.41 | 188  | 921877   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.05 | 240  | 645793   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.49 | 264  | 544509   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 1427418 | 85.90 | ng | 0.00  |
| 7) Phenol-d6             | 6.53  | 99  | 1735169 | 83.14 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.46  | 82  | 1506434 | 75.34 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 440054  | 84.14 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.25  | 172 | 2360951 | 79.79 | ng | -0.01 |
| 78) Terphenyl-d14        | 13.00 | 244 | 2021590 | 69.88 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.50 | 88  | 325307  | 41.33 | ng | # 78   |
| 3) Pyridine                    | 3.23 | 79  | 967226  | 44.07 | ng | # 67   |
| 4) n-Nitrosodimethylamine      | 3.18 | 42  | 444782  | 39.48 | ng | # 77   |
| 6) Aniline                     | 6.56 | 93  | 1198897 | 39.27 | ng | # 81   |
| 8) 2-Chlorophenol              | 6.68 | 128 | 771213  | 40.91 | ng | 93     |
| 9) Benzaldehyde                | 6.44 | 77  | 498771  | 36.70 | ng | 91     |
| 10) Phenol                     | 6.54 | 94  | 1070424 | 45.11 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93  | 723379  | 39.35 | ng | # 80   |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146 | 784248  | 40.33 | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 6.91 | 146 | 821010  | 42.10 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.91 | 146 | 821010  | 43.96 | ng | 99     |
| 15) Benzyl Alcohol             | 7.04 | 79  | 682639  | 38.88 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 1245950 | 37.22 | ng | 84     |
| 17) 2-Methylphenol             | 7.15 | 107 | 591976  | 37.47 | ng | 96     |
| 18) Hexachloroethane           | 7.40 | 117 | 313977  | 40.26 | ng | # 86   |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70  | 501601  | 35.51 | ng | # 69   |
| 20) 3+4-Methylphenols          | 7.31 | 107 | 763366  | 41.10 | ng | # 59   |
| 22) Acetophenone               | 7.31 | 105 | 1081510 | 40.41 | ng | # 94   |
| 24) Nitrobenzene               | 7.48 | 77  | 849254  | 41.87 | ng | 89     |
| 25) Isophorone                 | 7.72 | 82  | 1480744 | 38.72 | ng | 98     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 361353  | 39.15 | ng | # 77   |
| 27) 2,4-Dimethylphenol         | 7.84 | 122 | 727140  | 38.92 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 826922  | 35.40 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.04 | 162 | 621309  | 39.92 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 669296  | 41.66 | ng | 96     |
| 31) Naphthalene                | 8.20 | 128 | 2057531 | 40.75 | ng | 98     |
| 32) Benzoic acid               | 7.95 | 122 | 406034  | 35.63 | ng | 90     |
| 33) 4-Chloroaniline            | 8.25 | 127 | 843481  | 36.44 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 356975  | 38.65 | ng | 97     |
| 35) Caprolactam                | 8.62 | 113 | 184900  | 35.24 | ng | # 46   |
| 36) 4-Chloro-3-methylphenol    | 8.74 | 107 | 707329  | 40.57 | ng | 93     |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 1343746 | 37.07 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 624134  | 41.91 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.05 | 237 | 396288  | 44.08 | ng | 98     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

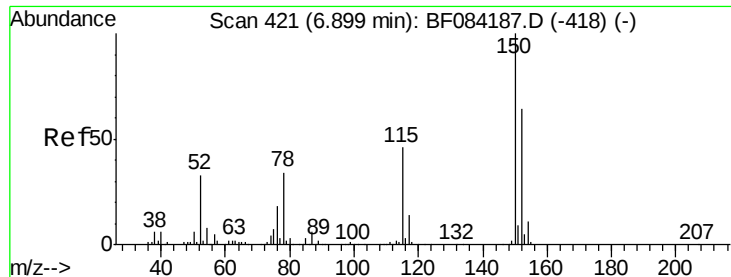
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jan 05 01:26:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF123115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 04 12:22:40 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.17  | 196  | 435054   | 39.05 | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 9.21  | 196  | 387762   | 36.30 | ng    | # 82     |
| 45) 1,1'-Biphenyl              | 9.36  | 154  | 1590889  | 38.64 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.38  | 162  | 1192460  | 36.87 | ng    | 96       |
| 47) 2-Nitroaniline             | 9.48  | 65   | 434442   | 40.70 | ng    | # 62     |
| 48) Acenaphthylene             | 9.80  | 152  | 1923322  | 40.26 | ng    | 98       |
| 49) Dimethylphthalate          | 9.66  | 163  | 1561971  | 42.18 | ng    | # 91     |
| 50) 2,6-Dinitrotoluene         | 9.72  | 165  | 363502   | 44.75 | ng    | # 80     |
| 51) Acenaphthene               | 9.97  | 154  | 1346338  | 42.01 | ng    | 97       |
| 52) 3-Nitroaniline             | 9.89  | 138  | 428457   | 42.57 | ng    | # 76     |
| 53) 2,4-Dinitrophenol          | 9.98  | 184  | 143298   | 43.13 | ng    | # 72     |
| 54) Dibenzofuran               | 10.14 | 168  | 1756271  | 42.12 | ng    | 99       |
| 55) 4-Nitrophenol              | 10.05 | 139  | 321163   | 43.96 | ng    | 90       |
| 56) 2,4-Dinitrotoluene         | 10.12 | 165  | 474704   | 46.18 | ng    | 94       |
| 57) Fluorene                   | 10.49 | 166  | 1309264  | 40.56 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 380558   | 41.73 | ng    | 92       |
| 59) Diethylphthalate           | 10.36 | 149  | 1493020  | 40.89 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204  | 623131   | 46.23 | ng    | 97       |
| 61) 4-Nitroaniline             | 10.50 | 138  | 332849   | 37.10 | ng    | 93       |
| 62) Azobenzene                 | 10.64 | 77   | 1657877  | 41.40 | ng    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 194967   | 34.75 | ng    | # 49     |
| 65) n-Nitrosodiphenylamine     | 10.59 | 169  | 1111434  | 37.71 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.97 | 248  | 421205   | 42.45 | ng    | # 91     |
| 67) Hexachlorobenzene          | 11.02 | 284  | 412467   | 36.93 | ng    | # 78     |
| 68) Atrazine                   | 11.13 | 200  | 407402   | 42.24 | ng    | 95       |
| 69) Pentachlorophenol          | 11.22 | 266  | 210626   | 36.37 | ng    | 98       |
| 70) Phenanthrene               | 11.45 | 178  | 2038192  | 42.27 | ng    | 97       |
| 71) Anthracene                 | 11.49 | 178  | 1885849  | 39.90 | ng    | 97       |
| 72) Carbazole                  | 11.65 | 167  | 1877209  | 40.62 | ng    | 98       |
| 73) Di-n-butylphthalate        | 11.98 | 149  | 2061086  | 41.00 | ng    | # 96     |
| 74) Fluoranthene               | 12.62 | 202  | 1844218  | 36.61 | ng    | 98       |
| 76) Benzidine                  | 12.75 | 184  | 836874   | 36.14 | ng    | 99       |
| 77) Pyrene                     | 12.85 | 202  | 1826764  | 36.05 | ng    | 98       |
| 79) Butylbenzylphthalate       | 13.48 | 149  | 756788   | 34.51 | ng    | # 98     |
| 80) Benzo(a)anthracene         | 14.04 | 228  | 1382795  | 36.47 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.01 | 252  | 509511   | 38.50 | ng    | # 95     |
| 82) Chrysene                   | 14.08 | 228  | 1249457  | 34.29 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 871395   | 31.45 | ng    | 97       |
| 84) Di-n-octyl phthalate       | 14.66 | 149  | 1505162  | 32.18 | ng    | # 89     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.91 | 276  | 1411550  | 48.87 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.08 | 252  | 1409057  | 39.56 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 15.08 | 252  | 1409057  | 48.37 | ng    | # 96     |
| 89) Benzo(a)pyrene             | 15.44 | 252  | 1214485  | 40.20 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.92 | 278  | 1148511  | 44.18 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.33 | 276  | 1208487  | 44.89 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

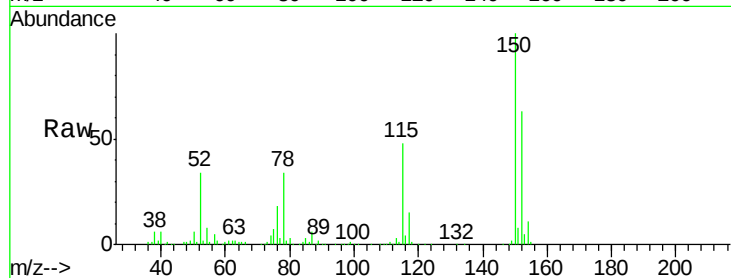
Tgt Ion:152 Resp: 268771

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

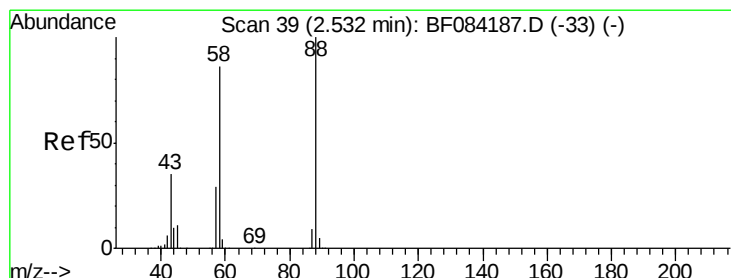
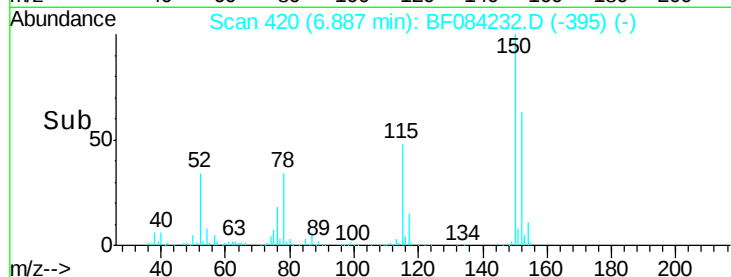
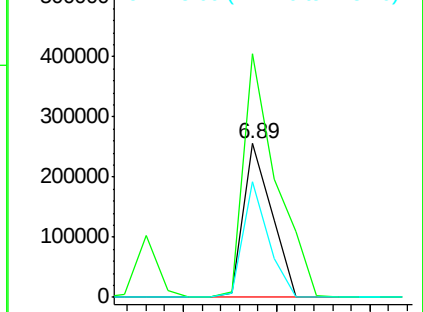
115 75.5 51.4 77.2



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: 41.33 ng

RT: 2.50 min Scan# 36

Delta R.T. -0.03 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

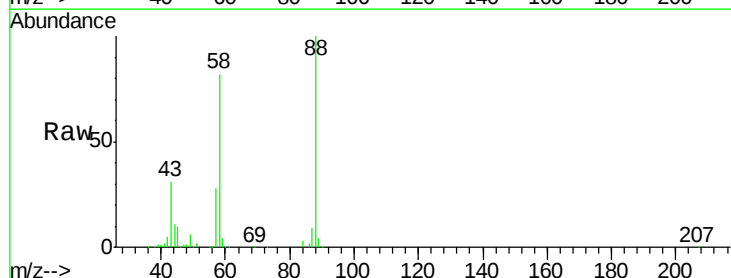
Tgt Ion: 88 Resp: 325307

Ion Ratio Lower Upper

88 100

58 83.3 51.2 76.8#

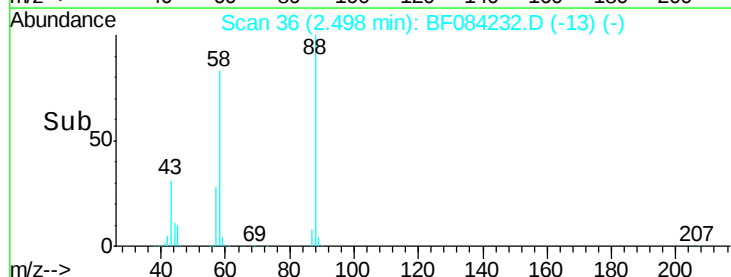
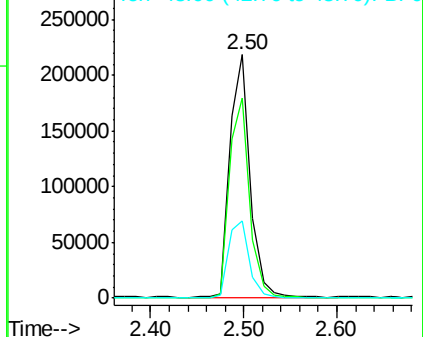
43 32.5 19.5 29.3#

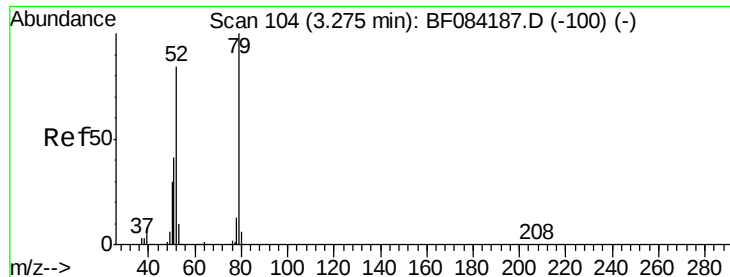


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.07 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.05 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

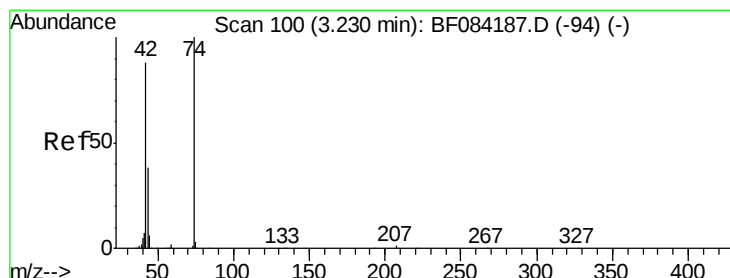
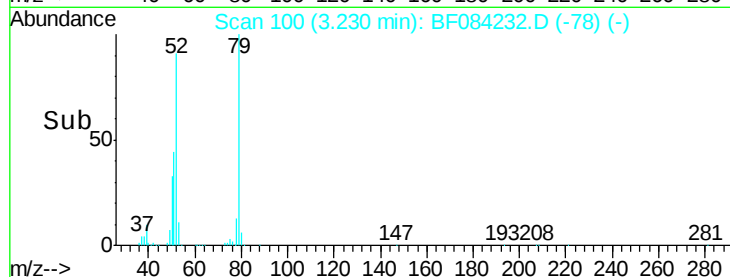
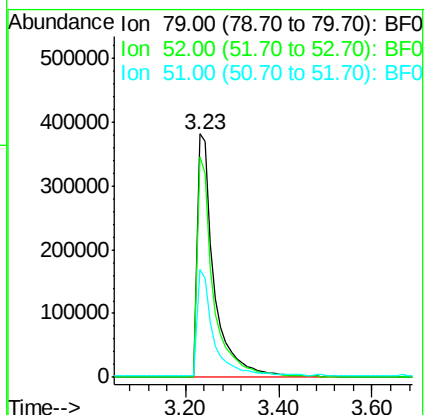
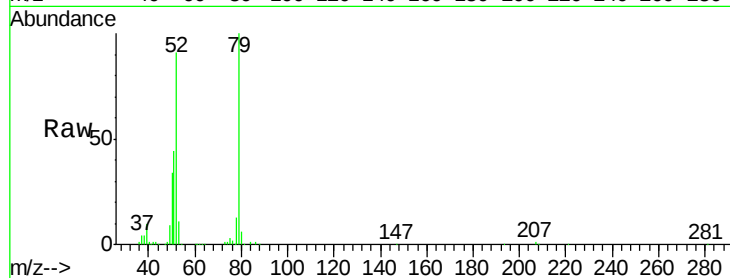
Tgt Ion: 79 Resp: 967226

Ion Ratio Lower Upper

79 100

52 90.7 49.0 73.4#

51 44.4 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 39.48 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.05 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

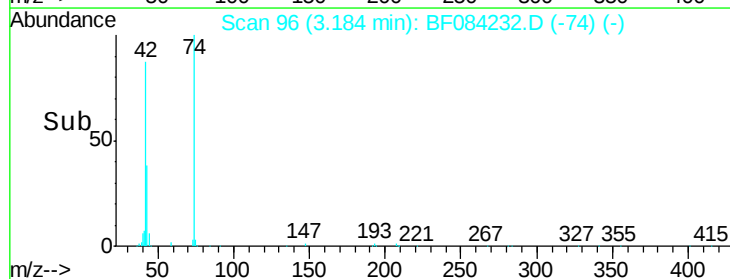
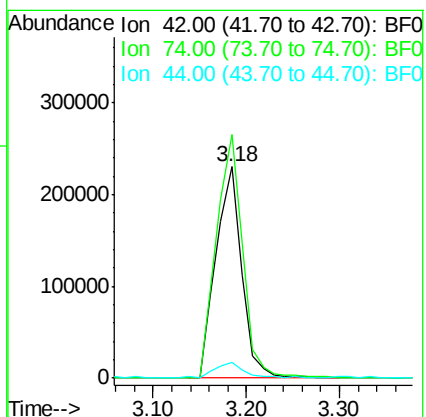
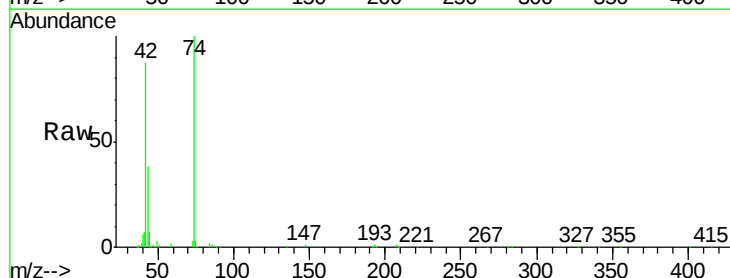
Tgt Ion: 42 Resp: 444782

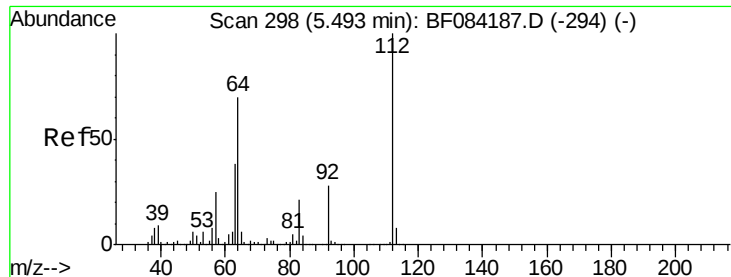
Ion Ratio Lower Upper

42 100

74 115.3 115.7 173.5#

44 7.6 5.1 7.7





#5

2-Fluorophenol

Concen: 85.90 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

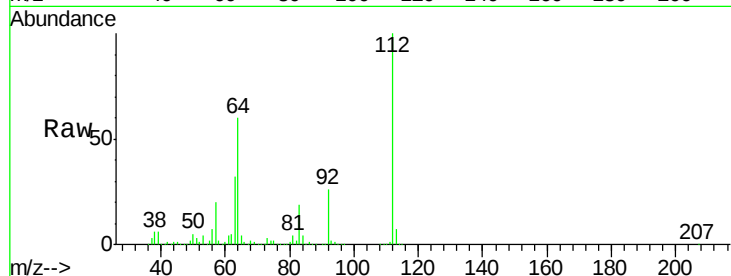
Tgt Ion:112 Resp: 1427418

Ion Ratio Lower Upper

112 100

64 60.4 36.6 55.0#

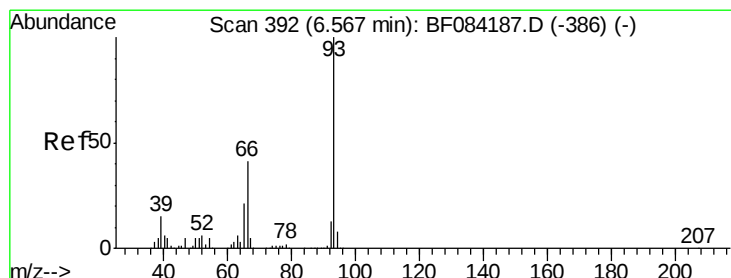
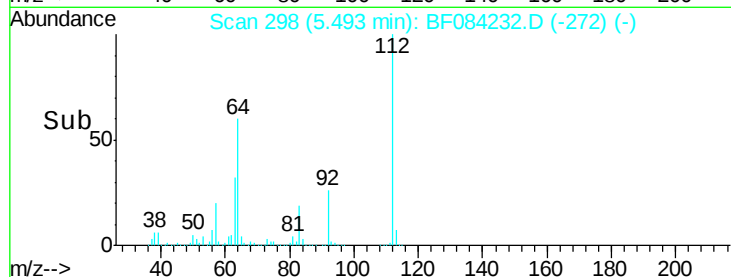
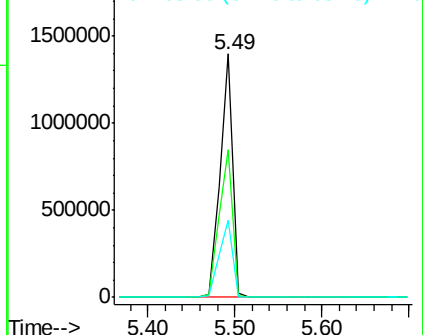
63 31.9 19.4 29.0#



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: 39.27 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

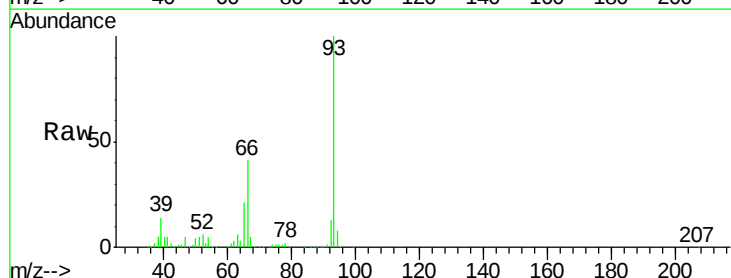
Tgt Ion: 93 Resp: 1198897

Ion Ratio Lower Upper

93 100

66 40.7 44.9 67.3#

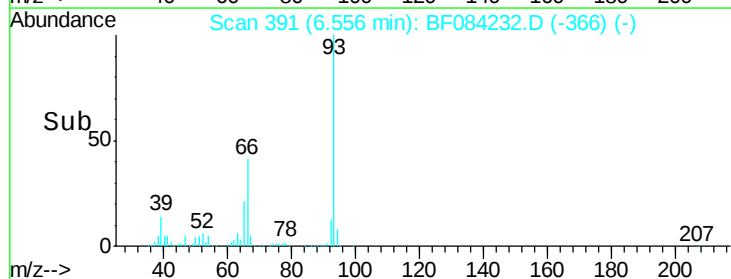
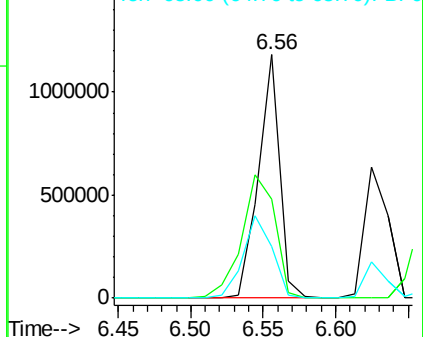
65 21.2 23.7 35.5#

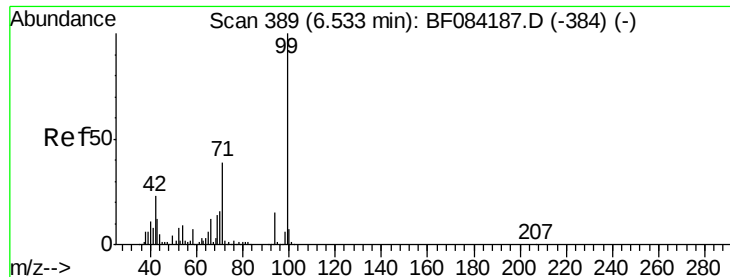


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.14 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

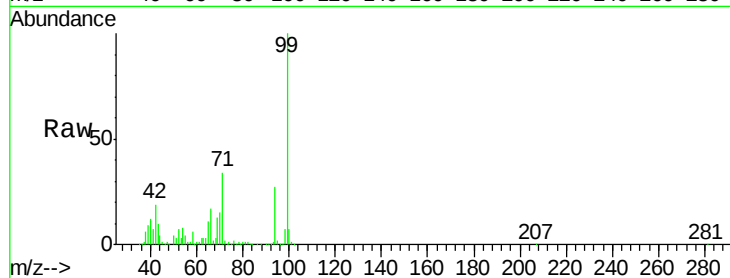
Tgt Ion: 99 Resp: 1735169

Ion Ratio Lower Upper

99 100

42 18.8 12.8 19.2

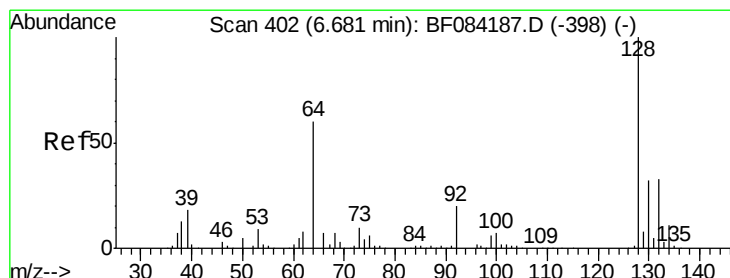
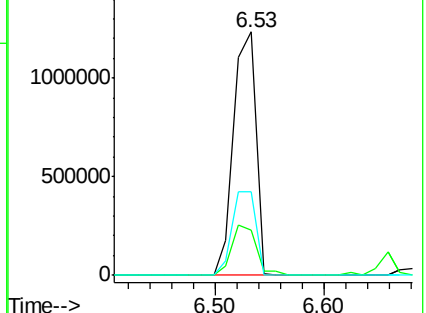
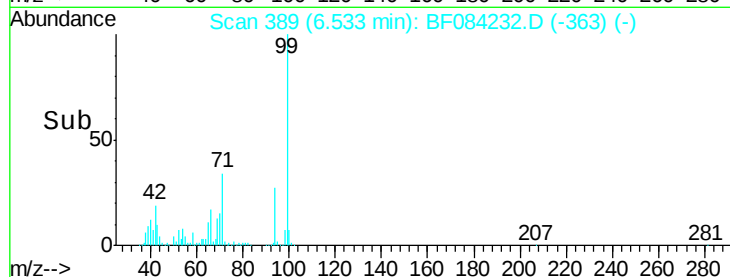
71 34.2 30.9 46.3



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: 40.91 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

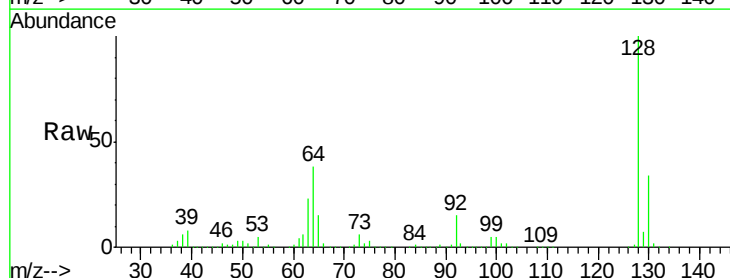
Tgt Ion: 128 Resp: 771213

Ion Ratio Lower Upper

128 100

130 34.1 11.6 51.6

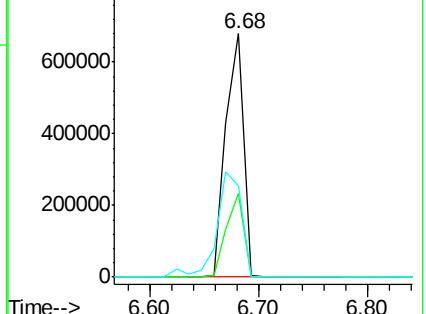
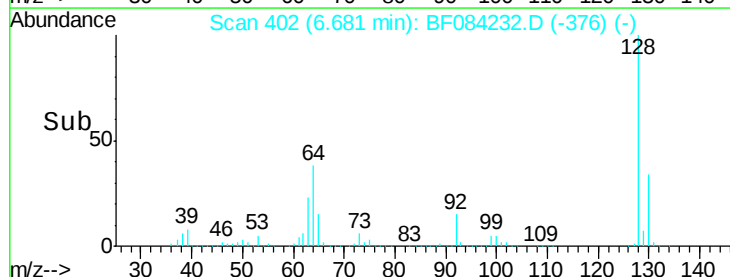
64 37.6 23.8 63.8

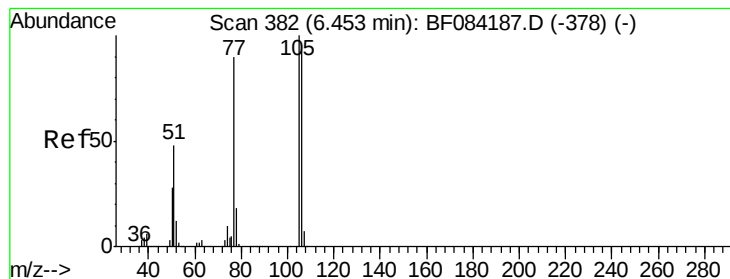


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.70 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

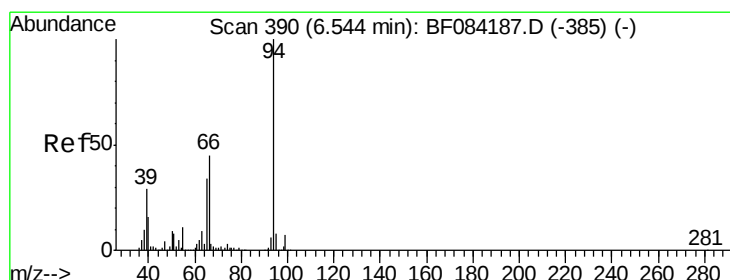
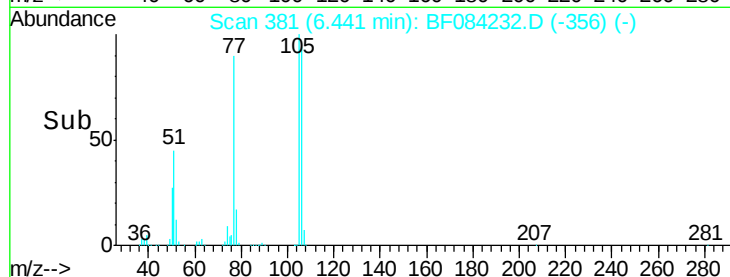
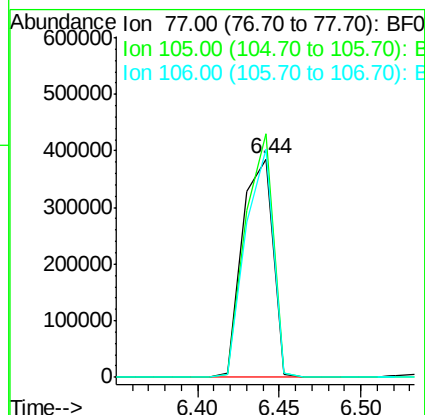
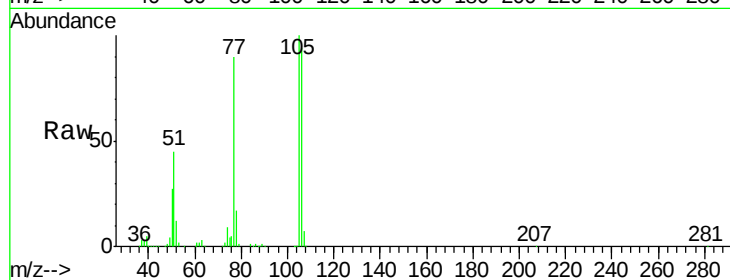
Tgt Ion: 77 Resp: 498771

Ion Ratio Lower Upper

77 100

105 111.6 83.0 123.0

106 104.5 74.6 114.6



#10

Phenol

Concen: 45.11 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

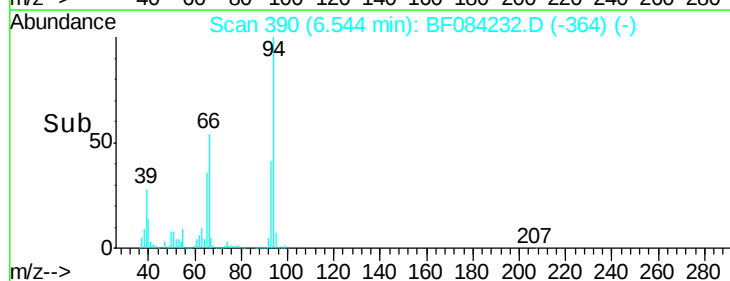
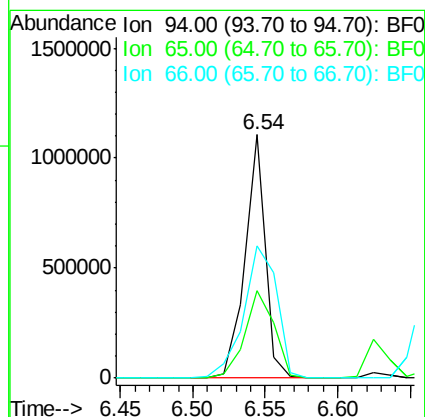
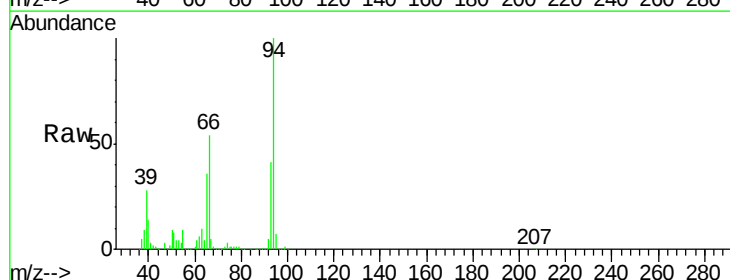
Tgt Ion: 94 Resp: 1070424

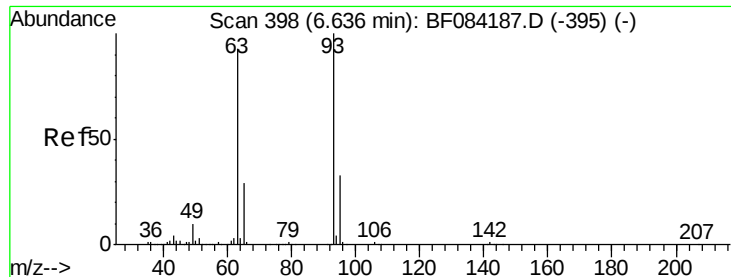
Ion Ratio Lower Upper

94 100

65 36.2 12.9 52.9

66 54.2 32.7 72.7

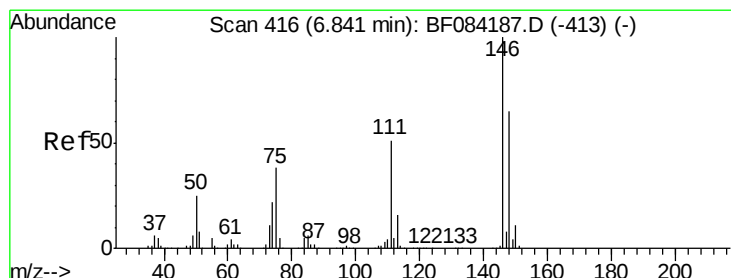
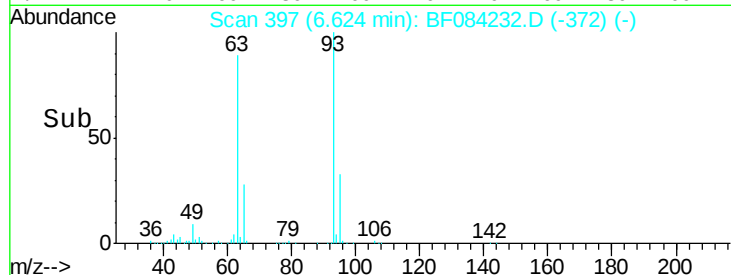
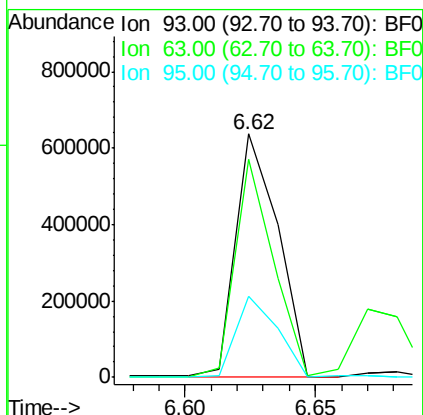
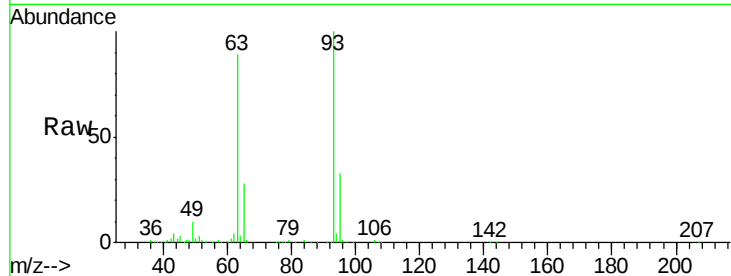




#11  
bis(2-Chloroethyl)ether  
Concen: 39.35 ng  
RT: 6.62 min Scan# 397  
Delta R.T. -0.01 min  
Lab File: BF084232.D  
Acq: 4 Jan 2016 11:52

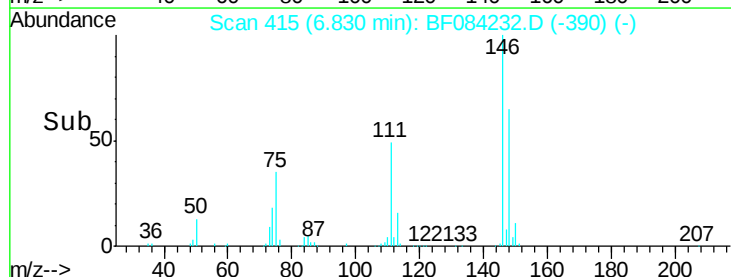
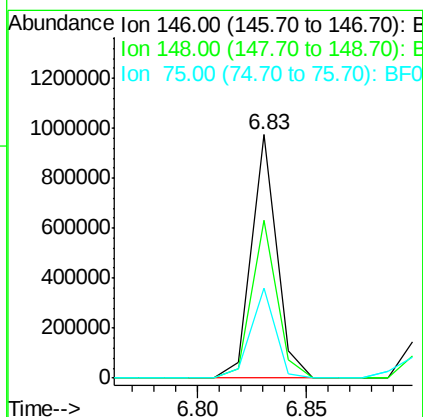
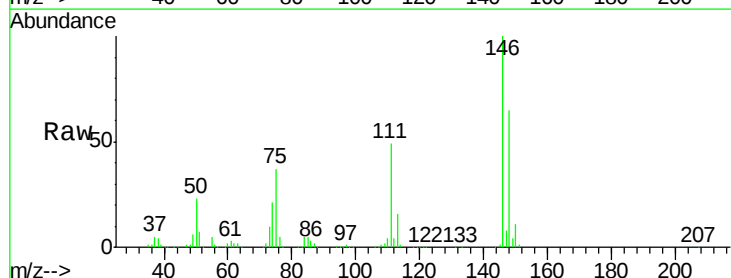
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

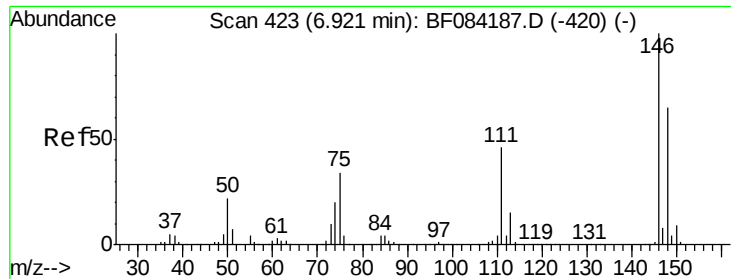
Tgt Ion: 93 Resp: 723379  
Ion Ratio Lower Upper  
93 100  
63 89.5 45.9 85.9#  
95 33.0 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 40.33 ng  
RT: 6.83 min Scan# 415  
Delta R.T. -0.01 min  
Lab File: BF084232.D  
Acq: 4 Jan 2016 11:52

Tgt Ion: 146 Resp: 784248  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.9 77.9  
75 36.8 20.5 30.7#

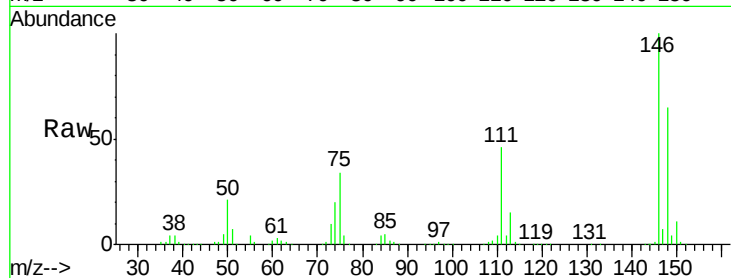




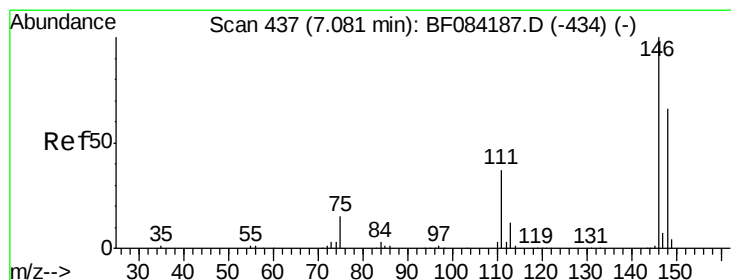
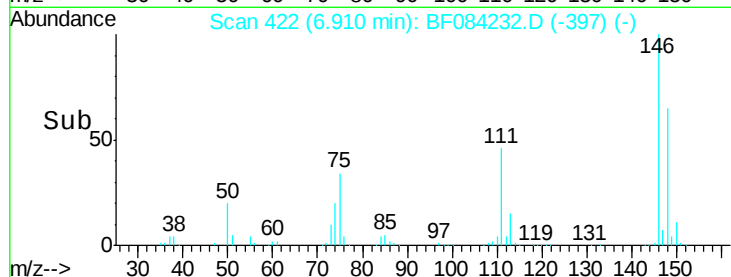
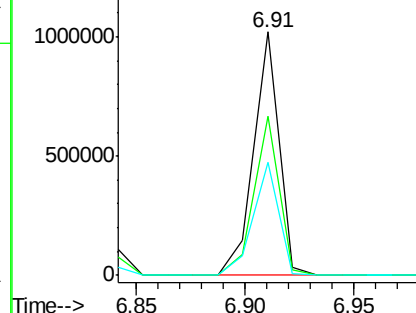
#13  
 1,4-Dichlorobenzene  
 Concen: 42.10 ng  
 RT: 6.91 min Scan# 422  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:146 Resp: 821010  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 51.9 77.9  
 111 46.3 41.6 62.4

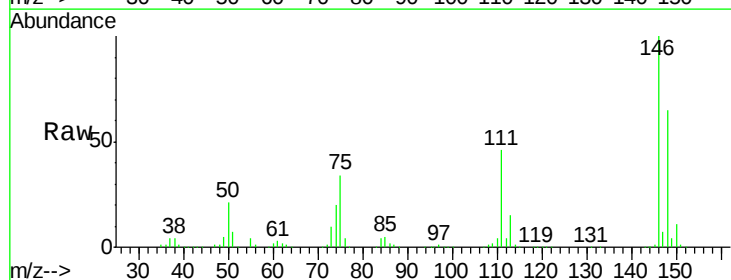


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

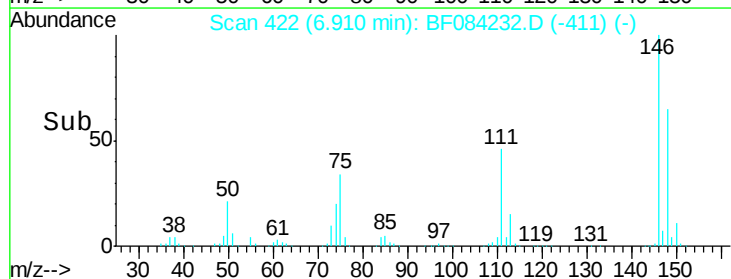
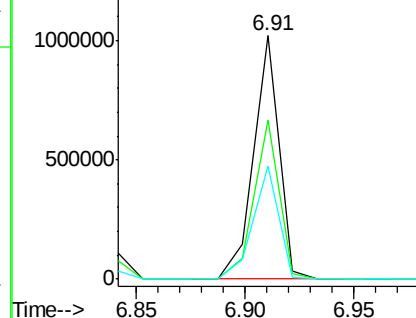


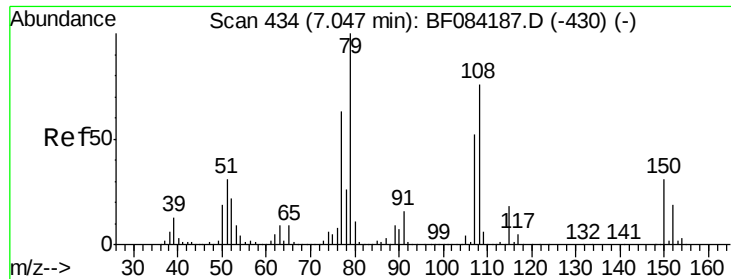
#14  
 1,2-Dichlorobenzene  
 Concen: 43.96 ng  
 RT: 6.91 min Scan# 422  
 Delta R.T. -0.17 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Tgt Ion:146 Resp: 821010  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 51.6 77.4  
 111 46.3 38.0 57.0



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: 38.88 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

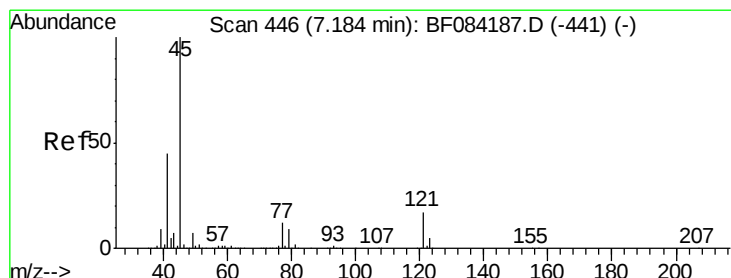
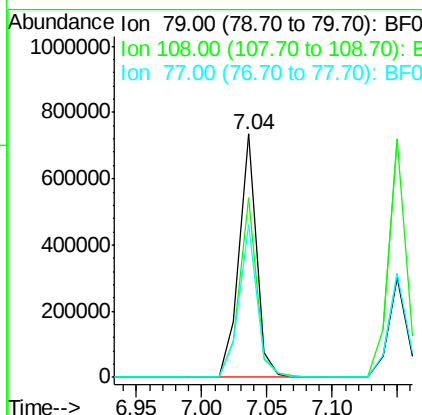
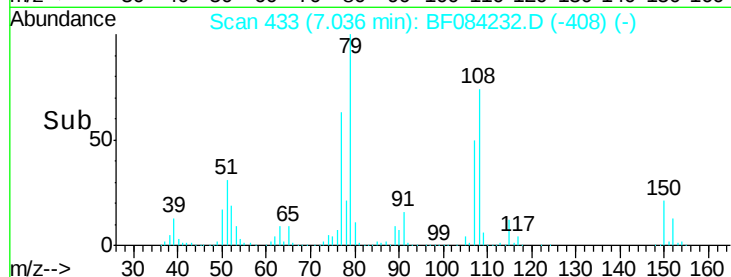
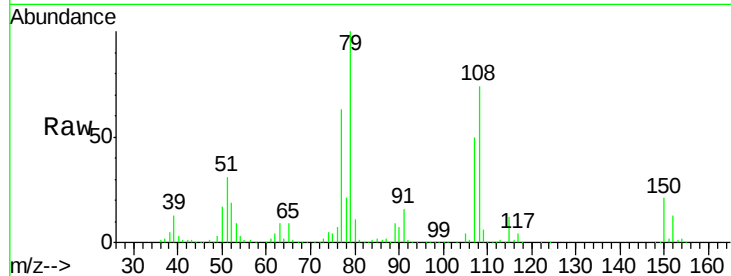
Tgt Ion: 79 Resp: 682639

Ion Ratio Lower Upper

79 100

108 73.6 69.0 103.4

77 62.5 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.22 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

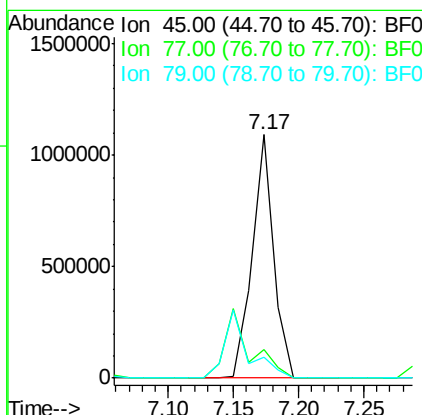
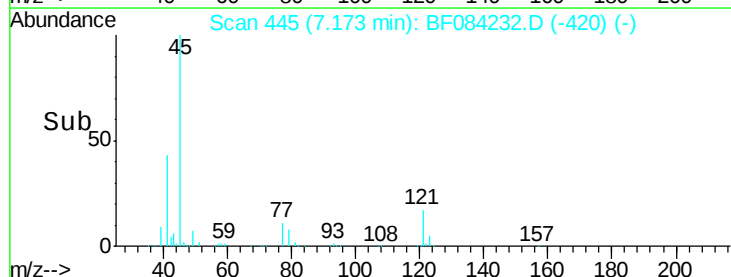
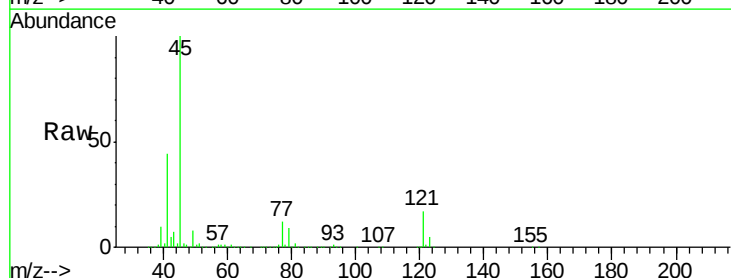
Tgt Ion: 45 Resp: 1245950

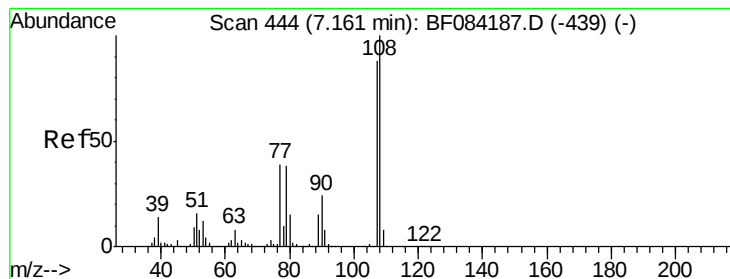
Ion Ratio Lower Upper

45 100

77 11.7 0.0 39.6

79 8.6 0.0 35.0





#17

2-Methylphenol

Concen: 37.47 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 591976

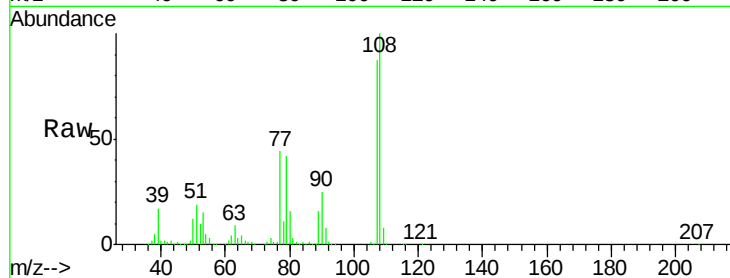
Ion Ratio Lower Upper

107 100

108 114.7 89.8 134.6

77 50.0 35.7 53.5

79 48.4 35.7 53.5

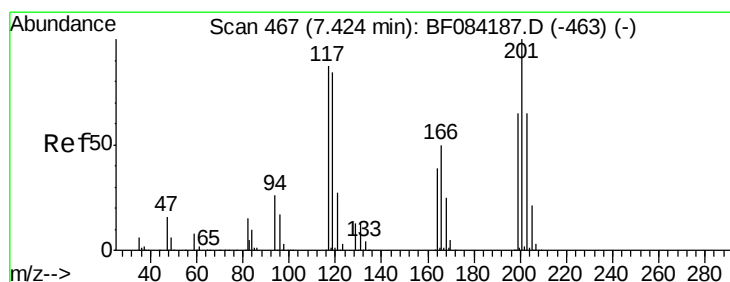
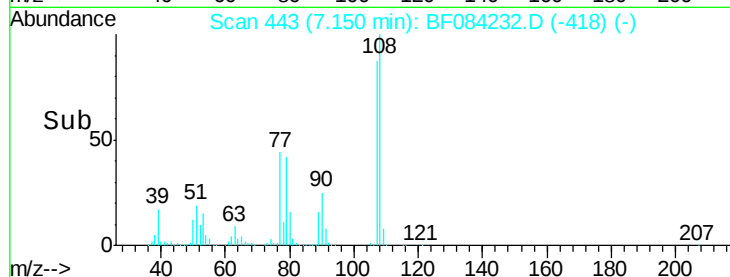
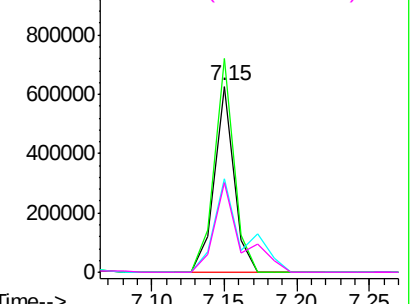


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.26 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

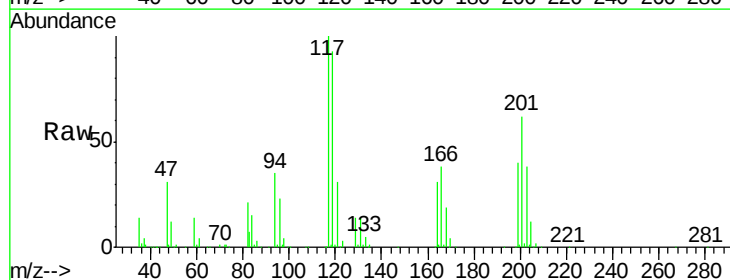
Tgt Ion:117 Resp: 313977

Ion Ratio Lower Upper

117 100

119 93.3 77.4 116.0

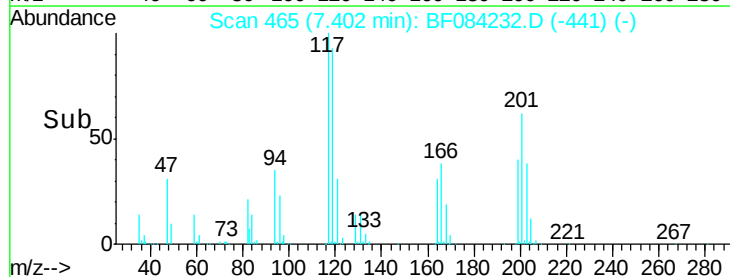
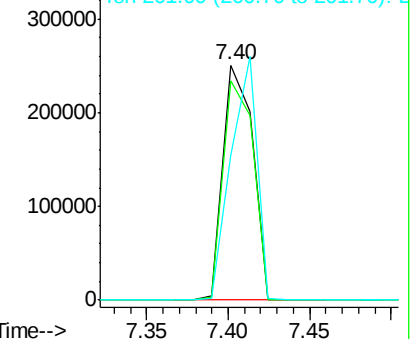
201 61.6 68.6 103.0#

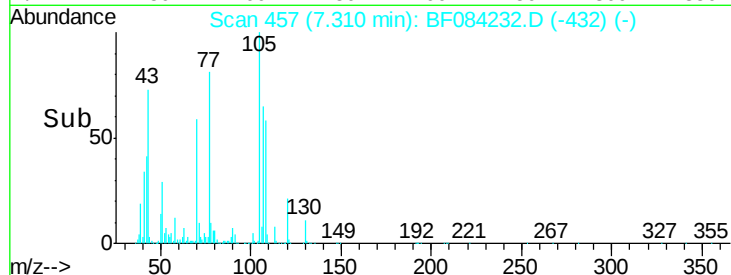
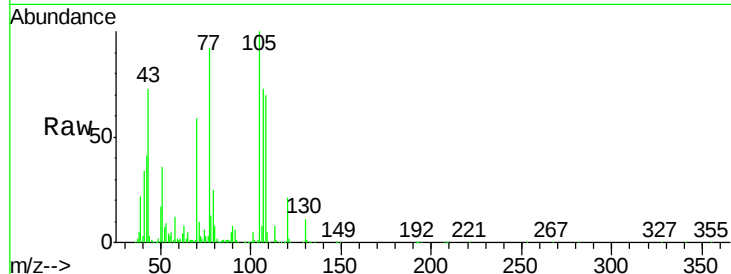
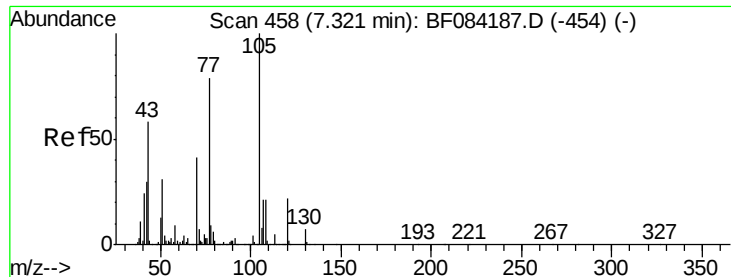


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

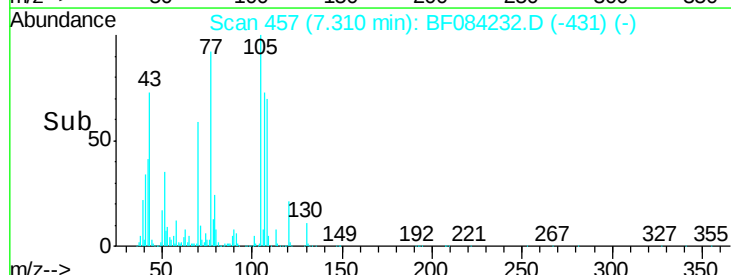
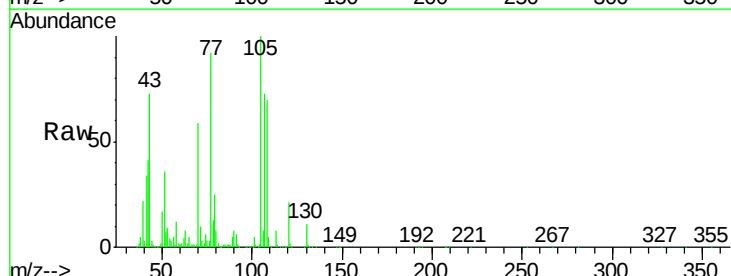
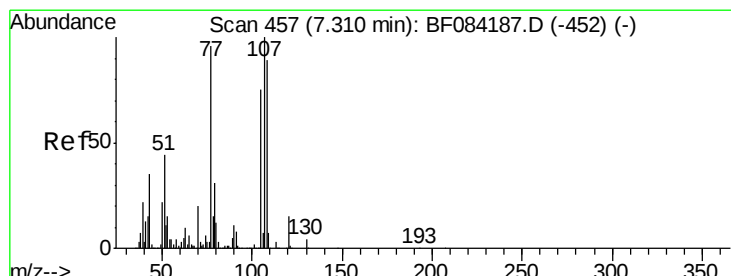
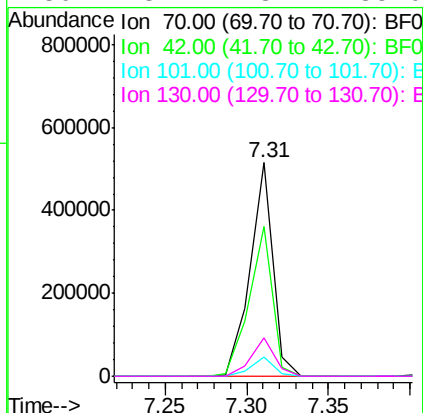




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.51 ng  
RT: 7.31 min Scan# 457  
Delta R.T. -0.01 min  
Lab File: BF084232.D  
Acq: 4 Jan 2016 11:52

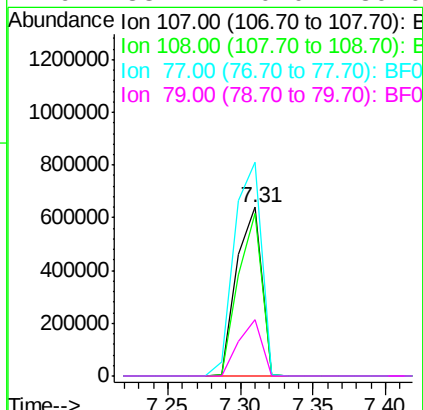
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

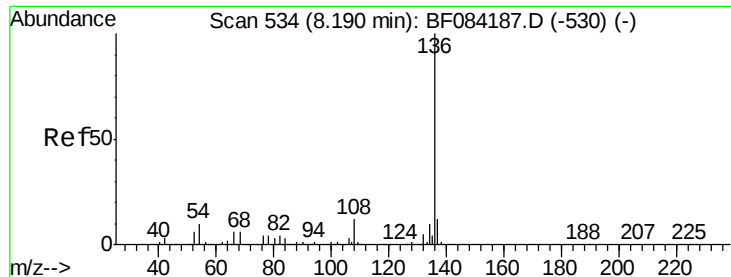
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 501601 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 69.9  | 33.3  | 49.9#  |
| 101      | 9.0   | 9.3   | 13.9#  |
| 130      | 18.2  | 23.4  | 35.0#  |



#20  
3+4-Methylphenols  
Concen: 41.10 ng  
RT: 7.31 min Scan# 457  
Delta R.T. 0.00 min  
Lab File: BF084232.D  
Acq: 4 Jan 2016 11:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 763366 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 96.5  | 74.6  | 114.6  |
| 77       | 126.5 | 0.7   | 40.7#  |
| 79       | 33.7  | 0.0   | 39.0   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1112889

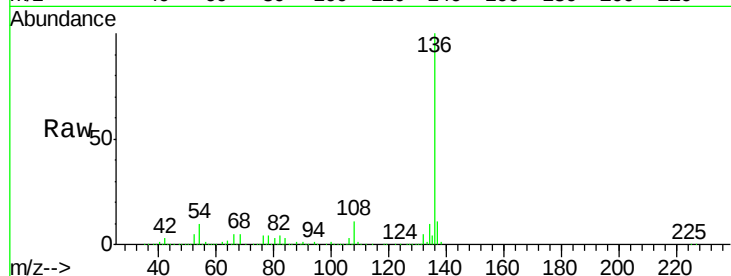
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.5 5.8 8.8#

68 5.2 4.2 6.2

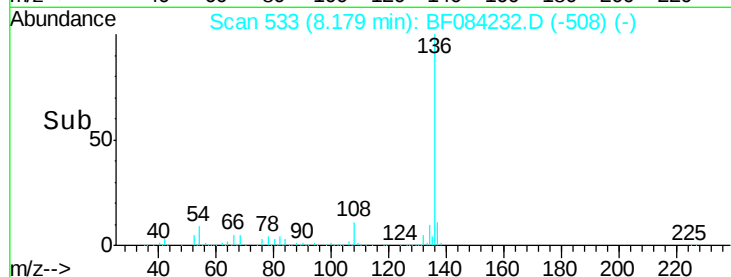


Abundance Ion 136.00 (135.70 to 136.70): E

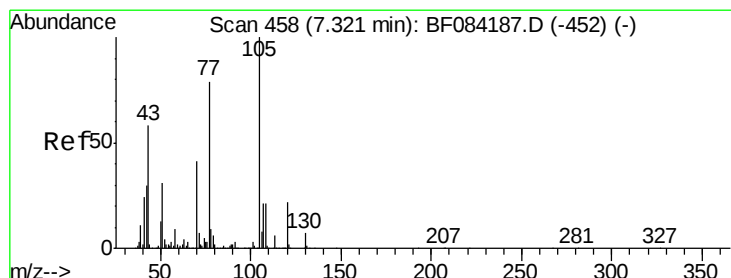
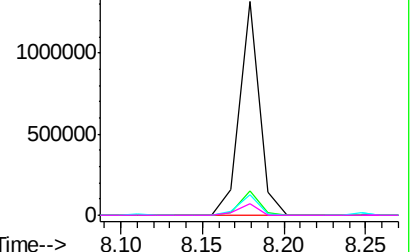
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.41 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Tgt Ion:105 Resp: 1081510

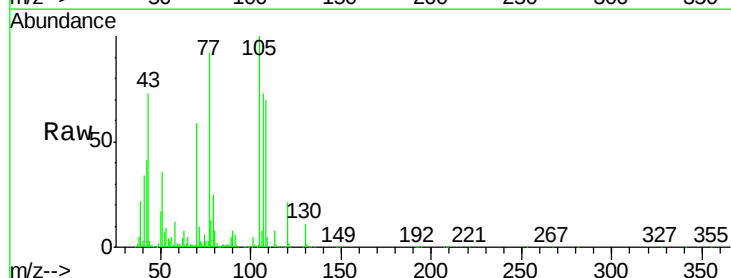
Ion Ratio Lower Upper

105 100

71 9.5 3.7 5.5#

51 35.7 25.1 37.7

120 20.9 16.6 25.0

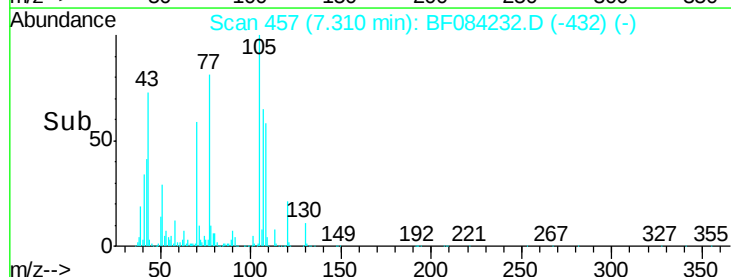


Abundance Ion 105.00 (104.70 to 105.70): E

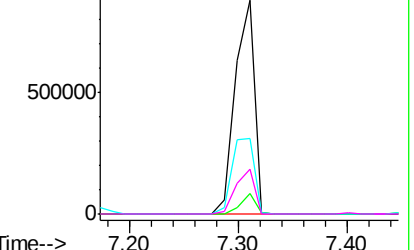
Ion 71.00 (70.70 to 71.70): BF0

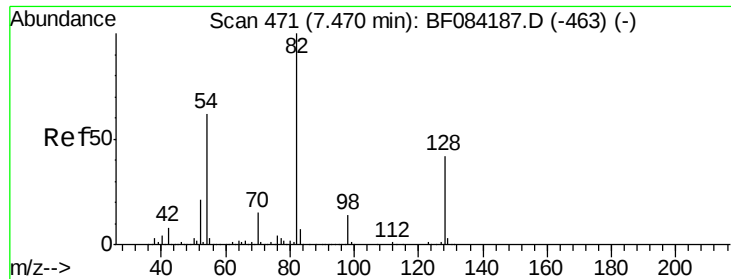
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

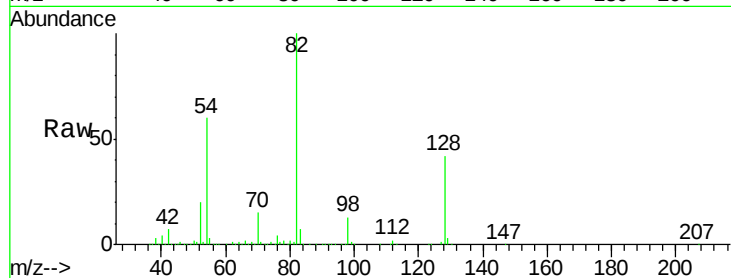




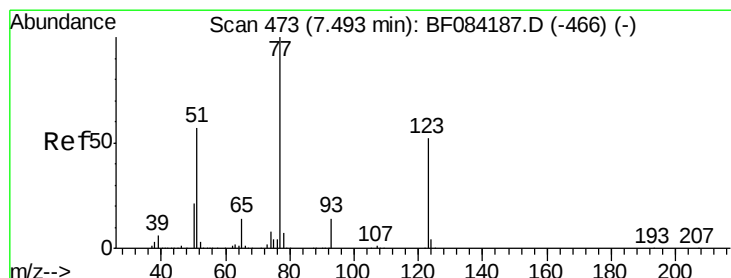
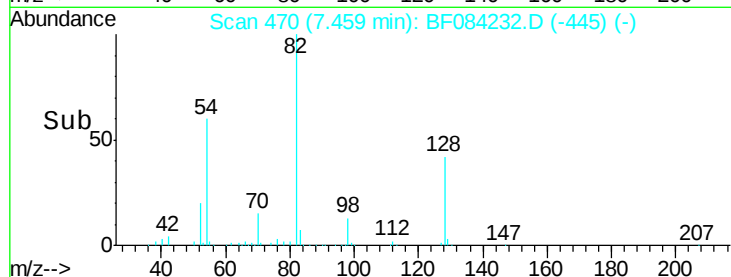
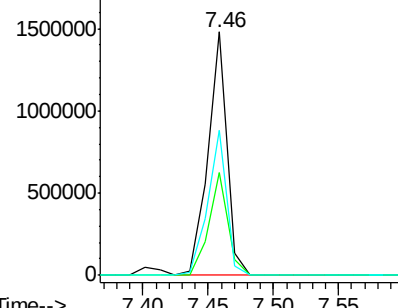
#23  
 Nitrobenzene-d5  
 Concen: 75.34 ng  
 RT: 7.46 min Scan# 470  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 82 Resp: 1506434  
 Ion Ratio Lower Upper  
 82 100  
 128 42.3 34.6 51.8  
 54 59.7 38.4 57.6#

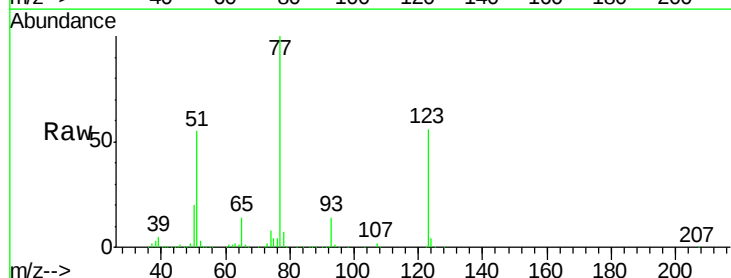


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

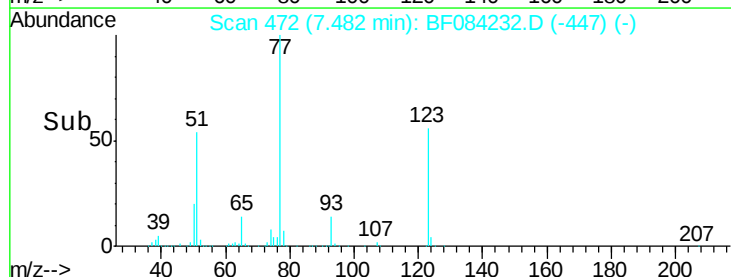
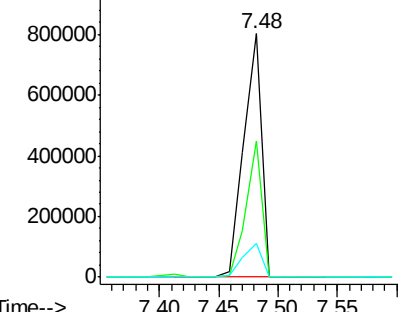


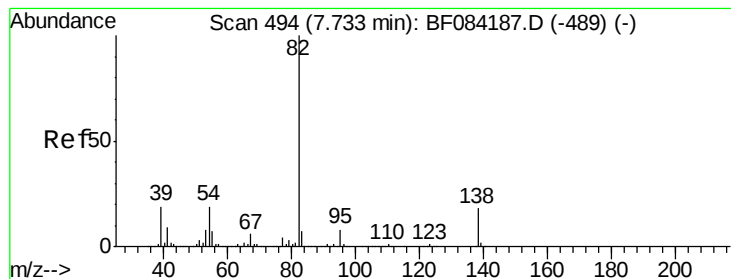
#24  
 Nitrobenzene  
 Concen: 41.87 ng  
 RT: 7.48 min Scan# 472  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Tgt Ion: 77 Resp: 849254  
 Ion Ratio Lower Upper  
 77 100  
 123 55.9 37.4 56.2  
 65 14.0 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): B  
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.72 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

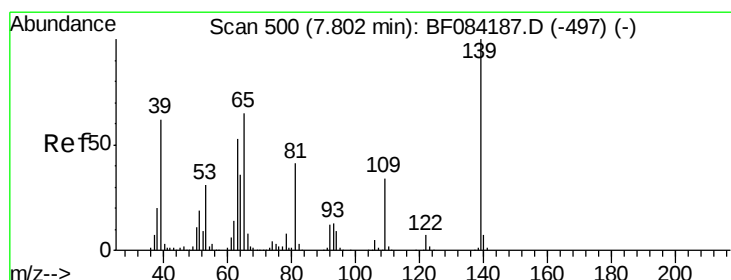
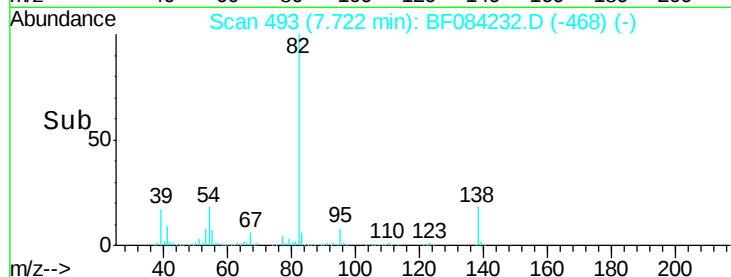
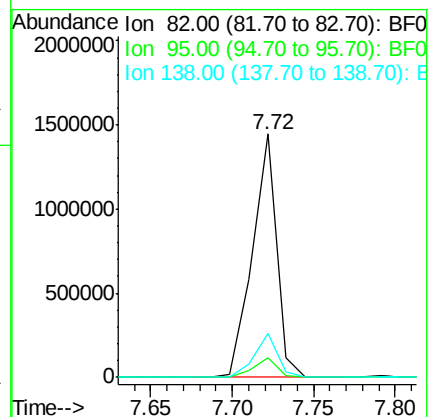
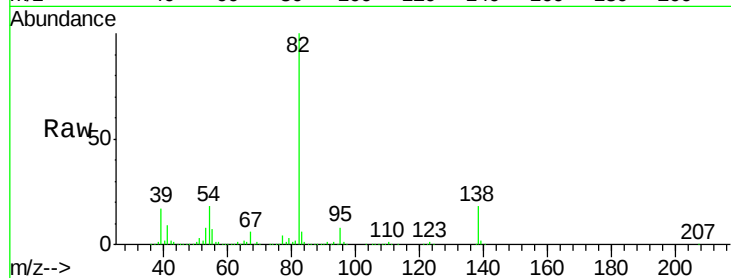
Tgt Ion: 82 Resp: 1480744

Ion Ratio Lower Upper

82 100

95 7.8 6.6 10.0

138 17.8 13.6 20.4



#26

2-Nitrophenol

Concen: 39.15 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

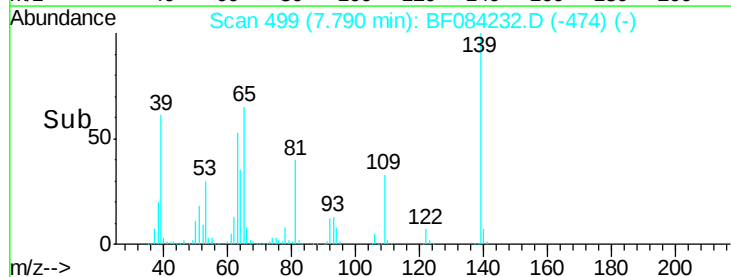
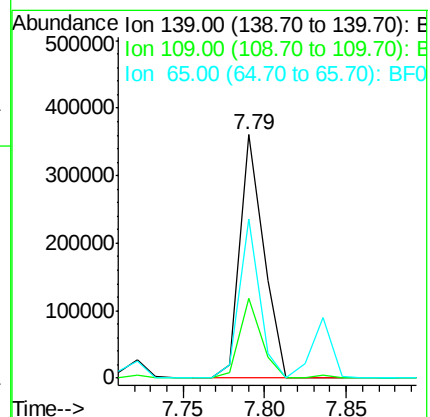
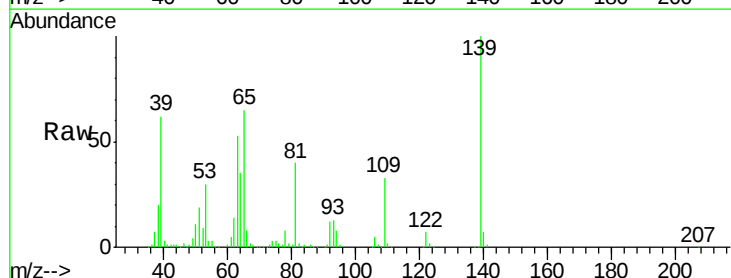
Tgt Ion: 139 Resp: 361353

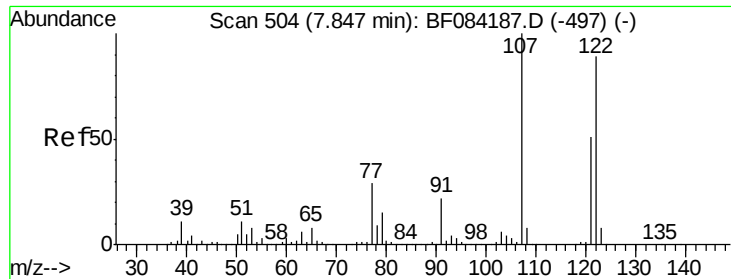
Ion Ratio Lower Upper

139 100

109 32.9 25.4 38.2

65 65.1 32.3 48.5#

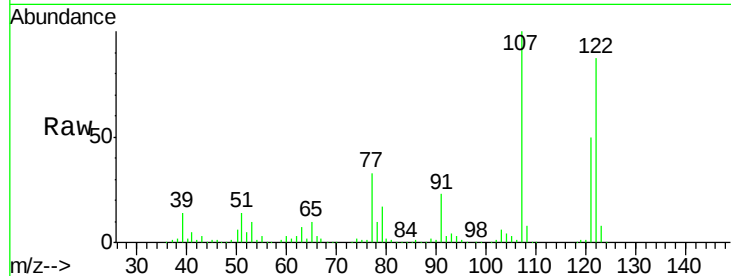




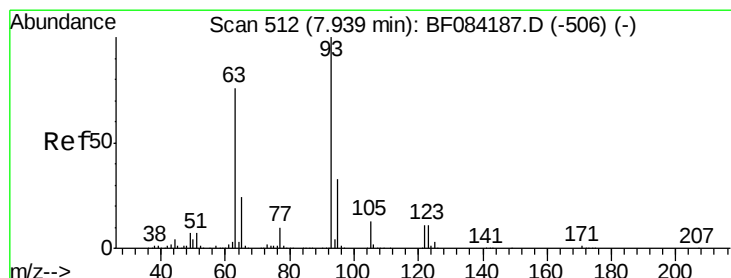
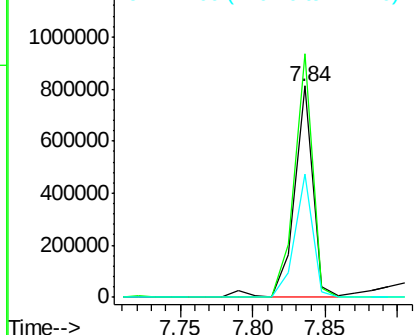
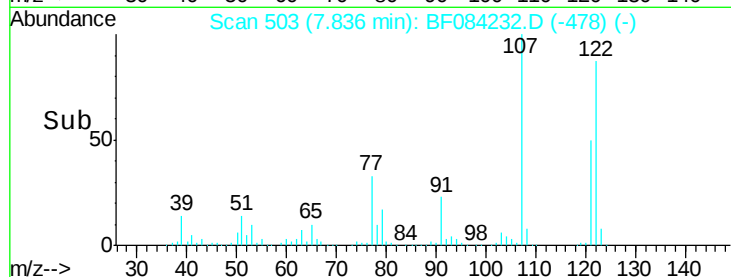
#27  
 2,4-Dimethylphenol  
 Concen: 38.92 ng  
 RT: 7.84 min Scan# 503  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 122 Resp: 727140  
 Ion Ratio Lower Upper  
 122 100  
 107 115.4 99.1 148.7  
 121 58.1 47.9 71.9

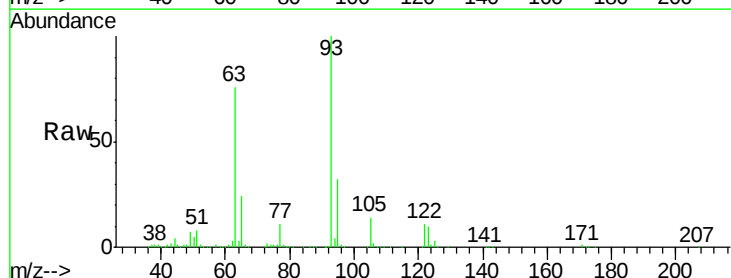


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

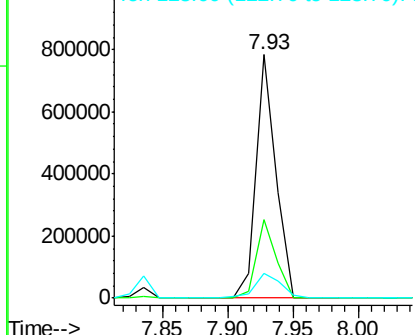
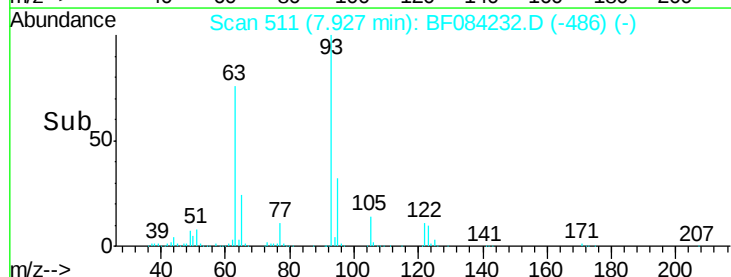


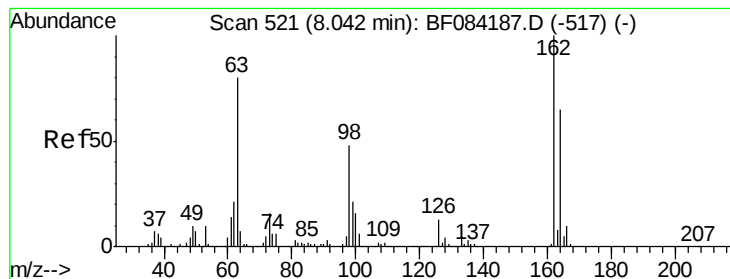
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 35.40 ng  
 RT: 7.93 min Scan# 511  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Tgt Ion: 93 Resp: 826922  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 25.8 38.6  
 123 10.4 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0  
 Ion 95.00 (94.70 to 95.70): BF0  
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.92 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

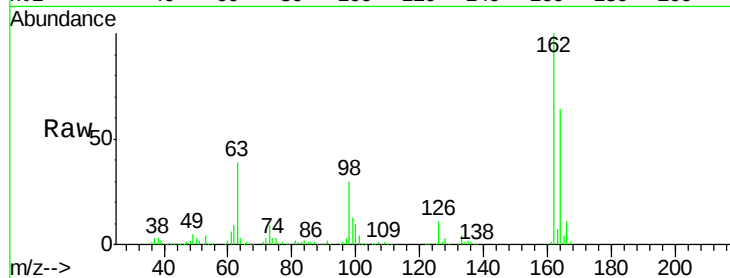
Tgt Ion:162 Resp: 621309

Ion Ratio Lower Upper

162 100

164 64.2 44.1 84.1

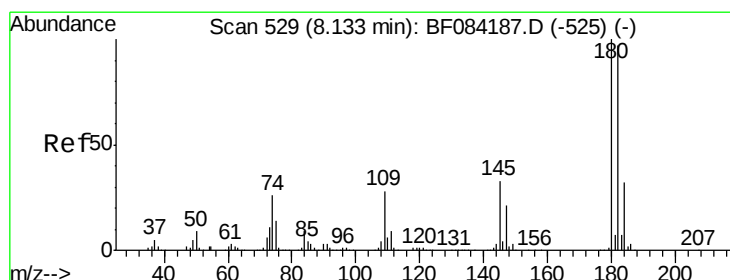
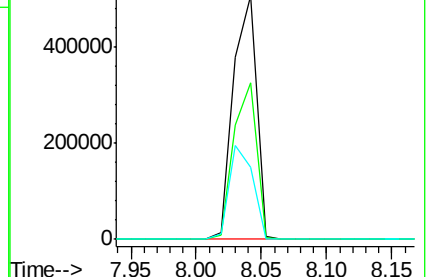
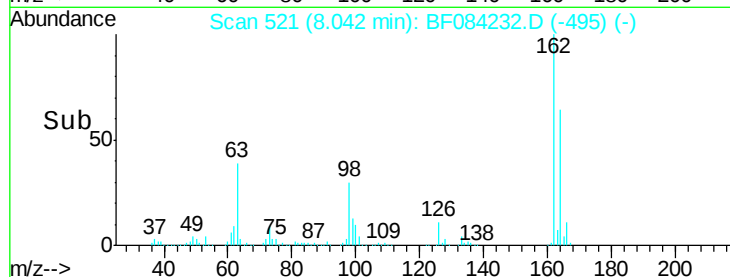
98 29.6 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.66 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

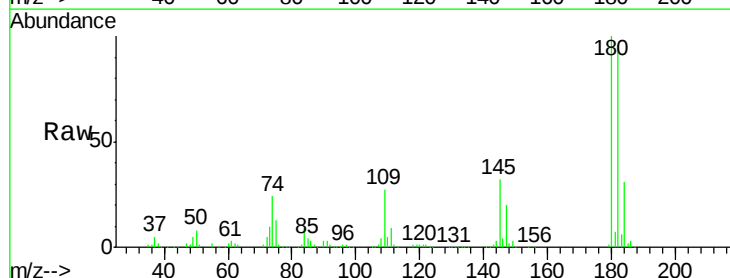
Tgt Ion:180 Resp: 669296

Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

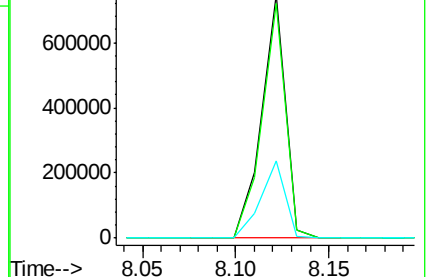
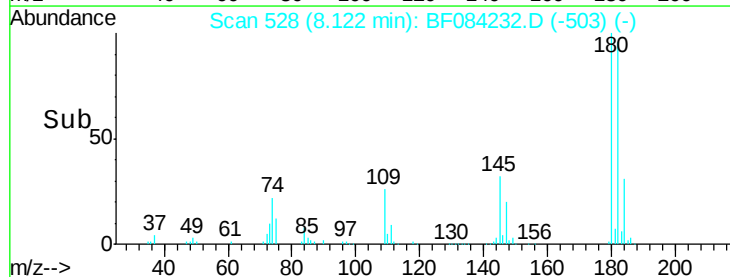
145 31.7 31.6 47.4

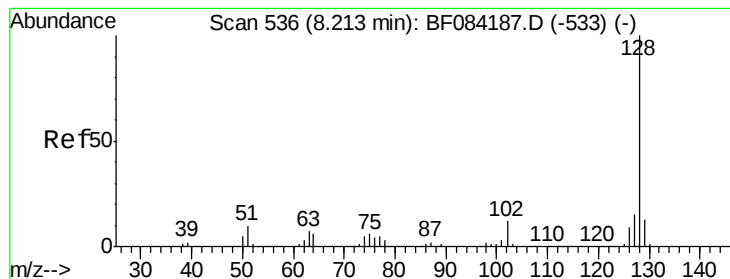


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.75 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

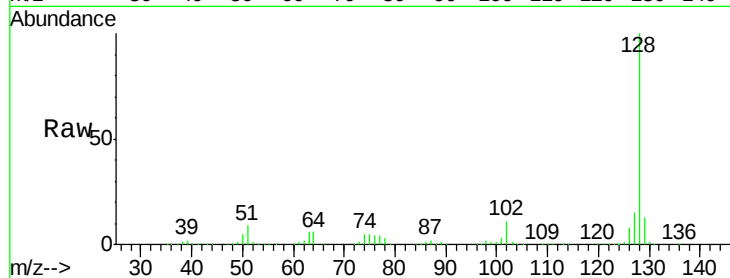
Tgt Ion:128 Resp: 2057531

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

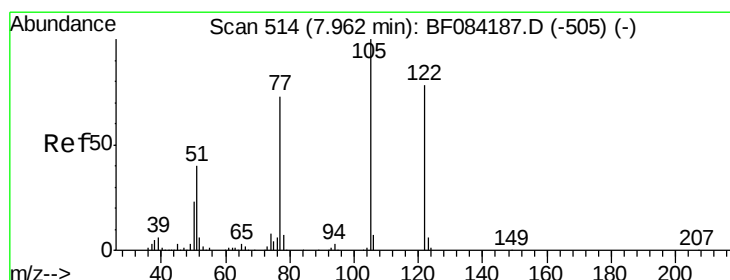
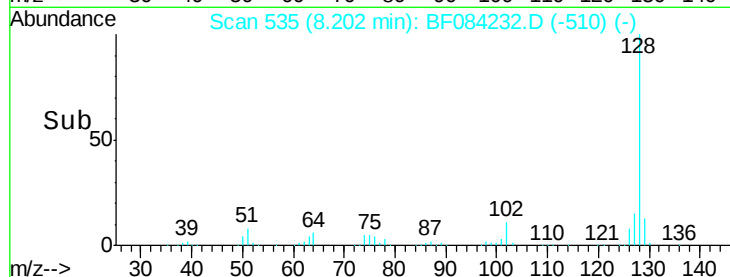
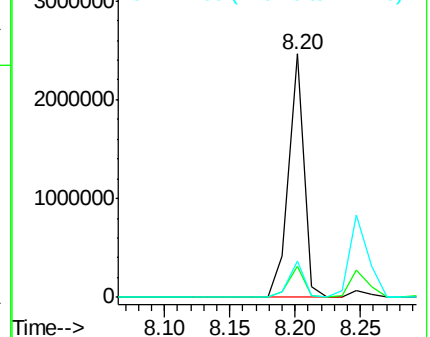
127 14.6 11.1 16.7



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: 35.63 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

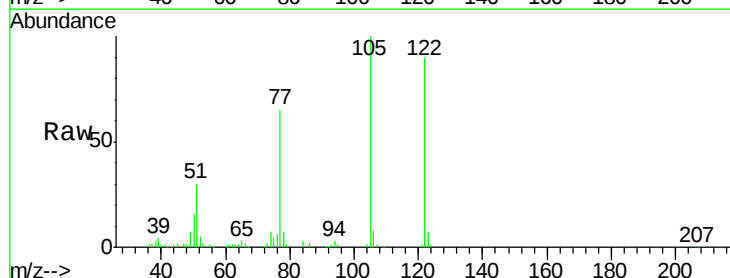
Tgt Ion:122 Resp: 406034

Ion Ratio Lower Upper

122 100

105 111.6 100.3 140.3

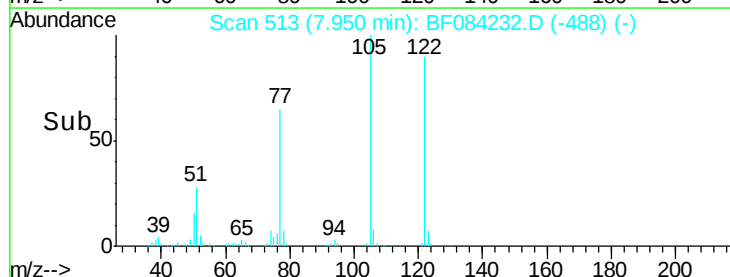
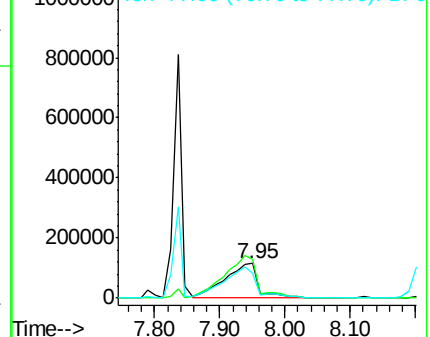
77 72.0 63.5 103.5

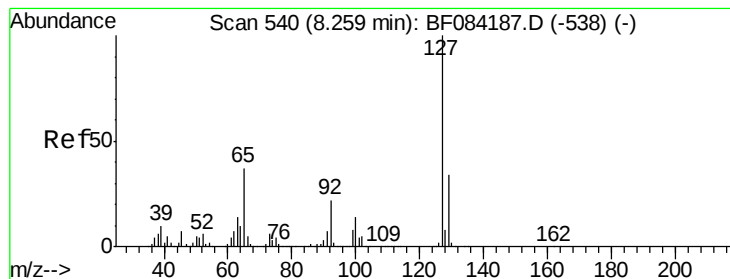


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.44 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 843481

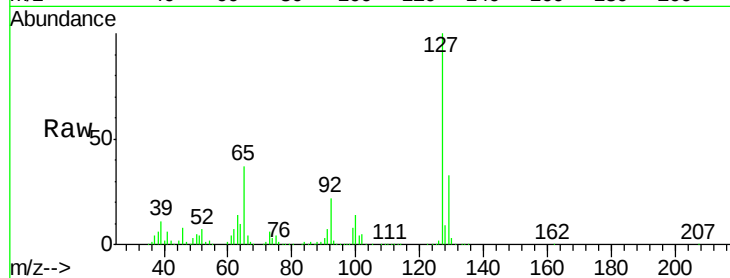
Ion Ratio Lower Upper

127 100

129 33.1 26.5 39.7

65 37.3 27.2 40.8

92 21.5 17.7 26.5

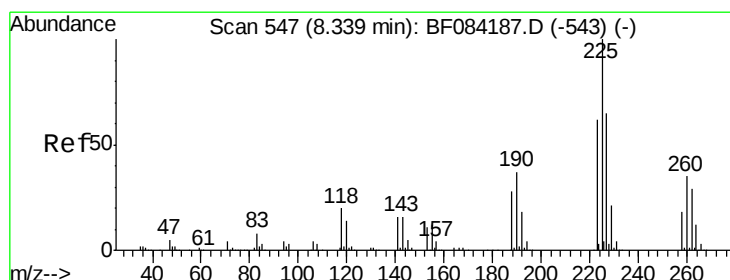
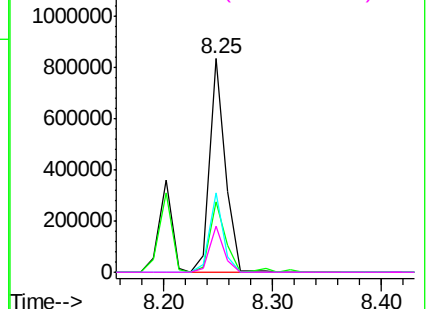
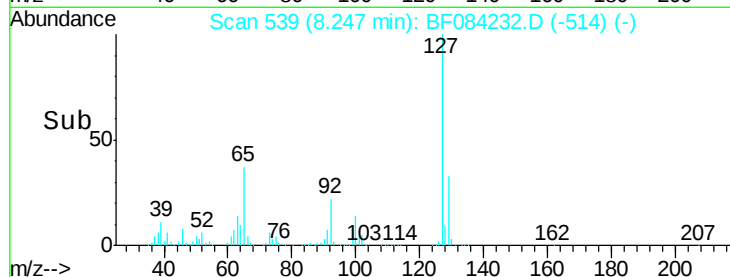


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.65 ng

RT: 8.32 min Scan# 545

Delta R.T. -0.02 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

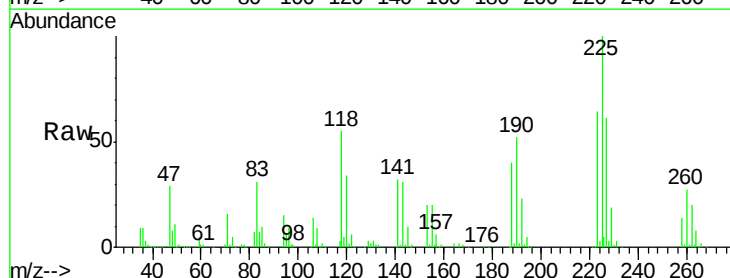
Tgt Ion:225 Resp: 356975

Ion Ratio Lower Upper

225 100

223 64.4 49.4 74.0

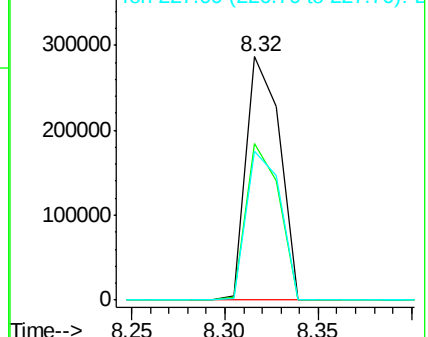
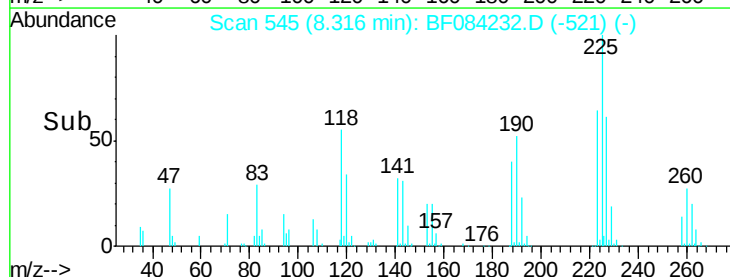
227 61.4 50.8 76.2

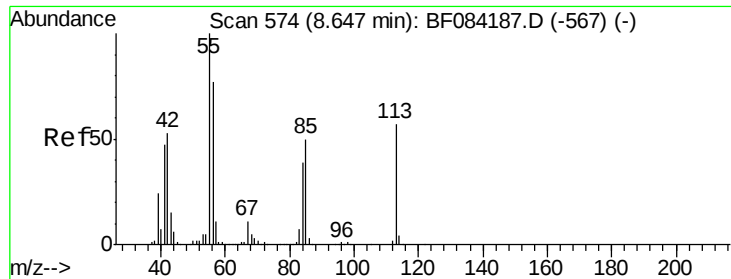


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

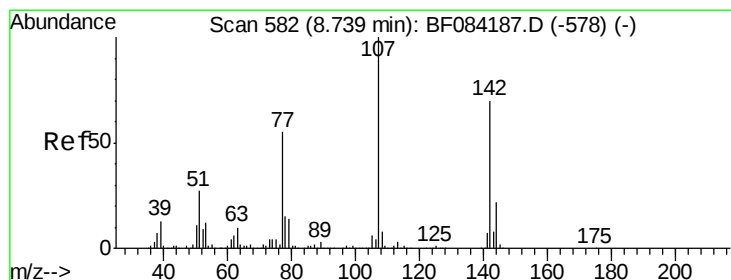
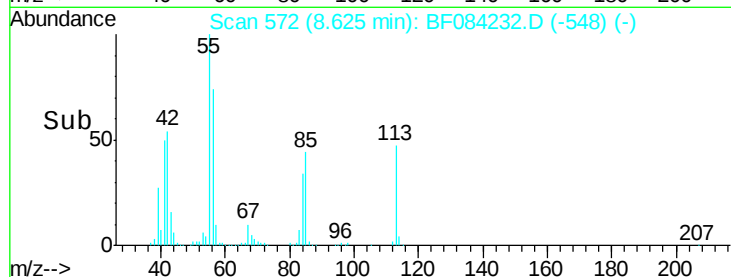
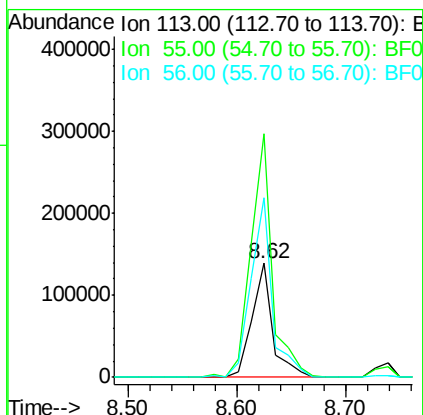
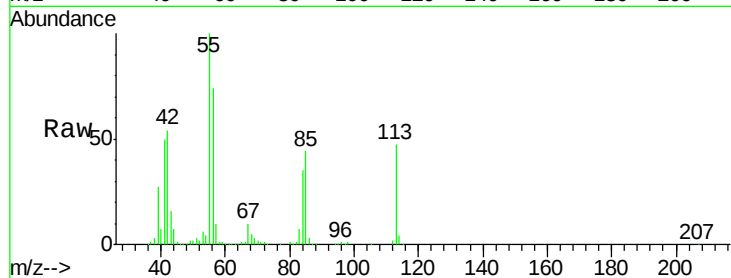




#35  
 Caprolactam  
 Concen: 35.24 ng  
 RT: 8.62 min Scan# 572  
 Delta R.T. -0.02 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

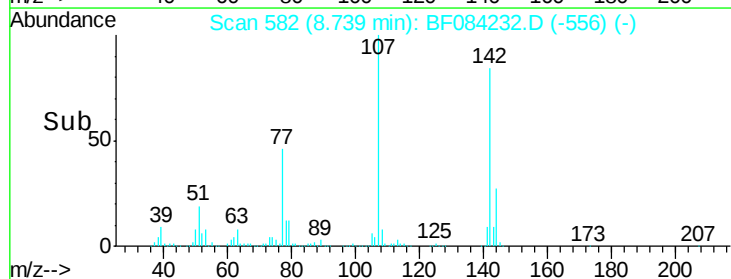
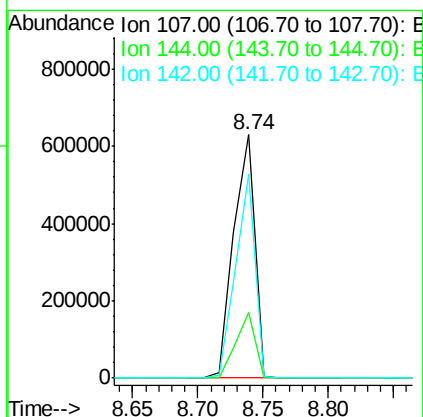
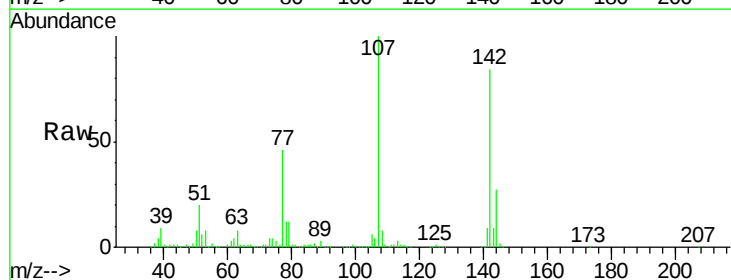
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

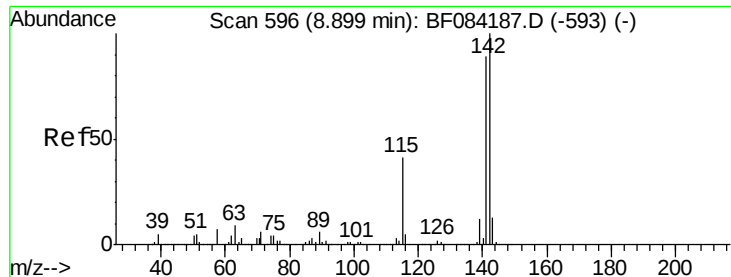
Tgt Ion:113 Resp: 184900  
 Ion Ratio Lower Upper  
 113 100  
 55 213.8 116.9 156.9#  
 56 157.8 93.8 133.8#



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.57 ng  
 RT: 8.74 min Scan# 582  
 Delta R.T. 0.00 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Tgt Ion:107 Resp: 707329  
 Ion Ratio Lower Upper  
 107 100  
 144 26.7 19.7 29.5  
 142 83.8 61.8 92.6

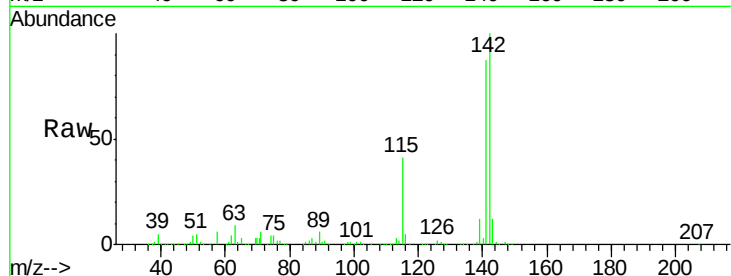




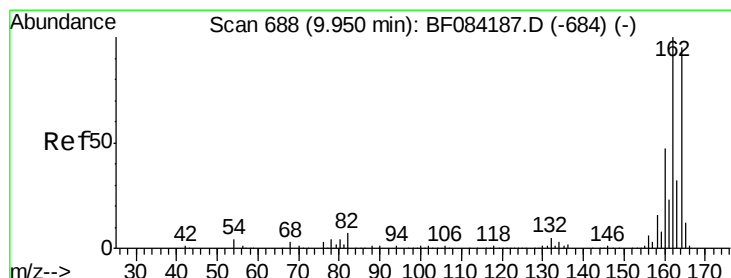
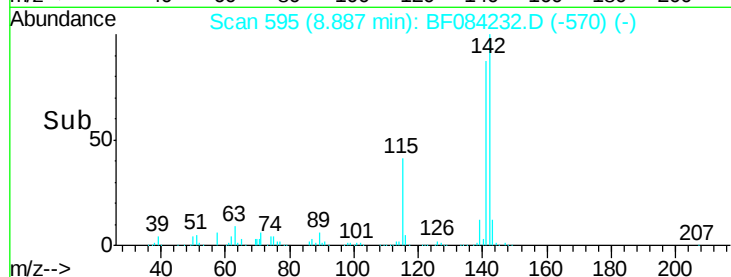
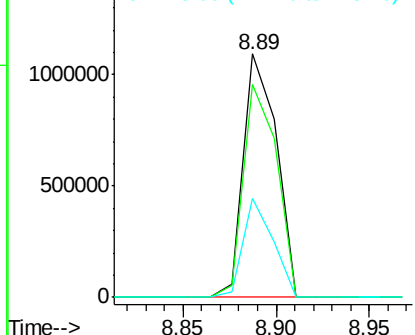
#37  
 2-Methylnaphthalene  
 Concen: 37.07 ng  
 RT: 8.89 min Scan# 595  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:142 Resp: 1343746  
 Ion Ratio Lower Upper  
 142 100  
 141 87.3 72.4 108.6  
 115 40.6 27.9 41.9

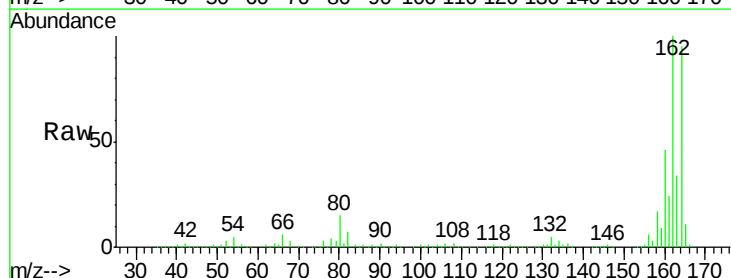


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

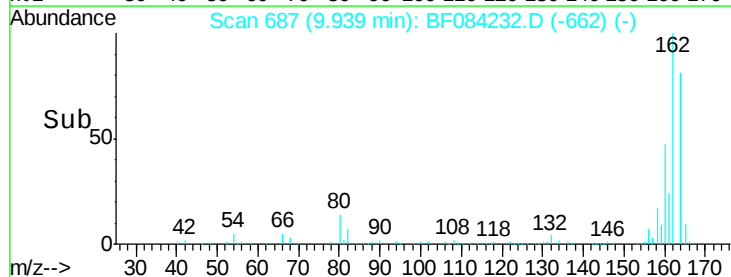
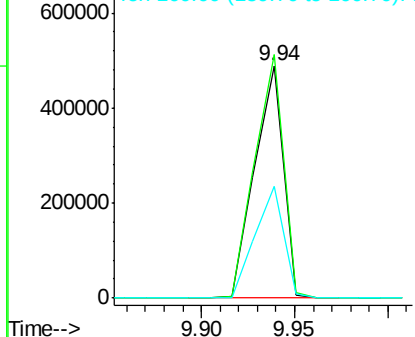


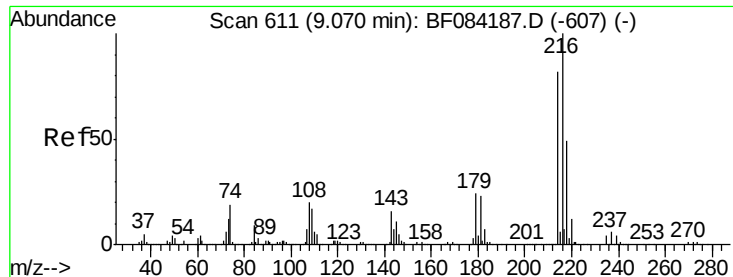
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.94 min Scan# 687  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Tgt Ion:164 Resp: 518020  
 Ion Ratio Lower Upper  
 164 100  
 162 104.7 85.1 127.7  
 160 48.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

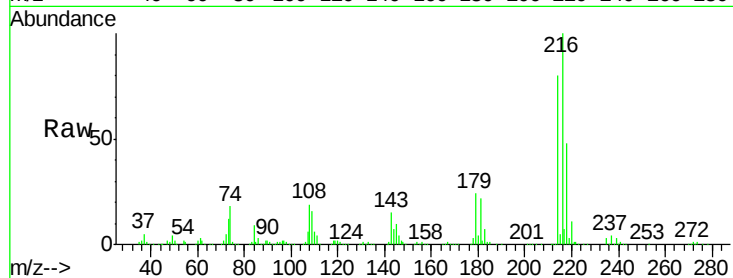




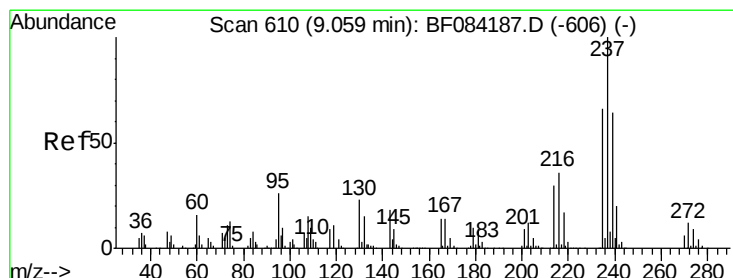
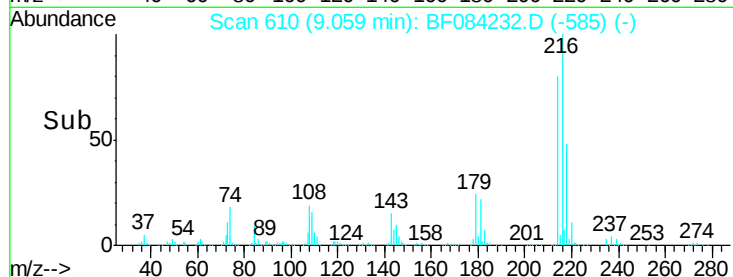
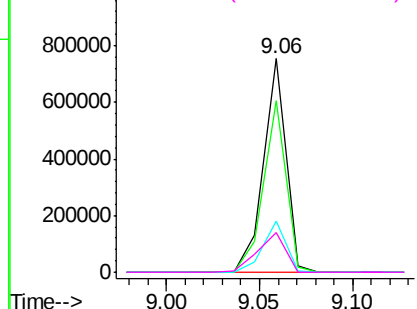
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.91 ng  
 RT: 9.06 min Scan# 610  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 624134 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.8  | 64.2  | 96.2   |
| 179      | 24.3  | 18.7  | 28.1   |
| 108      | 23.0  | 16.8  | 25.2   |

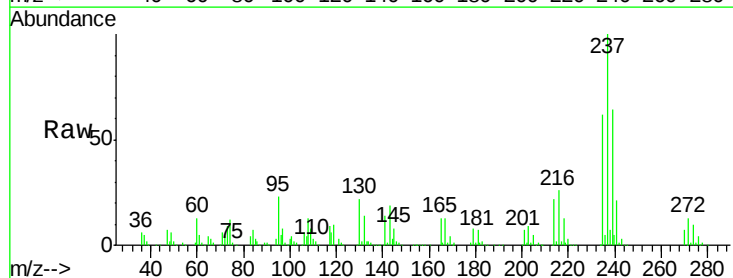


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

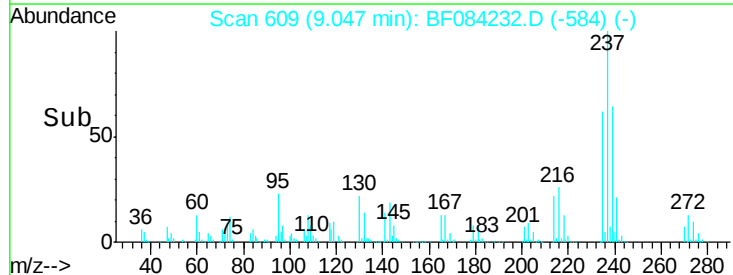
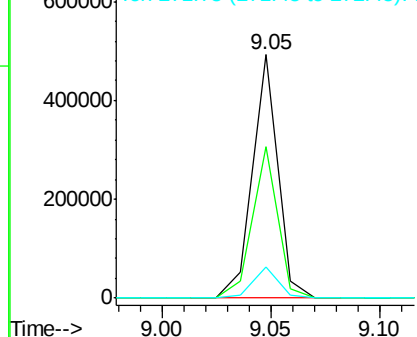


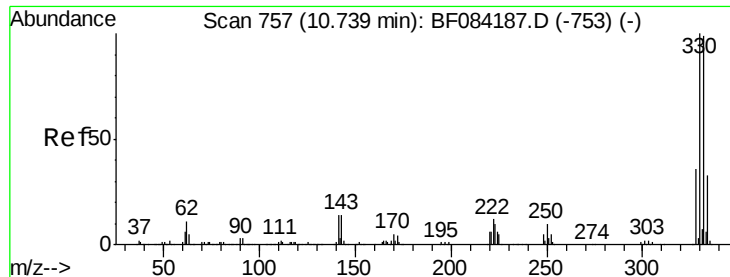
#40  
 Hexachlorocyclopentadiene  
 Concen: 44.08 ng  
 RT: 9.05 min Scan# 609  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 396288 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 62.0  | 43.1  | 83.1   |
| 272      | 12.6  | 0.0   | 35.1   |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E

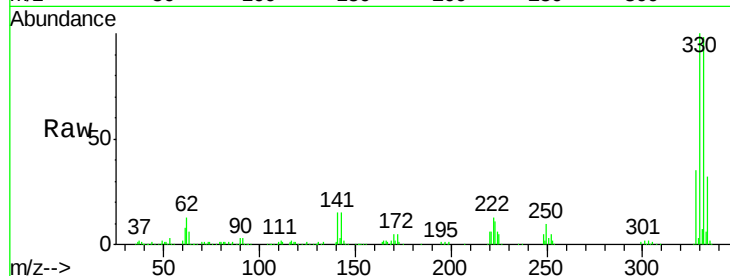




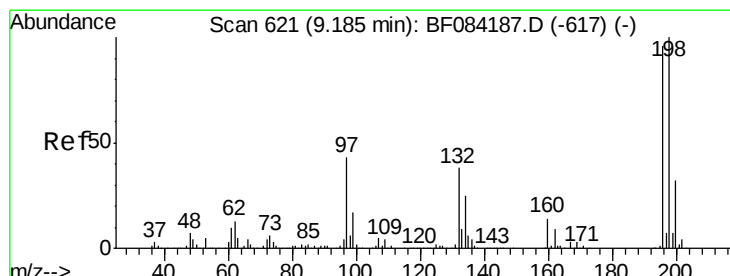
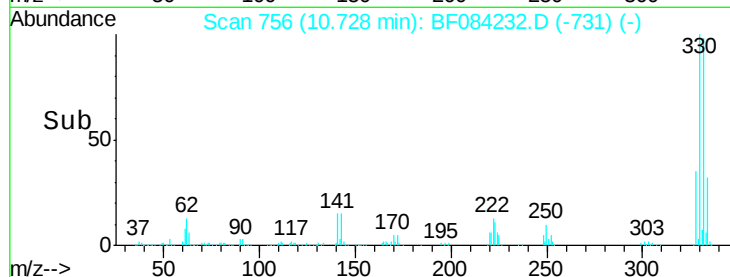
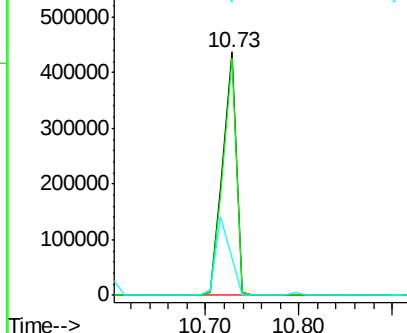
#41  
 2,4,6-Tribromophenol  
 Concen: 84.14 ng  
 RT: 10.73 min Scan# 756  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:330 Resp: 440054  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 76.6 114.8  
 141 34.1 27.8 41.6

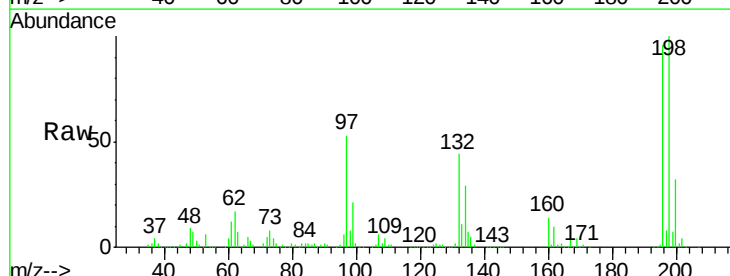


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

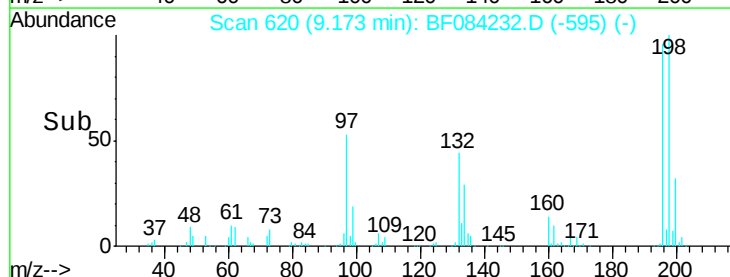
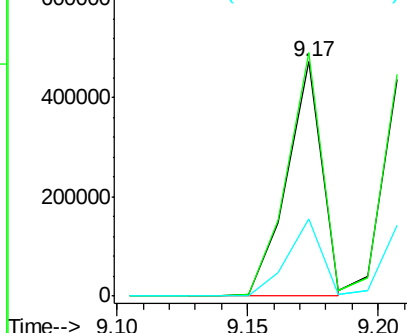


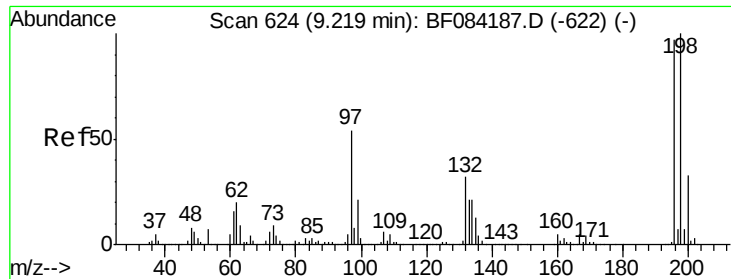
#42  
 2,4,6-Trichlorophenol  
 Concen: 39.05 ng  
 RT: 9.17 min Scan# 620  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Tgt Ion:196 Resp: 435054  
 Ion Ratio Lower Upper  
 196 100  
 198 104.0 77.7 116.5  
 200 33.2 24.6 37.0



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

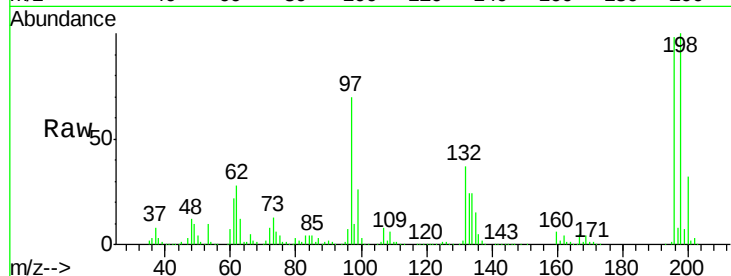




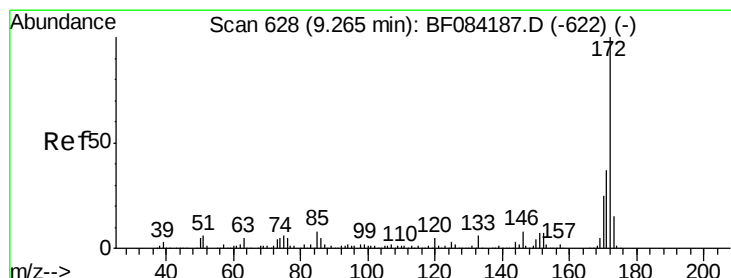
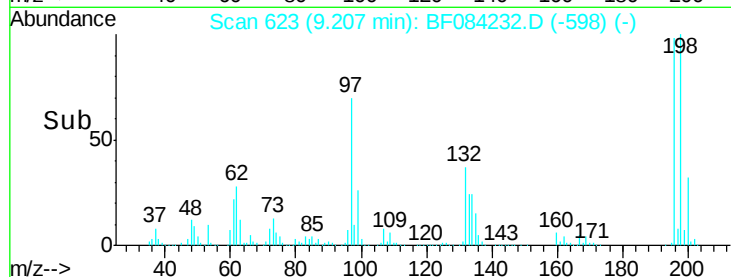
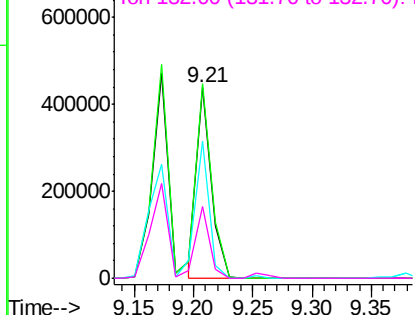
#43  
 2,4,5-Trichlorophenol  
 Concen: 36.30 ng  
 RT: 9.21 min Scan# 623  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:196 Resp: 387762  
 Ion Ratio Lower Upper  
 196 100  
 198 102.4 79.0 118.6  
 97 71.8 33.0 49.6#  
 132 37.9 21.1 31.7#

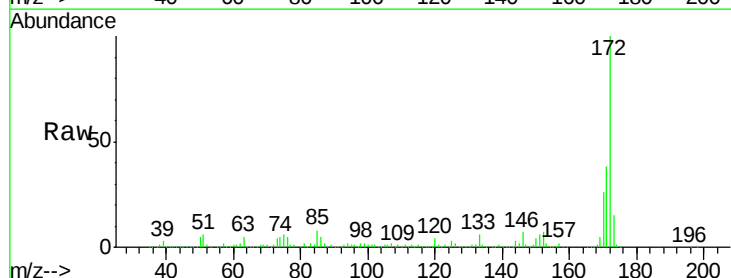


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

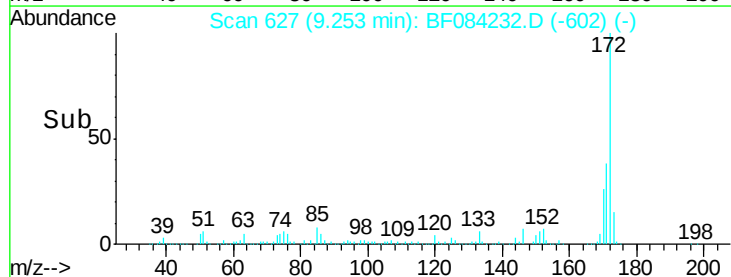
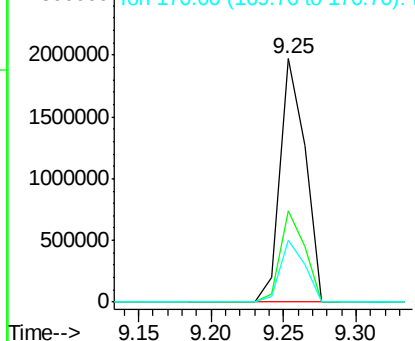


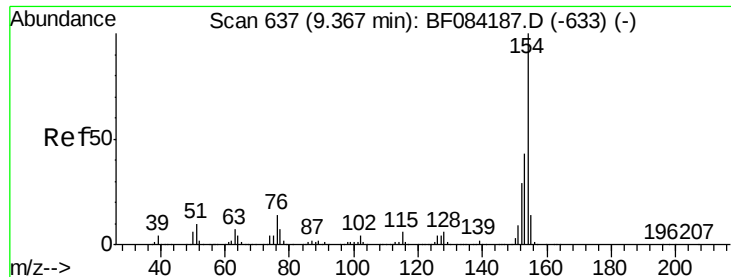
#44  
 2-Fluorobiphenyl  
 Concen: 79.79 ng  
 RT: 9.25 min Scan# 627  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Tgt Ion:172 Resp: 2360951  
 Ion Ratio Lower Upper  
 172 100  
 171 37.7 28.9 43.3  
 170 25.7 18.6 27.8



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: 38.64 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

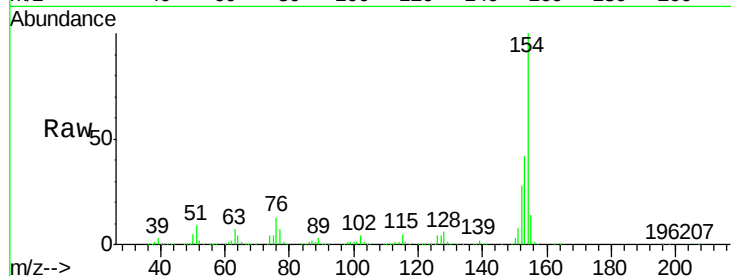
Tgt Ion:154 Resp: 1590889

Ion Ratio Lower Upper

154 100

153 41.9 21.6 61.6

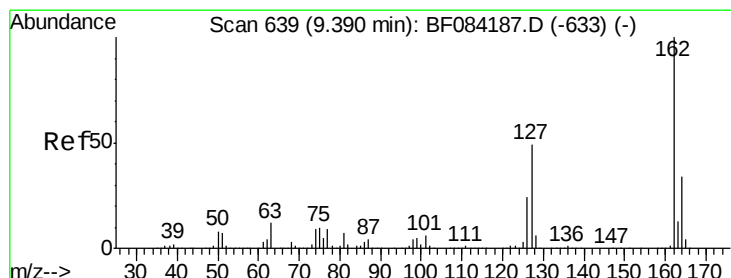
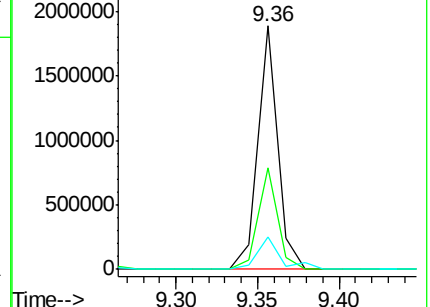
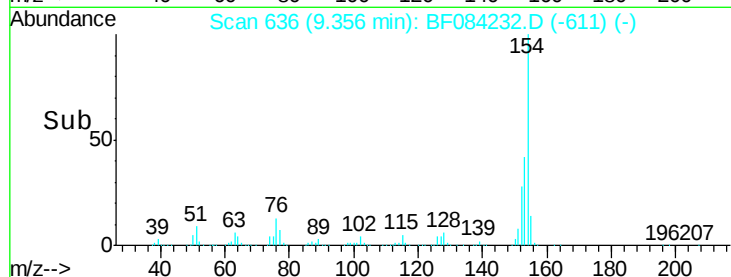
76 13.5 0.0 32.7



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: 36.87 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

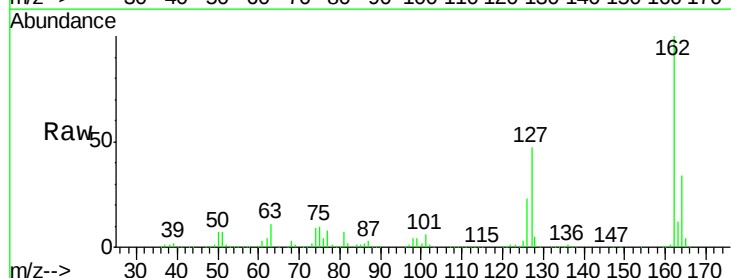
Tgt Ion:162 Resp: 1192460

Ion Ratio Lower Upper

162 100

127 47.2 40.2 60.4

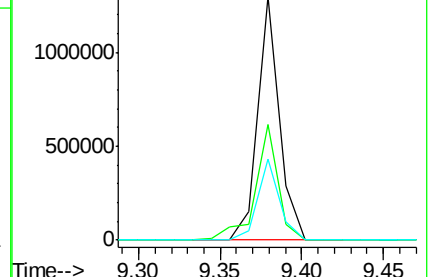
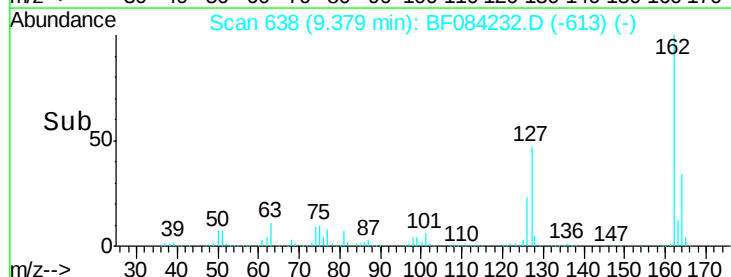
164 33.5 25.7 38.5

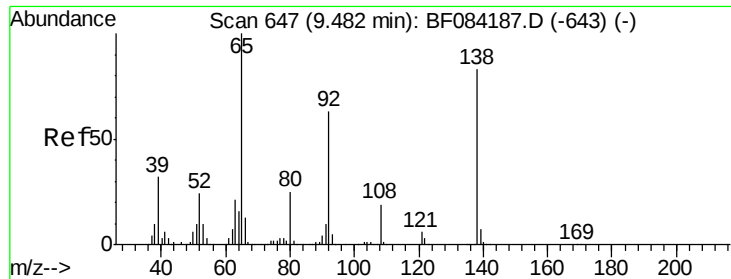


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.70 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

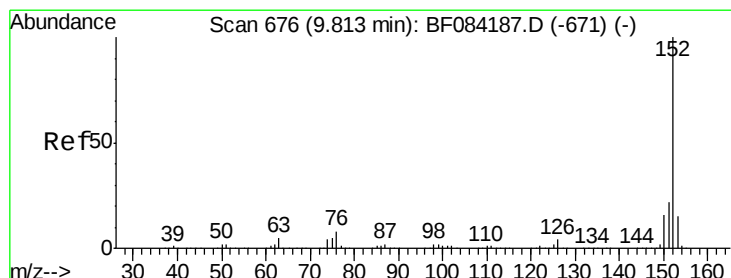
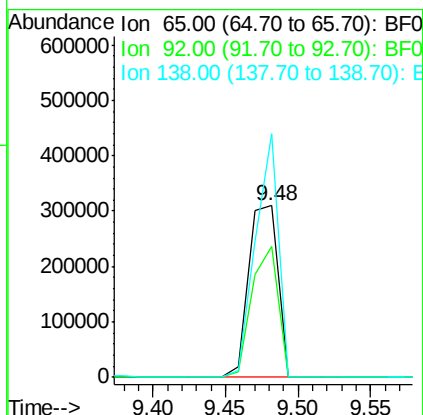
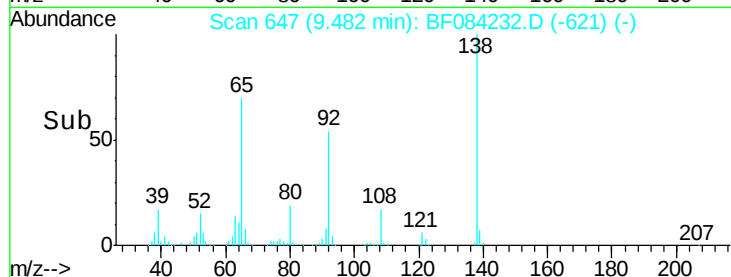
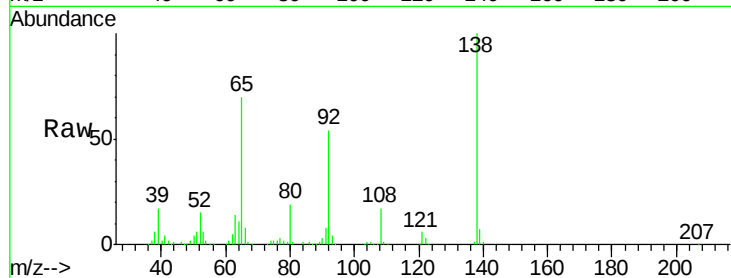
Tgt Ion: 65 Resp: 434442

Ion Ratio Lower Upper

65 100

92 76.5 53.4 80.2

138 142.0 71.1 106.7#



#48

Acenaphthylene

Concen: 40.26 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

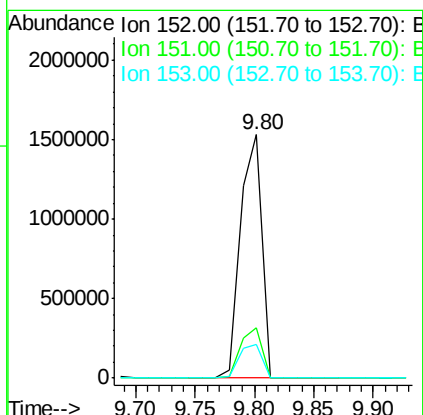
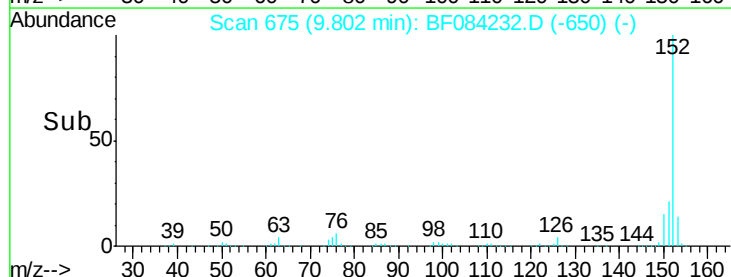
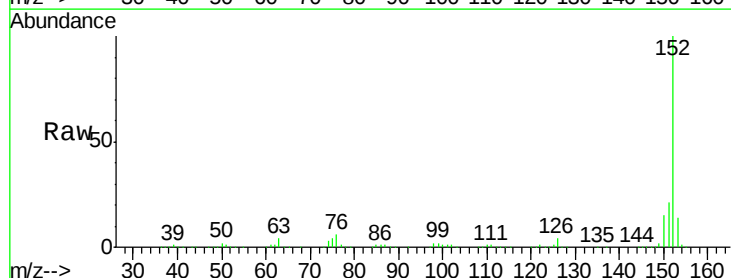
Tgt Ion: 152 Resp: 1923322

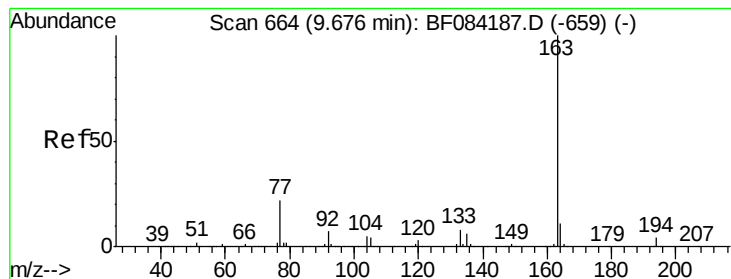
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 14.1 10.4 15.6





#49

Dimethylphthalate

Concen: 42.18 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

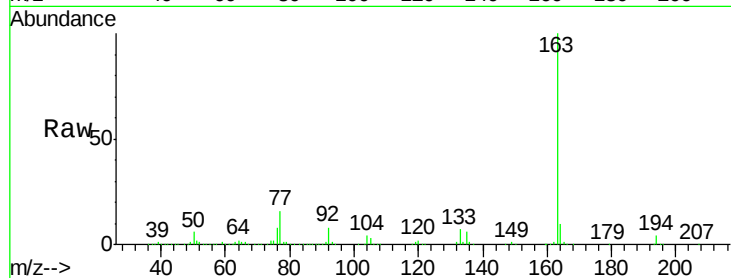
Tgt Ion:163 Resp: 1561971

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

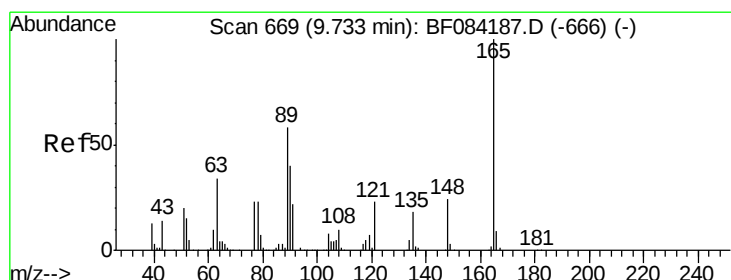
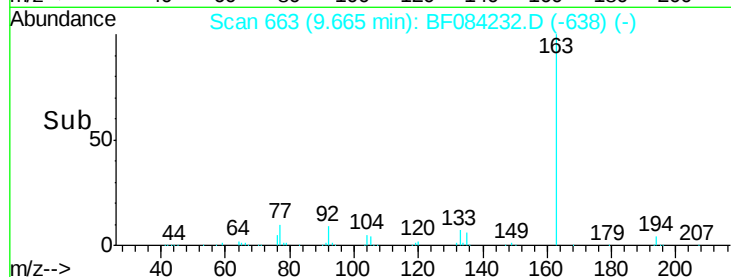
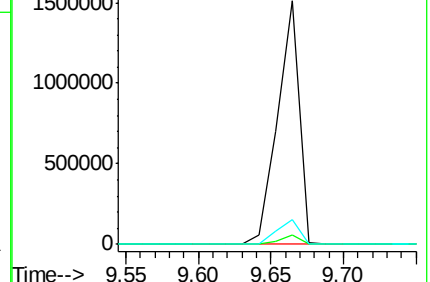
164 10.0 8.0 12.0



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: 44.75 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

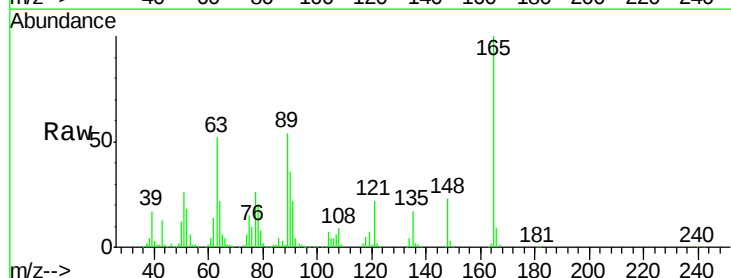
Tgt Ion:165 Resp: 363502

Ion Ratio Lower Upper

165 100

63 51.7 28.8 43.2#

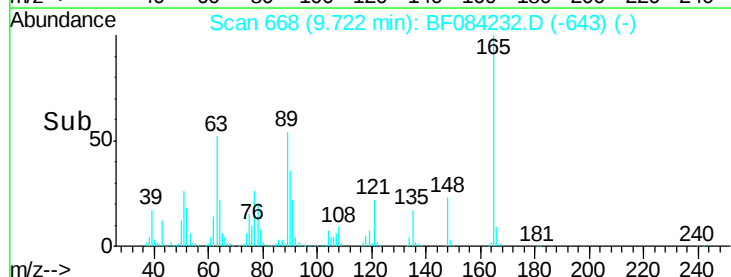
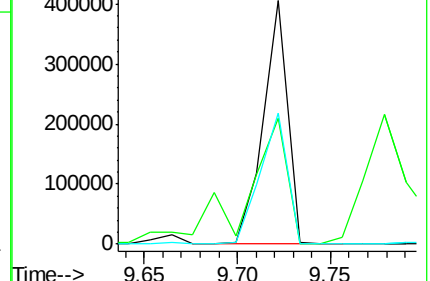
89 53.8 35.1 52.7#

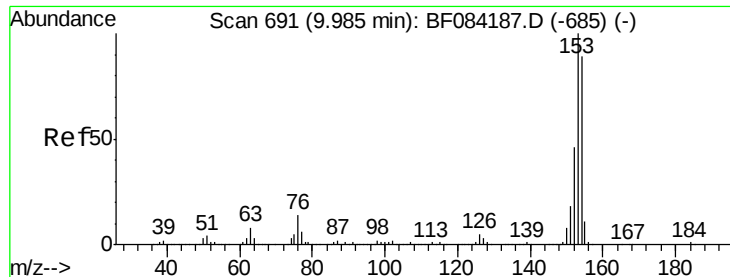


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.01 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

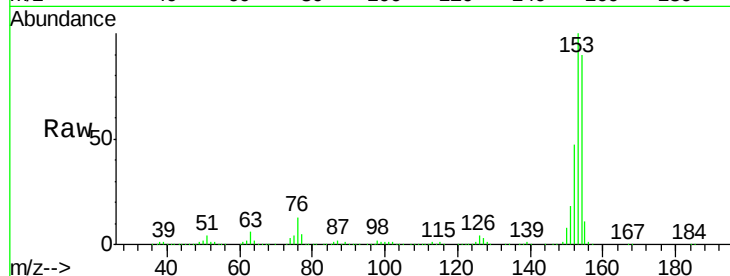
Tgt Ion:154 Resp: 1346338

Ion Ratio Lower Upper

154 100

153 110.7 91.5 137.3

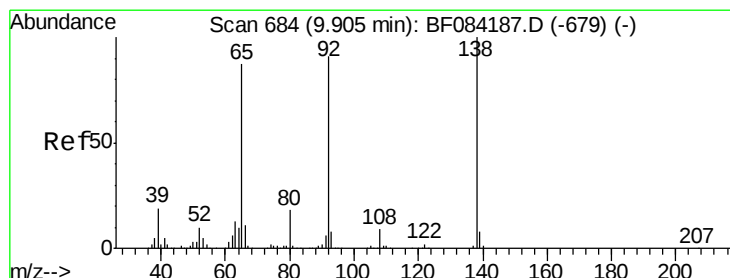
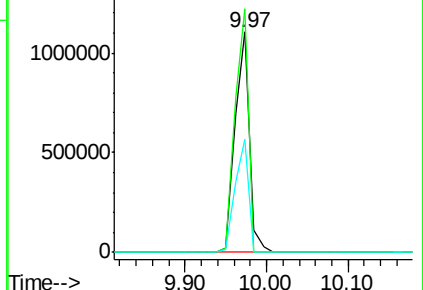
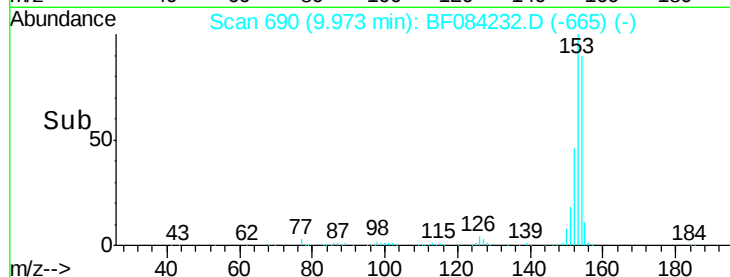
152 51.6 43.0 64.6



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: 42.57 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

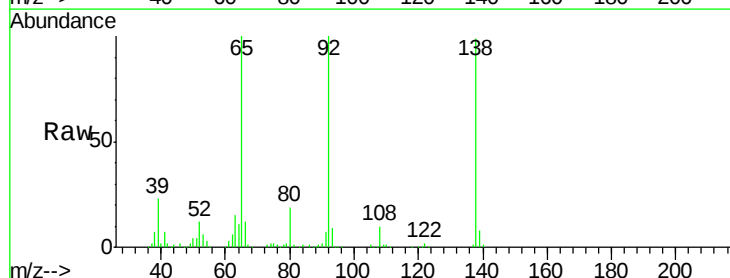
Tgt Ion:138 Resp: 428457

Ion Ratio Lower Upper

138 100

108 9.8 10.5 15.7#

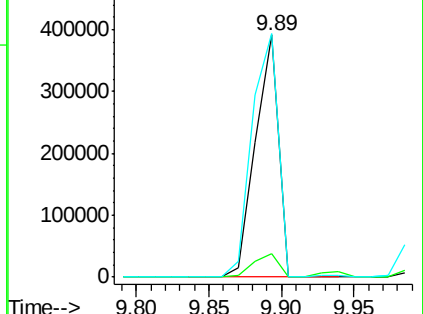
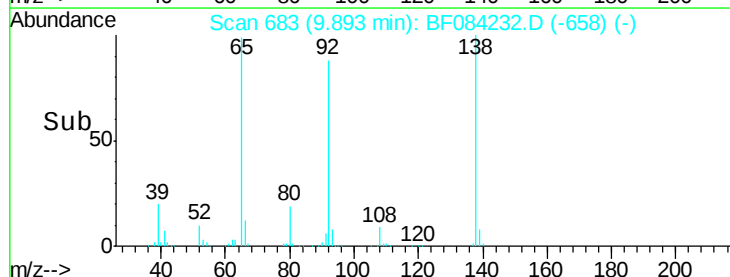
92 100.7 103.9 155.9#

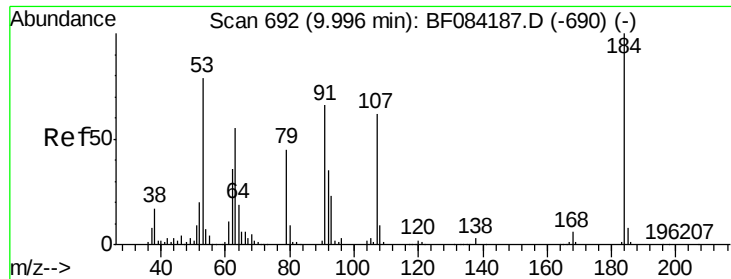


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

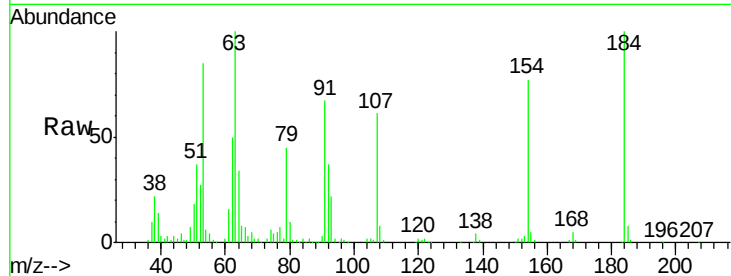




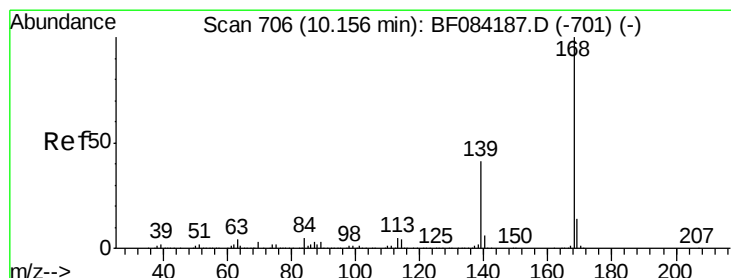
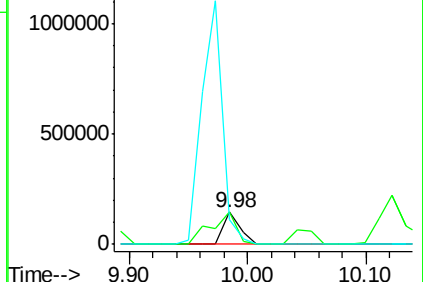
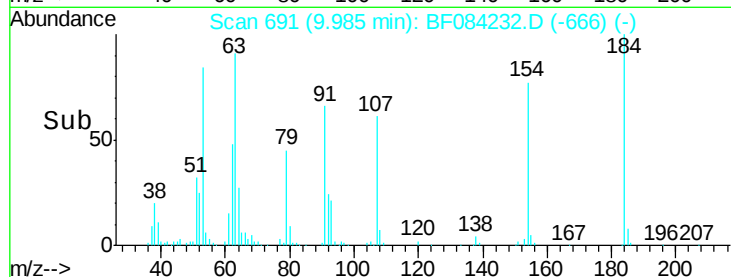
#53  
2,4-Dinitrophenol  
Concen: 43.13 ng  
RT: 9.98 min Scan# 691  
Delta R.T. -0.01 min  
Lab File: BF084232.D  
Acq: 4 Jan 2016 11:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 143298  
Ion Ratio Lower Upper  
184 100  
63 100.2 43.1 64.7#  
154 77.4 60.5 90.7

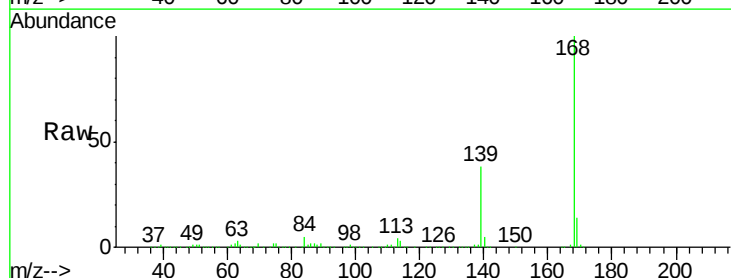


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

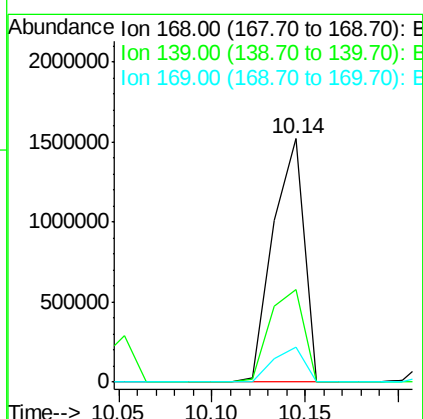
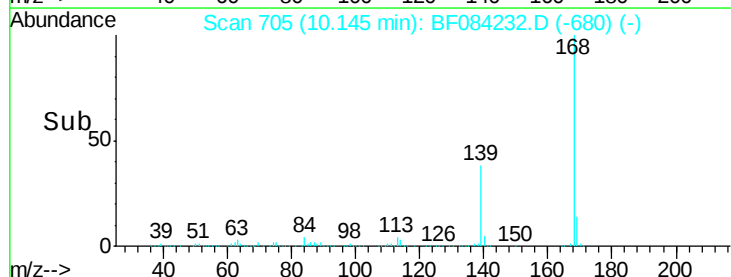


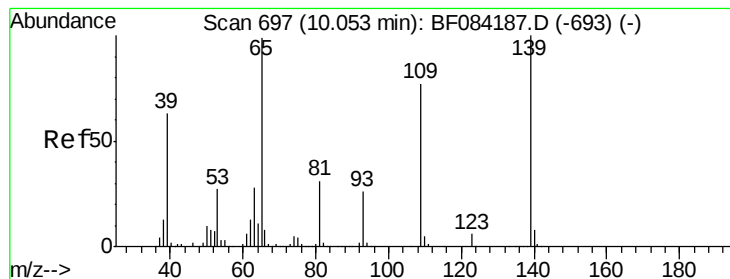
#54  
Dibenzofuran  
Concen: 42.12 ng  
RT: 10.14 min Scan# 705  
Delta R.T. -0.01 min  
Lab File: BF084232.D  
Acq: 4 Jan 2016 11:52

Tgt Ion:168 Resp: 1756271  
Ion Ratio Lower Upper  
168 100  
139 38.0 30.5 45.7  
169 14.1 10.4 15.6



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: 43.96 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

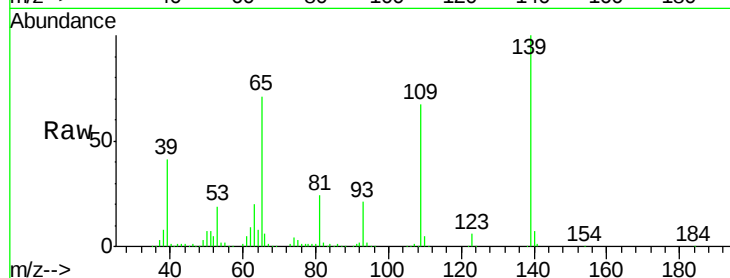
Tgt Ion:139 Resp: 321163

Ion Ratio Lower Upper

139 100

109 67.3 58.5 98.5

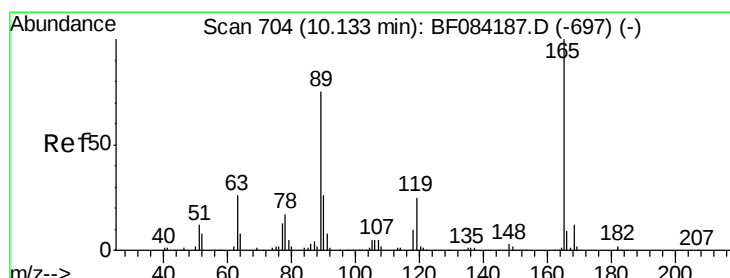
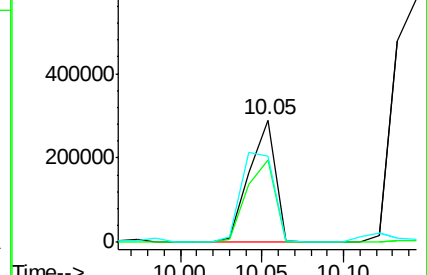
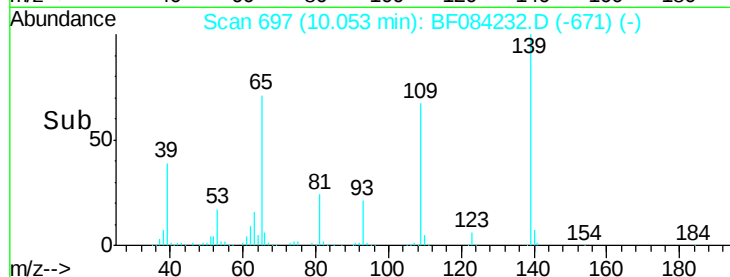
65 70.9 57.6 97.6



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: 46.18 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Tgt Ion:165 Resp: 474704

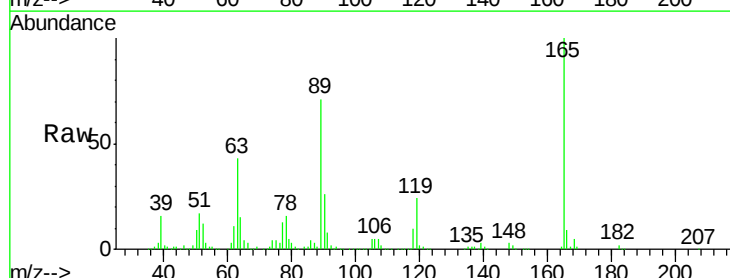
Ion Ratio Lower Upper

165 100

63 42.9 36.7 55.1

89 71.1 61.9 92.9

182 2.2 2.0 3.0

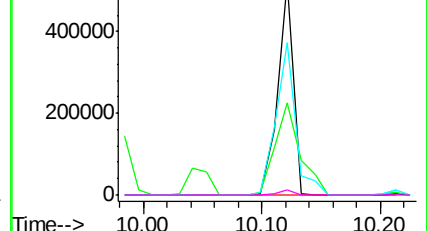
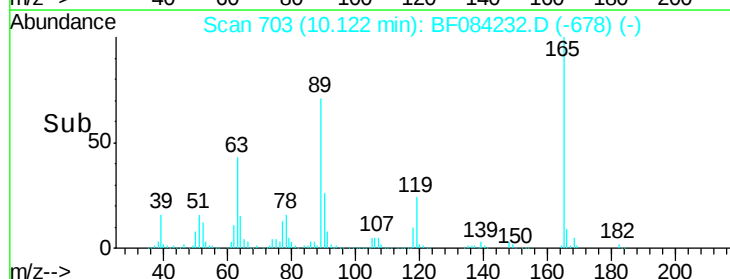


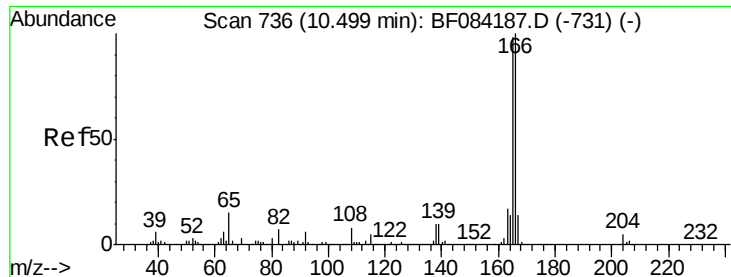
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

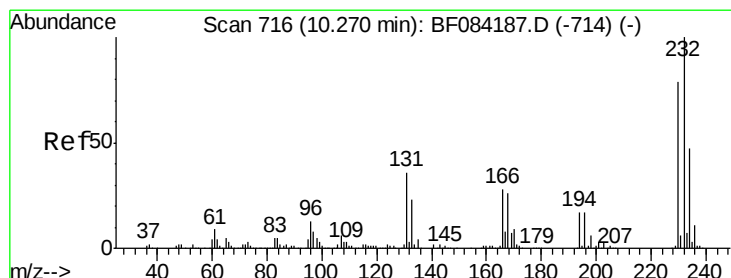
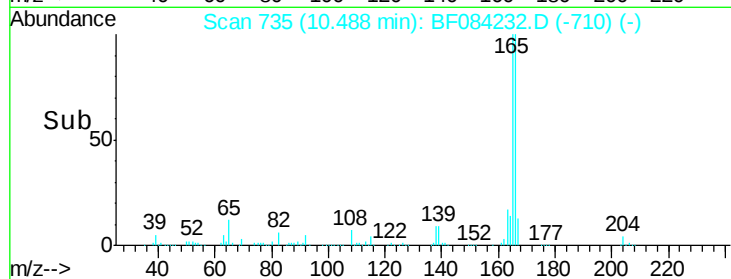
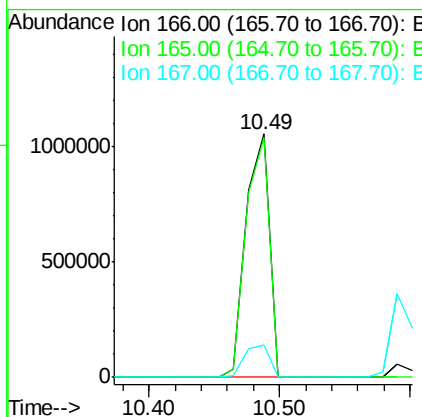
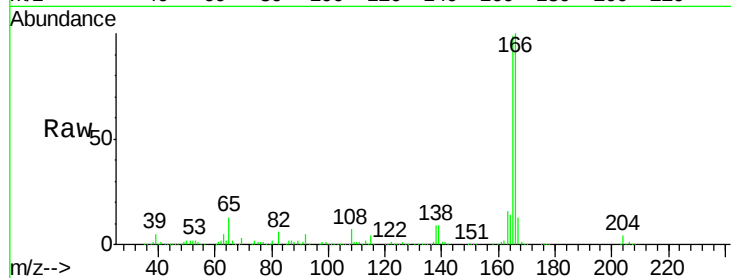




#57  
 Fluorene  
 Concen: 40.56 ng  
 RT: 10.49 min Scan# 735  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

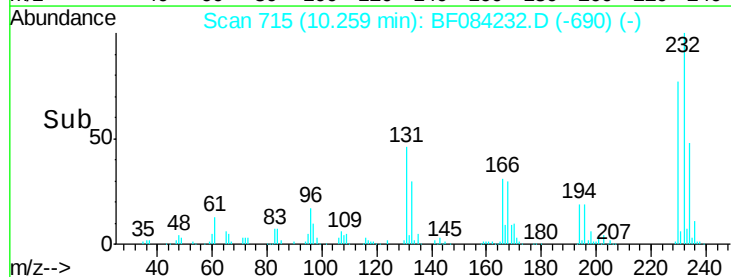
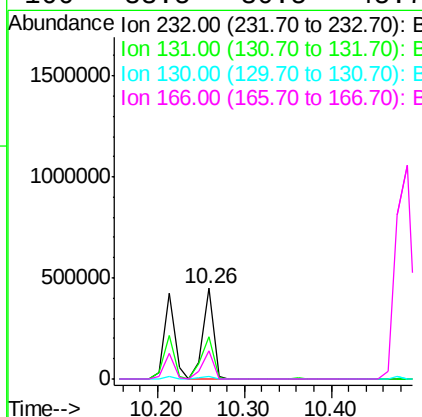
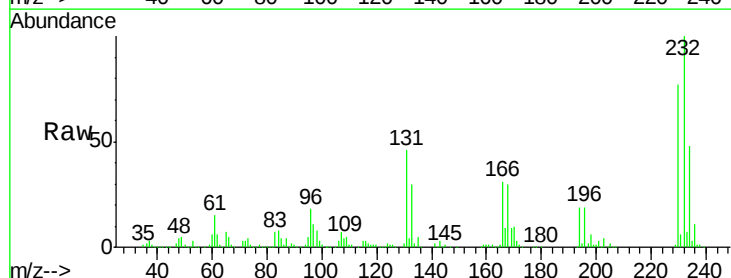
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

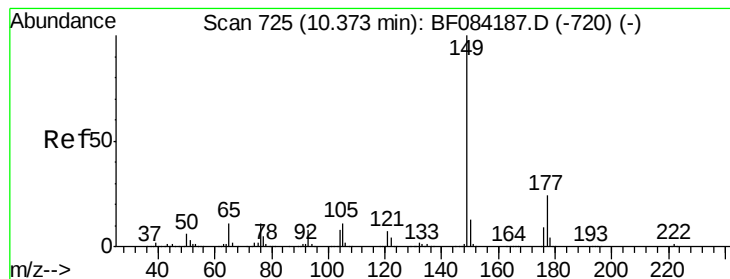
Tgt Ion:166 Resp: 1309264  
 Ion Ratio Lower Upper  
 166 100  
 165 98.6 79.1 118.7  
 167 13.3 10.4 15.6



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.73 ng  
 RT: 10.26 min Scan# 715  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Tgt Ion:232 Resp: 380558  
 Ion Ratio Lower Upper  
 232 100  
 131 51.9 47.0 70.6  
 130 2.6 2.0 3.0  
 166 33.5 30.5 45.7





#59

Diethylphthalate

Concen: 40.89 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

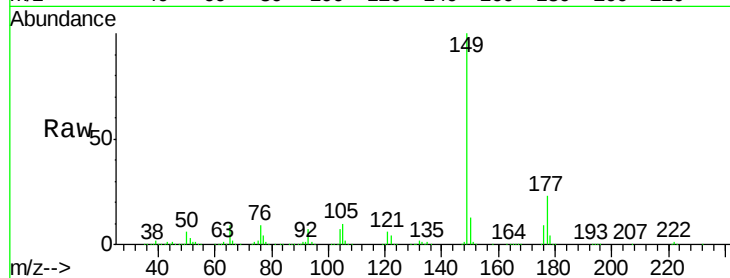
Tgt Ion:149 Resp: 1493020

Ion Ratio Lower Upper

149 100

177 23.0 17.3 25.9

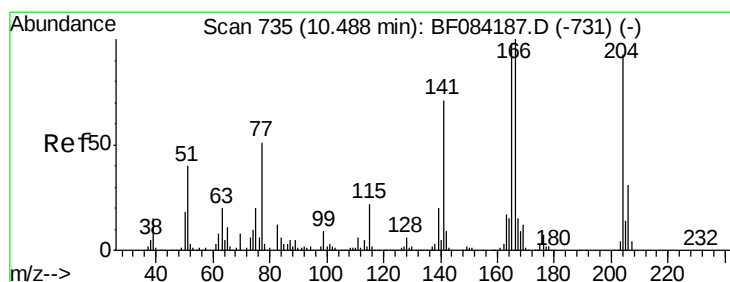
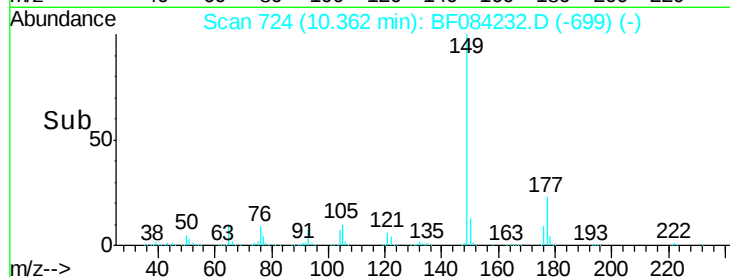
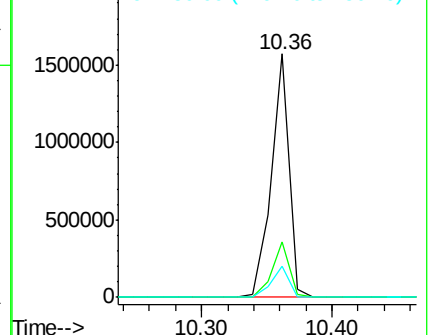
150 12.7 9.8 14.8



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: 46.23 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

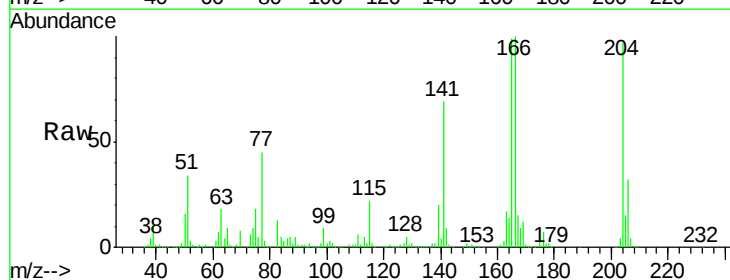
Tgt Ion:204 Resp: 623131

Ion Ratio Lower Upper

204 100

206 33.5 25.7 38.5

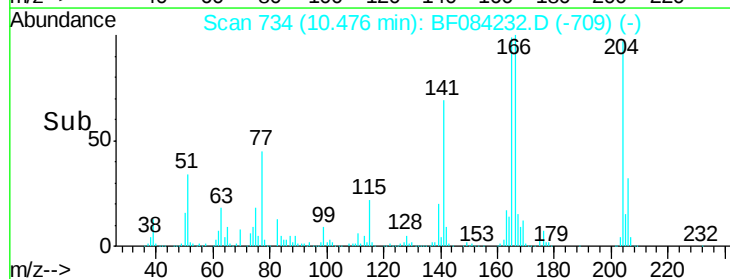
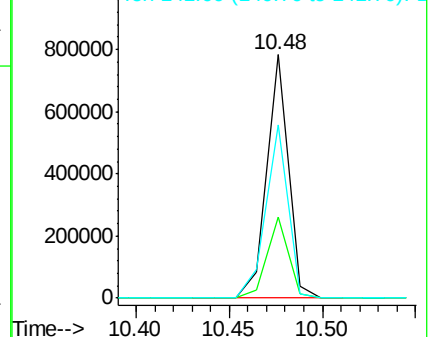
141 71.4 55.1 82.7

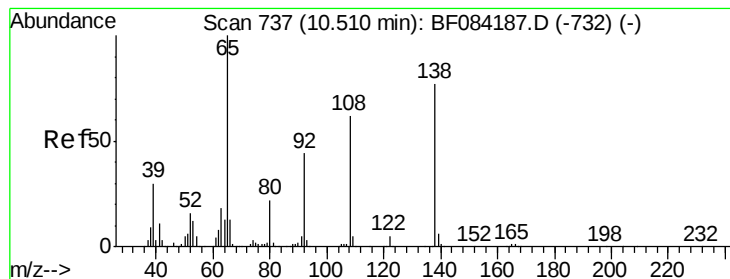


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.10 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

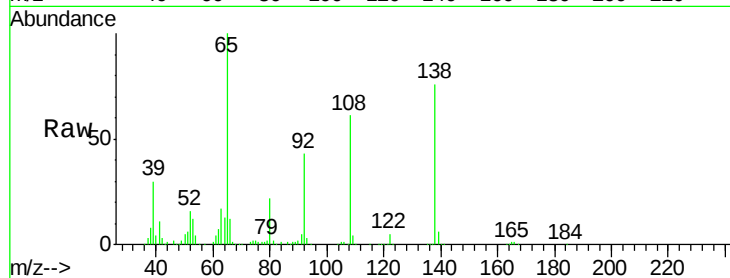
Tgt Ion:138 Resp: 332849

Ion Ratio Lower Upper

138 100

92 55.9 32.6 72.6

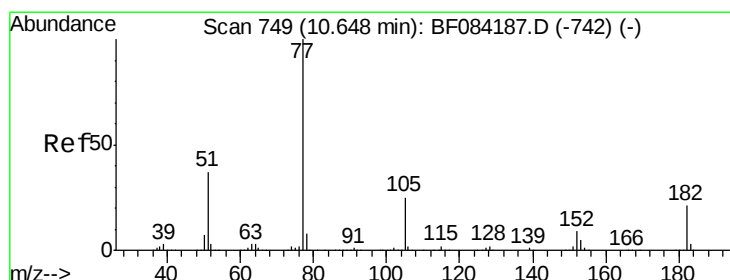
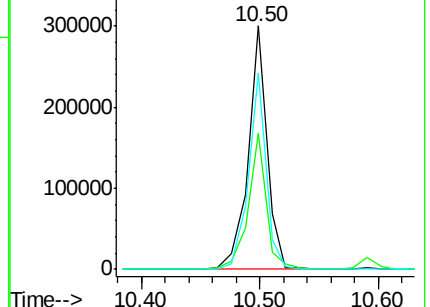
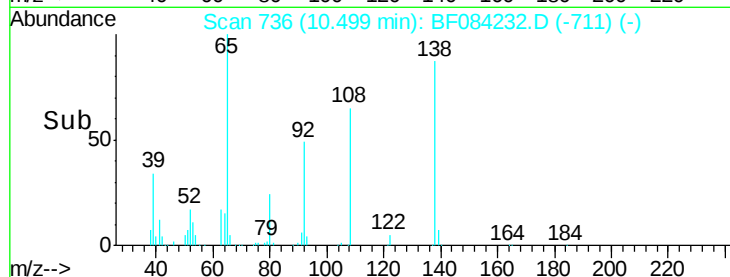
108 80.8 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.40 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Tgt Ion: 77 Resp: 1657877

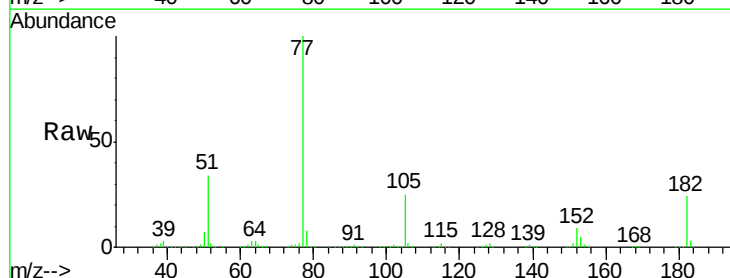
Ion Ratio Lower Upper

77 100

182 23.9 8.3 48.3

105 25.4 4.6 44.6

51 34.2 6.2 46.2

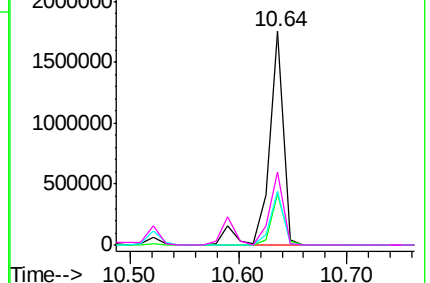
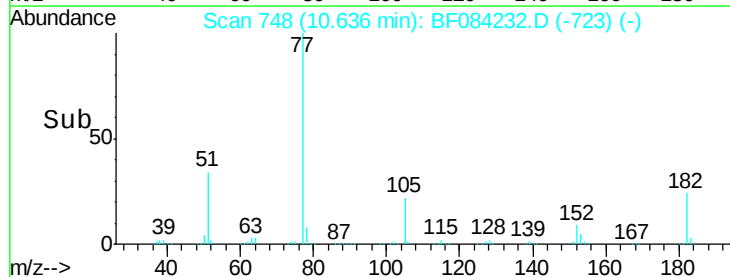


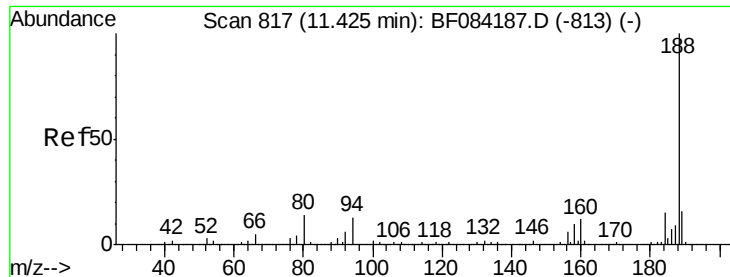
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

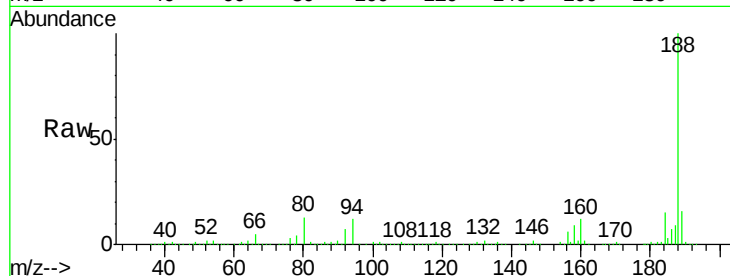




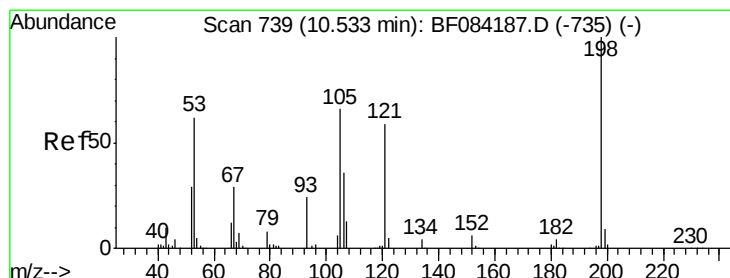
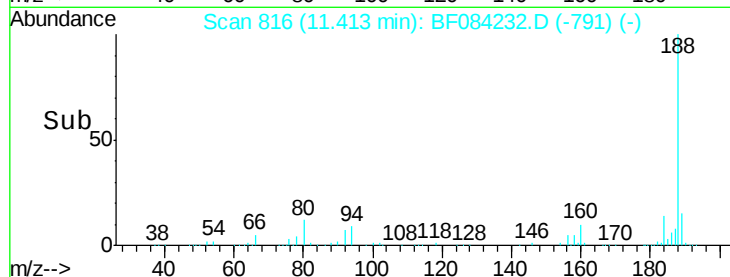
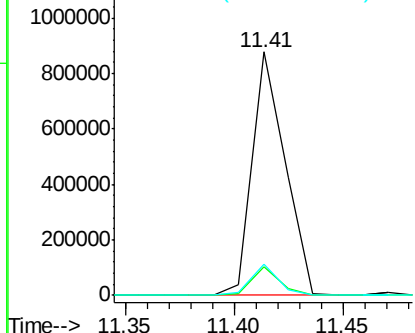
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.41 min Scan# 816  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.7  | 9.0   | 13.4  |
| 80      | 12.6  | 9.6   | 14.4  |

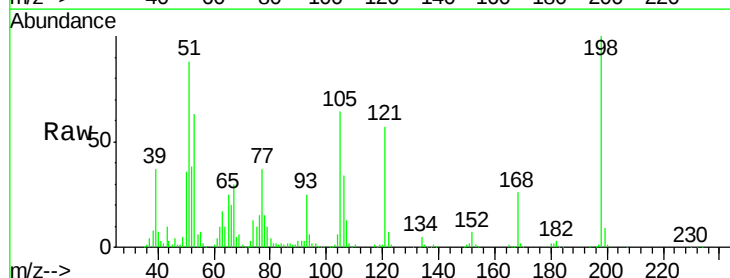


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

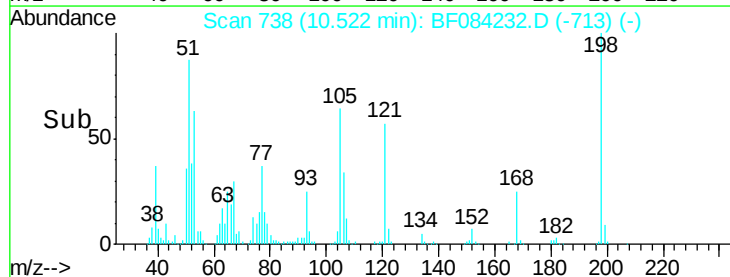
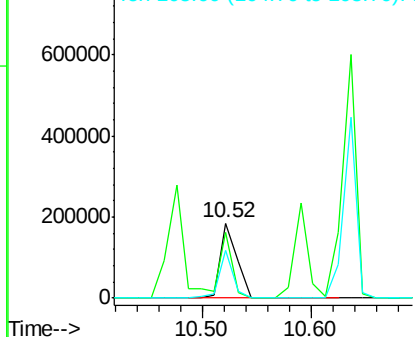


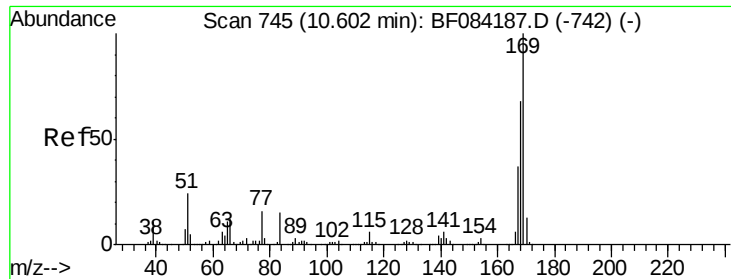
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 34.75 ng  
 RT: 10.52 min Scan# 738  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 88.0  | 18.9  | 58.9# |
| 105     | 64.1  | 26.4  | 66.4  |



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: 37.71 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

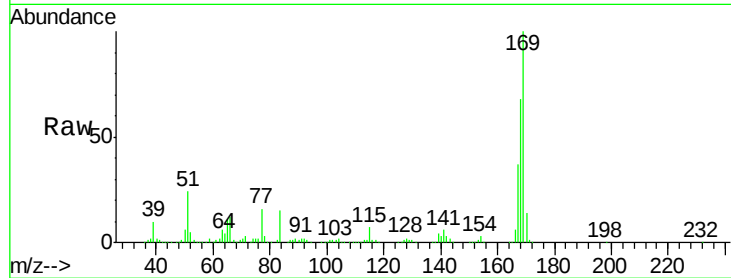
Tgt Ion:169 Resp: 1111434

Ion Ratio Lower Upper

169 100

168 67.7 55.1 82.7

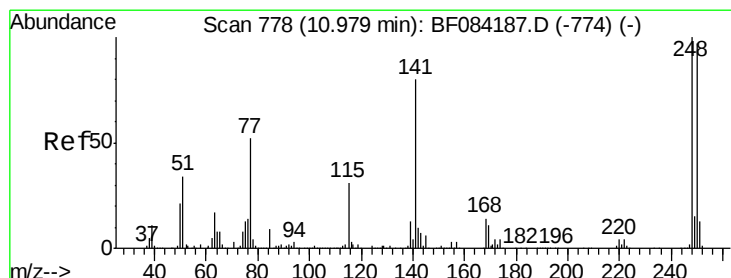
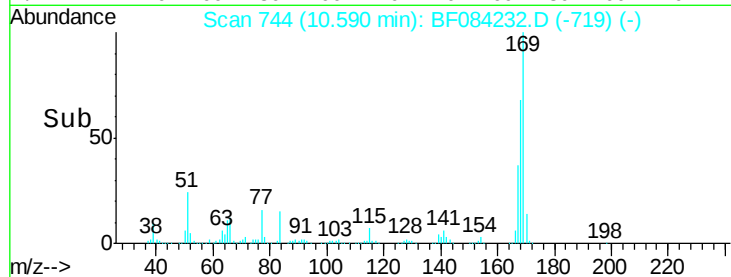
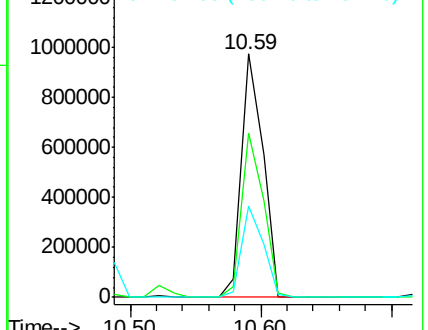
167 37.2 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.45 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

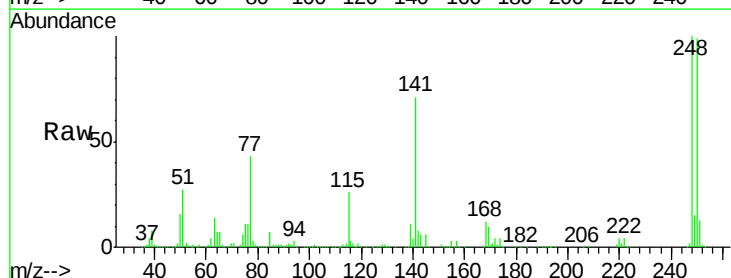
Tgt Ion:248 Resp: 421205

Ion Ratio Lower Upper

248 100

250 99.4 78.4 117.6

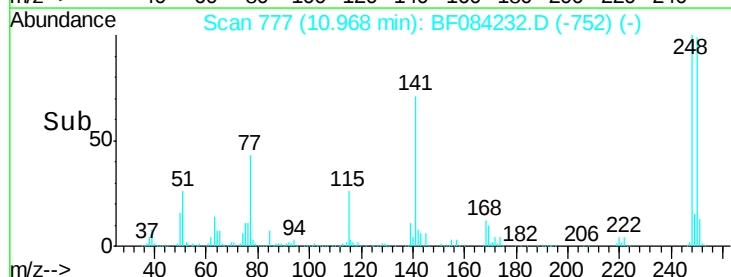
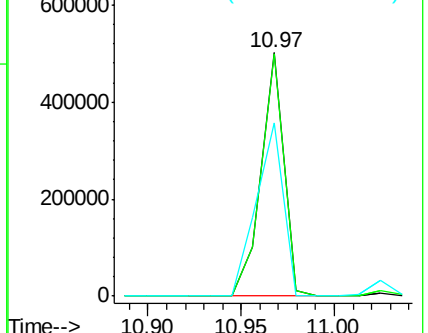
141 71.3 44.0 66.0#

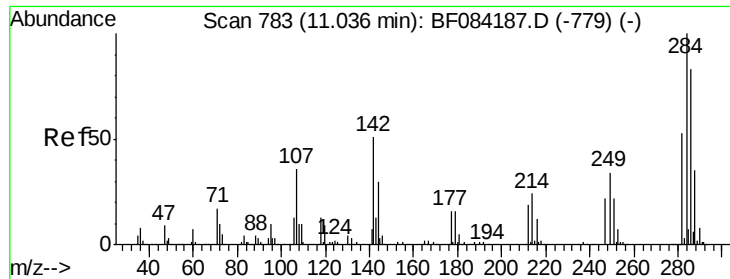


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

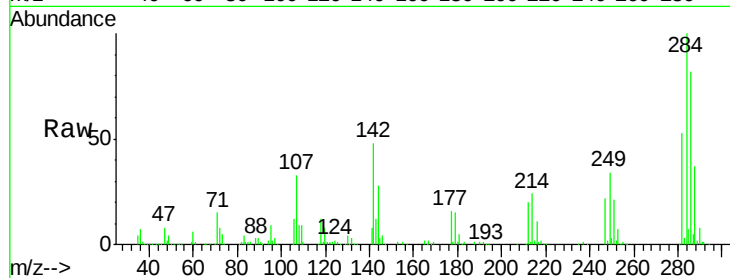




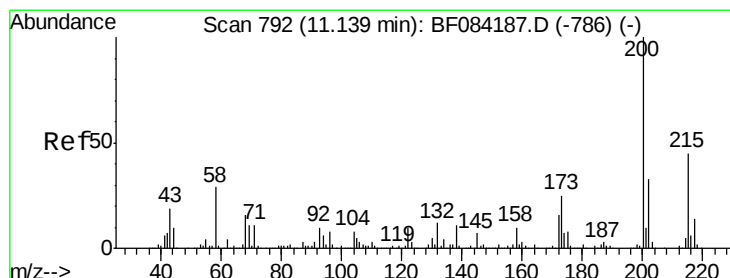
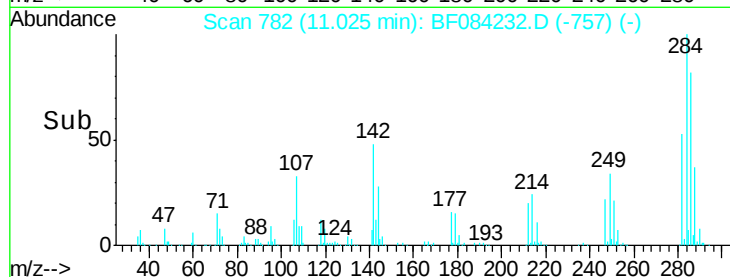
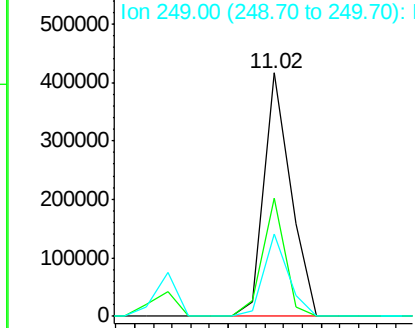
#67  
Hexachlorobenzene  
Concen: 36.93 ng  
RT: 11.02 min Scan# 782  
Delta R.T. -0.01 min  
Lab File: BF084232.D  
Acq: 4 Jan 2016 11:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:284 Resp: 412467  
Ion Ratio Lower Upper  
284 100  
142 48.4 22.2 33.4#  
249 34.0 24.6 37.0

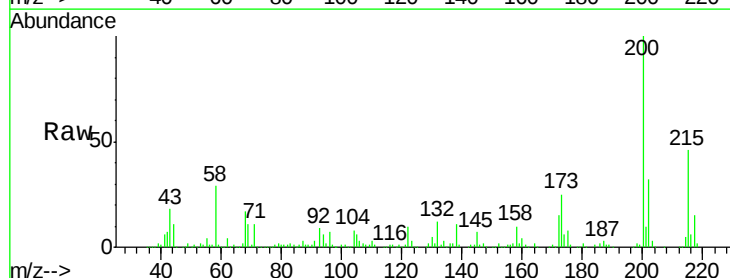


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

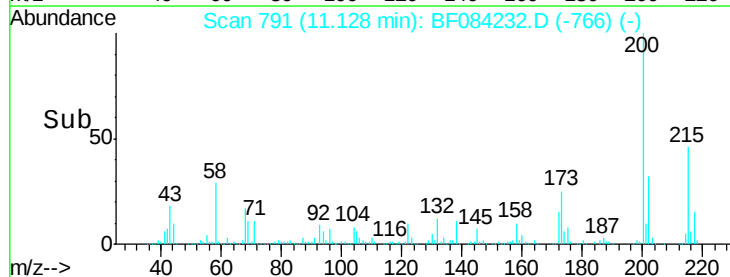
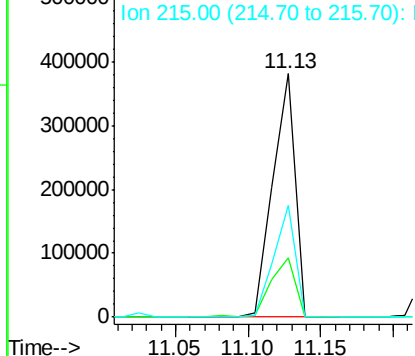


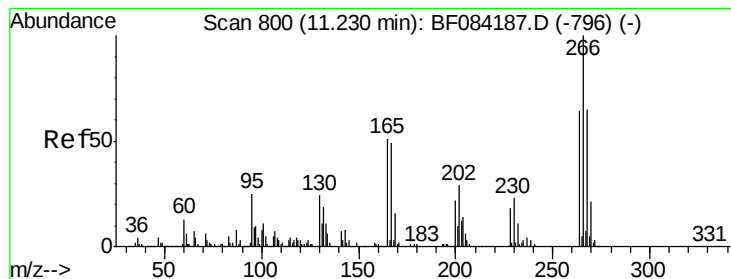
#68  
Atrazine  
Concen: 42.24 ng  
RT: 11.13 min Scan# 791  
Delta R.T. -0.01 min  
Lab File: BF084232.D  
Acq: 4 Jan 2016 11:52

Tgt Ion:200 Resp: 407402  
Ion Ratio Lower Upper  
200 100  
173 24.6 9.5 49.5  
215 45.7 23.8 63.8



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





#69

Pentachlorophenol

Concen: 36.37 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

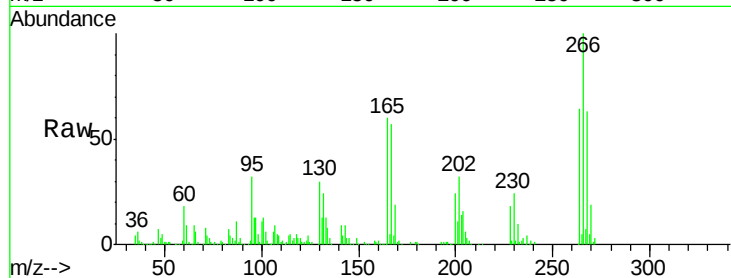
Tgt Ion:266 Resp: 210626

Ion Ratio Lower Upper

266 100

268 62.7 52.4 78.6

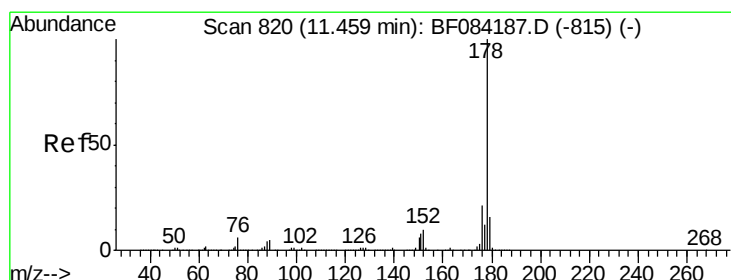
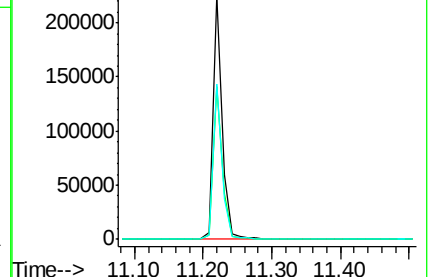
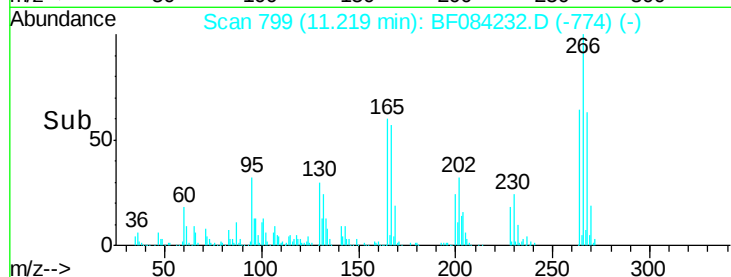
264 63.8 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.27 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

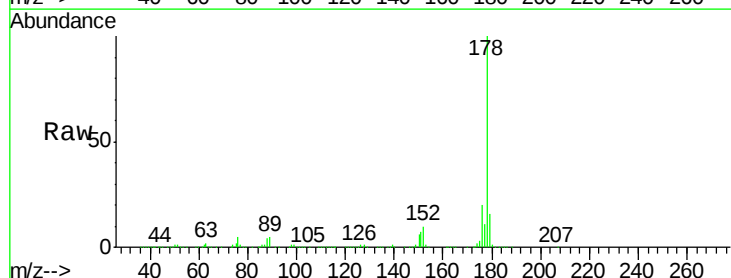
Tgt Ion:178 Resp: 2038192

Ion Ratio Lower Upper

178 100

176 20.5 15.3 22.9

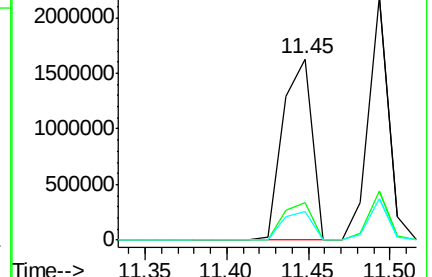
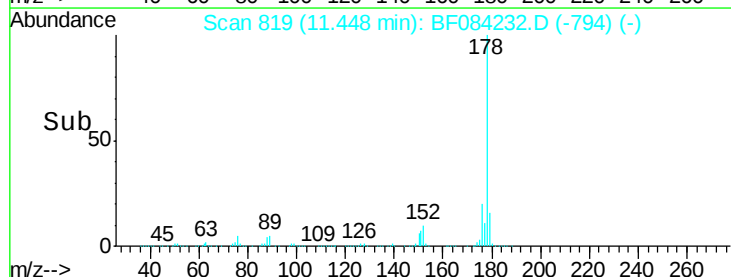
179 15.8 12.0 18.0

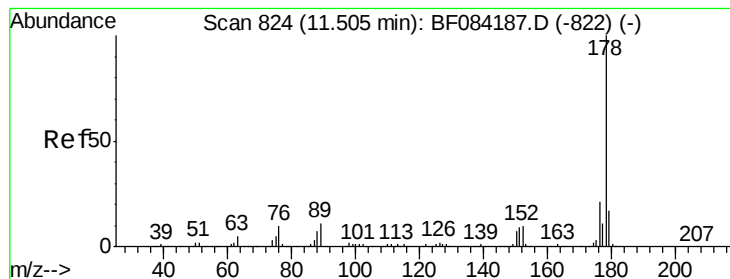


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.90 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

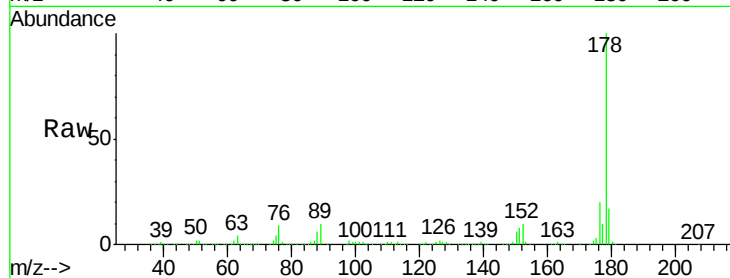
Tgt Ion:178 Resp: 1885849

Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.0

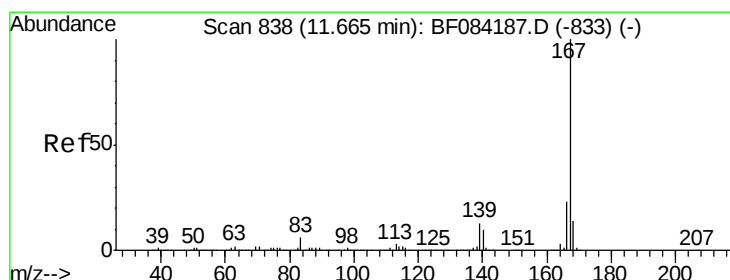
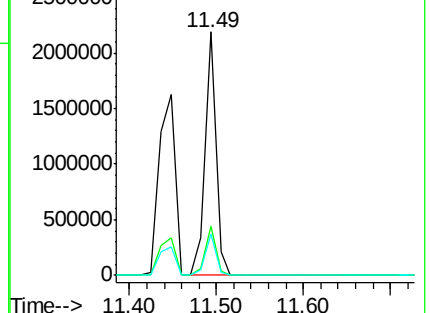
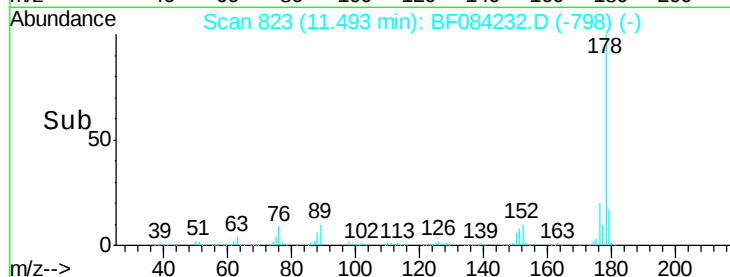
179 17.0 12.5 18.7



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: 40.62 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

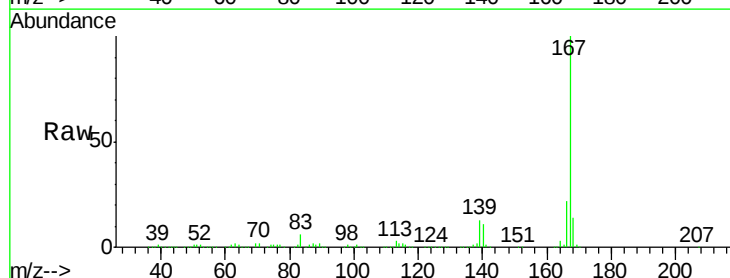
Tgt Ion:167 Resp: 1877209

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

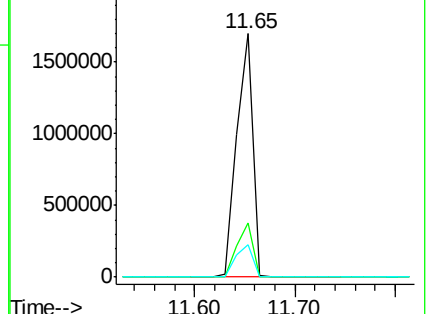
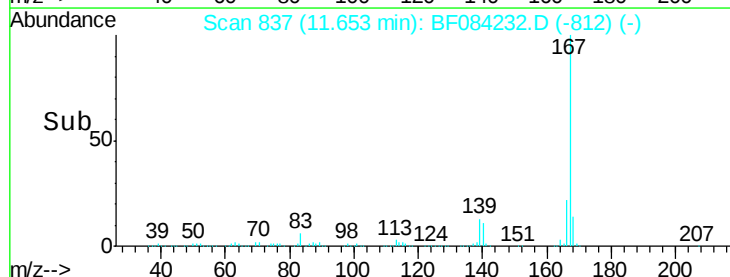
139 13.5 11.8 17.8

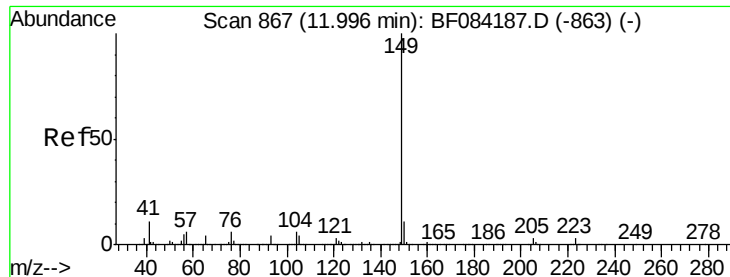


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.00 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

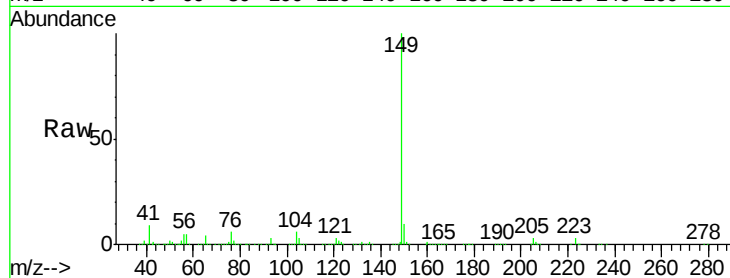
Tgt Ion:149 Resp: 2061086

Ion Ratio Lower Upper

149 100

150 10.3 7.1 10.7

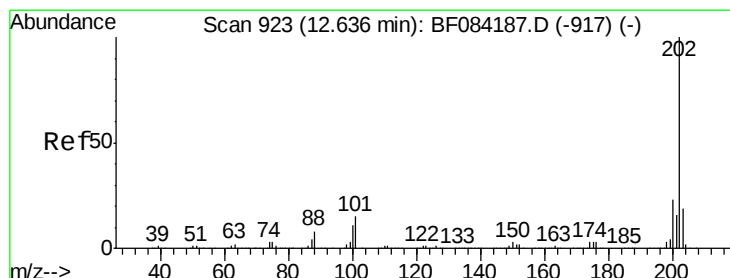
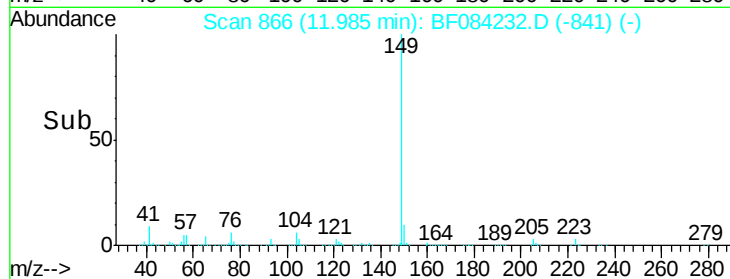
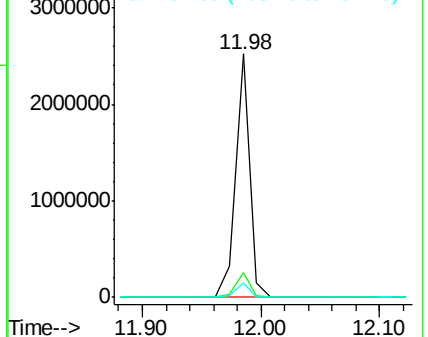
104 5.8 3.2 4.8#



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: 36.61 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

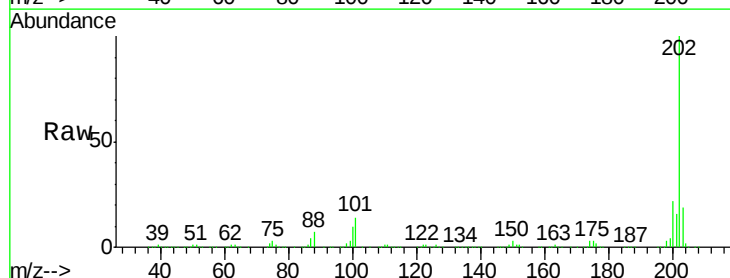
Tgt Ion:202 Resp: 1844218

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

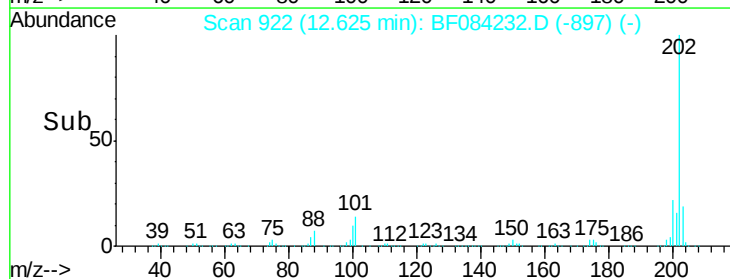
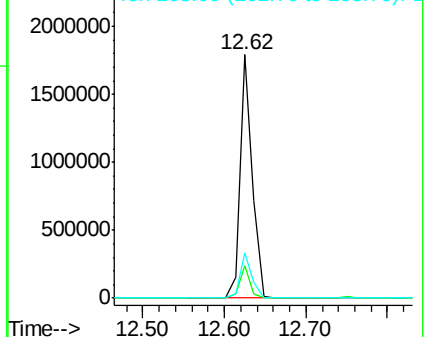
203 18.6 0.0 37.9

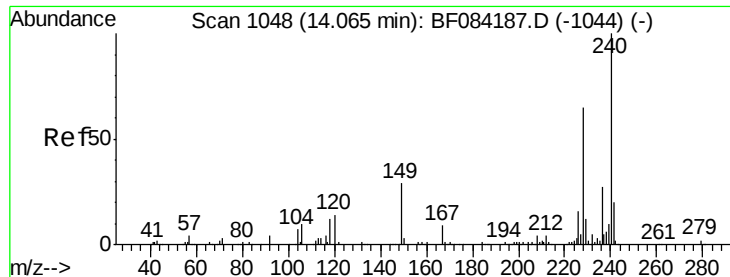


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

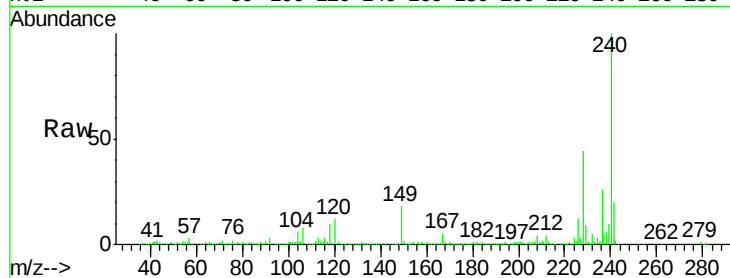
Tgt Ion:240 Resp: 645793

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

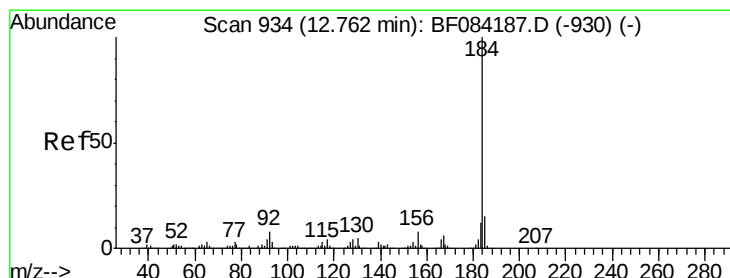
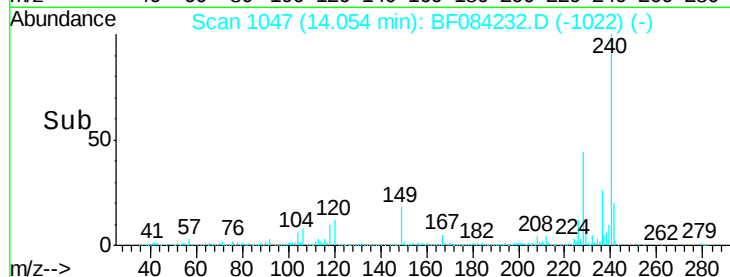
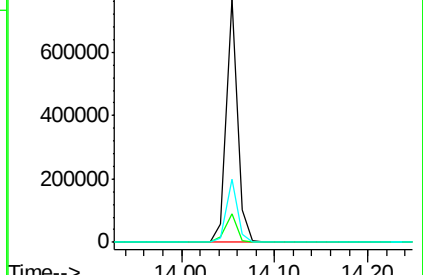
236 25.8 20.6 31.0



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: 36.14 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

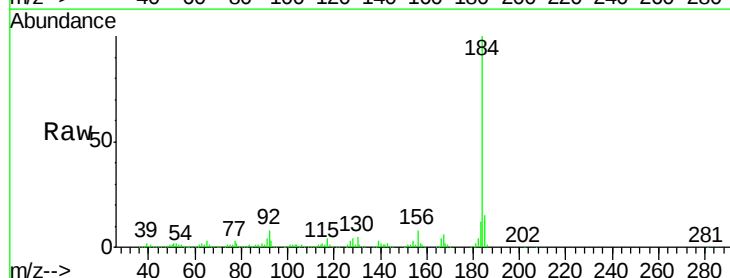
Tgt Ion:184 Resp: 836874

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

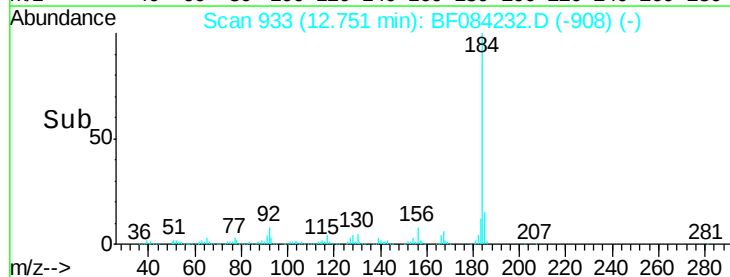
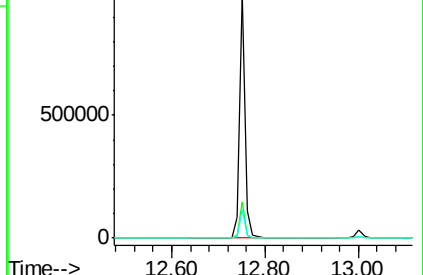
183 11.7 9.8 14.8

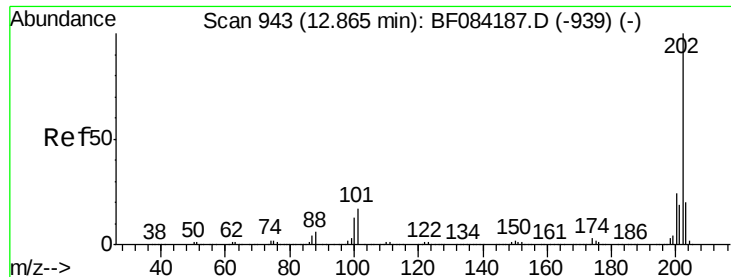


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



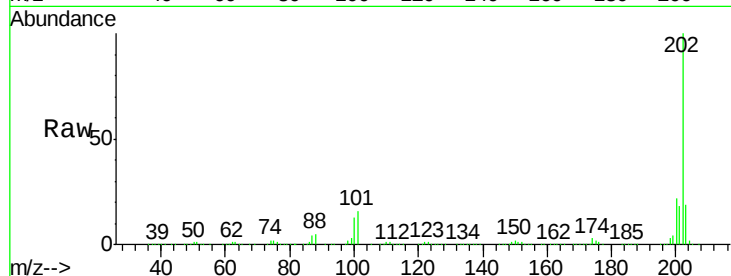


#77  
 Pyrene  
 Concen: 36.05 ng  
 RT: 12.85 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

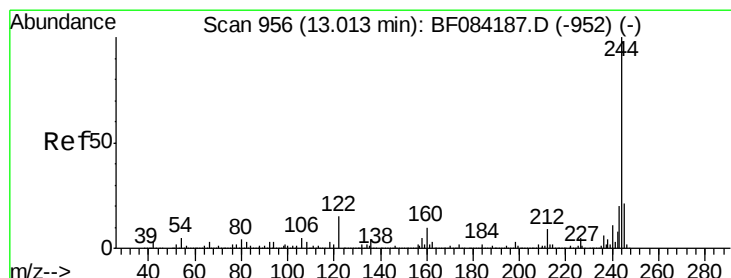
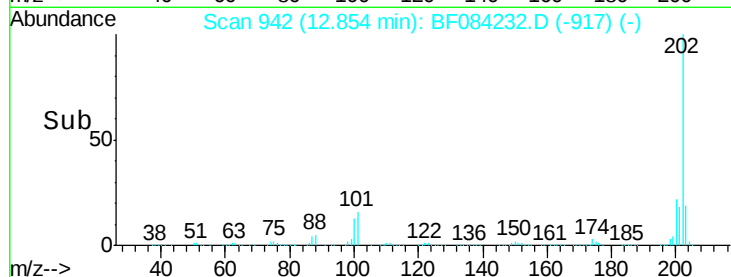
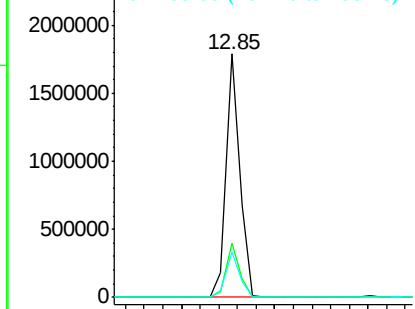
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 202 Resp: 1826764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.2  | 17.2  | 25.8  |
| 203 | 18.7  | 14.3  | 21.5  |



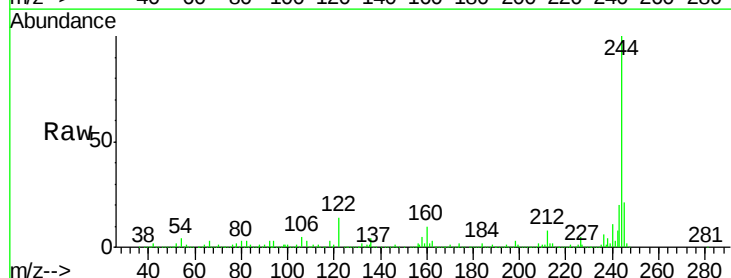
Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E



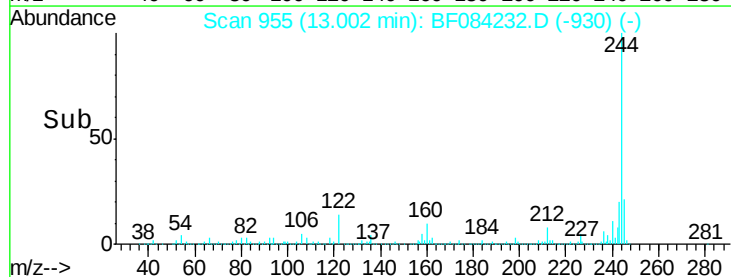
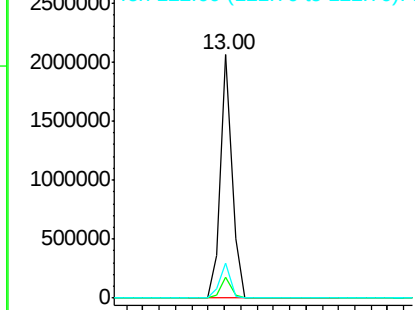
#78  
 Terphenyl-d14  
 Concen: 69.88 ng  
 RT: 13.00 min Scan# 955  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

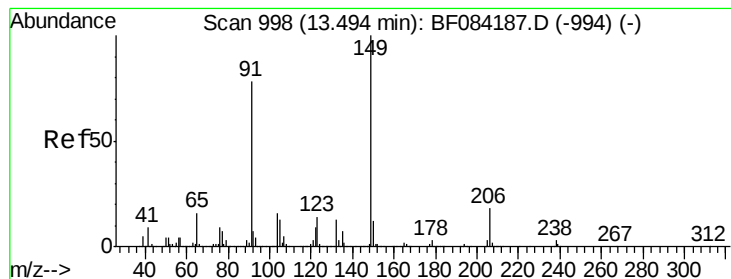
Tgt Ion: 244 Resp: 2021590

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.4   | 5.7   | 8.5   |
| 122 | 14.2  | 7.4   | 11.0  |



Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.51 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

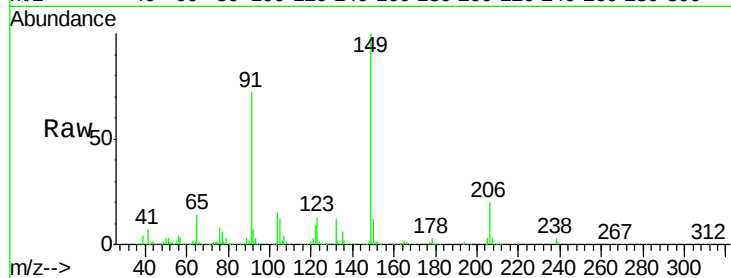
Tgt Ion:149 Resp: 756788

Ion Ratio Lower Upper

149 100

91 71.7 57.6 86.4

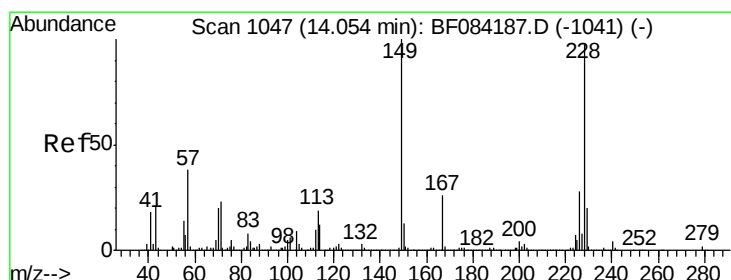
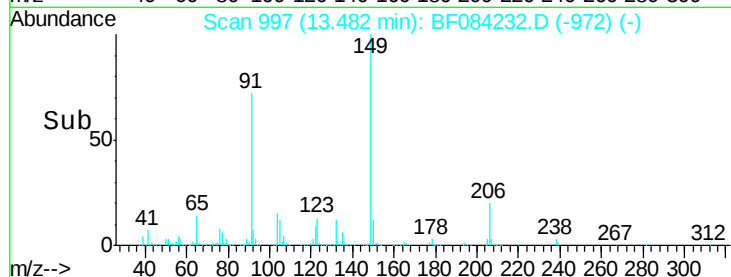
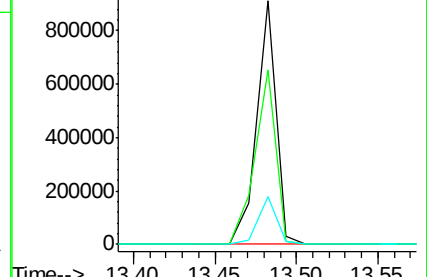
206 19.9 13.2 19.8#



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: 36.47 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

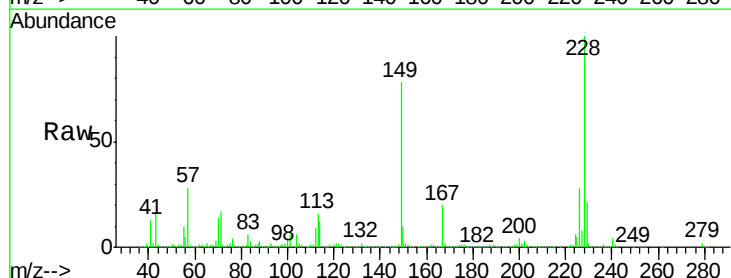
Tgt Ion:228 Resp: 1382795

Ion Ratio Lower Upper

228 100

226 28.3 21.8 32.6

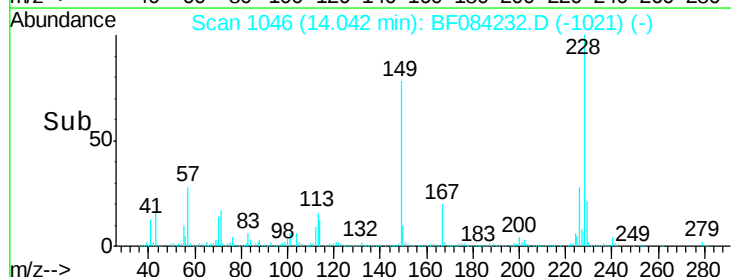
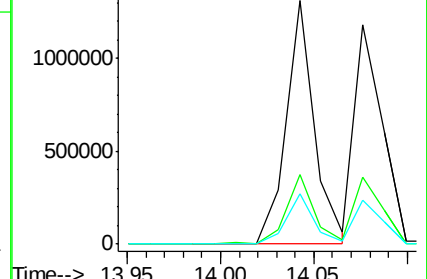
229 20.5 15.8 23.8

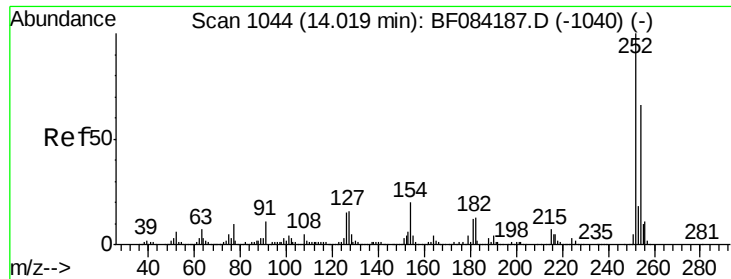


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

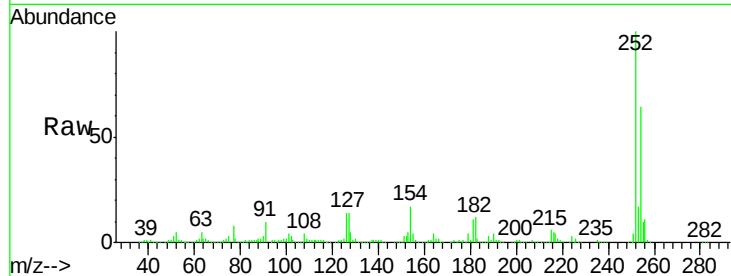




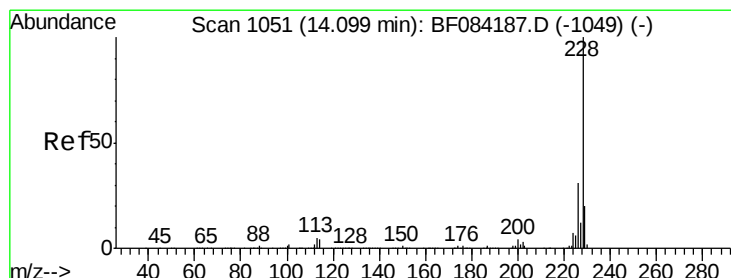
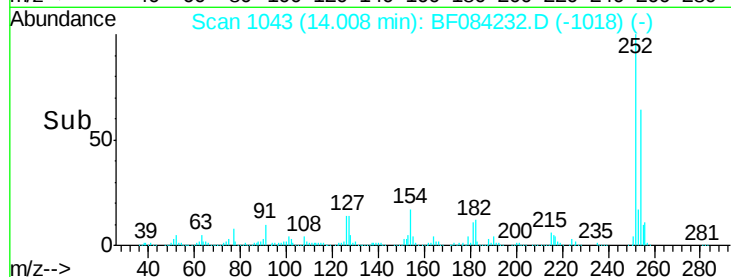
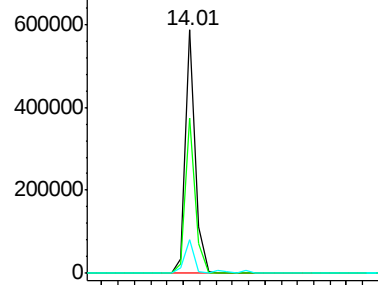
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.50 ng  
 RT: 14.01 min Scan# 1043  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.8  | 53.5  | 80.3  |
| 126     | 13.8  | 4.9   | 7.3#  |

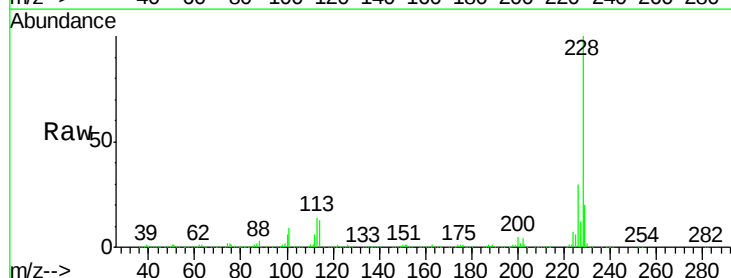


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

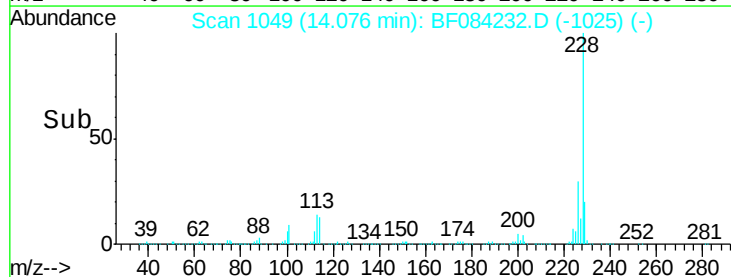
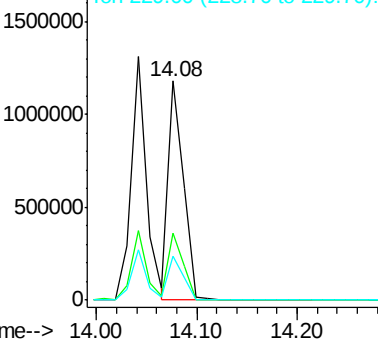


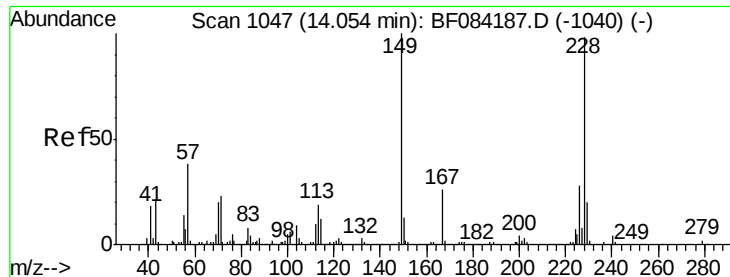
#82  
 Chrysene  
 Concen: 34.29 ng  
 RT: 14.08 min Scan# 1049  
 Delta R.T. -0.02 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 24.3  | 36.5  |
| 229     | 20.2  | 16.1  | 24.1  |



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

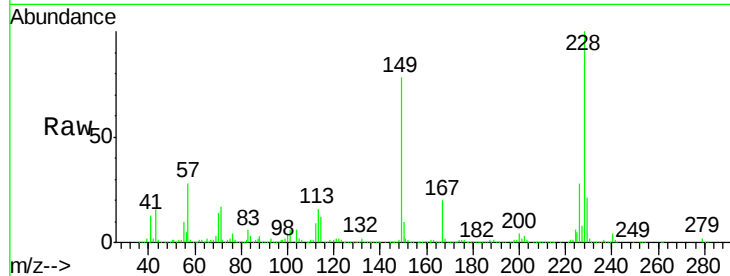




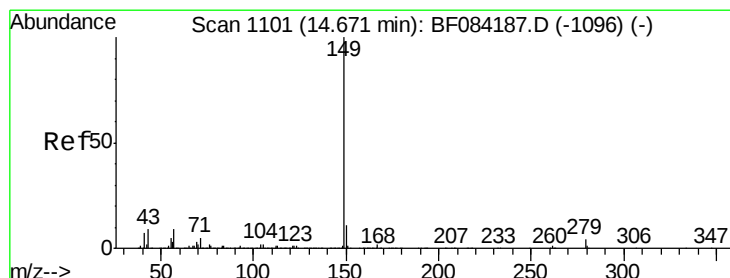
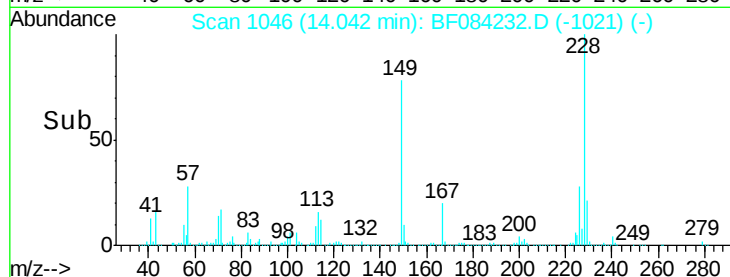
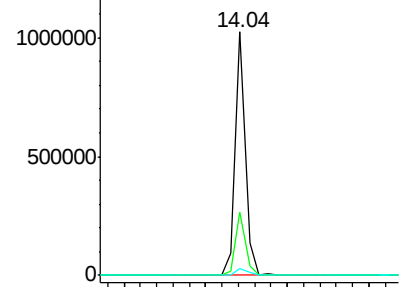
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 31.45 ng  
 RT: 14.04 min Scan# 1046  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:149 Resp: 871395  
 Ion Ratio Lower Upper  
 149 100  
 167 26.1 19.7 29.5  
 279 2.6 1.8 2.6

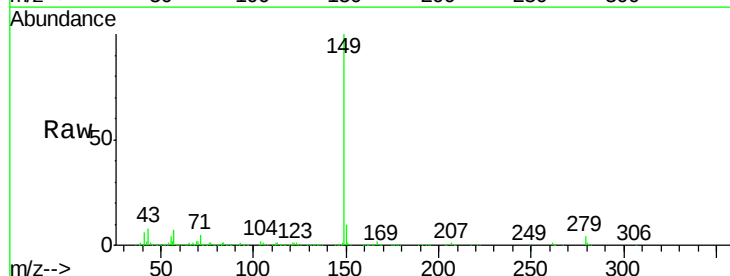


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

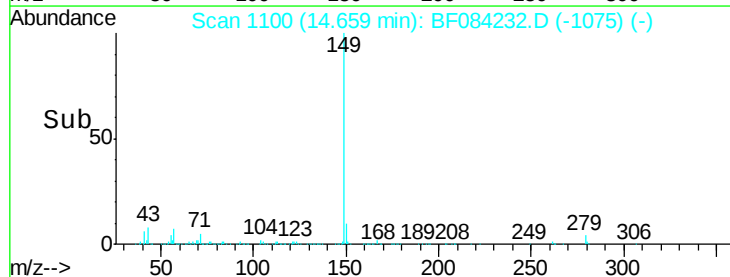
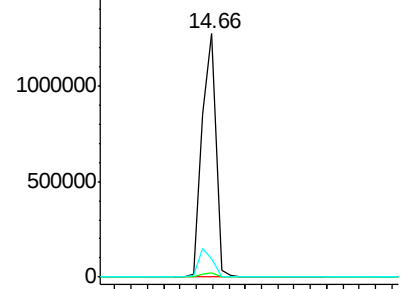


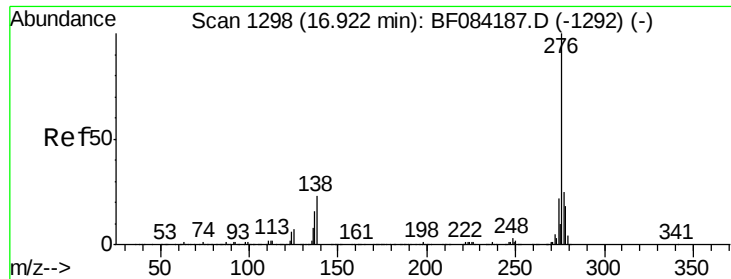
#84  
 Di-n-octyl phthalate  
 Concen: 32.18 ng  
 RT: 14.66 min Scan# 1100  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Tgt Ion:149 Resp: 1505162  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 11.5 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF0

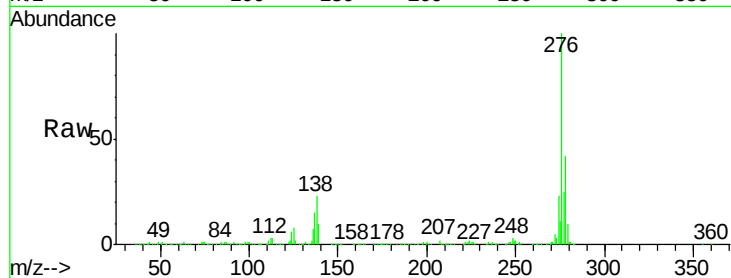




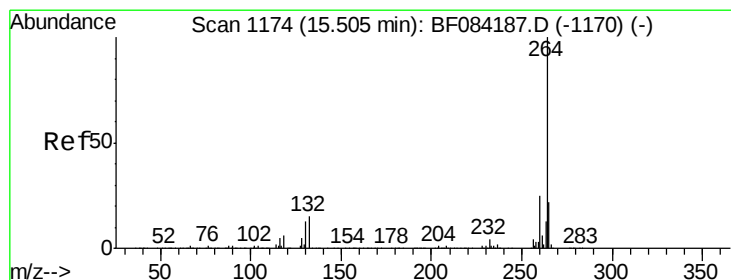
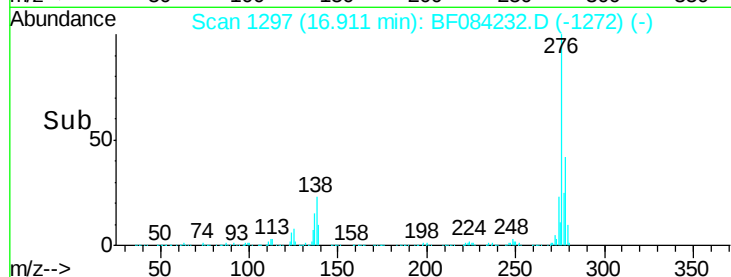
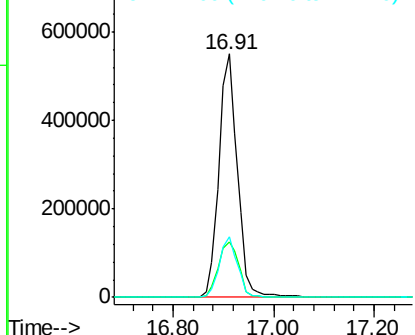
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.87 ng  
 RT: 16.91 min Scan# 1297  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 276 Resp: 1411550  
 Ion Ratio Lower Upper  
 276 100  
 138 25.5 20.6 30.8  
 277 24.7 20.1 30.1

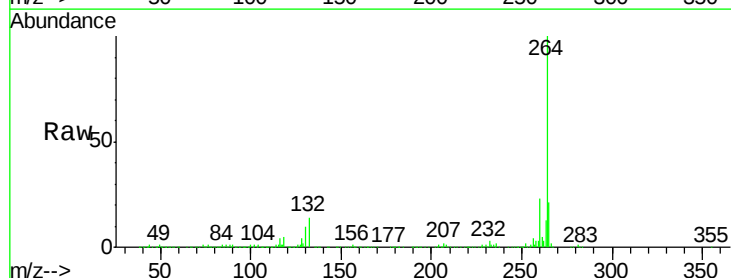


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

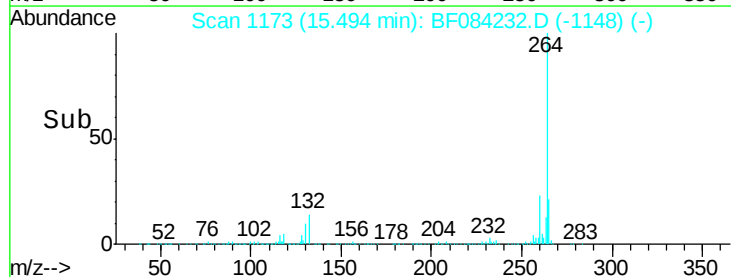
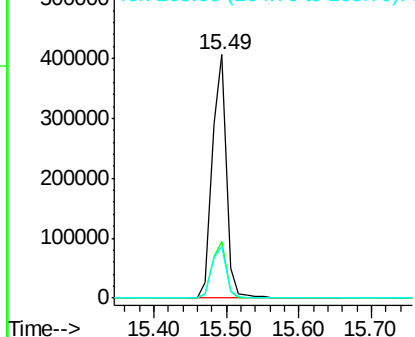


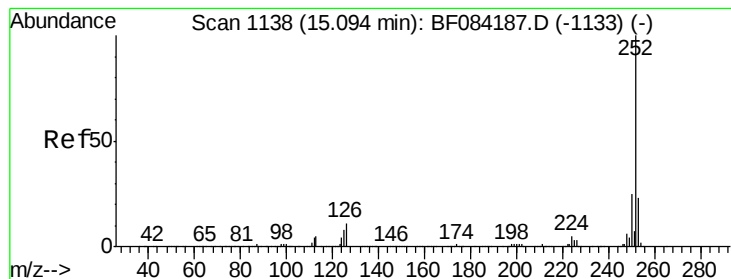
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.49 min Scan# 1173  
 Delta R.T. -0.01 min  
 Lab File: BF084232.D  
 Acq: 4 Jan 2016 11:52

Tgt Ion: 264 Resp: 544509  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.4 29.2  
 265 21.3 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.56 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

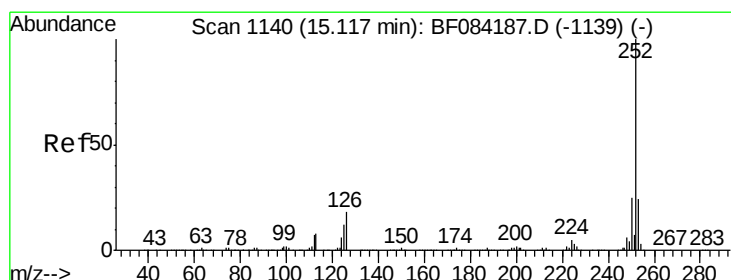
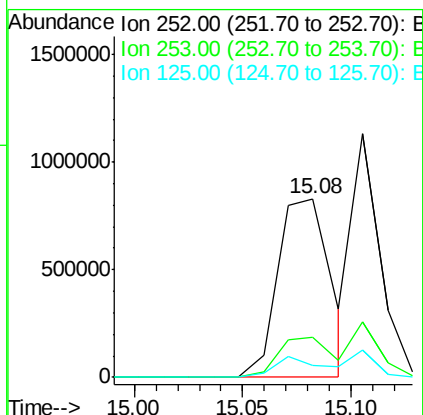
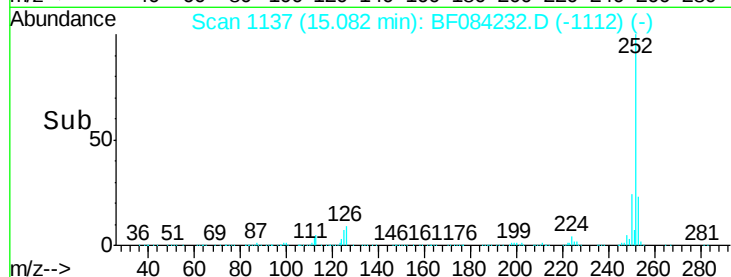
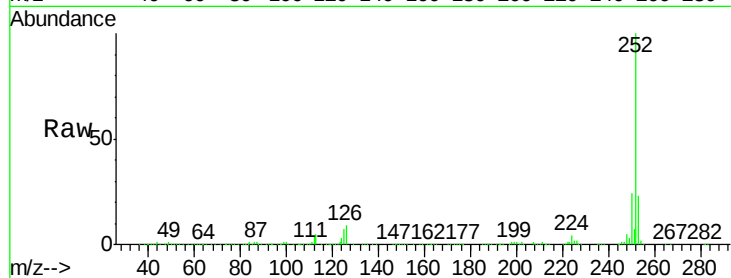
Tgt Ion:252 Resp: 1409057

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 6.7 6.5 9.7



#88

Benzo(k)fluoranthene

Concen: 48.37 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

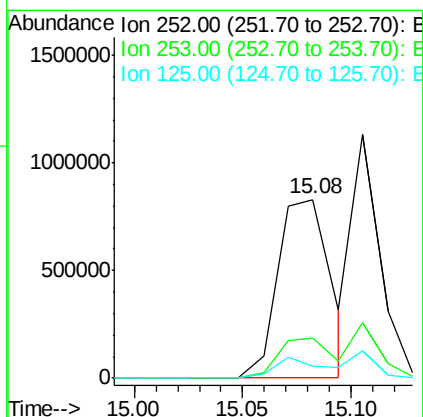
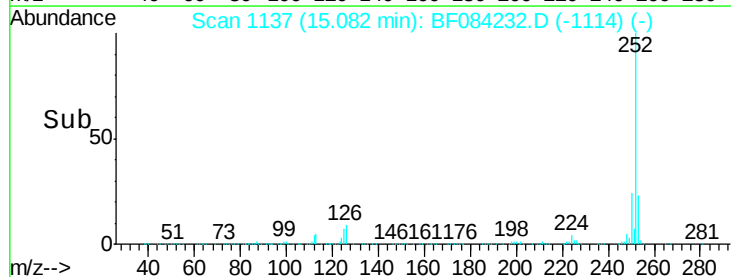
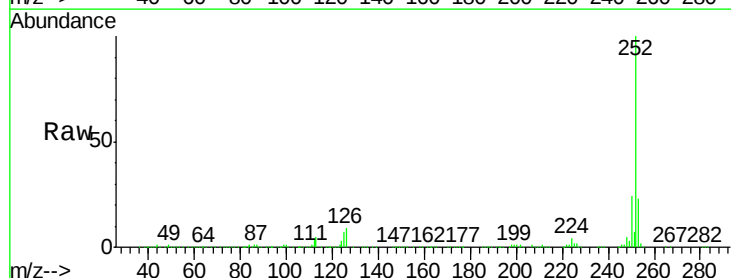
Tgt Ion:252 Resp: 1409057

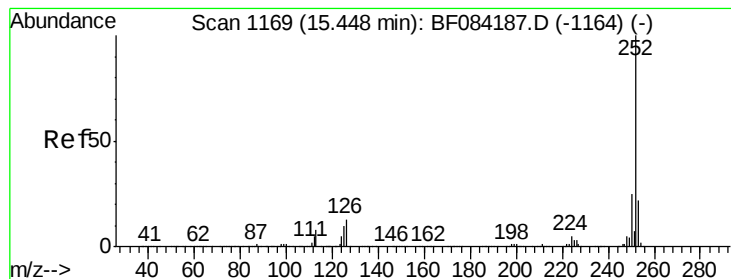
Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 6.7 9.0 13.6#

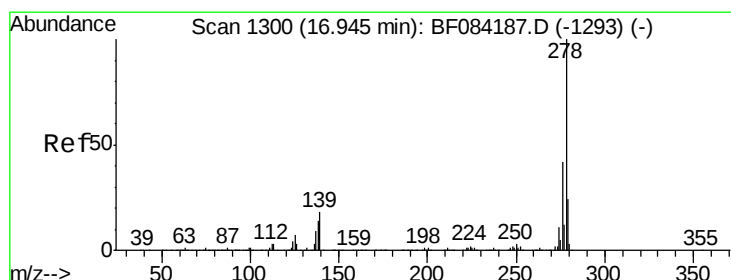
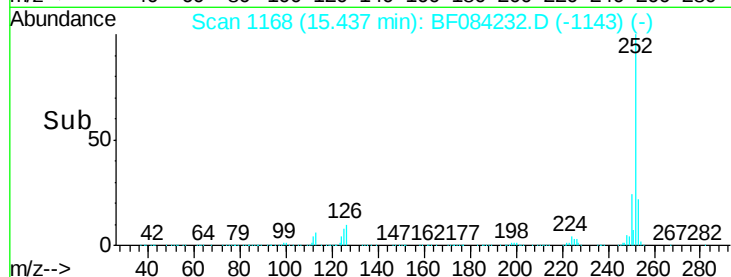
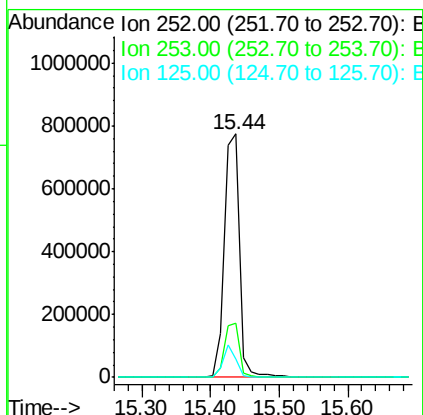
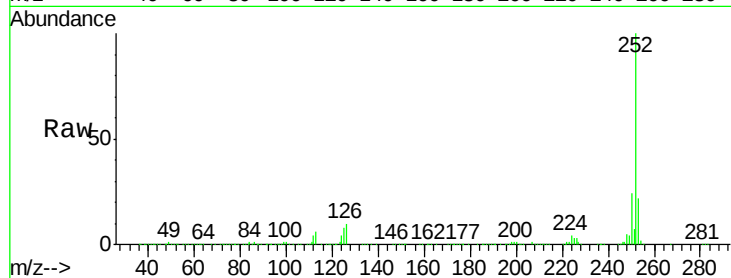




#89  
Benzo(a)pyrene  
Concen: 40.20 ng  
RT: 15.44 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BF084232.D  
Acq: 4 Jan 2016 11:52

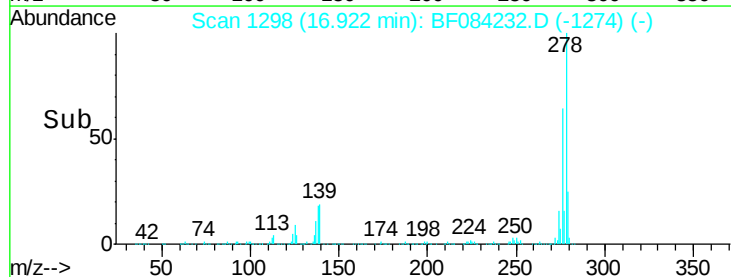
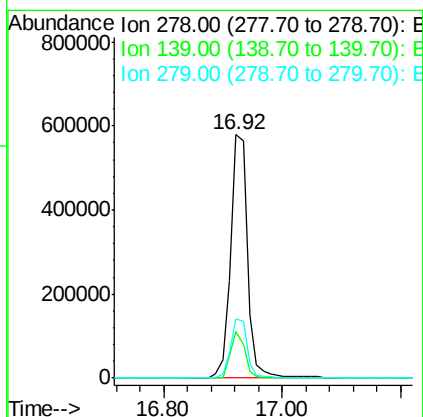
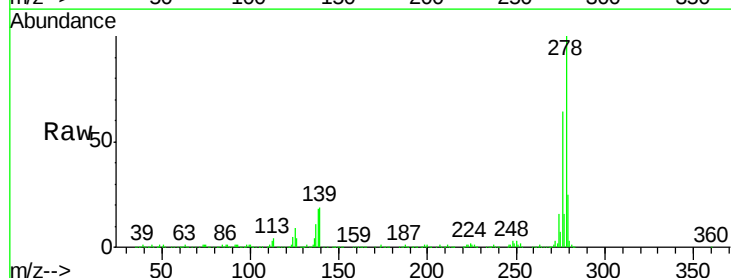
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

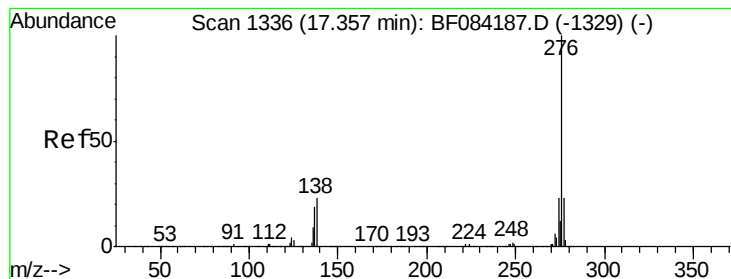
Tgt Ion:252 Resp: 1214485  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.3 25.9  
125 7.8 7.0 10.4



#90  
Dibenzo(a,h)anthracene  
Concen: 44.18 ng  
RT: 16.92 min Scan# 1298  
Delta R.T. -0.02 min  
Lab File: BF084232.D  
Acq: 4 Jan 2016 11:52

Tgt Ion:278 Resp: 1148511  
Ion Ratio Lower Upper  
278 100  
139 19.2 15.0 22.4  
279 24.5 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 44.89 ng

RT: 17.33 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF084232.D

Acq: 4 Jan 2016 11:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

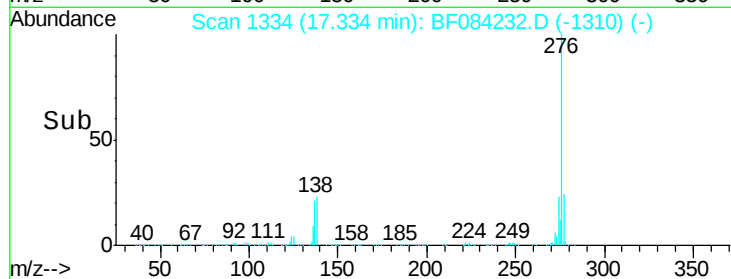
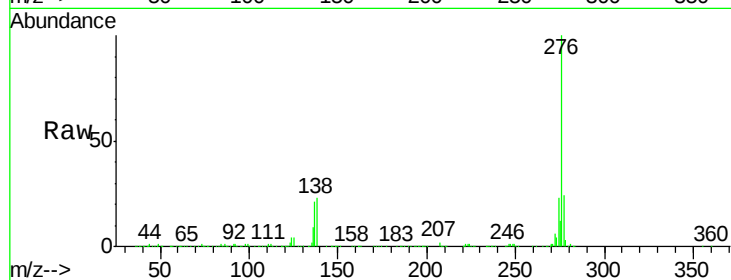
Tgt Ion: 276 Resp: 1208487

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 22.9 17.8 26.6



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

